

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
 Data File : BG063948.D
 Acq On : 10 Jan 2025 12:48
 Operator : RC/JU
 Sample : P1187-08
 Misc : LOQ-WATER-5PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 10 13:27:46 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	7.768	152	133717	20.000	ng	-0.03
21) Naphthalene-d8	10.558	136	535413	20.000	ng	-0.02
39) Acenaphthene-d10	14.419	164	369106	20.000	ng	-0.02
64) Phenanthrene-d10	17.174	188	865565	20.000	ng	-0.02
76) Chrysene-d12	21.428	240	852123	20.000	ng	-0.03
86) Perylene-d12	24.436	264	909776	20.000	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.359	112	884502	105.391	ng	-0.03
7) Phenol-d6	6.957	99	1264923	104.183	ng	-0.03
23) Nitrobenzene-d5	8.925	82	957651	70.456	ng	-0.03
42) 2,4,6-Tribromophenol	15.917	330	421274	94.649	ng	-0.02
45) 2-Fluorobiphenyl	13.032	172	1860668	73.030	ng	-0.02
79) Terphenyl-d14	19.812	244	3009555	70.126	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.249	88	28386	6.434	ng 94
3) Pyridine	3.655	79	59506	5.006	ng 94
4) n-Nitrosodimethylamine	3.572	42	27100	5.965	ng # 87
6) Aniline	7.098	93	80704	7.652	ng 96
8) 2-Chlorophenol	7.339	128	51259	6.282	ng 96
9) Benzaldehyde	6.910	77	62047	8.003	ng 94
10) Phenol	6.980	94	79787	6.312	ng 93
11) bis(2-Chloroethyl)ether	7.192	93	63462	6.403	ng 96
12) 1,3-Dichlorobenzene	7.656	146	58643	5.963	ng 93
13) 1,4-Dichlorobenzene	7.803	146	59400	6.043	ng 99
14) 1,2-Dichlorobenzene	8.114	146	62256	6.435	ng 98
15) Benzyl Alcohol	8.008	79	48882	5.611	ng 96
16) 2,2'-oxybis(1-Chloropr...	8.285	45	90885	6.370	ng 97
17) 2-Methylphenol	8.220	107	47124	5.743	ng 93
18) Hexachloroethane	8.837	117	22678	5.948	ng 84
19) n-Nitroso-di-n-propyla...	8.567	70	50229	5.665	ng 98
20) 3+4-Methylphenols	8.555	107	59693	5.408	ng 92
22) Acetophenone	8.584	105	97514	6.065	ng # 99
24) Nitrobenzene	8.966	77	83394	5.714	ng 91
25) Isophorone	9.483	82	136709	5.707	ng 97
26) 2-Nitrophenol	9.677	139	23355	5.043	ng # 91
27) 2,4-Dimethylphenol	9.742	122	24412	4.134	ng # 77
28) bis(2-Chloroethoxy)met...	9.971	93	79950	5.597	ng # 98
29) 2,4-Dichlorophenol	10.229	162	48337	5.478	ng 96
30) 1,2,4-Trichlorobenzene	10.423	180	61141	5.729	ng # 92
31) Naphthalene	10.605	128	172355	5.938	ng 98
32) Benzoic acid	9.947	122	1064	0.269	ng # 57
33) 4-Chloroaniline	10.729	127	59237	6.286	ng # 93
34) Hexachlorobutadiene	10.893	225	38449	5.256	ng 96
35) Caprolactam	11.475	113	14907	5.116	ng 98
36) 4-Chloro-3-methylphenol	11.869	107	52741	5.385	ng 97
37) 2-Methylnaphthalene	12.227	142	119433	5.856	ng 94
38) 1-Methylnaphthalene	12.444	142	114394	5.640	ng 99
40) 1,2,4,5-Tetrachloroben...	12.603	216	73580	5.942	ng 100
41) Hexachlorocyclopentadiene	12.580	237	452	11.622	ng 73
43) 2,4,6-Trichlorophenol	12.856	196	38166	5.232	ng 94

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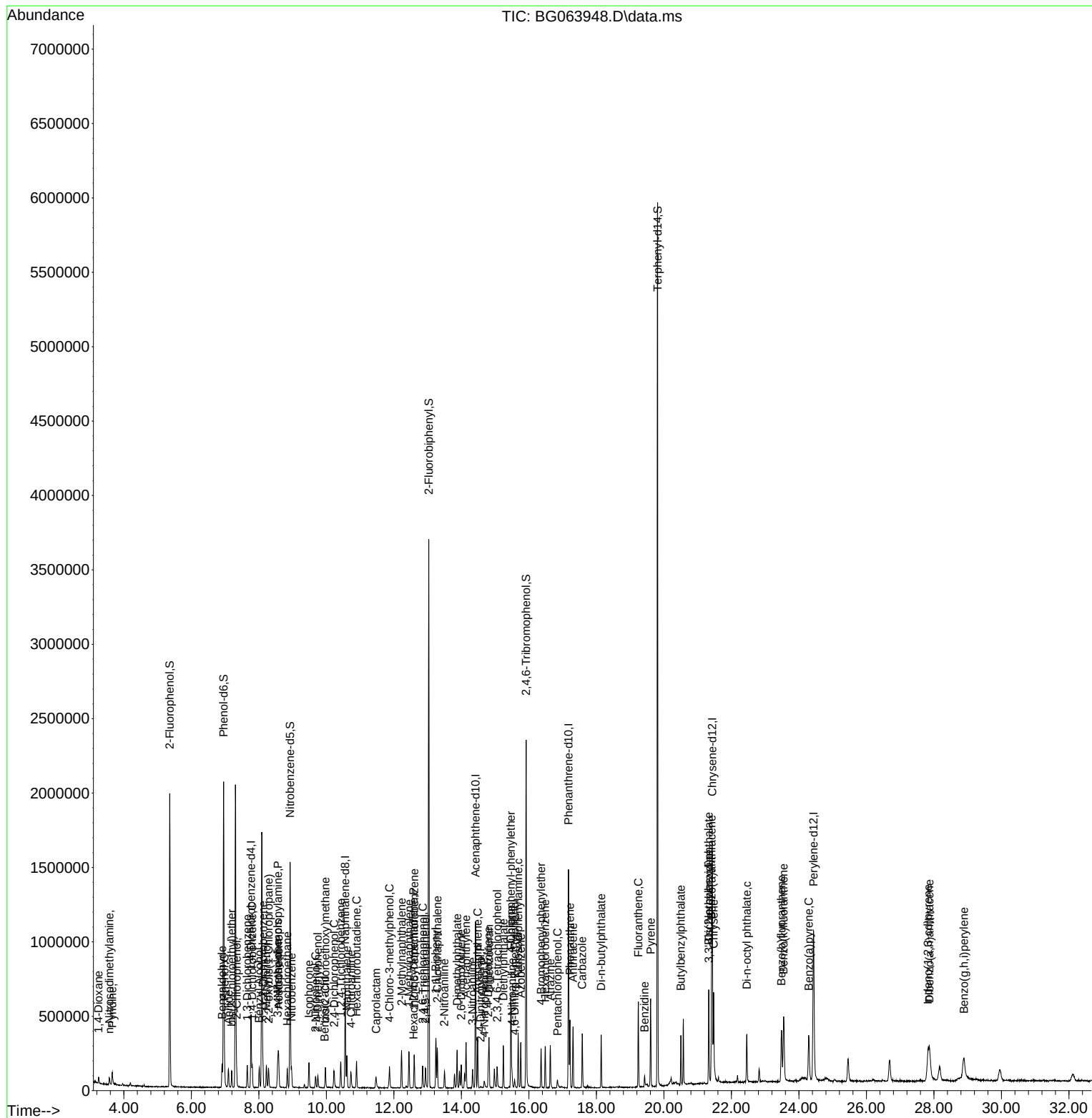
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.932	196	41767	5.102	ng	93
46) 1,1'-Biphenyl	13.243	154	175928	6.530	ng	98
47) 2-Chloronaphthalene	13.285	162	129918	5.866	ng	98
48) 2-Nitroaniline	13.496	65	36083	4.869	ng	97
49) Acenaphthylene	14.137	152	211926	6.458	ng	97
50) Dimethylphthalate	13.872	163	158924	5.895	ng	99
51) 2,6-Dinitrotoluene	13.996	165	30440	5.069	ng	94
52) Acenaphthene	14.483	154	119839	5.973	ng	99
53) 3-Nitroaniline	14.330	138	28226	5.123	ng #	78
54) 2,4-Dinitrophenol	14.565	184	2448	8.671	ng #	69
55) Dibenzofuran	14.818	168	212002	6.087	ng	98
56) 4-Nitrophenol	14.683	139	13408	3.549	ng #	82
57) 2,4-Dinitrotoluene	14.795	165	40249	4.774	ng #	98
58) Fluorene	15.470	166	166379	6.148	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.059	232	34592	4.789	ng #	91
60) Diethylphthalate	15.241	149	148934	5.605	ng	98
61) 4-Chlorophenyl-phenyle...	15.464	204	85797	5.848	ng	99
62) 4-Nitroaniline	15.500	138	27856	4.864	ng	91
63) Azobenzene	15.758	77	191313	5.691	ng	98
65) 4,6-Dinitro-2-methylph...	15.576	198	15445	3.422	ng	89
66) n-Nitrosodiphenylamine	15.682	169	136044	6.035	ng	97
67) 4-Bromophenyl-phenylether	16.363	248	54454	5.691	ng	98
68) Hexachlorobenzene	16.481	284	62863	5.755	ng	94
69) Atrazine	16.634	200	52243	7.230	ng	97
70) Pentachlorophenol	16.845	266	13373	2.951	ng	94
71) Phenanthrene	17.215	178	286156	6.356	ng	97
72) Anthracene	17.309	178	264069	6.025	ng	97
73) Carbazole	17.580	167	247571	6.117	ng	99
74) Di-n-butylphthalate	18.144	149	249874	5.540	ng	98
75) Fluoranthene	19.242	202	347844	6.122	ng	98
77) Benzidine	19.424	184	54326	4.556	ng	95
78) Pyrene	19.607	202	369945	6.329	ng	97
80) Butylbenzylphthalate	20.500	149	89045	4.938	ng	99
81) Benzo(a)anthracene	21.410	228	352545	6.185	ng	99
82) 3,3'-Dichlorobenzidine	21.334	252	94932	5.361	ng #	97
83) Chrysene	21.475	228	351409	6.349	ng	98
84) Bis(2-ethylhexyl)phtha...	21.328	149	147101	5.335	ng #	99
85) Di-n-octyl phthalate	22.456	149	255600	5.321	ng	99
87) Indeno(1,2,3-cd)pyrene	27.826	276	381528	6.039	ng	100
88) Benzo(b)fluoranthene	23.484	252	328815	5.782	ng	99
89) Benzo(k)fluoranthene	23.543	252	353820	6.200	ng	94
90) Benzo(a)pyrene	24.289	252	321494	6.364	ng	96
91) Dibenzo(a,h)anthracene	27.868	278	301795	5.772	ng	98
92) Benzo(g,h,i)perylene	28.890	276	293516	5.457	ng	97

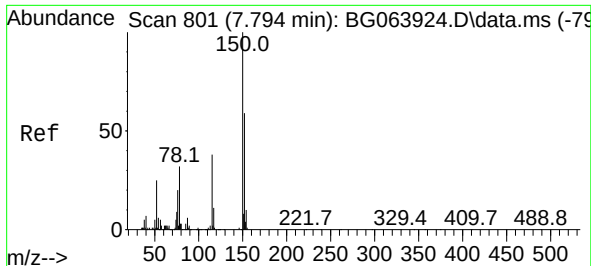
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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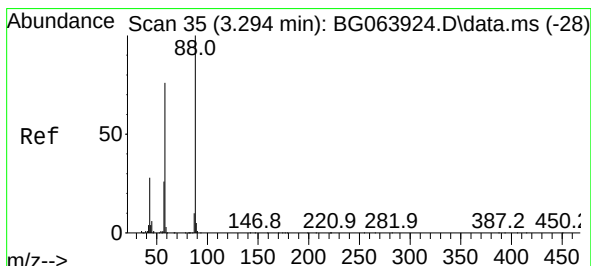
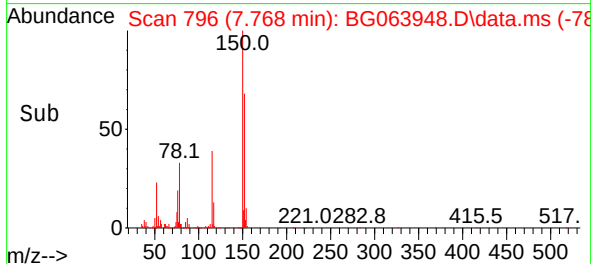
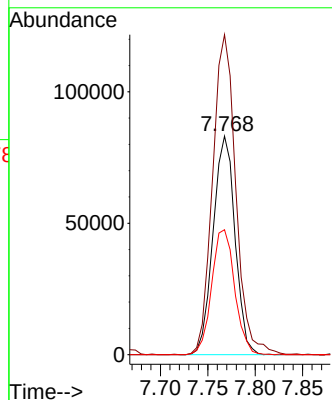
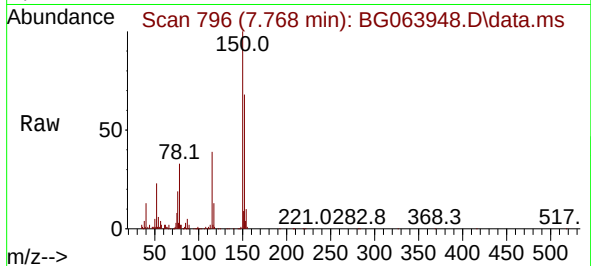




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.768 min Scan# 71
Delta R.T. -0.026 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

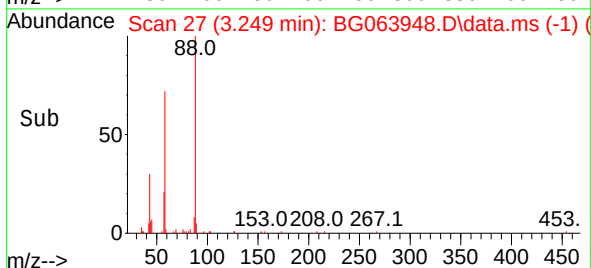
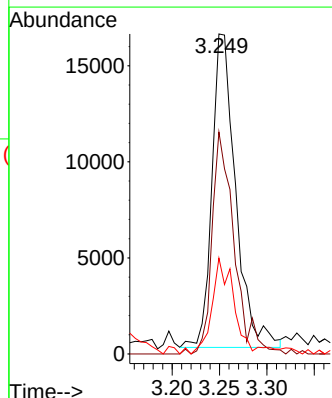
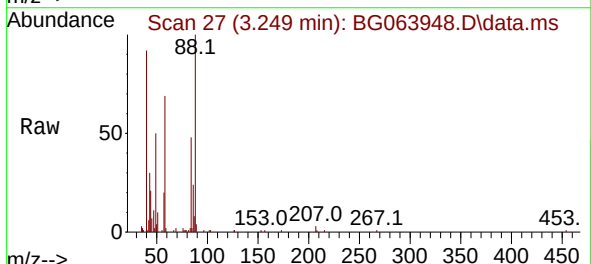
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

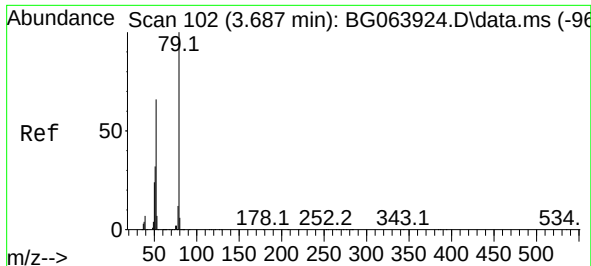
Tgt Ion:152 Resp: 133717
Ion Ratio Lower Upper
152 100
150 146.4 135.5 203.3
115 57.2 51.8 77.8



#2
1,4-Dioxane
Concen: 6.434 ng
RT: 3.249 min Scan# 27
Delta R.T. -0.044 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion: 88 Resp: 28386
Ion Ratio Lower Upper
88 100
58 66.0 58.4 87.6
43 28.2 22.1 33.1

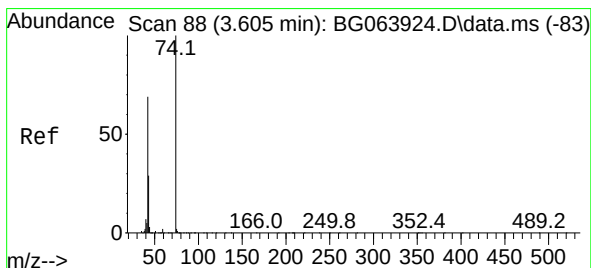
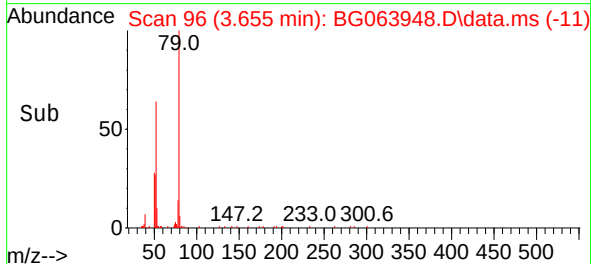
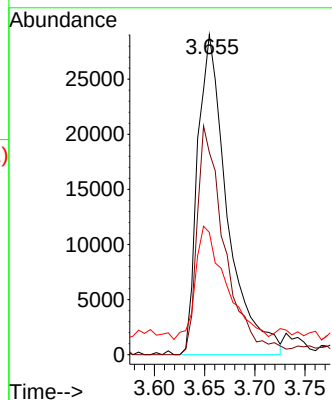
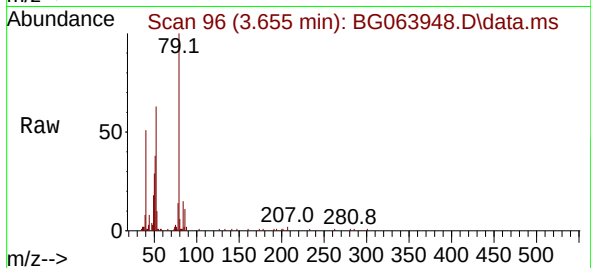




#3
Pyridine
Concen: 5.006 ng
RT: 3.655 min Scan# 90
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

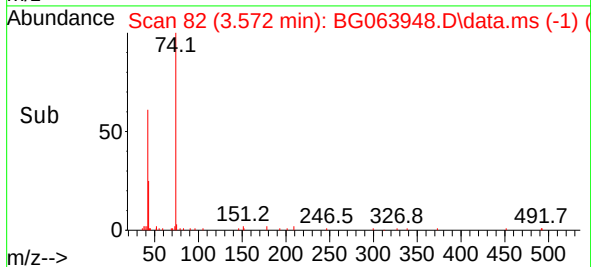
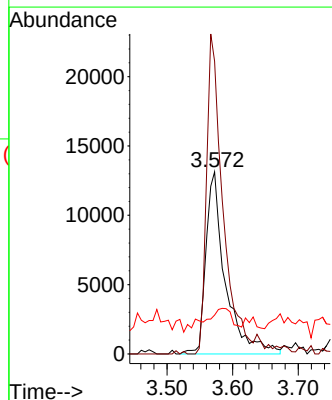
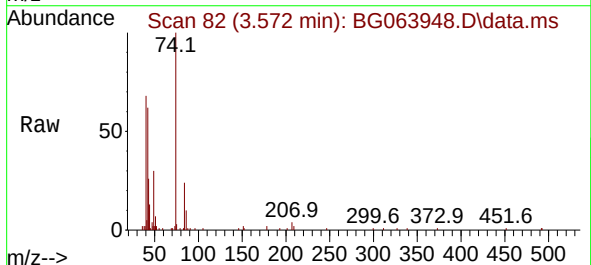
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

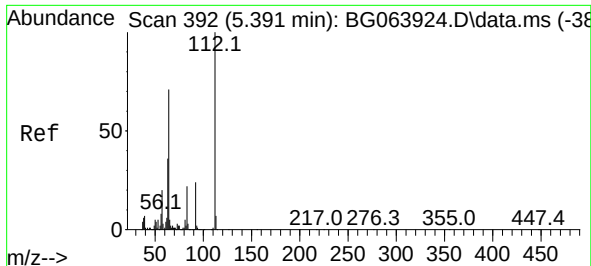
Tgt Ion: 79 Resp: 59506
Ion Ratio Lower Upper
79 100
52 63.2 53.1 79.7
51 38.2 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 5.965 ng
RT: 3.572 min Scan# 82
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion: 42 Resp: 27100
Ion Ratio Lower Upper
42 100
74 160.6 116.6 175.0
44 21.4 10.4 15.6#

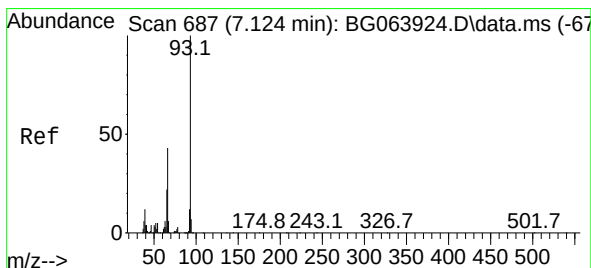
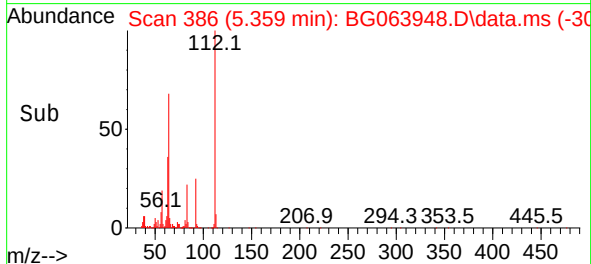
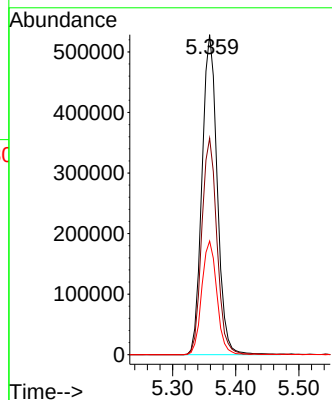
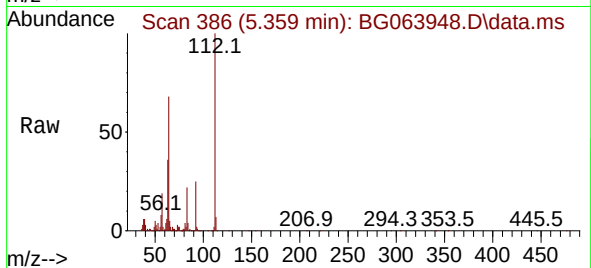




#5
2-Fluorophenol
Concen: 105.391 ng
RT: 5.359 min Scan# 386
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

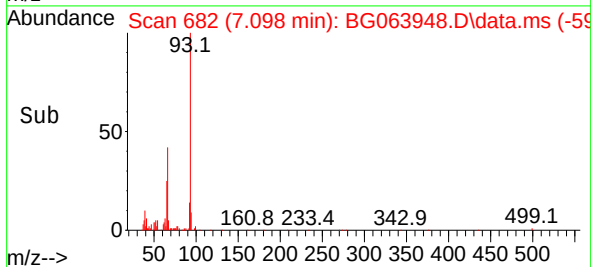
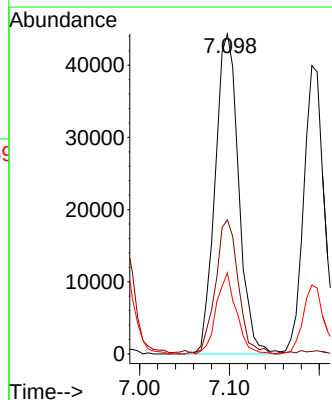
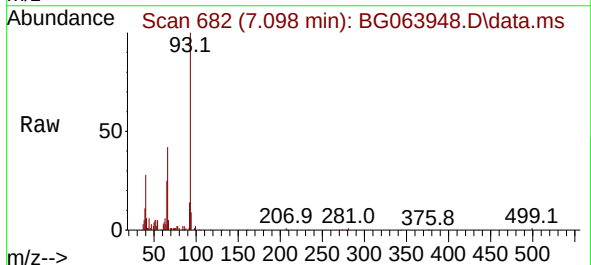
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

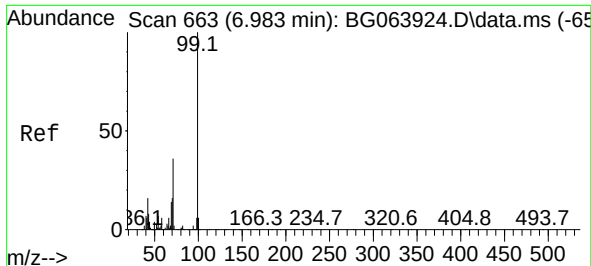
Tgt Ion:112 Resp: 884502
Ion Ratio Lower Upper
112 100
64 67.7 56.6 85.0
63 35.5 29.2 43.8



#6
Aniline
Concen: 7.652 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion: 93 Resp: 80704
Ion Ratio Lower Upper
93 100
66 41.9 35.0 52.4
65 25.3 17.8 26.8





#7

Phenol-d6

Concen: 104.183 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

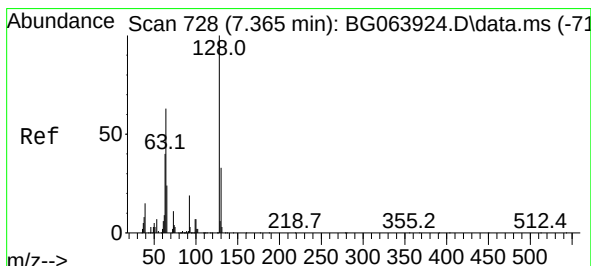
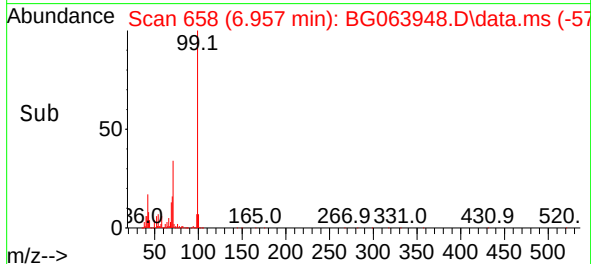
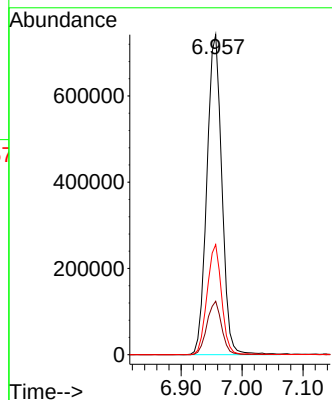
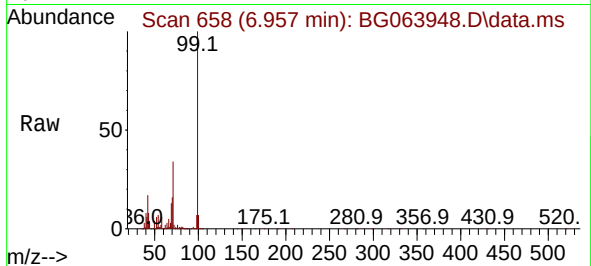
BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 99 Resp: 1264923

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.6
71	34.4	28.5	42.7



#8

2-Chlorophenol

Concen: 6.282 ng

RT: 7.339 min Scan# 723

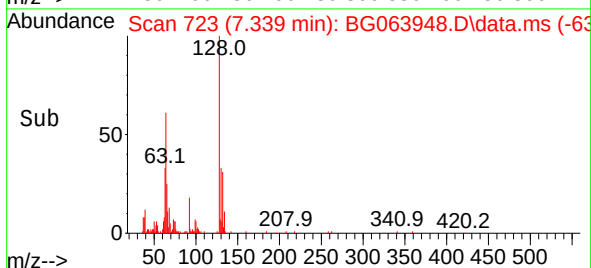
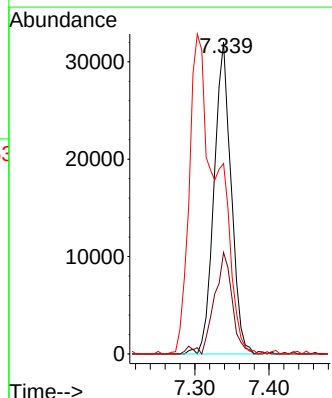
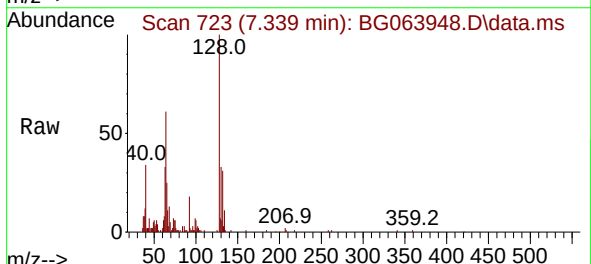
Delta R.T. -0.027 min

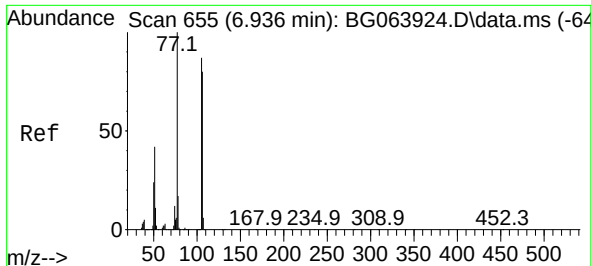
Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Tgt Ion:128 Resp: 51259

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.4	53.4
64	61.0	44.6	84.6

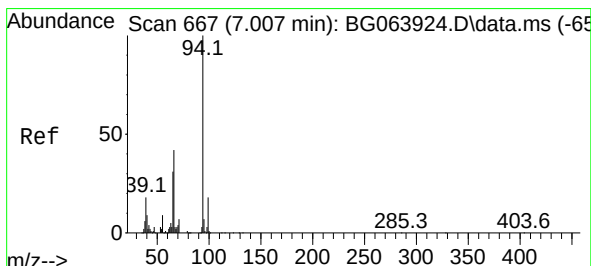
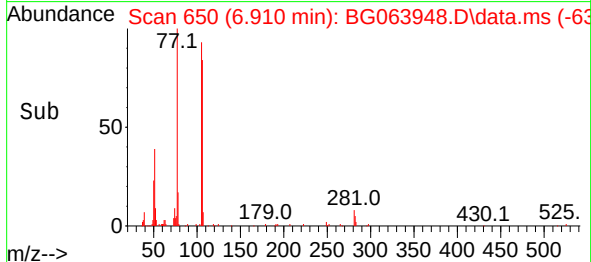
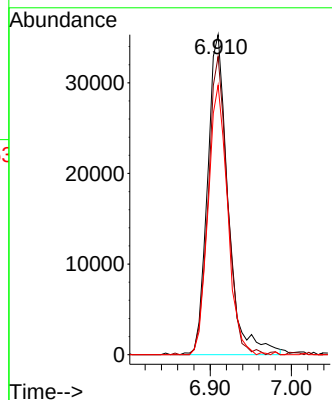
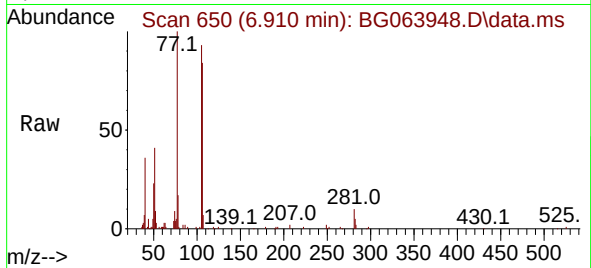




#9
Benzaldehyde
Concen: 8.003 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.026 min
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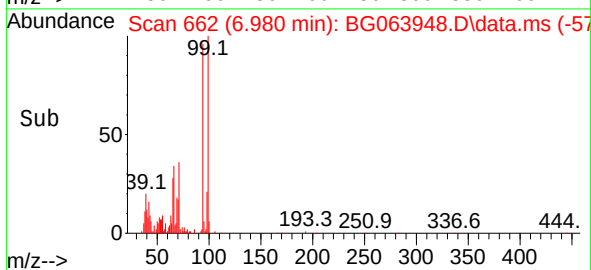
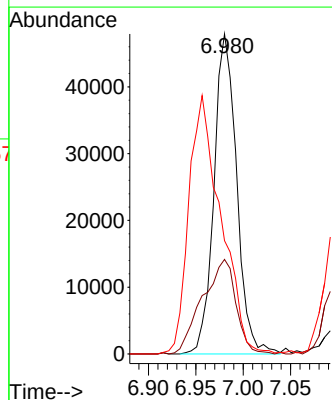
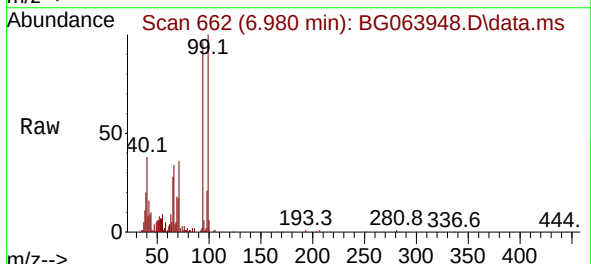
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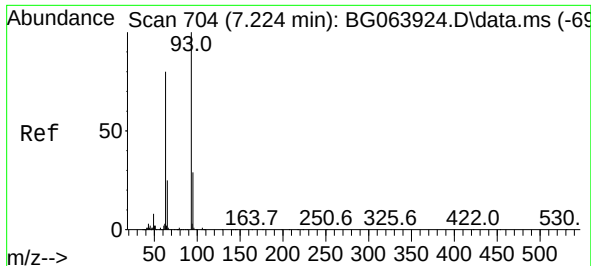
Tgt Ion: 77 Resp: 62047
Ion Ratio Lower Upper
77 100
105 93.2 66.5 106.5
106 84.2 60.1 100.1



#10
Phenol
Concen: 6.312 ng
RT: 6.980 min Scan# 662
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion: 94 Resp: 79787
Ion Ratio Lower Upper
94 100
65 29.6 11.5 51.5
66 35.4 21.9 61.9

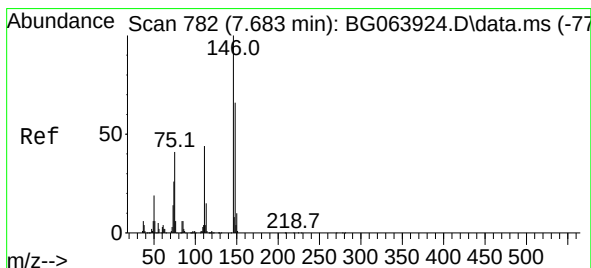
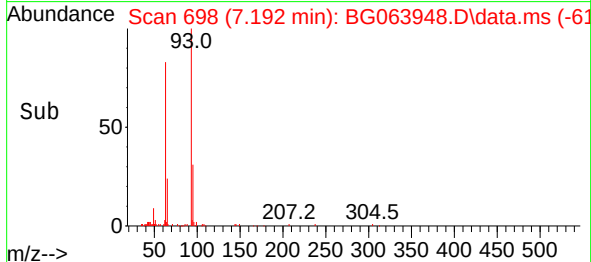
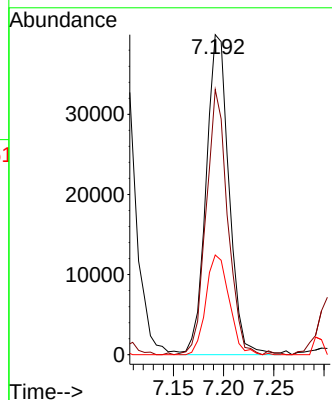
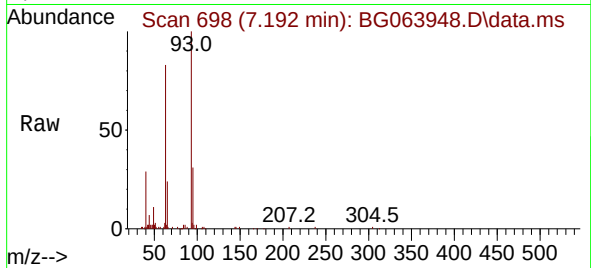




#11
bis(2-Chloroethyl)ether
Concen: 6.403 ng
RT: 7.192 min Scan# 61
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

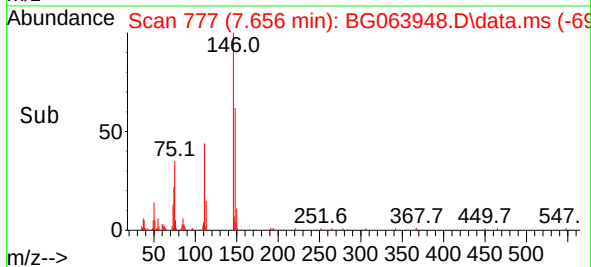
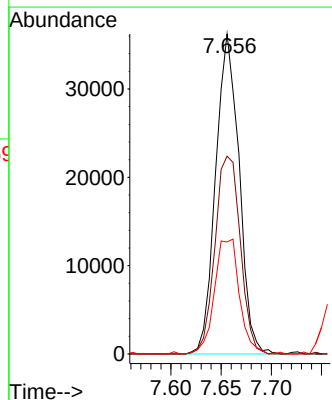
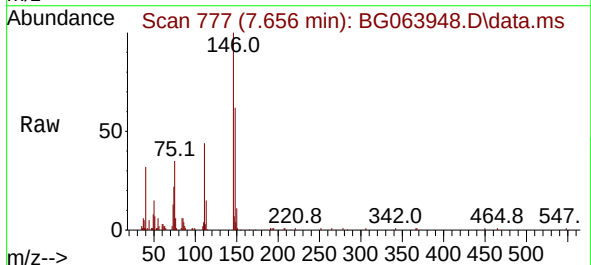
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

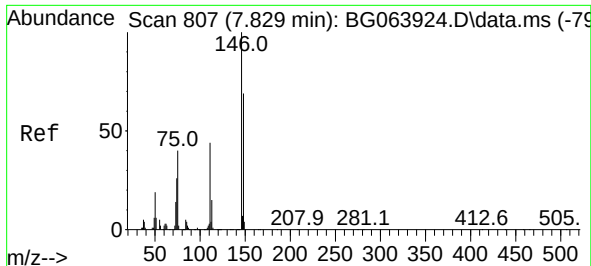
Tgt Ion: 93 Resp: 63462
Ion Ratio Lower Upper
93 100
63 82.8 59.6 99.6
95 31.1 9.3 49.3



#12
1,3-Dichlorobenzene
Concen: 5.963 ng
RT: 7.656 min Scan# 777
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:146 Resp: 58643
Ion Ratio Lower Upper
146 100
148 61.8 52.6 78.8
75 35.0 32.6 48.8

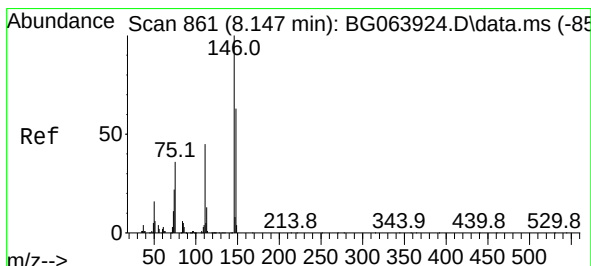
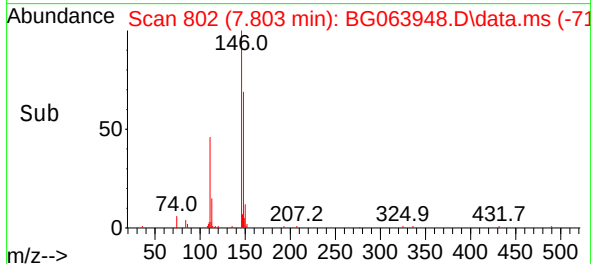
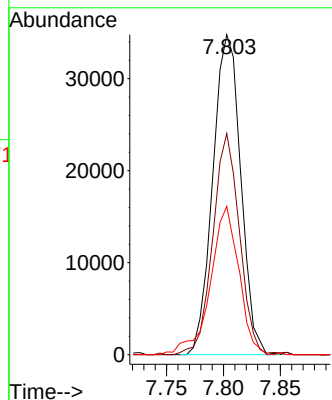
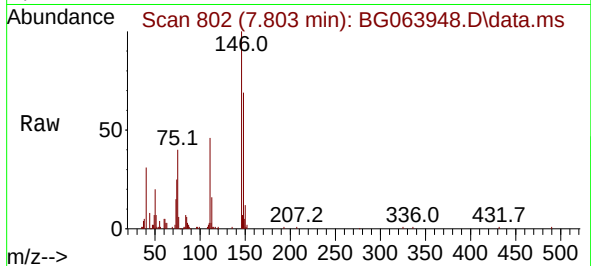




#13
1,4-Dichlorobenzene
Concen: 6.043 ng
RT: 7.803 min Scan# 807
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

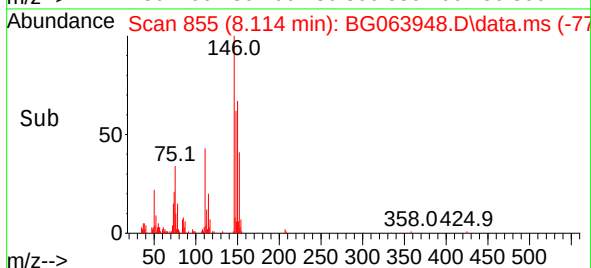
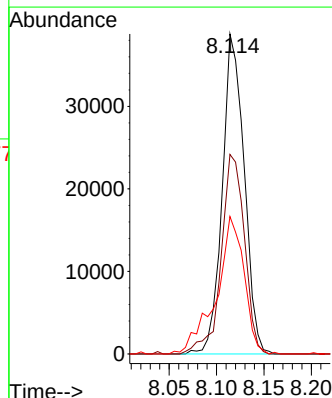
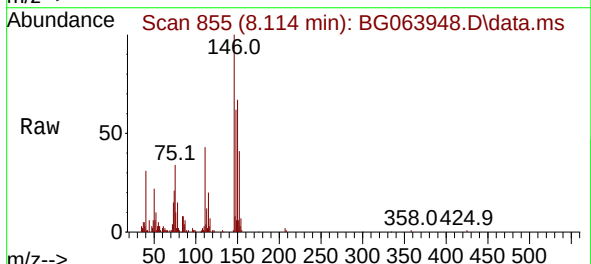
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

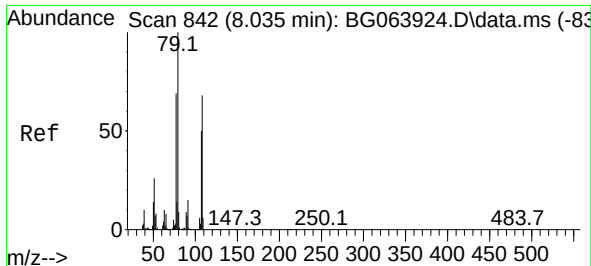
Tgt Ion:146 Resp: 59400
Ion Ratio Lower Upper
146 100
148 69.1 55.4 83.0
111 46.3 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 6.435 ng
RT: 8.114 min Scan# 855
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:146 Resp: 62256
Ion Ratio Lower Upper
146 100
148 62.3 50.7 76.1
111 43.0 36.1 54.1

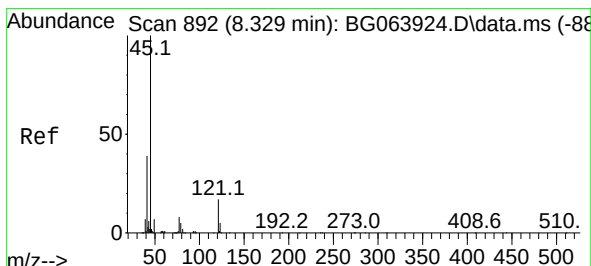
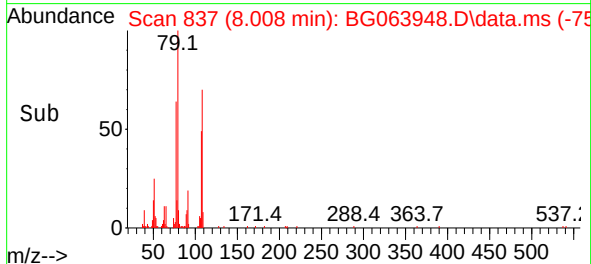
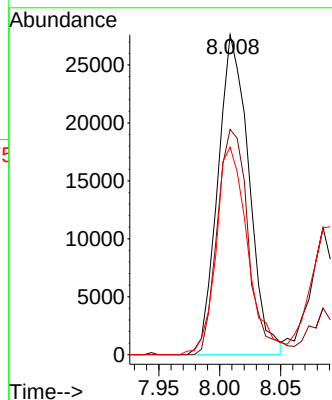
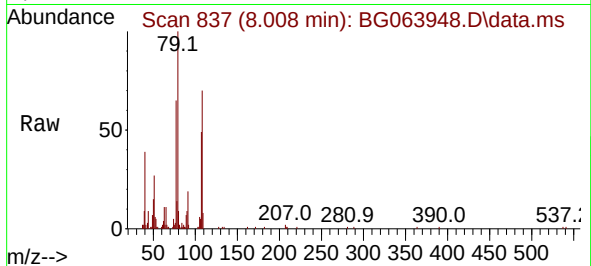




#15
Benzyl Alcohol
Concen: 5.611 ng
RT: 8.008 min Scan# 842
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

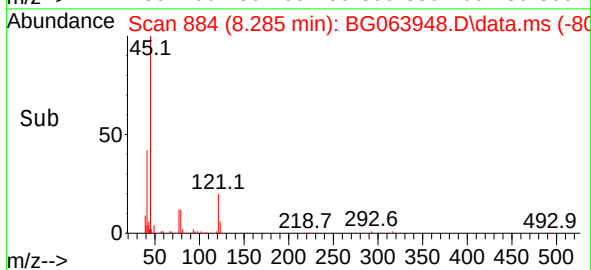
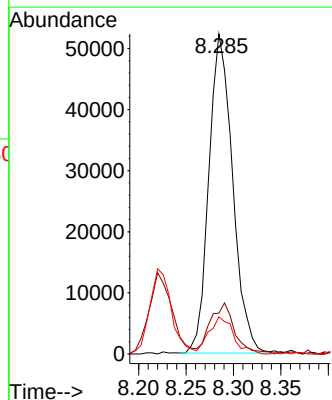
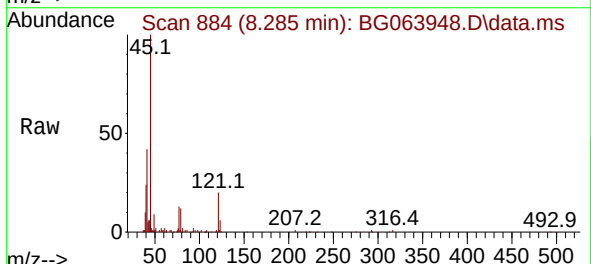
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

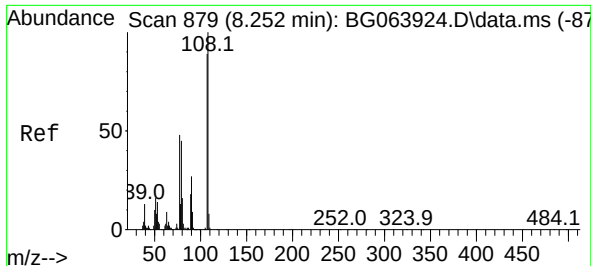
Tgt Ion: 79 Resp: 48882
Ion Ratio Lower Upper
79 100
108 70.4 54.6 81.8
77 64.8 55.6 83.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.370 ng
RT: 8.285 min Scan# 884
Delta R.T. -0.044 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion: 45 Resp: 90885
Ion Ratio Lower Upper
45 100
77 12.8 0.0 34.7
79 11.6 0.0 32.1

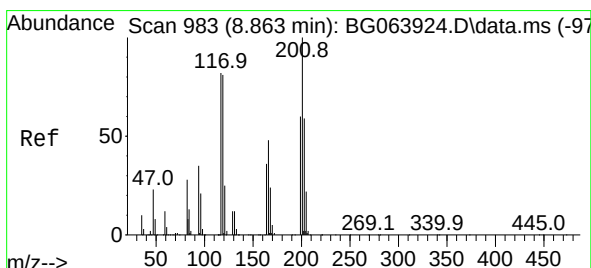
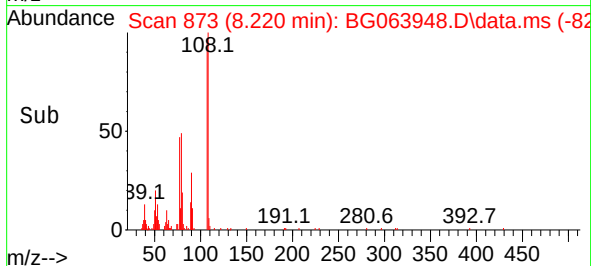
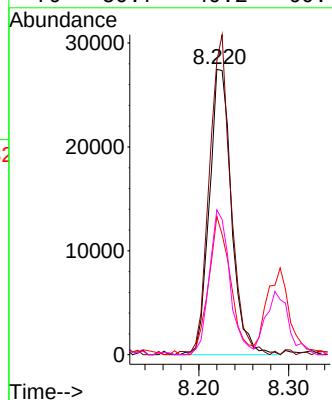
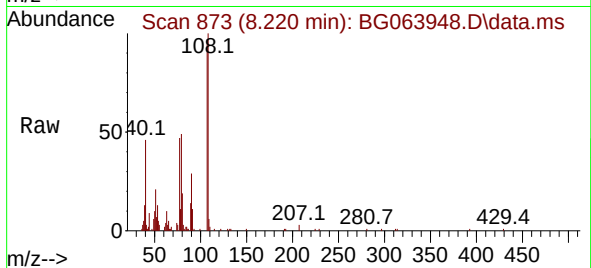




#17
2-Methylphenol
Concen: 5.743 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

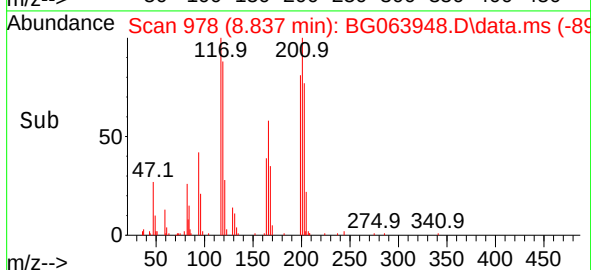
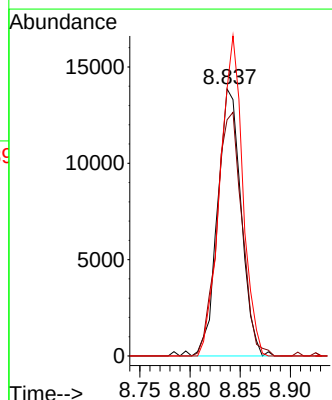
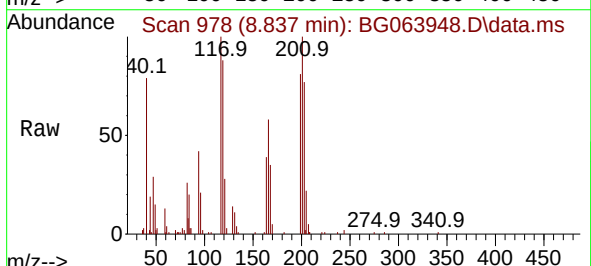
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

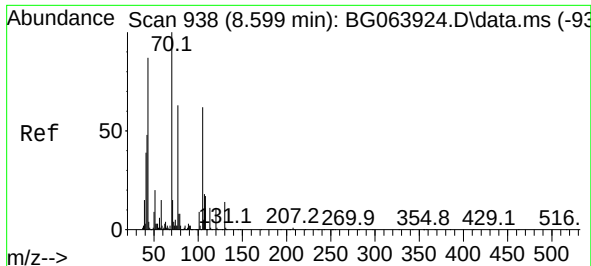
Tgt Ion:	107	Resp:	47124
Ion	Ratio	Lower	Upper
107	100		
108	103.0	89.5	134.3
77	48.4	43.4	65.2
79	50.7	40.2	60.4



#18
Hexachloroethane
Concen: 5.948 ng
RT: 8.837 min Scan# 978
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:	117	Resp:	22678
Ion	Ratio	Lower	Upper
117	100		
119	88.4	79.7	119.5
201	100.1	97.8	146.8





#19

n-Nitroso-di-n-propylamine

Concen: 5.665 ng

RT: 8.567 min Scan# 90

Delta R.T. -0.032 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 70 Resp: 50229

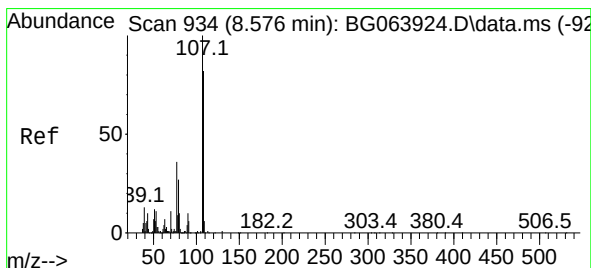
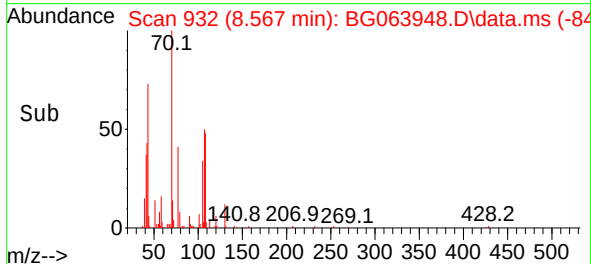
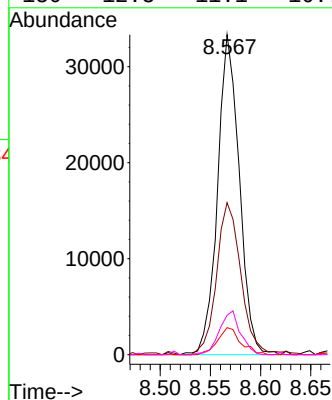
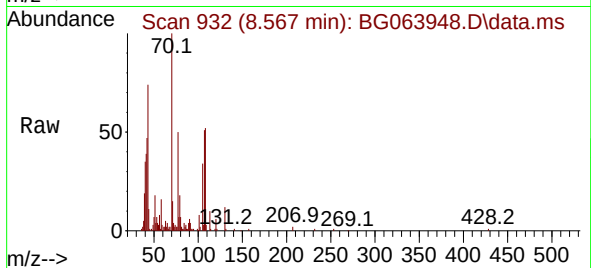
Ion Ratio Lower Upper

70 100

42 47.5 39.0 58.4

101 8.4 7.0 10.4

130 12.3 11.1 16.7



#20

3+4-Methylphenols

Concen: 5.408 ng

RT: 8.555 min Scan# 930

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Tgt Ion: 107 Resp: 59693

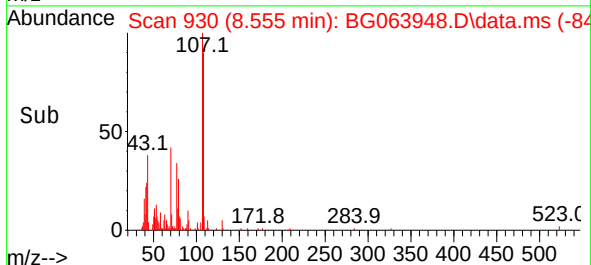
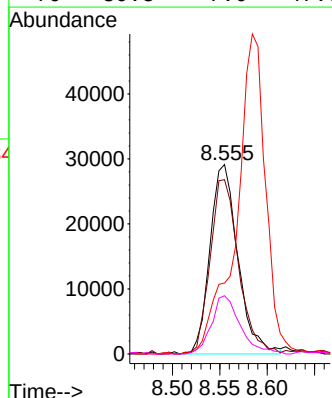
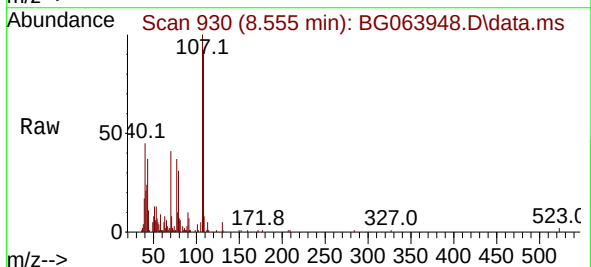
Ion Ratio Lower Upper

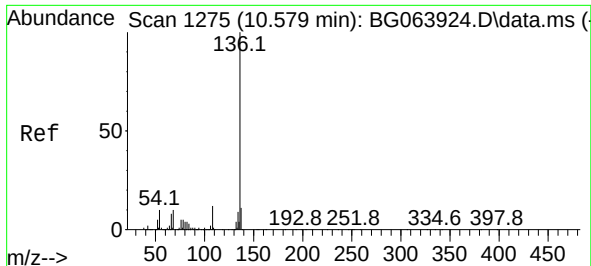
107 100

108 92.0 62.4 102.4

77 37.4 16.3 56.3

79 30.8 7.0 47.0

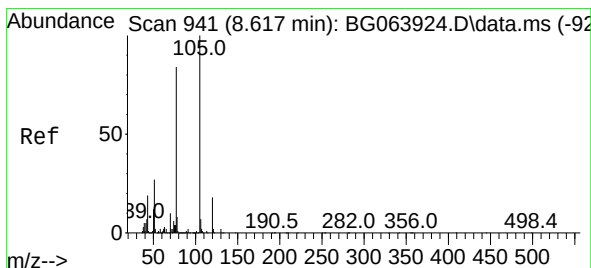
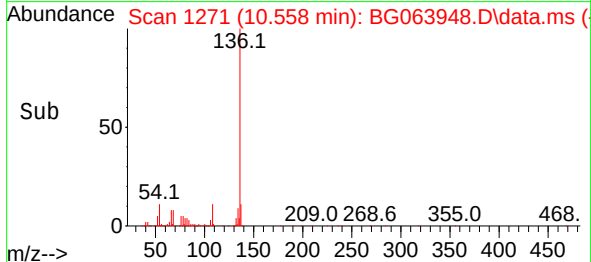
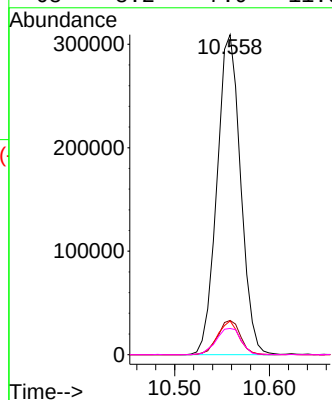
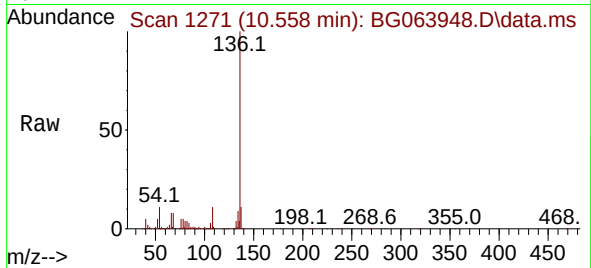




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.558 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

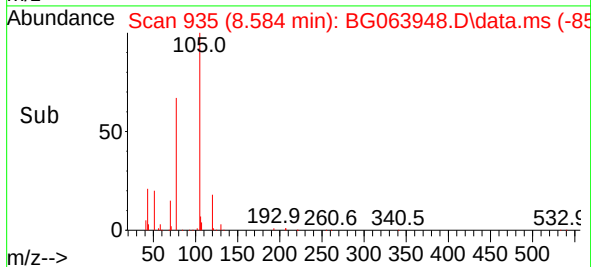
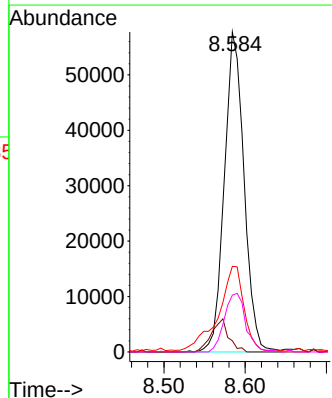
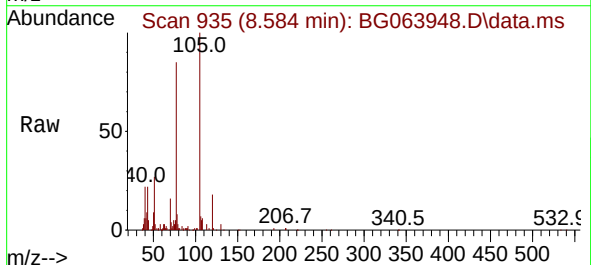
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

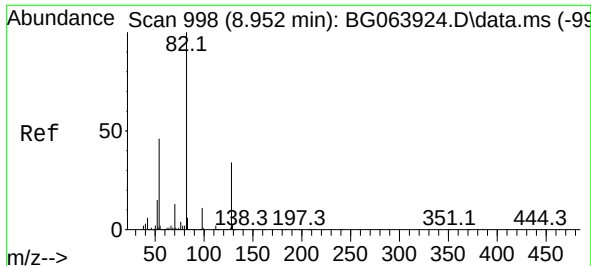
Tgt	Ion:136	Resp:	535413
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.6	8.0	12.0
68	8.2	7.9	11.9



#22
Acetophenone
Concen: 6.065 ng
RT: 8.584 min Scan# 935
Delta R.T. -0.032 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt	Ion:105	Resp:	97514
Ion	Ratio	Lower	Upper
105	100		
71	3.5	1.5	2.3#
51	26.8	21.8	32.8
120	17.7	14.5	21.7





#23

Nitrobenzene-d5

Concen: 70.456 ng

RT: 8.925 min Scan# 90

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

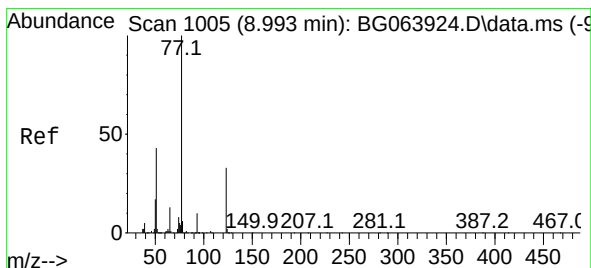
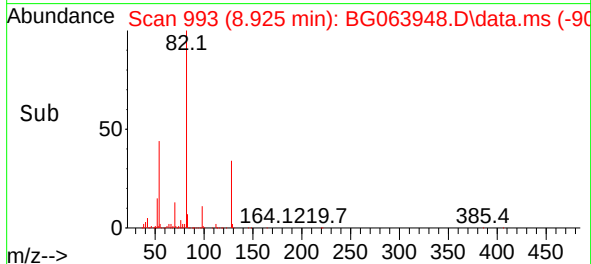
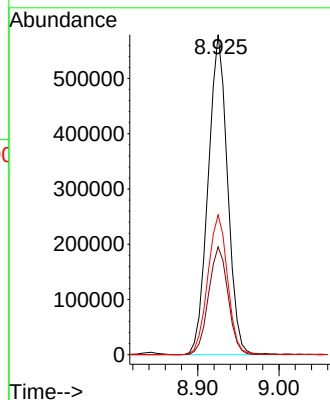
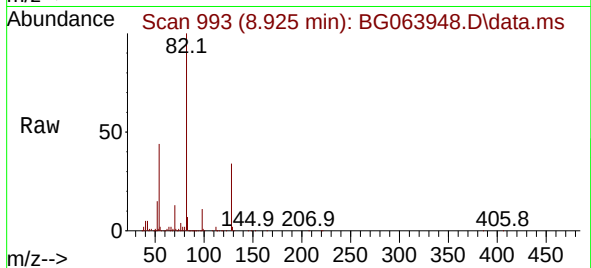
Tgt Ion: 82 Resp: 957651

Ion Ratio Lower Upper

82 100

128 33.7 26.9 40.3

54 43.7 36.7 55.1



#24

Nitrobenzene

Concen: 5.714 ng

RT: 8.966 min Scan# 1000

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

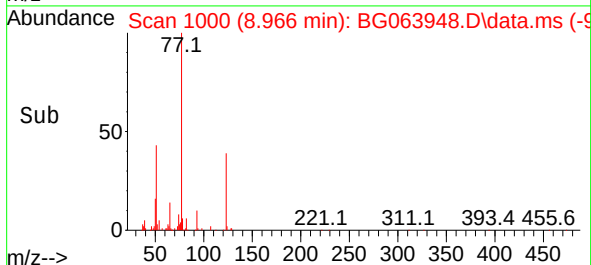
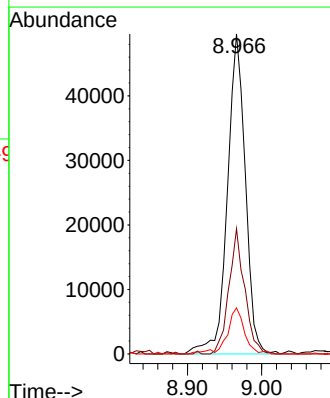
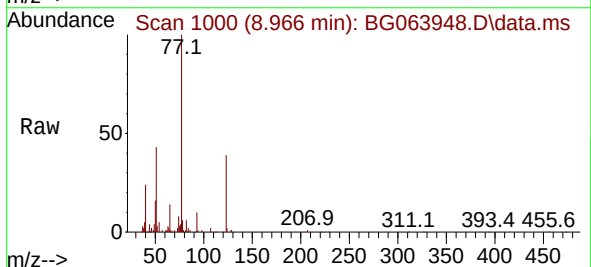
Tgt Ion: 77 Resp: 83394

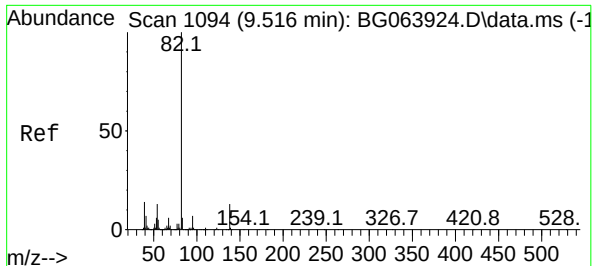
Ion Ratio Lower Upper

77 100

123 39.1 26.5 39.7

65 14.4 10.2 15.4





#25

Isophorone

Concen: 5.707 ng

RT: 9.483 min Scan# 1

Delta R.T. -0.032 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

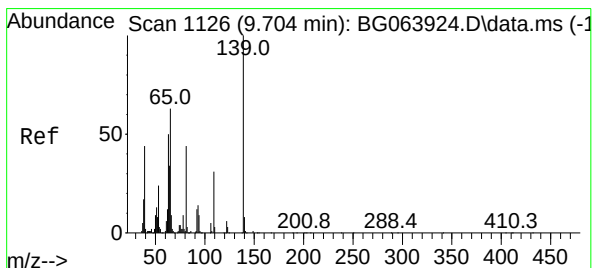
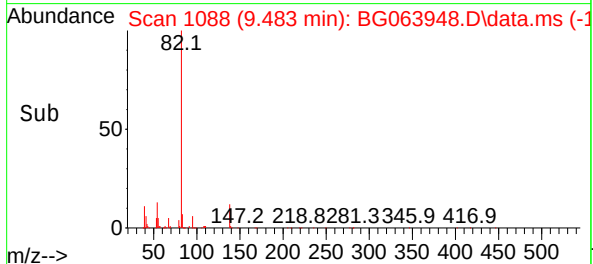
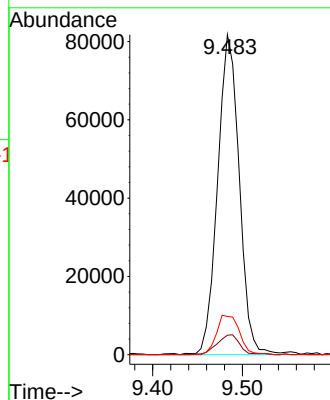
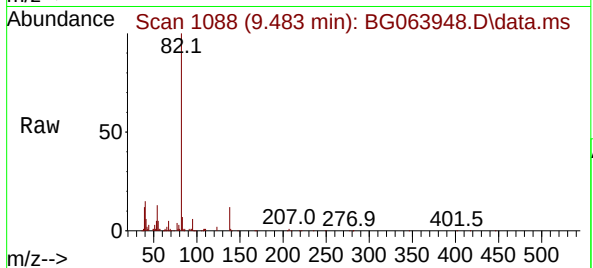
Tgt Ion: 82 Resp: 136709

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 12.0 10.6 16.0



#26

2-Nitrophenol

Concen: 5.043 ng

RT: 9.677 min Scan# 1121

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

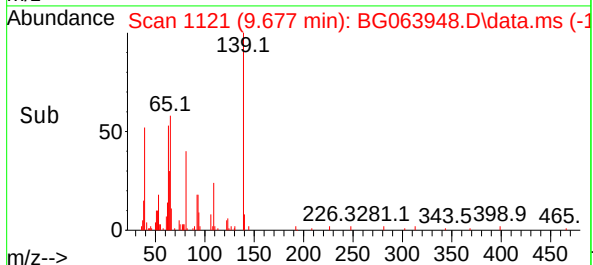
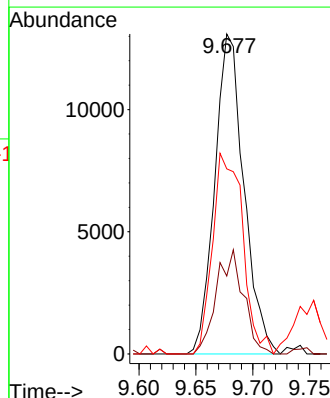
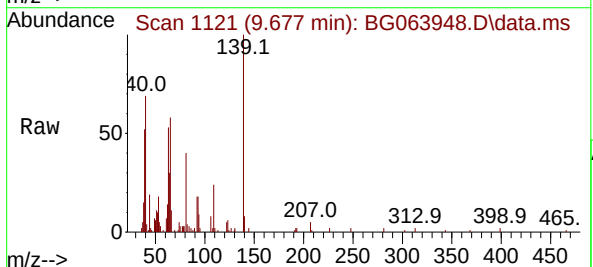
Tgt Ion:139 Resp: 23355

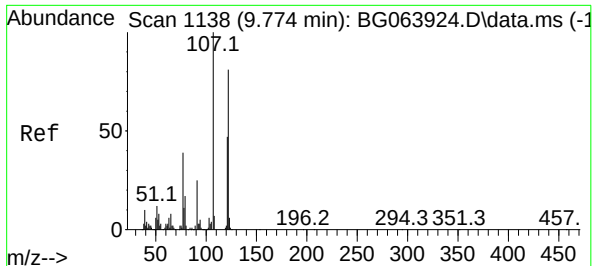
Ion Ratio Lower Upper

139 100

109 24.3 25.0 37.4#

65 57.8 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 4.134 ng

RT: 9.742 min Scan# 1132

Delta R.T. -0.032 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

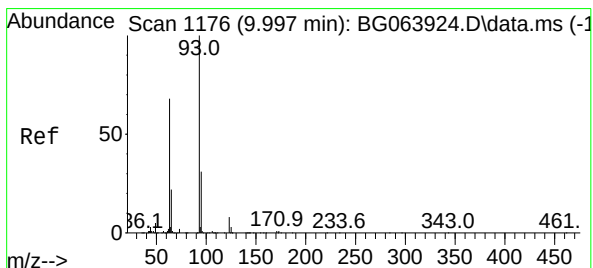
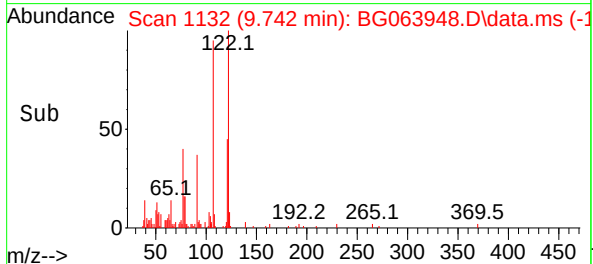
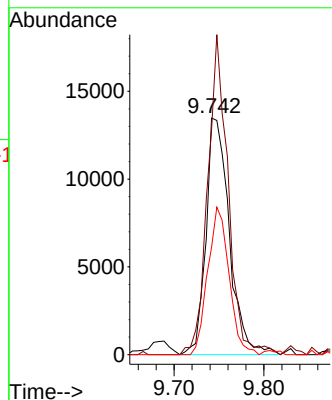
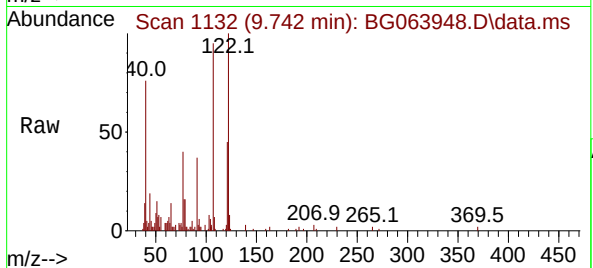
Tgt Ion:122 Resp: 24412

Ion Ratio Lower Upper

122 100

107 95.0 99.0 148.4#

121 45.4 46.0 69.0#



#28

bis(2-Chloroethoxy)methane

Concen: 5.597 ng

RT: 9.971 min Scan# 1171

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

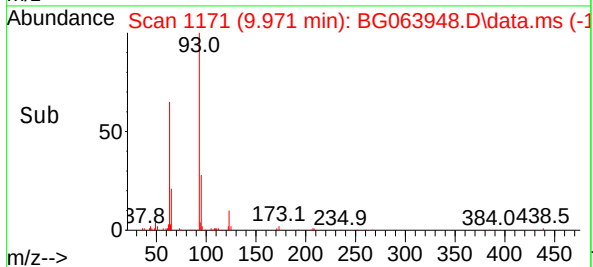
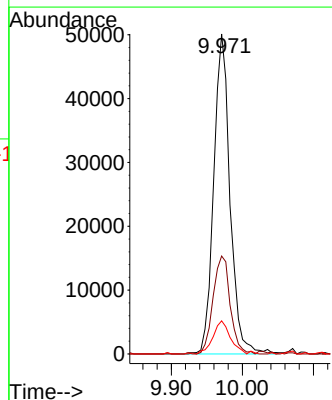
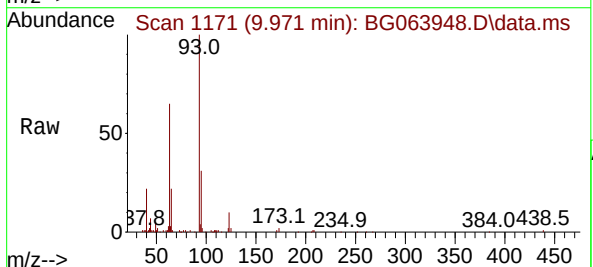
Tgt Ion: 93 Resp: 79950

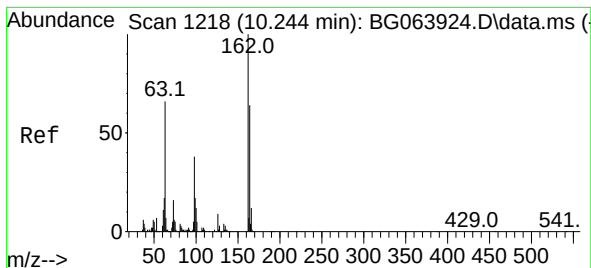
Ion Ratio Lower Upper

93 100

95 30.6 25.0 37.6

123 10.4 6.9 10.3#





#29

2,4-Dichlorophenol

Concen: 5.478 ng

RT: 10.229 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

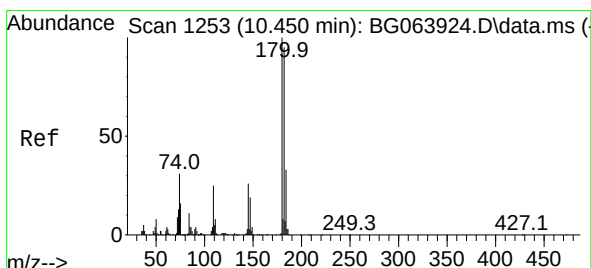
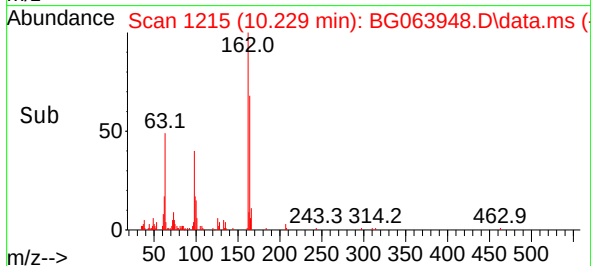
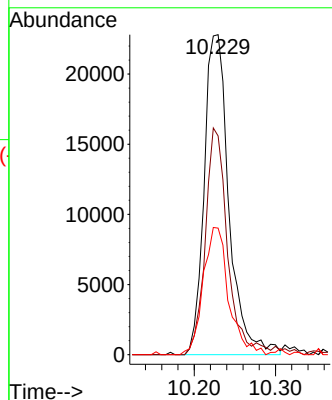
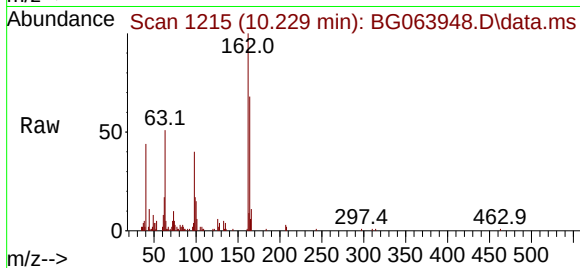
Tgt Ion:162 Resp: 48337

Ion Ratio Lower Upper

162 100

164 68.3 44.4 84.4

98 39.6 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 5.729 ng

RT: 10.423 min Scan# 1248

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

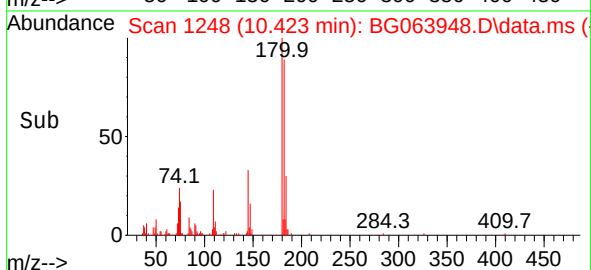
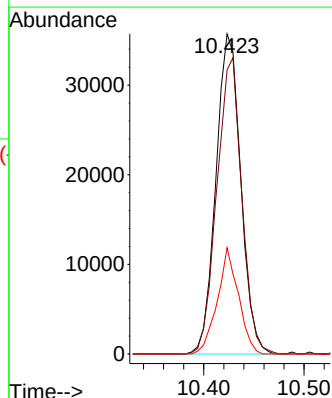
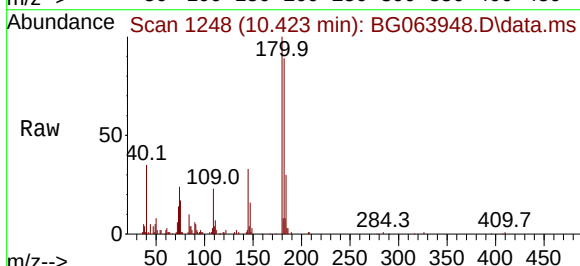
Tgt Ion:180 Resp: 61141

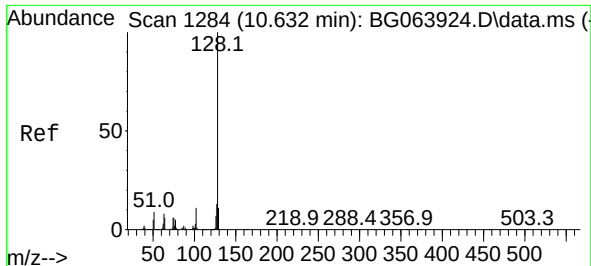
Ion Ratio Lower Upper

180 100

182 88.8 75.8 113.6

145 33.2 20.8 31.2#

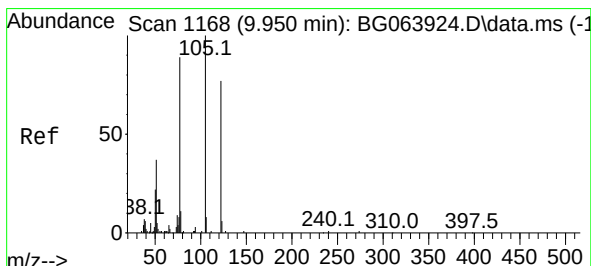
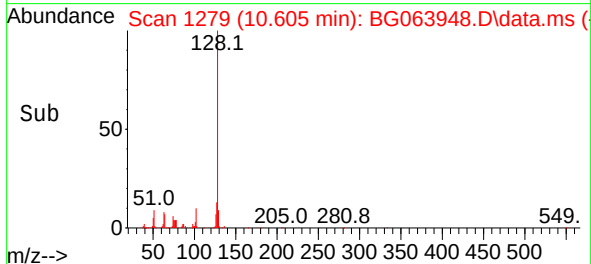
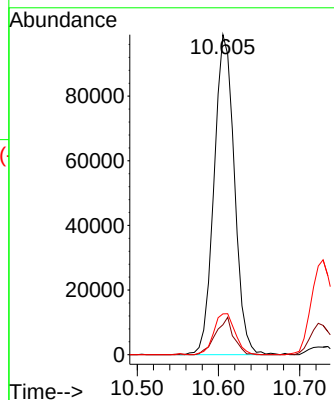
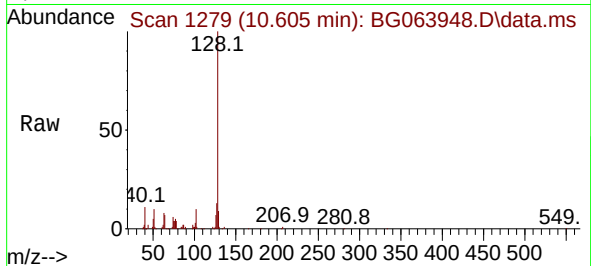




#31
Naphthalene
Concen: 5.938 ng
RT: 10.605 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

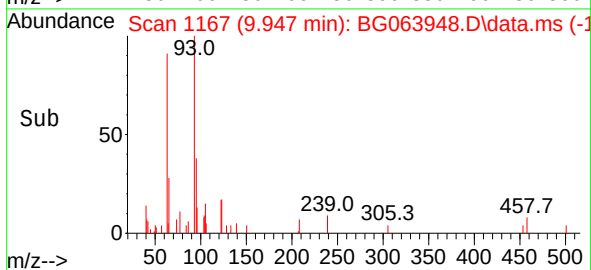
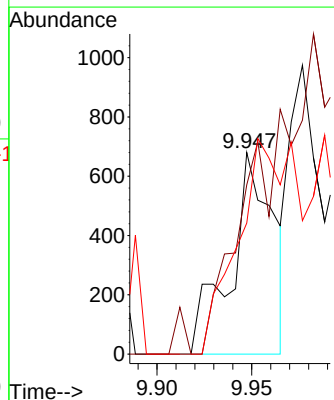
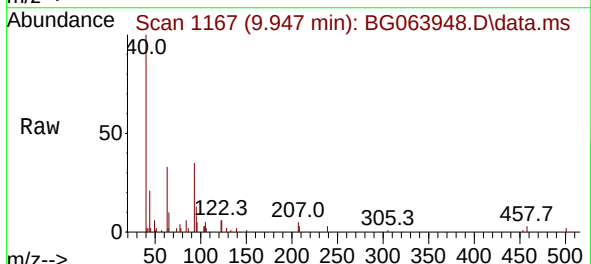
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

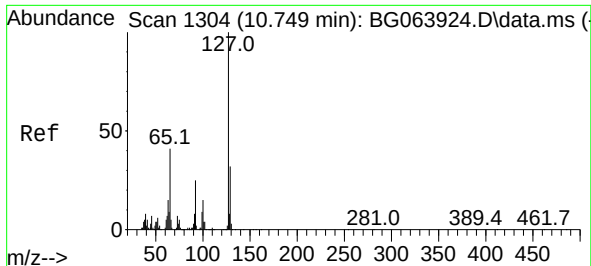
Tgt Ion:128 Resp: 172355
Ion Ratio Lower Upper
128 100
129 9.3 9.0 13.6
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 0.269 ng
RT: 9.947 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:122 Resp: 1064
Ion Ratio Lower Upper
122 100
105 84.0 109.7 149.7#
77 65.0 96.0 136.0#





#33

4-Chloroaniline

Concen: 6.286 ng

RT: 10.729 min Scan# 11

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:127 Resp: 59237

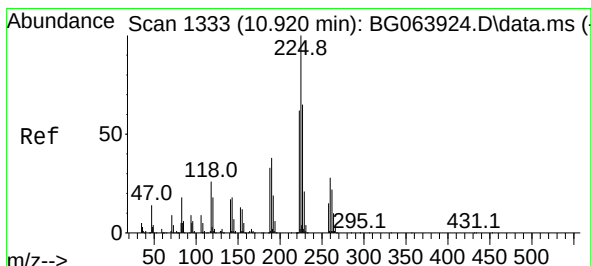
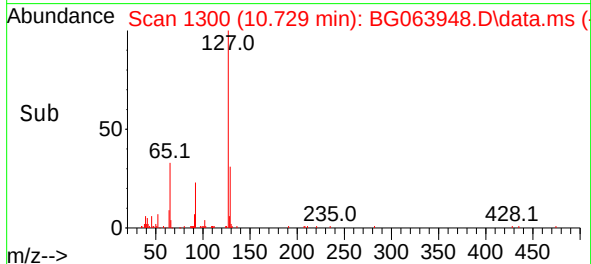
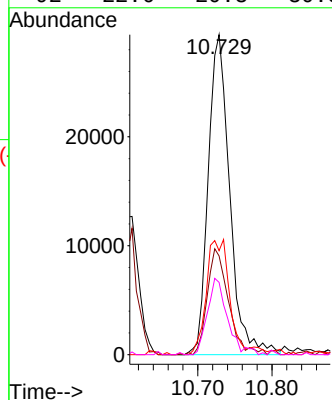
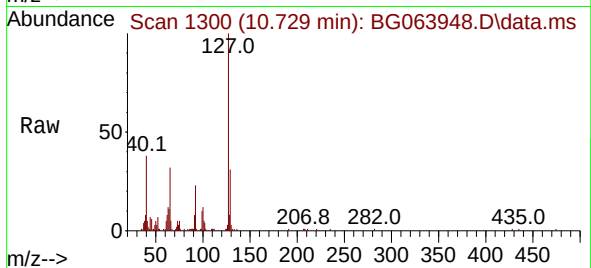
Ion Ratio Lower Upper

127 100

129 30.9 25.4 38.0

65 32.5 32.6 48.8#

92 22.6 20.3 30.5



#34

Hexachlorobutadiene

Concen: 5.256 ng

RT: 10.893 min Scan# 1328

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

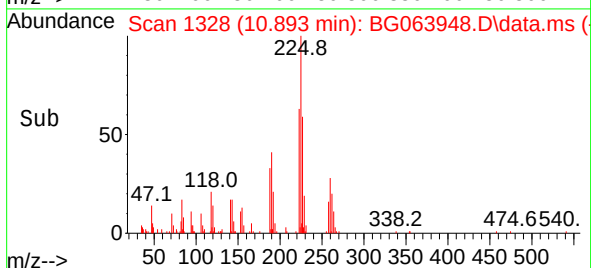
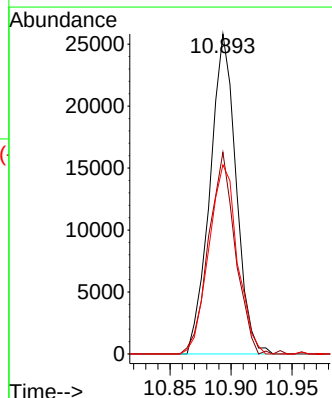
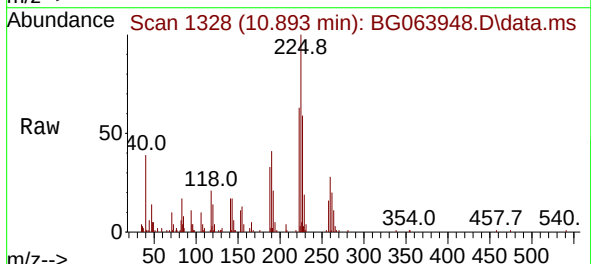
Tgt Ion:225 Resp: 38449

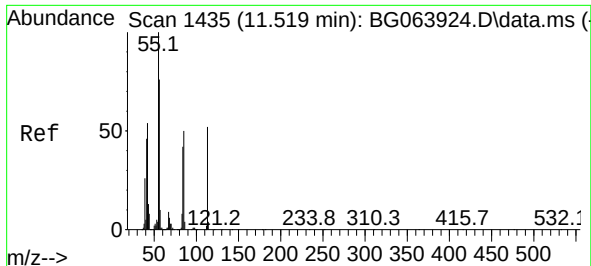
Ion Ratio Lower Upper

225 100

223 63.0 49.5 74.3

227 59.1 51.6 77.4

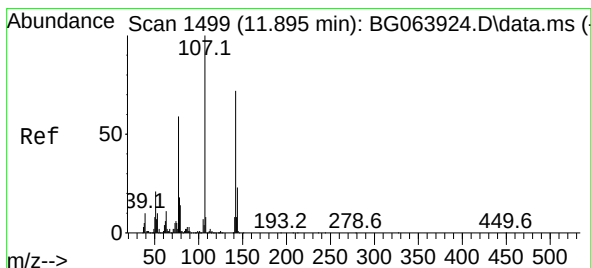
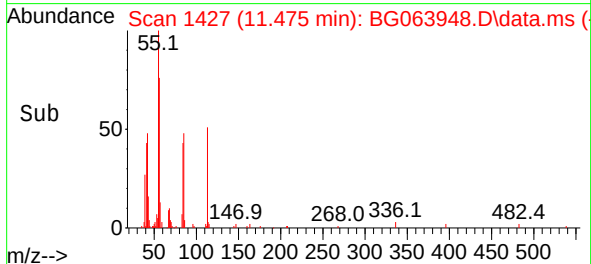
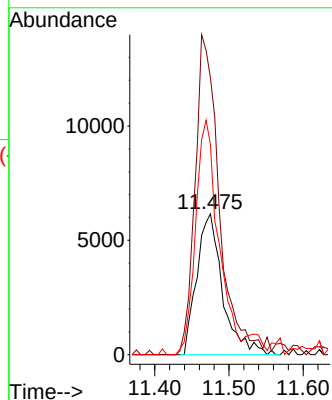
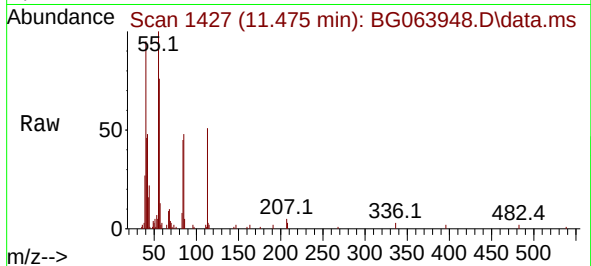




#35
Caprolactam
Concen: 5.116 ng
RT: 11.475 min Scan# 1427
Delta R.T. -0.044 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

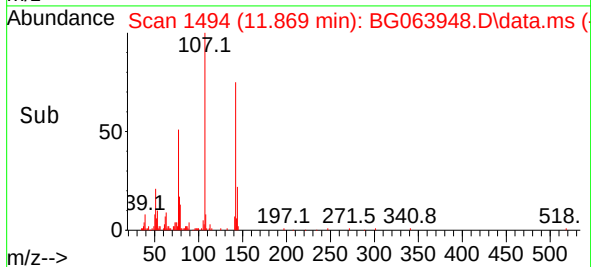
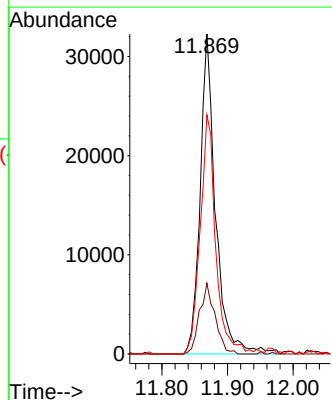
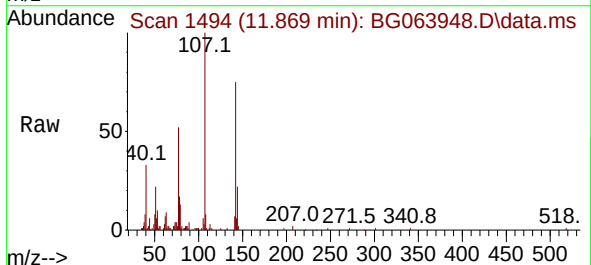
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

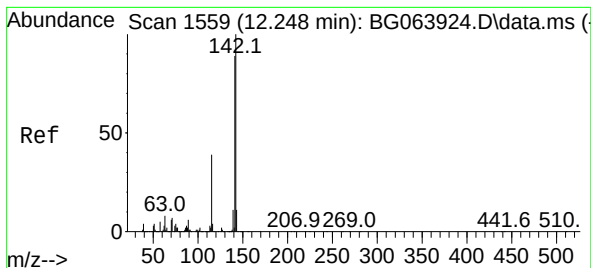
Tgt Ion:113 Resp: 14907
Ion Ratio Lower Upper
113 100
55 196.6 173.7 213.7
56 149.2 127.5 167.5



#36
4-Chloro-3-methylphenol
Concen: 5.385 ng
RT: 11.869 min Scan# 1494
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:107 Resp: 52741
Ion Ratio Lower Upper
107 100
144 22.1 18.7 28.1
142 74.7 57.5 86.3





#37

2-Methylnaphthalene

Concen: 5.856 ng

RT: 12.227 min Scan# 1555

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

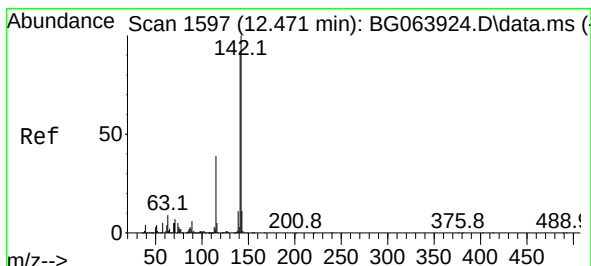
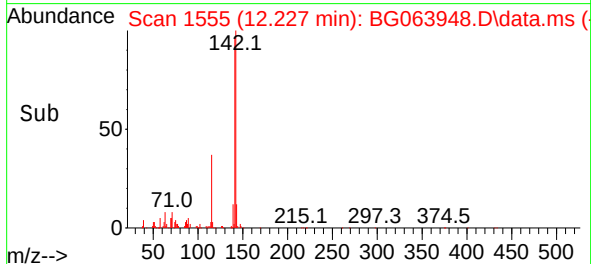
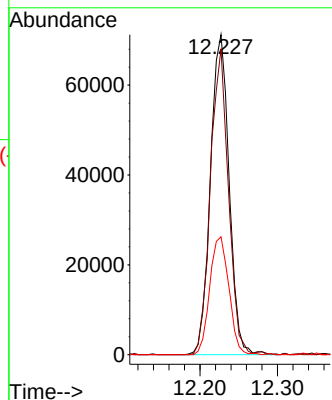
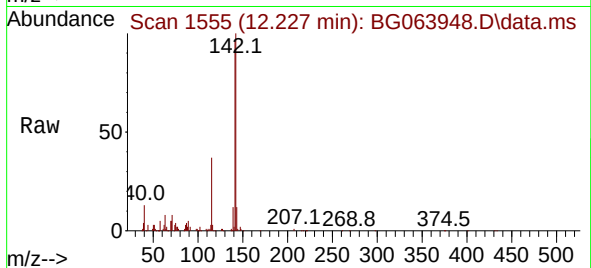
Tgt Ion:142 Resp: 119433

Ion Ratio Lower Upper

142 100

141 95.6 70.8 106.2

115 36.8 31.2 46.8



#38

1-Methylnaphthalene

Concen: 5.640 ng

RT: 12.444 min Scan# 1592

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

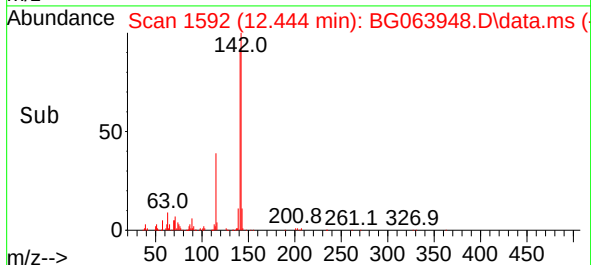
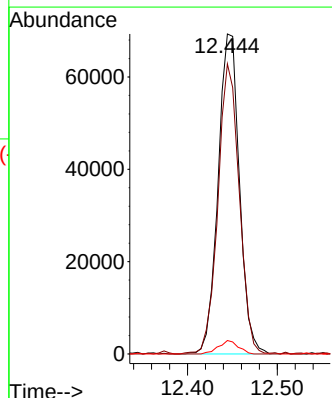
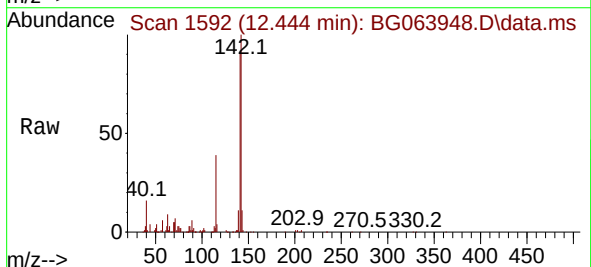
Tgt Ion:142 Resp: 114394

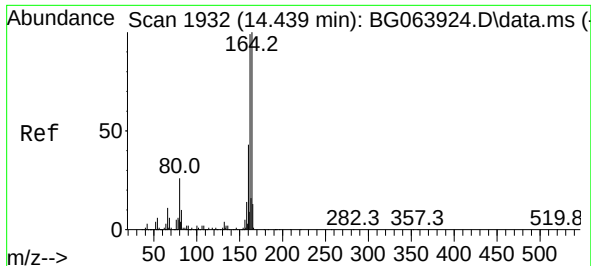
Ion Ratio Lower Upper

142 100

141 90.6 73.4 110.2

116 4.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.419 min Scan# 1

Delta R.T. -0.020 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

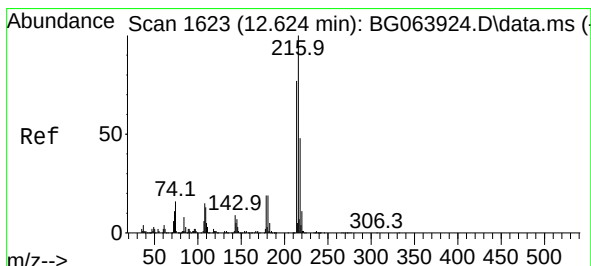
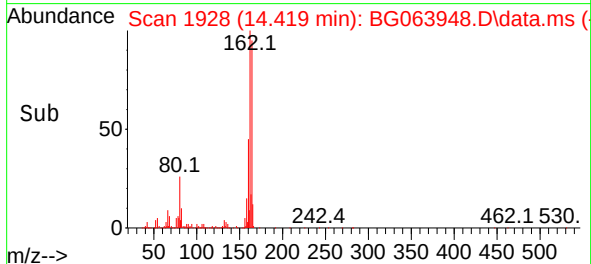
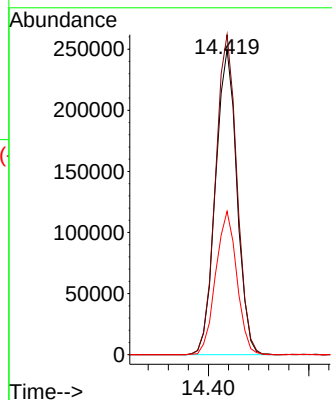
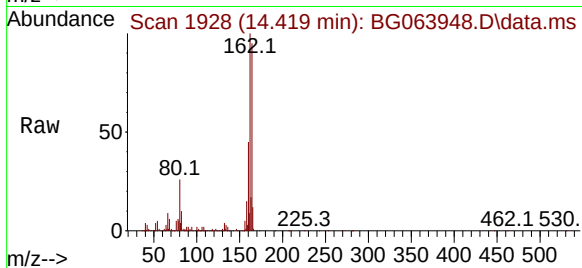
Tgt Ion:164 Resp: 369106

Ion Ratio Lower Upper

164 100

162 104.9 79.1 118.7

160 47.0 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.942 ng

RT: 12.603 min Scan# 1619

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Tgt Ion:216 Resp: 73580

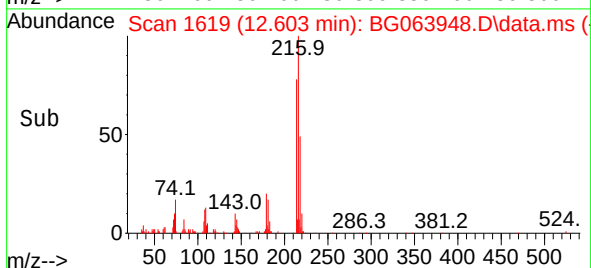
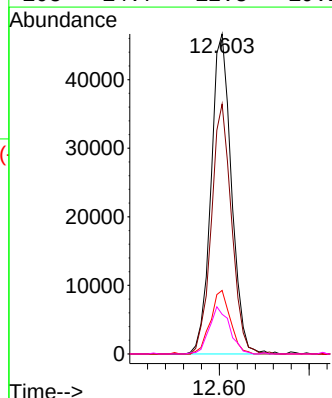
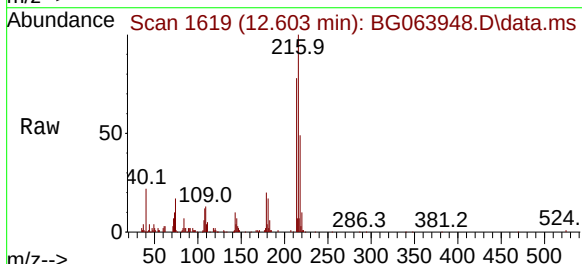
Ion Ratio Lower Upper

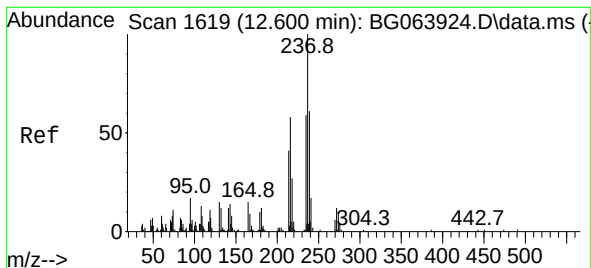
216 100

214 77.3 61.8 92.8

179 19.3 15.5 23.3

108 14.7 12.8 19.2





#41

Hexachlorocyclopentadiene

Concen: 11.622 ng

RT: 12.580 min Scan# 1

Delta R.T. -0.020 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

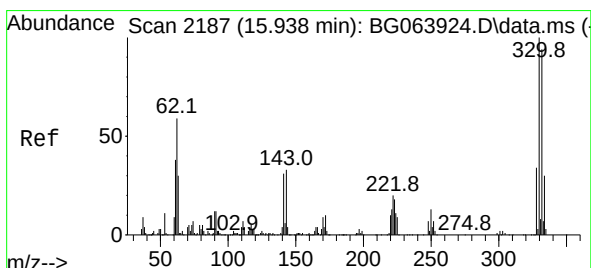
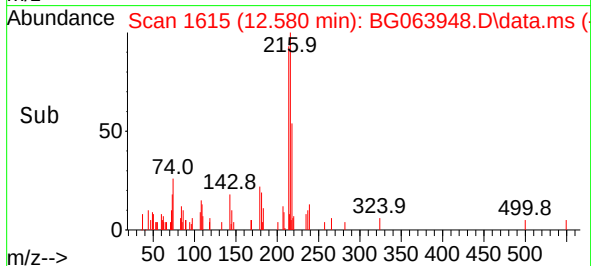
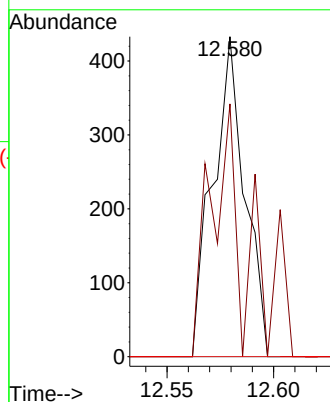
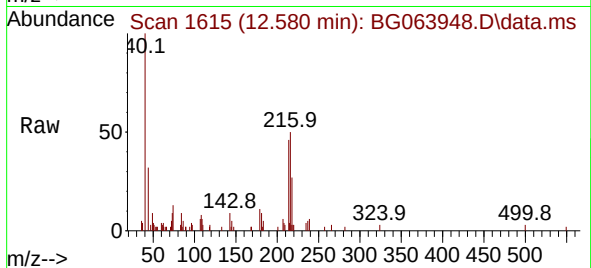
Tgt Ion:237 Resp: 452

Ion Ratio Lower Upper

237 100

235 79.0 39.2 79.2

272 0.0 0.0 31.6



#42

2,4,6-Tribromophenol

Concen: 94.649 ng

RT: 15.917 min Scan# 2183

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

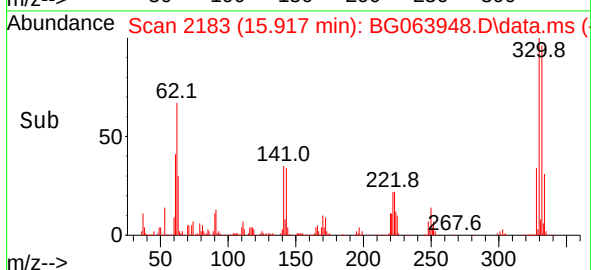
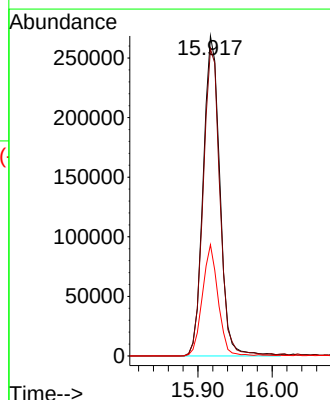
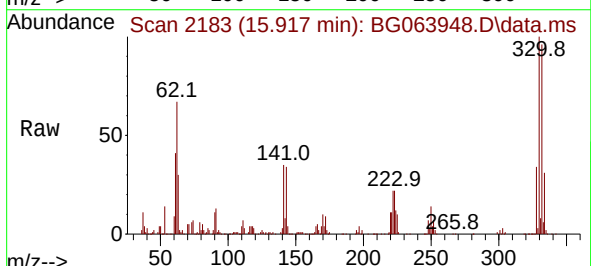
Tgt Ion:330 Resp: 421274

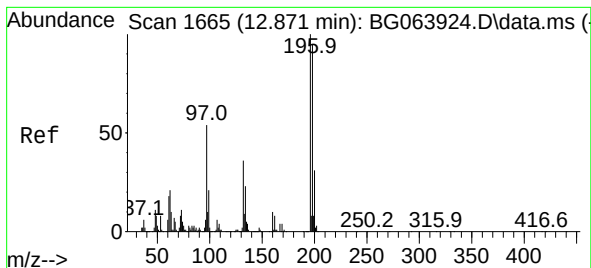
Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

141 32.6 24.4 36.6





#43

2,4,6-Trichlorophenol

Concen: 5.232 ng

RT: 12.856 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

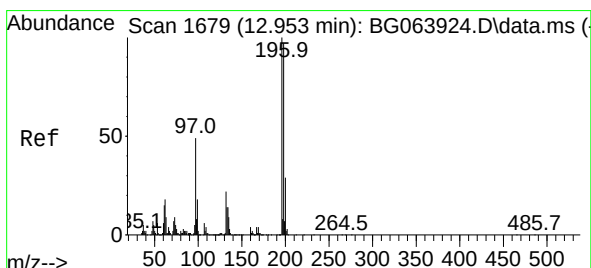
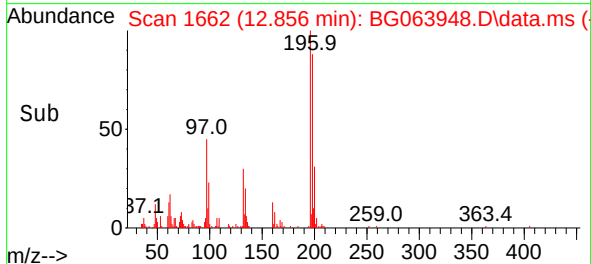
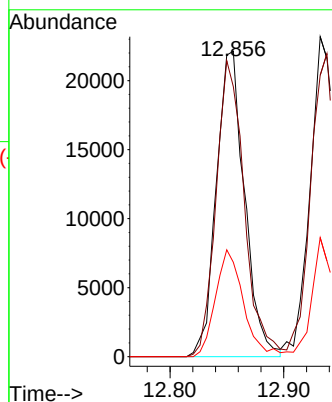
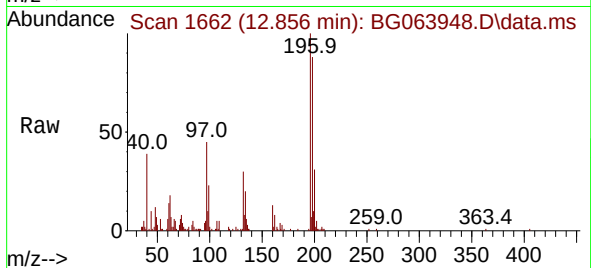
Tgt Ion:196 Resp: 38166

Ion Ratio Lower Upper

196 100

198 88.4 76.3 114.5

200 33.4 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 5.102 ng

RT: 12.932 min Scan# 1675

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Tgt Ion:196 Resp: 41767

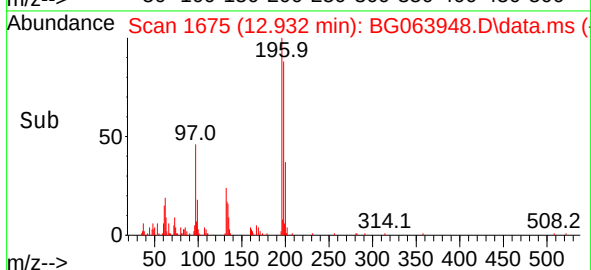
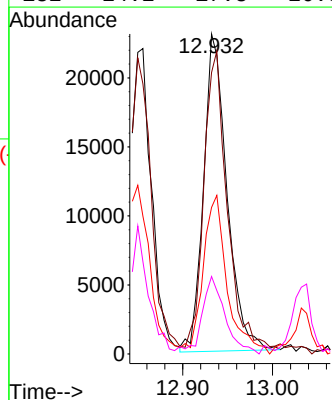
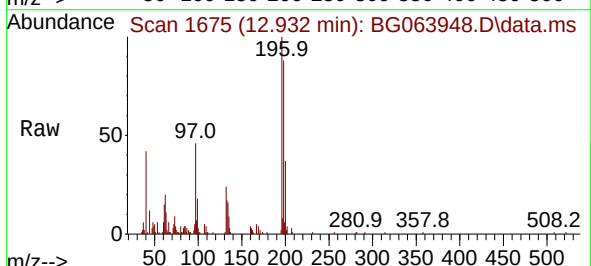
Ion Ratio Lower Upper

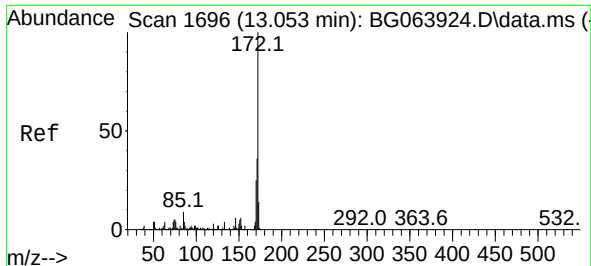
196 100

198 88.0 77.7 116.5

97 45.8 39.5 59.3

132 24.2 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 73.030 ng

RT: 13.032 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

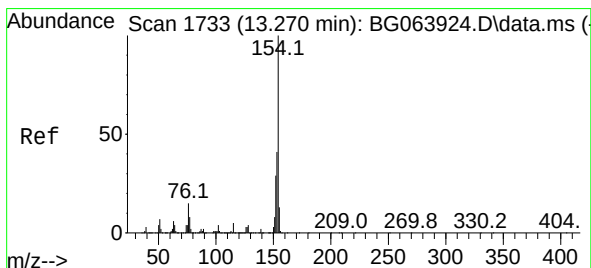
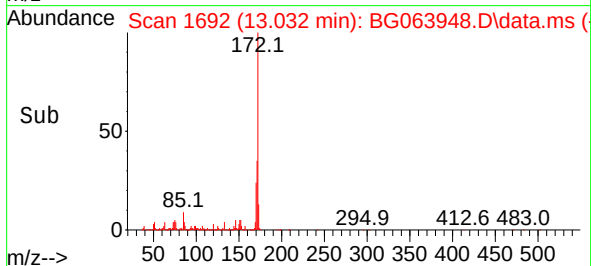
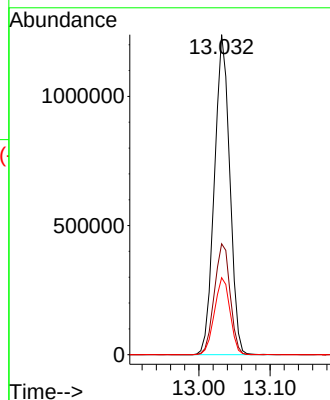
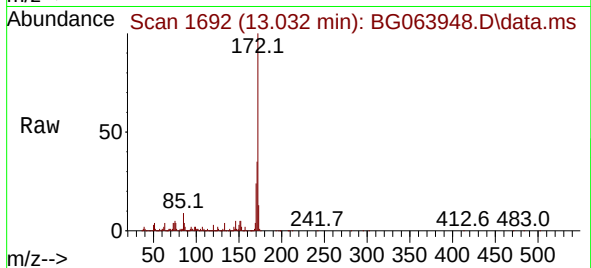
Tgt Ion:172 Resp: 1860668

Ion Ratio Lower Upper

172 100

171 34.6 29.2 43.8

170 24.0 20.1 30.1



#46

1,1'-Biphenyl

Concen: 6.530 ng

RT: 13.243 min Scan# 1728

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

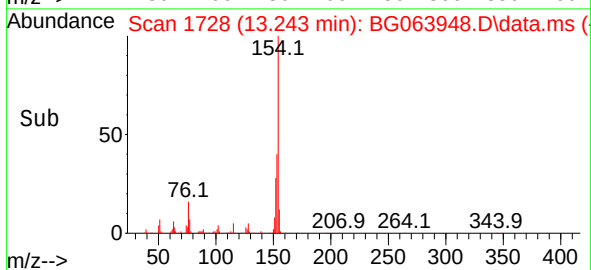
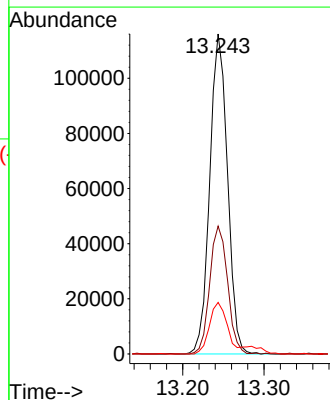
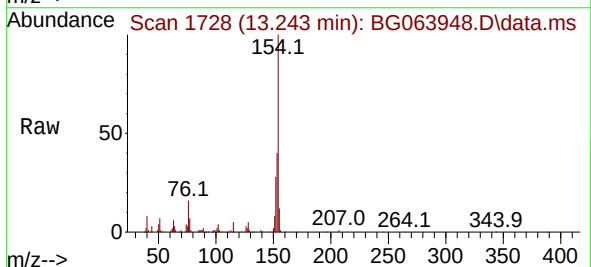
Tgt Ion:154 Resp: 175928

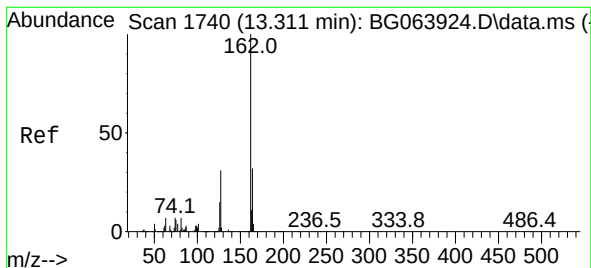
Ion Ratio Lower Upper

154 100

153 40.0 21.4 61.4

76 16.1 0.0 35.0





#47

2-Chloronaphthalene

Concen: 5.866 ng

RT: 13.285 min Scan# 1

Delta R.T. -0.026 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

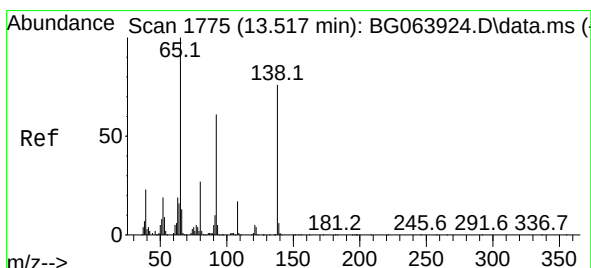
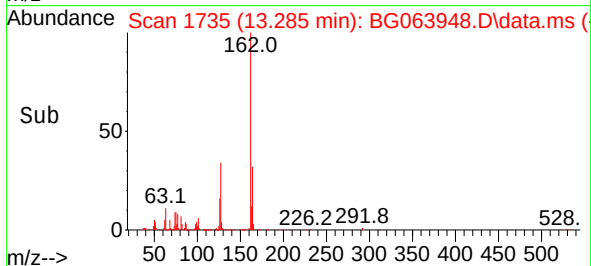
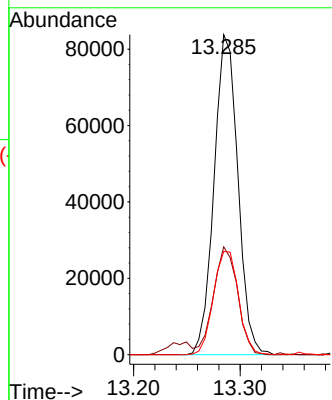
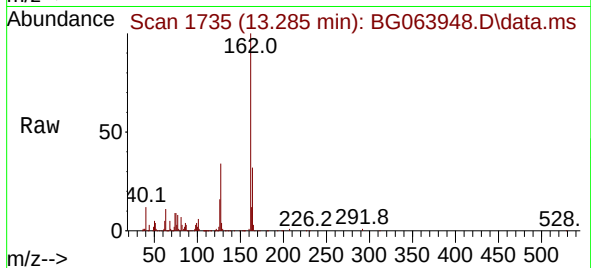
Tgt Ion:162 Resp: 129918

Ion Ratio Lower Upper

162 100

127 33.7 25.6 38.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 4.869 ng

RT: 13.496 min Scan# 1771

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

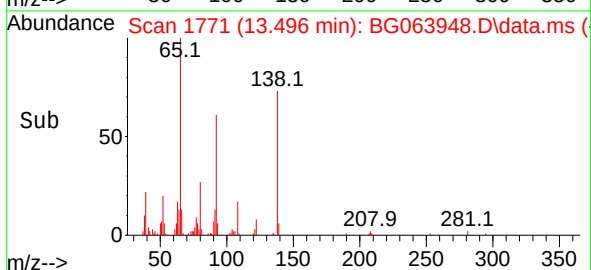
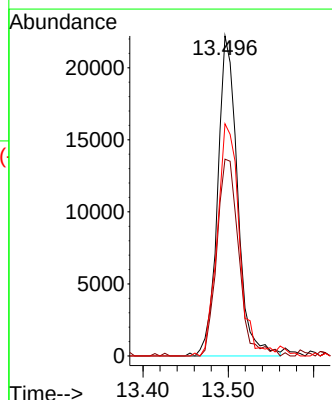
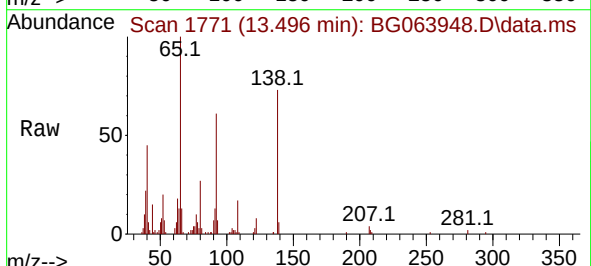
Tgt Ion: 65 Resp: 36083

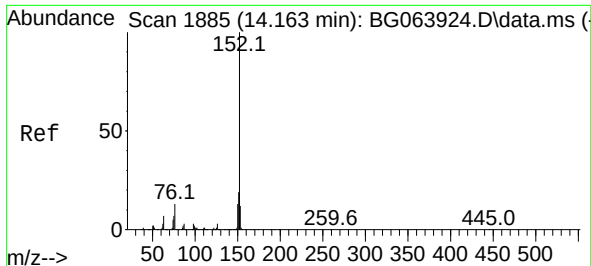
Ion Ratio Lower Upper

65 100

92 61.5 48.9 73.3

138 72.5 61.0 91.6

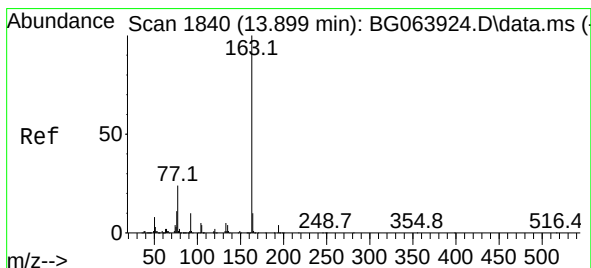
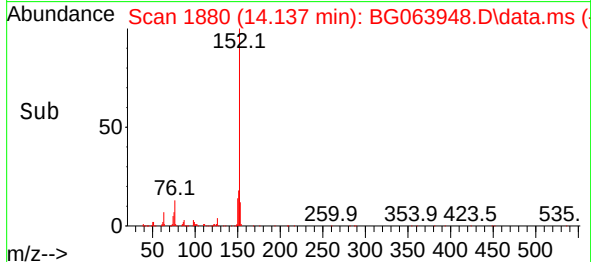
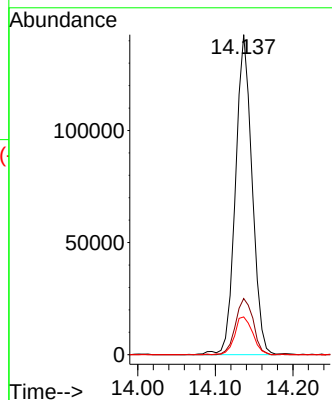
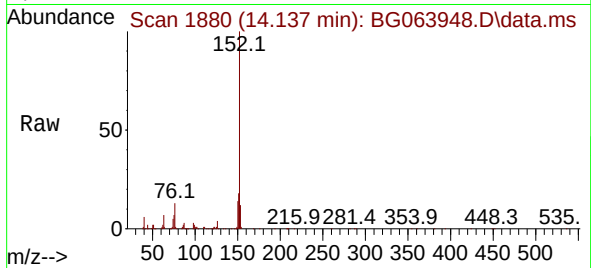




#49
Acenaphthylene
Concen: 6.458 ng
RT: 14.137 min Scan# 1880
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

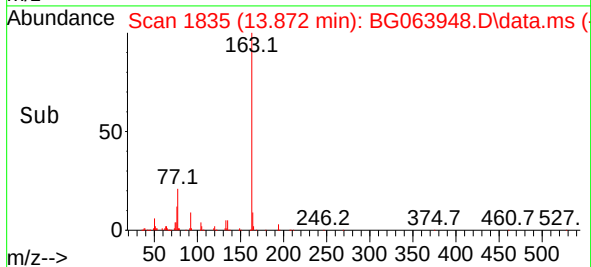
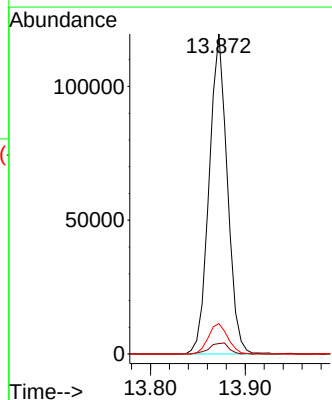
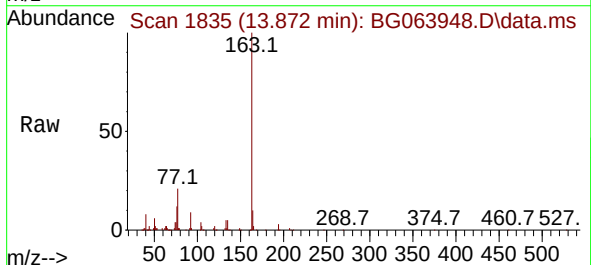
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

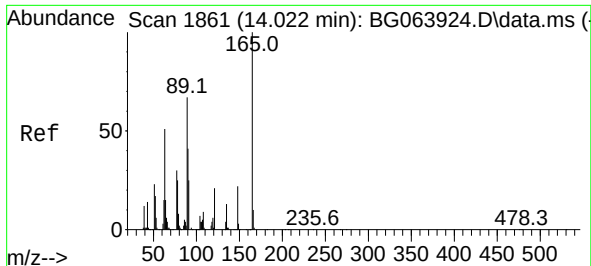
Tgt Ion:152 Resp: 211926
Ion Ratio Lower Upper
152 100
151 17.5 15.5 23.3
153 11.8 9.9 14.9



#50
Dimethylphthalate
Concen: 5.895 ng
RT: 13.872 min Scan# 1835
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:163 Resp: 158924
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.5 7.8 11.8

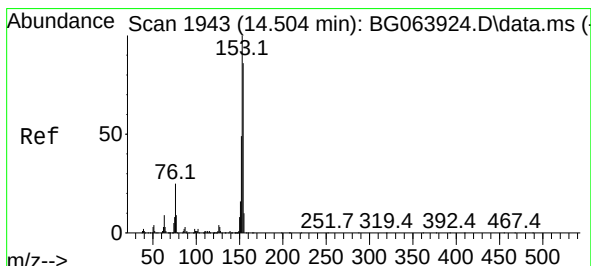
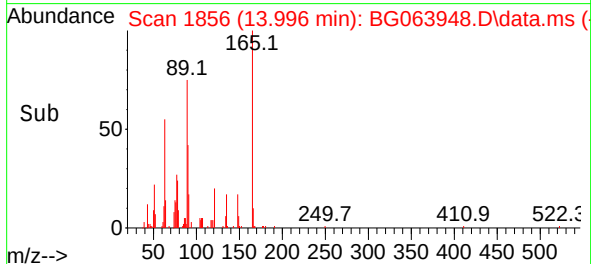
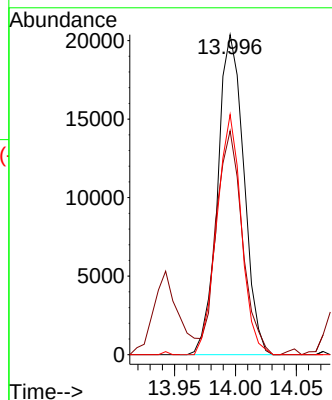
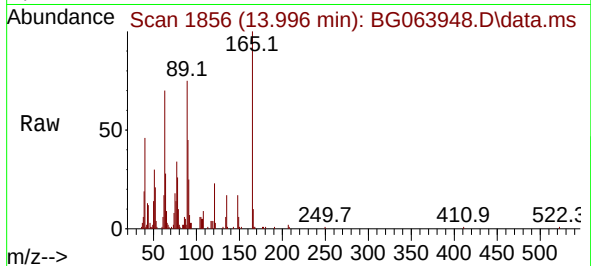




#51
2,6-Dinitrotoluene
Concen: 5.069 ng
RT: 13.996 min Scan# 1856
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

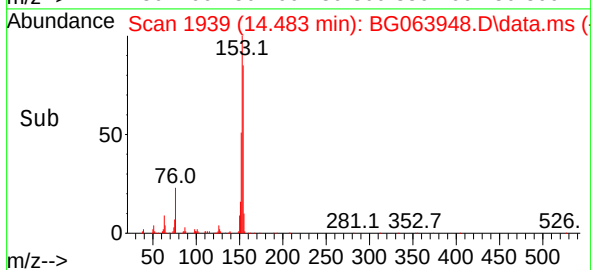
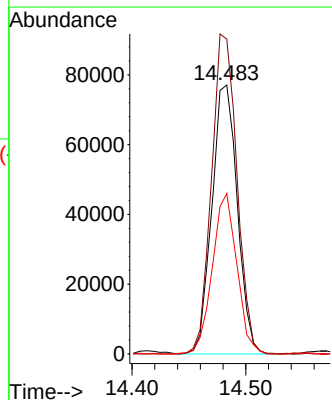
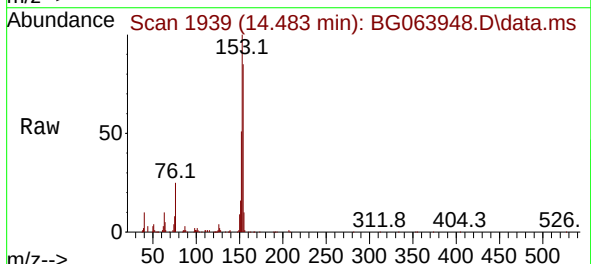
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

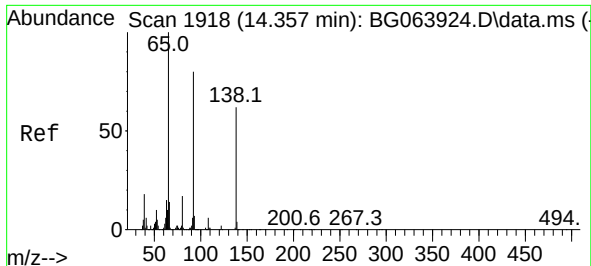
Tgt Ion:165 Resp: 30440
Ion Ratio Lower Upper
165 100
63 69.9 53.9 80.9
89 75.1 53.8 80.8



#52
Acenaphthene
Concen: 5.973 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:154 Resp: 119839
Ion Ratio Lower Upper
154 100
153 117.1 93.4 140.0
152 59.6 46.1 69.1





#53

3-Nitroaniline

Concen: 5.123 ng

RT: 14.330 min Scan# 1

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

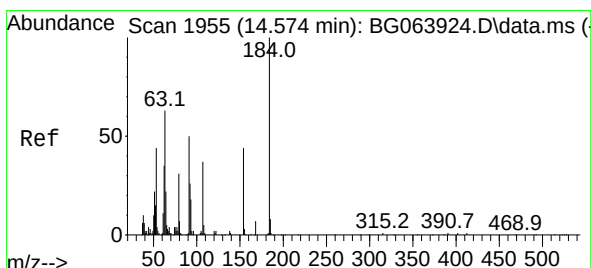
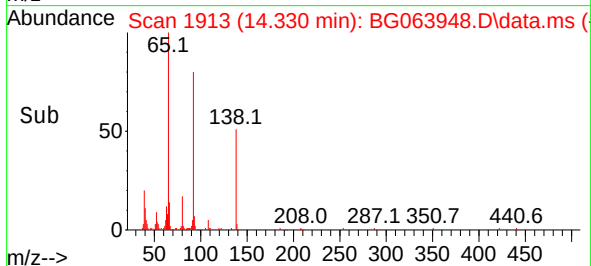
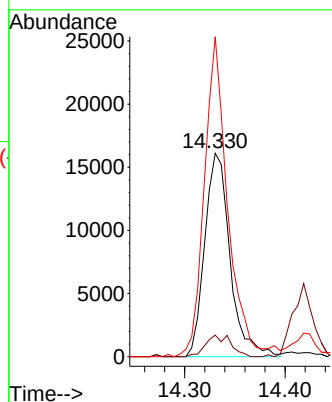
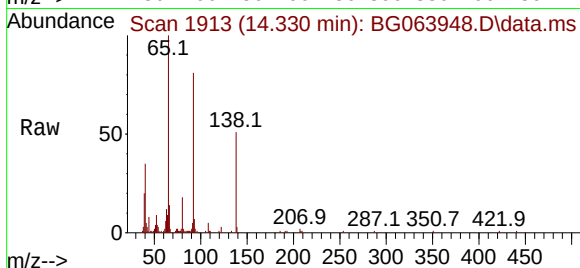
Tgt Ion:138 Resp: 28226

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.8

92 157.3 104.2 156.2#



#54

2,4-Dinitrophenol

Concen: 8.671 ng

RT: 14.565 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

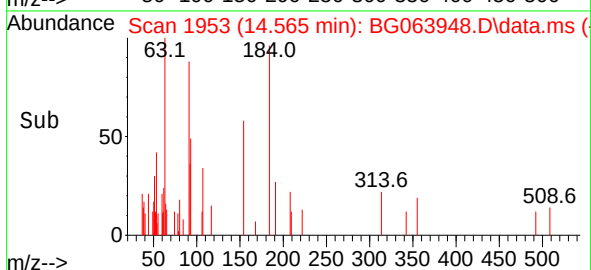
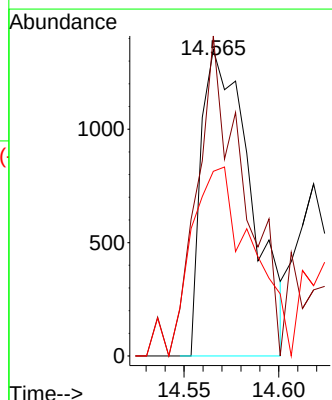
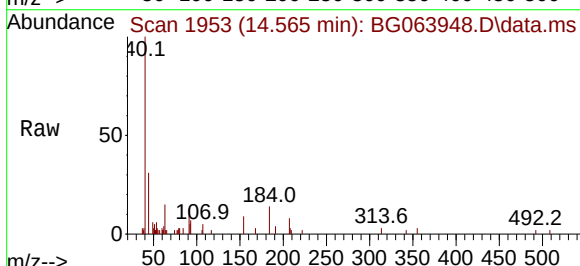
Tgt Ion:184 Resp: 2448

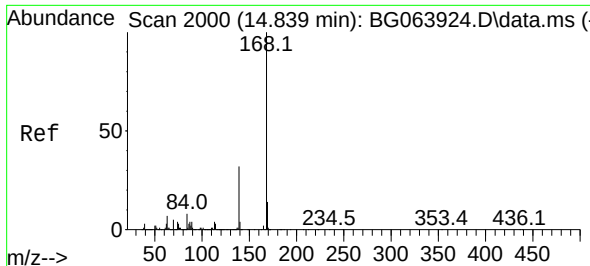
Ion Ratio Lower Upper

184 100

63 104.4 50.8 76.2#

154 60.3 44.2 66.2

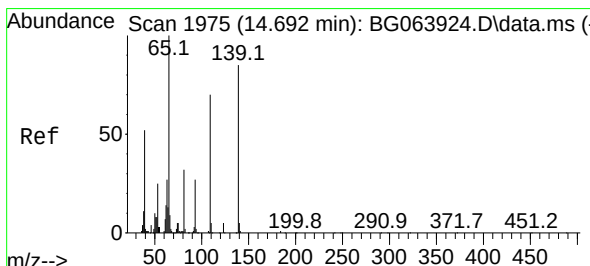
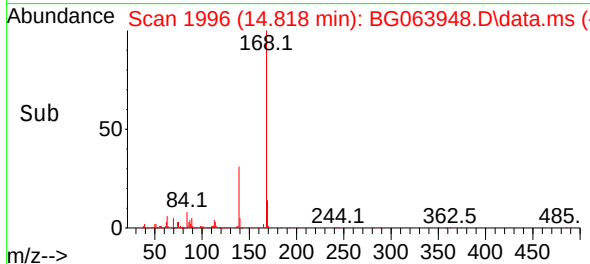
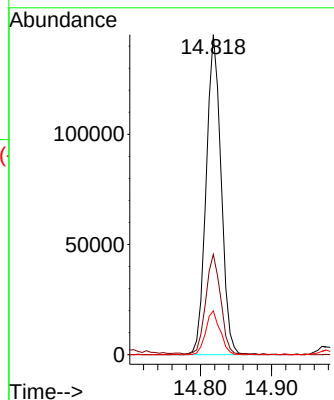
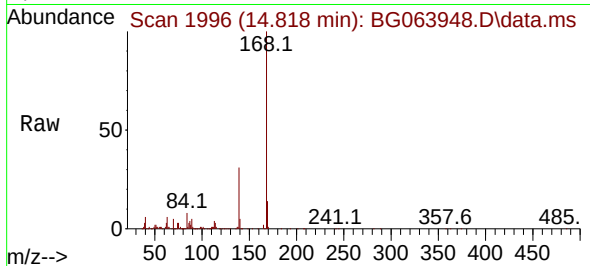




#55
Dibenzenofuran
Concen: 6.087 ng
RT: 14.818 min Scan# 1996
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

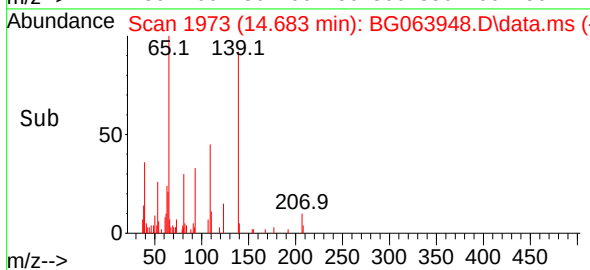
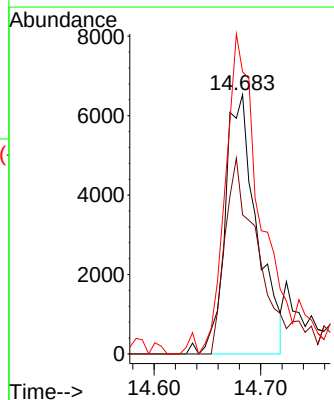
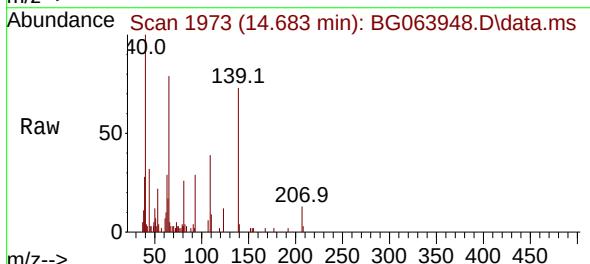
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

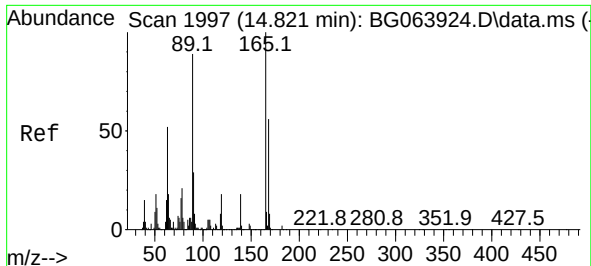
Tgt Ion:168 Resp: 212002
Ion Ratio Lower Upper
168 100
139 31.4 26.0 39.0
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 3.549 ng
RT: 14.683 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:139 Resp: 13408
Ion Ratio Lower Upper
139 100
109 53.6 62.8 102.8#
65 108.8 98.2 138.2

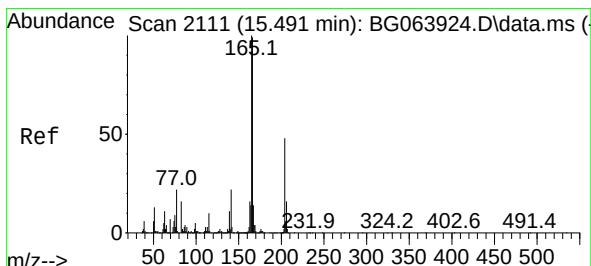
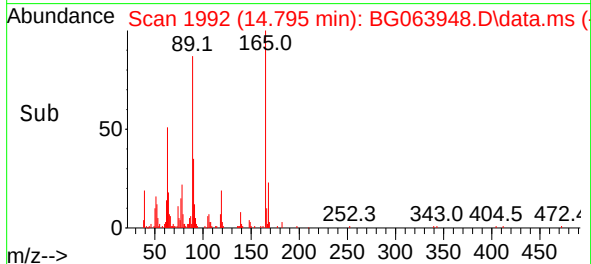
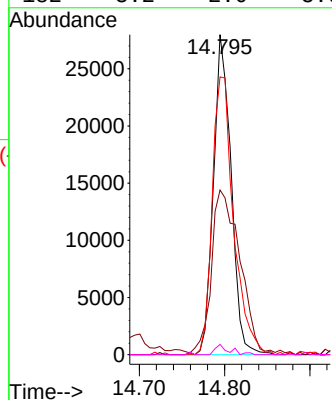
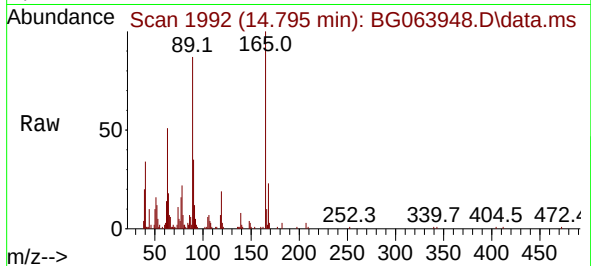




#57
2,4-Dinitrotoluene
Concen: 4.774 ng
RT: 14.795 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

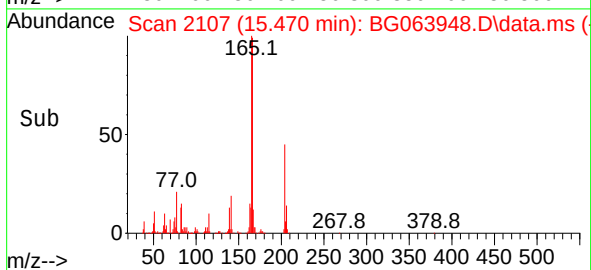
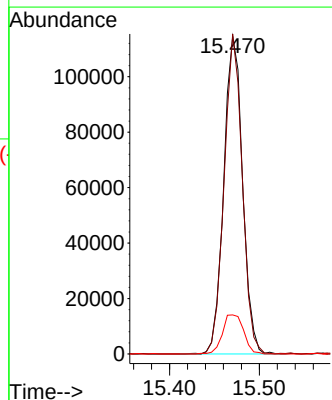
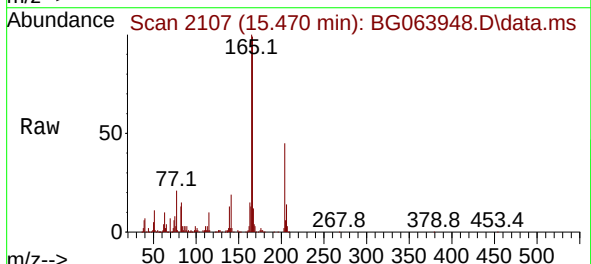
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

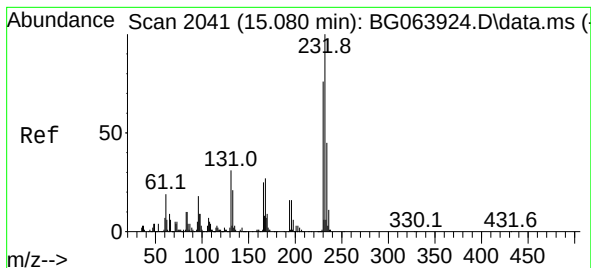
Tgt Ion:165 Resp: 40249
Ion Ratio Lower Upper
165 100
63 51.4 41.6 62.4
89 86.8 71.0 106.6
182 3.2 2.0 3.0#



#58
Fluorene
Concen: 6.148 ng
RT: 15.470 min Scan# 2107
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:166 Resp: 166379
Ion Ratio Lower Upper
166 100
165 100.8 81.2 121.8
167 12.3 11.2 16.8

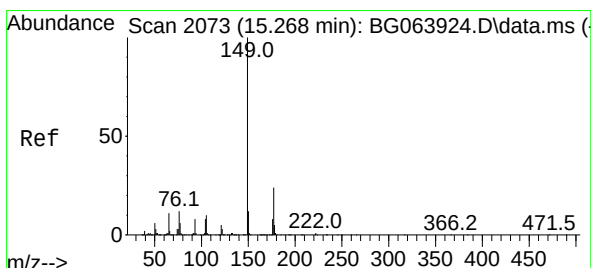
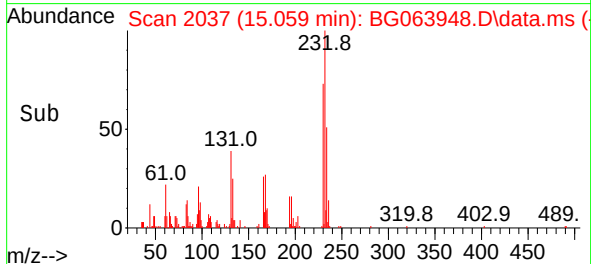
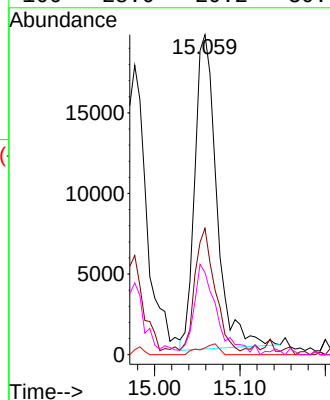
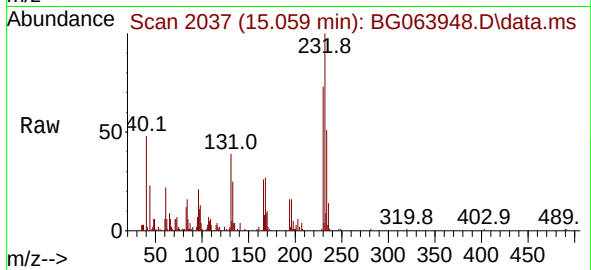




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.789 ng
RT: 15.059 min Scan# 2041
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

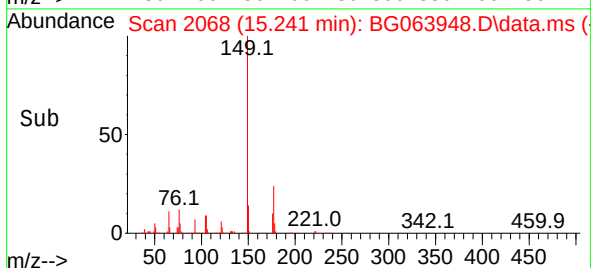
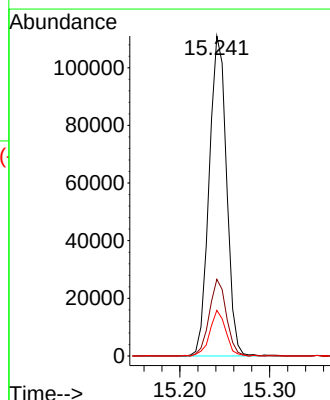
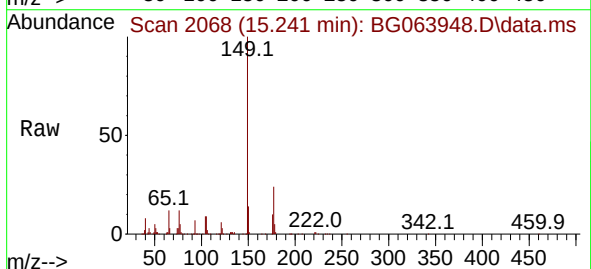
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2024

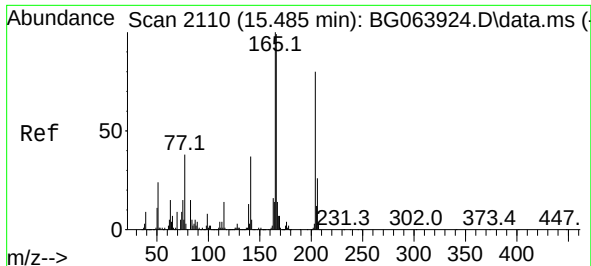
Tgt Ion:232 Resp: 34592
Ion Ratio Lower Upper
232 100
131 38.9 25.8 38.6#
130 3.0 1.5 2.3#
166 28.0 20.2 30.4



#60
Diethylphthalate
Concen: 5.605 ng
RT: 15.241 min Scan# 2068
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:149 Resp: 148934
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 14.2 9.8 14.8

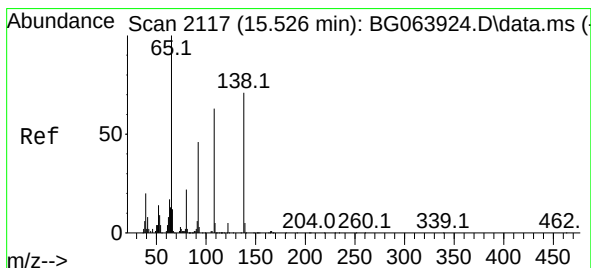
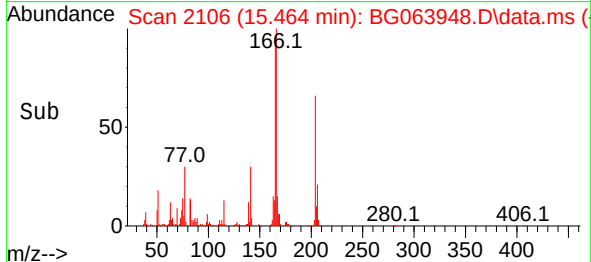
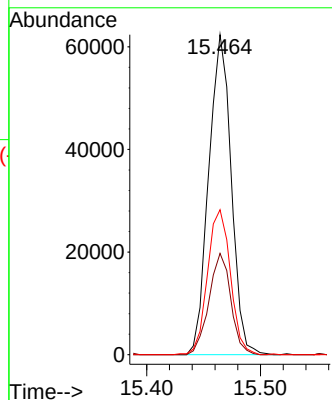
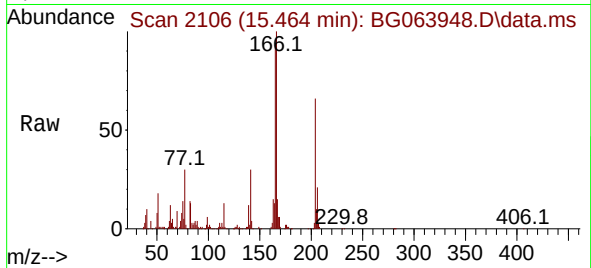




#61
4-Chlorophenyl-phenylether
Concen: 5.848 ng
RT: 15.464 min Scan# 2110
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

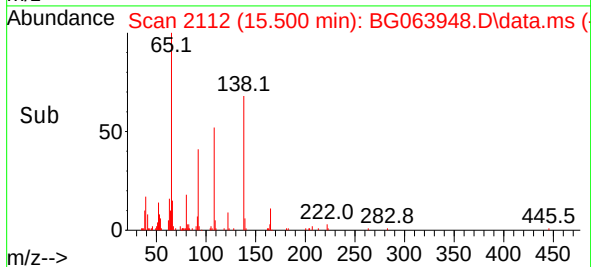
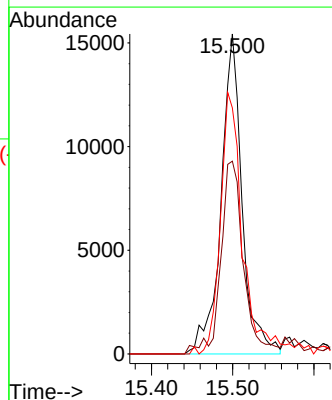
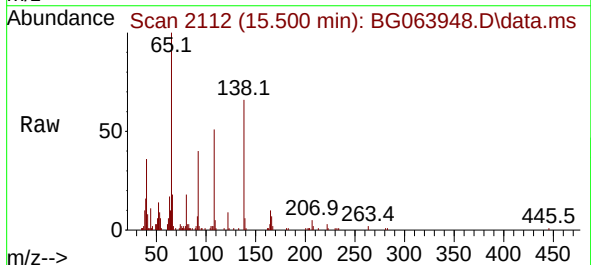
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

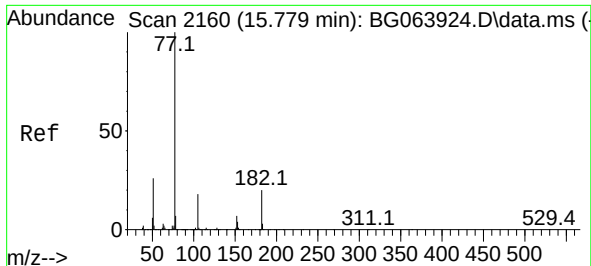
Tgt Ion:204 Resp: 85797
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 45.3 36.6 55.0



#62
4-Nitroaniline
Concen: 4.864 ng
RT: 15.500 min Scan# 2112
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:138 Resp: 27856
Ion Ratio Lower Upper
138 100
92 60.2 43.9 83.9
108 76.9 68.3 108.3

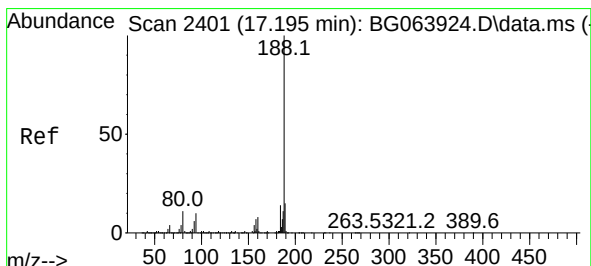
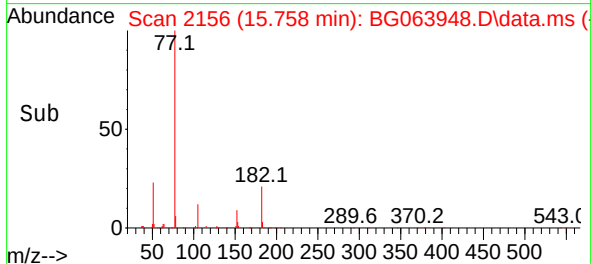
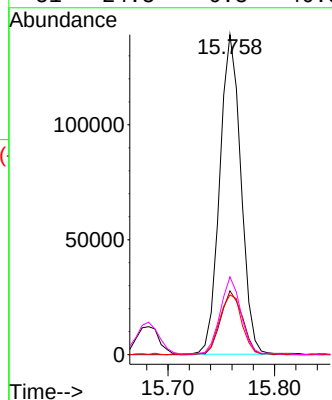
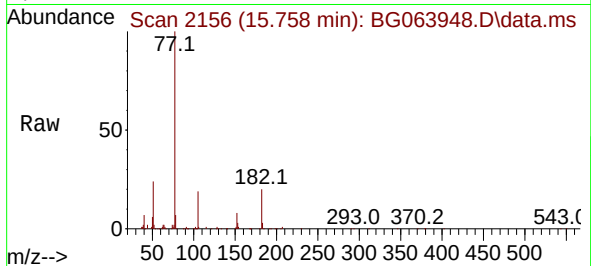




#63
Azobenzene
Concen: 5.691 ng
RT: 15.758 min Scan# 2160
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

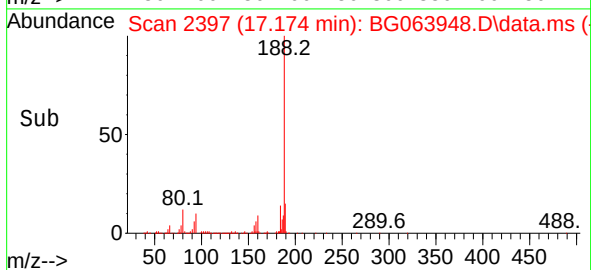
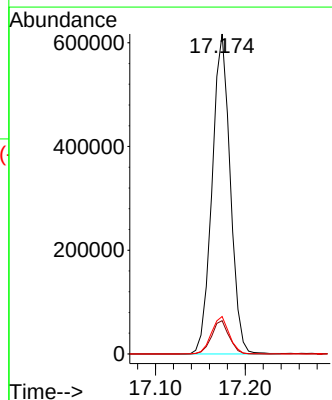
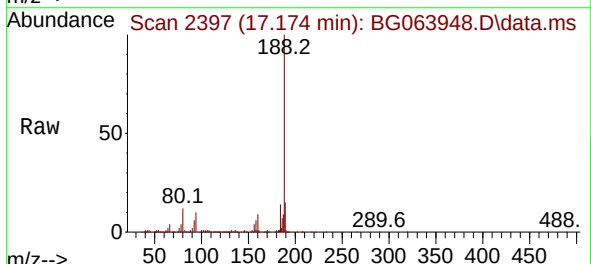
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

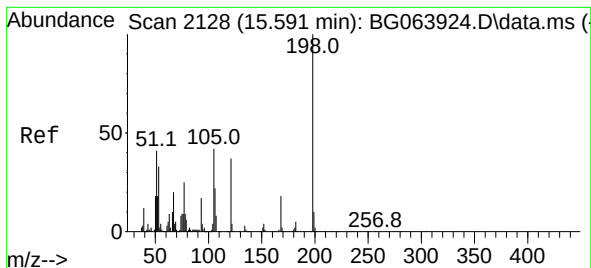
Tgt Ion: 77	Resp: 191313
Ion Ratio	Lower Upper
77 100	
182 20.0	0.2 40.2
105 18.7	0.0 37.9
51 24.3	6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2397
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:188	Resp: 865565
Ion Ratio	Lower Upper
188 100	
94 10.4	8.4 12.6
80 11.7	9.1 13.7

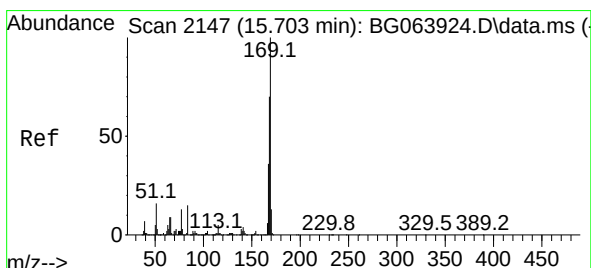
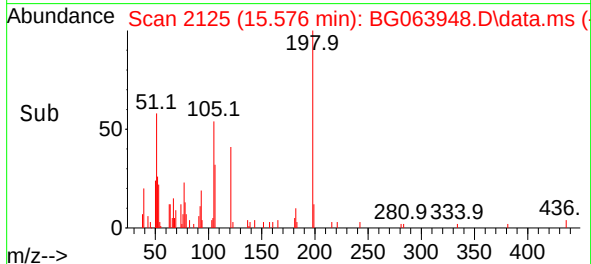
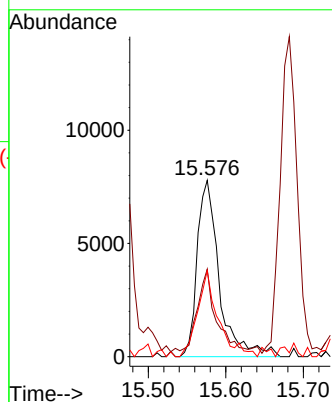
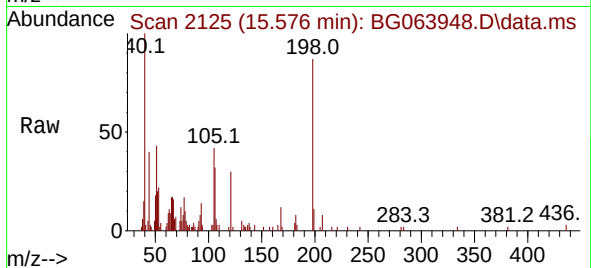




#65
4,6-Dinitro-2-methylphenol
Concen: 3.422 ng
RT: 15.576 min Scan# 2125
Delta R.T. -0.015 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

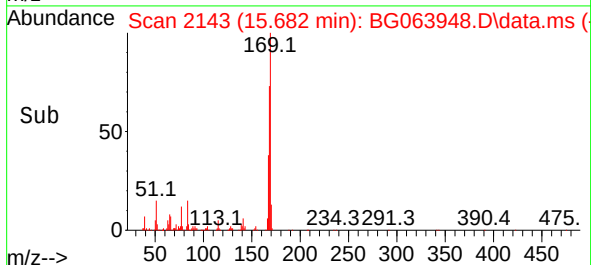
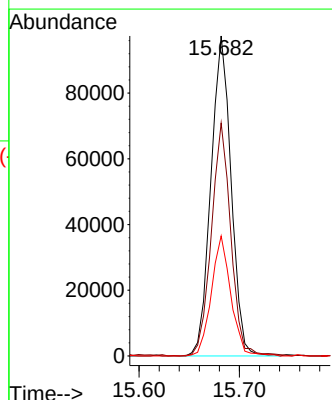
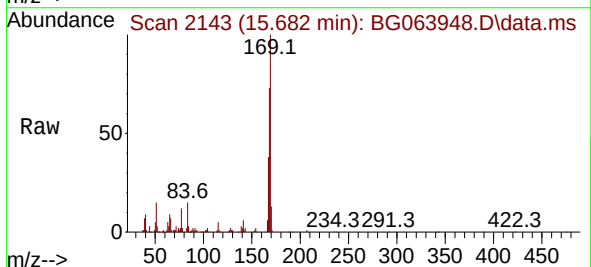
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

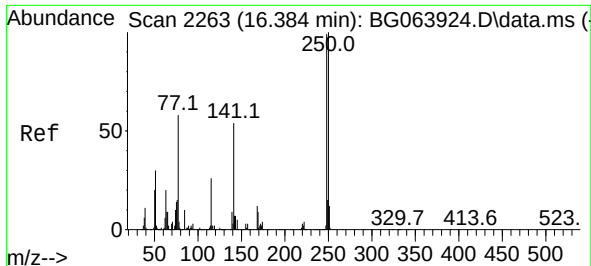
Tgt Ion:198 Resp: 15445
Ion Ratio Lower Upper
198 100
51 49.6 22.5 62.5
105 48.8 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 6.035 ng
RT: 15.682 min Scan# 2143
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:169 Resp: 136044
Ion Ratio Lower Upper
169 100
168 72.8 56.2 84.2
167 37.5 29.2 43.8

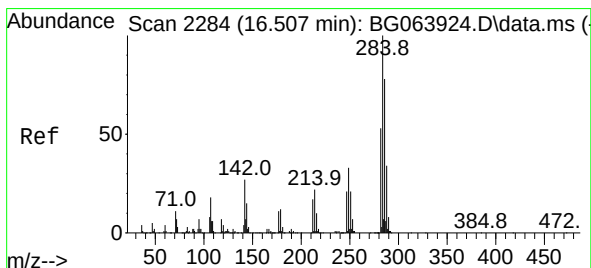
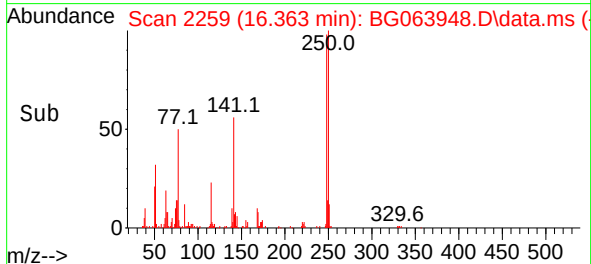
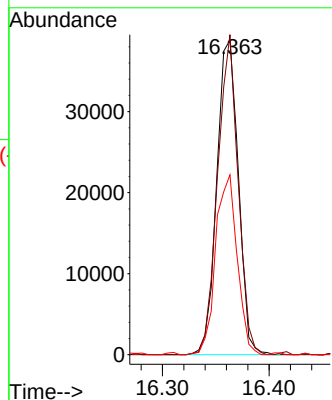
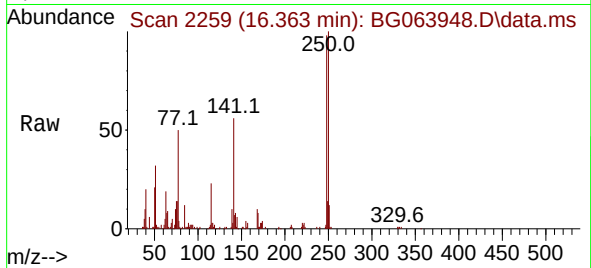




#67
4-Bromophenyl-phenylether
Concen: 5.691 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

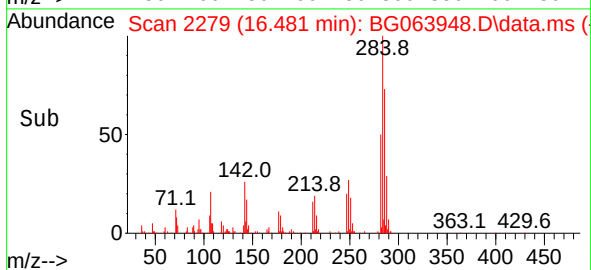
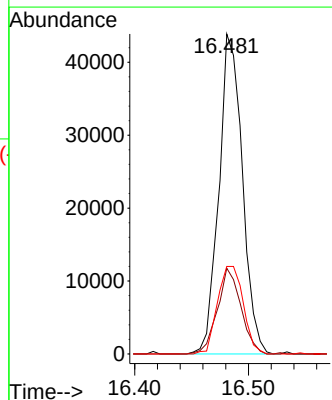
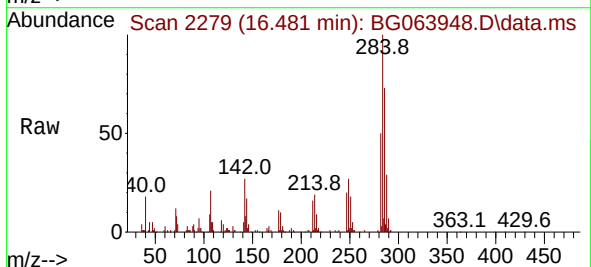
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

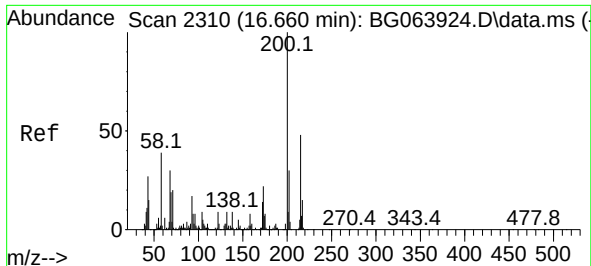
Tgt Ion:248 Resp: 54454
Ion Ratio Lower Upper
248 100
250 101.7 80.7 121.1
141 57.2 43.3 64.9



#68
Hexachlorobenzene
Concen: 5.755 ng
RT: 16.481 min Scan# 2279
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:284 Resp: 62863
Ion Ratio Lower Upper
284 100
142 26.8 22.0 33.0
249 27.3 26.2 39.2





#69

Atrazine

Concen: 7.230 ng

RT: 16.634 min Scan# 2305

Delta R.T. -0.026 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

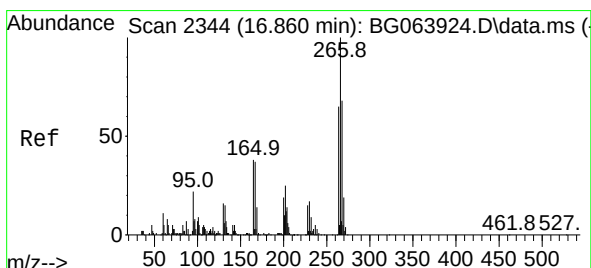
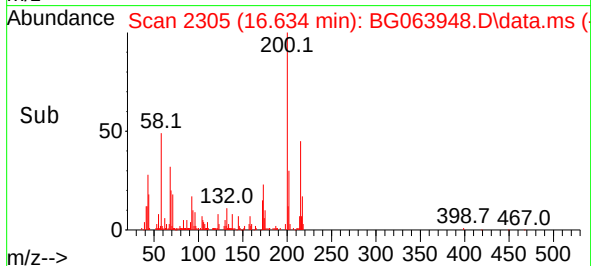
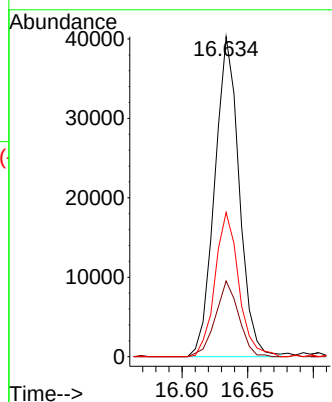
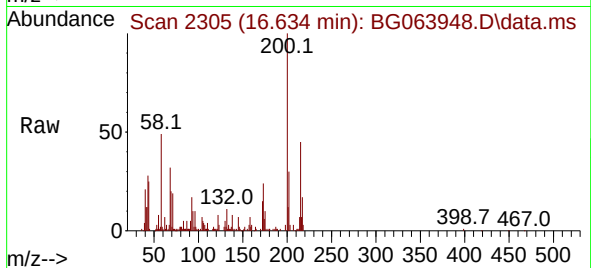
Tgt Ion:200 Resp: 52243

Ion Ratio Lower Upper

200 100

173 23.6 2.4 42.4

215 45.1 27.6 67.6



#70

Pentachlorophenol

Concen: 2.951 ng

RT: 16.845 min Scan# 2341

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

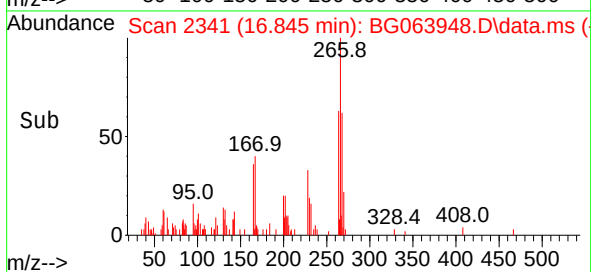
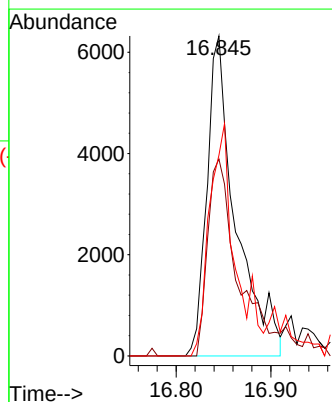
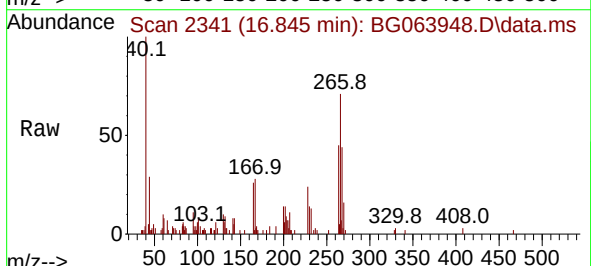
Tgt Ion:266 Resp: 13373

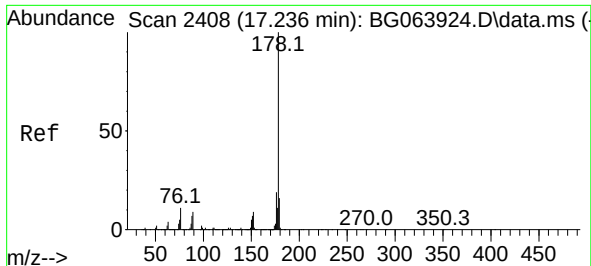
Ion Ratio Lower Upper

266 100

268 61.5 54.5 81.7

264 62.7 52.2 78.4

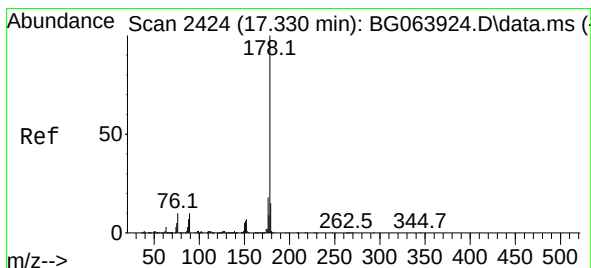
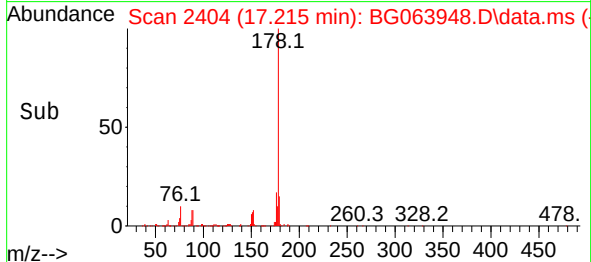
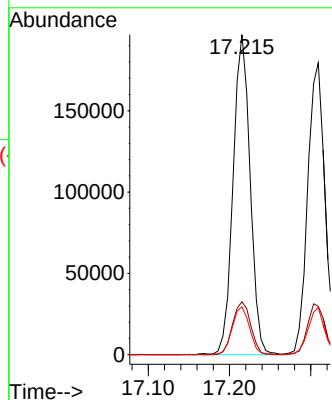
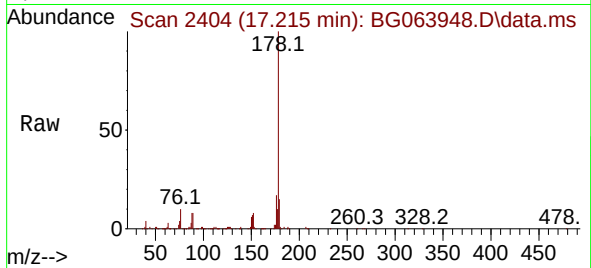




#71
Phenanthrene
Concen: 6.356 ng
RT: 17.215 min Scan# 2404
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

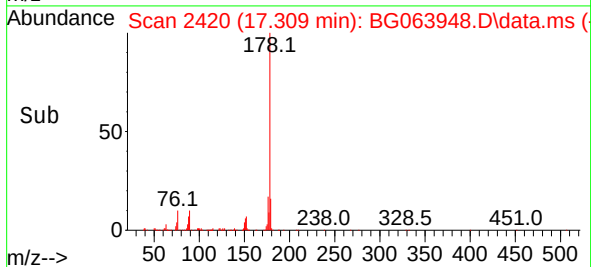
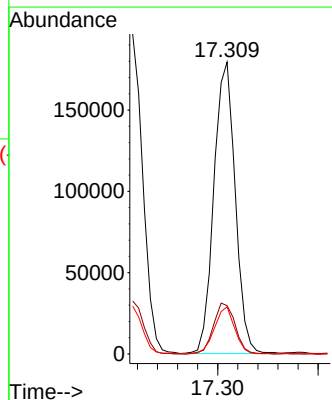
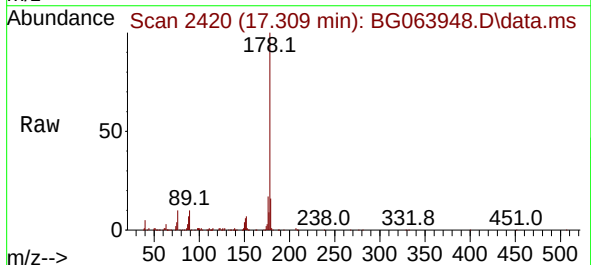
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

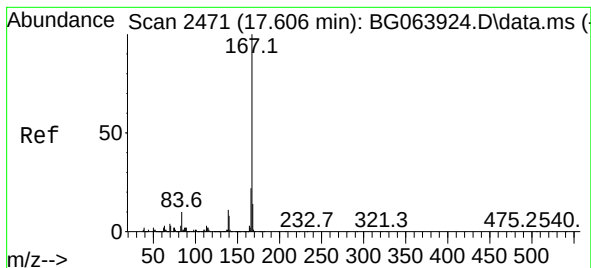
Tgt Ion:178 Resp: 286156
Ion Ratio Lower Upper
178 100
176 16.5 15.0 22.4
179 15.0 12.5 18.7



#72
Anthracene
Concen: 6.025 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:178 Resp: 264069
Ion Ratio Lower Upper
178 100
176 16.6 14.5 21.7
179 16.2 12.1 18.1





#73

Carbazole

Concen: 6.117 ng

RT: 17.580 min Scan# 2471

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

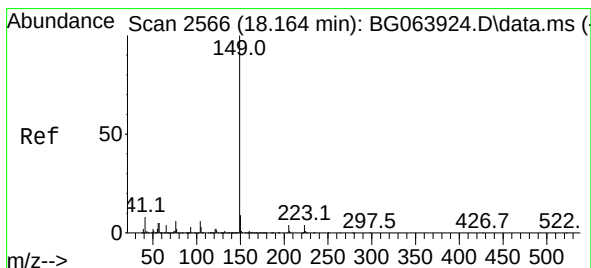
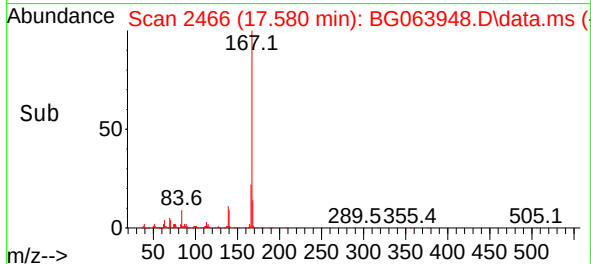
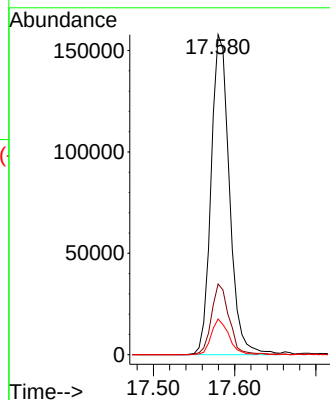
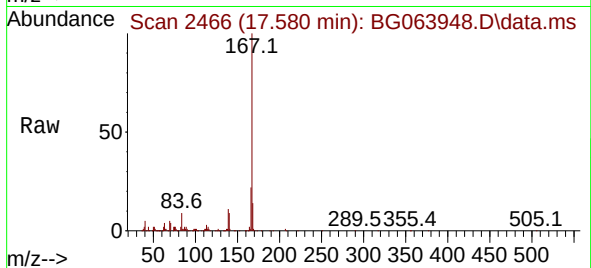
Tgt Ion:167 Resp: 247571

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 11.2 9.0 13.6



#74

Di-n-butylphthalate

Concen: 5.540 ng

RT: 18.144 min Scan# 2562

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

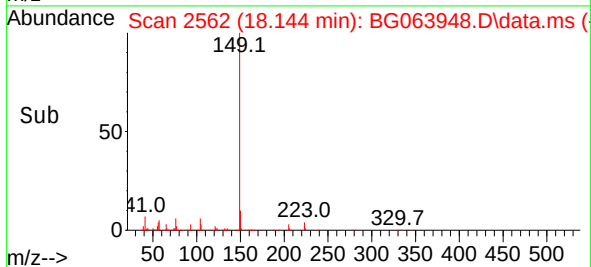
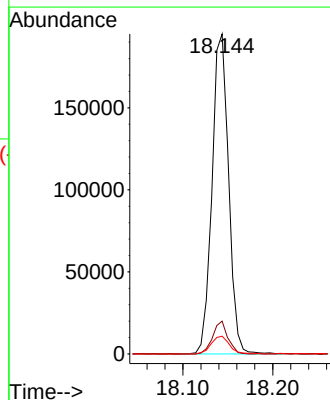
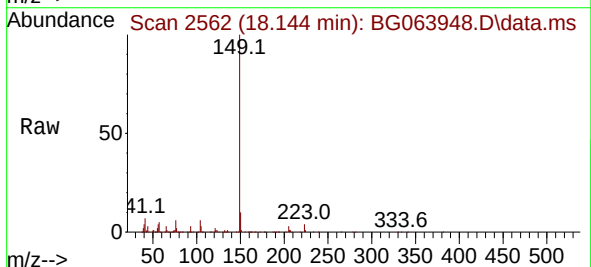
Tgt Ion:149 Resp: 249874

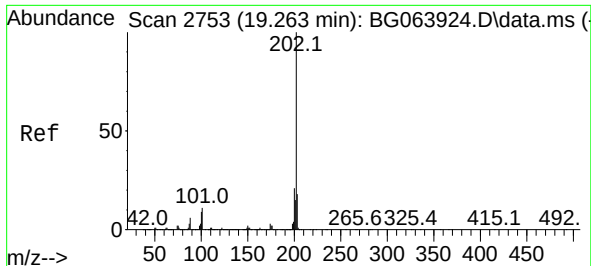
Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.0

104 5.6 4.9 7.3

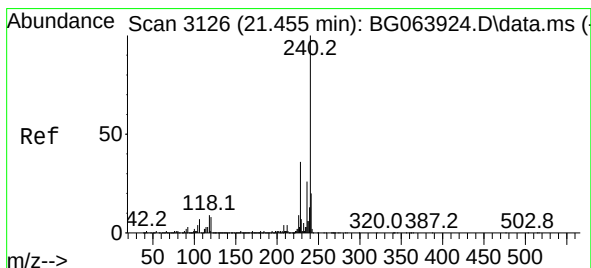
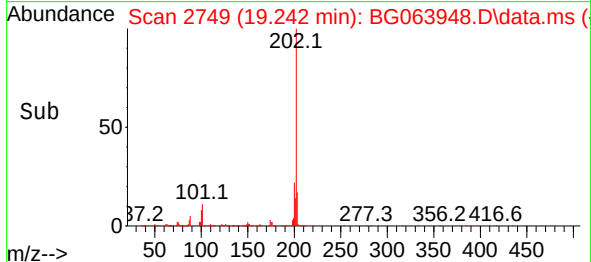
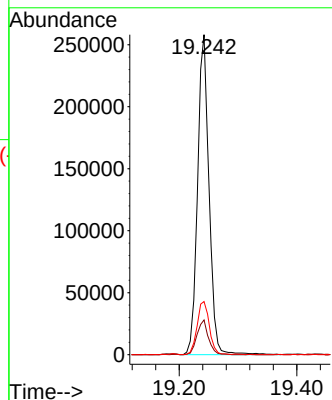
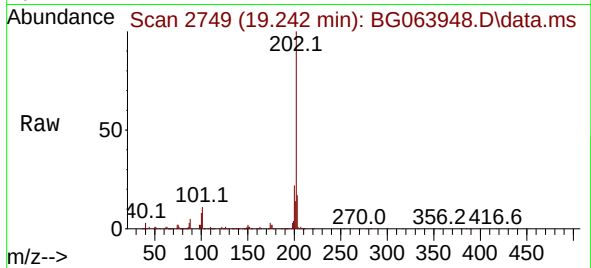




#75
Fluoranthene
Concen: 6.122 ng
RT: 19.242 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

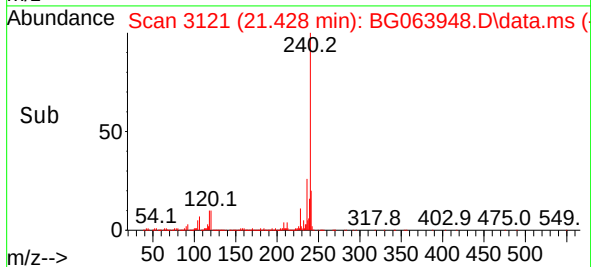
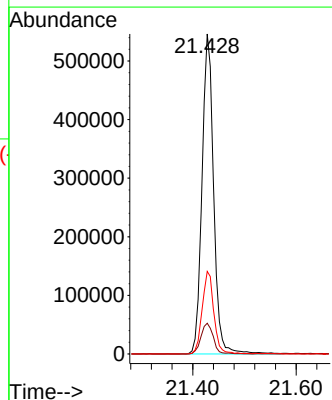
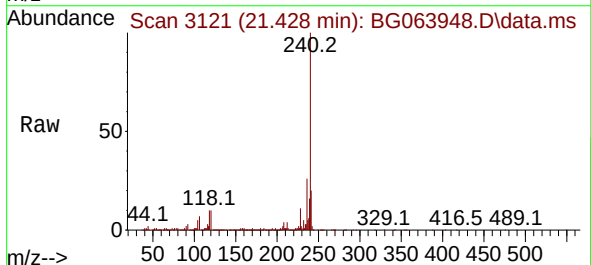
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

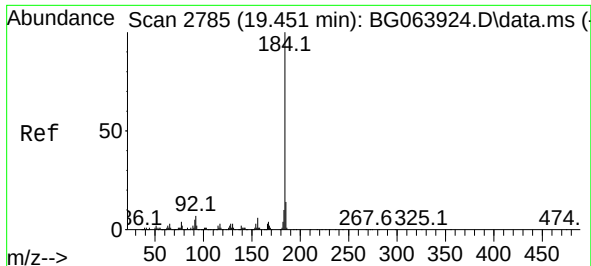
Tgt Ion:202 Resp: 347844
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 16.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:240 Resp: 852123
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 25.8 21.2 31.8

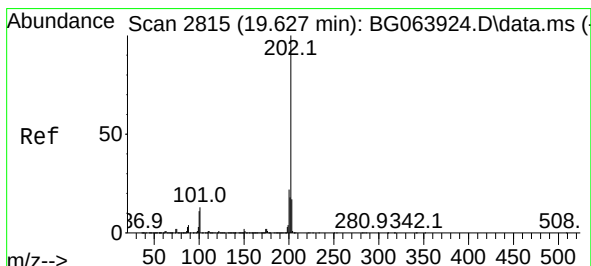
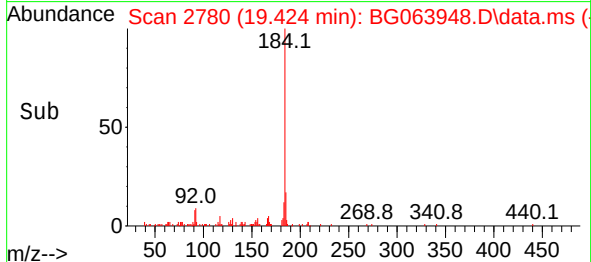
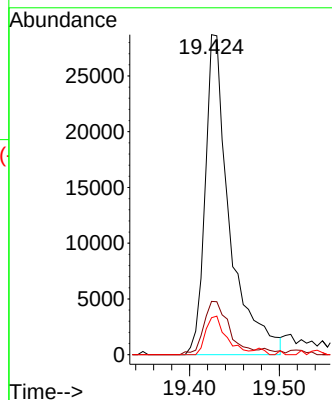
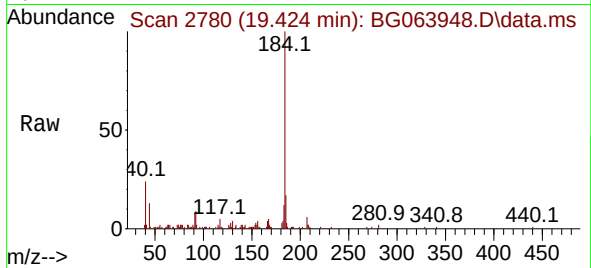




#77
Benzidine
Concen: 4.556 ng
RT: 19.424 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

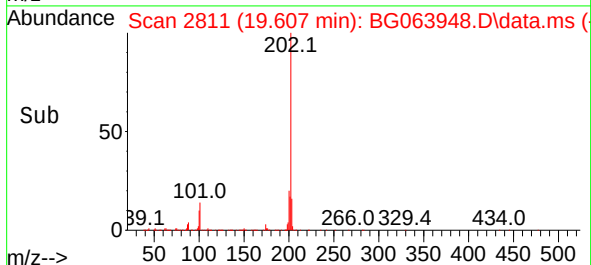
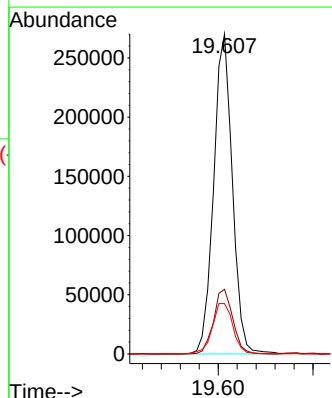
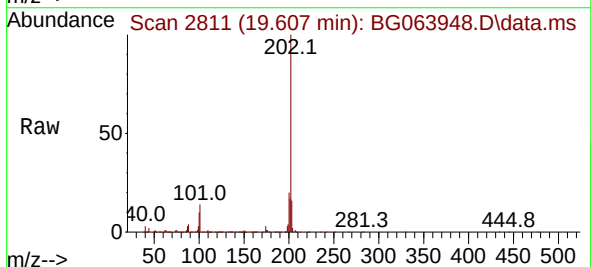
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

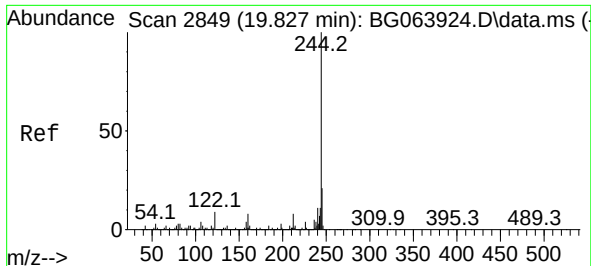
Tgt Ion:184 Resp: 54326
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.2
183 11.6 8.4 12.6



#78
Pyrene
Concen: 6.329 ng
RT: 19.607 min Scan# 2811
Delta R.T. -0.021 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:202 Resp: 369945
Ion Ratio Lower Upper
202 100
200 20.2 17.3 25.9
203 15.8 13.9 20.9

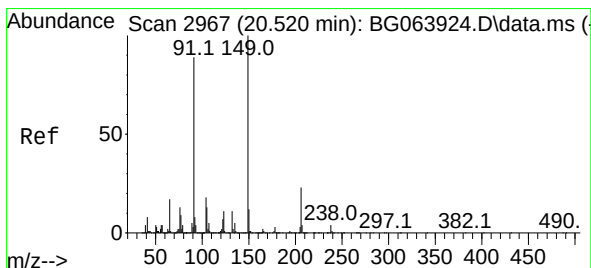
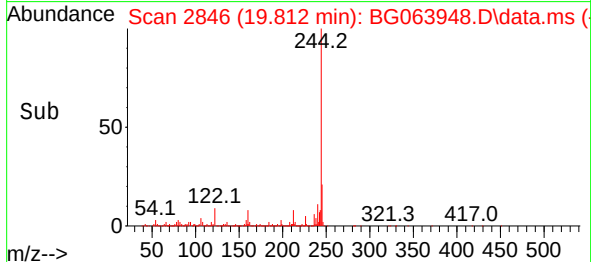
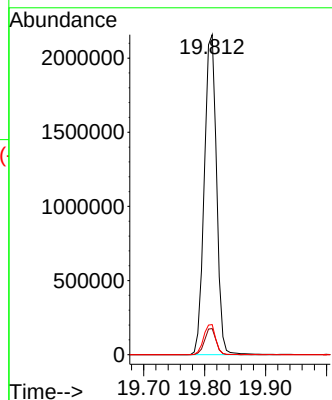
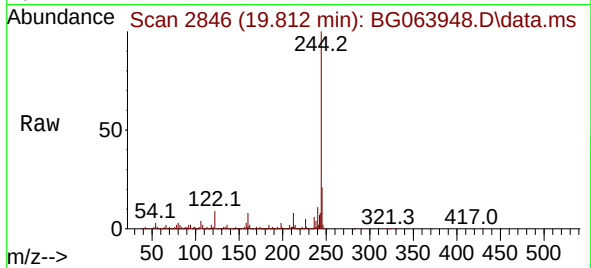




#79
 Terphenyl-d14
 Concen: 70.126 ng
 RT: 19.812 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG063948.D
 Acq: 10 Jan 2025 12:48

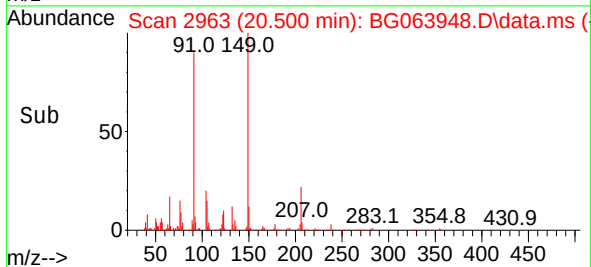
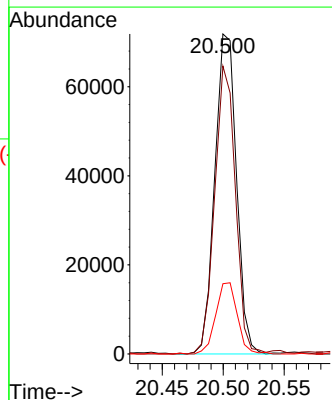
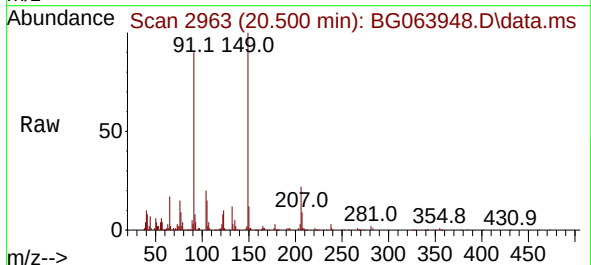
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

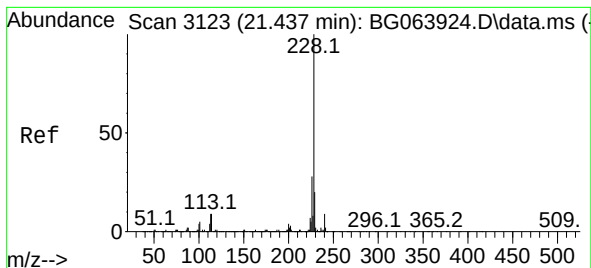
Tgt Ion:244 Resp: 3009555
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 9.4 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 4.938 ng
 RT: 20.500 min Scan# 2963
 Delta R.T. -0.021 min
 Lab File: BG063948.D
 Acq: 10 Jan 2025 12:48

Tgt Ion:149 Resp: 89045
 Ion Ratio Lower Upper
 149 100
 91 89.9 71.4 107.0
 206 22.0 18.7 28.1





#81

Benzo(a)anthracene

Concen: 6.185 ng

RT: 21.410 min Scan# 3118

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

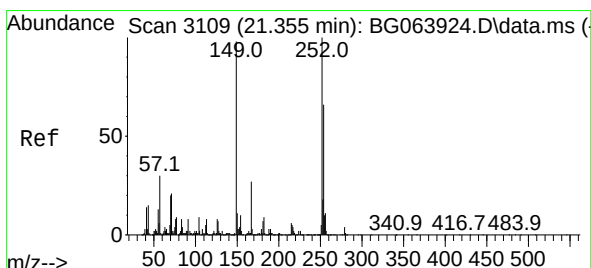
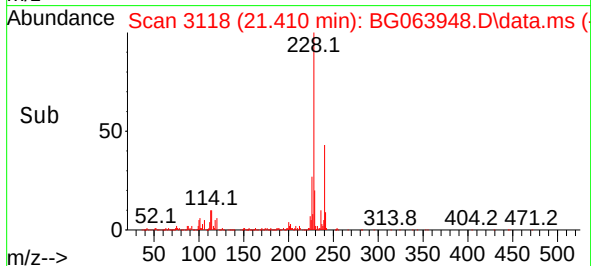
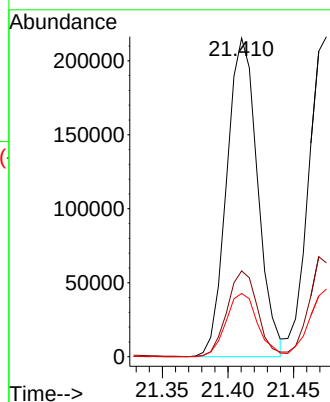
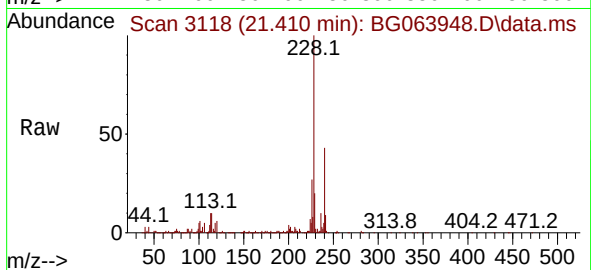
Tgt Ion:228 Resp: 352545

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 5.361 ng

RT: 21.334 min Scan# 3105

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

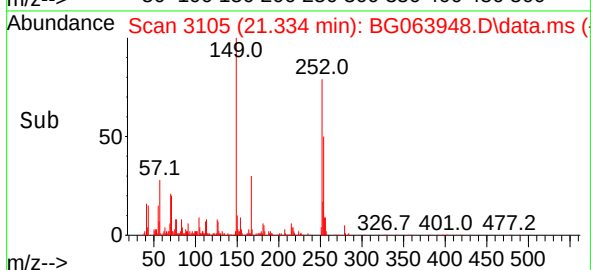
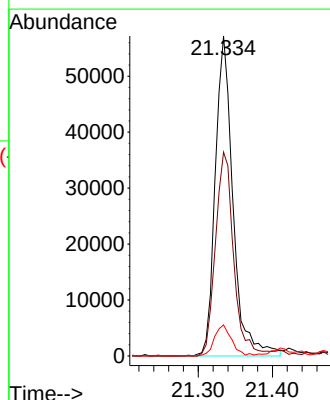
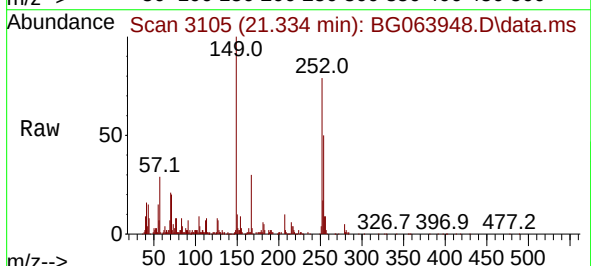
Tgt Ion:252 Resp: 94932

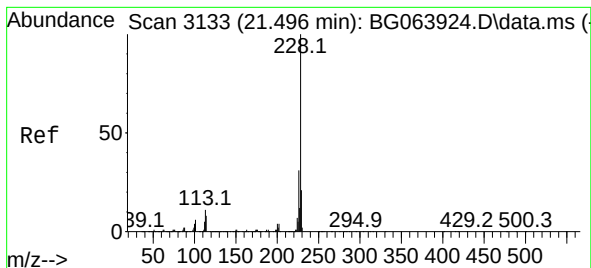
Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

126 9.7 6.2 9.2#





#83

Chrysene

Concen: 6.349 ng

RT: 21.475 min Scan# 3129

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

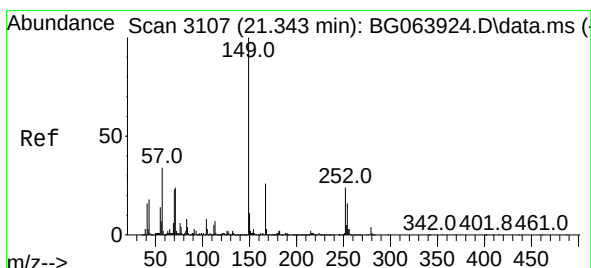
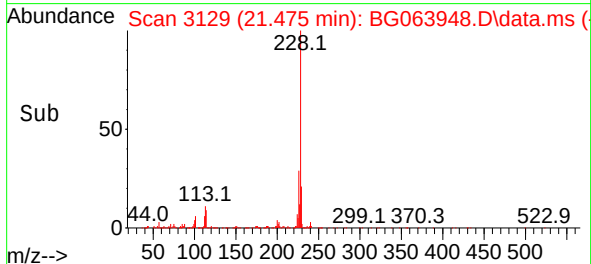
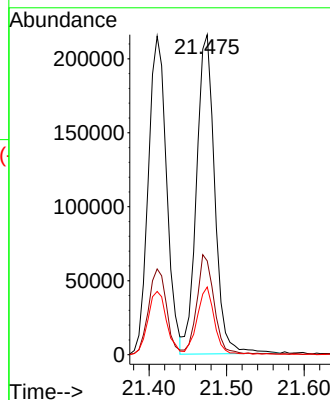
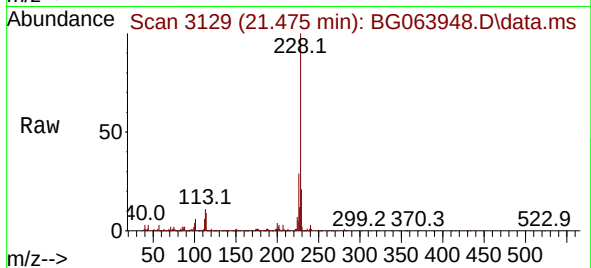
Tgt Ion:228 Resp: 351409

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

229 21.2 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.335 ng

RT: 21.328 min Scan# 3104

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

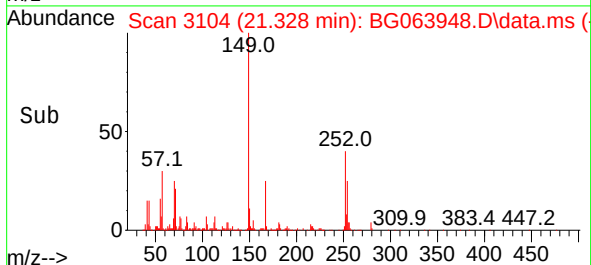
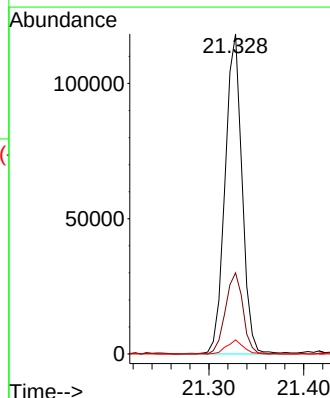
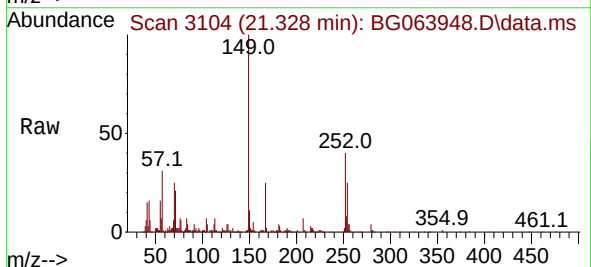
Tgt Ion:149 Resp: 147101

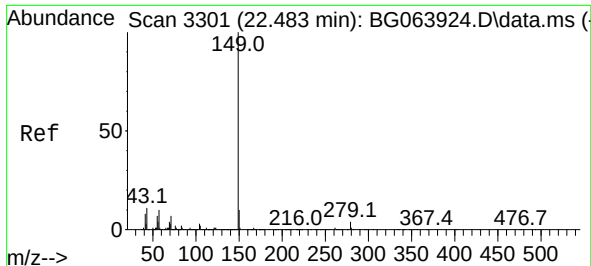
Ion Ratio Lower Upper

149 100

167 25.3 20.6 31.0

279 4.4 2.9 4.3#

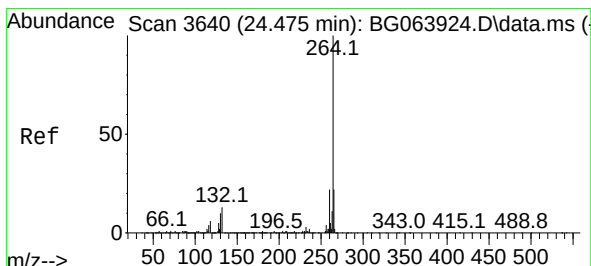
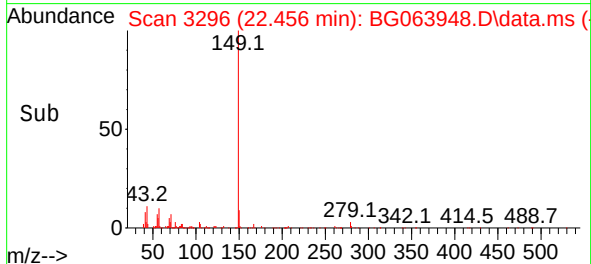
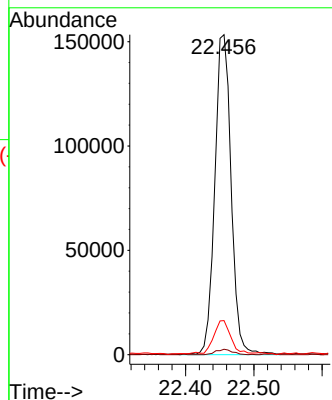
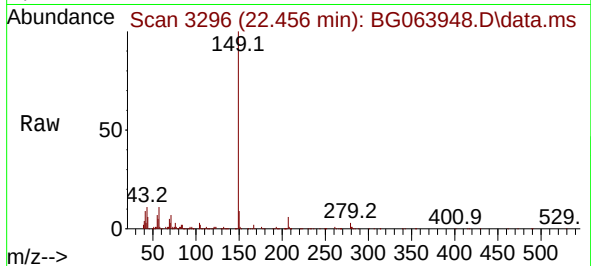




#85
Di-n-octyl phthalate
Concen: 5.321 ng
RT: 22.456 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

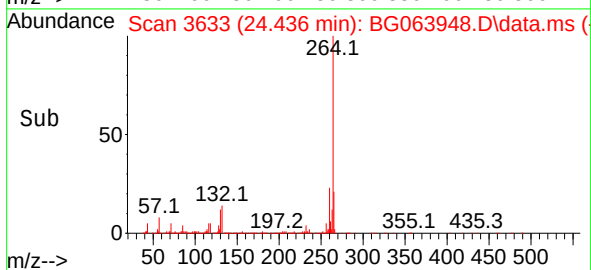
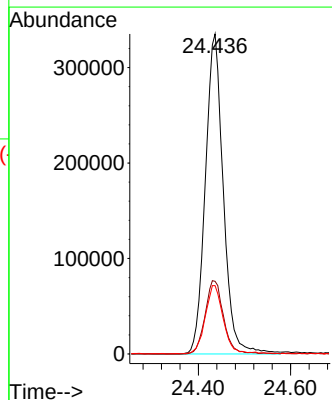
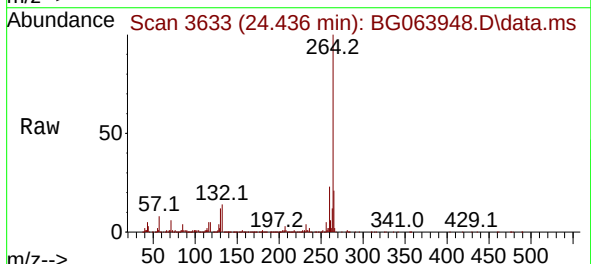
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

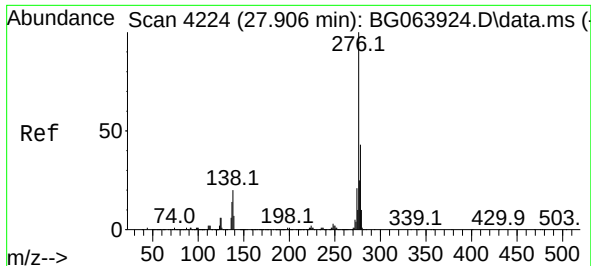
Tgt Ion:149 Resp: 255600
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.436 min Scan# 3633
Delta R.T. -0.038 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:264 Resp: 909776
Ion Ratio Lower Upper
264 100
260 22.7 17.4 26.0
265 21.4 17.8 26.6

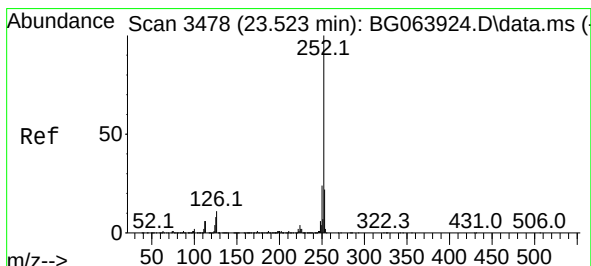
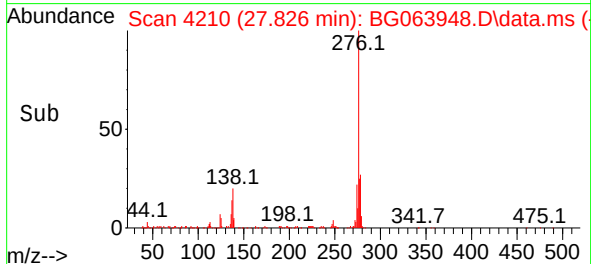
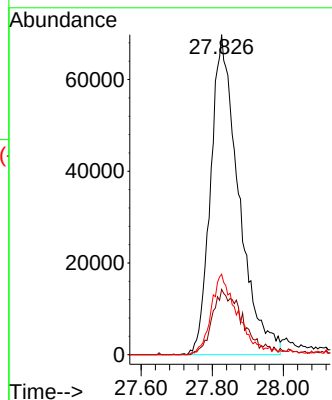
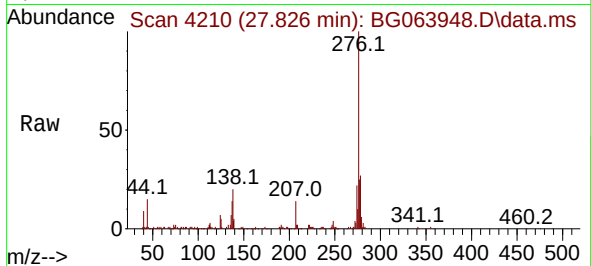




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.039 ng
 RT: 27.826 min Scan# 41
 Delta R.T. -0.079 min
 Lab File: BG063948.D
 Acq: 10 Jan 2025 12:48

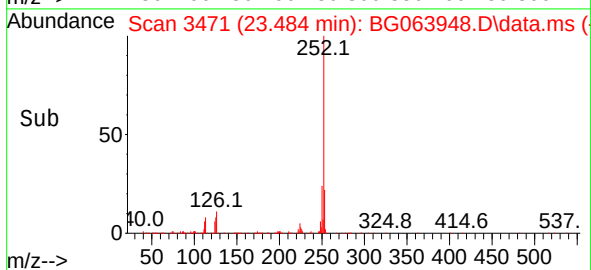
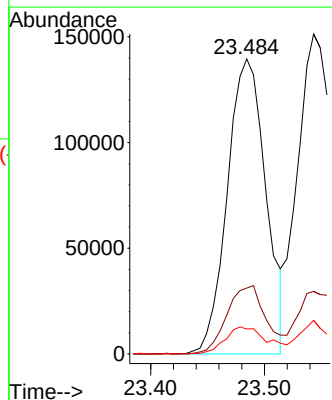
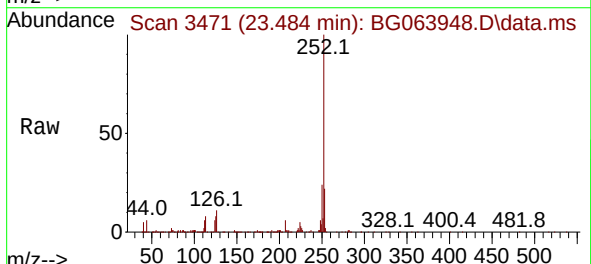
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

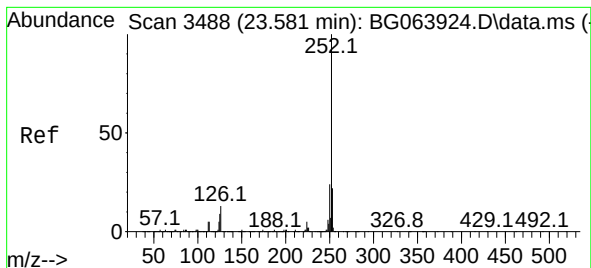
Tgt Ion:276 Resp: 381528
 Ion Ratio Lower Upper
 276 100
 138 21.4 17.4 26.2
 277 24.4 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 5.782 ng
 RT: 23.484 min Scan# 3471
 Delta R.T. -0.038 min
 Lab File: BG063948.D
 Acq: 10 Jan 2025 12:48

Tgt Ion:252 Resp: 328815
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 8.5 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 6.200 ng

RT: 23.543 min Scan# 3488

Delta R.T. -0.038 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

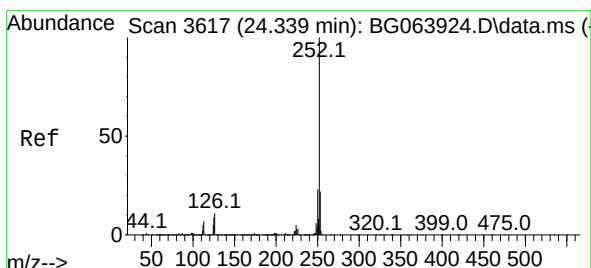
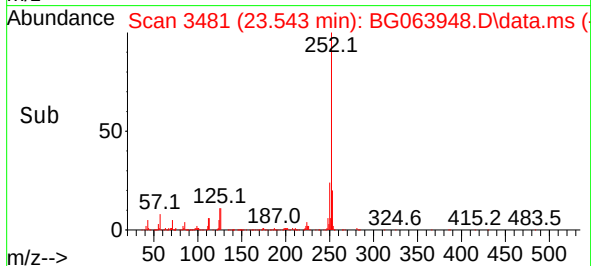
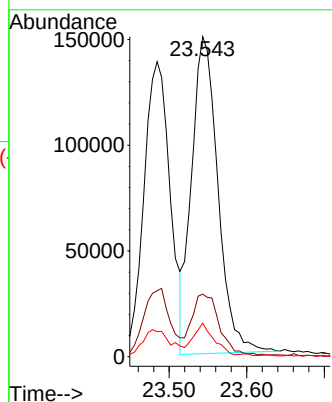
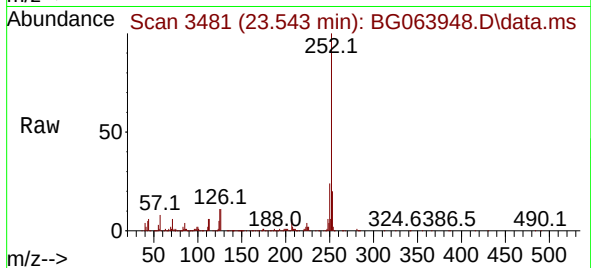
Tgt Ion:252 Resp: 353820

Ion Ratio Lower Upper

252 100

253 19.6 18.0 27.0

125 10.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 6.364 ng

RT: 24.289 min Scan# 3608

Delta R.T. -0.050 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

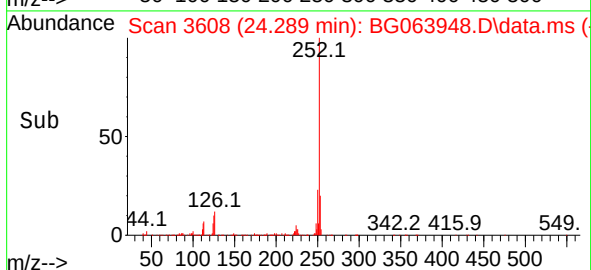
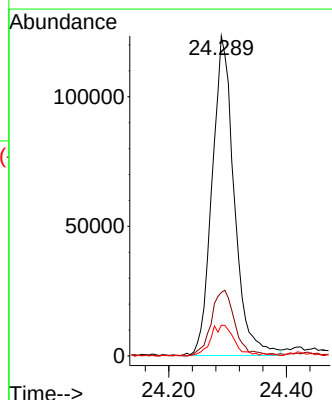
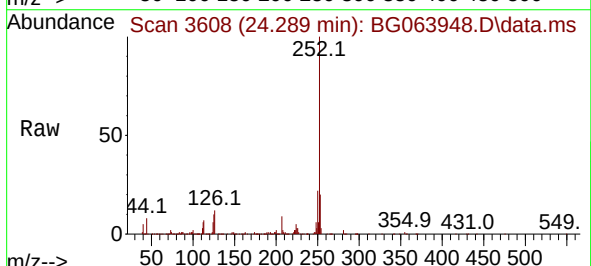
Tgt Ion:252 Resp: 321494

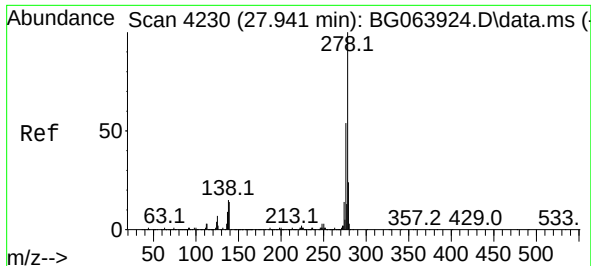
Ion Ratio Lower Upper

252 100

253 19.8 17.6 26.4

125 9.6 7.0 10.4

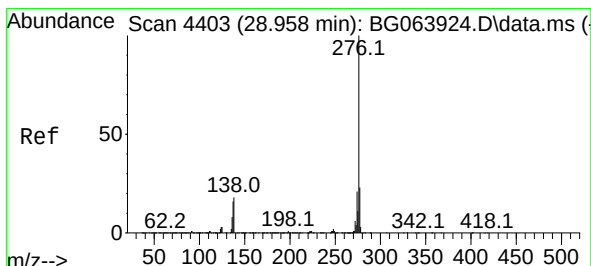
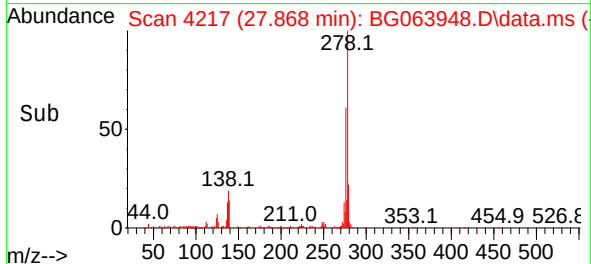
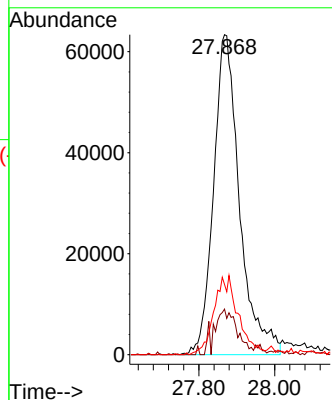
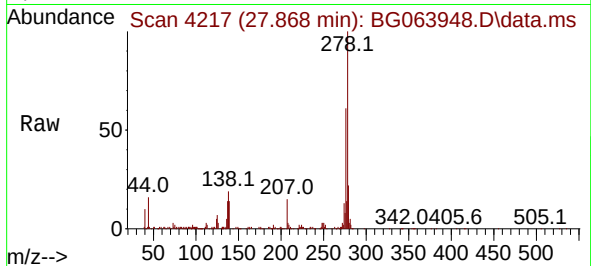




#91
Dibenzo(a,h)anthracene
Concen: 5.772 ng
RT: 27.868 min Scan# 41
Delta R.T. -0.074 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

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

Tgt Ion:278 Resp: 301795
Ion Ratio Lower Upper
278 100
139 14.2 11.1 16.7
279 22.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 5.457 ng
RT: 28.890 min Scan# 4391
Delta R.T. -0.068 min
Lab File: BG063948.D
Acq: 10 Jan 2025 12:48

Tgt Ion:276 Resp: 293516
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 15.9 14.4 21.6

