

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062649.D
 Acq On : 4 Sep 2024 19:02
 Operator : MA/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER-4 ng
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 04:51:16 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	58835	20.000	ng	0.00
21) Naphthalene-d8	10.709	136	245870	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	201556	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	562523	20.000	ng	0.00
76) Chrysene-d12	21.531	240	642836	20.000	ng	0.00
86) Perylene-d12	24.598	264	720916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	359327	105.568	ng	0.00
7) Phenol-d6	7.084	99	510488	103.817	ng	0.00
23) Nitrobenzene-d5	9.075	82	343800	75.307	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	340123	119.908	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	902617	72.538	ng	0.00
79) Terphenyl-d14	19.904	244	2017377	62.226	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.412	88	6752	4.762	ng	# 84
3) Pyridine	3.805	79	14035	3.435	ng	# 86
4) n-Nitrosodimethylamine	3.723	42	6839	3.443	ng	# 88
6) Aniline	7.242	93	19217	4.183	ng	98
8) 2-Chlorophenol	7.483	128	13246	3.625	ng	94
9) Benzaldehyde	7.060	77	13134	4.592	ng	95
10) Phenol	7.113	94	16371	3.289	ng	88
11) bis(2-Chloroethyl)ether	7.342	93	12795	3.357	ng	94
12) 1,3-Dichlorobenzene	7.953	146	13973	3.484	ng	94
13) 1,4-Dichlorobenzene	7.953	146	13973	3.386	ng	94
14) 1,2-Dichlorobenzene	8.271	146	13601	3.353	ng	98
15) Benzyl Alcohol	8.153	79	11559	3.177	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.441	45	23326	3.211	ng	96
17) 2-Methylphenol	8.359	107	10286	2.964	ng	99
18) Hexachloroethane	9.005	117	4953	3.201	ng	92
19) n-Nitroso-di-n-propyla...	8.717	70	11605	2.995	ng	97
20) 3+4-Methylphenols	8.688	107	14283	2.790	ng	93
22) Acetophenone	8.735	105	21754	3.280	ng	# 95
24) Nitrobenzene	9.117	77	18207	3.751	ng	# 94
25) Isophorone	9.634	82	32754	3.268	ng	95
26) 2-Nitrophenol	9.828	139	5945	3.241	ng	# 89
27) 2,4-Dimethylphenol	9.886	122	8101	3.014	ng	93
28) bis(2-Chloroethoxy)met...	10.121	93	18236	3.399	ng	94
29) 2,4-Dichlorophenol	10.362	162	12043	3.205	ng	94
30) 1,2,4-Trichlorobenzene	10.580	180	15588	3.500	ng	95
31) Naphthalene	10.762	128	42863	3.517	ng	98
33) 4-Chloroaniline	10.867	127	16328	3.405	ng	94
34) Hexachlorobutadiene	11.056	225	10525	3.383	ng	98
35) Caprolactam	11.602	113	4712	3.253	ng	# 89
36) 4-Chloro-3-methylphenol	11.990	107	13189	2.910	ng	90
37) 2-Methylnaphthalene	12.372	142	31199	3.301	ng	100
38) 1-Methylnaphthalene	12.589	142	30508	3.214	ng	95
40) 1,2,4,5-Tetrachloroben...	12.736	216	21844	3.604	ng	# 98
41) Hexachlorocyclopentadiene	12.718	237	5390	3.117	ng	94
43) 2,4,6-Trichlorophenol	13.053	196	13471	3.506	ng	90
44) 2,4,5-Trichlorophenol	13.053	196	13471	3.096	ng	88

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 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)
46) 1,1'-Biphenyl	13.376	154	47174	3.508	ng	98
47) 2-Chloronaphthalene	13.417	162	37781	3.467	ng	99
48) 2-Nitroaniline	13.617	65	8902	3.106	ng	89
49) Acenaphthylene	14.264	152	58490	3.624	ng	# 95
50) Dimethylphthalate	13.993	163	51348	3.484	ng	98
51) 2,6-Dinitrotoluene	14.111	165	8494	3.047	ng	90
52) Acenaphthene	14.610	154	33770	3.347	ng	98
53) 3-Nitroaniline	14.440	138	8718	3.232	ng	89
54) 2,4-Dinitrophenol	14.657	184	2380	1.521	ng	# 86
55) Dibenzofuran	14.939	168	63762	3.685	ng	97
56) 4-Nitrophenol	14.757	139	6508	2.847	ng	95
57) 2,4-Dinitrotoluene	14.898	165	11433	3.006	ng	# 98
58) Fluorene	15.591	166	48527	3.574	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.168	232	14891	3.612	ng	# 95
60) Diethylphthalate	15.362	149	49640	3.398	ng	95
61) 4-Chlorophenyl-phenyle...	15.586	204	26604	3.413	ng	97
62) 4-Nitroaniline	15.597	138	9711	3.265	ng	# 79
63) Azobenzene	15.879	77	45694	3.331	ng	96
65) 4,6-Dinitro-2-methylph...	15.668	198	5929	2.362	ng	85
66) n-Nitrosodiphenylamine	15.797	169	44432	3.285	ng	96
67) 4-Bromophenyl-phenylether	16.479	248	18854	3.248	ng	91
68) Hexachlorobenzene	16.596	284	23240	3.380	ng	# 91
69) Atrazine	16.743	200	19351	4.213	ng	98
70) Pentachlorophenol	16.937	266	8664	1.967	ng	93
71) Phenanthrene	17.331	178	94354	3.594	ng	99
72) Anthracene	17.419	178	93509	3.622	ng	97
73) Carbazole	17.689	167	83043	3.499	ng	99
74) Di-n-butylphthalate	18.253	149	88153	3.294	ng	99
75) Fluoranthene	19.340	202	119344	3.594	ng	97
77) Benzidine	19.522	184	48699	4.203	ng	98
78) Pyrene	19.704	202	131227	3.211	ng	99
80) Butylbenzylphthalate	20.597	149	34114	2.842	ng	94
81) Benzo(a)anthracene	21.514	228	141501	3.490	ng	99
82) 3,3'-Dichlorobenzidine	21.432	252	44889	3.399	ng	# 99
83) Chrysene	21.578	228	138365	3.563	ng	97
84) Bis(2-ethylhexyl)phtha...	21.432	149	55048	3.019	ng	99
85) Di-n-octyl phthalate	22.595	149	87628	2.745	ng	97
87) Indeno(1,2,3-cd)pyrene	28.059	276	154850	3.350	ng	# 93
88) Benzo(b)fluoranthene	23.629	252	134996	3.390	ng	96
89) Benzo(k)fluoranthene	23.694	252	130992	3.363	ng	98
90) Benzo(a)pyrene	24.452	252	121529	3.455	ng	99
91) Dibenzo(a,h)anthracene	28.112	278	128386	3.371	ng	99
92) Benzo(g,h,i)perylene	29.123	276	120642	3.142	ng	# 94

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

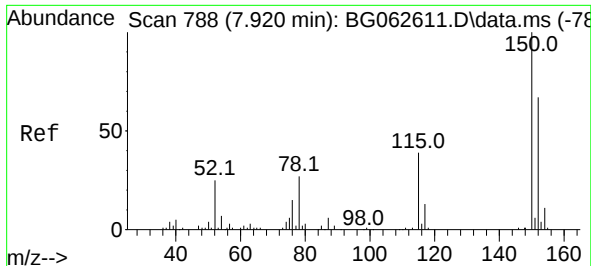
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Abundance

TIC: BG062649.D\data.ms

Time-->

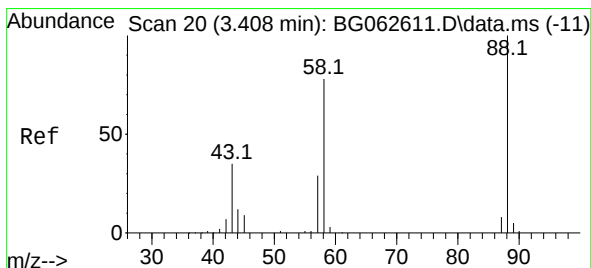
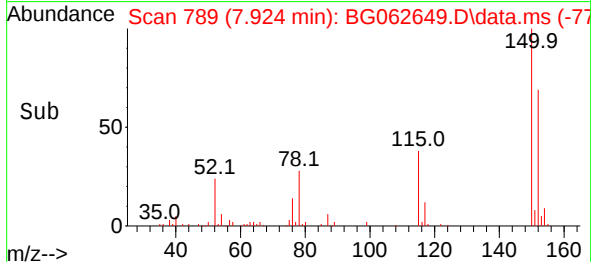
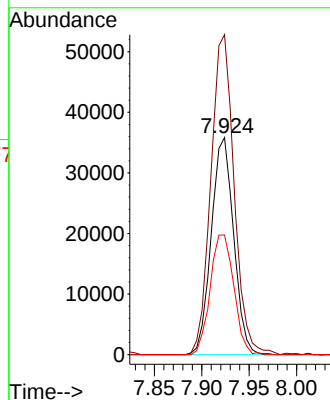
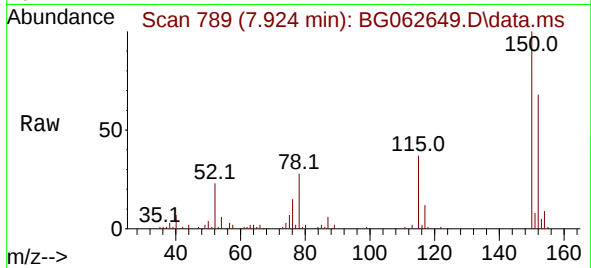
1,4-Dioxane
N,N-dimethylamine,
hydrochloride
2-Fluorophenol,S
Phenol-d6,S
Benzaldehyde
2-Chlorophenol
1,3-Dichlorobenzene
1,3-Dichlorobenzene-d4,I
Benzonitrile
N,N-Dimethylformamide
N,N-Dimethylacetamide
N,N-Dimethylpropylamine,P
Nitrobenzene
Nitrobenzene-d5,S
Isophlogone
2-Methylphenol
2-Methylphenol-methane
2,4,5-Trichlorophenol,C
4-Chlorophenol
4-Ethylphenol
4-Ethylphenol-methane
4-Ethylphenol-d8,I
4-Ethylphenol-d10,I
4-Ethylphenol-d12,I
4-Ethylphenol-d14,S
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4



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG062649.D
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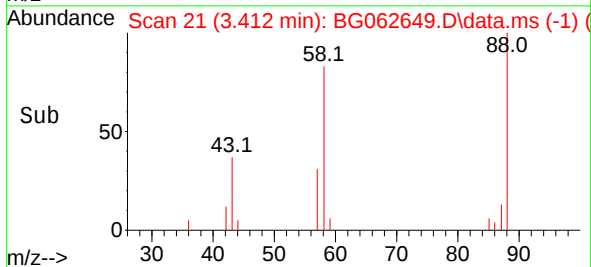
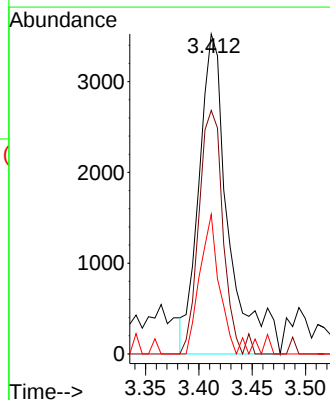
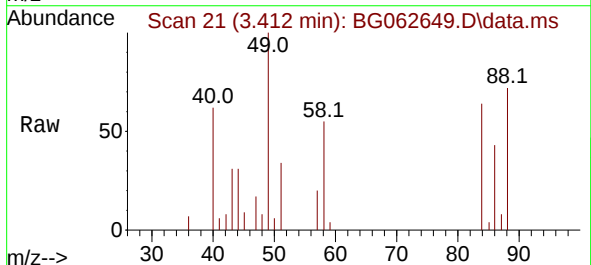
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

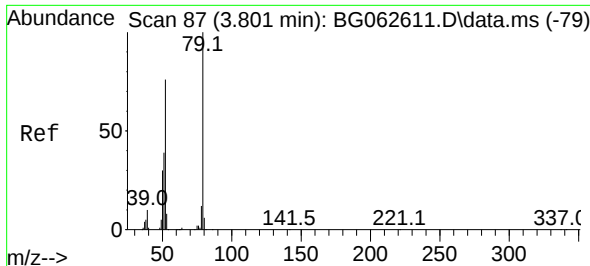
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Ion Ratio Lower Upper
152 100
150 147.4 119.9 179.9
115 55.1 46.6 69.8



#2
1,4-Dioxane
Concen: 4.762 ng
RT: 3.412 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion: 88 Resp: 6752
Ion Ratio Lower Upper
88 100
58 61.6 62.3 93.5#
43 28.6 27.5 41.3

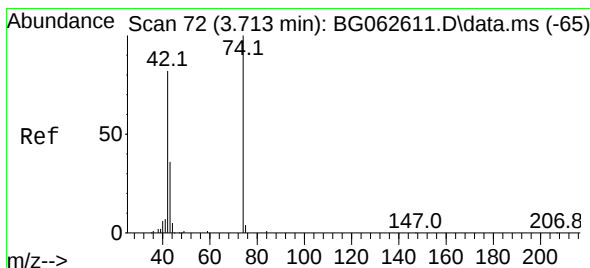
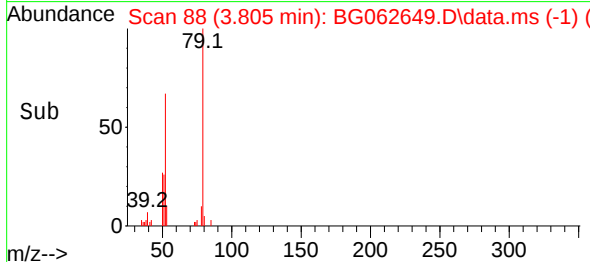
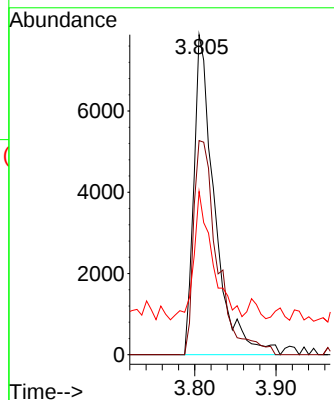
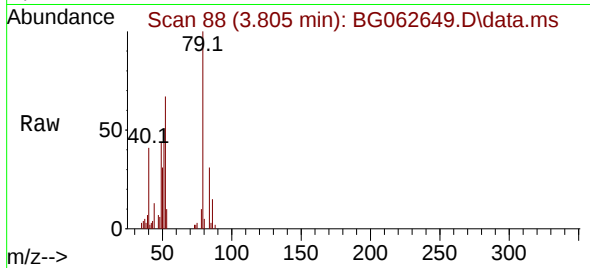




#3
 Pyridine
 Concen: 3.435 ng
 RT: 3.805 min Scan# 87
 Delta R.T. 0.004 min
 Lab File: BG062649.D
 Acq: 4 Sep 2024 19:02

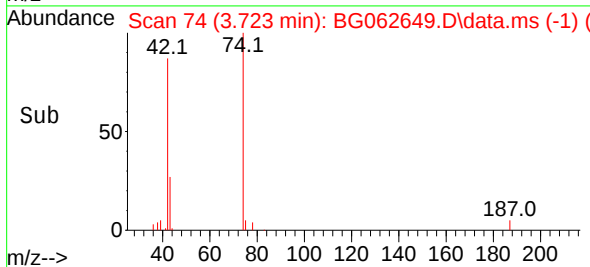
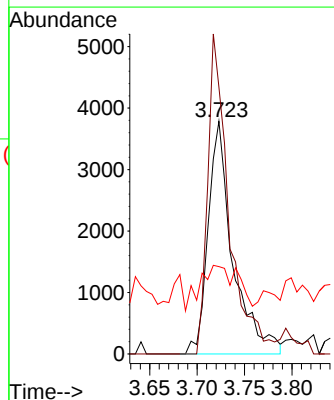
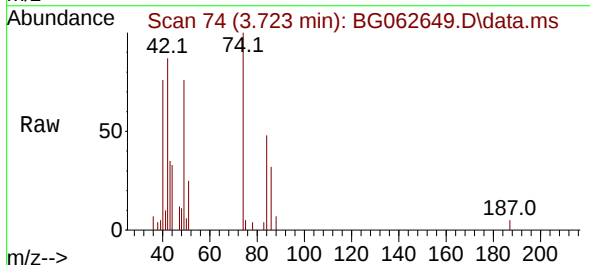
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

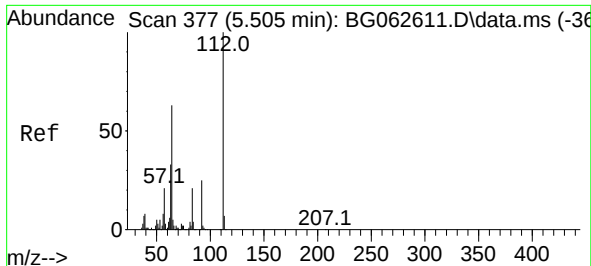
Tgt Ion: 79 Resp: 14035
 Ion Ratio Lower Upper
 79 100
 52 66.9 60.9 91.3
 51 51.0 31.5 47.3#



#4
 n-Nitrosodimethylamine
 Concen: 3.443 ng
 RT: 3.723 min Scan# 74
 Delta R.T. 0.010 min
 Lab File: BG062649.D
 Acq: 4 Sep 2024 19:02

Tgt Ion: 42 Resp: 6839
 Ion Ratio Lower Upper
 42 100
 74 114.7 98.0 147.0
 44 37.6 7.4 11.2#

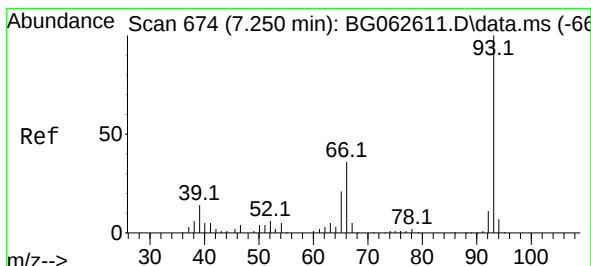
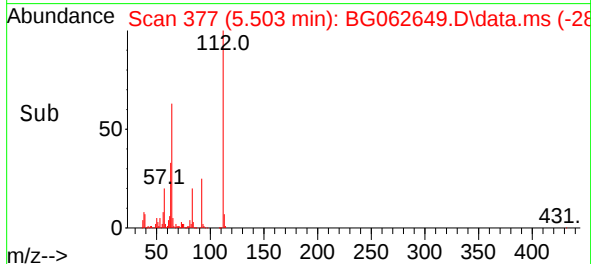
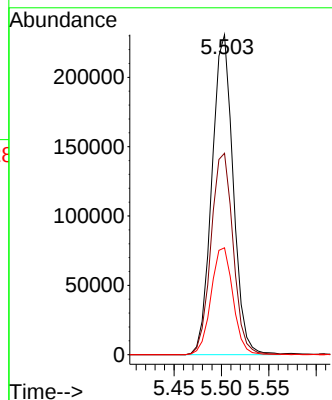
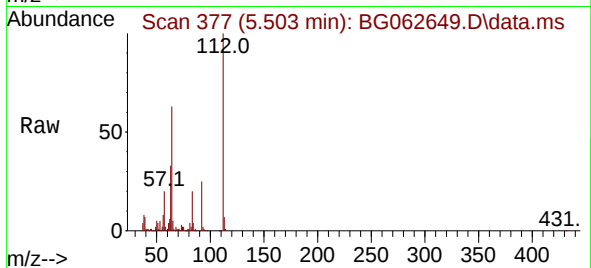




#5
2-Fluorophenol
Concen: 105.568 ng
RT: 5.503 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

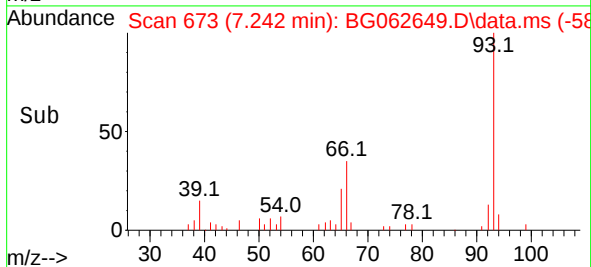
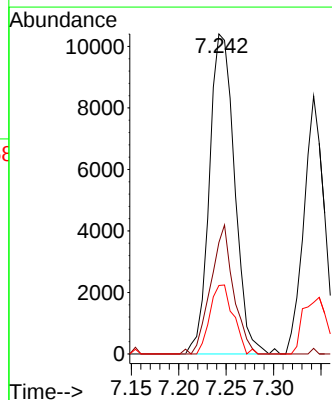
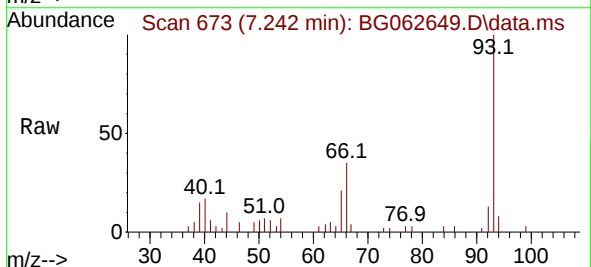
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

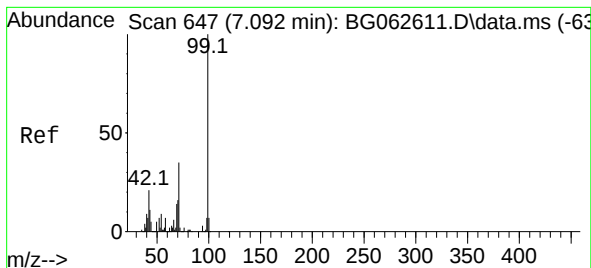
Tgt Ion:112 Resp: 359327
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.2
63 33.4 26.6 39.8



#6
Aniline
Concen: 4.183 ng
RT: 7.242 min Scan# 673
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion: 93 Resp: 19217
Ion Ratio Lower Upper
93 100
66 34.9 29.1 43.7
65 21.4 16.6 25.0





#7

Phenol-d6

Concen: 103.817 ng

RT: 7.084 min Scan# 64

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

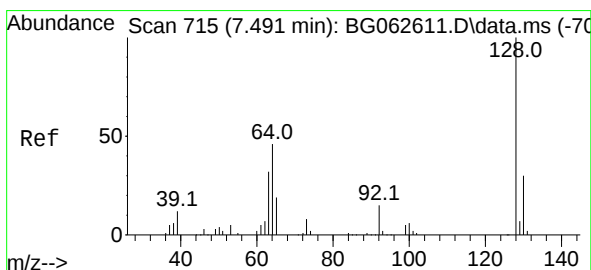
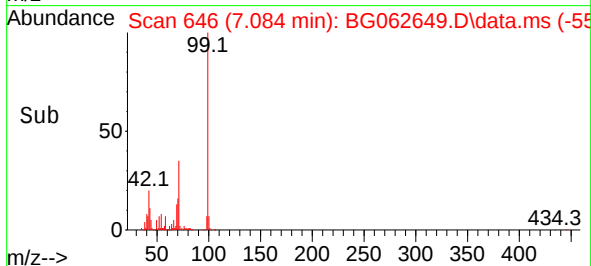
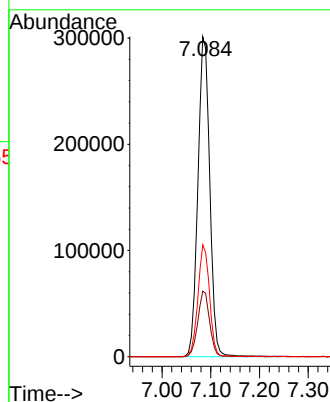
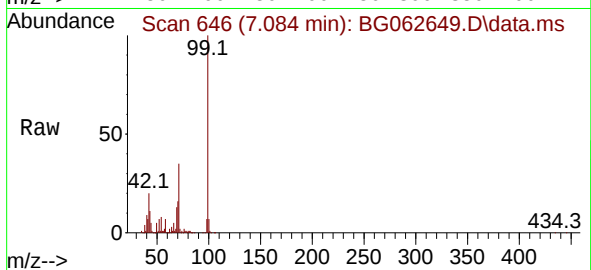
Tgt Ion: 99 Resp: 510488

Ion Ratio Lower Upper

99 100

42 20.5 16.9 25.3

71 35.0 27.9 41.9



#8

2-Chlorophenol

Concen: 3.625 ng

RT: 7.483 min Scan# 714

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

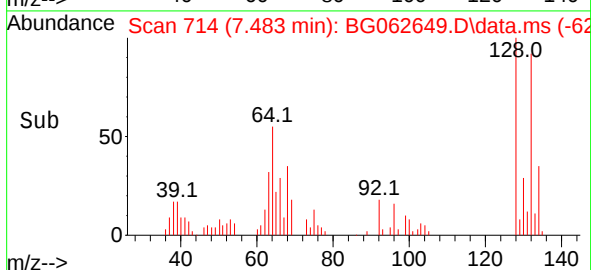
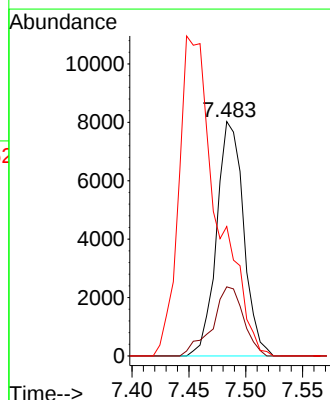
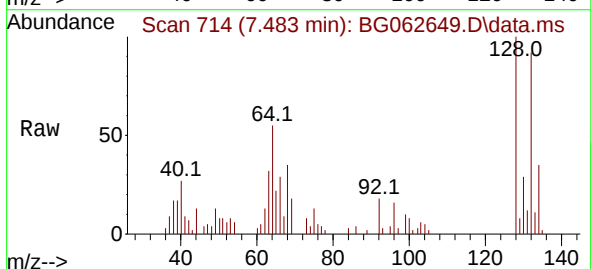
Tgt Ion: 128 Resp: 13246

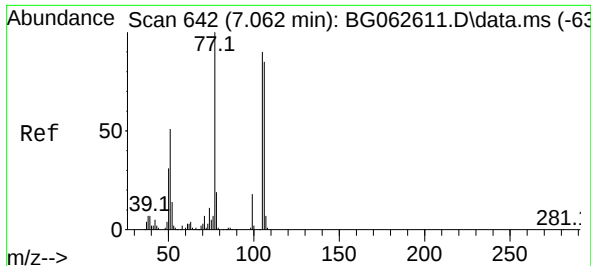
Ion Ratio Lower Upper

128 100

130 29.5 10.0 50.0

64 55.2 28.8 68.8

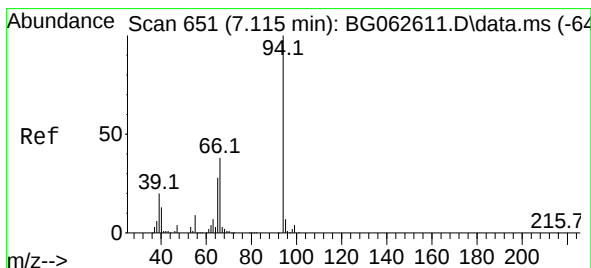
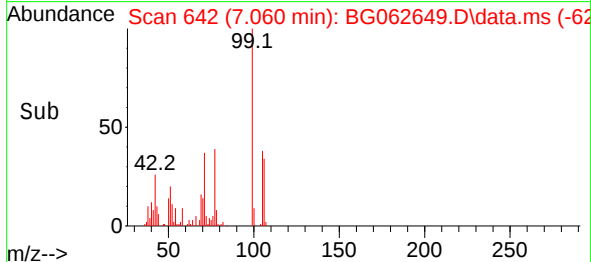
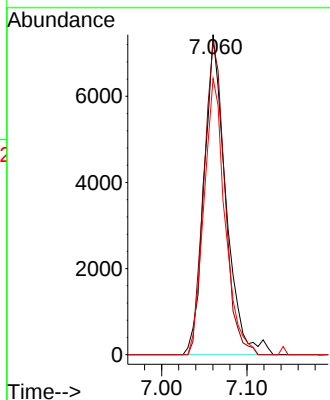
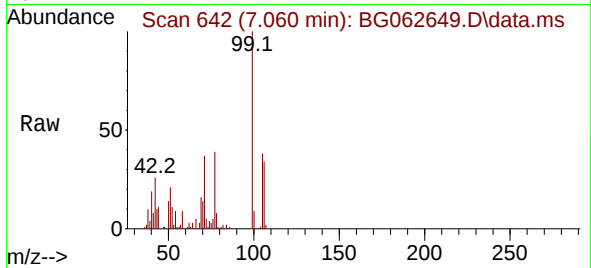




#9
Benzaldehyde
Concen: 4.592 ng
RT: 7.060 min Scan# 642
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

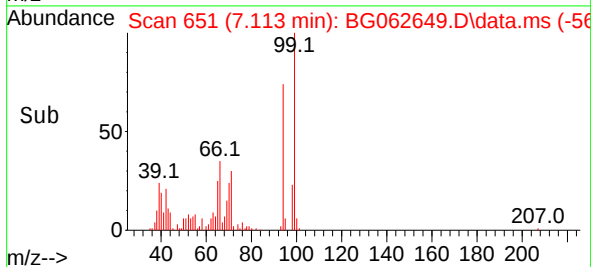
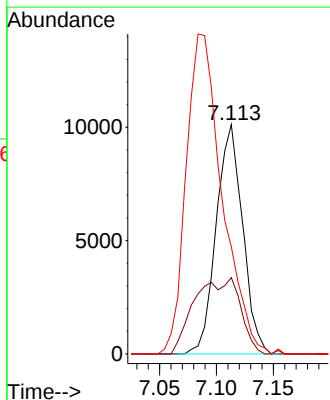
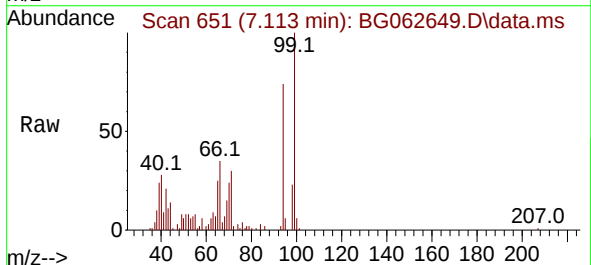
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

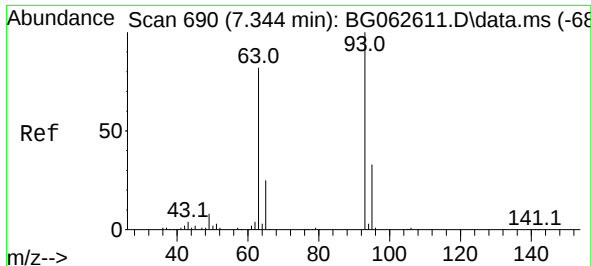
Tgt Ion: 77 Resp: 13134
Ion Ratio Lower Upper
77 100
105 97.6 70.2 110.2
106 86.3 65.4 105.4



#10
Phenol
Concen: 3.289 ng
RT: 7.113 min Scan# 651
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion: 94 Resp: 16371
Ion Ratio Lower Upper
94 100
65 33.3 8.6 48.6
66 46.7 18.2 58.2

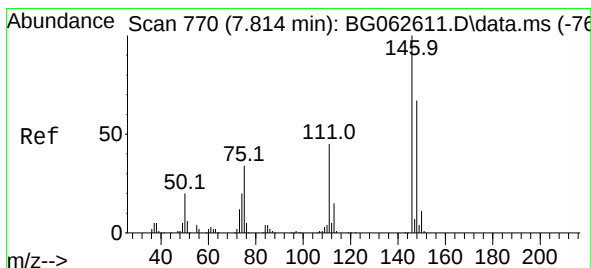
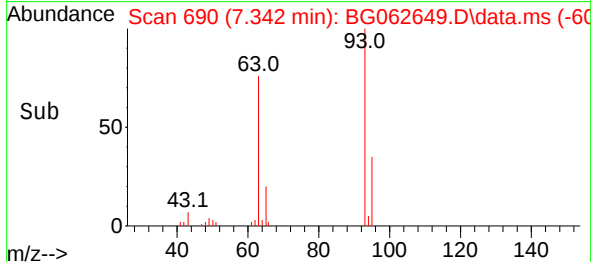
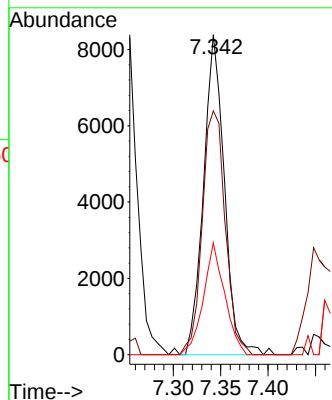
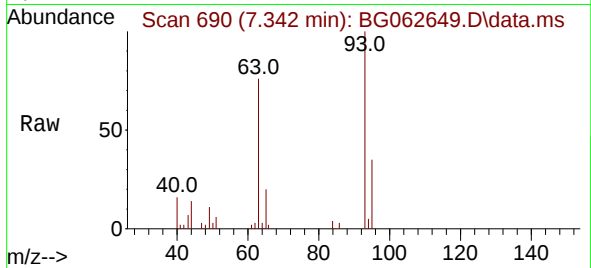




#11
bis(2-Chloroethyl)ether
Concen: 3.357 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

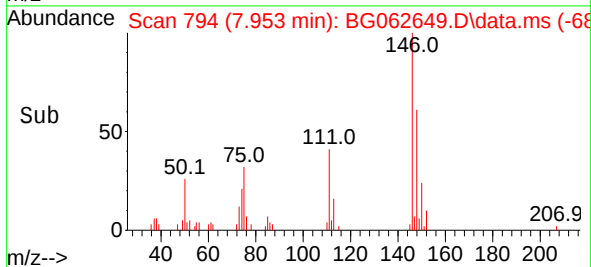
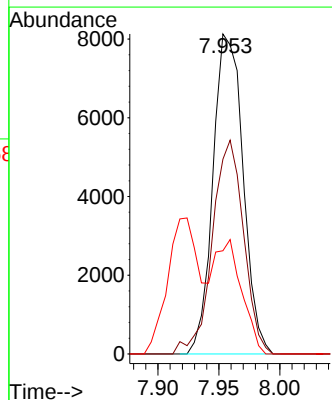
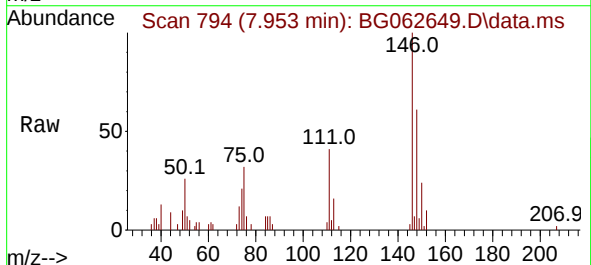
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

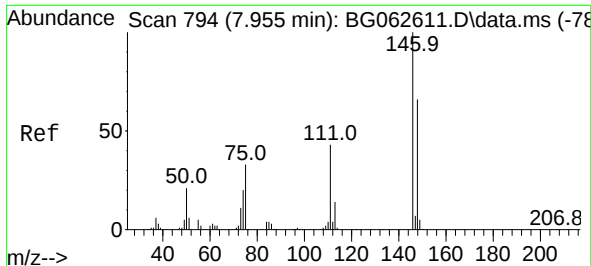
Tgt Ion:	93	Resp:	12795
Ion	Ratio	Lower	Upper
93	100		
63	76.2	61.9	101.9
95	34.9	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 3.484 ng
RT: 7.953 min Scan# 794
Delta R.T. 0.139 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:	146	Resp:	13973
Ion	Ratio	Lower	Upper
146	100		
148	60.9	53.9	80.9
75	32.3	27.0	40.4

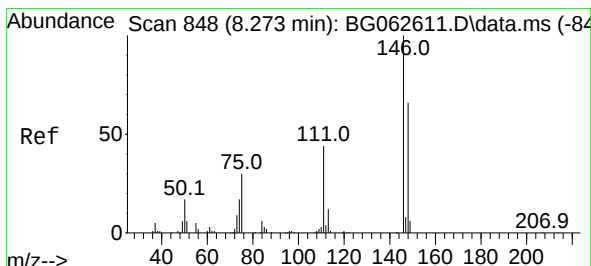
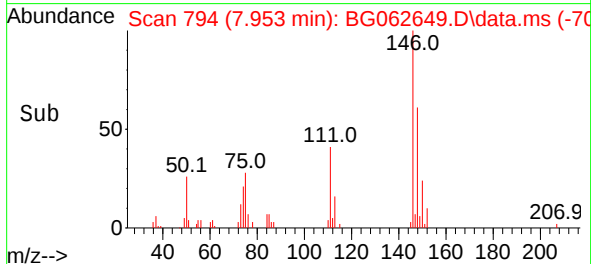
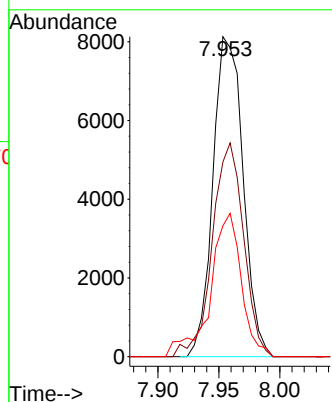
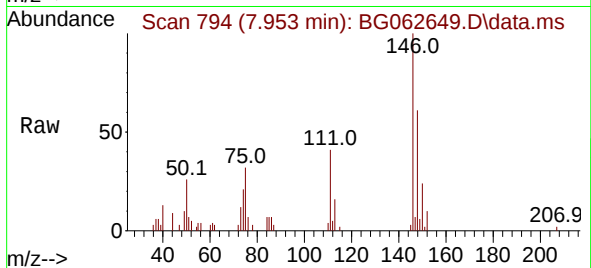




#13
1,4-Dichlorobenzene
Concen: 3.386 ng
RT: 7.953 min Scan# 794
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

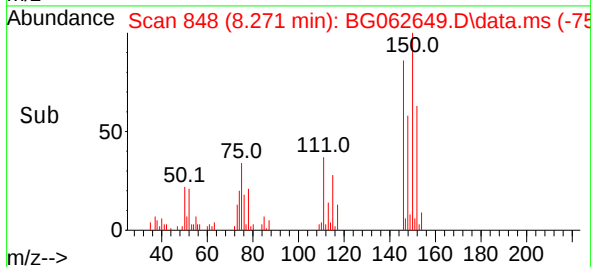
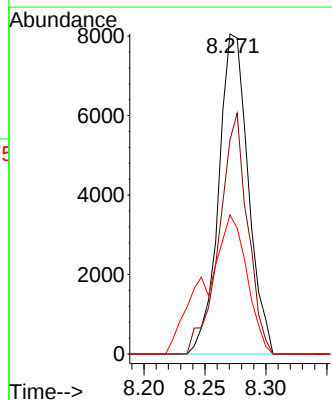
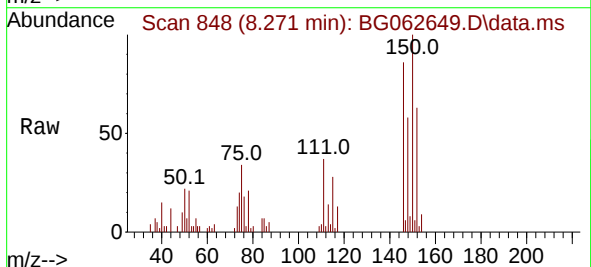
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

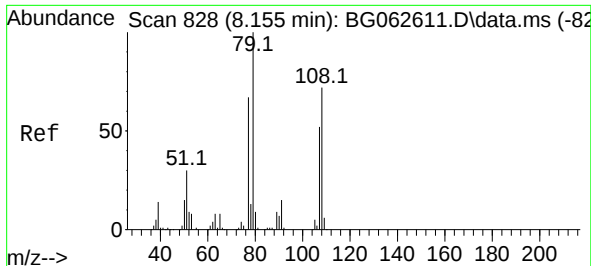
Tgt Ion:146 Resp: 13973
Ion Ratio Lower Upper
146 100
148 60.9 53.0 79.6
111 40.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 3.353 ng
RT: 8.271 min Scan# 848
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:146 Resp: 13601
Ion Ratio Lower Upper
146 100
148 66.9 52.5 78.7
111 43.4 35.5 53.3

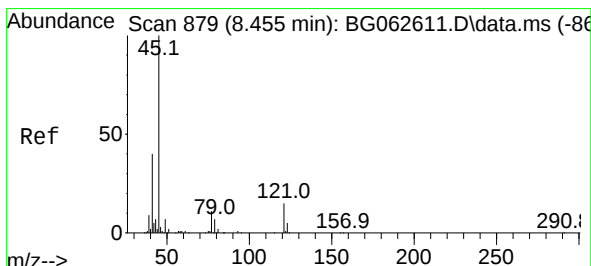
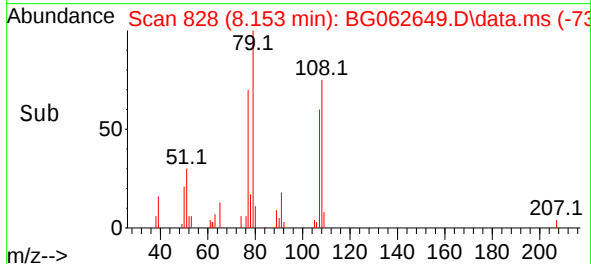
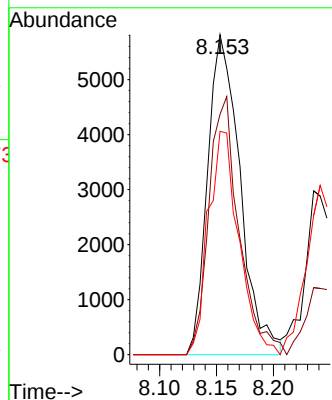
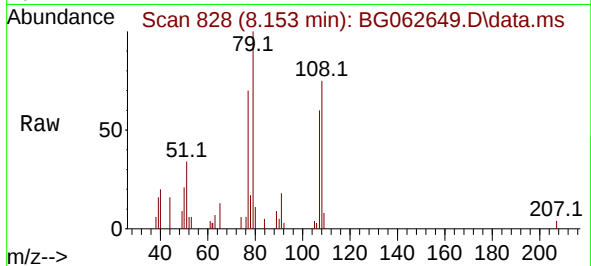




#15
Benzyl Alcohol
Concen: 3.177 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

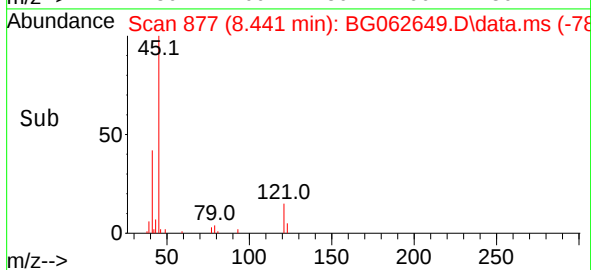
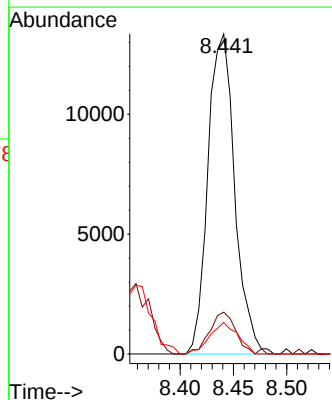
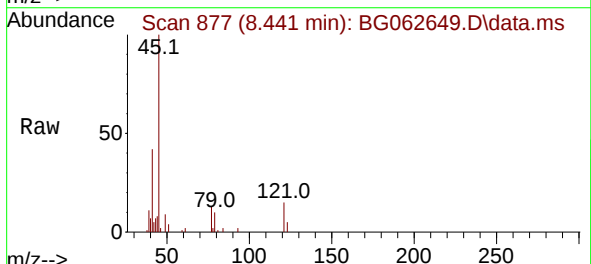
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

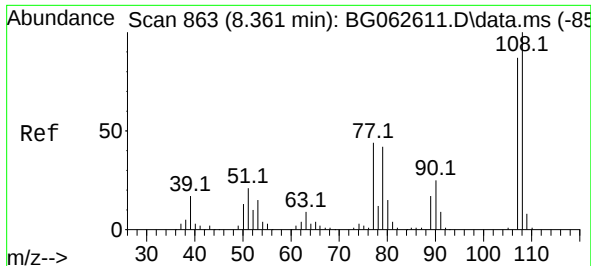
Tgt Ion: 79 Resp: 11559
Ion Ratio Lower Upper
79 100
108 75.2 57.9 86.9
77 69.8 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.211 ng
RT: 8.441 min Scan# 877
Delta R.T. -0.014 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion: 45 Resp: 23326
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.7
79 9.8 0.0 28.3

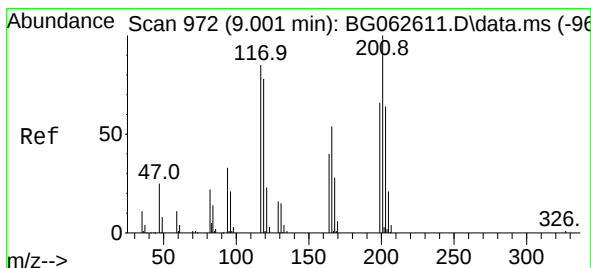
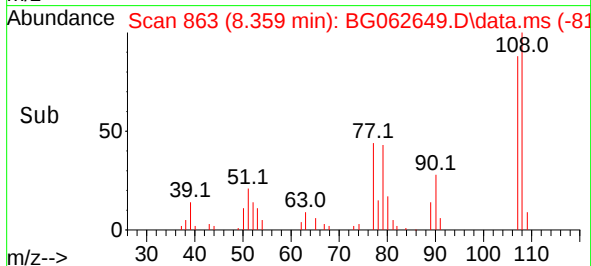
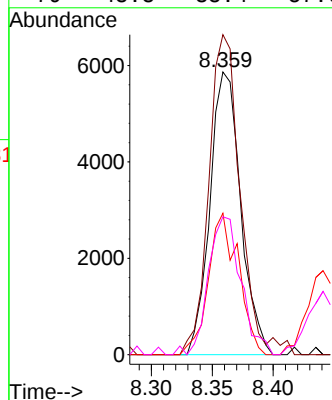
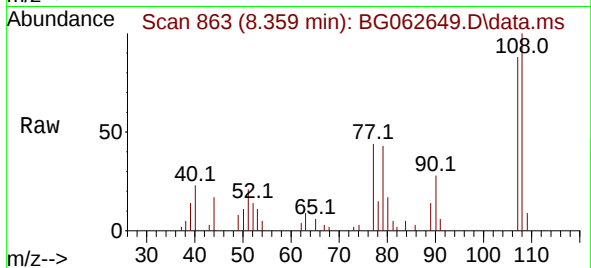




#17
2-Methylphenol
Concen: 2.964 ng
RT: 8.359 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

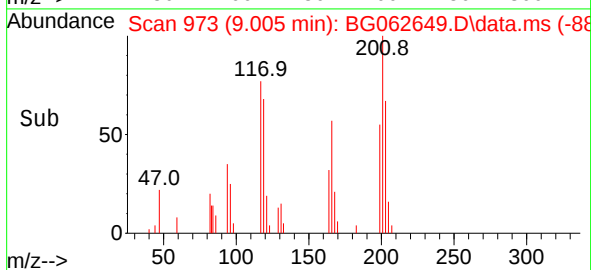
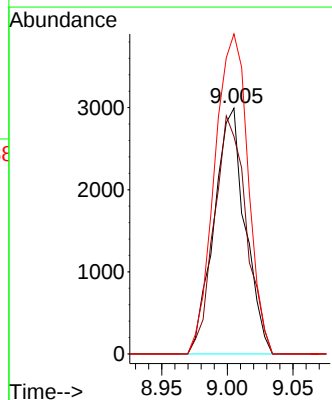
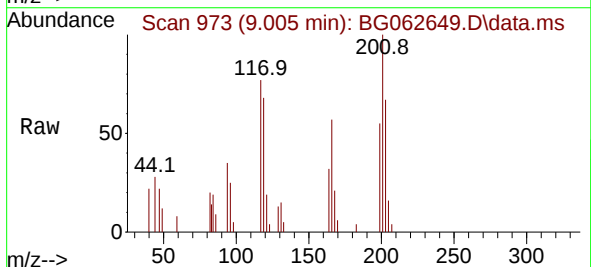
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

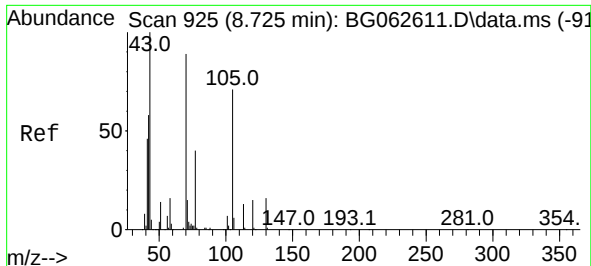
Tgt Ion:	107	Resp:	10286
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.5	137.3
77	50.0	40.0	60.0
79	48.8	38.4	57.6



#18
Hexachloroethane
Concen: 3.201 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:	117	Resp:	4953
Ion	Ratio	Lower	Upper
117	100		
119	88.5	73.4	110.0
201	130.2	93.9	140.9

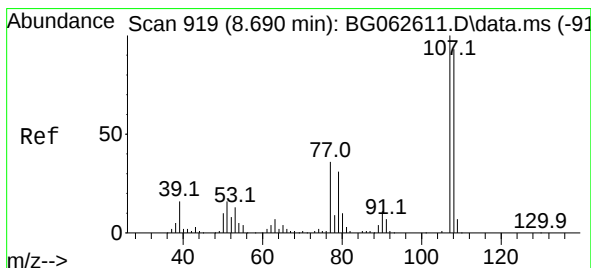
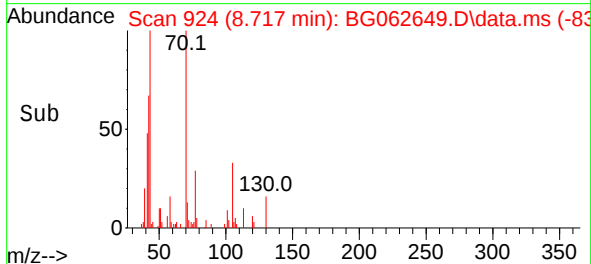
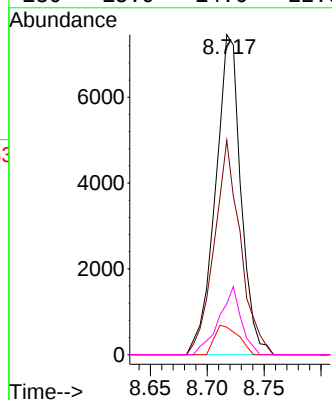
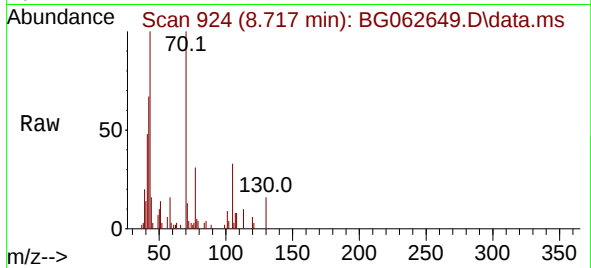




#19
n-Nitroso-di-n-propylamine
Concen: 2.995 ng
RT: 8.717 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

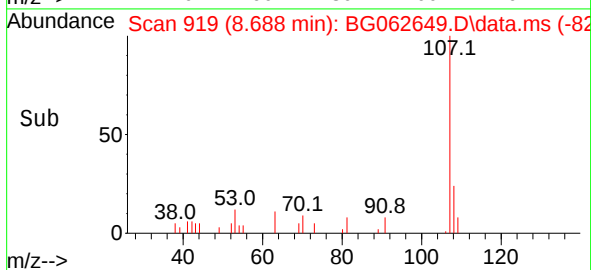
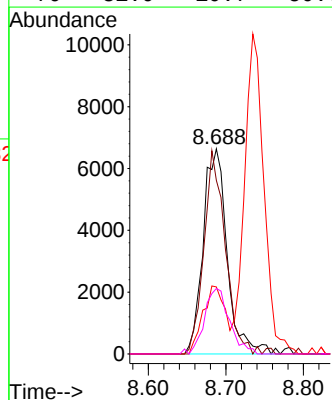
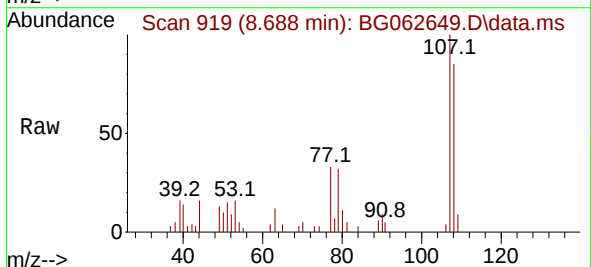
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

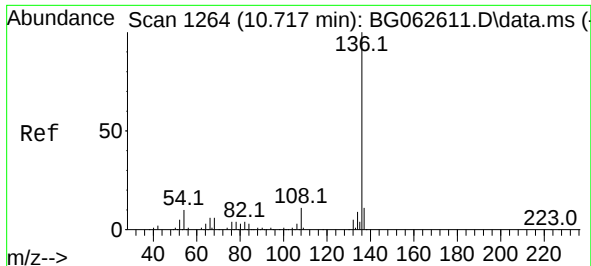
Tgt Ion: 70 Resp: 11605
Ion Ratio Lower Upper
70 100
42 67.0 52.3 78.5
101 8.6 6.6 9.8
130 15.9 14.6 22.0



#20
3+4-Methylphenols
Concen: 2.790 ng
RT: 8.688 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion: 107 Resp: 14283
Ion Ratio Lower Upper
107 100
108 84.6 72.7 112.7
77 32.7 16.5 56.5
79 31.9 10.7 50.7

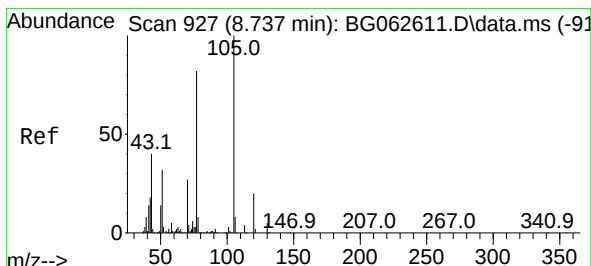
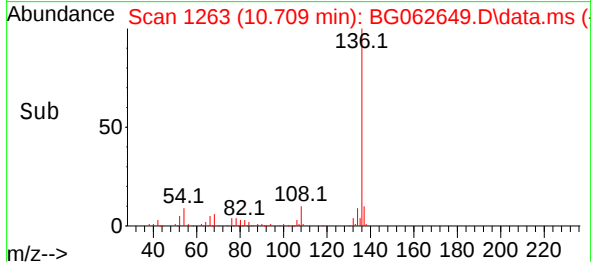
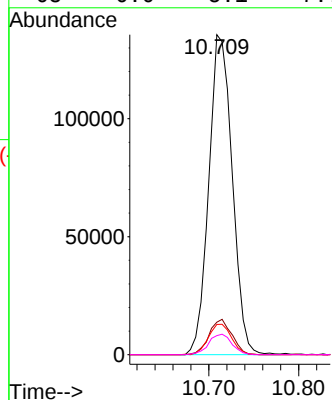
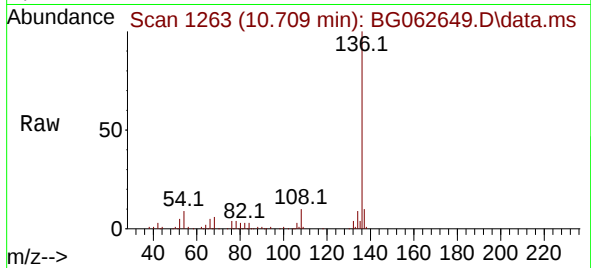




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.709 min Scan# 1263
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

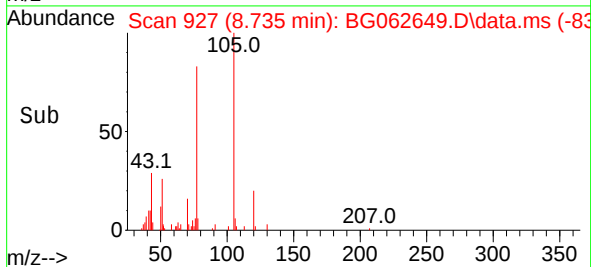
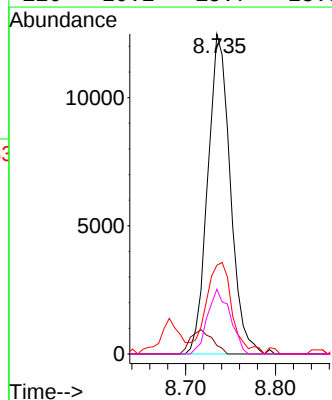
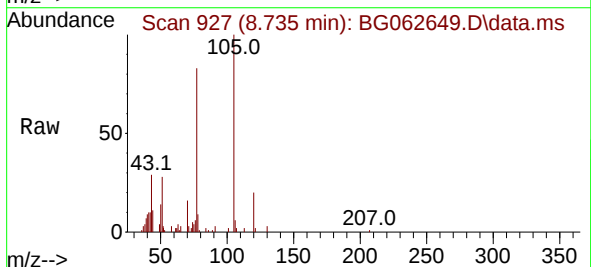
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

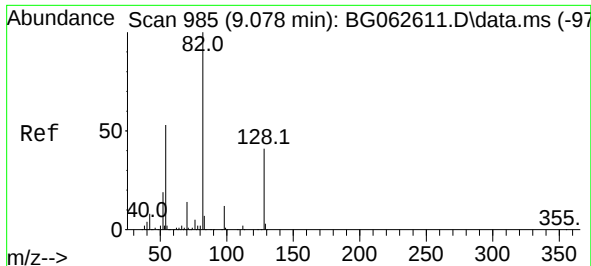
Tgt Ion:136	Resp: 245870
Ion Ratio	Lower Upper
136 100	
137 10.1	9.0 13.4
54 9.5	7.8 11.6
68 6.0	5.1 7.7



#22
Acetophenone
Concen: 3.280 ng
RT: 8.735 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt	Ion:105	Resp:	21754
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.5	5.3#
51	27.7	25.7	38.5
120	20.2	15.7	23.5





#23

Nitrobenzene-d5

Concen: 75.307 ng

RT: 9.075 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

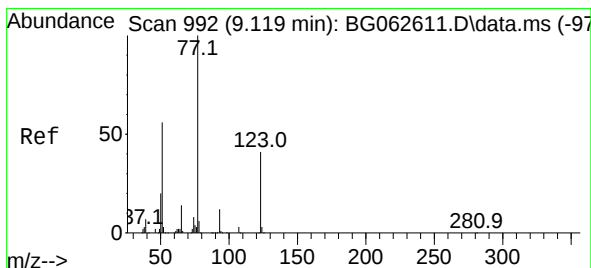
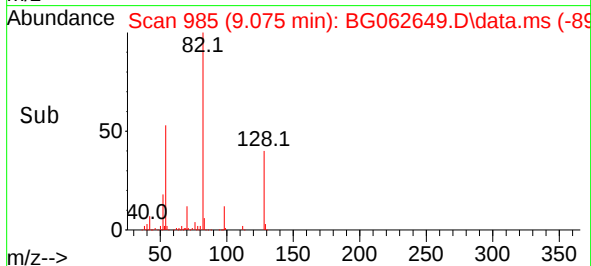
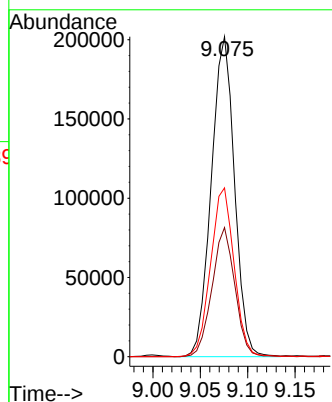
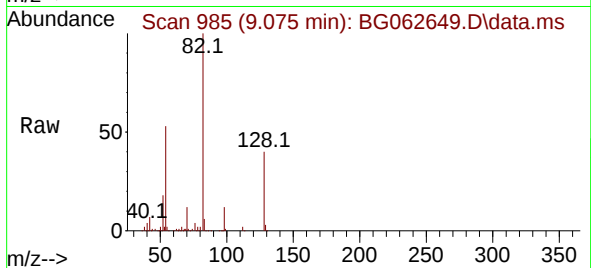
Tgt Ion: 82 Resp: 343800

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 52.7 42.5 63.7



#24

Nitrobenzene

Concen: 3.751 ng

RT: 9.117 min Scan# 992

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

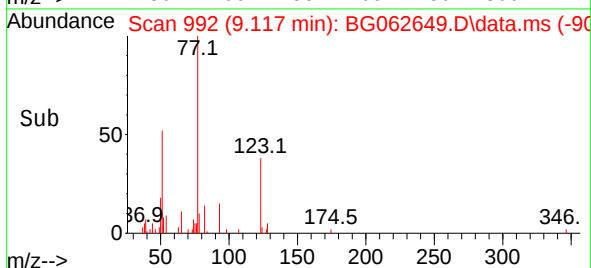
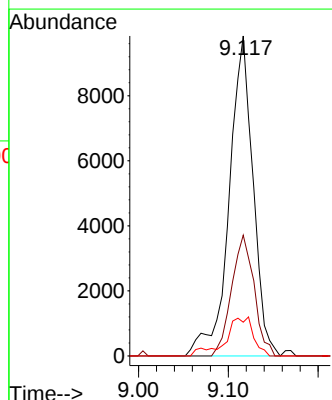
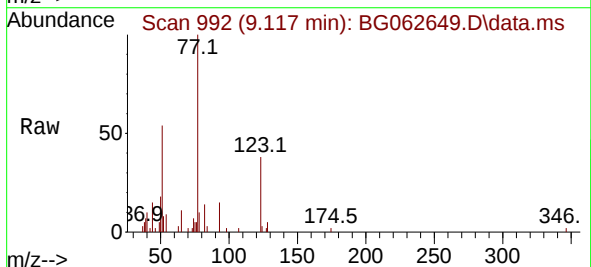
Tgt Ion: 77 Resp: 18207

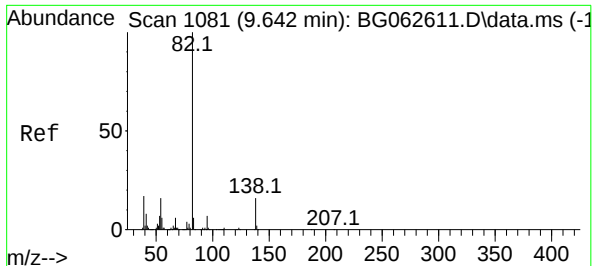
Ion Ratio Lower Upper

77 100

123 37.8 33.1 49.7

65 10.5 11.0 16.4#

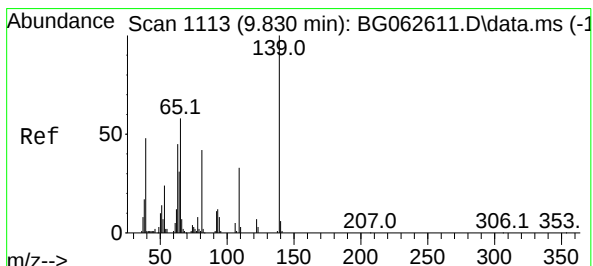
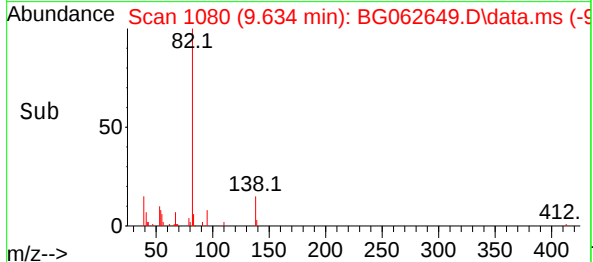
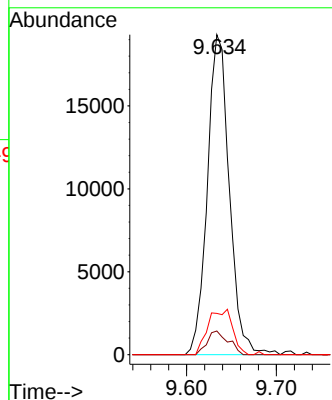
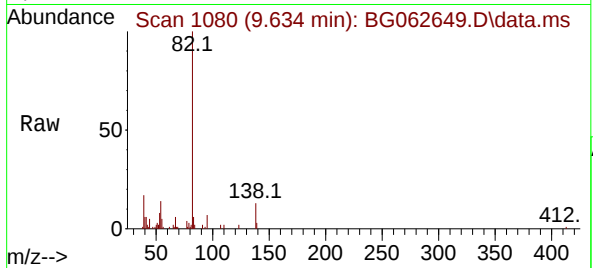




#25
Isophorone
Concen: 3.268 ng
RT: 9.634 min Scan# 1080
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

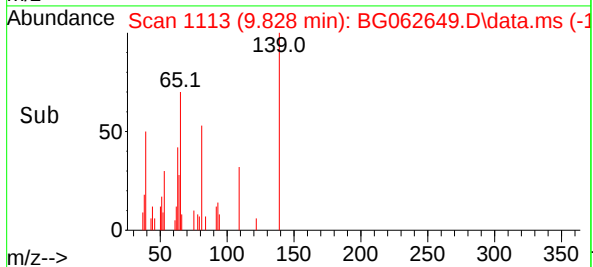
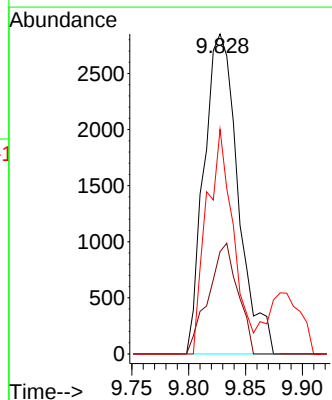
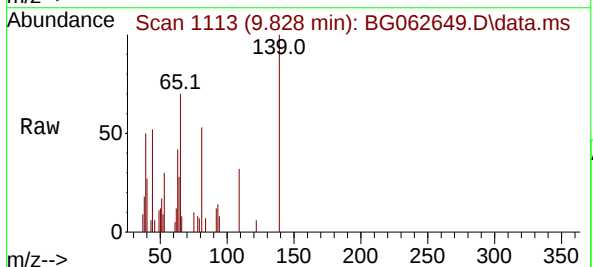
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

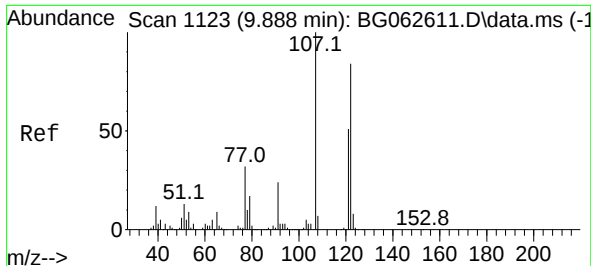
Tgt Ion: 82 Resp: 32754
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 12.9 12.6 18.8



#26
2-Nitrophenol
Concen: 3.241 ng
RT: 9.828 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:139 Resp: 5945
Ion Ratio Lower Upper
139 100
109 31.9 26.6 39.8
65 70.2 46.5 69.7#





#27

2,4-Dimethylphenol

Concen: 3.014 ng

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

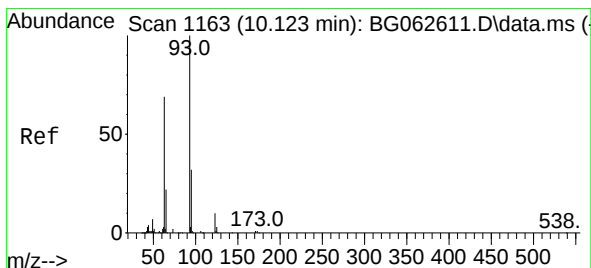
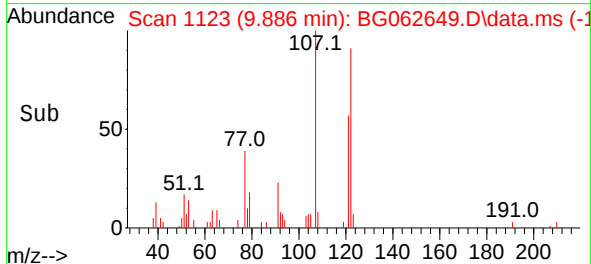
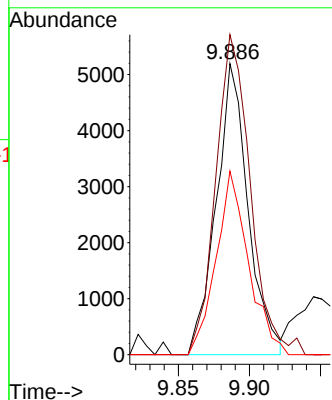
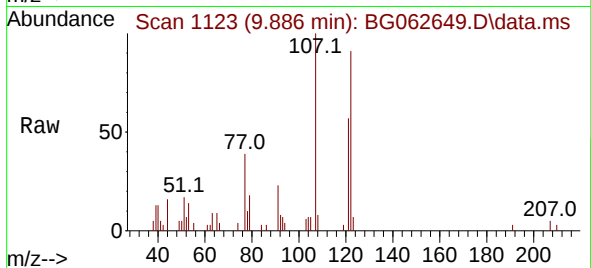
Tgt Ion:122 Resp: 8101

Ion Ratio Lower Upper

122 100

107 110.0 95.8 143.6

121 63.1 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 3.399 ng

RT: 10.121 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

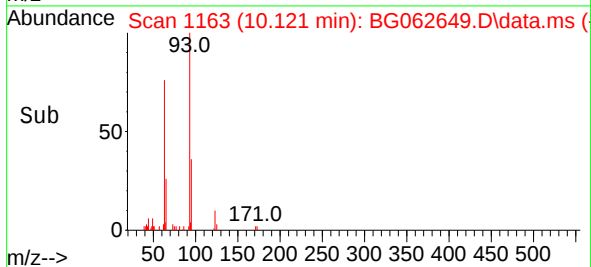
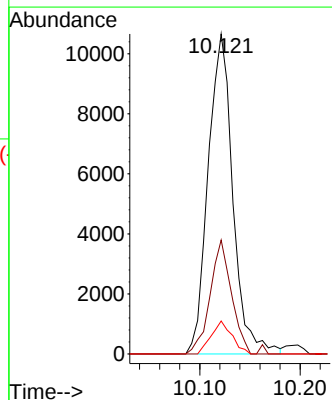
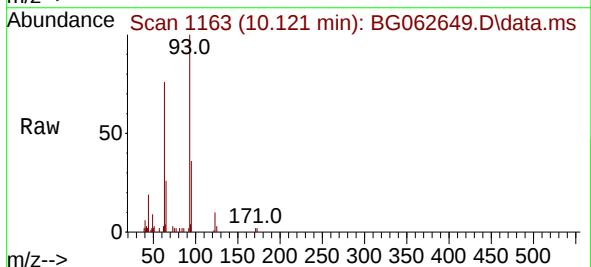
Tgt Ion: 93 Resp: 18236

Ion Ratio Lower Upper

93 100

95 35.6 25.4 38.0

123 10.3 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 3.205 ng

RT: 10.362 min Scan# 1204

Delta R.T. -0.002 min

Lab File: BG062649.D

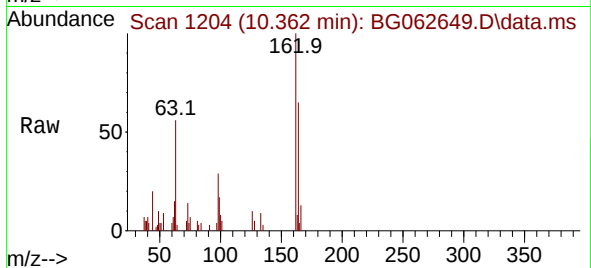
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



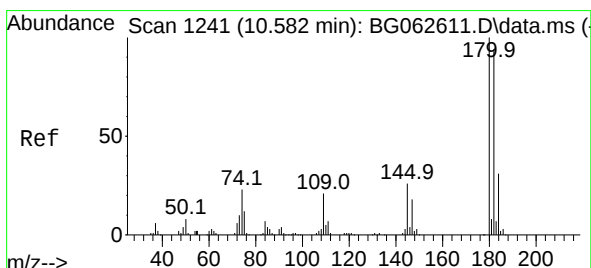
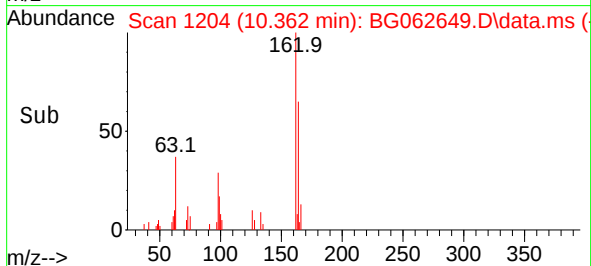
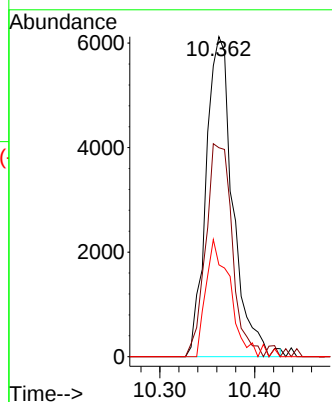
Tgt Ion:162 Resp: 12043

Ion Ratio Lower Upper

162 100

164 65.3 46.8 86.8

98 28.7 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 3.500 ng

RT: 10.580 min Scan# 1241

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

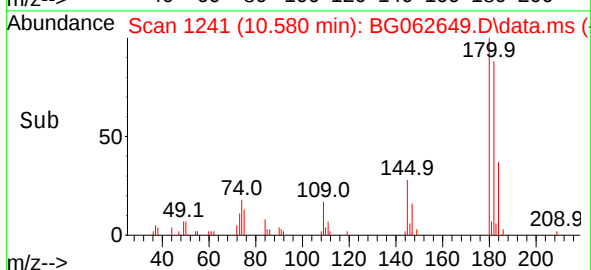
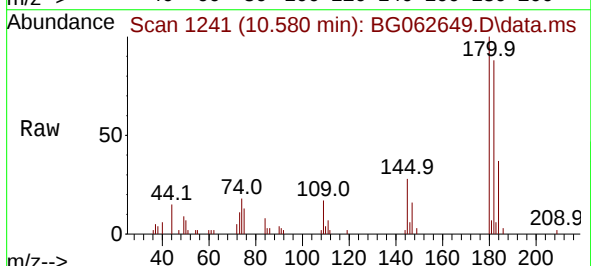
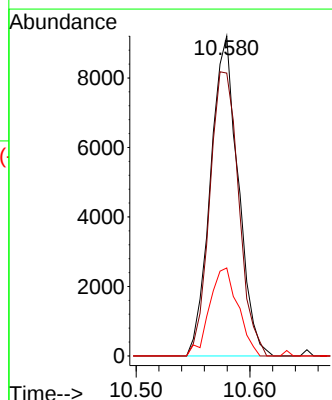
Tgt Ion:180 Resp: 15588

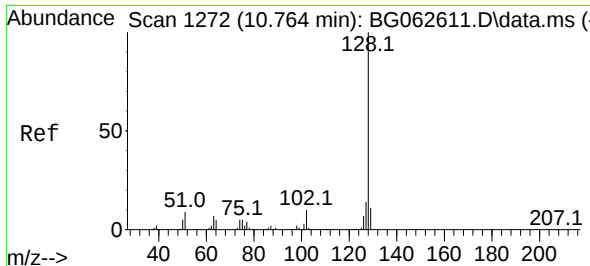
Ion Ratio Lower Upper

180 100

182 88.4 75.1 112.7

145 27.5 20.8 31.2

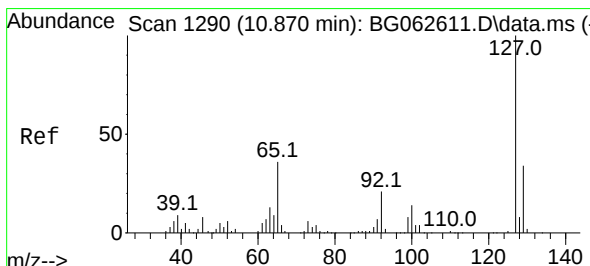
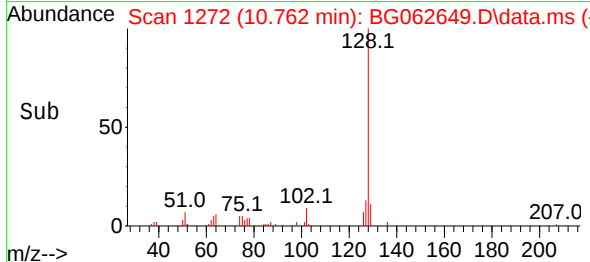
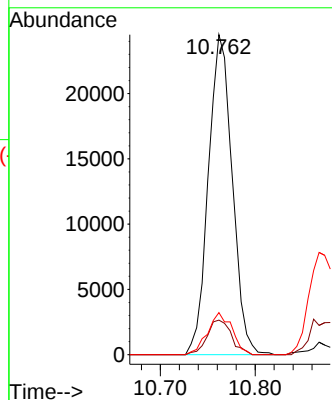
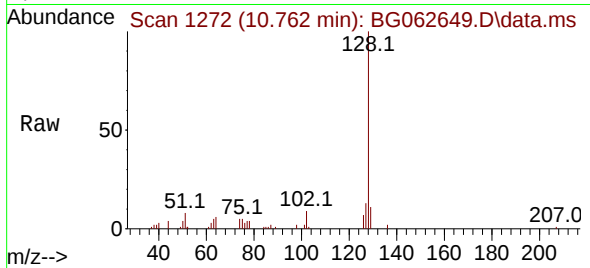




#31
Naphthalene
Concen: 3.517 ng
RT: 10.762 min Scan# 1272
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

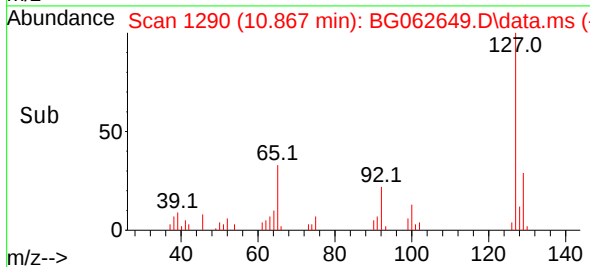
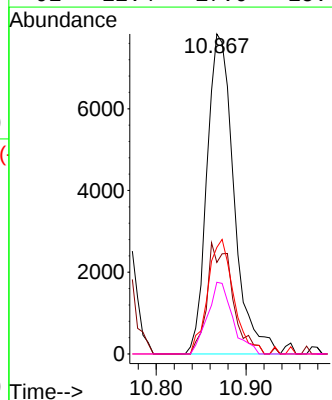
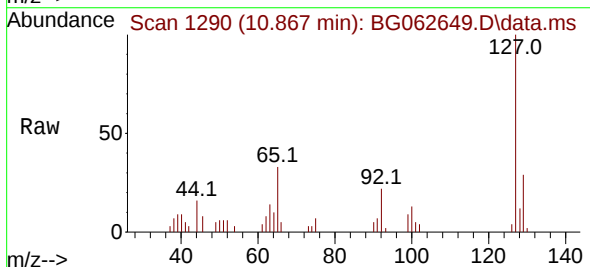
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

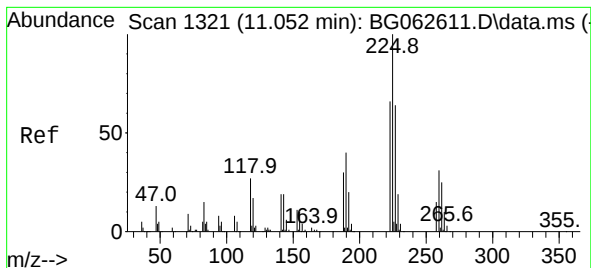
Tgt Ion:128 Resp: 42863
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 11.3 16.9



#33
4-Chloroaniline
Concen: 3.405 ng
RT: 10.867 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:127 Resp: 16328
Ion Ratio Lower Upper
127 100
129 28.6 27.3 40.9
65 33.3 29.0 43.4
92 22.4 17.0 25.4





#34

Hexachlorobutadiene

Concen: 3.383 ng

RT: 11.056 min Scan# 1415

Delta R.T. 0.004 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

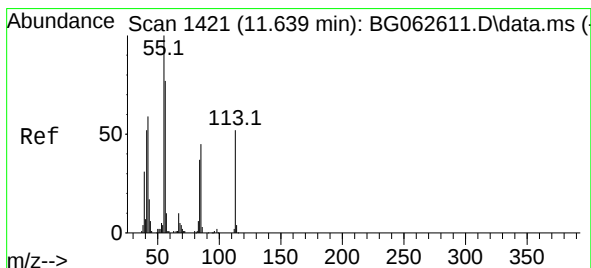
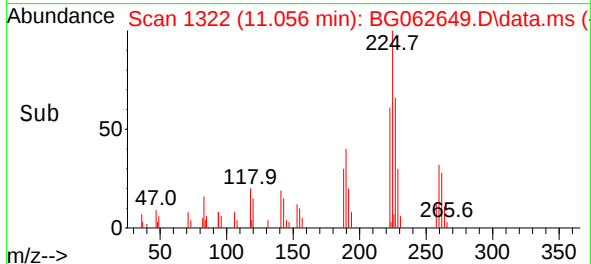
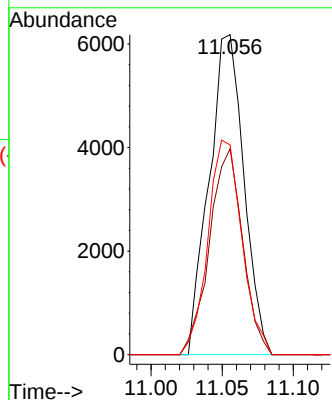
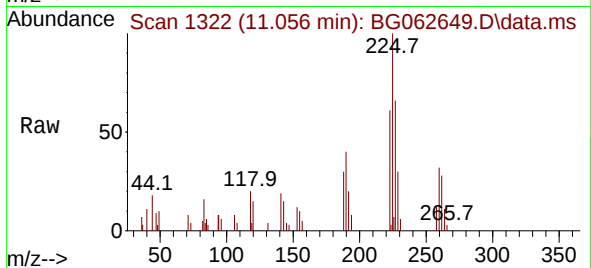
Tgt Ion:225 Resp: 10525

Ion Ratio Lower Upper

225 100

223 59.9 50.1 75.1

227 61.0 48.9 73.3



#35

Caprolactam

Concen: 3.253 ng

RT: 11.602 min Scan# 1415

Delta R.T. -0.037 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

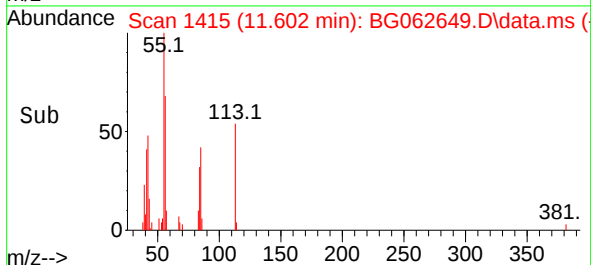
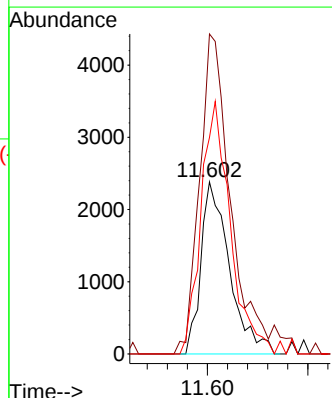
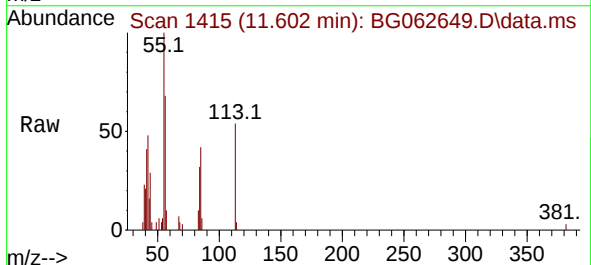
Tgt Ion:113 Resp: 4712

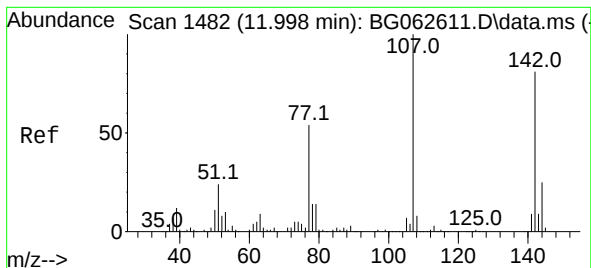
Ion Ratio Lower Upper

113 100

55 186.0 174.1 214.1

56 125.8 129.8 169.8#

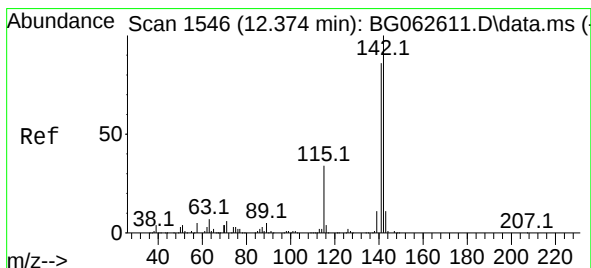
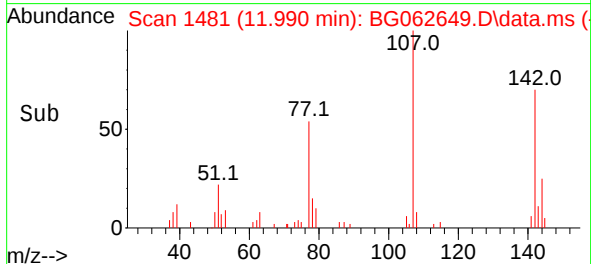
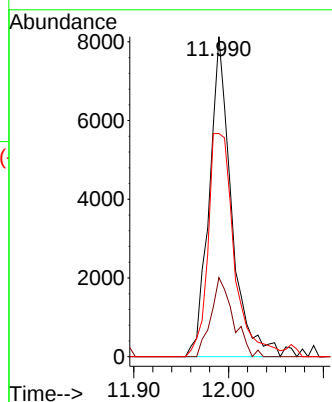
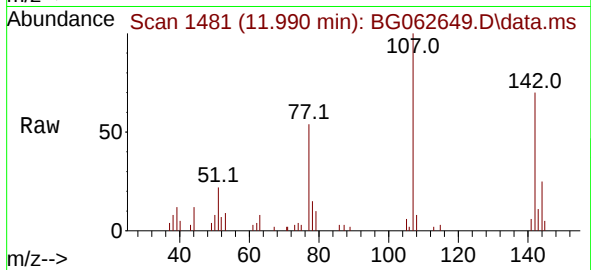




#36
4-Chloro-3-methylphenol
Concen: 2.910 ng
RT: 11.990 min Scan# 1482
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

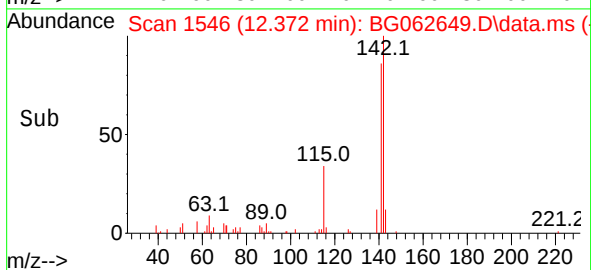
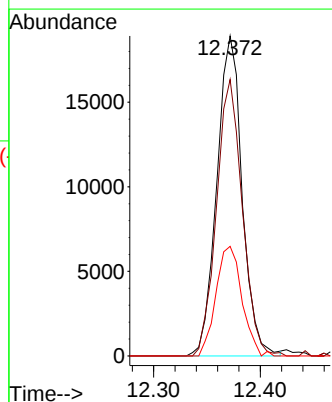
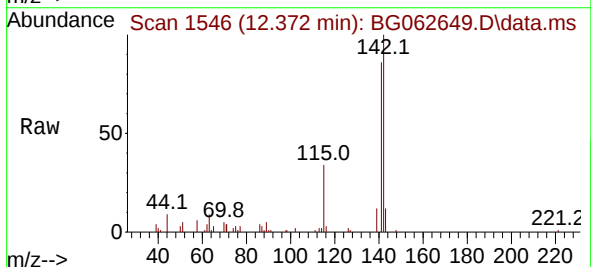
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

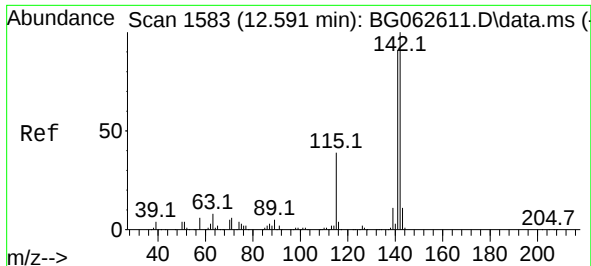
Tgt Ion:107 Resp: 13189
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.8
142 69.7 64.7 97.1



#37
2-Methylnaphthalene
Concen: 3.301 ng
RT: 12.372 min Scan# 1546
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:142 Resp: 31199
Ion Ratio Lower Upper
142 100
141 86.4 68.9 103.3
115 34.3 27.5 41.3





#38

1-Methylnaphthalene

Concen: 3.214 ng

RT: 12.589 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062649.D

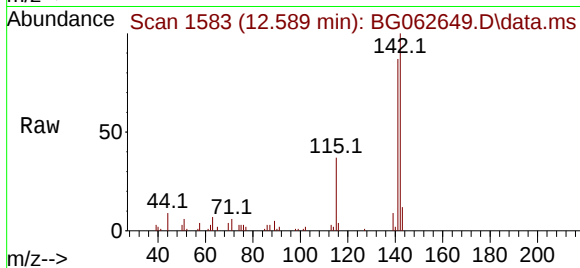
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



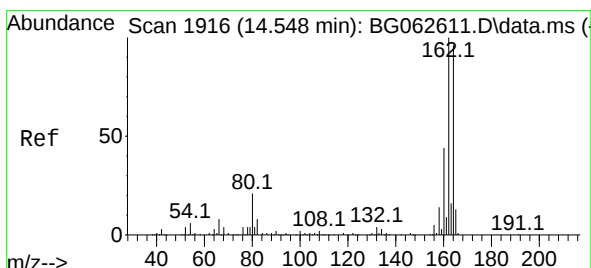
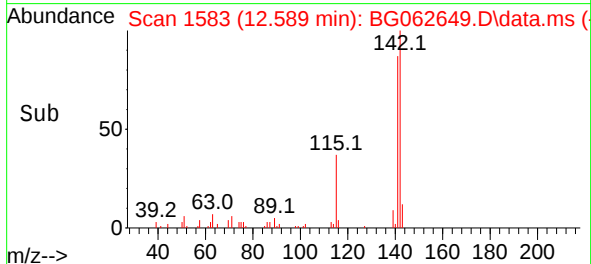
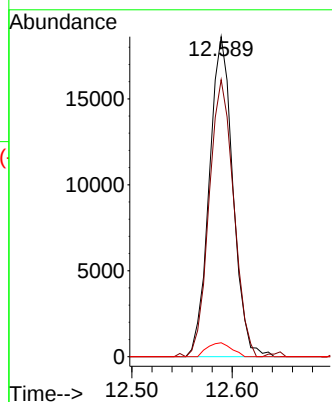
Tgt Ion:142 Resp: 30508

Ion Ratio Lower Upper

142 100

141 86.5 73.0 109.4

116 4.3 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1916

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

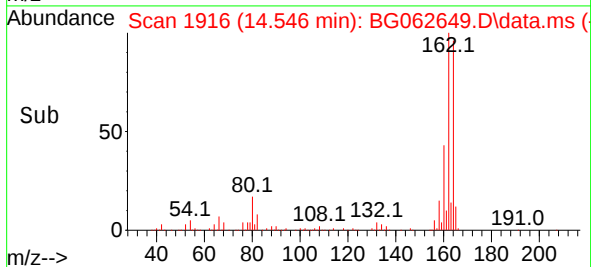
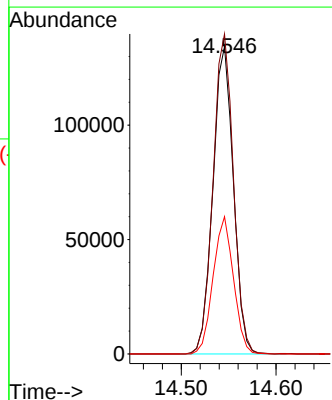
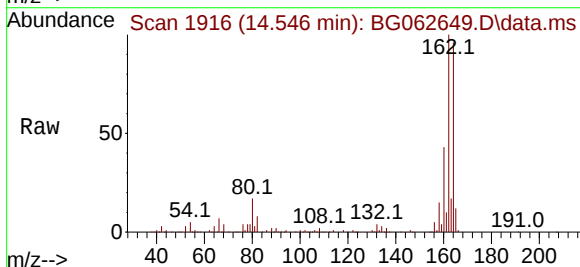
Tgt Ion:164 Resp: 201556

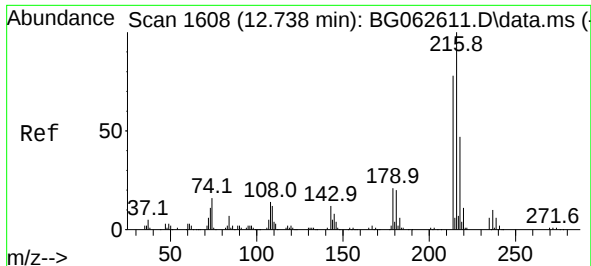
Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

160 44.7 36.2 54.4





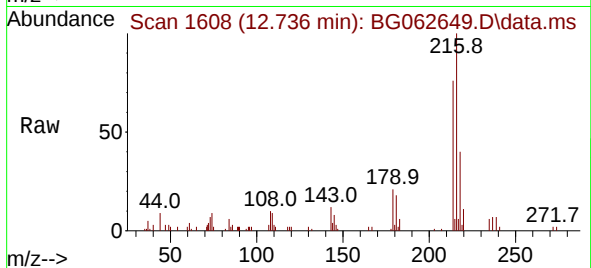
#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.604 ng
RT: 12.736 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Instrument :

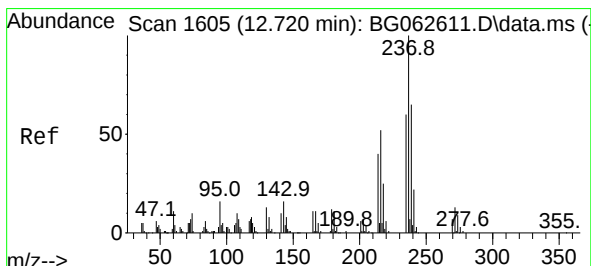
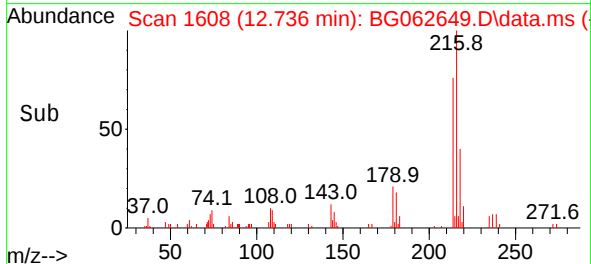
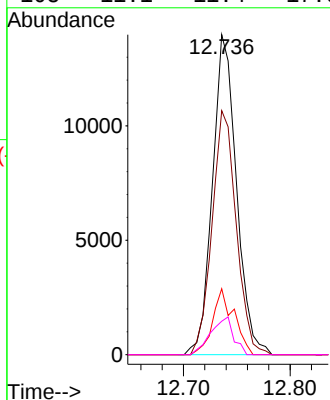
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

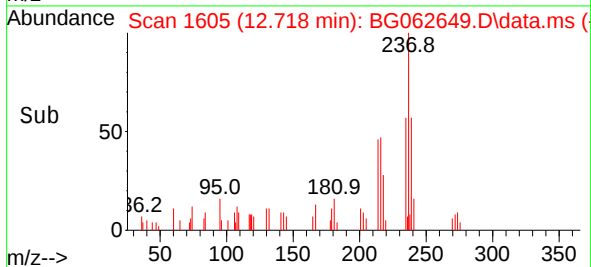
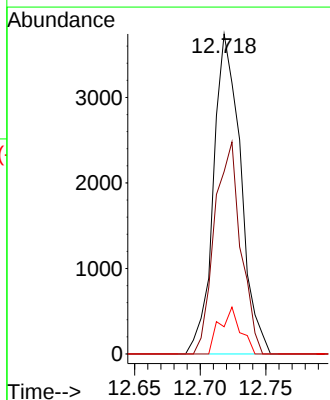
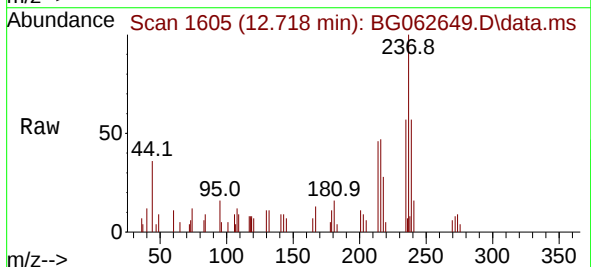


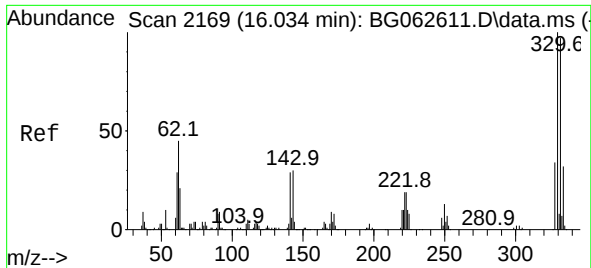
Tgt Ion:216 Resp: 21844
Ion Ratio Lower Upper
216 100
214 76.8 61.6 92.4
179 18.4 15.9 23.9
108 11.1 11.4 17.0#



#41
Hexachlorocyclopentadiene
Concen: 3.117 ng
RT: 12.718 min Scan# 1605
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:237 Resp: 5390
Ion Ratio Lower Upper
237 100
235 57.0 40.4 80.4
272 8.5 0.0 32.7





#42

2,4,6-Tribromophenol

Concen: 119.908 ng

RT: 16.032 min Scan# 2169

Delta R.T. -0.002 min

Lab File: BG062649.D

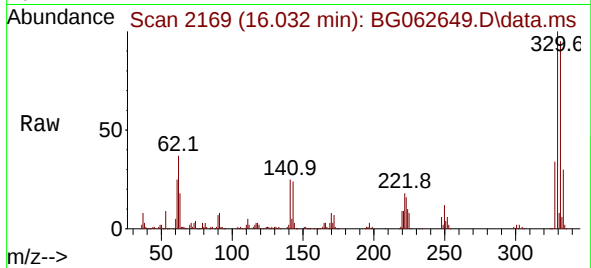
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



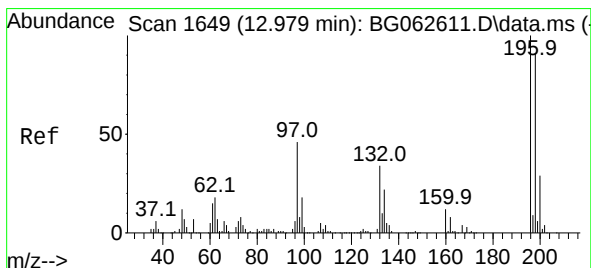
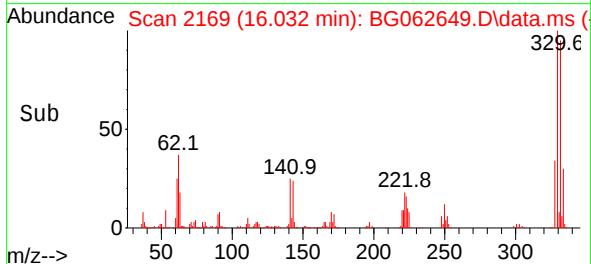
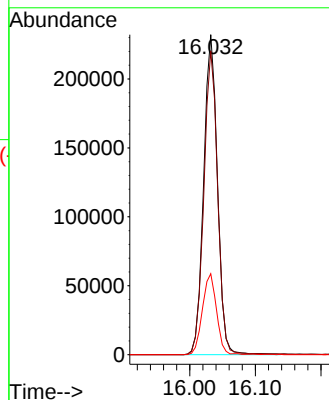
Tgt Ion:330 Resp: 340123

Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

141 25.8 22.2 33.4



#43

2,4,6-Trichlorophenol

Concen: 3.506 ng

RT: 13.053 min Scan# 1662

Delta R.T. 0.074 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

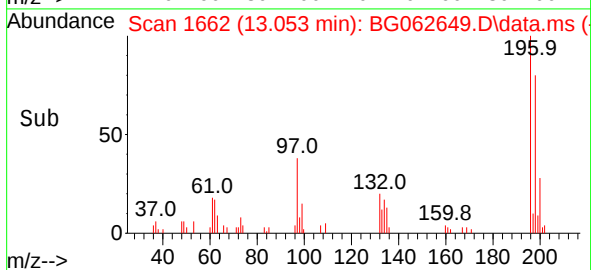
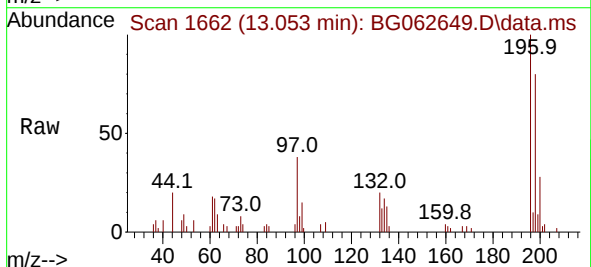
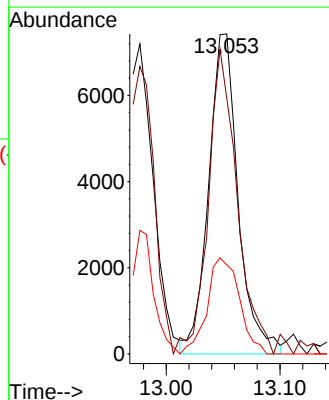
Tgt Ion:196 Resp: 13471

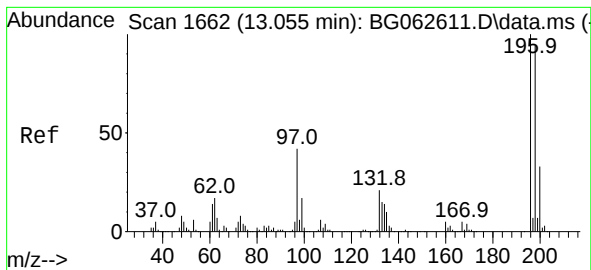
Ion Ratio Lower Upper

196 100

198 79.9 72.8 109.2

200 27.9 23.5 35.3

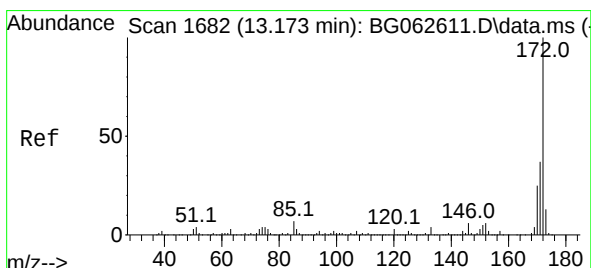
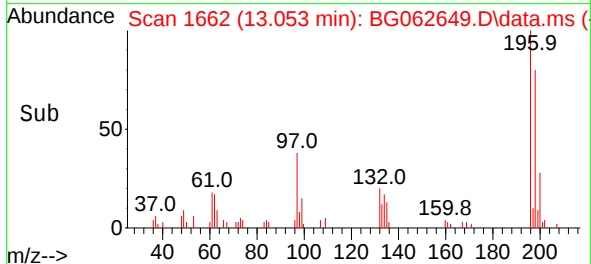
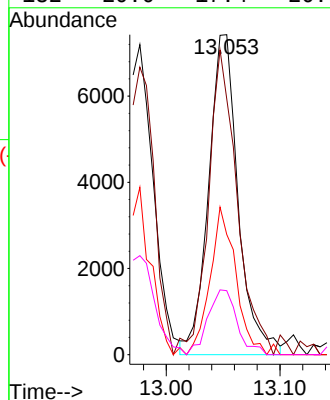
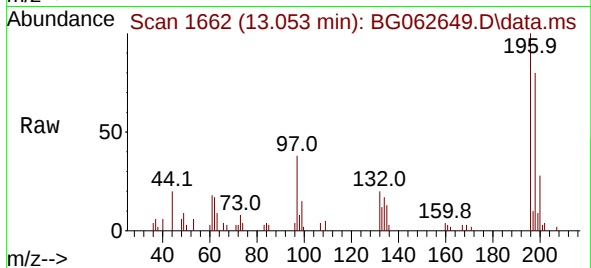




#44
2,4,5-Trichlorophenol
Concen: 3.096 ng
RT: 13.053 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

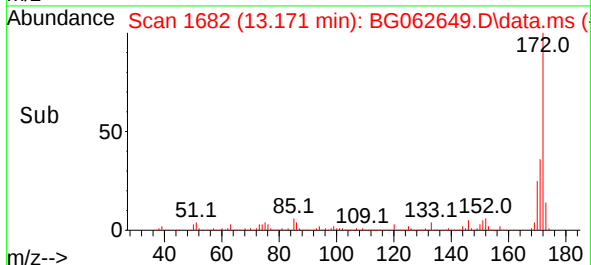
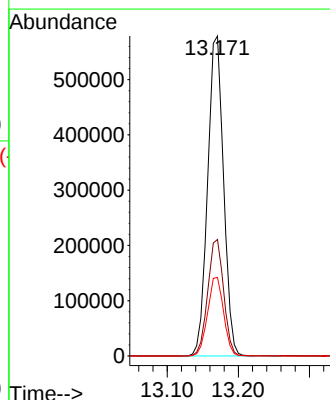
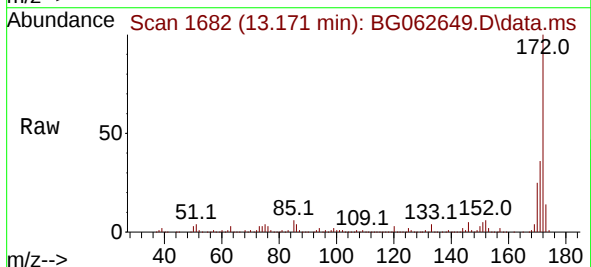
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

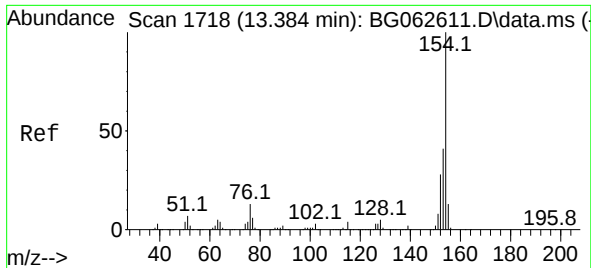
Tgt Ion:196	Resp:	13471
Ion	Ratio	Lower Upper
196	100	
198	79.9	75.5 113.3
97	37.6	34.1 51.1
132	20.0	17.4 26.0



#45
2-Fluorobiphenyl
Concen: 72.538 ng
RT: 13.171 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:172	Resp:	902617
Ion	Ratio	Lower Upper
172	100	
171	36.4	29.7 44.5
170	24.5	20.0 30.0

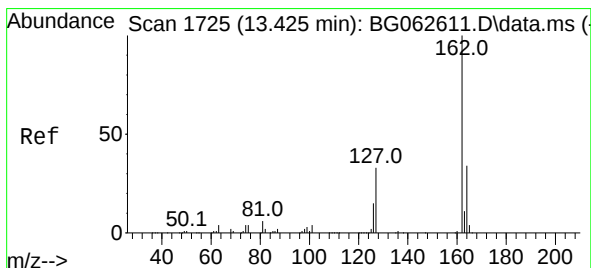
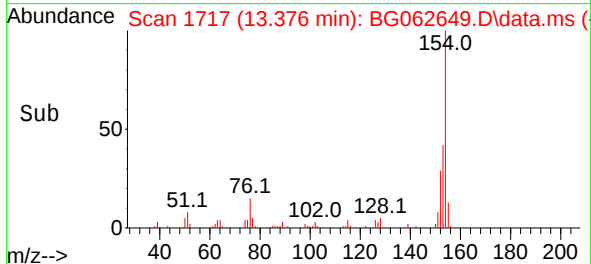
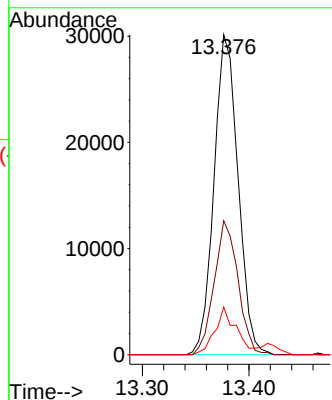
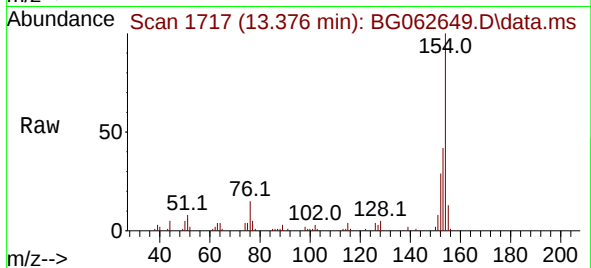




#46
1,1'-Biphenyl
Concen: 3.508 ng
RT: 13.376 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

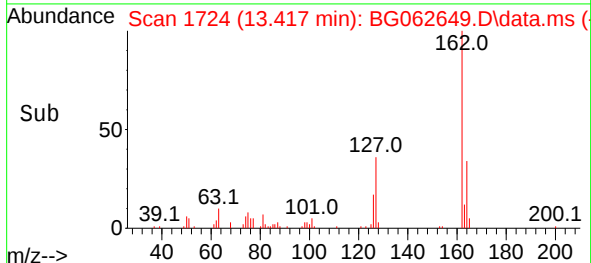
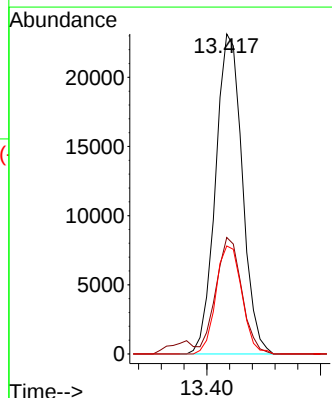
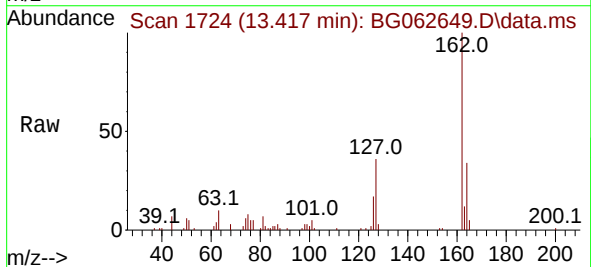
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

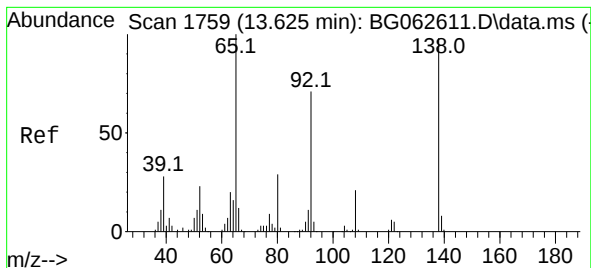
Tgt Ion:154 Resp: 47174
Ion Ratio Lower Upper
154 100
153 41.9 20.8 60.8
76 14.9 0.0 33.4



#47
2-Chloronaphthalene
Concen: 3.467 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:162 Resp: 37781
Ion Ratio Lower Upper
162 100
127 36.4 28.7 43.1
164 33.8 26.9 40.3





#48

2-Nitroaniline

Concen: 3.106 ng

RT: 13.617 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062649.D

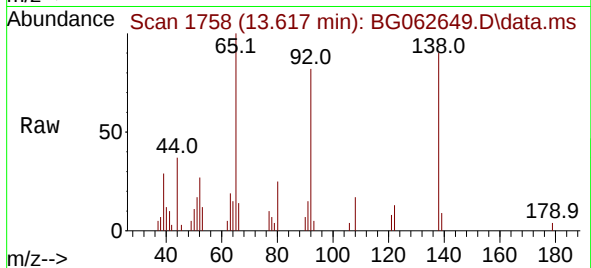
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



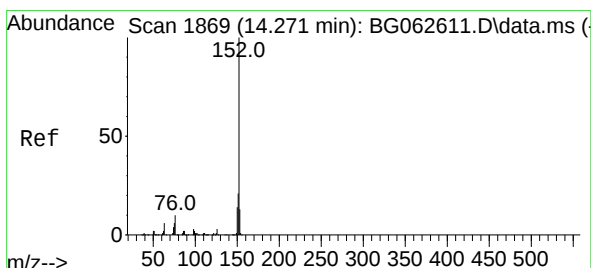
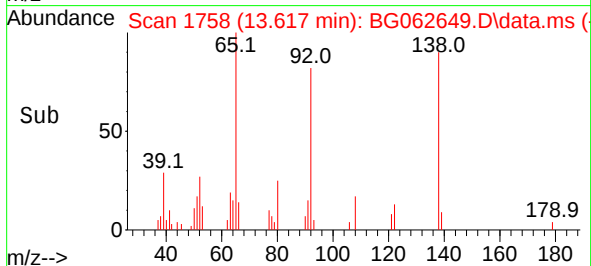
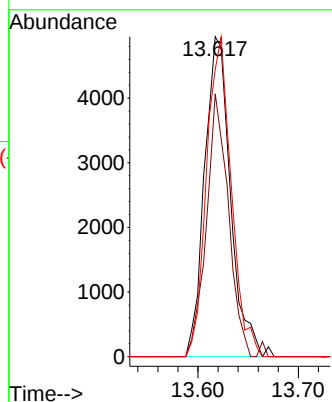
Tgt Ion: 65 Resp: 8902

Ion Ratio Lower Upper

65 100

92 82.2 56.6 84.8

138 89.8 78.7 118.1



#49

Acenaphthylene

Concen: 3.624 ng

RT: 14.264 min Scan# 1868

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

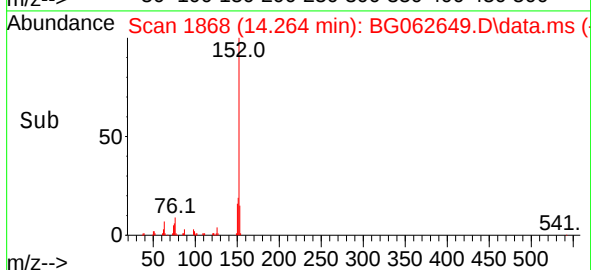
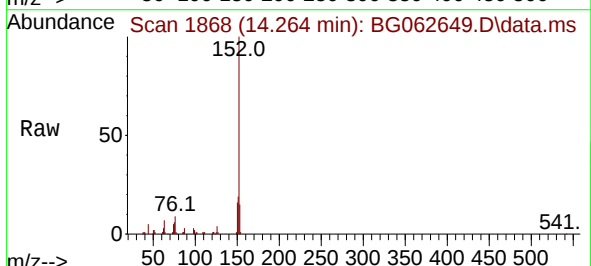
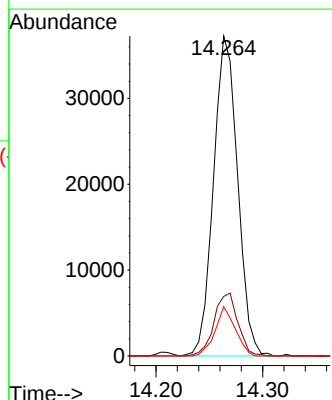
Tgt Ion: 152 Resp: 58490

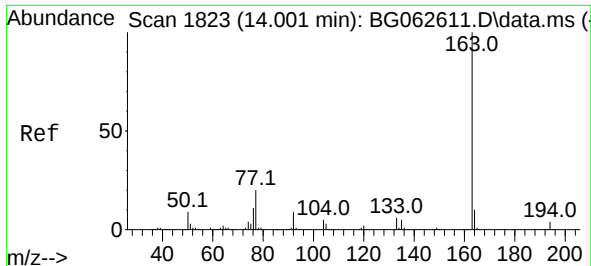
Ion Ratio Lower Upper

152 100

151 18.6 16.6 24.8

153 15.4 10.2 15.4#





#50

Dimethylphthalate

Concen: 3.484 ng

RT: 13.993 min Scan# 1822

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

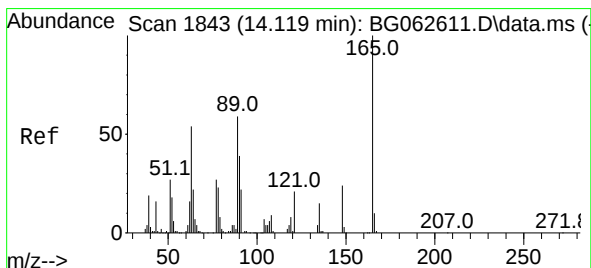
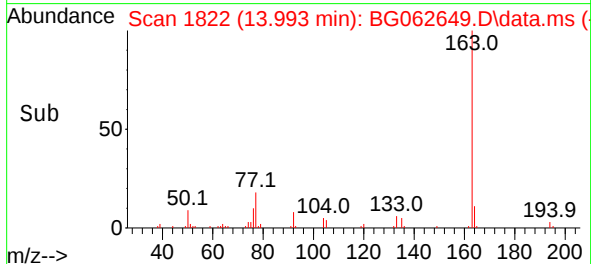
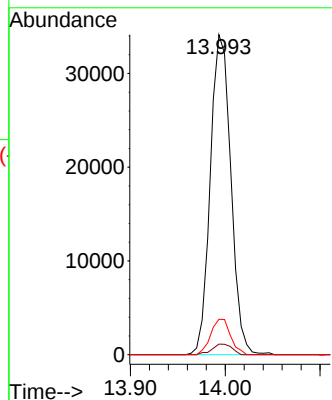
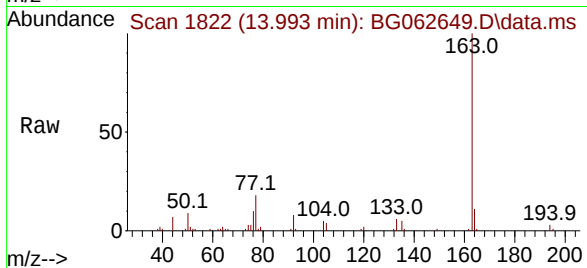
Tgt Ion:163 Resp: 51348

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

164 11.1 8.3 12.5



#51

2,6-Dinitrotoluene

Concen: 3.047 ng

RT: 14.111 min Scan# 1842

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

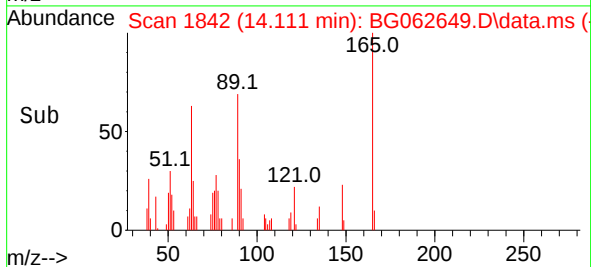
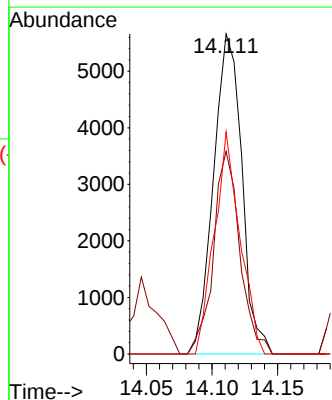
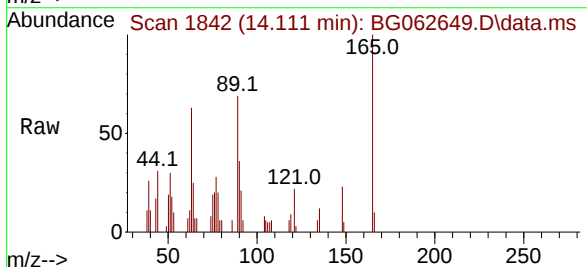
Tgt Ion:165 Resp: 8494

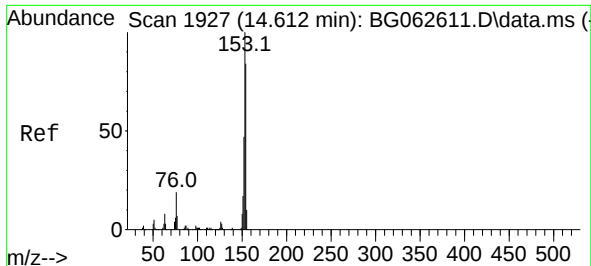
Ion Ratio Lower Upper

165 100

63 63.3 46.6 69.8

89 69.3 47.2 70.8

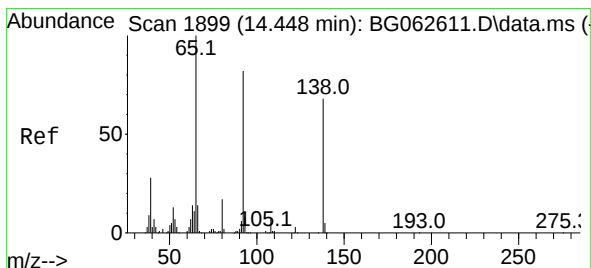
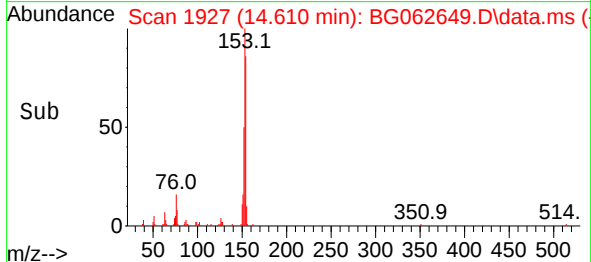
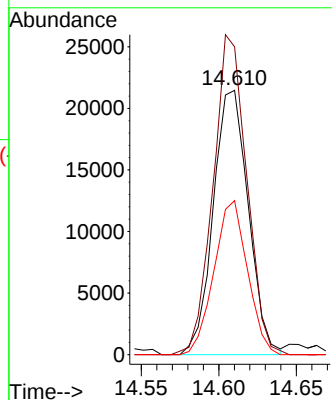
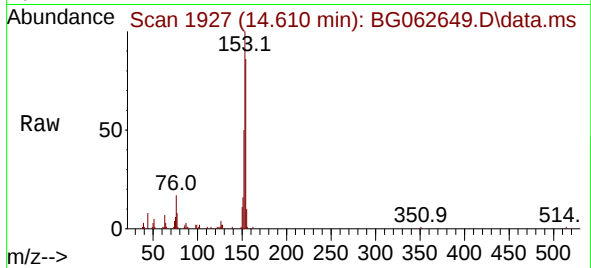




#52
Acenaphthene
Concen: 3.347 ng
RT: 14.610 min Scan# 1927
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

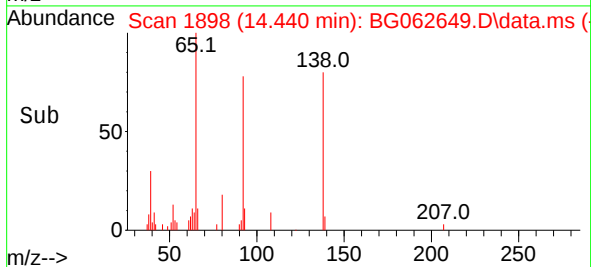
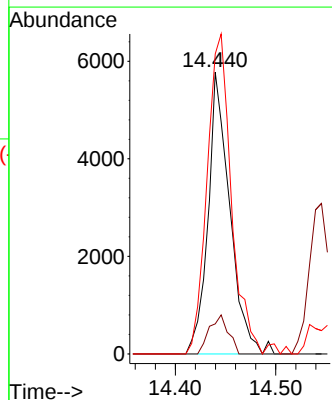
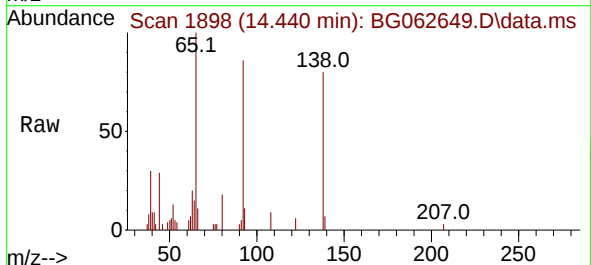
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

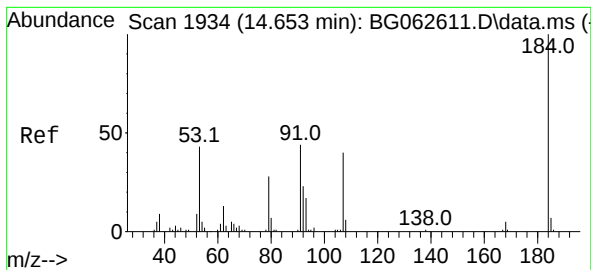
Tgt Ion:154 Resp: 33770
Ion Ratio Lower Upper
154 100
153 116.4 95.0 142.4
152 58.3 45.0 67.6



#53
3-Nitroaniline
Concen: 3.232 ng
RT: 14.440 min Scan# 1898
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:138 Resp: 8718
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 106.5 95.7 143.5

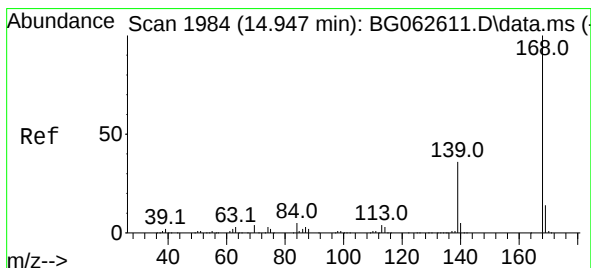
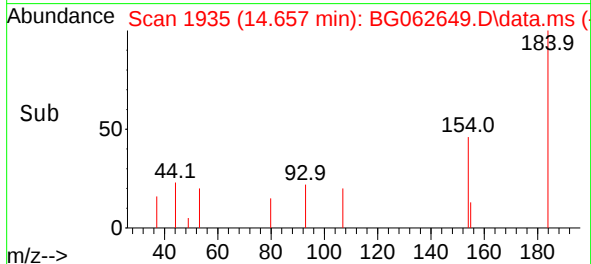
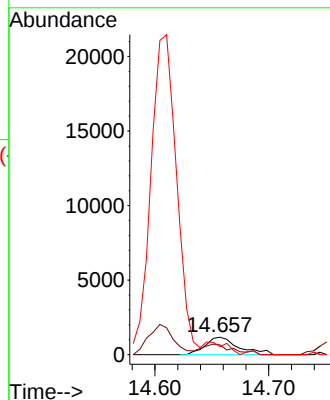
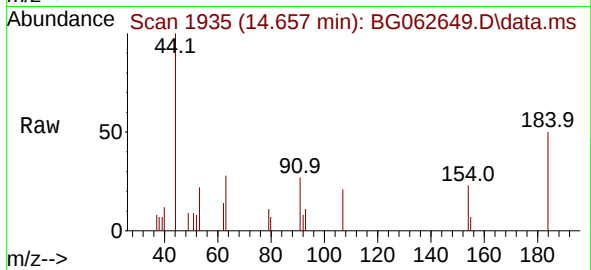




#54
2,4-Dinitrophenol
Concen: 1.521 ng
RT: 14.657 min Scan# 1934
Delta R.T. 0.004 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

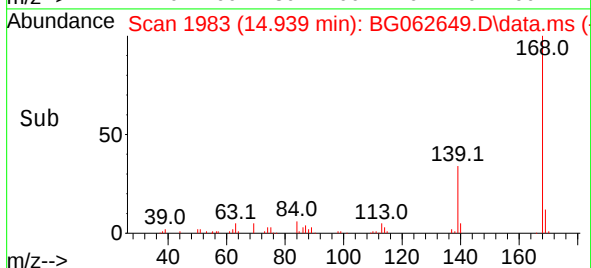
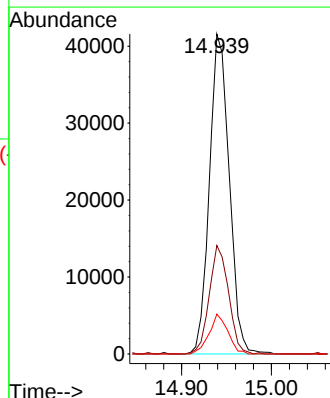
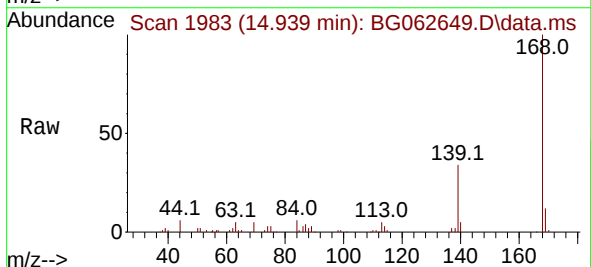
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

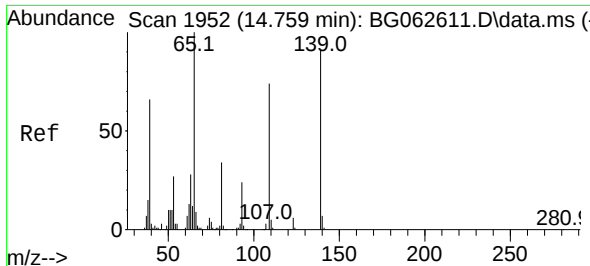
Tgt Ion:184 Resp: 2380
Ion Ratio Lower Upper
184 100
63 56.3 49.0 73.4
154 46.0 50.5 75.7#



#55
Dibenzofuran
Concen: 3.685 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:168 Resp: 63762
Ion Ratio Lower Upper
168 100
139 33.9 28.6 42.8
169 12.5 11.0 16.6

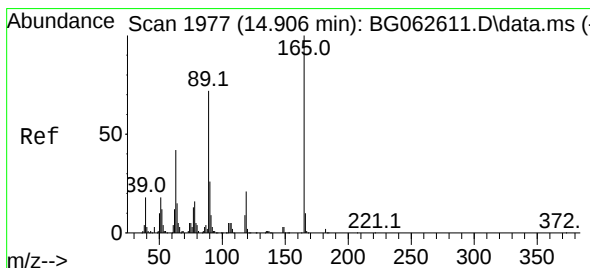
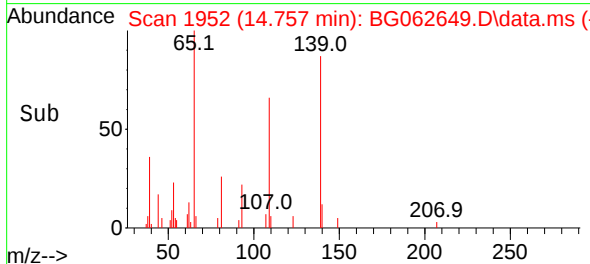
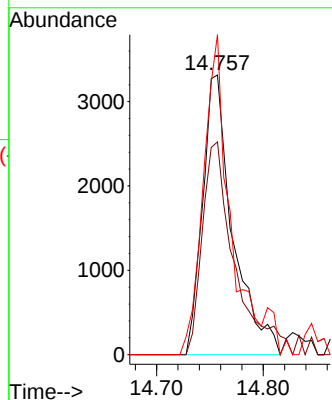
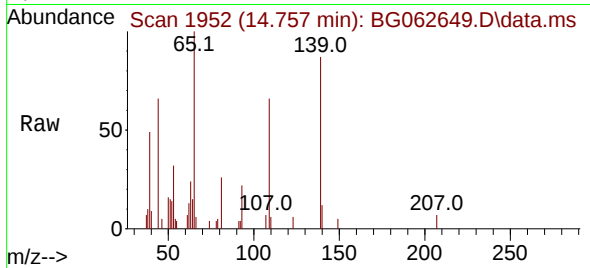




#56
4-Nitrophenol
Concen: 2.847 ng
RT: 14.757 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

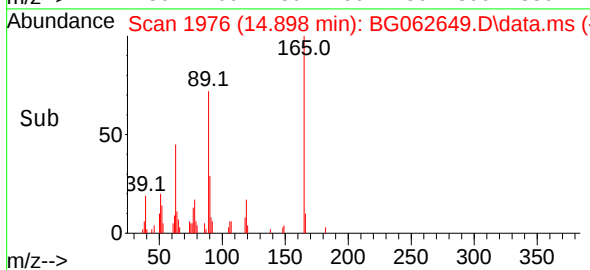
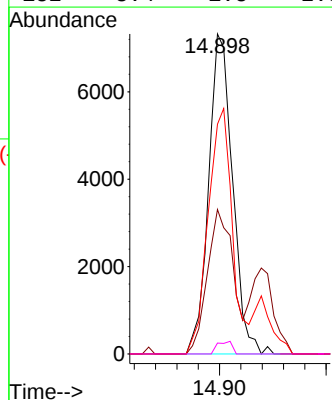
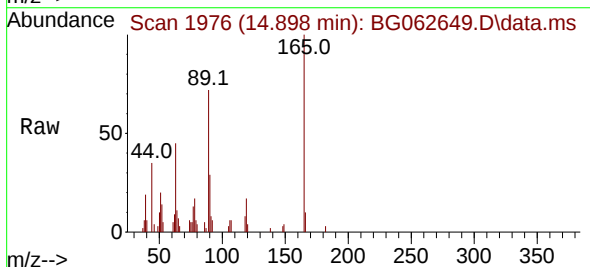
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

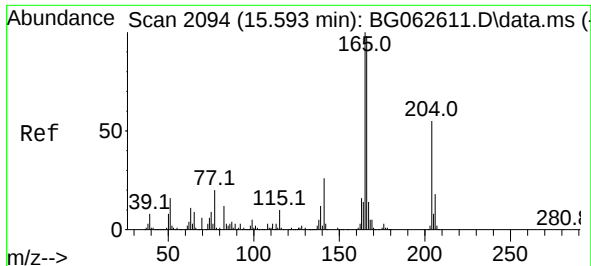
Tgt Ion:139 Resp: 6508
Ion Ratio Lower Upper
139 100
109 76.1 61.2 101.2
65 114.4 90.2 130.2



#57
2,4-Dinitrotoluene
Concen: 3.006 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:165 Resp: 11433
Ion Ratio Lower Upper
165 100
63 45.2 33.8 50.6
89 71.8 57.9 86.9
182 3.4 1.8 2.8#

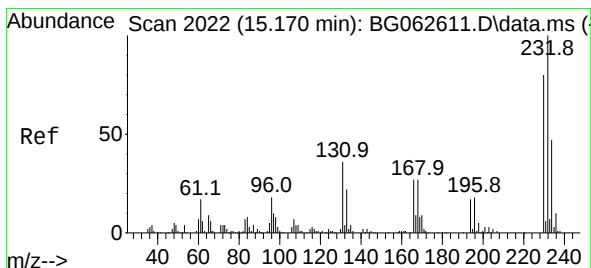
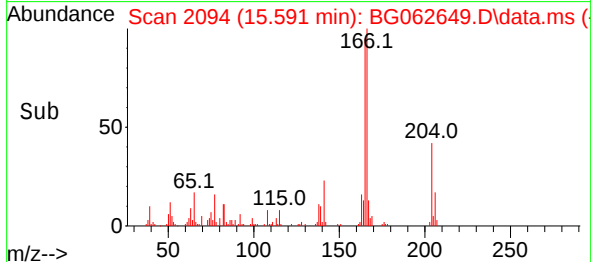
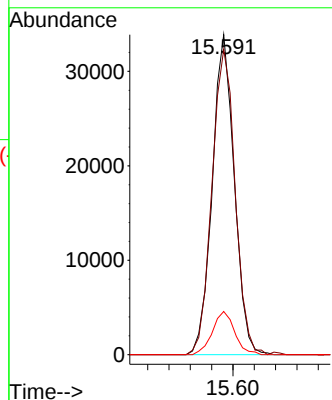
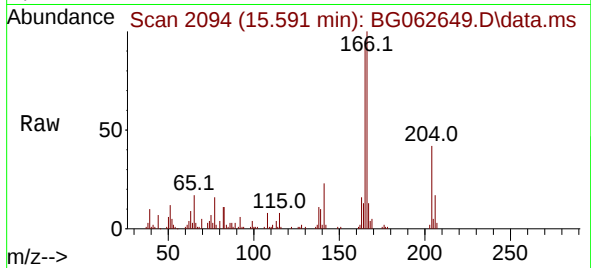




#58
Fluorene
Concen: 3.574 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

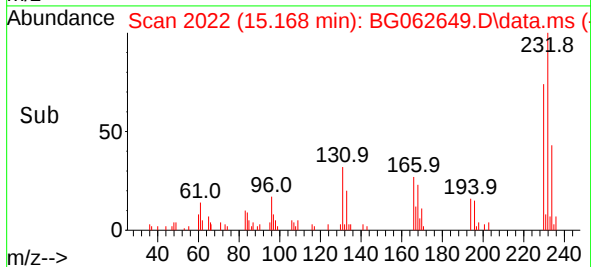
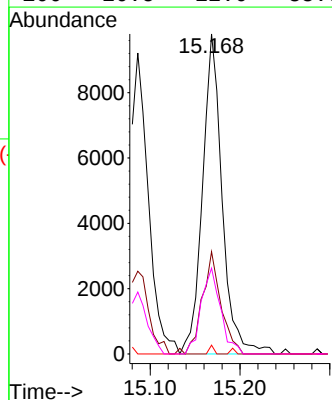
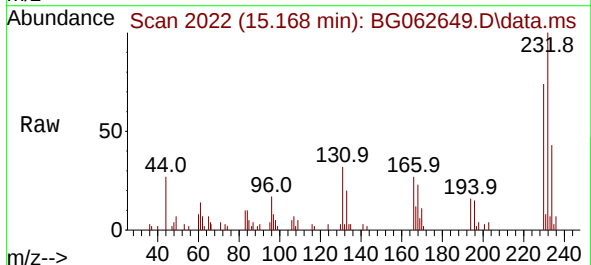
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

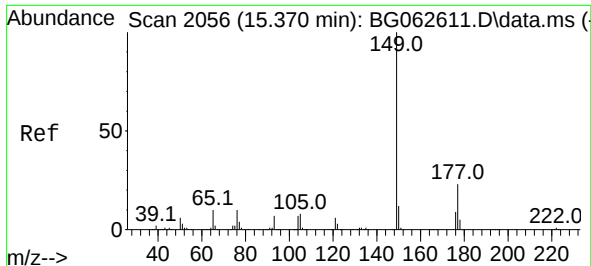
Tgt Ion:166 Resp: 48527
Ion Ratio Lower Upper
166 100
165 95.4 82.0 123.0
167 13.5 11.3 16.9



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.612 ng
RT: 15.168 min Scan# 2022
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:232 Resp: 14891
Ion Ratio Lower Upper
232 100
131 30.6 28.3 42.5
130 0.6 1.7 2.5#
166 26.5 22.0 33.0





#60

Diethylphthalate

Concen: 3.398 ng

RT: 15.362 min Scan# 2055

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

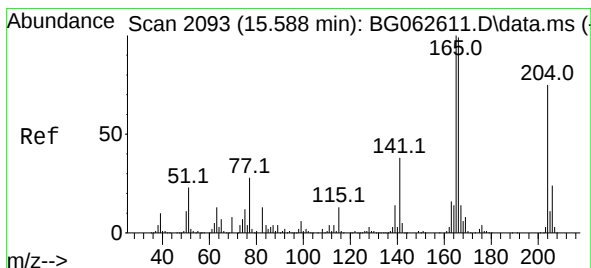
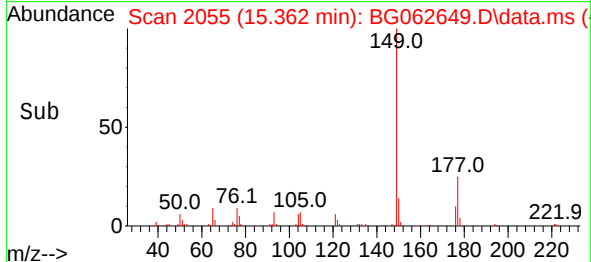
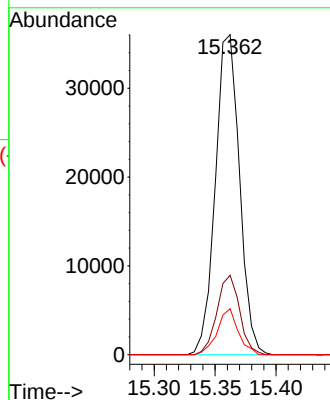
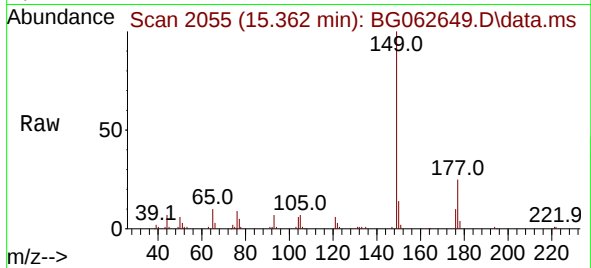
Tgt Ion:149 Resp: 49640

Ion Ratio Lower Upper

149 100

177 24.8 18.0 27.0

150 14.3 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 3.413 ng

RT: 15.586 min Scan# 2093

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

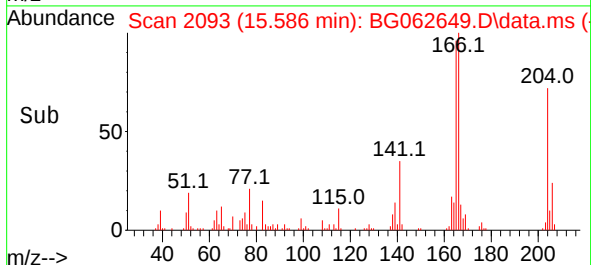
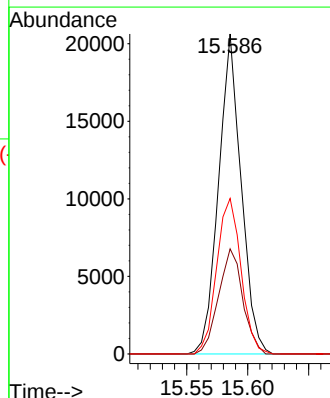
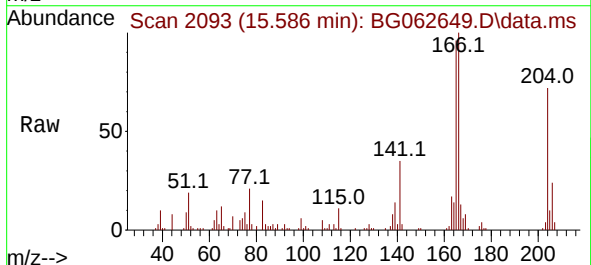
Tgt Ion:204 Resp: 26604

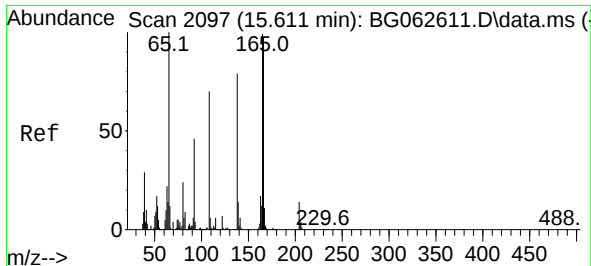
Ion Ratio Lower Upper

204 100

206 32.8 25.9 38.9

141 48.6 41.0 61.6





#62

4-Nitroaniline

Concen: 3.265 ng

RT: 15.597 min Scan# 2097

Delta R.T. -0.014 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

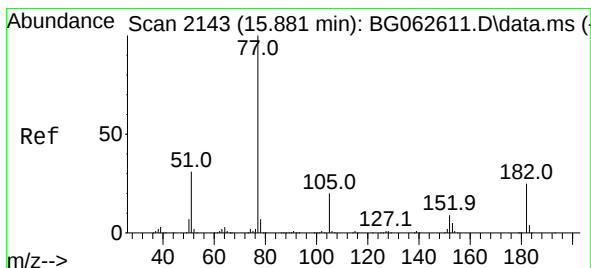
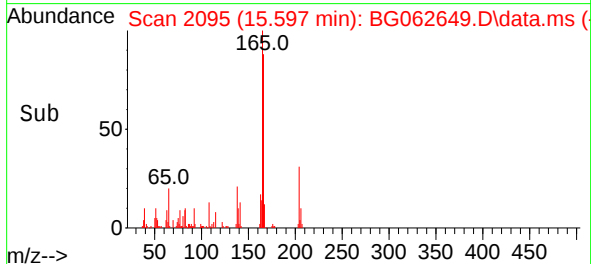
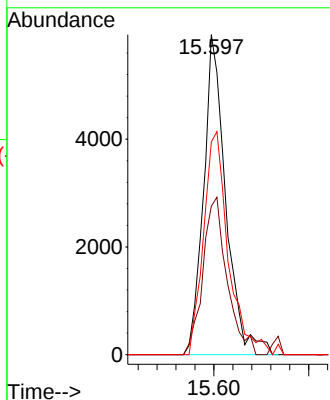
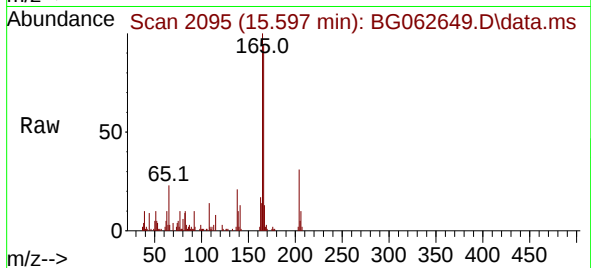
Tgt Ion:138 Resp: 9711

Ion Ratio Lower Upper

138 100

92 46.4 38.4 78.4

108 66.5 69.0 109.0#



#63

Azobenzene

Concen: 3.331 ng

RT: 15.879 min Scan# 2143

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Tgt Ion: 77 Resp: 45694

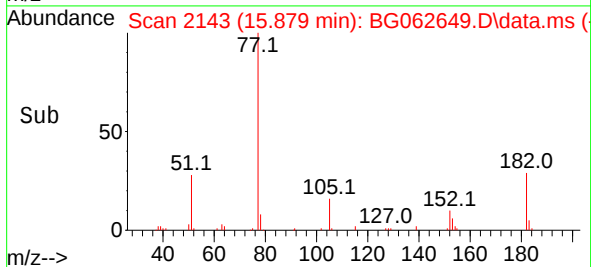
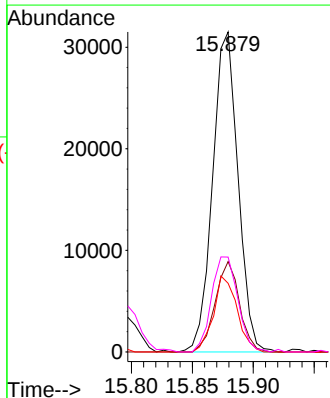
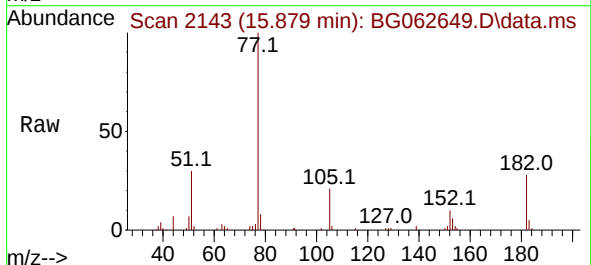
Ion Ratio Lower Upper

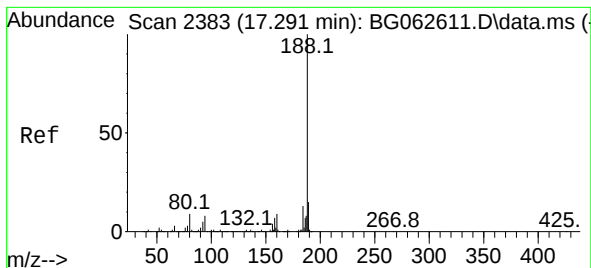
77 100

182 28.2 5.0 45.0

105 21.4 0.5 40.5

51 29.6 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.289 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

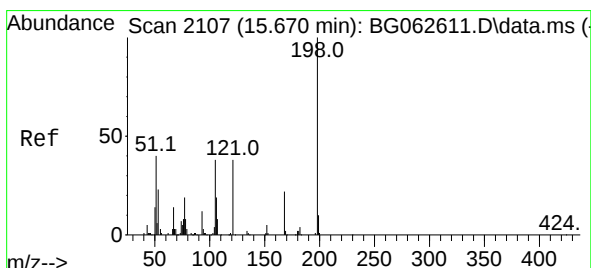
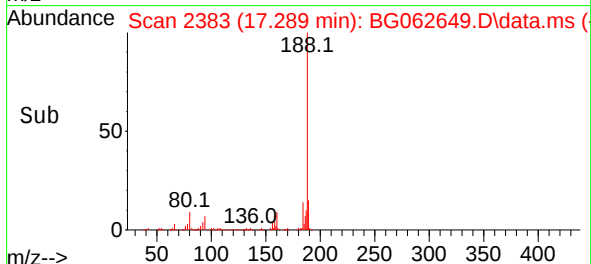
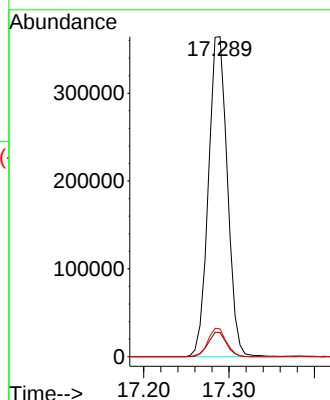
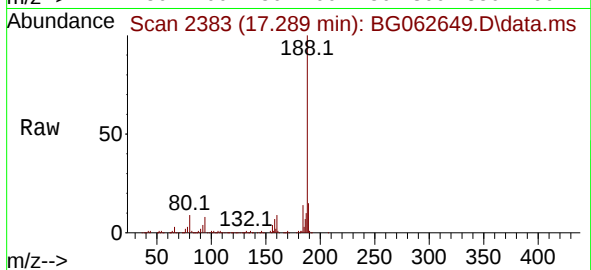
Tgt Ion:188 Resp: 562523

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

80 8.7 7.0 10.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.362 ng

RT: 15.668 min Scan# 2107

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

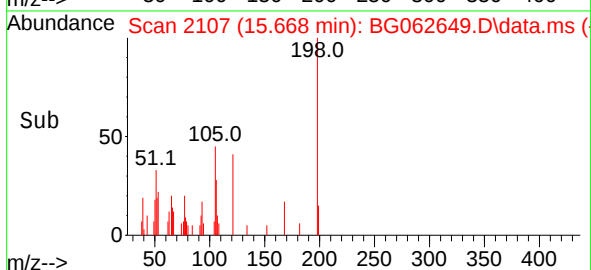
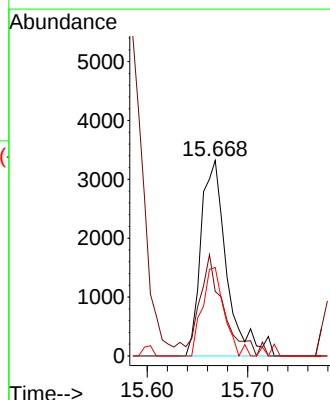
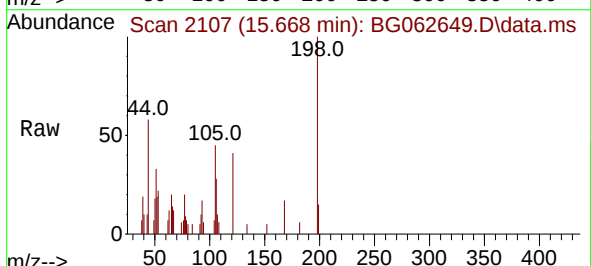
Tgt Ion:198 Resp: 5929

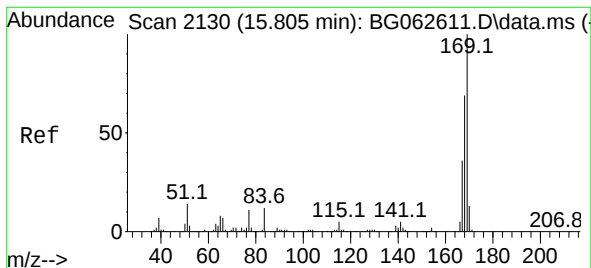
Ion Ratio Lower Upper

198 100

51 33.0 25.1 65.1

105 45.2 18.3 58.3





#66

n-Nitrosodiphenylamine

Concen: 3.285 ng

RT: 15.797 min Scan# 2130

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

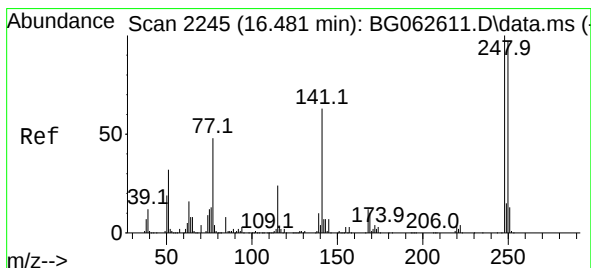
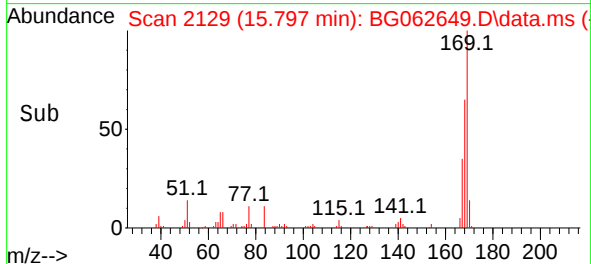
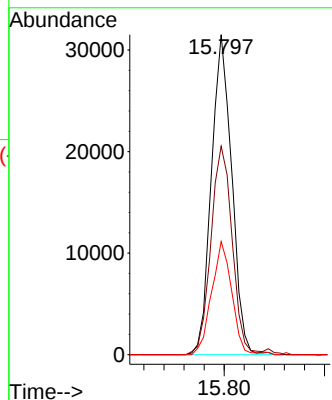
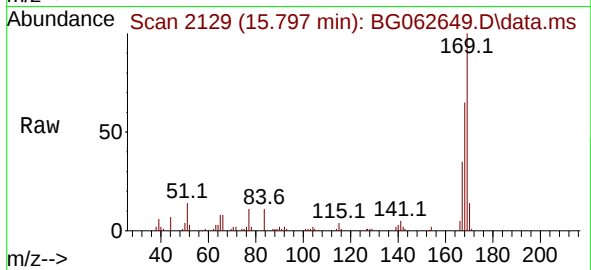
Tgt Ion:169 Resp: 44432

Ion Ratio Lower Upper

169 100

168 65.1 55.4 83.2

167 35.4 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 3.248 ng

RT: 16.479 min Scan# 2245

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

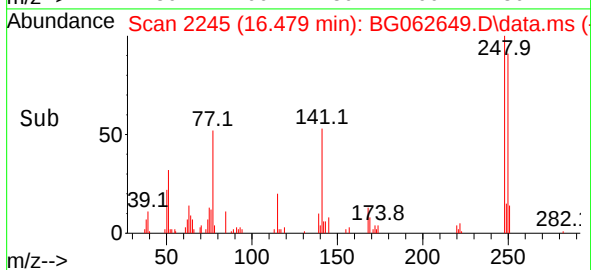
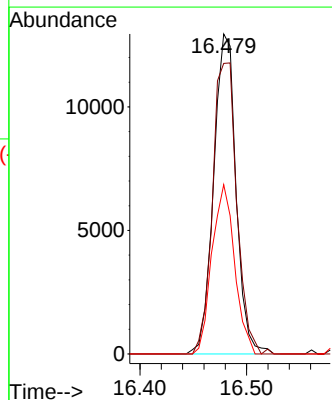
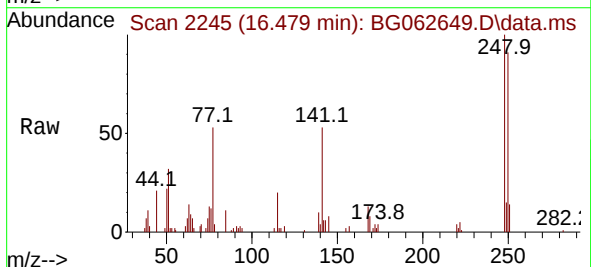
Tgt Ion:248 Resp: 18854

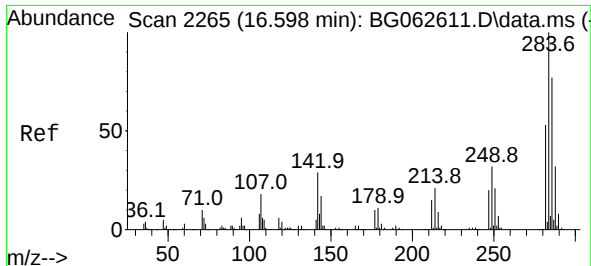
Ion Ratio Lower Upper

248 100

250 90.8 77.9 116.9

141 52.9 50.2 75.2

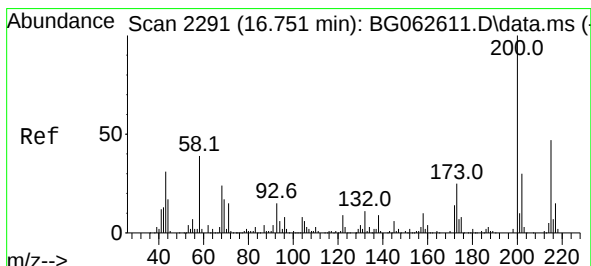
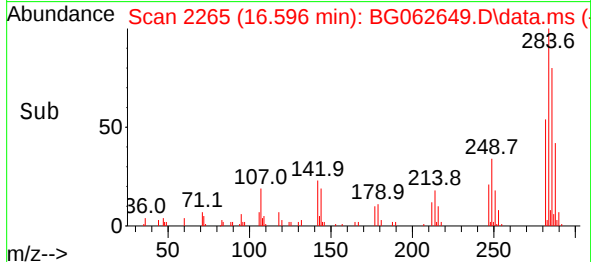
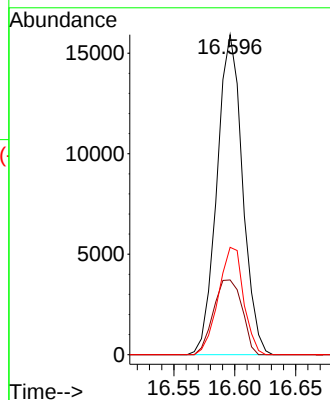
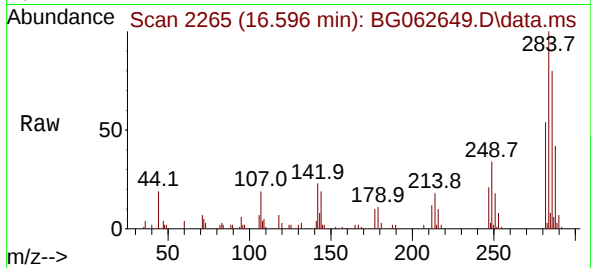




#68
Hexachlorobenzene
Concen: 3.380 ng
RT: 16.596 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

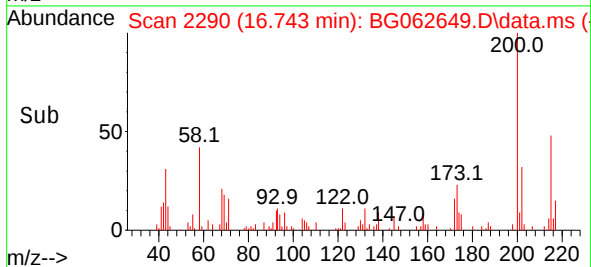
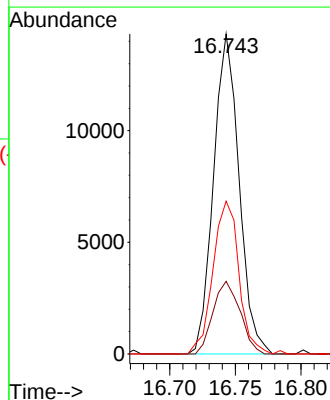
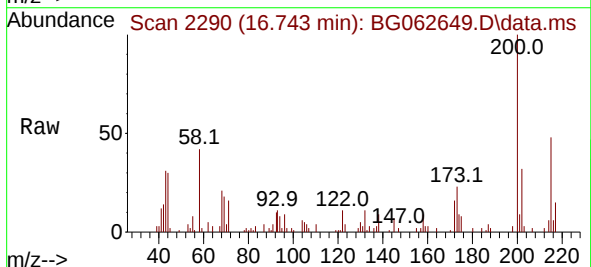
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

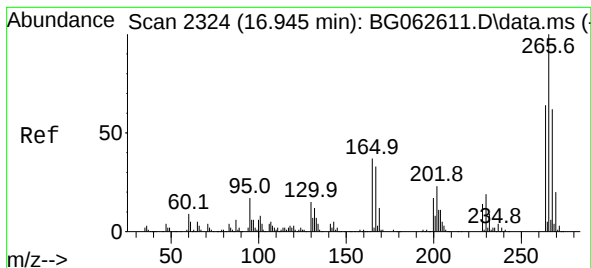
Tgt Ion:284 Resp: 23240
Ion Ratio Lower Upper
284 100
142 23.3 23.5 35.3#
249 35.4 25.4 38.0



#69
Atrazine
Concen: 4.213 ng
RT: 16.743 min Scan# 2290
Delta R.T. -0.008 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:200 Resp: 19351
Ion Ratio Lower Upper
200 100
173 22.7 5.2 45.2
215 47.7 27.3 67.3





#70

Pentachlorophenol

Concen: 1.967 ng

RT: 16.937 min Scan# 2323

Delta R.T. -0.008 min

Lab File: BG062649.D

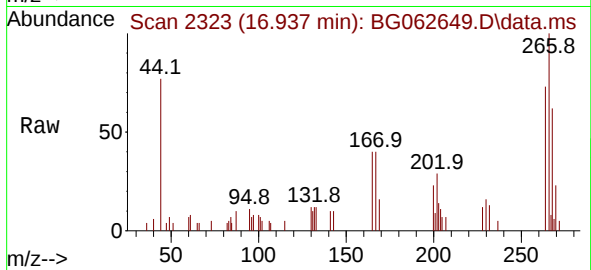
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



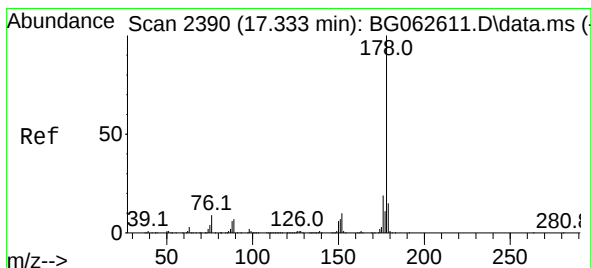
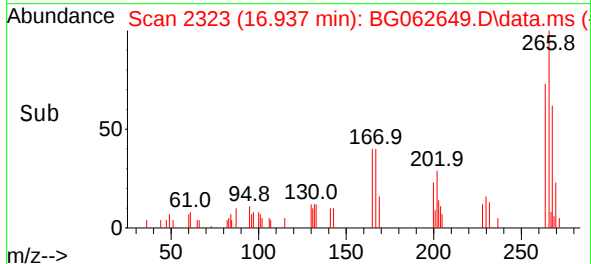
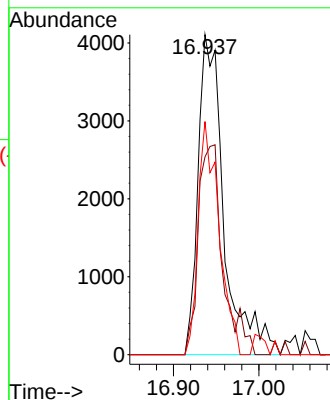
Tgt Ion:266 Resp: 8664

Ion Ratio Lower Upper

266 100

268 68.0 52.6 79.0

264 72.8 51.6 77.4



#71

Phenanthrene

Concen: 3.594 ng

RT: 17.331 min Scan# 2390

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

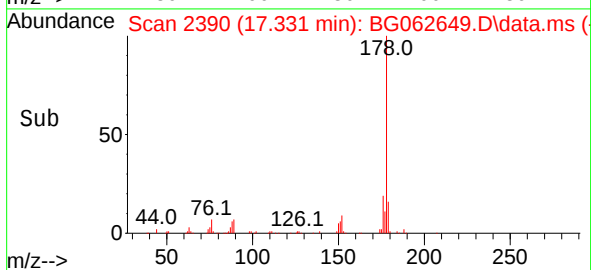
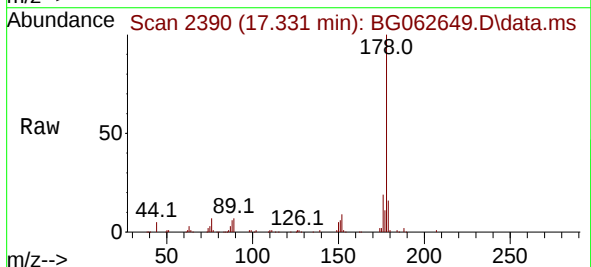
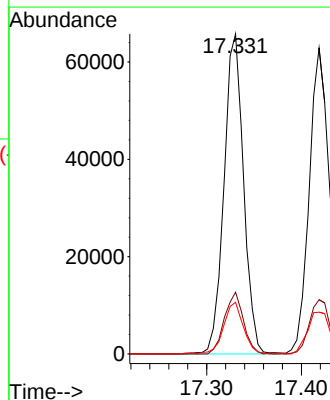
Tgt Ion:178 Resp: 94354

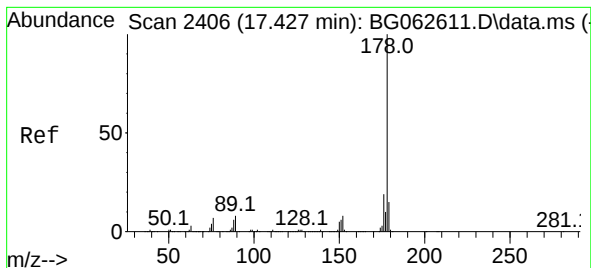
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.1 12.2 18.4





#72

Anthracene

Concen: 3.622 ng

RT: 17.419 min Scan# 2405

Delta R.T. -0.008 min

Lab File: BG062649.D

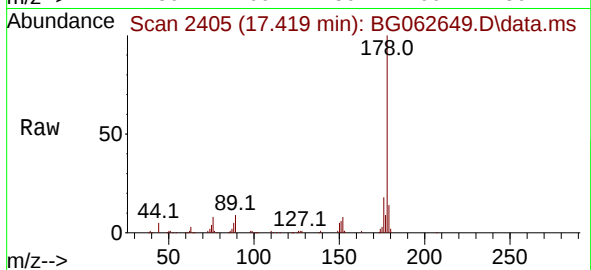
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



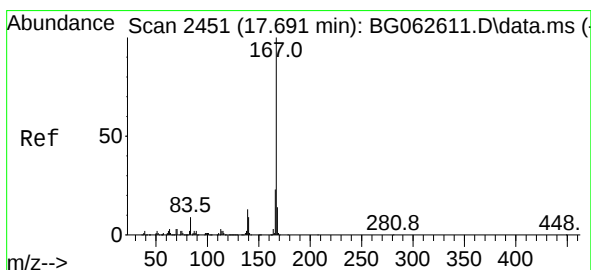
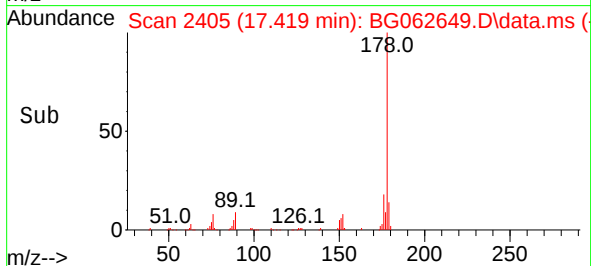
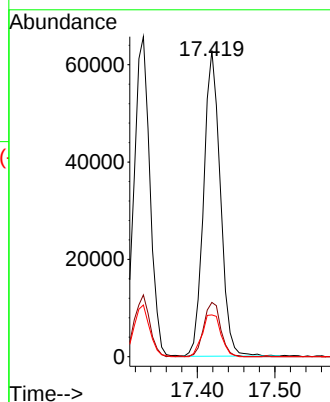
Tgt Ion:178 Resp: 93509

Ion Ratio Lower Upper

178 100

176 17.7 15.2 22.8

179 13.7 12.0 18.0



#73

Carbazole

Concen: 3.499 ng

RT: 17.689 min Scan# 2451

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

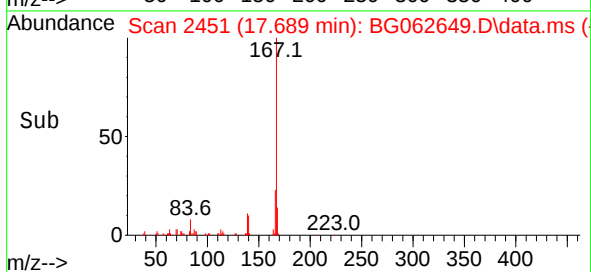
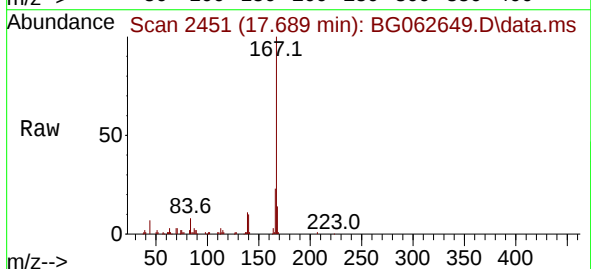
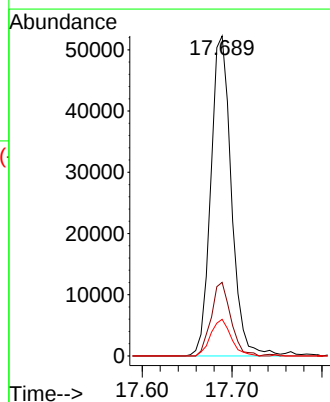
Tgt Ion:167 Resp: 83043

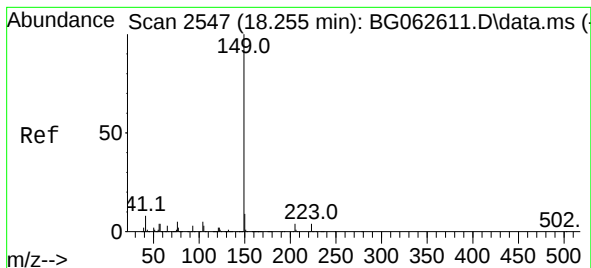
Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.2

139 11.5 10.1 15.1

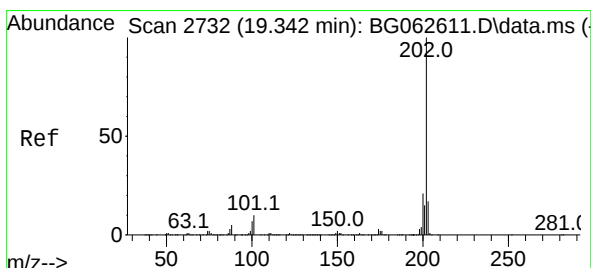
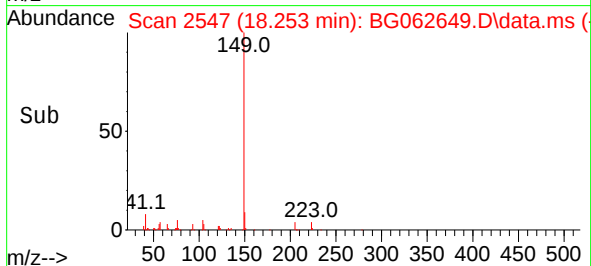
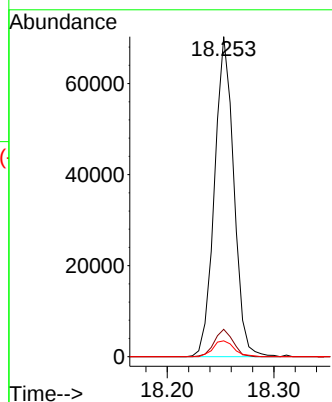
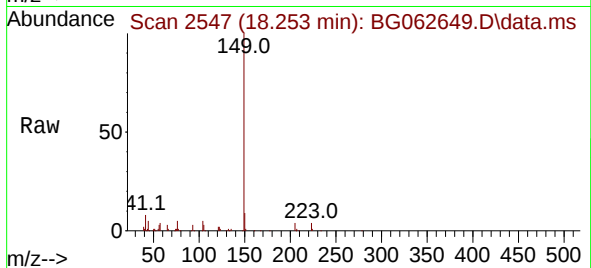




#74
Di-n-butylphthalate
Concen: 3.294 ng
RT: 18.253 min Scan# 2547
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

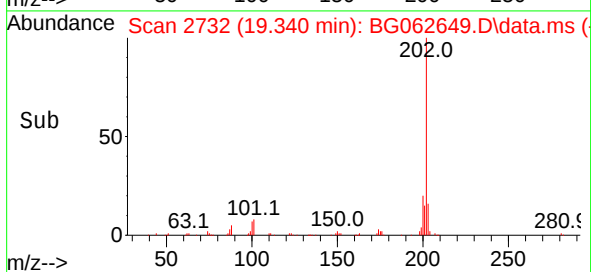
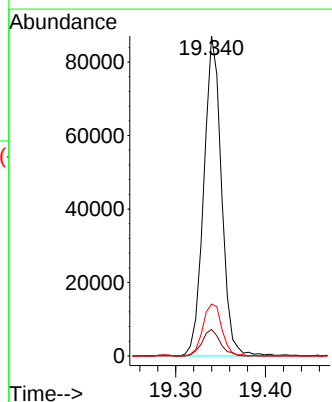
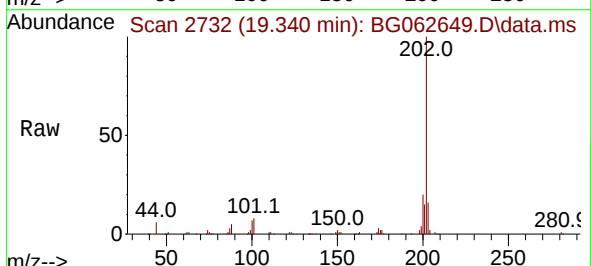
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

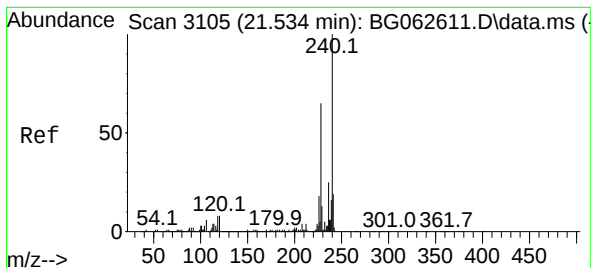
Tgt Ion:149 Resp: 88153
Ion Ratio Lower Upper
149 100
150 8.6 7.3 10.9
104 5.0 4.2 6.2



#75
Fluoranthene
Concen: 3.594 ng
RT: 19.340 min Scan# 2732
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:202 Resp: 119344
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.6
203 16.2 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: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

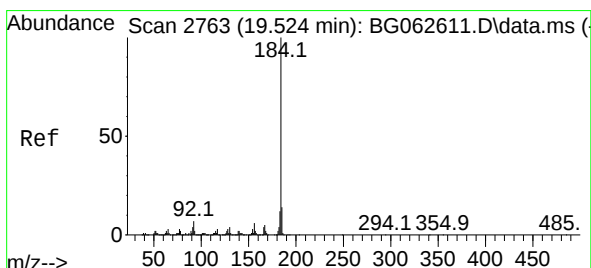
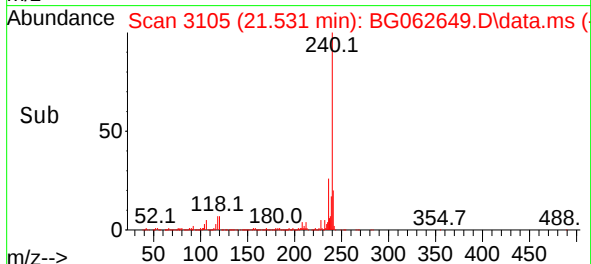
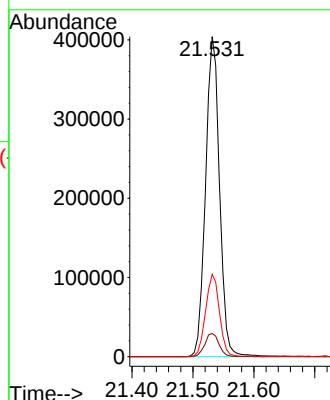
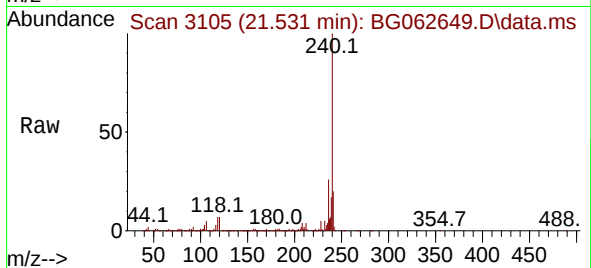
Tgt Ion:240 Resp: 642836

Ion Ratio Lower Upper

240 100

120 7.2 6.6 9.8

236 25.8 20.2 30.4



#77

Benzidine

Concen: 4.203 ng

RT: 19.522 min Scan# 2763

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

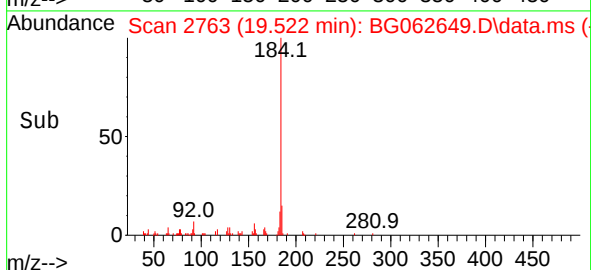
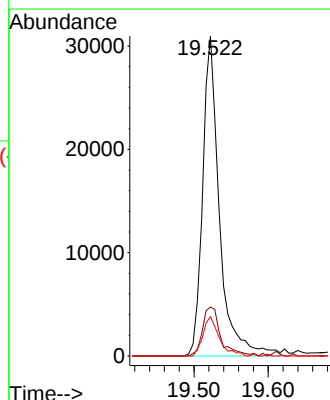
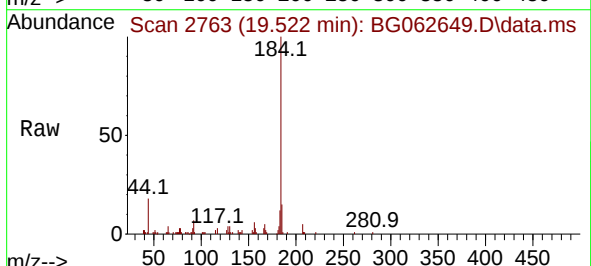
Tgt Ion:184 Resp: 48699

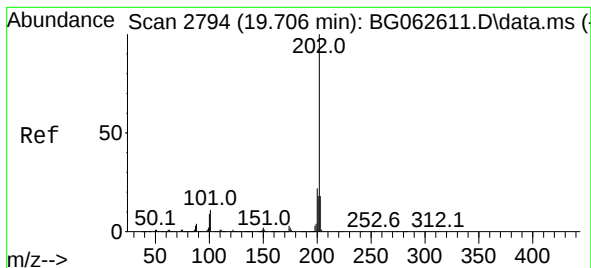
Ion Ratio Lower Upper

184 100

185 15.3 11.0 16.6

183 12.3 9.7 14.5





#78

Pyrene

Concen: 3.211 ng

RT: 19.704 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

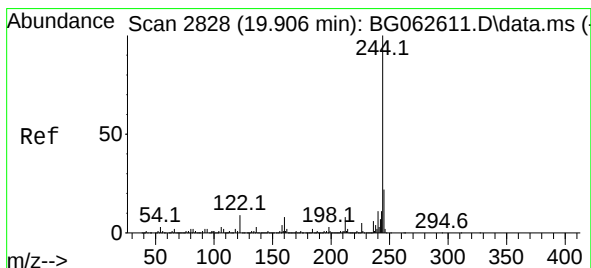
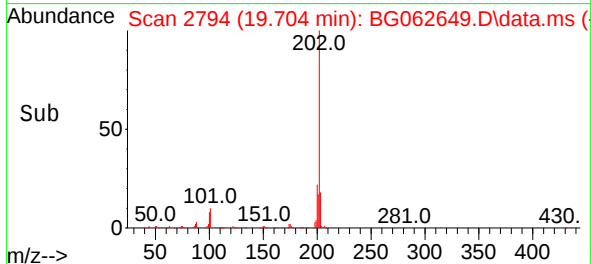
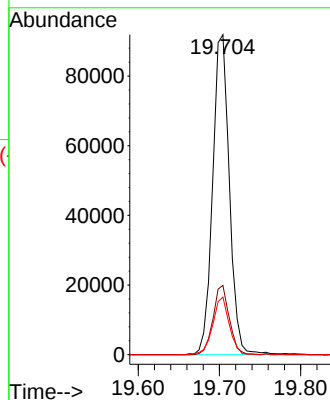
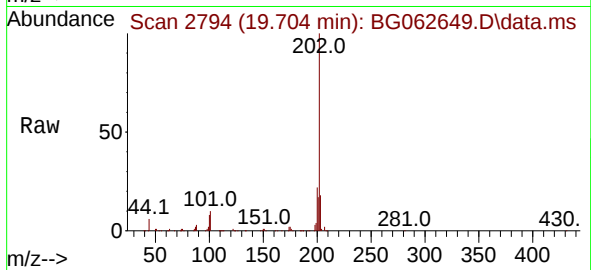
Tgt Ion:202 Resp: 131227

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 18.0 14.1 21.1



#79

Terphenyl-d14

Concen: 62.226 ng

RT: 19.904 min Scan# 2828

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

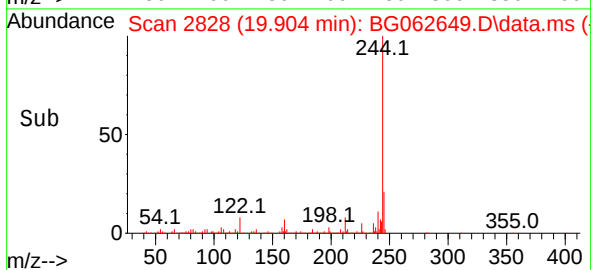
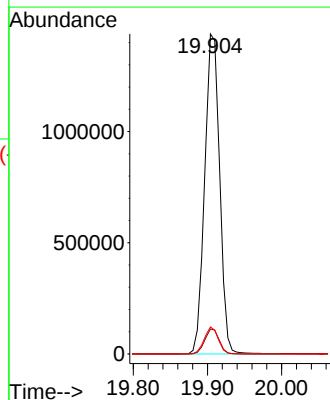
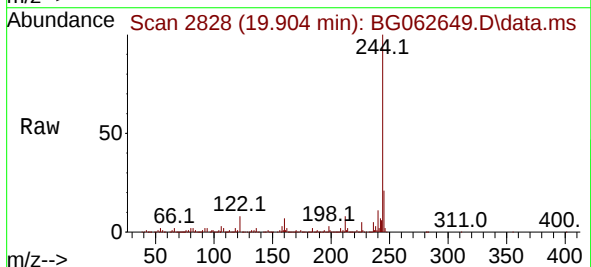
Tgt Ion:244 Resp: 2017377

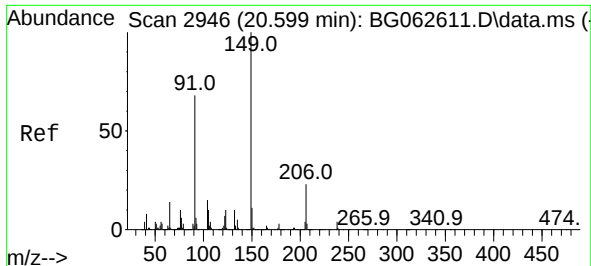
Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

122 8.4 7.2 10.8

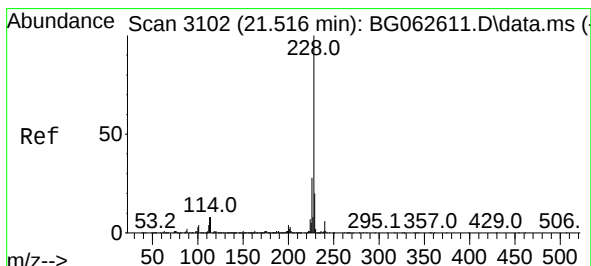
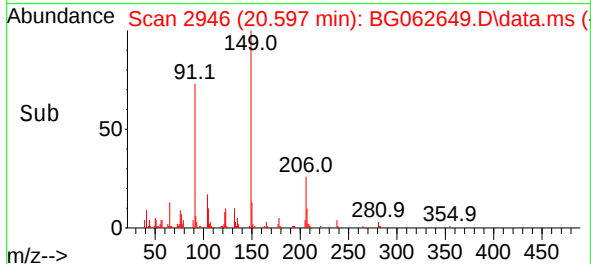
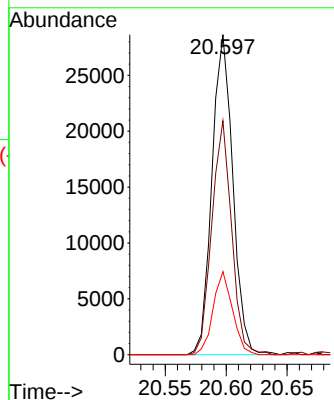
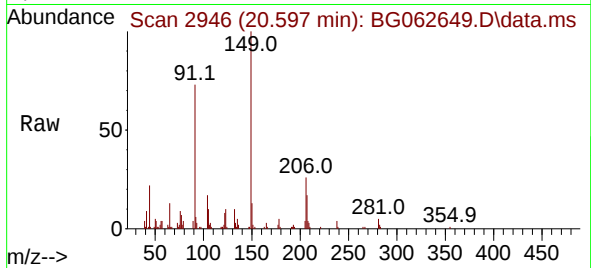




#80
Butylbenzylphthalate
Concen: 2.842 ng
RT: 20.597 min Scan# 2946
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

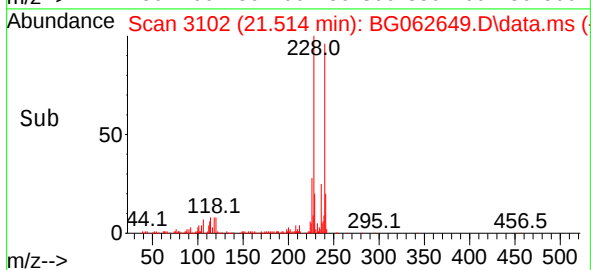
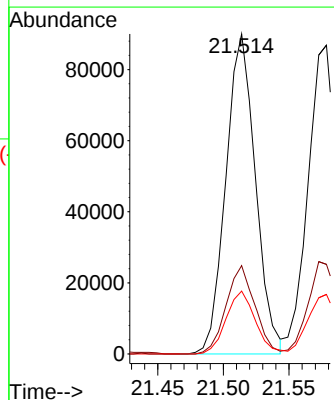
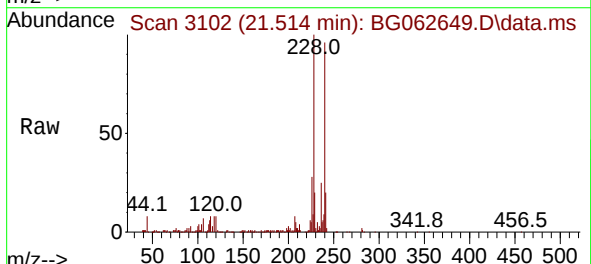
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

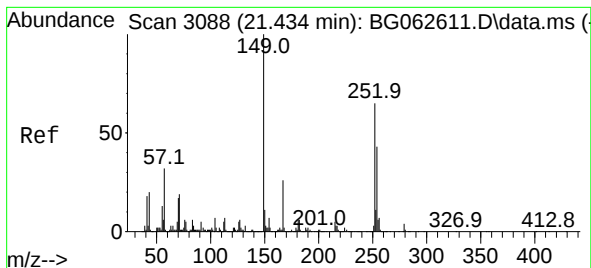
Tgt Ion:	149	Resp:	34114
Ion Ratio	Lower	Upper	
149	100		
91	73.1	54.6	81.8
206	26.0	18.4	27.6



#81
Benzo(a)anthracene
Concen: 3.490 ng
RT: 21.514 min Scan# 3102
Delta R.T. -0.002 min
Lab File: BG062649.D
Acq: 4 Sep 2024 19:02

Tgt Ion:	228	Resp:	141501
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.3	33.5
229	19.6	16.2	24.2





#82

3,3'-Dichlorobenzidine

Concen: 3.399 ng

RT: 21.432 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

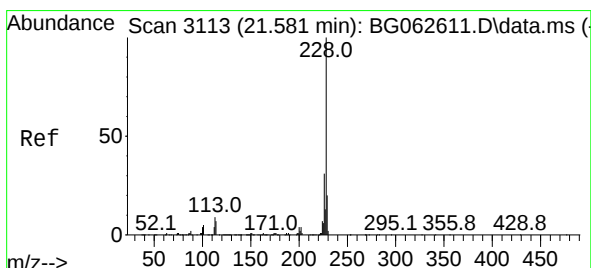
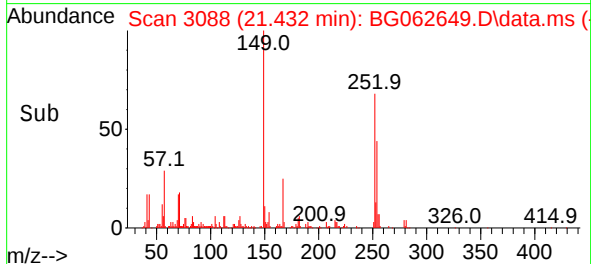
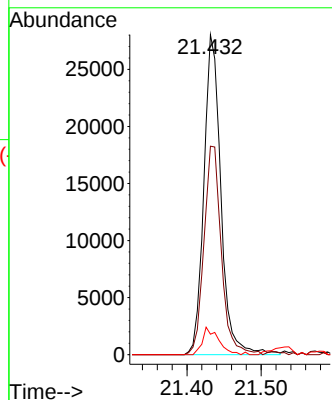
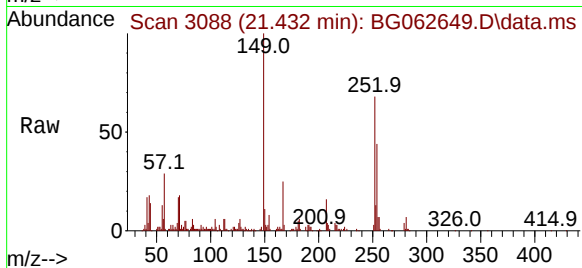
Tgt Ion:252 Resp: 44889

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

126 6.4 6.7 10.1#



#83

Chrysene

Concen: 3.563 ng

RT: 21.578 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

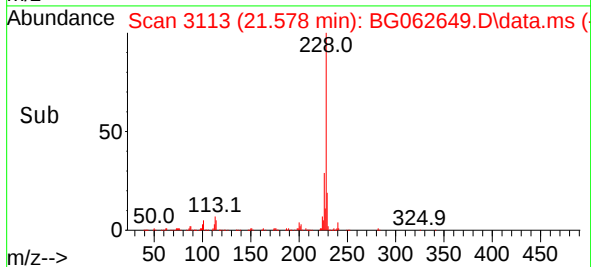
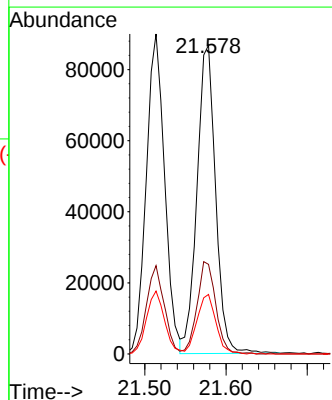
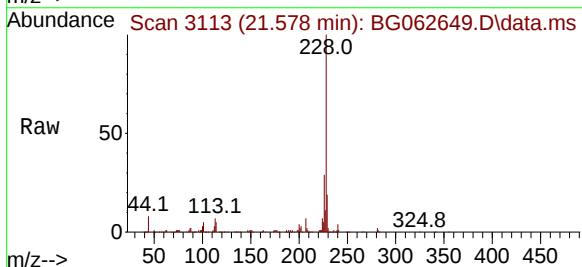
Tgt Ion:228 Resp: 138365

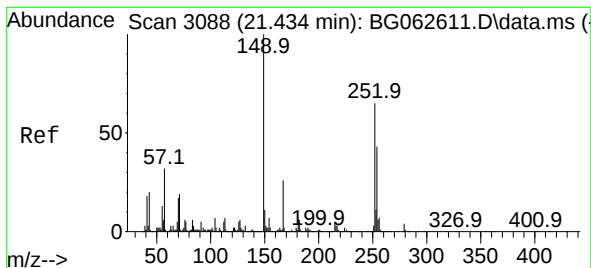
Ion Ratio Lower Upper

228 100

226 29.0 24.9 37.3

229 19.3 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.019 ng

RT: 21.432 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

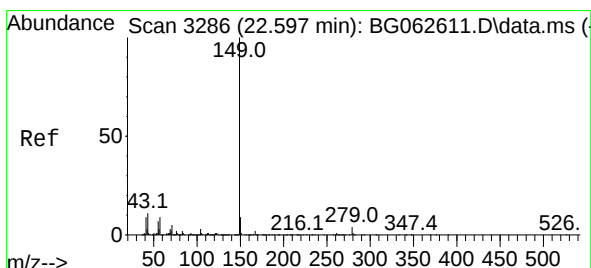
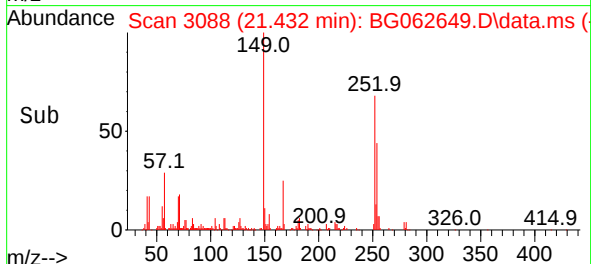
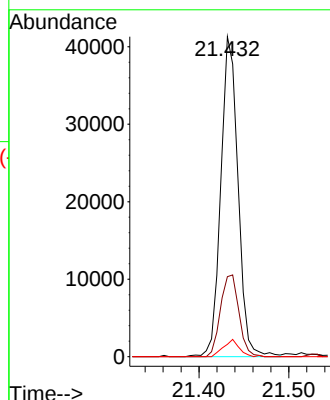
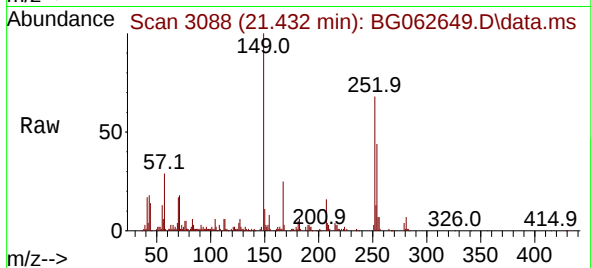
Tgt Ion:149 Resp: 55048

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

279 3.9 3.1 4.7



#85

Di-n-octyl phthalate

Concen: 2.745 ng

RT: 22.595 min Scan# 3286

Delta R.T. -0.002 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

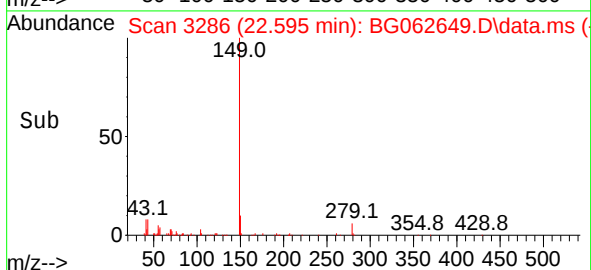
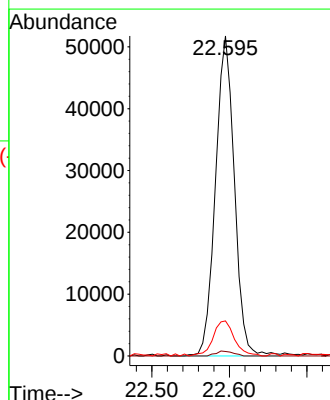
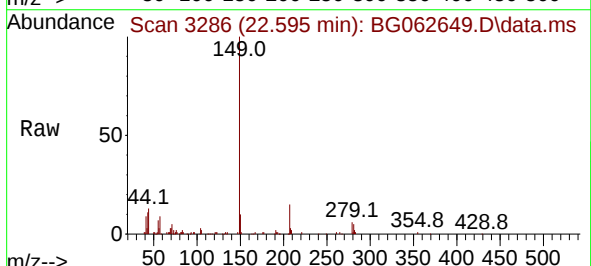
Tgt Ion:149 Resp: 87628

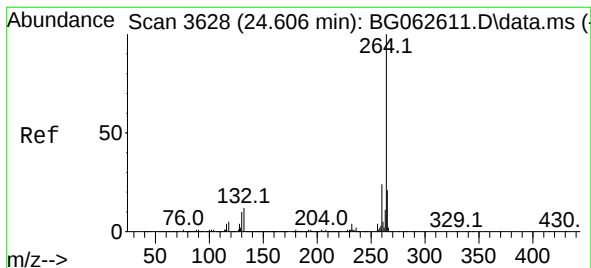
Ion Ratio Lower Upper

149 100

167 1.4 1.4 2.0

43 12.4 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.598 min Scan# 3

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

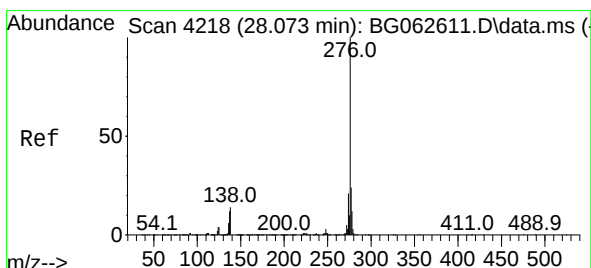
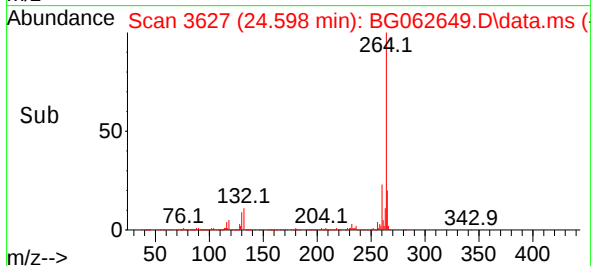
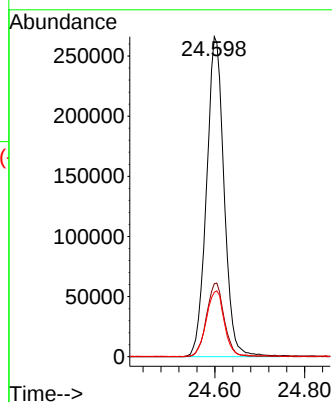
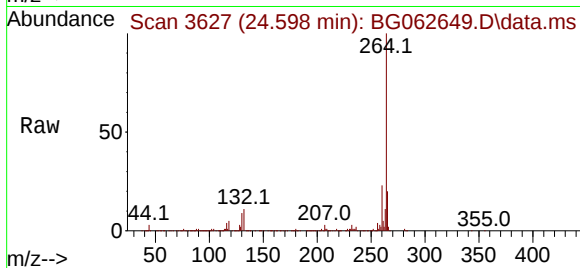
Tgt Ion:264 Resp: 720916

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 20.2 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.350 ng

RT: 28.059 min Scan# 4216

Delta R.T. -0.014 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

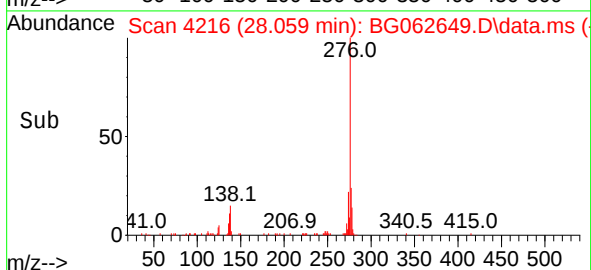
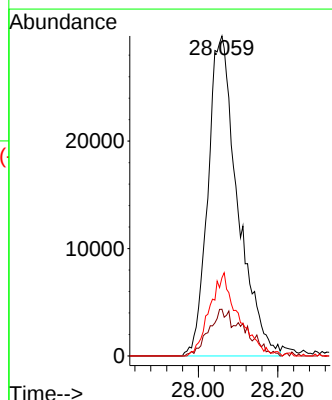
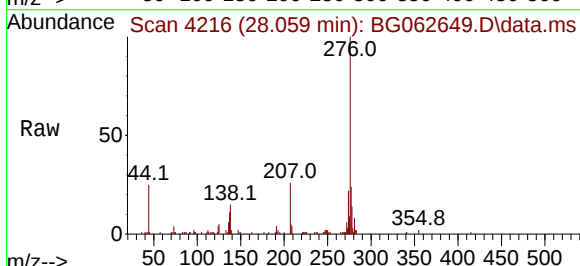
Tgt Ion:276 Resp: 154850

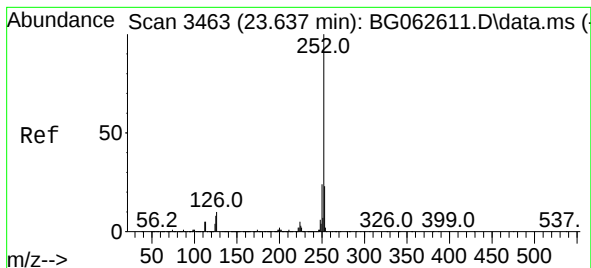
Ion Ratio Lower Upper

276 100

138 11.5 14.9 22.3#

277 25.1 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 3.390 ng

RT: 23.629 min Scan# 3462

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

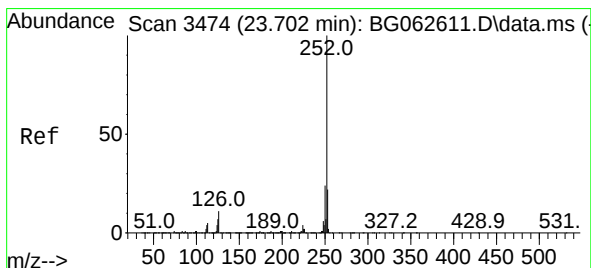
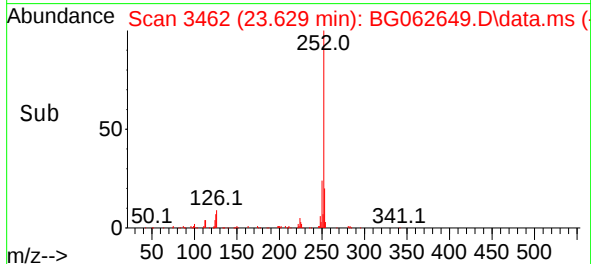
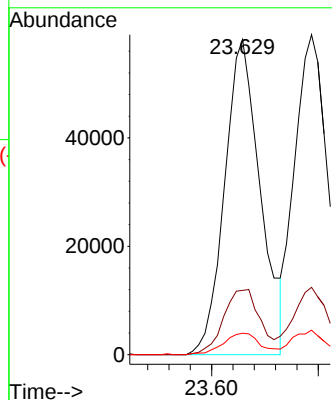
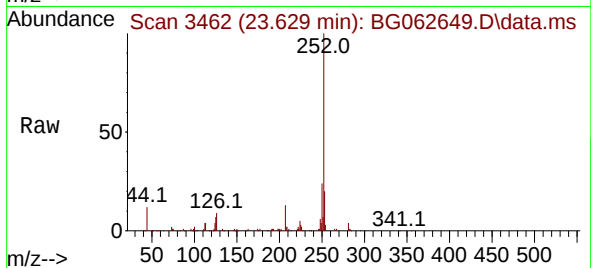
Tgt Ion:252 Resp: 134996

Ion Ratio Lower Upper

252 100

253 20.4 18.2 27.2

125 6.8 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 3.363 ng

RT: 23.694 min Scan# 3473

Delta R.T. -0.008 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

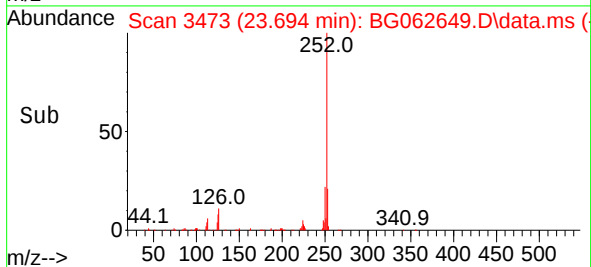
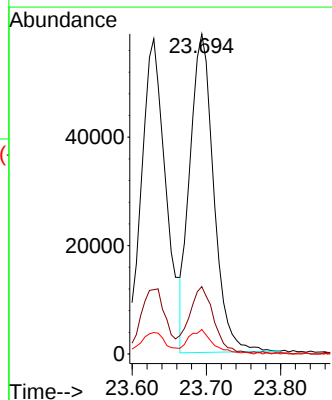
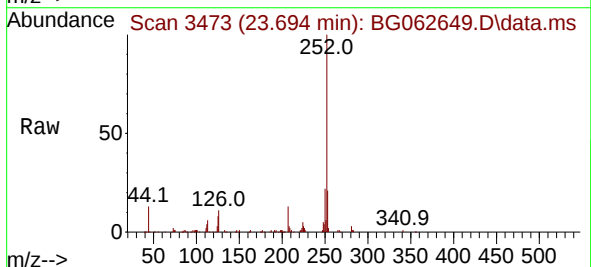
Tgt Ion:252 Resp: 130992

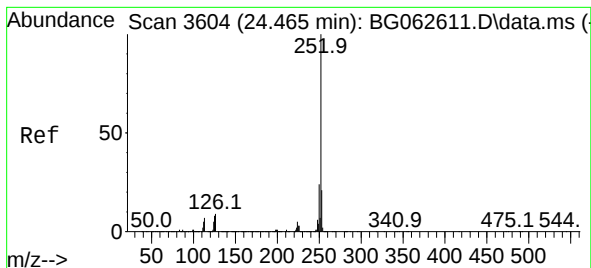
Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

125 7.7 6.1 9.1





#90

Benzo(a)pyrene

Concen: 3.455 ng

RT: 24.452 min Scan# 3

Delta R.T. -0.014 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

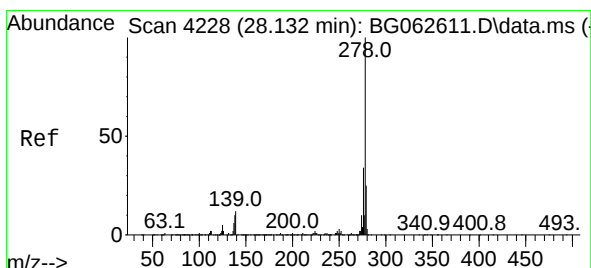
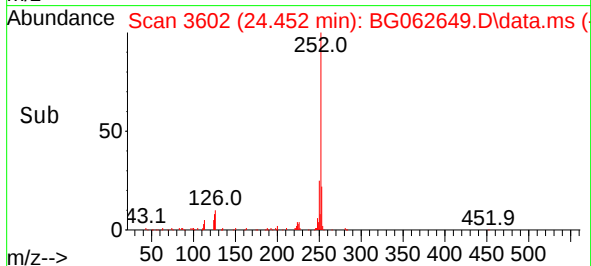
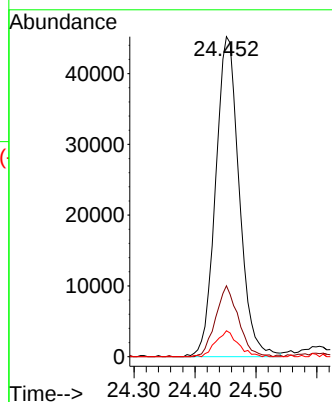
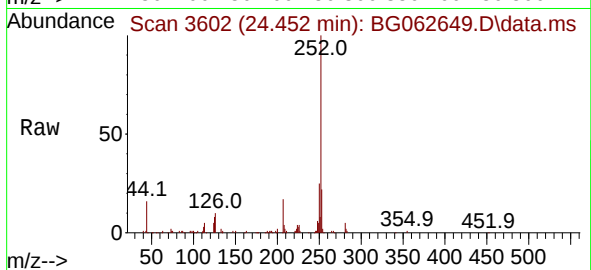
Tgt Ion:252 Resp: 121529

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 8.1 6.6 10.0



#91

Dibenzo(a,h)anthracene

Concen: 3.371 ng

RT: 28.112 min Scan# 4225

Delta R.T. -0.020 min

Lab File: BG062649.D

Acq: 4 Sep 2024 19:02

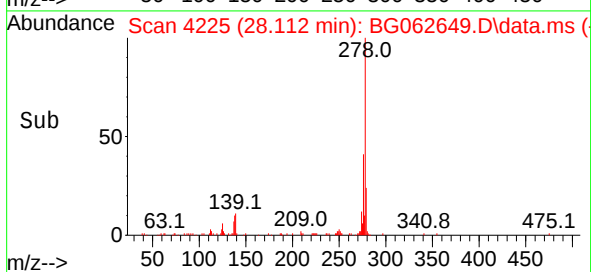
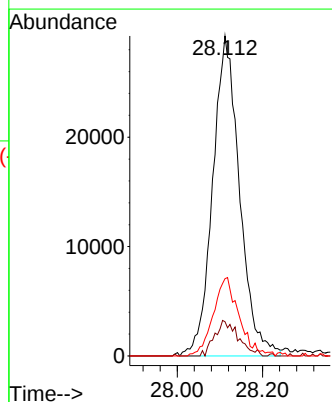
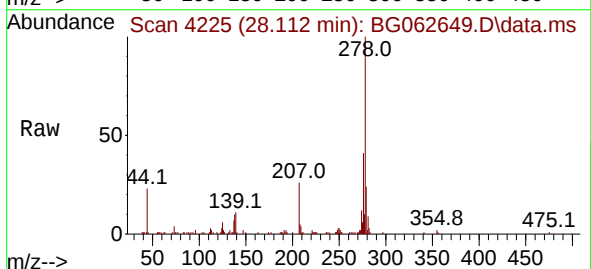
Tgt Ion:278 Resp: 128386

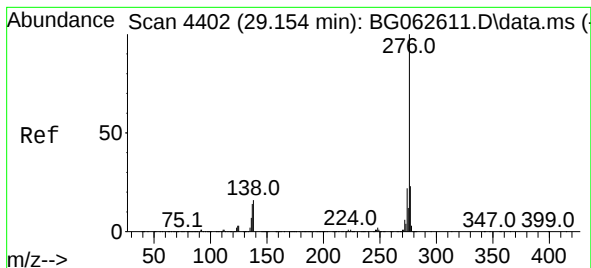
Ion Ratio Lower Upper

278 100

139 10.7 9.2 13.8

279 24.2 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 3.142 ng

RT: 29.123 min Scan# 41

Delta R.T. -0.031 min

Lab File: BG062649.D

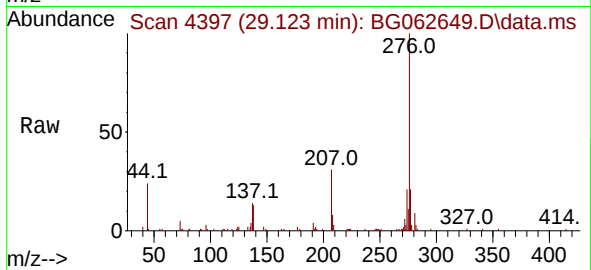
Acq: 4 Sep 2024 19:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:276 Resp: 120642

Ion Ratio Lower Upper

276 100

277 21.0 18.8 28.2

138 12.6 12.7 19.1#

