

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063989.D
 Acq On : 4 Feb 2025 12:17
 Operator : RC/JU
 Sample : P1187-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 12:52:55 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	7.872	152	64415	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	287151	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	188261	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	425854	20.000	ng	0.00
76) Chrysene-d12	21.468	240	445979	20.000	ng	0.00
86) Perylene-d12	24.499	264	462221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	457078	113.769	ng	0.00
7) Phenol-d6	7.032	99	632210	114.667	ng	0.00
23) Nitrobenzene-d5	9.023	82	401250	84.924	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	223347	105.900	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	968441	78.815	ng	0.00
79) Terphenyl-d14	19.864	244	1641047	76.848	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.389	88	18470	9.680	ng	99
3) Pyridine	3.782	79	43815	8.504	ng	96
4) n-Nitrosodimethylamine	3.694	42	27327	9.224	ng	# 98
6) Aniline	7.196	93	61376	10.388	ng	# 94
8) 2-Chlorophenol	7.437	128	43636	10.659	ng	99
9) Benzaldehyde	7.014	77	40859	13.575	ng	96
10) Phenol	7.055	94	57857	9.969	ng	96
11) bis(2-Chloroethyl)ether	7.296	93	45550	9.747	ng	99
12) 1,3-Dichlorobenzene	7.760	146	48216	9.898	ng	95
13) 1,4-Dichlorobenzene	7.907	146	49327	10.026	ng	96
14) 1,2-Dichlorobenzene	8.224	146	45723	9.696	ng	94
15) Benzyl Alcohol	8.101	79	40621	9.857	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.395	45	95874	10.188	ng	99
17) 2-Methylphenol	8.307	107	35724	9.517	ng	92
18) Hexachloroethane	8.947	117	17051	10.531	ng	94
19) n-Nitroso-di-n-propyla...	8.671	70	37847	9.913	ng	# 94
20) 3+4-Methylphenols	8.630	107	48087	9.616	ng	91
22) Acetophenone	8.683	105	77885	9.872	ng	97
24) Nitrobenzene	9.059	77	53098	12.773	ng	99
25) Isophorone	9.587	82	102118	9.970	ng	98
26) 2-Nitrophenol	9.775	139	10012	14.940	ng	# 89
27) 2,4-Dimethylphenol	9.828	122	22164	7.523	ng	94
28) bis(2-Chloroethoxy)met...	10.069	93	61788	9.481	ng	100
29) 2,4-Dichlorophenol	10.304	162	34247	11.516	ng	94
30) 1,2,4-Trichlorobenzene	10.527	180	46536	9.614	ng	98
31) Naphthalene	10.710	128	146971	9.547	ng	99
32) Benzoic acid	9.911	122	14875m	15.548	ng	
33) 4-Chloroaniline	10.809	127	54077	9.168	ng	96
34) Hexachlorobutadiene	11.003	225	29076	9.433	ng	94
35) Caprolactam	11.550	113	12647	12.782	ng	94
36) 4-Chloro-3-methylphenol	11.932	107	42424	8.996	ng	98
37) 2-Methylnaphthalene	12.319	142	97895	9.125	ng	99
38) 1-Methylnaphthalene	12.537	142	93362	8.795	ng	94
40) 1,2,4,5-Tetrachloroben...	12.684	216	54822	9.875	ng	99
41) Hexachlorocyclopentadiene	12.672	237	15464	11.006	ng	86
43) 2,4,6-Trichlorophenol	12.925	196	26210	12.109	ng	98

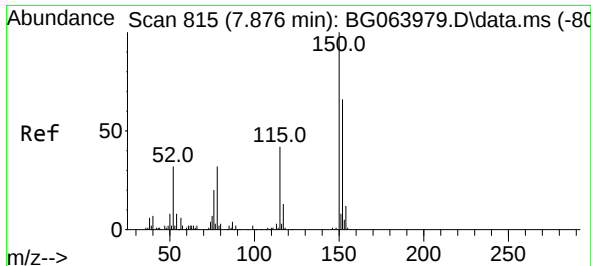
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063989.D
 Acq On : 4 Feb 2025 12:17
 Operator : RC/JU
 Sample : P1187-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 12:52:55 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)
44) 2,4,5-Trichlorophenol	12.989	196	29227	11.248	ng	96
46) 1,1'-Biphenyl	13.330	154	138629	9.672	ng	99
47) 2-Chloronaphthalene	13.371	162	99052	9.481	ng	97
48) 2-Nitroaniline	13.565	65	22472	12.992	ng	88
49) Acenaphthylene	14.217	152	158853	9.789	ng	98
50) Dimethylphthalate	13.953	163	121471	9.731	ng	98
51) 2,6-Dinitrotoluene	14.065	165	17470	12.030	ng	94
52) Acenaphthene	14.558	154	102665	9.432	ng	98
53) 3-Nitroaniline	14.388	138	22724	12.634	ng	91
54) 2,4-Dinitrophenol	14.593	184	5214	15.695	ng	# 88
55) Dibenzofuran	14.893	168	162502	9.194	ng	99
56) 4-Nitrophenol	14.687	139	18756	15.384	ng	96
57) 2,4-Dinitrotoluene	14.846	165	22884	12.569	ng	90
58) Fluorene	15.545	166	128966	9.440	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.116	232	27377	12.098	ng	# 96
60) Diethylphthalate	15.322	149	129002	9.748	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	65943	9.621	ng	94
62) 4-Nitroaniline	15.545	138	24418	11.526	ng	93
63) Azobenzene	15.833	77	142544	9.119	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	8618	14.982	ng	99
66) n-Nitrosodiphenylamine	15.751	169	111042	9.405	ng	96
67) 4-Bromophenyl-phenylether	16.438	248	40198	9.484	ng	99
68) Hexachlorobenzene	16.544	284	47690	9.570	ng	94
69) Atrazine	16.703	200	40609	10.335	ng	97
70) Pentachlorophenol	16.885	266	24622	15.431	ng	96
71) Phenanthrene	17.278	178	215634	9.641	ng	99
72) Anthracene	17.367	178	203148	9.077	ng	99
73) Carbazole	17.637	167	195027	9.309	ng	96
74) Di-n-butylphthalate	18.218	149	209306	9.584	ng	99
75) Fluoranthene	19.288	202	249558	9.163	ng	99
77) Benzidine	19.470	184	111982	11.792	ng	98
78) Pyrene	19.646	202	273296	9.926	ng	97
80) Butylbenzylphthalate	20.557	149	77109	12.648	ng	95
81) Benzo(a)anthracene	21.450	228	281239	9.932	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	89617	10.163	ng	96
83) Chrysene	21.515	228	268999	9.546	ng	99
84) Bis(2-ethylhexyl)phtha...	21.397	149	128565	12.031	ng	96
85) Di-n-octyl phthalate	22.555	149	203197	13.830	ng	98
87) Indeno(1,2,3-cd)pyrene	27.895	276	290664	9.747	ng	99
88) Benzo(b)fluoranthene	23.542	252	251921	9.256	ng	99
89) Benzo(k)fluoranthene	23.606	252	265456	9.498	ng	98
90) Benzo(a)pyrene	24.352	252	239315	9.851	ng	99
91) Dibenzo(a,h)anthracene	27.966	278	239668	9.518	ng	98
92) Benzo(g,h,i)perylene	28.959	276	230003	9.048	ng	97

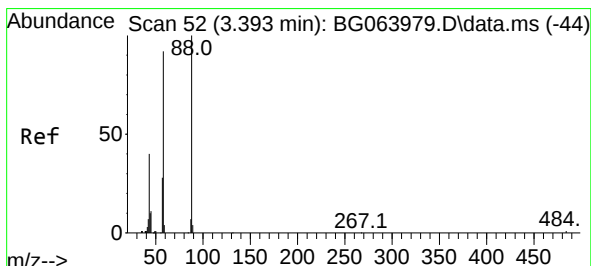
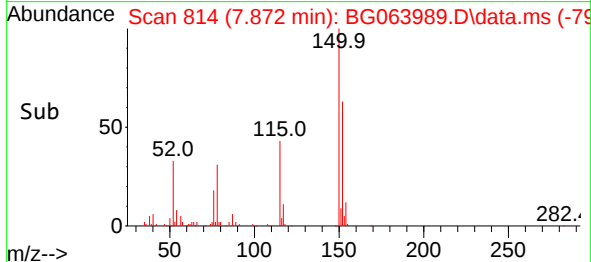
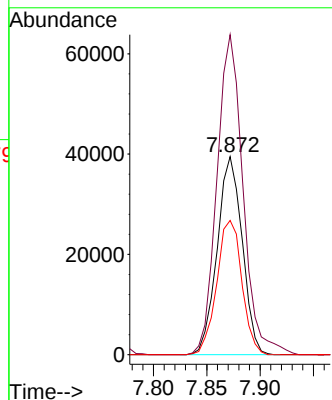
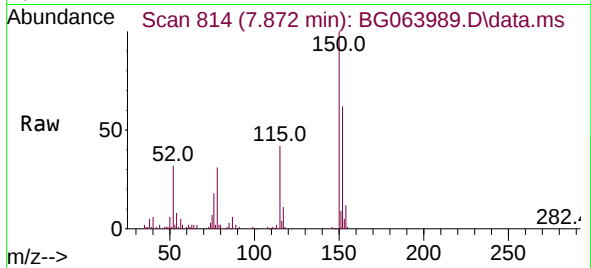
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.872 min Scan# 815
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

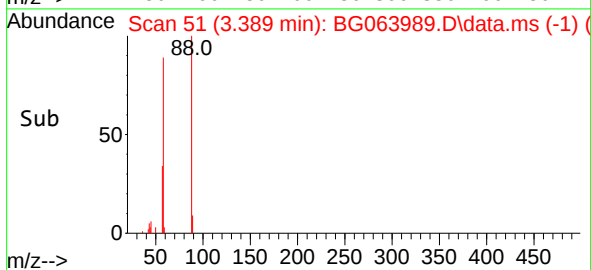
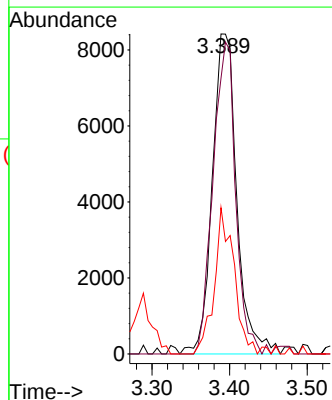
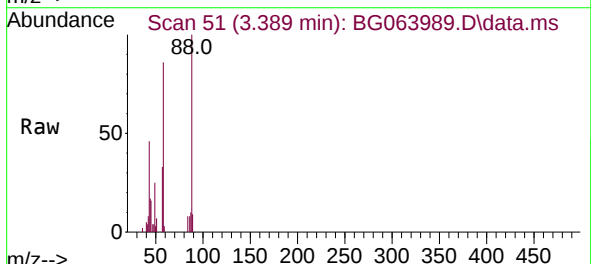
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

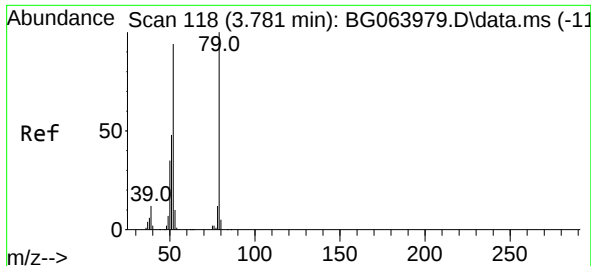
Tgt Ion:152 Resp: 64415
Ion Ratio Lower Upper
152 100
150 161.5 121.0 181.6
115 67.8 50.4 75.6



#2
1,4-Dioxane
Concen: 9.680 ng
RT: 3.389 min Scan# 51
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion: 88 Resp: 18470
Ion Ratio Lower Upper
88 100
58 89.9 71.8 107.8
43 37.4 31.2 46.8





#3

Pyridine

Concen: 8.504 ng

RT: 3.782 min Scan# 118

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

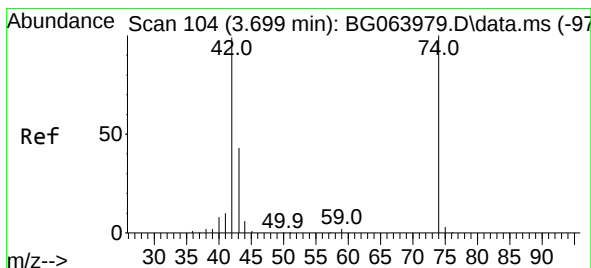
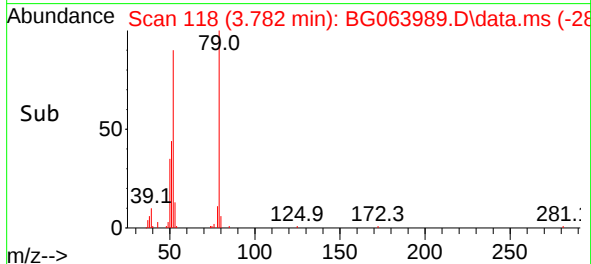
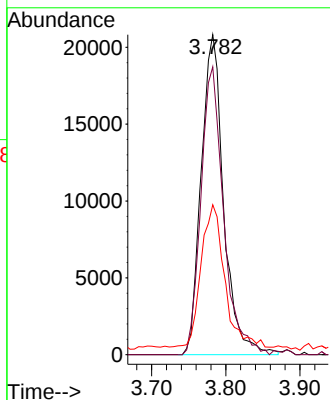
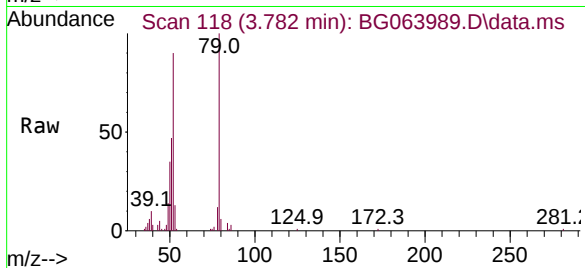
Tgt Ion: 79 Resp: 43815

Ion Ratio Lower Upper

79 100

52 89.9 75.1 112.7

51 46.8 38.9 58.3



#4

n-Nitrosodimethylamine

Concen: 9.224 ng

RT: 3.694 min Scan# 103

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

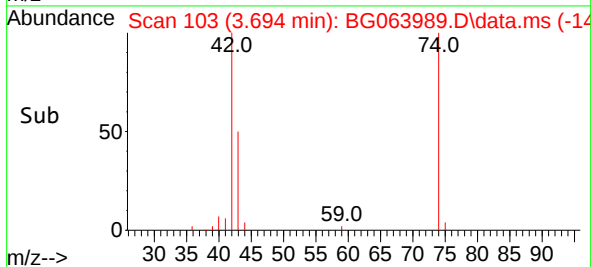
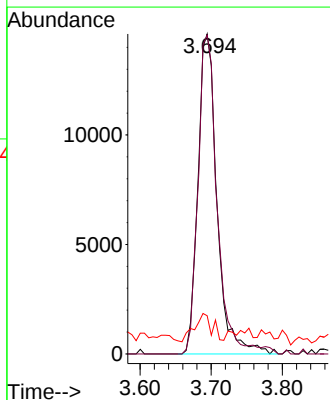
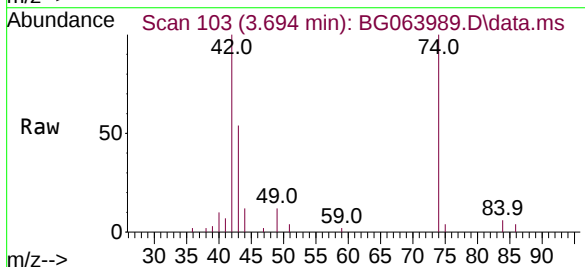
Tgt Ion: 42 Resp: 27327

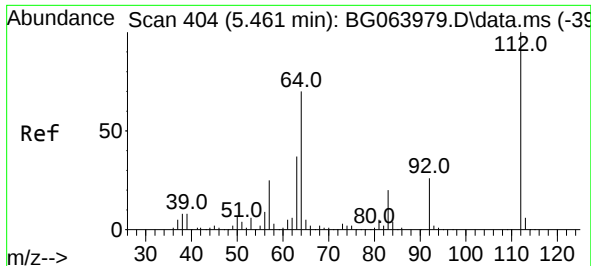
Ion Ratio Lower Upper

42 100

74 99.6 80.8 121.2

44 11.9 5.8 8.6

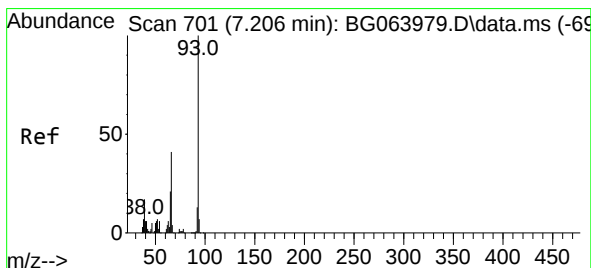
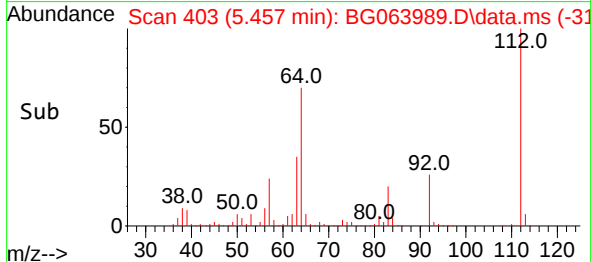
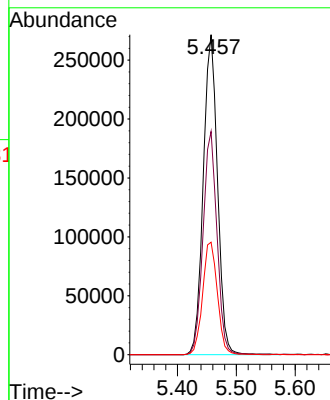
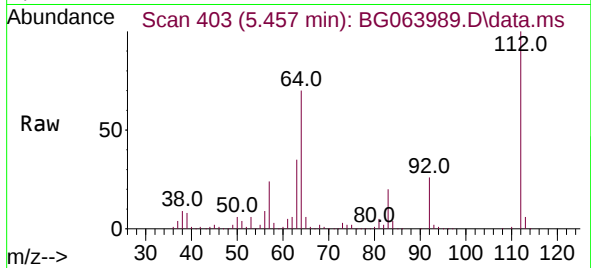




#5
2-Fluorophenol
Concen: 113.769 ng
RT: 5.457 min Scan# 404
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

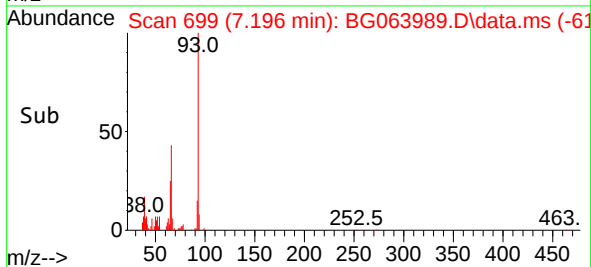
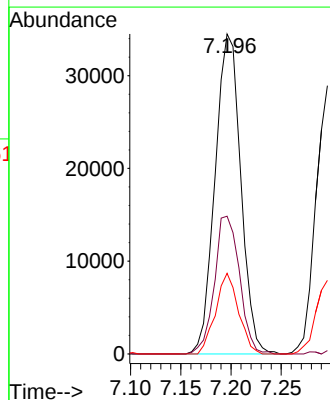
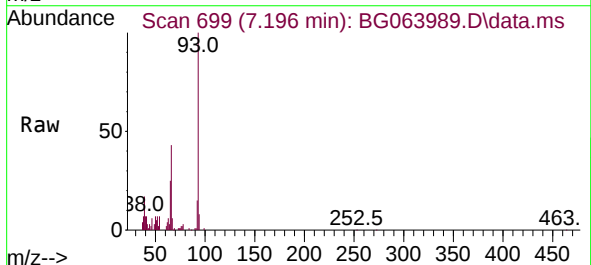
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

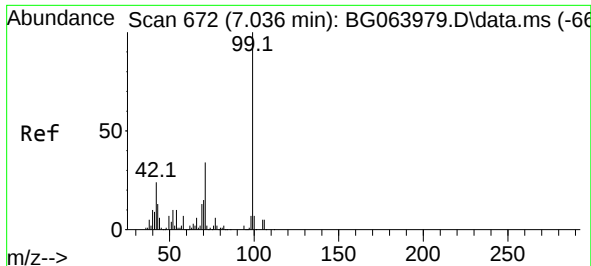
Tgt Ion:112 Resp: 457078
Ion Ratio Lower Upper
112 100
64 69.7 55.8 83.8
63 35.1 29.3 43.9



#6
Aniline
Concen: 10.388 ng
RT: 7.196 min Scan# 699
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion: 93 Resp: 61376
Ion Ratio Lower Upper
93 100
66 43.0 32.5 48.7
65 25.2 16.6 25.0#

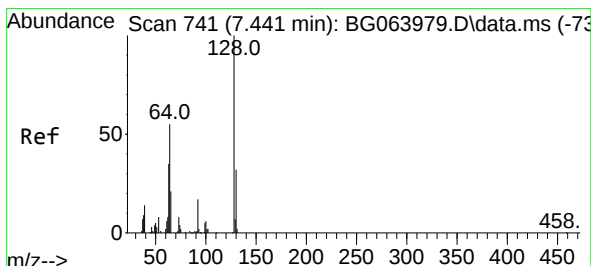
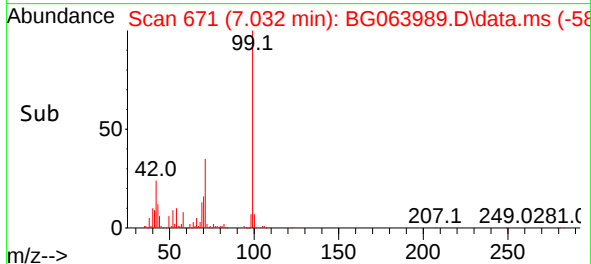
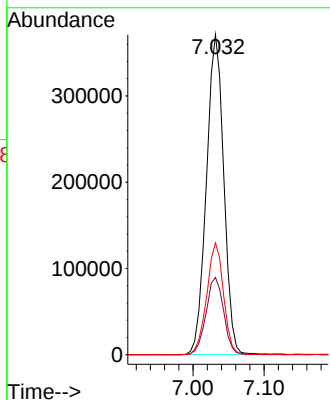
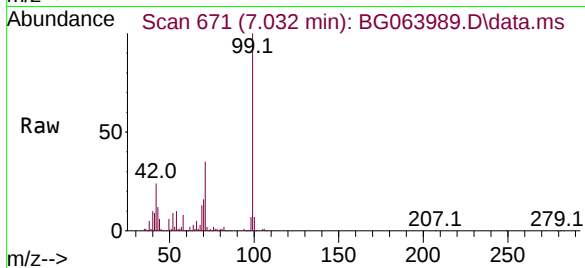




#7
Phenol-d6
Concen: 114.667 ng
RT: 7.032 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

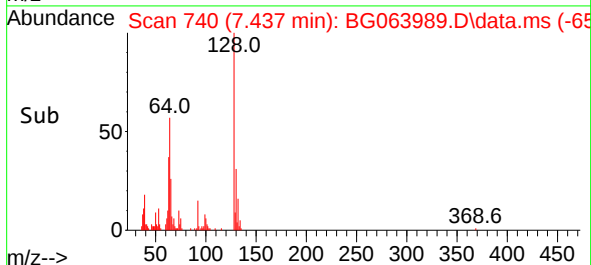
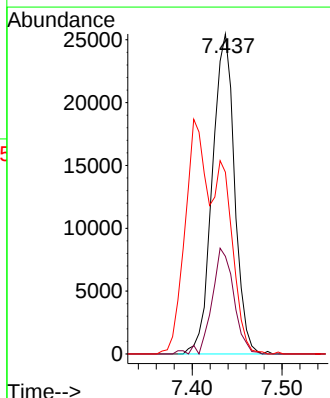
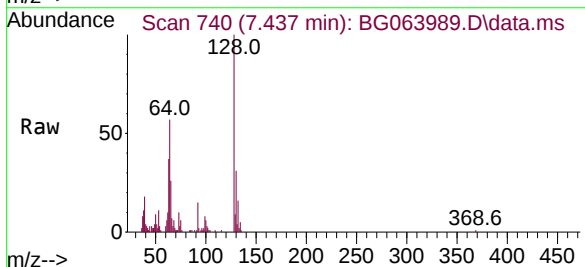
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

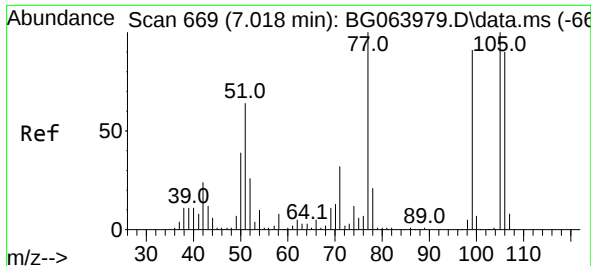
Tgt Ion: 99 Resp: 632210
Ion Ratio Lower Upper
99 100
42 24.1 18.9 28.3
71 35.0 27.0 40.6



#8
2-Chlorophenol
Concen: 10.659 ng
RT: 7.437 min Scan# 740
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:128 Resp: 43636
Ion Ratio Lower Upper
128 100
130 30.5 11.9 51.9
64 56.8 36.8 76.8

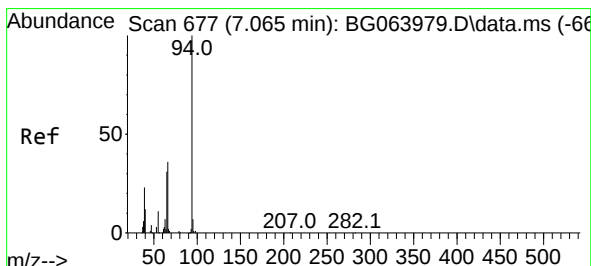
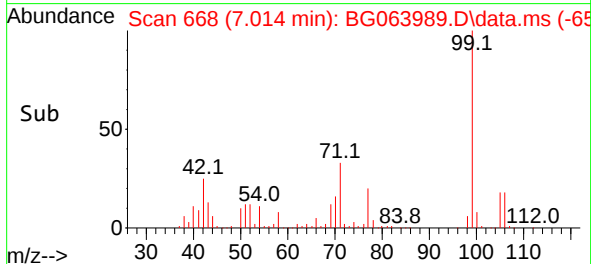
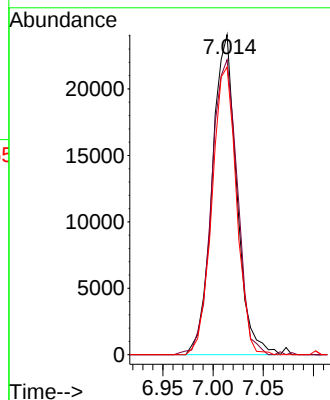
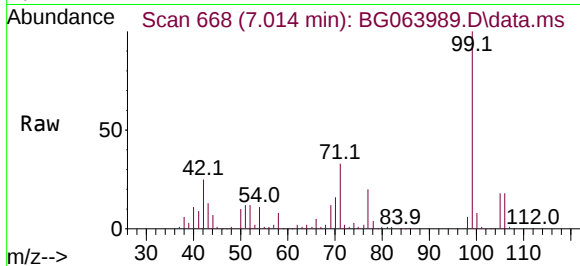




#9
Benzaldehyde
Concen: 13.575 ng
RT: 7.014 min Scan# 609
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

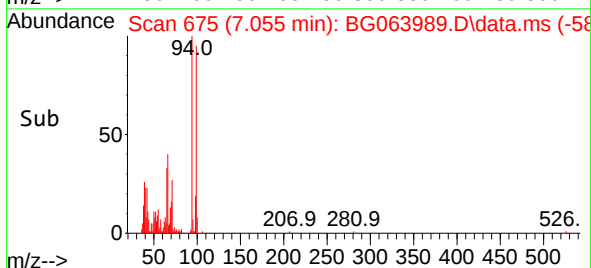
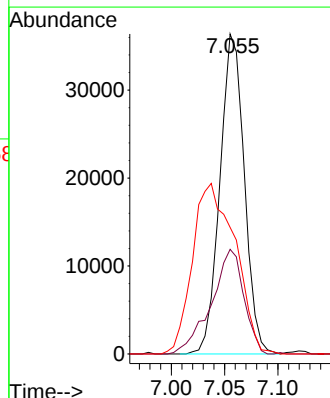
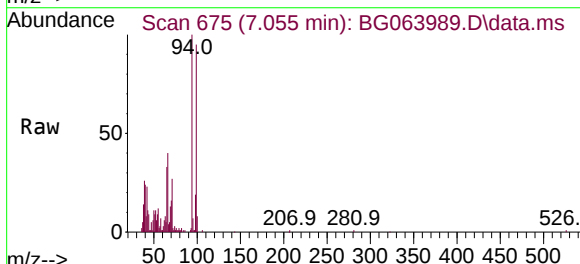
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

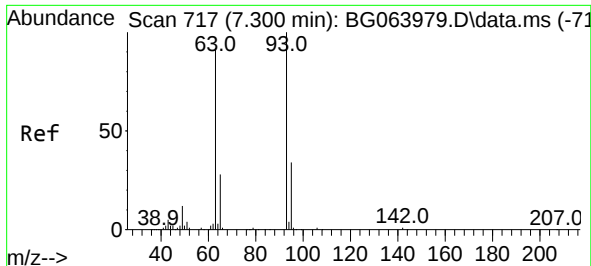
Tgt Ion: 77 Resp: 40859
Ion Ratio Lower Upper
77 100
105 92.1 79.8 119.8
106 89.8 69.9 109.9



#10
Phenol
Concen: 9.969 ng
RT: 7.055 min Scan# 675
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion: 94 Resp: 57857
Ion Ratio Lower Upper
94 100
65 32.7 11.4 51.4
66 39.6 16.7 56.7

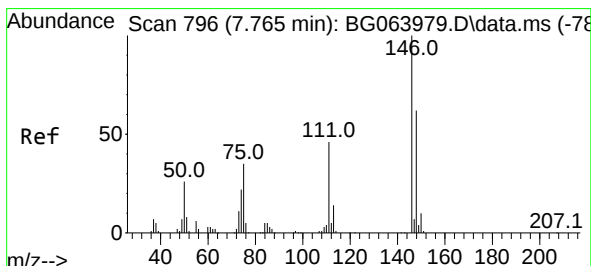
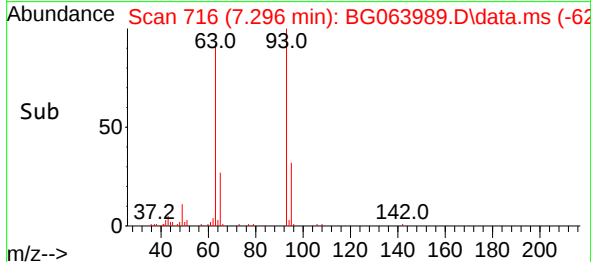
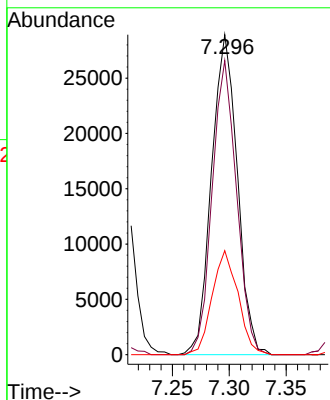
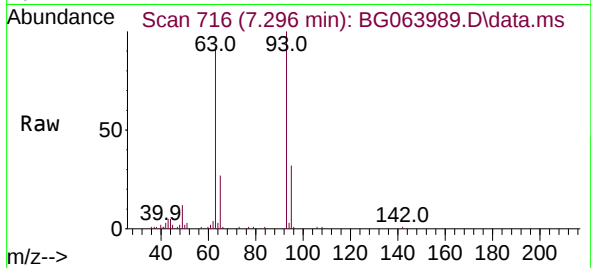




#11
bis(2-Chloroethyl)ether
Concen: 9.747 ng
RT: 7.296 min Scan# 716
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

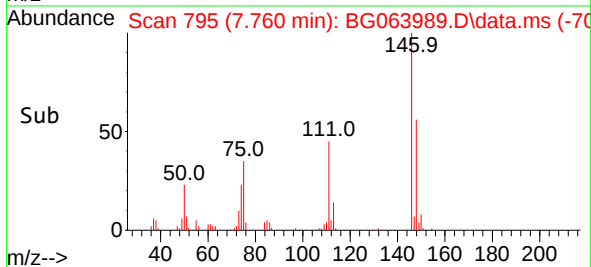
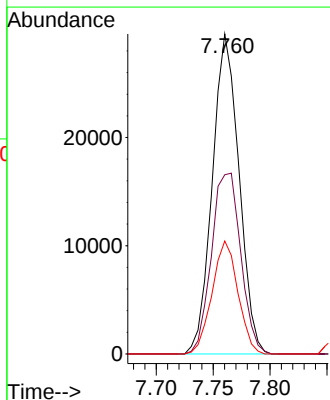
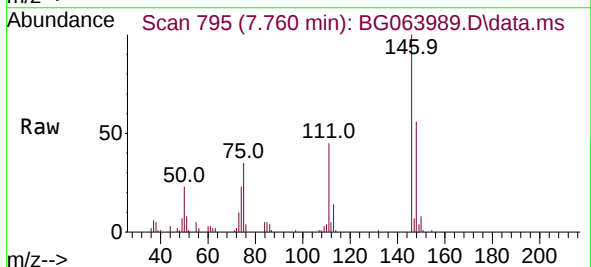
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

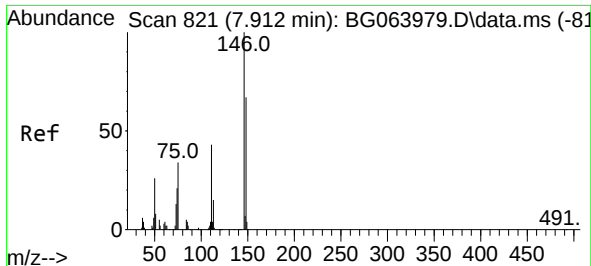
Tgt Ion: 93 Resp: 45550
Ion Ratio Lower Upper
93 100
63 91.9 71.2 111.2
95 32.5 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 9.898 ng
RT: 7.760 min Scan# 795
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:146 Resp: 48216
Ion Ratio Lower Upper
146 100
148 56.0 49.6 74.4
75 35.3 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 10.026 ng

RT: 7.907 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

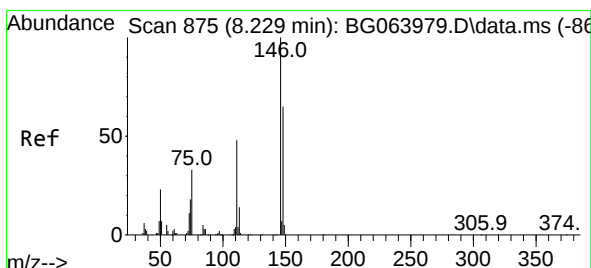
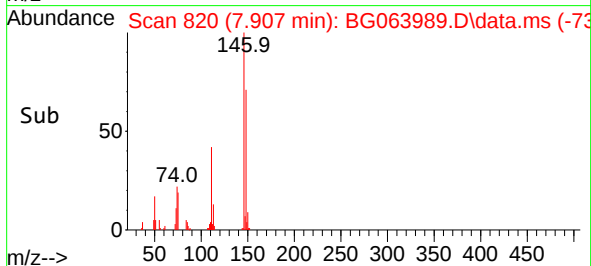
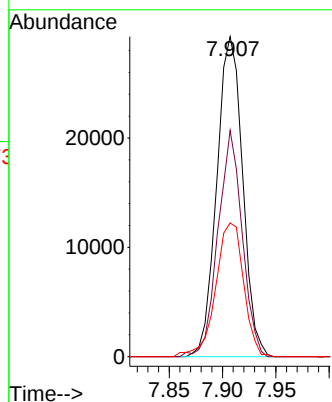
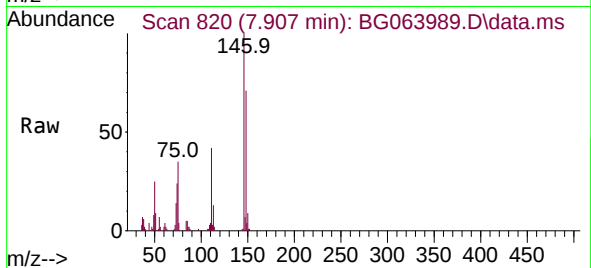
Tgt Ion:146 Resp: 49327

Ion Ratio Lower Upper

146 100

148 70.7 53.3 79.9

111 41.8 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 9.696 ng

RT: 8.224 min Scan# 874

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

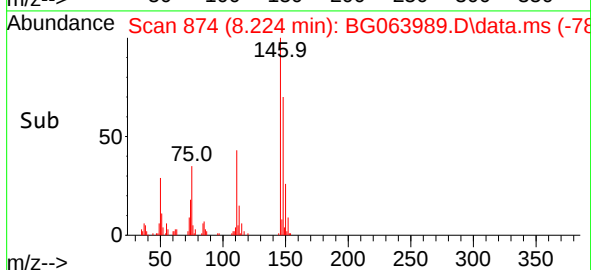
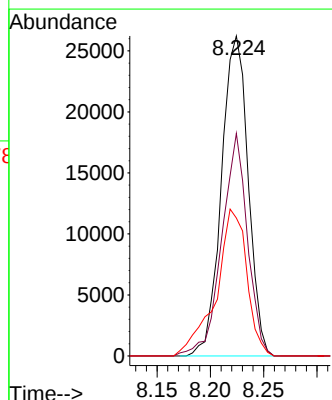
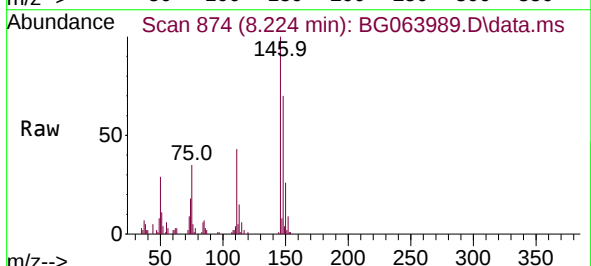
Tgt Ion:146 Resp: 45723

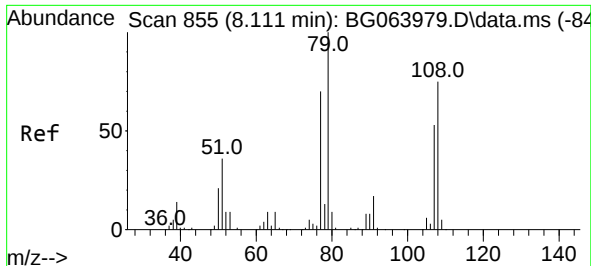
Ion Ratio Lower Upper

146 100

148 69.6 52.0 78.0

111 43.1 38.2 57.2

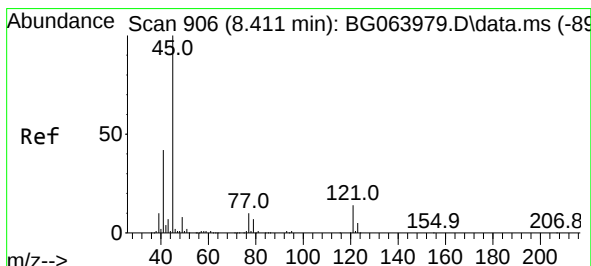
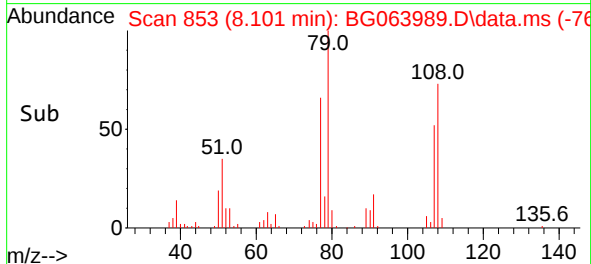
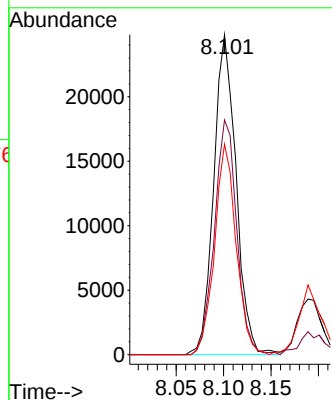
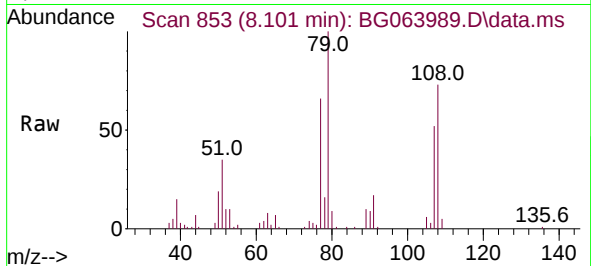




#15
Benzyl Alcohol
Concen: 9.857 ng
RT: 8.101 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

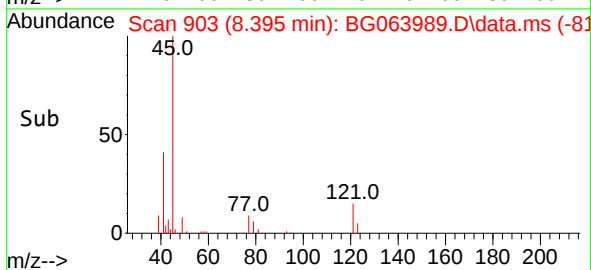
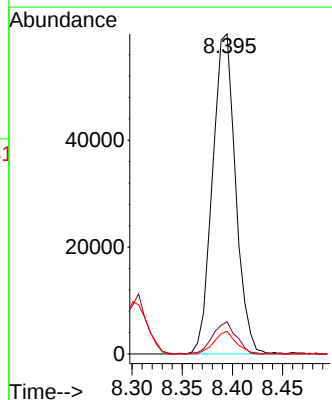
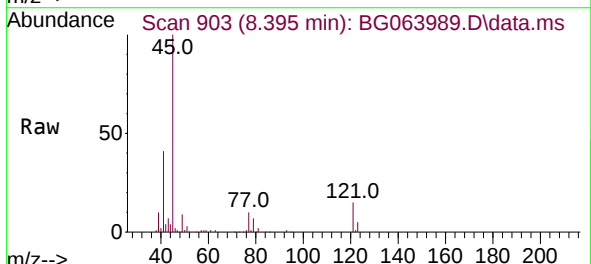
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

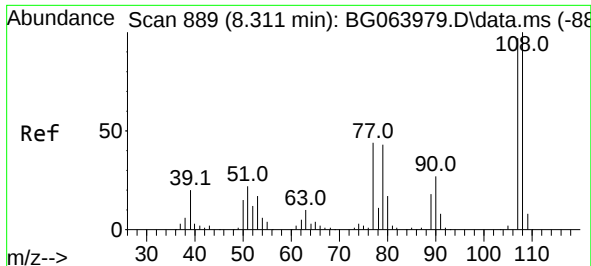
Tgt Ion: 79 Resp: 40621
Ion Ratio Lower Upper
79 100
108 73.3 60.3 90.5
77 65.8 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.188 ng
RT: 8.395 min Scan# 903
Delta R.T. -0.016 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

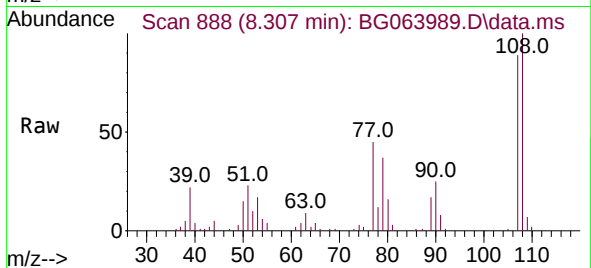
Tgt Ion: 45 Resp: 95874
Ion Ratio Lower Upper
45 100
77 10.1 0.0 29.8
79 7.1 0.0 27.7



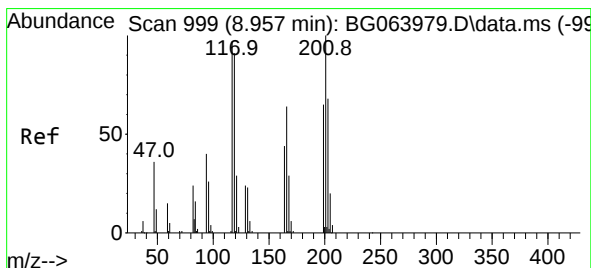
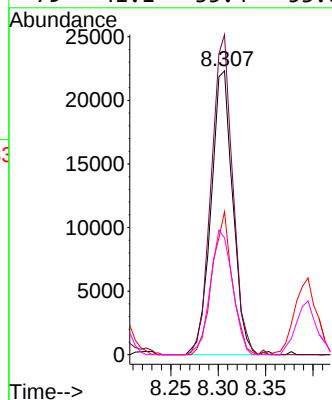


#17
2-Methylphenol
Concen: 9.517 ng
RT: 8.307 min Scan# 889
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

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

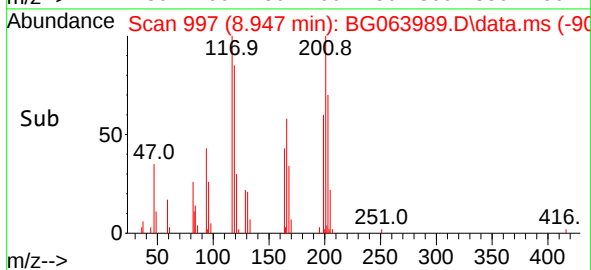
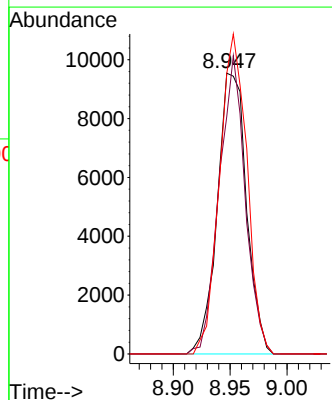
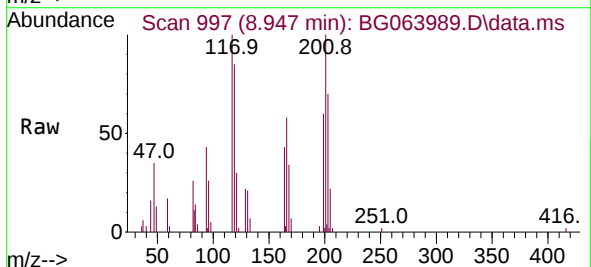


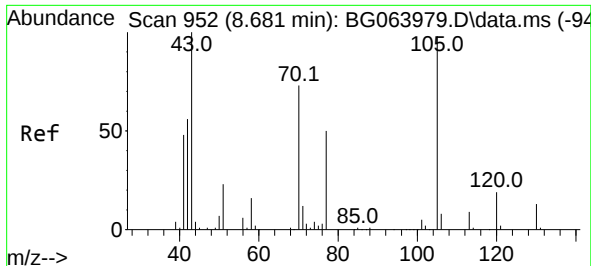
Tgt Ion:	107	Resp:	35724
Ion	Ratio	Lower	Upper
107	100		
108	112.7	82.9	124.3
77	50.4	36.4	54.6
79	41.1	35.4	53.0



#18
Hexachloroethane
Concen: 10.531 ng
RT: 8.947 min Scan# 997
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:	117	Resp:	17051
Ion	Ratio	Lower	Upper
117	100		
119	84.5	75.4	113.0
201	99.9	82.4	123.6

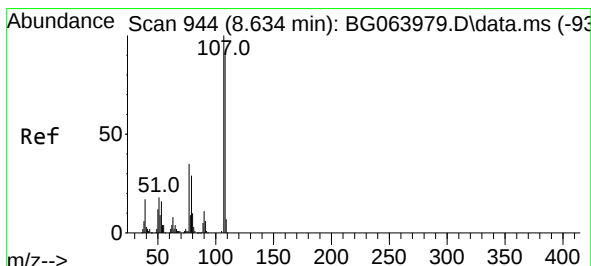
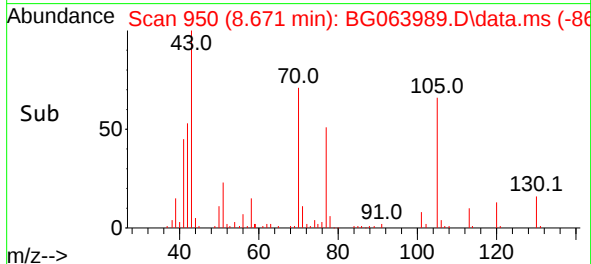
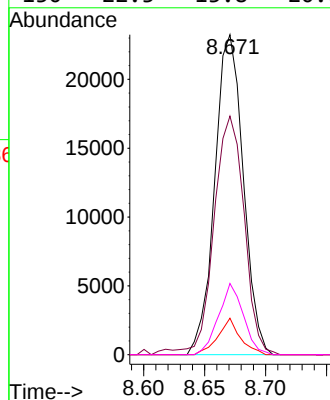
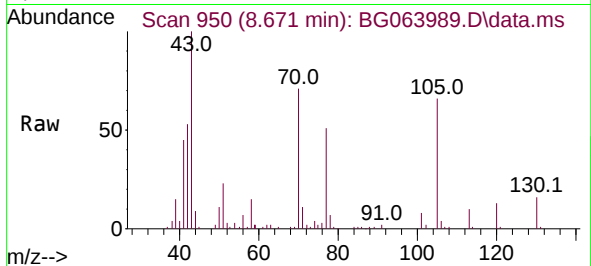




#19
n-Nitroso-di-n-propylamine
Concen: 9.913 ng
RT: 8.671 min Scan# 910
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

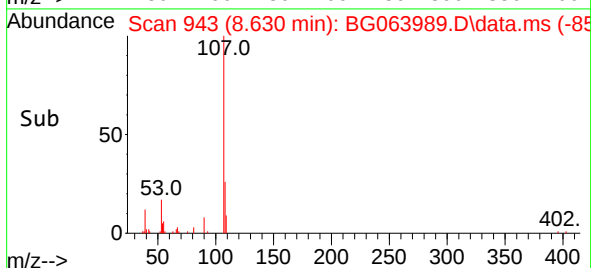
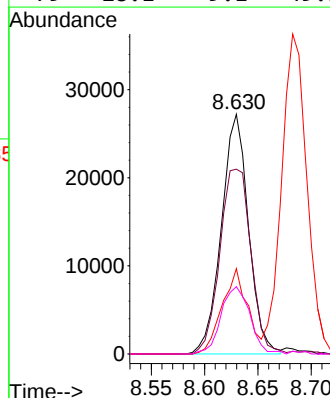
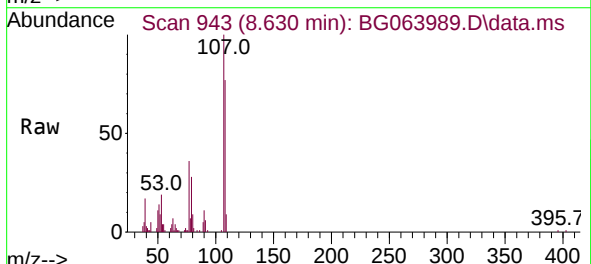
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

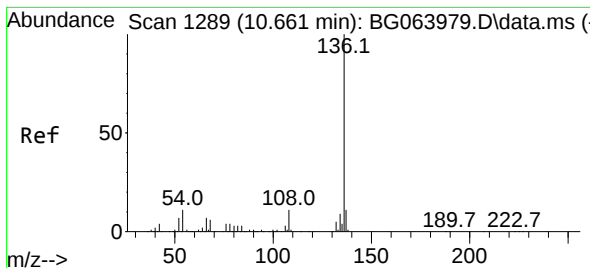
Tgt Ion: 70 Resp: 37847
Ion Ratio Lower Upper
70 100
42 74.5 62.2 93.4
101 11.4 5.6 8.4#
130 22.3 13.8 20.6#



#20
3+4-Methylphenols
Concen: 9.616 ng
RT: 8.630 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:107 Resp: 48087
Ion Ratio Lower Upper
107 100
108 77.1 70.0 110.0
77 35.6 15.2 55.2
79 28.1 9.1 49.1

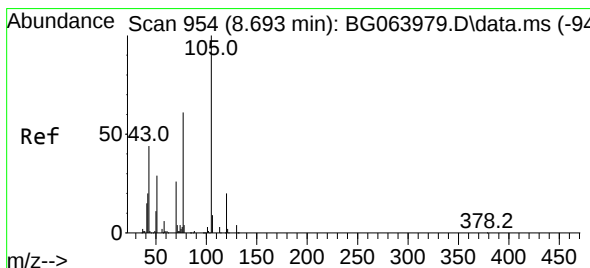
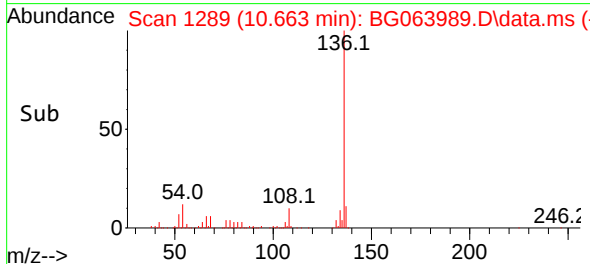
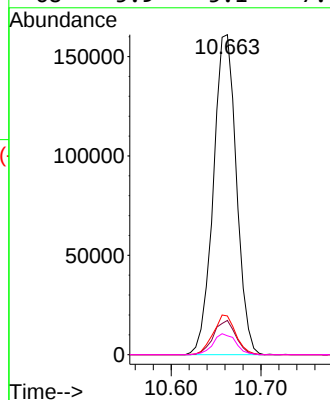
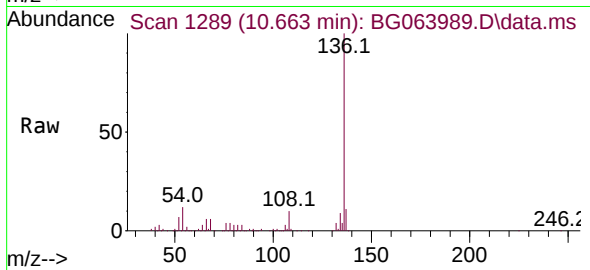




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

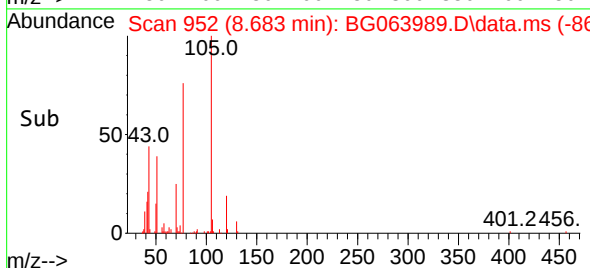
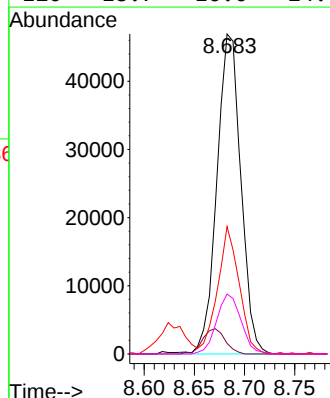
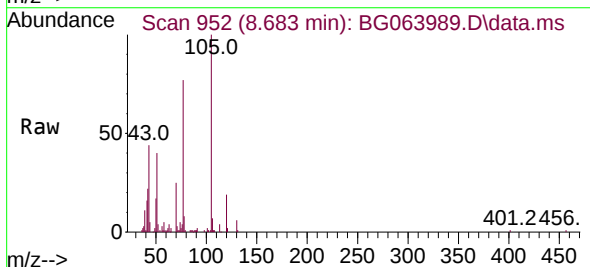
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

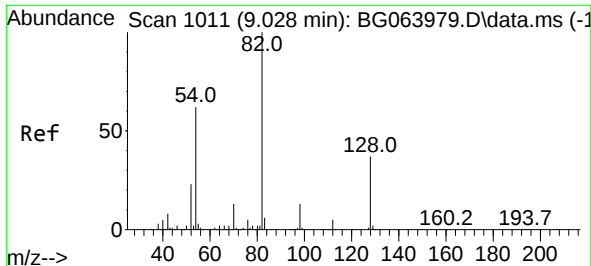
Tgt Ion:	136	Resp:	287151
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	12.1	9.2	13.8
68	5.9	5.1	7.7



#22
Acetophenone
Concen: 9.872 ng
RT: 8.683 min Scan# 952
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:	105	Resp:	77885
Ion Ratio	Lower	Upper	
105	100		
71	3.3	3.1	4.7
51	39.8	29.9	44.9
120	18.7	16.0	24.0





#23

Nitrobenzene-d5

Concen: 84.924 ng

RT: 9.023 min Scan# 1010

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

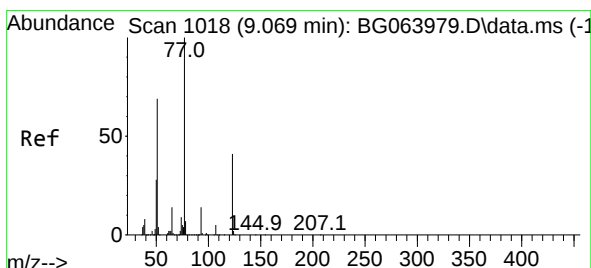
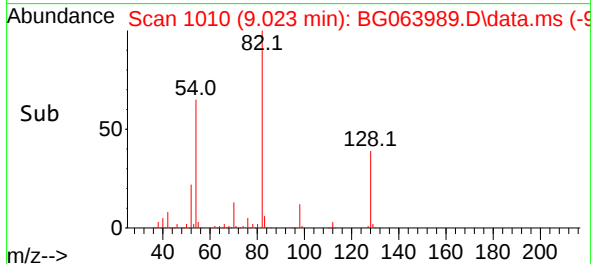
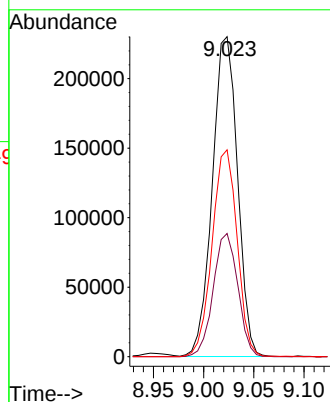
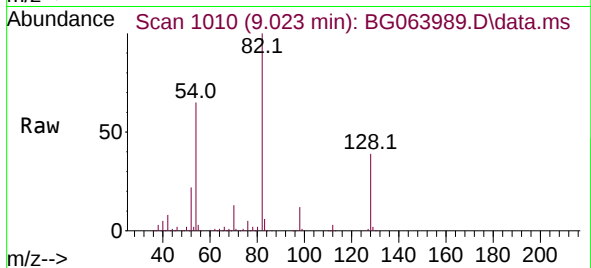
Tgt Ion: 82 Resp: 401250

Ion Ratio Lower Upper

82 100

128 38.5 29.4 44.2

54 64.7 49.9 74.9



#24

Nitrobenzene

Concen: 12.773 ng

RT: 9.059 min Scan# 1016

Delta R.T. -0.010 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

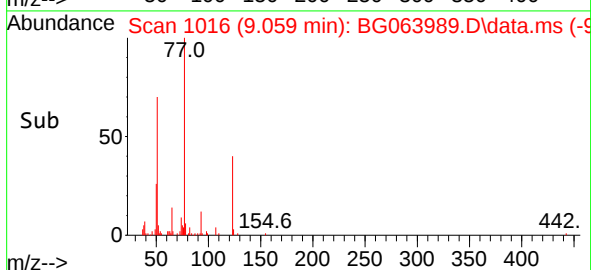
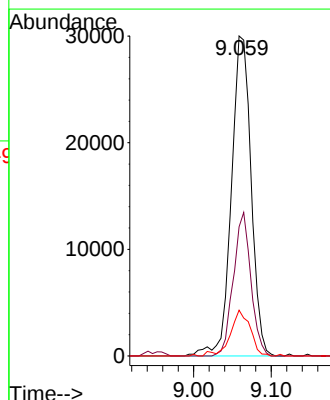
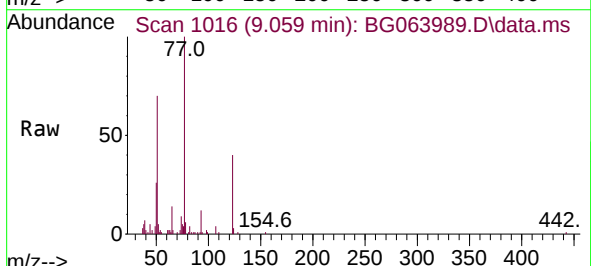
Tgt Ion: 77 Resp: 53098

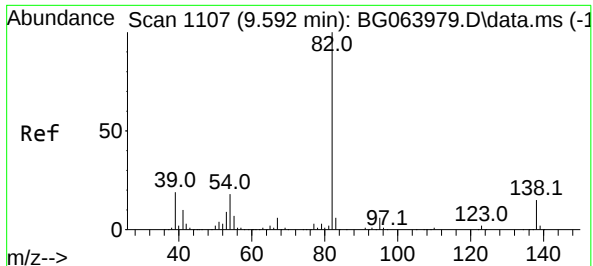
Ion Ratio Lower Upper

77 100

123 40.3 32.9 49.3

65 14.3 11.0 16.6

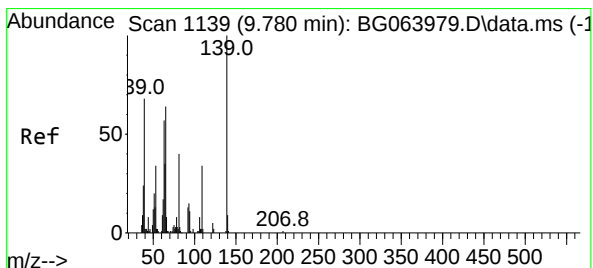
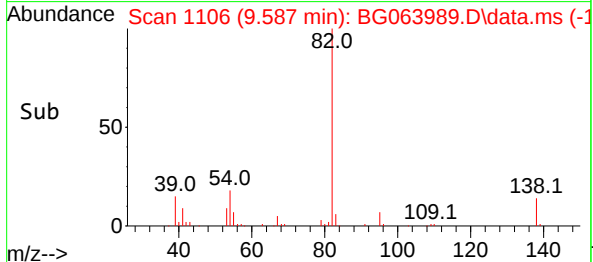
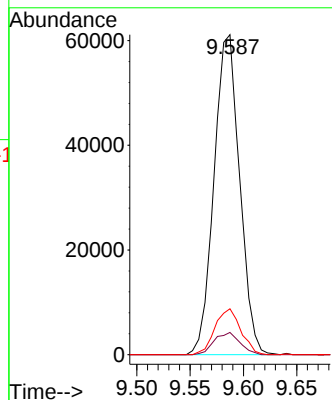
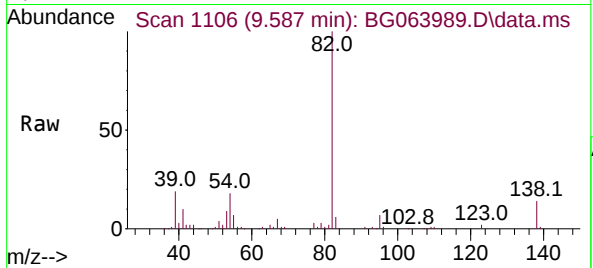




#25
Isophorone
Concen: 9.970 ng
RT: 9.587 min Scan# 1106
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

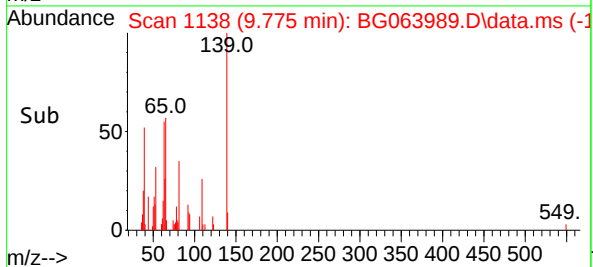
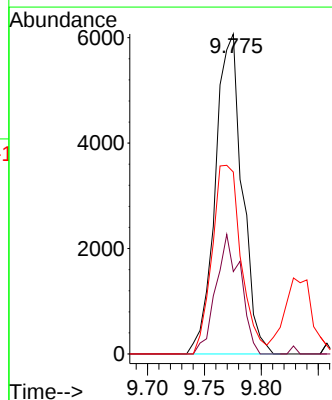
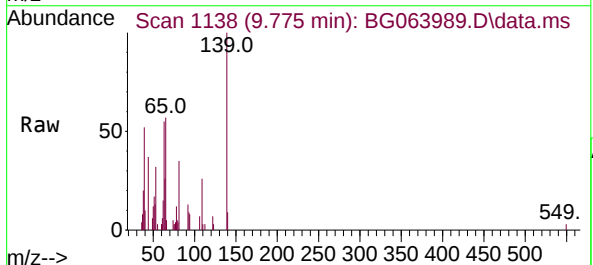
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

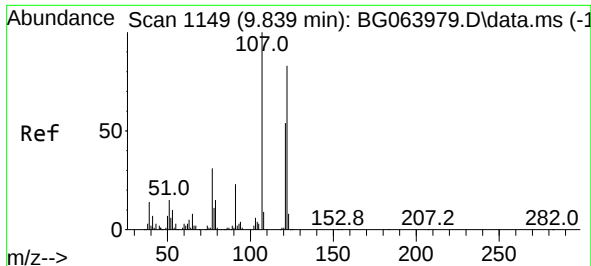
Tgt Ion: 82 Resp: 102118
Ion Ratio Lower Upper
82 100
95 6.9 5.0 7.4
138 14.3 12.2 18.4



#26
2-Nitrophenol
Concen: 14.940 ng
RT: 9.775 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:139 Resp: 10012
Ion Ratio Lower Upper
139 100
109 25.8 27.1 40.7#
65 56.9 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 7.523 ng

RT: 9.828 min Scan# 1147

Delta R.T. -0.011 min

Lab File: BG063989.D

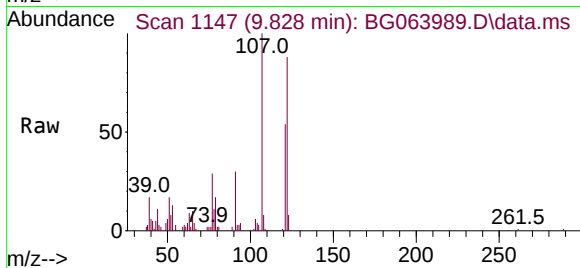
Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024



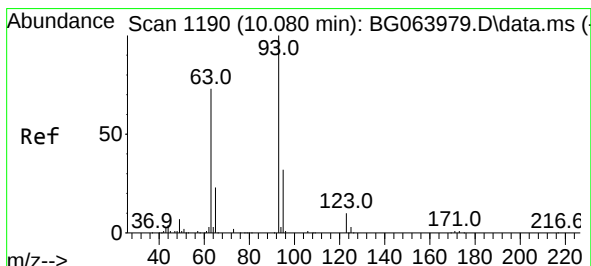
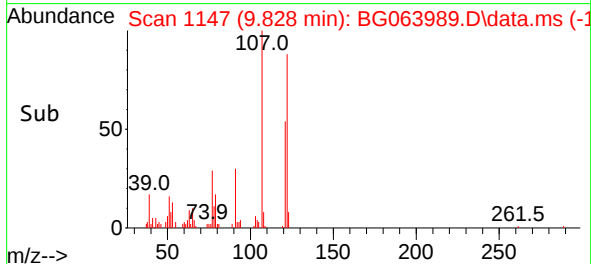
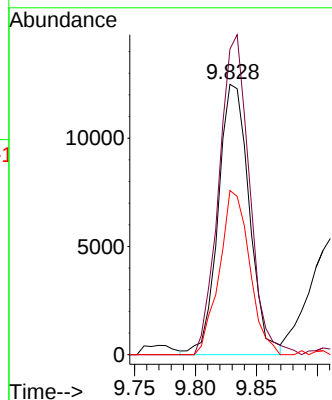
Tgt Ion:122 Resp: 22164

Ion Ratio Lower Upper

122 100

107 113.0 96.4 144.6

121 60.7 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 9.481 ng

RT: 10.069 min Scan# 1188

Delta R.T. -0.011 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

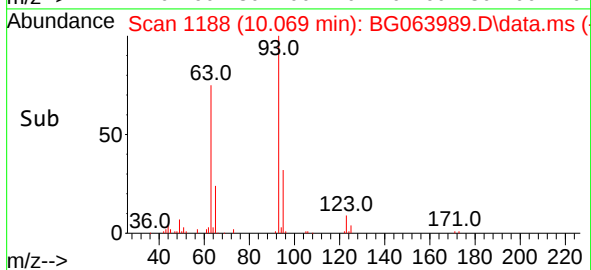
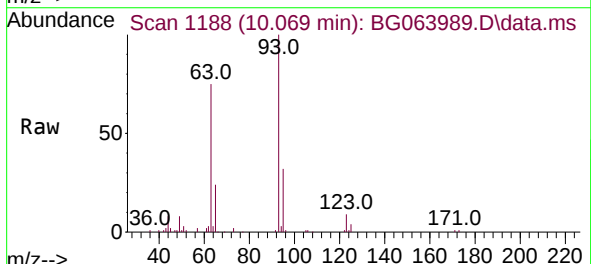
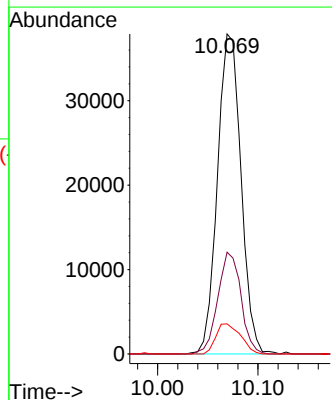
Tgt Ion: 93 Resp: 61788

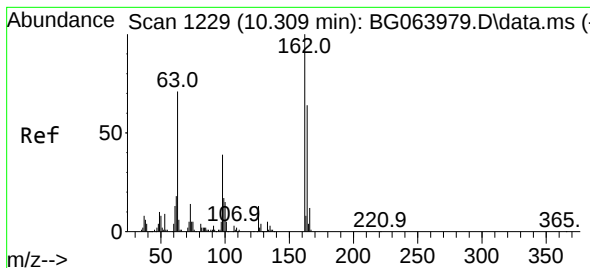
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 9.4 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 11.516 ng

RT: 10.304 min Scan# 1228

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

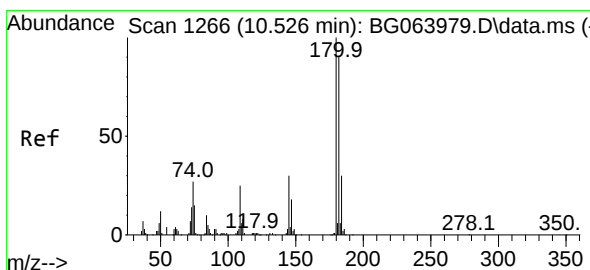
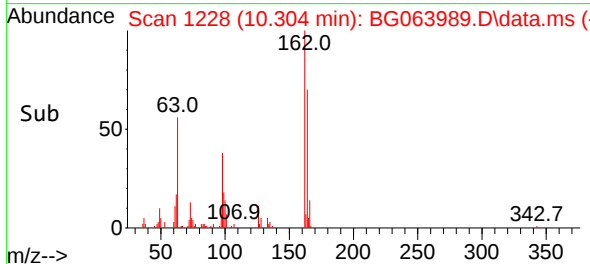
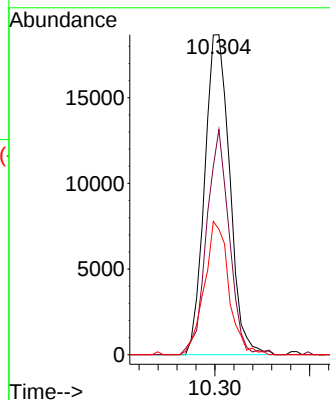
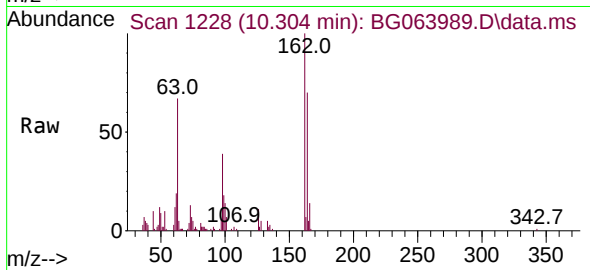
Tgt Ion:162 Resp: 34247

Ion Ratio Lower Upper

162 100

164 70.4 43.6 83.6

98 39.2 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 9.614 ng

RT: 10.527 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

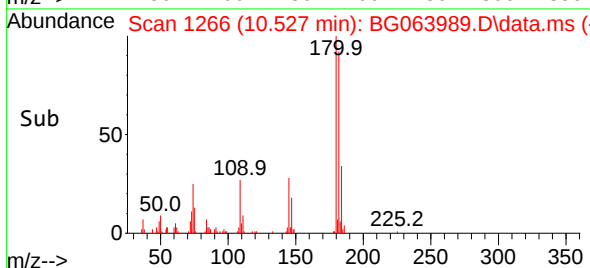
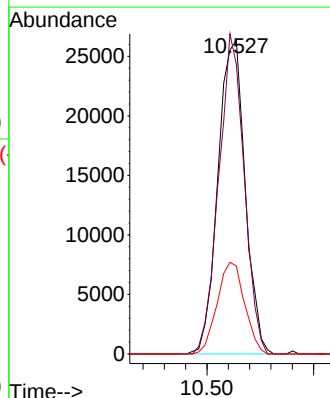
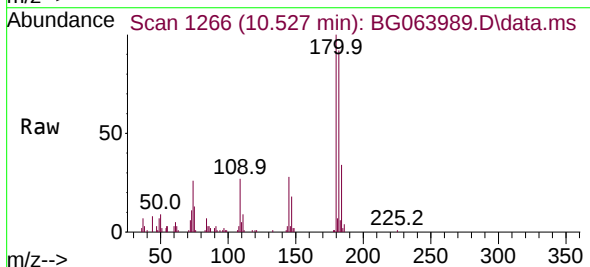
Tgt Ion:180 Resp: 46536

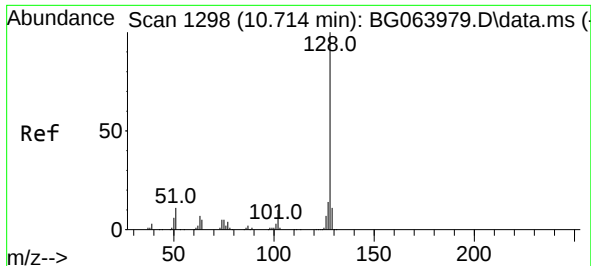
Ion Ratio Lower Upper

180 100

182 92.2 72.3 108.5

145 28.0 23.8 35.8

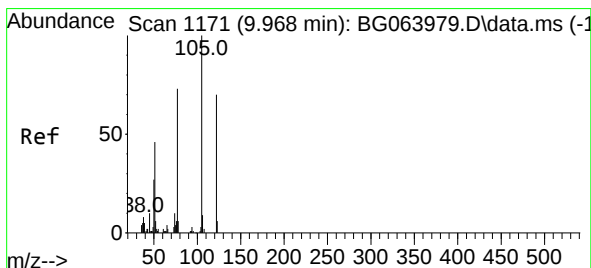
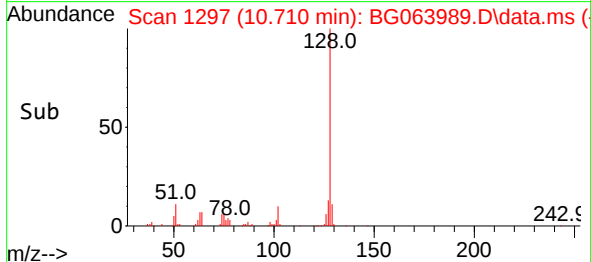
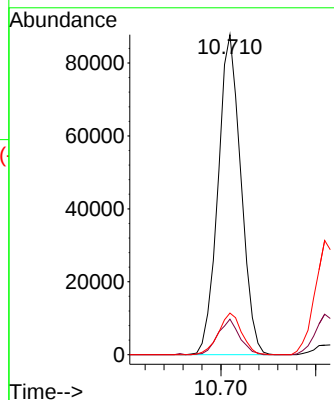
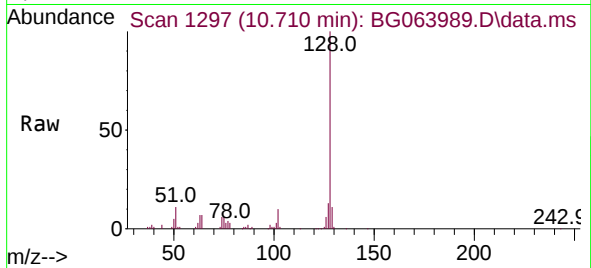




#31
Naphthalene
Concen: 9.547 ng
RT: 10.710 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

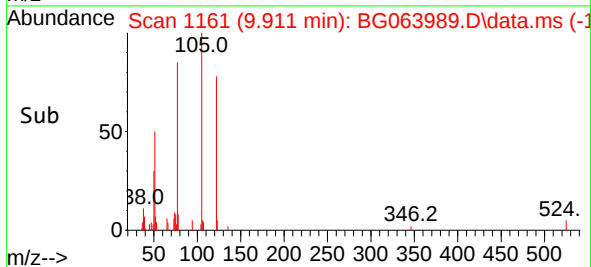
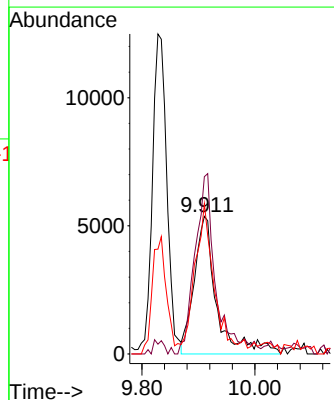
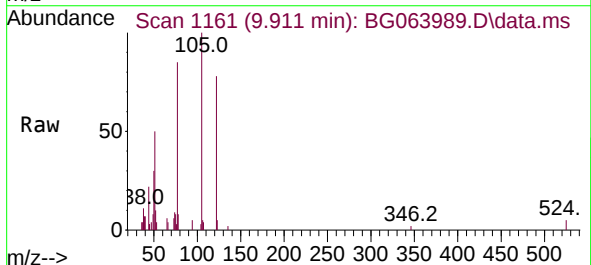
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

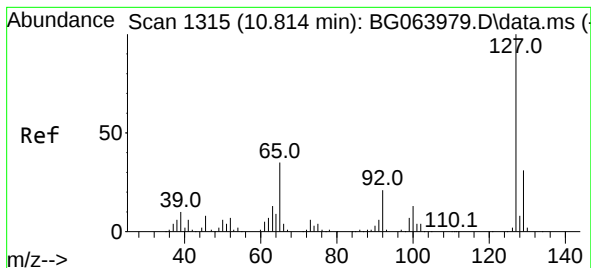
Tgt Ion:128 Resp: 146971
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 15.548 ng m
RT: 9.911 min Scan# 1161
Delta R.T. -0.057 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:122 Resp: 14875
Ion Ratio Lower Upper
122 100
105 128.8 117.9 157.9
77 109.2 83.9 123.9





#33

4-Chloroaniline

Concen: 9.168 ng

RT: 10.809 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:127 Resp: 54077

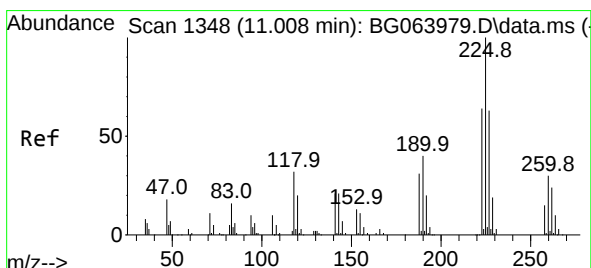
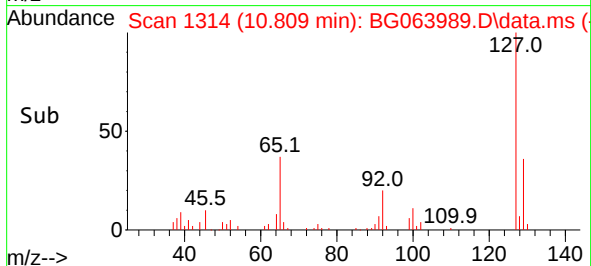
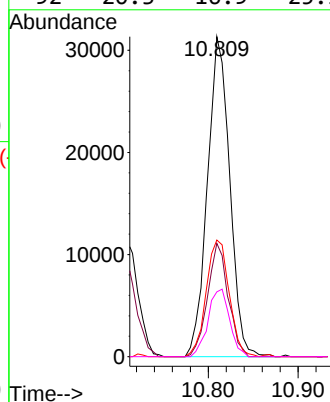
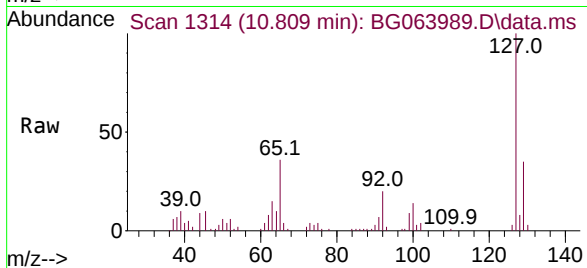
Ion Ratio Lower Upper

127 100

129 35.4 24.9 37.3

65 36.5 28.2 42.4

92 20.3 16.9 25.3



#34

Hexachlorobutadiene

Concen: 9.433 ng

RT: 11.003 min Scan# 1347

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

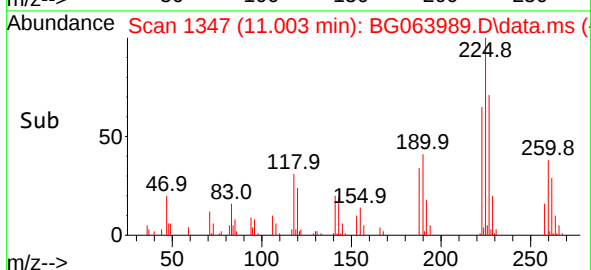
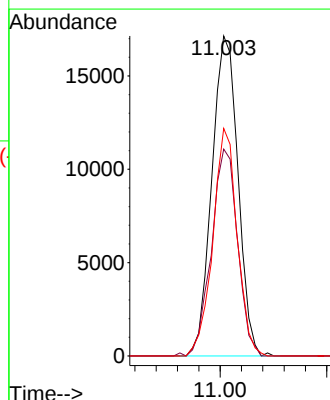
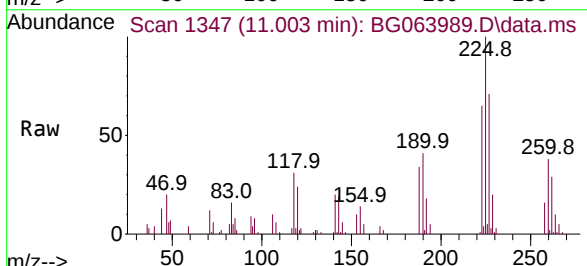
Tgt Ion:225 Resp: 29076

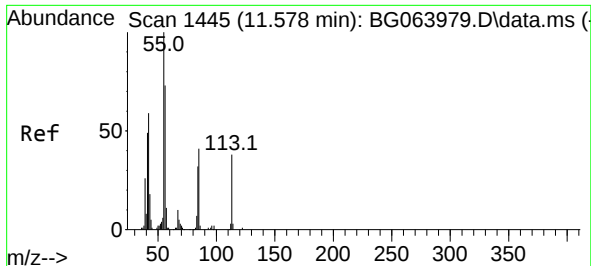
Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

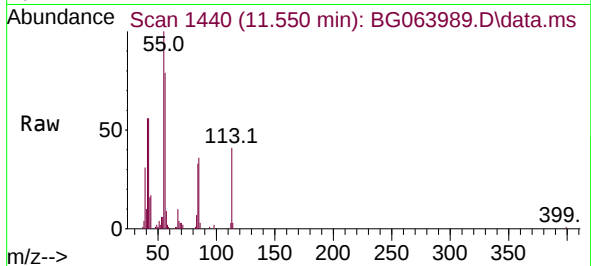
227 71.1 50.3 75.5



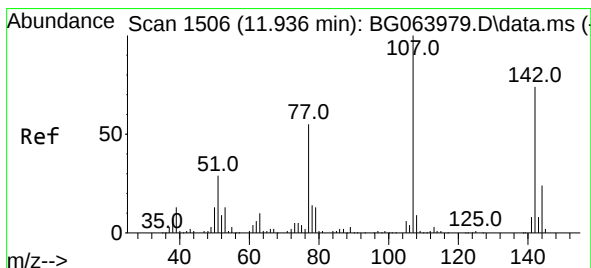
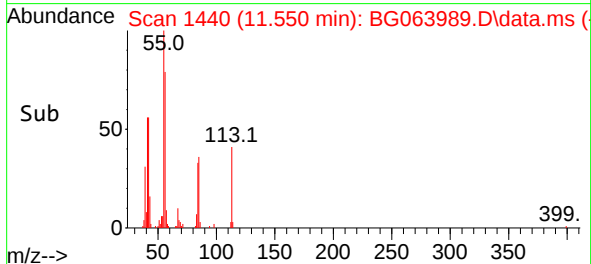
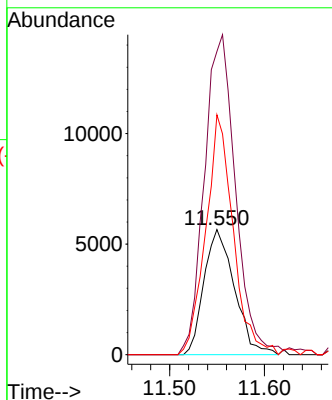


#35
Caprolactam
Concen: 12.782 ng
RT: 11.550 min Scan# 14
Delta R.T. -0.028 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

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

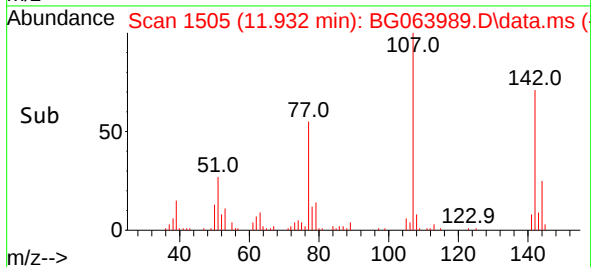
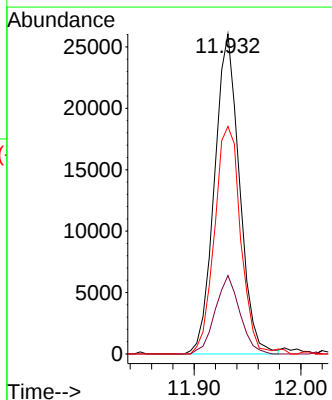
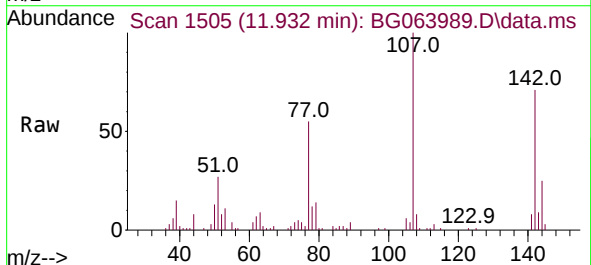


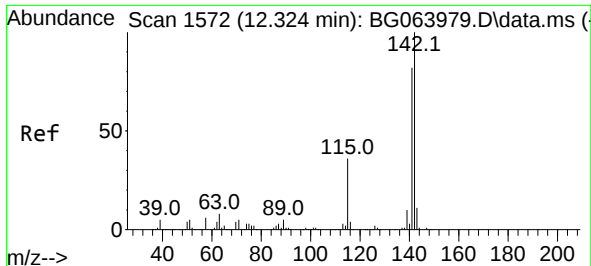
Tgt Ion:113 Resp: 12647
Ion Ratio Lower Upper
113 100
55 242.4 241.8 281.8
56 191.7 171.5 211.5



#36
4-Chloro-3-methylphenol
Concen: 8.996 ng
RT: 11.932 min Scan# 1505
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:107 Resp: 42424
Ion Ratio Lower Upper
107 100
144 24.5 19.2 28.8
142 71.1 58.9 88.3

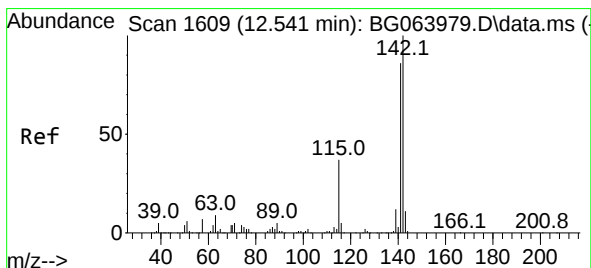
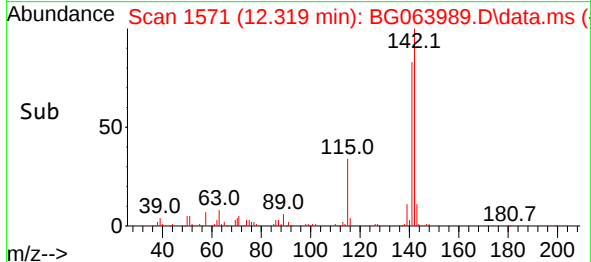
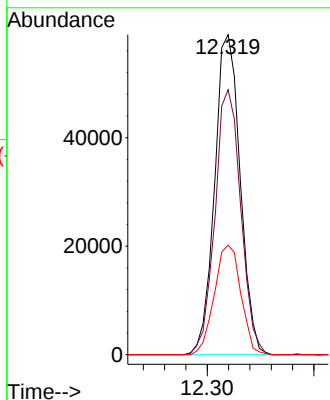
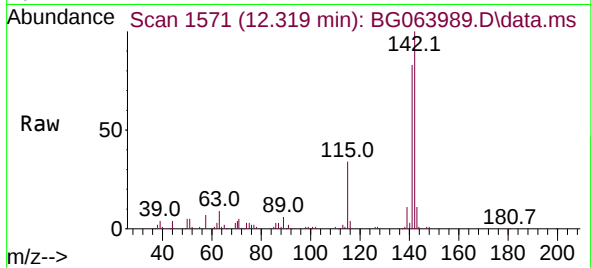




#37
2-Methylnaphthalene
Concen: 9.125 ng
RT: 12.319 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

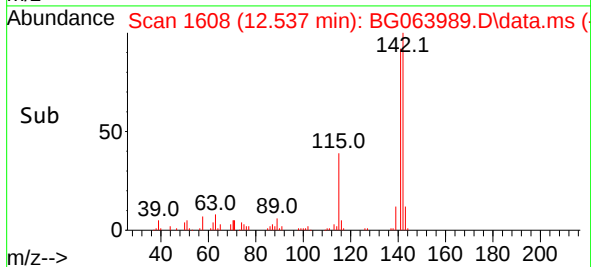
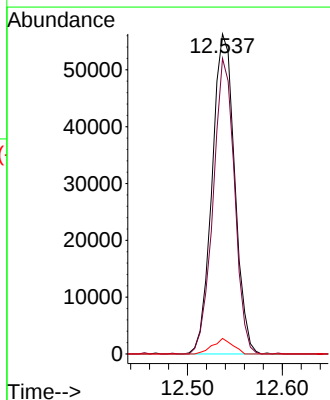
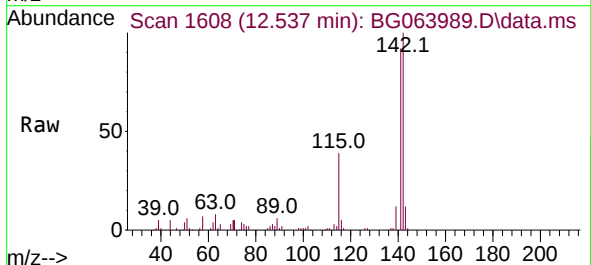
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

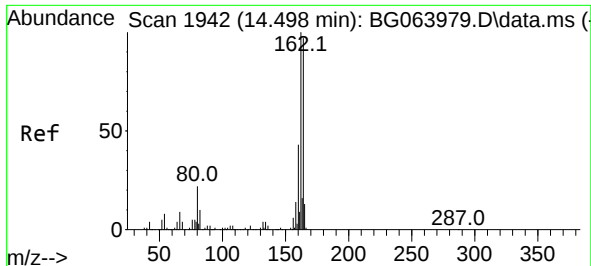
Tgt Ion:142 Resp: 97895
Ion Ratio Lower Upper
142 100
141 82.8 65.8 98.8
115 34.3 28.9 43.3



#38
1-Methylnaphthalene
Concen: 8.795 ng
RT: 12.537 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:142 Resp: 93362
Ion Ratio Lower Upper
142 100
141 92.4 69.2 103.8
116 4.8 3.6 5.4

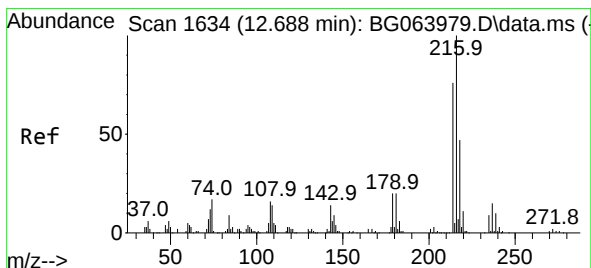
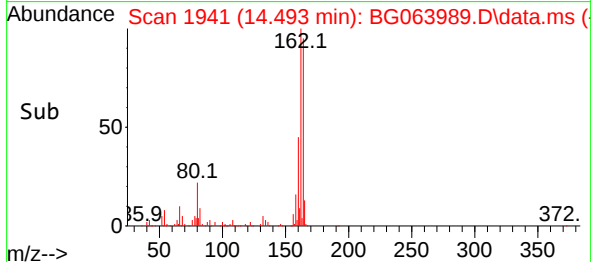
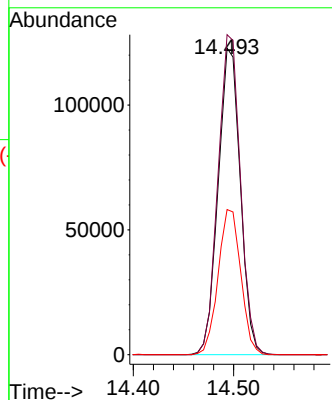
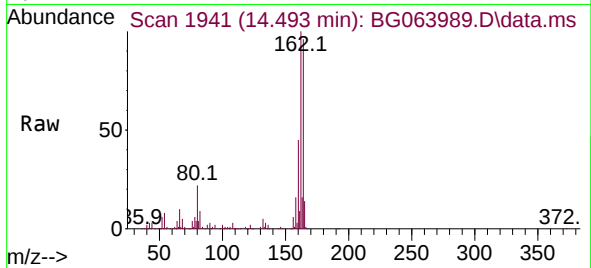




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

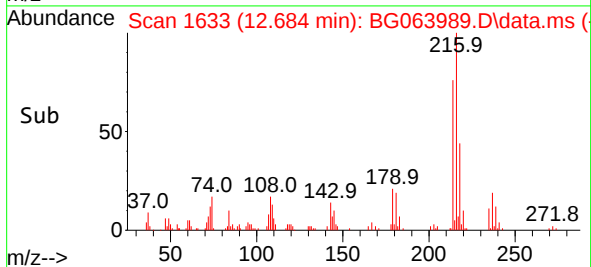
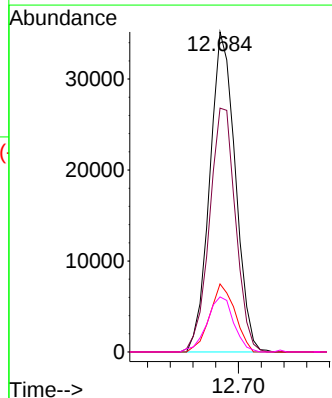
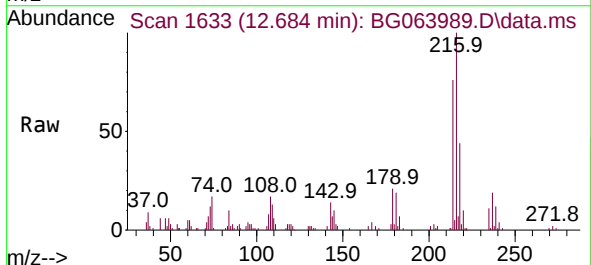
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

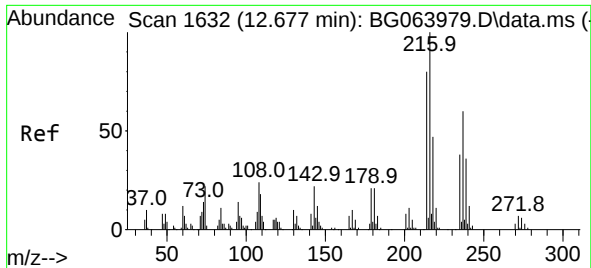
Tgt Ion:164 Resp: 188261
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 47.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.875 ng
RT: 12.684 min Scan# 1633
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:216 Resp: 54822
Ion Ratio Lower Upper
216 100
214 77.7 62.9 94.3
179 21.0 16.6 25.0
108 18.0 14.2 21.4

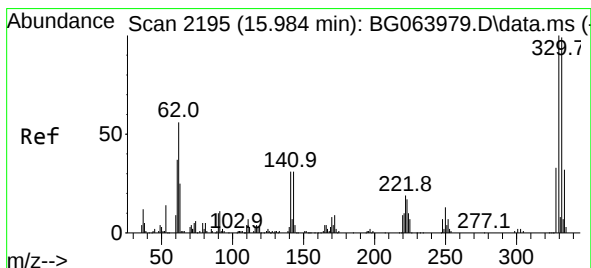
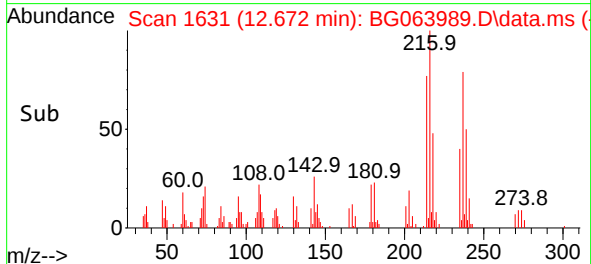
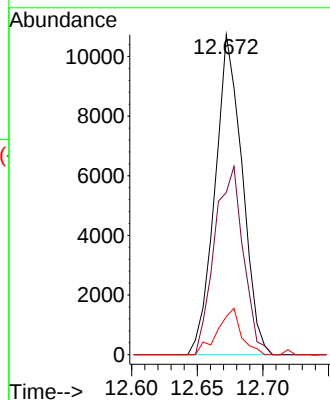
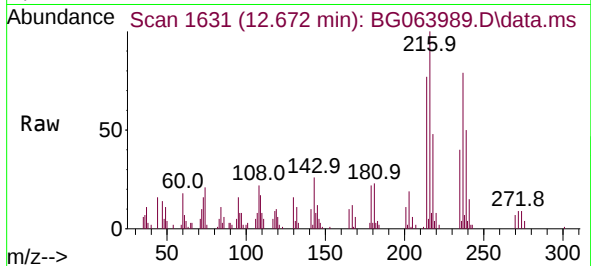




#41
Hexachlorocyclopentadiene
Concen: 11.006 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

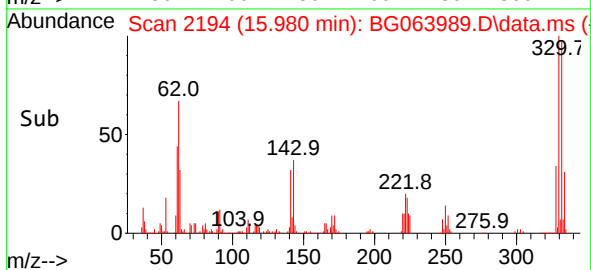
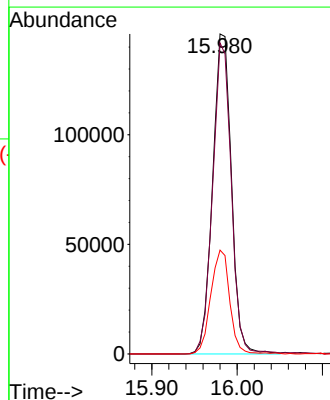
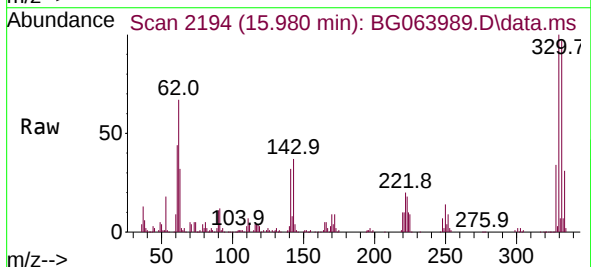
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

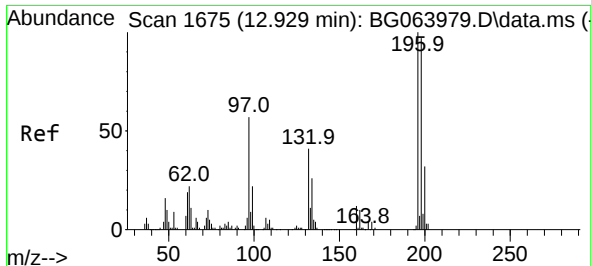
Tgt Ion:237	Resp:	15464
Ion Ratio	Lower	Upper
237	100	
235	50.7	43.8 83.8
272	11.9	0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 105.900 ng
RT: 15.980 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:330	Resp:	223347
Ion Ratio	Lower	Upper
330	100	
332	96.3	79.0 118.6
141	32.8	27.2 40.8

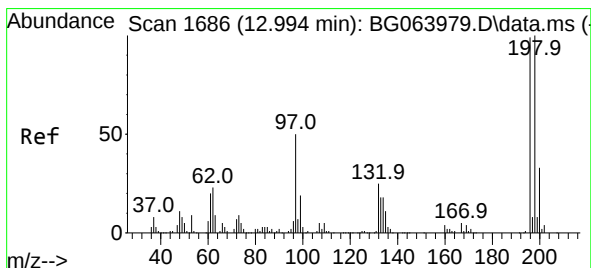
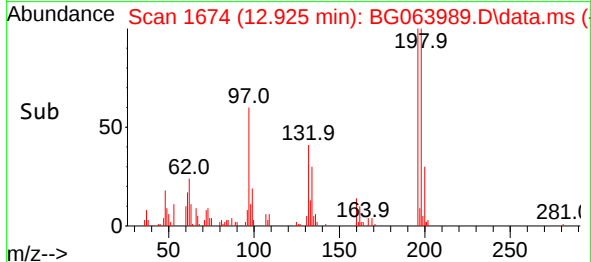
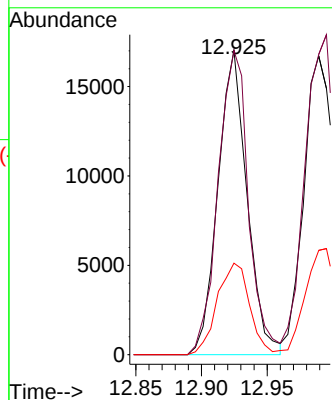
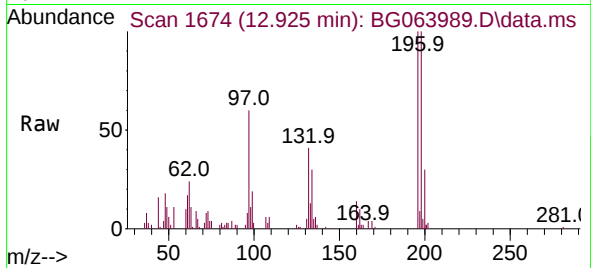




#43
2,4,6-Trichlorophenol
Concen: 12.109 ng
RT: 12.925 min Scan# 1675
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

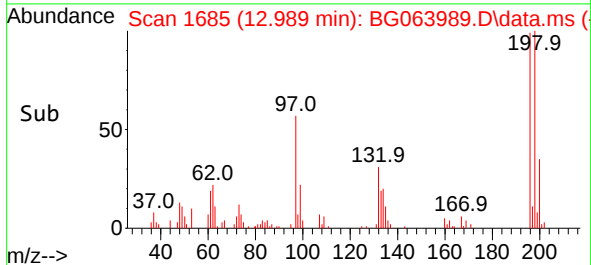
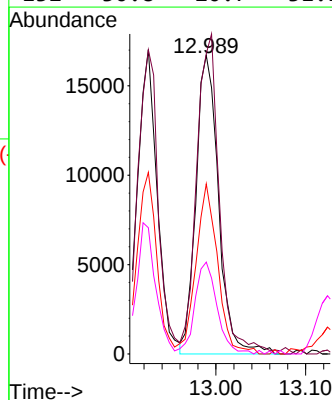
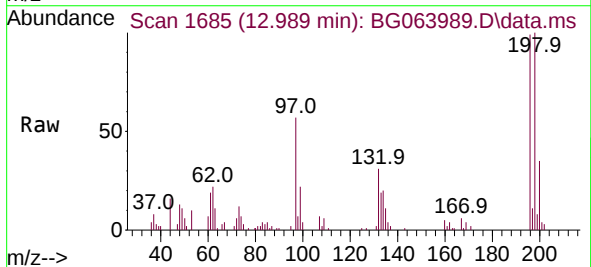
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

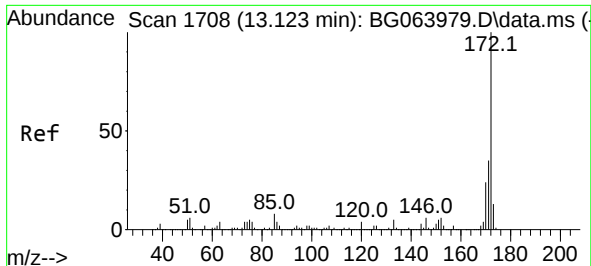
Tgt Ion:196 Resp: 26210
Ion Ratio Lower Upper
196 100
198 100.0 77.9 116.9
200 31.7 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 11.248 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:196 Resp: 29227
Ion Ratio Lower Upper
196 100
198 100.6 81.1 121.7
97 57.0 41.2 61.8
132 30.8 20.7 31.1

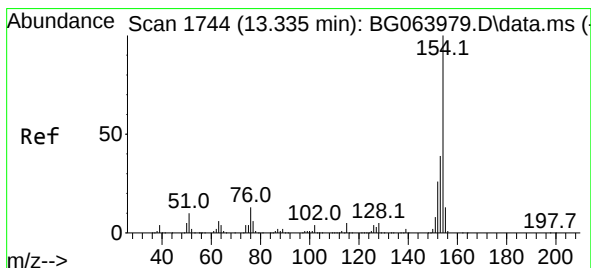
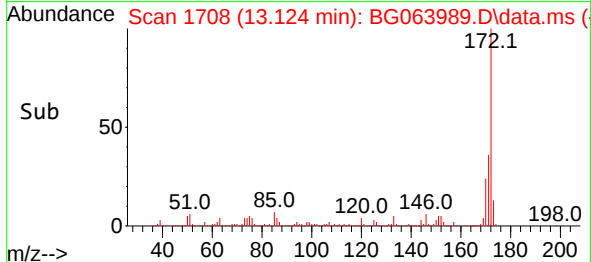
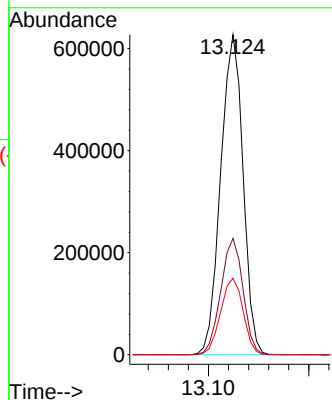
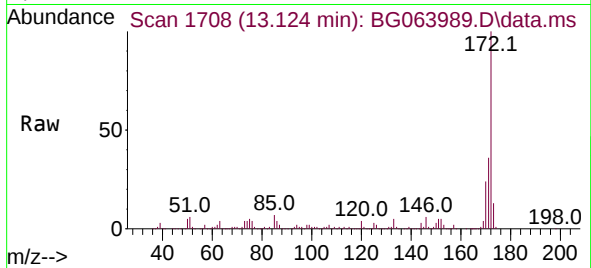




#45
2-Fluorobiphenyl
Concen: 78.815 ng
RT: 13.124 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

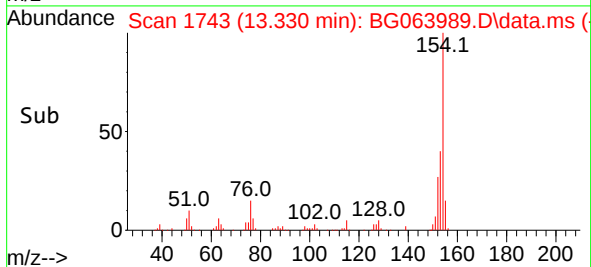
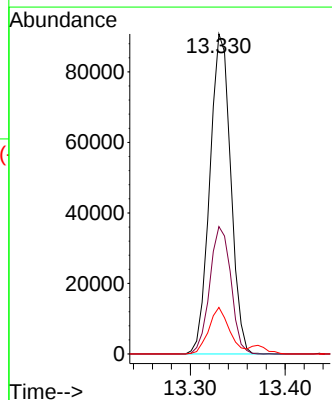
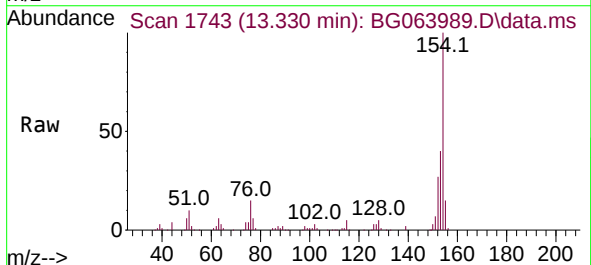
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

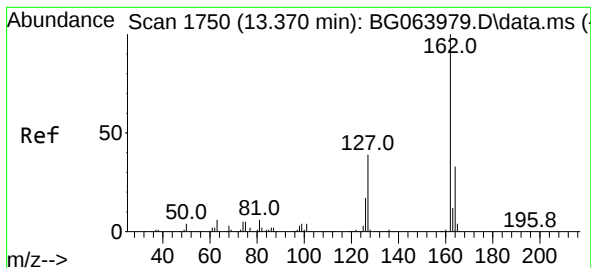
Tgt Ion:172 Resp: 968441
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.6
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 9.672 ng
RT: 13.330 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:154 Resp: 138629
Ion Ratio Lower Upper
154 100
153 39.8 19.3 59.3
76 14.6 0.0 33.3

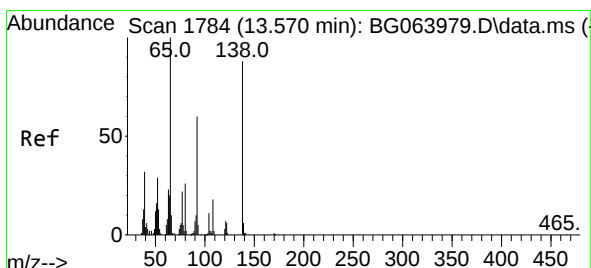
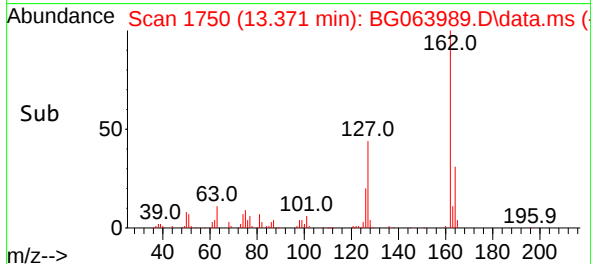
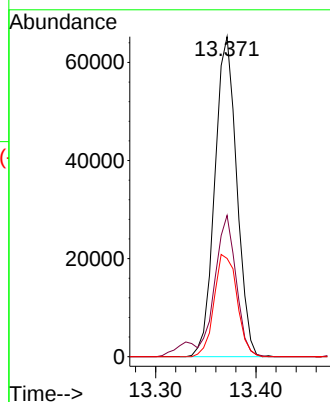
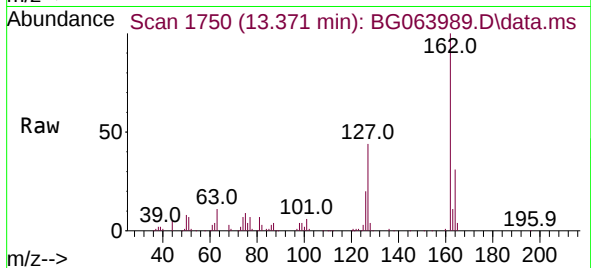




#47
2-Chloronaphthalene
Concen: 9.481 ng
RT: 13.371 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

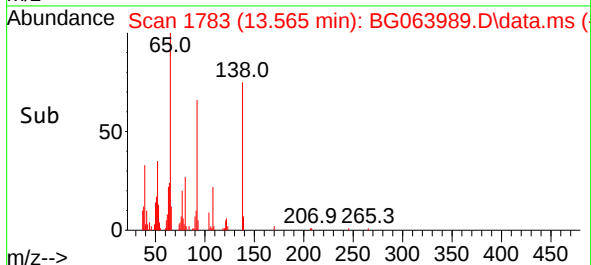
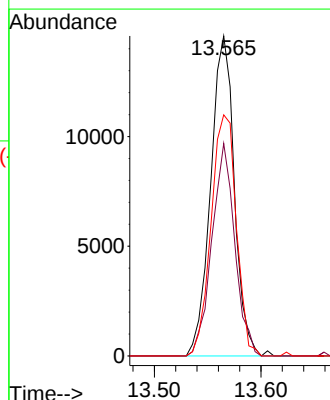
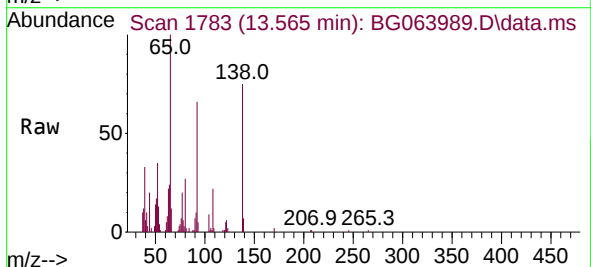
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

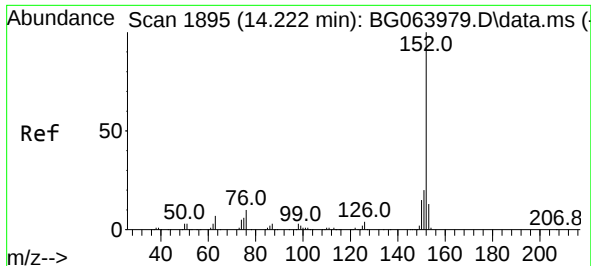
Tgt Ion:162 Resp: 99052
Ion Ratio Lower Upper
162 100
127 44.2 33.4 50.2
164 30.7 26.0 39.0



#48
2-Nitroaniline
Concen: 12.992 ng
RT: 13.565 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion: 65 Resp: 22472
Ion Ratio Lower Upper
65 100
92 66.4 47.6 71.4
138 75.4 70.6 106.0

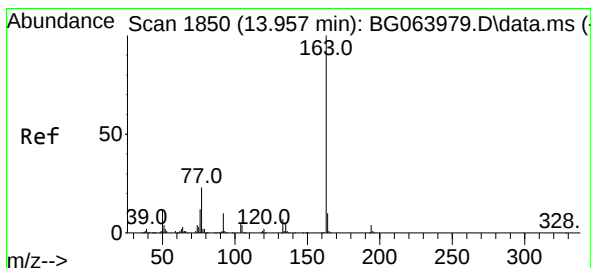
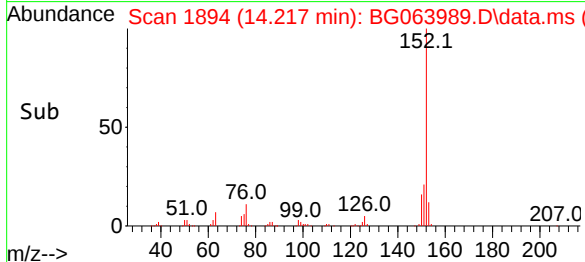
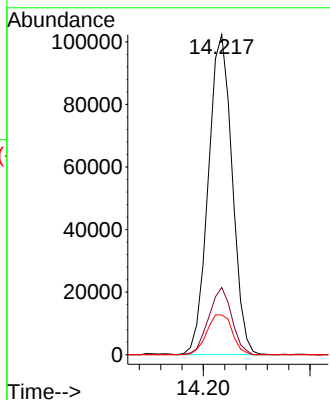
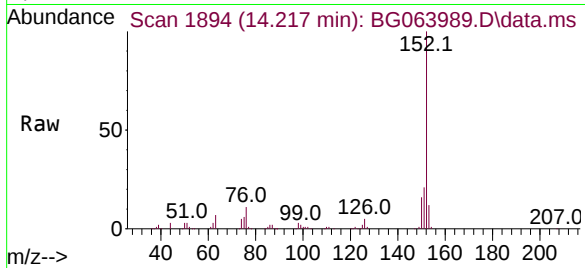




#49
Acenaphthylene
Concen: 9.789 ng
RT: 14.217 min Scan# 1894
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

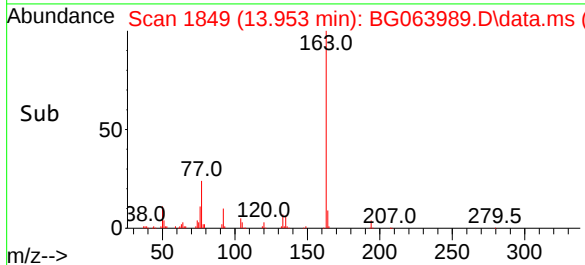
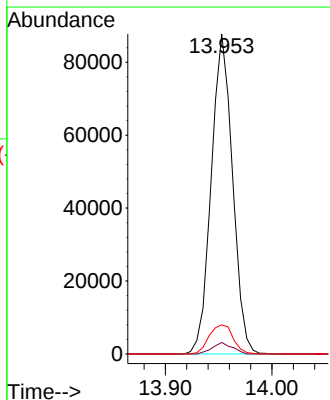
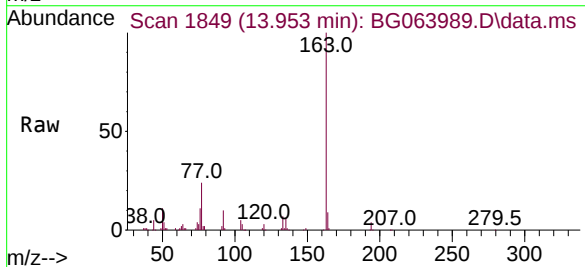
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

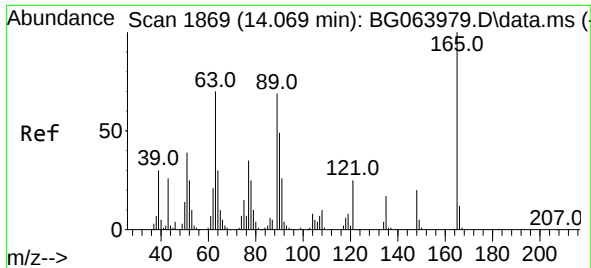
Tgt Ion:152 Resp: 158853
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 12.4 10.3 15.5



#50
Dimethylphthalate
Concen: 9.731 ng
RT: 13.953 min Scan# 1849
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:163 Resp: 121471
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.1 8.0 12.0

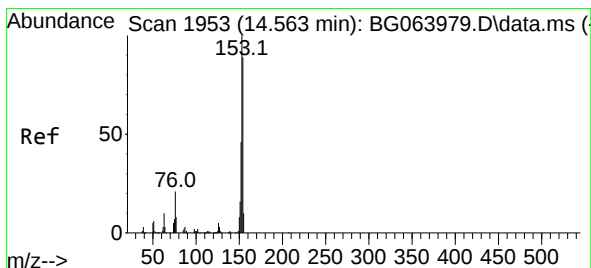
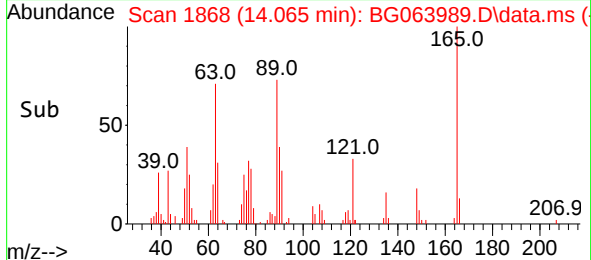
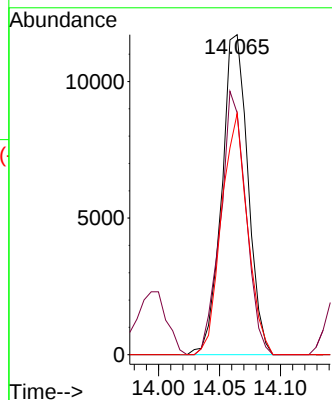
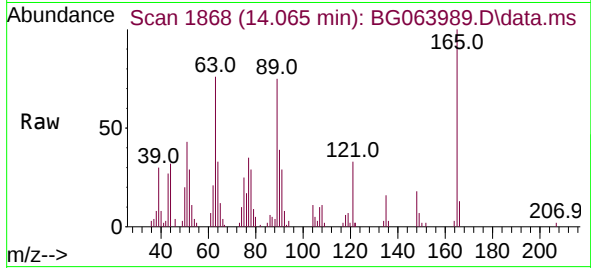




#51
2,6-Dinitrotoluene
Concen: 12.030 ng
RT: 14.065 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

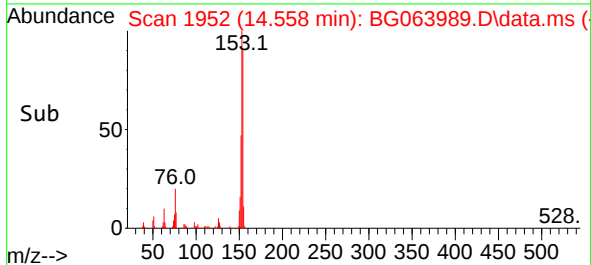
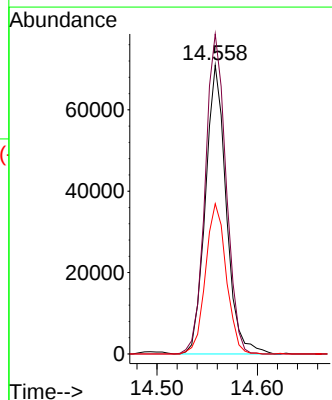
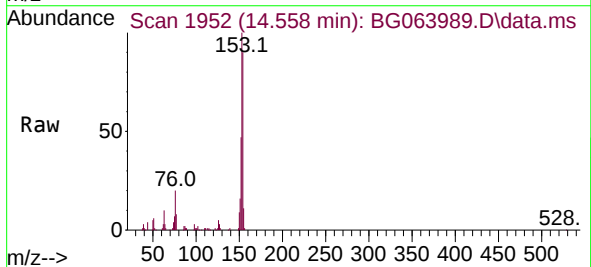
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

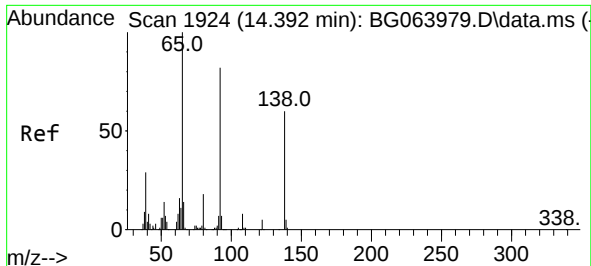
Tgt Ion:165 Resp: 17470
Ion Ratio Lower Upper
165 100
63 75.6 57.7 86.5
89 75.4 55.6 83.4



#52
Acenaphthene
Concen: 9.432 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:154 Resp: 102665
Ion Ratio Lower Upper
154 100
153 110.8 90.2 135.2
152 52.0 41.1 61.7

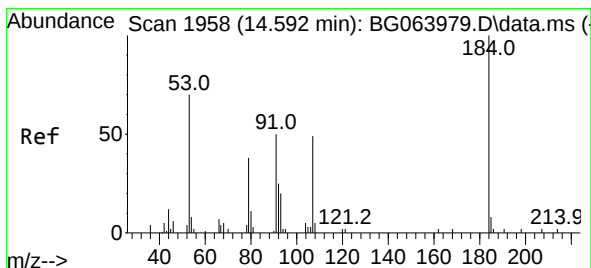
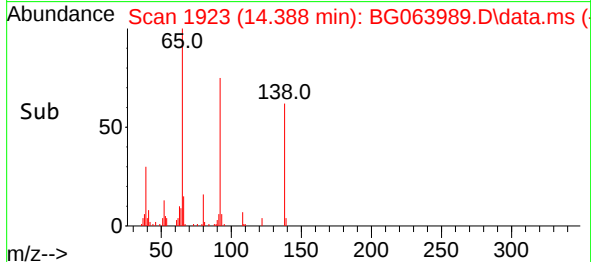
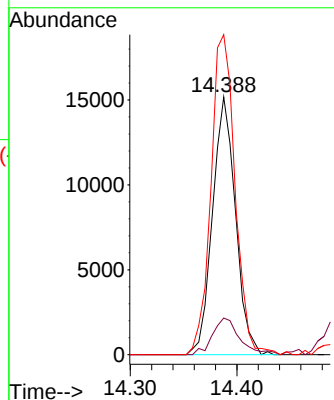
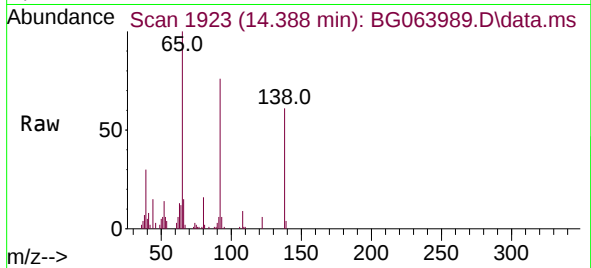




#53
3-Nitroaniline
Concen: 12.634 ng
RT: 14.388 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

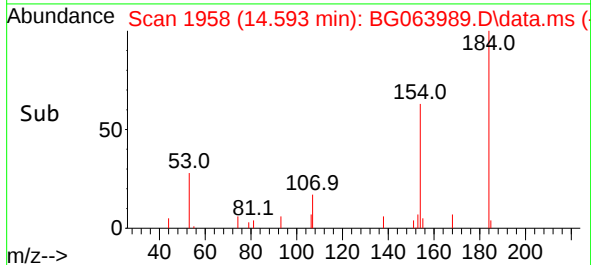
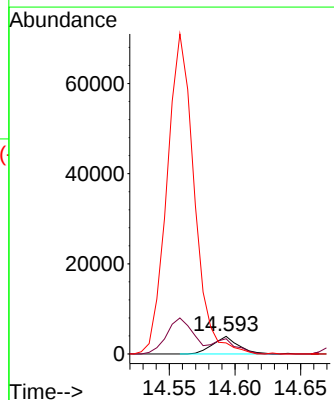
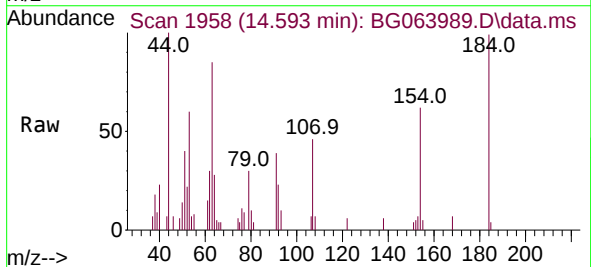
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

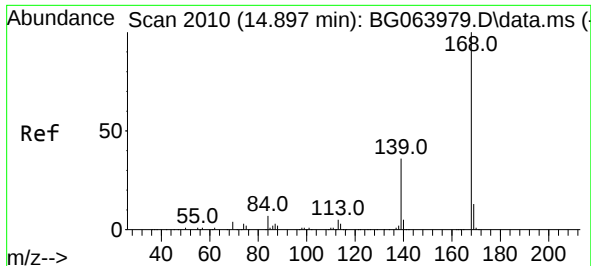
Tgt Ion:138 Resp: 22724
Ion Ratio Lower Upper
138 100
108 14.2 10.3 15.5
92 124.1 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 15.695 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:184 Resp: 5214
Ion Ratio Lower Upper
184 100
63 86.2 67.3 100.9
154 62.5 65.9 98.9#

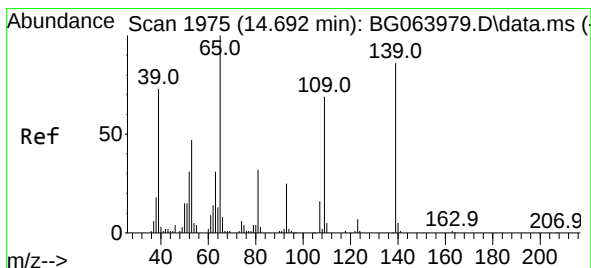
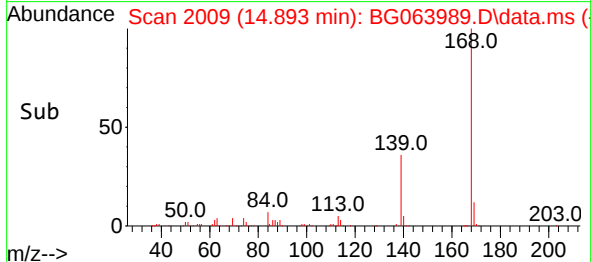
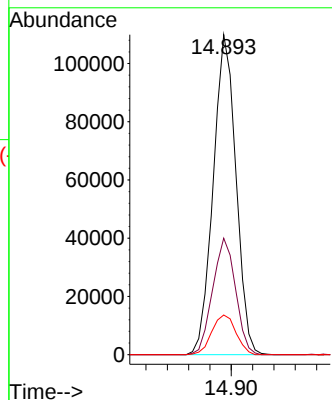
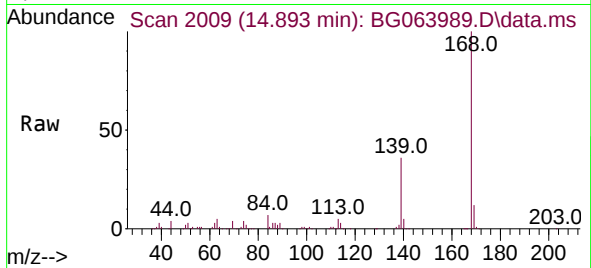




#55
Dibenzenofuran
Concen: 9.194 ng
RT: 14.893 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

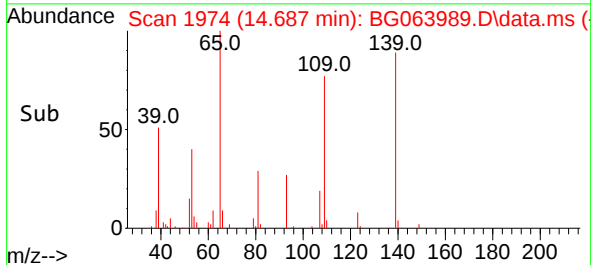
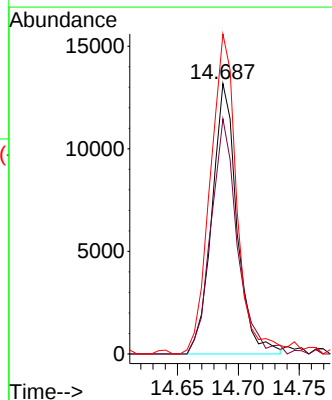
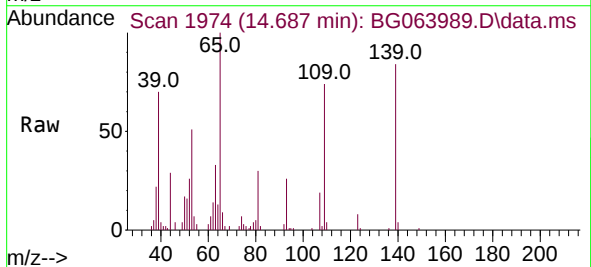
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

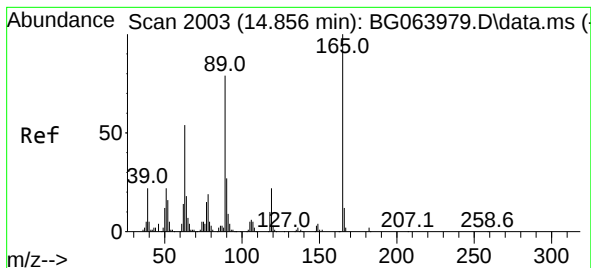
Tgt Ion:168 Resp: 162502
Ion Ratio Lower Upper
168 100
139 36.4 28.6 43.0
169 12.4 10.6 16.0



#56
4-Nitrophenol
Concen: 15.384 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:139 Resp: 18756
Ion Ratio Lower Upper
139 100
109 87.0 60.1 100.1
65 118.3 96.2 136.2

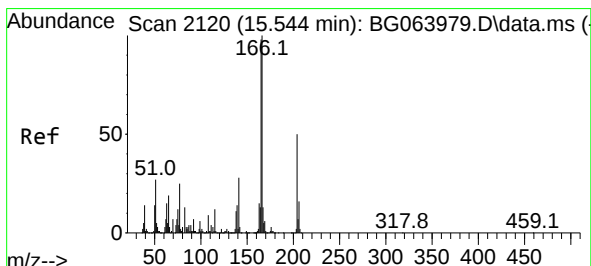
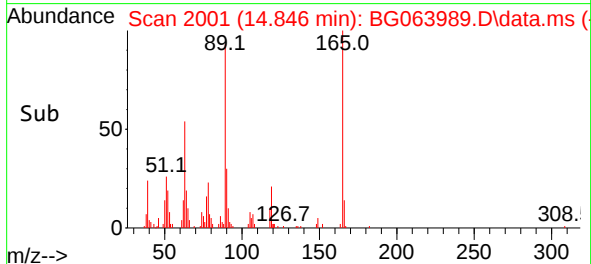
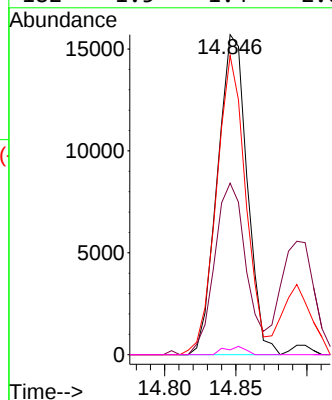
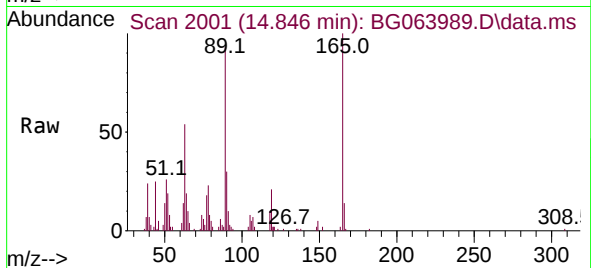




#57
2,4-Dinitrotoluene
Concen: 12.569 ng
RT: 14.846 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

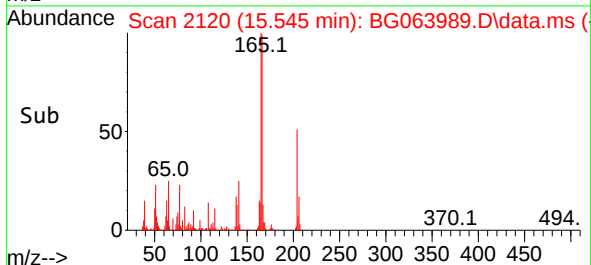
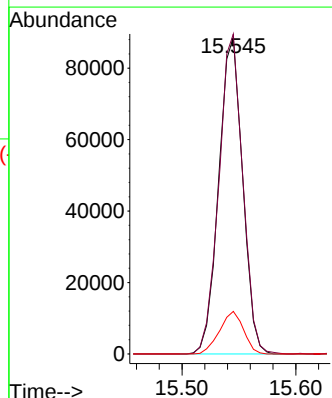
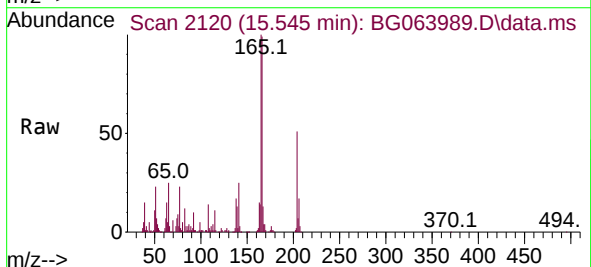
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

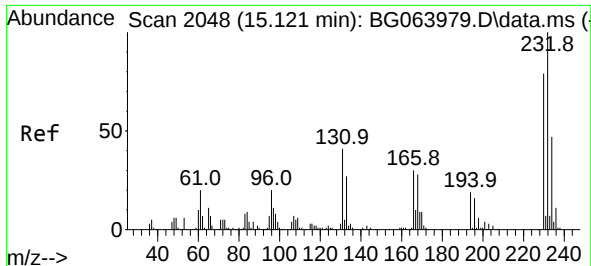
Tgt Ion	165	Resp:	22884
	Ratio	Lower	Upper
165	100		
63	53.6	43.6	65.4
89	93.5	63.1	94.7
182	1.5	1.4	2.0



#58
Fluorene
Concen: 9.440 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:166	Resp:	128966	
Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.7	118.1
167	13.5	10.1	15.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 12.098 ng

RT: 15.116 min Scan# 2047

Delta R.T. -0.005 min

Lab File: BG063989.D

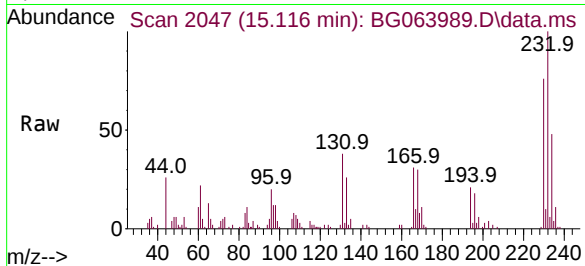
Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:232 Resp: 27377

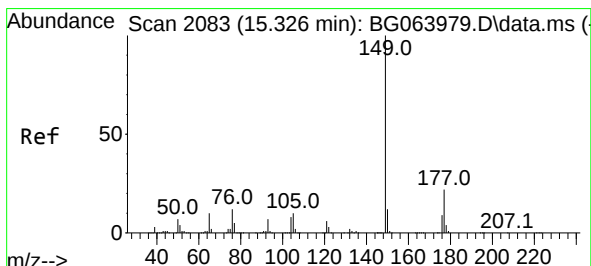
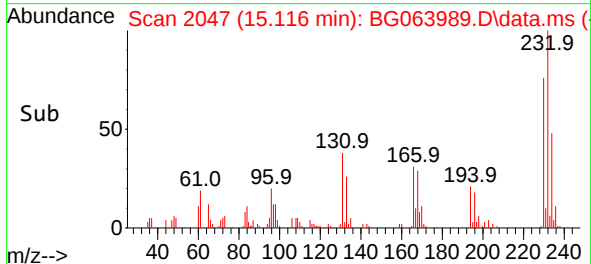
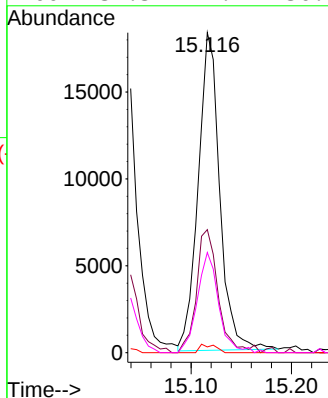
Ion Ratio Lower Upper

232 100

131 38.9 34.0 51.0

130 1.9 2.2 3.4#

166 31.3 24.1 36.1



#60

Diethylphthalate

Concen: 9.748 ng

RT: 15.322 min Scan# 2082

Delta R.T. -0.004 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

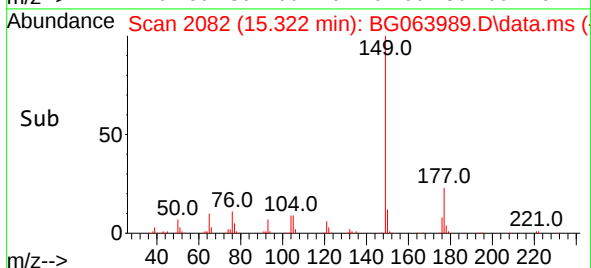
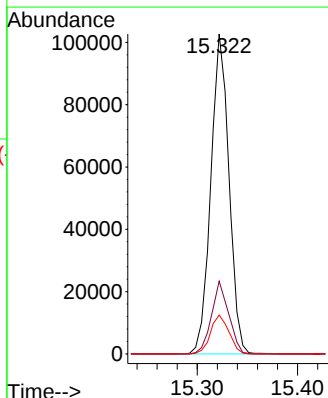
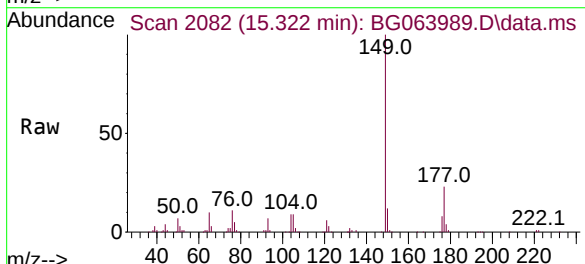
Tgt Ion:149 Resp: 129002

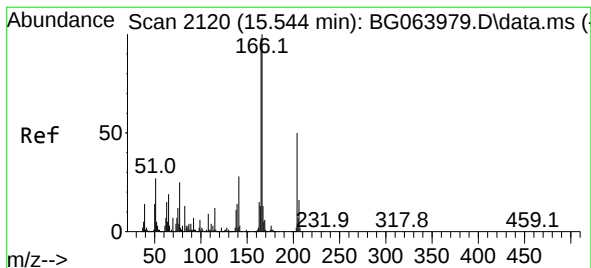
Ion Ratio Lower Upper

149 100

177 22.8 18.0 27.0

150 12.1 9.7 14.5

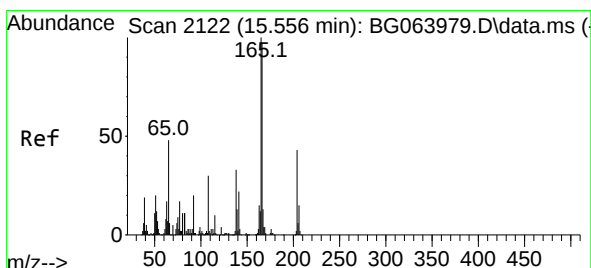
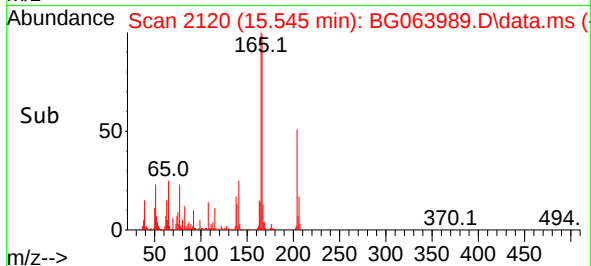
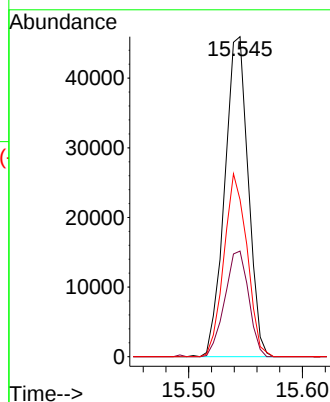
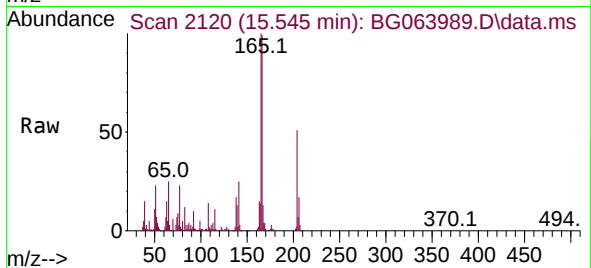




#61
4-Chlorophenyl-phenylether
Concen: 9.621 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

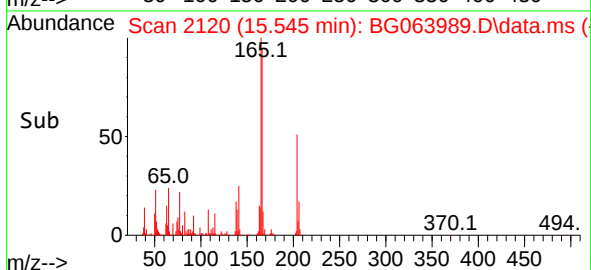
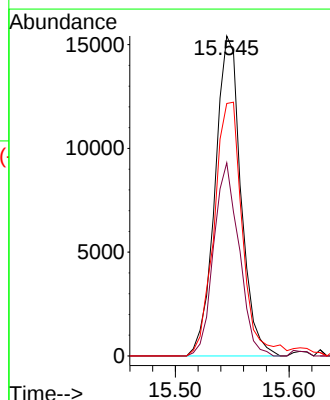
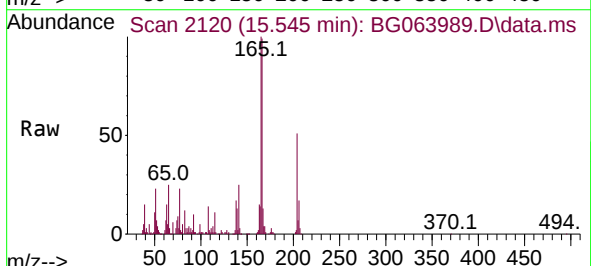
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

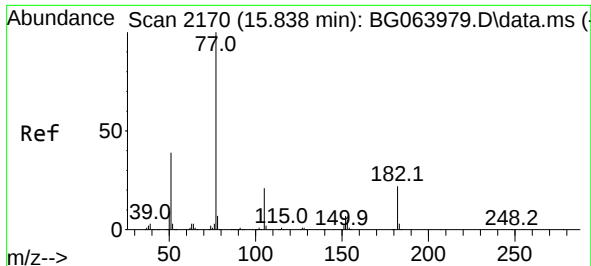
Tgt Ion:204 Resp: 65943
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 49.0 44.6 67.0



#62
4-Nitroaniline
Concen: 11.526 ng
RT: 15.545 min Scan# 2120
Delta R.T. -0.011 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:138 Resp: 24418
Ion Ratio Lower Upper
138 100
92 60.4 40.3 80.3
108 78.9 69.3 109.3

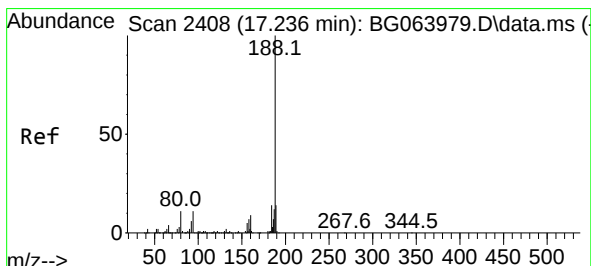
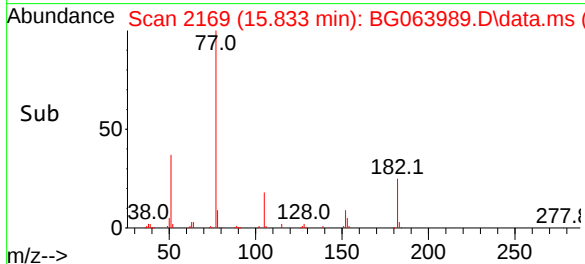
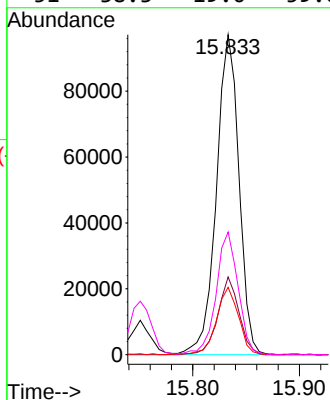
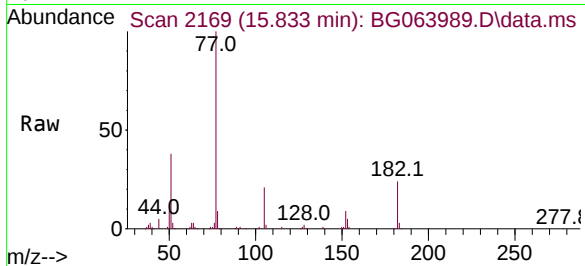




#63
Azobenzene
Concen: 9.119 ng
RT: 15.833 min Scan# 2170
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

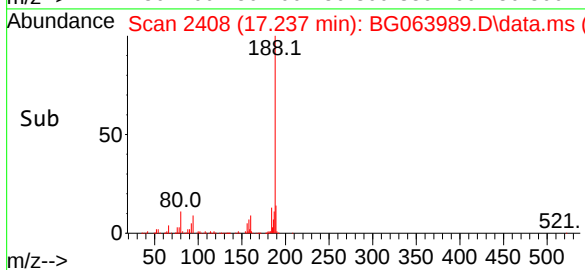
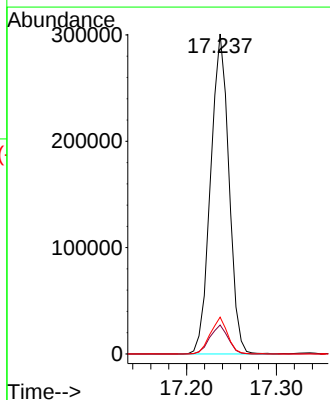
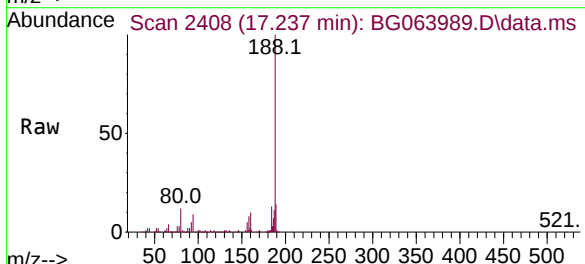
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

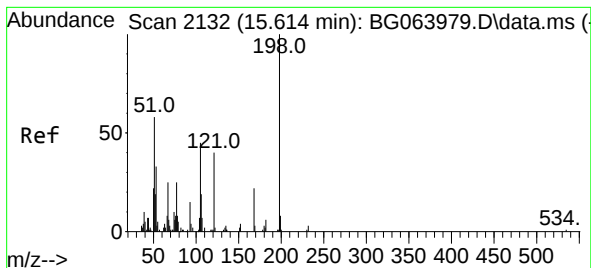
Tgt Ion: 77	Resp: 142544
Ion Ratio	Lower Upper
77 100	
182 24.3	2.3 42.3
105 21.0	1.0 41.0
51 38.3	19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.237 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:188	Resp: 425854
Ion Ratio	Lower Upper
188 100	
94 9.1	8.6 13.0
80 11.5	8.5 12.7

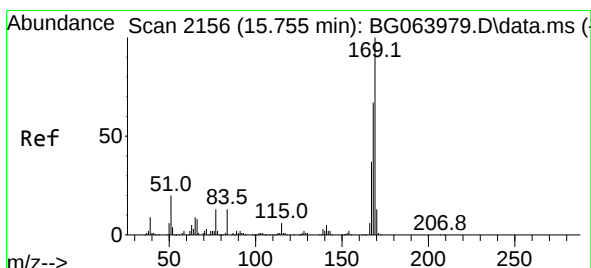
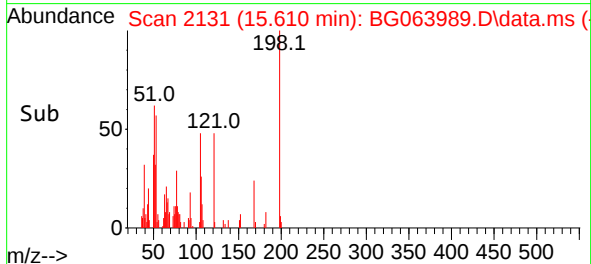
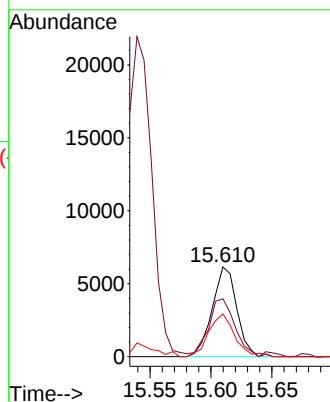
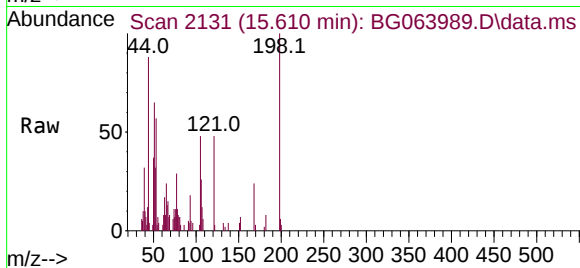




#65
4,6-Dinitro-2-methylphenol
Concen: 14.982 ng
RT: 15.610 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

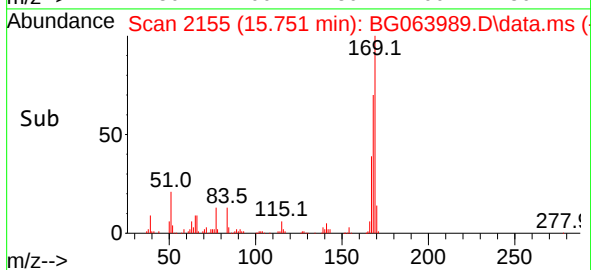
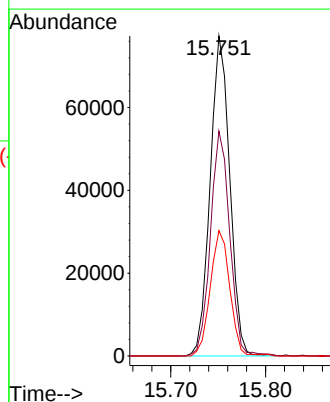
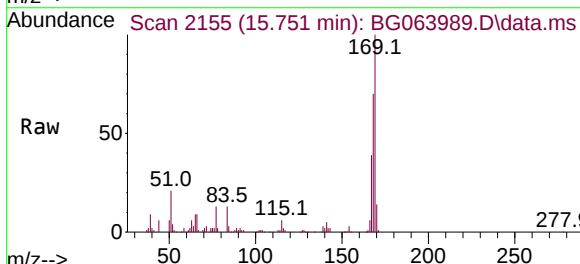
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

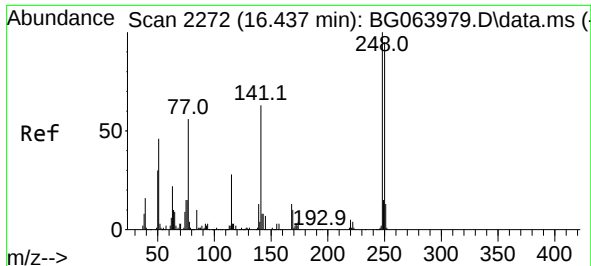
Tgt Ion:198 Resp: 8618
Ion Ratio Lower Upper
198 100
51 64.5 45.4 85.4
105 47.6 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 9.405 ng
RT: 15.751 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:169 Resp: 111042
Ion Ratio Lower Upper
169 100
168 70.3 53.5 80.3
167 39.1 30.0 45.0

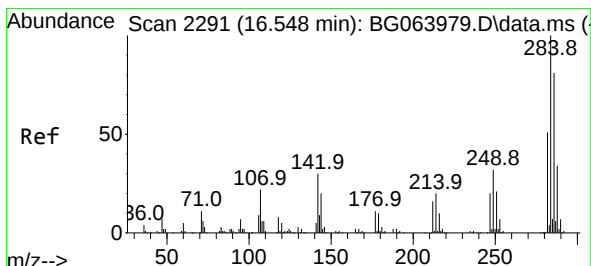
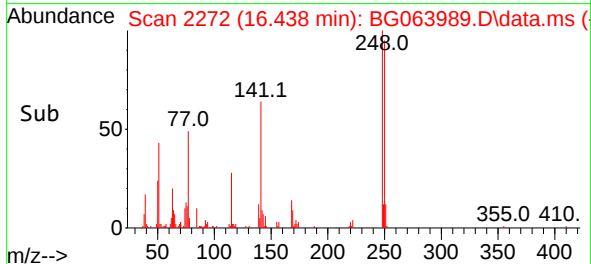
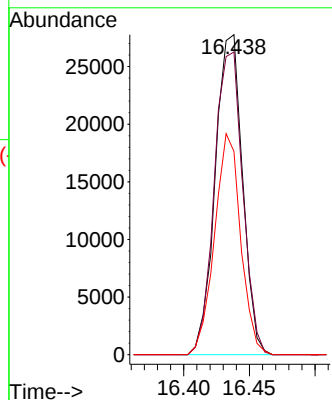
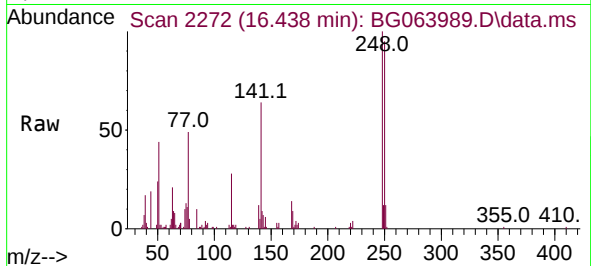




#67
4-Bromophenyl-phenylether
Concen: 9.484 ng
RT: 16.438 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

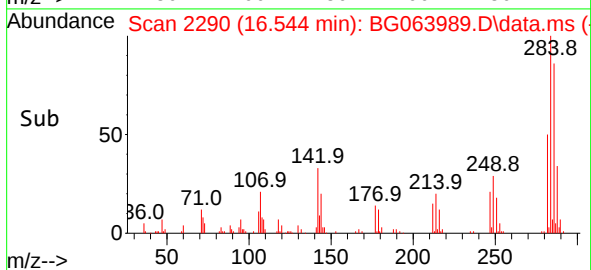
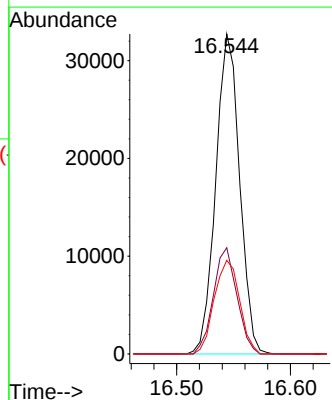
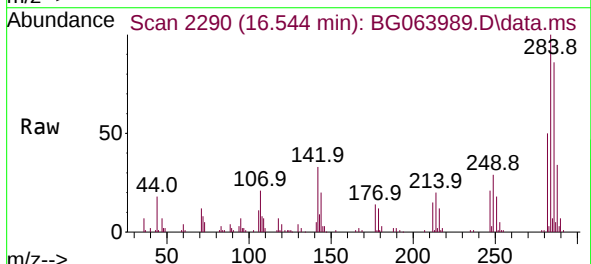
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

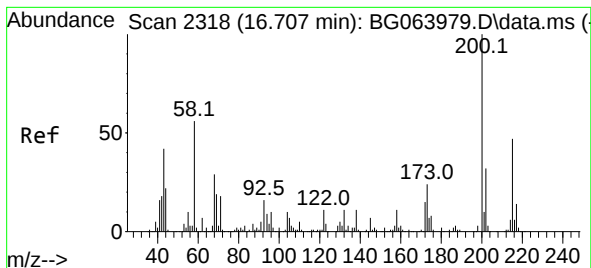
Tgt Ion:248 Resp: 40198
Ion Ratio Lower Upper
248 100
250 94.6 76.2 114.4
141 63.5 50.6 75.8



#68
Hexachlorobenzene
Concen: 9.570 ng
RT: 16.544 min Scan# 2290
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:284 Resp: 47690
Ion Ratio Lower Upper
284 100
142 33.2 23.8 35.8
249 29.2 25.9 38.9





#69

Atrazine

Concen: 10.335 ng

RT: 16.703 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

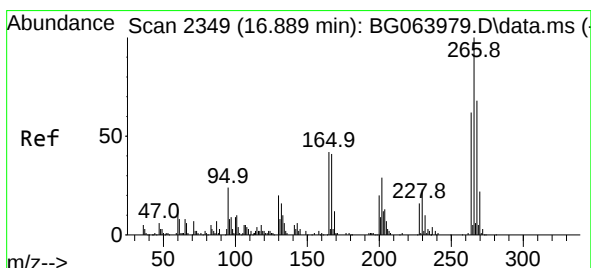
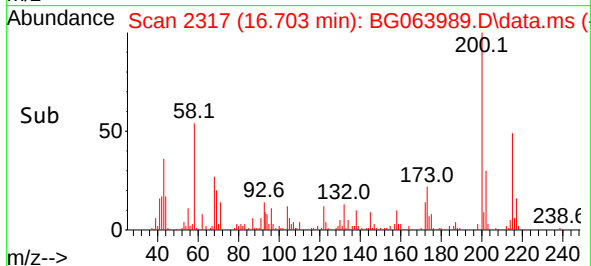
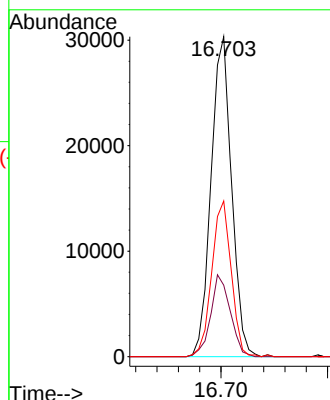
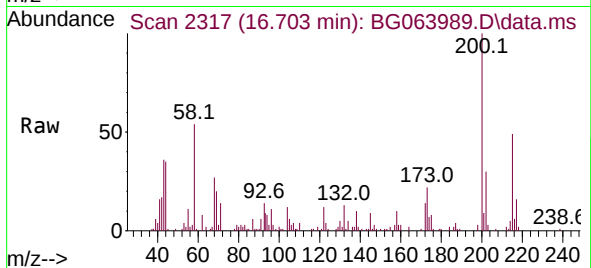
Tgt Ion:200 Resp: 40609

Ion Ratio Lower Upper

200 100

173 22.4 3.8 43.8

215 48.7 26.6 66.6



#70

Pentachlorophenol

Concen: 15.431 ng

RT: 16.885 min Scan# 2348

Delta R.T. -0.004 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

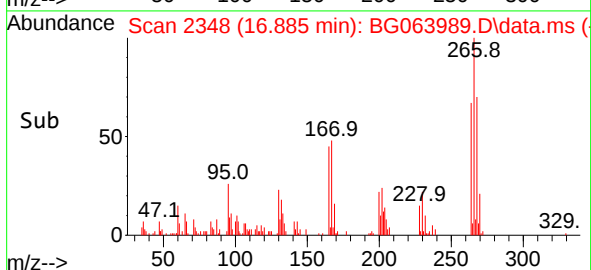
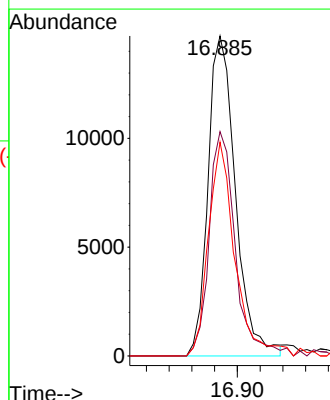
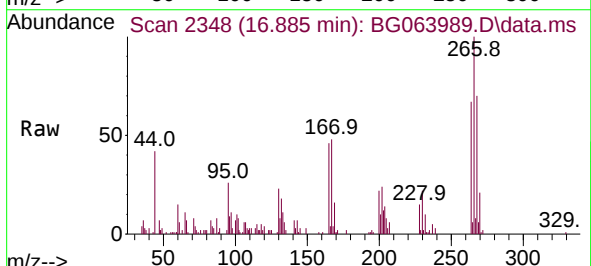
Tgt Ion:266 Resp: 24622

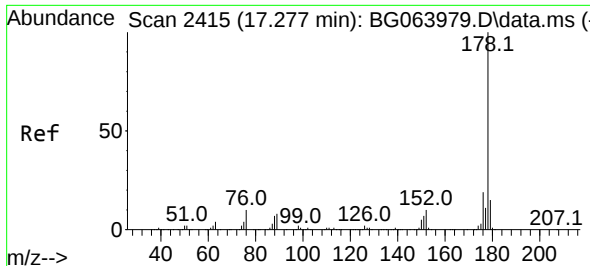
Ion Ratio Lower Upper

266 100

268 70.1 54.8 82.2

264 66.8 50.0 75.0

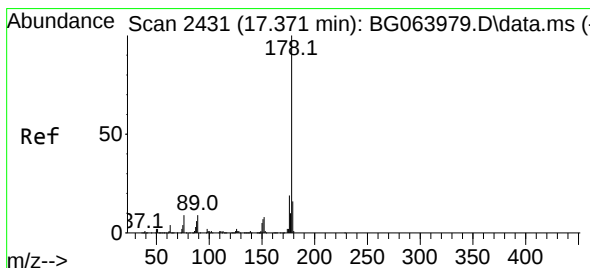
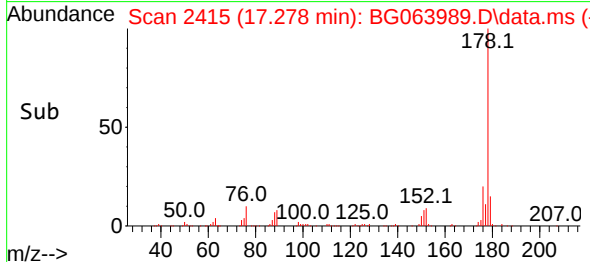
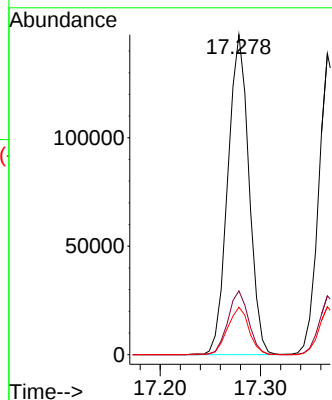
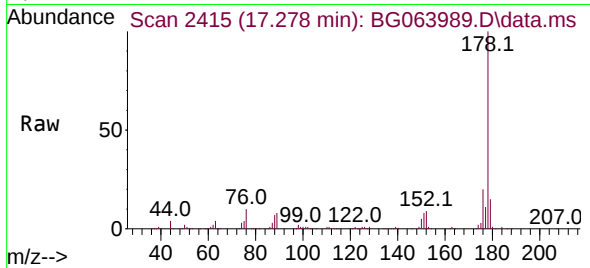




#71
Phenanthrene
Concen: 9.641 ng
RT: 17.278 min Scan# 2415
Delta R.T. 0.001 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

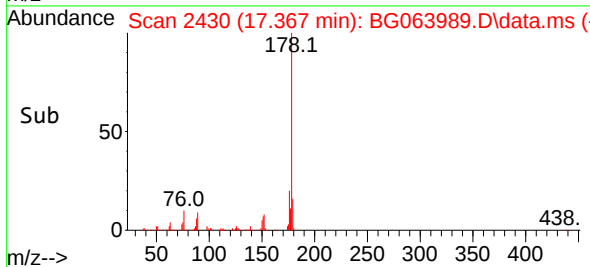
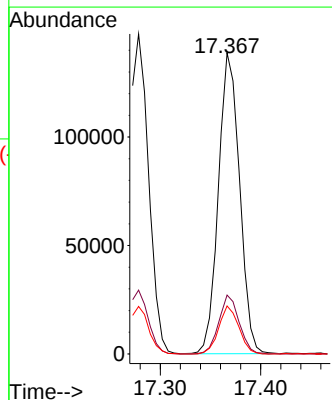
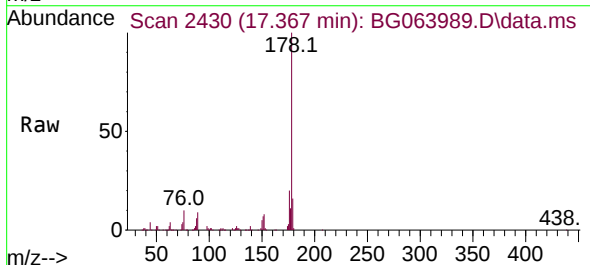
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

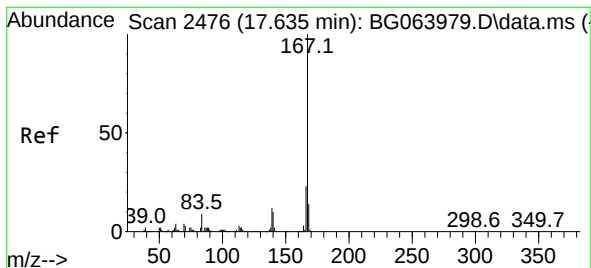
Tgt Ion:178 Resp: 215634
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 9.077 ng
RT: 17.367 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:178 Resp: 203148
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 15.9 12.8 19.2





#73

Carbazole

Concen: 9.309 ng

RT: 17.637 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

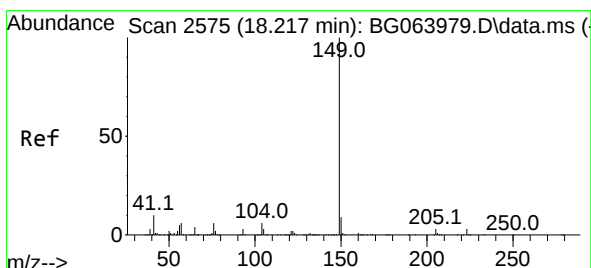
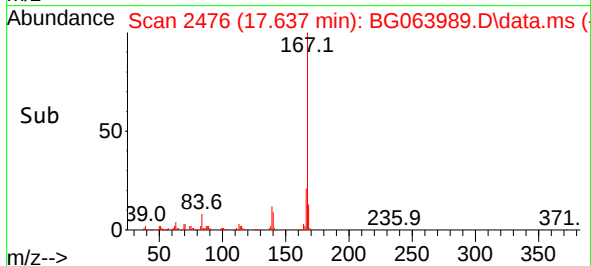
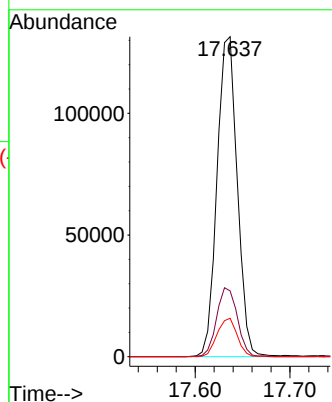
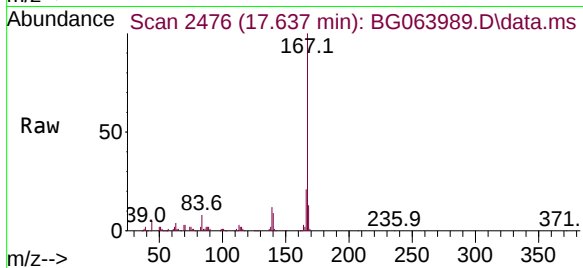
Tgt Ion:167 Resp: 195027

Ion Ratio Lower Upper

167 100

166 20.6 18.6 28.0

139 12.0 9.8 14.8



#74

Di-n-butylphthalate

Concen: 9.584 ng

RT: 18.218 min Scan# 2575

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

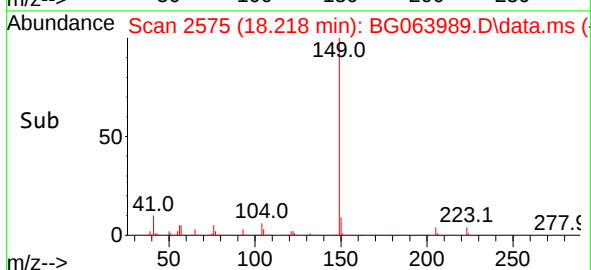
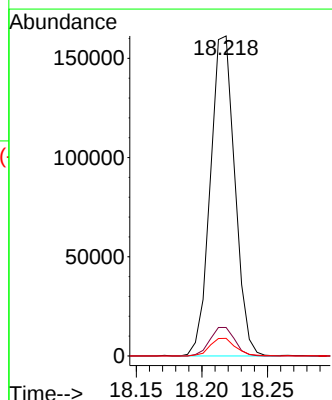
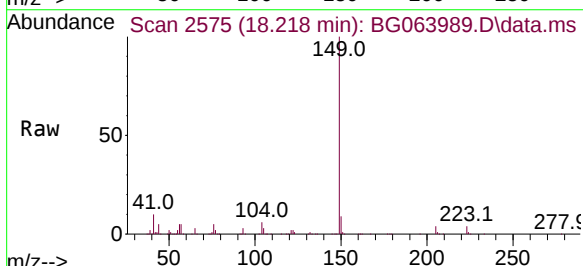
Tgt Ion:149 Resp: 209306

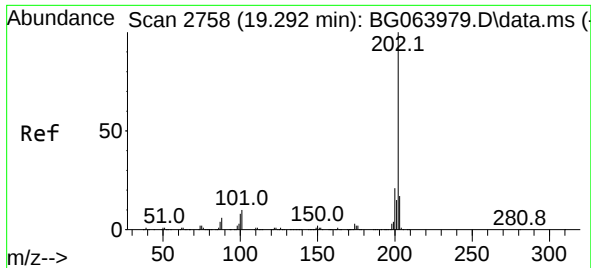
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.5 4.6 6.8

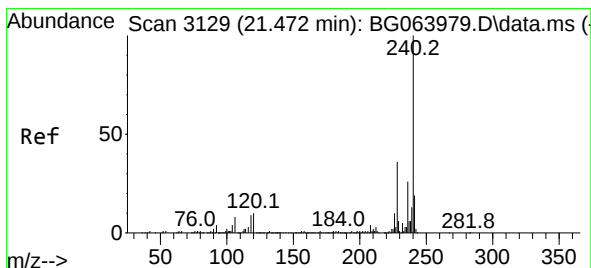
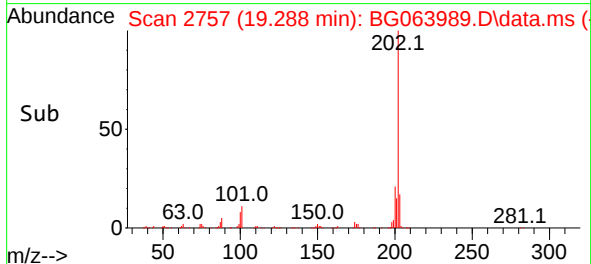
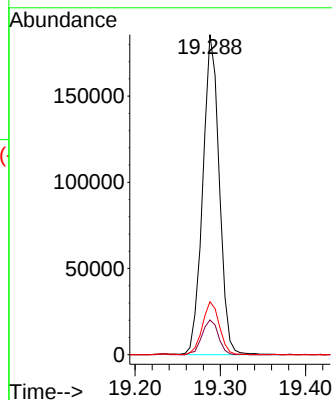
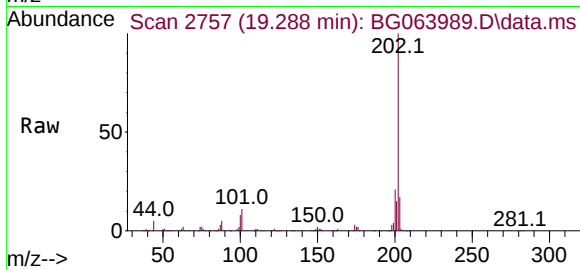




#75
Fluoranthene
Concen: 9.163 ng
RT: 19.288 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

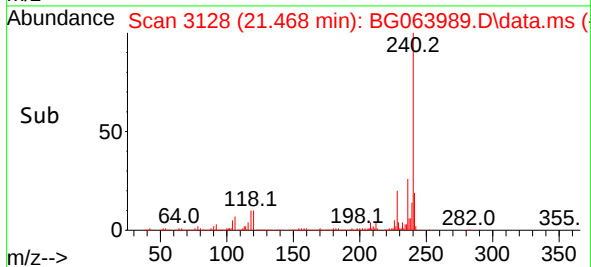
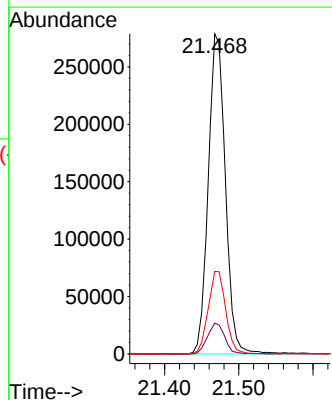
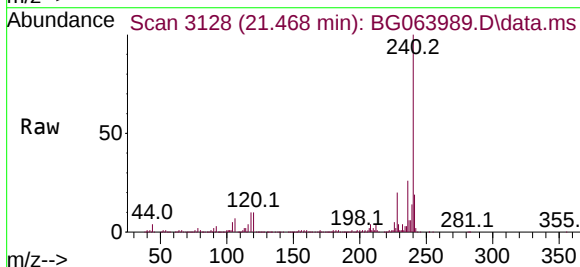
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

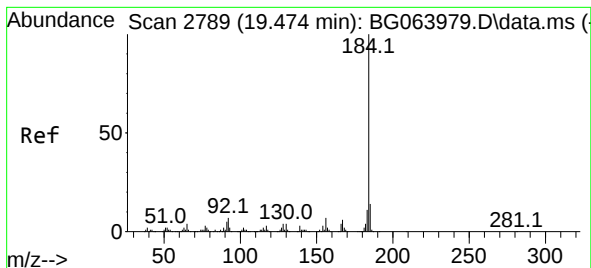
Tgt Ion:202 Resp: 249558
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.4
203 16.6 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:240 Resp: 445979
Ion Ratio Lower Upper
240 100
120 9.6 7.9 11.9
236 25.8 21.0 31.6





#77

Benzidine

Concen: 11.792 ng

RT: 19.470 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

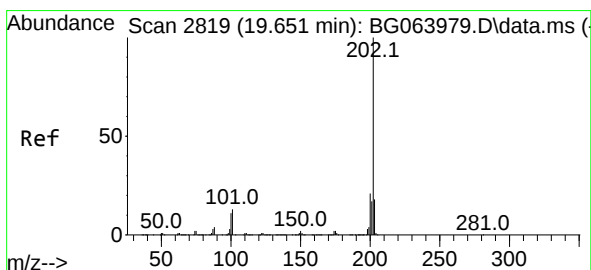
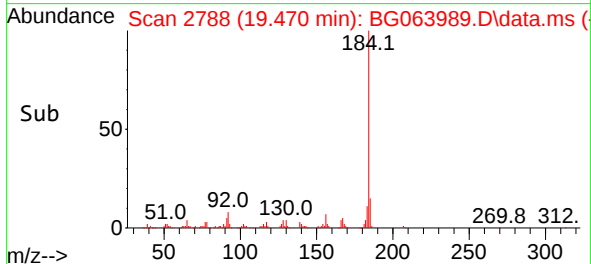
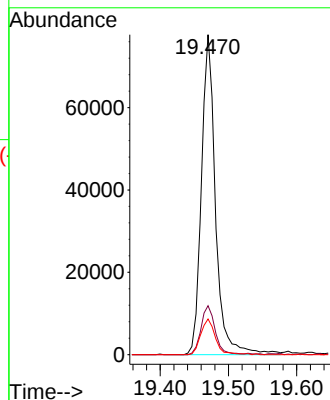
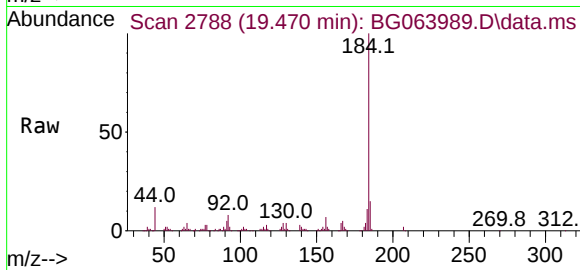
Tgt Ion:184 Resp: 111982

Ion Ratio Lower Upper

184 100

185 15.3 11.2 16.8

183 11.2 8.7 13.1



#78

Pyrene

Concen: 9.926 ng

RT: 19.646 min Scan# 2818

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

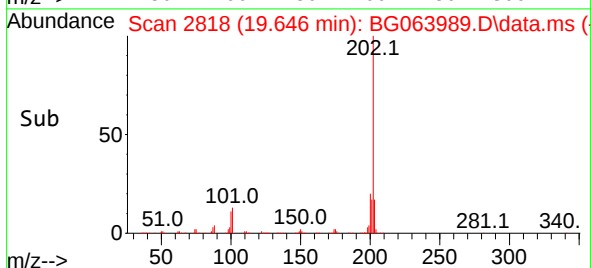
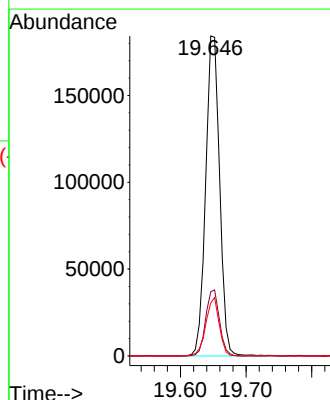
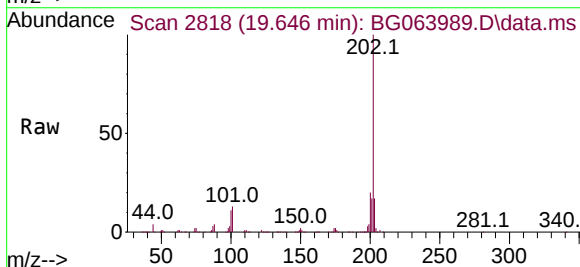
Tgt Ion:202 Resp: 273296

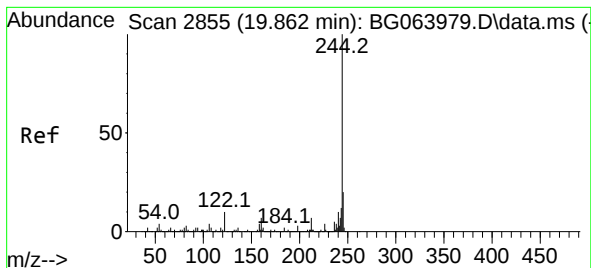
Ion Ratio Lower Upper

202 100

200 20.0 17.0 25.4

203 16.6 14.5 21.7





#79

Terphenyl-d14

Concen: 76.848 ng

RT: 19.864 min Scan# 2855

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

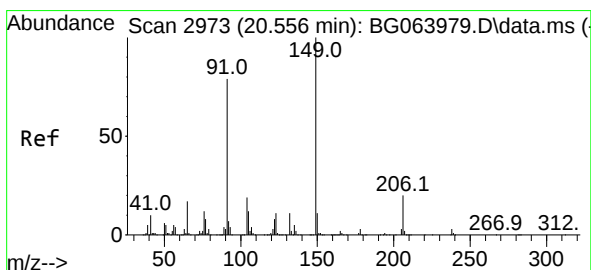
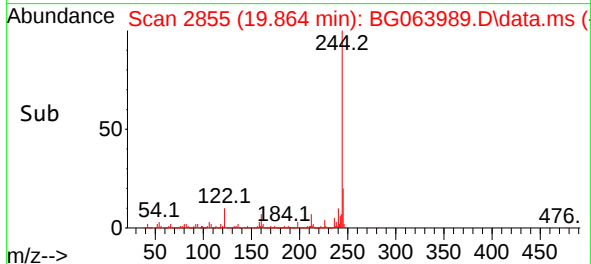
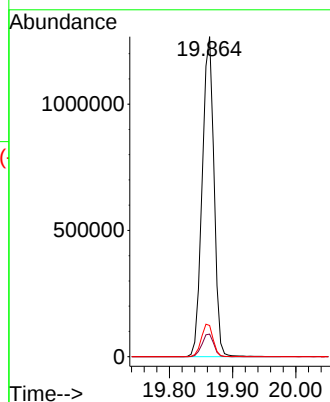
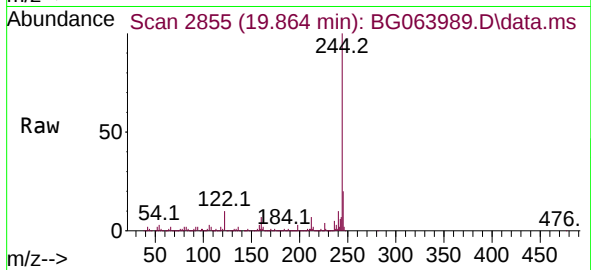
Tgt Ion:244 Resp: 1641047

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 12.648 ng

RT: 20.557 min Scan# 2973

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

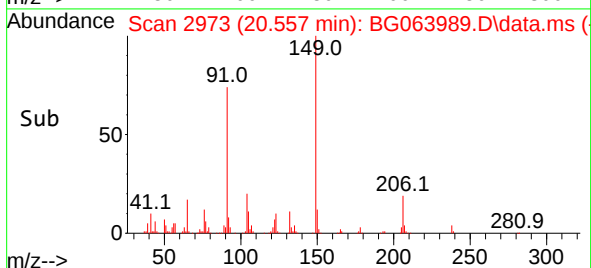
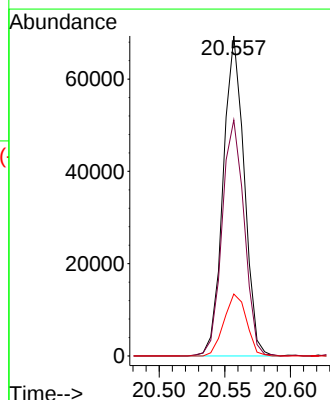
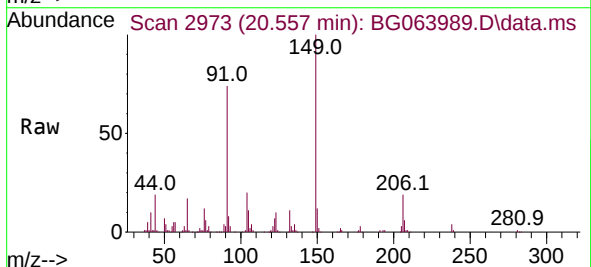
Tgt Ion:149 Resp: 77109

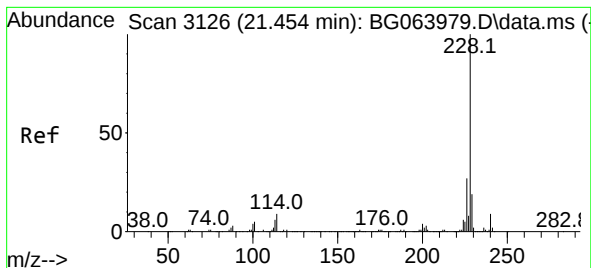
Ion Ratio Lower Upper

149 100

91 73.8 63.0 94.6

206 19.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 9.932 ng

RT: 21.450 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

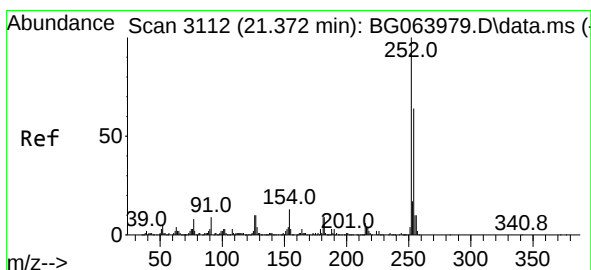
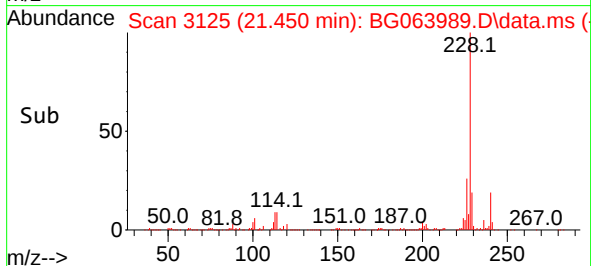
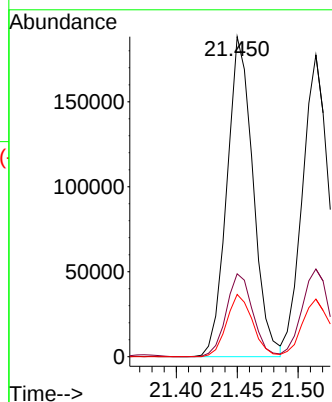
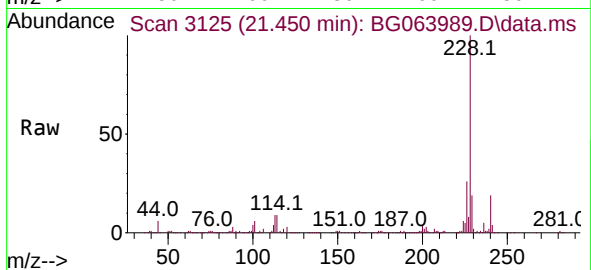
Tgt Ion:228 Resp: 281239

Ion Ratio Lower Upper

228 100

226 25.9 21.8 32.6

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 10.163 ng

RT: 21.374 min Scan# 3112

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

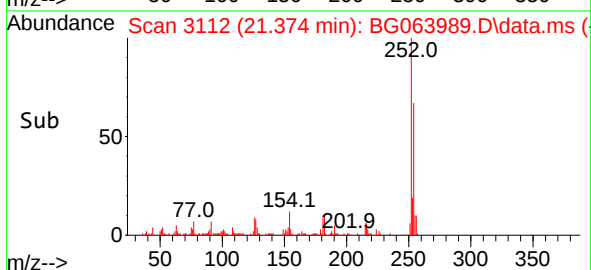
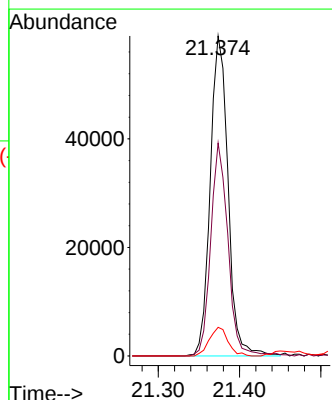
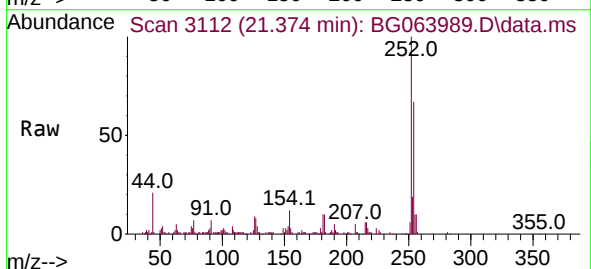
Tgt Ion:252 Resp: 89617

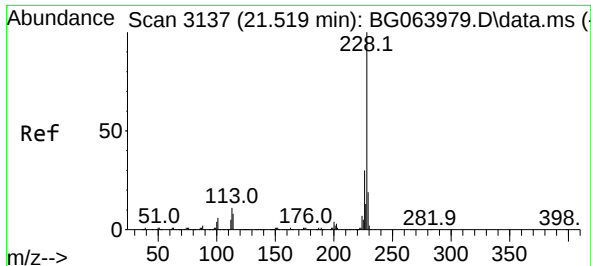
Ion Ratio Lower Upper

252 100

254 66.5 50.8 76.2

126 9.0 8.2 12.2





#83

Chrysene

Concen: 9.546 ng

RT: 21.515 min Scan# 3137

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

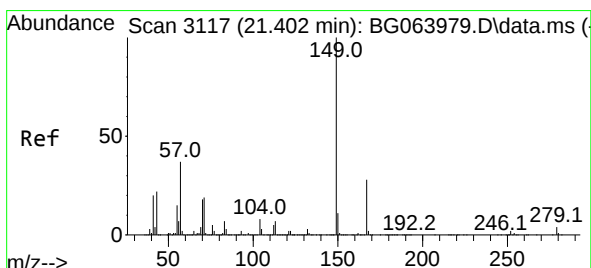
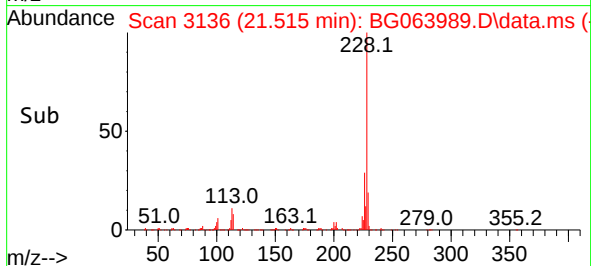
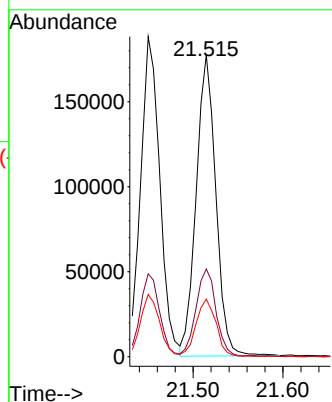
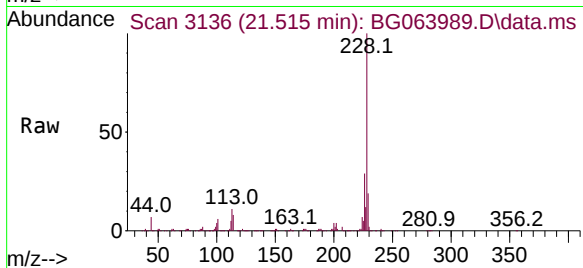
Tgt Ion:228 Resp: 268999

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

229 19.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.031 ng

RT: 21.397 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

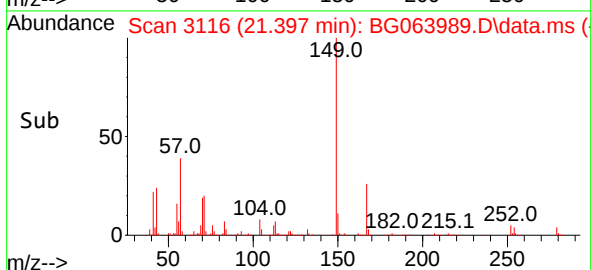
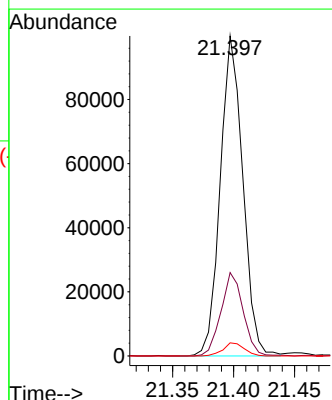
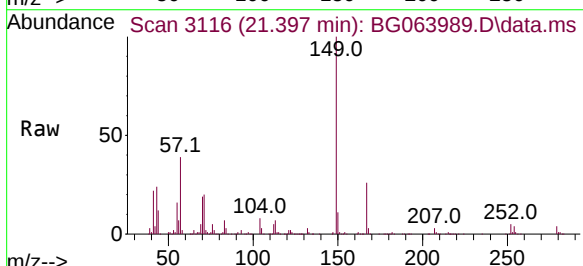
Tgt Ion:149 Resp: 128565

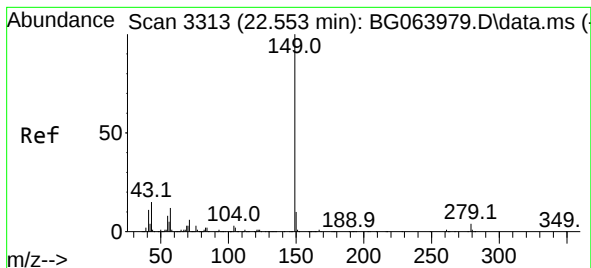
Ion Ratio Lower Upper

149 100

167 26.0 22.5 33.7

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 13.830 ng

RT: 22.555 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

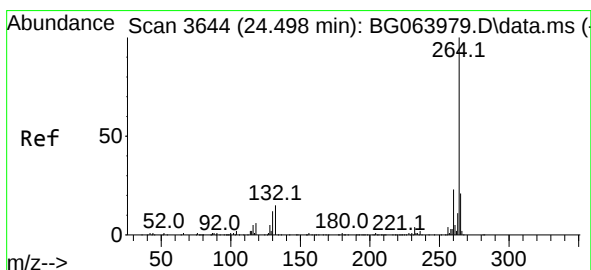
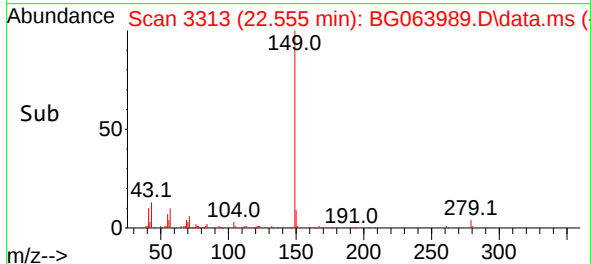
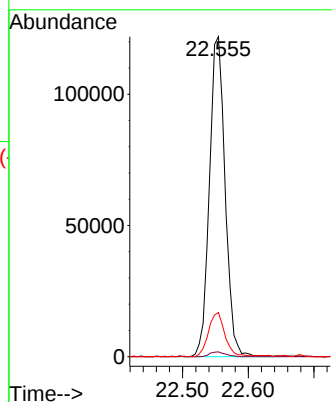
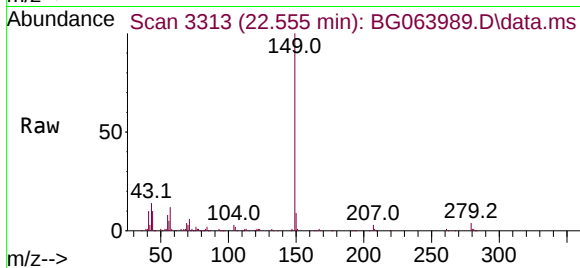
Tgt Ion:149 Resp: 203197

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 14.5 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.499 min Scan# 3644

Delta R.T. 0.001 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

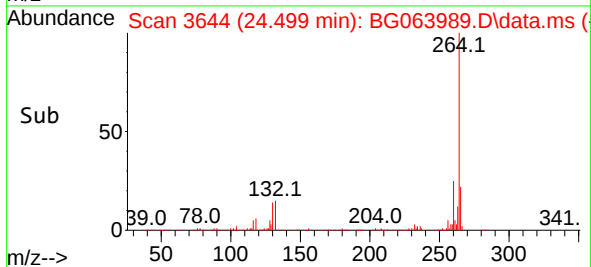
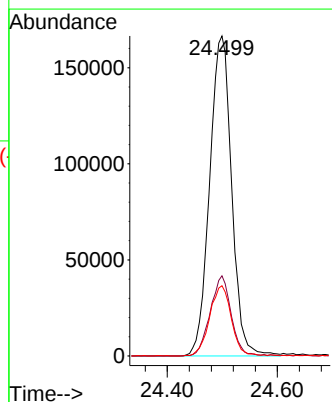
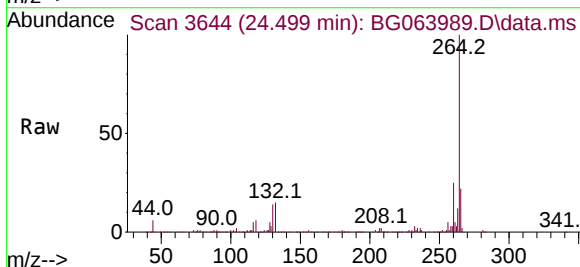
Tgt Ion:264 Resp: 462221

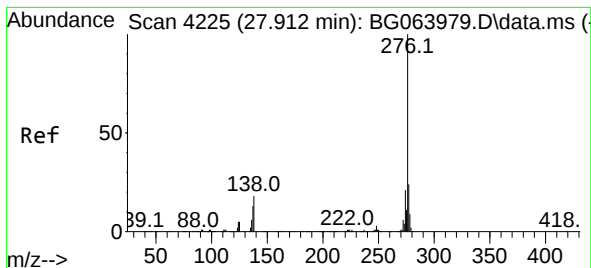
Ion Ratio Lower Upper

264 100

260 25.1 18.7 28.1

265 21.9 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.747 ng

RT: 27.895 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

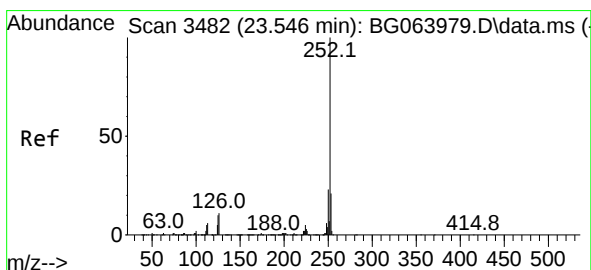
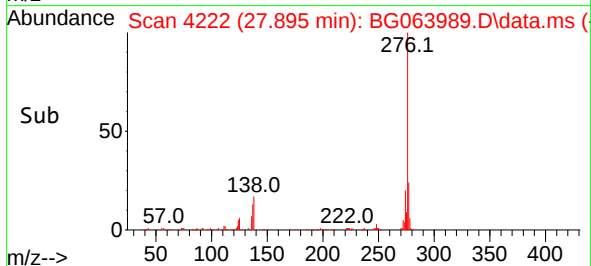
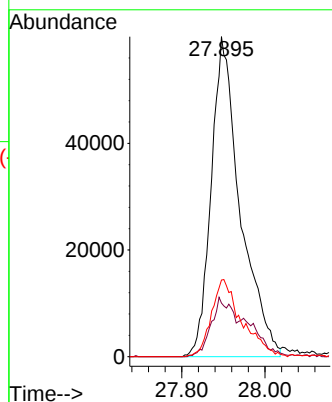
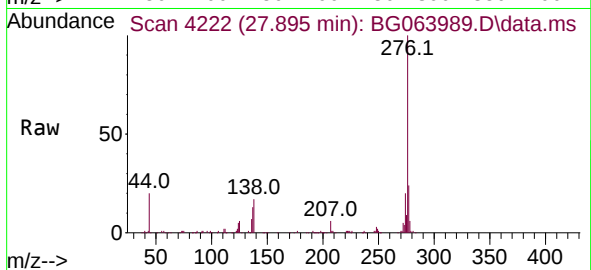
Tgt Ion:276 Resp: 290664

Ion Ratio Lower Upper

276 100

138 14.3 10.7 16.1

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 9.256 ng

RT: 23.542 min Scan# 3481

Delta R.T. -0.005 min

Lab File: BG063989.D

Acq: 4 Feb 2025 12:17

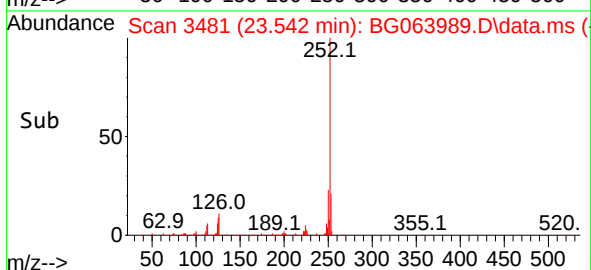
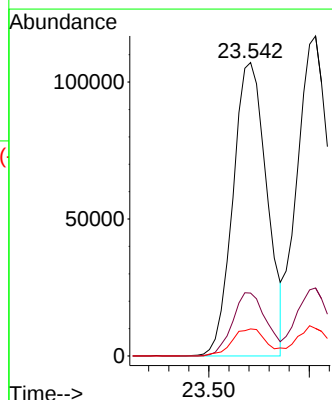
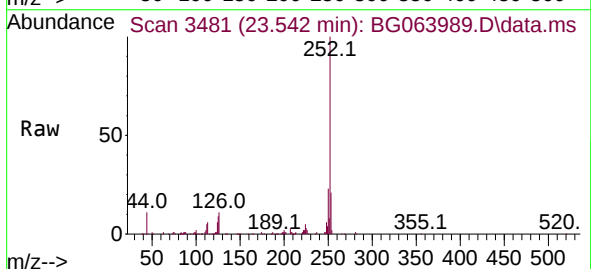
Tgt Ion:252 Resp: 251921

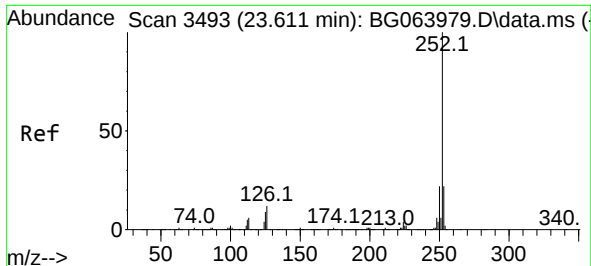
Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 9.2 7.9 11.9

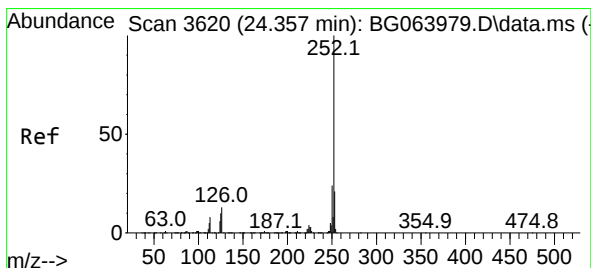
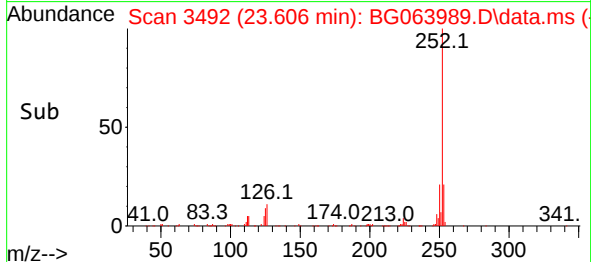
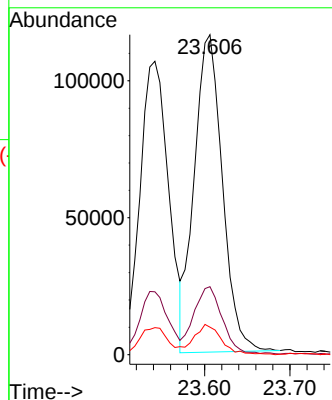
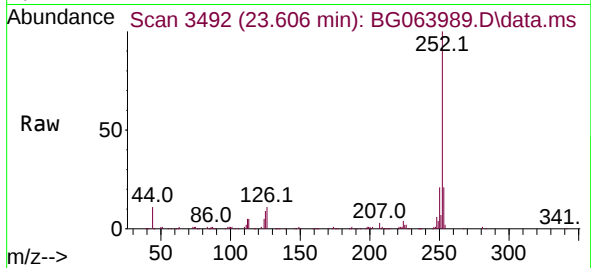




#89
Benzo(k)fluoranthene
Concen: 9.498 ng
RT: 23.606 min Scan# 3492
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

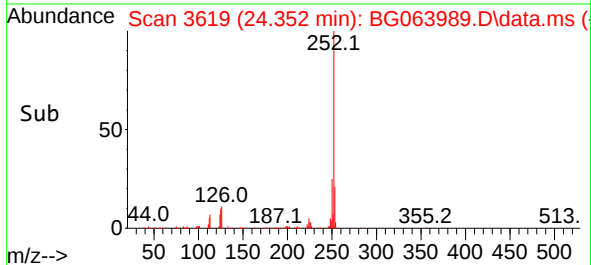
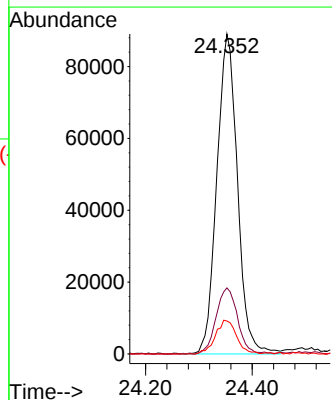
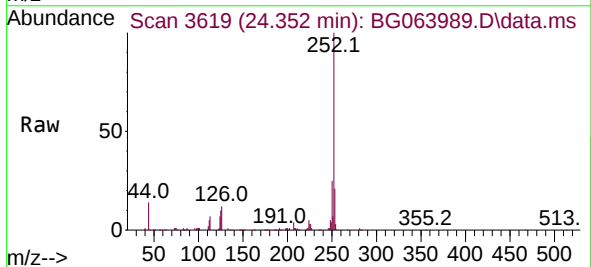
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

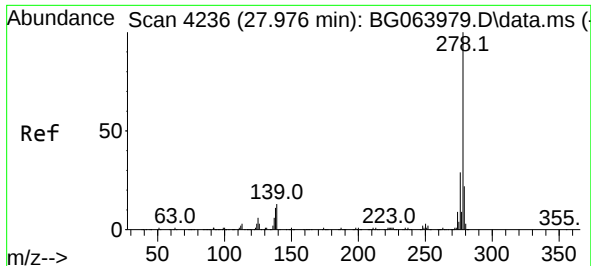
Tgt Ion:252 Resp: 265456
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 8.6 7.5 11.3



#90
Benzo(a)pyrene
Concen: 9.851 ng
RT: 24.352 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:252 Resp: 239315
Ion Ratio Lower Upper
252 100
253 20.7 17.1 25.7
125 10.3 7.9 11.9

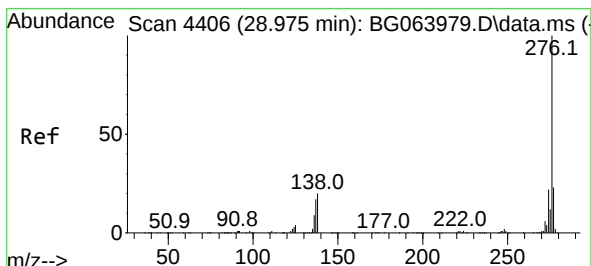
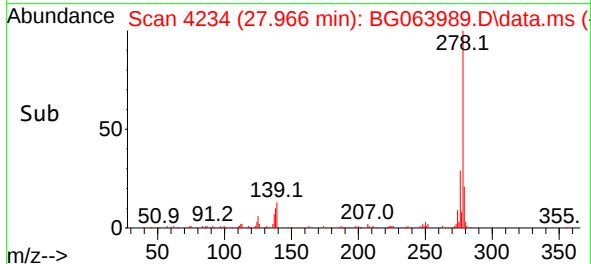
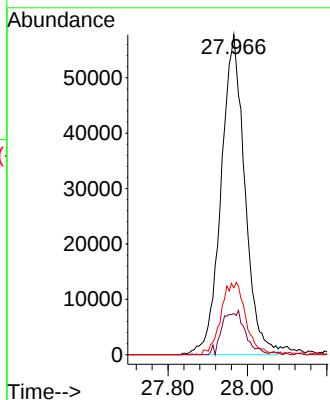
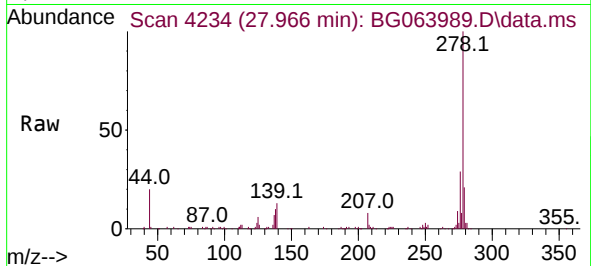




#91
Dibenzo(a,h)anthracene
Concen: 9.518 ng
RT: 27.966 min Scan# 41
Delta R.T. -0.010 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

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

Tgt Ion:278 Resp: 239668
Ion Ratio Lower Upper
278 100
139 12.8 10.8 16.2
279 21.0 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 9.048 ng
RT: 28.959 min Scan# 4403
Delta R.T. -0.016 min
Lab File: BG063989.D
Acq: 4 Feb 2025 12:17

Tgt Ion:276 Resp: 230003
Ion Ratio Lower Upper
276 100
277 23.2 18.2 27.4
138 17.5 15.8 23.6

