

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063993.D
 Acq On : 4 Feb 2025 17:01
 Operator : RC/JU
 Sample : P1187-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Feb 05 01:10:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	68605	20.000	ng	0.00
21) Naphthalene-d8	10.660	136	307056	20.000	ng	0.00
39) Acenaphthene-d10	14.497	164	206395	20.000	ng	0.00
64) Phenanthrene-d10	17.235	188	462356	20.000	ng	0.00
76) Chrysene-d12	21.471	240	480613	20.000	ng	0.00
86) Perylene-d12	24.497	264	508136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.460	112	538570	125.865	ng	0.00
7) Phenol-d6	7.035	99	797072	135.739	ng	0.00
23) Nitrobenzene-d5	9.027	82	527391	104.386	ng	0.00
42) 2,4,6-Tribromophenol	15.983	330	305293	128.259	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1249513	92.756	ng	0.00
79) Terphenyl-d14	19.861	244	2086636	90.673	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	16816	8.275	ng	94
3) Pyridine	3.786	79	44202	8.055	ng	97
4) n-Nitrosodimethylamine	3.704	42	28040	8.887	ng	# 90
6) Aniline	7.200	93	61733	9.810	ng	98
8) 2-Chlorophenol	7.435	128	43181	9.904	ng	98
9) Benzaldehyde	7.017	77	41330	12.893	ng	93
10) Phenol	7.059	94	58206	9.417	ng	93
11) bis(2-Chloroethyl)ether	7.299	93	44757	8.992	ng	98
12) 1,3-Dichlorobenzene	7.764	146	46385	8.940	ng	96
13) 1,4-Dichlorobenzene	7.911	146	45336	8.652	ng	96
14) 1,2-Dichlorobenzene	8.228	146	43785	8.718	ng	93
15) Benzyl Alcohol	8.104	79	41509	9.457	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	98018	9.779	ng	99
17) 2-Methylphenol	8.304	107	36048	9.017	ng	96
18) Hexachloroethane	8.956	117	16005	9.281	ng	95
19) n-Nitroso-di-n-propyla...	8.674	70	40390	9.932	ng	99
20) 3+4-Methylphenols	8.633	107	49920	9.373	ng	98
22) Acetophenone	8.686	105	76920	9.117	ng	99
24) Nitrobenzene	9.062	77	54361	12.392	ng	95
25) Isophorone	9.585	82	104793	9.568	ng	99
26) 2-Nitrophenol	9.773	139	12231	16.545	ng	94
27) 2,4-Dimethylphenol	9.832	122	23972	7.609	ng	97
28) bis(2-Chloroethoxy)met...	10.073	93	62468	8.964	ng	98
29) 2,4-Dichlorophenol	10.302	162	36686	11.530	ng	95
30) 1,2,4-Trichlorobenzene	10.525	180	46791	9.040	ng	98
31) Naphthalene	10.713	128	144499	8.778	ng	100
32) Benzoic acid	9.902	122	11702m	13.125	ng	
33) 4-Chloroaniline	10.813	127	57356	9.093	ng	98
34) Hexachlorobutadiene	11.007	225	28491	8.644	ng	96
35) Caprolactam	11.559	113	12213	12.059	ng	# 84
36) 4-Chloro-3-methylphenol	11.935	107	44784	8.881	ng	93
37) 2-Methylnaphthalene	12.317	142	102558	8.940	ng	98
38) 1-Methylnaphthalene	12.540	142	94808	8.352	ng	100
40) 1,2,4,5-Tetrachloroben...	12.687	216	57386	9.428	ng	99
41) Hexachlorocyclopentadiene	12.676	237	13250	8.601	ng	98
43) 2,4,6-Trichlorophenol	12.922	196	27973	11.918	ng	90

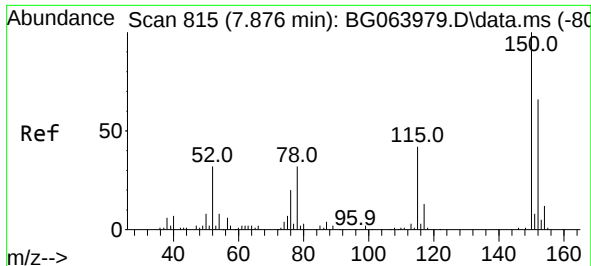
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	33694	11.625	ng	95
46) 1,1'-Biphenyl	13.334	154	147289	9.373	ng	100
47) 2-Chloronaphthalene	13.369	162	105187	9.184	ng	98
48) 2-Nitroaniline	13.563	65	25058	13.134	ng	94
49) Acenaphthylene	14.215	152	166190	9.341	ng	97
50) Dimethylphthalate	13.956	163	127069	9.285	ng	100
51) 2,6-Dinitrotoluene	14.062	165	18591	11.811	ng	91
52) Acenaphthene	14.556	154	107135	8.978	ng	95
53) 3-Nitroaniline	14.385	138	22475	11.919	ng	96
54) 2,4-Dinitrophenol	14.591	184	3854	11.814	ng	89
55) Dibenzofuran	14.896	168	168935	8.718	ng	99
56) 4-Nitrophenol	14.691	139	16717	14.085	ng	96
57) 2,4-Dinitrotoluene	14.849	165	25081	12.567	ng #	94
58) Fluorene	15.543	166	134003	8.947	ng #	98
59) 2,3,4,6-Tetrachlorophenol	15.114	232	29877	12.066	ng	99
60) Diethylphthalate	15.320	149	132521	9.134	ng	99
61) 4-Chlorophenyl-phenyle...	15.543	204	68293	9.088	ng	98
62) 4-Nitroaniline	15.543	138	23946	10.725	ng	97
63) Azobenzene	15.831	77	144122	8.410	ng	97
65) 4,6-Dinitro-2-methylph...	15.607	198	7434	12.687	ng	91
66) n-Nitrosodiphenylamine	15.754	169	114842	8.959	ng	97
67) 4-Bromophenyl-phenylether	16.436	248	42192	9.168	ng	97
68) Hexachlorobenzene	16.547	284	49103	9.076	ng	97
69) Atrazine	16.700	200	40882	9.583	ng	97
70) Pentachlorophenol	16.882	266	21402	14.087	ng	96
71) Phenanthrene	17.276	178	223113	9.188	ng	99
72) Anthracene	17.370	178	214014	8.808	ng	99
73) Carbazole	17.634	167	198297	8.718	ng	97
74) Di-n-butylphthalate	18.216	149	221511	9.342	ng	100
75) Fluoranthene	19.285	202	252834	8.550	ng	98
77) Benzidine	19.468	184	88434	8.641	ng	98
78) Pyrene	19.650	202	282558	9.523	ng	99
80) Butylbenzylphthalate	20.555	149	84674	12.783	ng	98
81) Benzo(a)anthracene	21.448	228	286520	9.390	ng	99
82) 3,3'-Dichlorobenzidine	21.371	252	92195	9.702	ng	97
83) Chrysene	21.512	228	279117	9.191	ng	98
84) Bis(2-ethylhexyl)phtha...	21.395	149	144290	12.345	ng	98
85) Di-n-octyl phthalate	22.552	149	231589	14.227	ng	98
87) Indeno(1,2,3-cd)pyrene	27.899	276	305054	9.306	ng #	88
88) Benzo(b)fluoranthene	23.539	252	261513	8.740	ng	98
89) Benzo(k)fluoranthene	23.604	252	275833	8.978	ng	97
90) Benzo(a)pyrene	24.350	252	247711	9.275	ng	99
91) Dibenzo(a,h)anthracene	27.964	278	248502	8.978	ng	99
92) Benzo(g,h,i)perylene	28.956	276	242447	8.676	ng	97

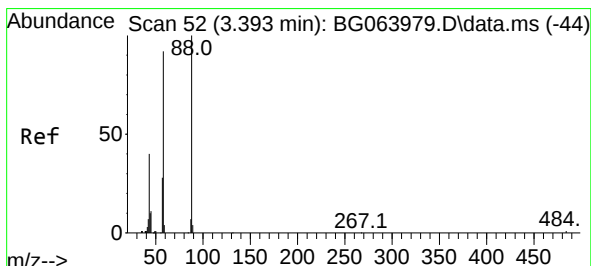
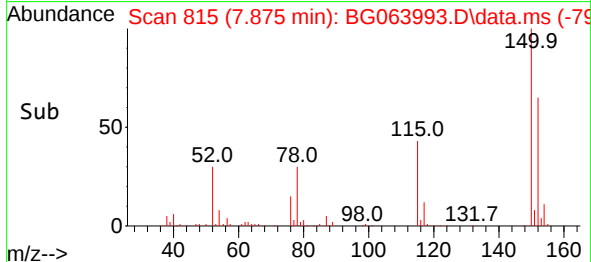
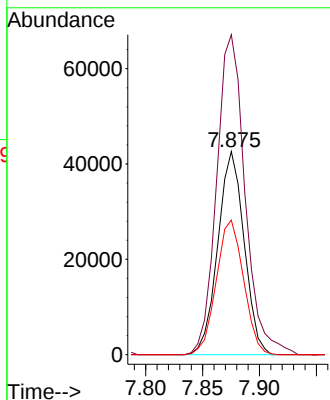
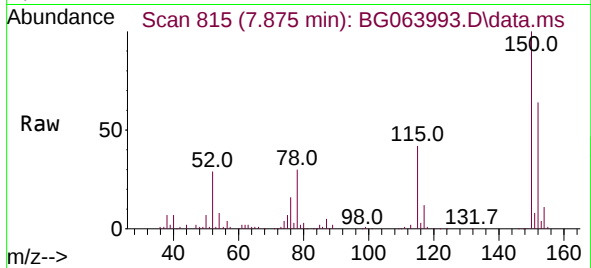
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.875 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG063993.D
 Acq: 4 Feb 2025 17:01

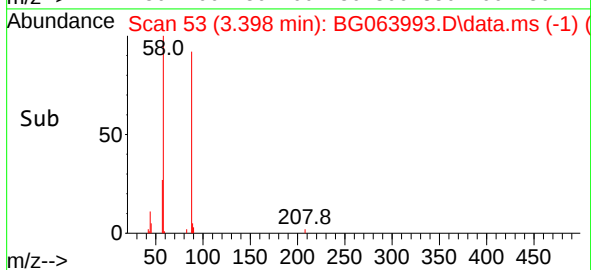
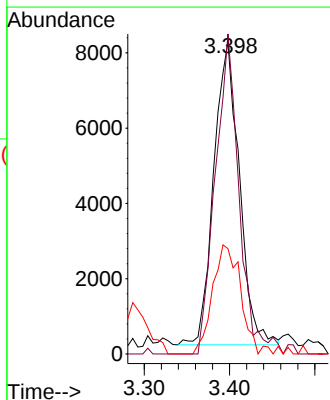
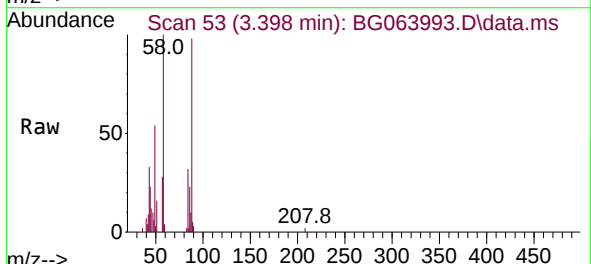
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

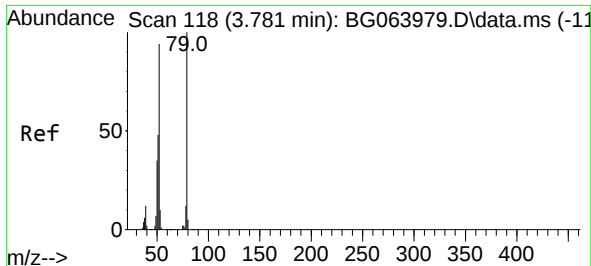
Tgt Ion:152 Resp: 68605
 Ion Ratio Lower Upper
 152 100
 150 157.4 121.0 181.6
 115 66.2 50.4 75.6



#2
 1,4-Dioxane
 Concen: 8.275 ng
 RT: 3.398 min Scan# 53
 Delta R.T. 0.005 min
 Lab File: BG063993.D
 Acq: 4 Feb 2025 17:01

Tgt Ion: 88 Resp: 16816
 Ion Ratio Lower Upper
 88 100
 58 97.9 71.8 107.8
 43 39.6 31.2 46.8

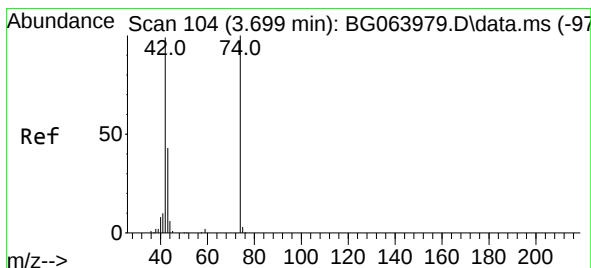
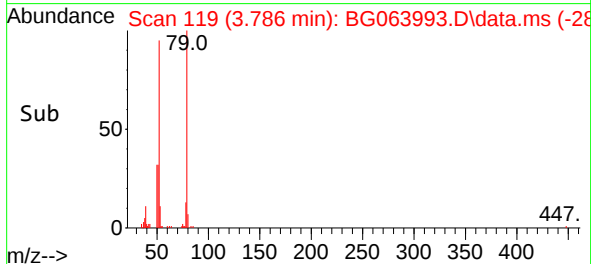
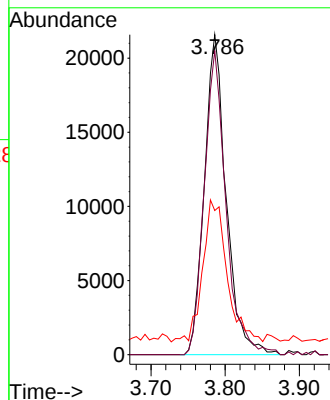
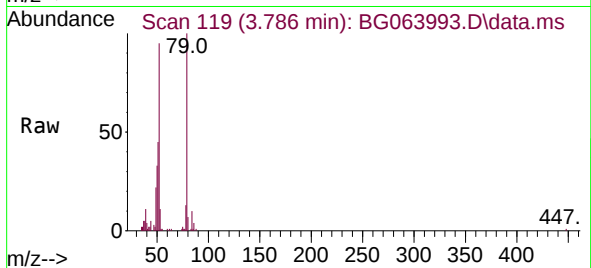




#3
Pyridine
Concen: 8.055 ng
RT: 3.786 min Scan# 118
Delta R.T. 0.005 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

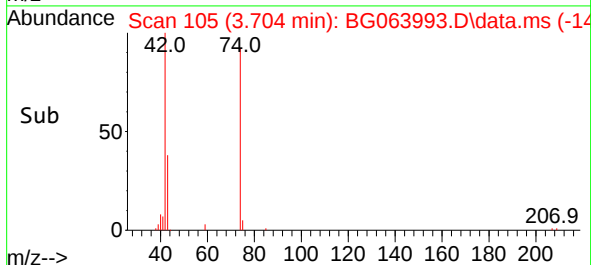
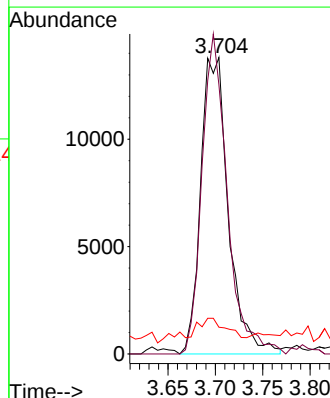
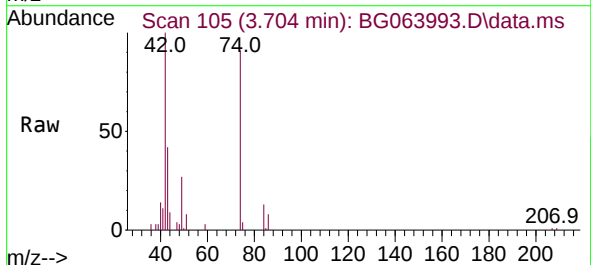
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

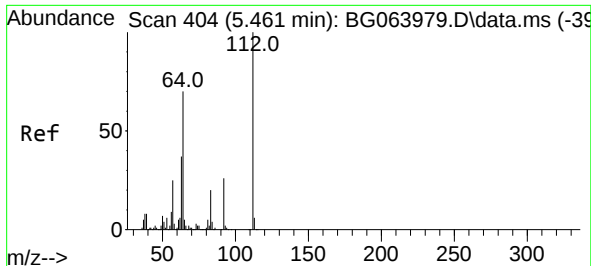
Tgt Ion: 79 Resp: 44202
Ion Ratio Lower Upper
79 100
52 95.1 75.1 112.7
51 45.1 38.9 58.3



#4
n-Nitrosodimethylamine
Concen: 8.887 ng
RT: 3.704 min Scan# 105
Delta R.T. 0.005 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion: 42 Resp: 28040
Ion Ratio Lower Upper
42 100
74 90.8 80.8 121.2
44 9.0 5.8 8.6

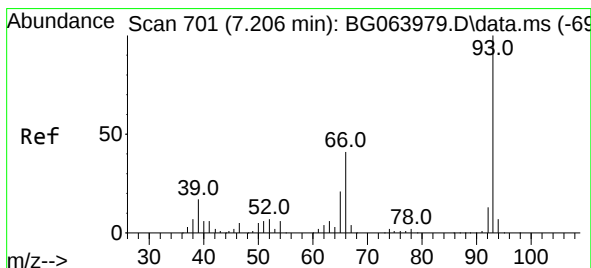
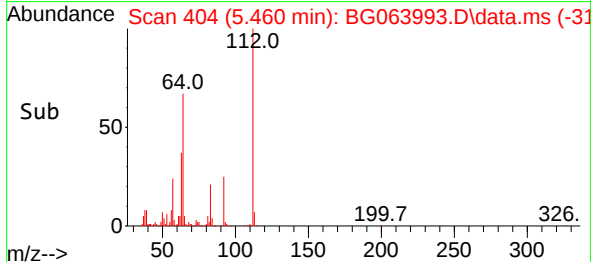
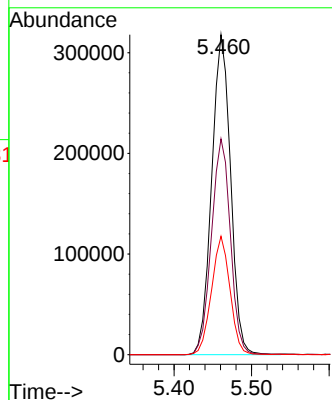
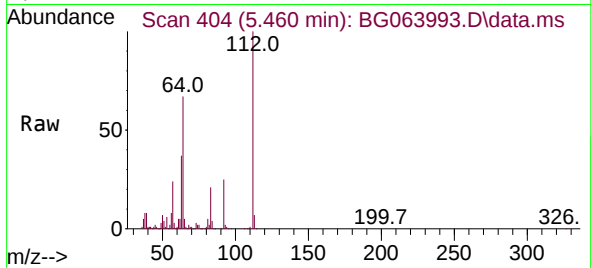




#5
2-Fluorophenol
Concen: 125.865 ng
RT: 5.460 min Scan# 404
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

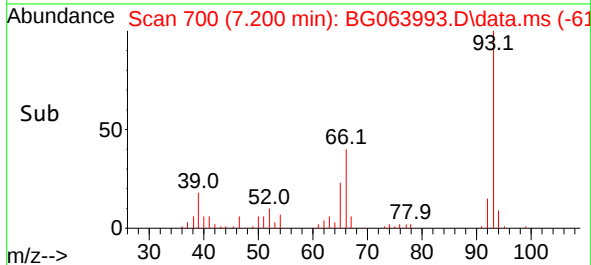
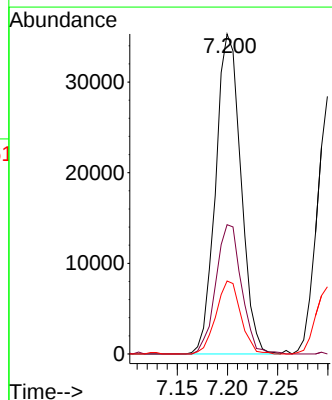
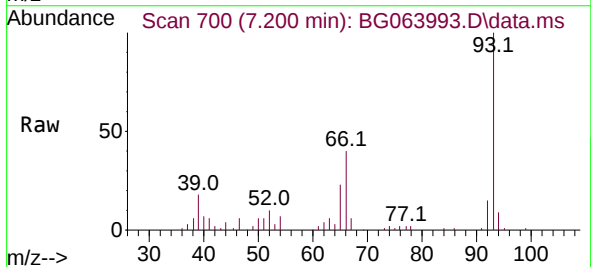
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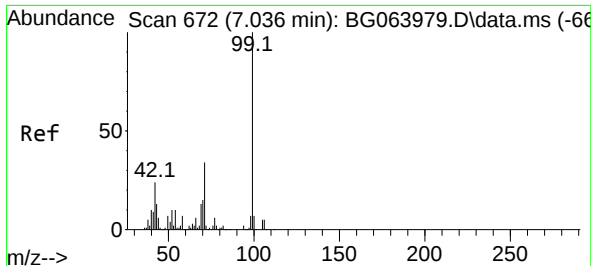
Tgt Ion:112 Resp: 538570
Ion Ratio Lower Upper
112 100
64 67.4 55.8 83.8
63 37.0 29.3 43.9



#6
Aniline
Concen: 9.810 ng
RT: 7.200 min Scan# 700
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion: 93 Resp: 61733
Ion Ratio Lower Upper
93 100
66 40.4 32.5 48.7
65 22.8 16.6 25.0

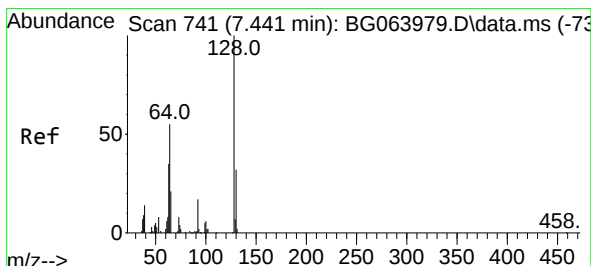
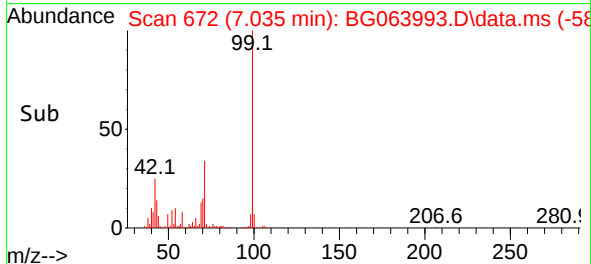
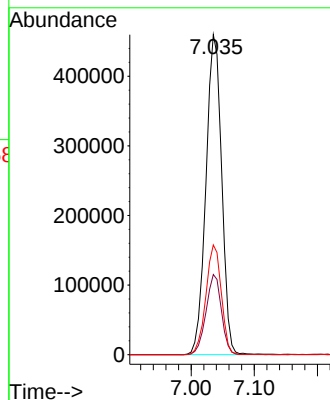
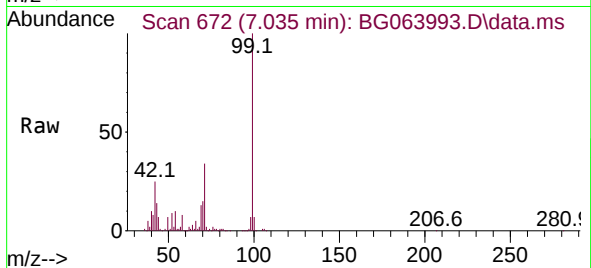




#7
Phenol-d6
Concen: 135.739 ng
RT: 7.035 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

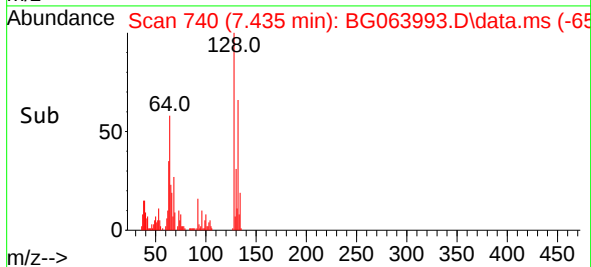
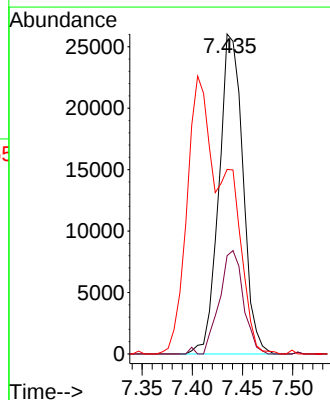
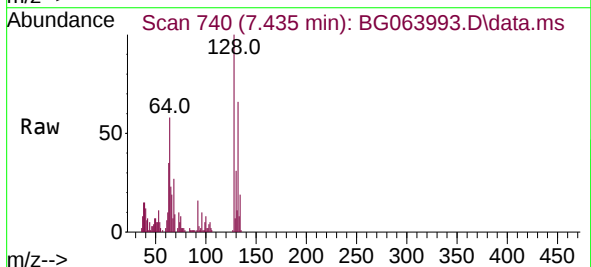
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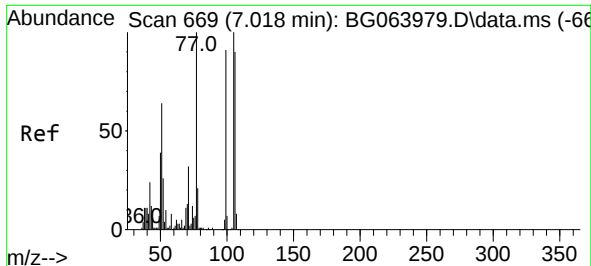
Tgt Ion: 99 Resp: 797072
Ion Ratio Lower Upper
99 100
42 25.0 18.9 28.3
71 34.3 27.0 40.6



#8
2-Chlorophenol
Concen: 9.904 ng
RT: 7.435 min Scan# 740
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion: 128 Resp: 43181
Ion Ratio Lower Upper
128 100
130 30.7 11.9 51.9
64 57.7 36.8 76.8

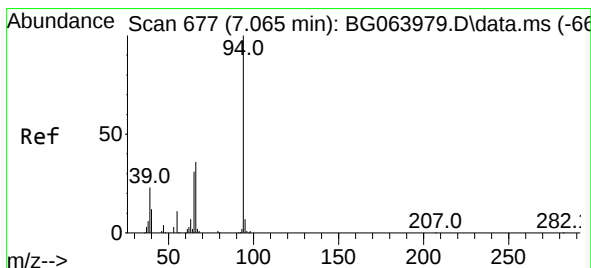
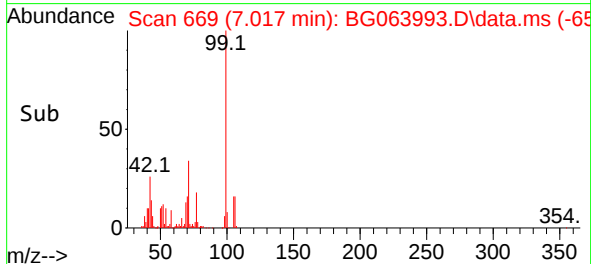
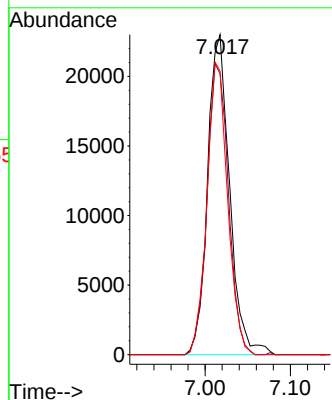
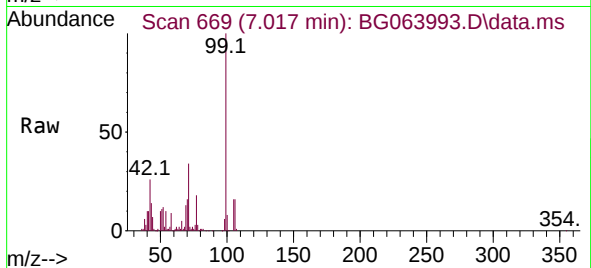




#9
Benzaldehyde
Concen: 12.893 ng
RT: 7.017 min Scan# 610
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

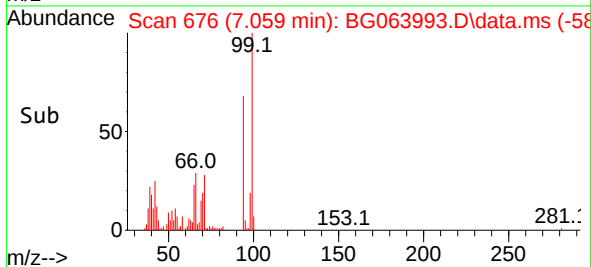
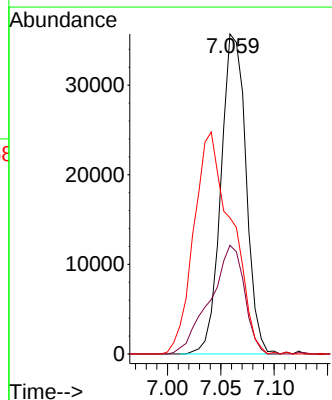
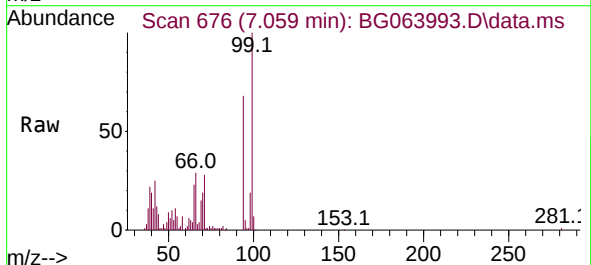
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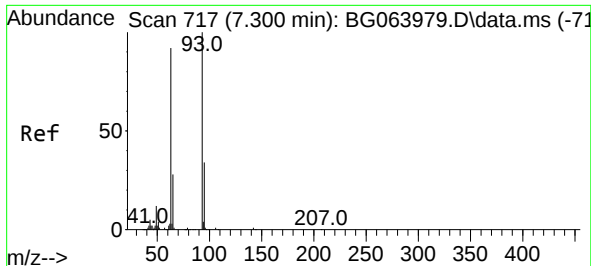
Tgt Ion: 77 Resp: 41330
Ion Ratio Lower Upper
77 100
105 87.9 79.8 119.8
106 88.7 69.9 109.9



#10
Phenol
Concen: 9.417 ng
RT: 7.059 min Scan# 676
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion: 94 Resp: 58206
Ion Ratio Lower Upper
94 100
65 33.9 11.4 51.4
66 42.5 16.7 56.7

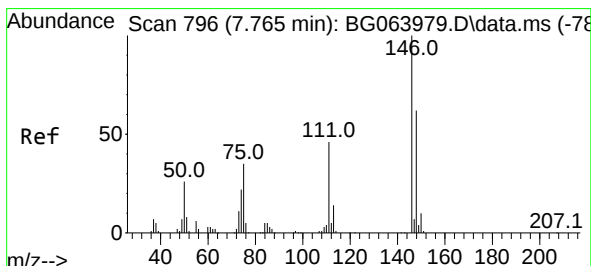
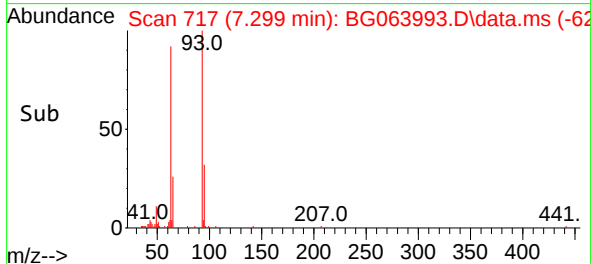
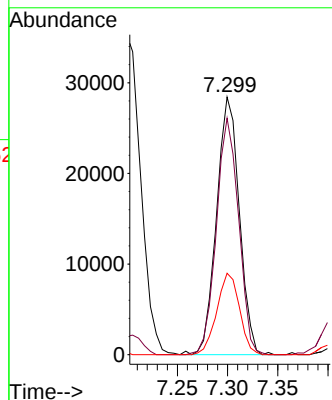
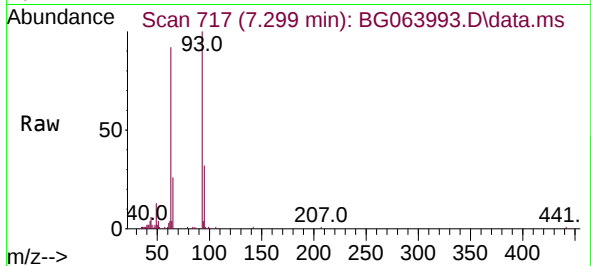




#11
bis(2-Chloroethyl)ether
Concen: 8.992 ng
RT: 7.299 min Scan# 717
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

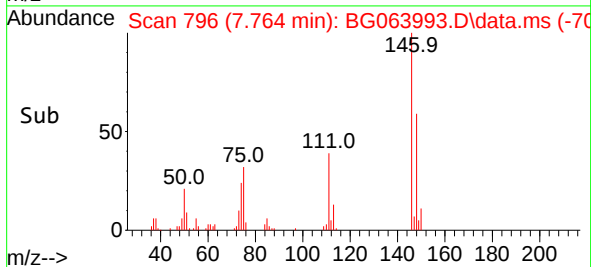
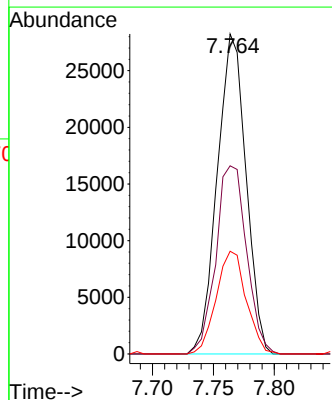
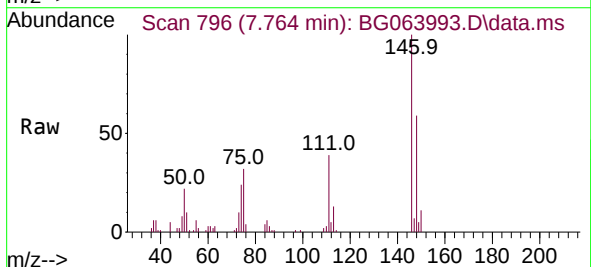
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

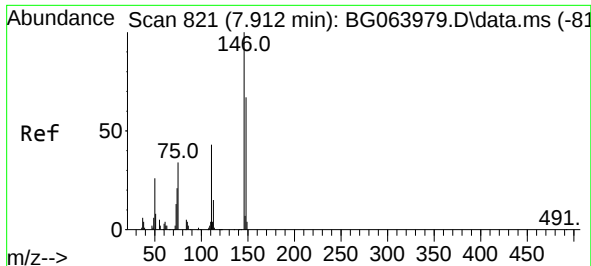
Tgt Ion: 93 Resp: 44757
Ion Ratio Lower Upper
93 100
63 91.8 71.2 111.2
95 31.6 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 8.940 ng
RT: 7.764 min Scan# 796
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:146 Resp: 46385
Ion Ratio Lower Upper
146 100
148 58.8 49.6 74.4
75 32.1 27.8 41.8

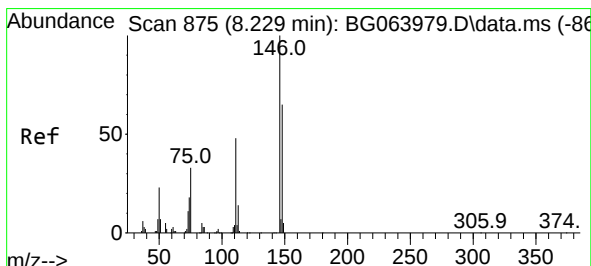
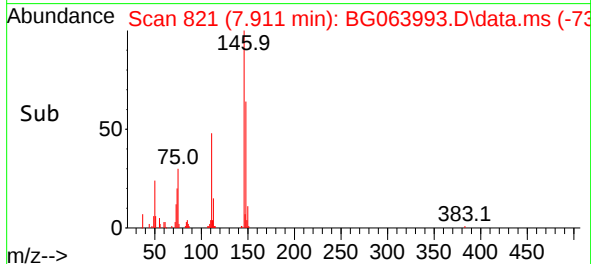
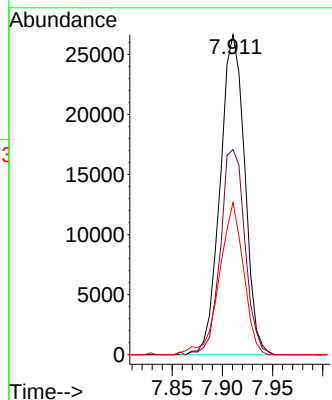
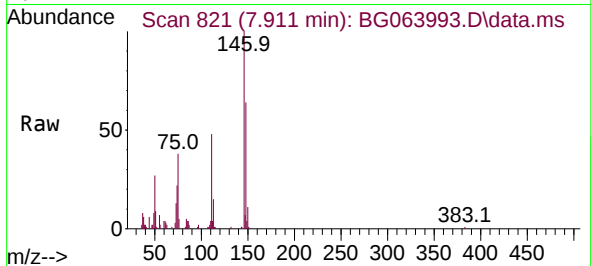




#13
1,4-Dichlorobenzene
Concen: 8.652 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

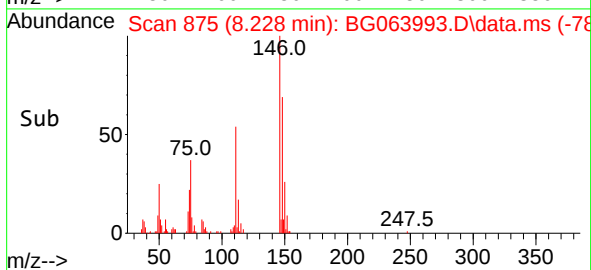
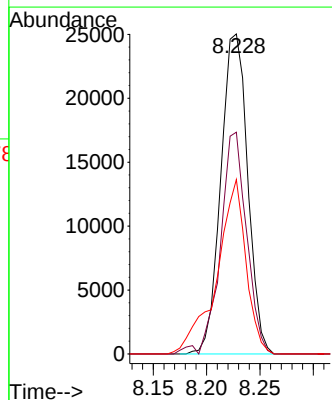
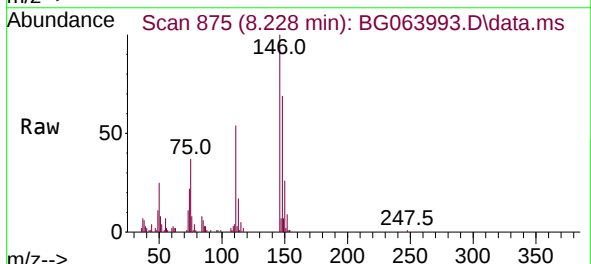
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

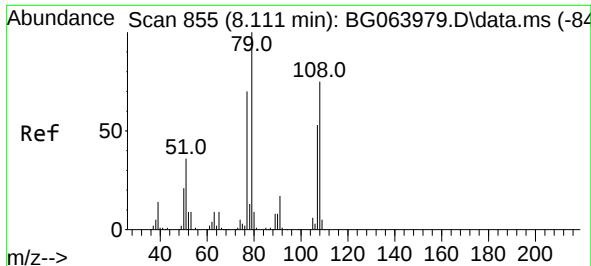
Tgt Ion:146 Resp: 45336
Ion Ratio Lower Upper
146 100
148 64.1 53.3 79.9
111 47.5 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 8.718 ng
RT: 8.228 min Scan# 875
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:146 Resp: 43785
Ion Ratio Lower Upper
146 100
148 69.3 52.0 78.0
111 54.5 38.2 57.2

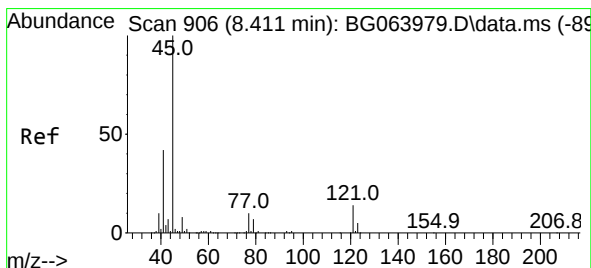
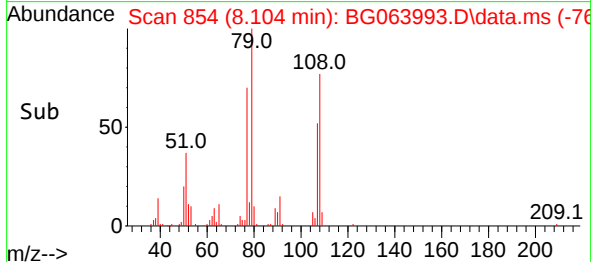
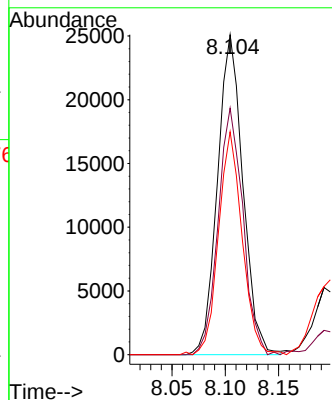
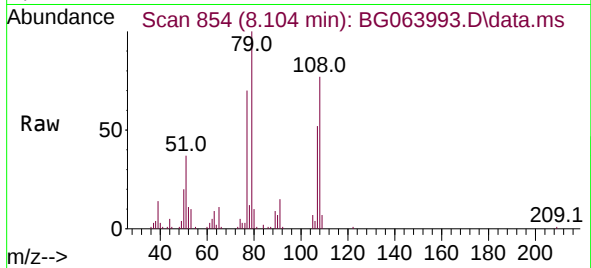




#15
Benzyl Alcohol
Concen: 9.457 ng
RT: 8.104 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

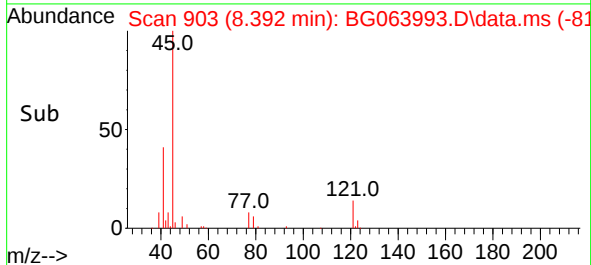
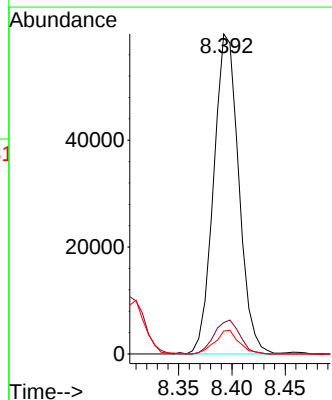
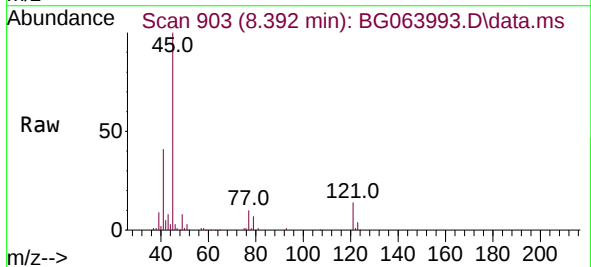
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

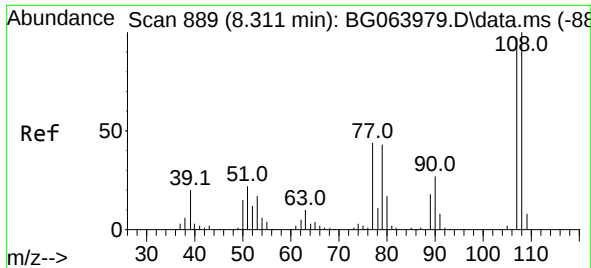
Tgt Ion: 79 Resp: 41509
Ion Ratio Lower Upper
79 100
108 77.1 60.3 90.5
77 69.6 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.779 ng
RT: 8.392 min Scan# 903
Delta R.T. -0.019 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion: 45 Resp: 98018
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.8
79 7.1 0.0 27.7

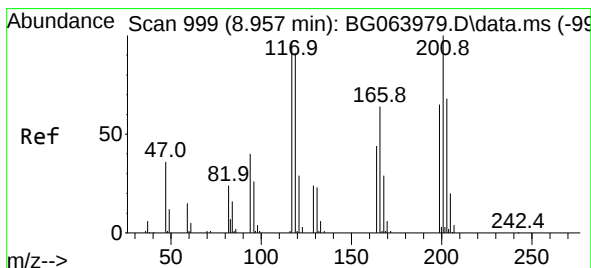
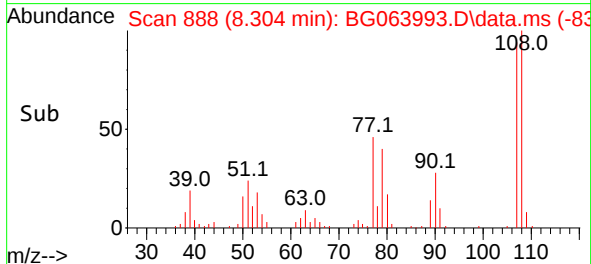
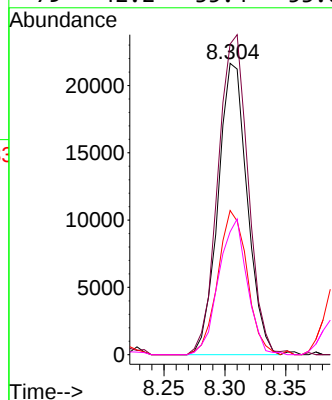
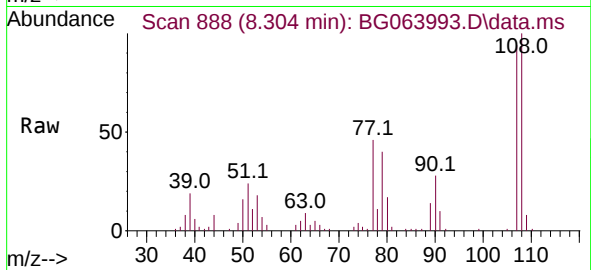




#17
2-Methylphenol
Concen: 9.017 ng
RT: 8.304 min Scan# 889
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

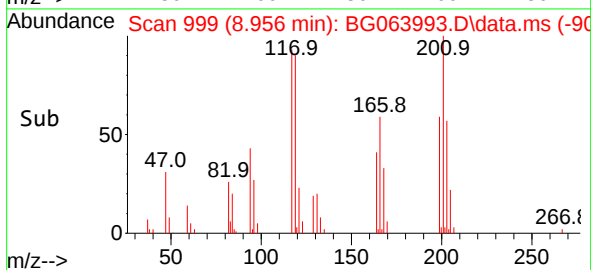
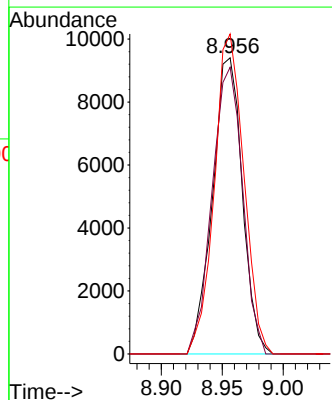
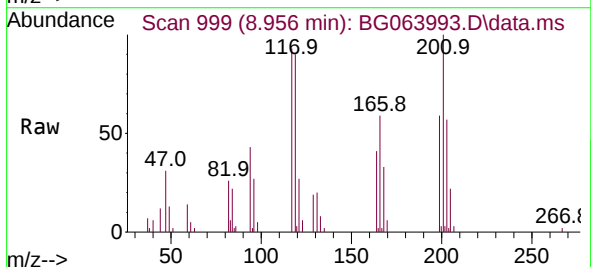
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

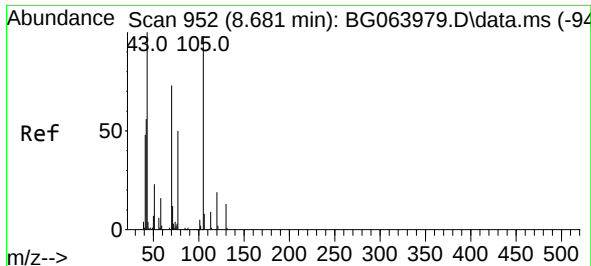
Tgt Ion:	107	Resp:	36048
Ion	Ratio	Lower	Upper
107	100		
108	106.6	82.9	124.3
77	49.5	36.4	54.6
79	42.2	35.4	53.0



#18
Hexachloroethane
Concen: 9.281 ng
RT: 8.956 min Scan# 999
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:	117	Resp:	16005
Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.4	113.0
201	108.0	82.4	123.6

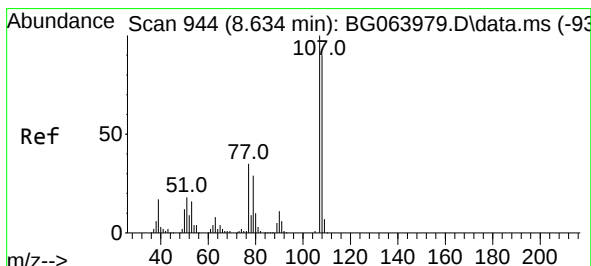
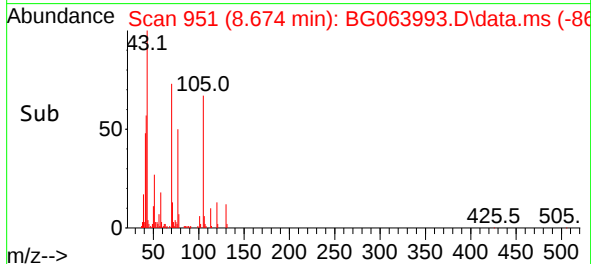
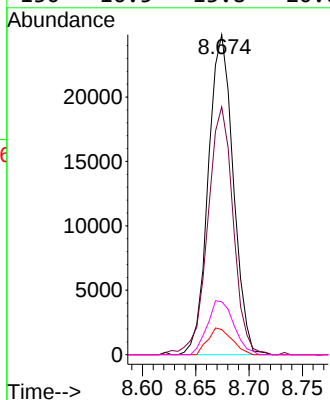
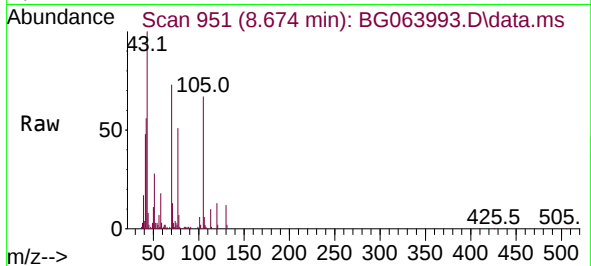




#19
n-Nitroso-di-n-propylamine
Concen: 9.932 ng
RT: 8.674 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

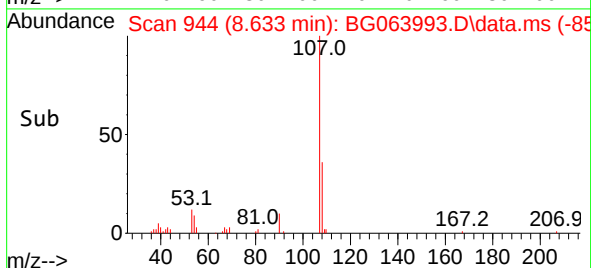
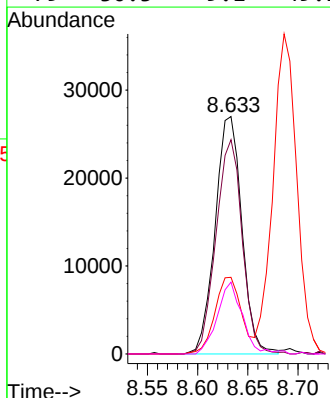
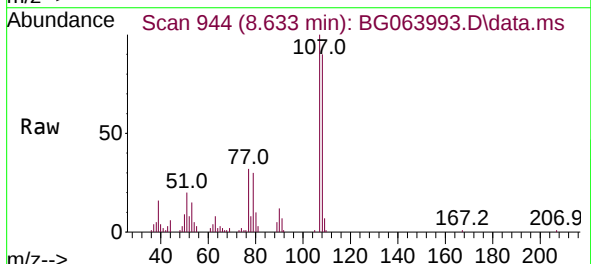
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

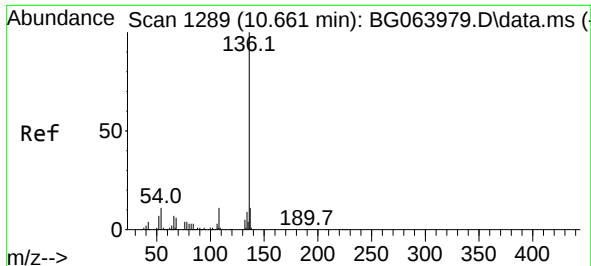
Tgt Ion: 70 Resp: 40390
Ion Ratio Lower Upper
70 100
42 77.5 62.2 93.4
101 7.9 5.6 8.4
130 16.5 13.8 20.6



#20
3+4-Methylphenols
Concen: 9.373 ng
RT: 8.633 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

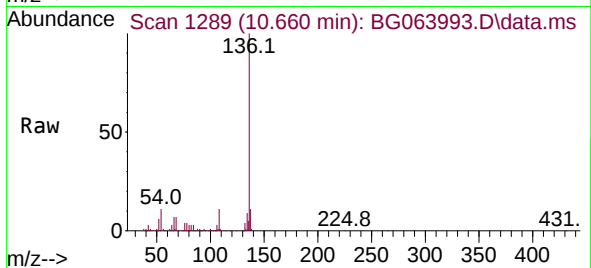
Tgt Ion: 107 Resp: 49920
Ion Ratio Lower Upper
107 100
108 90.3 70.0 110.0
77 32.3 15.2 55.2
79 30.3 9.1 49.1



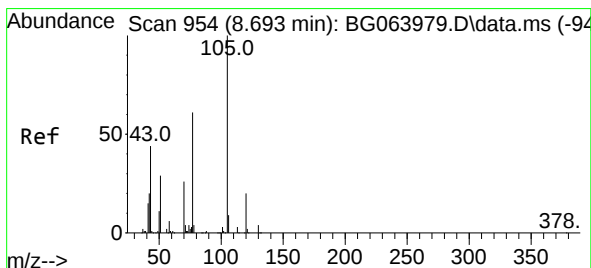
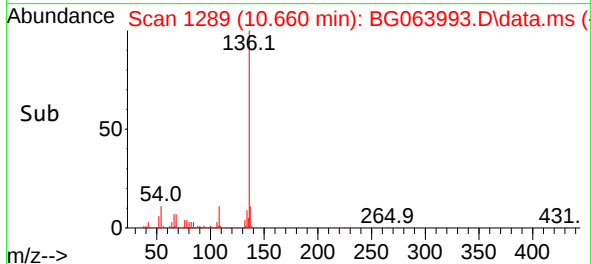
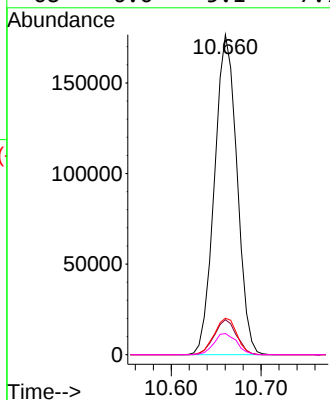


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.660 min Scan# 1289
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

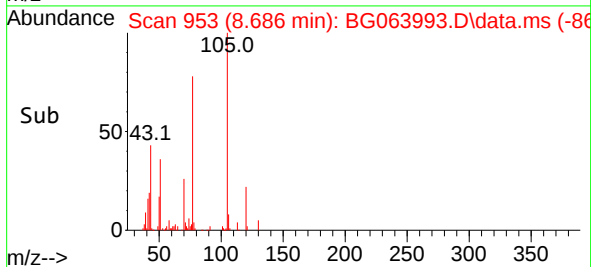
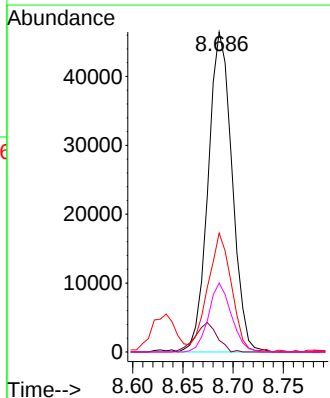
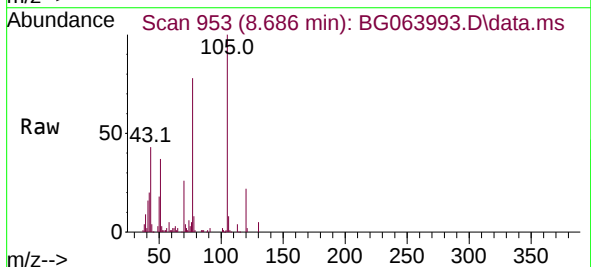


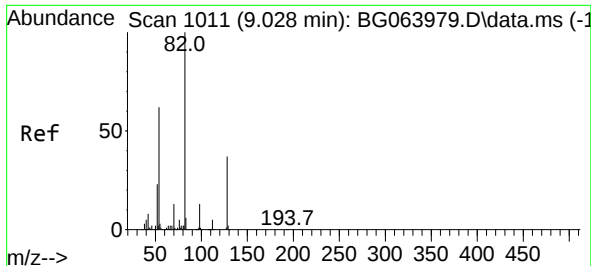
Tgt Ion:	136	Resp:	307056
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	11.4	9.2	13.8
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 9.117 ng
RT: 8.686 min Scan# 953
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:	105	Resp:	76920
Ion Ratio	Lower	Upper	
105	100		
71	3.7	3.1	4.7
51	37.1	29.9	44.9
120	21.6	16.0	24.0

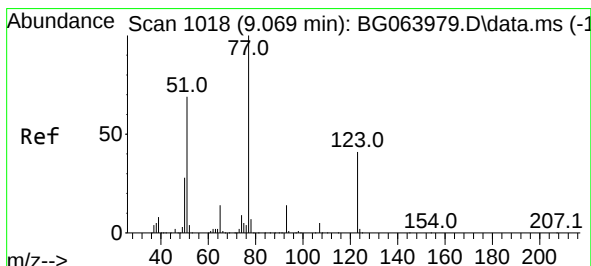
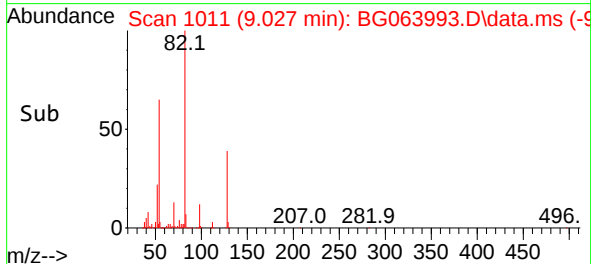
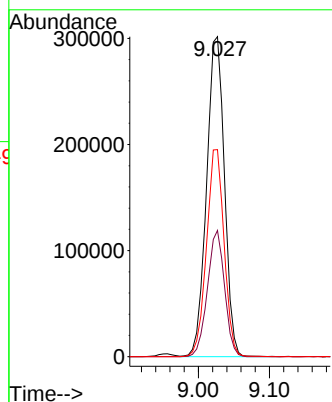
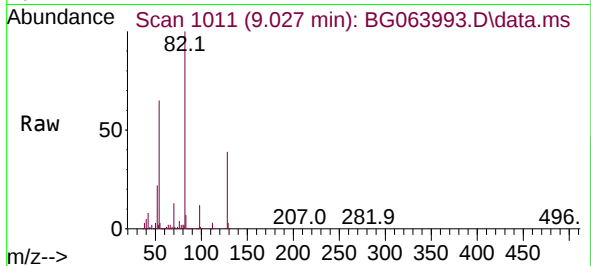




#23
Nitrobenzene-d5
Concen: 104.386 ng
RT: 9.027 min Scan# 1011
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

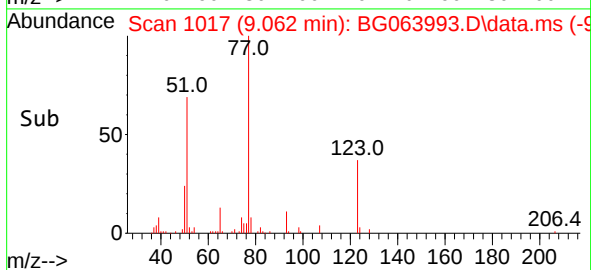
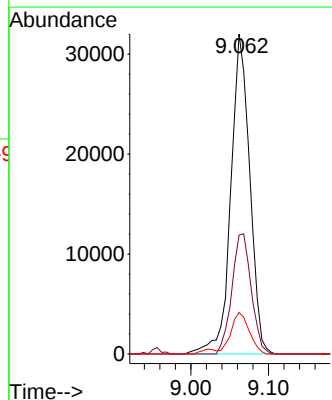
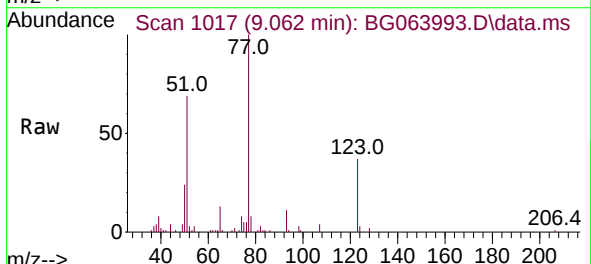
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

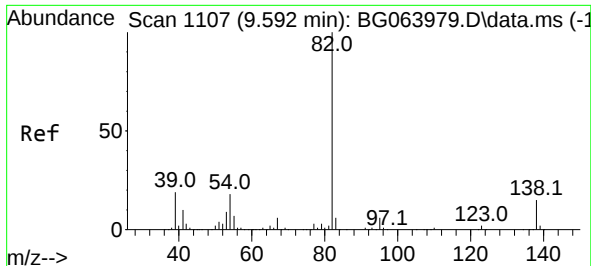
Tgt Ion: 82 Resp: 527391
Ion Ratio Lower Upper
82 100
128 39.4 29.4 44.2
54 64.7 49.9 74.9



#24
Nitrobenzene
Concen: 12.392 ng
RT: 9.062 min Scan# 1017
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion: 77 Resp: 54361
Ion Ratio Lower Upper
77 100
123 37.2 32.9 49.3
65 13.0 11.0 16.6

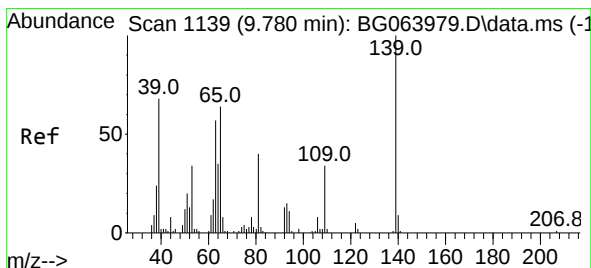
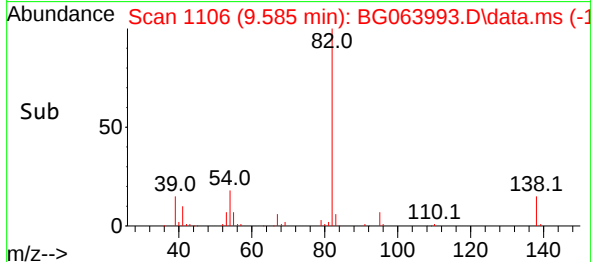
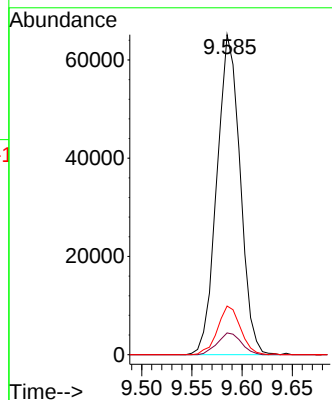
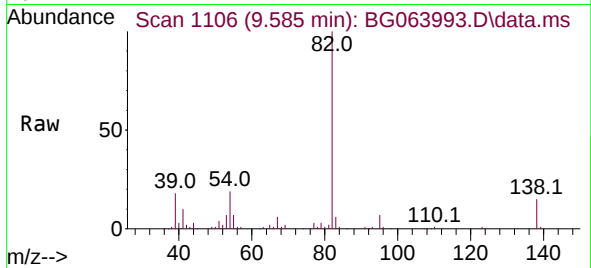




#25
Isophorone
Concen: 9.568 ng
RT: 9.585 min Scan# 1106
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

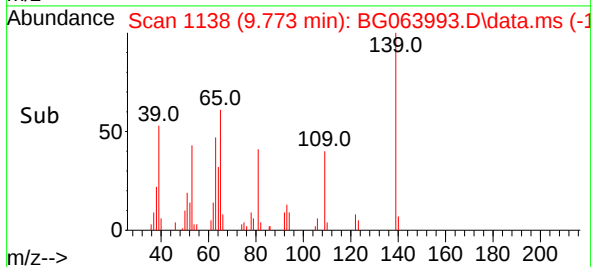
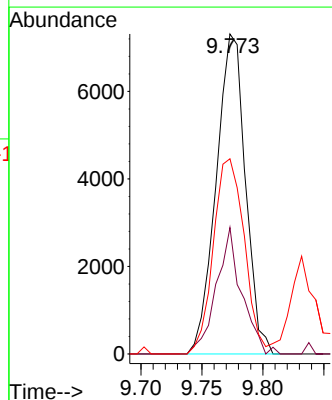
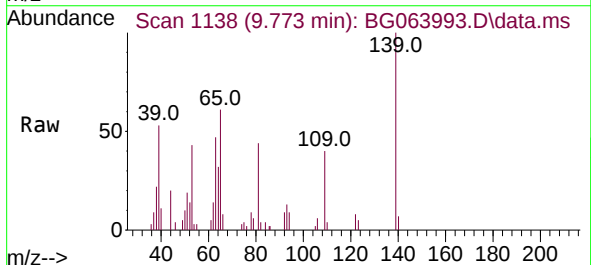
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

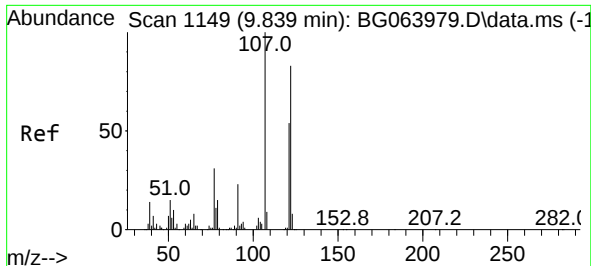
Tgt Ion: 82 Resp: 104793
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.4
138 15.2 12.2 18.4



#26
2-Nitrophenol
Concen: 16.545 ng
RT: 9.773 min Scan# 1138
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:139 Resp: 12231
Ion Ratio Lower Upper
139 100
109 39.5 27.1 40.7
65 61.0 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 7.609 ng

RT: 9.832 min Scan# 1149

Delta R.T. -0.007 min

Lab File: BG063993.D

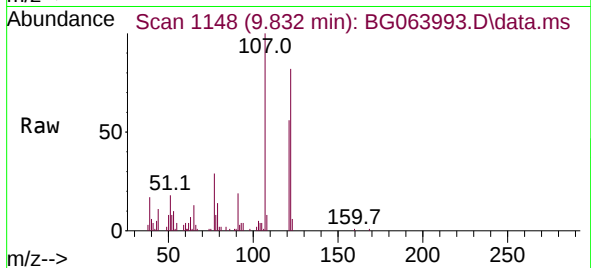
Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



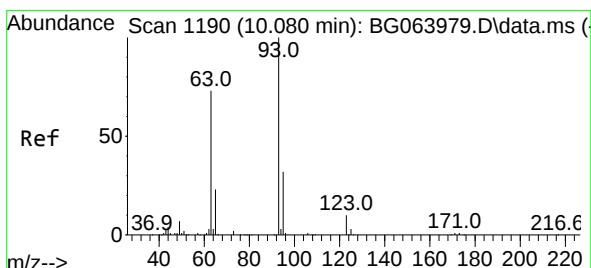
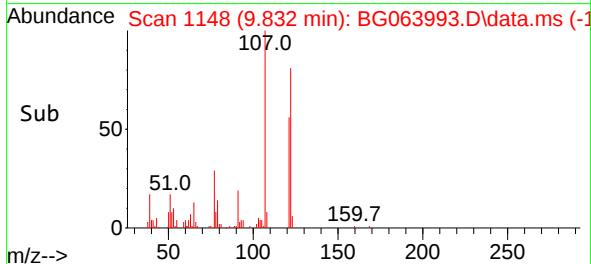
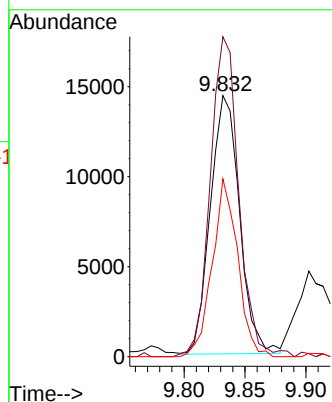
Tgt Ion:122 Resp: 23972

Ion Ratio Lower Upper

122 100

107 122.5 96.4 144.6

121 68.0 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 8.964 ng

RT: 10.073 min Scan# 1189

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

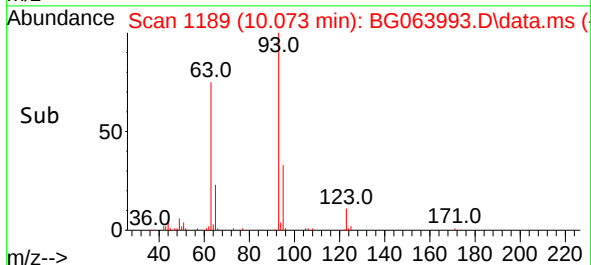
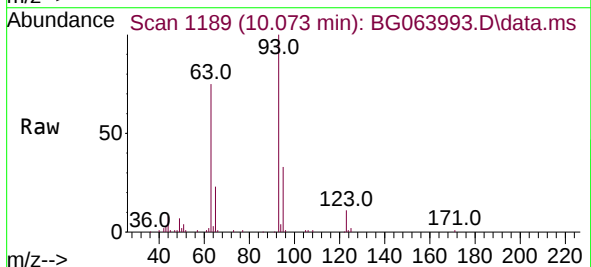
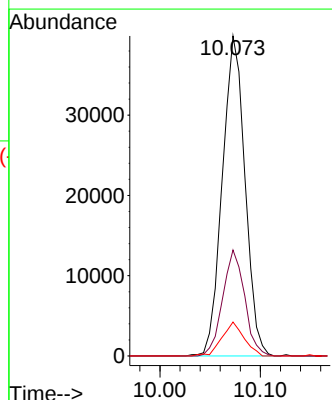
Tgt Ion: 93 Resp: 62468

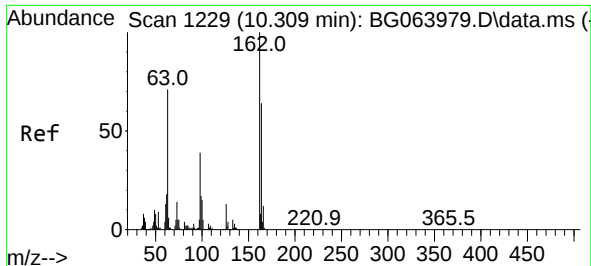
Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.2

123 10.6 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 11.530 ng

RT: 10.302 min Scan# 1228

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

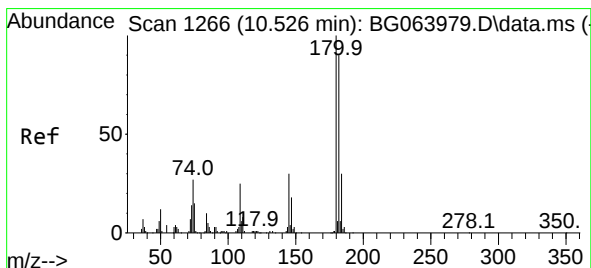
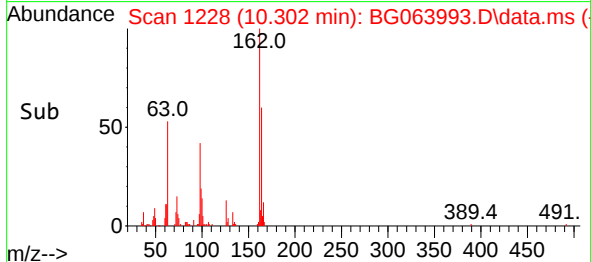
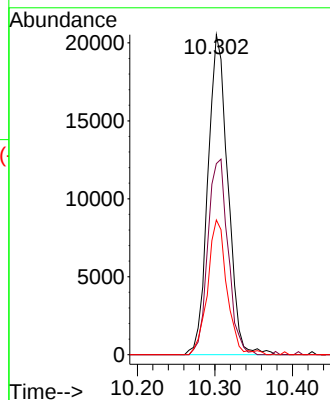
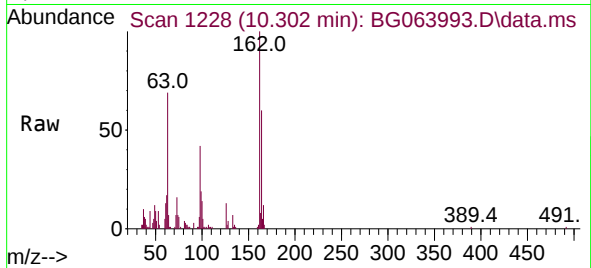
Tgt Ion:162 Resp: 36686

Ion Ratio Lower Upper

162 100

164 59.7 43.6 83.6

98 42.1 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 9.040 ng

RT: 10.525 min Scan# 1266

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

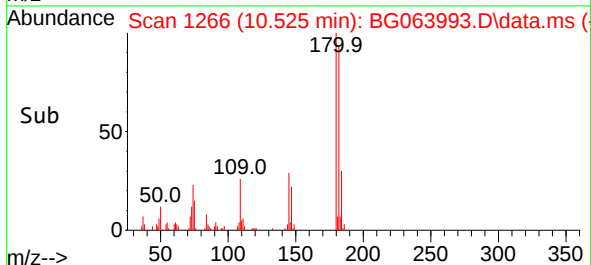
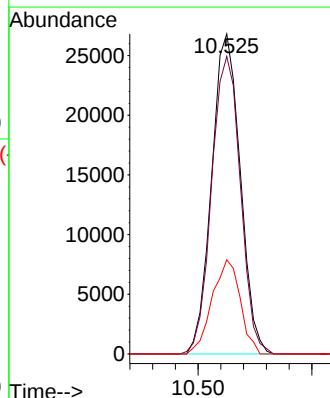
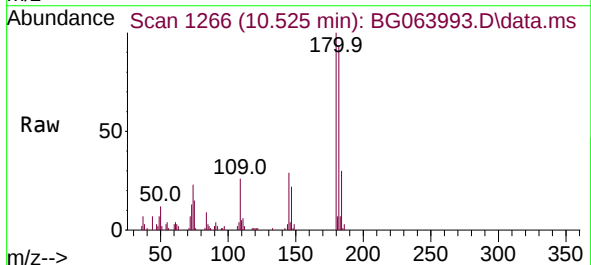
Tgt Ion:180 Resp: 46791

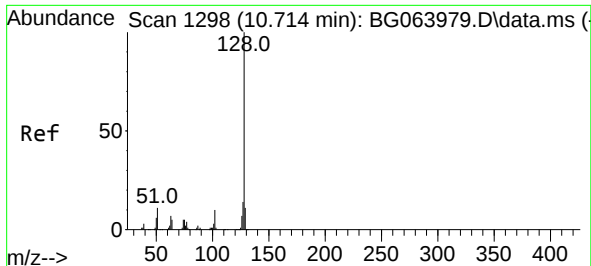
Ion Ratio Lower Upper

180 100

182 92.9 72.3 108.5

145 29.4 23.8 35.8

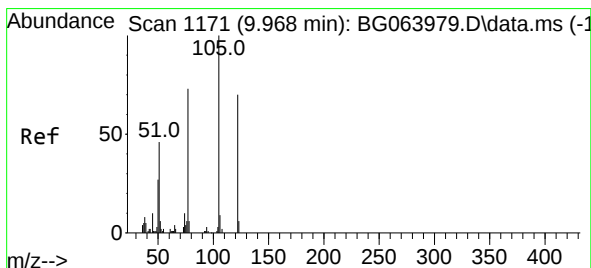
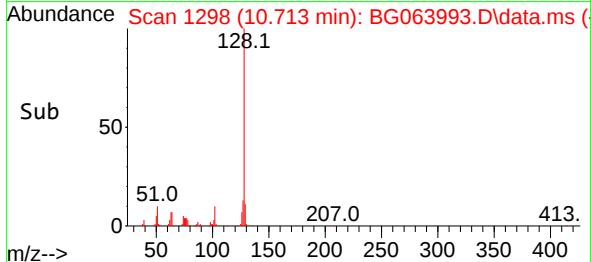
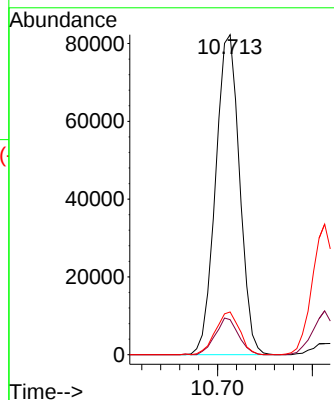
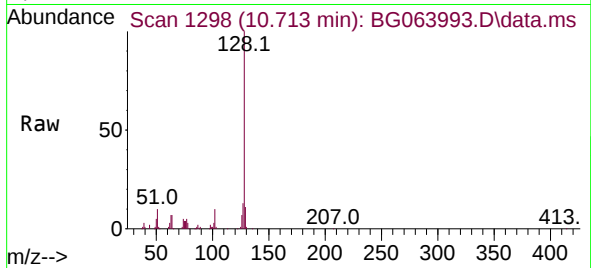




#31
Naphthalene
Concen: 8.778 ng
RT: 10.713 min Scan# 1160
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

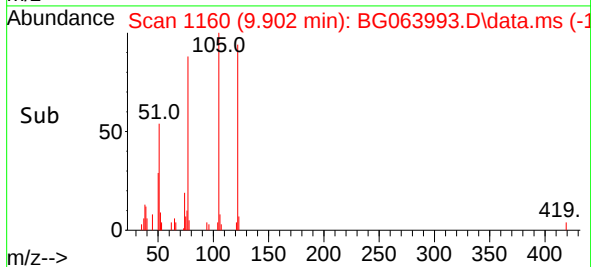
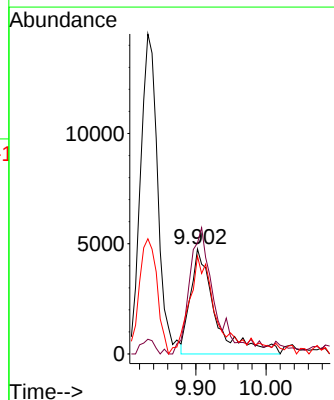
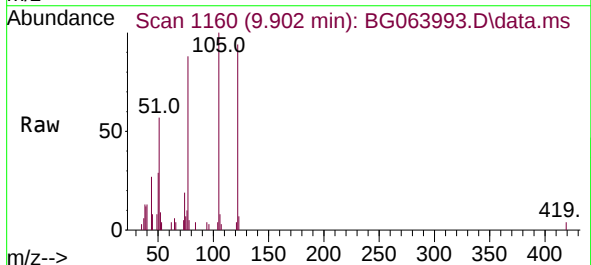
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

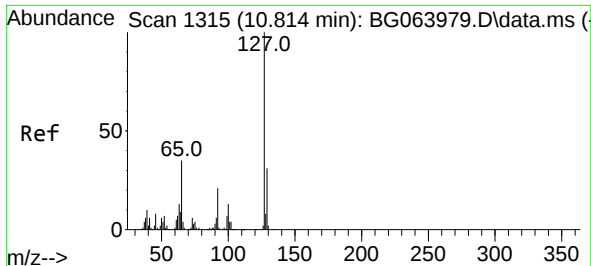
Tgt Ion:128 Resp: 144499
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 13.125 ng m
RT: 9.902 min Scan# 1160
Delta R.T. -0.066 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:122 Resp: 11702
Ion Ratio Lower Upper
122 100
105 105.9 117.9 157.9#
77 93.1 83.9 123.9

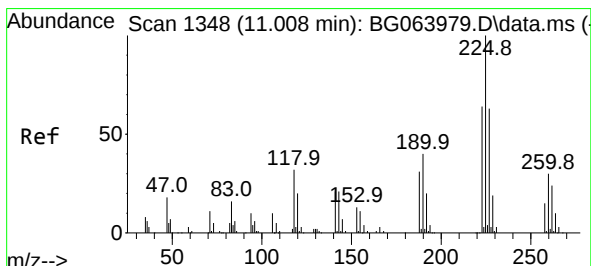
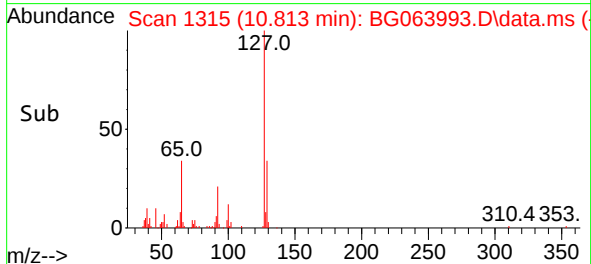
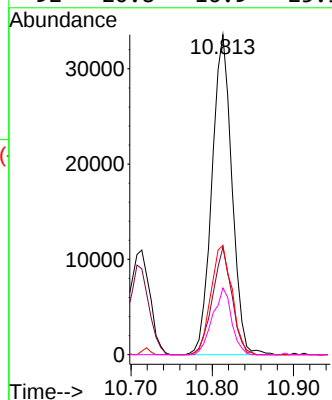
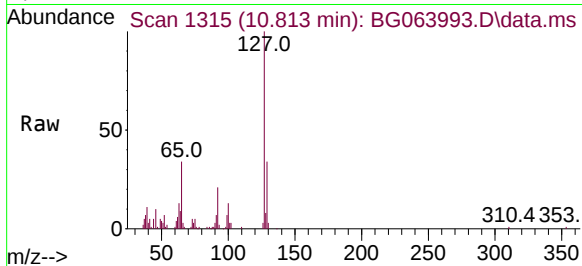




#33
4-Chloroaniline
Concen: 9.093 ng
RT: 10.813 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

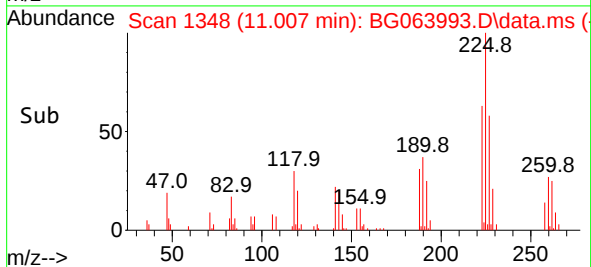
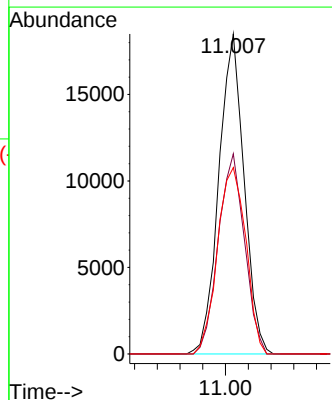
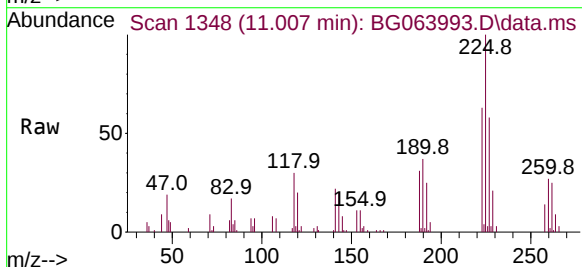
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

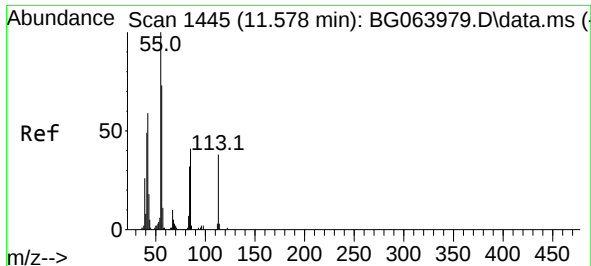
Tgt	Ion:127	Resp:	57356
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.9	37.3
65	34.2	28.2	42.4
92	20.8	16.9	25.3



#34
Hexachlorobutadiene
Concen: 8.644 ng
RT: 11.007 min Scan# 1348
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt	Ion:225	Resp:	28491
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	58.3	50.3	75.5

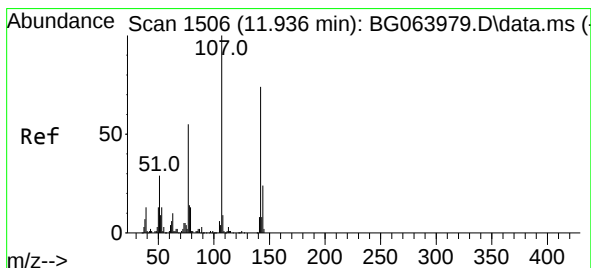
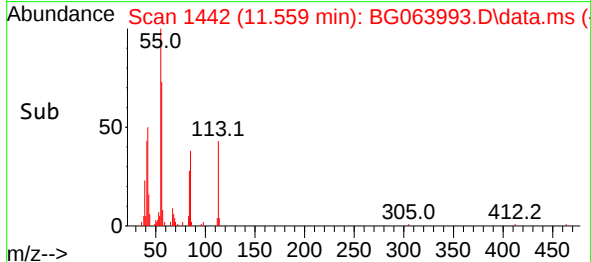
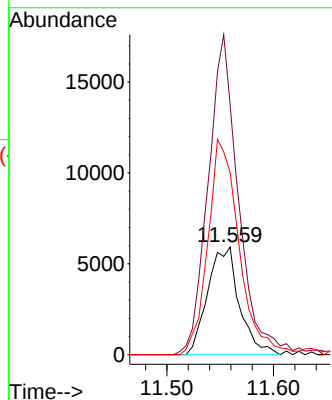
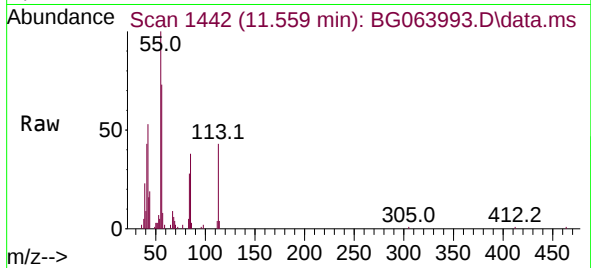




#35
Caprolactam
Concen: 12.059 ng
RT: 11.559 min Scan# 1445
Delta R.T. -0.019 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

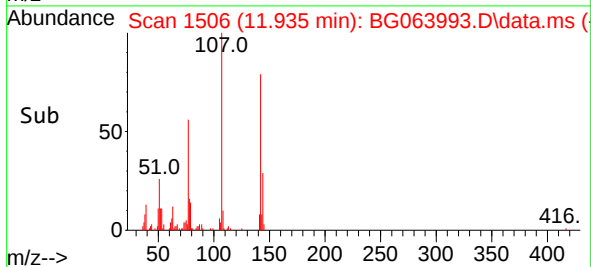
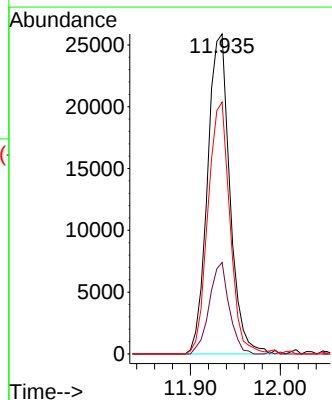
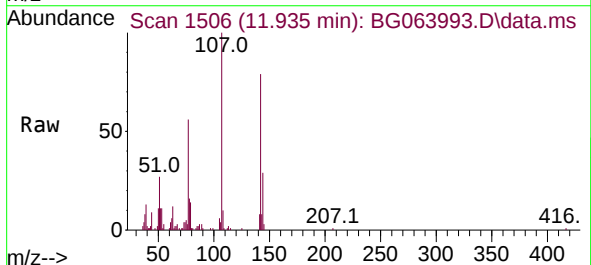
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

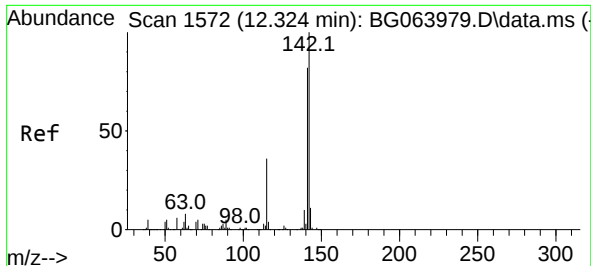
Tgt Ion:113 Resp: 12213
Ion Ratio Lower Upper
113 100
55 232.6 241.8 281.8#
56 169.4 171.5 211.5#



#36
4-Chloro-3-methylphenol
Concen: 8.881 ng
RT: 11.935 min Scan# 1506
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:107 Resp: 44784
Ion Ratio Lower Upper
107 100
144 28.6 19.2 28.8
142 78.7 58.9 88.3

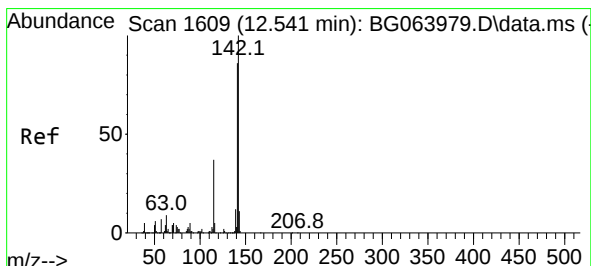
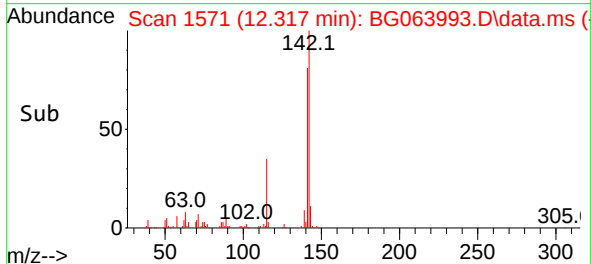
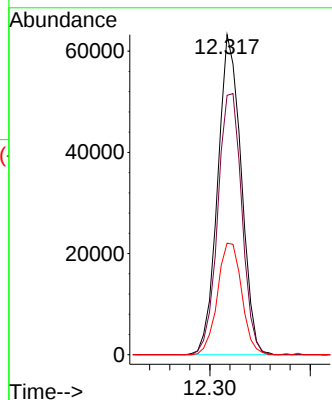
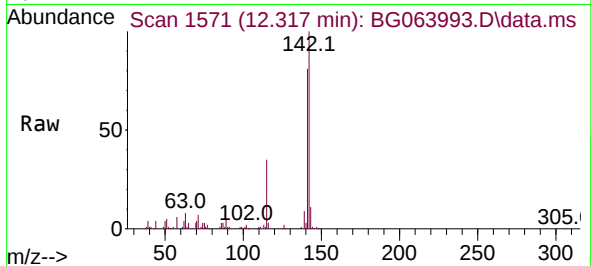




#37
2-Methylnaphthalene
Concen: 8.940 ng
RT: 12.317 min Scan# 1571
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

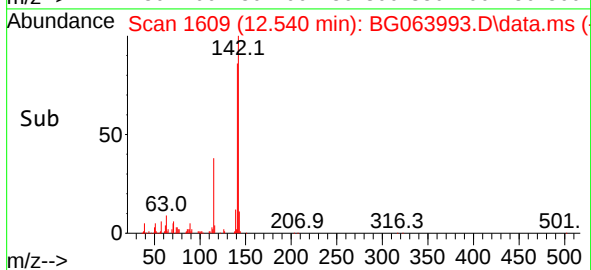
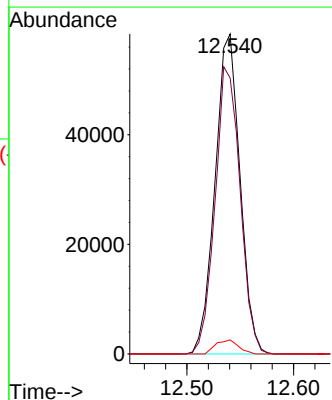
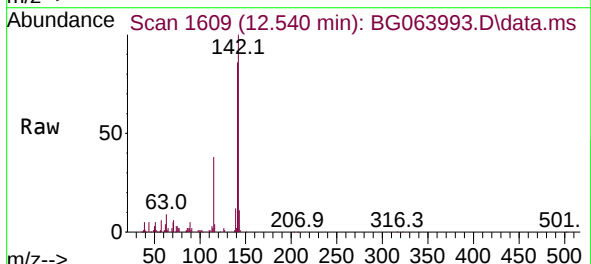
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

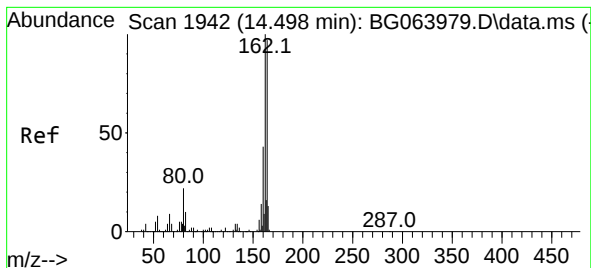
Tgt Ion:142 Resp: 102558
Ion Ratio Lower Upper
142 100
141 81.0 65.8 98.8
115 34.9 28.9 43.3



#38
1-Methylnaphthalene
Concen: 8.352 ng
RT: 12.540 min Scan# 1609
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:142 Resp: 94808
Ion Ratio Lower Upper
142 100
141 86.3 69.2 103.8
116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.497 min Scan# 1942

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

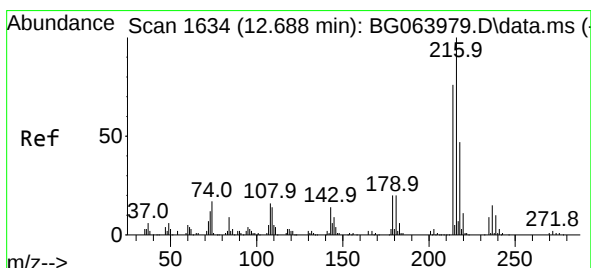
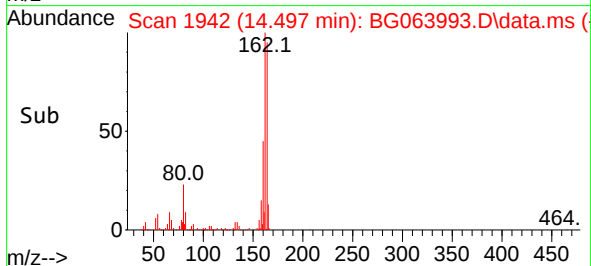
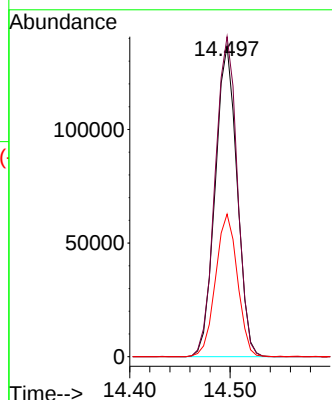
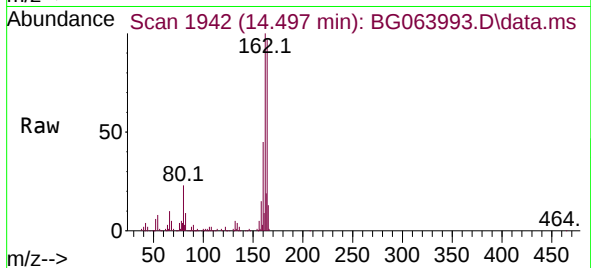
Tgt Ion:164 Resp: 206395

Ion Ratio Lower Upper

164 100

162 102.9 82.3 123.5

160 45.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.428 ng

RT: 12.687 min Scan# 1634

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Tgt Ion:216 Resp: 57386

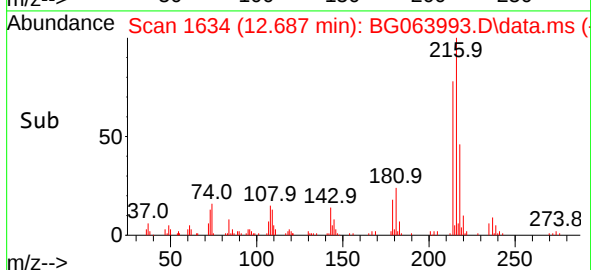
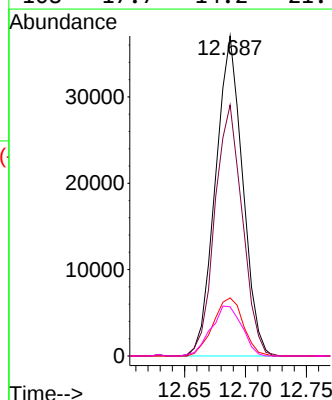
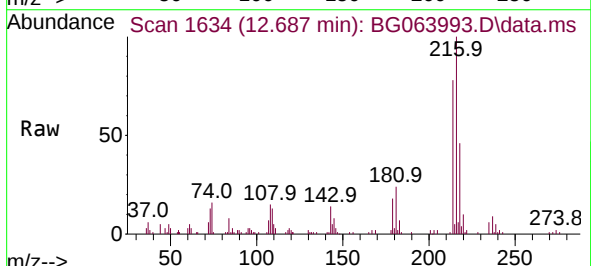
Ion Ratio Lower Upper

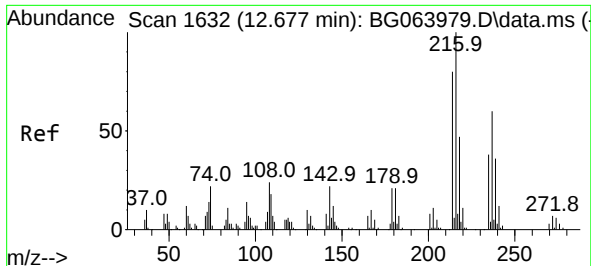
216 100

214 79.3 62.9 94.3

179 20.1 16.6 25.0

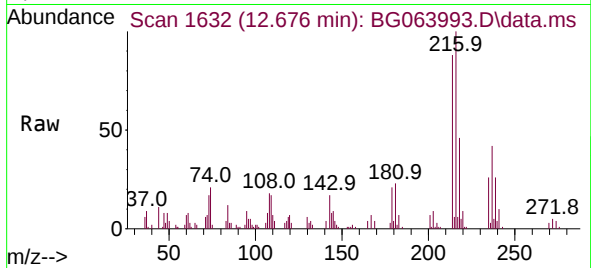
108 17.7 14.2 21.4



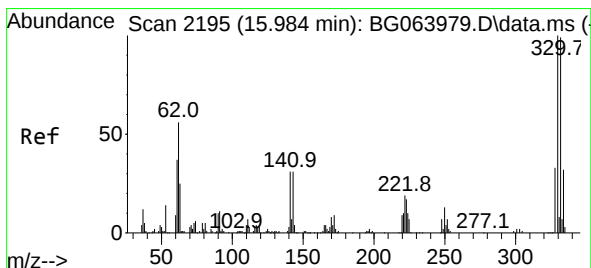
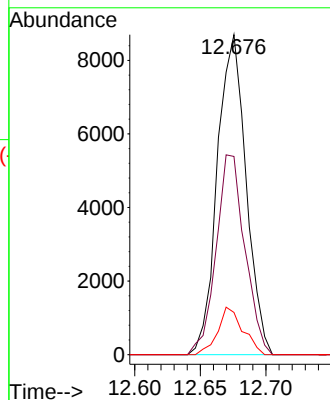
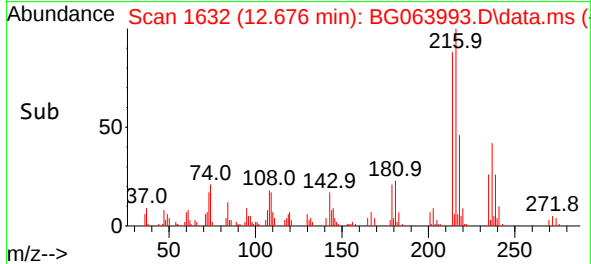


#41
Hexachlorocyclopentadiene
Concen: 8.601 ng
RT: 12.676 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

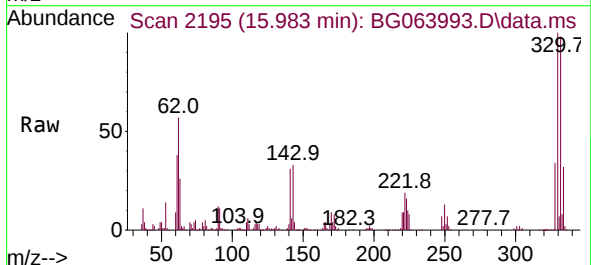
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



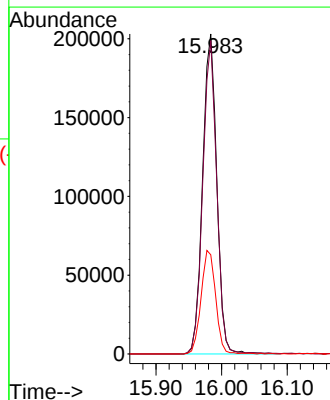
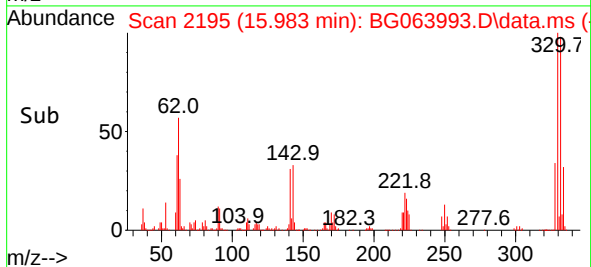
Tgt Ion:	237	Resp:	13250
Ion	Ratio	Lower	Upper
237	100		
235	61.9	43.8	83.8
272	13.2	0.0	32.3

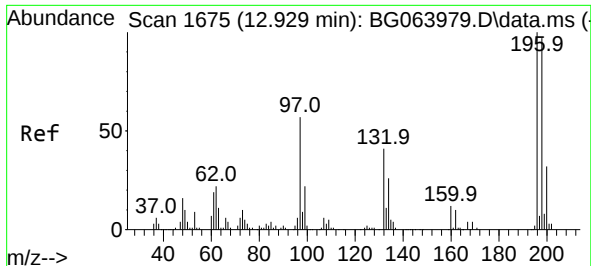


#42
2,4,6-Tribromophenol
Concen: 128.259 ng
RT: 15.983 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01



Tgt Ion:	330	Resp:	305293
Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.6
141	33.3	27.2	40.8

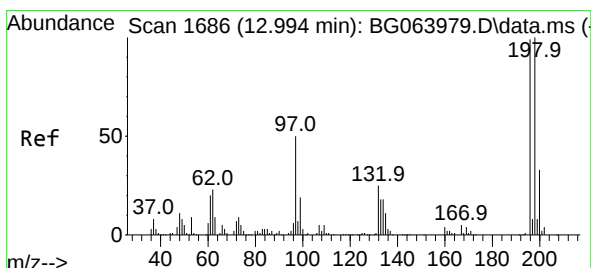
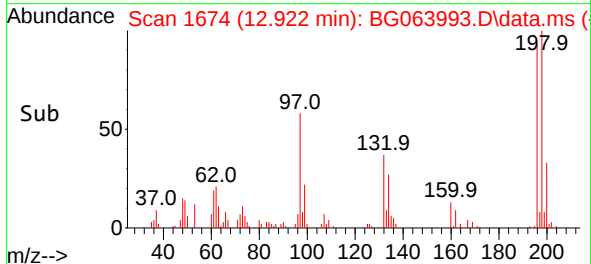
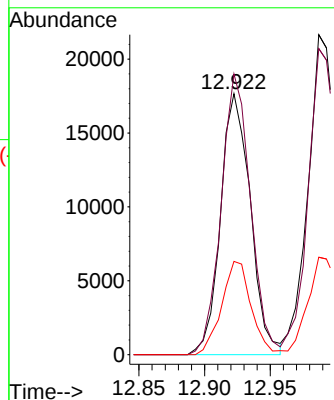
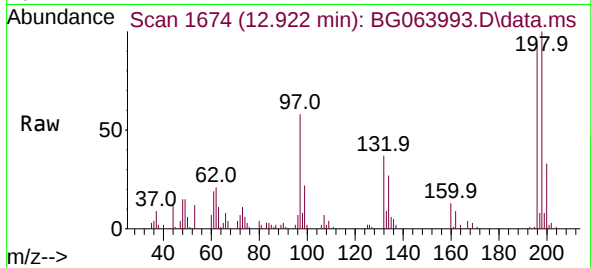




#43
2,4,6-Trichlorophenol
Concen: 11.918 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

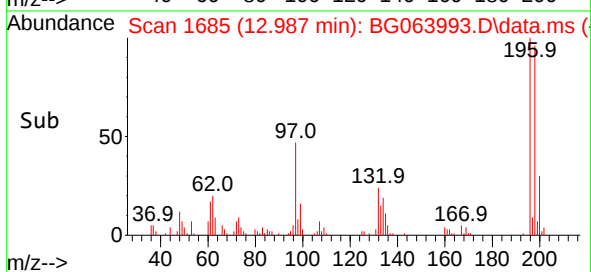
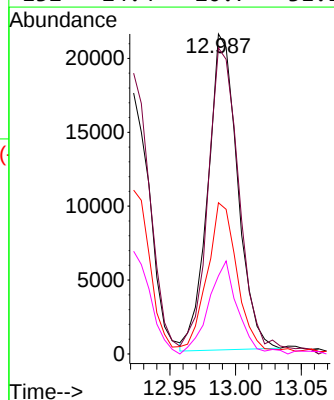
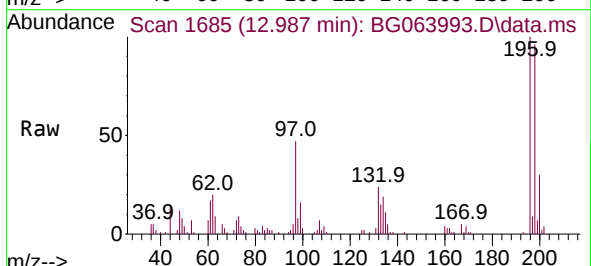
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

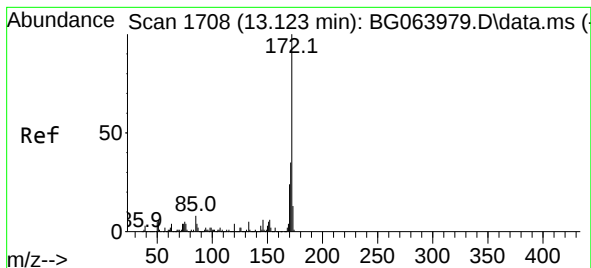
Tgt Ion:196 Resp: 27973
Ion Ratio Lower Upper
196 100
198 107.6 77.9 116.9
200 35.7 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 11.625 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:196 Resp: 33694
Ion Ratio Lower Upper
196 100
198 95.6 81.1 121.7
97 47.2 41.2 61.8
132 24.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 92.756 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

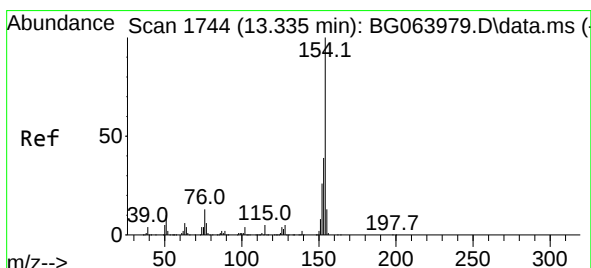
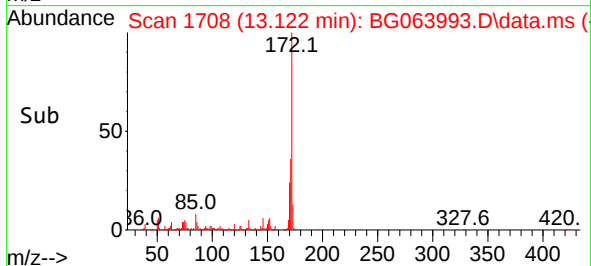
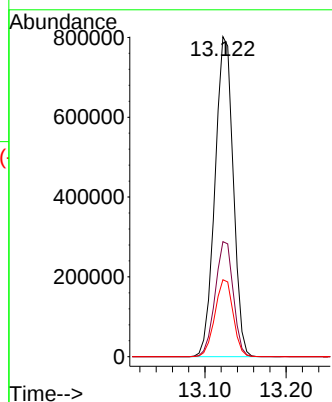
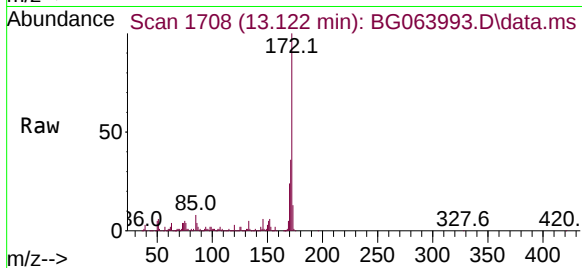
Tgt Ion:172 Resp: 1249513

Ion Ratio Lower Upper

172 100

171 35.9 27.8 41.6

170 24.1 19.4 29.2



#46

1,1'-Biphenyl

Concen: 9.373 ng

RT: 13.334 min Scan# 1744

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

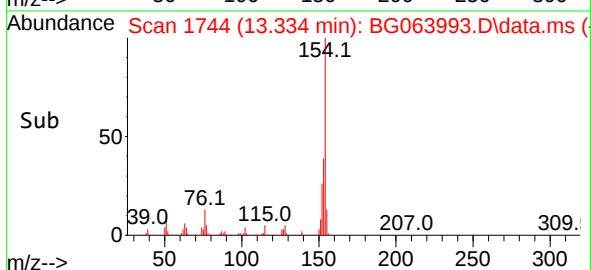
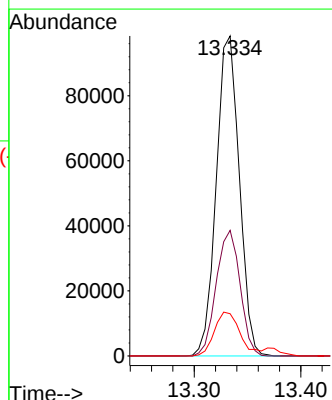
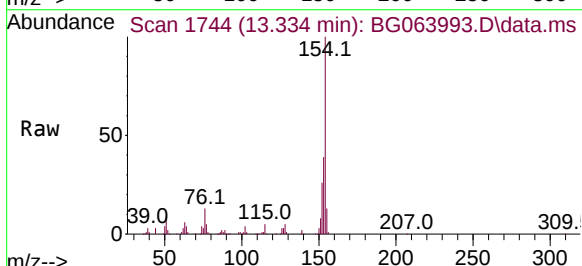
Tgt Ion:154 Resp: 147289

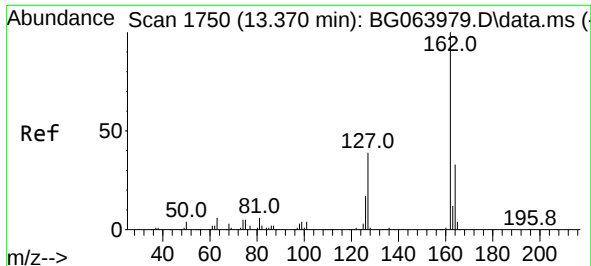
Ion Ratio Lower Upper

154 100

153 39.2 19.3 59.3

76 13.2 0.0 33.3

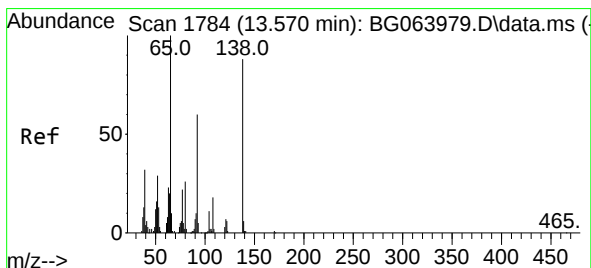
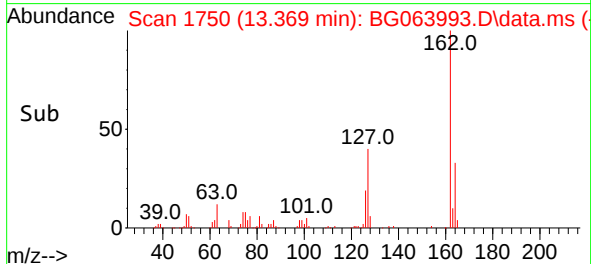
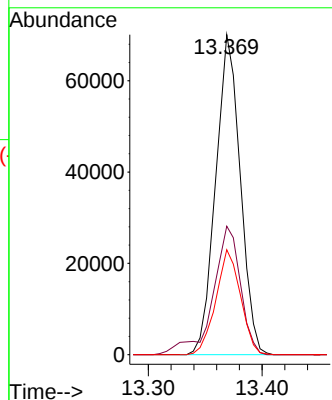
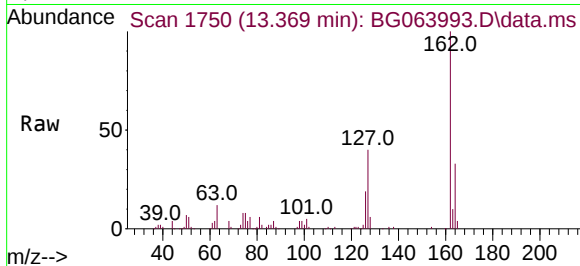




#47
2-Chloronaphthalene
Concen: 9.184 ng
RT: 13.369 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

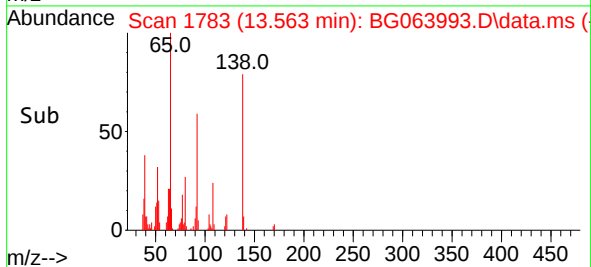
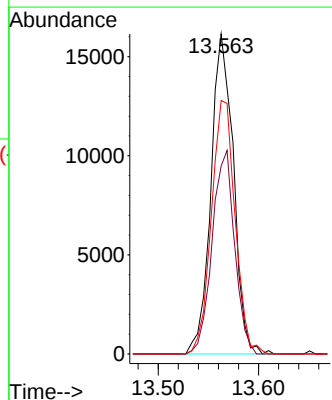
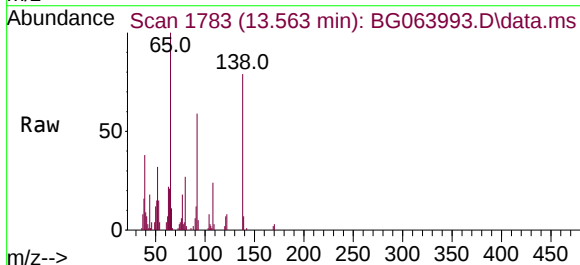
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

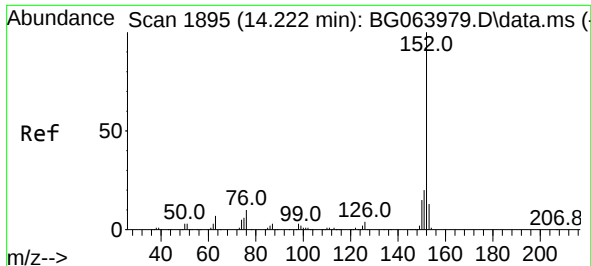
Tgt Ion:162 Resp: 105187
Ion Ratio Lower Upper
162 100
127 40.1 33.4 50.2
164 32.8 26.0 39.0



#48
2-Nitroaniline
Concen: 13.134 ng
RT: 13.563 min Scan# 1783
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

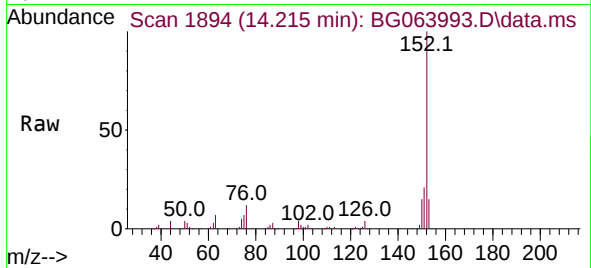
Tgt Ion: 65 Resp: 25058
Ion Ratio Lower Upper
65 100
92 58.7 47.6 71.4
138 79.2 70.6 106.0



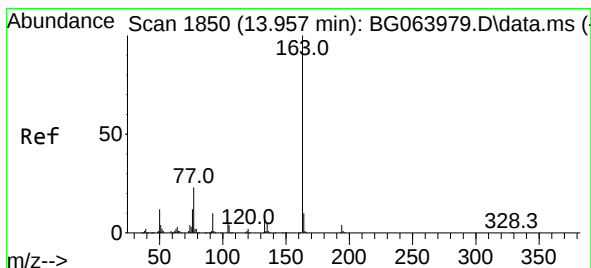
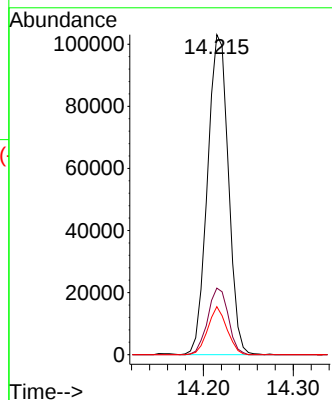
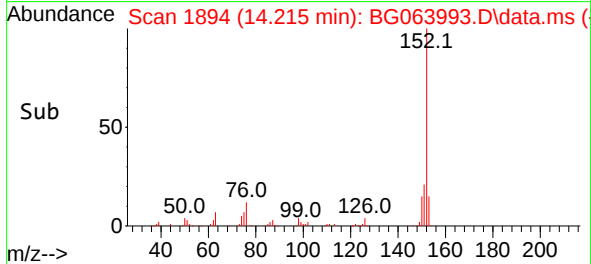


#49
Acenaphthylene
Concen: 9.341 ng
RT: 14.215 min Scan# 1894
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

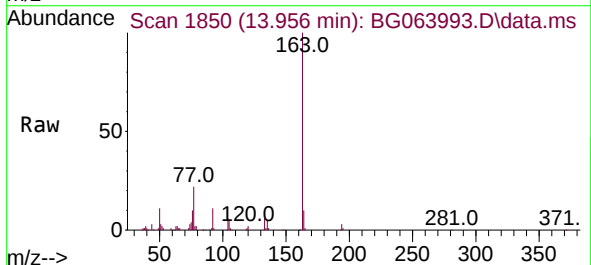
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



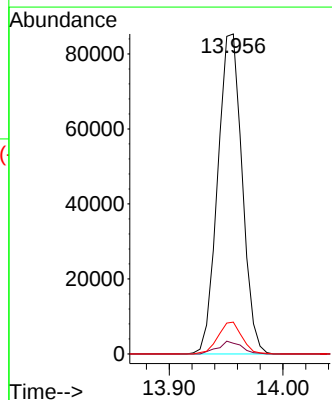
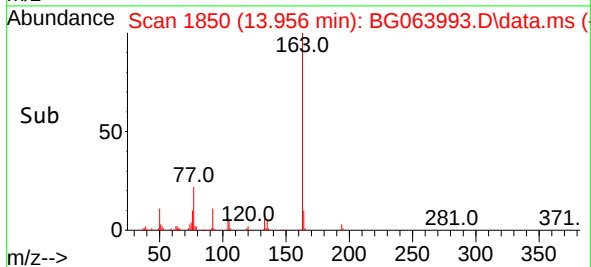
Tgt Ion:152 Resp: 166190
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 15.0 10.3 15.5

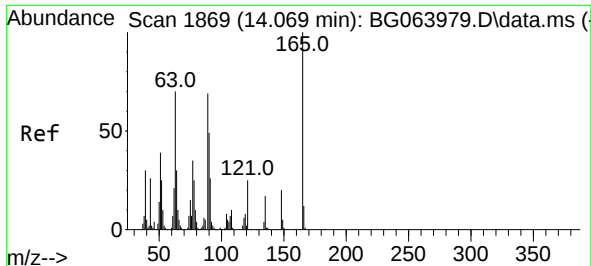


#50
Dimethylphthalate
Concen: 9.285 ng
RT: 13.956 min Scan# 1850
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01



Tgt Ion:163 Resp: 127069
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.0 8.0 12.0

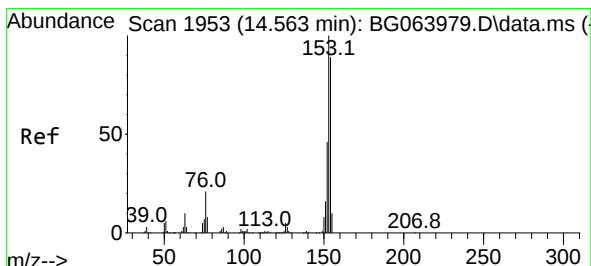
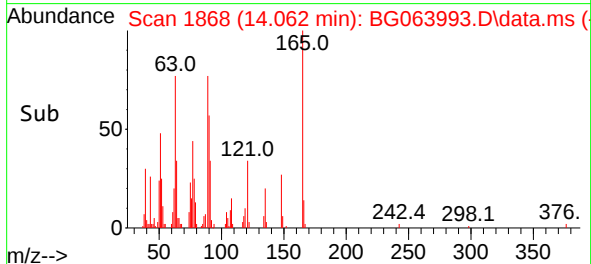
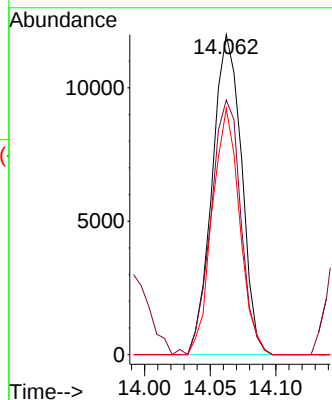
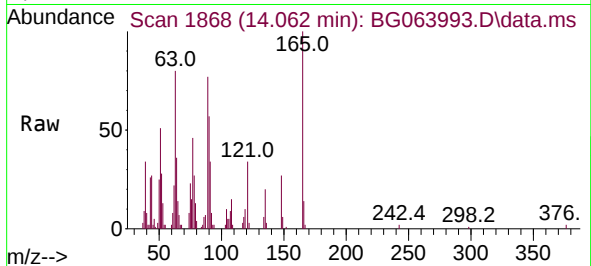




#51
2,6-Dinitrotoluene
Concen: 11.811 ng
RT: 14.062 min Scan# 1868
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

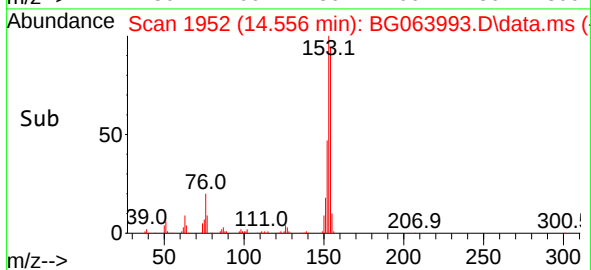
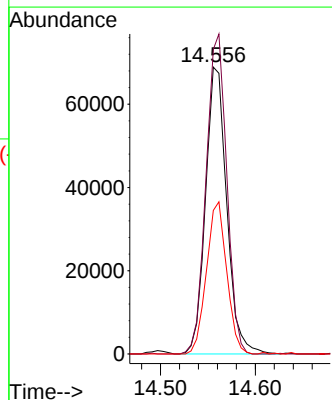
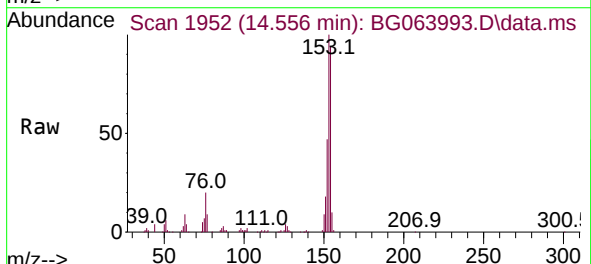
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

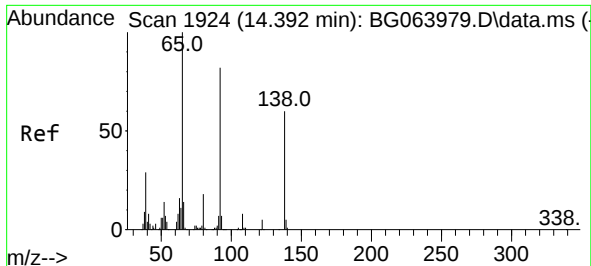
Tgt Ion:165 Resp: 18591
Ion Ratio Lower Upper
165 100
63 79.6 57.7 86.5
89 76.9 55.6 83.4



#52
Acenaphthene
Concen: 8.978 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:154 Resp: 107135
Ion Ratio Lower Upper
154 100
153 106.1 90.2 135.2
152 50.0 41.1 61.7

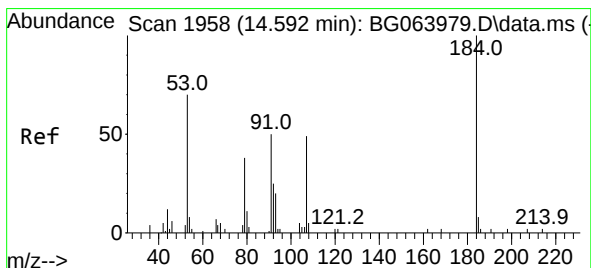
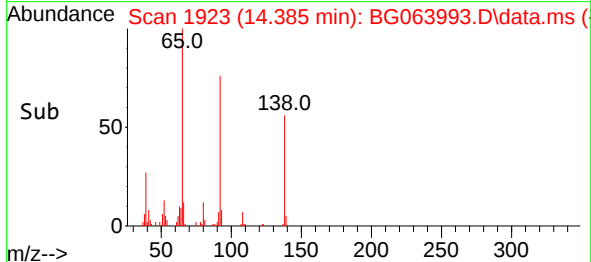
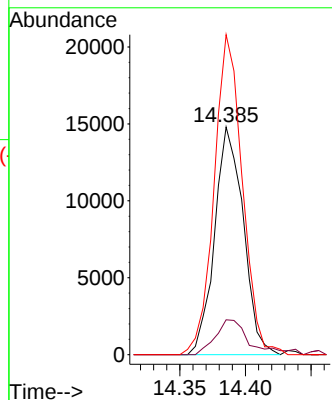
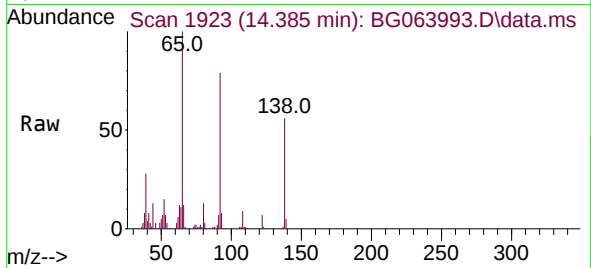




#53
3-Nitroaniline
Concen: 11.919 ng
RT: 14.385 min Scan# 1923
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

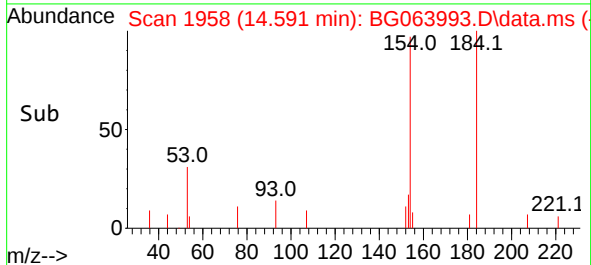
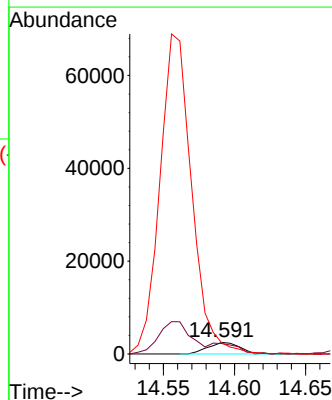
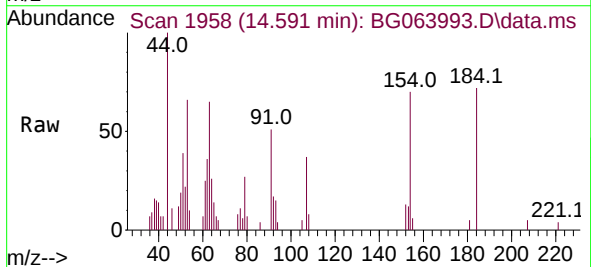
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

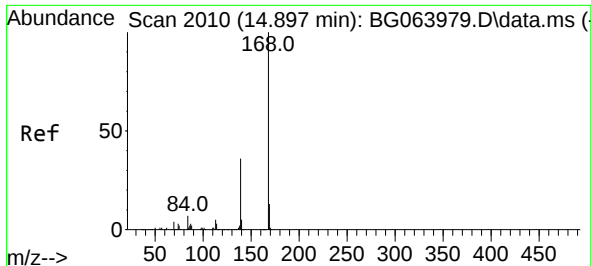
Tgt Ion:138 Resp: 22475
Ion Ratio Lower Upper
138 100
108 15.3 10.3 15.5
92 140.6 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 11.814 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:184 Resp: 3854
Ion Ratio Lower Upper
184 100
63 89.7 67.3 100.9
154 97.0 65.9 98.9

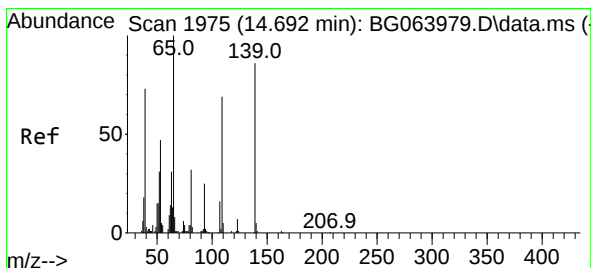
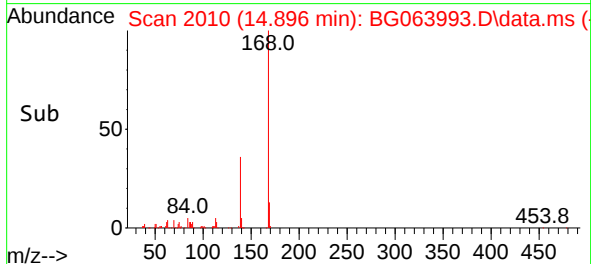
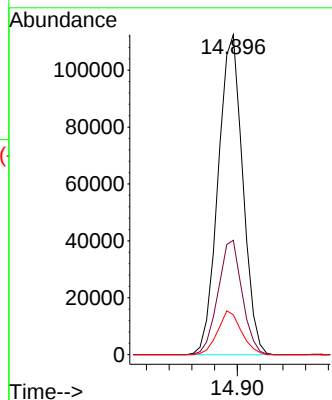
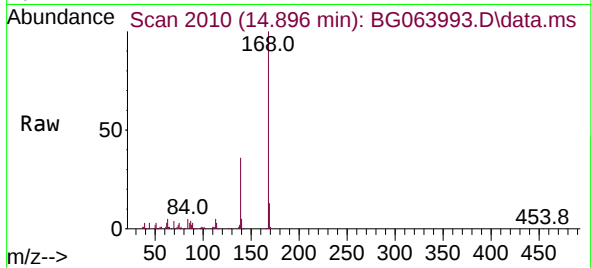




#55
Dibenzofuran
Concen: 8.718 ng
RT: 14.896 min Scan# 2010
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

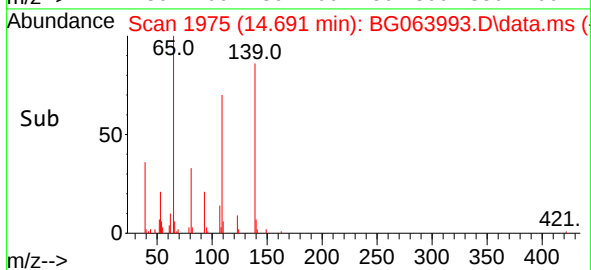
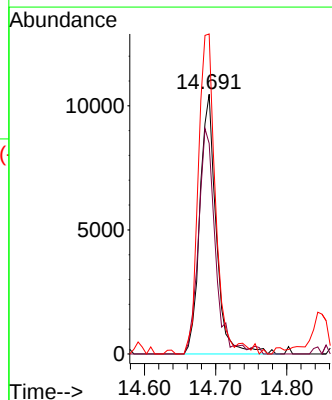
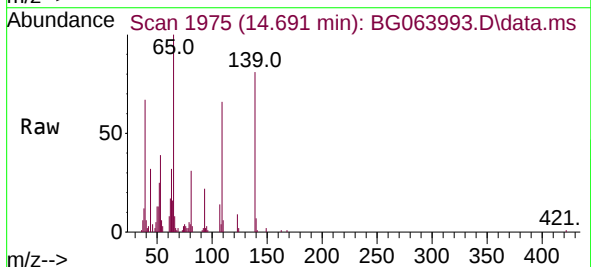
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

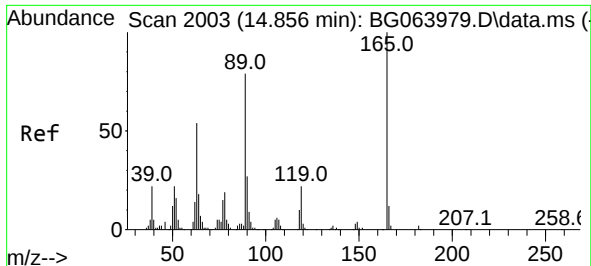
Tgt Ion:168 Resp: 168935
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 12.5 10.6 16.0



#56
4-Nitrophenol
Concen: 14.085 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:139 Resp: 16717
Ion Ratio Lower Upper
139 100
109 81.1 60.1 100.1
65 123.2 96.2 136.2

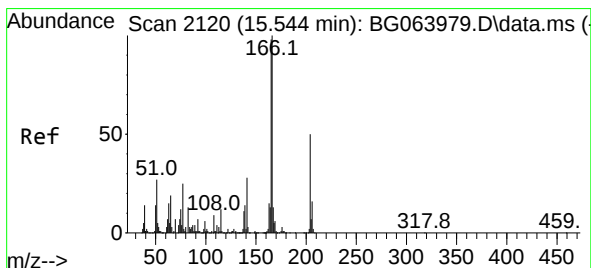
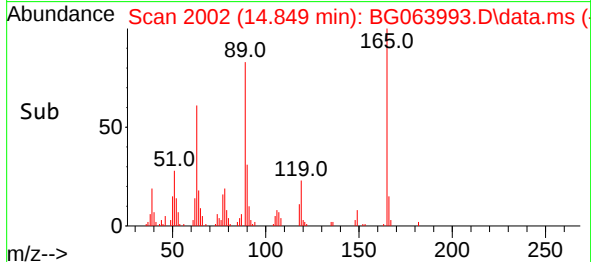
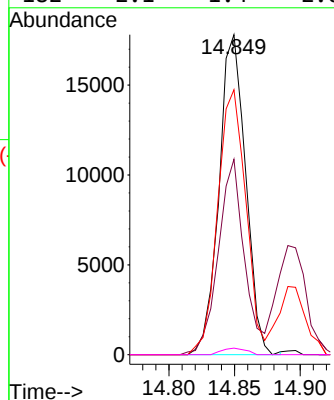
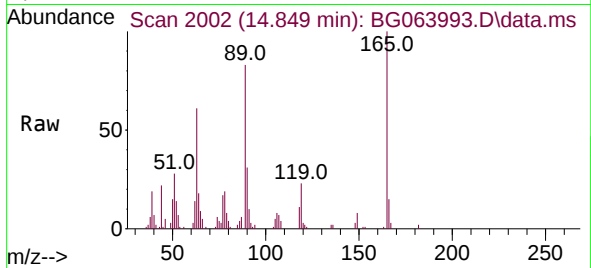




#57
2,4-Dinitrotoluene
Concen: 12.567 ng
RT: 14.849 min Scan# 2003
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

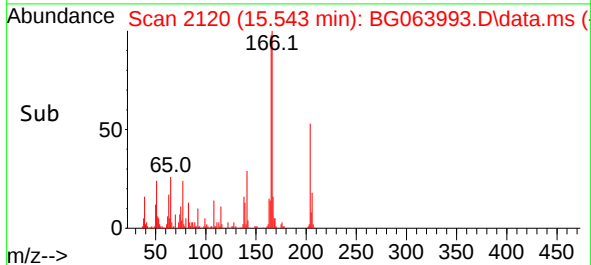
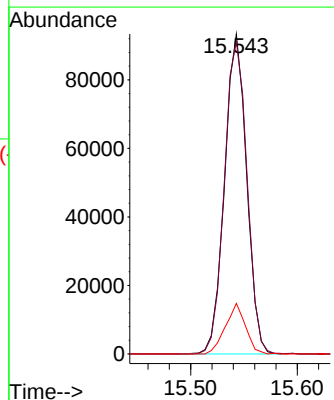
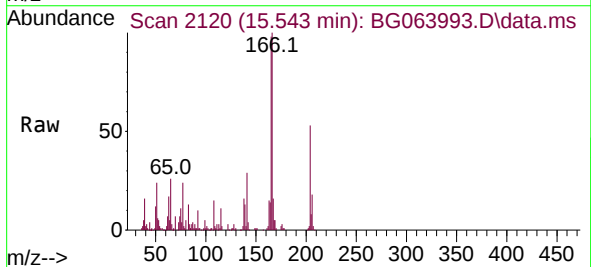
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

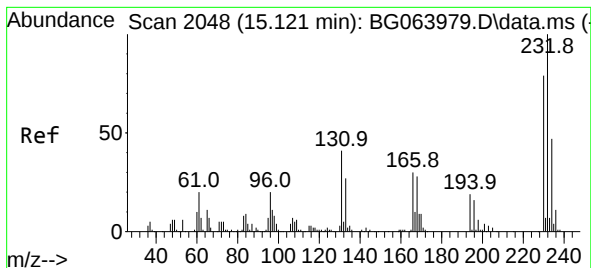
Tgt Ion:165 Resp: 25081
Ion Ratio Lower Upper
165 100
63 61.1 43.6 65.4
89 82.8 63.1 94.7
182 2.1 1.4 2.0#



#58
Fluorene
Concen: 8.947 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:166 Resp: 134003
Ion Ratio Lower Upper
166 100
165 97.5 78.7 118.1
167 15.8 10.1 15.1#

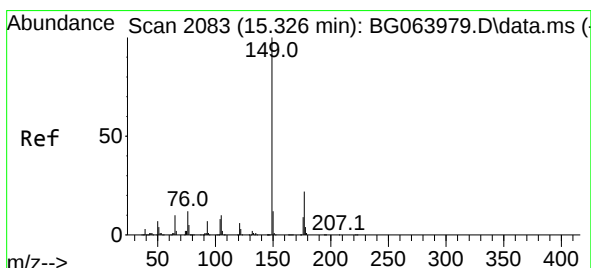
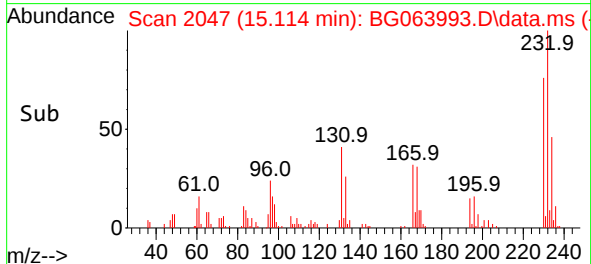
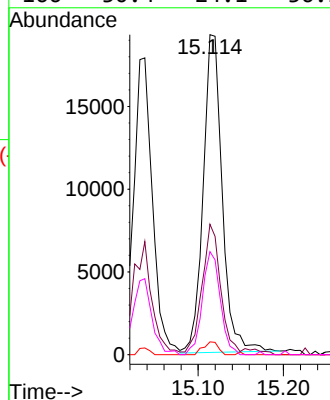
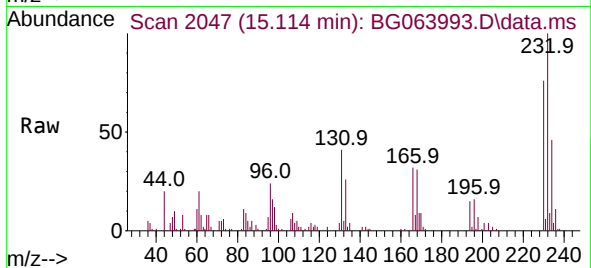




#59
2,3,4,6-Tetrachlorophenol
Concen: 12.066 ng
RT: 15.114 min Scan# 2047
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

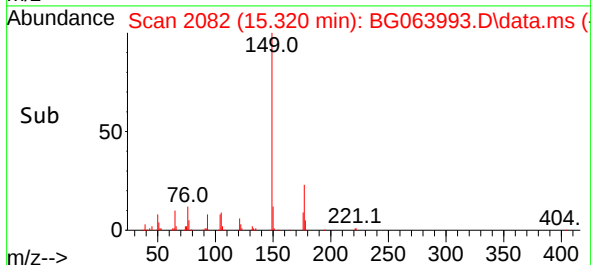
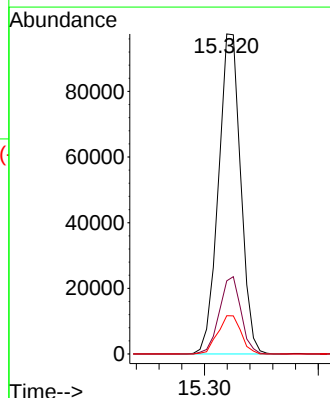
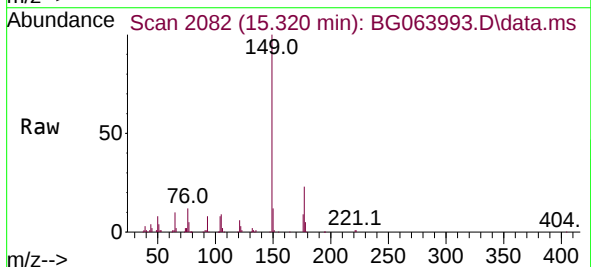
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

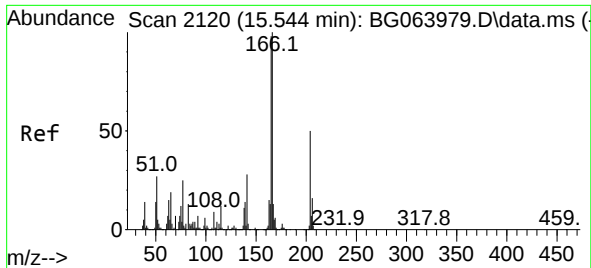
Tgt Ion:232 Resp: 29877
Ion Ratio Lower Upper
232 100
131 41.9 34.0 51.0
130 3.1 2.2 3.4
166 30.4 24.1 36.1



#60
Diethylphthalate
Concen: 9.134 ng
RT: 15.320 min Scan# 2082
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:149 Resp: 132521
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.0 9.7 14.5

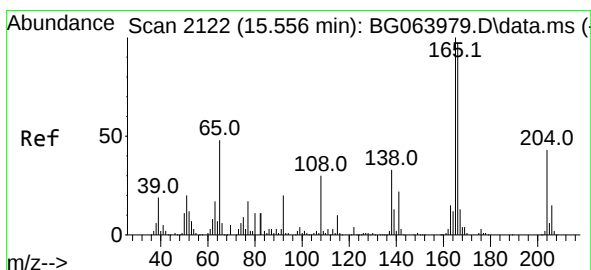
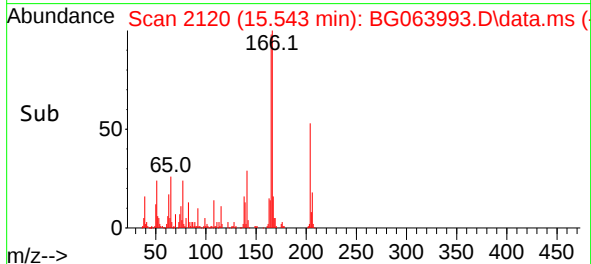
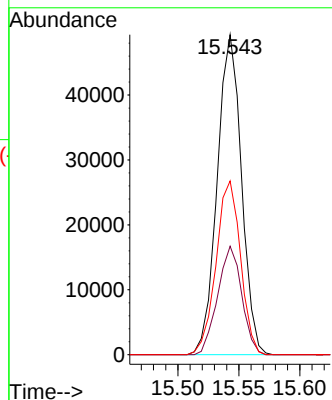
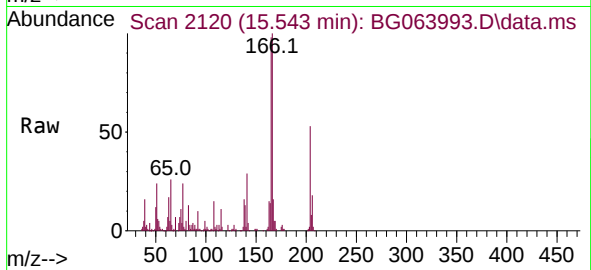




#61
4-Chlorophenyl-phenylether
Concen: 9.088 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

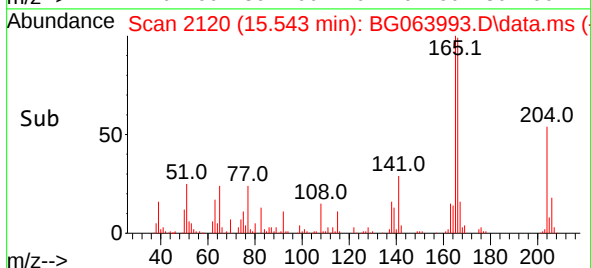
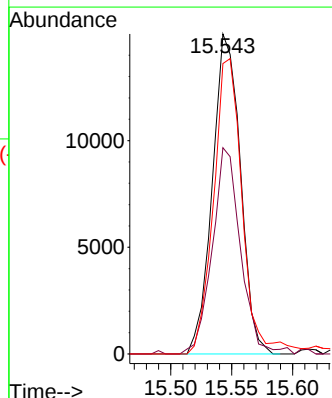
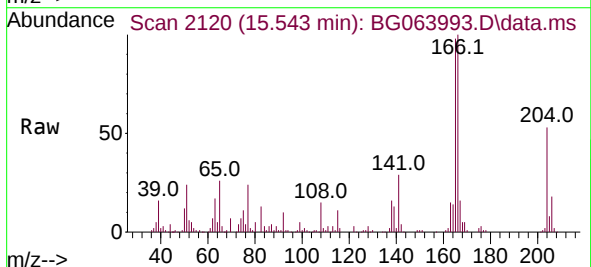
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

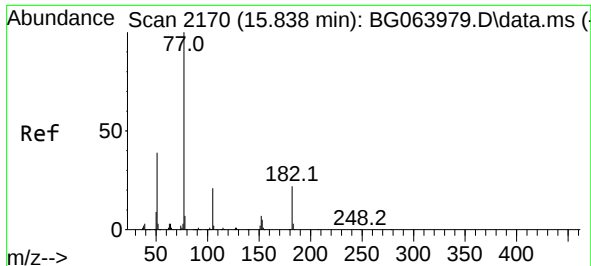
Tgt Ion:204 Resp: 68293
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 54.3 44.6 67.0



#62
4-Nitroaniline
Concen: 10.725 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.013 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:138 Resp: 23946
Ion Ratio Lower Upper
138 100
92 64.4 40.3 80.3
108 90.8 69.3 109.3

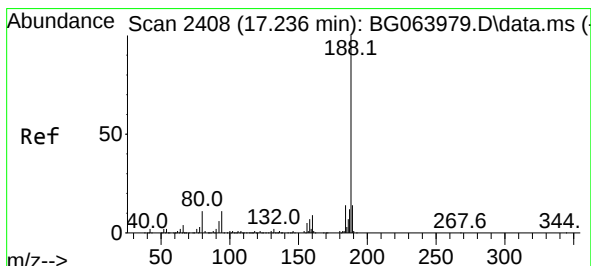
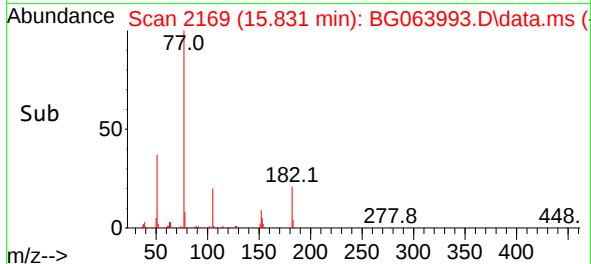
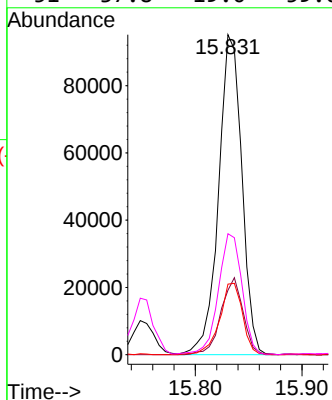
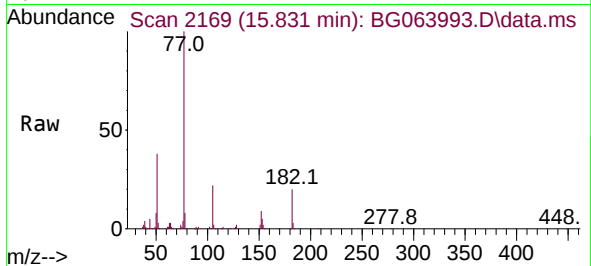




#63
Azobenzene
Concen: 8.410 ng
RT: 15.831 min Scan# 2170
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

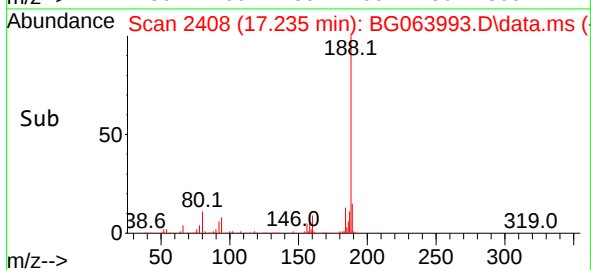
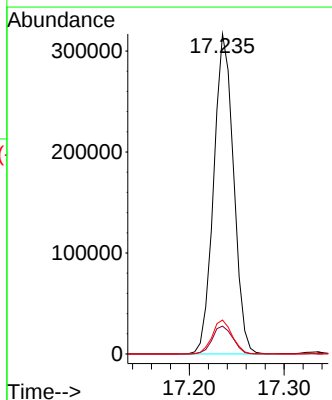
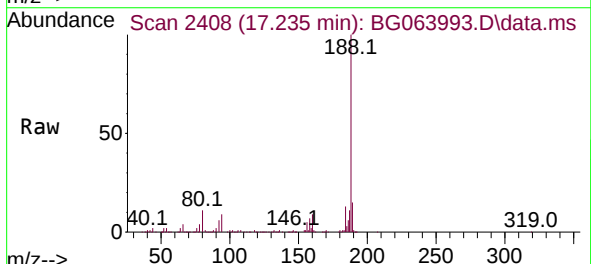
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

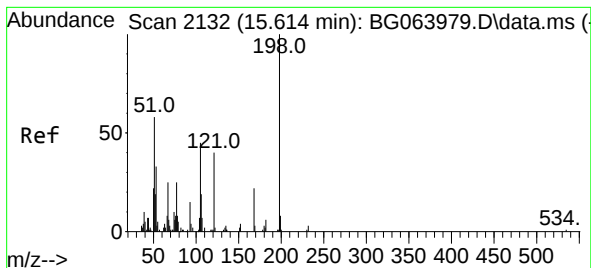
Tgt Ion: 77 Resp: 144122
Ion Ratio Lower Upper
77 100
182 20.2 2.3 42.3
105 22.1 1.0 41.0
51 37.8 19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.235 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:188 Resp: 462356
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 10.6 8.5 12.7

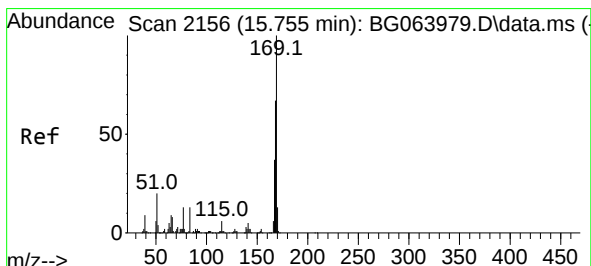
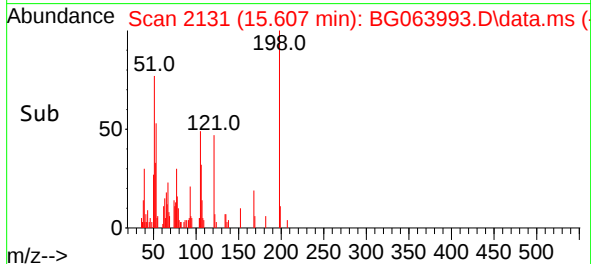
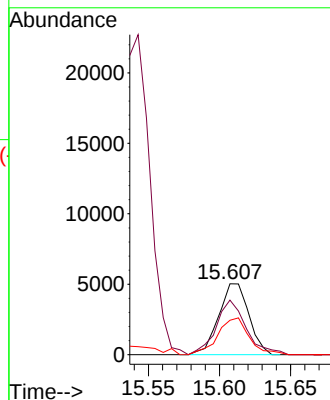
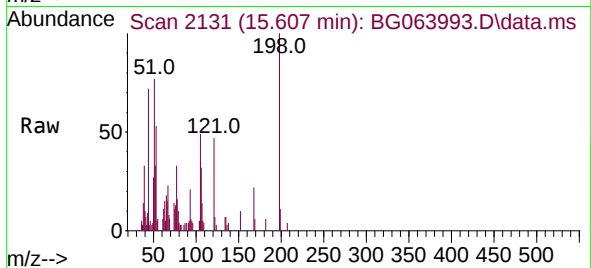




#65
4,6-Dinitro-2-methylphenol
Concen: 12.687 ng
RT: 15.607 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

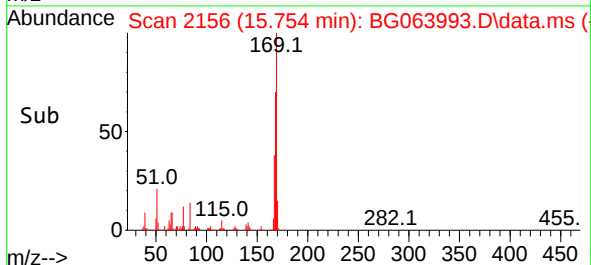
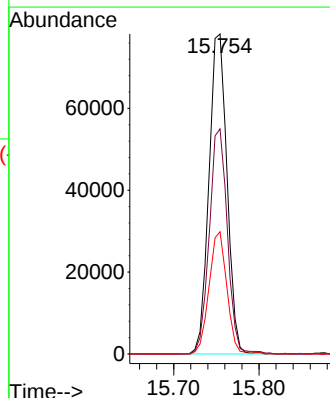
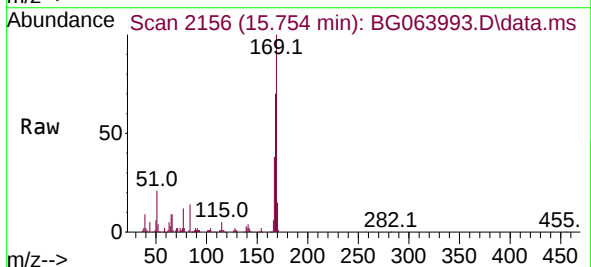
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

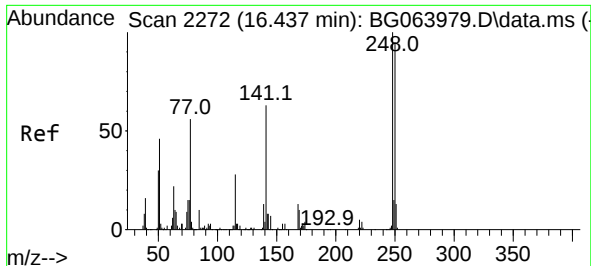
Tgt Ion:198 Resp: 7434
Ion Ratio Lower Upper
198 100
51 77.0 45.4 85.4
105 48.6 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 8.959 ng
RT: 15.754 min Scan# 2156
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:169 Resp: 114842
Ion Ratio Lower Upper
169 100
168 70.4 53.5 80.3
167 38.2 30.0 45.0

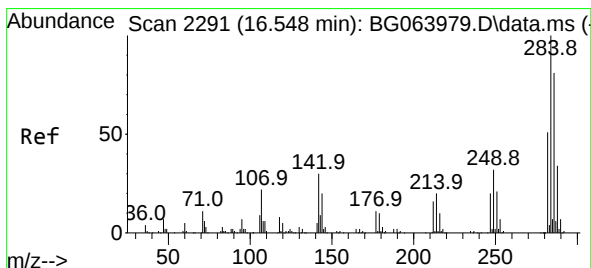
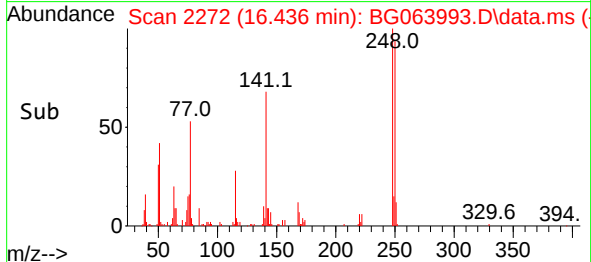
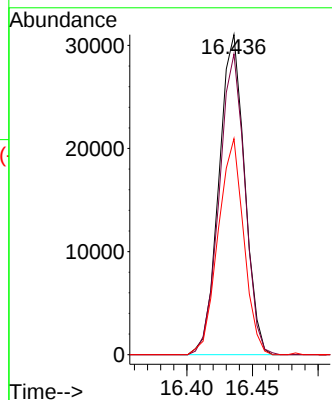
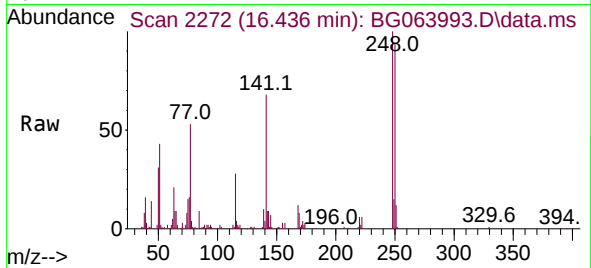




#67
4-Bromophenyl-phenylether
Concen: 9.168 ng
RT: 16.436 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

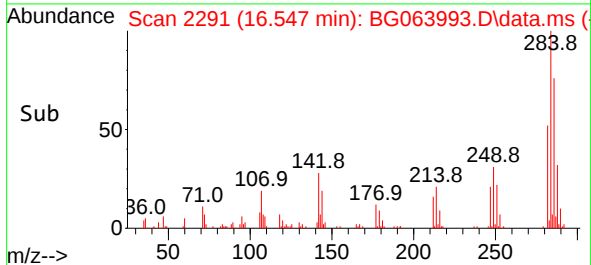
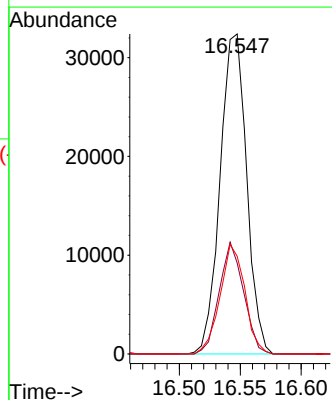
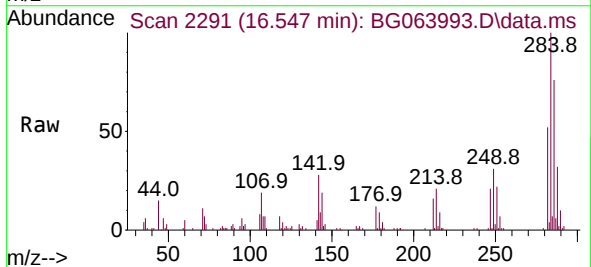
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

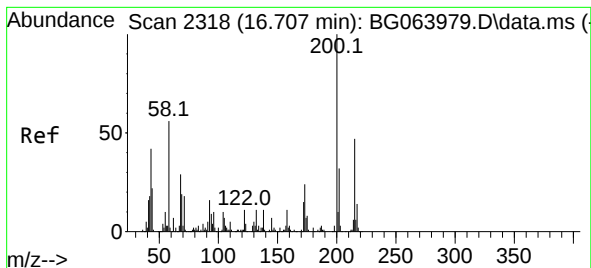
Tgt Ion:248 Resp: 42192
Ion Ratio Lower Upper
248 100
250 93.9 76.2 114.4
141 67.5 50.6 75.8



#68
Hexachlorobenzene
Concen: 9.076 ng
RT: 16.547 min Scan# 2291
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:284 Resp: 49103
Ion Ratio Lower Upper
284 100
142 28.5 23.8 35.8
249 30.6 25.9 38.9





#69

Atrazine

Concen: 9.583 ng

RT: 16.700 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

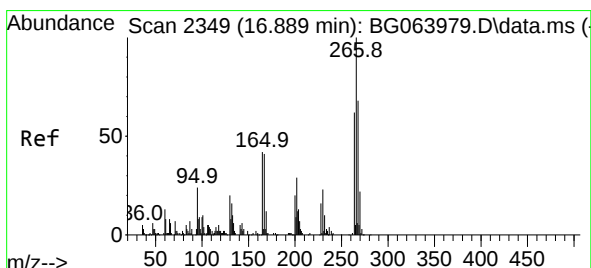
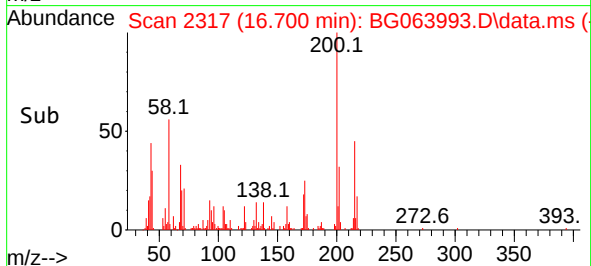
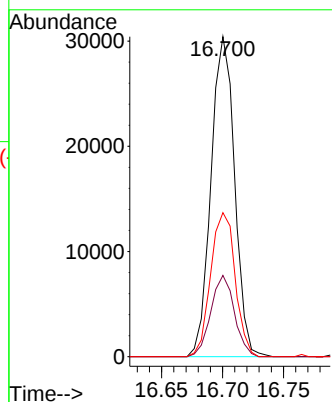
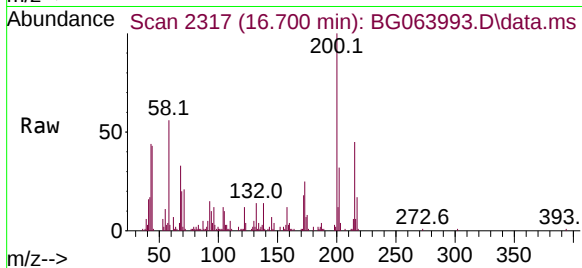
Tgt Ion:200 Resp: 40882

Ion Ratio Lower Upper

200 100

173 25.4 3.8 43.8

215 45.0 26.6 66.6



#70

Pentachlorophenol

Concen: 14.087 ng

RT: 16.882 min Scan# 2348

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

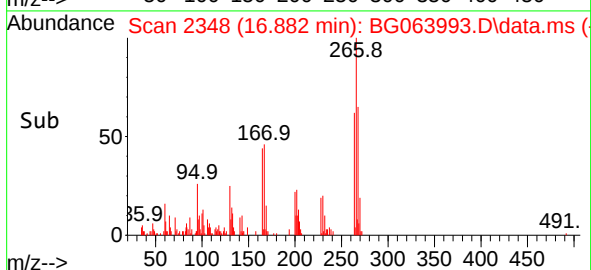
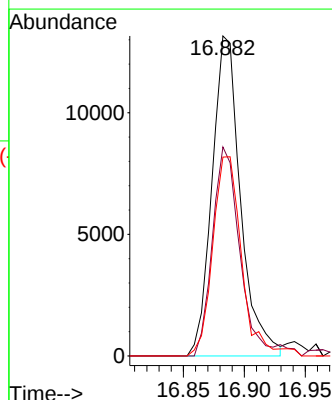
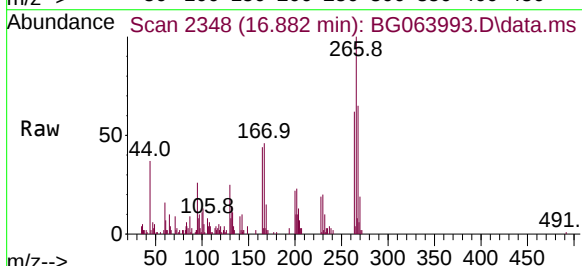
Tgt Ion:266 Resp: 21402

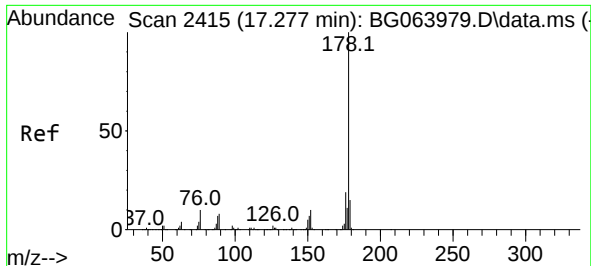
Ion Ratio Lower Upper

266 100

268 70.8 54.8 82.2

264 65.8 50.0 75.0

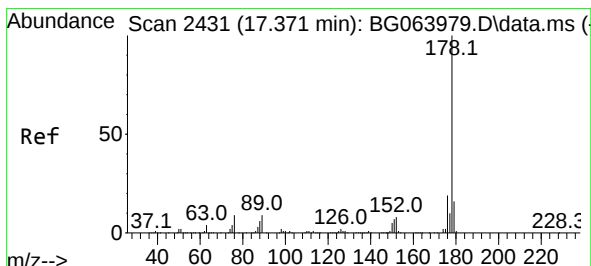
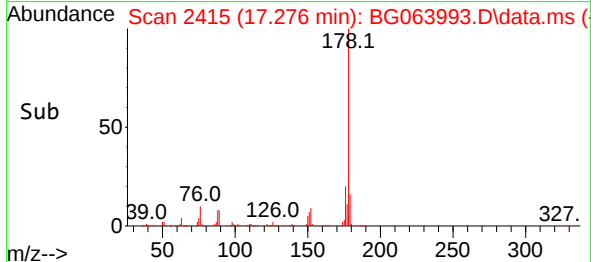
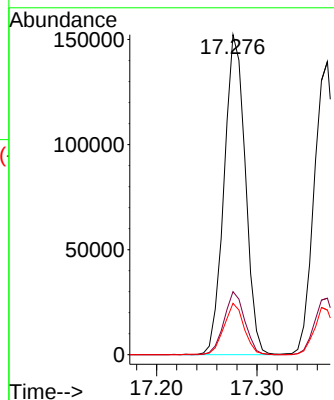
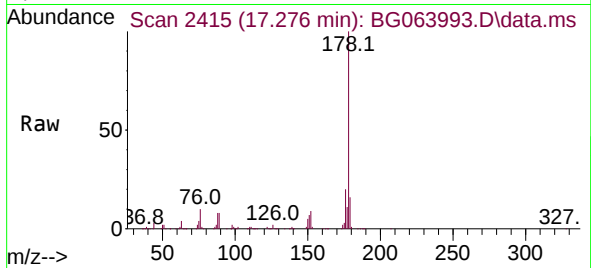




#71
Phenanthrene
Concen: 9.188 ng
RT: 17.276 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

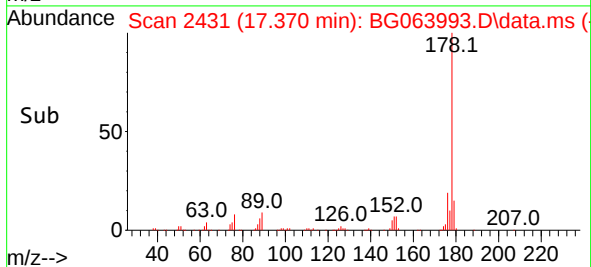
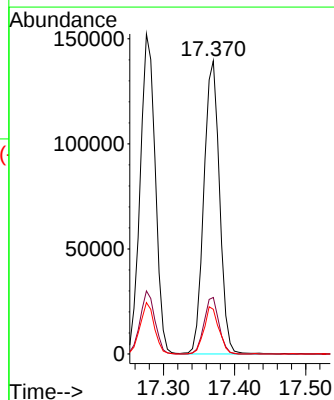
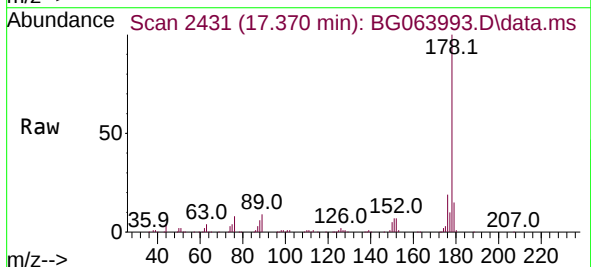
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

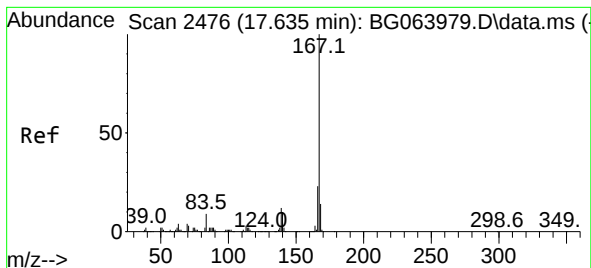
Tgt Ion:178 Resp: 223113
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.1 12.2 18.4



#72
Anthracene
Concen: 8.808 ng
RT: 17.370 min Scan# 2431
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:178 Resp: 214014
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.2 12.8 19.2





#73

Carbazole

Concen: 8.718 ng

RT: 17.634 min Scan# 2476

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

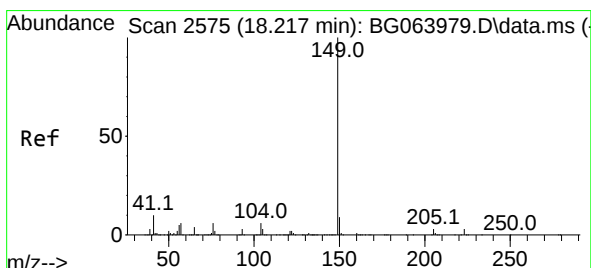
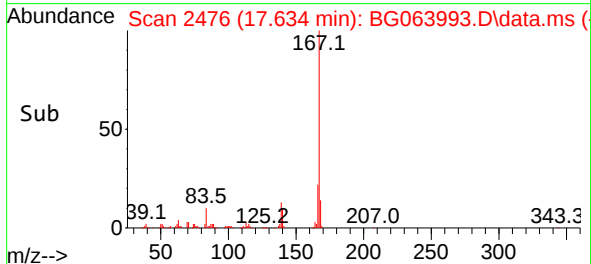
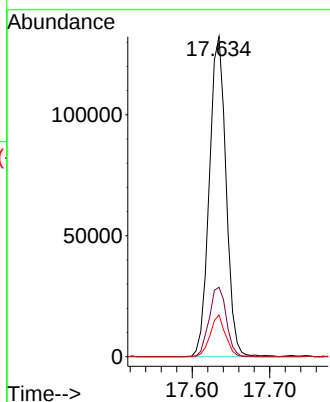
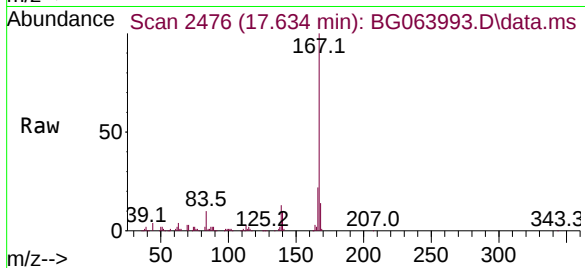
Tgt Ion:167 Resp: 198297

Ion Ratio Lower Upper

167 100

166 21.7 18.6 28.0

139 13.1 9.8 14.8



#74

Di-n-butylphthalate

Concen: 9.342 ng

RT: 18.216 min Scan# 2575

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

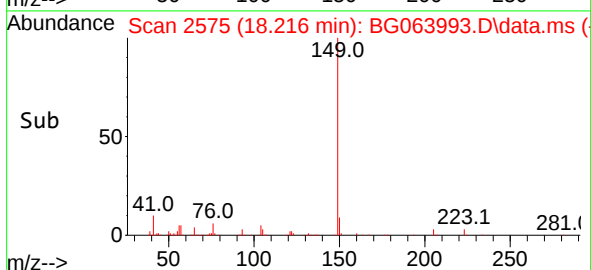
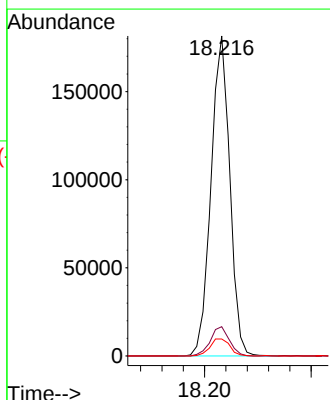
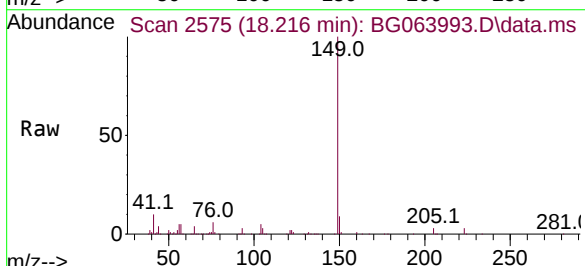
Tgt Ion:149 Resp: 221511

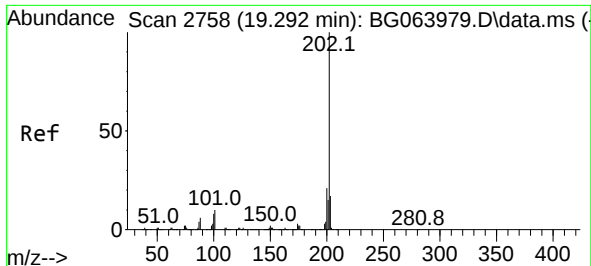
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.3 4.6 6.8

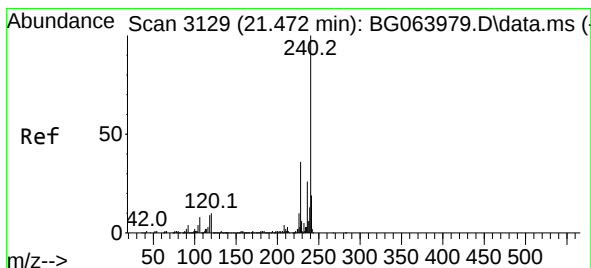
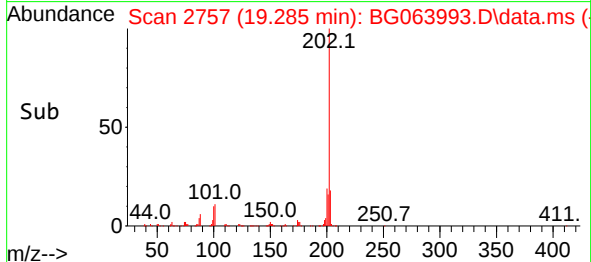
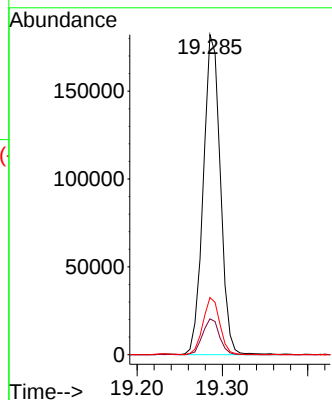
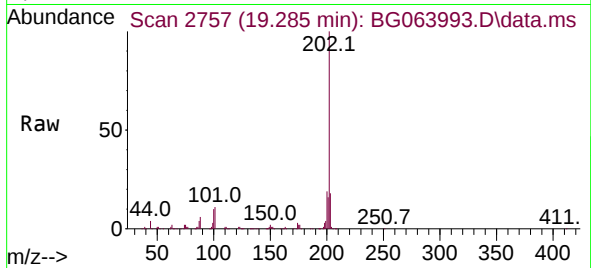




#75
Fluoranthene
Concen: 8.550 ng
RT: 19.285 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

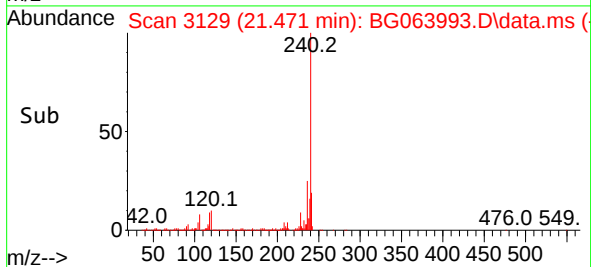
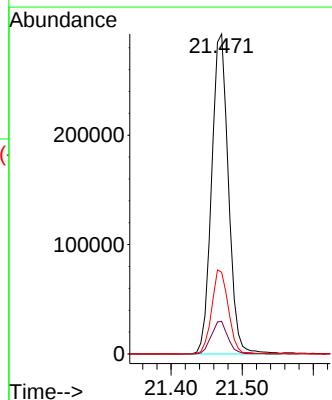
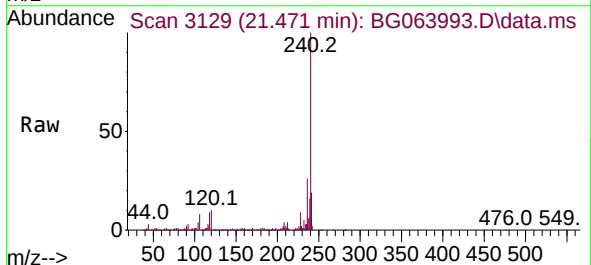
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

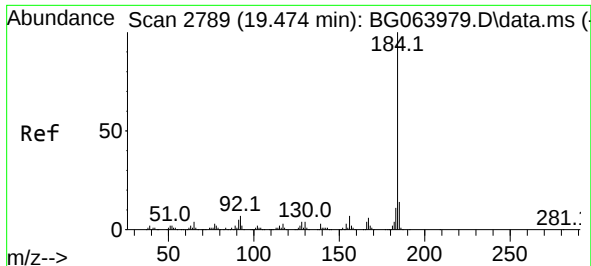
Tgt Ion:202 Resp: 252834
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.4
203 17.8 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.471 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:240 Resp: 480613
Ion Ratio Lower Upper
240 100
120 10.2 7.9 11.9
236 25.5 21.0 31.6

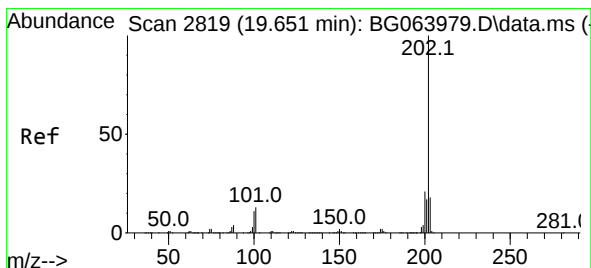
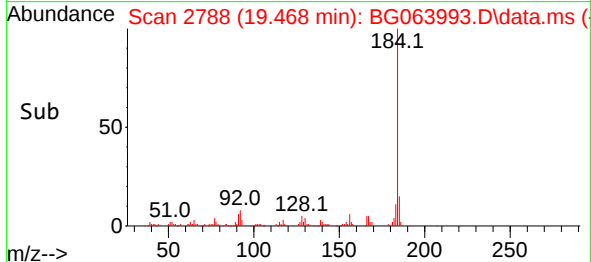
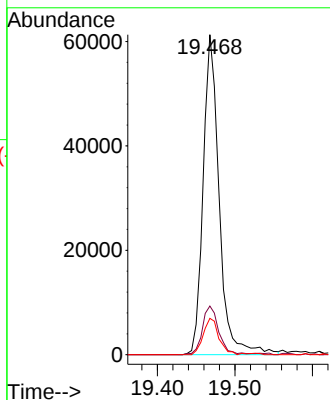
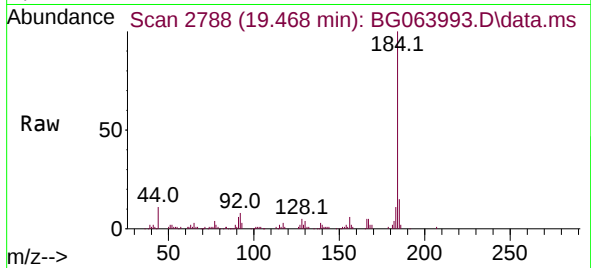




#77
Benzidine
Concen: 8.641 ng
RT: 19.468 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

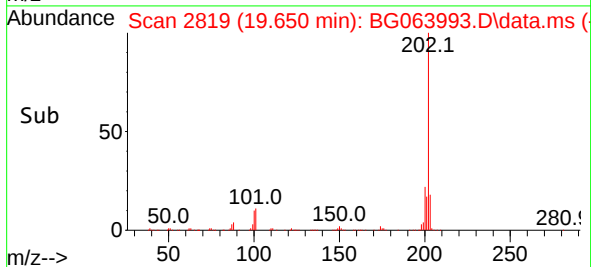
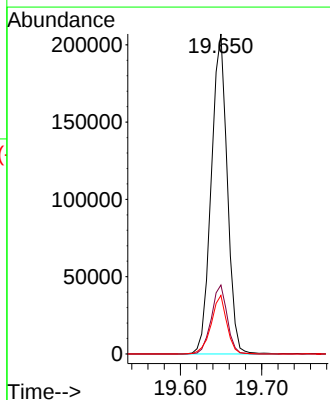
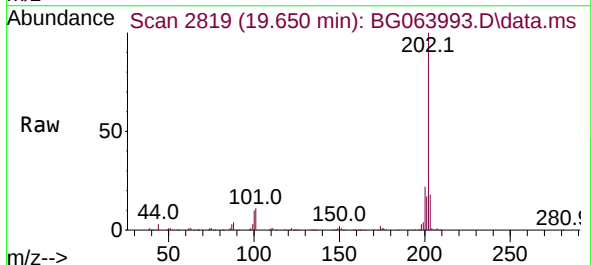
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

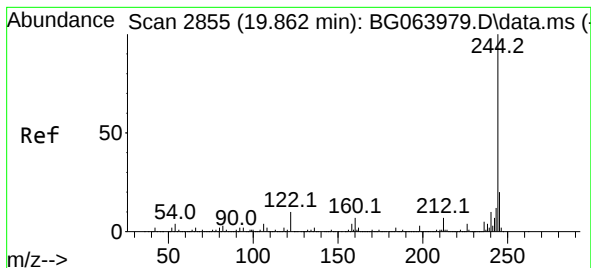
Tgt Ion:184 Resp: 88434
Ion Ratio Lower Upper
184 100
185 15.2 11.2 16.8
183 11.4 8.7 13.1



#78
Pyrene
Concen: 9.523 ng
RT: 19.650 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:202 Resp: 282558
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.3 14.5 21.7





#79

Terphenyl-d14

Concen: 90.673 ng

RT: 19.861 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG063993.D

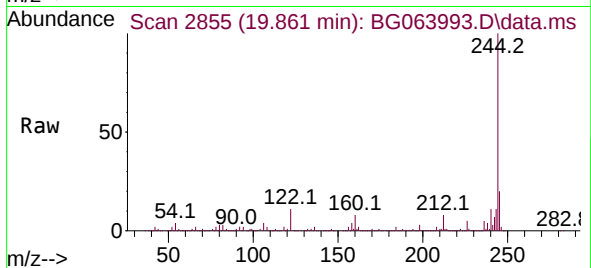
Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



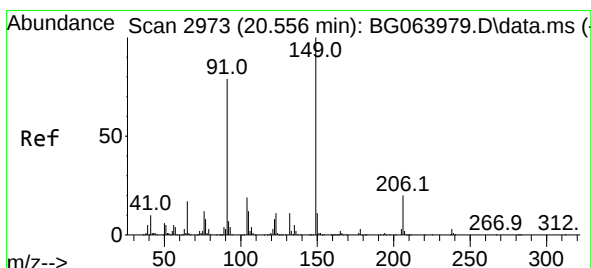
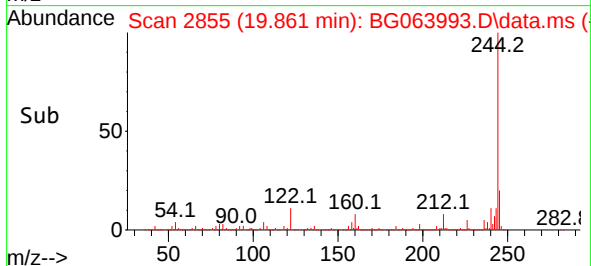
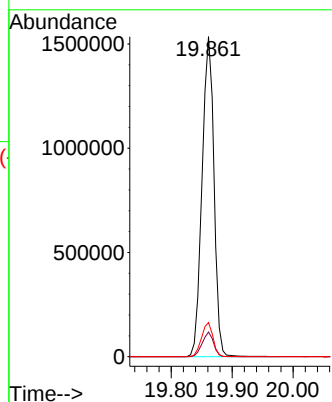
Tgt Ion:244 Resp: 2086636

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 10.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 12.783 ng

RT: 20.555 min Scan# 2973

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

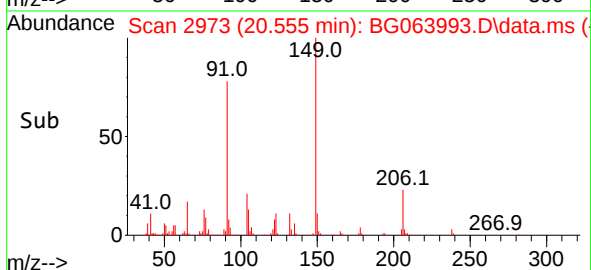
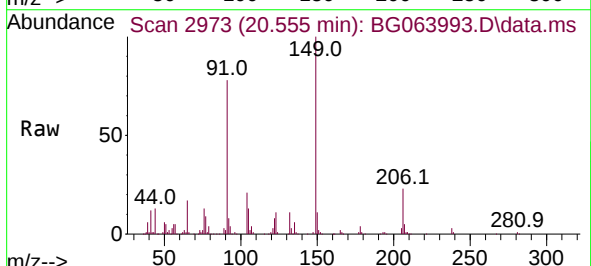
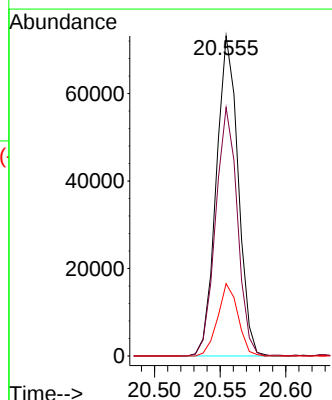
Tgt Ion:149 Resp: 84674

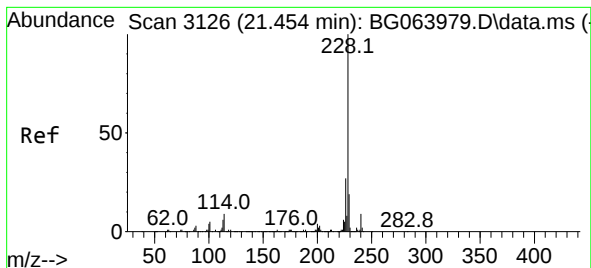
Ion Ratio Lower Upper

149 100

91 77.7 63.0 94.6

206 22.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 9.390 ng

RT: 21.448 min Scan# 3125

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

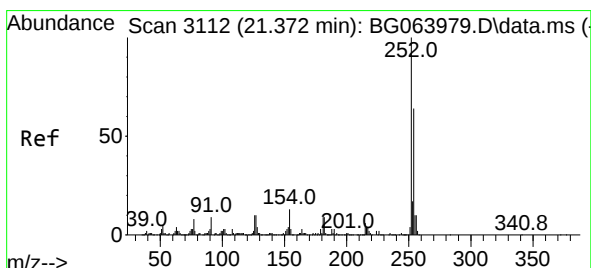
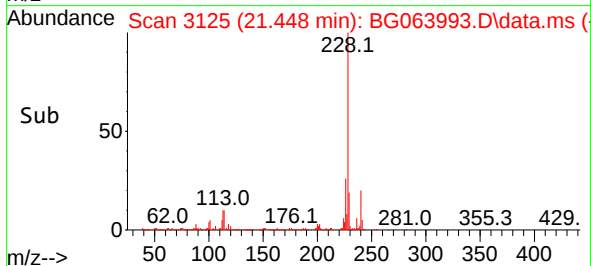
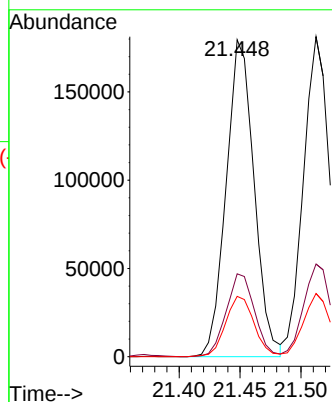
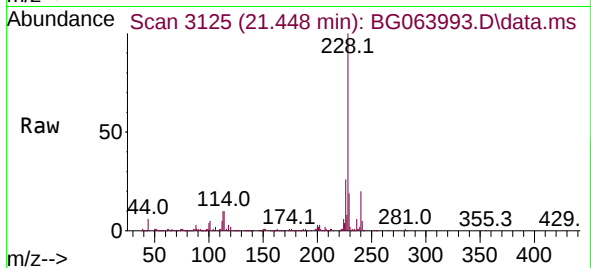
Tgt Ion:228 Resp: 286520

Ion Ratio Lower Upper

228 100

226 26.2 21.8 32.6

229 19.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 9.702 ng

RT: 21.371 min Scan# 3112

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

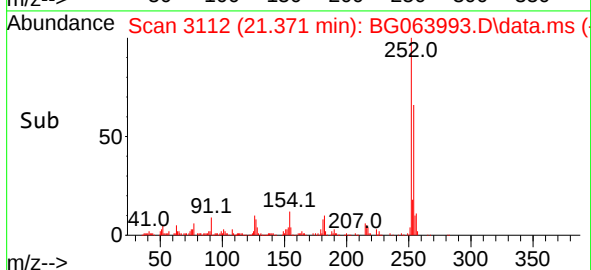
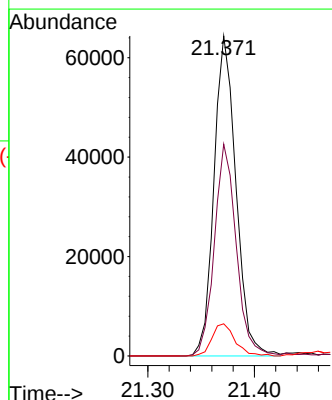
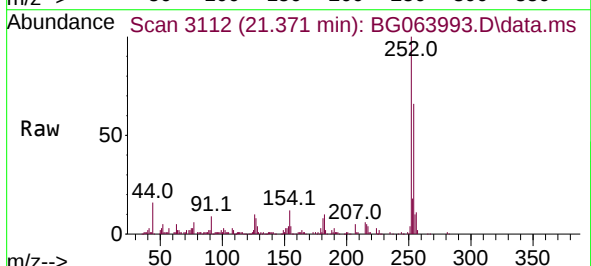
Tgt Ion:252 Resp: 92195

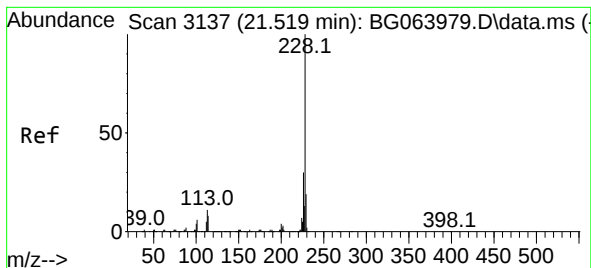
Ion Ratio Lower Upper

252 100

254 66.2 50.8 76.2

126 10.0 8.2 12.2





#83

Chrysene

Concen: 9.191 ng

RT: 21.512 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

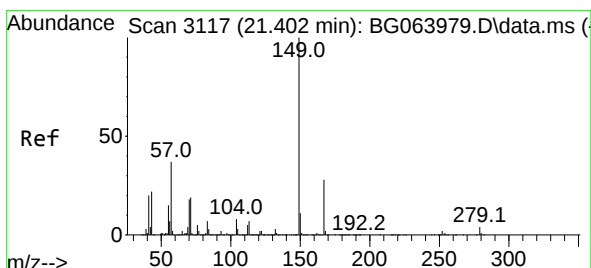
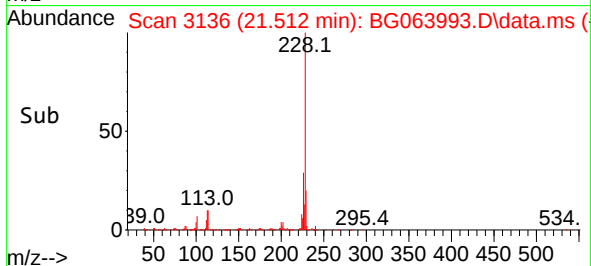
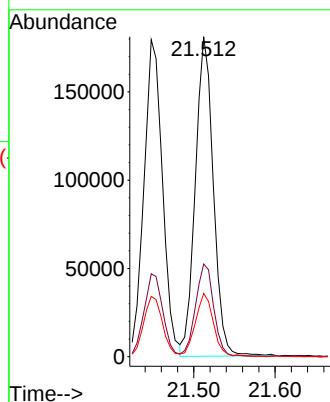
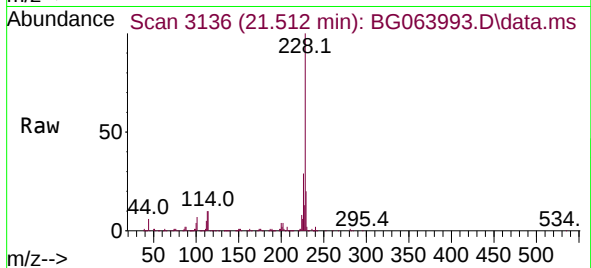
Tgt Ion:228 Resp: 279117

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.345 ng

RT: 21.395 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

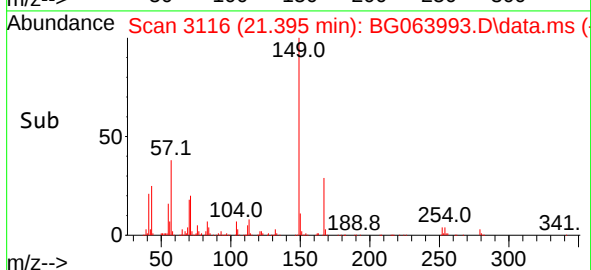
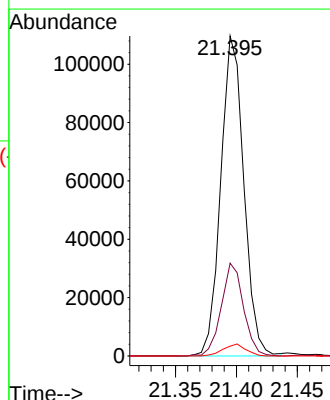
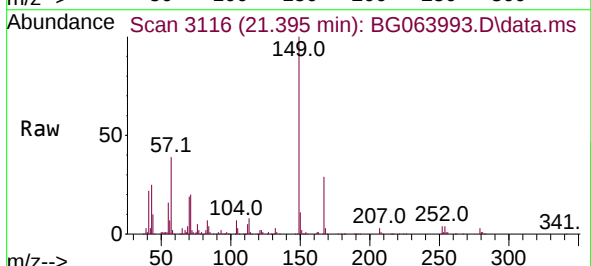
Tgt Ion:149 Resp: 144290

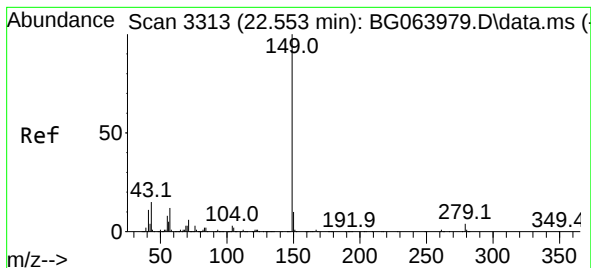
Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

279 3.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 14.227 ng

RT: 22.552 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

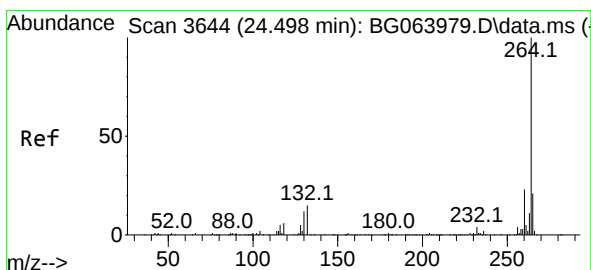
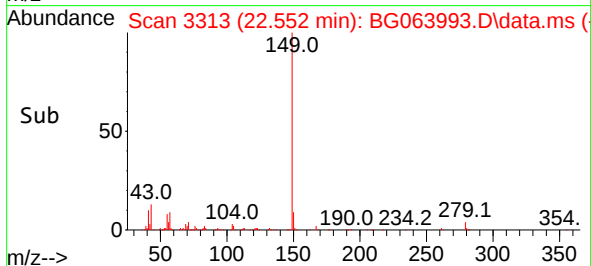
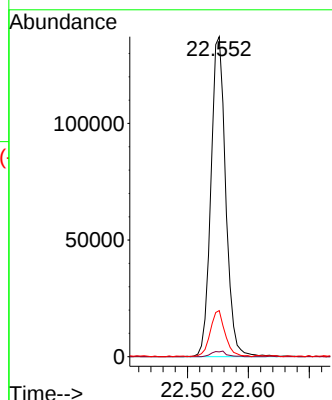
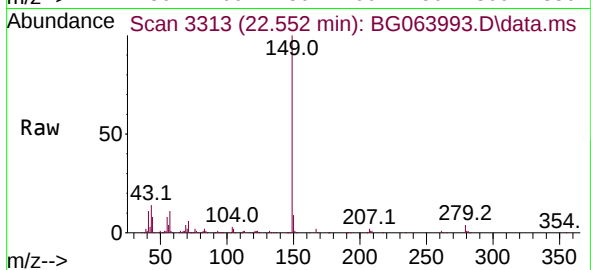
Tgt Ion:149 Resp: 231589

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 14.6 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.497 min Scan# 3644

Delta R.T. -0.001 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

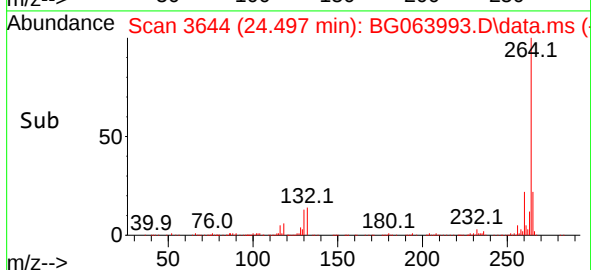
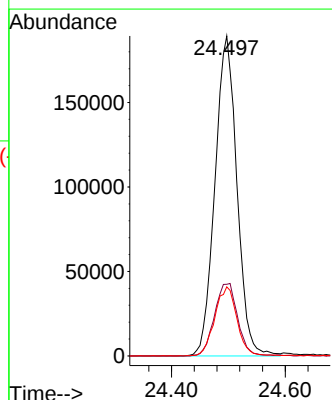
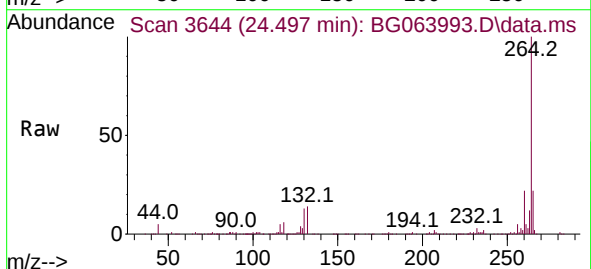
Tgt Ion:264 Resp: 508136

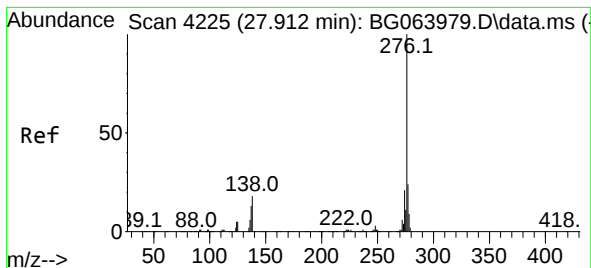
Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 21.6 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.306 ng

RT: 27.899 min Scan# 41

Delta R.T. -0.013 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

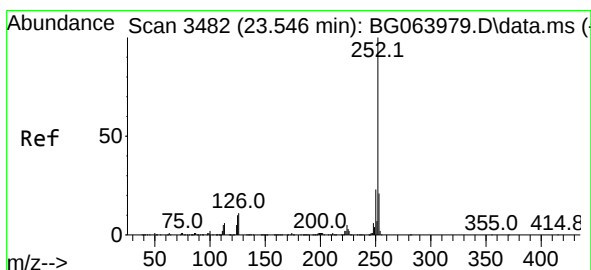
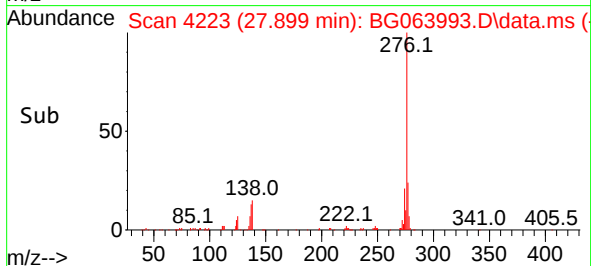
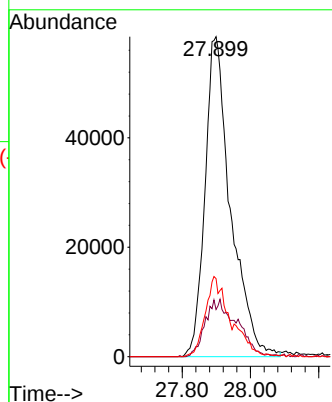
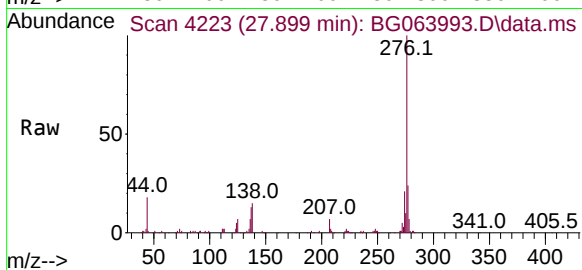
Tgt Ion:276 Resp: 305054

Ion Ratio Lower Upper

276 100

138 8.1 10.7 16.1#

277 19.5 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 8.740 ng

RT: 23.539 min Scan# 3481

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

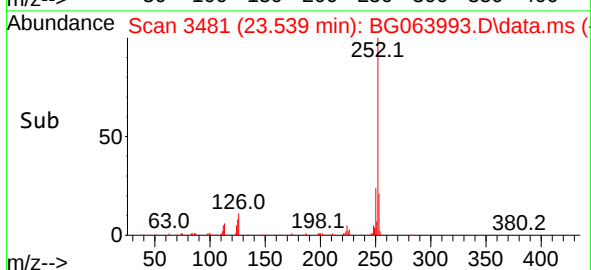
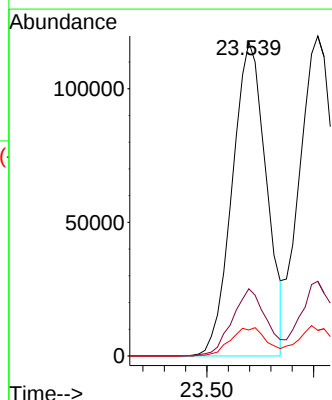
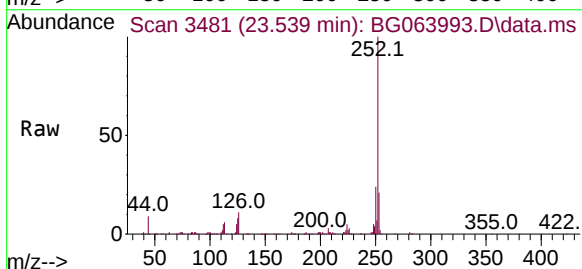
Tgt Ion:252 Resp: 261513

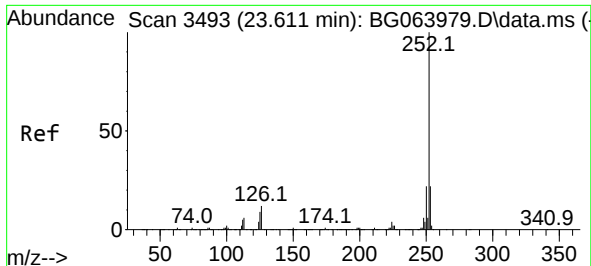
Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

125 8.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 8.978 ng

RT: 23.604 min Scan# 34

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

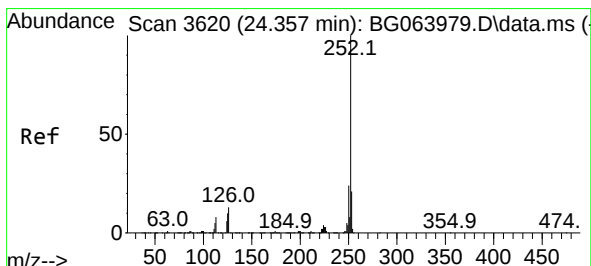
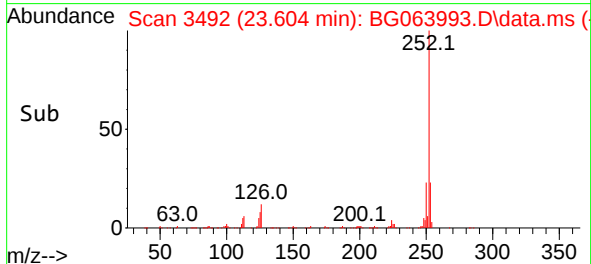
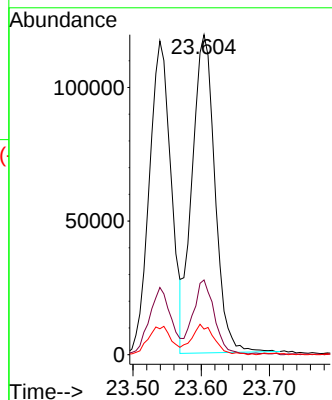
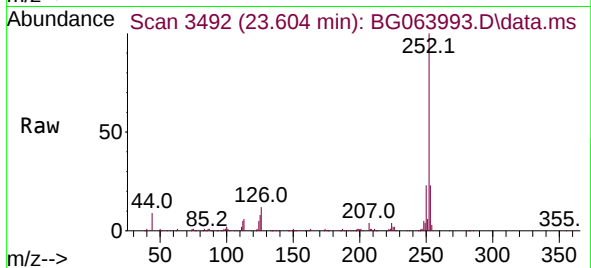
Tgt Ion:252 Resp: 275833

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 8.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 9.275 ng

RT: 24.350 min Scan# 3619

Delta R.T. -0.007 min

Lab File: BG063993.D

Acq: 4 Feb 2025 17:01

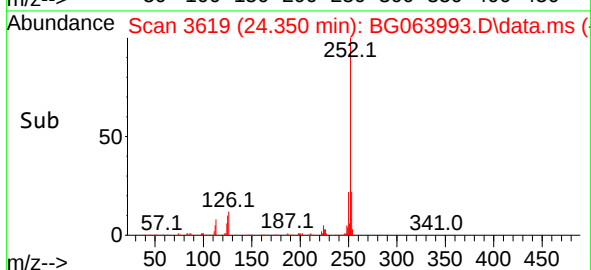
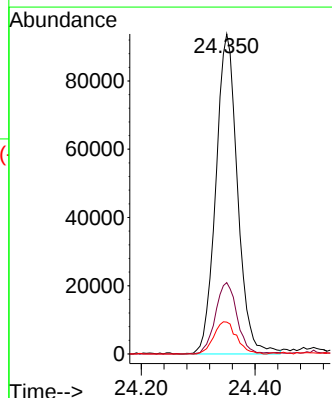
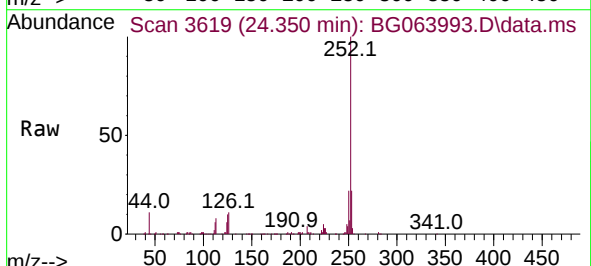
Tgt Ion:252 Resp: 247711

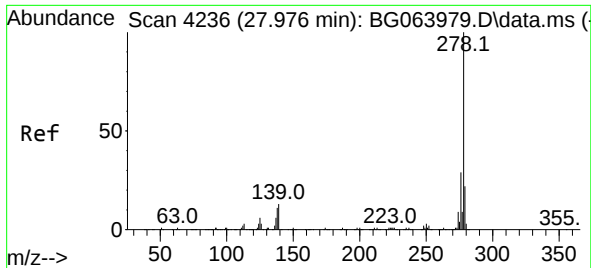
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 10.0 7.9 11.9

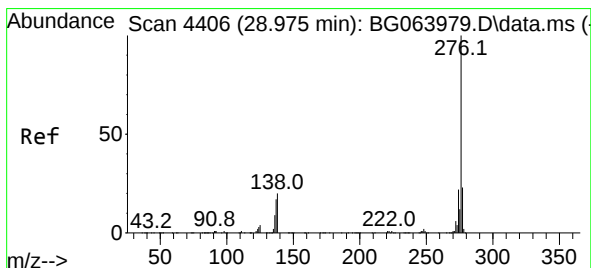
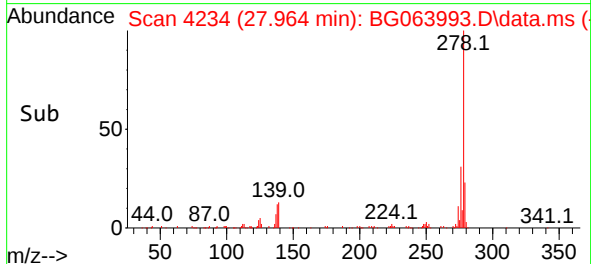
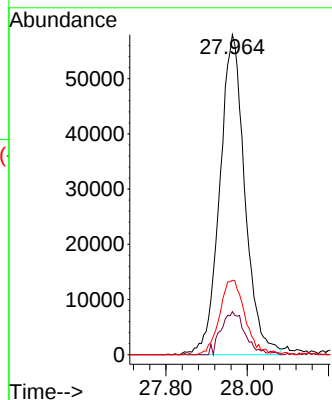
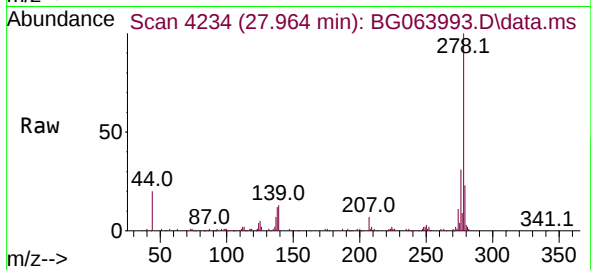




#91
Dibenzo(a,h)anthracene
Concen: 8.978 ng
RT: 27.964 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:278 Resp: 248502
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 23.2 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 8.676 ng
RT: 28.956 min Scan# 4403
Delta R.T. -0.019 min
Lab File: BG063993.D
Acq: 4 Feb 2025 17:01

Tgt Ion:276 Resp: 242447
Ion Ratio Lower Upper
276 100
277 20.5 18.2 27.4
138 20.2 15.8 23.6

