

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
 Data File : BG063946.D
 Acq On : 10 Jan 2025 11:29
 Operator : RC/JU
 Sample : P1187-08
 Misc : LOQ-WATER-5PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 10 12:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 23:17:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.765	152	139947	20.000	ng	-0.03
21) Naphthalene-d8	10.556	136	551514	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	384057	20.000	ng	-0.02
64) Phenanthrene-d10	17.171	188	926129	20.000	ng	-0.02
76) Chrysene-d12	21.425	240	937272	20.000	ng	-0.03
86) Perylene-d12	24.433	264	968219	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.356	112	954877	108.712	ng	-0.04
7) Phenol-d6	6.954	99	1341034	105.535	ng	-0.03
23) Nitrobenzene-d5	8.922	82	1013308	72.374	ng	-0.03
42) 2,4,6-Tribromophenol	15.920	330	445885	96.278	ng	-0.02
45) 2-Fluorobiphenyl	13.035	172	1954543	73.728	ng	-0.02
79) Terphenyl-d14	19.809	244	3182102	67.410	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	22399	4.851	ng	95
3) Pyridine	3.652	79	51348	4.128	ng	93
4) n-Nitrosodimethylamine	3.570	42	20798	4.374	ng	# 95
6) Aniline	7.095	93	60184	5.452	ng	98
8) 2-Chlorophenol	7.336	128	38748	4.537	ng	95
9) Benzaldehyde	6.907	77	46663	5.751	ng	99
10) Phenol	6.977	94	58165	4.396	ng	85
11) bis(2-Chloroethyl)ether	7.195	93	47898	4.618	ng	99
12) 1,3-Dichlorobenzene	7.800	146	44960	4.368	ng	96
13) 1,4-Dichlorobenzene	7.800	146	44960	4.370	ng	98
14) 1,2-Dichlorobenzene	8.117	146	47027	4.645	ng	95
15) Benzyl Alcohol	8.006	79	36112	3.961	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.282	45	67425	4.516	ng	94
17) 2-Methylphenol	8.217	107	34223	3.985	ng	86
18) Hexachloroethane	8.840	117	17352	4.348	ng	87
19) n-Nitroso-di-n-propyla...	8.564	70	36984	3.985	ng	# 95
20) 3+4-Methylphenols	8.552	107	49272	4.265	ng	94
22) Acetophenone	8.587	105	72471	4.376	ng	95
24) Nitrobenzene	8.963	77	65687	4.369	ng	98
25) Isophorone	9.486	82	102125	4.139	ng	97
26) 2-Nitrophenol	9.674	139	17308	3.628	ng	# 90
27) 2,4-Dimethylphenol	9.751	122	13158	2.163	ng	95
28) bis(2-Chloroethoxy)met...	9.974	93	61348	4.169	ng	97
29) 2,4-Dichlorophenol	10.227	162	37115	4.084	ng	91
30) 1,2,4-Trichlorobenzene	10.426	180	46656	4.244	ng	# 94
31) Naphthalene	10.608	128	133457	4.464	ng	99
32) Benzoic acid	9.962	122	558	0.137	ng	95
33) 4-Chloroaniline	10.726	127	44633	4.598	ng	95
34) Hexachlorobutadiene	10.896	225	29285	3.886	ng	96
35) Caprolactam	11.466	113	11365	3.787	ng	# 79
36) 4-Chloro-3-methylphenol	11.866	107	39265	3.892	ng	96
37) 2-Methylnaphthalene	12.224	142	89215	4.247	ng	96
38) 1-Methylnaphthalene	12.447	142	83647	4.003	ng	100
40) 1,2,4,5-Tetrachloroben...	12.600	216	54973	4.266	ng	98
41) Hexachlorocyclopentadiene	12.541	237	59	11.460	ng	# 29
43) 2,4,6-Trichlorophenol	12.859	196	27899	3.676	ng	96

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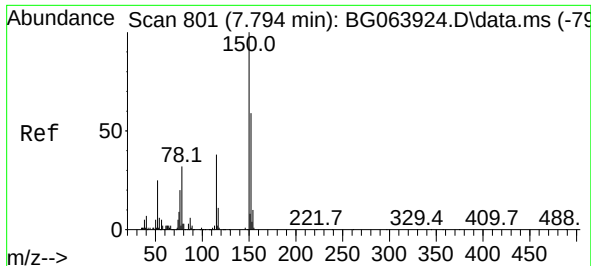
Quant Time: Jan 10 12:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 23:17:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.935	196	31780	3.731	ng	96
46) 1,1'-Biphenyl	13.247	154	133792	4.773	ng	99
47) 2-Chloronaphthalene	13.288	162	105315	4.570	ng	97
48) 2-Nitroaniline	13.499	65	28777	3.732	ng	87
49) Acenaphthylene	14.140	152	159041	4.658	ng	98
50) Dimethylphthalate	13.869	163	118226	4.215	ng	# 97
51) 2,6-Dinitrotoluene	13.993	165	22946	3.672	ng	95
52) Acenaphthene	14.480	154	93159	4.462	ng	94
53) 3-Nitroaniline	14.334	138	20762	3.622	ng	99
54) 2,4-Dinitrophenol	14.657	184	315	8.080	ng	95
55) Dibenzofuran	14.815	168	160341	4.425	ng	97
56) 4-Nitrophenol	14.674	139	8804	2.240	ng	# 73
57) 2,4-Dinitrotoluene	14.798	165	29433	3.355	ng	95
58) Fluorene	15.473	166	124921	4.437	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.980	232	23726	3.157	ng	96
60) Diethylphthalate	15.238	149	112082	4.054	ng	96
61) 4-Chlorophenyl-phenyle...	15.462	204	67392	4.415	ng	97
62) 4-Nitroaniline	15.497	138	20599	3.457	ng	95
63) Azobenzene	15.755	77	148679	4.251	ng	98
65) 4,6-Dinitro-2-methylph...	15.573	198	12434	2.575	ng	98
66) n-Nitrosodiphenylamine	15.679	169	100478	4.166	ng	96
67) 4-Bromophenyl-phenylether	16.361	248	42028	4.105	ng	97
68) Hexachlorobenzene	16.484	284	47880	4.096	ng	97
69) Atrazine	16.637	200	38590	4.991	ng	94
70) Pentachlorophenol	16.842	266	8072	1.665	ng	94
71) Phenanthrene	17.218	178	221787	4.604	ng	98
72) Anthracene	17.306	178	196329	4.187	ng	95
73) Carbazole	17.583	167	186313	4.302	ng	97
74) Di-n-butylphthalate	18.141	149	185424	3.843	ng	97
75) Fluoranthene	19.240	202	262810	4.323	ng	99
77) Benzidine	19.428	184	28830	2.198	ng	# 88
78) Pyrene	19.604	202	281392	4.377	ng	97
80) Butylbenzylphthalate	20.503	149	65489	3.302	ng	97
81) Benzo(a)anthracene	21.413	228	277132	4.420	ng	97
82) 3,3'-Dichlorobenzidine	21.331	252	67845	3.483	ng	87
83) Chrysene	21.472	228	272493	4.476	ng	98
84) Bis(2-ethylhexyl)phtha...	21.325	149	105610	3.482	ng	99
85) Di-n-octyl phthalate	22.453	149	177231	3.354	ng	96
87) Indeno(1,2,3-cd)pyrene	27.824	276	270856	4.028	ng	# 76
88) Benzo(b)fluoranthene	23.482	252	252024	4.164	ng	99
89) Benzo(k)fluoranthene	23.482	252	252024	4.150	ng	99
90) Benzo(a)pyrene	24.287	252	242208	4.505	ng	98
91) Dibenzo(a,h)anthracene	27.865	278	225960	4.061	ng	96
92) Benzo(g,h,i)perylene	28.875	276	213573	3.731	ng	97

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

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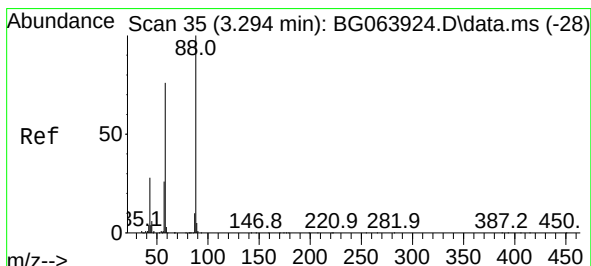
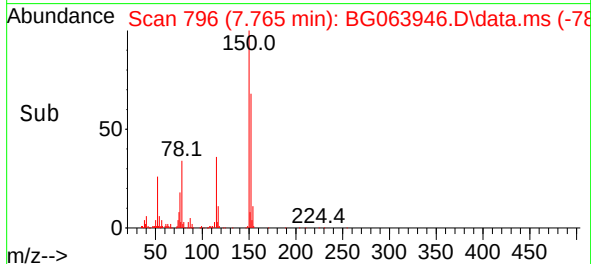
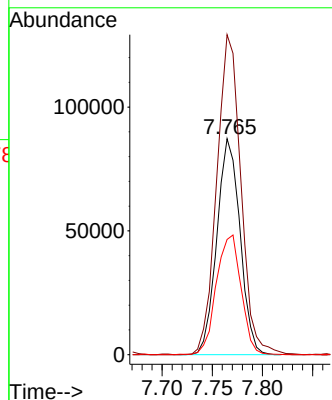
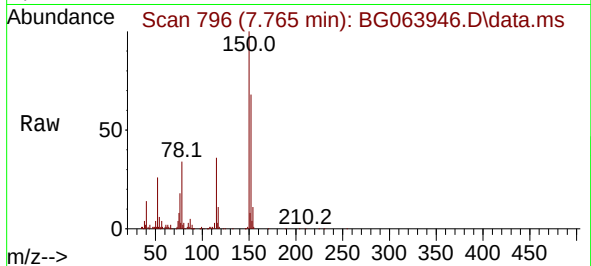
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.765 min Scan# 7
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

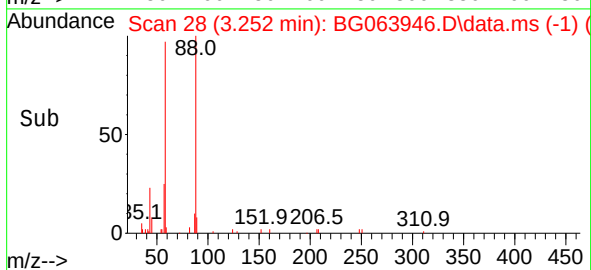
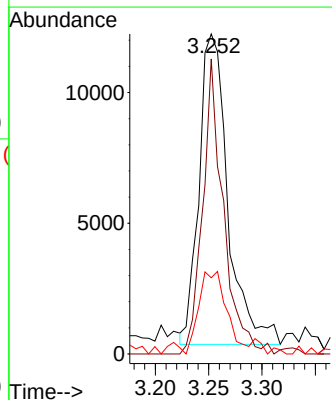
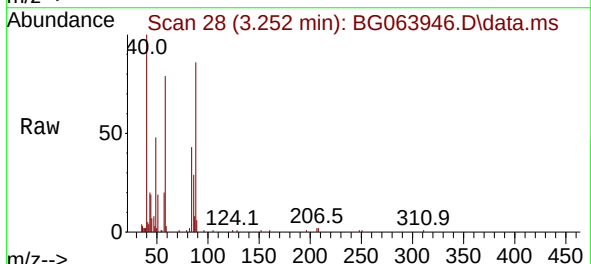
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BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

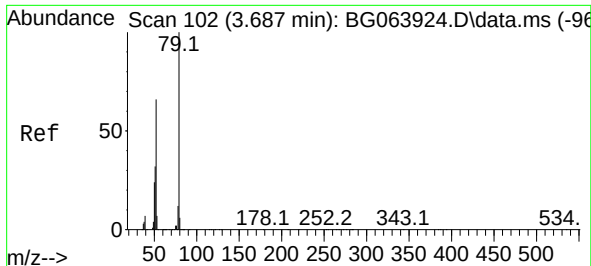
Tgt Ion:152 Resp: 139947
Ion Ratio Lower Upper
152 100
150 148.1 135.5 203.3
115 53.3 51.8 77.8



#2
1,4-Dioxane
Concen: 4.851 ng
RT: 3.252 min Scan# 28
Delta R.T. -0.041 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion: 88 Resp: 22399
Ion Ratio Lower Upper
88 100
58 68.3 58.4 87.6
43 25.7 22.1 33.1

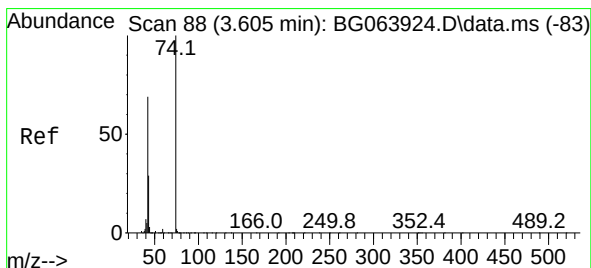
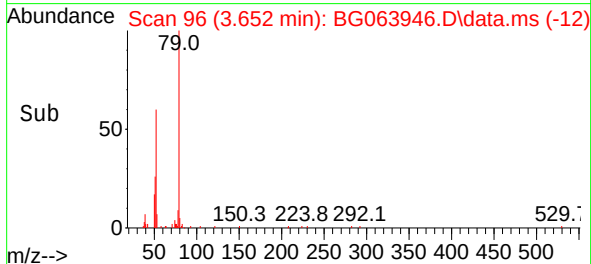
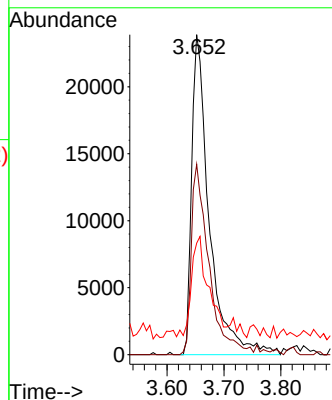
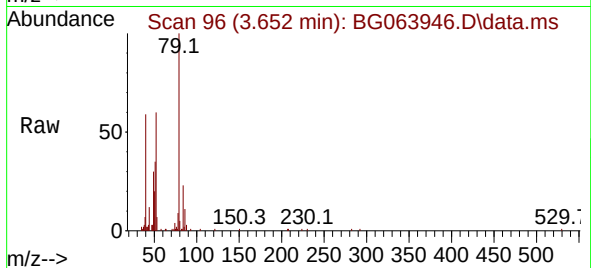




#3
Pyridine
Concen: 4.128 ng
RT: 3.652 min Scan# 90
Delta R.T. -0.035 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

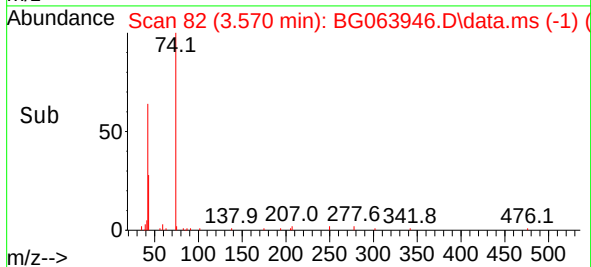
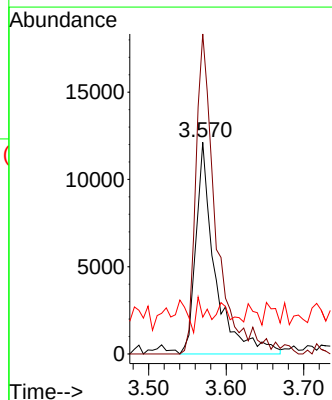
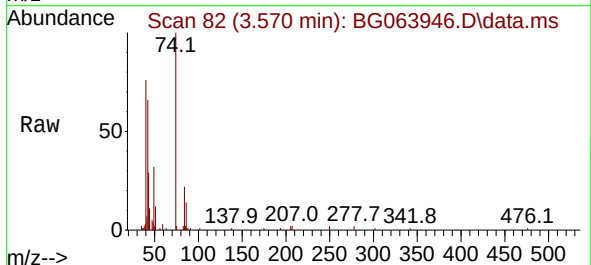
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

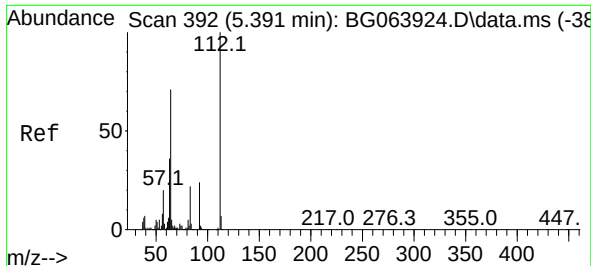
Tgt Ion: 79 Resp: 51348
Ion Ratio Lower Upper
79 100
52 59.5 53.1 79.7
51 34.9 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 4.374 ng
RT: 3.570 min Scan# 82
Delta R.T. -0.035 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion: 42 Resp: 20798
Ion Ratio Lower Upper
42 100
74 151.2 116.6 175.0
44 17.4 10.4 15.6

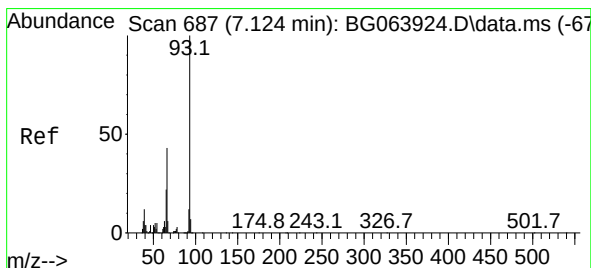
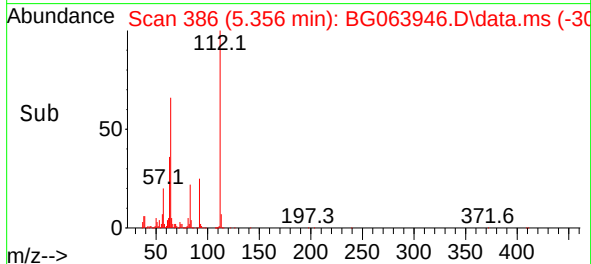
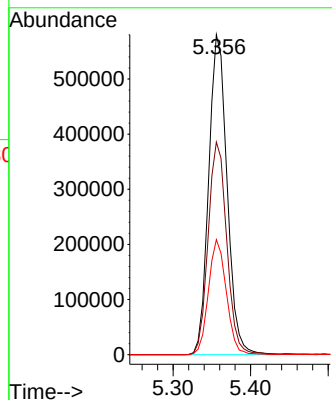
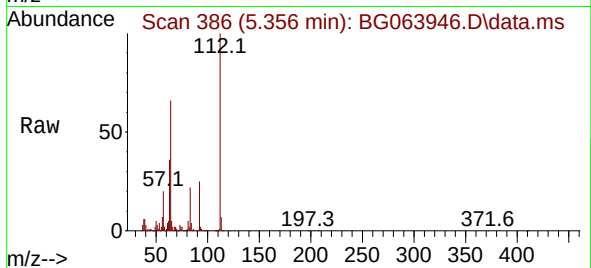




#5
2-Fluorophenol
Concen: 108.712 ng
RT: 5.356 min Scan# 31
Delta R.T. -0.035 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

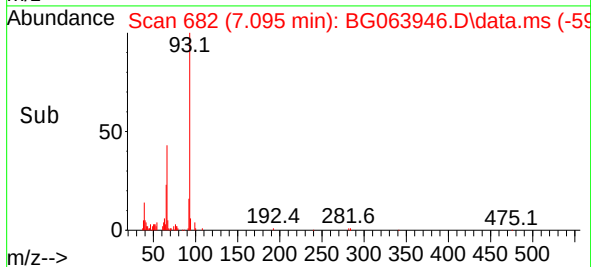
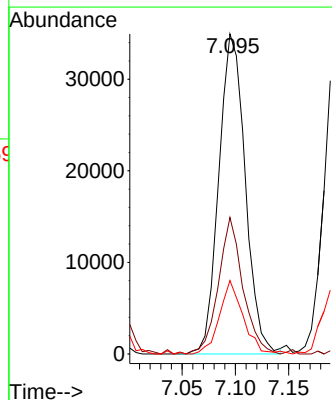
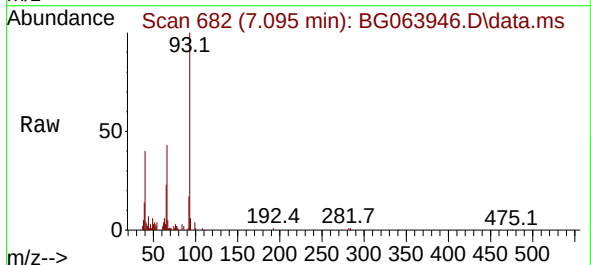
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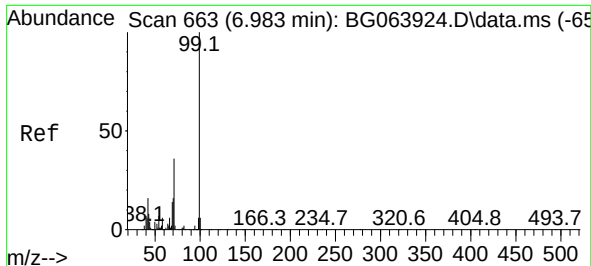
Tgt Ion:112 Resp: 954877
Ion Ratio Lower Upper
112 100
64 66.4 56.6 85.0
63 36.0 29.2 43.8



#6
Aniline
Concen: 5.452 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion: 93 Resp: 60184
Ion Ratio Lower Upper
93 100
66 42.6 35.0 52.4
65 22.9 17.8 26.8

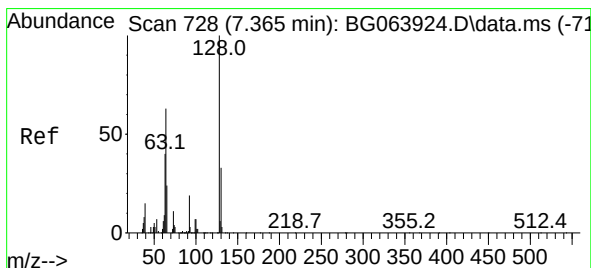
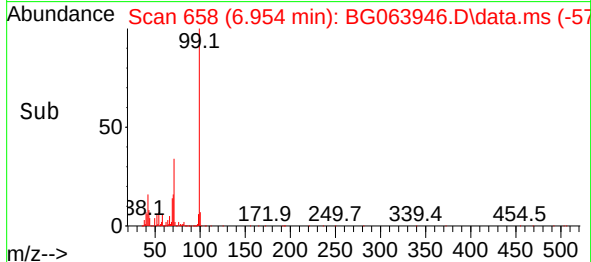
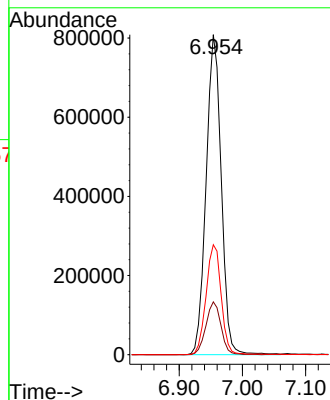
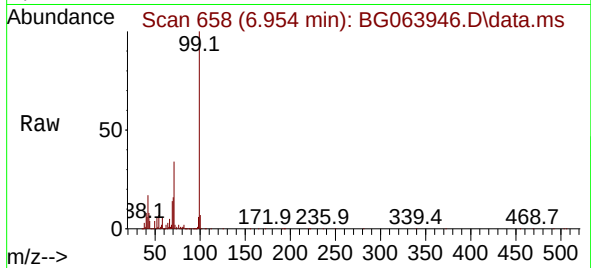




#7
Phenol-d6
Concen: 105.535 ng
RT: 6.954 min Scan# 61
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

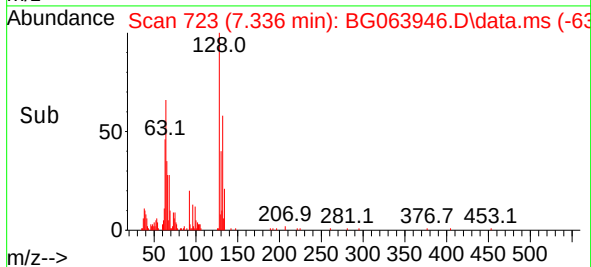
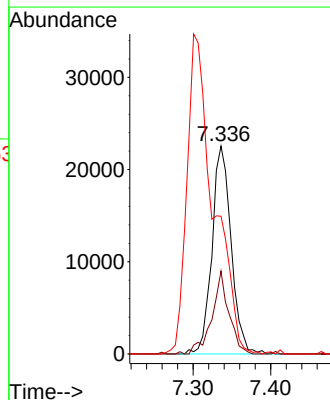
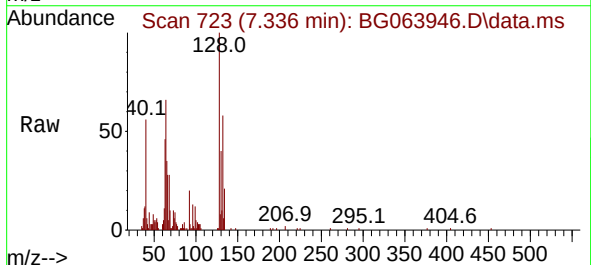
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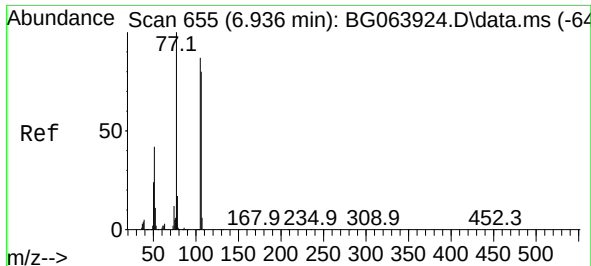
Tgt Ion: 99 Resp: 1341034
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 34.3 28.5 42.7



#8
2-Chlorophenol
Concen: 4.537 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.029 min
Lab File: BG063946.D
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Tgt Ion:128 Resp: 38748
Ion Ratio Lower Upper
128 100
130 39.9 13.4 53.4
64 66.3 44.6 84.6

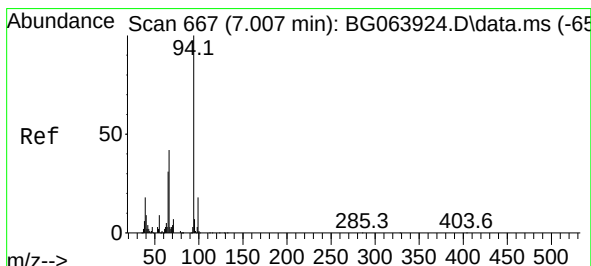
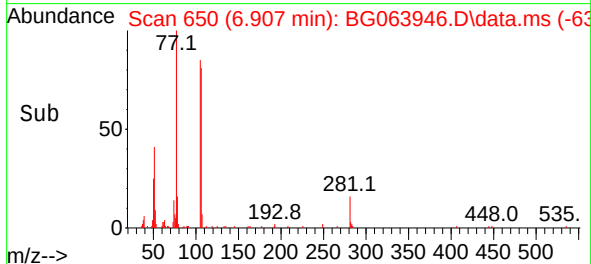
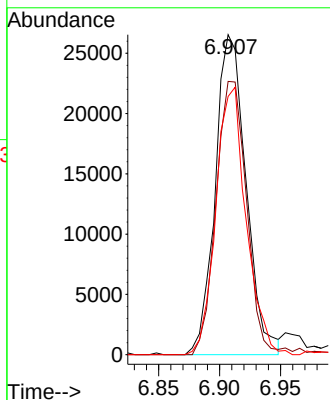
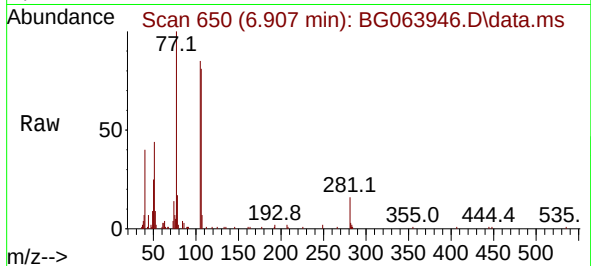




#9
Benzaldehyde
Concen: 5.751 ng
RT: 6.907 min Scan# 61
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

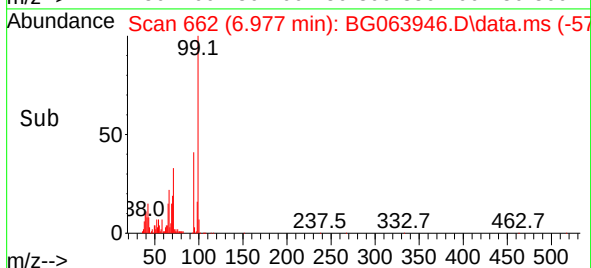
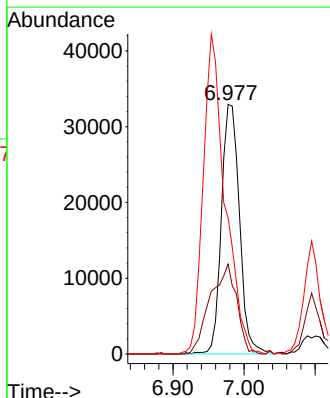
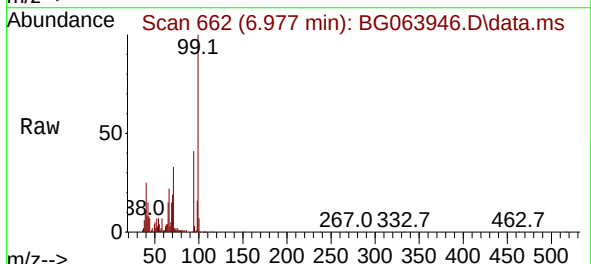
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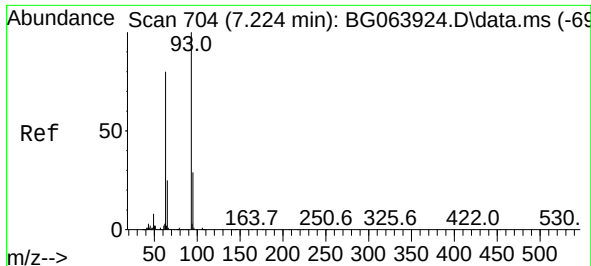
Tgt Ion: 77 Resp: 46663
Ion Ratio Lower Upper
77 100
105 85.4 66.5 106.5
106 80.7 60.1 100.1



#10
Phenol
Concen: 4.396 ng
RT: 6.977 min Scan# 662
Delta R.T. -0.029 min
Lab File: BG063946.D
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Tgt Ion: 94 Resp: 58165
Ion Ratio Lower Upper
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65 36.0 11.5 51.5
66 54.5 21.9 61.9

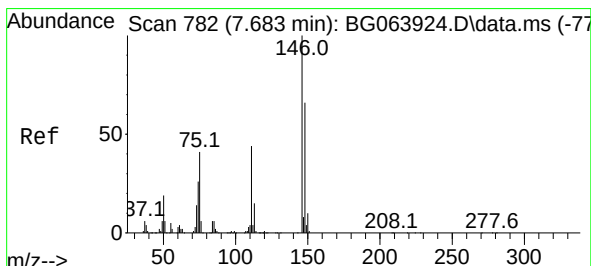
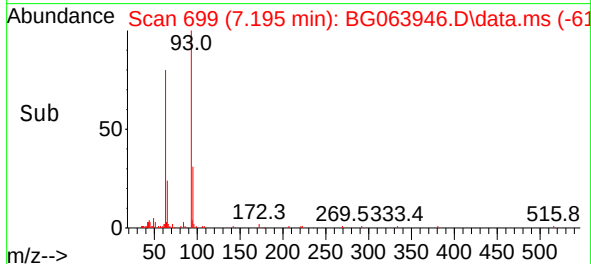
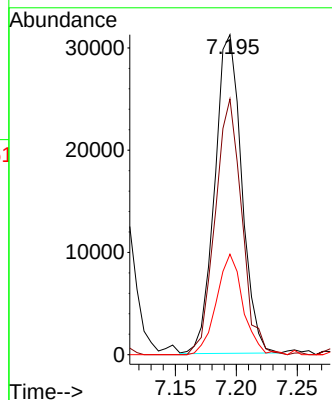
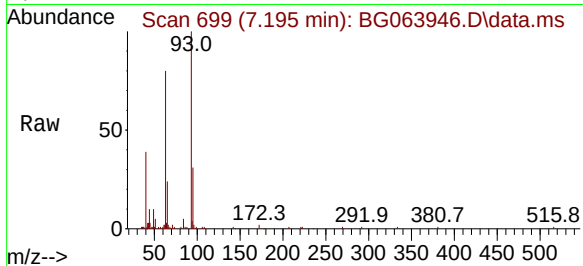




#11
bis(2-Chloroethyl)ether
Concen: 4.618 ng
RT: 7.195 min Scan# 61
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

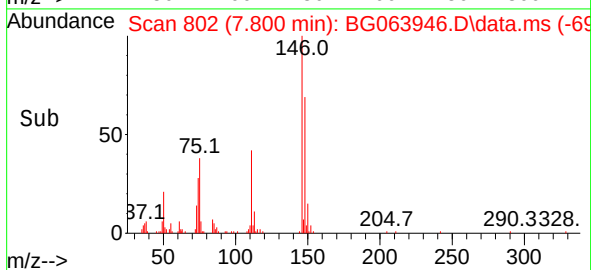
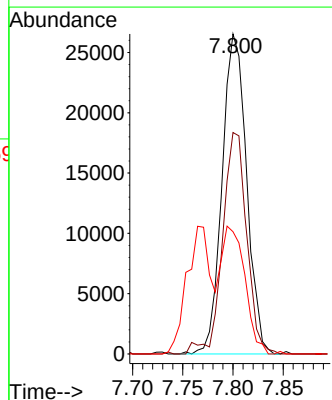
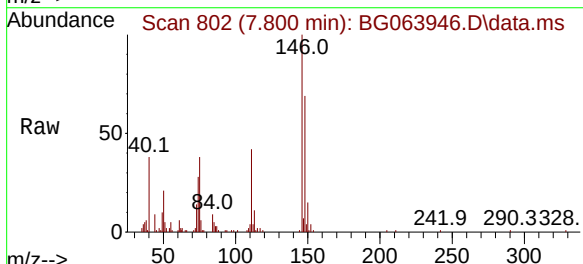
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

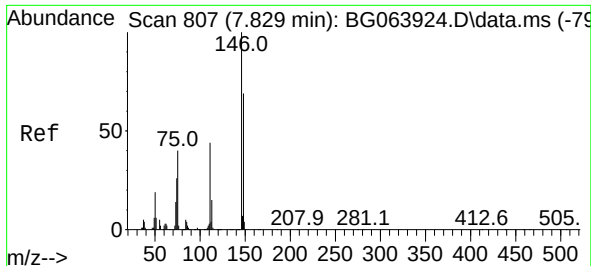
Tgt Ion:	93	Resp:	47898
Ion	Ratio	Lower	Upper
93	100		
63	79.9	59.6	99.6
95	31.4	9.3	49.3



#12
1,3-Dichlorobenzene
Concen: 4.368 ng
RT: 7.800 min Scan# 802
Delta R.T. 0.117 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:	146	Resp:	44960
Ion	Ratio	Lower	Upper
146	100		
148	69.2	52.6	78.8
75	38.2	32.6	48.8

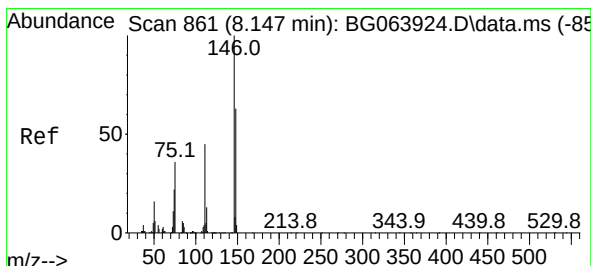
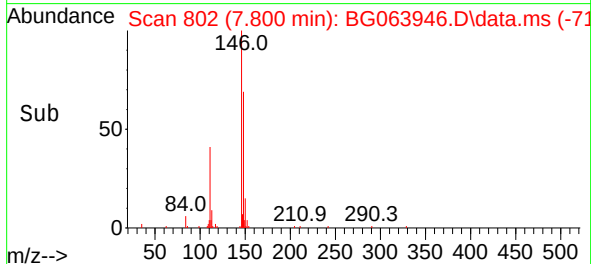
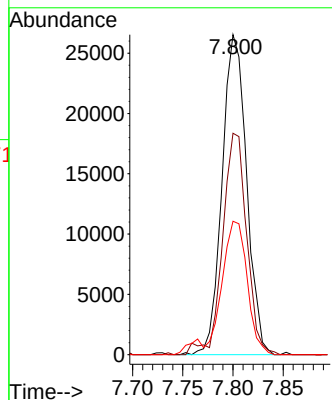
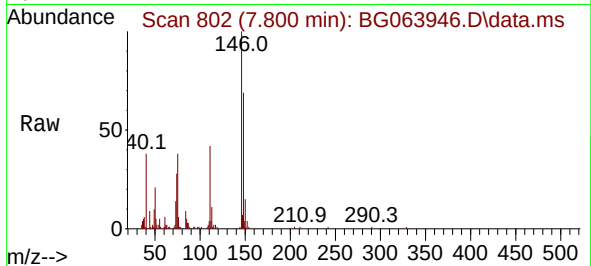




#13
1,4-Dichlorobenzene
Concen: 4.370 ng
RT: 7.800 min Scan# 807
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

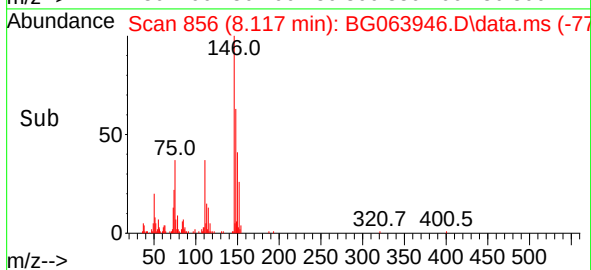
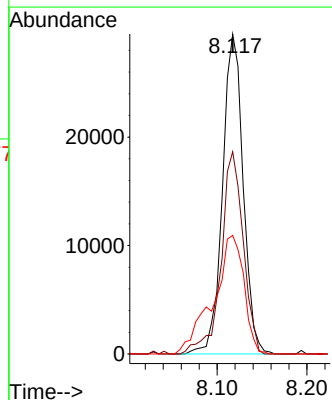
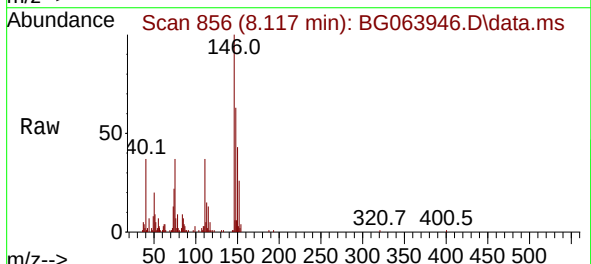
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

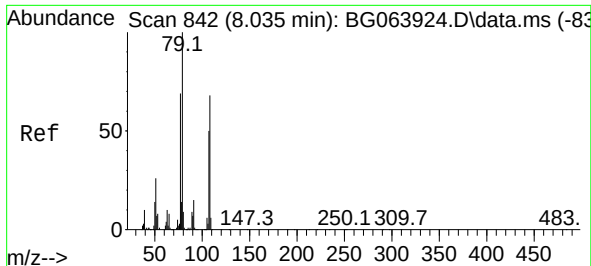
Tgt Ion:146 Resp: 44960
Ion Ratio Lower Upper
146 100
148 69.2 55.4 83.0
111 41.7 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 4.645 ng
RT: 8.117 min Scan# 856
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:146 Resp: 47027
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
111 37.1 36.1 54.1

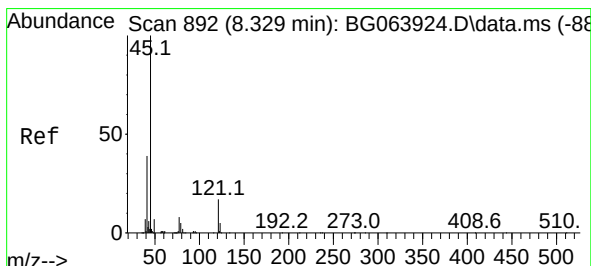
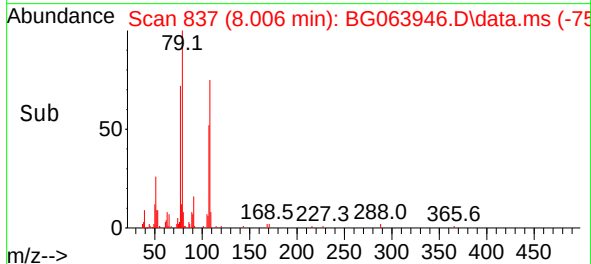
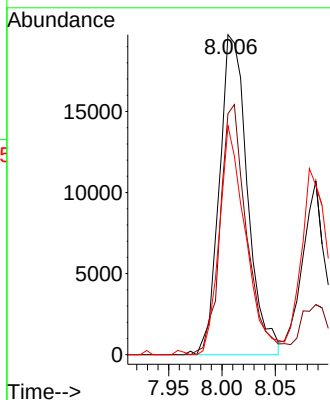
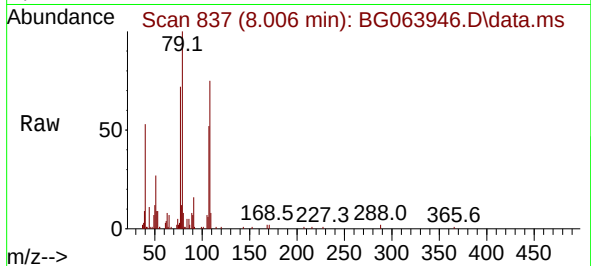




#15
Benzyl Alcohol
Concen: 3.961 ng
RT: 8.006 min Scan# 841
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

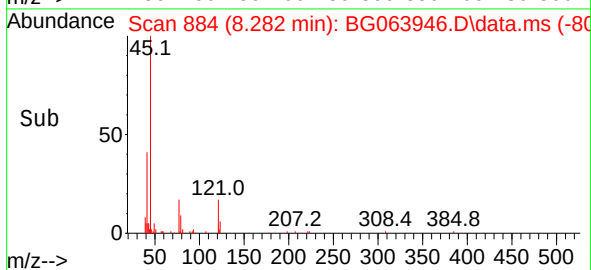
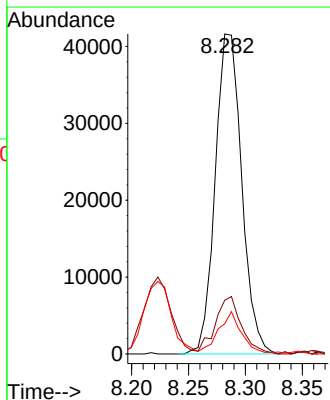
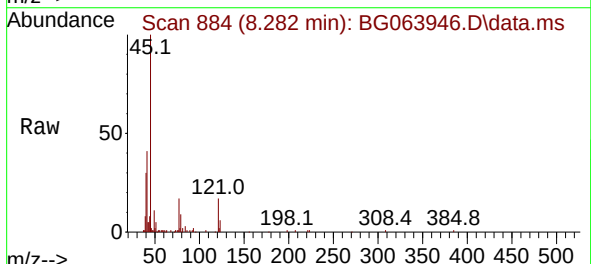
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

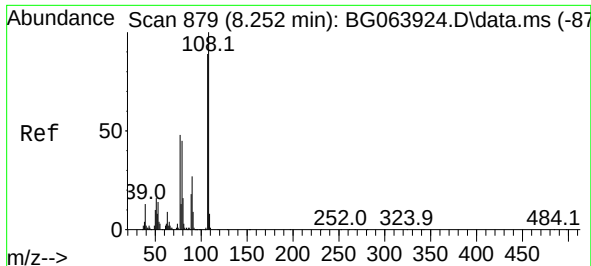
Tgt Ion: 79 Resp: 36112
Ion Ratio Lower Upper
79 100
108 75.3 54.6 81.8
77 71.6 55.6 83.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.516 ng
RT: 8.282 min Scan# 884
Delta R.T. -0.047 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion: 45 Resp: 67425
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.7
79 9.4 0.0 32.1

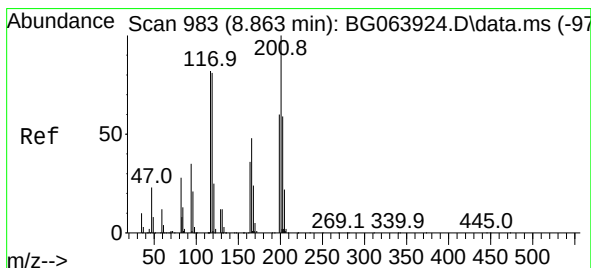
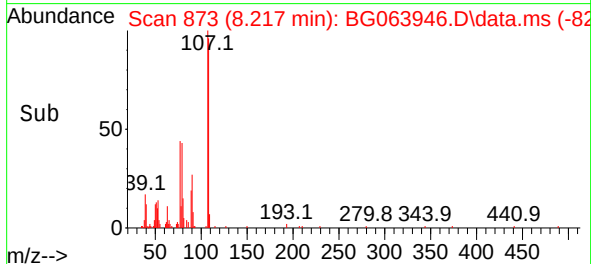
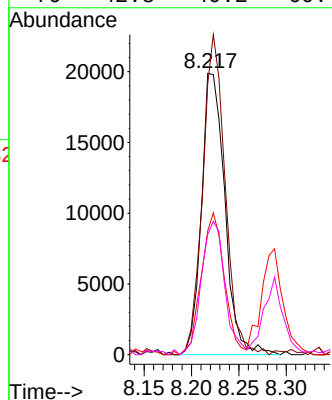
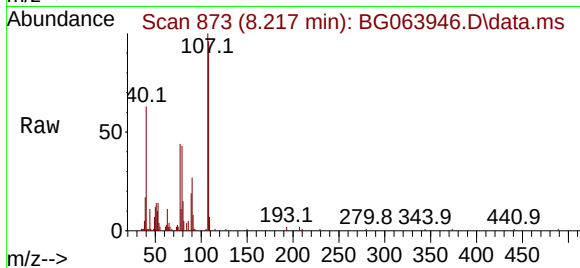




#17
2-Methylphenol
Concen: 3.985 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.035 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

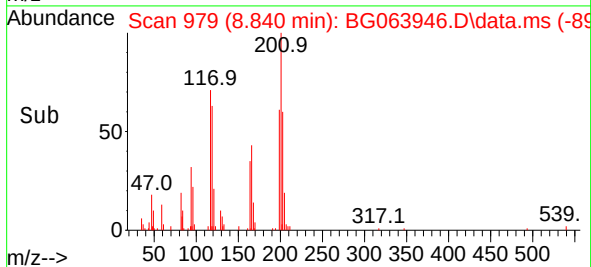
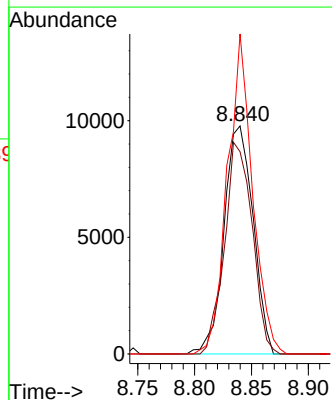
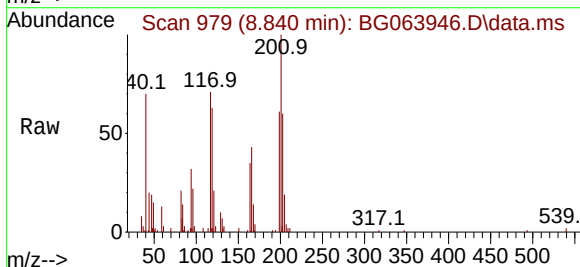
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

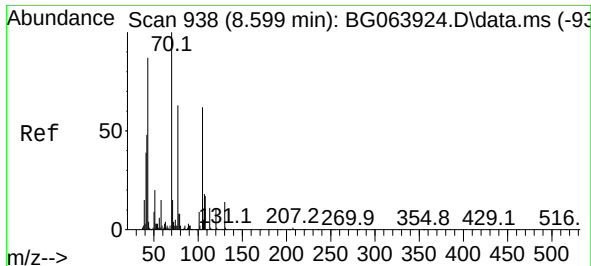
Tgt Ion:	107	Resp:	34223
Ion	Ratio	Lower	Upper
107	100		
108	96.3	89.5	134.3
77	44.0	43.4	65.2
79	42.8	40.2	60.4



#18
Hexachloroethane
Concen: 4.348 ng
RT: 8.840 min Scan# 979
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:	117	Resp:	17352
Ion	Ratio	Lower	Upper
117	100		
119	86.7	79.7	119.5
201	137.2	97.8	146.8





#19

n-Nitroso-di-n-propylamine

Concen: 3.985 ng

RT: 8.564 min Scan# 91

Delta R.T. -0.035 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 70 Resp: 36984

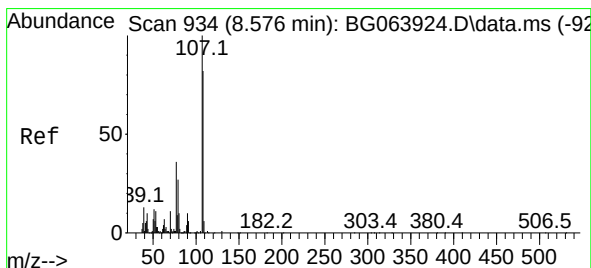
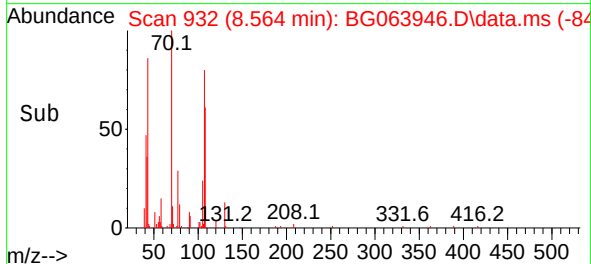
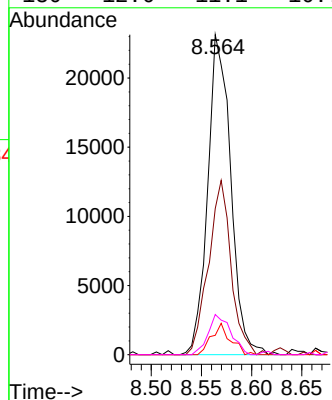
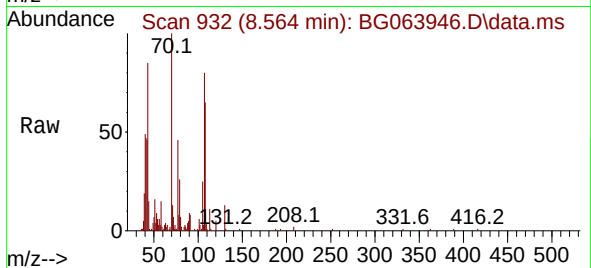
Ion Ratio Lower Upper

70 100

42 45.7 39.0 58.4

101 6.1 7.0 10.4#

130 12.6 11.1 16.7



#20

3+4-Methylphenols

Concen: 4.265 ng

RT: 8.552 min Scan# 930

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Tgt Ion:107 Resp: 49272

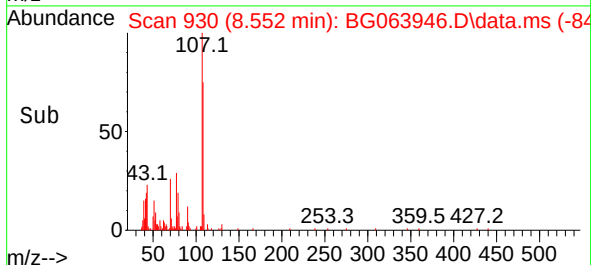
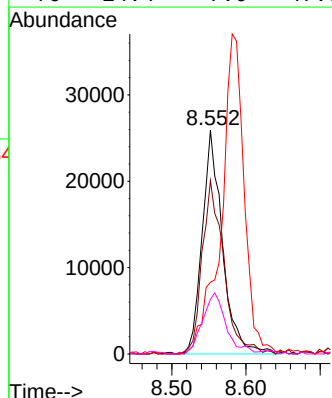
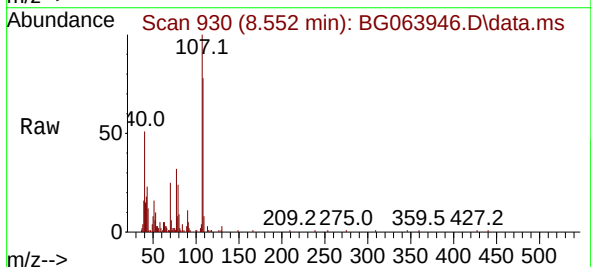
Ion Ratio Lower Upper

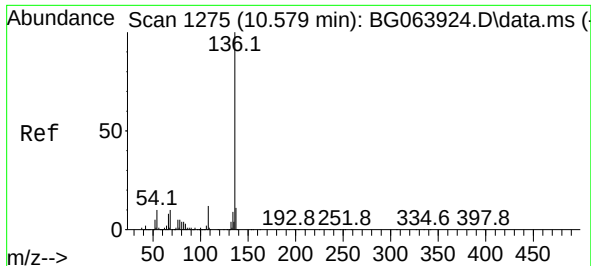
107 100

108 77.5 62.4 102.4

77 32.0 16.3 56.3

79 24.4 7.0 47.0

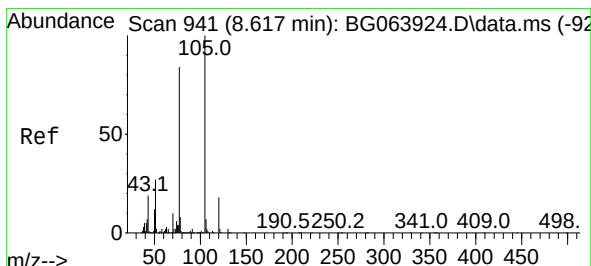
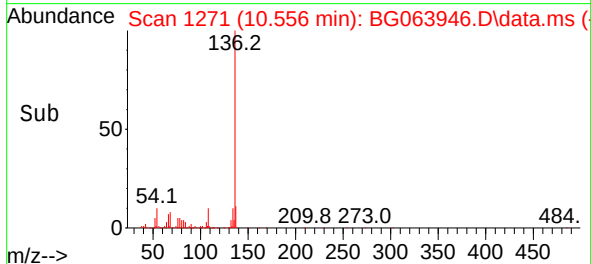
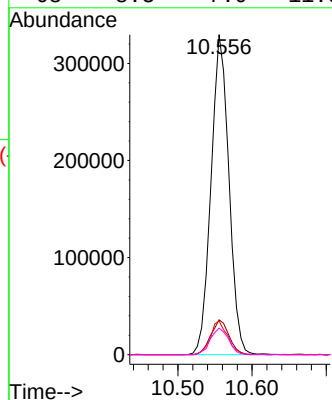
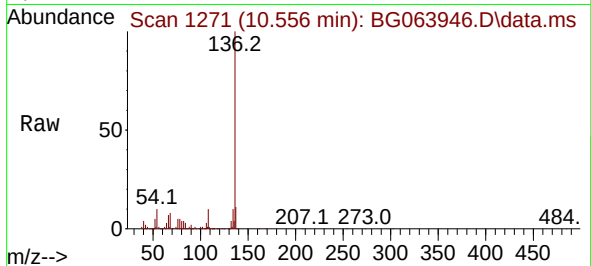




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

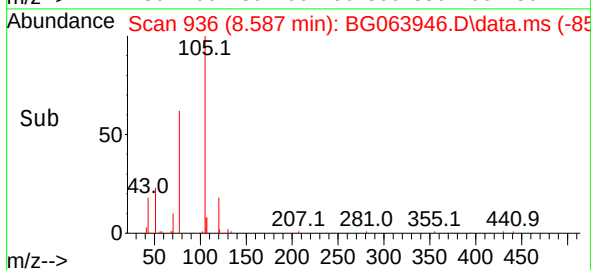
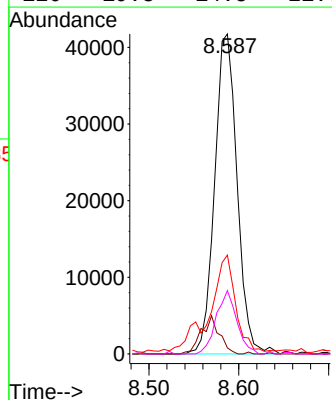
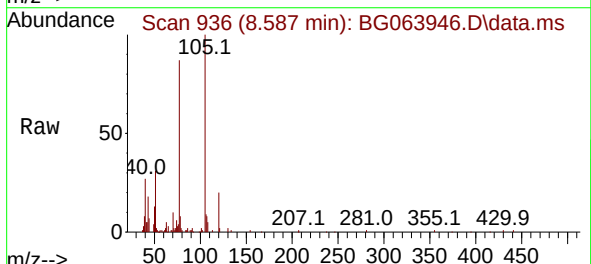
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

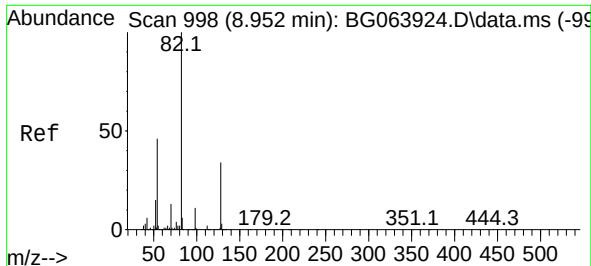
Tgt Ion:	136	Resp:	551514
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	10.5	8.0	12.0
68	8.3	7.9	11.9



#22
Acetophenone
Concen: 4.376 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:	105	Resp:	72471
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.5	2.3
51	30.9	21.8	32.8
120	19.8	14.5	21.7





#23

Nitrobenzene-d5

Concen: 72.374 ng

RT: 8.922 min Scan# 90

Delta R.T. -0.030 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

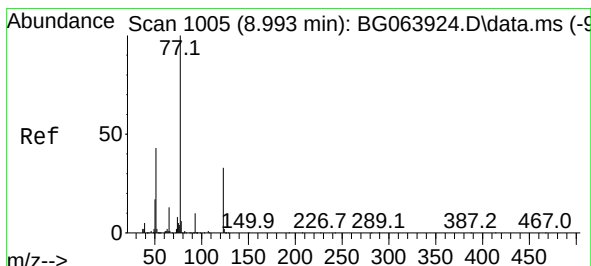
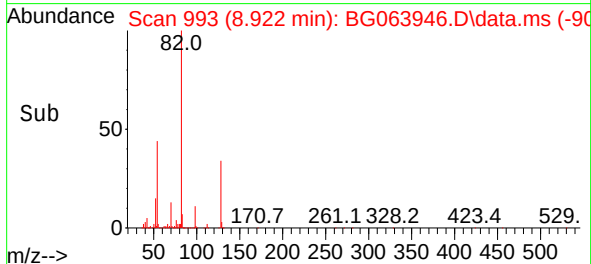
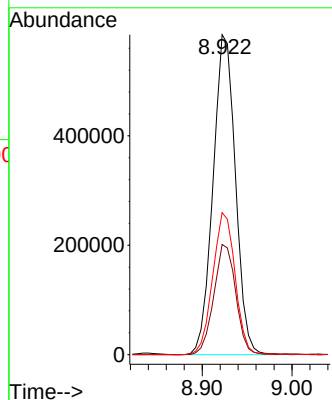
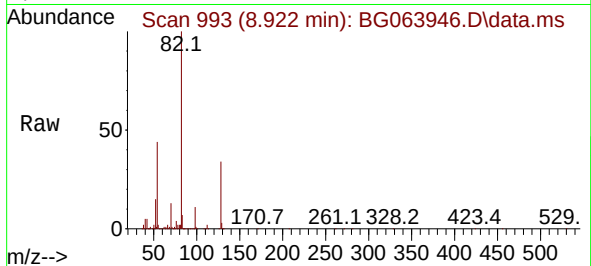
Tgt Ion: 82 Resp: 1013308

Ion Ratio Lower Upper

82 100

128 34.5 26.9 40.3

54 44.4 36.7 55.1



#24

Nitrobenzene

Concen: 4.369 ng

RT: 8.963 min Scan# 1000

Delta R.T. -0.029 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

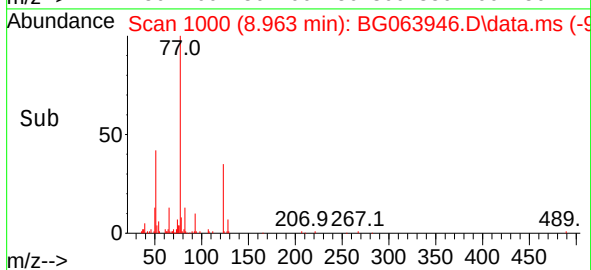
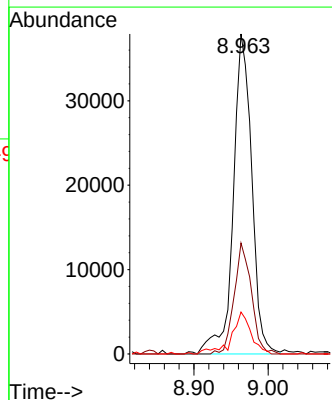
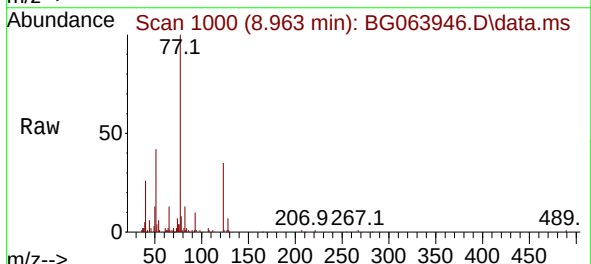
Tgt Ion: 77 Resp: 65687

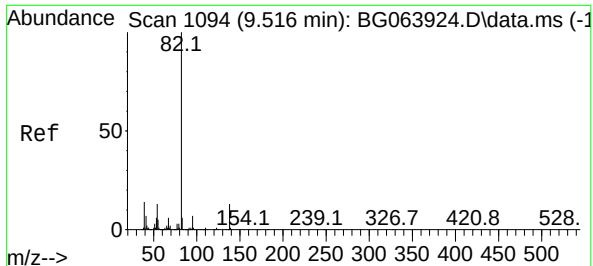
Ion Ratio Lower Upper

77 100

123 34.7 26.5 39.7

65 13.1 10.2 15.4

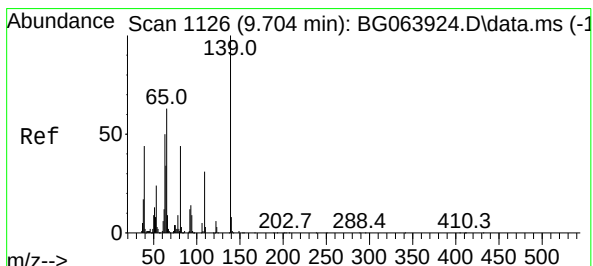
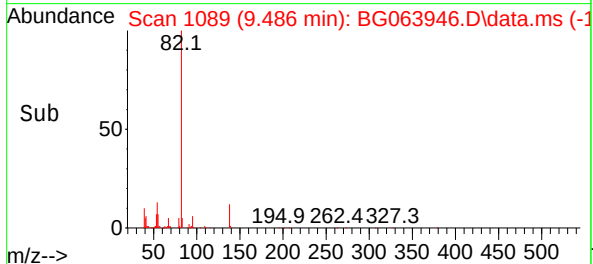
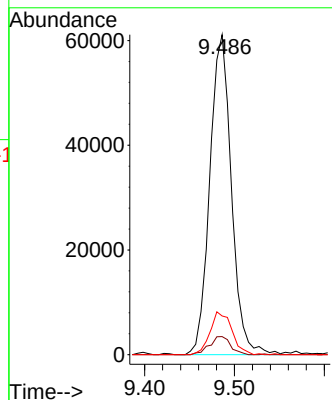
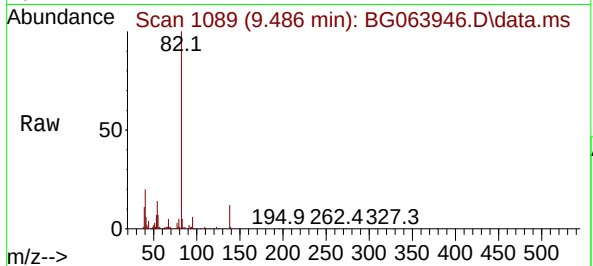




#25
Isophorone
Concen: 4.139 ng
RT: 9.486 min Scan# 1089
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

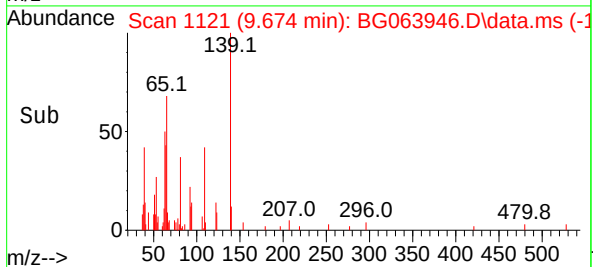
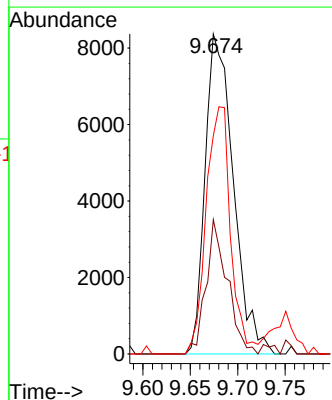
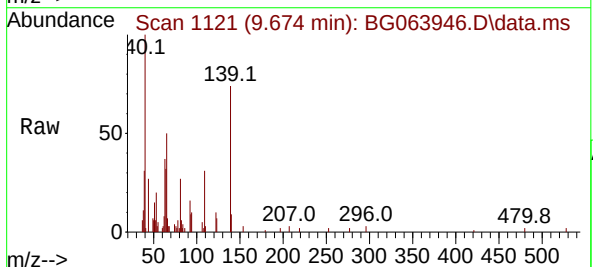
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

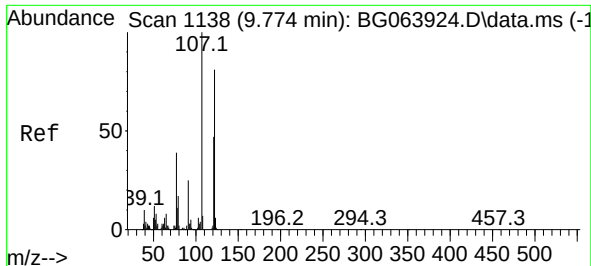
Tgt Ion: 82 Resp: 102125
Ion Ratio Lower Upper
82 100
95 5.6 5.2 7.8
138 12.1 10.6 16.0



#26
2-Nitrophenol
Concen: 3.628 ng
RT: 9.674 min Scan# 1121
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:139 Resp: 17308
Ion Ratio Lower Upper
139 100
109 41.9 25.0 37.4#
65 68.2 51.1 76.7

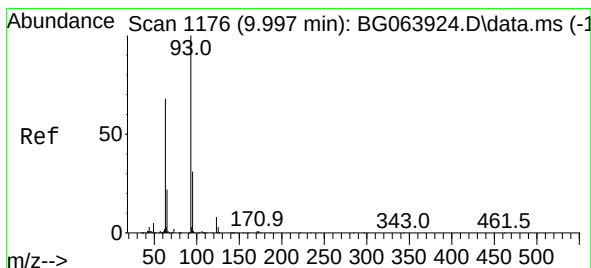
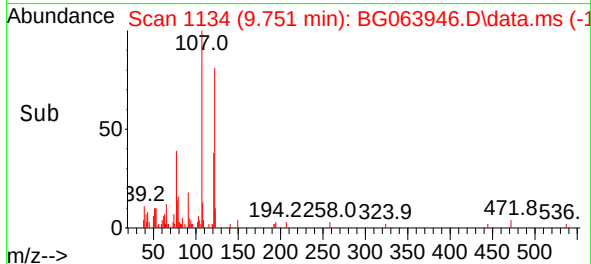
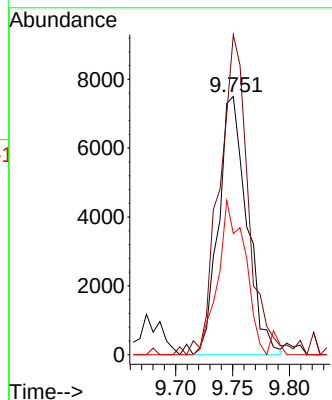
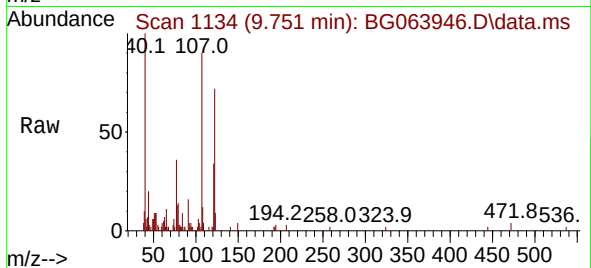




#27
2,4-Dimethylphenol
Concen: 2.163 ng
RT: 9.751 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

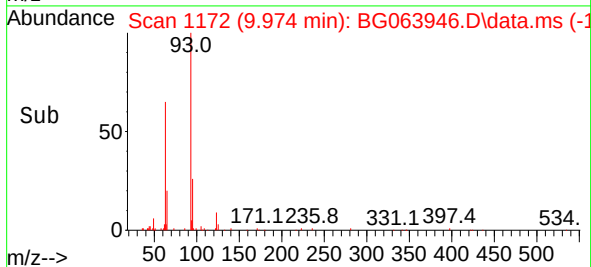
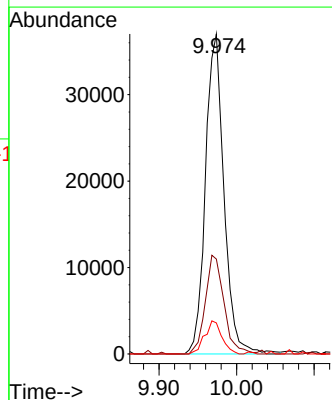
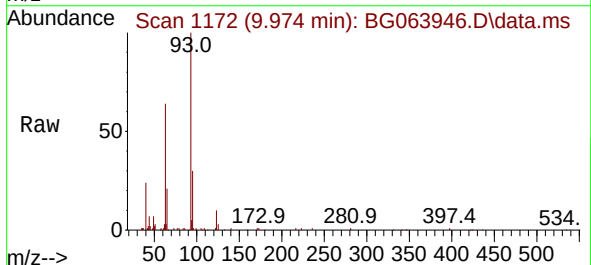
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

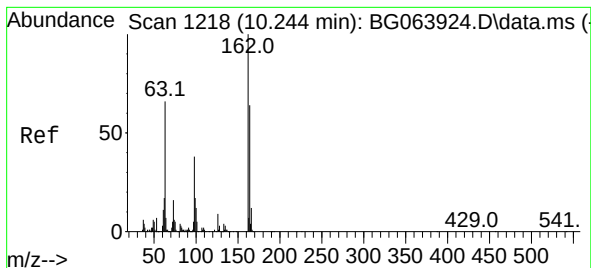
Tgt Ion:122 Resp: 13158
Ion Ratio Lower Upper
122 100
107 123.9 99.0 148.4
121 46.9 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 4.169 ng
RT: 9.974 min Scan# 1172
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion: 93 Resp: 61348
Ion Ratio Lower Upper
93 100
95 29.6 25.0 37.6
123 9.7 6.9 10.3





#29

2,4-Dichlorophenol

Concen: 4.084 ng

RT: 10.227 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

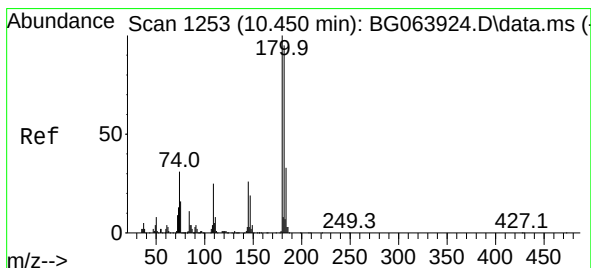
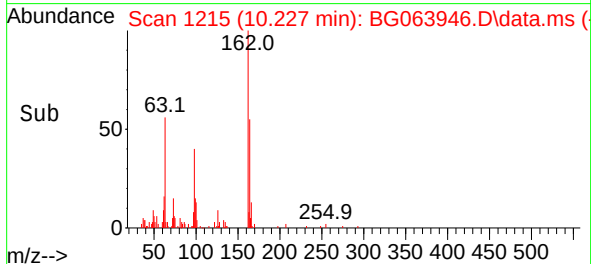
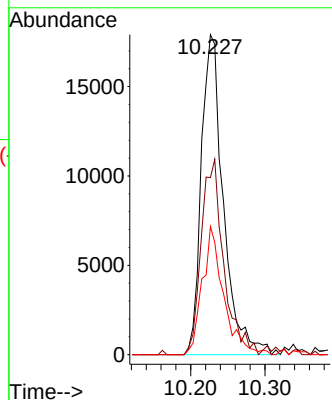
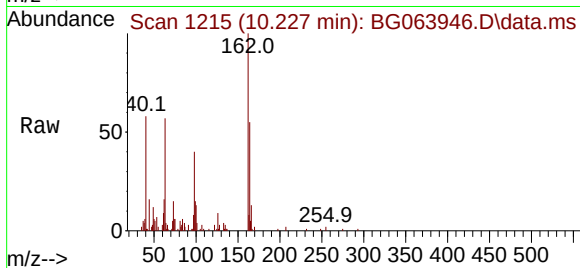
Tgt Ion:162 Resp: 37115

Ion Ratio Lower Upper

162 100

164 55.3 44.4 84.4

98 40.1 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 4.244 ng

RT: 10.426 min Scan# 1249

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

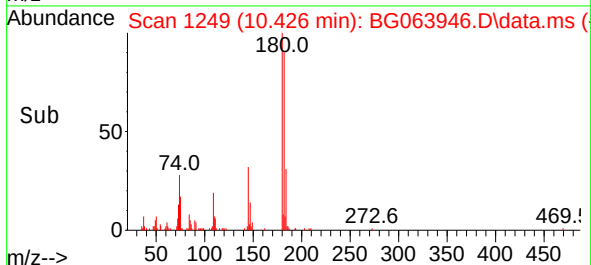
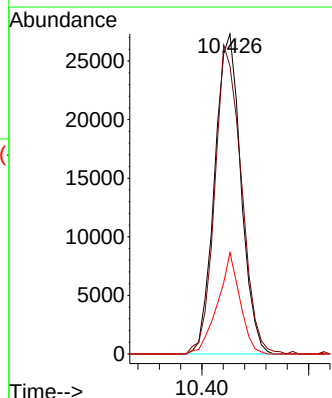
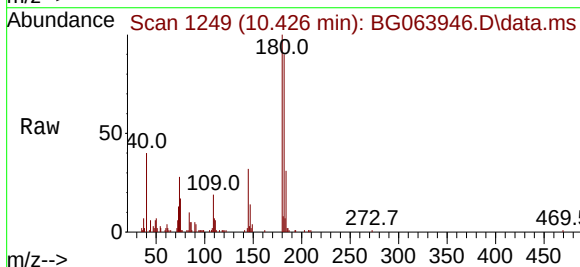
Tgt Ion:180 Resp: 46656

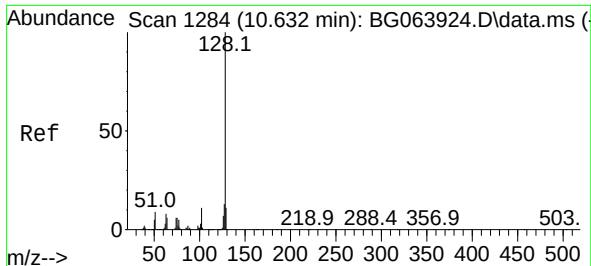
Ion Ratio Lower Upper

180 100

182 90.0 75.8 113.6

145 31.6 20.8 31.2#

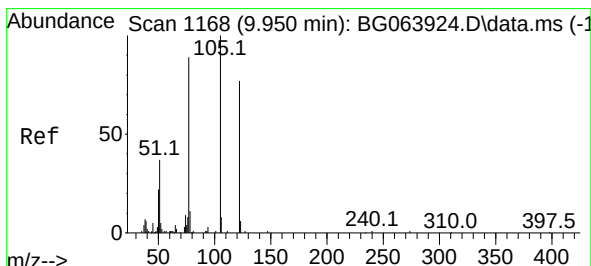
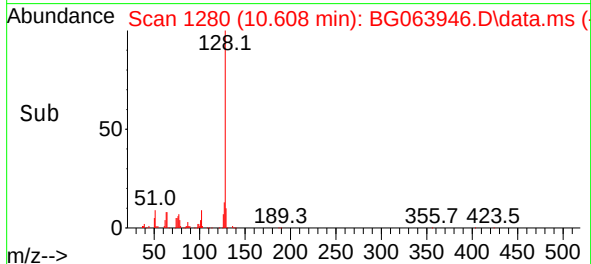
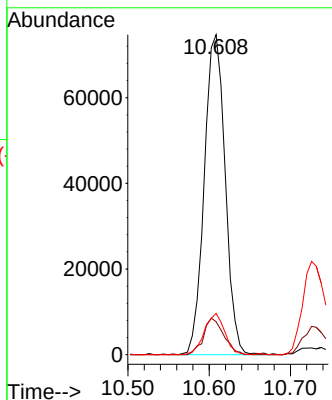
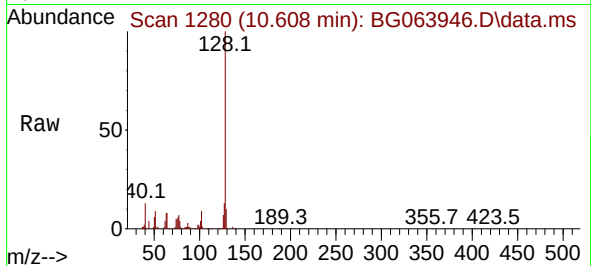




#31
Naphthalene
Concen: 4.464 ng
RT: 10.608 min Scan# 1170
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

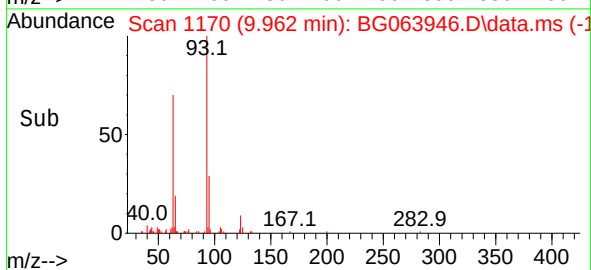
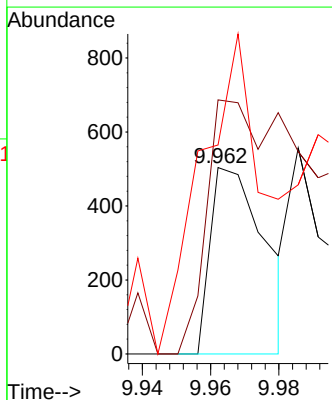
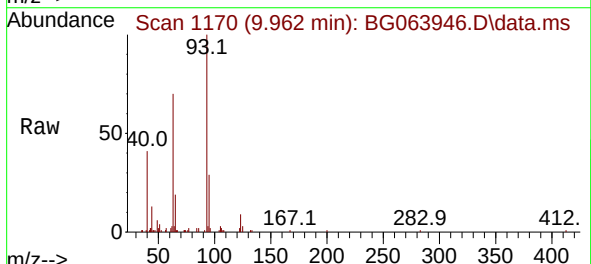
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

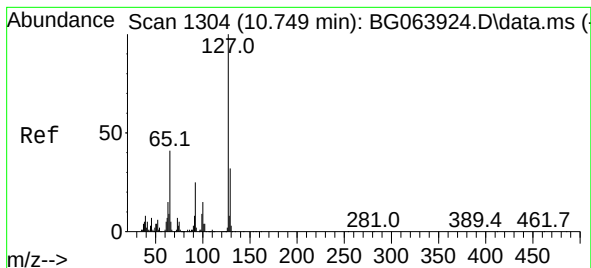
Tgt Ion:128 Resp: 133457
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 0.137 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:122 Resp: 558
Ion Ratio Lower Upper
122 100
105 136.3 109.7 149.7
77 112.1 96.0 136.0





#33

4-Chloroaniline

Concen: 4.598 ng

RT: 10.726 min Scan# 1300

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:127 Resp: 44633

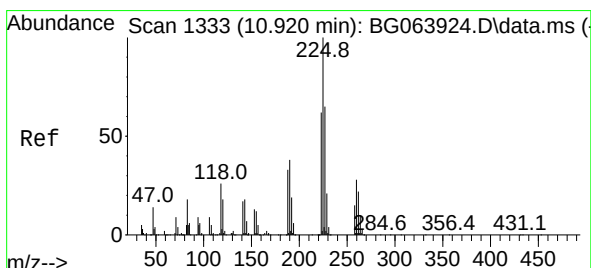
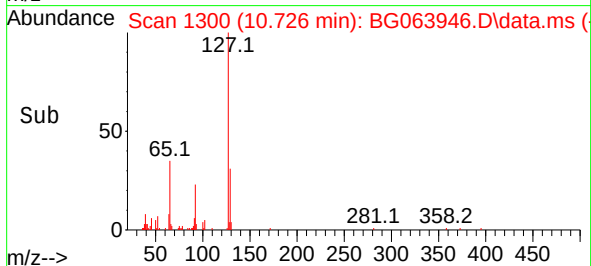
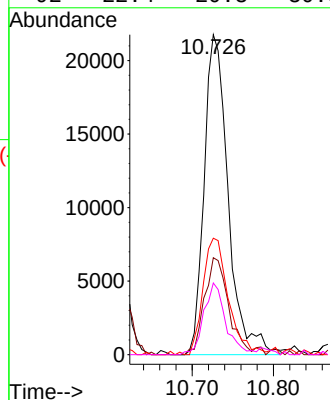
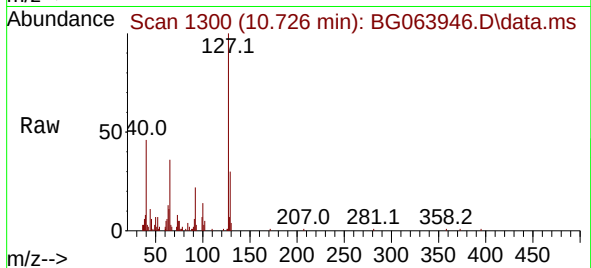
Ion Ratio Lower Upper

127 100

129 30.3 25.4 38.0

65 36.4 32.6 48.8

92 22.4 20.3 30.5



#34

Hexachlorobutadiene

Concen: 3.886 ng

RT: 10.896 min Scan# 1329

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

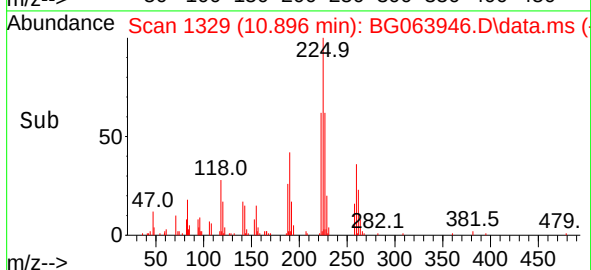
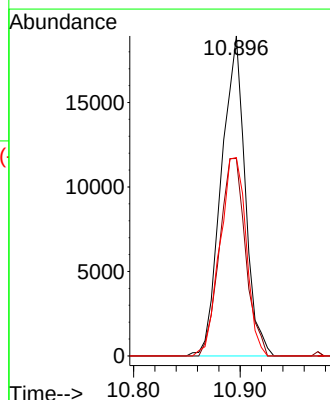
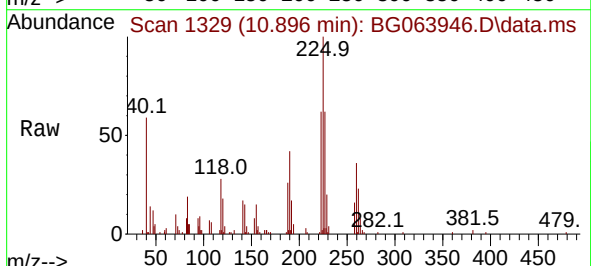
Tgt Ion:225 Resp: 29285

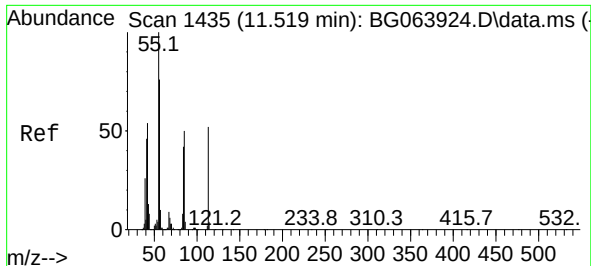
Ion Ratio Lower Upper

225 100

223 60.0 49.5 74.3

227 60.3 51.6 77.4

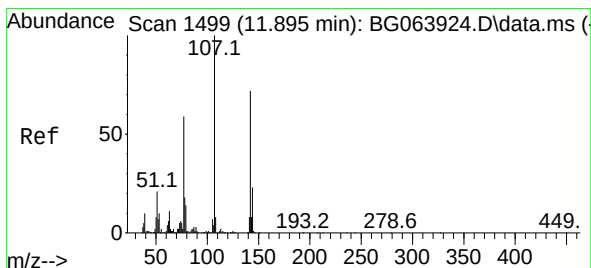
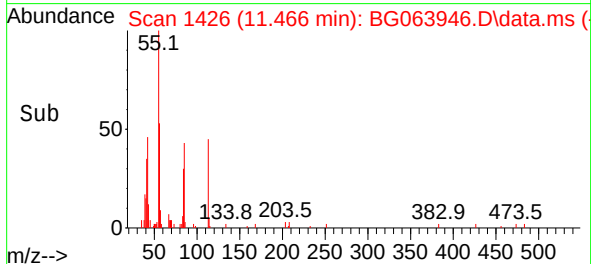
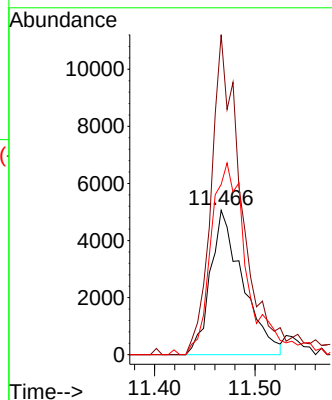
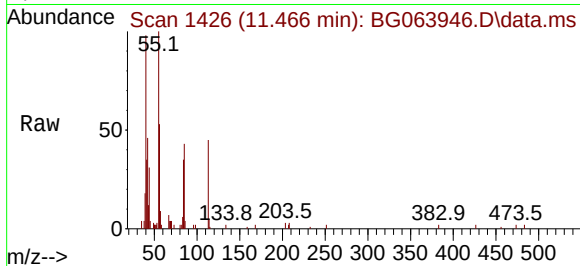




#35
Caprolactam
Concen: 3.787 ng
RT: 11.466 min Scan# 1426
Delta R.T. -0.053 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

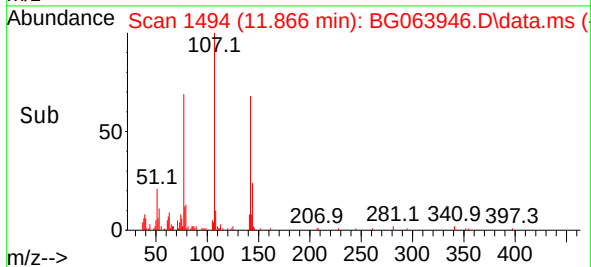
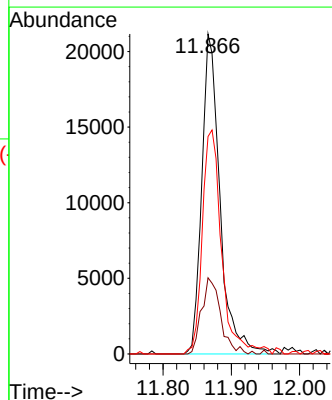
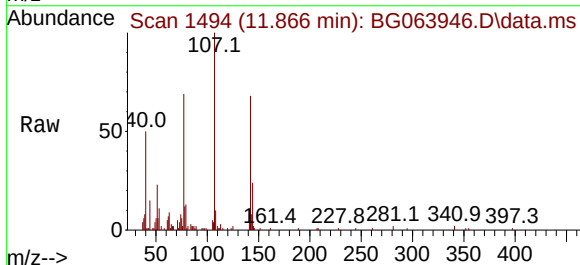
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

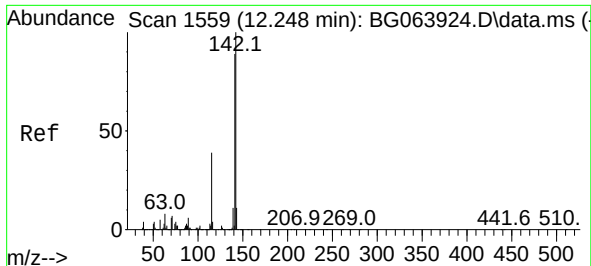
Tgt Ion:113 Resp: 11365
Ion Ratio Lower Upper
113 100
55 221.7 173.7 213.7#
56 117.9 127.5 167.5#



#36
4-Chloro-3-methylphenol
Concen: 3.892 ng
RT: 11.866 min Scan# 1494
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:107 Resp: 39265
Ion Ratio Lower Upper
107 100
144 23.8 18.7 28.1
142 67.9 57.5 86.3

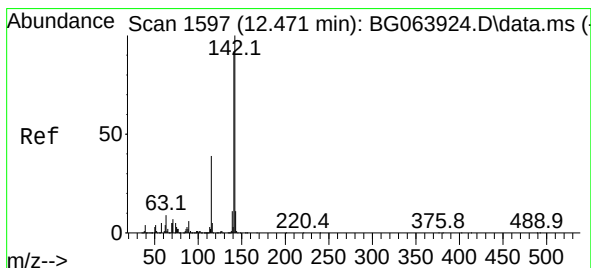
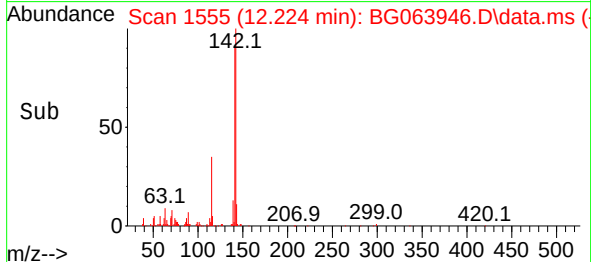
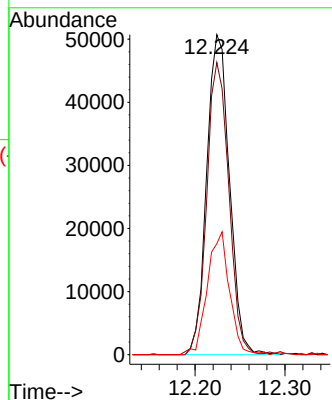
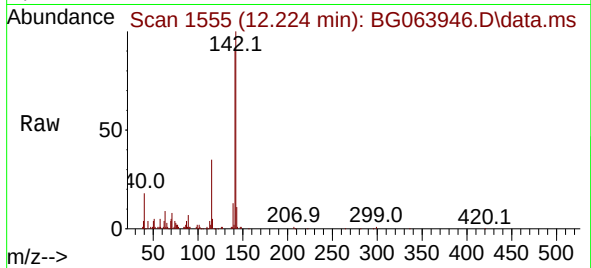




#37
2-Methylnaphthalene
Concen: 4.247 ng
RT: 12.224 min Scan# 1555
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

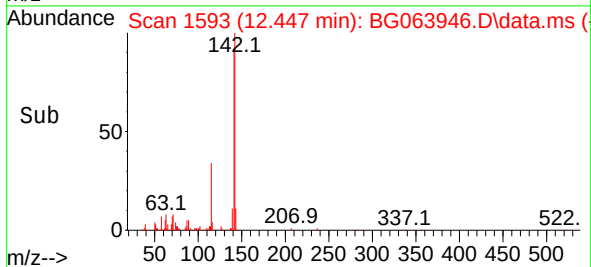
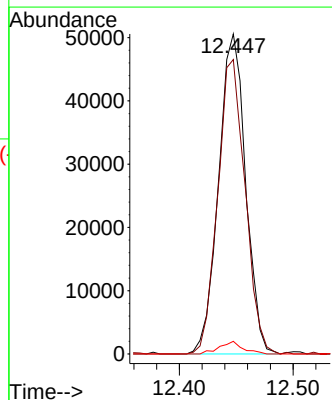
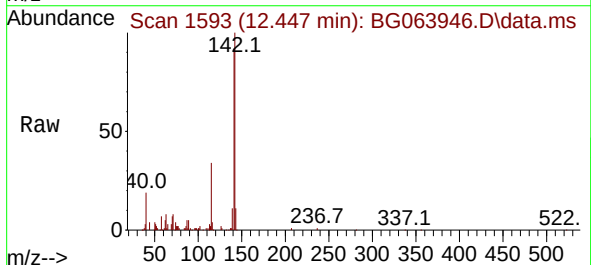
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

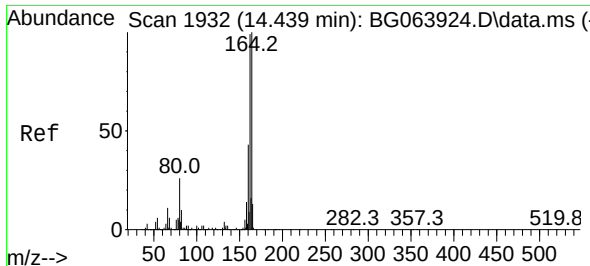
Tgt Ion:142 Resp: 89215
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2
115 34.7 31.2 46.8



#38
1-Methylnaphthalene
Concen: 4.003 ng
RT: 12.447 min Scan# 1593
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:142 Resp: 83647
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 3.9 3.7 5.5

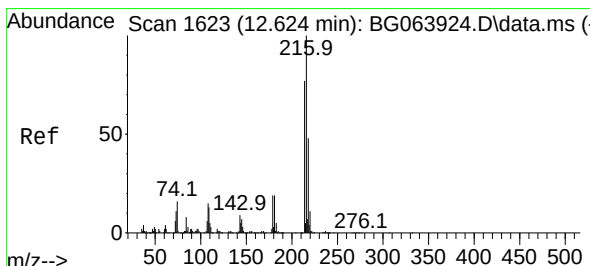
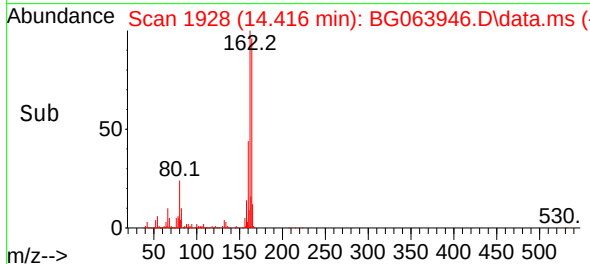
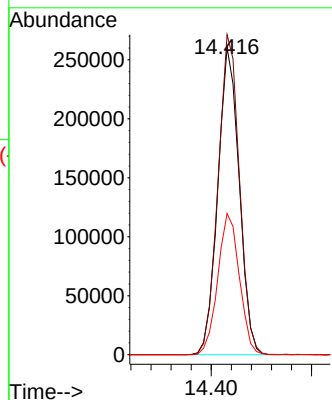
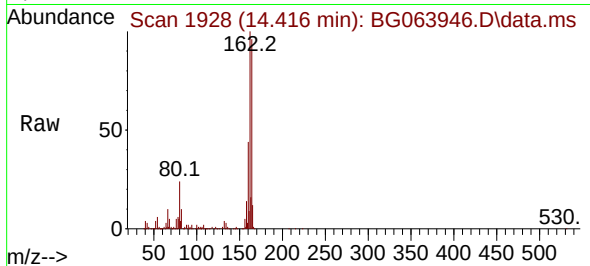




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

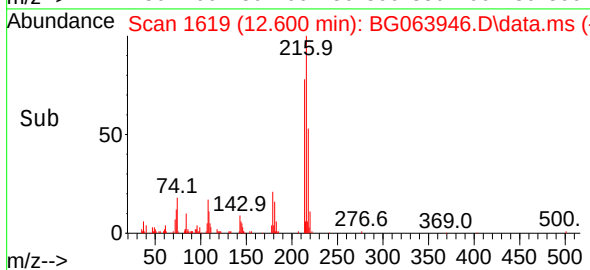
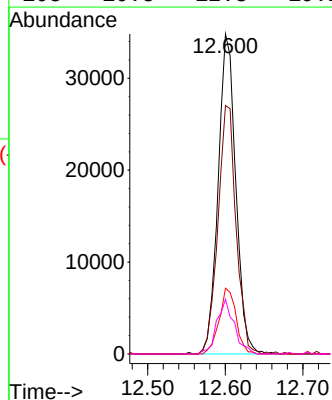
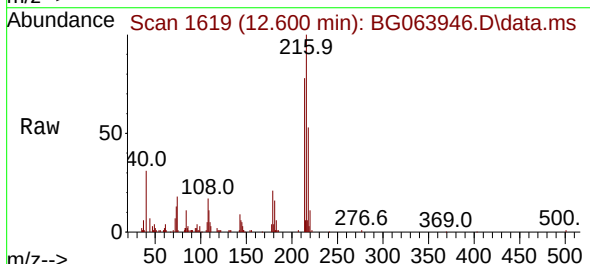
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

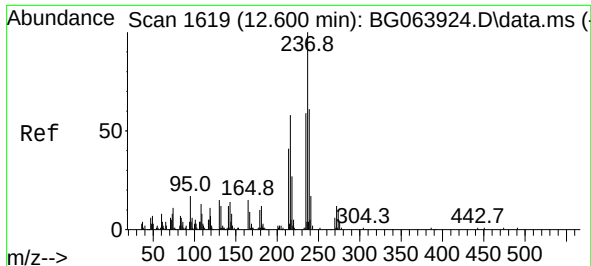
Tgt Ion:164 Resp: 384057
Ion Ratio Lower Upper
164 100
162 104.2 79.1 118.7
160 45.9 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.266 ng
RT: 12.600 min Scan# 1619
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:216 Resp: 54973
Ion Ratio Lower Upper
216 100
214 79.9 61.8 92.8
179 19.8 15.5 23.3
108 16.8 12.8 19.2

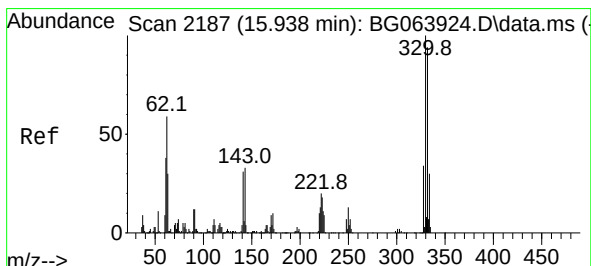
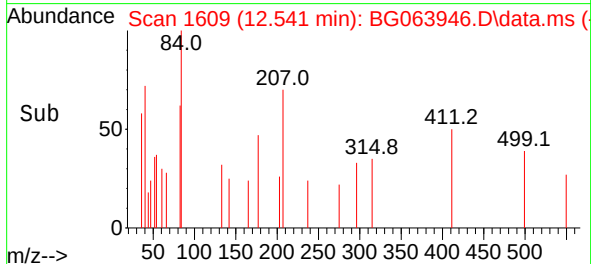
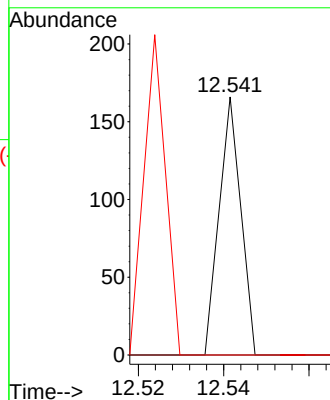
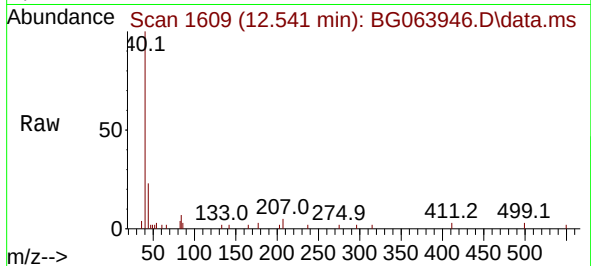




#41
Hexachlorocyclopentadiene
Concen: 11.460 ng
RT: 12.541 min Scan# 1
Delta R.T. -0.059 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

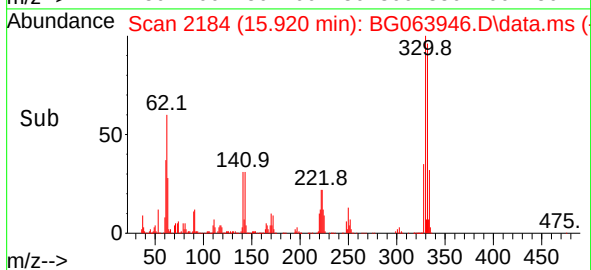
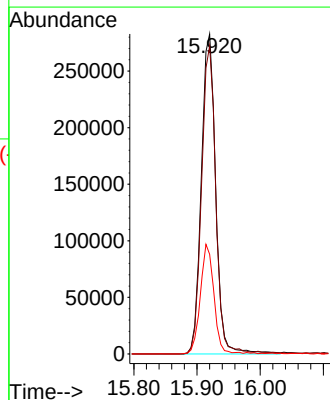
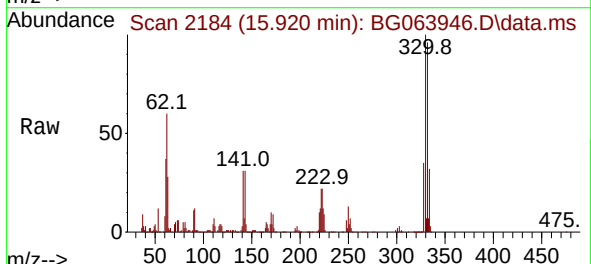
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

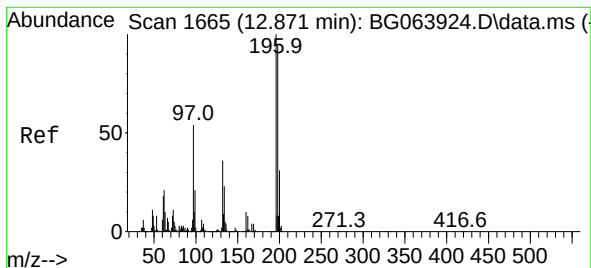
Tgt Ion:237	Resp:	59
Ion Ratio	Lower	Upper
237	100	
235	0.0	39.2 79.2#
272	0.0	0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 96.278 ng
RT: 15.920 min Scan# 2184
Delta R.T. -0.018 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:330	Resp:	445885
Ion Ratio	Lower	Upper
330	100	
332	94.7	76.6 114.8
141	32.3	24.4 36.6





#43

2,4,6-Trichlorophenol

Concen: 3.676 ng

RT: 12.859 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

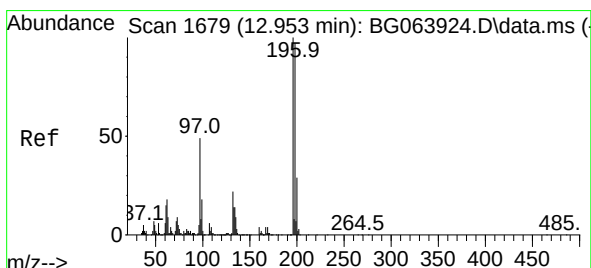
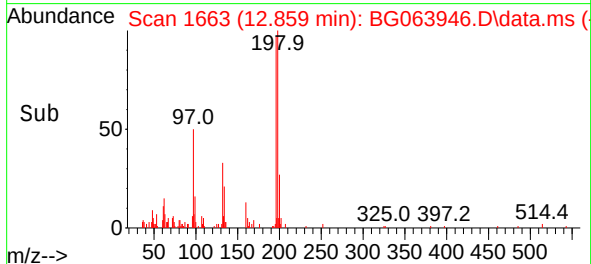
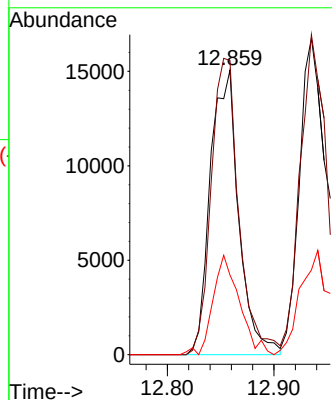
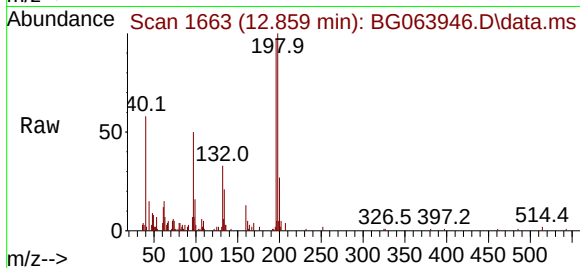
Tgt Ion:196 Resp: 27899

Ion Ratio Lower Upper

196 100

198 98.1 76.3 114.5

200 26.6 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 3.731 ng

RT: 12.935 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Tgt Ion:196 Resp: 31780

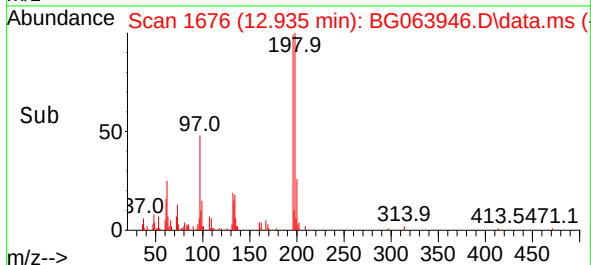
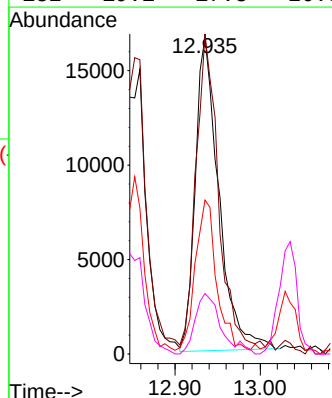
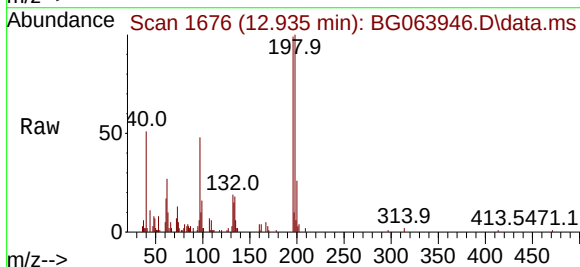
Ion Ratio Lower Upper

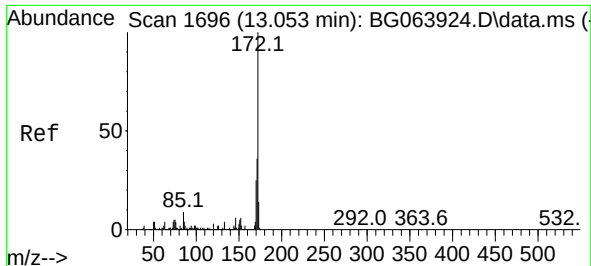
196 100

198 101.1 77.7 116.5

97 48.7 39.5 59.3

132 19.1 17.8 26.8

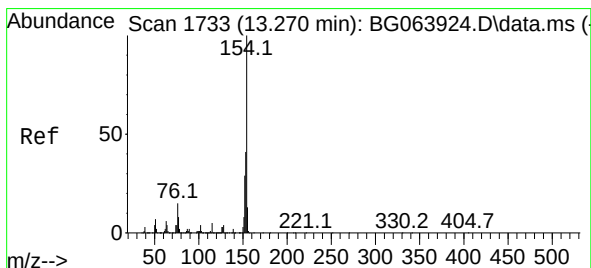
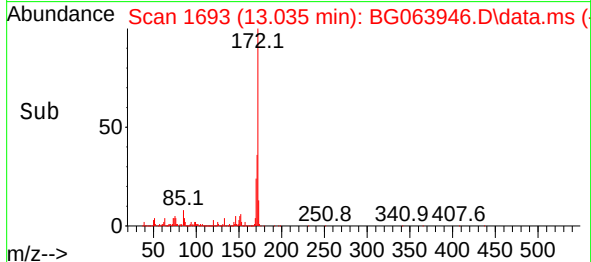
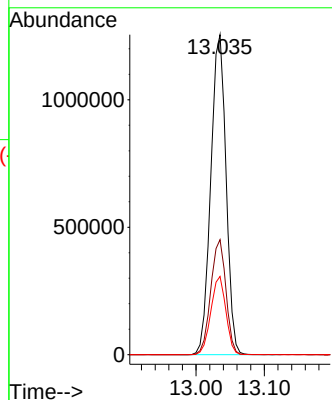
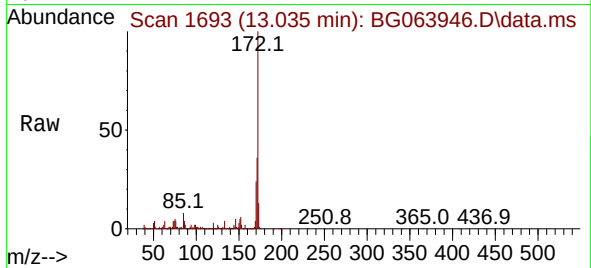




#45
2-Fluorobiphenyl
Concen: 73.728 ng
RT: 13.035 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

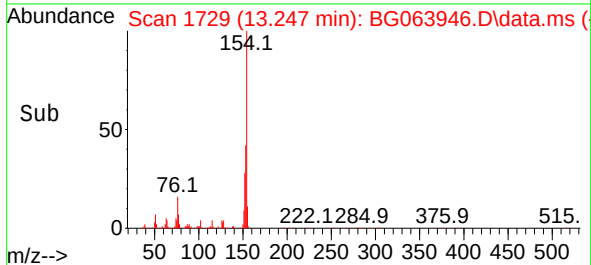
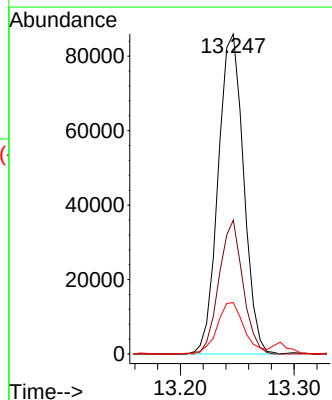
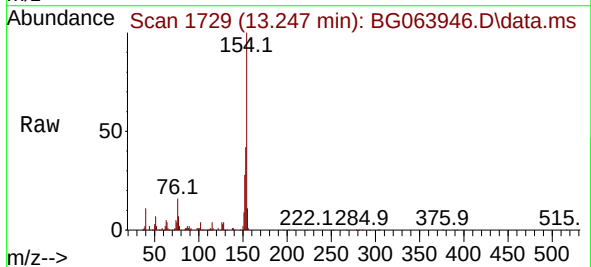
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

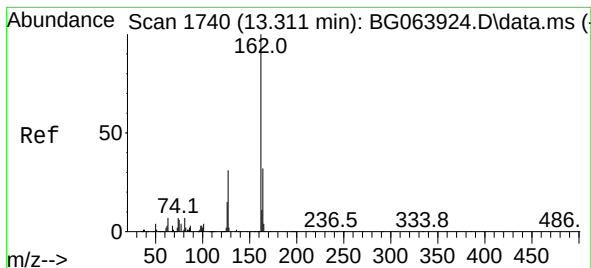
Tgt Ion:172 Resp: 1954543
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.5 20.1 30.1



#46
1,1'-Biphenyl
Concen: 4.773 ng
RT: 13.247 min Scan# 1729
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:154 Resp: 133792
Ion Ratio Lower Upper
154 100
153 41.9 21.4 61.4
76 16.1 0.0 35.0





#47

2-Chloronaphthalene

Concen: 4.570 ng

RT: 13.288 min Scan# 1

Delta R.T. -0.023 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

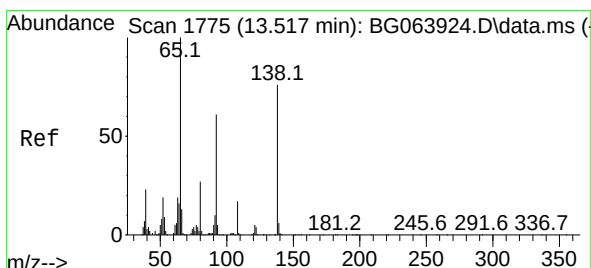
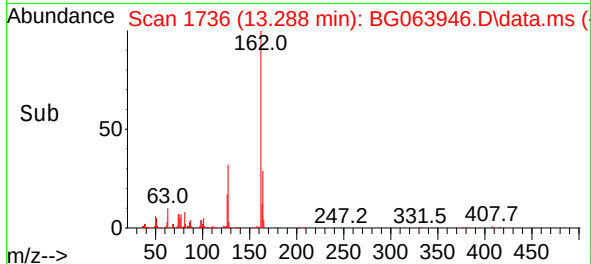
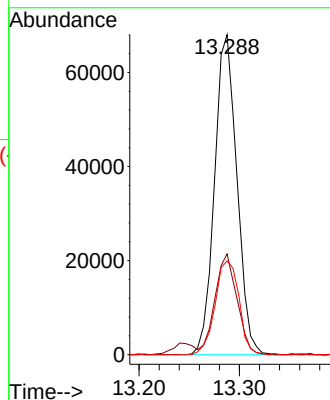
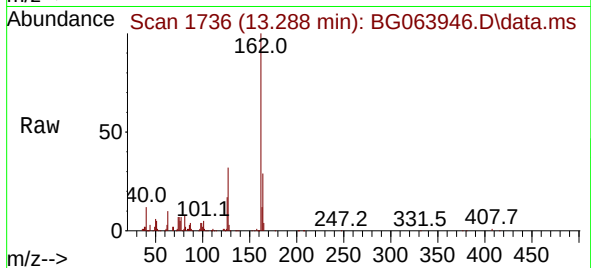
Tgt Ion:162 Resp: 105315

Ion Ratio Lower Upper

162 100

127 31.5 25.6 38.4

164 29.3 25.7 38.5



#48

2-Nitroaniline

Concen: 3.732 ng

RT: 13.499 min Scan# 1772

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

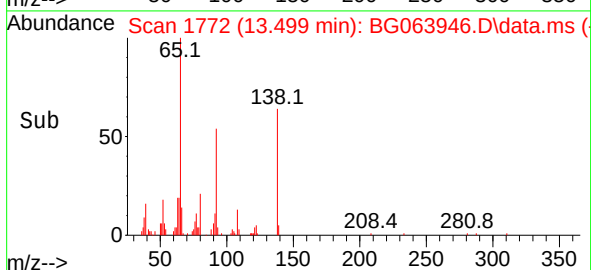
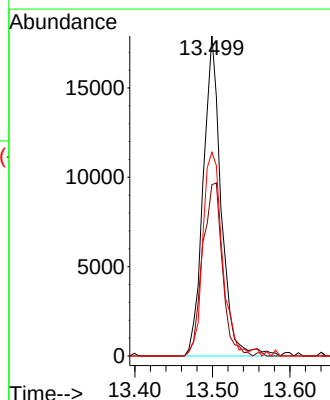
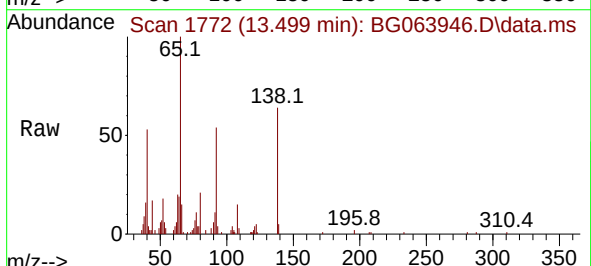
Tgt Ion: 65 Resp: 28777

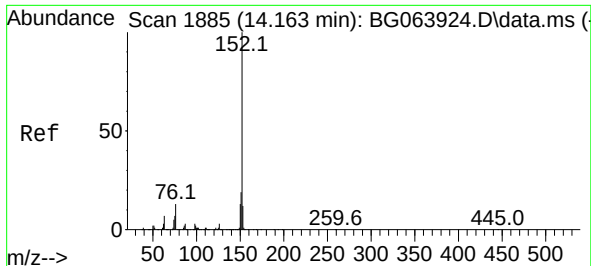
Ion Ratio Lower Upper

65 100

92 53.5 48.9 73.3

138 63.7 61.0 91.6

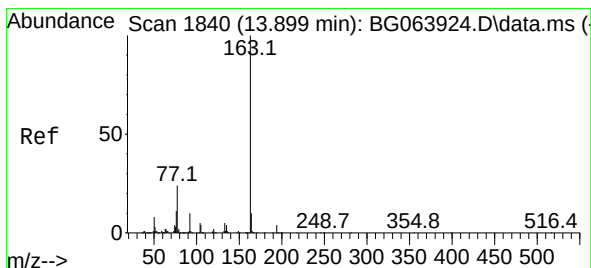
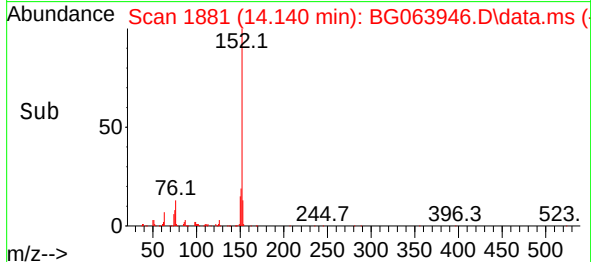
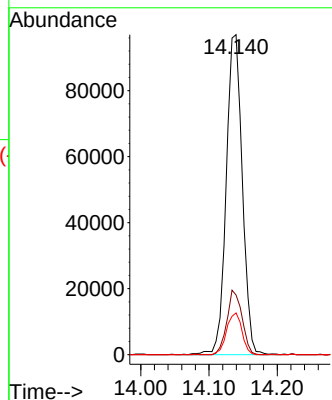
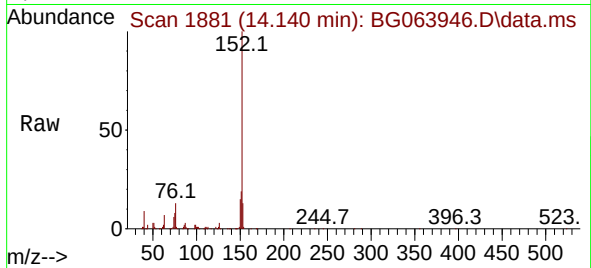




#49
Acenaphthylene
Concen: 4.658 ng
RT: 14.140 min Scan# 1881
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

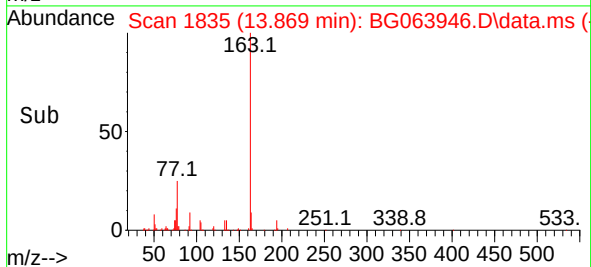
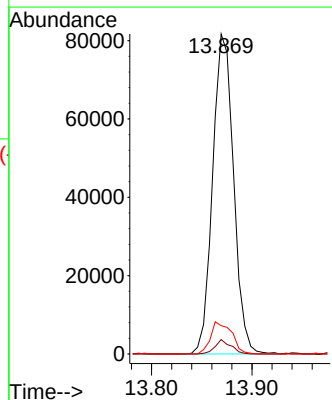
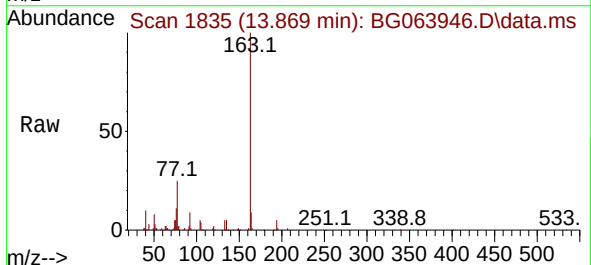
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

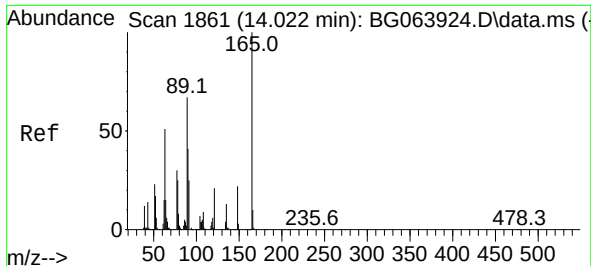
Tgt Ion:152 Resp: 159041
Ion Ratio Lower Upper
152 100
151 18.7 15.5 23.3
153 13.1 9.9 14.9



#50
Dimethylphthalate
Concen: 4.215 ng
RT: 13.869 min Scan# 1835
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:163 Resp: 118226
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 8.8 7.8 11.8

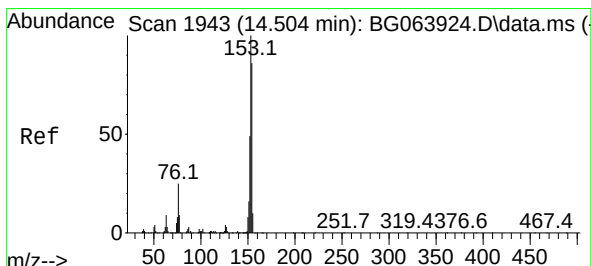
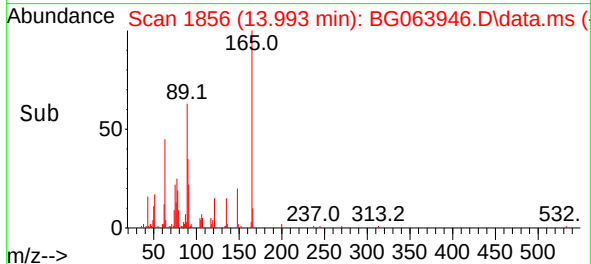
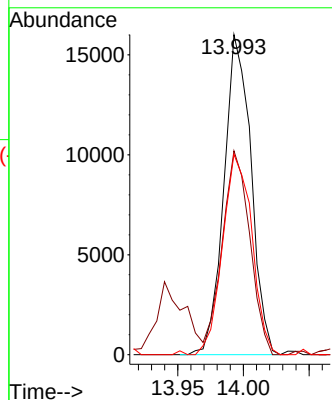
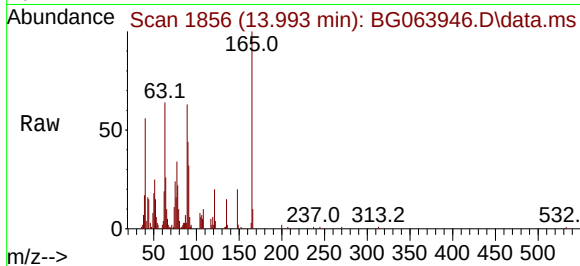




#51
2,6-Dinitrotoluene
Concen: 3.672 ng
RT: 13.993 min Scan# 1861
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

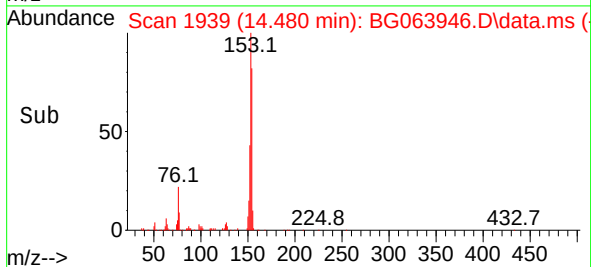
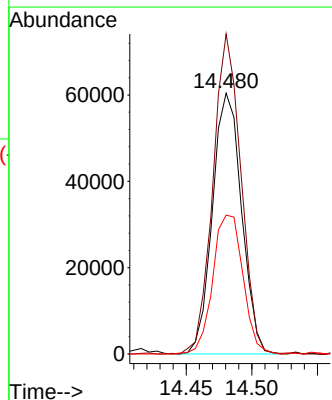
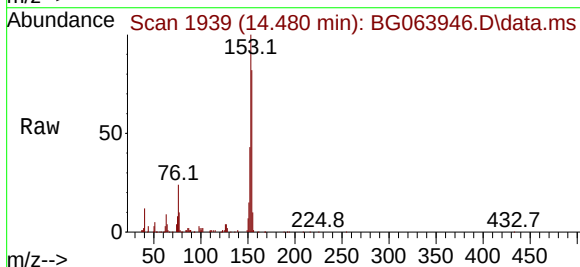
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

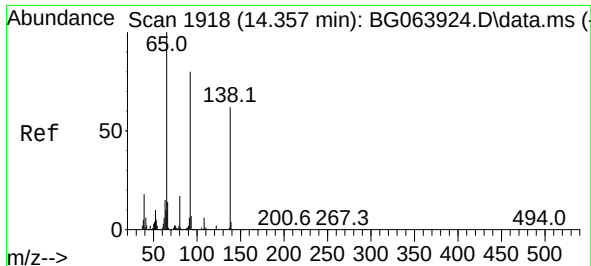
Tgt Ion:165 Resp: 22946
Ion Ratio Lower Upper
165 100
63 63.7 53.9 80.9
89 62.6 53.8 80.8



#52
Acenaphthene
Concen: 4.462 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:154 Resp: 93159
Ion Ratio Lower Upper
154 100
153 122.7 93.4 140.0
152 53.2 46.1 69.1





#53

3-Nitroaniline

Concen: 3.622 ng

RT: 14.334 min Scan# 1

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

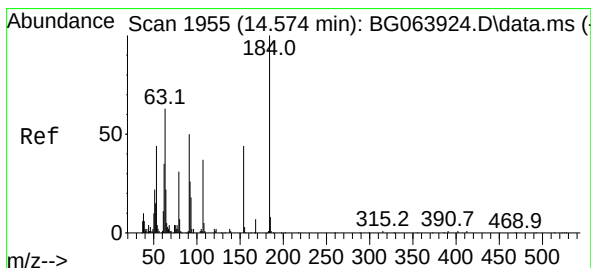
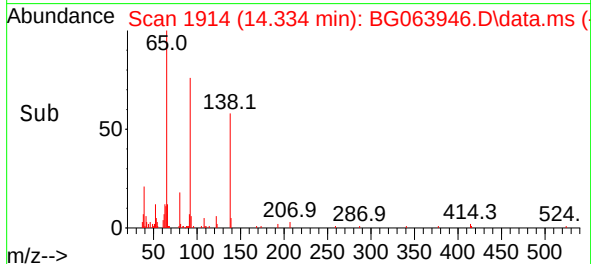
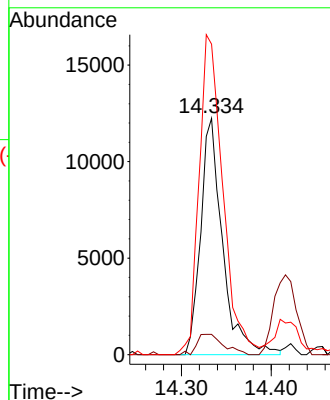
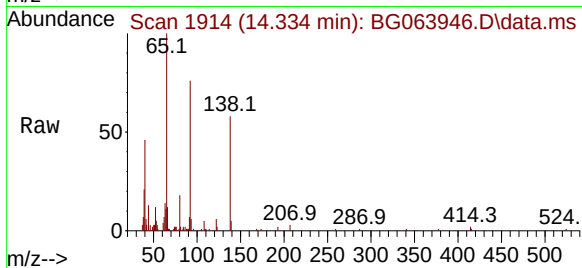
Tgt Ion:138 Resp: 20762

Ion Ratio Lower Upper

138 100

108 8.6 7.8 11.8

92 131.4 104.2 156.2



#54

2,4-Dinitrophenol

Concen: 8.080 ng

RT: 14.657 min Scan# 1969

Delta R.T. 0.083 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

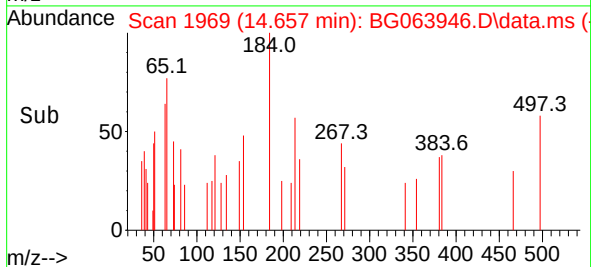
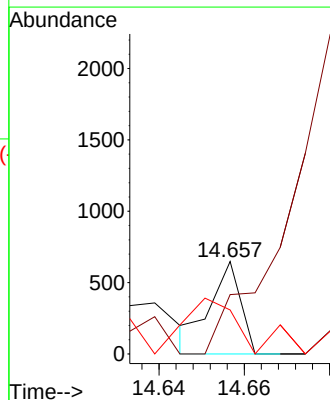
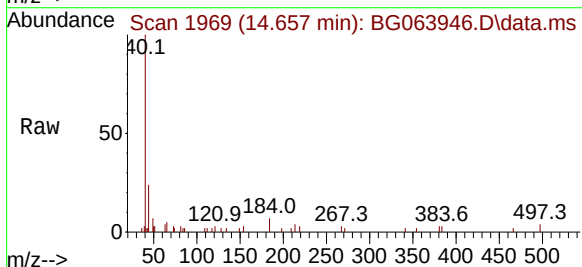
Tgt Ion:184 Resp: 315

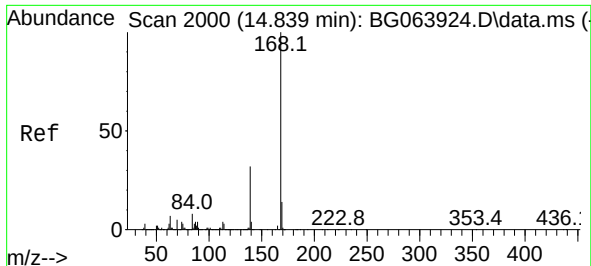
Ion Ratio Lower Upper

184 100

63 64.2 50.8 76.2

154 47.5 44.2 66.2





#55

Dibenzenofuran

Concen: 4.425 ng

RT: 14.815 min Scan# 1996

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

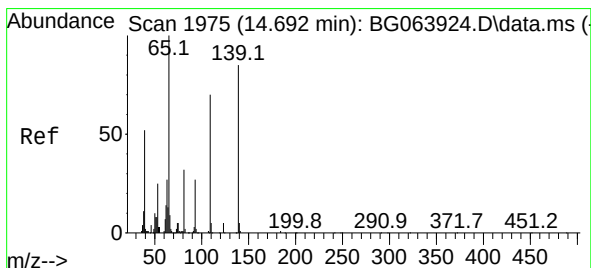
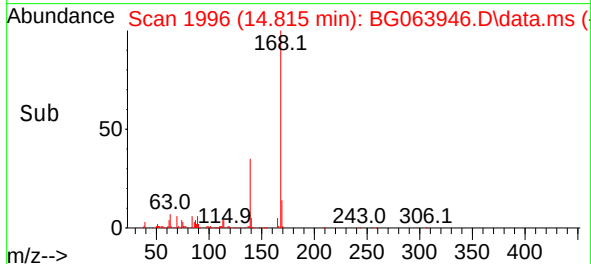
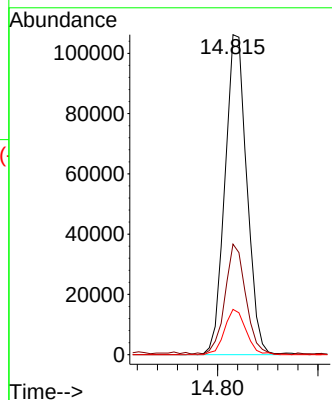
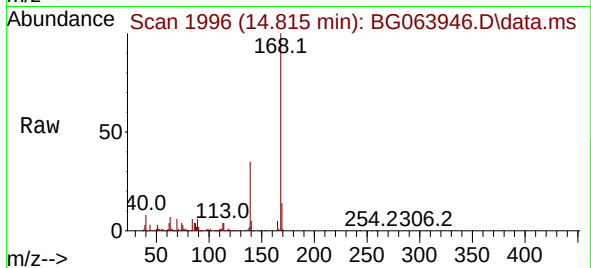
Tgt Ion:168 Resp: 160341

Ion Ratio Lower Upper

168 100

139 34.5 26.0 39.0

169 14.2 10.8 16.2



#56

4-Nitrophenol

Concen: 2.240 ng

RT: 14.674 min Scan# 1972

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

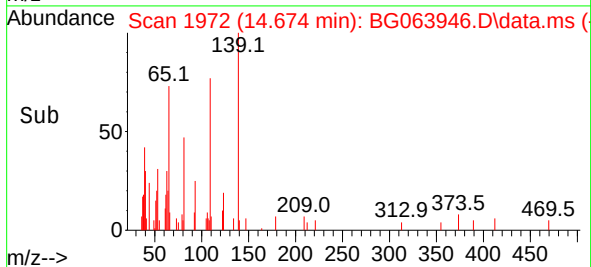
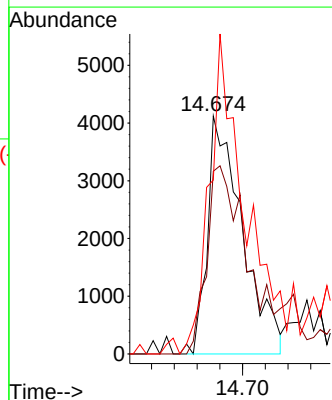
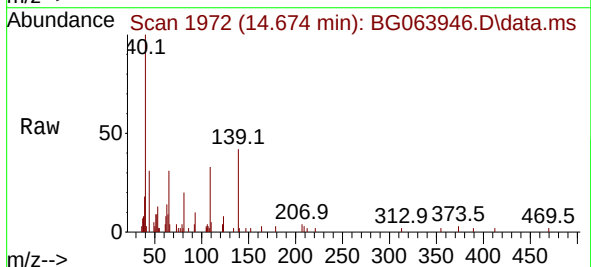
Tgt Ion:139 Resp: 8804

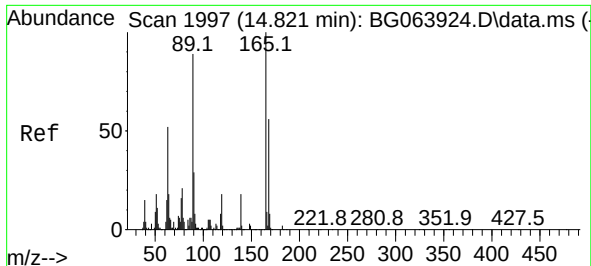
Ion Ratio Lower Upper

139 100

109 76.8 62.8 102.8

65 73.1 98.2 138.2#

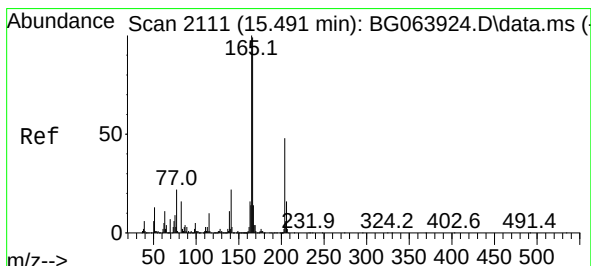
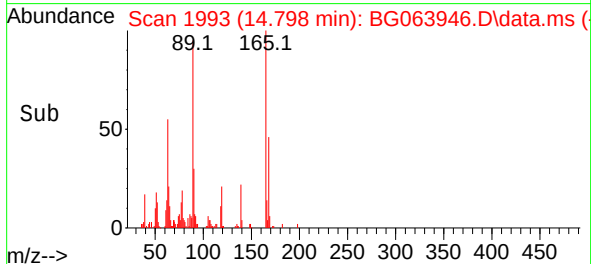
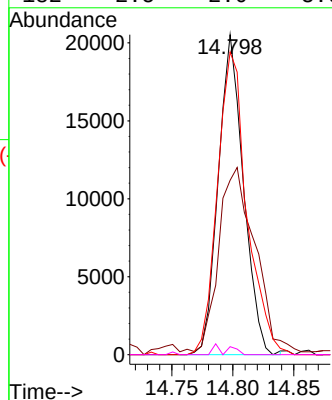
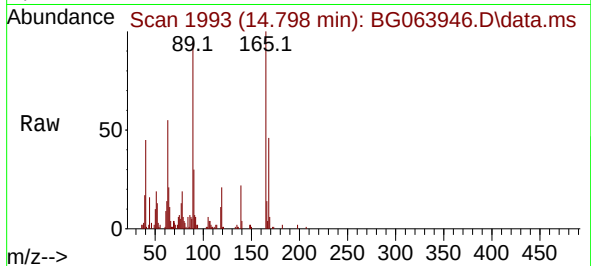




#57
2,4-Dinitrotoluene
Concen: 3.355 ng
RT: 14.798 min Scan# 1993
Delta R.T. -0.023 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

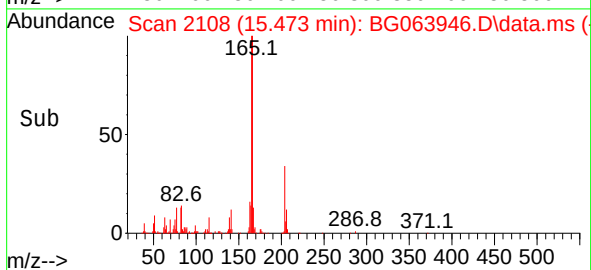
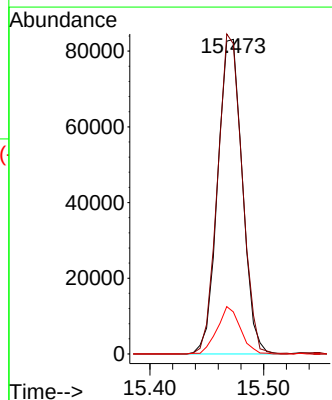
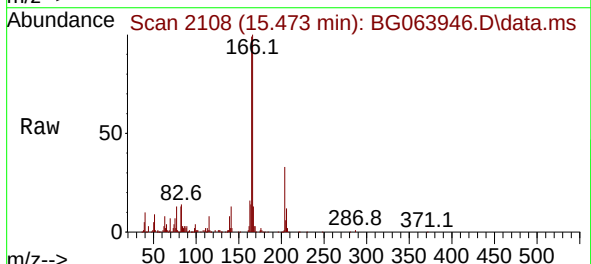
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

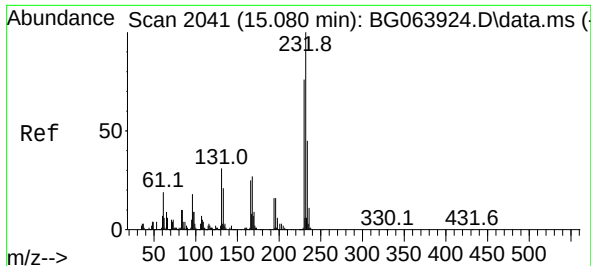
Tgt Ion:	165	Resp:	29433
Ion Ratio	Lower	Upper	
165	100		
63	54.5	41.6	62.4
89	94.6	71.0	106.6
182	2.5	2.0	3.0



#58
Fluorene
Concen: 4.437 ng
RT: 15.473 min Scan# 2108
Delta R.T. -0.018 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:	166	Resp:	124921
Ion Ratio	Lower	Upper	
166	100		
165	98.7	81.2	121.8
167	13.4	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.157 ng

RT: 14.980 min Scan# 2041

Delta R.T. -0.100 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:232 Resp: 23726

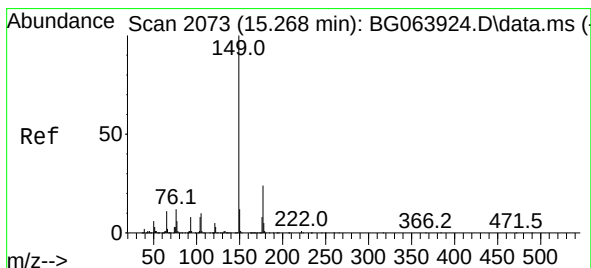
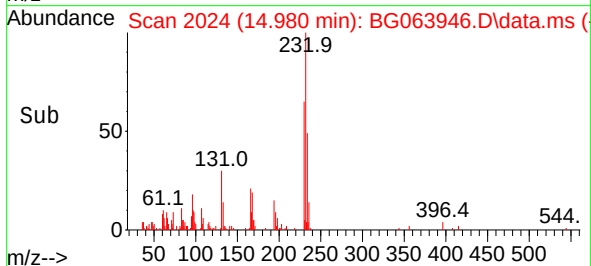
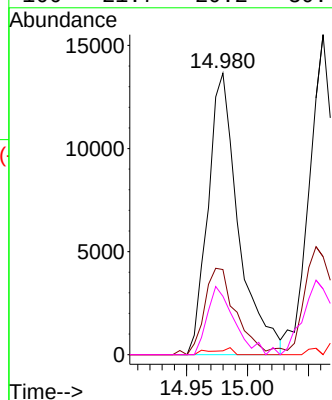
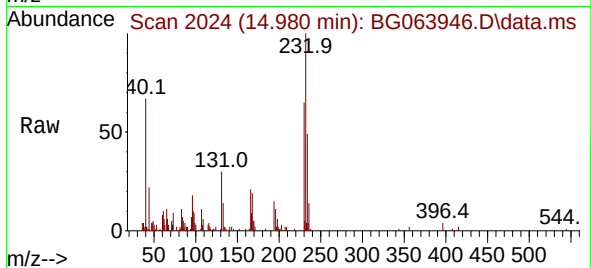
Ion Ratio Lower Upper

232 100

131 31.7 25.8 38.6

130 1.6 1.5 2.3

166 21.7 20.2 30.4



#60

Diethylphthalate

Concen: 4.054 ng

RT: 15.238 min Scan# 2068

Delta R.T. -0.029 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

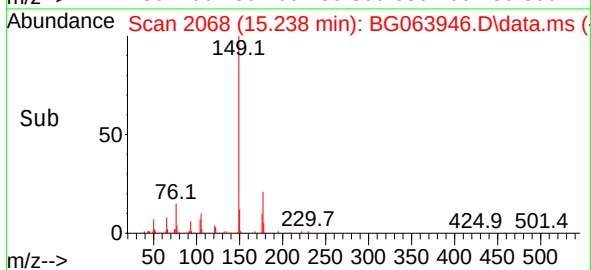
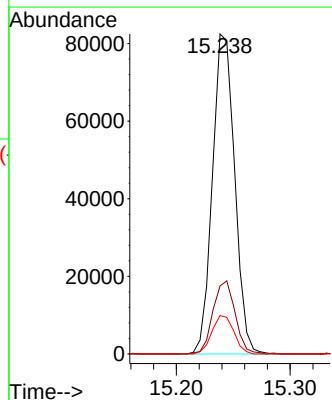
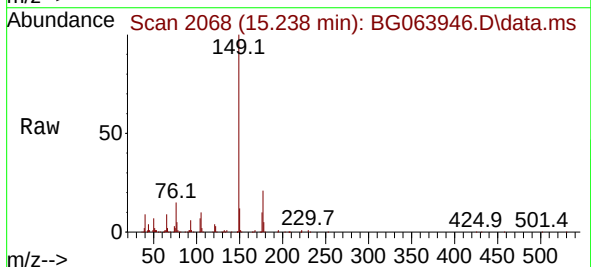
Tgt Ion:149 Resp: 112082

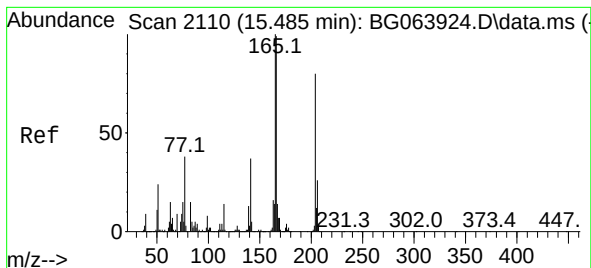
Ion Ratio Lower Upper

149 100

177 21.2 19.1 28.7

150 12.0 9.8 14.8

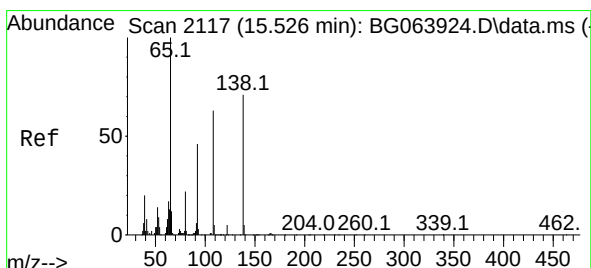
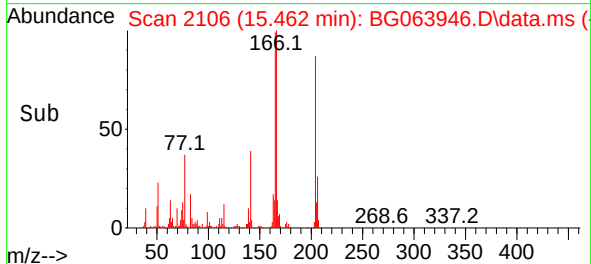
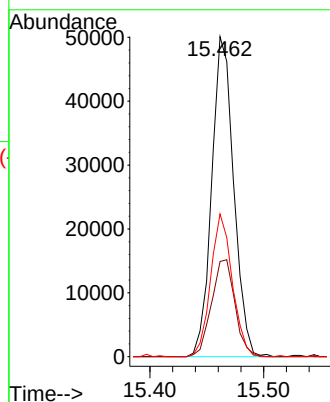
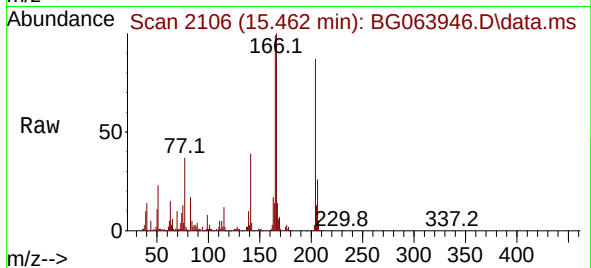




#61
4-Chlorophenyl-phenylether
Concen: 4.415 ng
RT: 15.462 min Scan# 2110
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

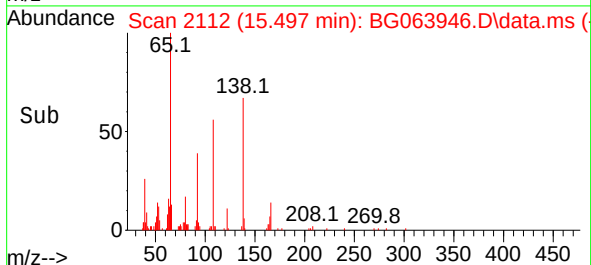
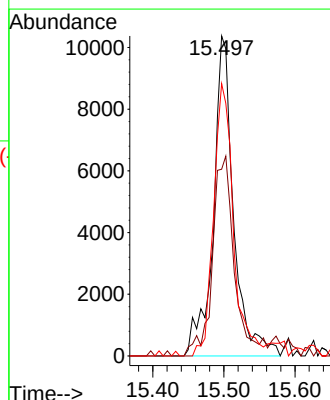
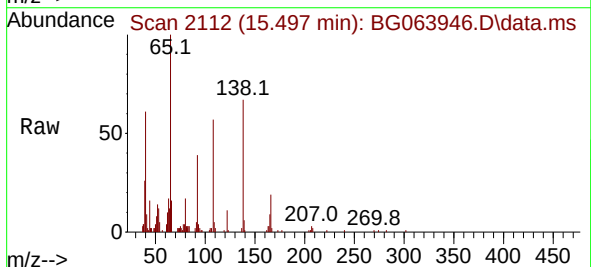
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

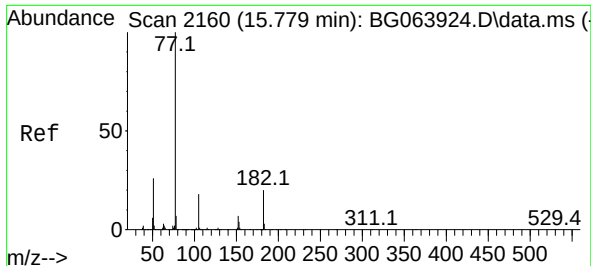
Tgt Ion:204 Resp: 67392
Ion Ratio Lower Upper
204 100
206 29.7 26.3 39.5
141 44.6 36.6 55.0



#62
4-Nitroaniline
Concen: 3.457 ng
RT: 15.497 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:138 Resp: 20599
Ion Ratio Lower Upper
138 100
92 58.4 43.9 83.9
108 85.1 68.3 108.3

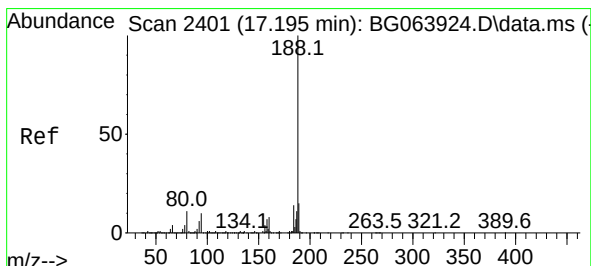
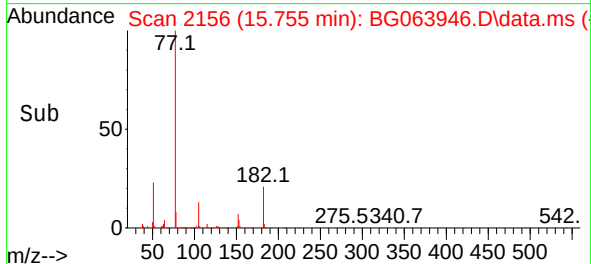
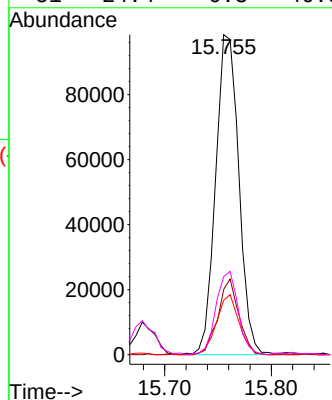
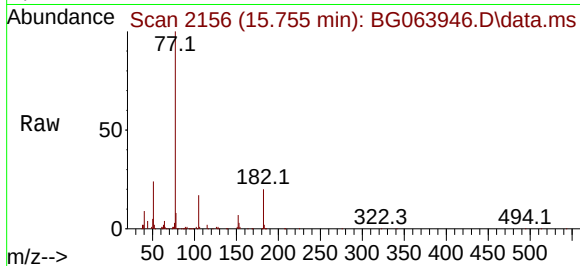




#63
Azobenzene
Concen: 4.251 ng
RT: 15.755 min Scan# 2160
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

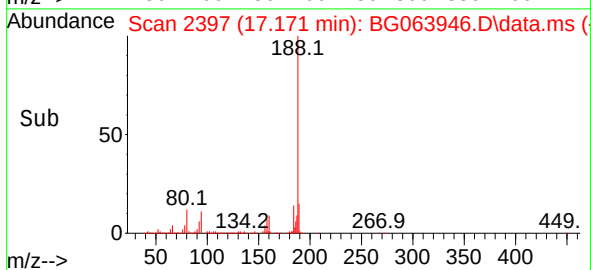
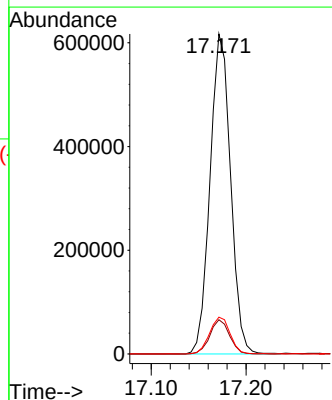
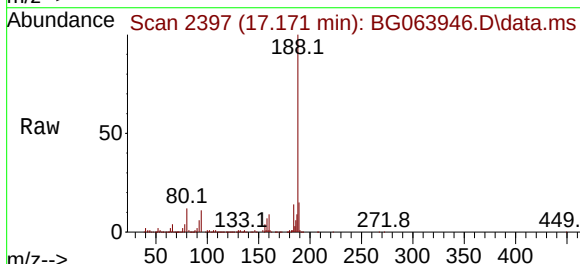
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

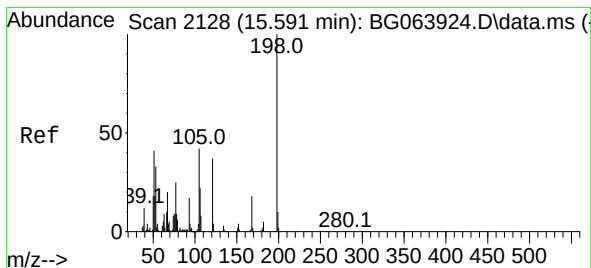
Tgt Ion: 77	Resp: 148679
Ion Ratio	Lower Upper
77 100	
182 20.4	0.2 40.2
105 17.0	0.0 37.9
51 24.4	6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.171 min Scan# 2397
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:188	Resp: 926129
Ion Ratio	Lower Upper
188 100	
94 10.7	8.4 12.6
80 11.5	9.1 13.7

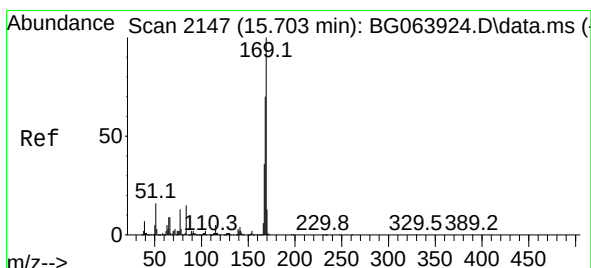
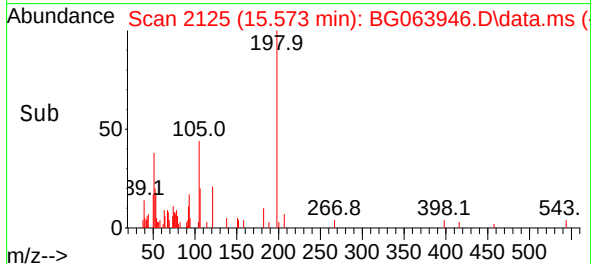
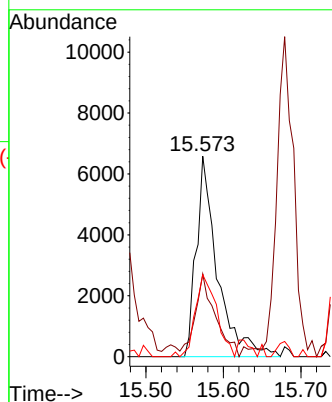
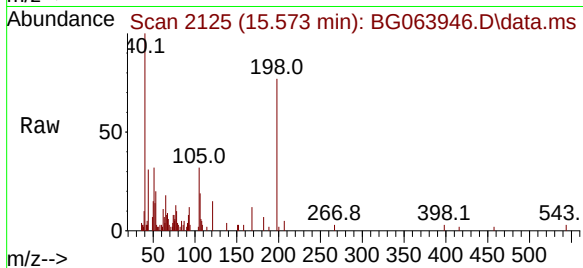




#65
4,6-Dinitro-2-methylphenol
Concen: 2.575 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

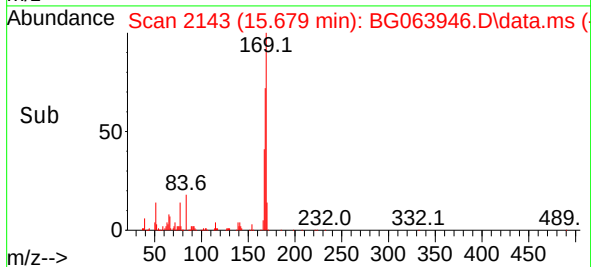
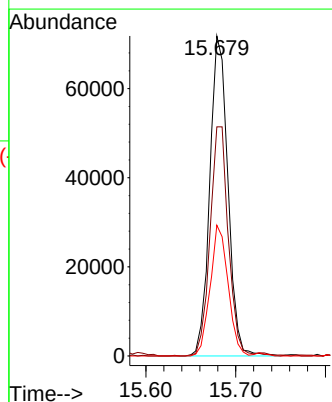
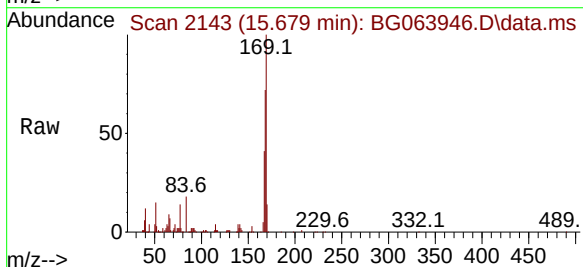
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

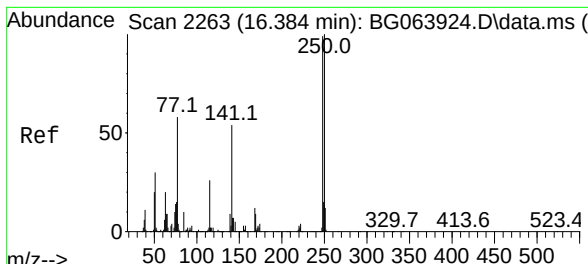
Tgt Ion:198 Resp: 12434
Ion Ratio Lower Upper
198 100
51 41.3 22.5 62.5
105 40.9 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 4.166 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:169 Resp: 100478
Ion Ratio Lower Upper
169 100
168 71.6 56.2 84.2
167 40.9 29.2 43.8

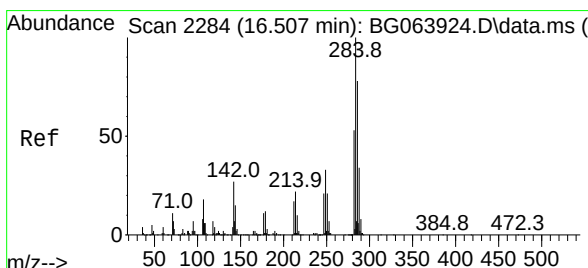
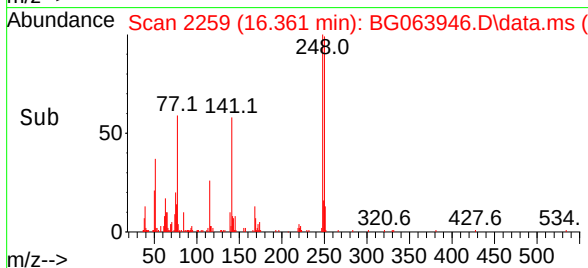
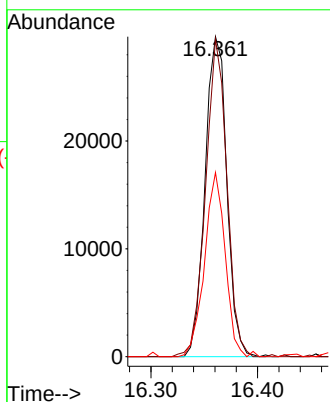
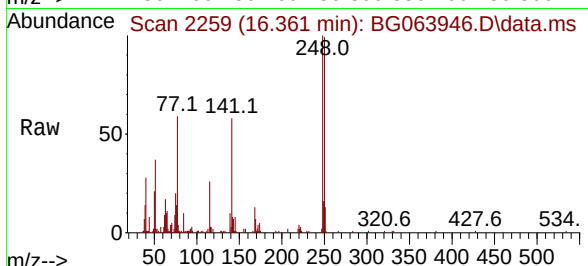




#67
4-Bromophenyl-phenylether
Concen: 4.105 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

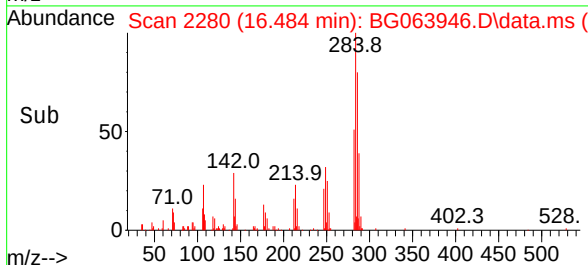
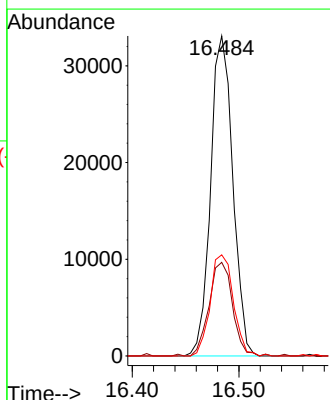
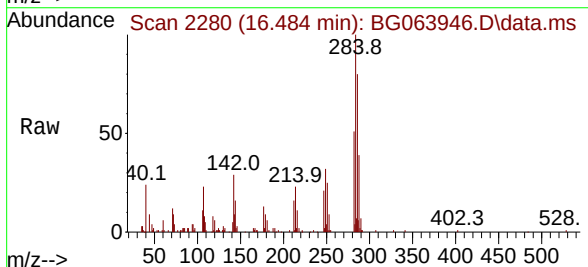
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

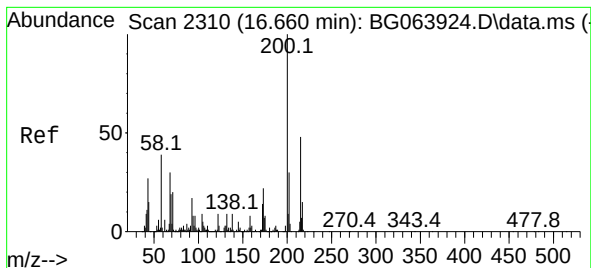
Tgt Ion:248 Resp: 42028
Ion Ratio Lower Upper
248 100
250 99.2 80.7 121.1
141 57.6 43.3 64.9



#68
Hexachlorobenzene
Concen: 4.096 ng
RT: 16.484 min Scan# 2280
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:284 Resp: 47880
Ion Ratio Lower Upper
284 100
142 29.3 22.0 33.0
249 31.6 26.2 39.2





#69

Atrazine

Concen: 4.991 ng

RT: 16.637 min Scan# 2306

Delta R.T. -0.023 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

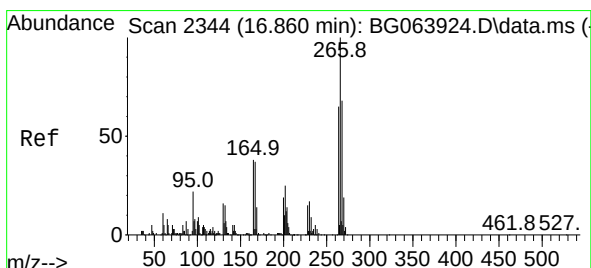
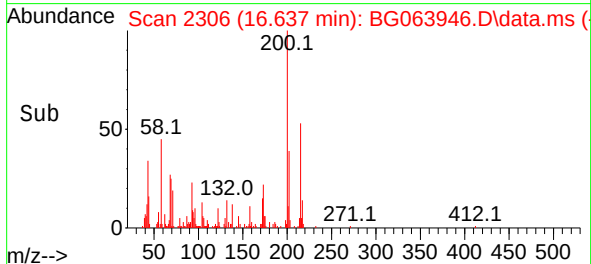
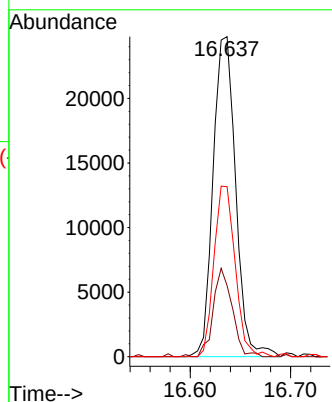
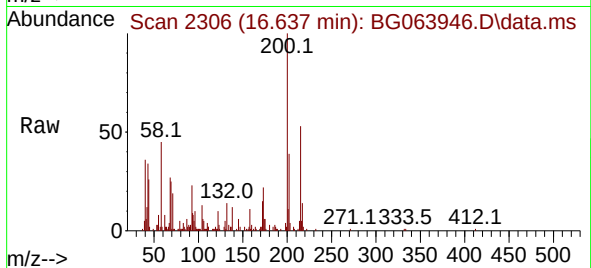
Tgt Ion:200 Resp: 38590

Ion Ratio Lower Upper

200 100

173 22.2 2.4 42.4

215 53.2 27.6 67.6



#70

Pentachlorophenol

Concen: 1.665 ng

RT: 16.842 min Scan# 2341

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

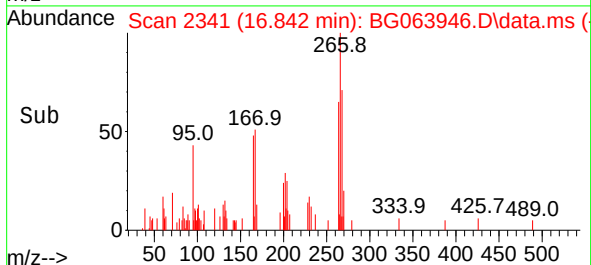
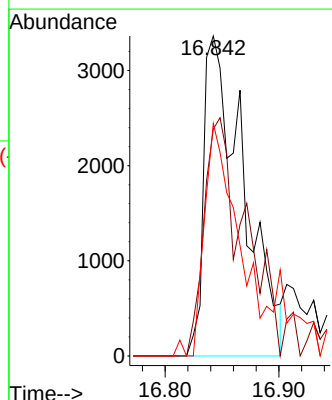
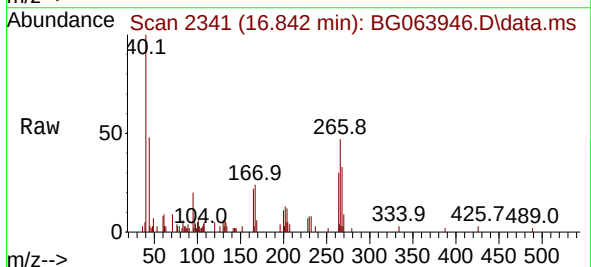
Tgt Ion:266 Resp: 8072

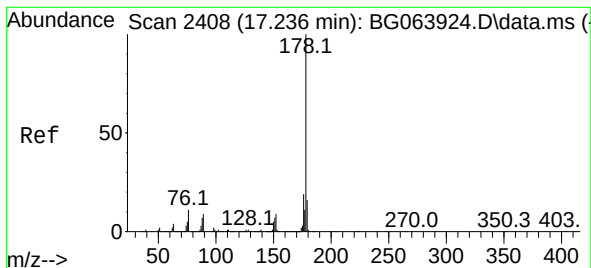
Ion Ratio Lower Upper

266 100

268 70.9 54.5 81.7

264 72.7 52.2 78.4





#71

Phenanthrene

Concen: 4.604 ng

RT: 17.218 min Scan# 2405

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

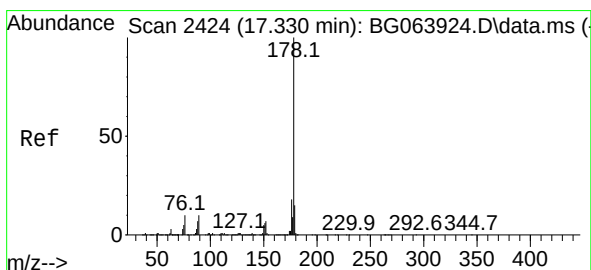
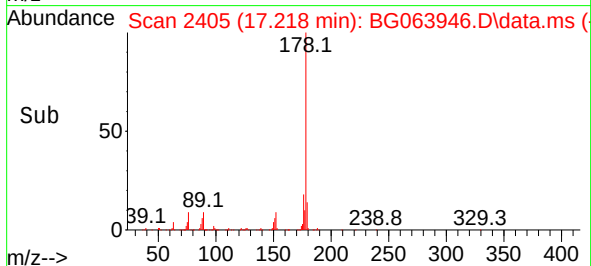
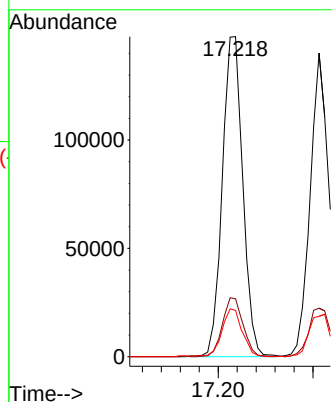
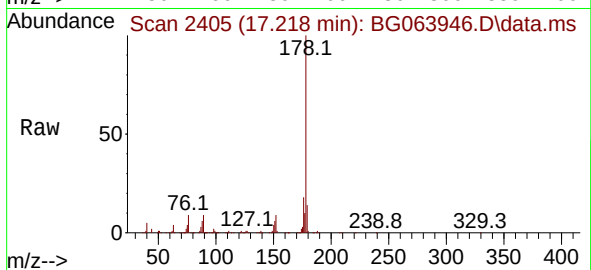
Tgt Ion:178 Resp: 221787

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

179 14.5 12.5 18.7



#72

Anthracene

Concen: 4.187 ng

RT: 17.306 min Scan# 2420

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

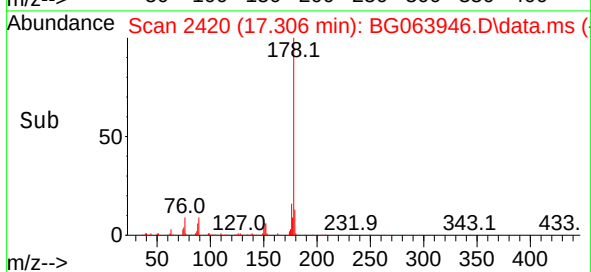
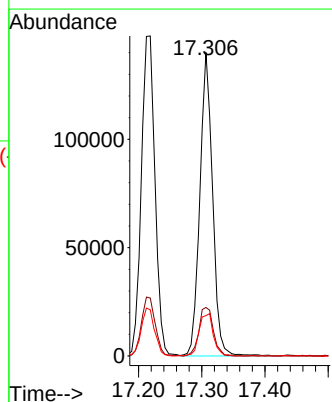
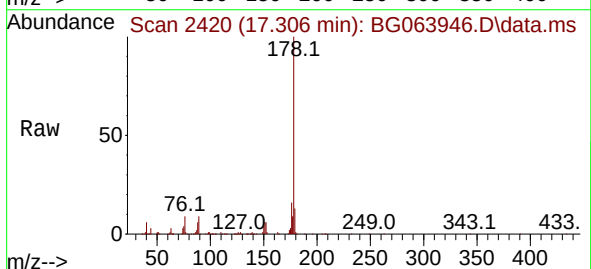
Tgt Ion:178 Resp: 196329

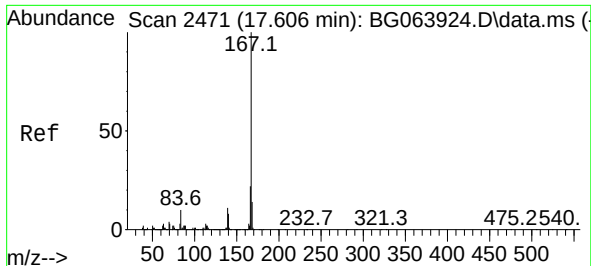
Ion Ratio Lower Upper

178 100

176 16.0 14.5 21.7

179 13.3 12.1 18.1

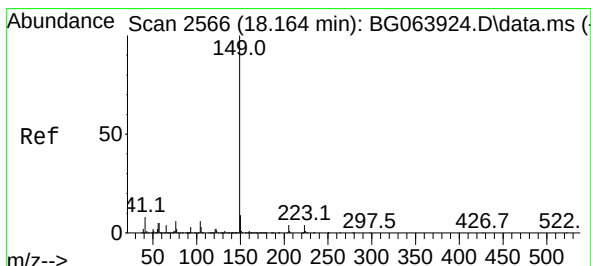
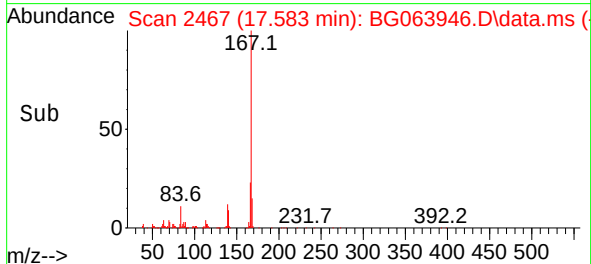
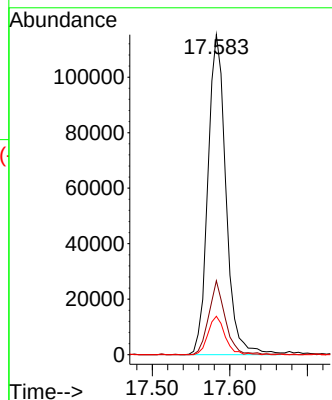
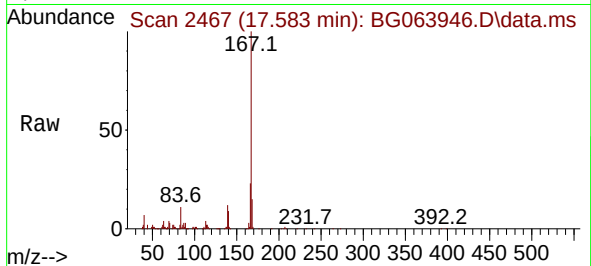




#73
 Carbazole
 Concen: 4.302 ng
 RT: 17.583 min Scan# 2471
 Delta R.T. -0.024 min
 Lab File: BG063946.D
 Acq: 10 Jan 2025 11:29

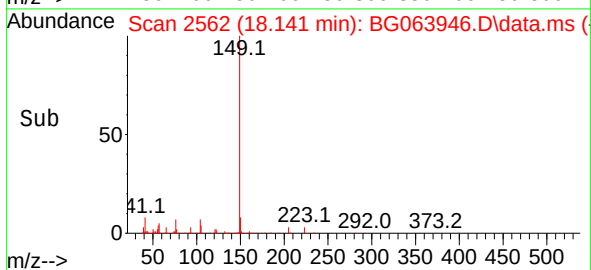
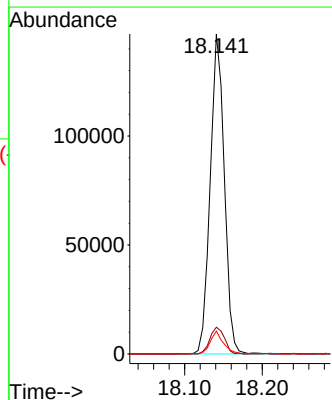
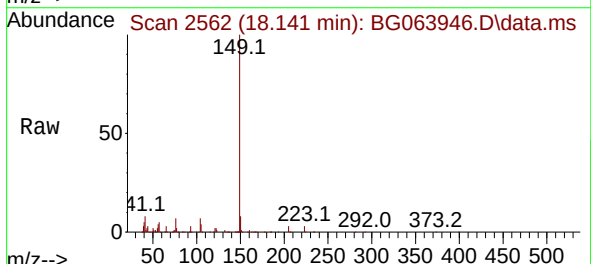
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

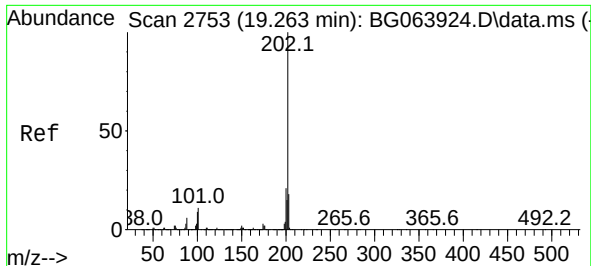
Tgt Ion:167 Resp: 186313
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.4 26.0
 139 12.0 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 3.843 ng
 RT: 18.141 min Scan# 2562
 Delta R.T. -0.024 min
 Lab File: BG063946.D
 Acq: 10 Jan 2025 11:29

Tgt Ion:149 Resp: 185424
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.0
 104 7.1 4.9 7.3

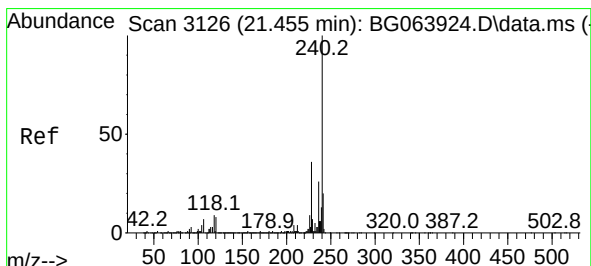
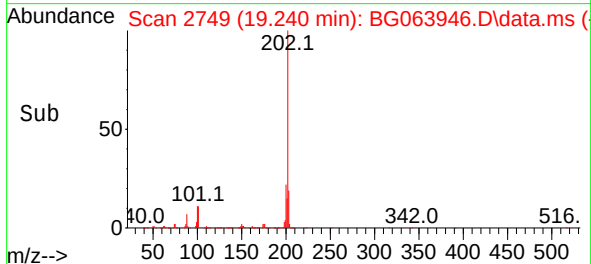
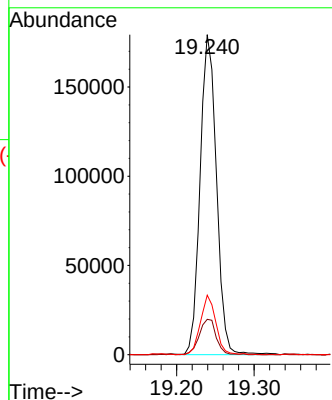
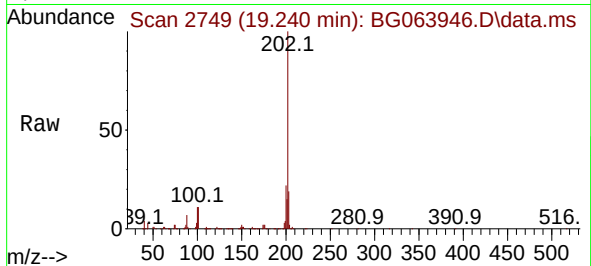




#75
Fluoranthene
Concen: 4.323 ng
RT: 19.240 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

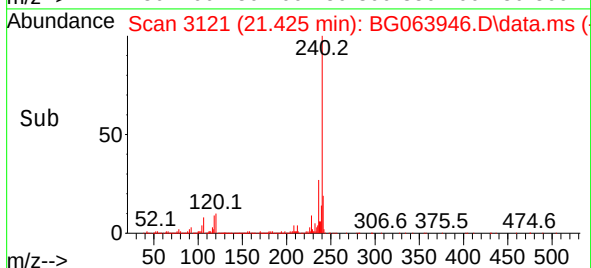
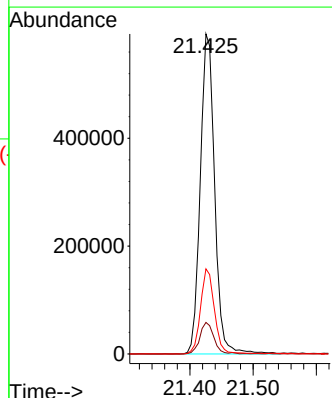
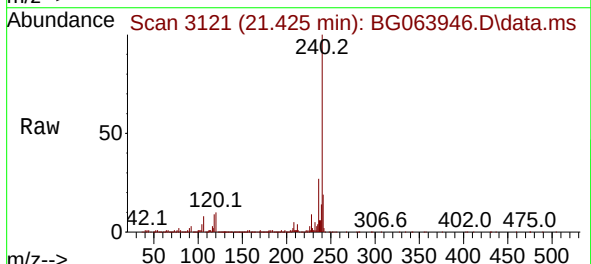
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

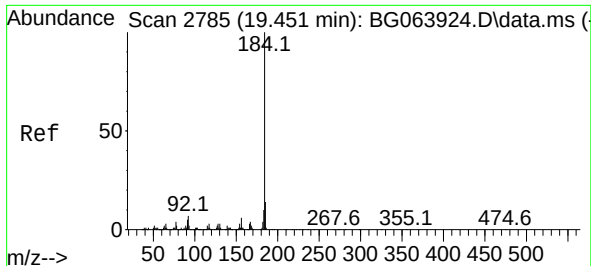
Tgt Ion:202 Resp: 262810
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.1
203 18.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:240 Resp: 937272
Ion Ratio Lower Upper
240 100
120 9.9 6.7 10.1
236 26.6 21.2 31.8

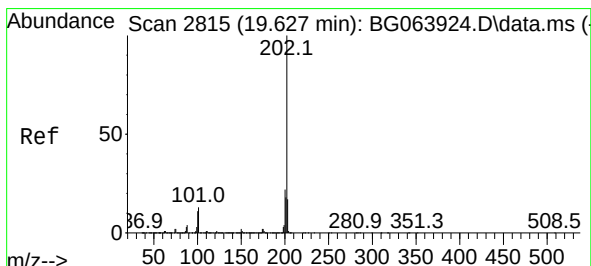
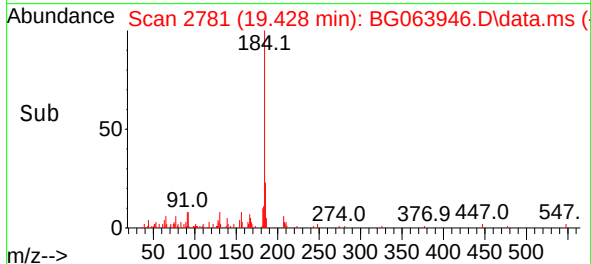
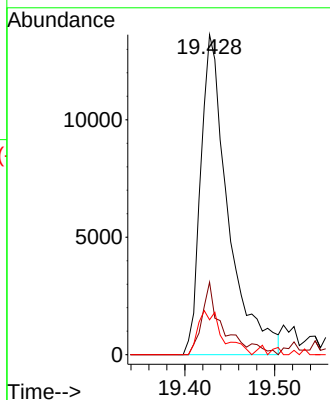
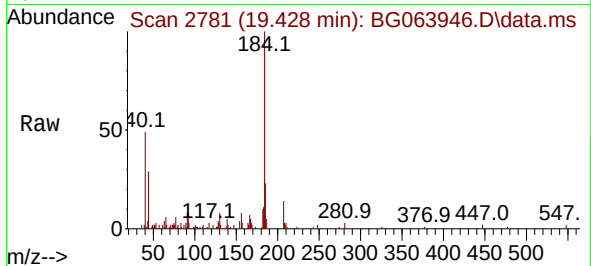




#77
Benzidine
Concen: 2.198 ng
RT: 19.428 min Scan# 21
Delta R.T. -0.023 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

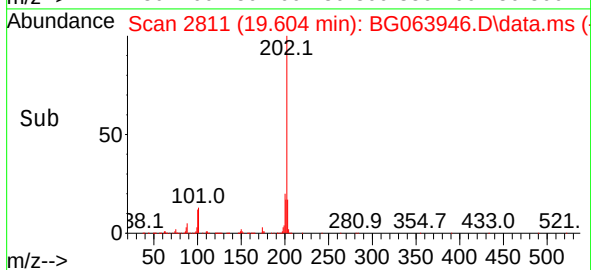
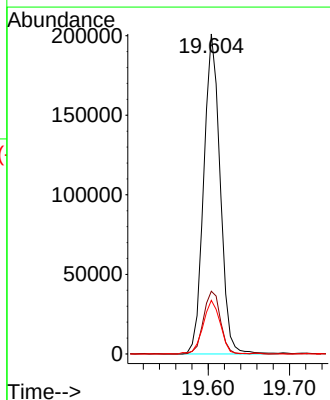
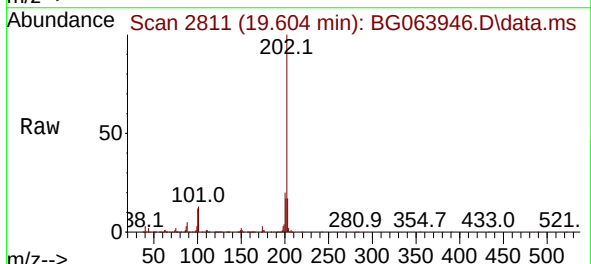
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

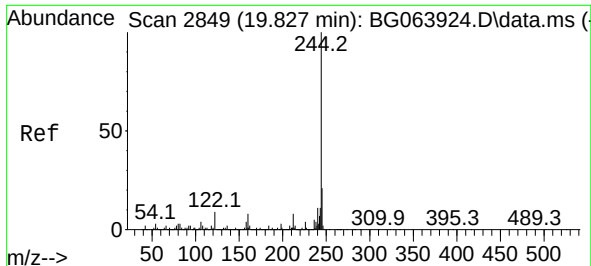
Tgt Ion:184 Resp: 28830
Ion Ratio Lower Upper
184 100
185 22.6 11.4 17.2#
183 10.9 8.4 12.6



#78
Pyrene
Concen: 4.377 ng
RT: 19.604 min Scan# 2811
Delta R.T. -0.024 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:202 Resp: 281392
Ion Ratio Lower Upper
202 100
200 19.6 17.3 25.9
203 16.8 13.9 20.9

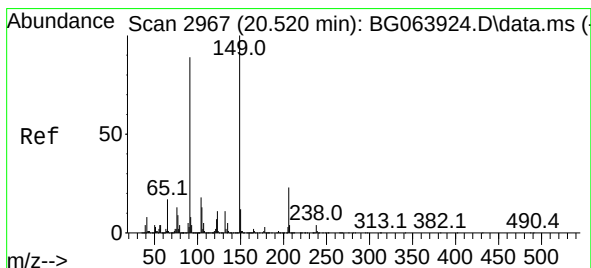
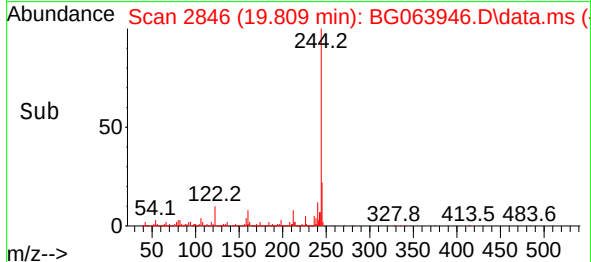
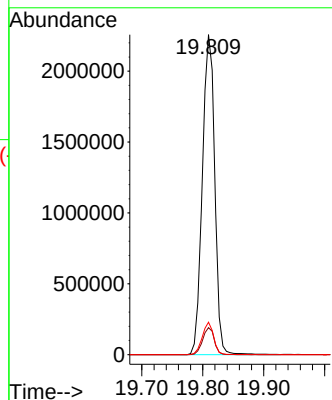
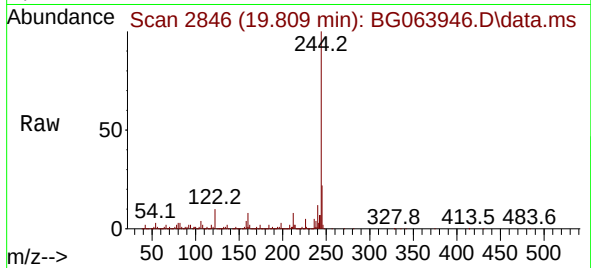




#79
 Terphenyl-d14
 Concen: 67.410 ng
 RT: 19.809 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG063946.D
 Acq: 10 Jan 2025 11:29

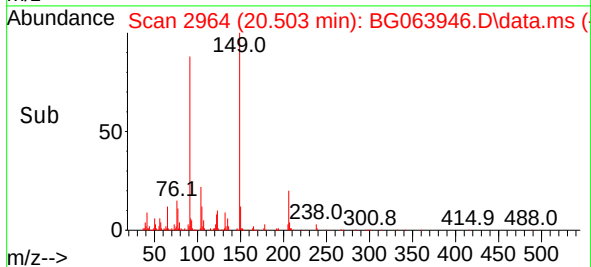
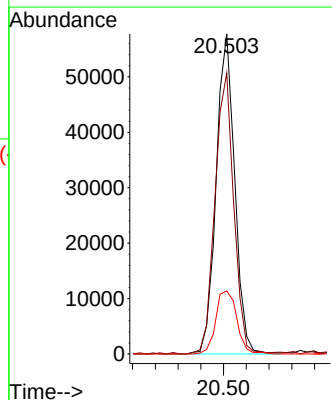
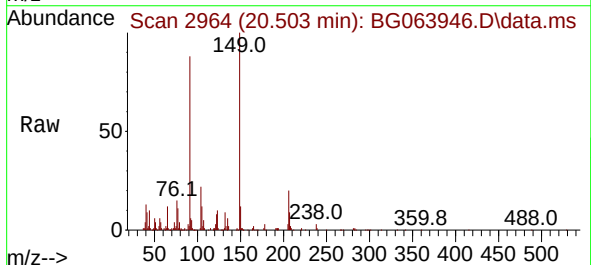
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

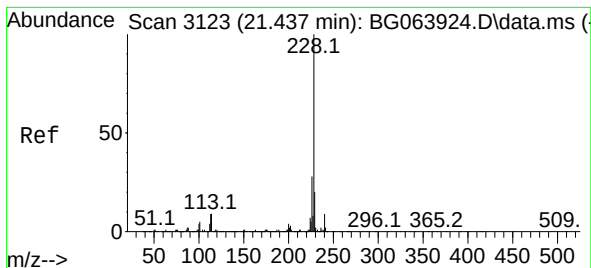
Tgt Ion:244 Resp: 3182102
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 10.2 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 3.302 ng
 RT: 20.503 min Scan# 2964
 Delta R.T. -0.018 min
 Lab File: BG063946.D
 Acq: 10 Jan 2025 11:29

Tgt Ion:149 Resp: 65489
 Ion Ratio Lower Upper
 149 100
 91 87.8 71.4 107.0
 206 19.7 18.7 28.1





#81

Benzo(a)anthracene

Concen: 4.420 ng

RT: 21.413 min Scan# 3119

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

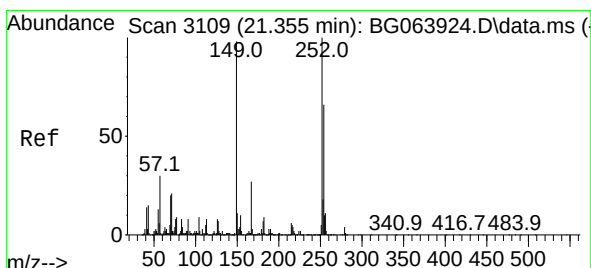
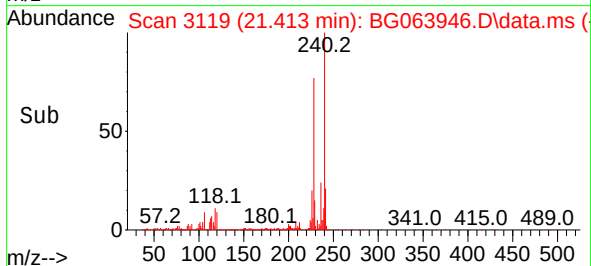
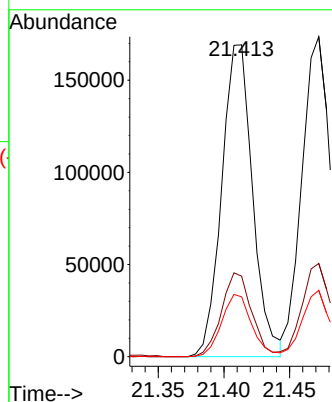
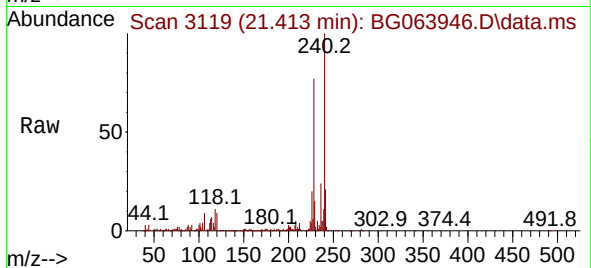
Tgt Ion:228 Resp: 277132

Ion Ratio Lower Upper

228 100

226 25.8 22.2 33.2

229 19.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 3.483 ng

RT: 21.331 min Scan# 3105

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

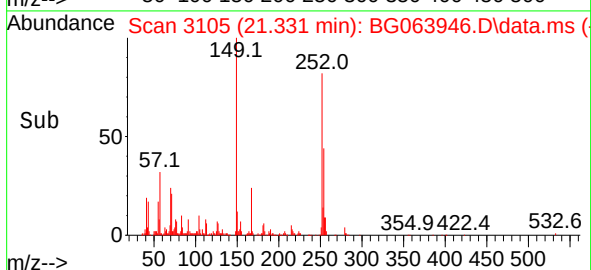
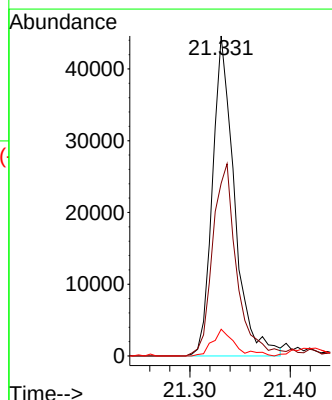
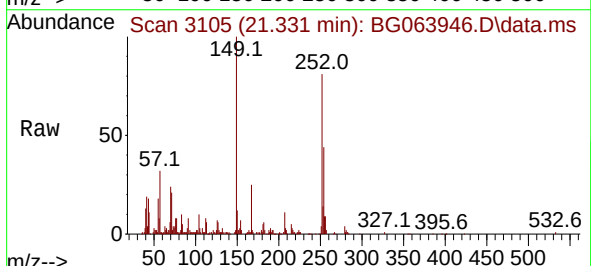
Tgt Ion:252 Resp: 67845

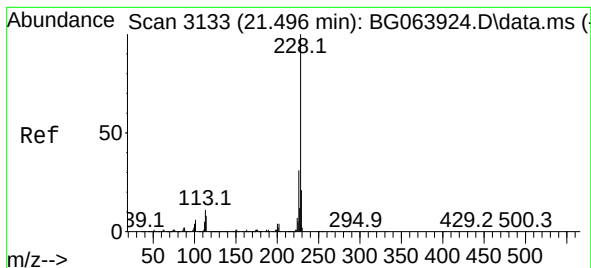
Ion Ratio Lower Upper

252 100

254 54.0 52.6 78.8

126 8.4 6.2 9.2





#83

Chrysene

Concen: 4.476 ng

RT: 21.472 min Scan# 3129

Delta R.T. -0.024 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

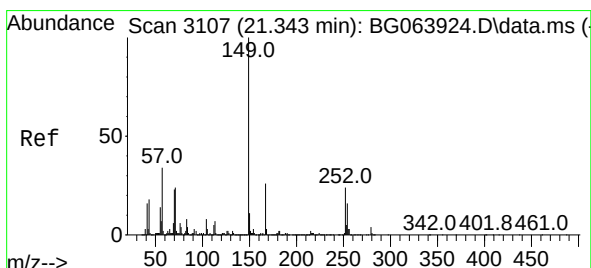
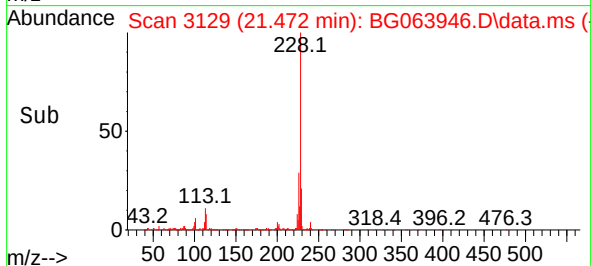
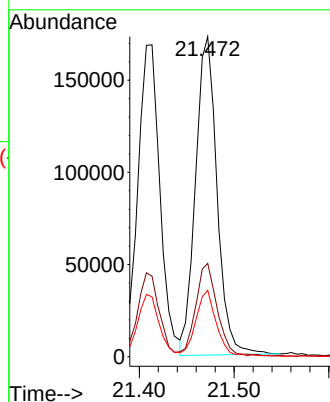
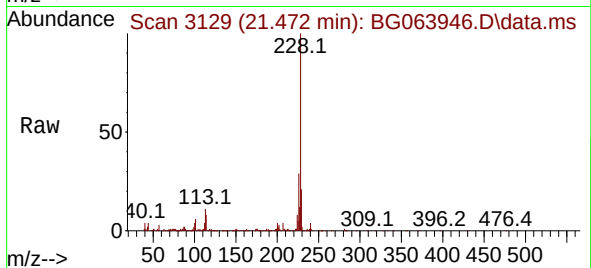
Tgt Ion:228 Resp: 272493

Ion Ratio Lower Upper

228 100

226 29.1 24.6 37.0

229 20.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.482 ng

RT: 21.325 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

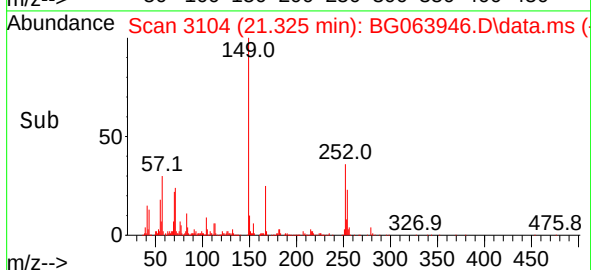
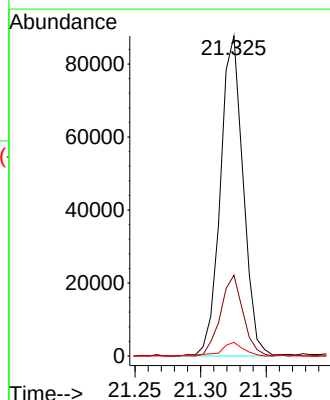
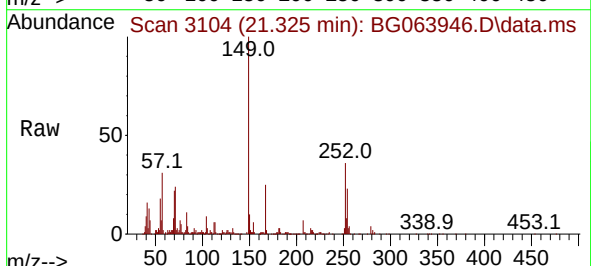
Tgt Ion:149 Resp: 105610

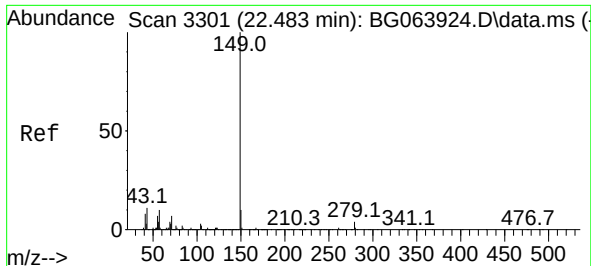
Ion Ratio Lower Upper

149 100

167 25.2 20.6 31.0

279 4.3 2.9 4.3

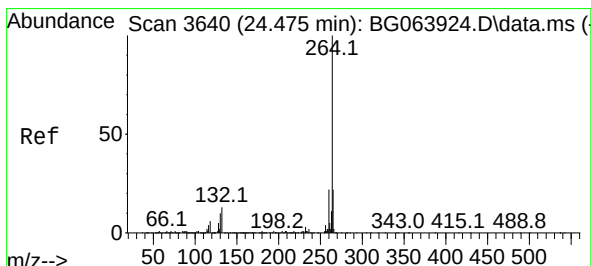
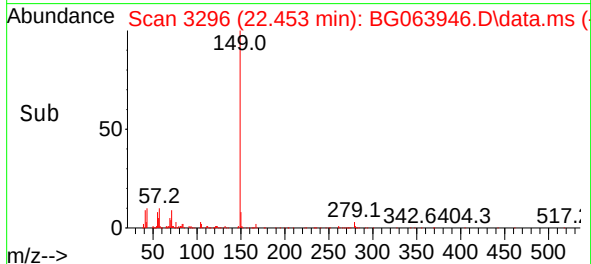
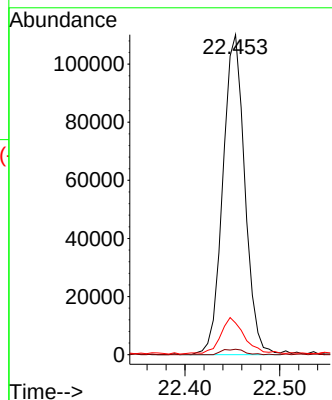
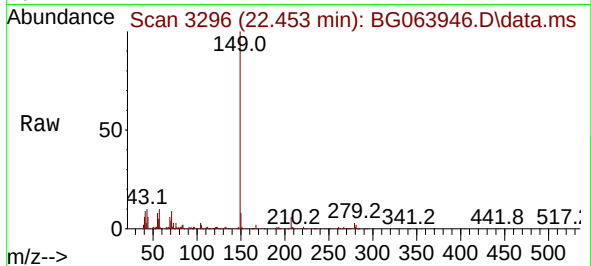




#85
Di-n-octyl phthalate
Concen: 3.354 ng
RT: 22.453 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

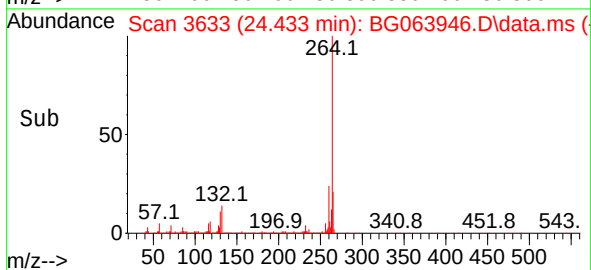
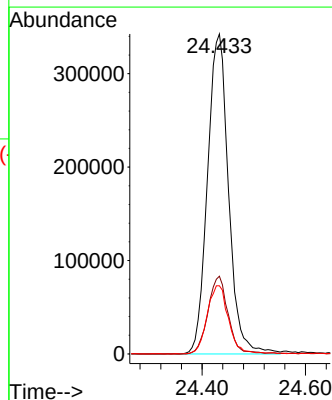
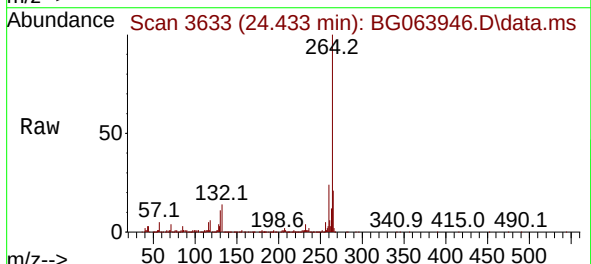
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

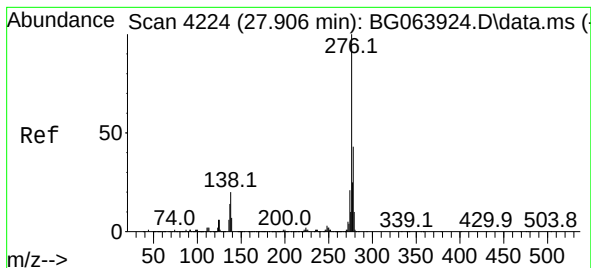
Tgt Ion:149 Resp: 177231
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 12.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.433 min Scan# 3633
Delta R.T. -0.041 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:264 Resp: 968219
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 21.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.028 ng

RT: 27.824 min Scan# 41

Delta R.T. -0.082 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

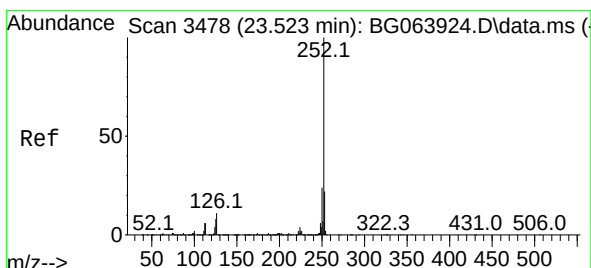
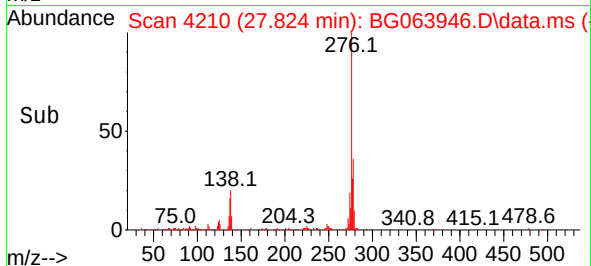
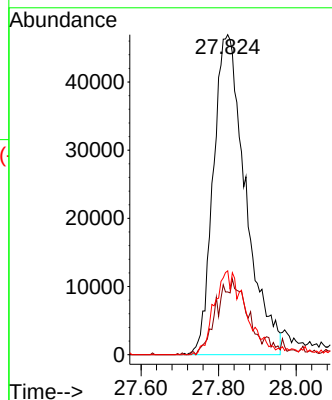
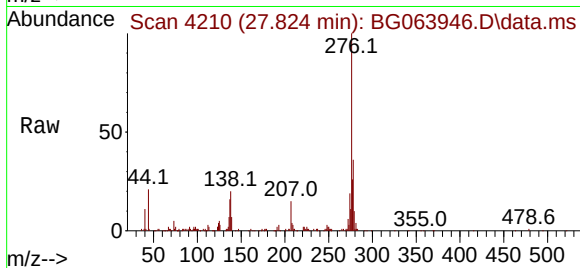
Tgt Ion:276 Resp: 270856

Ion Ratio Lower Upper

276 100

138 10.6 17.4 26.2#

277 12.8 19.6 29.4#



#88

Benzo(b)fluoranthene

Concen: 4.164 ng

RT: 23.482 min Scan# 3471

Delta R.T. -0.041 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

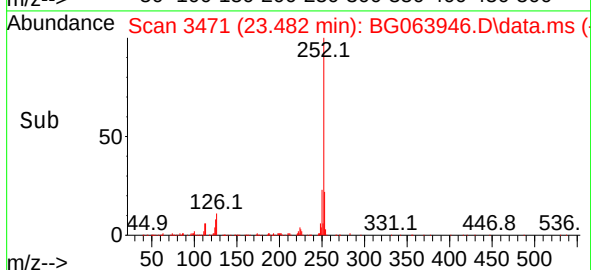
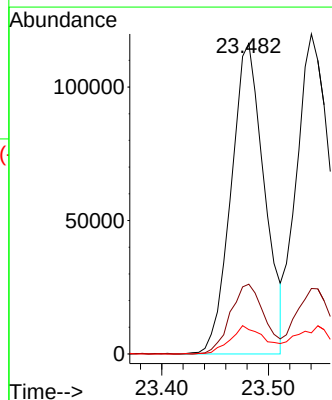
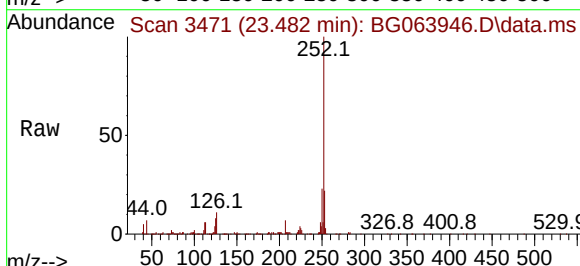
Tgt Ion:252 Resp: 252024

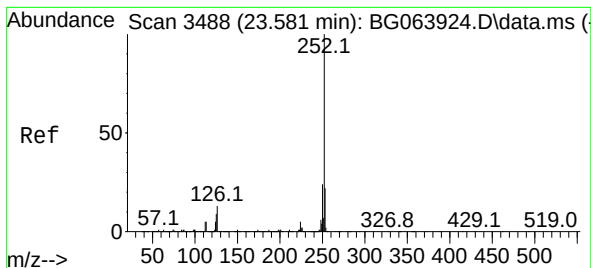
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 7.8 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 4.150 ng

RT: 23.482 min Scan# 34

Delta R.T. -0.100 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

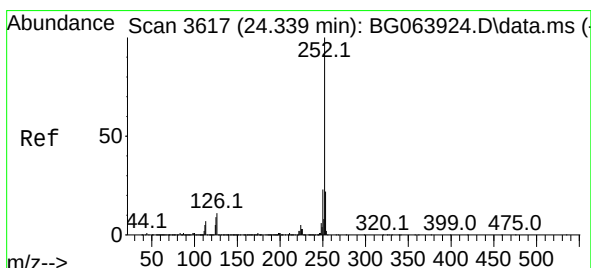
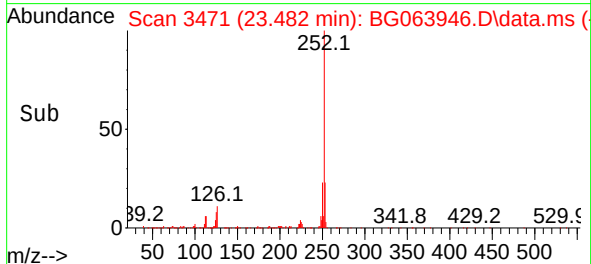
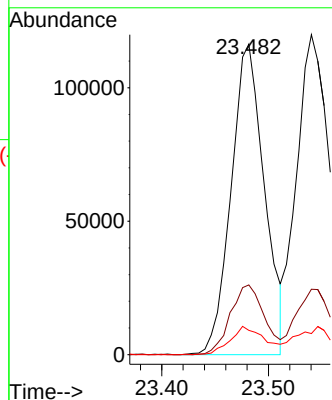
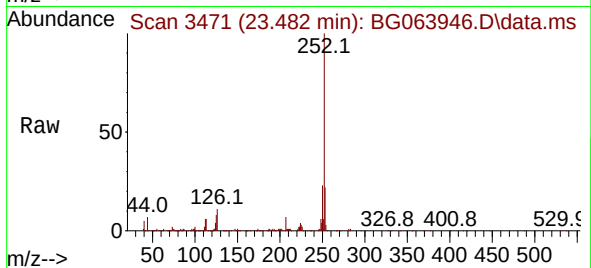
Tgt Ion:252 Resp: 252024

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 7.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 4.505 ng

RT: 24.287 min Scan# 3608

Delta R.T. -0.053 min

Lab File: BG063946.D

Acq: 10 Jan 2025 11:29

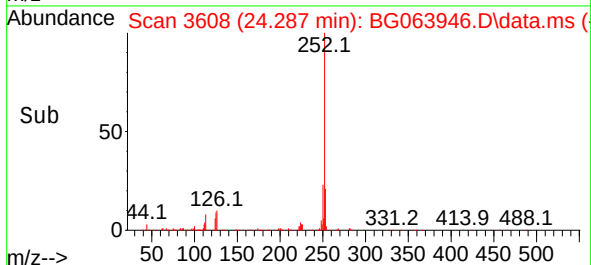
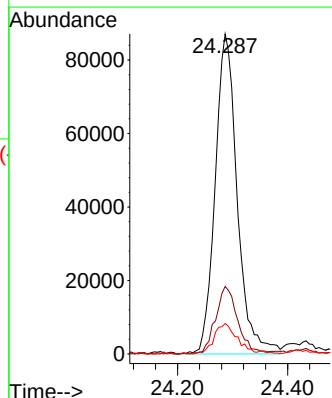
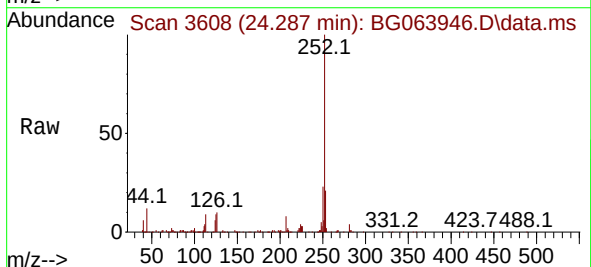
Tgt Ion:252 Resp: 242208

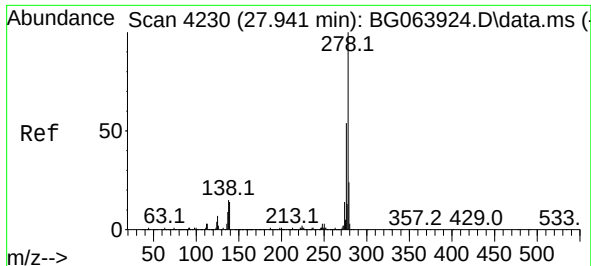
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 9.5 7.0 10.4

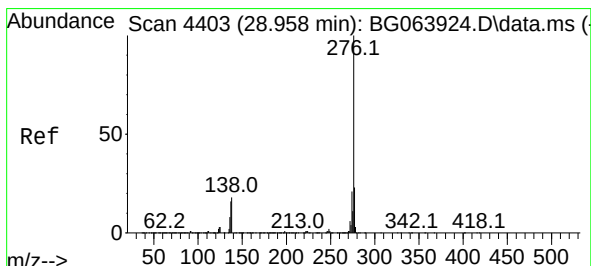
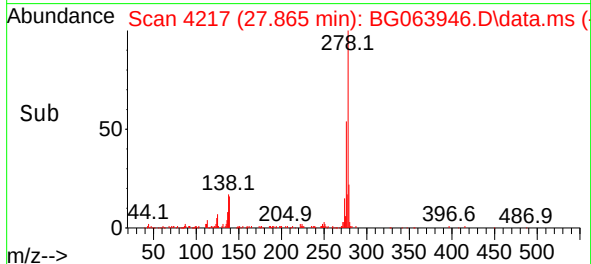
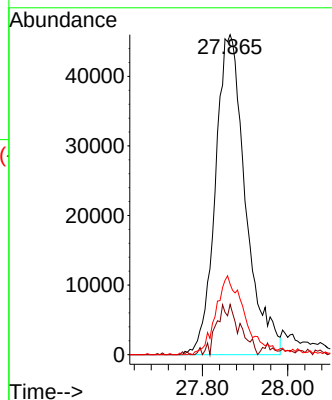
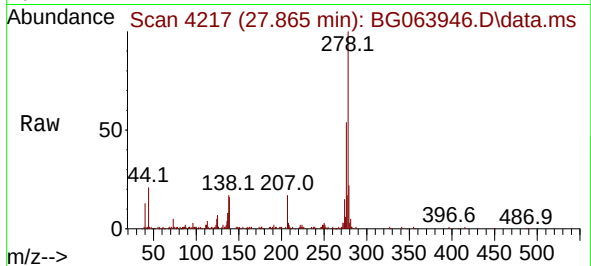




#91
Dibenzo(a,h)anthracene
Concen: 4.061 ng
RT: 27.865 min Scan# 41
Delta R.T. -0.076 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

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

Tgt Ion:278 Resp: 225960
Ion Ratio Lower Upper
278 100
139 15.7 11.1 16.7
279 22.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 3.731 ng
RT: 28.875 min Scan# 4389
Delta R.T. -0.082 min
Lab File: BG063946.D
Acq: 10 Jan 2025 11:29

Tgt Ion:276 Resp: 213573
Ion Ratio Lower Upper
276 100
277 21.6 18.7 28.1
138 17.1 14.4 21.6

