

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
 Data File : BG062633.D
 Acq On : 3 Sep 2024 19:54
 Operator : MA/JU
 Sample : P3390-08
 Misc : LOQ-WATER-10ng
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Sep 04 05:01:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	72558	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	323453	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	267825	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	707098	20.000	ng	0.00
76) Chrysene-d12	21.531	240	716556	20.000	ng	0.00
86) Perylene-d12	24.604	264	779259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	493474	117.560	ng	0.00
7) Phenol-d6	7.089	99	697365	114.999	ng	0.00
23) Nitrobenzene-d5	9.075	82	499213	83.121	ng	0.00
42) 2,4,6-Tribromophenol	16.038	330	488513	129.609	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1338272	80.938	ng	0.00
79) Terphenyl-d14	19.910	244	2629901	72.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	16773	9.592	ng	95
3) Pyridine	3.805	79	45950	9.120	ng	98
4) n-Nitrosodimethylamine	3.717	42	25148	10.267	ng	# 95
6) Aniline	7.248	93	64752	11.429	ng	91
8) 2-Chlorophenol	7.489	128	43239	9.595	ng	91
9) Benzaldehyde	7.060	77	44935	12.739	ng	99
10) Phenol	7.113	94	58523	9.533	ng	93
11) bis(2-Chloroethyl)ether	7.342	93	45870	9.759	ng	94
12) 1,3-Dichlorobenzene	7.812	146	47460	9.597	ng	96
13) 1,4-Dichlorobenzene	7.959	146	48921	9.612	ng	99
14) 1,2-Dichlorobenzene	8.270	146	48405	9.676	ng	99
15) Benzyl Alcohol	8.153	79	44772	9.978	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.441	45	85449	9.539	ng	99
17) 2-Methylphenol	8.359	107	36397	8.505	ng	96
18) Hexachloroethane	9.005	117	18125	9.498	ng	89
19) n-Nitroso-di-n-propyla...	8.717	70	45899	9.606	ng	92
20) 3+4-Methylphenols	8.688	107	54801	8.680	ng	98
22) Acetophenone	8.735	105	86560	9.920	ng	# 96
24) Nitrobenzene	9.116	77	63793	9.990	ng	99
25) Isophorone	9.639	82	129044	9.788	ng	99
26) 2-Nitrophenol	9.827	139	24709	10.241	ng	94
27) 2,4-Dimethylphenol	9.886	122	15947	4.511	ng	98
28) bis(2-Chloroethoxy)met...	10.121	93	70516	9.992	ng	99
29) 2,4-Dichlorophenol	10.362	162	47222	9.553	ng	98
30) 1,2,4-Trichlorobenzene	10.579	180	56998	9.727	ng	96
31) Naphthalene	10.762	128	156234	9.745	ng	98
32) Benzoic acid	9.963	122	24498	6.443	ng	96
33) 4-Chloroaniline	10.867	127	64529	10.228	ng	99
34) Hexachlorobutadiene	11.049	225	40161	9.813	ng	97
35) Caprolactam	11.614	113	18639	9.781	ng	90
36) 4-Chloro-3-methylphenol	11.990	107	55655	9.334	ng	98
37) 2-Methylnaphthalene	12.371	142	125254	10.073	ng	98
38) 1-Methylnaphthalene	12.589	142	115594	9.258	ng	99
40) 1,2,4,5-Tetrachloroben...	12.736	216	82596	10.255	ng	100
41) Hexachlorocyclopentadiene	12.724	237	21507	9.359	ng	94
43) 2,4,6-Trichlorophenol	12.977	196	49790	9.751	ng	94

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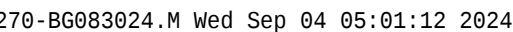
Instrument :
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 ClientSampleId :
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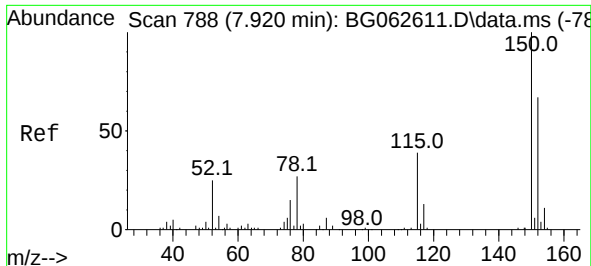
Quant Time: Sep 04 05:01:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	59761	10.335	ng	97
46) 1,1'-Biphenyl	13.376	154	181394	10.152	ng	96
47) 2-Chloronaphthalene	13.423	162	144172	9.956	ng	98
48) 2-Nitroaniline	13.617	65	37489	9.843	ng	99
49) Acenaphthylene	14.269	152	230692	10.758	ng	98
50) Dimethylphthalate	13.999	163	198874	10.155	ng	98
51) 2,6-Dinitrotoluene	14.116	165	36198	9.772	ng	94
52) Acenaphthene	14.610	154	135384	10.099	ng	98
53) 3-Nitroaniline	14.445	138	36196	10.099	ng	99
54) 2,4-Dinitrophenol	14.651	184	16374	7.877	ng	88
55) Dibenzofuran	14.945	168	238048	10.354	ng	98
56) 4-Nitrophenol	14.751	139	29187	9.608	ng	99
57) 2,4-Dinitrotoluene	14.904	165	49993	9.891	ng	# 94
58) Fluorene	15.591	166	185487	10.280	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.168	232	57446	10.487	ng	96
60) Diethylphthalate	15.362	149	190417	9.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.585	204	106939	10.324	ng	95
62) 4-Nitroaniline	15.603	138	38013	9.618	ng	93
63) Azobenzene	15.879	77	179702	9.859	ng	96
65) 4,6-Dinitro-2-methylph...	15.668	198	28126	8.913	ng	91
66) n-Nitrosodiphenylamine	15.797	169	167693	9.864	ng	97
67) 4-Bromophenyl-phenylether	16.478	248	73923	10.130	ng	98
68) Hexachlorobenzene	16.596	284	85180	9.856	ng	96
69) Atrazine	16.743	200	71507	12.384	ng	99
70) Pentachlorophenol	16.943	266	44877	8.107	ng	94
71) Phenanthrene	17.330	178	345042	10.454	ng	99
72) Anthracene	17.418	178	330253	10.177	ng	97
73) Carbazole	17.689	167	300354	10.068	ng	97
74) Di-n-butylphthalate	18.253	149	330526	9.825	ng	99
75) Fluoranthene	19.340	202	420135	10.065	ng	98
77) Benzidine	19.522	184	97141	7.521	ng	98
78) Pyrene	19.704	202	444806	9.765	ng	99
80) Butylbenzylphthalate	20.597	149	124281	9.289	ng	96
81) Benzo(a)anthracene	21.514	228	457126	10.115	ng	98
82) 3,3'-Dichlorobenzidine	21.431	252	156040	10.598	ng	99
83) Chrysene	21.578	228	433982	10.025	ng	99
84) Bis(2-ethylhexyl)phtha...	21.431	149	194975	9.593	ng	97
85) Di-n-octyl phthalate	22.595	149	330229	9.279	ng	99
87) Indeno(1,2,3-cd)pyrene	28.065	276	514916	10.305	ng	# 94
88) Benzo(b)fluoranthene	23.629	252	425056	9.875	ng	99
89) Benzo(k)fluoranthene	23.693	252	439247	10.433	ng	98
90) Benzo(a)pyrene	24.457	252	392651	10.326	ng	99
91) Dibenzo(a,h)anthracene	28.118	278	417905	10.153	ng	98
92) Benzo(g,h,i)perylene	29.140	276	405062	9.759	ng	97

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

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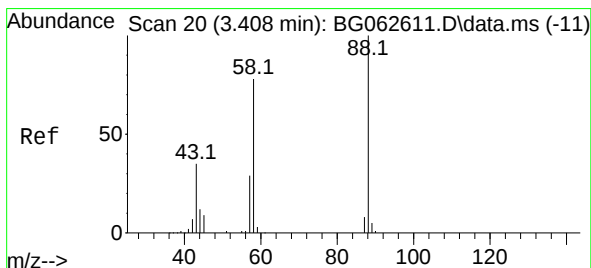
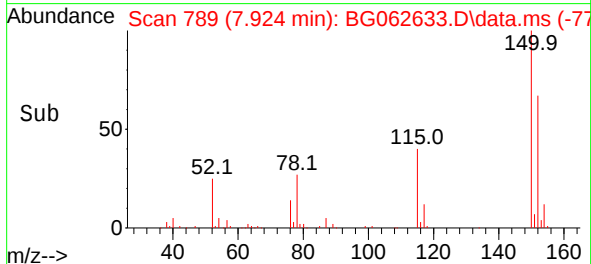
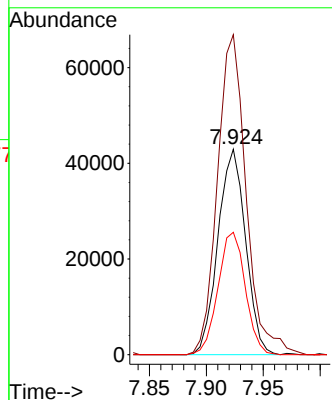
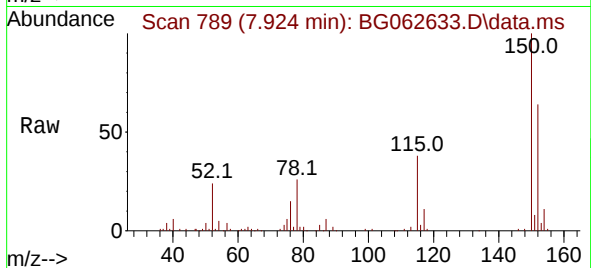




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

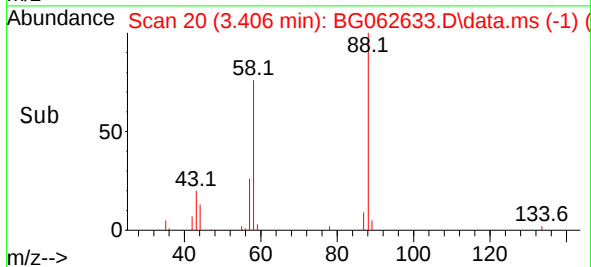
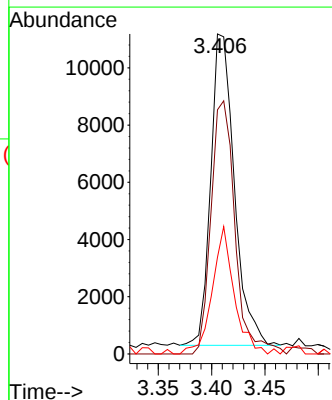
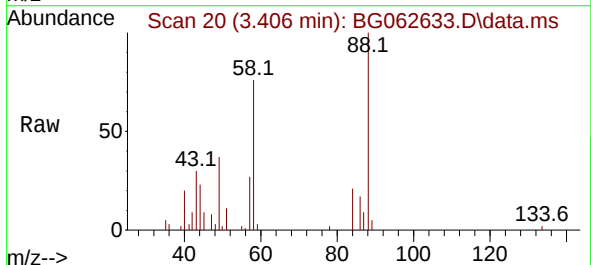
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

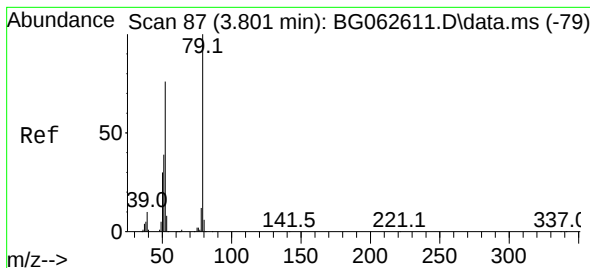
Tgt Ion:152 Resp: 72558
Ion Ratio Lower Upper
152 100
150 155.7 119.9 179.9
115 59.6 46.6 69.8



#2
1,4-Dioxane
Concen: 9.592 ng
RT: 3.406 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion: 88 Resp: 16773
Ion Ratio Lower Upper
88 100
58 82.4 62.3 93.5
43 37.9 27.5 41.3





#3

Pyridine

Concen: 9.120 ng

RT: 3.805 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

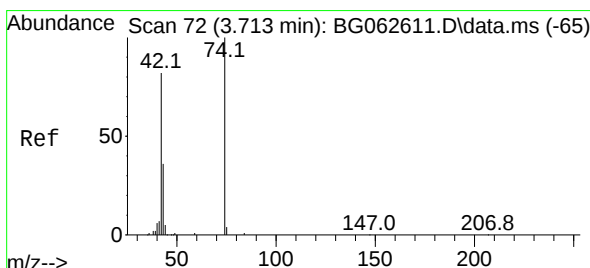
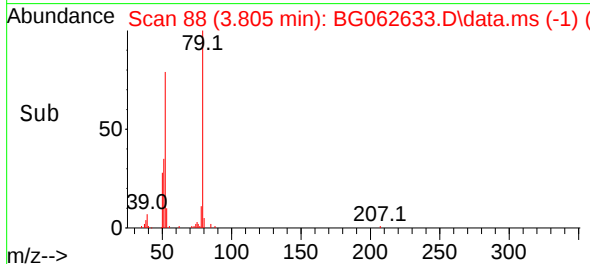
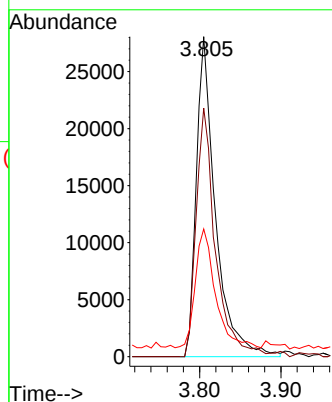
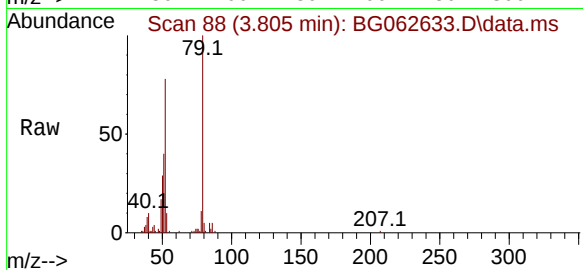
Tgt Ion: 79 Resp: 45950

Ion Ratio Lower Upper

79 100

52 77.7 60.9 91.3

51 39.9 31.5 47.3



#4

n-Nitrosodimethylamine

Concen: 10.267 ng

RT: 3.717 min Scan# 73

Delta R.T. 0.004 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

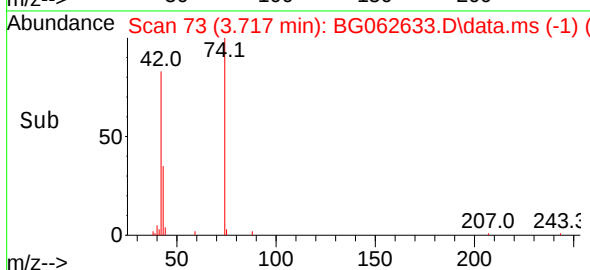
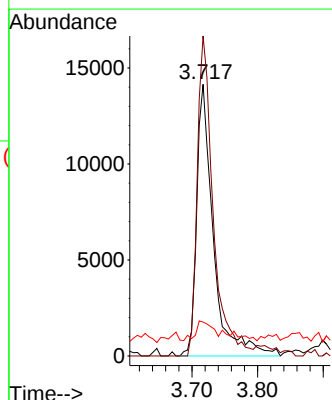
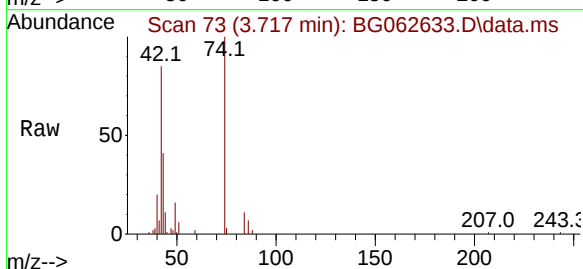
Tgt Ion: 42 Resp: 25148

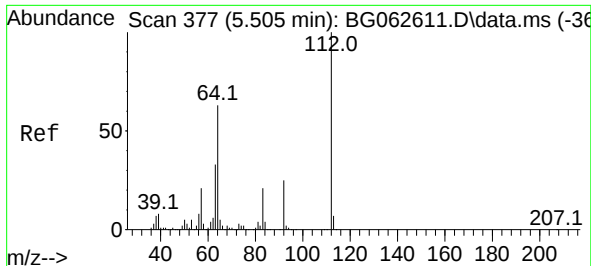
Ion Ratio Lower Upper

42 100

74 117.8 98.0 147.0

44 12.5 7.4 11.2#

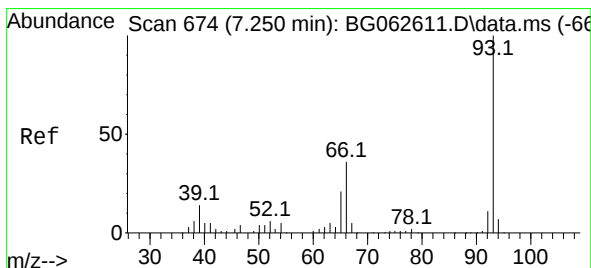
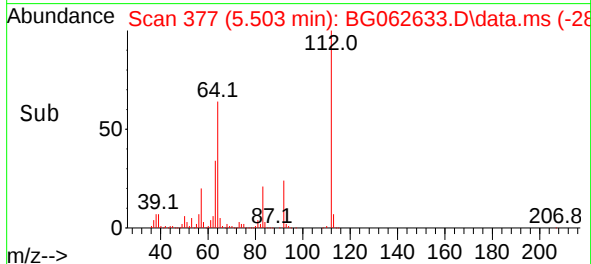
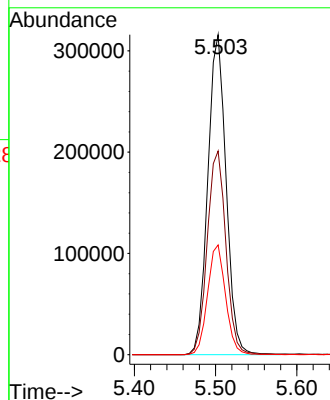
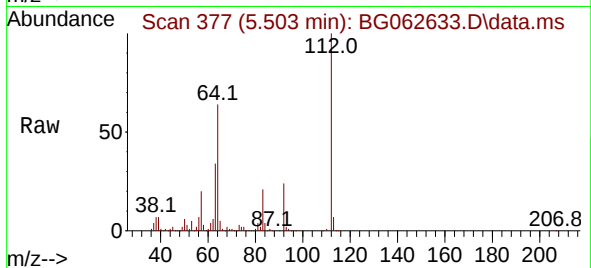




#5
2-Fluorophenol
Concen: 117.560 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

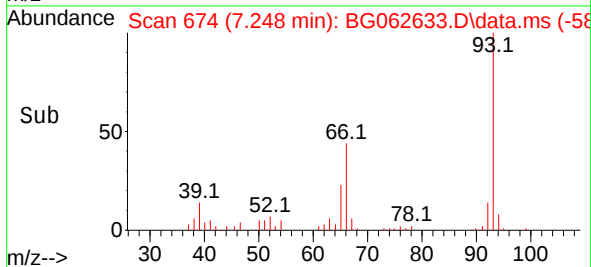
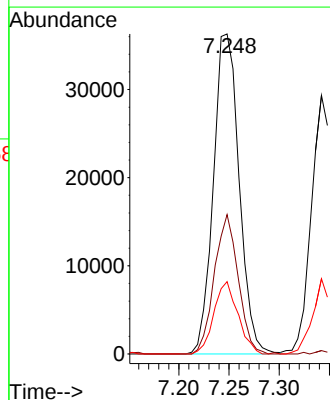
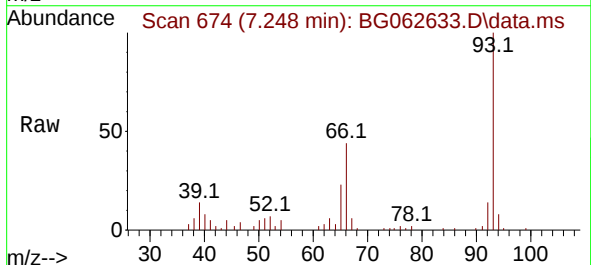
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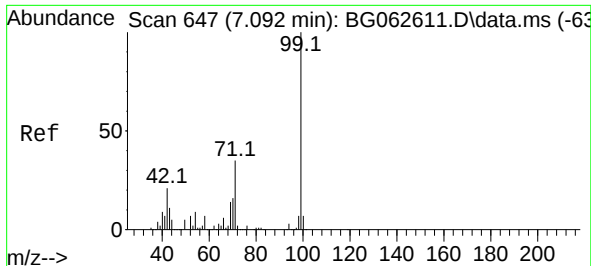
Tgt Ion:112 Resp: 493474
Ion Ratio Lower Upper
112 100
64 63.7 50.2 75.2
63 34.3 26.6 39.8



#6
Aniline
Concen: 11.429 ng
RT: 7.248 min Scan# 674
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion: 93 Resp: 64752
Ion Ratio Lower Upper
93 100
66 43.6 29.1 43.7
65 22.6 16.6 25.0

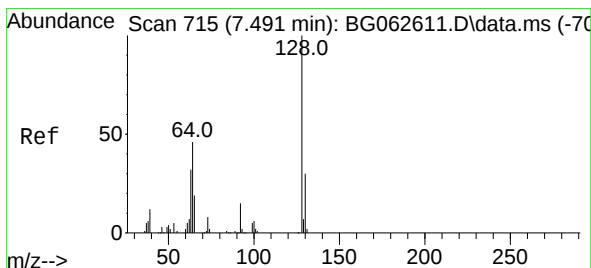
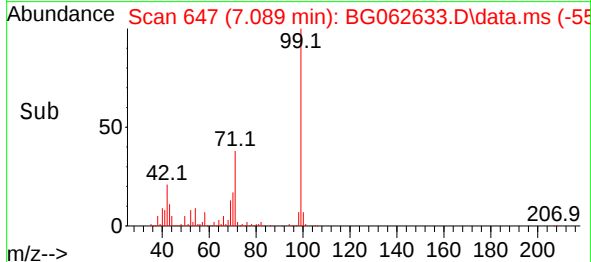
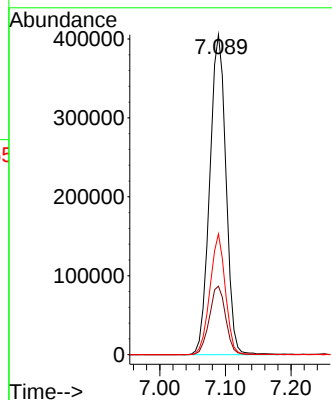
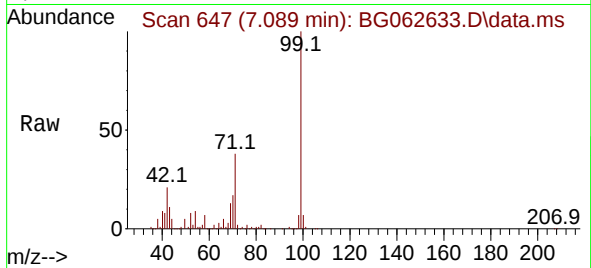




#7
Phenol-d6
Concen: 114.999 ng
RT: 7.089 min Scan# 647
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

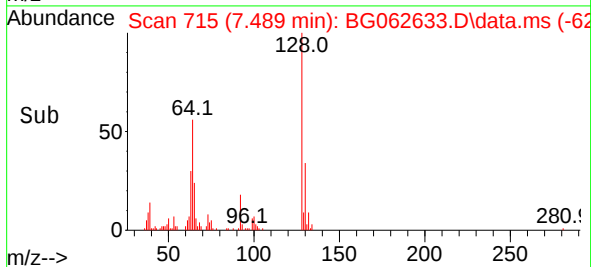
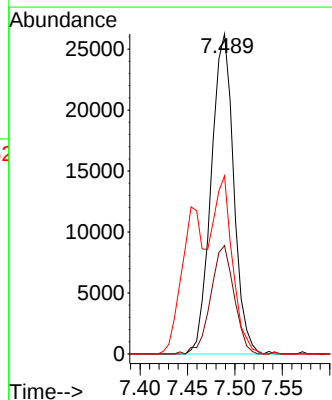
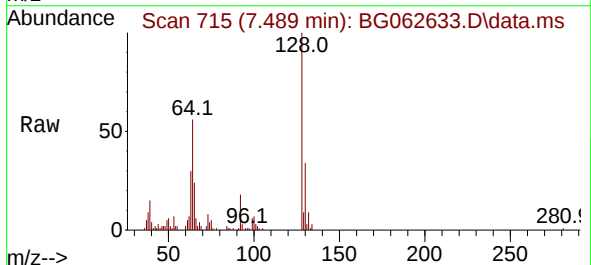
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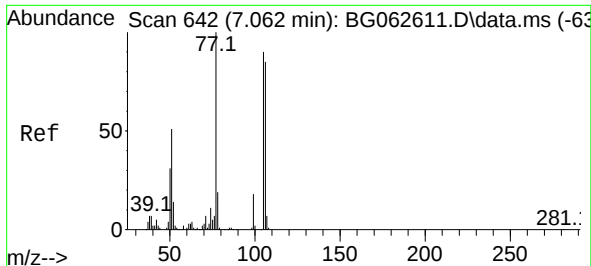
Tgt Ion: 99 Resp: 697365
Ion Ratio Lower Upper
99 100
42 21.4 16.9 25.3
71 37.7 27.9 41.9



#8
2-Chlorophenol
Concen: 9.595 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:128 Resp: 43239
Ion Ratio Lower Upper
128 100
130 33.8 10.0 50.0
64 55.7 28.8 68.8

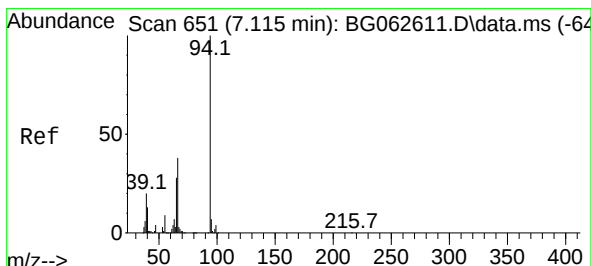
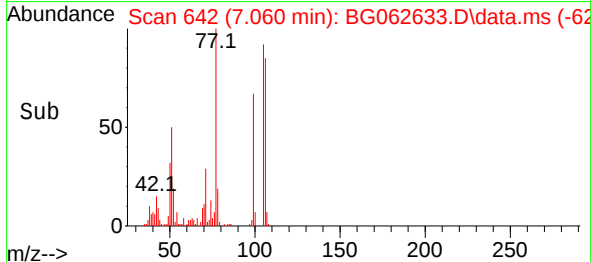
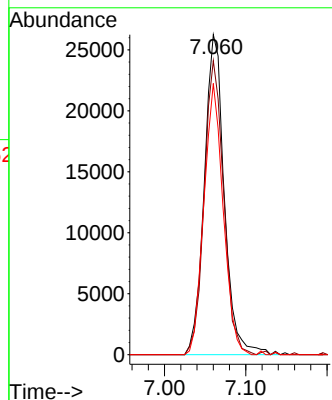
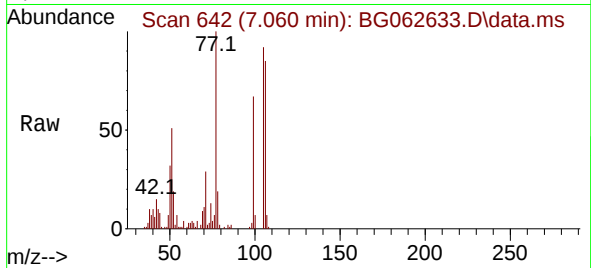




#9
Benzaldehyde
Concen: 12.739 ng
RT: 7.060 min Scan# 642
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

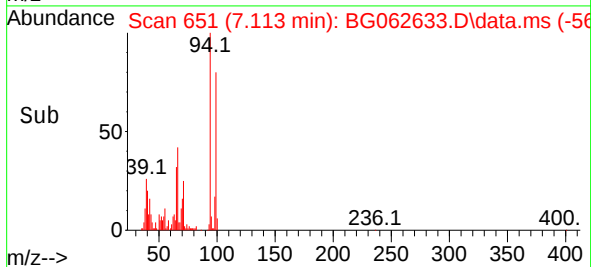
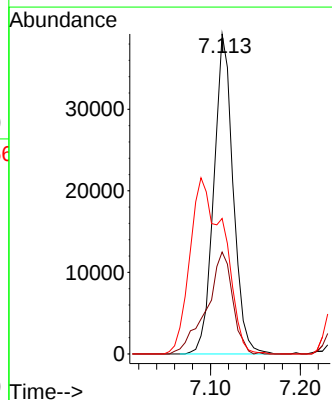
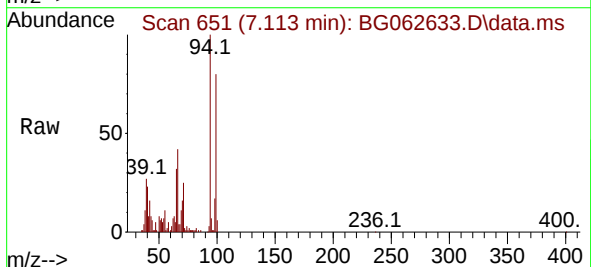
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

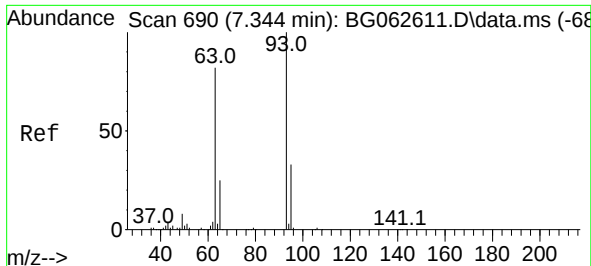
Tgt Ion: 77 Resp: 44935
Ion Ratio Lower Upper
77 100
105 91.8 70.2 110.2
106 84.7 65.4 105.4



#10
Phenol
Concen: 9.533 ng
RT: 7.113 min Scan# 651
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion: 94 Resp: 58523
Ion Ratio Lower Upper
94 100
65 31.9 8.6 48.6
66 42.3 18.2 58.2

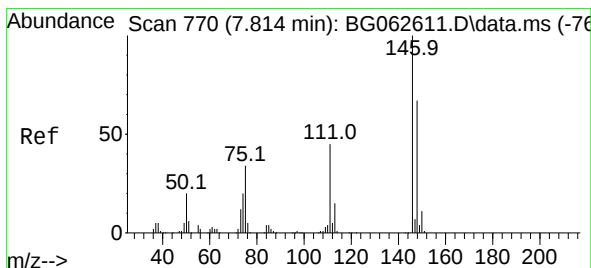
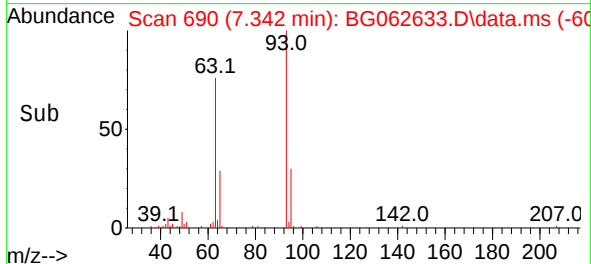
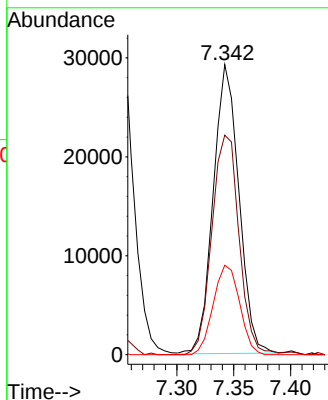
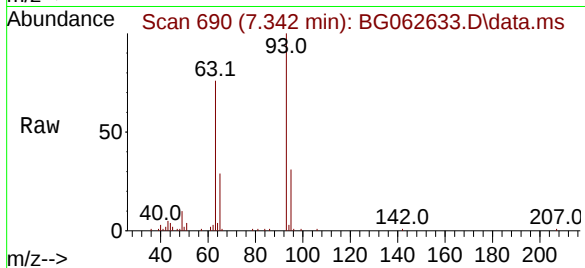




#11
bis(2-Chloroethyl)ether
Concen: 9.759 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

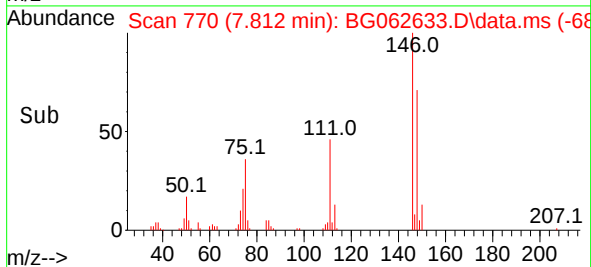
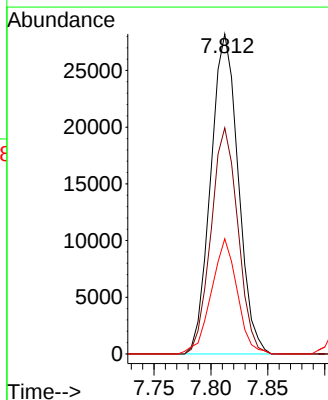
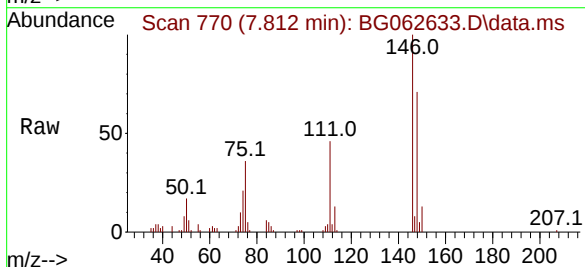
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

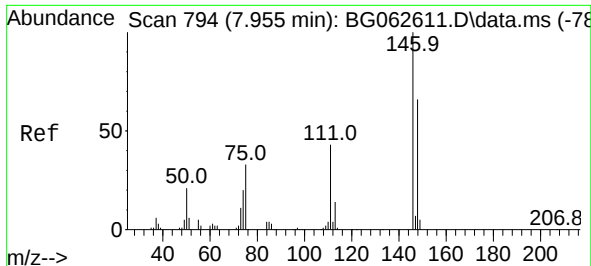
Tgt Ion: 93 Resp: 45870
Ion Ratio Lower Upper
93 100
63 75.7 61.9 101.9
95 30.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 9.597 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:146 Resp: 47460
Ion Ratio Lower Upper
146 100
148 70.6 53.9 80.9
75 36.0 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 9.612 ng

RT: 7.959 min Scan# 794

Delta R.T. 0.004 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

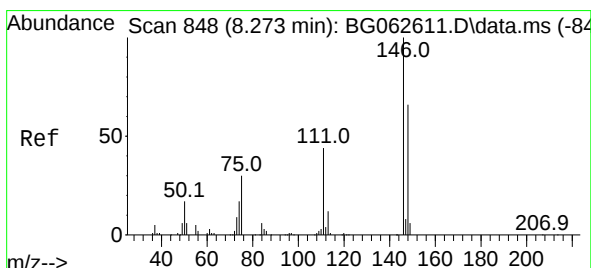
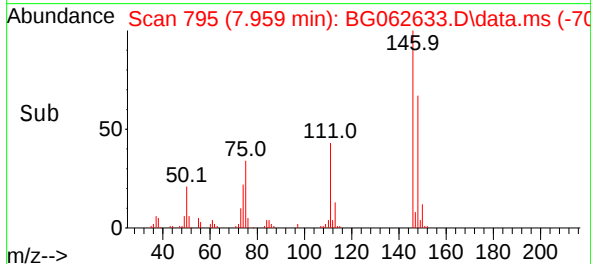
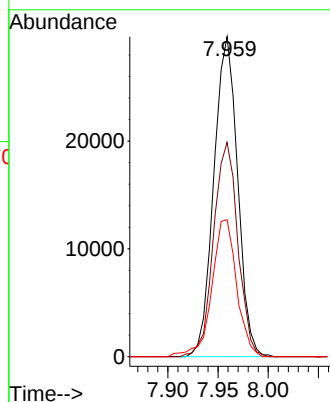
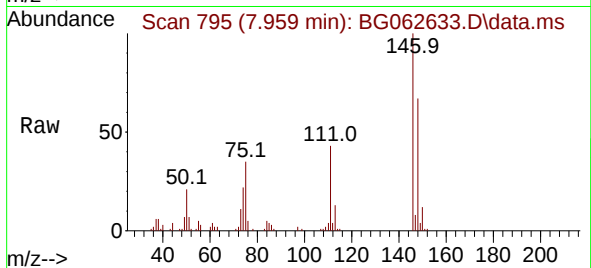
Tgt Ion:146 Resp: 48921

Ion Ratio Lower Upper

146 100

148 67.0 53.0 79.6

111 42.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 9.676 ng

RT: 8.270 min Scan# 848

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

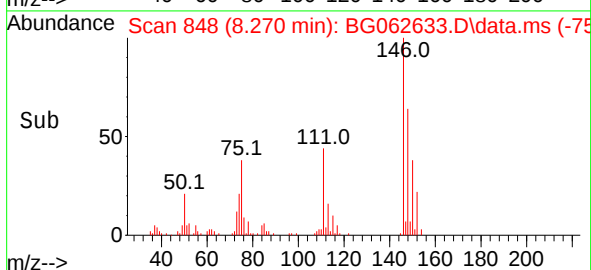
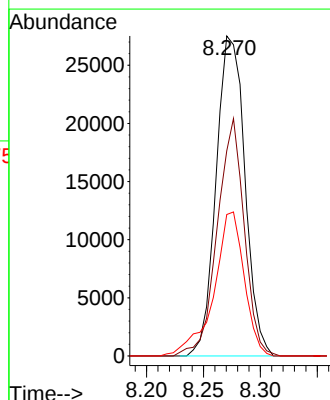
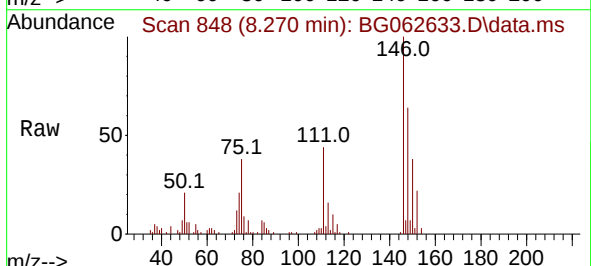
Tgt Ion:146 Resp: 48405

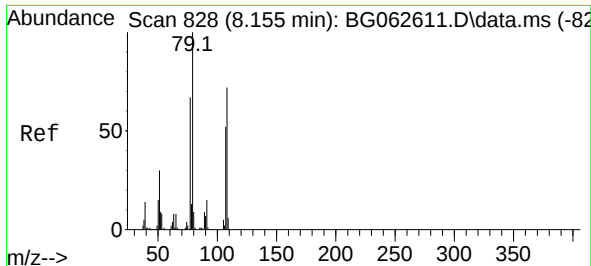
Ion Ratio Lower Upper

146 100

148 64.1 52.5 78.7

111 44.2 35.5 53.3

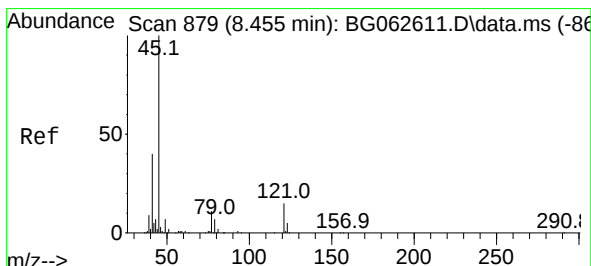
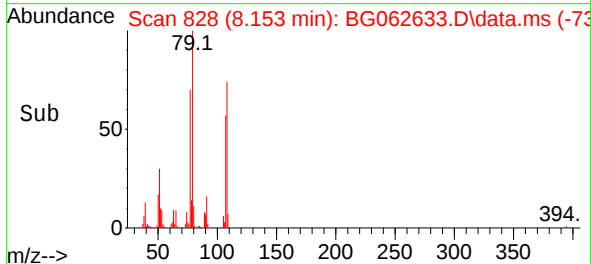
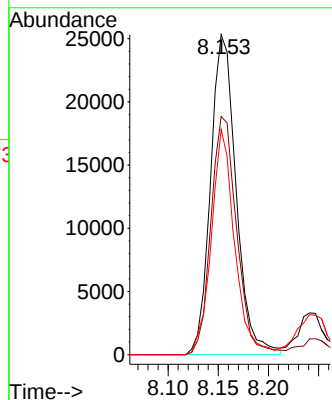
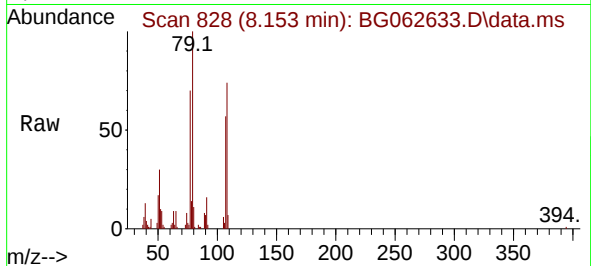




#15
Benzyl Alcohol
Concen: 9.978 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

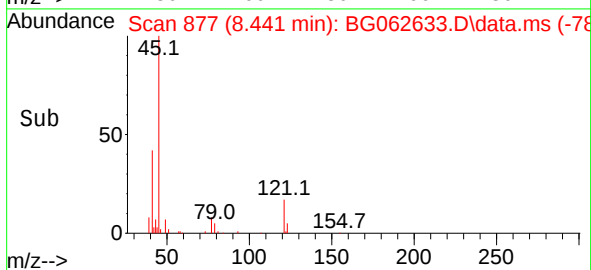
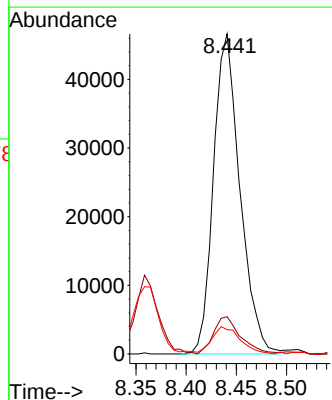
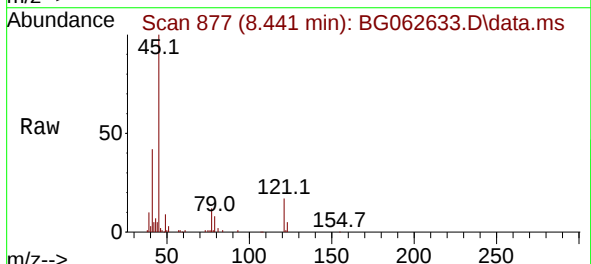
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

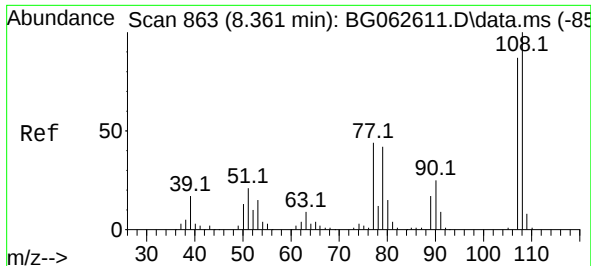
Tgt Ion: 79 Resp: 44772
Ion Ratio Lower Upper
79 100
108 74.4 57.9 86.9
77 70.4 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.539 ng
RT: 8.441 min Scan# 877
Delta R.T. -0.014 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion: 45 Resp: 85449
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.7
79 7.6 0.0 28.3

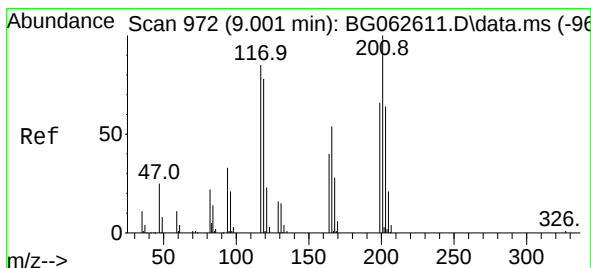
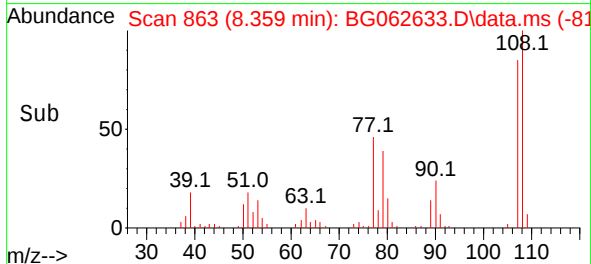
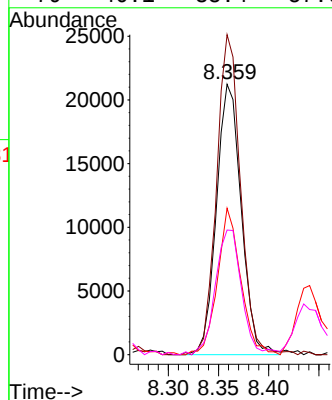
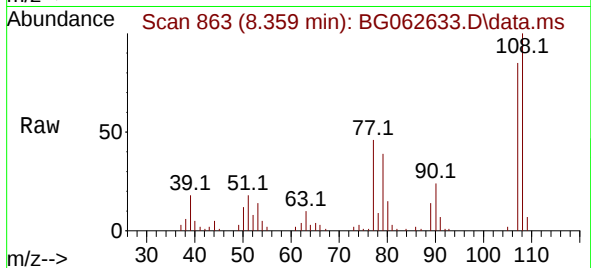




#17
2-Methylphenol
Concen: 8.505 ng
RT: 8.359 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

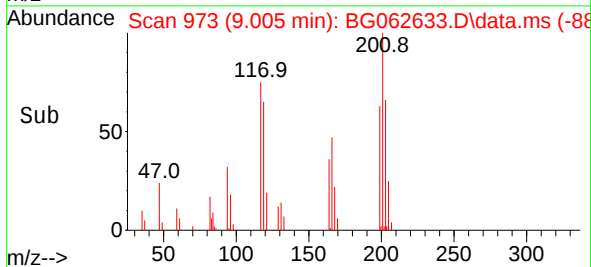
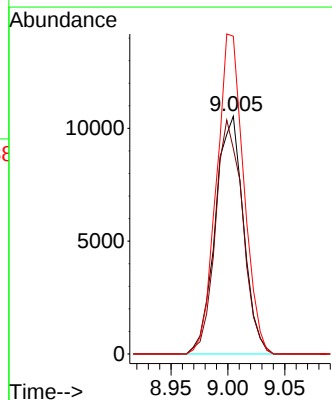
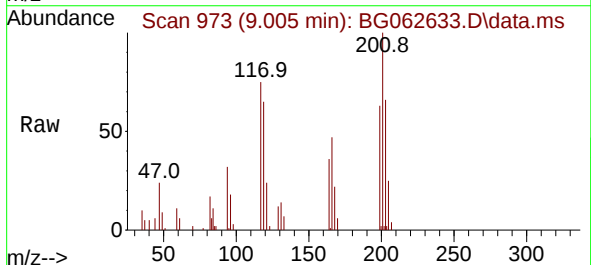
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

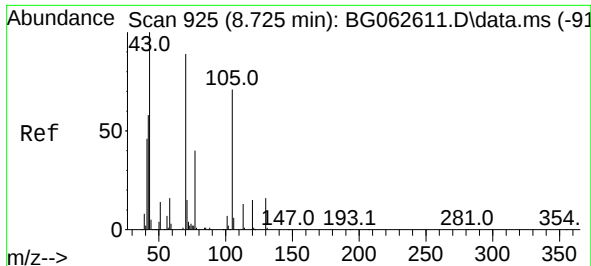
Tgt Ion:	107	Resp:	36397
Ion	Ratio	Lower	Upper
107	100		
108	118.3	91.5	137.3
77	54.1	40.0	60.0
79	46.1	38.4	57.6



#18
Hexachloroethane
Concen: 9.498 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:	117	Resp:	18125
Ion	Ratio	Lower	Upper
117	100		
119	86.4	73.4	110.0
201	133.7	93.9	140.9



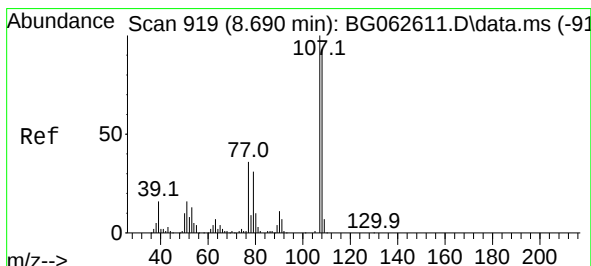
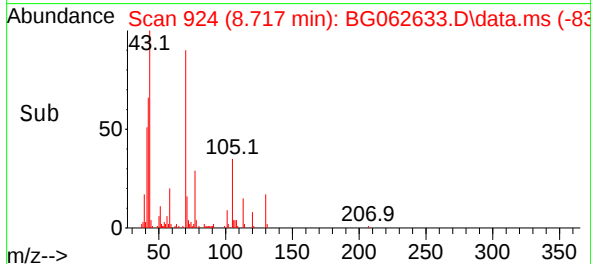
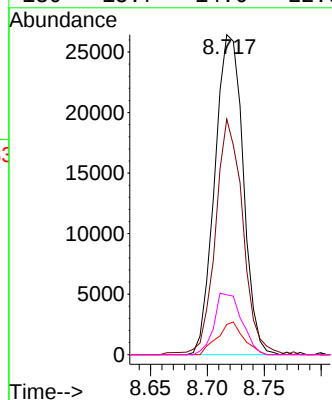
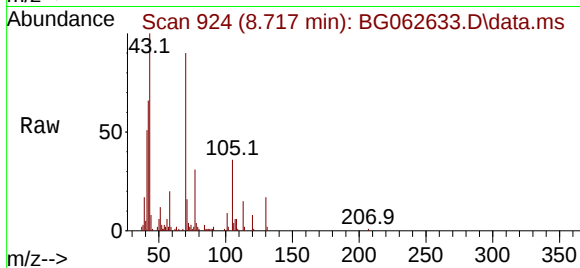


#19
n-Nitroso-di-n-propylamine
Concen: 9.606 ng
RT: 8.717 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 70 Resp: 45899

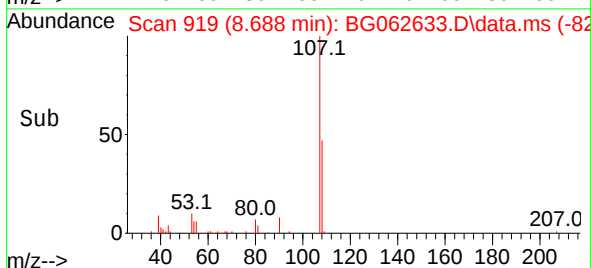
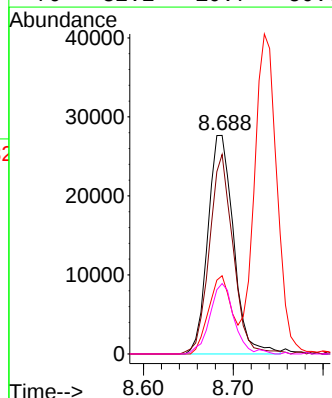
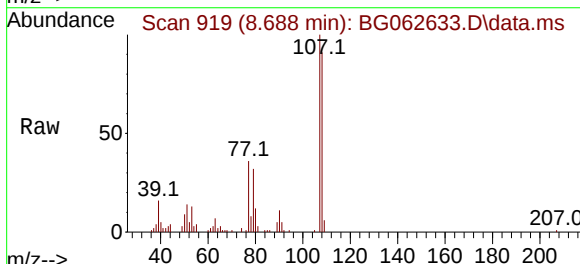
Ion	Ratio	Lower	Upper
70	100		
42	73.6	52.3	78.5
101	9.5	6.6	9.8
130	18.7	14.6	22.0

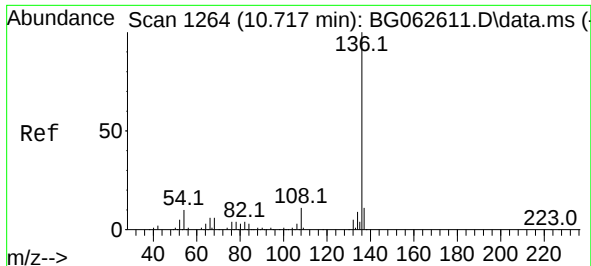


#20
3+4-Methylphenols
Concen: 8.680 ng
RT: 8.688 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion: 107 Resp: 54801

Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.7	112.7
77	35.8	16.5	56.5
79	32.2	10.7	50.7

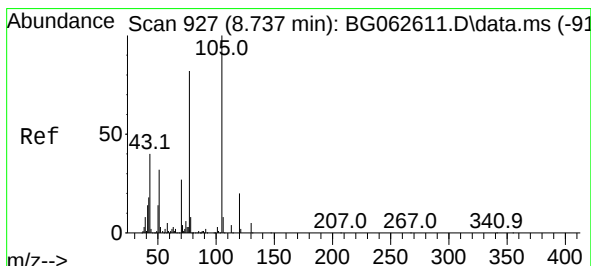
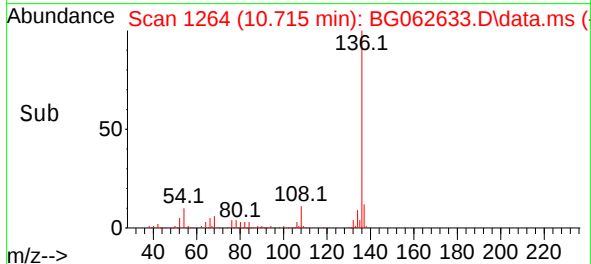
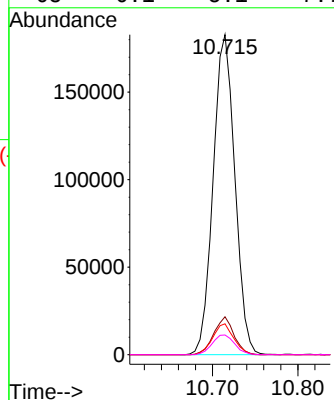
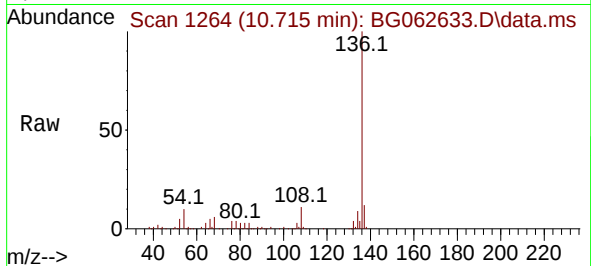




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

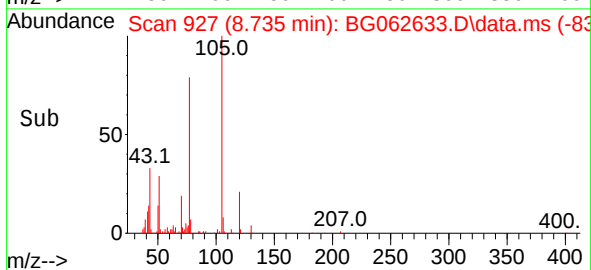
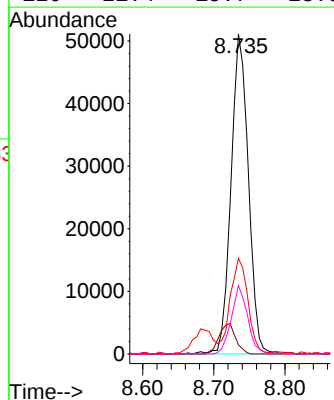
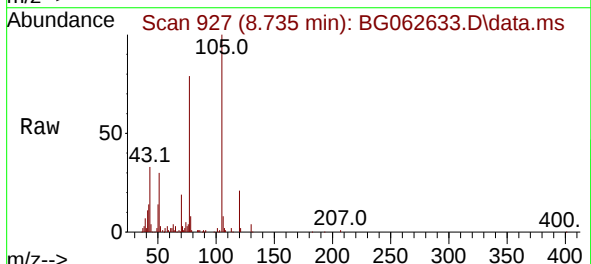
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2024

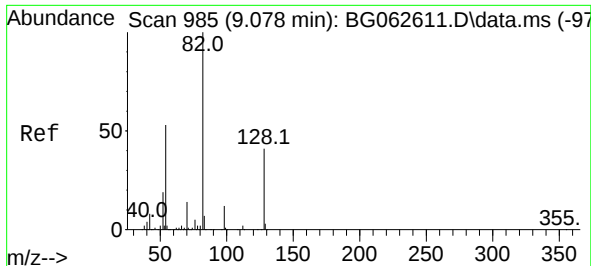
Tgt Ion:136	Resp: 323453
Ion Ratio	Lower Upper
136 100	
137 11.8	9.0 13.4
54 9.7	7.8 11.6
68 6.1	5.1 7.7



#22
Acetophenone
Concen: 9.920 ng
RT: 8.735 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt	Ion:105	Resp:	86560
Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.5	5.3#
51	29.8	25.7	38.5
120	21.4	15.7	23.5





#23

Nitrobenzene-d5

Concen: 83.121 ng

RT: 9.075 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

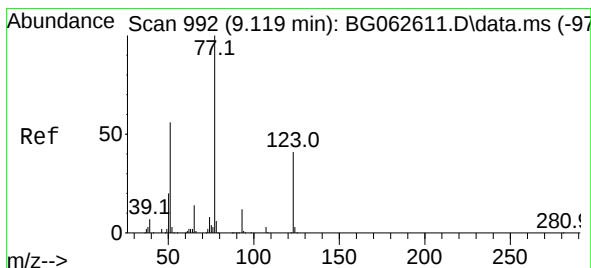
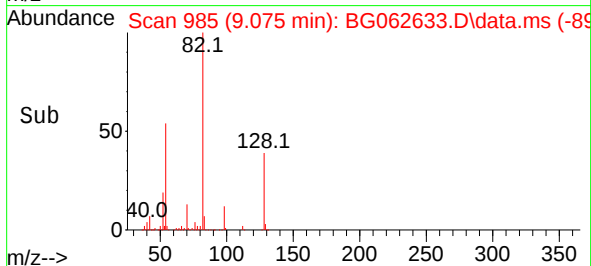
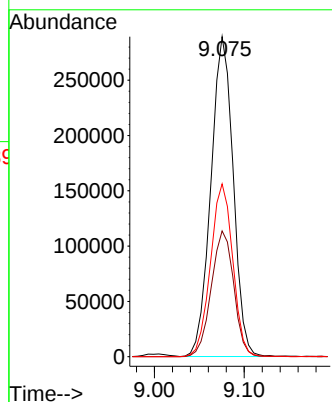
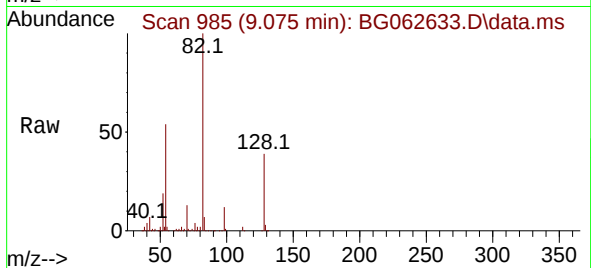
Tgt Ion: 82 Resp: 499213

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

54 54.0 42.5 63.7



#24

Nitrobenzene

Concen: 9.990 ng

RT: 9.116 min Scan# 992

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

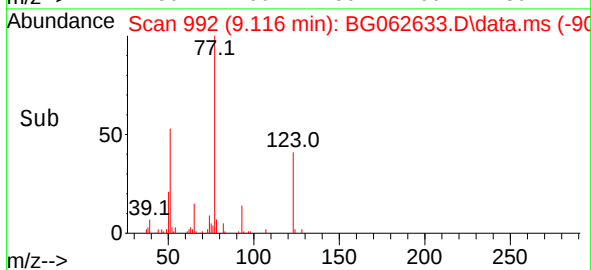
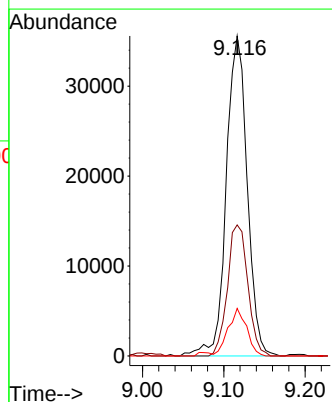
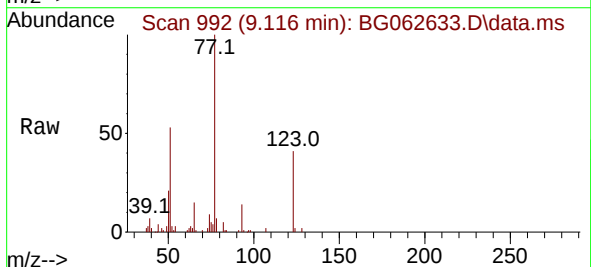
Tgt Ion: 77 Resp: 63793

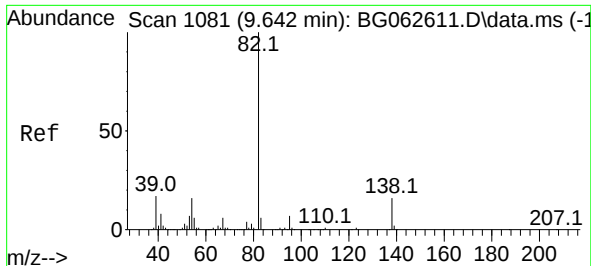
Ion Ratio Lower Upper

77 100

123 40.9 33.1 49.7

65 14.9 11.0 16.4





#25

Isophorone

Concen: 9.788 ng

RT: 9.639 min Scan# 1081

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

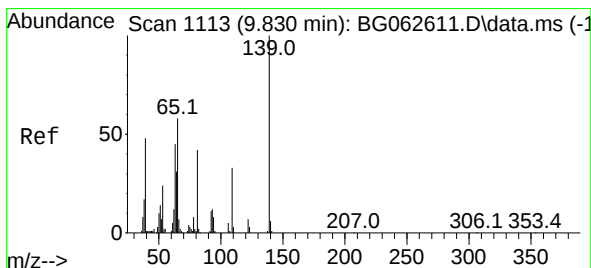
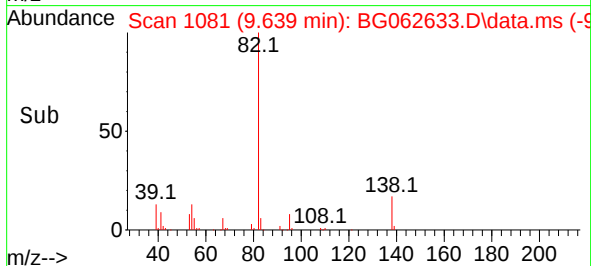
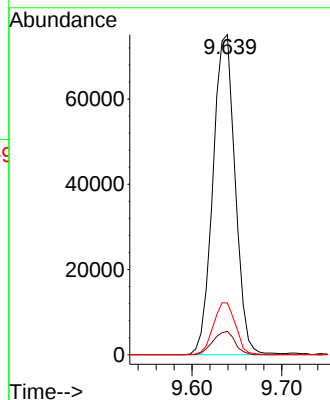
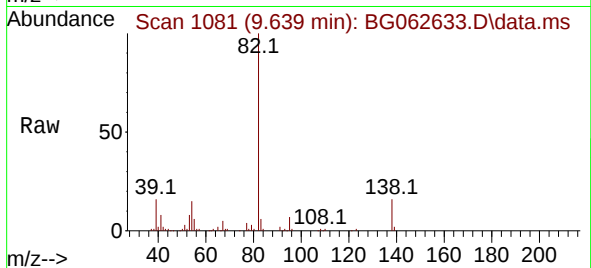
Tgt Ion: 82 Resp: 129044

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.0

138 16.1 12.6 18.8



#26

2-Nitrophenol

Concen: 10.241 ng

RT: 9.827 min Scan# 1113

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

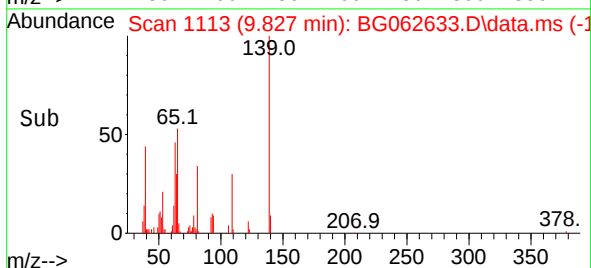
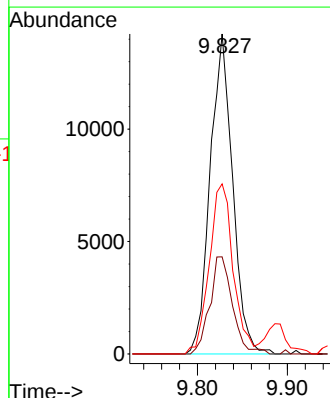
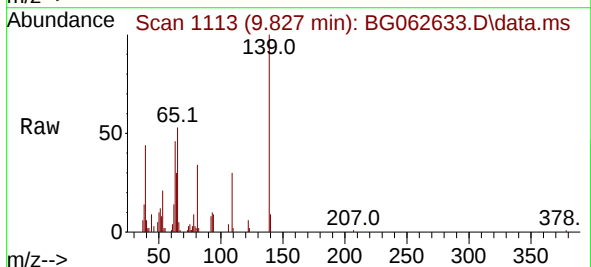
Tgt Ion:139 Resp: 24709

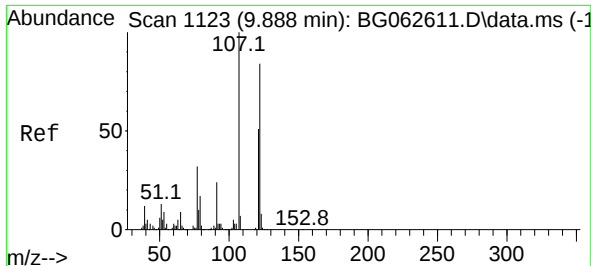
Ion Ratio Lower Upper

139 100

109 30.3 26.6 39.8

65 53.2 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 4.511 ng

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

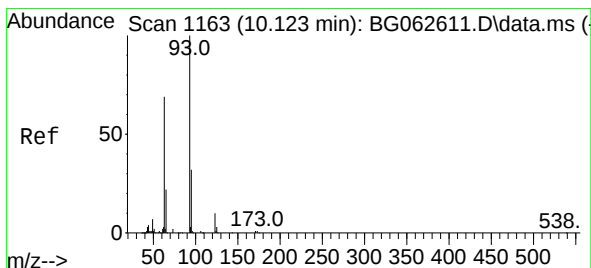
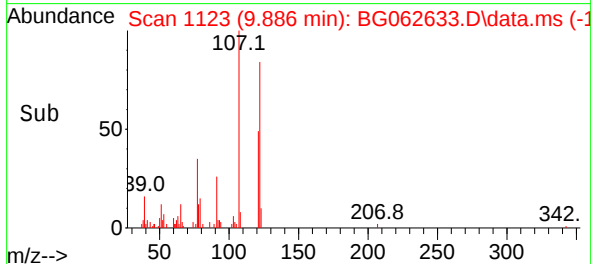
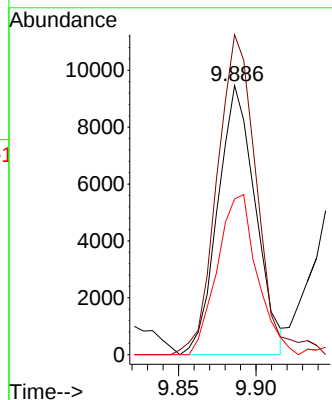
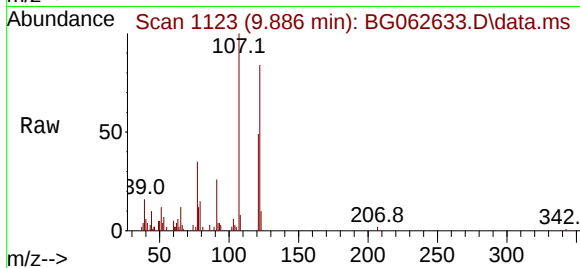
Tgt Ion:122 Resp: 15947

Ion Ratio Lower Upper

122 100

107 118.9 95.8 143.6

121 57.8 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 9.992 ng

RT: 10.121 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

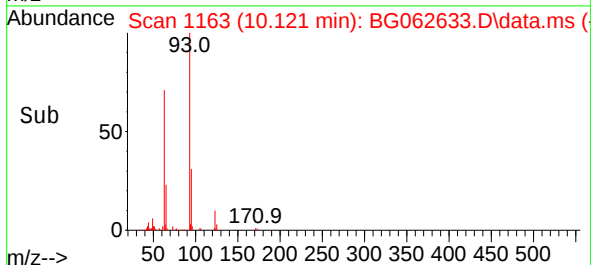
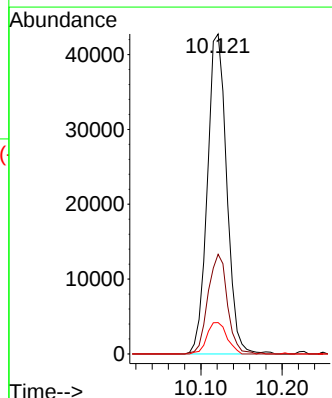
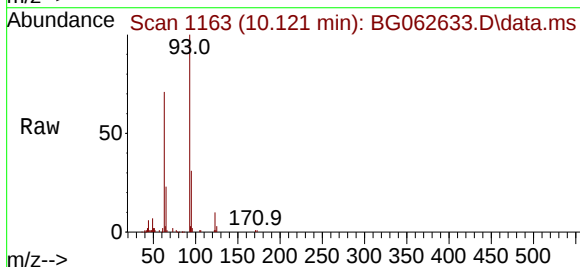
Tgt Ion: 93 Resp: 70516

Ion Ratio Lower Upper

93 100

95 31.2 25.4 38.0

123 9.8 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 9.553 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.002 min

Lab File: BG062633.D

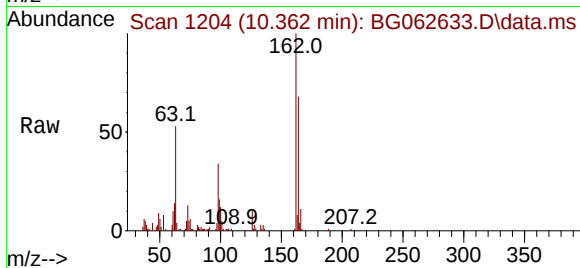
Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



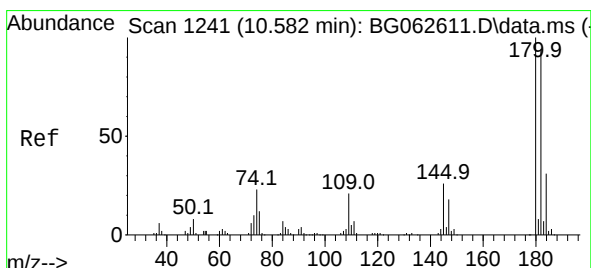
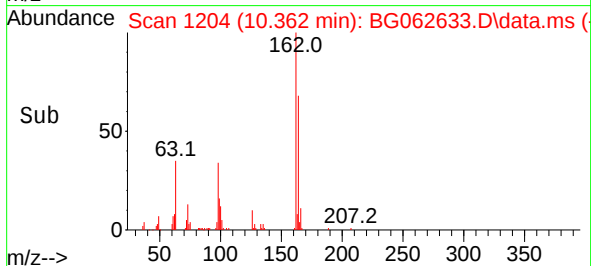
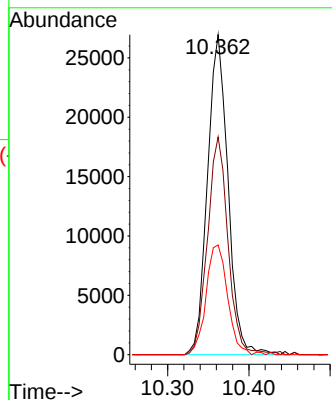
Tgt Ion:162 Resp: 47222

Ion Ratio Lower Upper

162 100

164 68.1 46.8 86.8

98 34.3 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 9.727 ng

RT: 10.579 min Scan# 1241

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

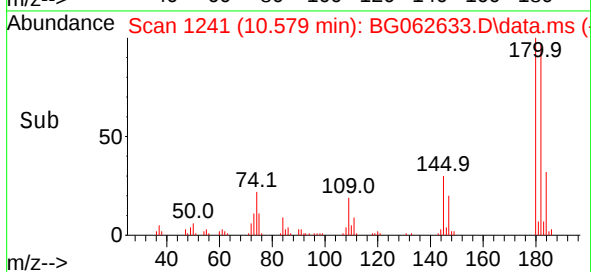
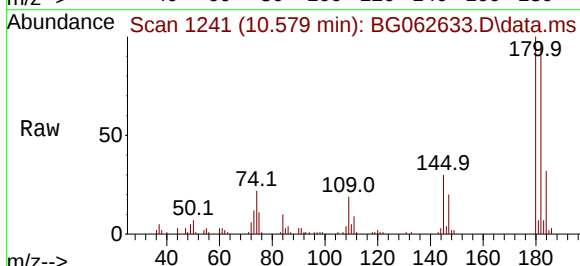
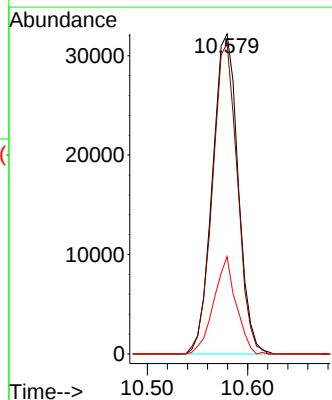
Tgt Ion:180 Resp: 56998

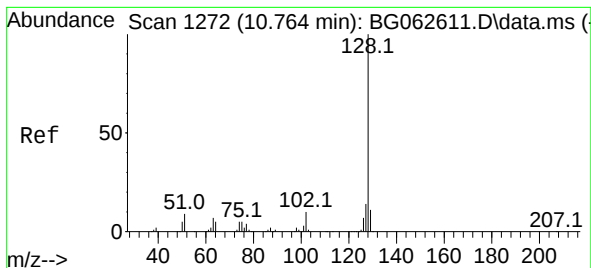
Ion Ratio Lower Upper

180 100

182 97.1 75.1 112.7

145 30.4 20.8 31.2





#31

Naphthalene

Concen: 9.745 ng

RT: 10.762 min Scan# 1136

Delta R.T. -0.002 min

Lab File: BG062633.D

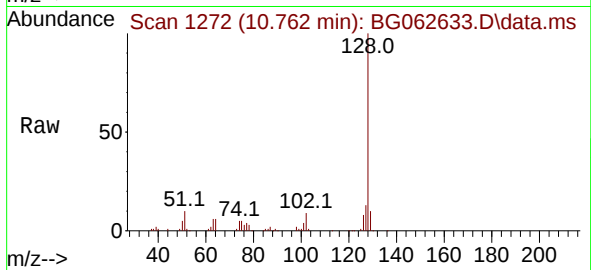
Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



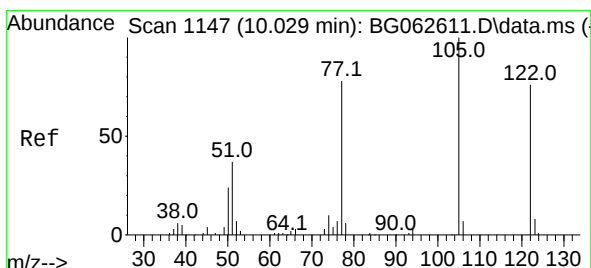
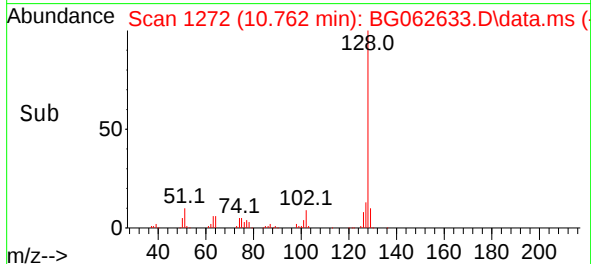
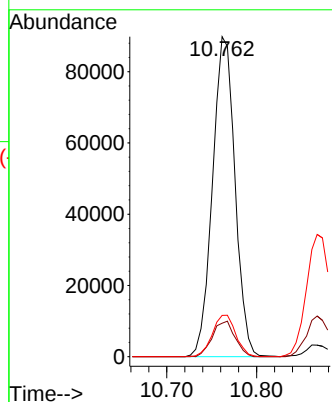
Tgt Ion:128 Resp: 156234

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

127 12.9 11.3 16.9



#32

Benzoic acid

Concen: 6.443 ng

RT: 9.963 min Scan# 1136

Delta R.T. -0.066 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

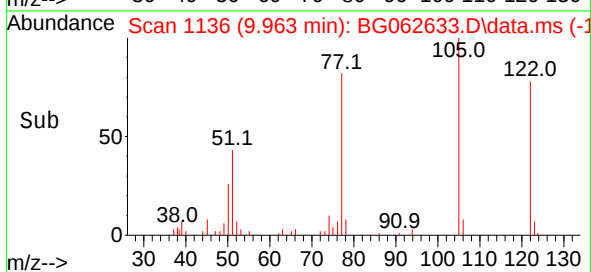
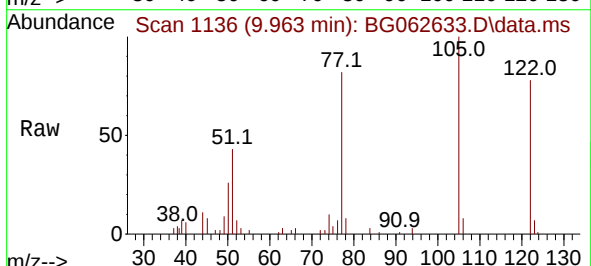
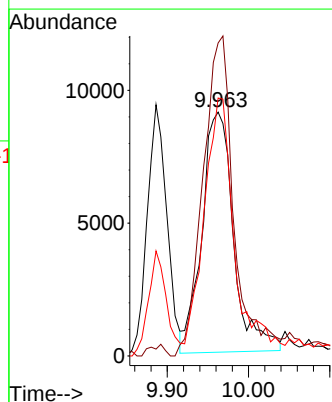
Tgt Ion:122 Resp: 24498

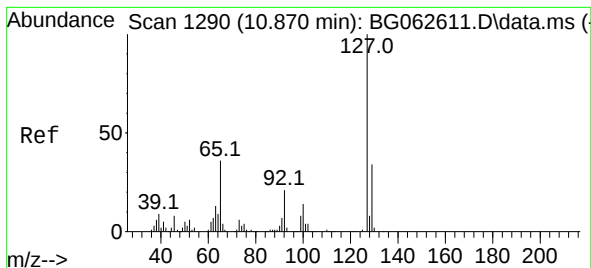
Ion Ratio Lower Upper

122 100

105 128.3 105.7 145.7

77 105.8 79.9 119.9





#33

4-Chloroaniline

Concen: 10.228 ng

RT: 10.867 min Scan# 1290

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:127 Resp: 64529

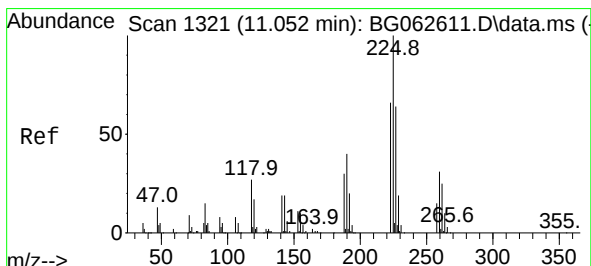
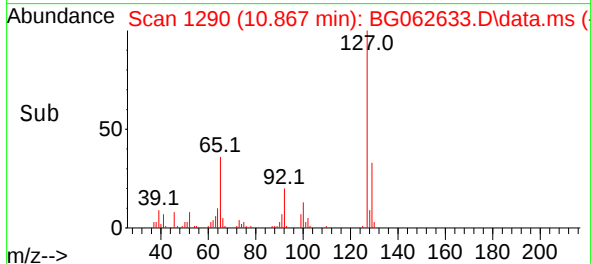
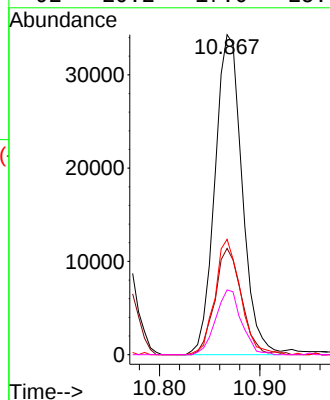
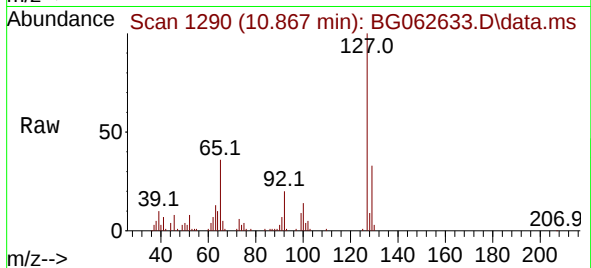
Ion Ratio Lower Upper

127 100

129 33.2 27.3 40.9

65 36.0 29.0 43.4

92 20.2 17.0 25.4



#34

Hexachlorobutadiene

Concen: 9.813 ng

RT: 11.049 min Scan# 1321

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

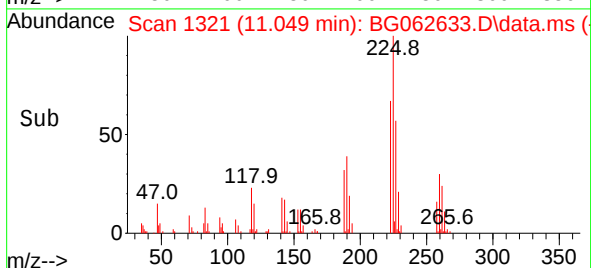
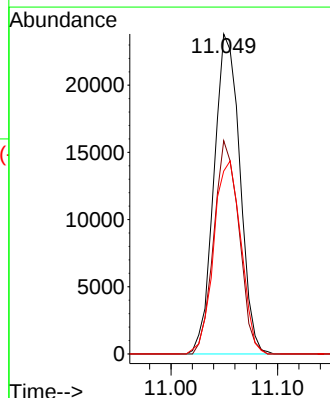
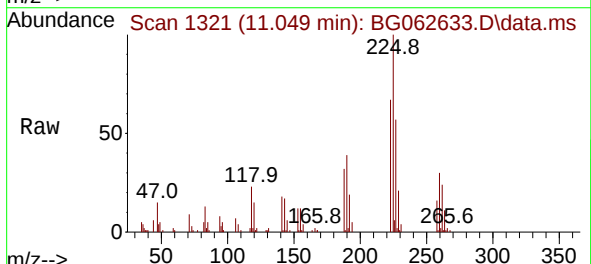
Tgt Ion:225 Resp: 40161

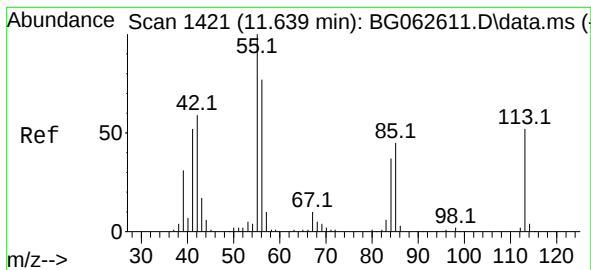
Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

227 56.2 48.9 73.3





#35

Caprolactam

Concen: 9.781 ng

RT: 11.614 min Scan# 1417

Delta R.T. -0.026 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

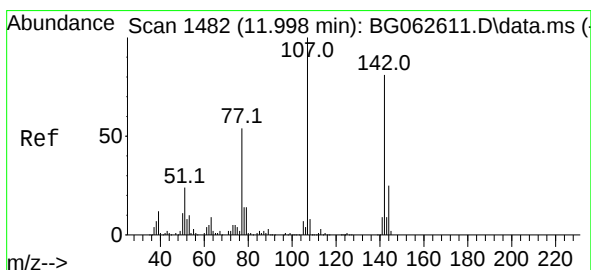
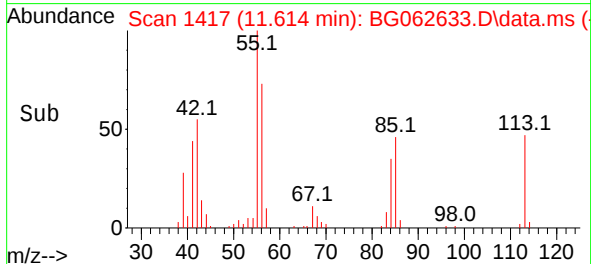
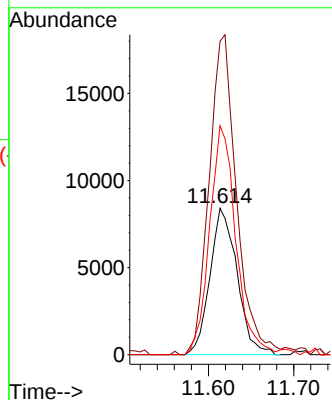
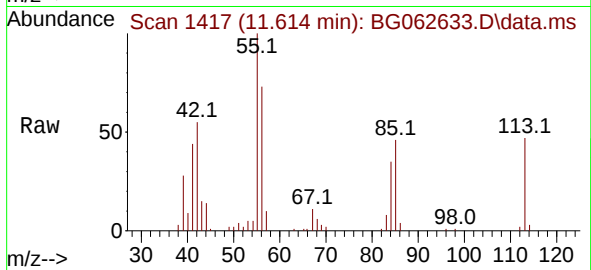
Tgt Ion:113 Resp: 18639

Ion Ratio Lower Upper

113 100

55 213.9 174.1 214.1

56 156.3 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 9.334 ng

RT: 11.990 min Scan# 1481

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

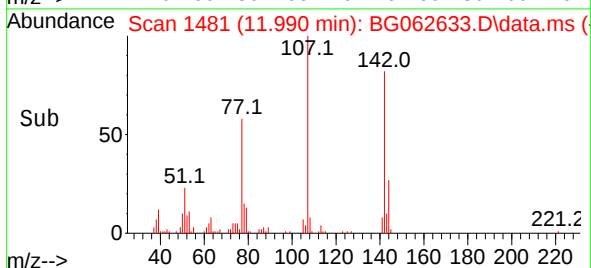
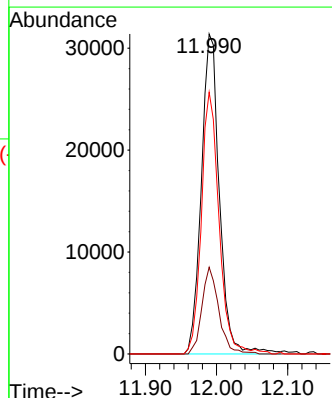
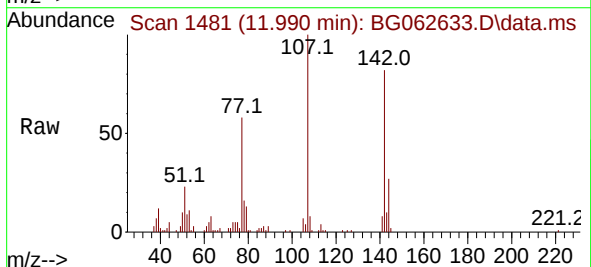
Tgt Ion:107 Resp: 55655

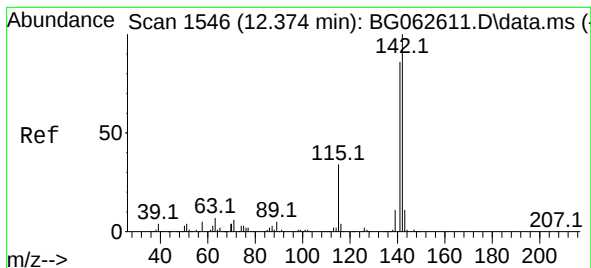
Ion Ratio Lower Upper

107 100

144 27.1 19.8 29.8

142 81.8 64.7 97.1

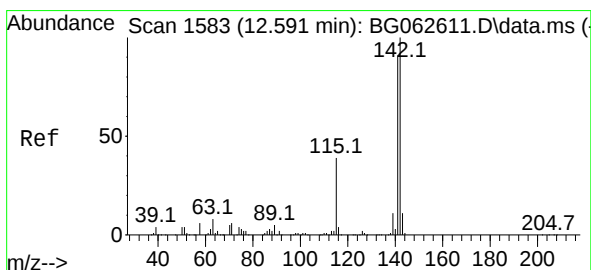
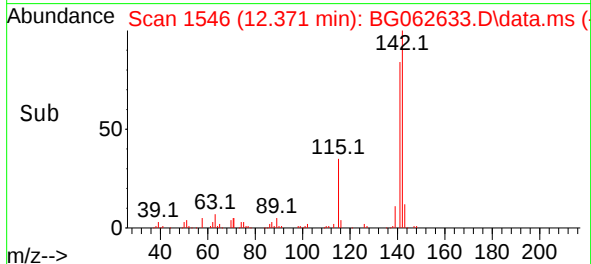
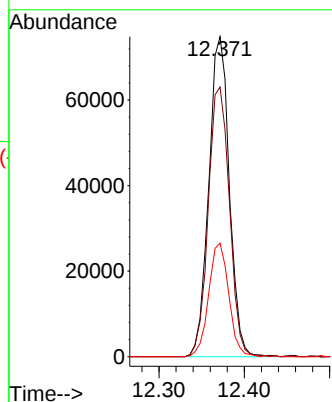
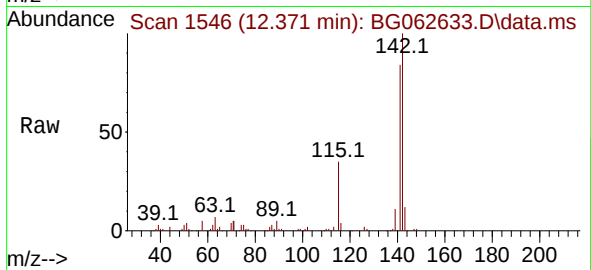




#37
2-Methylnaphthalene
Concen: 10.073 ng
RT: 12.371 min Scan# 1546
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

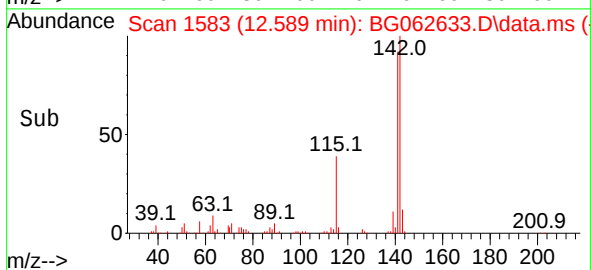
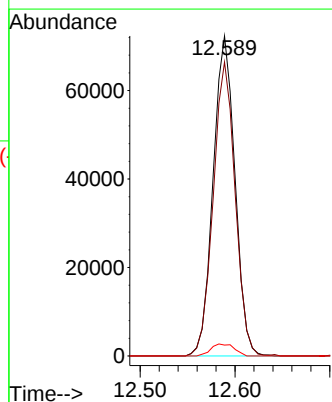
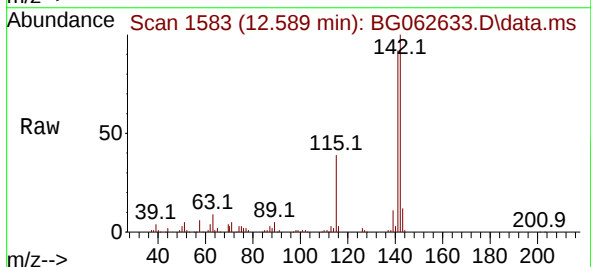
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2024

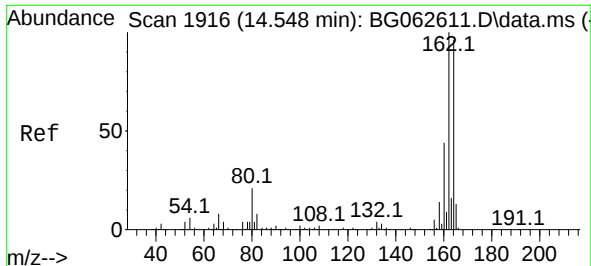
Tgt Ion:142 Resp: 125254
Ion Ratio Lower Upper
142 100
141 84.3 68.9 103.3
115 35.5 27.5 41.3



#38
1-Methylnaphthalene
Concen: 9.258 ng
RT: 12.589 min Scan# 1583
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:142 Resp: 115594
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4
116 3.4 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062633.D

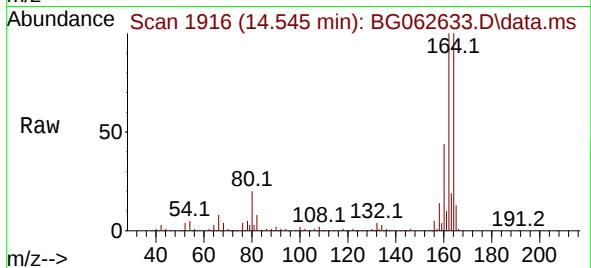
Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024



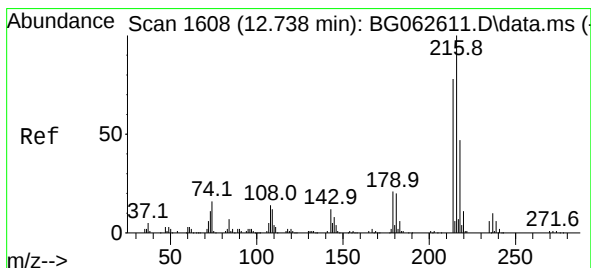
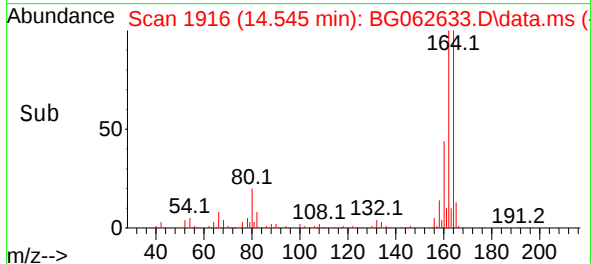
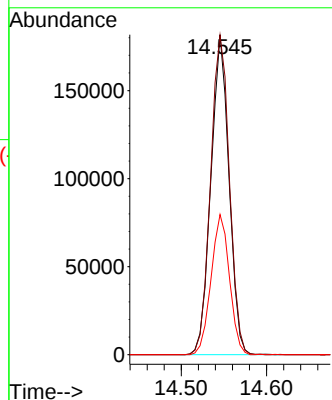
Tgt Ion:164 Resp: 267825

Ion Ratio Lower Upper

164 100

162 99.8 83.1 124.7

160 43.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.255 ng

RT: 12.736 min Scan# 1608

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Tgt Ion:216 Resp: 82596

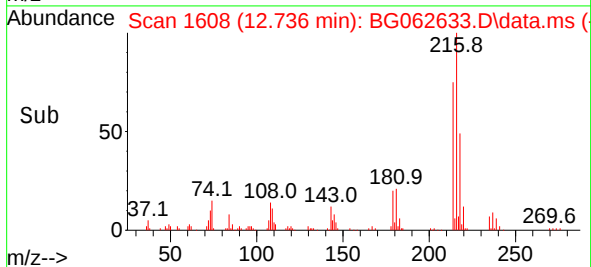
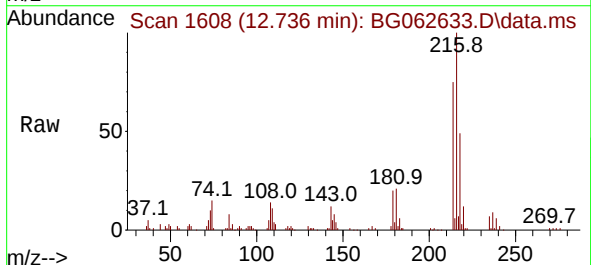
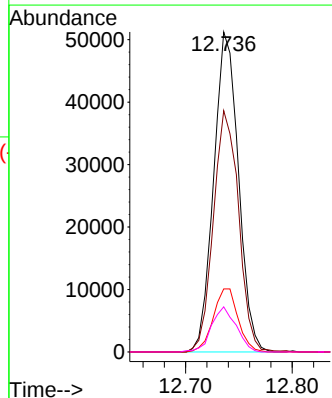
Ion Ratio Lower Upper

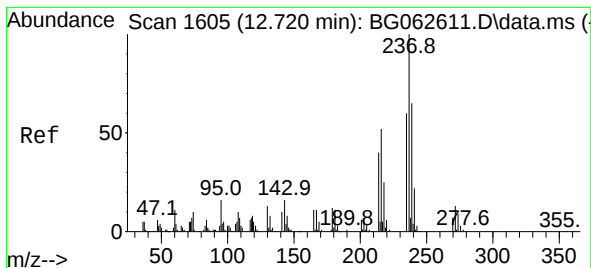
216 100

214 76.8 61.6 92.4

179 19.8 15.9 23.9

108 14.1 11.4 17.0





#41

Hexachlorocyclopentadiene

Concen: 9.359 ng

RT: 12.724 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

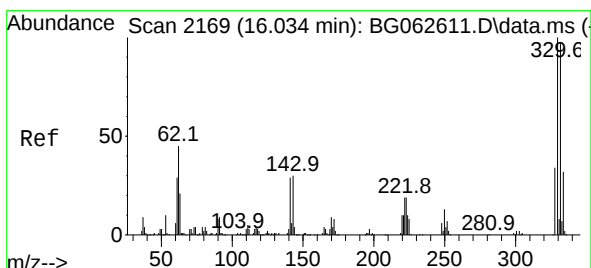
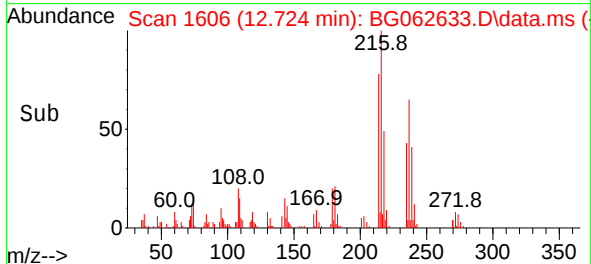
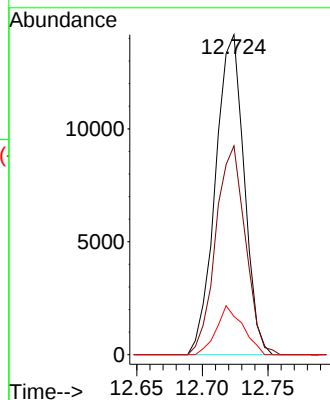
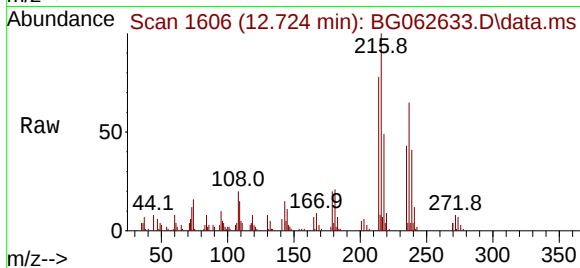
Tgt Ion:237 Resp: 21507

Ion Ratio Lower Upper

237 100

235 65.3 40.4 80.4

272 11.9 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 129.609 ng

RT: 16.038 min Scan# 2170

Delta R.T. 0.004 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

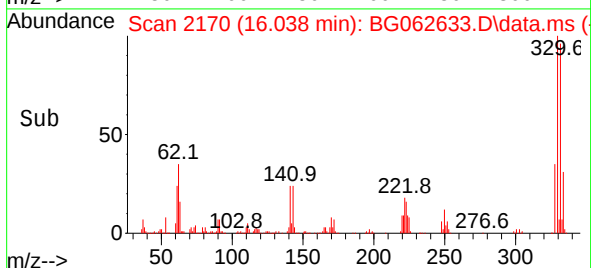
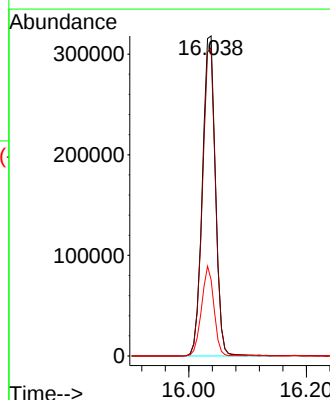
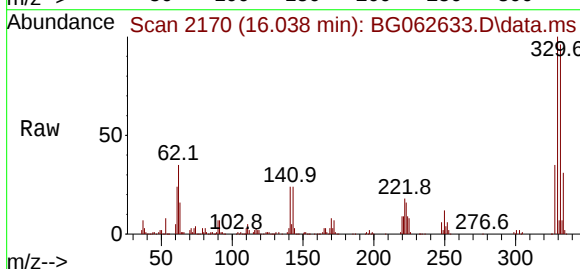
Tgt Ion:330 Resp: 488513

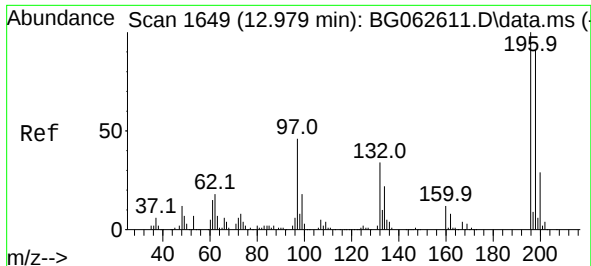
Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 26.6 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 9.751 ng

RT: 12.977 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

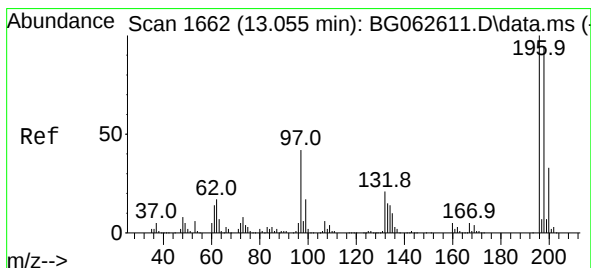
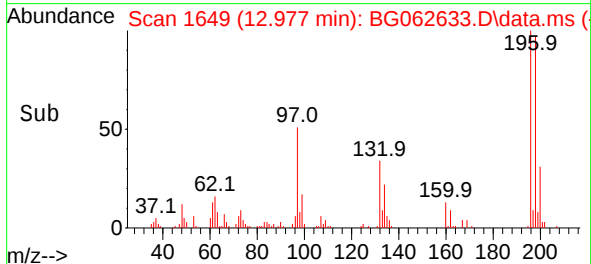
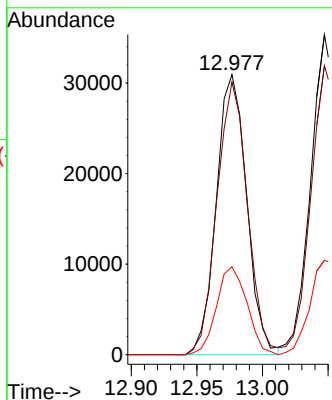
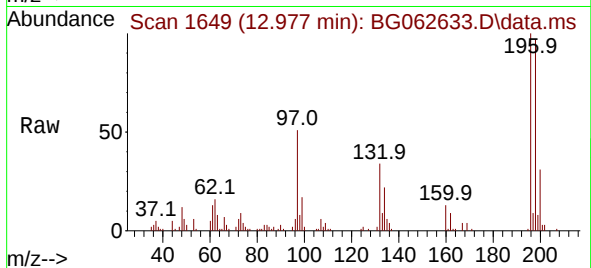
Tgt Ion:196 Resp: 49790

Ion Ratio Lower Upper

196 100

198 97.2 72.8 109.2

200 31.4 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 10.335 ng

RT: 13.047 min Scan# 1661

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Tgt Ion:196 Resp: 59761

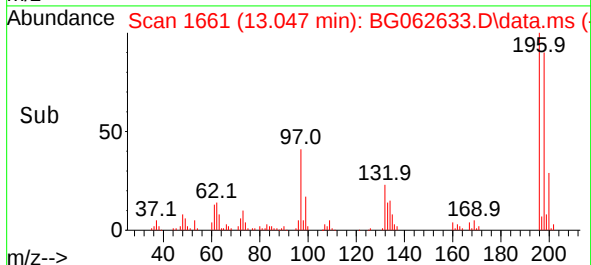
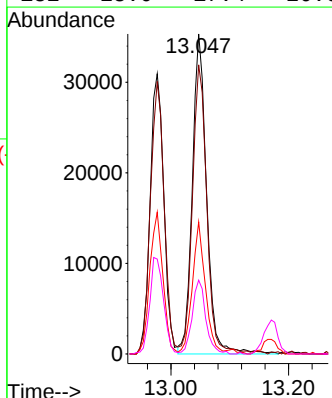
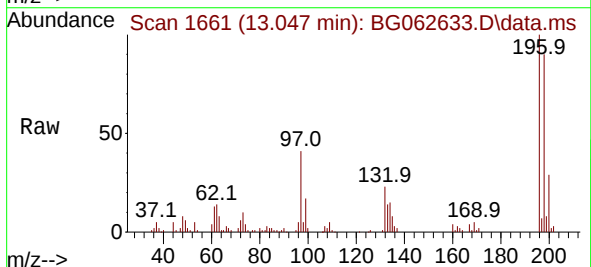
Ion Ratio Lower Upper

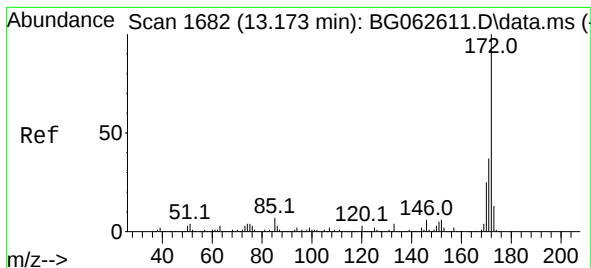
196 100

198 90.4 75.5 113.3

97 41.2 34.1 51.1

132 23.0 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 80.938 ng

RT: 13.171 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

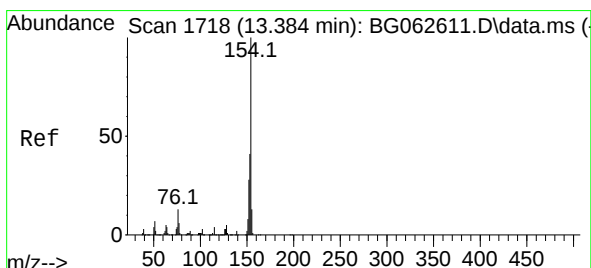
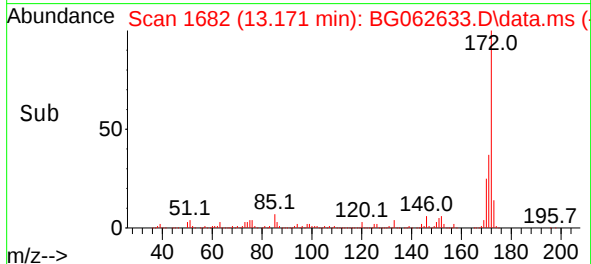
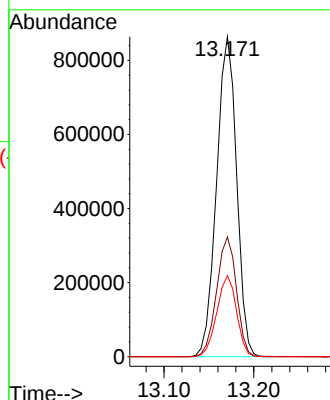
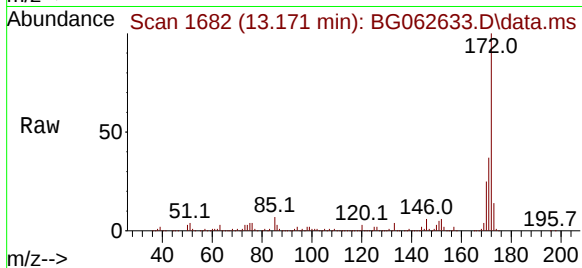
Tgt Ion:172 Resp: 1338272

Ion Ratio Lower Upper

172 100

171 37.4 29.7 44.5

170 25.3 20.0 30.0



#46

1,1'-Biphenyl

Concen: 10.152 ng

RT: 13.376 min Scan# 1717

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

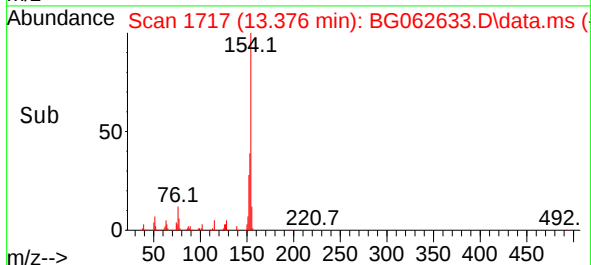
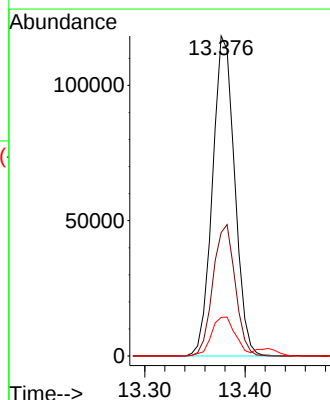
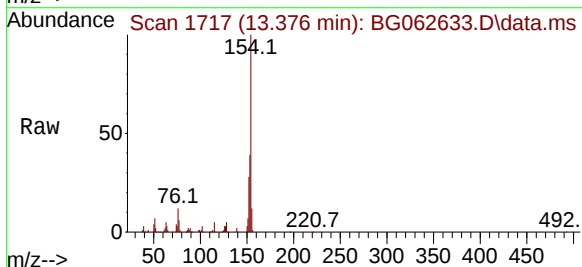
Tgt Ion:154 Resp: 181394

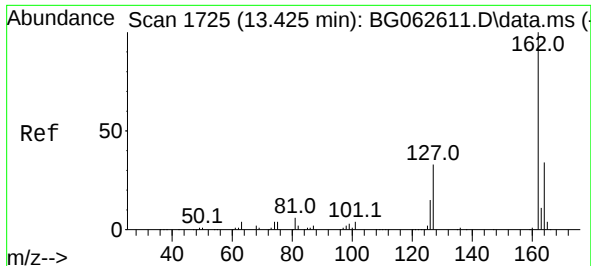
Ion Ratio Lower Upper

154 100

153 38.5 20.8 60.8

76 12.0 0.0 33.4





#47

2-Chloronaphthalene

Concen: 9.956 ng

RT: 13.423 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

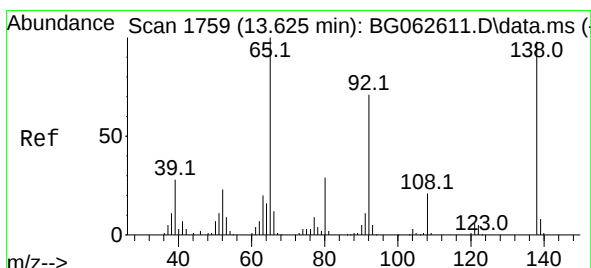
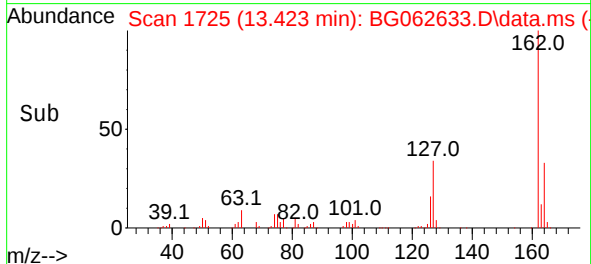
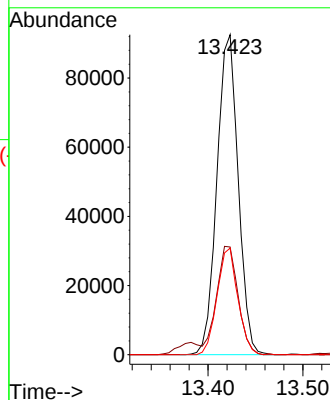
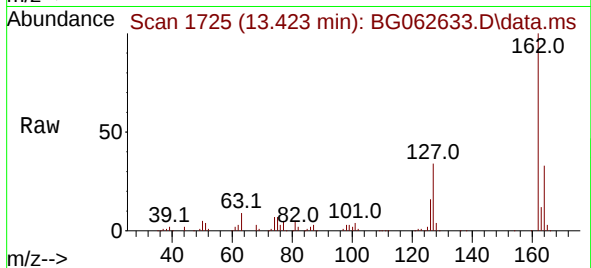
Tgt Ion:162 Resp: 144172

Ion Ratio Lower Upper

162 100

127 33.6 28.7 43.1

164 33.3 26.9 40.3



#48

2-Nitroaniline

Concen: 9.843 ng

RT: 13.617 min Scan# 1758

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

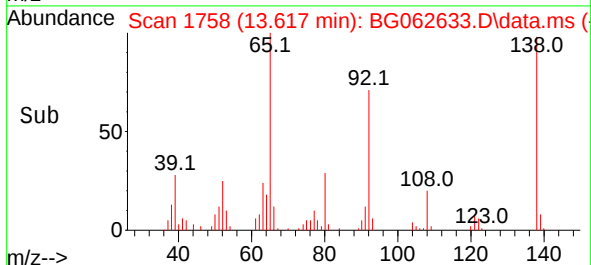
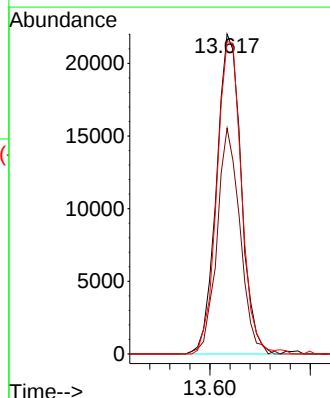
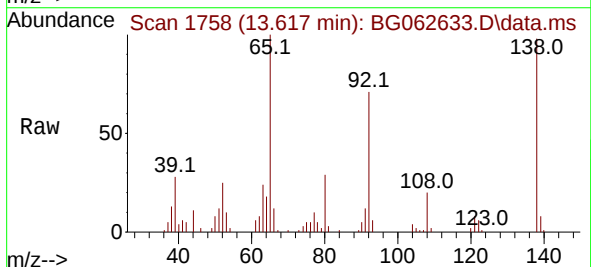
Tgt Ion: 65 Resp: 37489

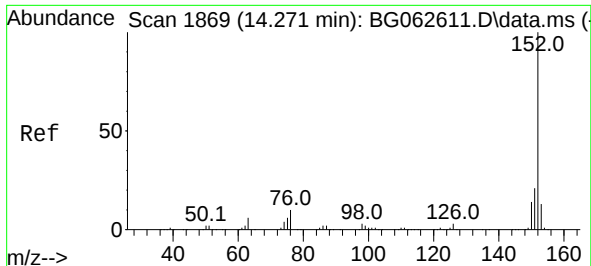
Ion Ratio Lower Upper

65 100

92 70.5 56.6 84.8

138 97.6 78.7 118.1





#49

Acenaphthylene

Concen: 10.758 ng

RT: 14.269 min Scan# 1869

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

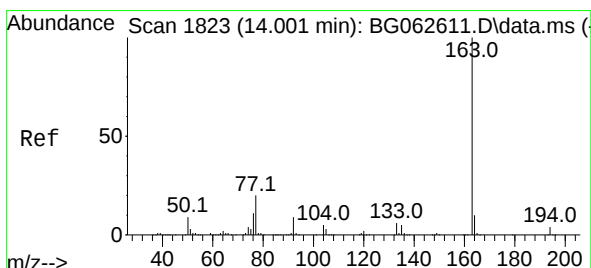
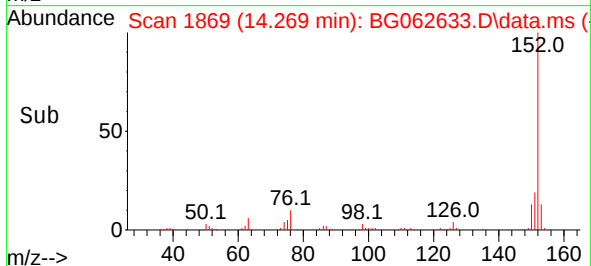
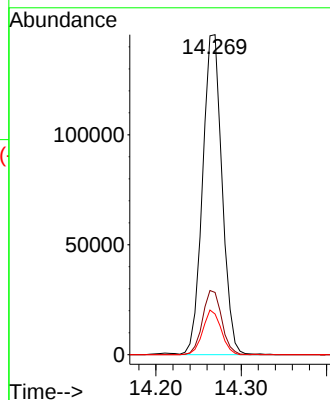
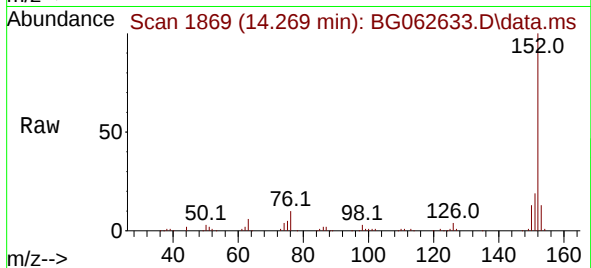
Tgt Ion:152 Resp: 230692

Ion Ratio Lower Upper

152 100

151 19.5 16.6 24.8

153 12.7 10.2 15.4



#50

Dimethylphthalate

Concen: 10.155 ng

RT: 13.999 min Scan# 1823

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

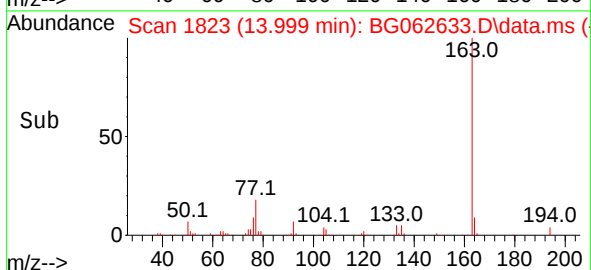
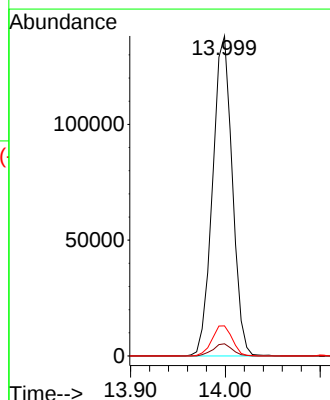
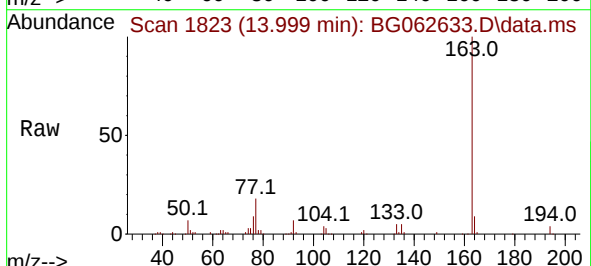
Tgt Ion:163 Resp: 198874

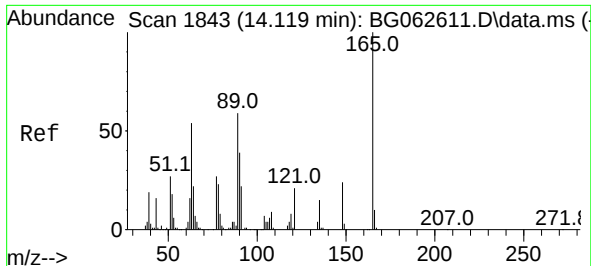
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 9.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 9.772 ng

RT: 14.116 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

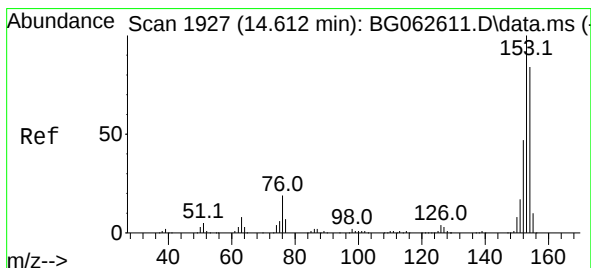
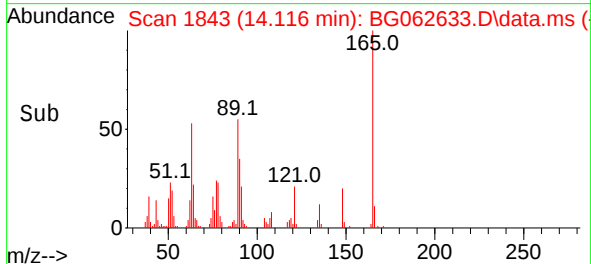
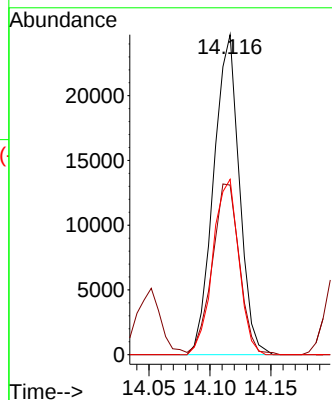
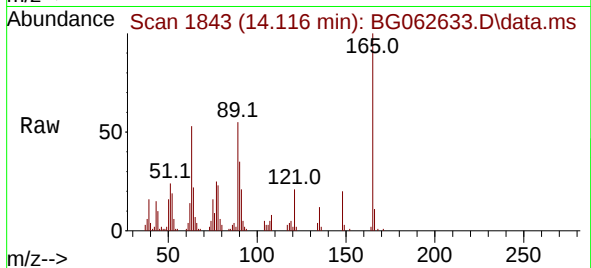
Tgt Ion:165 Resp: 36198

Ion Ratio Lower Upper

165 100

63 53.0 46.6 69.8

89 54.8 47.2 70.8



#52

Acenaphthene

Concen: 10.099 ng

RT: 14.610 min Scan# 1927

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

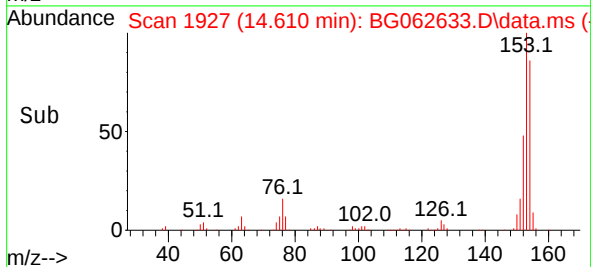
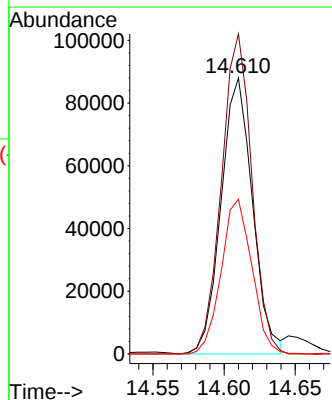
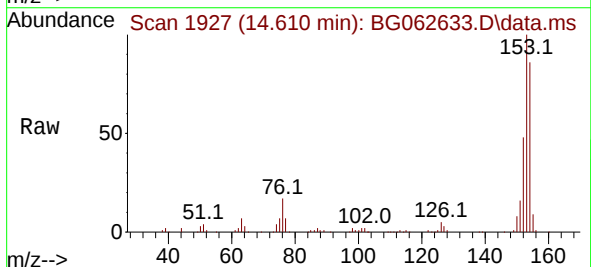
Tgt Ion:154 Resp: 135384

Ion Ratio Lower Upper

154 100

153 116.0 95.0 142.4

152 56.1 45.0 67.6

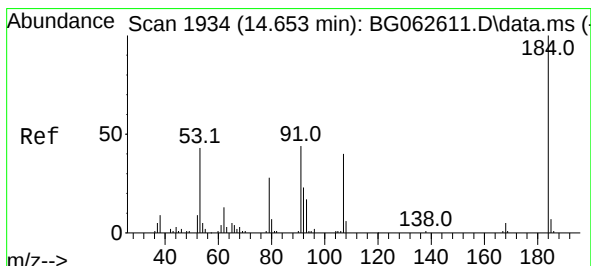
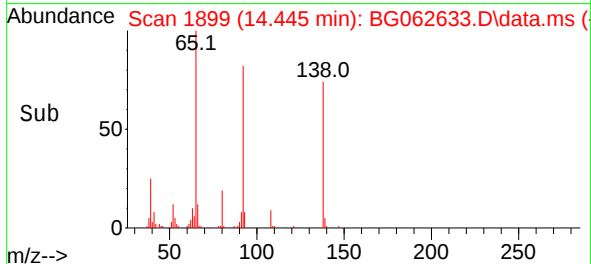
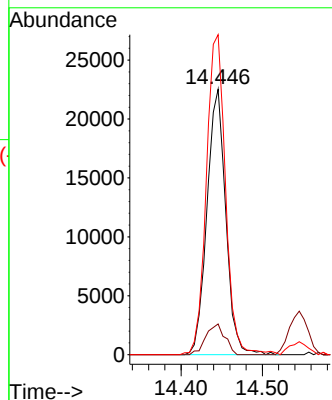
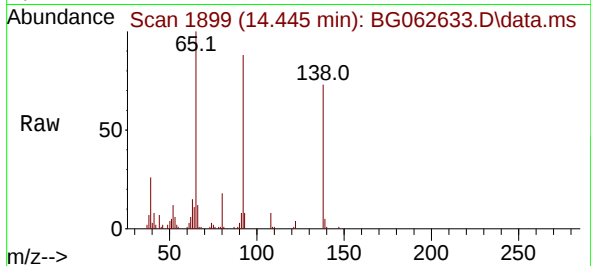




#53
3-Nitroaniline
Concen: 10.099 ng
RT: 14.445 min Scan# 1899
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

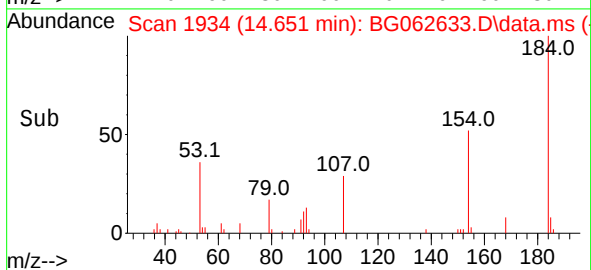
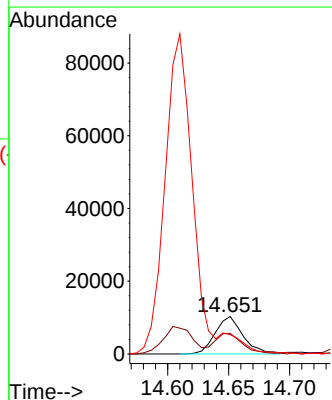
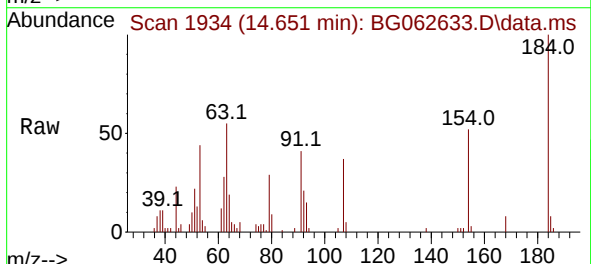
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

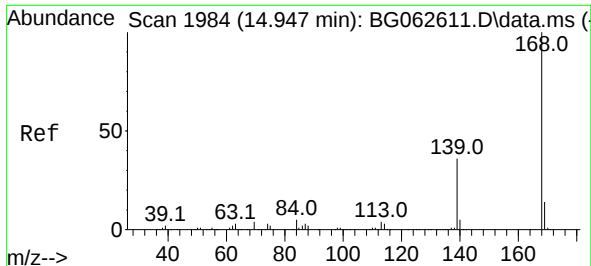
Tgt Ion:138 Resp: 36196
Ion Ratio Lower Upper
138 100
108 11.6 8.6 13.0
92 120.5 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 7.877 ng
RT: 14.651 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:184 Resp: 16374
Ion Ratio Lower Upper
184 100
63 54.9 49.0 73.4
154 51.5 50.5 75.7

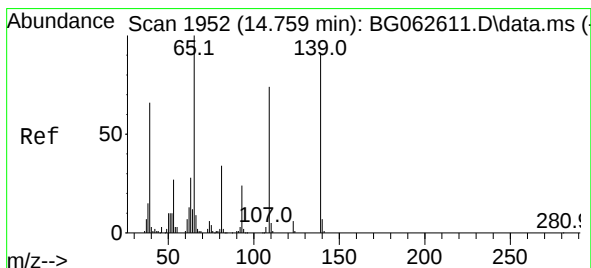
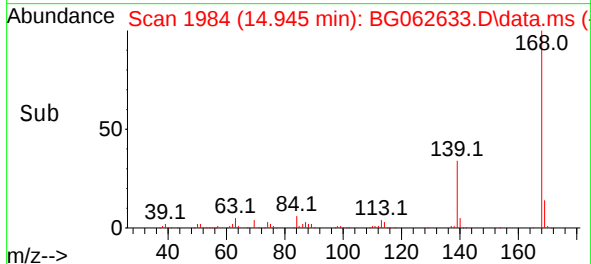
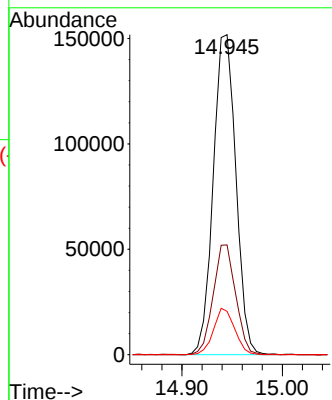
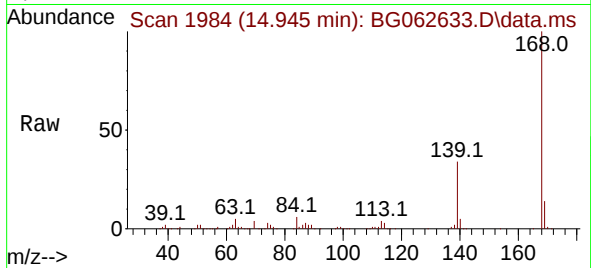




#55
Dibenzenofuran
Concen: 10.354 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

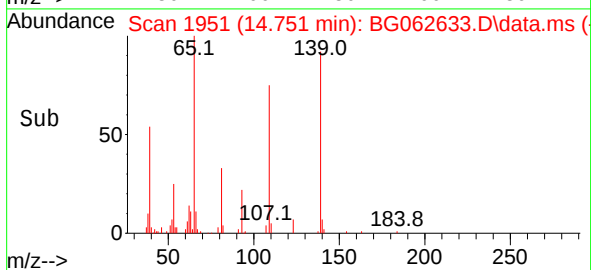
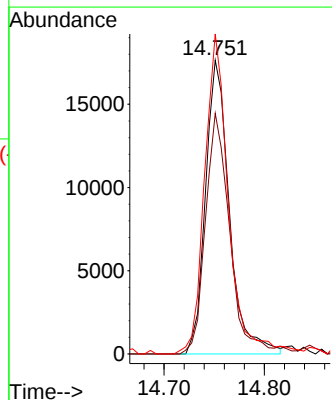
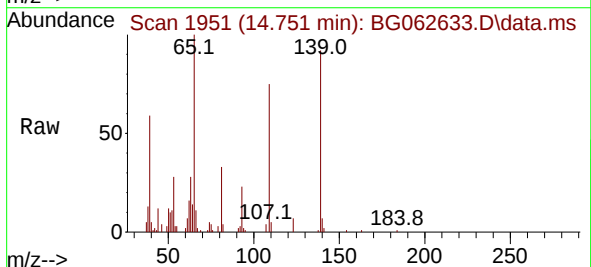
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

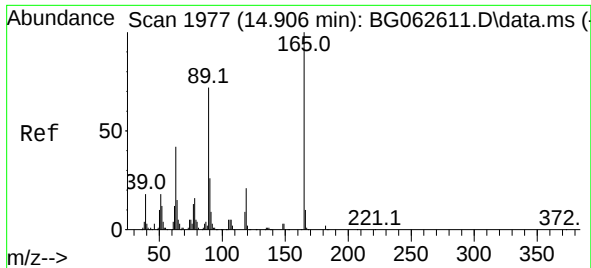
Tgt Ion:168 Resp: 238048
Ion Ratio Lower Upper
168 100
139 34.3 28.6 42.8
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 9.608 ng
RT: 14.751 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:139 Resp: 29187
Ion Ratio Lower Upper
139 100
109 81.9 61.2 101.2
65 108.9 90.2 130.2

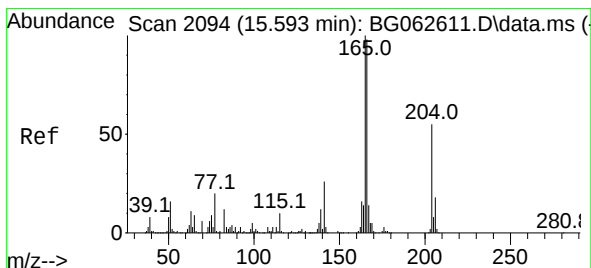
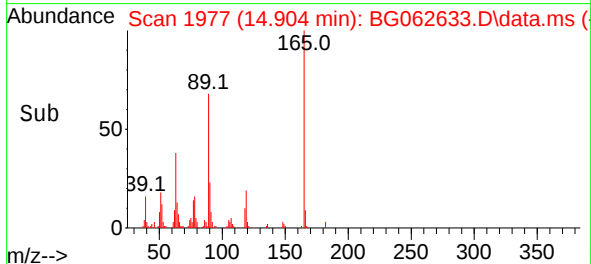
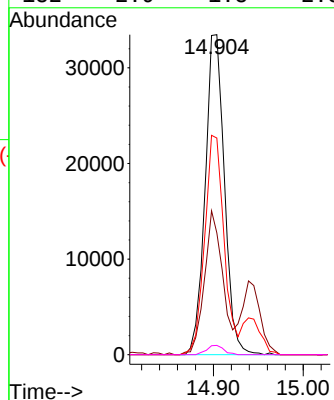
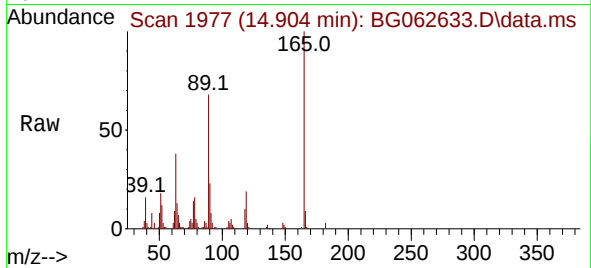




#57
2,4-Dinitrotoluene
Concen: 9.891 ng
RT: 14.904 min Scan# 1977
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

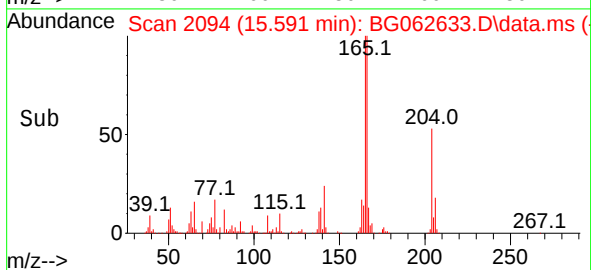
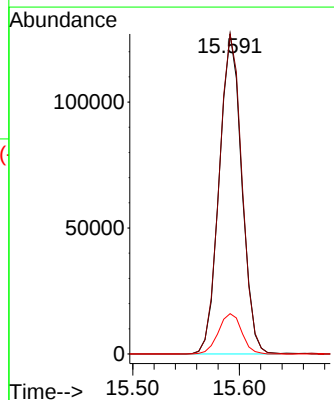
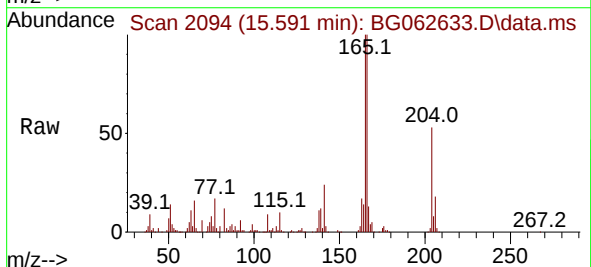
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

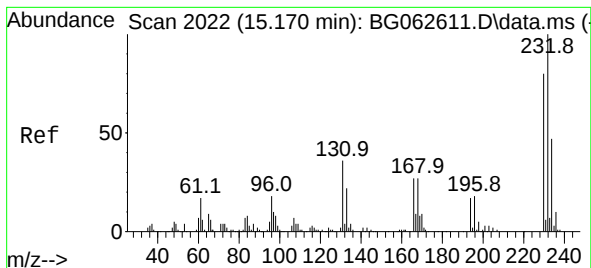
Tgt Ion:165 Resp: 49993
Ion Ratio Lower Upper
165 100
63 38.0 33.8 50.6
89 67.7 57.9 86.9
182 2.9 1.8 2.8#



#58
Fluorene
Concen: 10.280 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:166 Resp: 185487
Ion Ratio Lower Upper
166 100
165 99.9 82.0 123.0
167 12.6 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.487 ng

RT: 15.168 min Scan# 2022

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:232 Resp: 57446

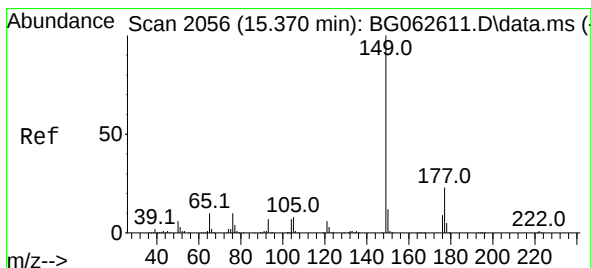
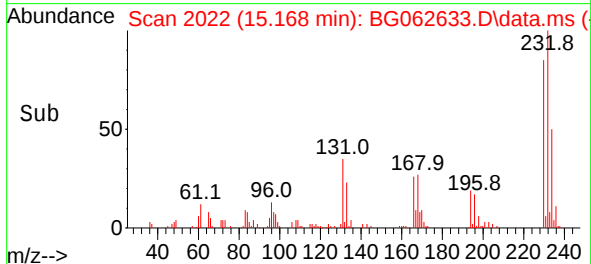
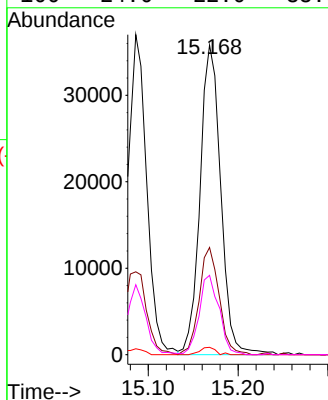
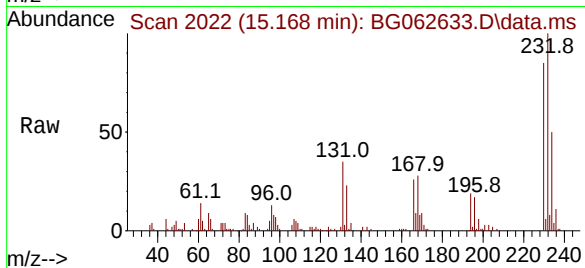
Ion Ratio Lower Upper

232 100

131 33.3 28.3 42.5

130 1.8 1.7 2.5

166 24.6 22.0 33.0



#60

Diethylphthalate

Concen: 9.810 ng

RT: 15.362 min Scan# 2055

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

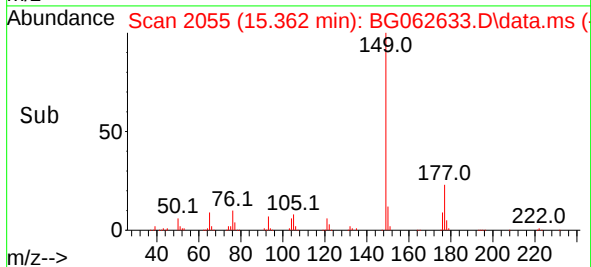
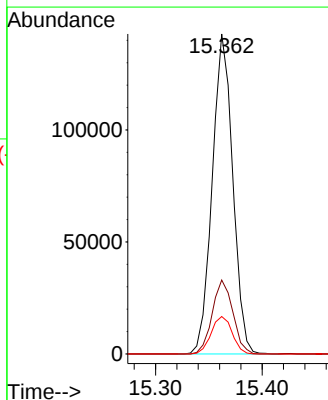
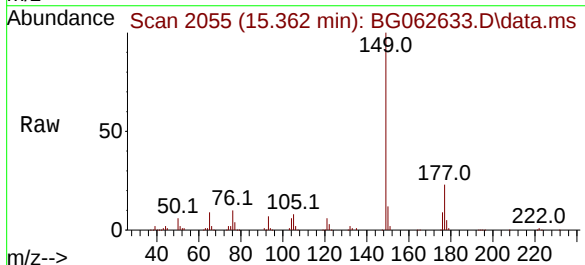
Tgt Ion:149 Resp: 190417

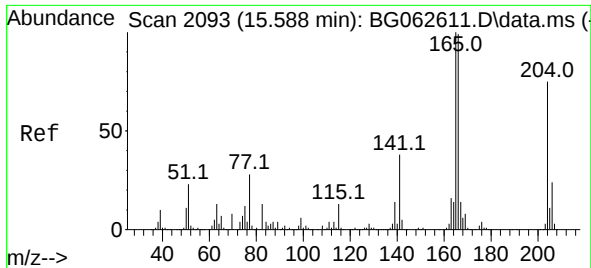
Ion Ratio Lower Upper

149 100

177 23.1 18.0 27.0

150 11.7 9.8 14.8

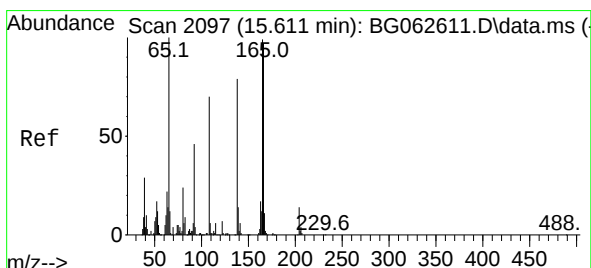
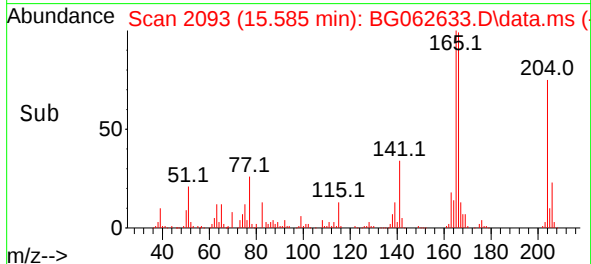
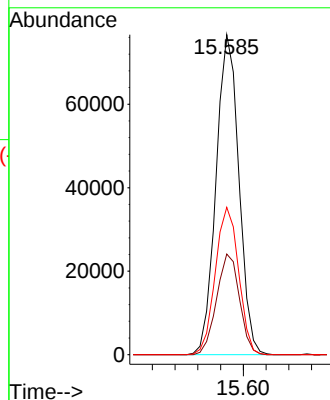
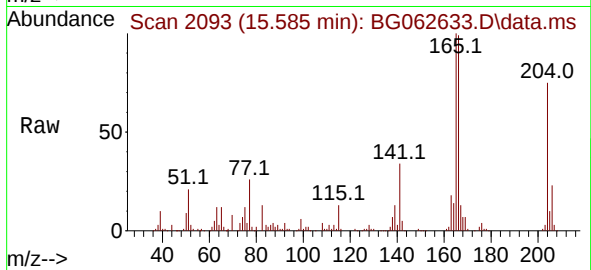




#61
4-Chlorophenyl-phenylether
Concen: 10.324 ng
RT: 15.585 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

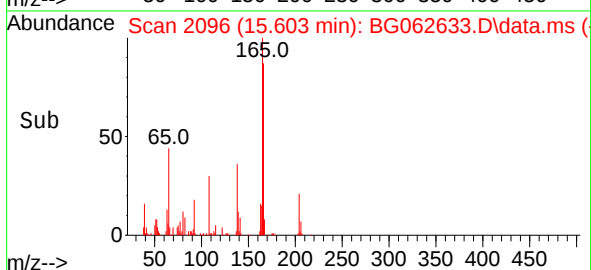
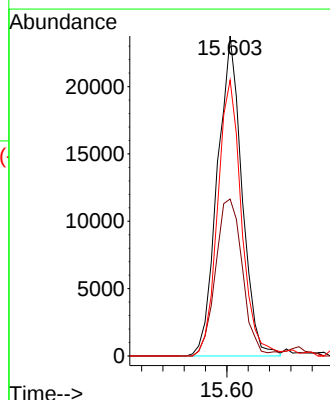
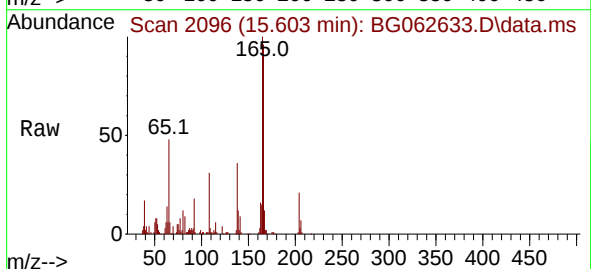
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

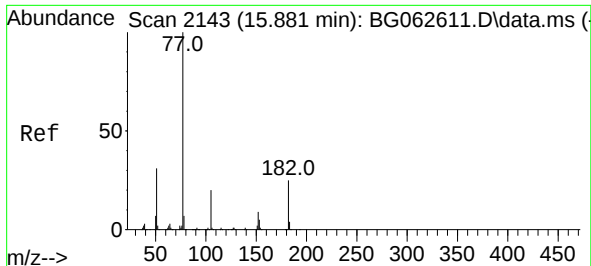
Tgt Ion:204 Resp: 106939
Ion Ratio Lower Upper
204 100
206 31.5 25.9 38.9
141 46.0 41.0 61.6



#62
4-Nitroaniline
Concen: 9.618 ng
RT: 15.603 min Scan# 2096
Delta R.T. -0.008 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:138 Resp: 38013
Ion Ratio Lower Upper
138 100
92 49.1 38.4 78.4
108 86.2 69.0 109.0

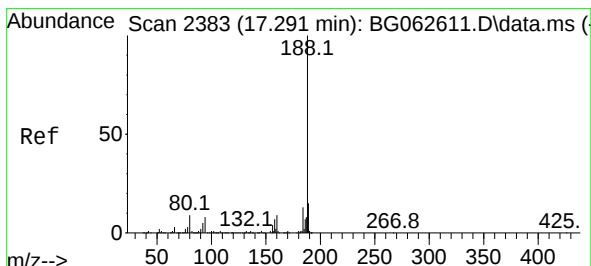
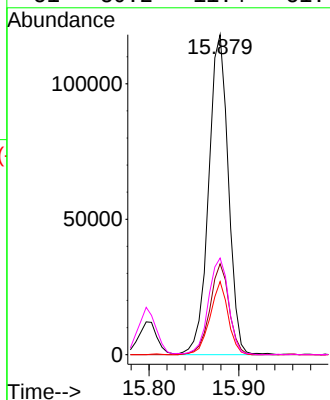
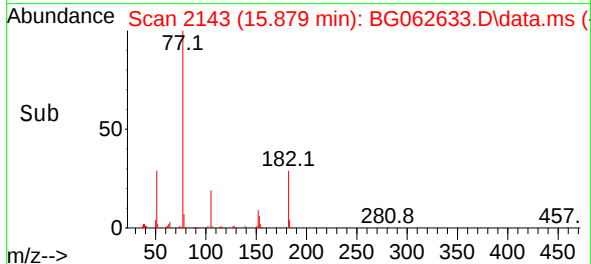
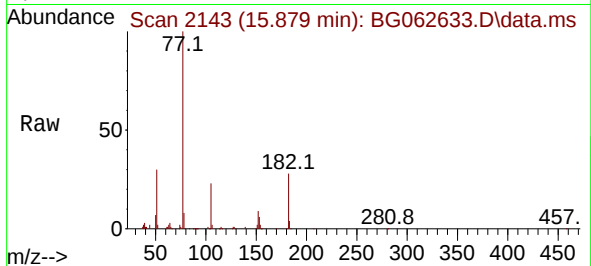




#63
Azobenzene
Concen: 9.859 ng
RT: 15.879 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

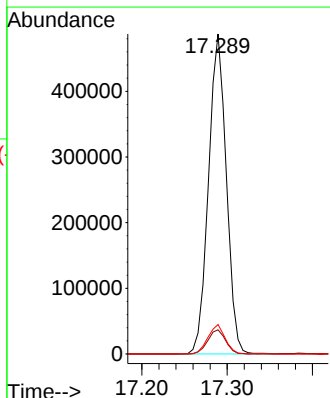
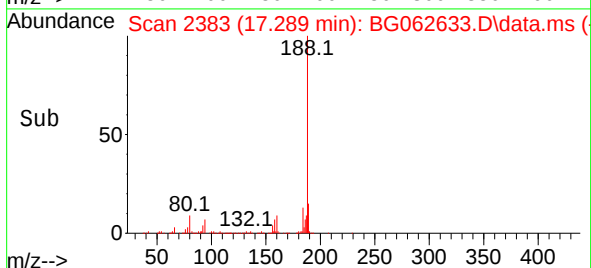
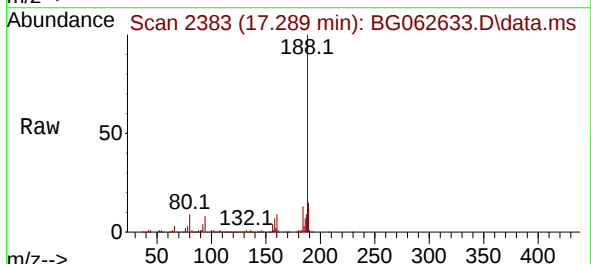
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

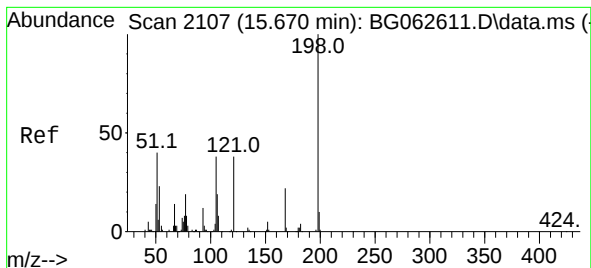
Tgt Ion: 77 Resp: 179702
Ion Ratio Lower Upper
77 100
182 28.4 5.0 45.0
105 22.8 0.5 40.5
51 30.2 11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:188 Resp: 707098
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 9.2 7.0 10.4

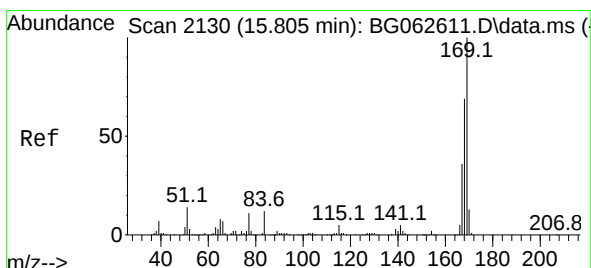
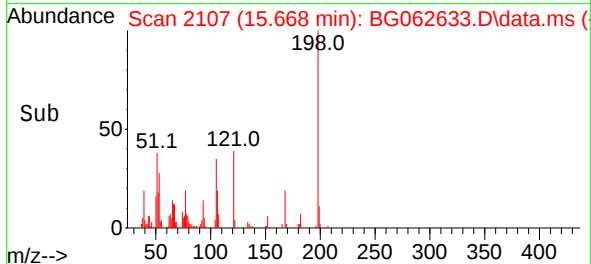
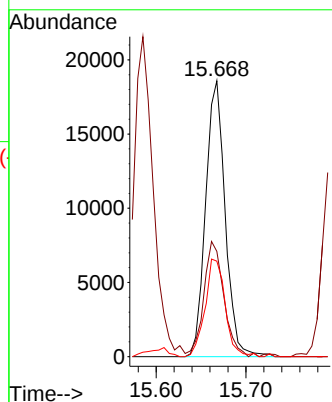
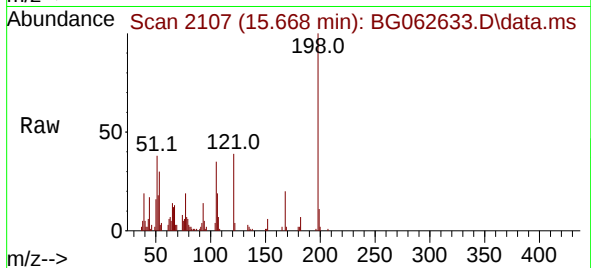




#65
4,6-Dinitro-2-methylphenol
Concen: 8.913 ng
RT: 15.668 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

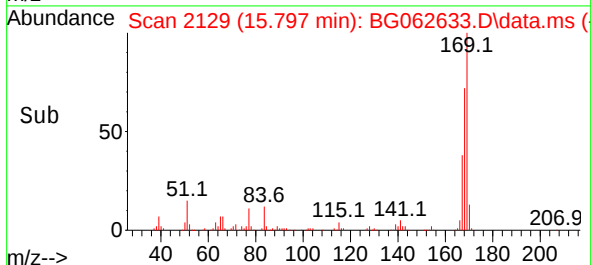
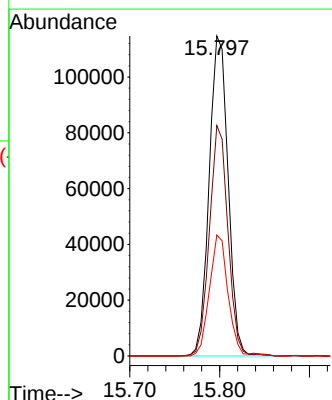
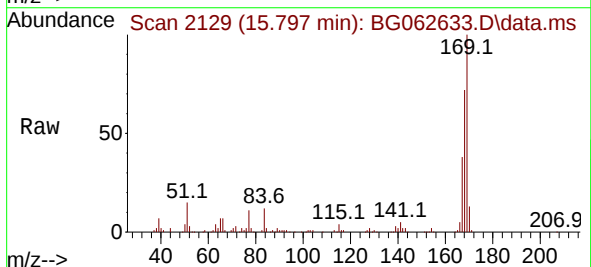
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

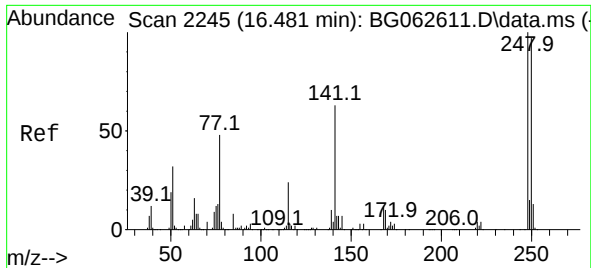
Tgt Ion:198 Resp: 28126
Ion Ratio Lower Upper
198 100
51 38.1 25.1 65.1
105 34.6 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 9.864 ng
RT: 15.797 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

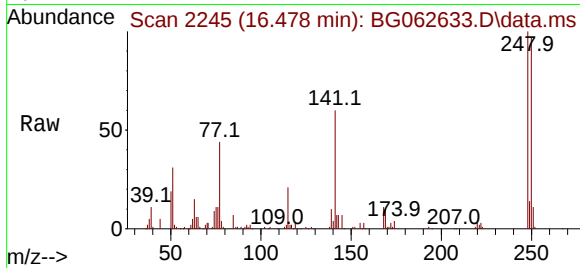
Tgt Ion:169 Resp: 167693
Ion Ratio Lower Upper
169 100
168 72.0 55.4 83.2
167 37.8 29.0 43.6



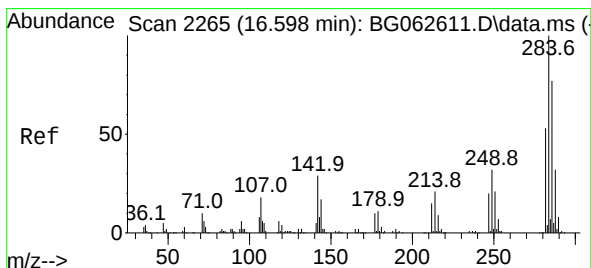
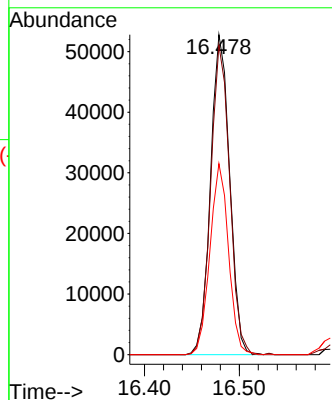
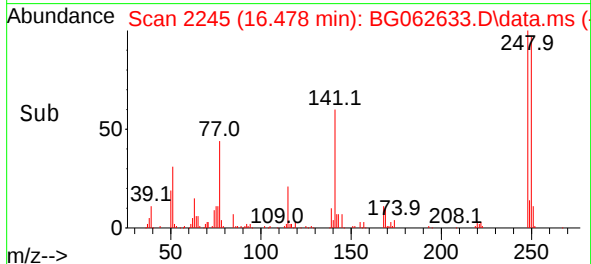


#67
4-Bromophenyl-phenylether
Concen: 10.130 ng
RT: 16.478 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

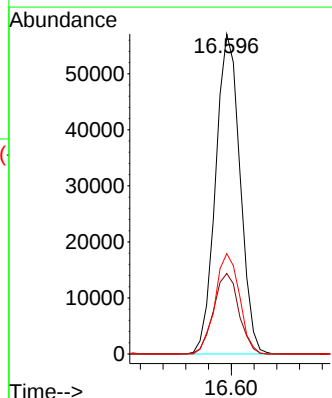
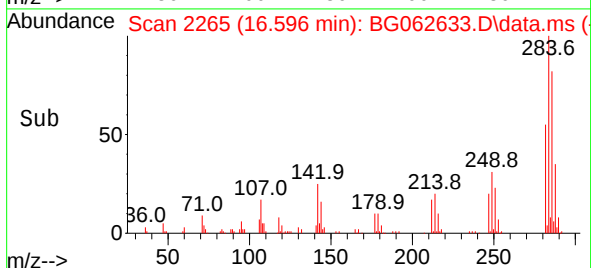
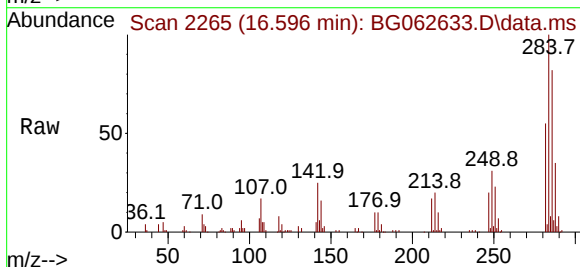


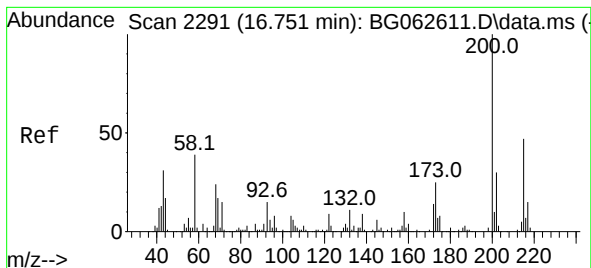
Tgt Ion:248 Resp: 73923
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 59.7 50.2 75.2



#68
Hexachlorobenzene
Concen: 9.856 ng
RT: 16.596 min Scan# 2265
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:284 Resp: 85180
Ion Ratio Lower Upper
284 100
142 25.1 23.5 35.3
249 31.3 25.4 38.0





#69

Atrazine

Concen: 12.384 ng

RT: 16.743 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

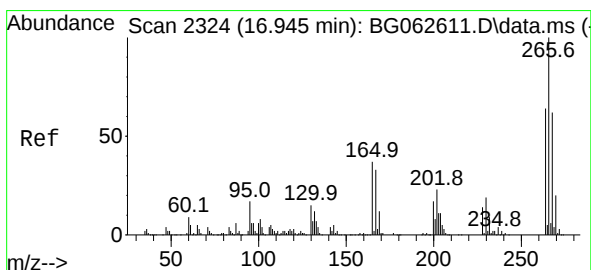
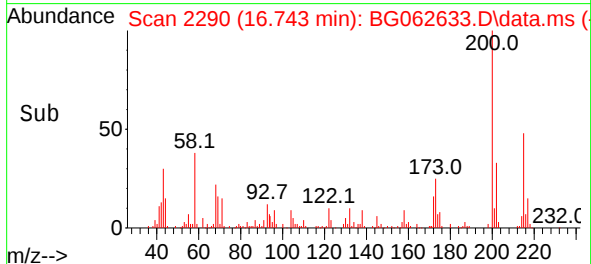
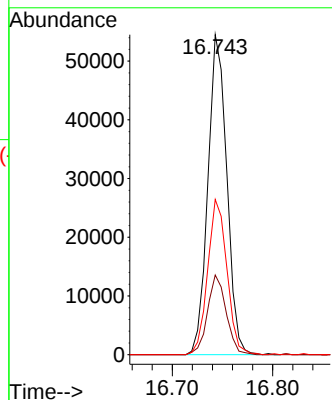
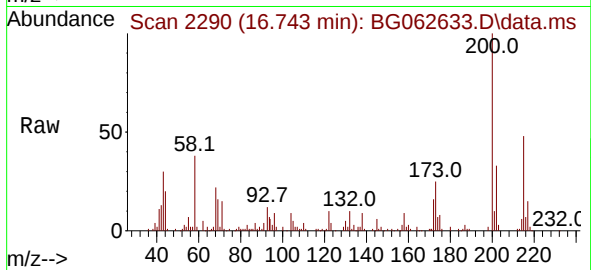
Tgt Ion:200 Resp: 71507

Ion Ratio Lower Upper

200 100

173 24.9 5.2 45.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 8.107 ng

RT: 16.943 min Scan# 2324

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

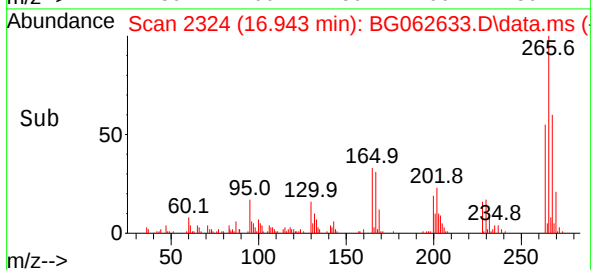
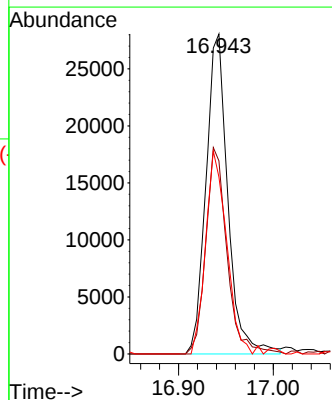
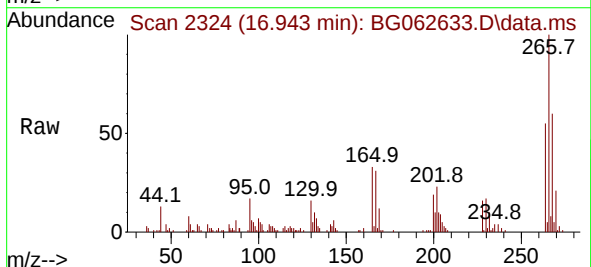
Tgt Ion:266 Resp: 44877

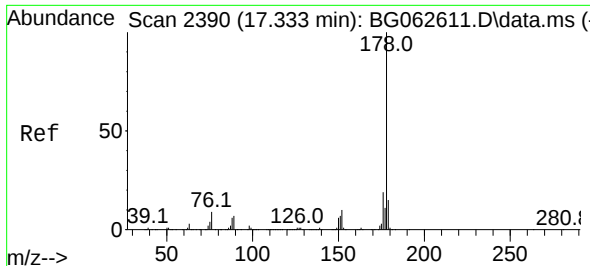
Ion Ratio Lower Upper

266 100

268 65.3 52.6 79.0

264 55.3 51.6 77.4

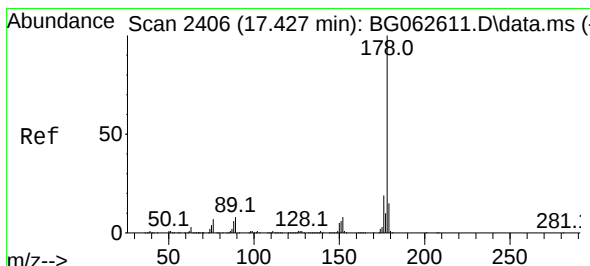
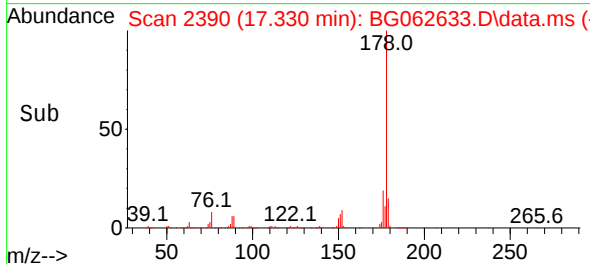
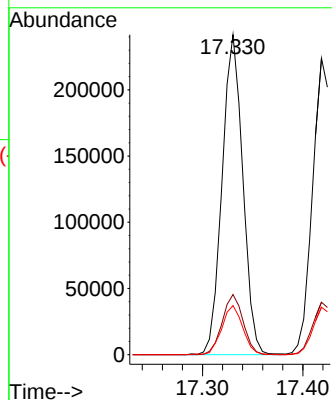
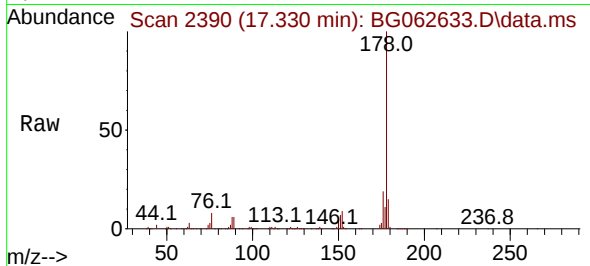




#71
Phenanthrene
Concen: 10.454 ng
RT: 17.330 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

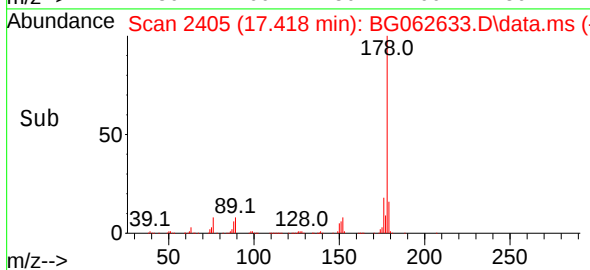
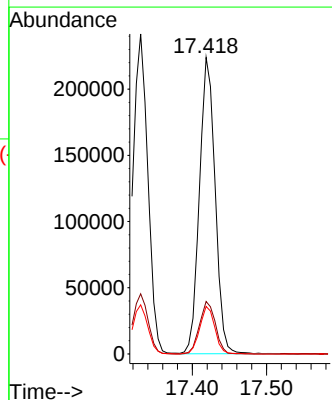
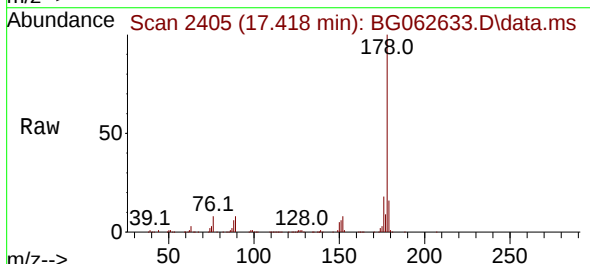
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

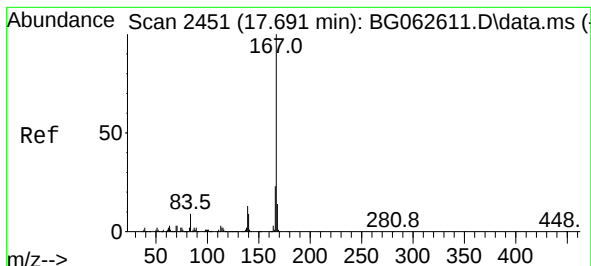
Tgt Ion:178 Resp: 345042
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 10.177 ng
RT: 17.418 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:178 Resp: 330253
Ion Ratio Lower Upper
178 100
176 17.7 15.2 22.8
179 16.1 12.0 18.0





#73

Carbazole

Concen: 10.068 ng

RT: 17.689 min Scan# 2451

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

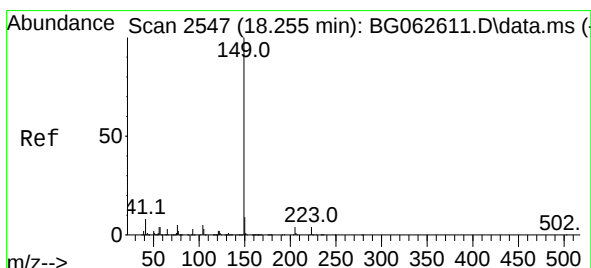
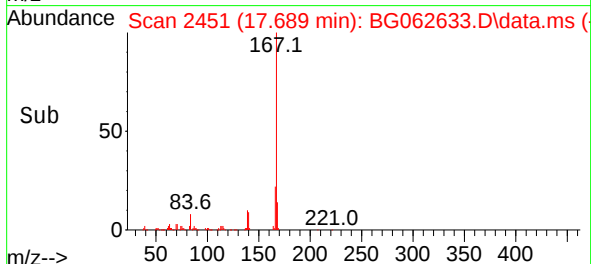
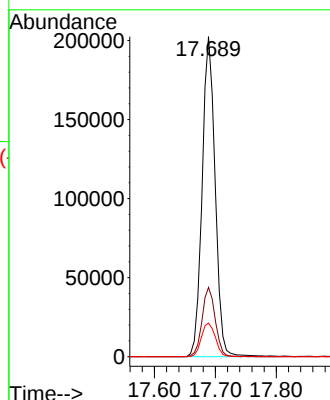
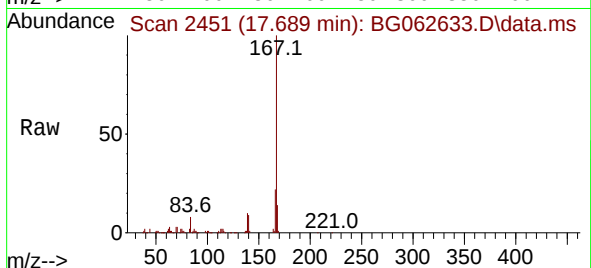
Tgt Ion:167 Resp: 300354

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

139 10.5 10.1 15.1



#74

Di-n-butylphthalate

Concen: 9.825 ng

RT: 18.253 min Scan# 2547

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

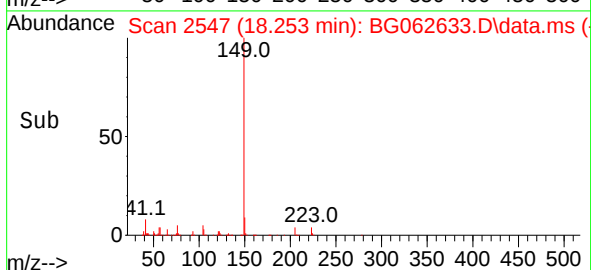
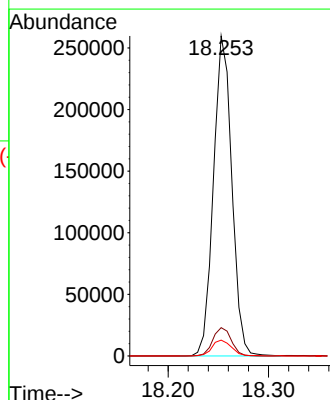
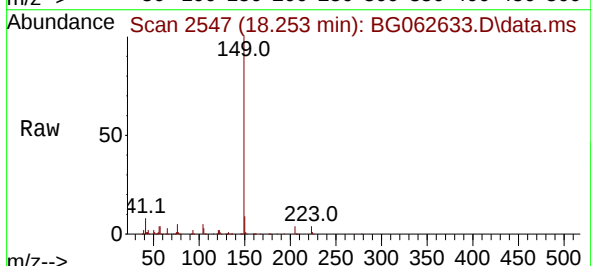
Tgt Ion:149 Resp: 330526

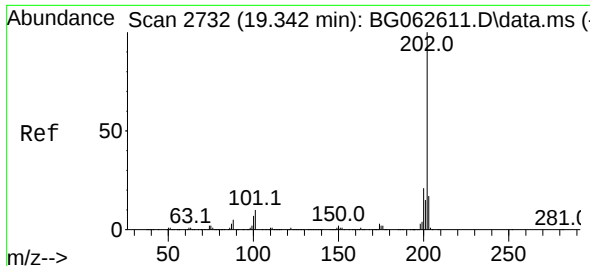
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.0 4.2 6.2

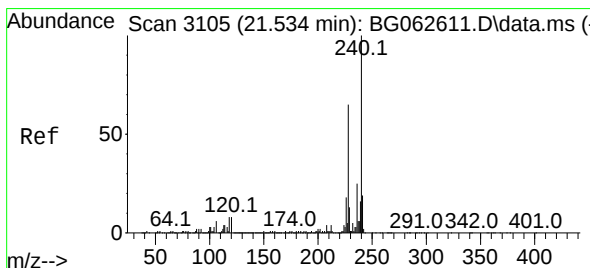
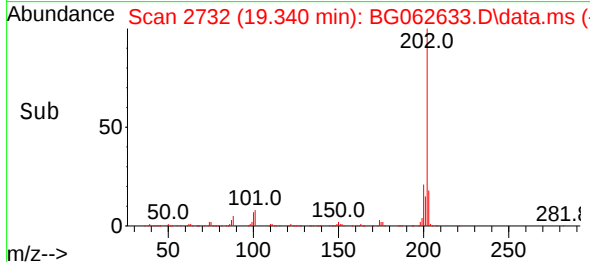
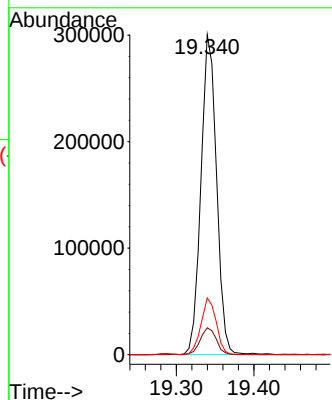
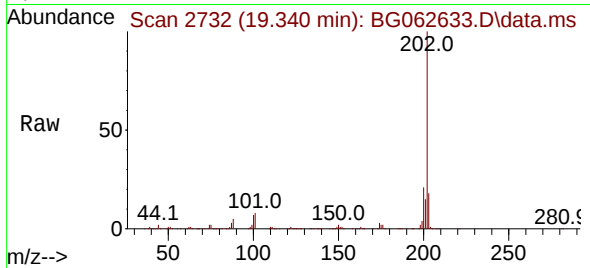




#75
Fluoranthene
Concen: 10.065 ng
RT: 19.340 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

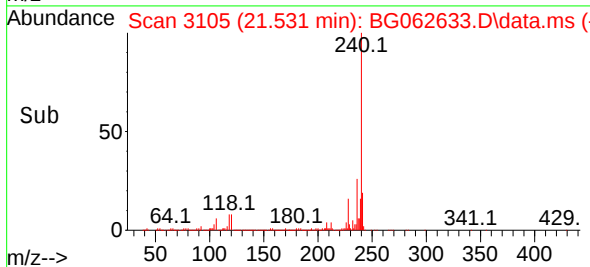
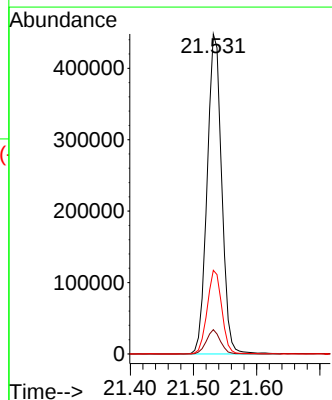
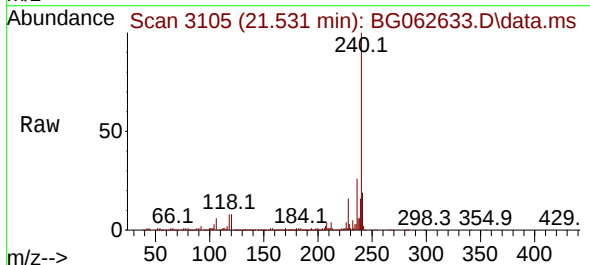
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

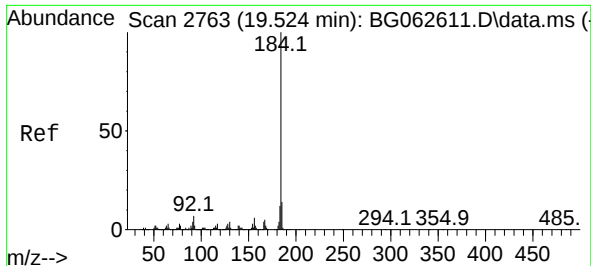
Tgt Ion:202 Resp: 420135
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.6
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.531 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:240 Resp: 716556
Ion Ratio Lower Upper
240 100
120 7.6 6.6 9.8
236 26.2 20.2 30.4

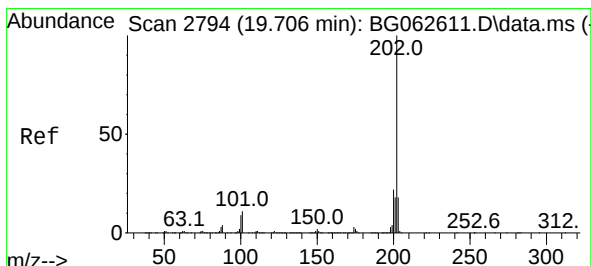
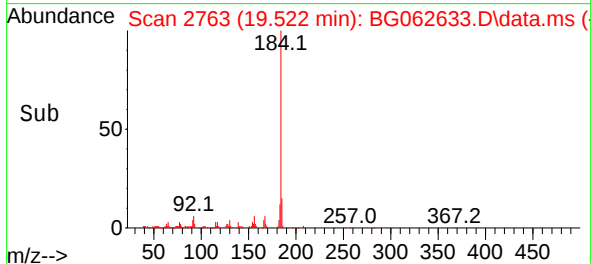
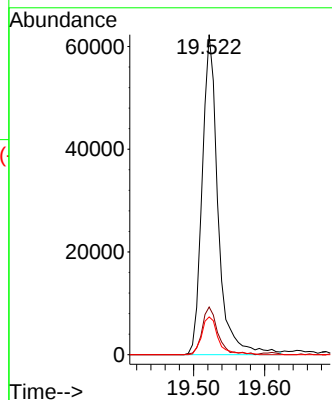
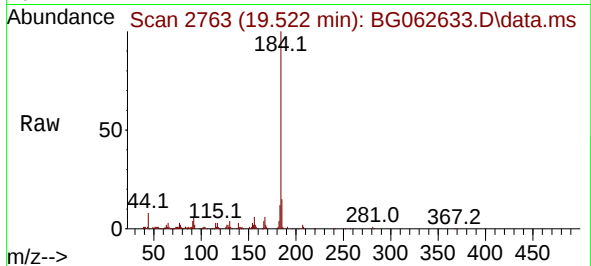




#77
Benzidine
Concen: 7.521 ng
RT: 19.522 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

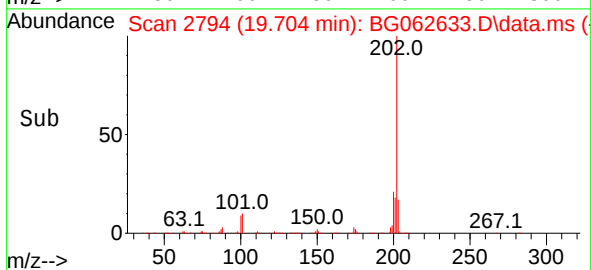
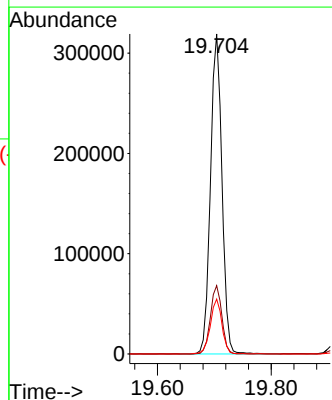
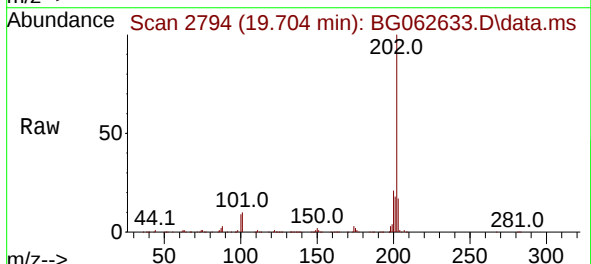
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

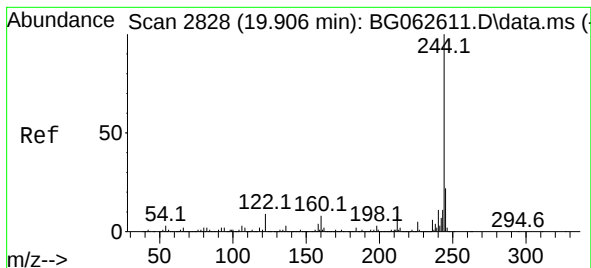
Tgt Ion:184 Resp: 97141
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 11.8 9.7 14.5



#78
Pyrene
Concen: 9.765 ng
RT: 19.704 min Scan# 2794
Delta R.T. -0.002 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:202 Resp: 444806
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 72.774 ng

RT: 19.910 min Scan# 2

Delta R.T. 0.004 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

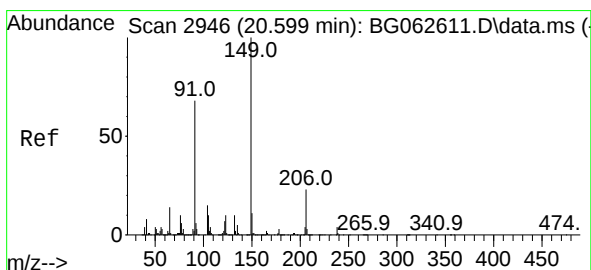
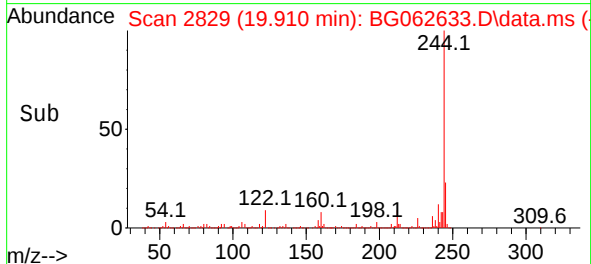
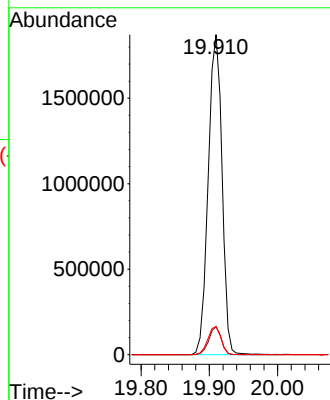
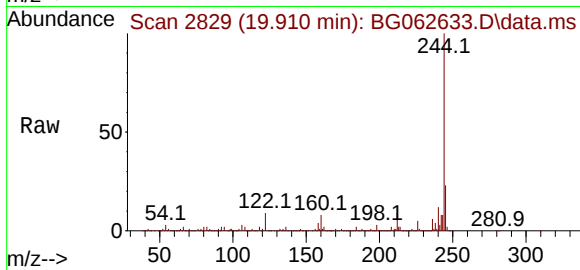
Tgt Ion:244 Resp: 2629901

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

122 8.7 7.2 10.8



#80

Butylbenzylphthalate

Concen: 9.289 ng

RT: 20.597 min Scan# 2946

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

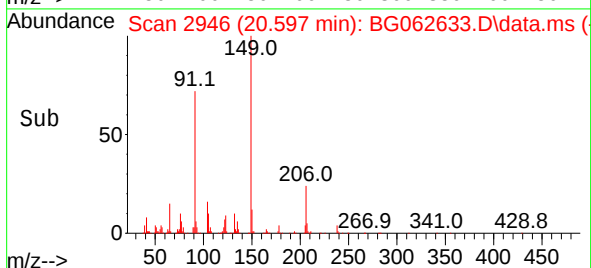
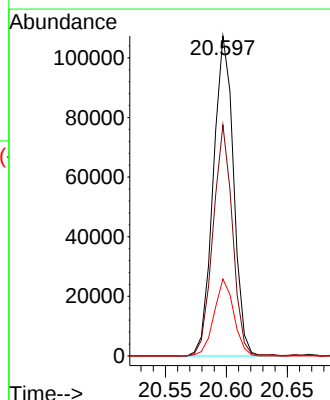
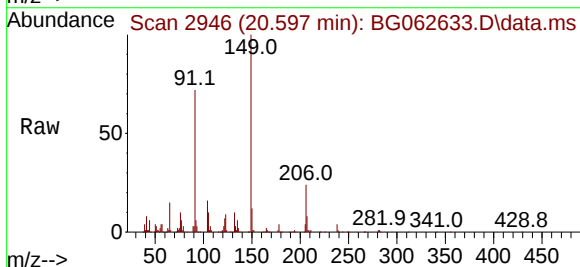
Tgt Ion:149 Resp: 124281

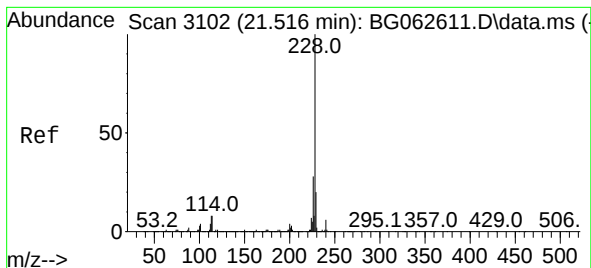
Ion Ratio Lower Upper

149 100

91 72.2 54.6 81.8

206 24.1 18.4 27.6





#81

Benzo(a)anthracene

Concen: 10.115 ng

RT: 21.514 min Scan# 3102

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

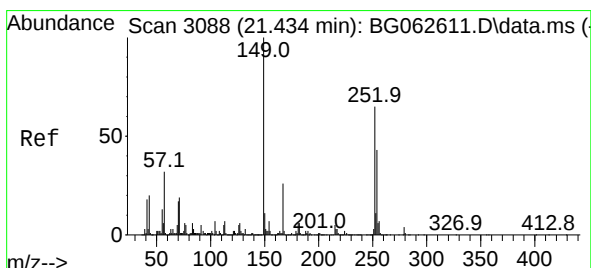
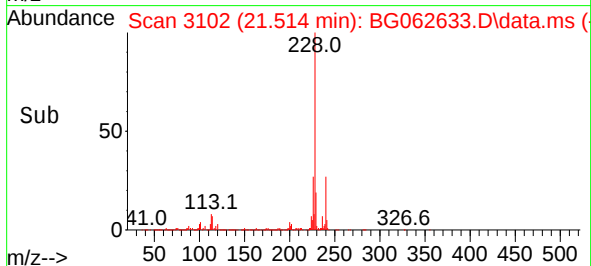
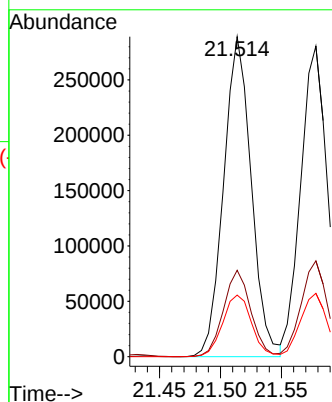
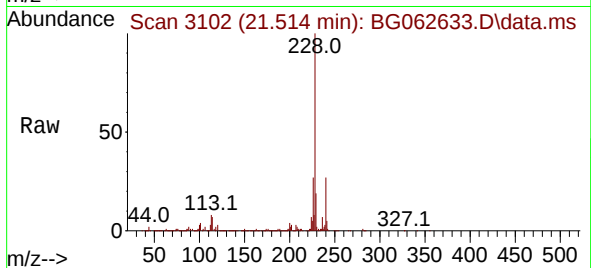
Tgt Ion:228 Resp: 457126

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

229 19.2 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 10.598 ng

RT: 21.431 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

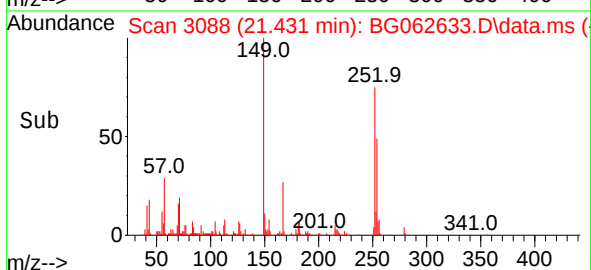
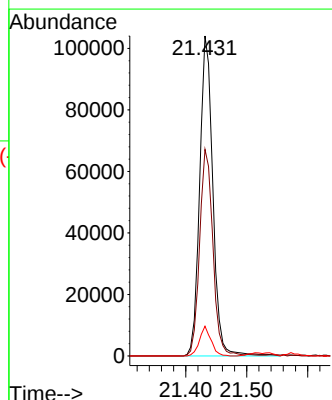
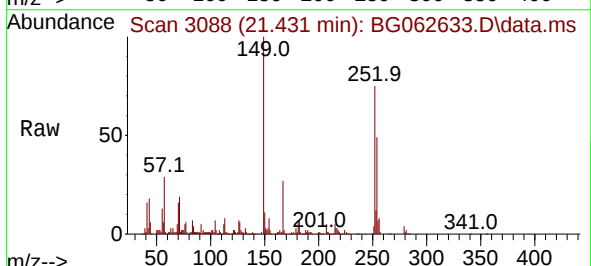
Tgt Ion:252 Resp: 156040

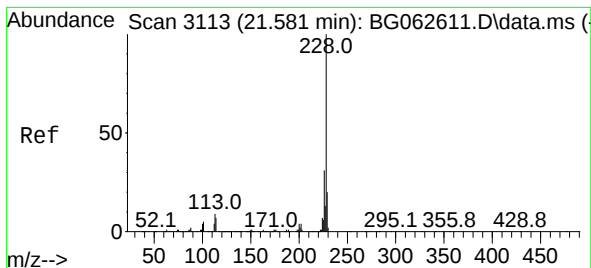
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

126 9.3 6.7 10.1





#83

Chrysene

Concen: 10.025 ng

RT: 21.578 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

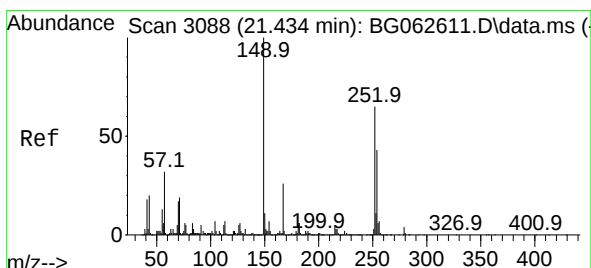
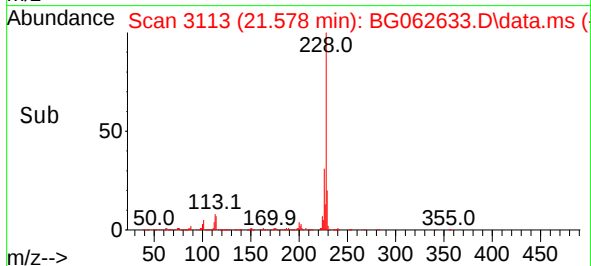
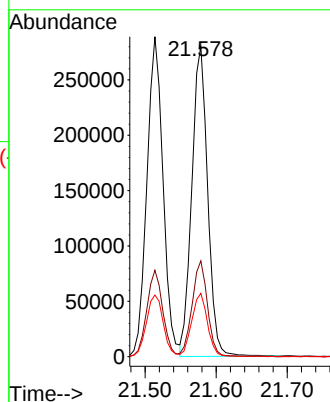
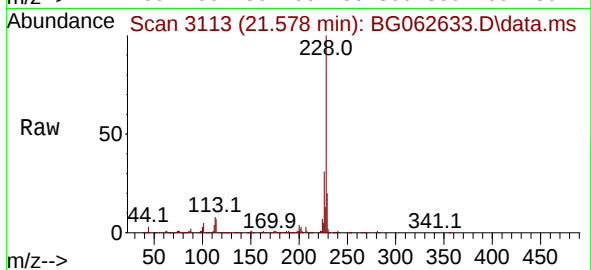
Tgt Ion:228 Resp: 433982

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.593 ng

RT: 21.431 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

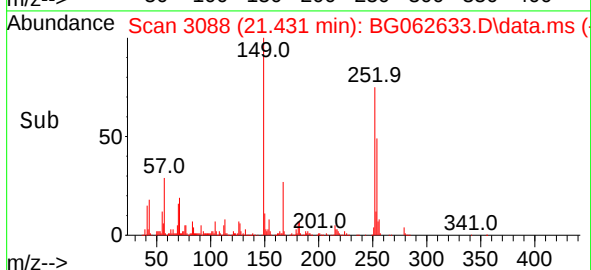
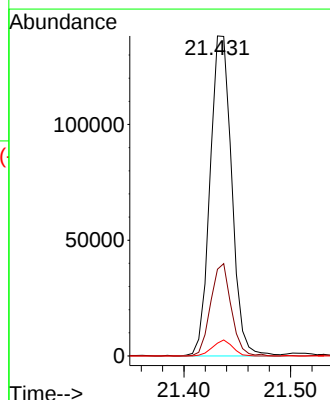
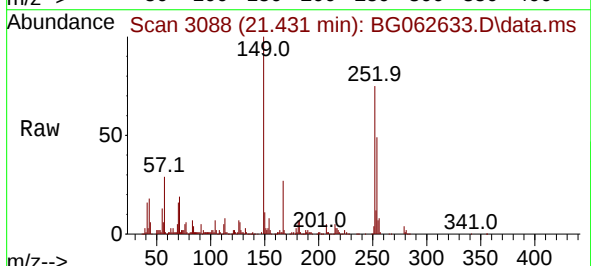
Tgt Ion:149 Resp: 194975

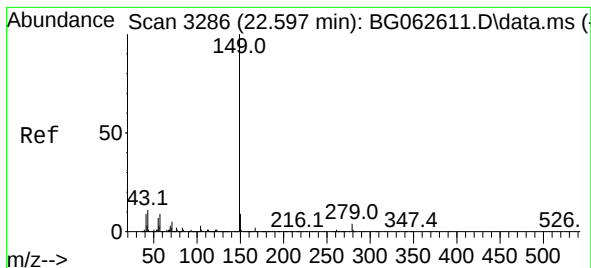
Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 9.279 ng

RT: 22.595 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

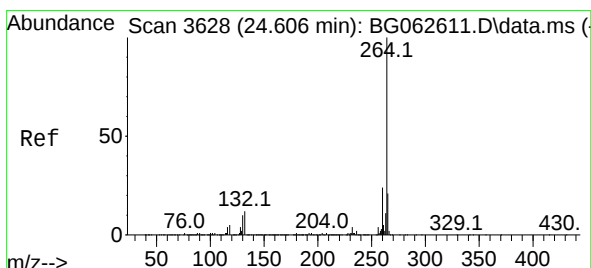
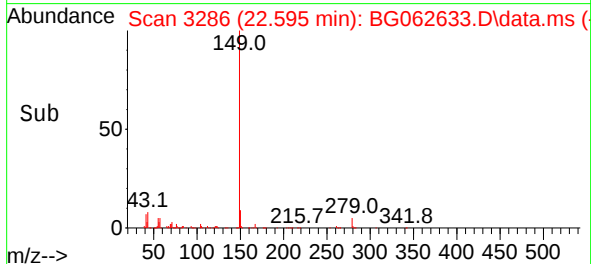
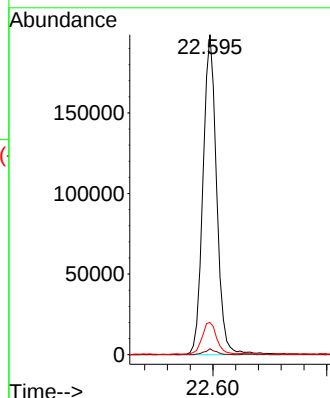
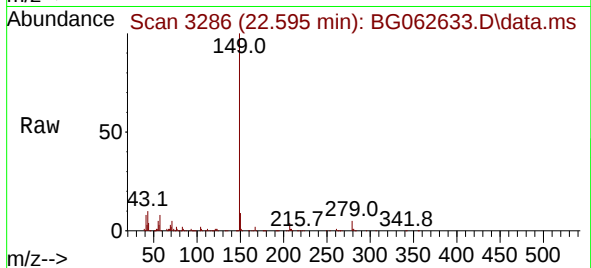
Tgt Ion:149 Resp: 330229

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.604 min Scan# 3628

Delta R.T. -0.002 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

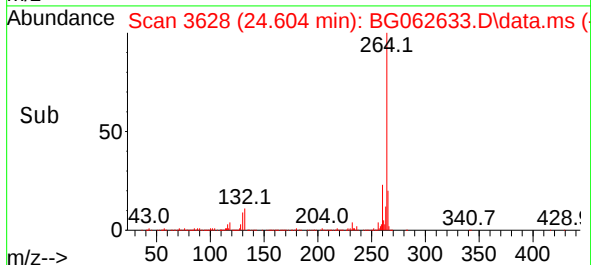
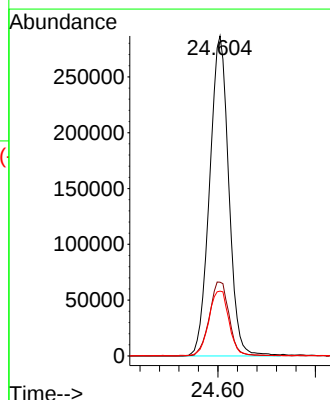
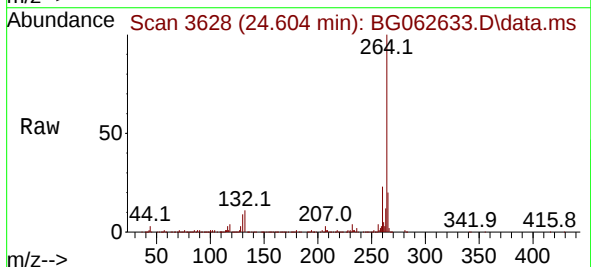
Tgt Ion:264 Resp: 779259

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 20.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.305 ng

RT: 28.065 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

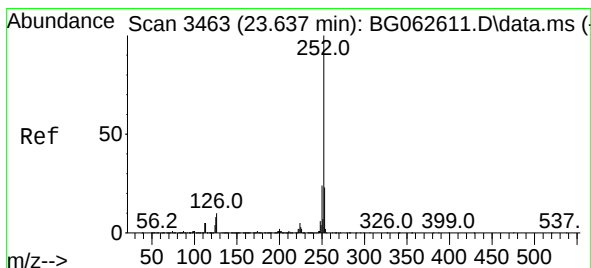
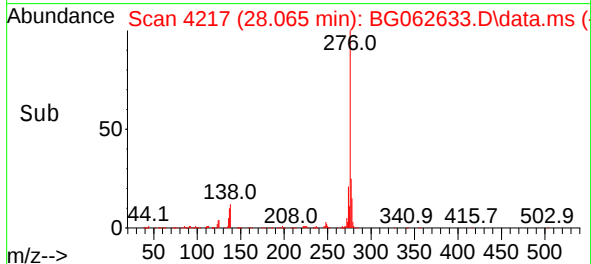
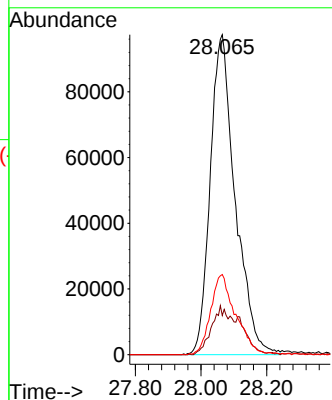
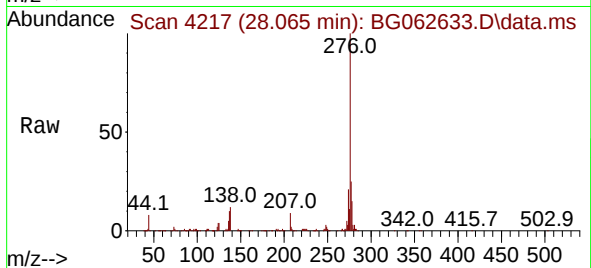
Tgt Ion:276 Resp: 514916

Ion Ratio Lower Upper

276 100

138 12.3 14.9 22.3#

277 25.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 9.875 ng

RT: 23.629 min Scan# 3462

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

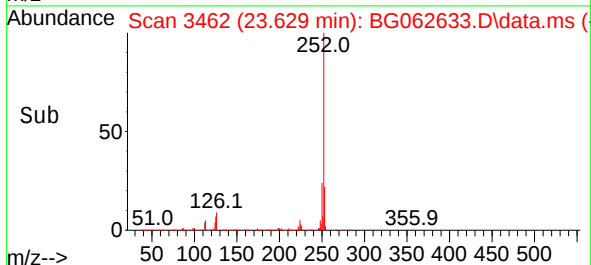
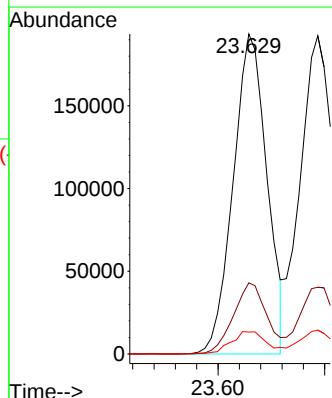
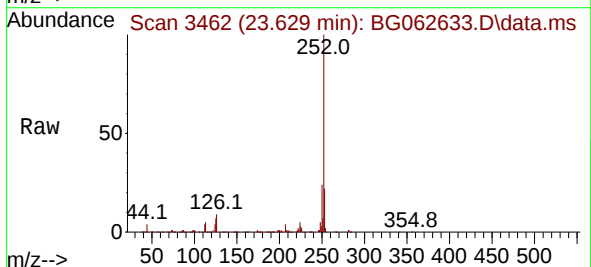
Tgt Ion:252 Resp: 425056

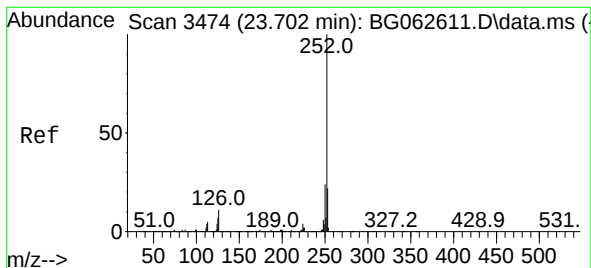
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 6.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 10.433 ng

RT: 23.693 min Scan# 34

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

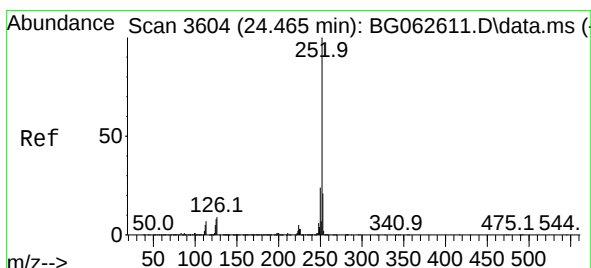
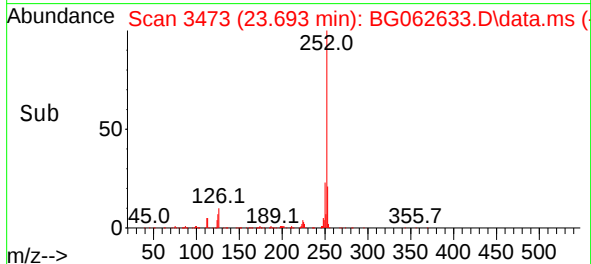
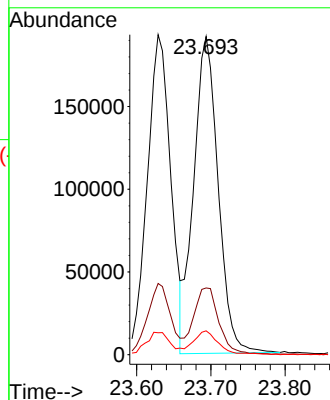
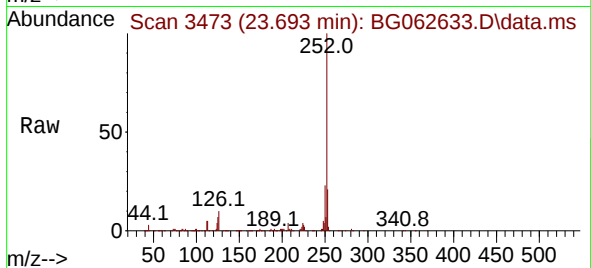
Tgt Ion:252 Resp: 439247

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.8

125 7.5 6.1 9.1



#90

Benzo(a)pyrene

Concen: 10.326 ng

RT: 24.457 min Scan# 3603

Delta R.T. -0.008 min

Lab File: BG062633.D

Acq: 3 Sep 2024 19:54

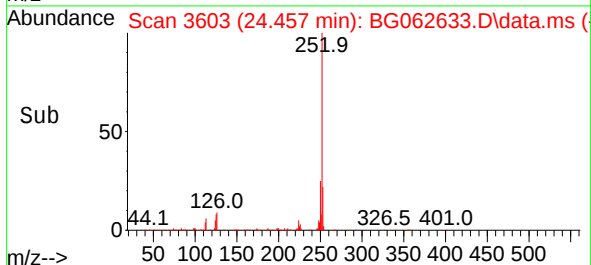
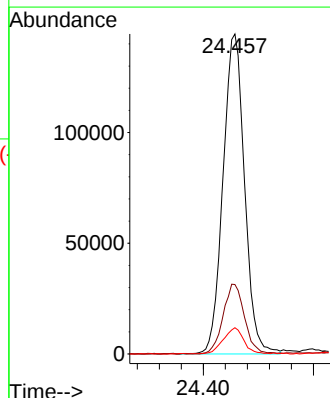
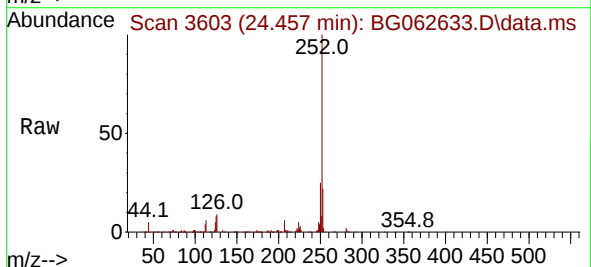
Tgt Ion:252 Resp: 392651

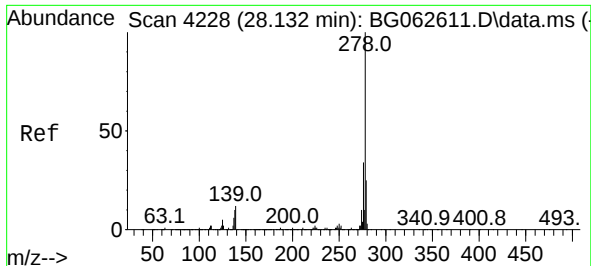
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 8.2 6.6 10.0

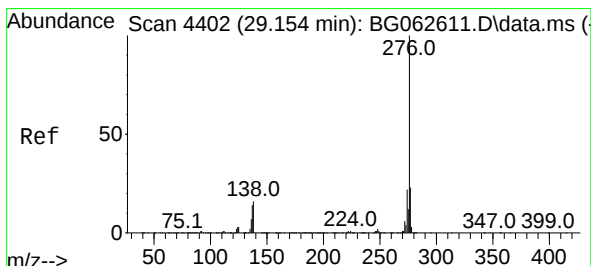
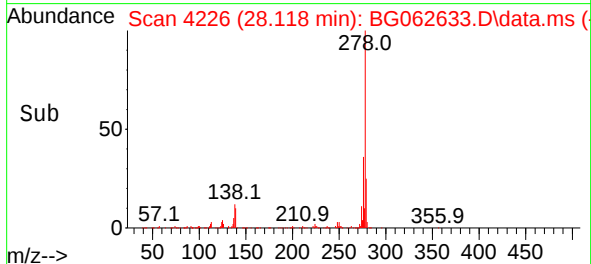
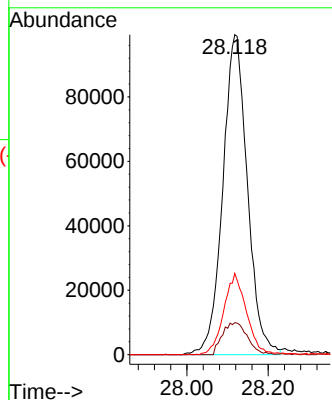
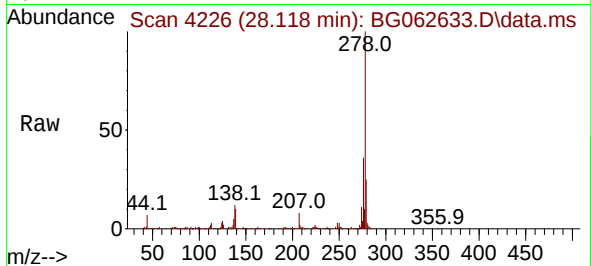




#91
Dibenzo(a,h)anthracene
Concen: 10.153 ng
RT: 28.118 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:278 Resp: 417905
Ion Ratio Lower Upper
278 100
139 10.0 9.2 13.8
279 25.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 9.759 ng
RT: 29.140 min Scan# 4400
Delta R.T. -0.014 min
Lab File: BG062633.D
Acq: 3 Sep 2024 19:54

Tgt Ion:276 Resp: 405062
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 13.7 12.7 19.1

