

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064270.D
 Acq On : 4 Sep 2025 2:43
 Operator : RC/JU
 Sample : Q2893-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Sep 04 04:22:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	38335	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	181849	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	130052	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	263032	20.000	ng	0.00
76) Chrysene-d12	21.446	240	239724	20.000	ng	0.00
86) Perylene-d12	24.454	264	257749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	288690	135.108	ng	0.00
7) Phenol-d6	7.027	99	432761	147.423	ng	0.00
23) Nitrobenzene-d5	9.007	82	335310	102.835	ng	0.00
42) 2,4,6-Tribromophenol	15.964	330	239787	139.201	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	854433	100.280	ng	0.00
79) Terphenyl-d14	19.836	244	1174894	102.253	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	4182	4.696	ng	91
3) Pyridine	3.755	79	10477	3.996	ng	# 58
4) n-Nitrosodimethylamine	3.666	42	7971	4.597	ng	# 90
6) Aniline	7.180	93	19013	4.684	ng	# 92
8) 2-Chlorophenol	7.421	128	11549	4.423	ng	86
9) Benzaldehyde	6.992	77	11330	4.690	ng	# 89
10) Phenol	7.051	94	14263	4.407	ng	92
11) bis(2-Chloroethyl)ether	7.280	93	10801	4.441	ng	91
12) 1,3-Dichlorobenzene	7.744	146	12889	4.640	ng	95
13) 1,4-Dichlorobenzene	7.744	146	12889	4.598	ng	98
14) 1,2-Dichlorobenzene	8.202	146	13100	4.842	ng	93
15) Benzyl Alcohol	8.085	79	12300	4.540	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.378	45	22943	4.132	ng	94
17) 2-Methylphenol	8.290	107	10120	4.196	ng	# 86
18) Hexachloroethane	8.931	117	4804	4.390	ng	89
19) n-Nitroso-di-n-propyla...	8.655	70	10427	4.641	ng	# 93
20) 3+4-Methylphenols	8.619	107	13946	4.161	ng	89
22) Acetophenone	8.666	105	21140	4.595	ng	# 97
24) Nitrobenzene	9.048	77	16350	4.799	ng	# 97
25) Isophorone	9.565	82	29936	4.417	ng	97
26) 2-Nitrophenol	9.759	139	6260	4.253	ng	# 75
27) 2,4-Dimethylphenol	9.818	122	11639	4.503	ng	92
28) bis(2-Chloroethoxy)met...	10.053	93	15954	4.366	ng	98
29) 2,4-Dichlorophenol	10.294	162	11241	4.122	ng	92
30) 1,2,4-Trichlorobenzene	10.505	180	13655	4.749	ng	93
31) Naphthalene	10.688	128	41392	4.389	ng	# 95
33) 4-Chloroaniline	10.799	127	16803	4.597	ng	93
34) Hexachlorobutadiene	10.975	225	9881	4.649	ng	95
35) Caprolactam	11.545	113	3598	3.408	ng	94
36) 4-Chloro-3-methylphenol	11.921	107	15378	4.346	ng	92
37) 2-Methylnaphthalene	12.303	142	27788	3.964	ng	99
38) 1-Methylnaphthalene	12.521	142	30320	4.379	ng	97
40) 1,2,4,5-Tetrachloroben...	12.668	216	17275	4.604	ng	97
41) Hexachlorocyclopentadiene	12.656	237	8337	4.675	ng	90
43) 2,4,6-Trichlorophenol	12.908	196	10617	4.233	ng	95
44) 2,4,5-Trichlorophenol	12.979	196	12105	4.449	ng	# 92

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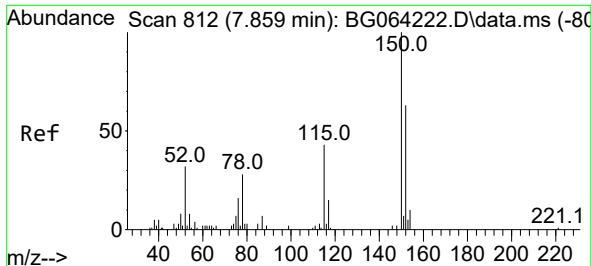
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Quant Time: Sep 04 04:22:04 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.314	154	44988	4.749	ng	91
47) 2-Chloronaphthalene	13.349	162	31624	4.441	ng	96
48) 2-Nitroaniline	13.555	65	10117	4.168	ng	95
49) Acenaphthylene	14.195	152	49763	4.727	ng	95
50) Dimethylphthalate	13.931	163	42531	4.321	ng	# 96
51) 2,6-Dinitrotoluene	14.042	165	8561	4.492	ng	97
52) Acenaphthene	14.542	154	32474	4.371	ng	98
53) 3-Nitroaniline	14.377	138	7340	3.677	ng	98
54) 2,4-Dinitrophenol	14.583	184	2814	7.752	ng	# 79
55) Dibenzofuran	14.877	168	52592	4.501	ng	92
56) 4-Nitrophenol	14.683	139	4191	2.559	ng	# 85
57) 2,4-Dinitrotoluene	14.836	165	12079	4.192	ng	# 95
58) Fluorene	15.523	166	43583	4.551	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.106	232	11141	4.258	ng	# 97
60) Diethylphthalate	15.300	149	39338	3.734	ng	98
61) 4-Chlorophenyl-phenyle...	15.517	204	20665	4.328	ng	96
62) 4-Nitroaniline	15.535	138	6306	3.096	ng	93
63) Azobenzene	15.817	77	41066	4.374	ng	96
65) 4,6-Dinitro-2-methylph...	15.594	198	6052	4.008	ng	# 75
66) n-Nitrosodiphenylamine	15.735	169	34589	4.780	ng	95
67) 4-Bromophenyl-phenylether	16.416	248	13986	5.006	ng	87
68) Hexachlorobenzene	16.528	284	15612	5.032	ng	96
69) Atrazine	16.681	200	11419	3.780	ng	93
70) Pentachlorophenol	16.874	266	6549	3.481	ng	98
71) Phenanthrene	17.256	178	64582	4.655	ng	99
72) Anthracene	17.350	178	63437	4.495	ng	99
73) Carbazole	17.615	167	48853	3.930	ng	# 91
74) Di-n-butylphthalate	18.185	149	57927	3.878	ng	99
75) Fluoranthene	19.272	202	61714	3.783	ng	97
77) Benzidine	19.448	184	23652	4.690	ng	# 91
78) Pyrene	19.630	202	64714	4.285	ng	98
80) Butylbenzylphthalate	20.529	149	25840	4.536	ng	92
81) Benzo(a)anthracene	21.428	228	71170	4.641	ng	96
82) 3,3'-Dichlorobenzidine	21.352	252	23710	4.747	ng	99
83) Chrysene	21.487	228	67388	4.577	ng	96
84) Bis(2-ethylhexyl)phtha...	21.352	149	39432	4.611	ng	97
85) Di-n-octyl phthalate	22.491	149	68462	4.594	ng	98
87) Indeno(1,2,3-cd)pyrene	27.820	276	79268	4.503	ng	# 73
88) Benzo(b)fluoranthene	23.502	252	67415	4.634	ng	97
89) Benzo(k)fluoranthene	23.561	252	66715	4.502	ng	95
90) Benzo(a)pyrene	24.307	252	65189	4.817	ng	99
91) Dibenzo(a,h)anthracene	27.891	278	64264	4.547	ng	98
92) Benzo(g,h,i)perylene	28.878	276	63867	4.644	ng	96

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

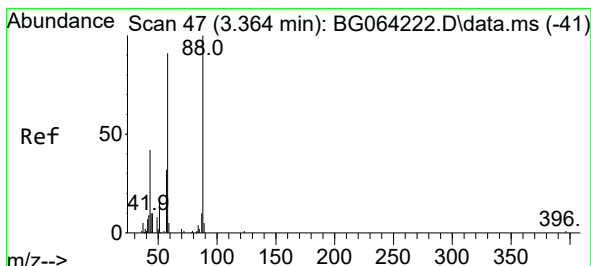
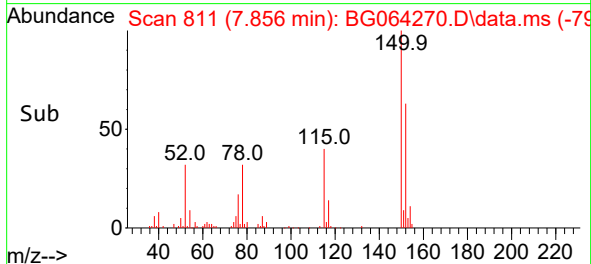
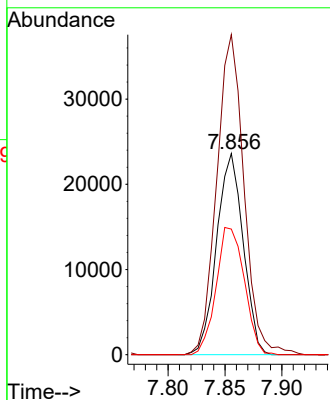
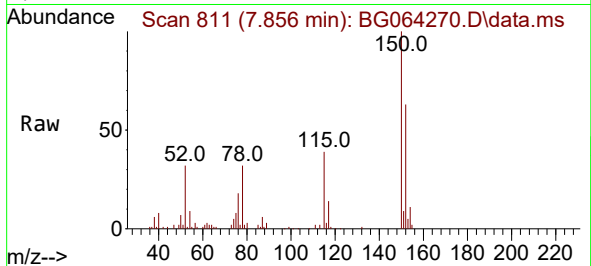
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

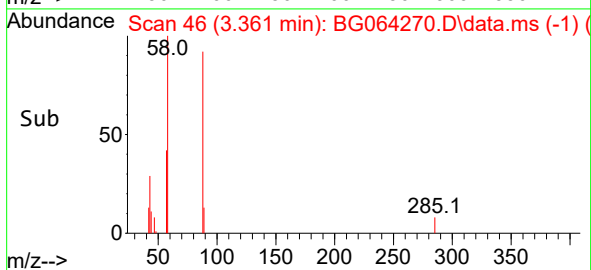
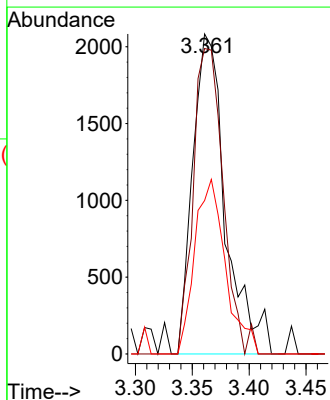
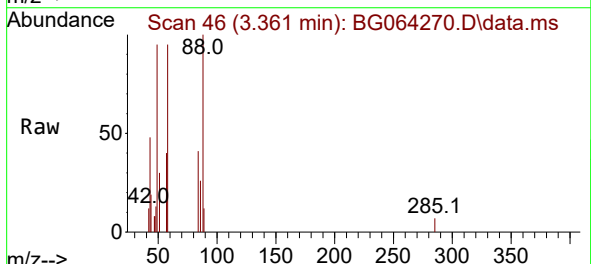
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

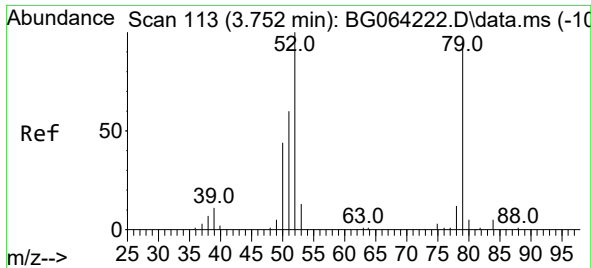
Tgt Ion:152 Resp: 38335
Ion Ratio Lower Upper
152 100
150 159.1 128.0 192.0
115 62.5 55.7 83.5



#2
1,4-Dioxane
Concen: 4.696 ng
RT: 3.361 min Scan# 46
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 88 Resp: 4182
Ion Ratio Lower Upper
88 100
58 87.2 80.8 121.2
43 51.1 40.3 60.5

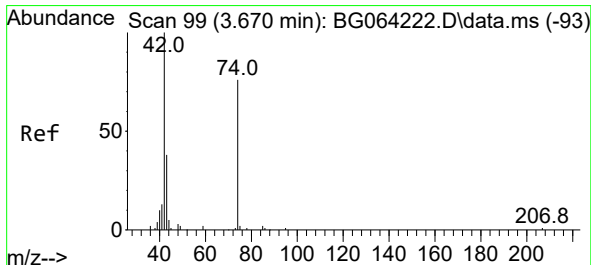
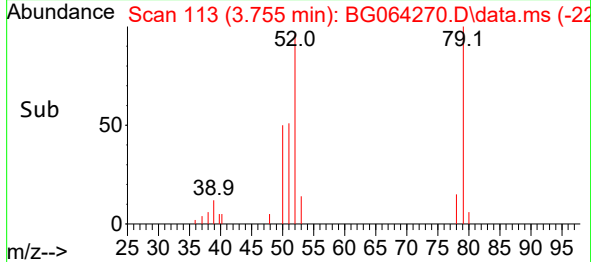
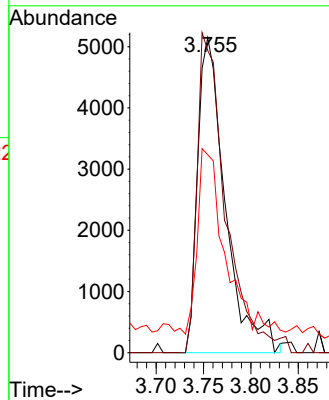
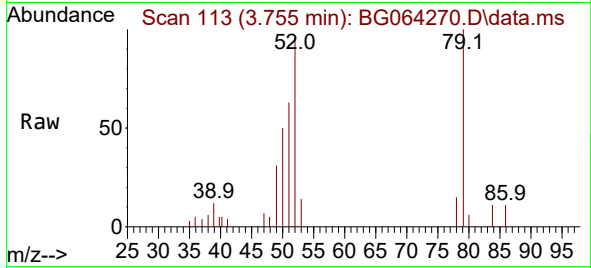




#3
Pyridine
Concen: 3.996 ng
RT: 3.755 min Scan# 113
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

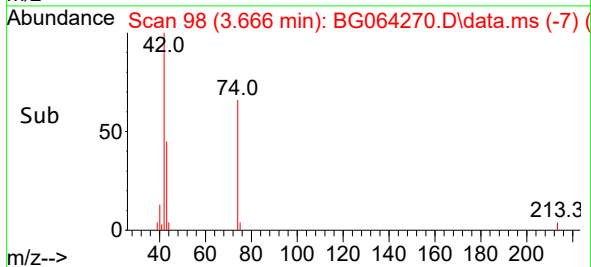
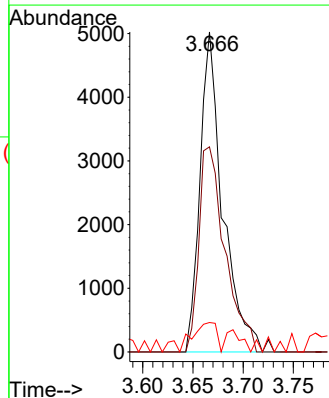
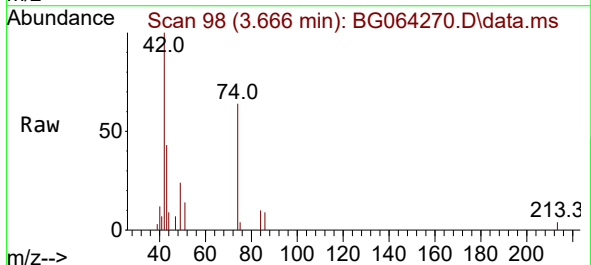
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

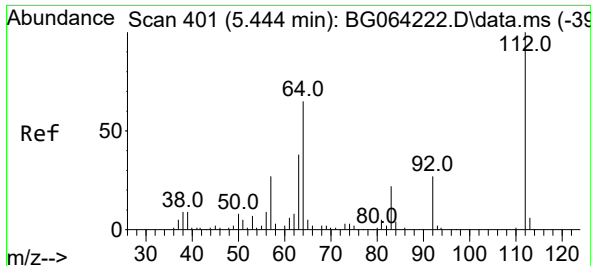
Tgt Ion: 79 Resp: 10477
Ion Ratio Lower Upper
79 100
52 96.0 86.6 129.8
51 62.8 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 4.597 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 42 Resp: 7971
Ion Ratio Lower Upper
42 100
74 64.1 58.0 87.0
44 9.2 5.5 8.3#

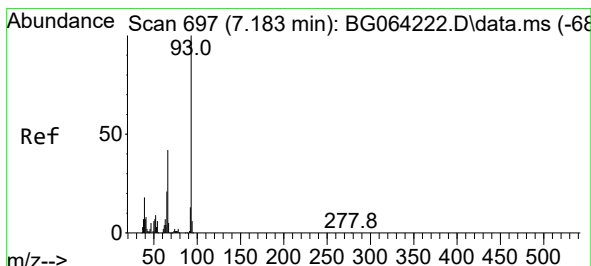
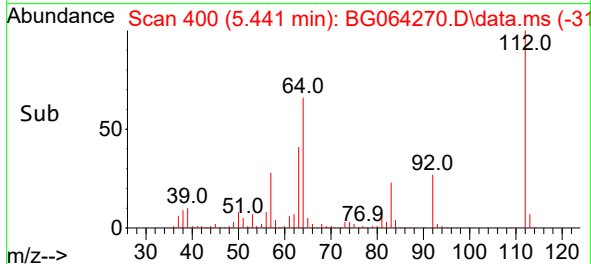
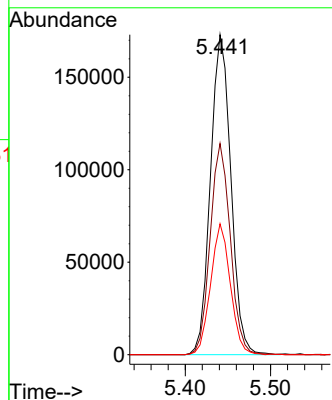
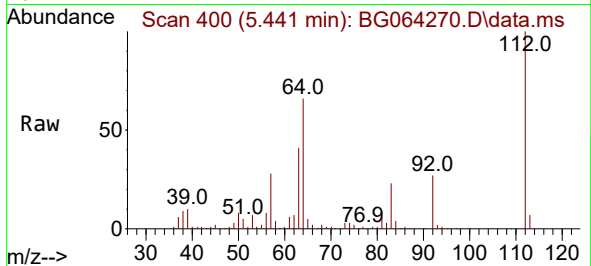




#5
2-Fluorophenol
Concen: 135.108 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

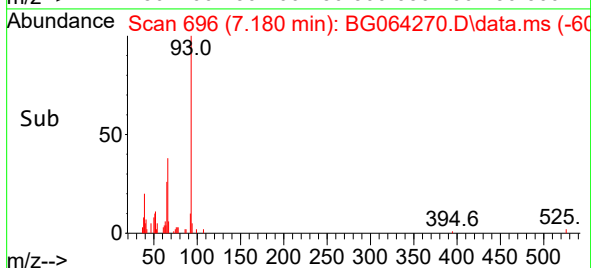
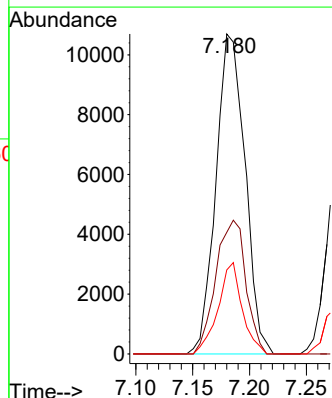
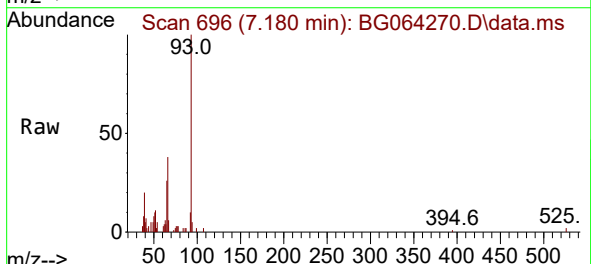
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

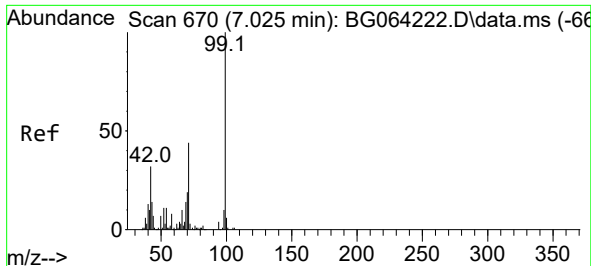
Tgt Ion:112 Resp: 288690
Ion Ratio Lower Upper
112 100
64 66.0 51.8 77.6
63 40.9 30.6 45.8



#6
Aniline
Concen: 4.684 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 93 Resp: 19013
Ion Ratio Lower Upper
93 100
66 38.0 33.8 50.8
65 26.2 16.9 25.3#

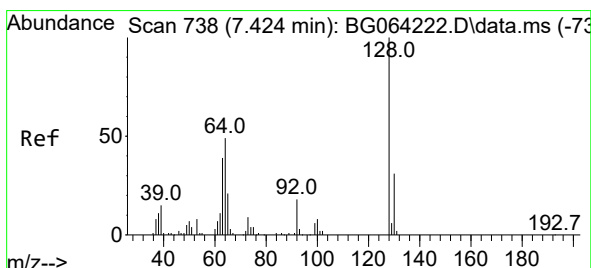
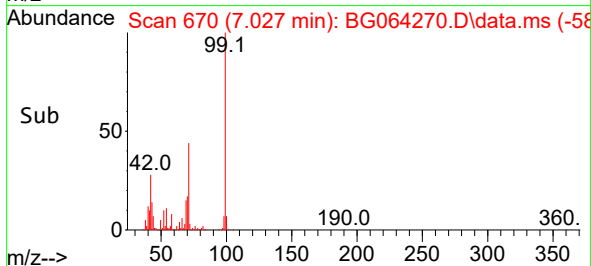
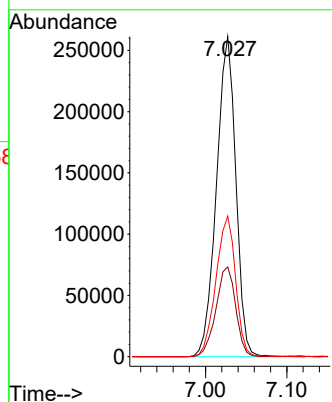
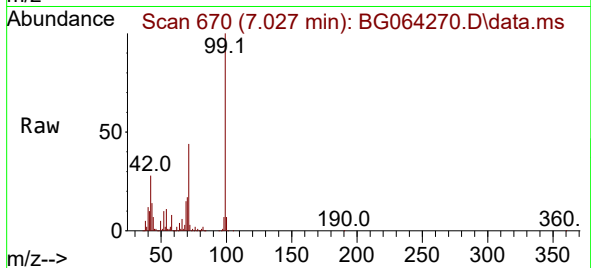




#7
Phenol-d6
Concen: 147.423 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

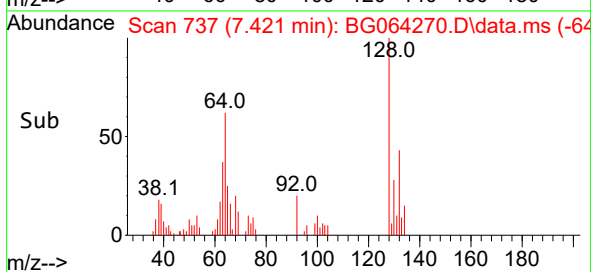
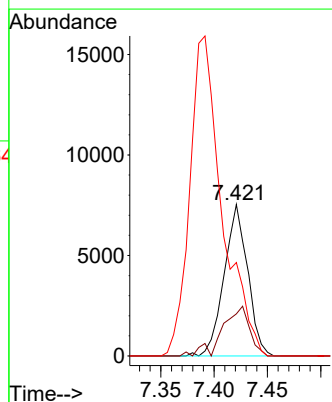
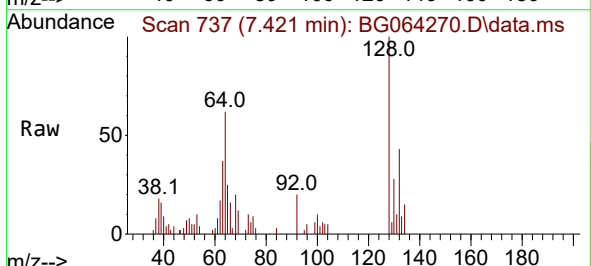
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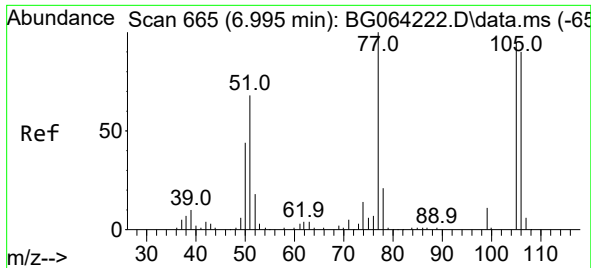
Tgt Ion: 99 Resp: 432761
Ion Ratio Lower Upper
99 100
42 28.1 25.8 38.8
71 44.0 35.2 52.8



#8
2-Chlorophenol
Concen: 4.423 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:128 Resp: 11549
Ion Ratio Lower Upper
128 100
130 27.7 10.9 50.9
64 61.7 28.7 68.7

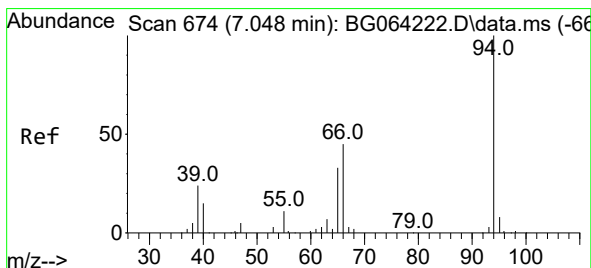
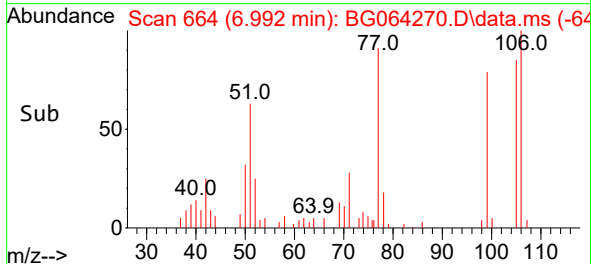
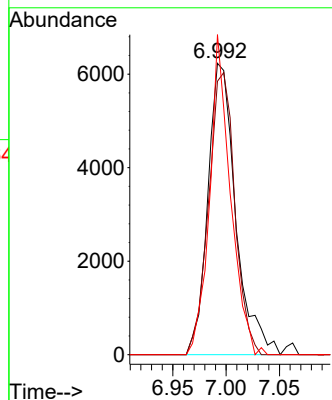
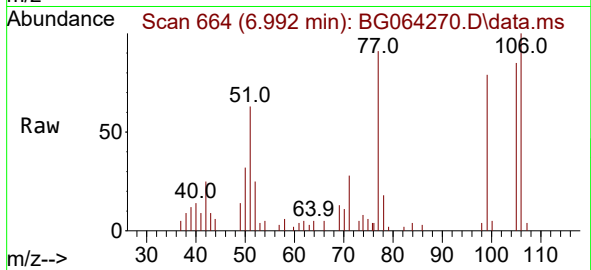




#9
Benzaldehyde
Concen: 4.690 ng
RT: 6.992 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

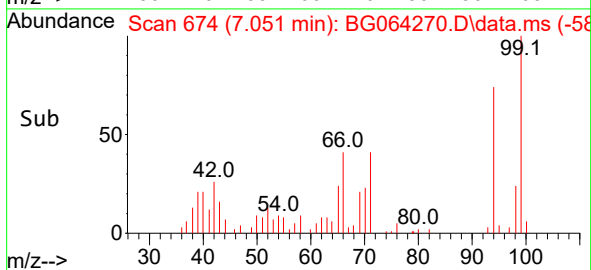
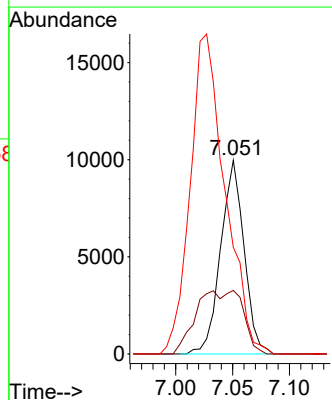
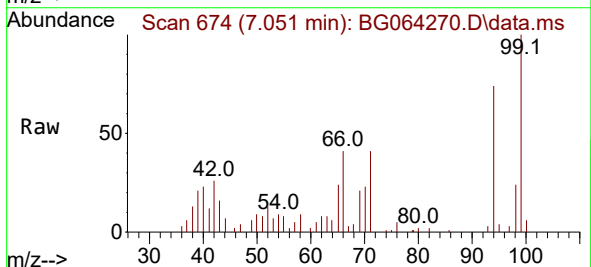
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

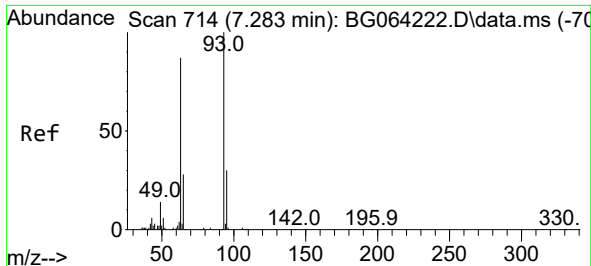
Tgt Ion: 77 Resp: 11330
Ion Ratio Lower Upper
77 100
105 93.8 75.2 115.2
106 109.8 69.6 109.6#



#10
Phenol
Concen: 4.407 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 94 Resp: 14263
Ion Ratio Lower Upper
94 100
65 32.8 13.5 53.5
66 55.0 26.2 66.2

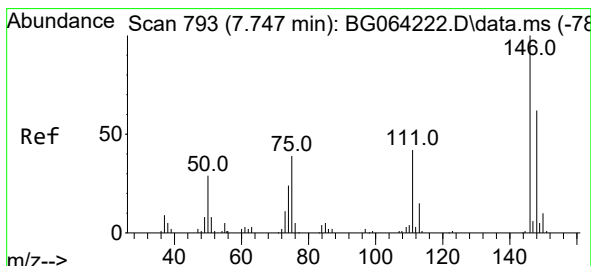
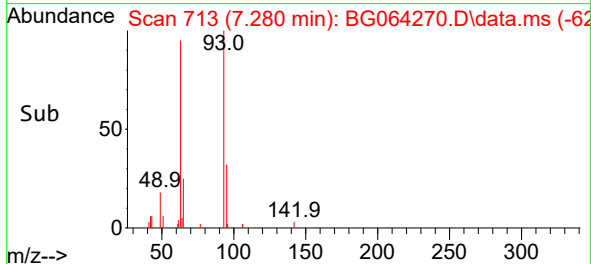
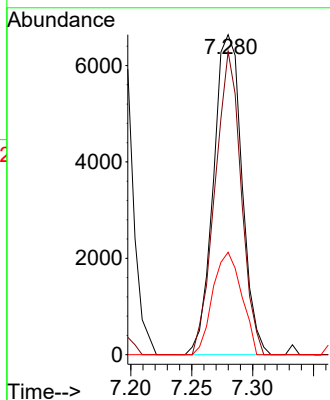
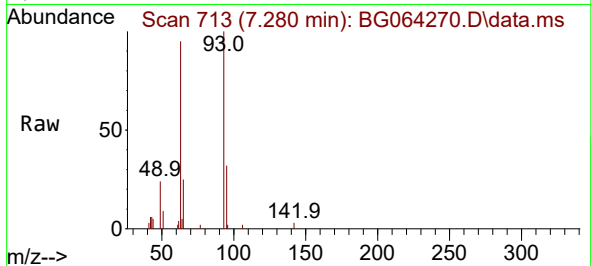




#11
bis(2-Chloroethyl)ether
Concen: 4.441 ng
RT: 7.280 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

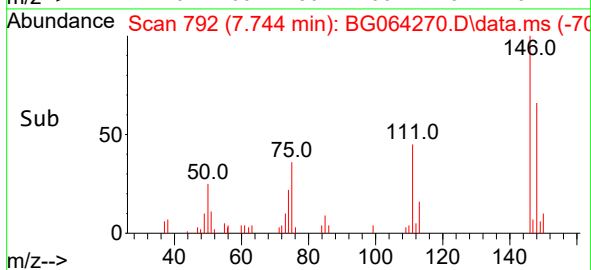
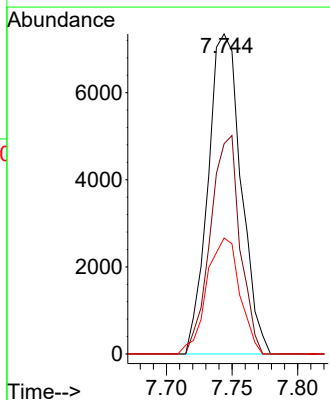
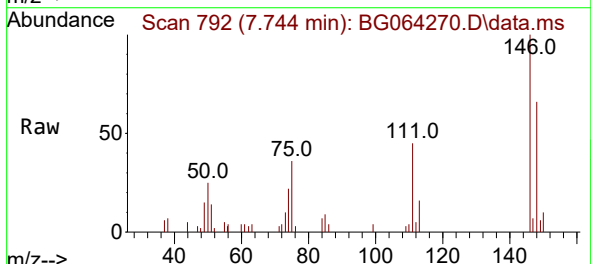
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

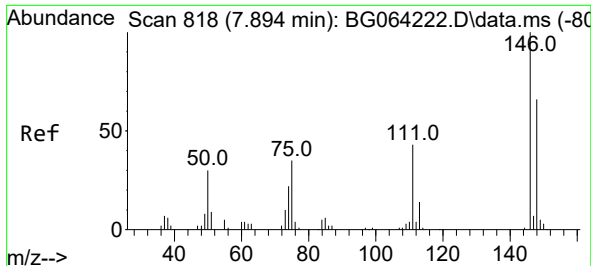
Tgt Ion: 93 Resp: 10801
Ion Ratio Lower Upper
93 100
63 94.7 66.2 106.2
95 34.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 4.640 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:146 Resp: 12889
Ion Ratio Lower Upper
146 100
148 65.7 49.6 74.4
75 36.3 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 4.598 ng

RT: 7.744 min Scan# 792

Delta R.T. -0.150 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

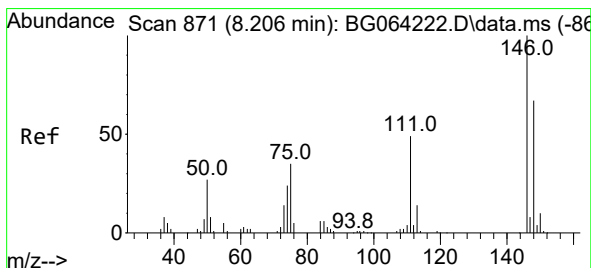
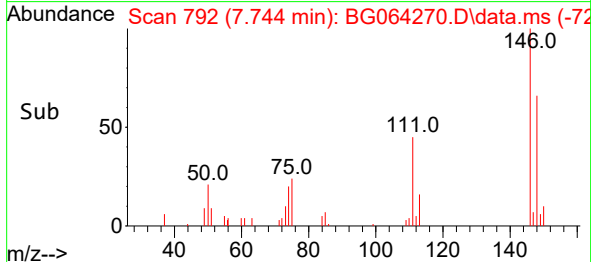
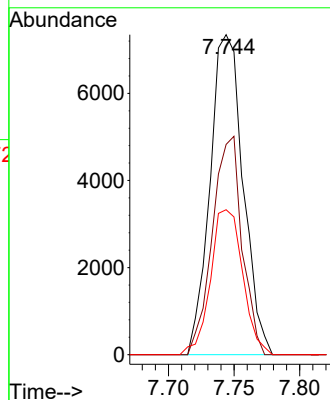
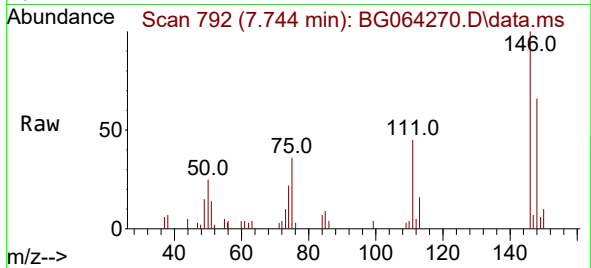
Tgt Ion:146 Resp: 12889

Ion Ratio Lower Upper

146 100

148 65.7 52.8 79.2

111 45.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 4.842 ng

RT: 8.202 min Scan# 870

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

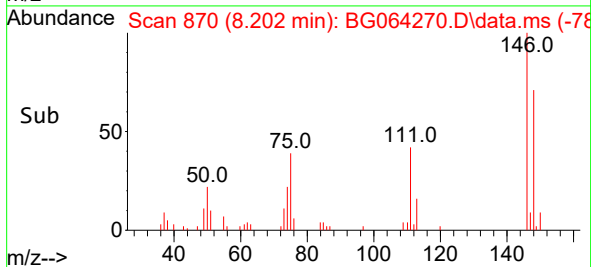
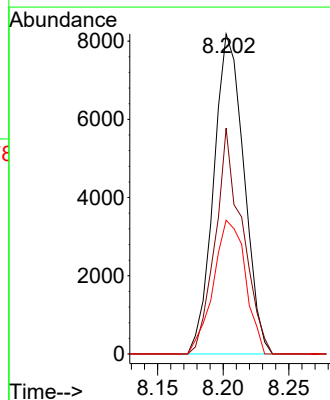
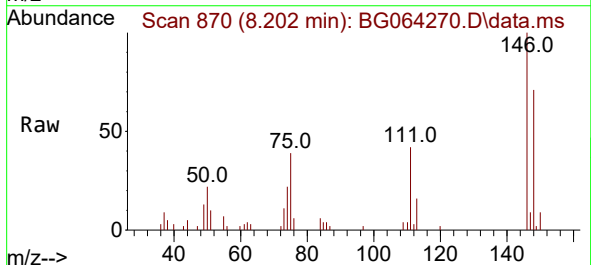
Tgt Ion:146 Resp: 13100

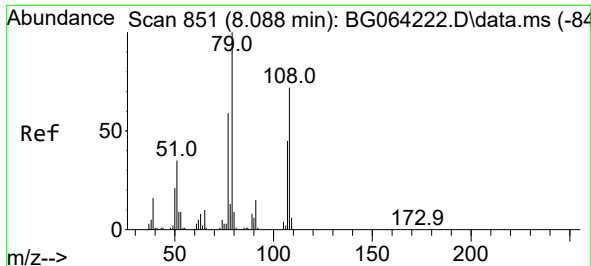
Ion Ratio Lower Upper

146 100

148 70.6 53.4 80.0

111 41.8 39.1 58.7

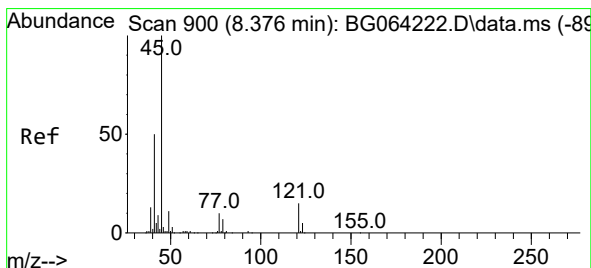
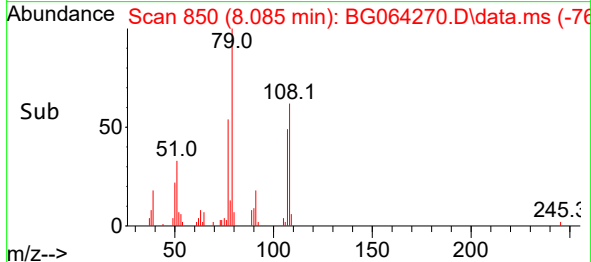
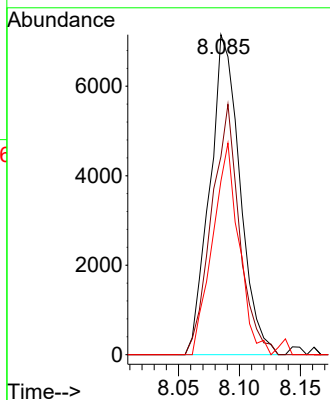
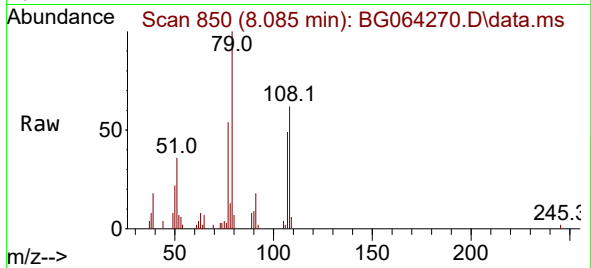




#15
Benzyl Alcohol
Concen: 4.540 ng
RT: 8.085 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

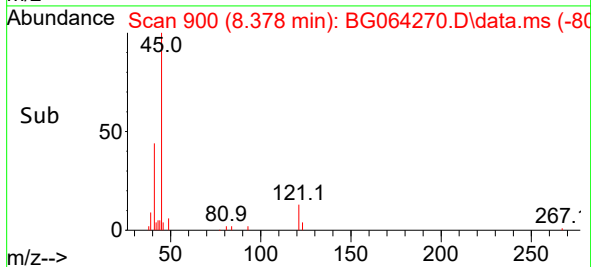
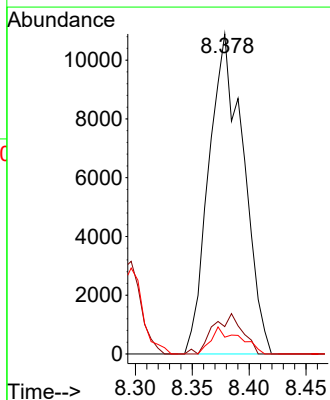
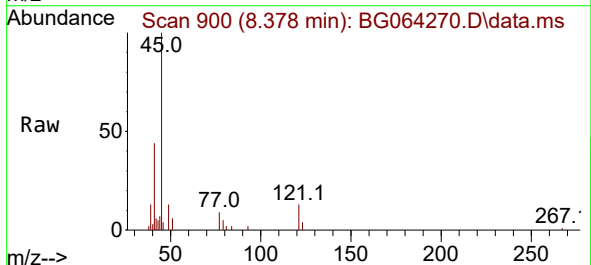
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

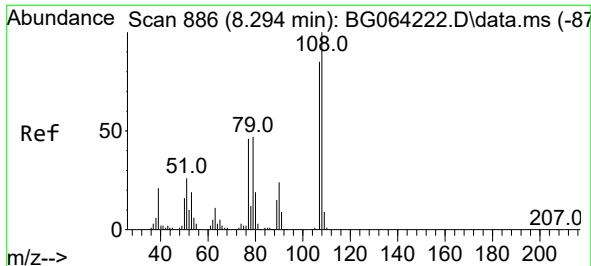
Tgt Ion: 79 Resp: 12300
Ion Ratio Lower Upper
79 100
108 61.9 57.4 86.0
77 54.3 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.132 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 45 Resp: 22943
Ion Ratio Lower Upper
45 100
77 8.5 0.0 30.0
79 5.3 0.0 27.9





#17

2-Methylphenol

Concen: 4.196 ng

RT: 8.290 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG064270.D

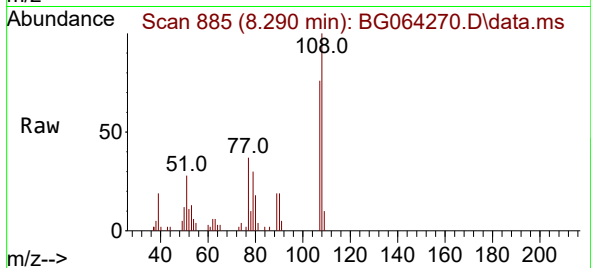
Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



Tgt Ion:107 Resp: 10120

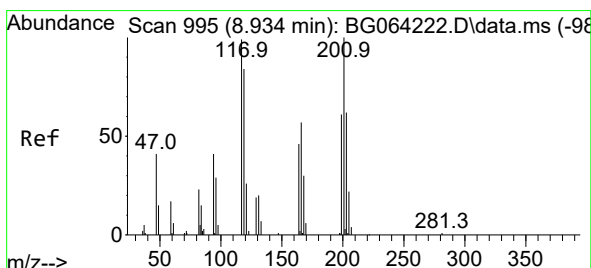
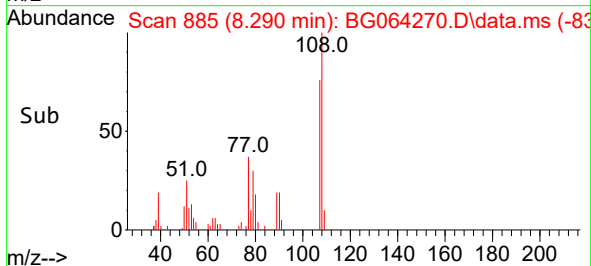
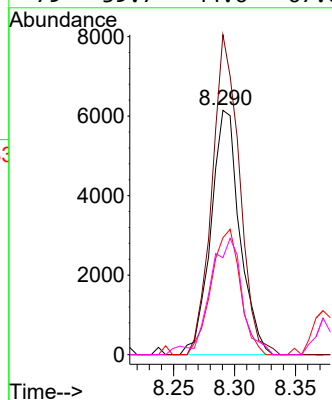
Ion Ratio Lower Upper

107 100

108 130.9 94.6 141.8

77 47.9 43.7 65.5

79 39.7 44.6 67.0#



#18

Hexachloroethane

Concen: 4.390 ng

RT: 8.931 min Scan# 994

Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

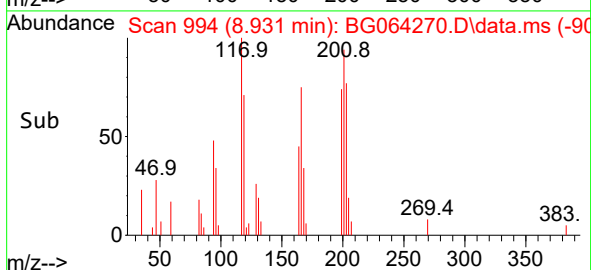
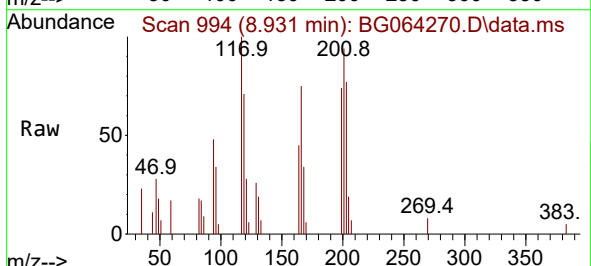
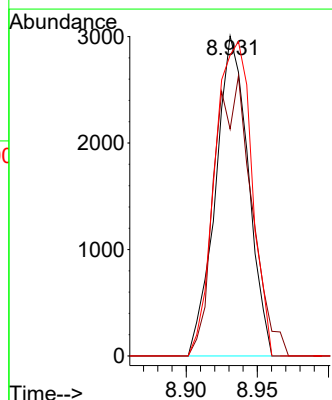
Tgt Ion:117 Resp: 4804

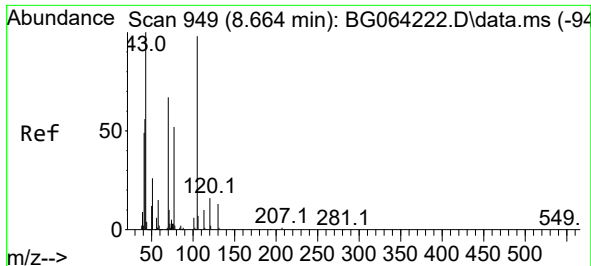
Ion Ratio Lower Upper

117 100

119 70.9 67.9 101.9

201 94.0 80.5 120.7

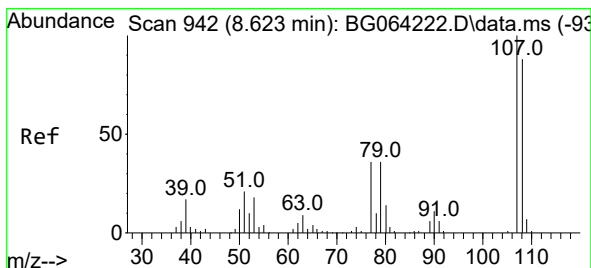
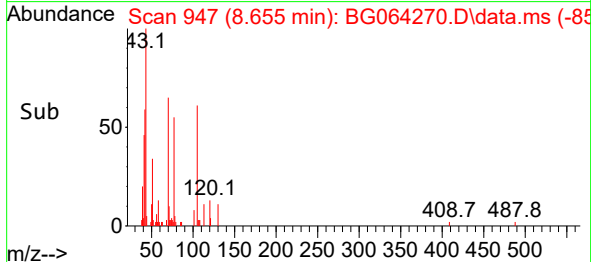
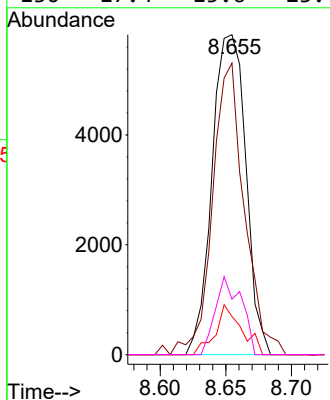
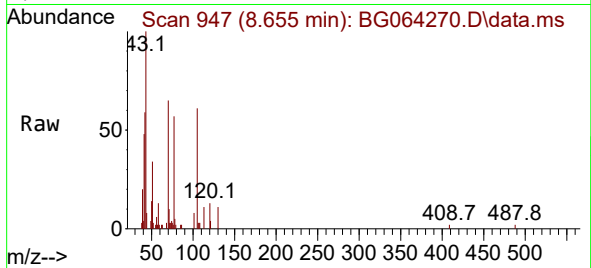




#19
n-Nitroso-di-n-propylamine
Concen: 4.641 ng
RT: 8.655 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

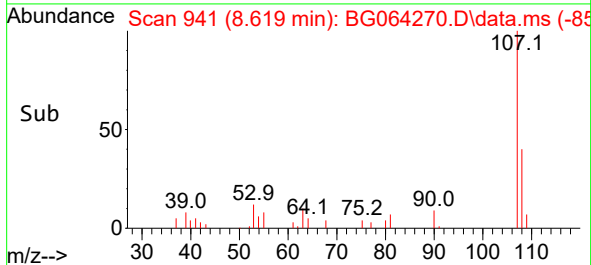
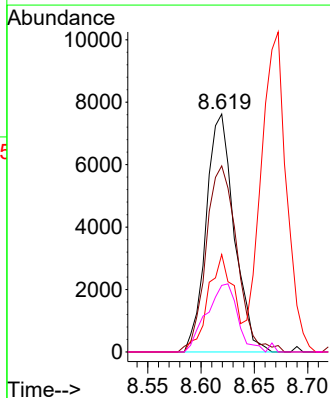
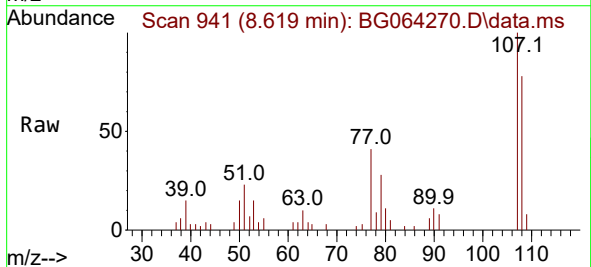
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

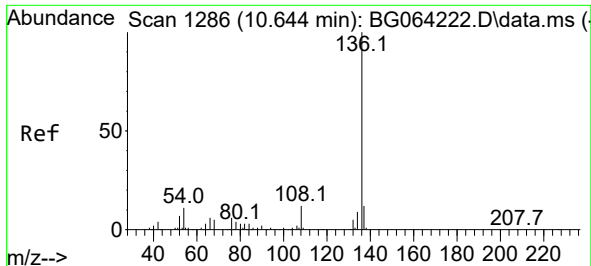
Tgt Ion: 70 Resp: 10427
Ion Ratio Lower Upper
70 100
42 91.1 67.9 101.9
101 12.0 7.3 10.9#
130 17.4 15.6 23.4



#20
3+4-Methylphenols
Concen: 4.161 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:107 Resp: 13946
Ion Ratio Lower Upper
107 100
108 78.2 68.1 108.1
77 40.9 15.9 55.9
79 28.0 16.0 56.0

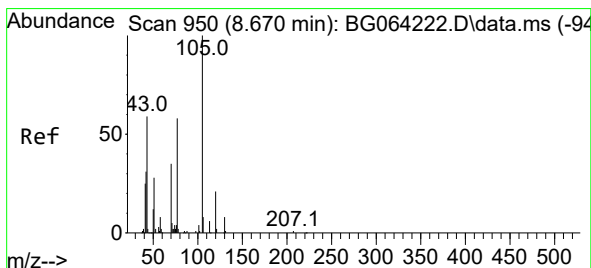
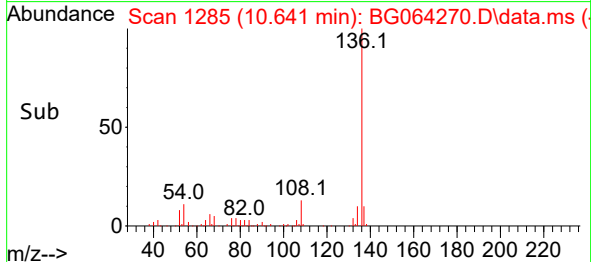
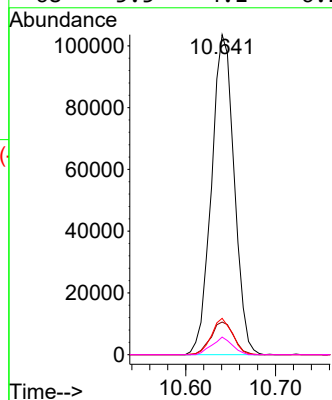
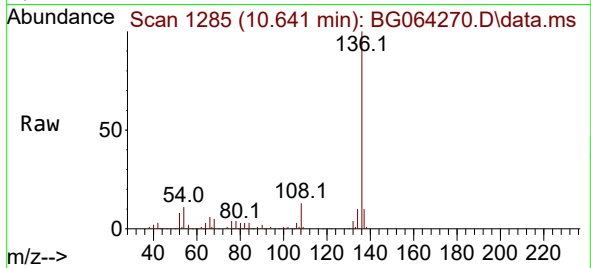




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

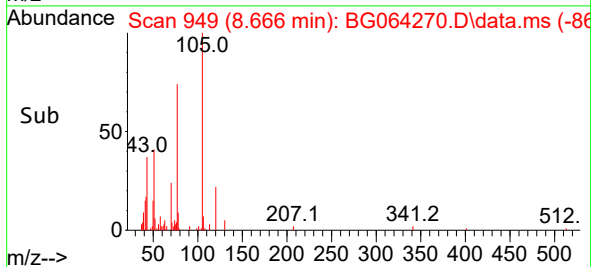
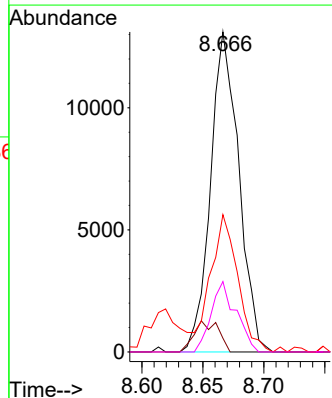
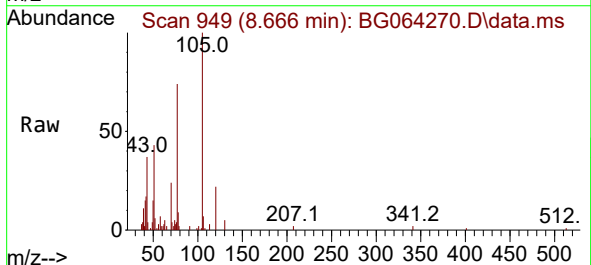
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

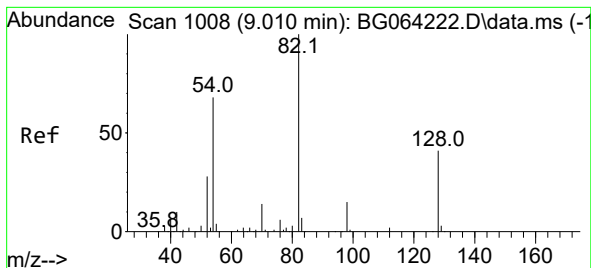
Tgt Ion:136 Resp: 181849
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 11.3 8.8 13.2
68 5.5 4.1 6.1



#22
Acetophenone
Concen: 4.595 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:105 Resp: 21140
Ion Ratio Lower Upper
105 100
71 4.3 4.3 6.5#
51 42.9 32.4 48.6
120 22.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 102.835 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

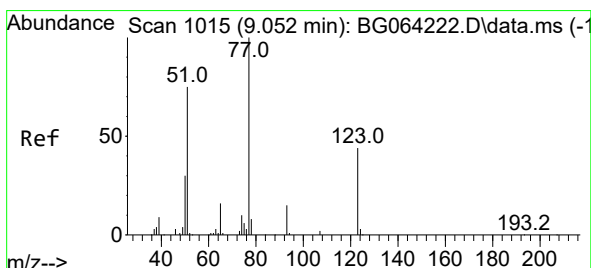
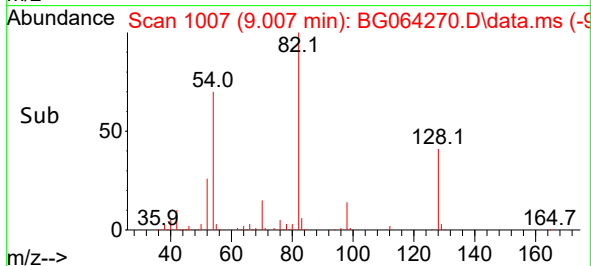
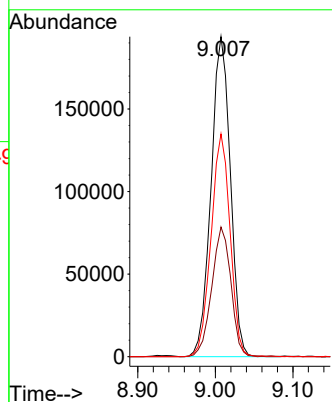
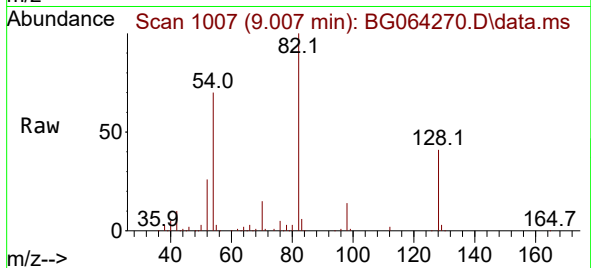
Tgt Ion: 82 Resp: 335310

Ion Ratio Lower Upper

82 100

128 40.5 32.6 48.8

54 69.6 54.7 82.1



#24

Nitrobenzene

Concen: 4.799 ng

RT: 9.048 min Scan# 1014

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

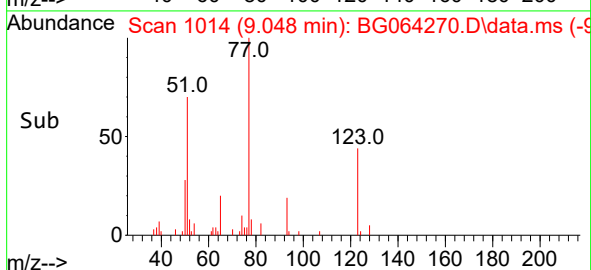
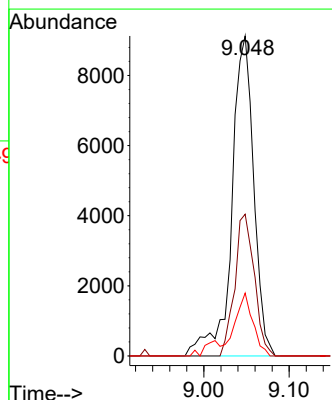
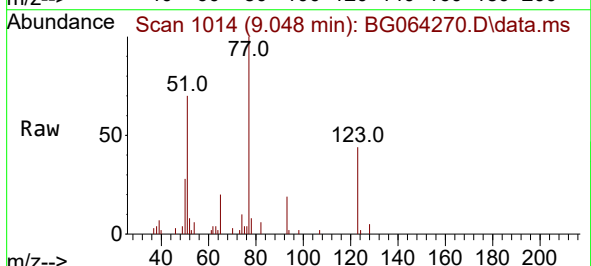
Tgt Ion: 77 Resp: 16350

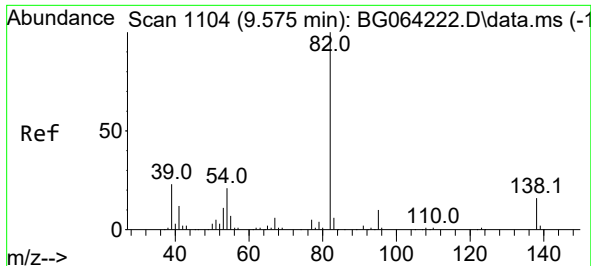
Ion Ratio Lower Upper

77 100

123 44.3 35.2 52.8

65 19.7 12.6 19.0#

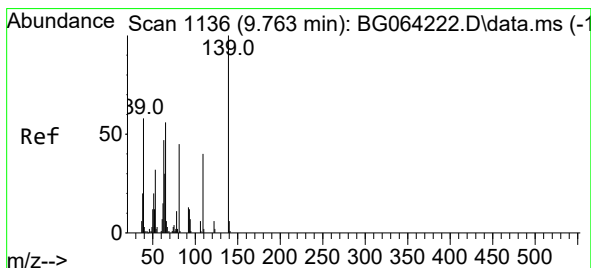
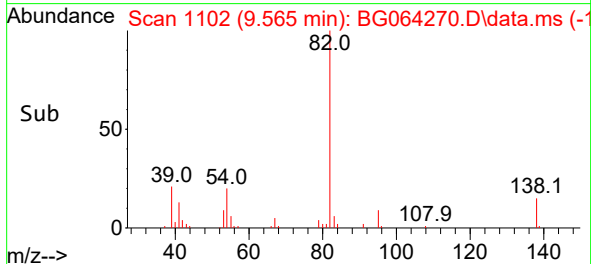
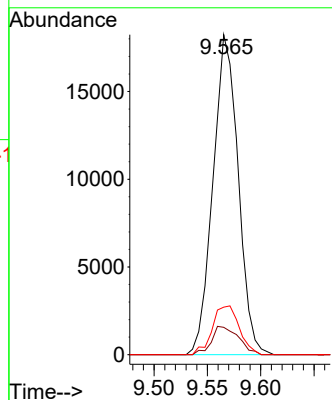
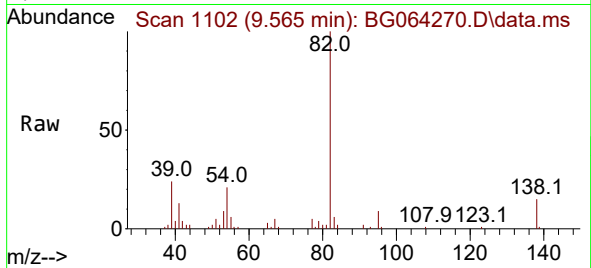




#25
Isophorone
Concen: 4.417 ng
RT: 9.565 min Scan# 1104
Delta R.T. -0.021 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

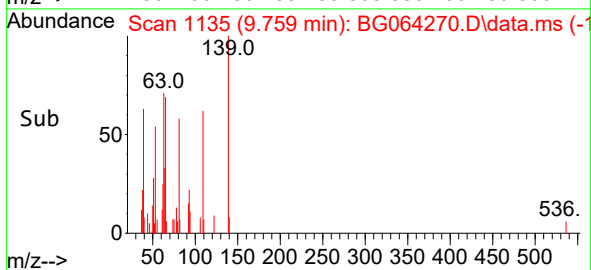
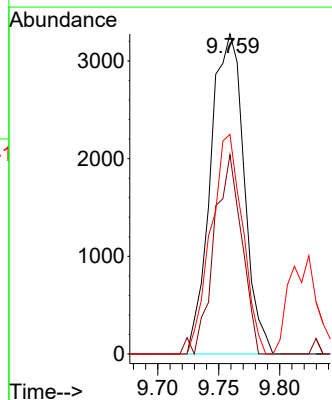
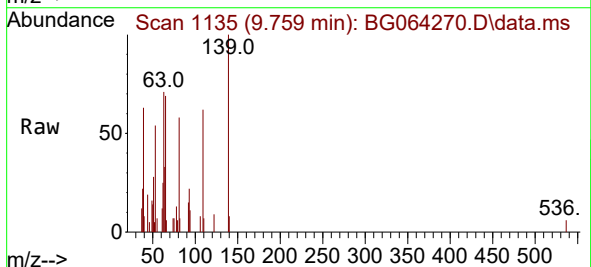
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

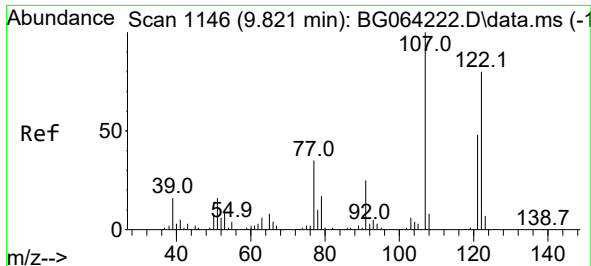
Tgt Ion: 82 Resp: 29936
Ion Ratio Lower Upper
82 100
95 8.5 7.9 11.9
138 14.9 13.0 19.4



#26
2-Nitrophenol
Concen: 4.253 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:139 Resp: 6260
Ion Ratio Lower Upper
139 100
109 62.2 32.4 48.6#
65 68.6 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 4.503 ng

RT: 9.818 min Scan# 1145

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

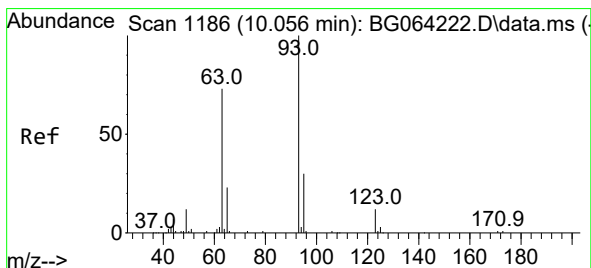
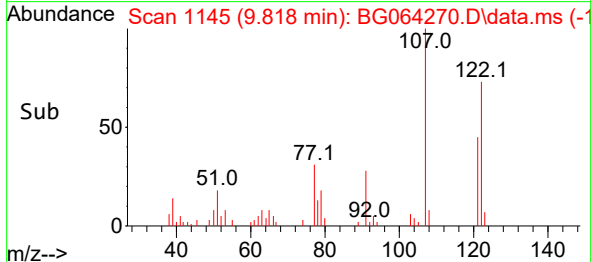
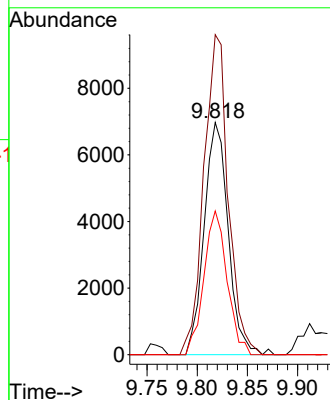
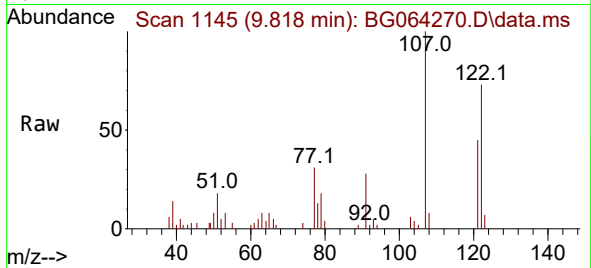
Tgt Ion:122 Resp: 11639

Ion Ratio Lower Upper

122 100

107 137.8 99.9 149.9

121 61.9 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 4.366 ng

RT: 10.053 min Scan# 1185

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

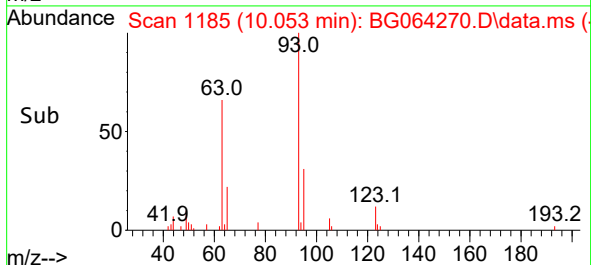
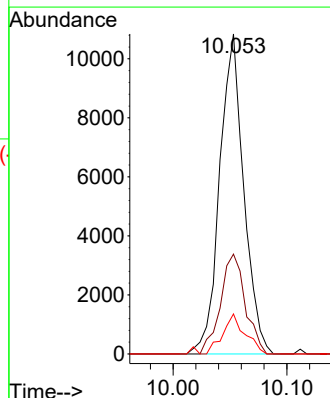
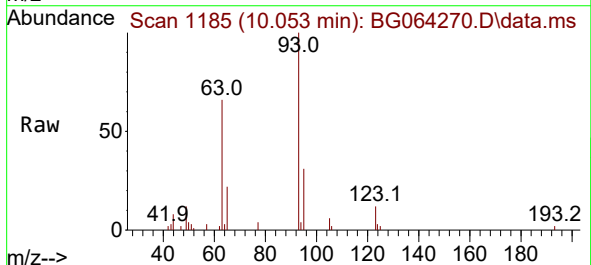
Tgt Ion: 93 Resp: 15954

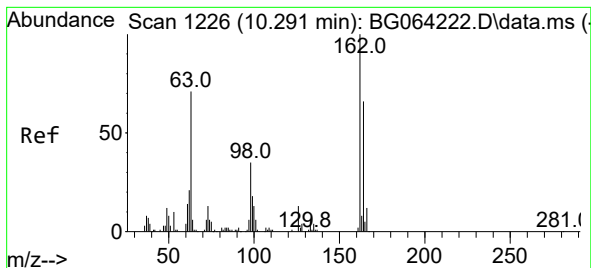
Ion Ratio Lower Upper

93 100

95 31.2 23.9 35.9

123 12.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.122 ng

RT: 10.294 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064270.D

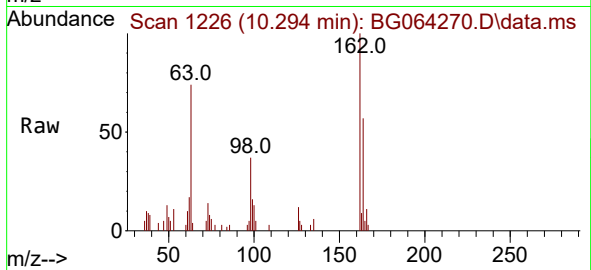
Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025



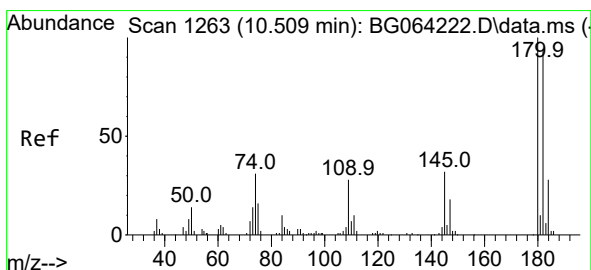
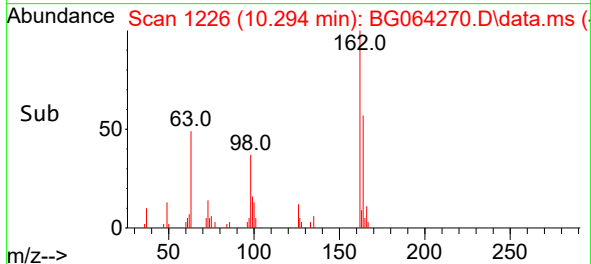
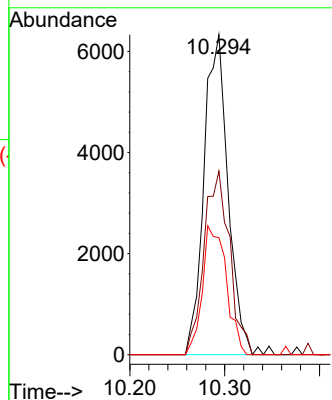
Tgt Ion:162 Resp: 11241

Ion Ratio Lower Upper

162 100

164 57.4 45.8 85.8

98 36.6 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 4.749 ng

RT: 10.505 min Scan# 1262

Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

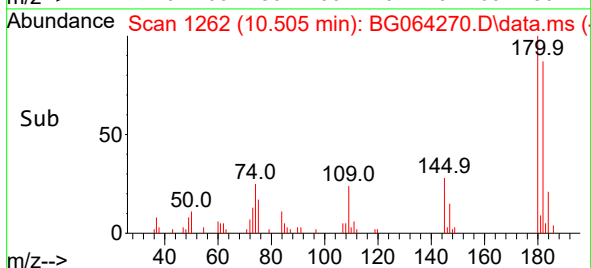
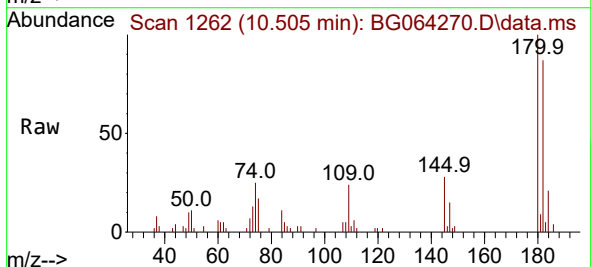
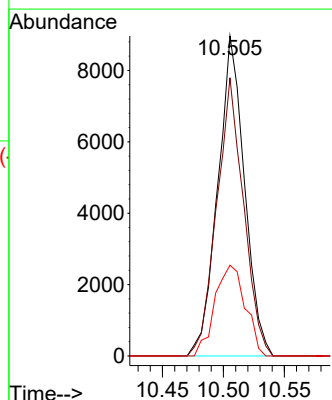
Tgt Ion:180 Resp: 13655

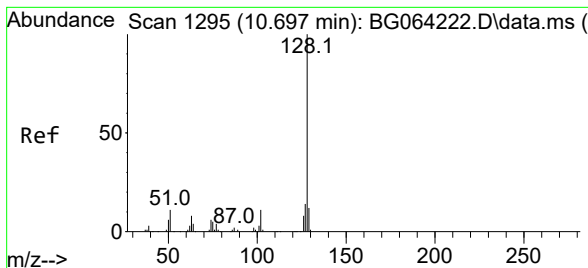
Ion Ratio Lower Upper

180 100

182 86.9 75.0 112.6

145 28.4 25.4 38.0

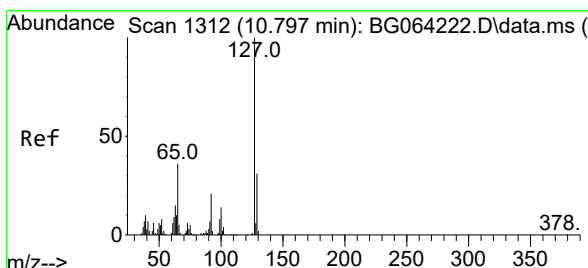
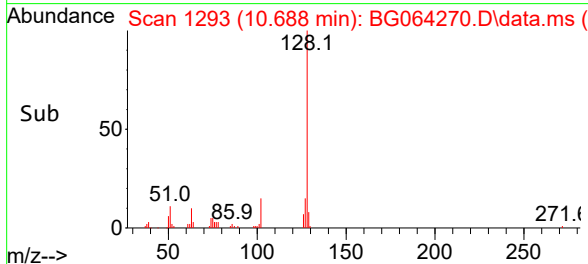
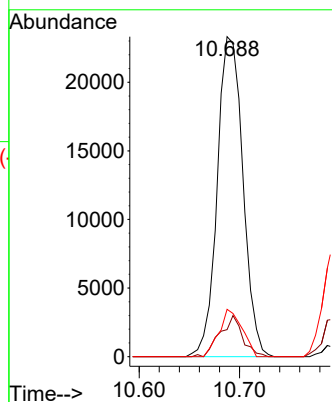
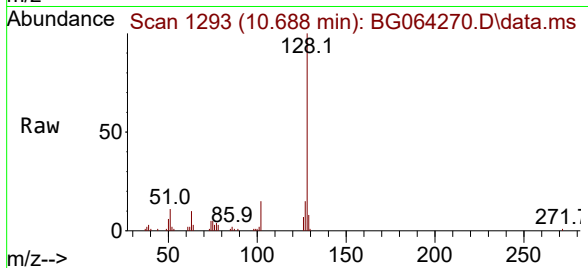




#31
Naphthalene
Concen: 4.389 ng
RT: 10.688 min Scan# 1293
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

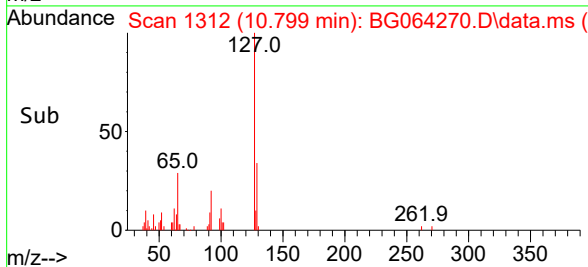
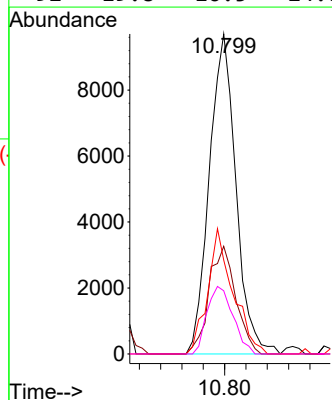
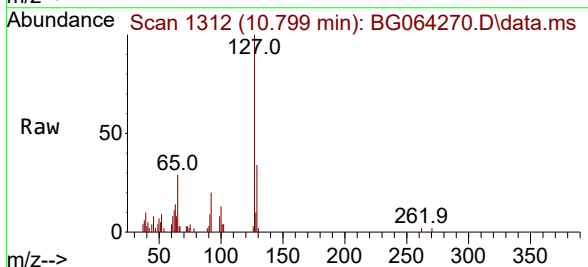
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

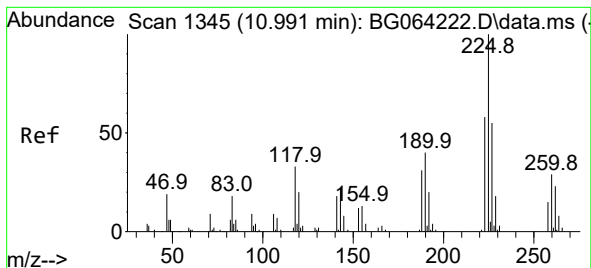
Tgt Ion:128 Resp: 41392
Ion Ratio Lower Upper
128 100
129 9.4 9.4 14.2#
127 14.8 10.9 16.3



#33
4-Chloroaniline
Concen: 4.597 ng
RT: 10.799 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:127 Resp: 16803
Ion Ratio Lower Upper
127 100
129 33.7 25.0 37.4
65 29.4 28.7 43.1
92 19.8 16.5 24.7





#34

Hexachlorobutadiene

Concen: 4.649 ng

RT: 10.975 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

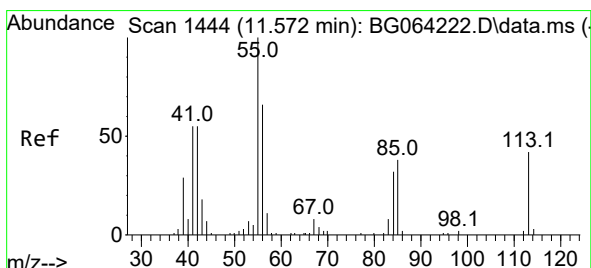
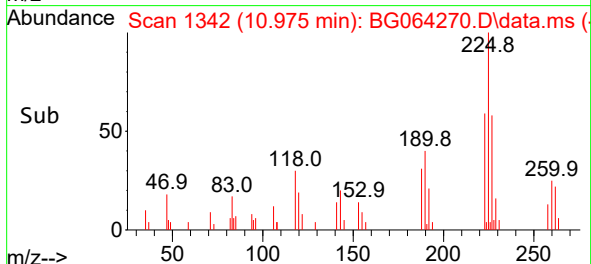
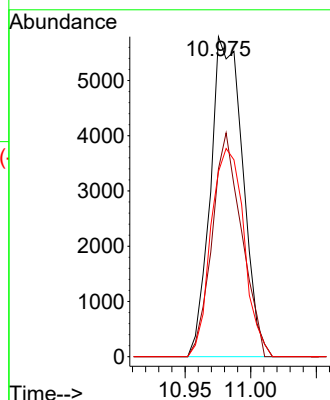
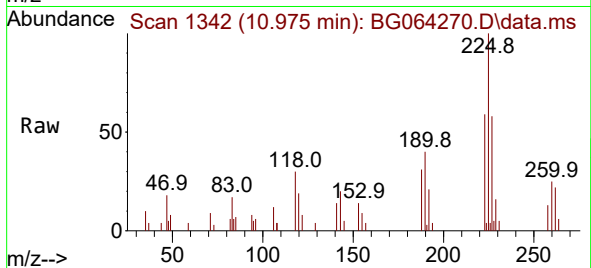
Tgt Ion:225 Resp: 9881

Ion Ratio Lower Upper

225 100

223 62.6 46.5 69.7

227 57.8 44.1 66.1



#35

Caprolactam

Concen: 3.408 ng

RT: 11.545 min Scan# 1439

Delta R.T. -0.056 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

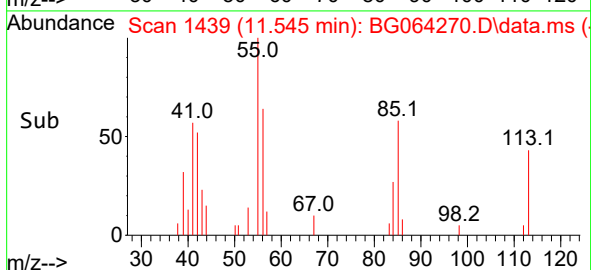
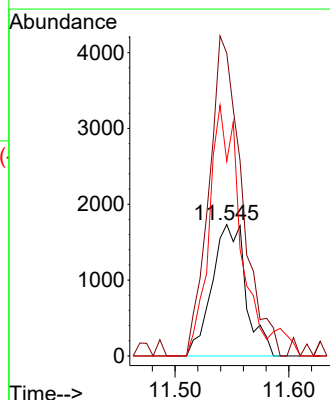
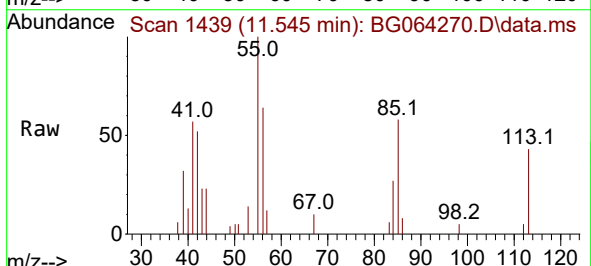
Tgt Ion:113 Resp: 3598

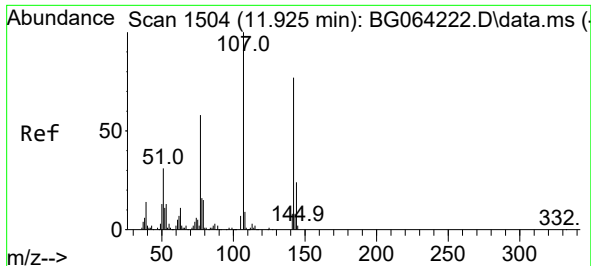
Ion Ratio Lower Upper

113 100

55 230.4 218.5 258.5

56 148.2 138.5 178.5

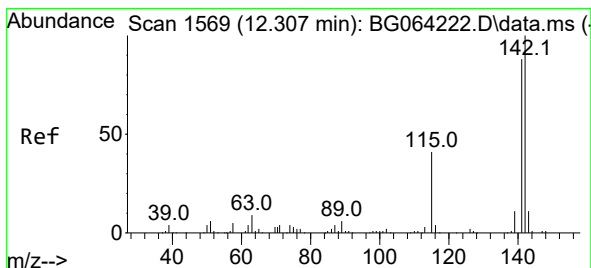
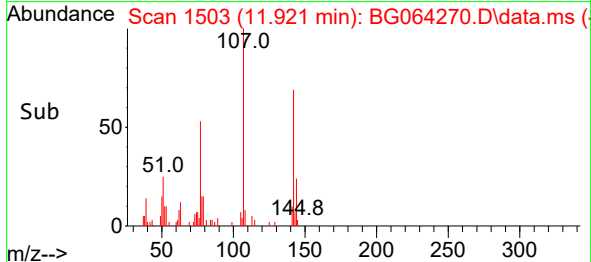
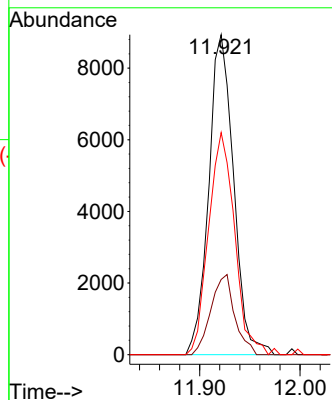
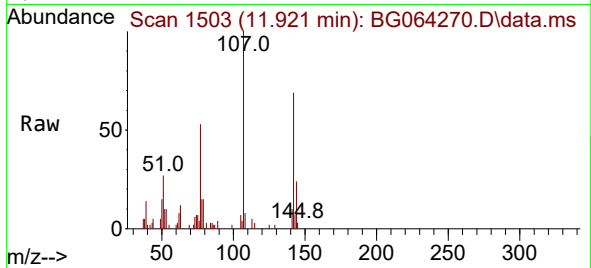




#36
4-Chloro-3-methylphenol
Concen: 4.346 ng
RT: 11.921 min Scan# 1503
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

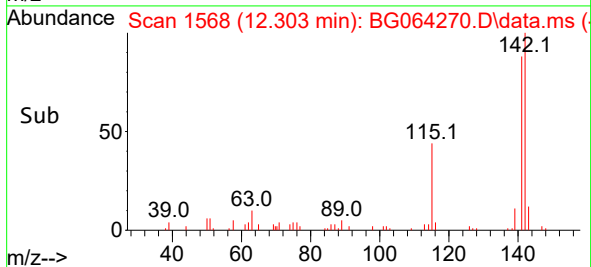
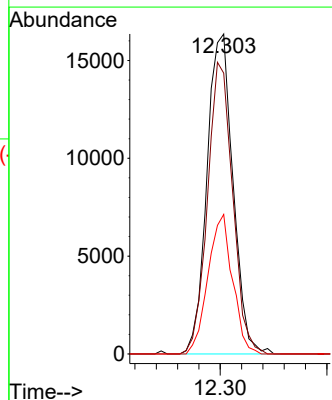
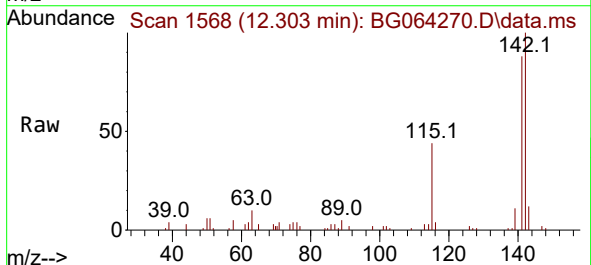
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

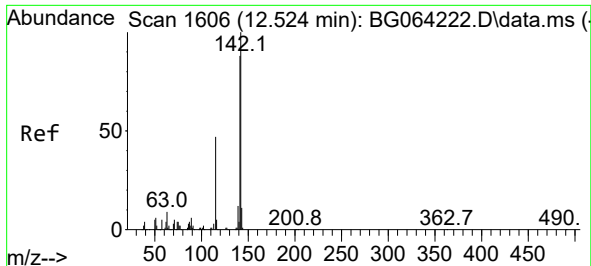
Tgt Ion:107 Resp: 15378
Ion Ratio Lower Upper
107 100
144 23.5 19.5 29.3
142 69.4 62.0 93.0



#37
2-Methylnaphthalene
Concen: 3.964 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:142 Resp: 27788
Ion Ratio Lower Upper
142 100
141 87.7 70.1 105.1
115 43.6 33.1 49.7

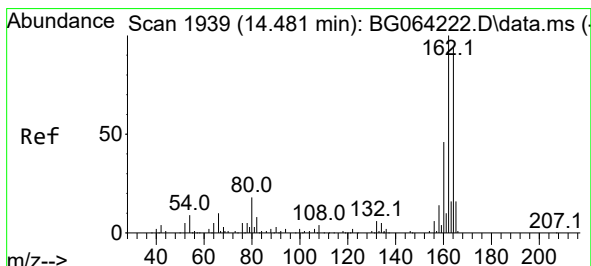
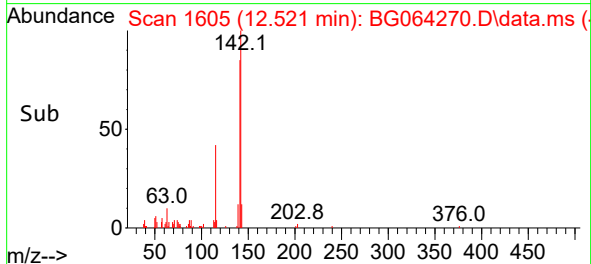
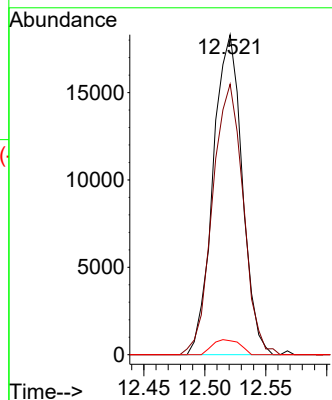
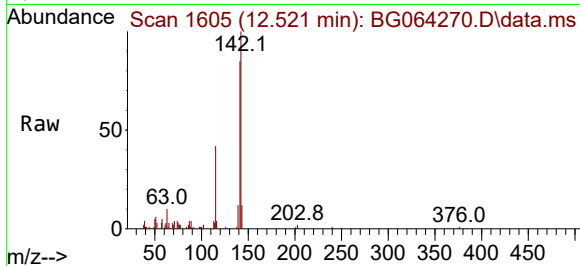




#38
1-Methylnaphthalene
Concen: 4.379 ng
RT: 12.521 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

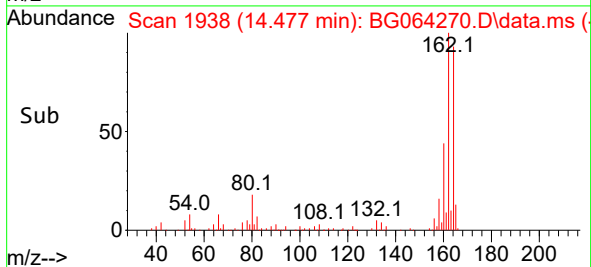
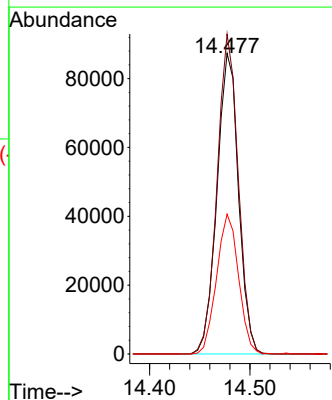
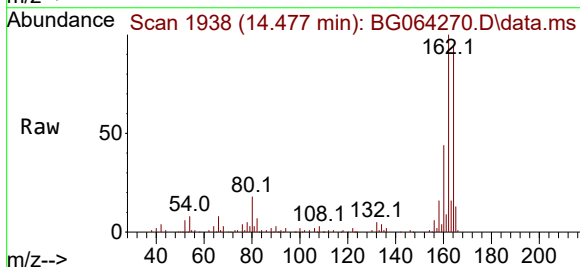
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

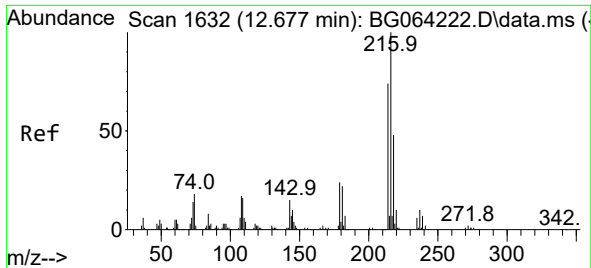
Tgt Ion:142 Resp: 30320
Ion Ratio Lower Upper
142 100
141 84.5 70.3 105.5
116 4.3 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:164 Resp: 130052
Ion Ratio Lower Upper
164 100
162 106.4 85.4 128.0
160 46.5 39.2 58.8

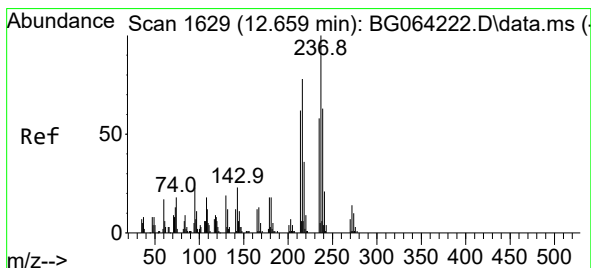
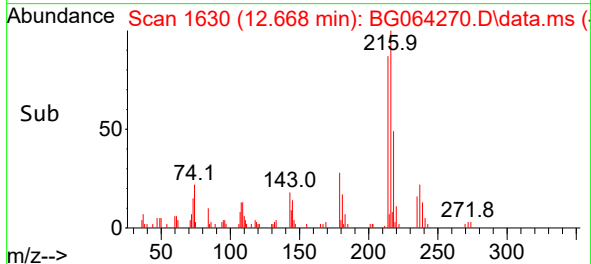
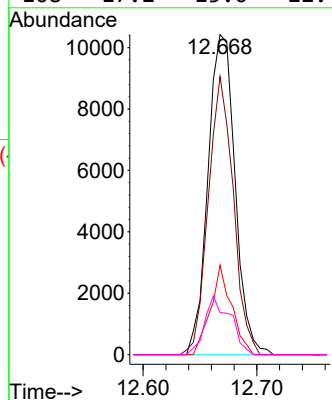
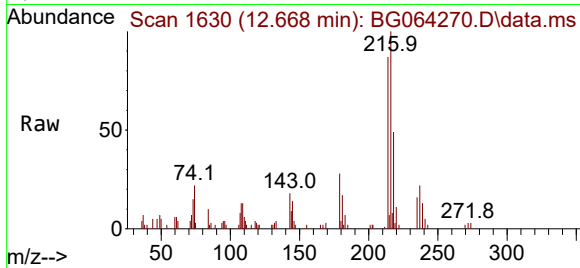




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.604 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

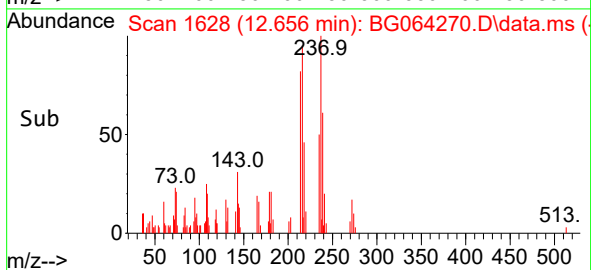
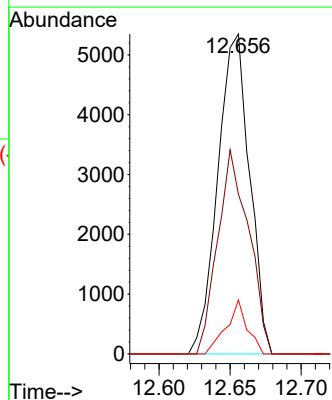
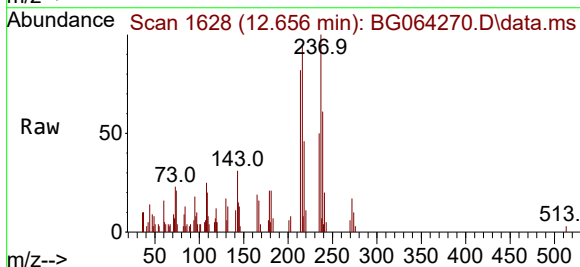
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

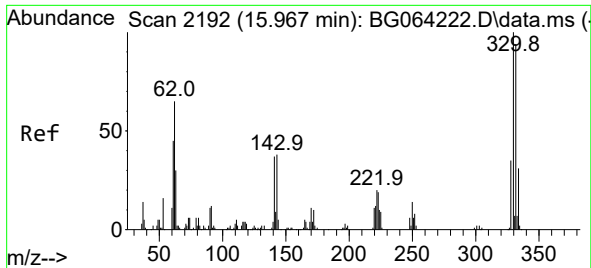
Tgt Ion:	216	Resp:	17275
Ion Ratio	Lower	Upper	
216	100		
214	80.0	61.9	92.9
179	21.8	17.9	26.9
108	17.2	15.0	22.4



#41
Hexachlorocyclopentadiene
Concen: 4.675 ng
RT: 12.656 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:	237	Resp:	8337
Ion Ratio	Lower	Upper	
237	100		
235	49.8	37.9	77.9
272	16.9	0.0	33.8

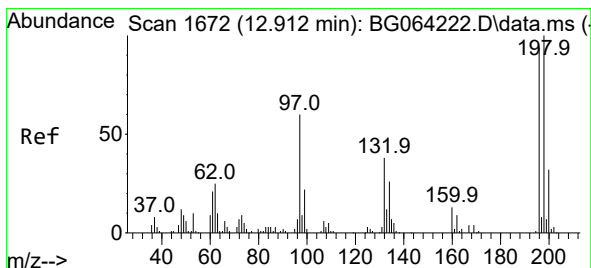
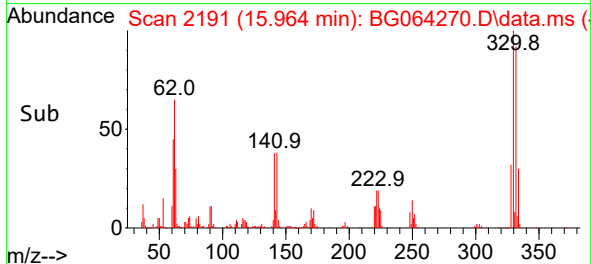
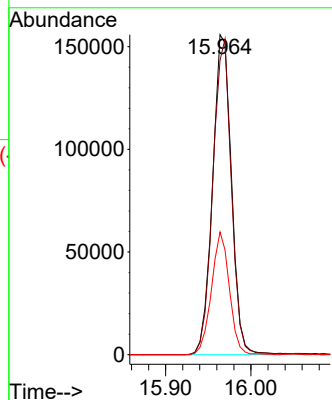
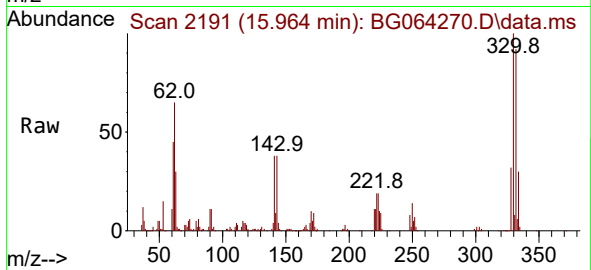




#42
2,4,6-Tribromophenol
Concen: 139.201 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

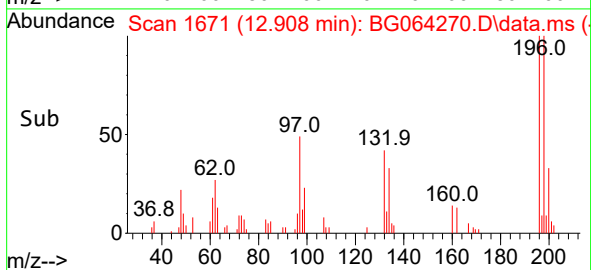
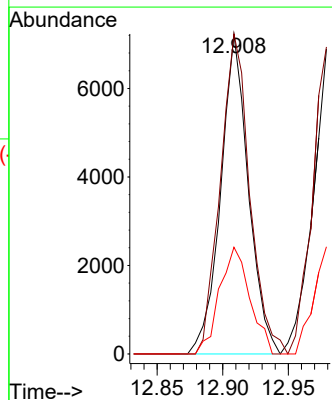
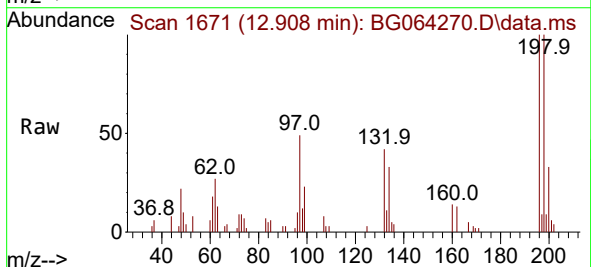
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

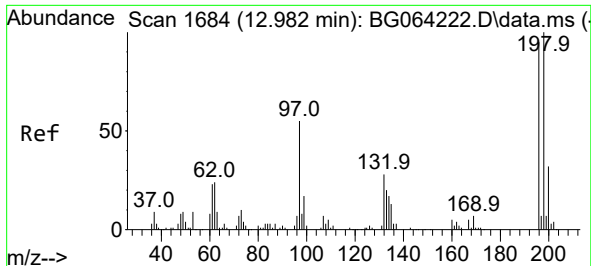
Tgt Ion:330 Resp: 239787
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 36.4 29.8 44.6



#43
2,4,6-Trichlorophenol
Concen: 4.233 ng
RT: 12.908 min Scan# 1671
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:196 Resp: 10617
Ion Ratio Lower Upper
196 100
198 100.1 85.4 128.2
200 33.4 27.3 40.9

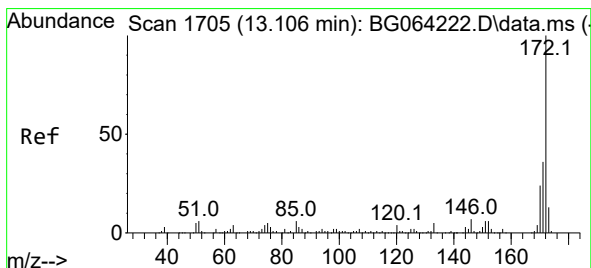
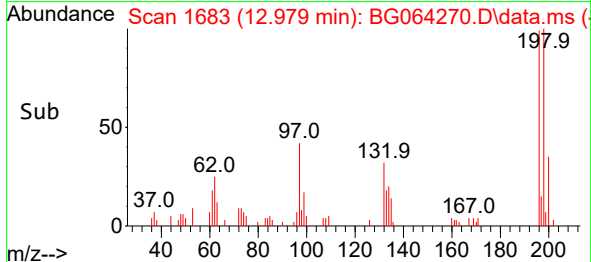
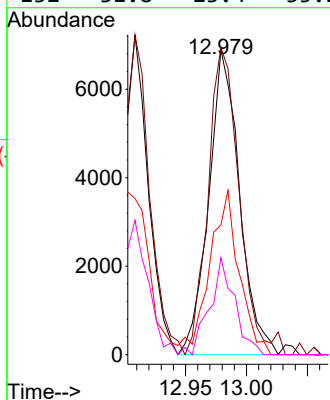
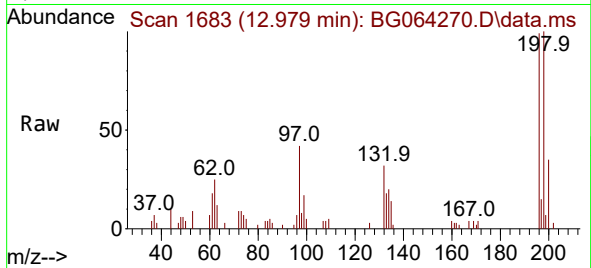




#44
 2,4,5-Trichlorophenol
 Concen: 4.449 ng
 RT: 12.979 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

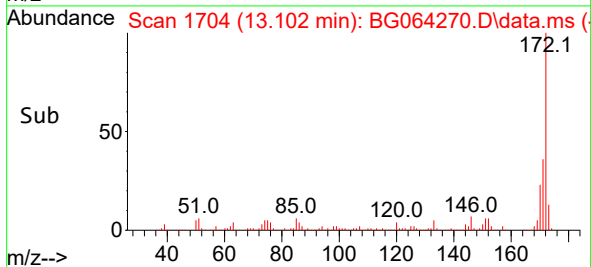
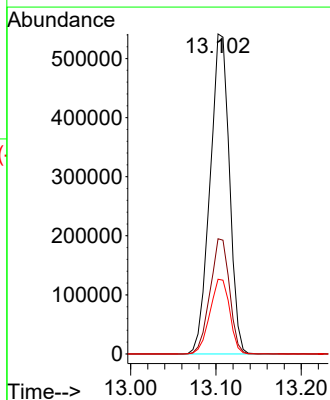
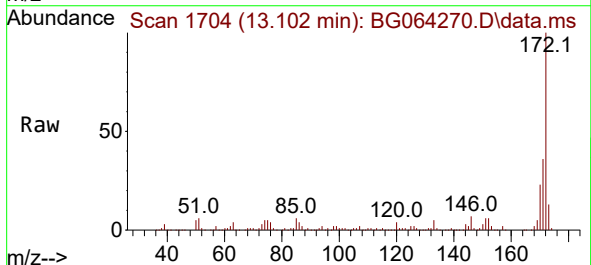
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

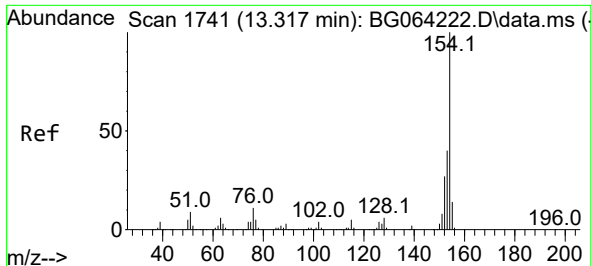
Tgt Ion:196	Resp:	12105
Ion Ratio	Lower	Upper
196	100	
198	107.4	84.5 126.7
97	42.6	46.8 70.2#
132	31.8	23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 100.280 ng
 RT: 13.102 min Scan# 1704
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

Tgt Ion:172	Resp:	854433
Ion Ratio	Lower	Upper
172	100	
171	36.0	28.7 43.1
170	23.4	19.0 28.6

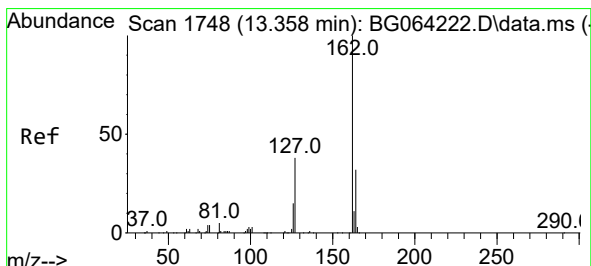
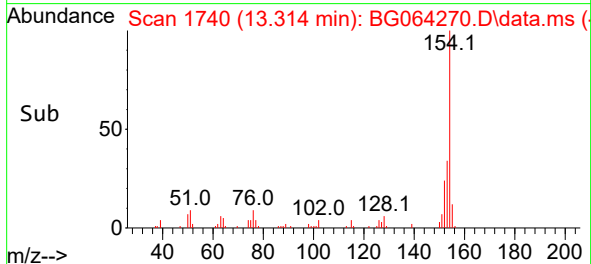
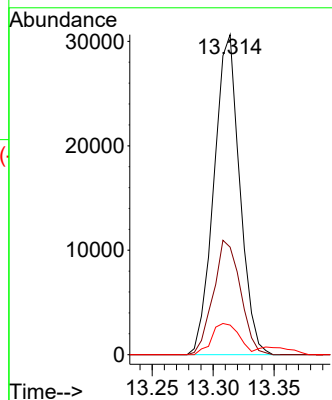
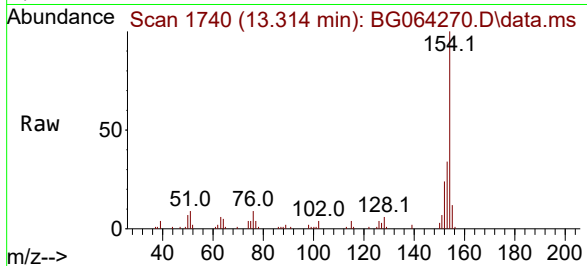




#46
1,1'-Biphenyl
Concen: 4.749 ng
RT: 13.314 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

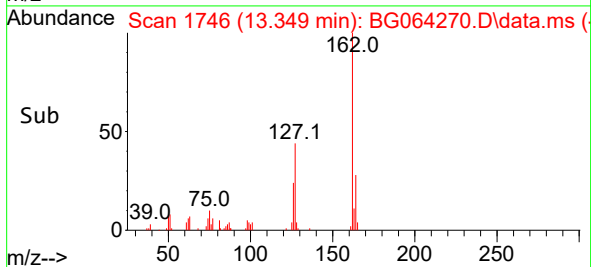
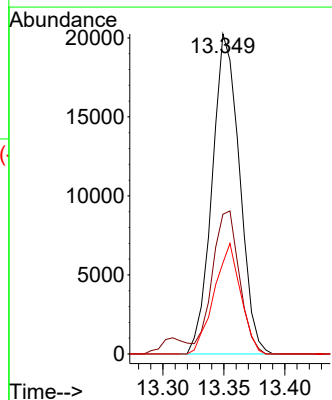
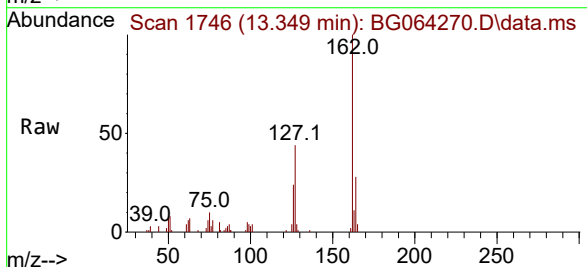
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

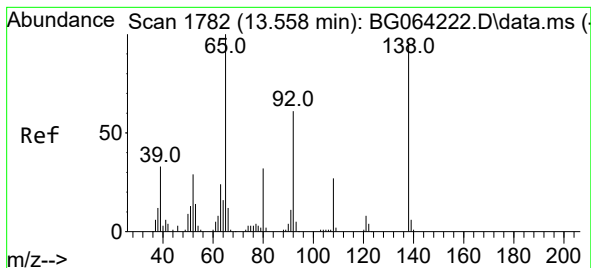
Tgt Ion:154 Resp: 44988
Ion Ratio Lower Upper
154 100
153 33.6 19.9 59.9
76 9.2 0.0 30.9



#47
2-Chloronaphthalene
Concen: 4.441 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:162 Resp: 31624
Ion Ratio Lower Upper
162 100
127 43.7 33.9 50.9
164 28.5 25.4 38.2





#48

2-Nitroaniline

Concen: 4.168 ng

RT: 13.555 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

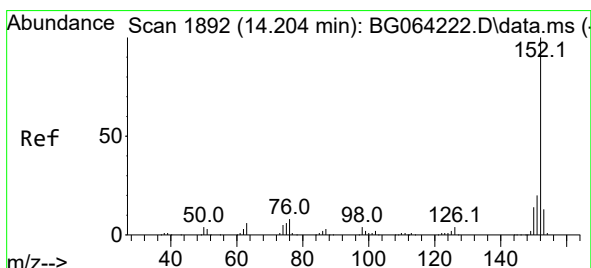
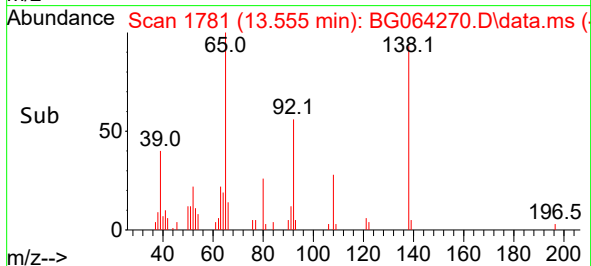
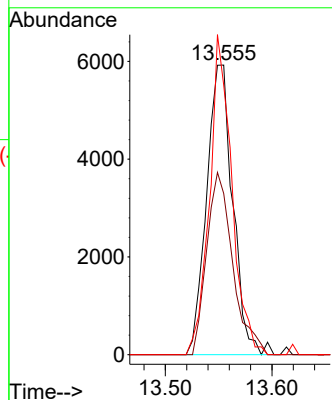
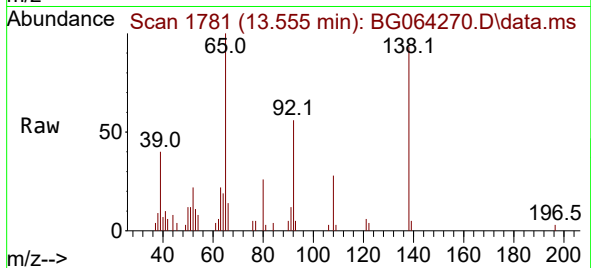
Tgt Ion: 65 Resp: 10117

Ion Ratio Lower Upper

65 100

92 55.7 49.2 73.8

138 93.1 76.8 115.2



#49

Acenaphthylene

Concen: 4.727 ng

RT: 14.195 min Scan# 1890

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

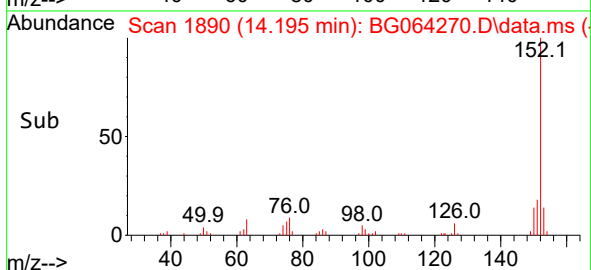
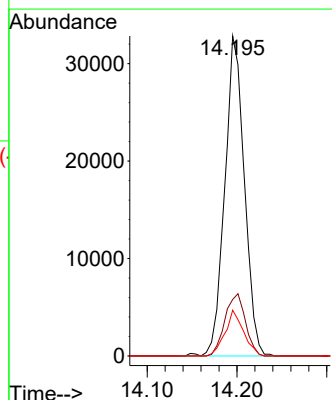
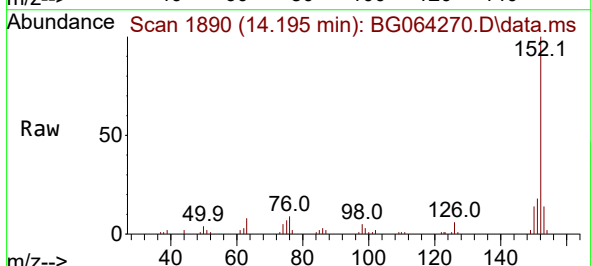
Tgt Ion:152 Resp: 49763

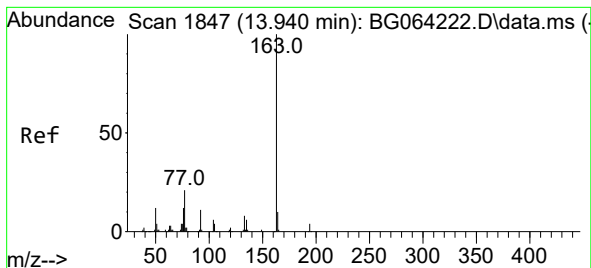
Ion Ratio Lower Upper

152 100

151 17.6 16.2 24.2

153 14.3 10.1 15.1

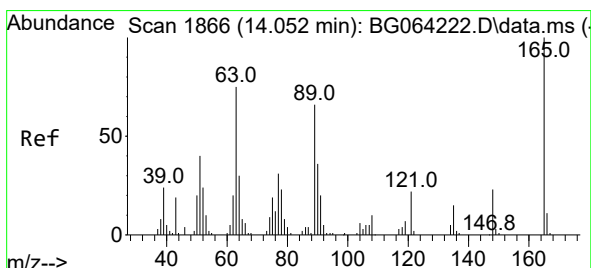
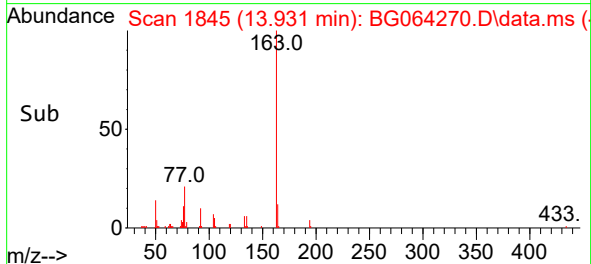
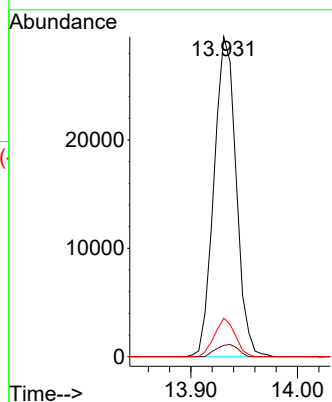
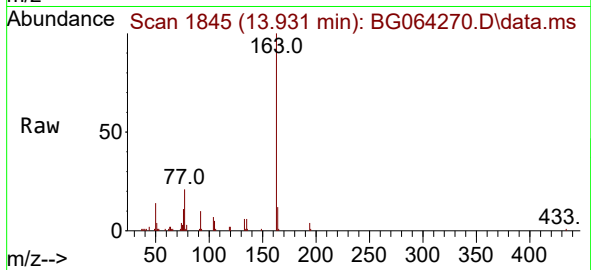




#50
Dimethylphthalate
Concen: 4.321 ng
RT: 13.931 min Scan# 1845
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

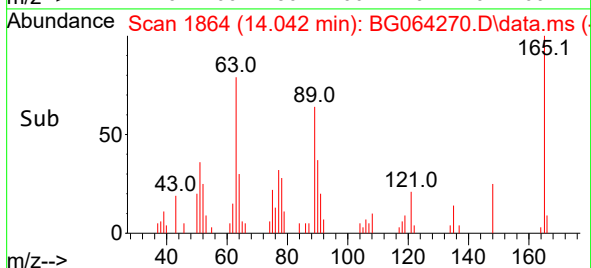
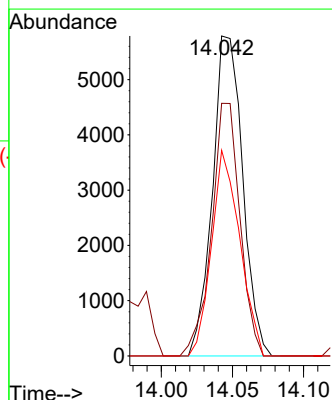
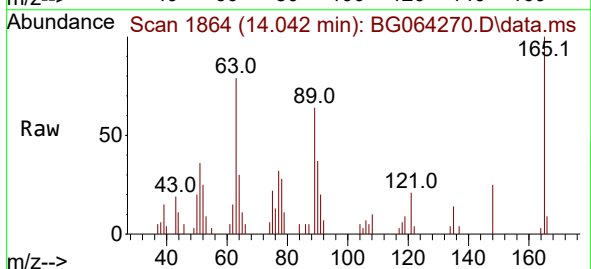
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

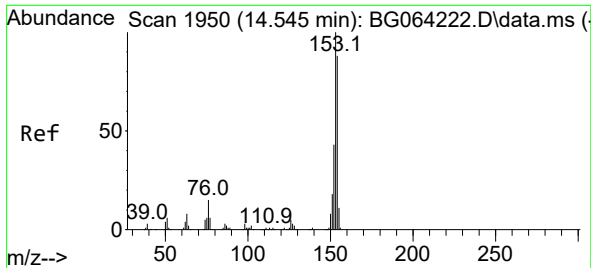
Tgt Ion:163 Resp: 42531
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 12.0 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 4.492 ng
RT: 14.042 min Scan# 1864
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:165 Resp: 8561
Ion Ratio Lower Upper
165 100
63 78.9 60.3 90.5
89 64.2 52.9 79.3

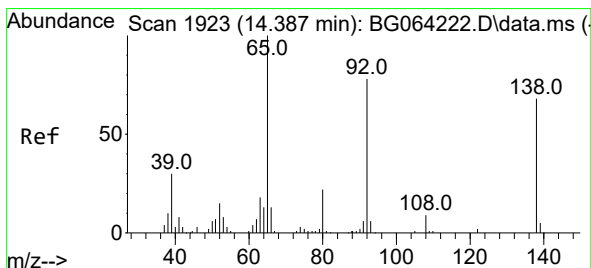
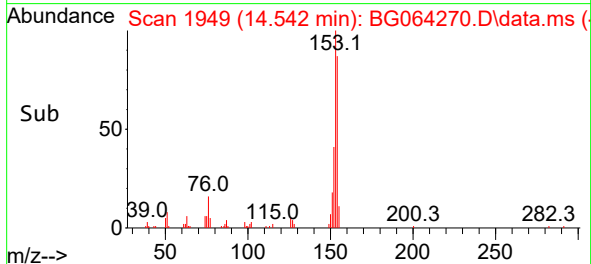
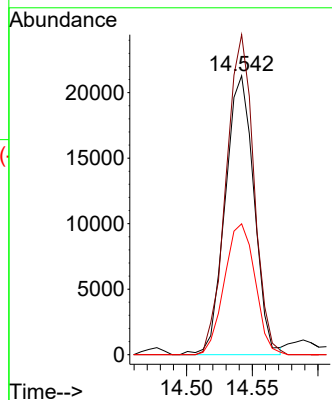
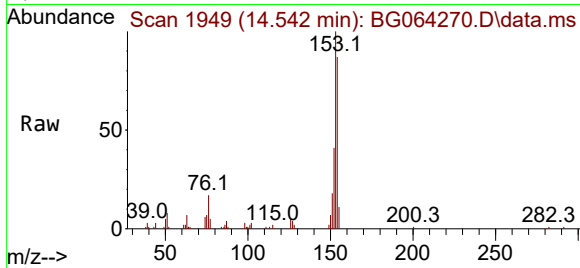




#52
Acenaphthene
Concen: 4.371 ng
RT: 14.542 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

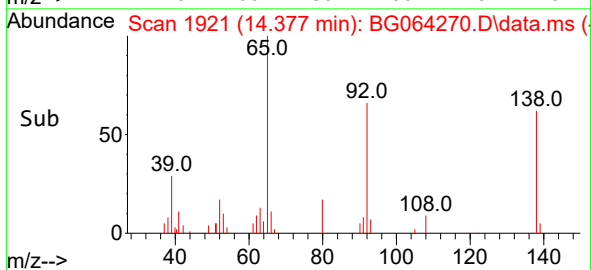
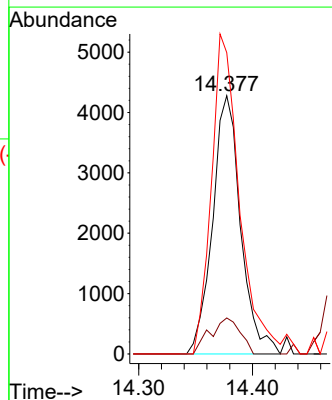
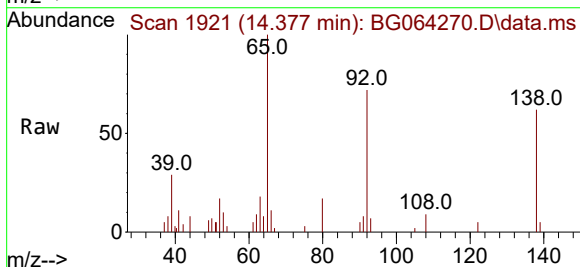
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

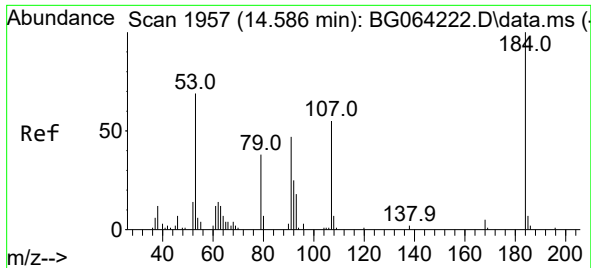
Tgt Ion:154 Resp: 32474
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 46.9 39.6 59.4



#53
3-Nitroaniline
Concen: 3.677 ng
RT: 14.377 min Scan# 1921
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:138 Resp: 7340
Ion Ratio Lower Upper
138 100
108 13.9 11.0 16.6
92 116.7 91.4 137.0

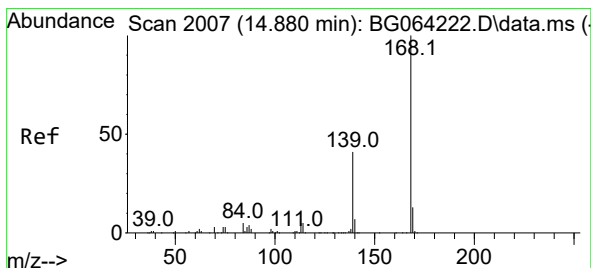
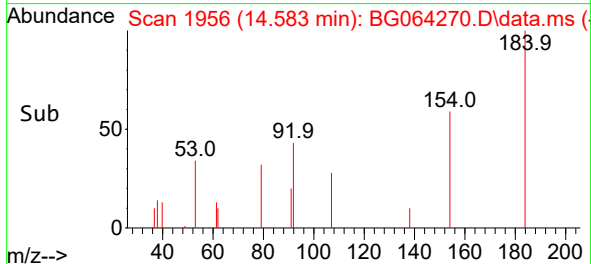
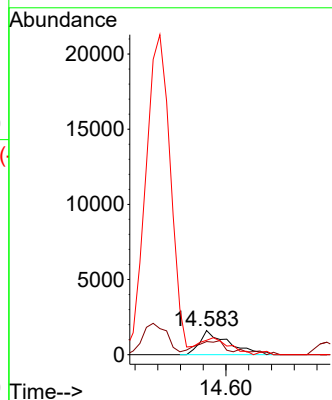
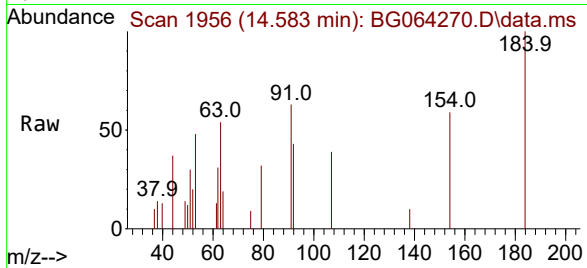




#54
2,4-Dinitrophenol
Concen: 7.752 ng
RT: 14.583 min Scan# 1957
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

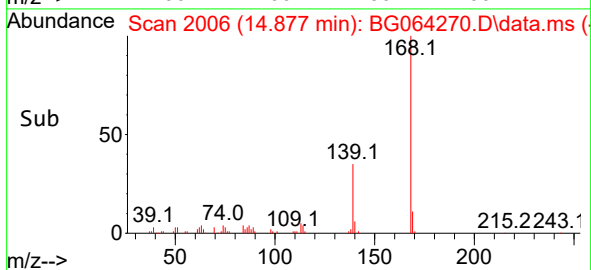
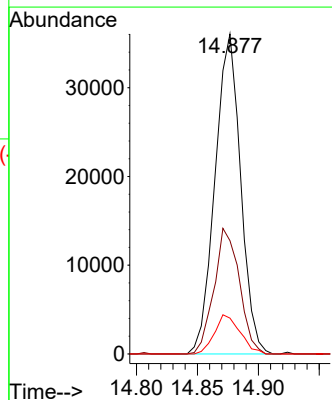
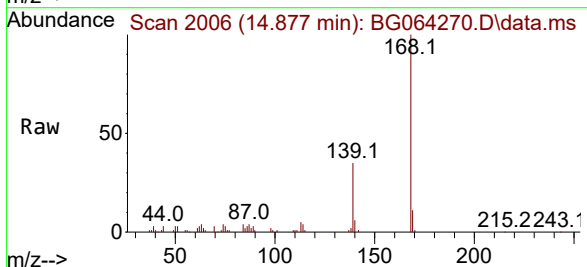
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

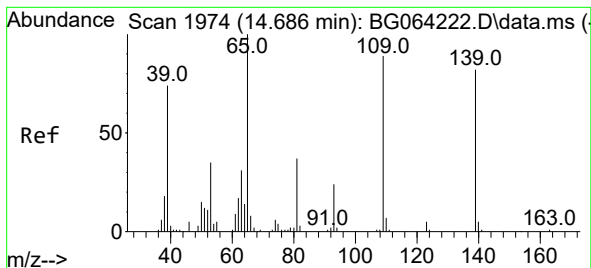
Tgt Ion:184 Resp: 2814
Ion Ratio Lower Upper
184 100
63 54.4 60.1 90.1#
154 59.5 59.8 89.8#



#55
Dibenzofuran
Concen: 4.501 ng
RT: 14.877 min Scan# 2006
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:168 Resp: 52592
Ion Ratio Lower Upper
168 100
139 35.4 33.2 49.8
169 11.2 10.4 15.6

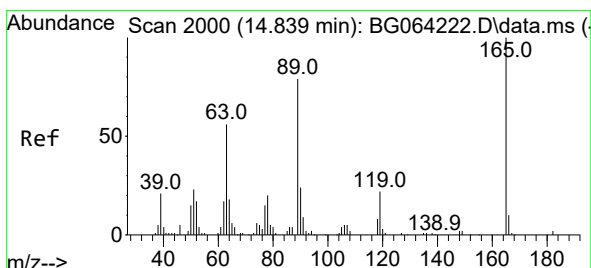
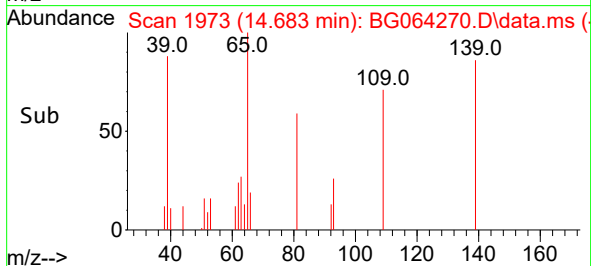
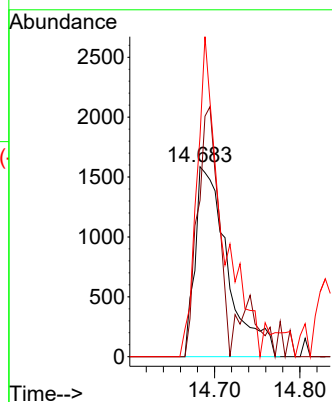
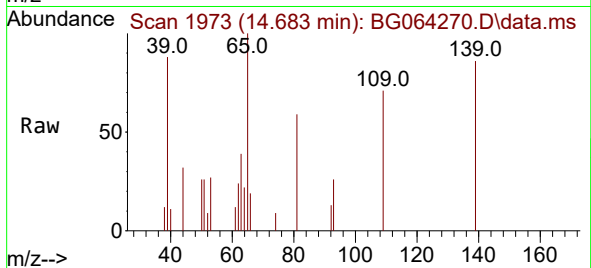




#56
4-Nitrophenol
Concen: 2.559 ng
RT: 14.683 min Scan# 1973
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

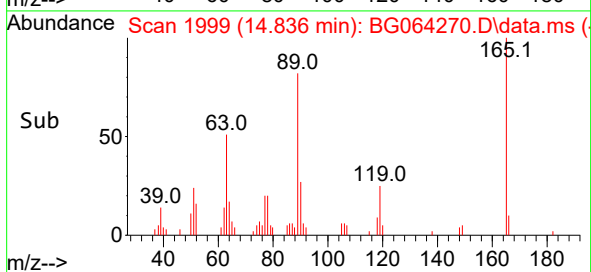
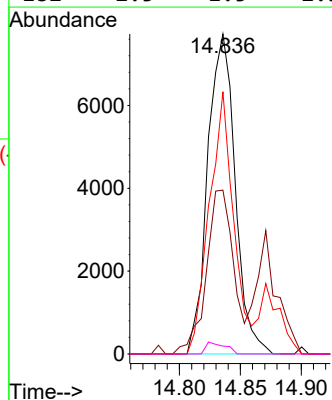
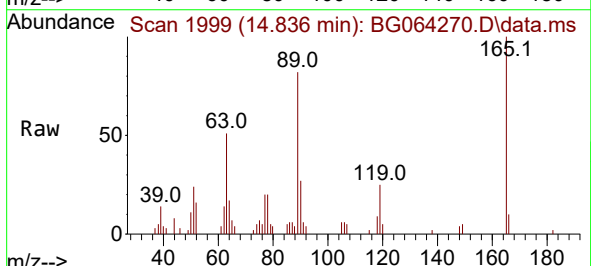
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2025

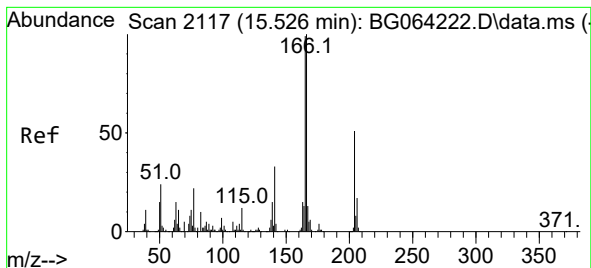
Tgt Ion:139 Resp: 4191
Ion Ratio Lower Upper
139 100
109 82.3 89.1 129.1#
65 116.1 102.9 142.9



#57
2,4-Dinitrotoluene
Concen: 4.192 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:165 Resp: 12079
Ion Ratio Lower Upper
165 100
63 51.2 44.6 67.0
89 82.0 63.0 94.4
182 2.5 1.5 2.3#





#58

Fluorene

Concen: 4.551 ng

RT: 15.523 min Scan# 2116

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

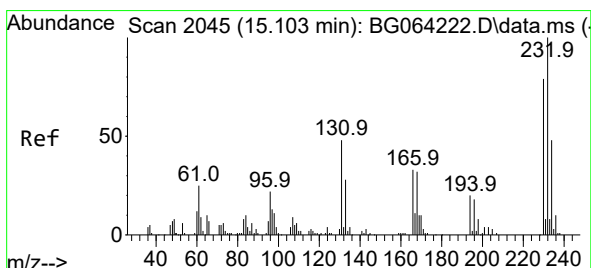
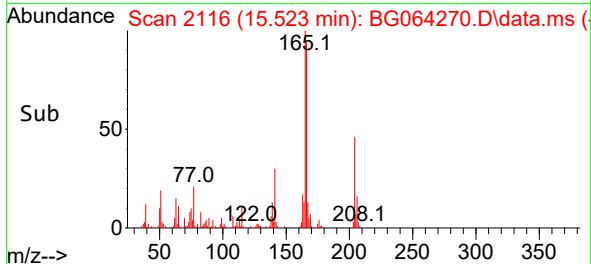
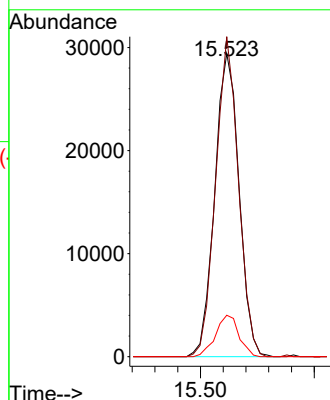
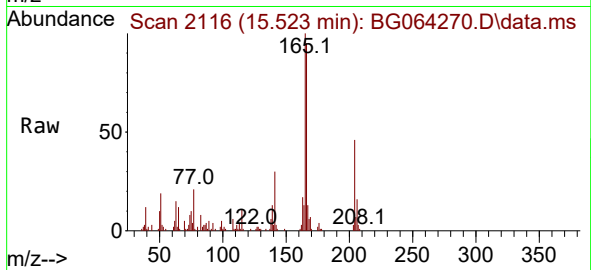
Tgt Ion:166 Resp: 43583

Ion Ratio Lower Upper

166 100

165 105.5 79.1 118.7

167 13.7 10.2 15.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.258 ng

RT: 15.106 min Scan# 2045

Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Tgt Ion:232 Resp: 11141

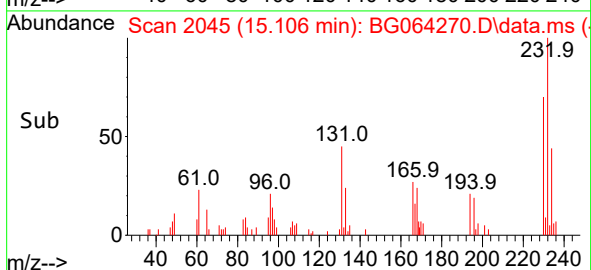
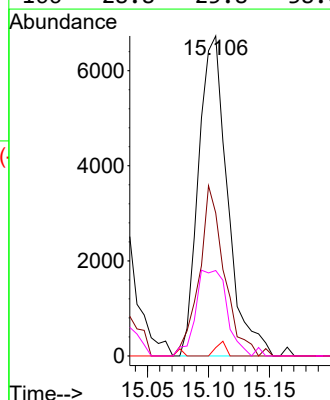
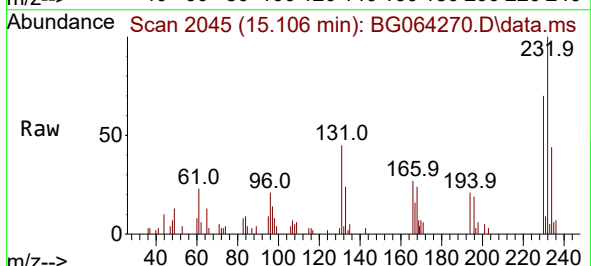
Ion Ratio Lower Upper

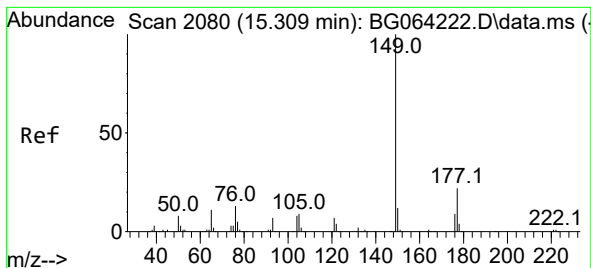
232 100

131 46.0 37.1 55.7

130 1.5 2.6 3.8#

166 28.8 25.8 38.6





#60

Diethylphthalate

Concen: 3.734 ng

RT: 15.300 min Scan# 20

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

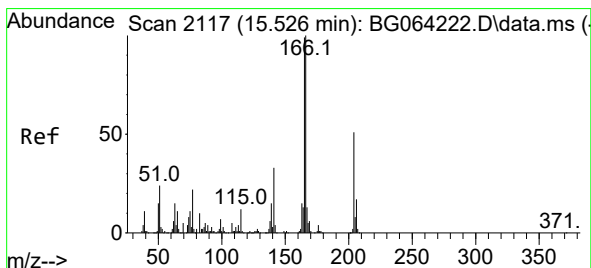
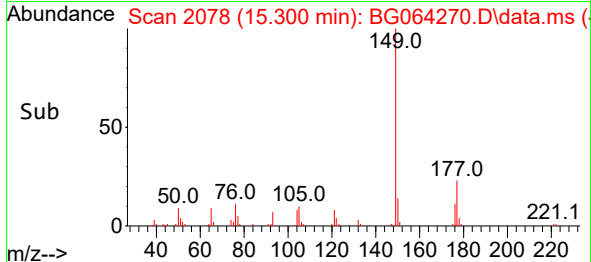
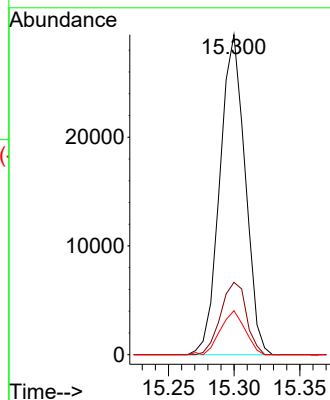
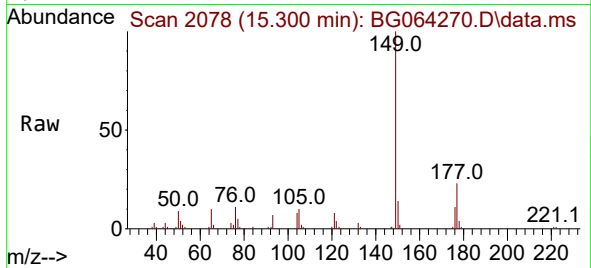
Tgt Ion:149 Resp: 39338

Ion Ratio Lower Upper

149 100

177 22.6 17.5 26.3

150 13.8 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 4.328 ng

RT: 15.517 min Scan# 2115

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

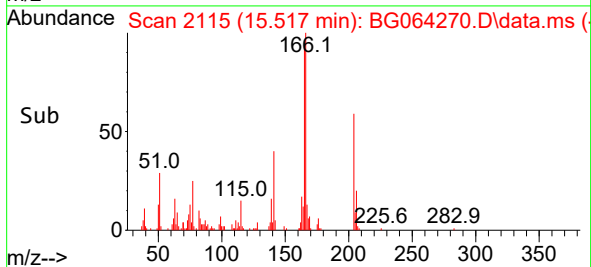
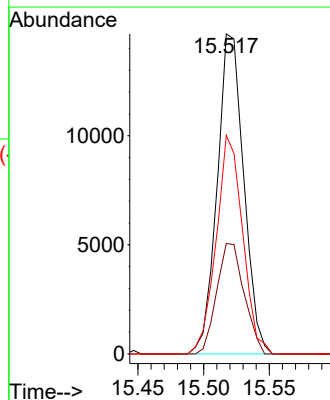
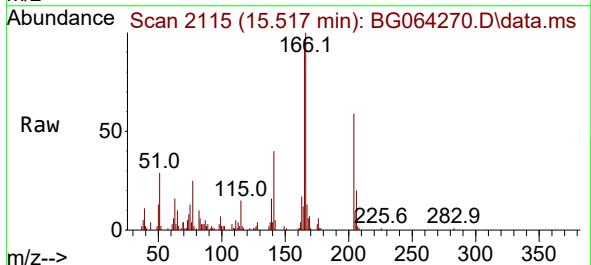
Tgt Ion:204 Resp: 20665

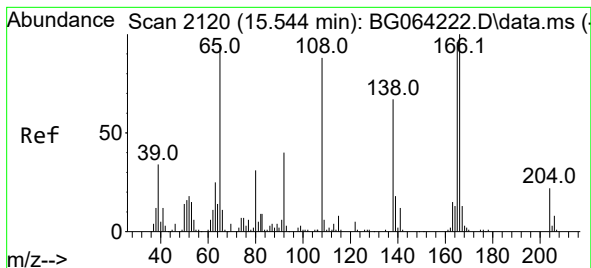
Ion Ratio Lower Upper

204 100

206 34.5 26.2 39.4

141 68.3 51.9 77.9

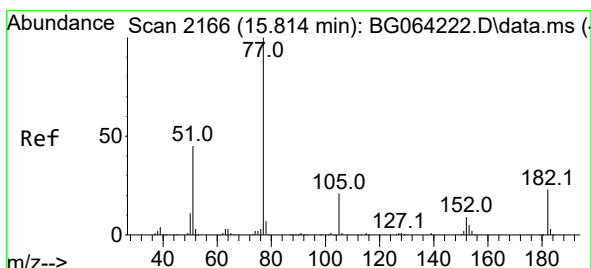
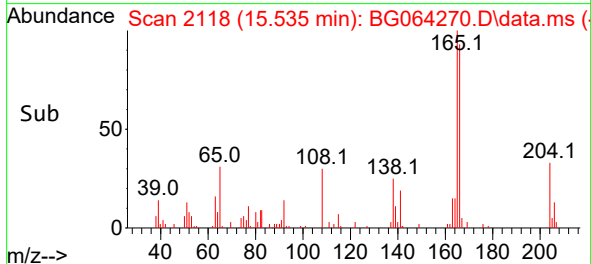
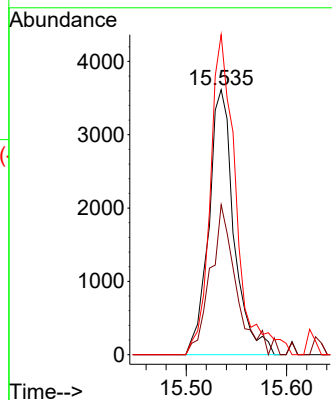
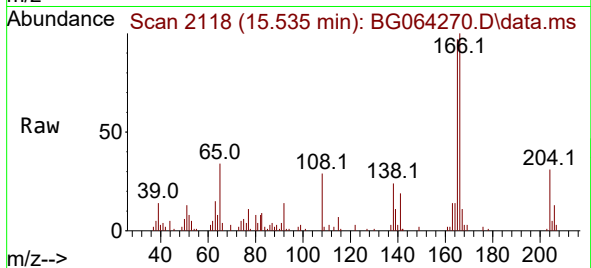




#62
4-Nitroaniline
Concen: 3.096 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.021 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

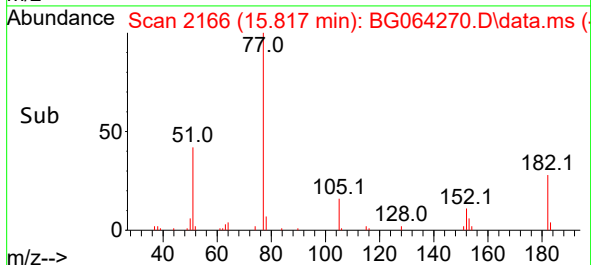
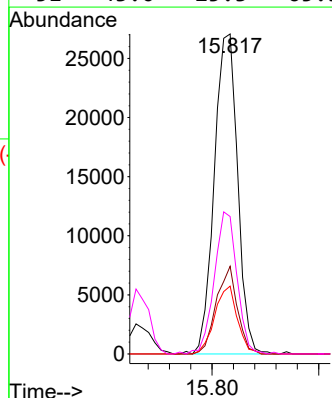
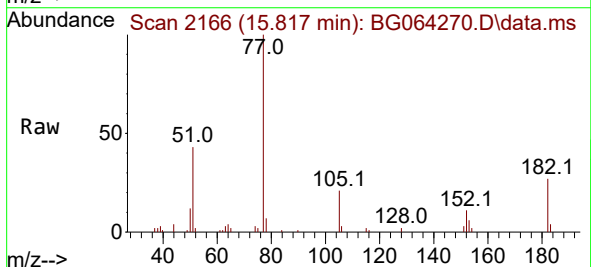
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

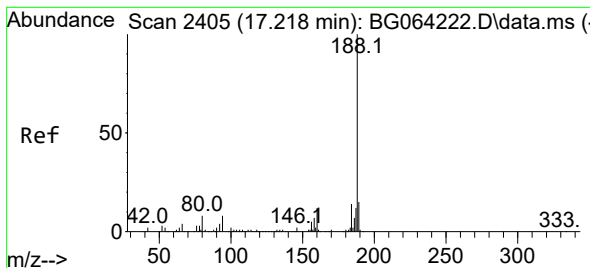
Tgt Ion:138 Resp: 6306
Ion Ratio Lower Upper
138 100
92 56.6 39.1 79.1
108 120.8 111.3 151.3



#63
Azobenzene
Concen: 4.374 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion: 77 Resp: 41066
Ion Ratio Lower Upper
77 100
182 27.4 3.3 43.3
105 21.2 0.6 40.6
51 43.0 25.3 65.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.215 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

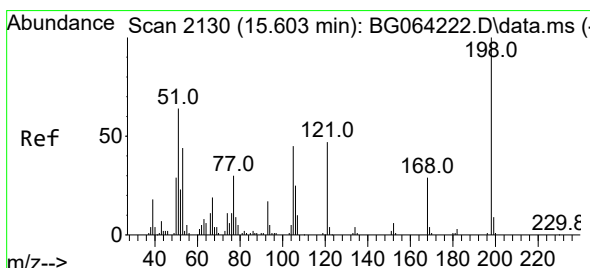
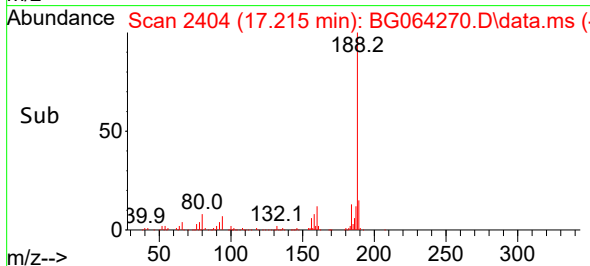
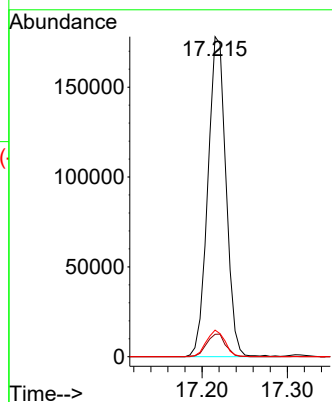
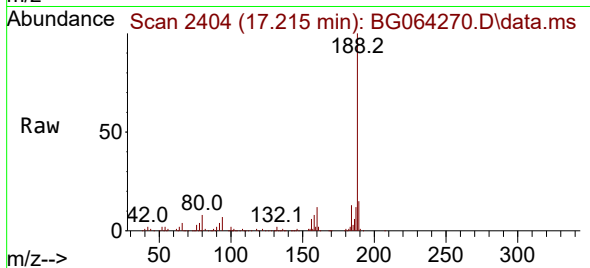
Tgt Ion:188 Resp: 263032

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

80 8.3 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.008 ng

RT: 15.594 min Scan# 2128

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

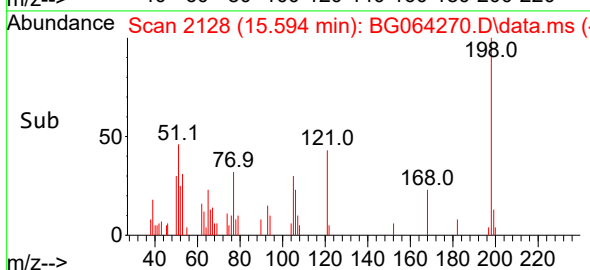
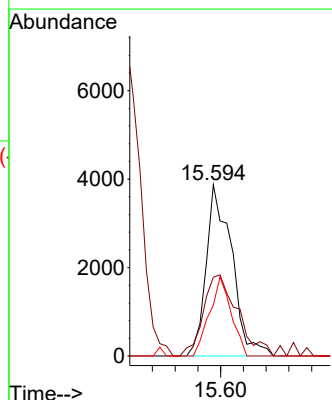
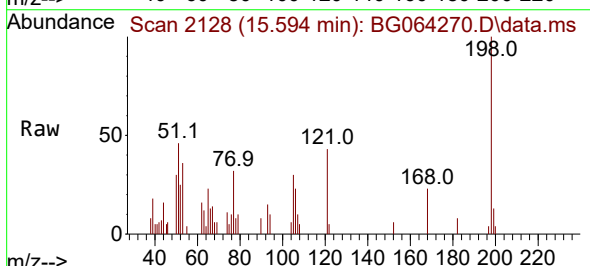
Tgt Ion:198 Resp: 6052

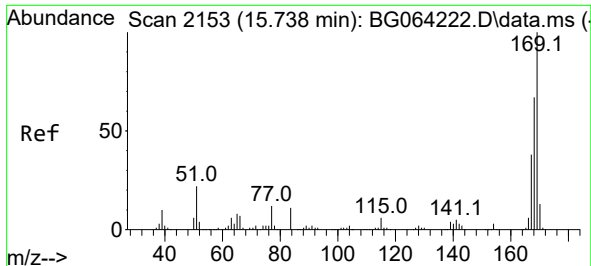
Ion Ratio Lower Upper

198 100

51 46.0 46.2 86.2#

105 29.8 25.0 65.0

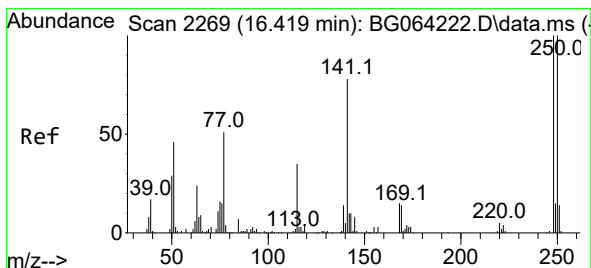
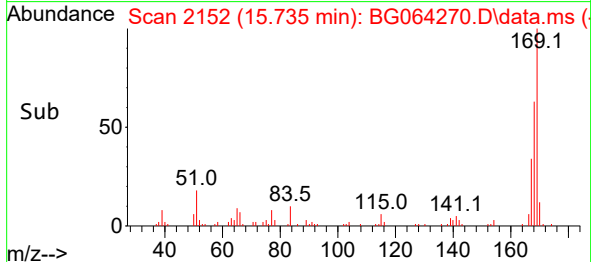
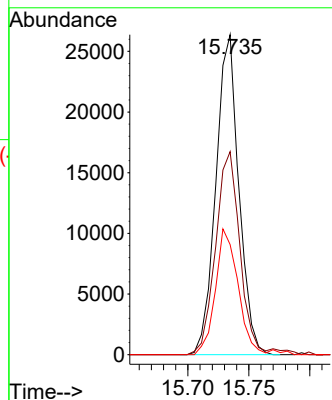
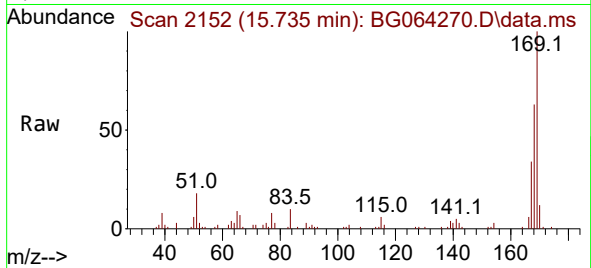




#66
n-Nitrosodiphenylamine
Concen: 4.780 ng
RT: 15.735 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

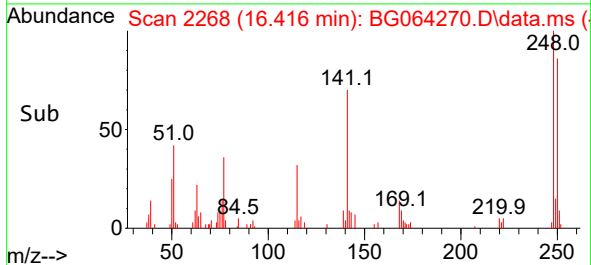
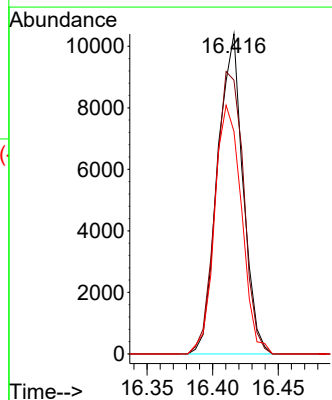
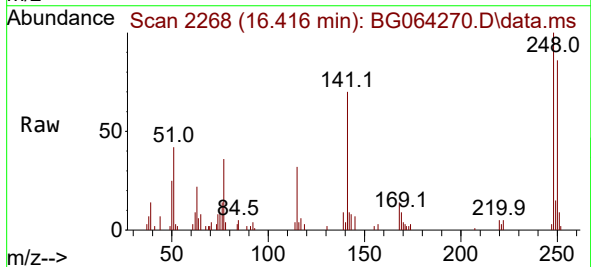
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

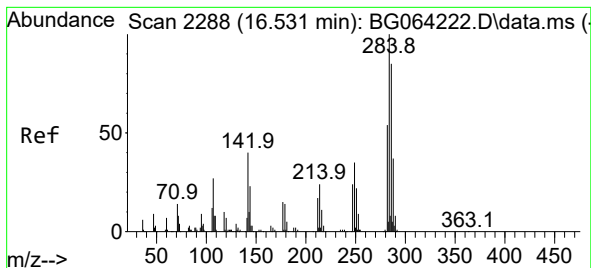
Tgt Ion:169 Resp: 34589
Ion Ratio Lower Upper
169 100
168 63.5 53.8 80.8
167 34.4 30.2 45.2



#67
4-Bromophenyl-phenylether
Concen: 5.006 ng
RT: 16.416 min Scan# 2268
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:248 Resp: 13986
Ion Ratio Lower Upper
248 100
250 85.5 80.2 120.4
141 69.6 62.4 93.6





#68

Hexachlorobenzene

Concen: 5.032 ng

RT: 16.528 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

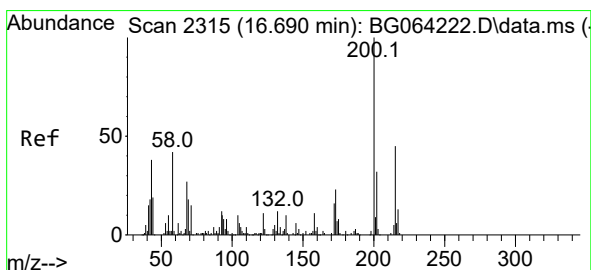
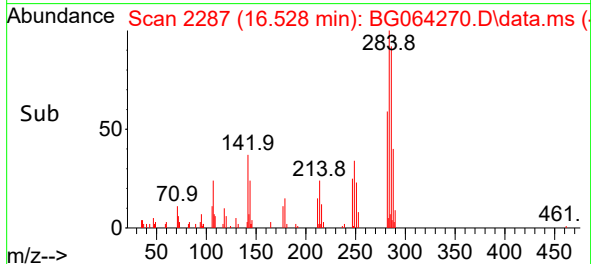
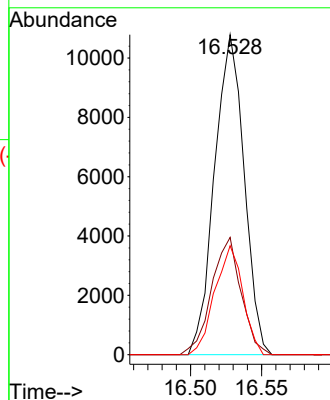
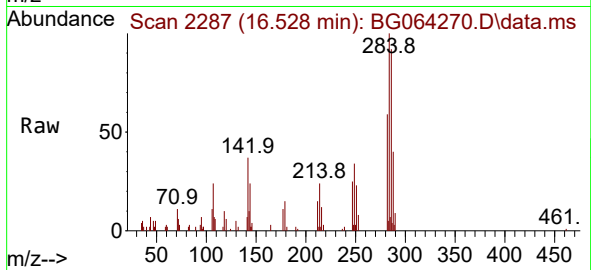
Tgt Ion:284 Resp: 15612

Ion Ratio Lower Upper

284 100

142 36.6 32.1 48.1

249 34.0 28.3 42.5



#69

Atrazine

Concen: 3.780 ng

RT: 16.681 min Scan# 2313

Delta R.T. -0.015 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

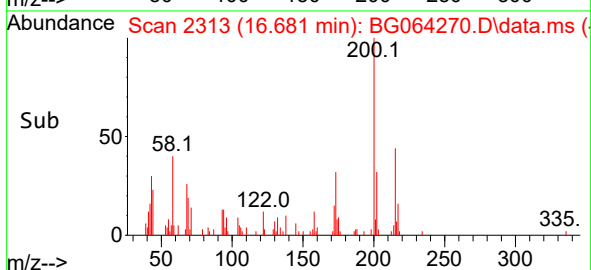
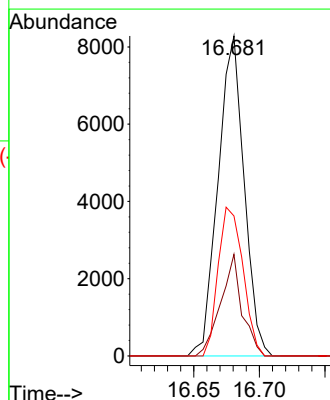
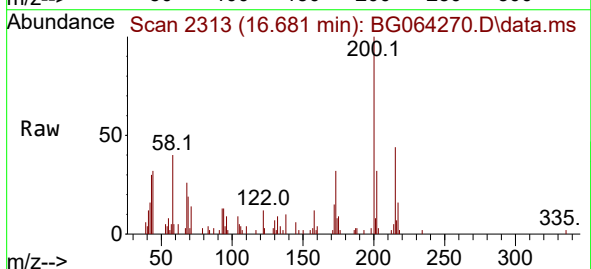
Tgt Ion:200 Resp: 11419

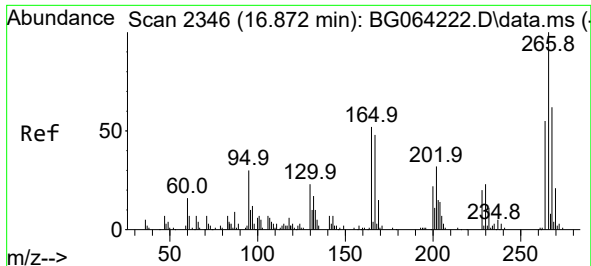
Ion Ratio Lower Upper

200 100

173 31.8 3.5 43.5

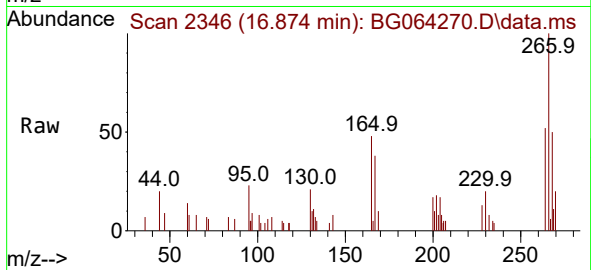
215 43.8 24.8 64.8



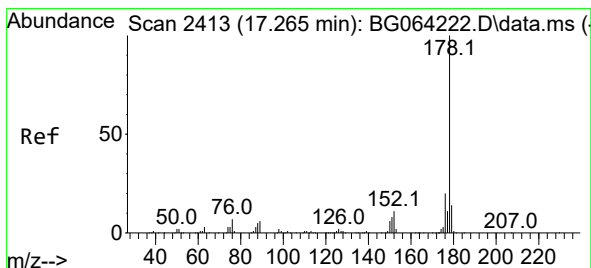
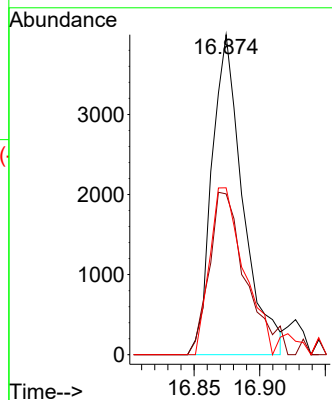
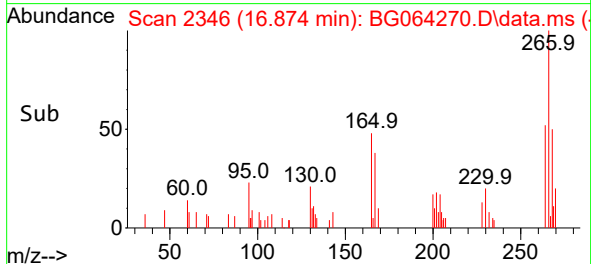


#70
Pentachlorophenol
Concen: 3.481 ng
RT: 16.874 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

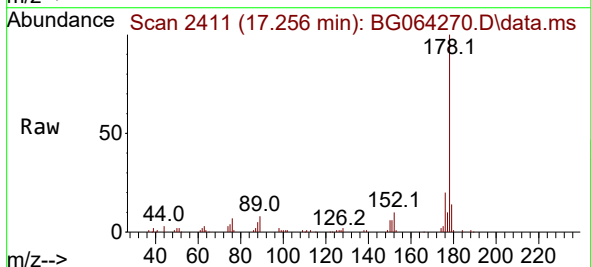
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



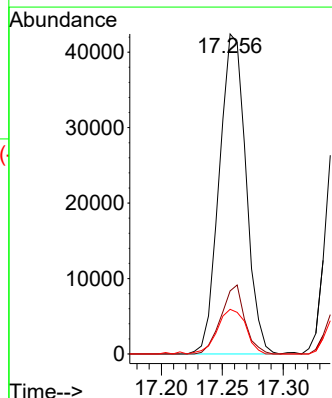
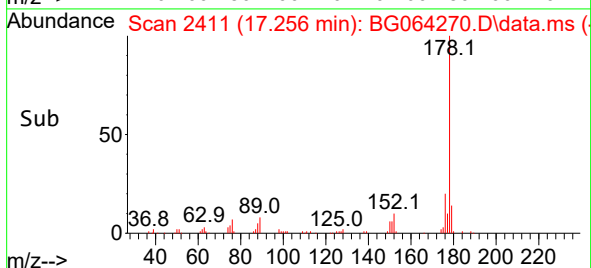
Tgt Ion:266 Resp: 6549
Ion Ratio Lower Upper
266 100
268 61.4 49.4 74.0
264 52.2 44.3 66.5

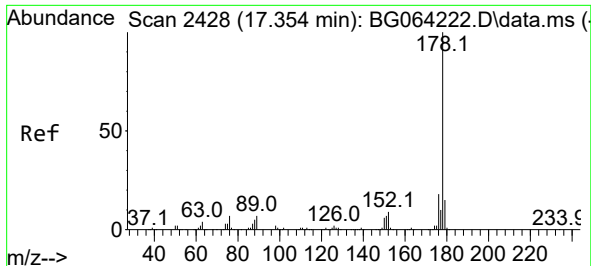


#71
Phenanthrene
Concen: 4.655 ng
RT: 17.256 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43



Tgt Ion:178 Resp: 64582
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 13.9 11.4 17.2

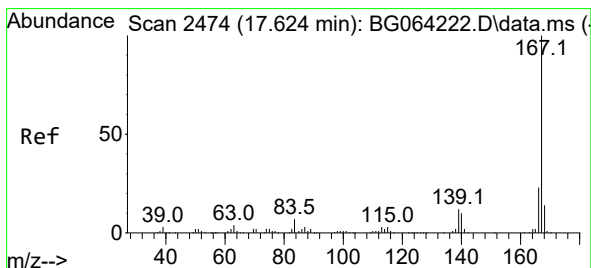
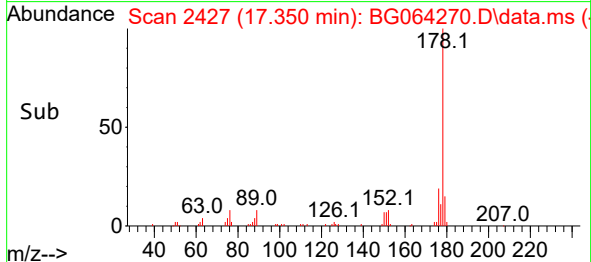
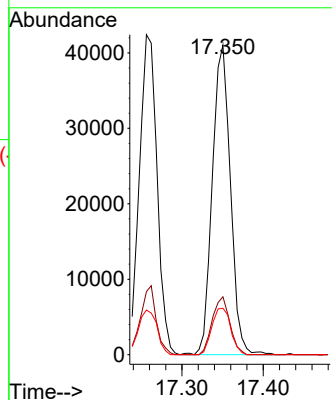
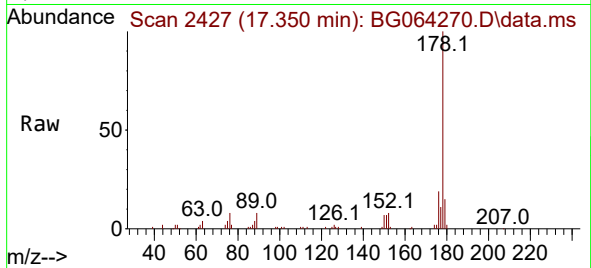




#72
 Anthracene
 Concen: 4.495 ng
 RT: 17.350 min Scan# 2428
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

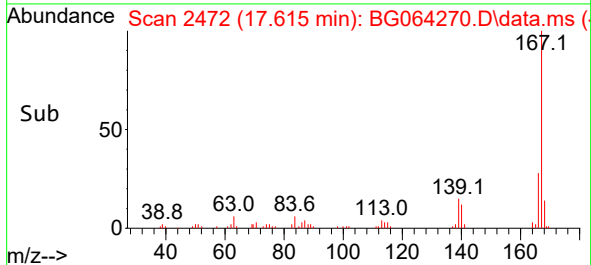
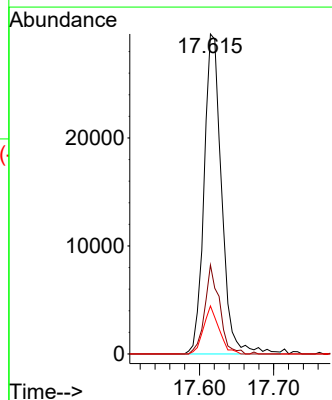
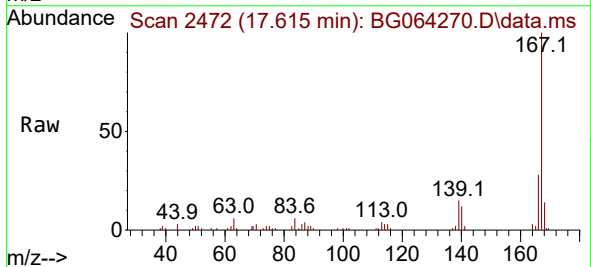
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

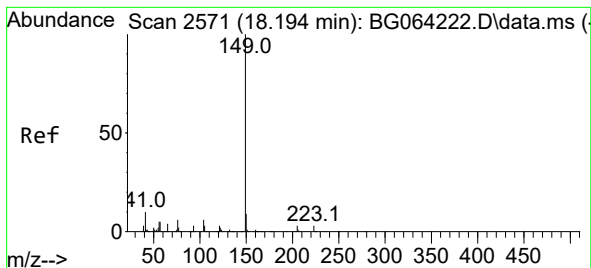
Tgt Ion:178 Resp: 63437
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.7 22.1
 179 15.0 12.1 18.1



#73
 Carbazole
 Concen: 3.930 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

Tgt Ion:167 Resp: 48853
 Ion Ratio Lower Upper
 167 100
 166 27.8 18.2 27.2#
 139 15.0 9.8 14.6#





#74

Di-n-butylphthalate

Concen: 3.878 ng

RT: 18.185 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

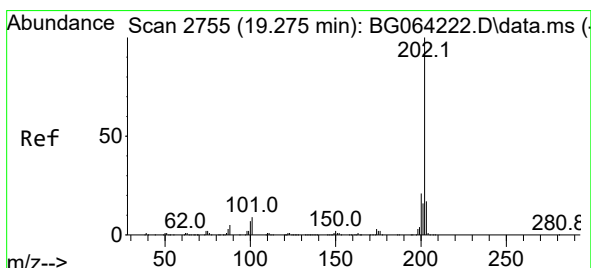
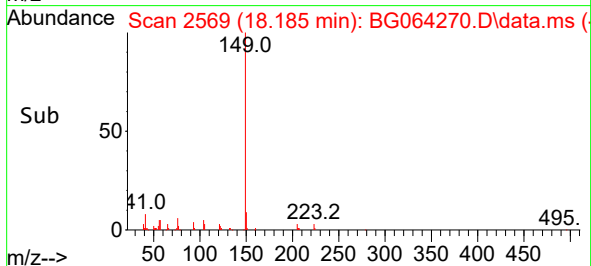
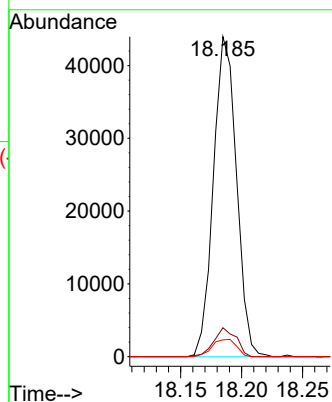
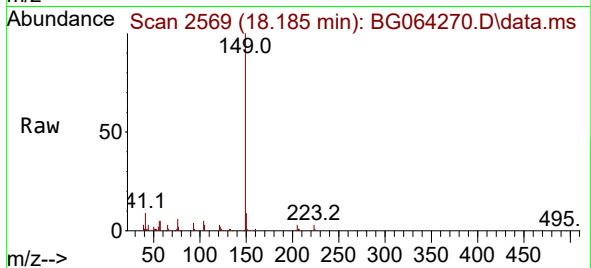
Tgt Ion:149 Resp: 57927

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 5.2 4.6 7.0



#75

Fluoranthene

Concen: 3.783 ng

RT: 19.272 min Scan# 2754

Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

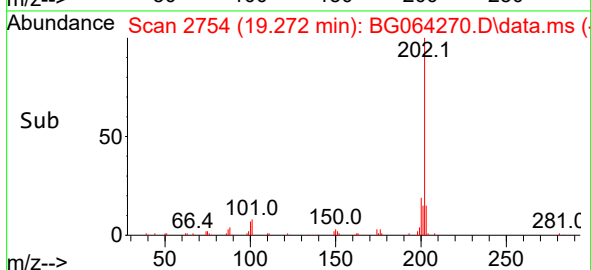
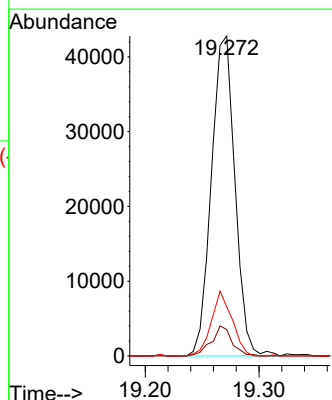
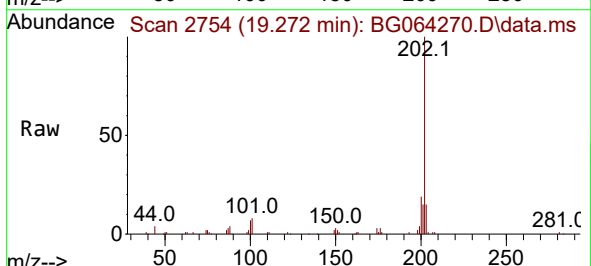
Tgt Ion:202 Resp: 61714

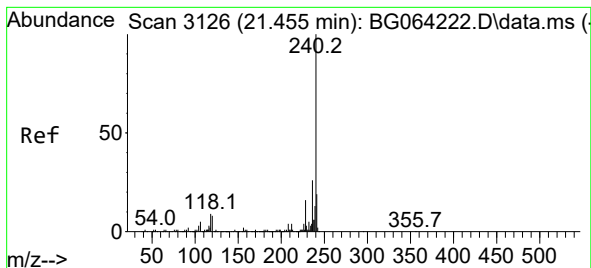
Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.7

203 15.3 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.446 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

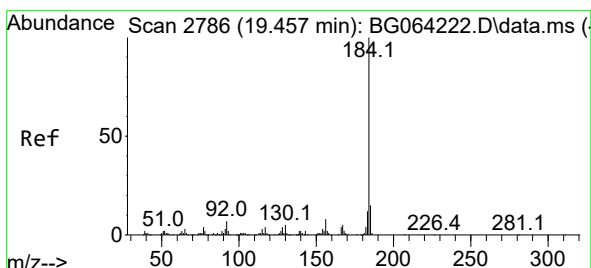
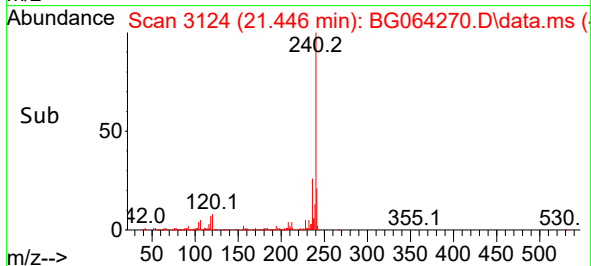
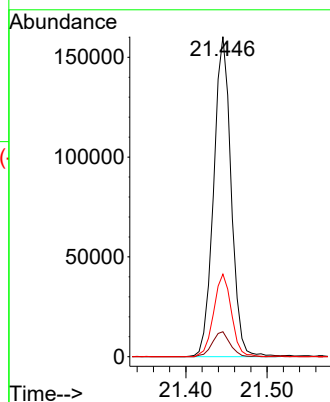
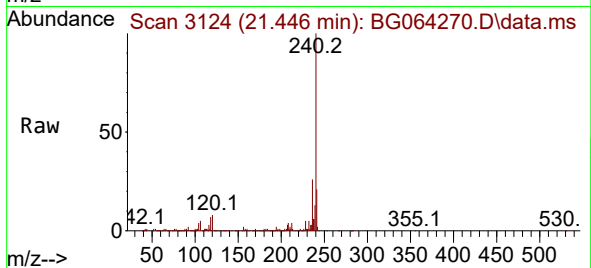
Tgt Ion:240 Resp: 239724

Ion Ratio Lower Upper

240 100

120 7.8 6.2 9.4

236 25.8 20.5 30.7



#77

Benzidine

Concen: 4.690 ng

RT: 19.448 min Scan# 2784

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

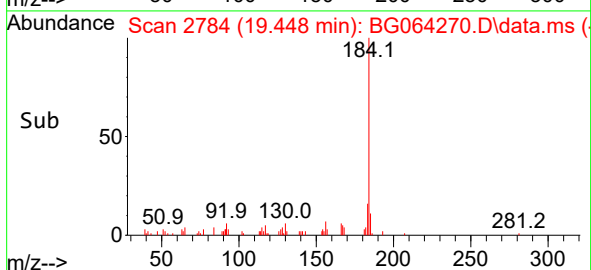
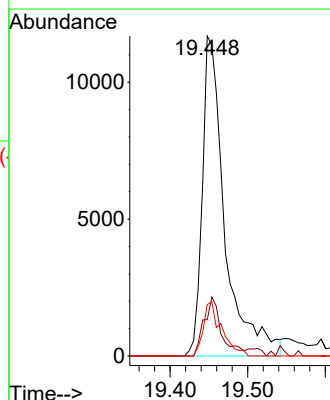
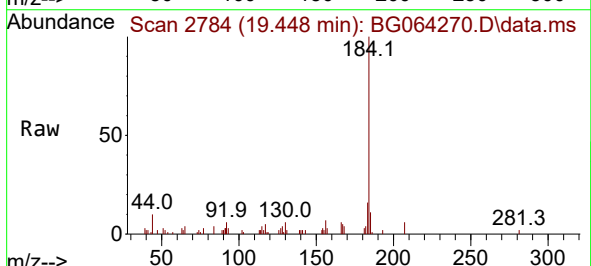
Tgt Ion:184 Resp: 23652

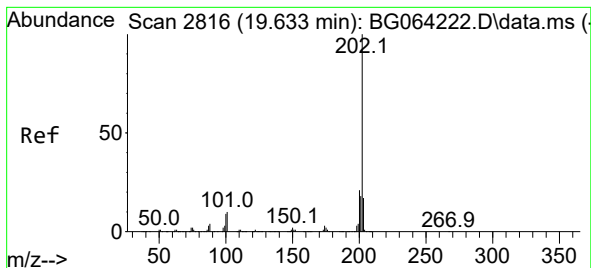
Ion Ratio Lower Upper

184 100

185 11.4 11.7 17.5#

183 16.0 9.7 14.5#





#78

Pyrene

Concen: 4.285 ng

RT: 19.630 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

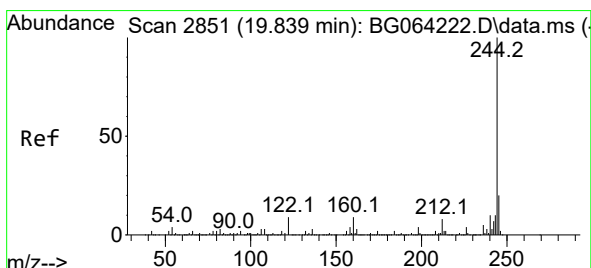
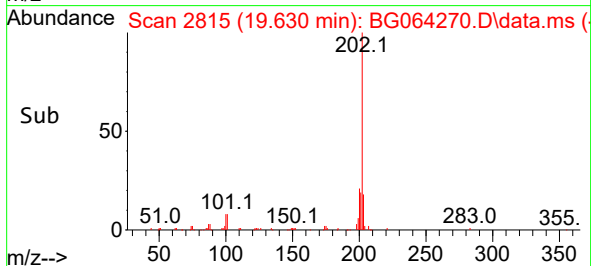
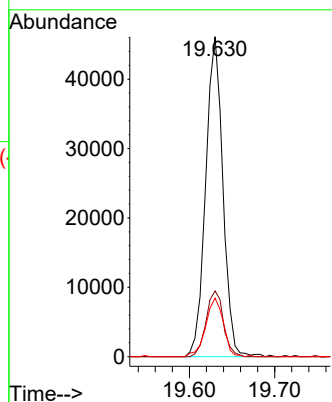
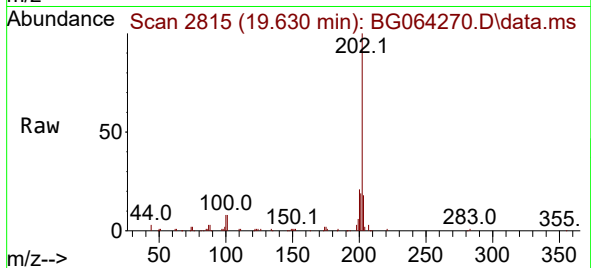
Tgt Ion:202 Resp: 64714

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 18.3 13.8 20.8



#79

Terphenyl-d14

Concen: 102.253 ng

RT: 19.836 min Scan# 2850

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

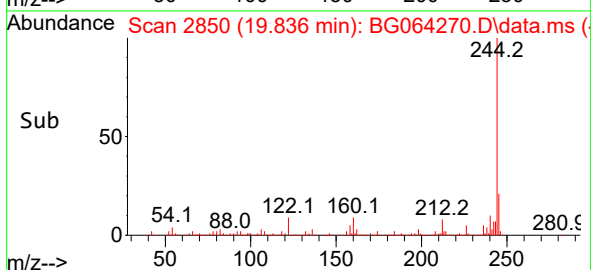
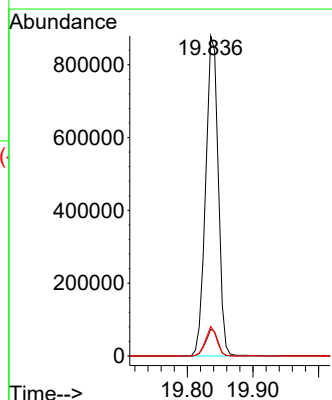
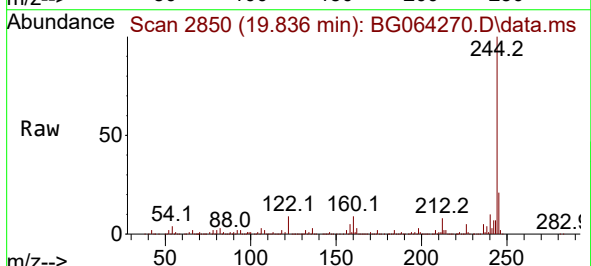
Tgt Ion:244 Resp: 1174894

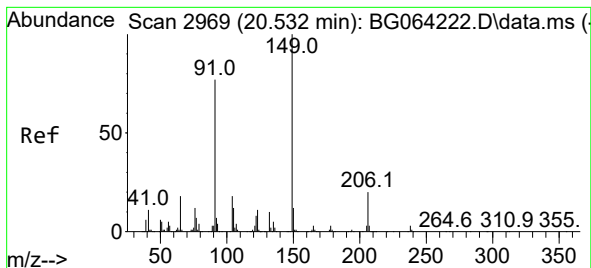
Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 9.2 7.0 10.6





#80

Butylbenzylphthalate

Concen: 4.536 ng

RT: 20.529 min Scan# 2968

Delta R.T. -0.004 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

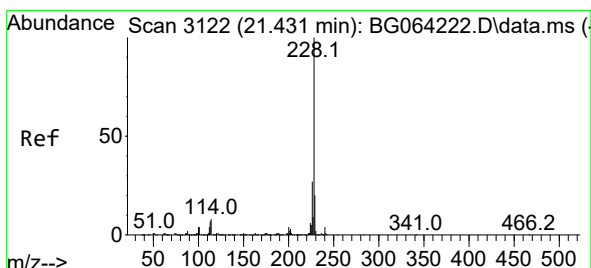
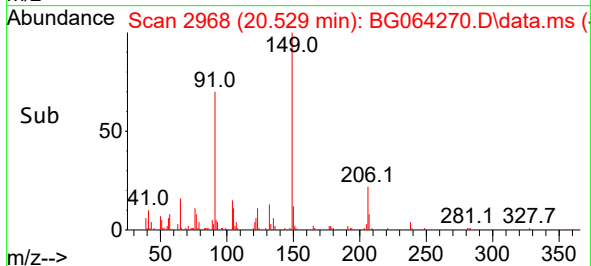
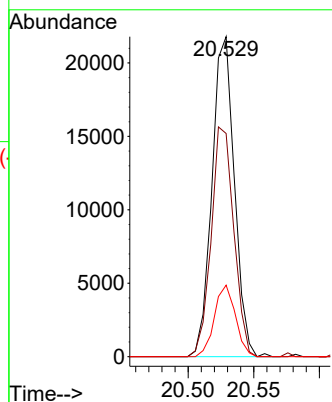
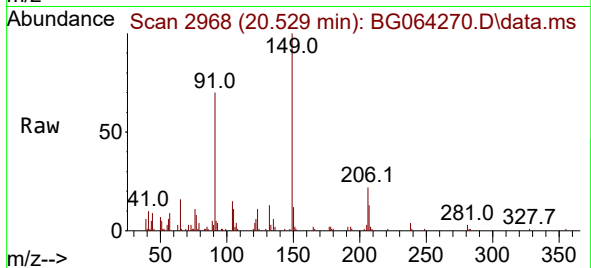
Tgt Ion:149 Resp: 25840

Ion Ratio Lower Upper

149 100

91 69.7 61.4 92.0

206 22.4 15.8 23.6



#81

Benzo(a)anthracene

Concen: 4.641 ng

RT: 21.428 min Scan# 3121

Delta R.T. -0.009 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

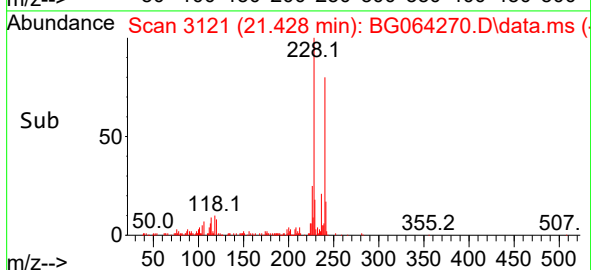
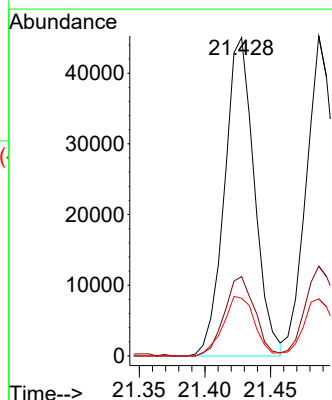
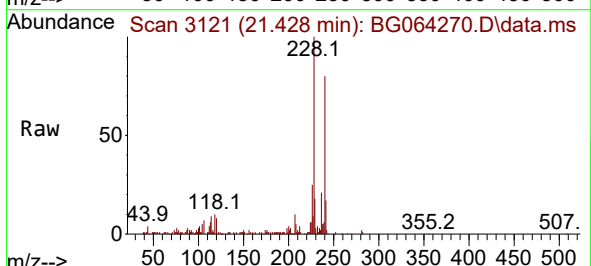
Tgt Ion:228 Resp: 71170

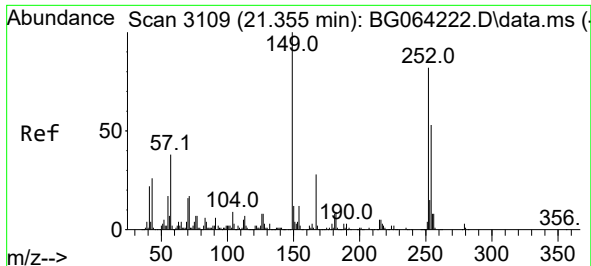
Ion Ratio Lower Upper

228 100

226 24.9 21.7 32.5

229 18.1 15.9 23.9

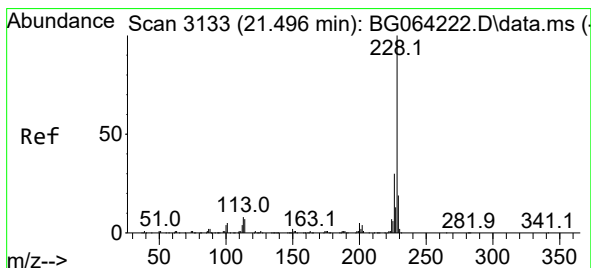
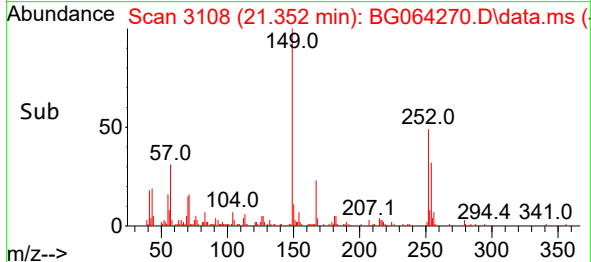
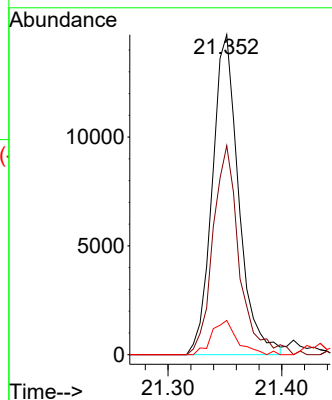
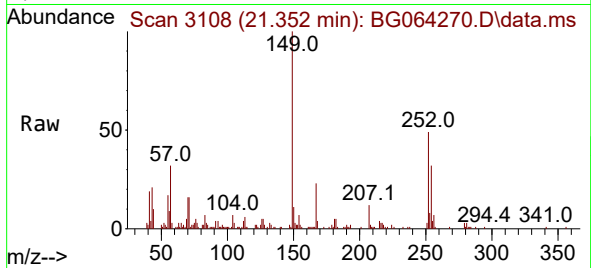




#82
 3,3'-Dichlorobenzidine
 Concen: 4.747 ng
 RT: 21.352 min Scan# 3109
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

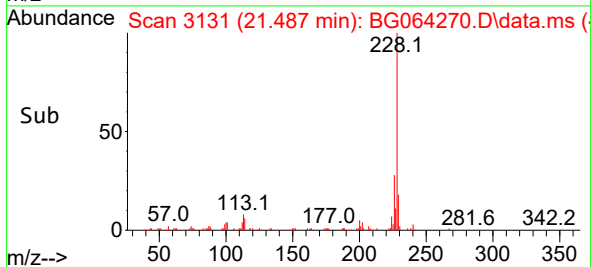
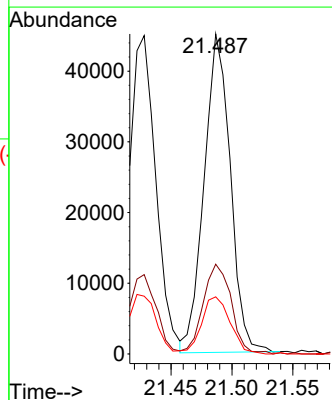
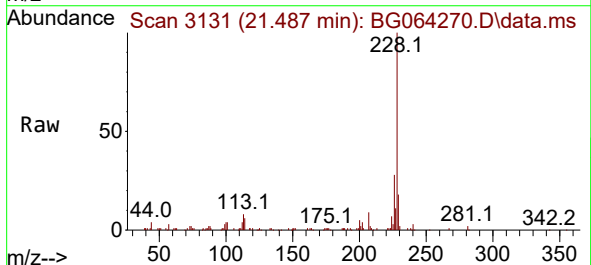
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

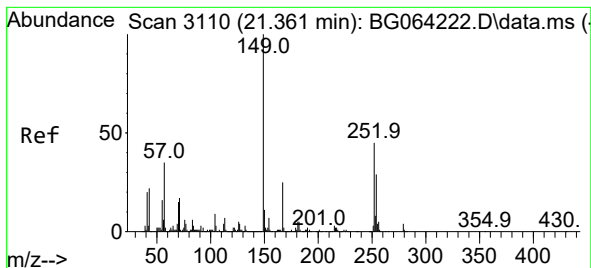
Tgt Ion:252 Resp: 23710
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 10.7 7.6 11.4



#83
 Chrysene
 Concen: 4.577 ng
 RT: 21.487 min Scan# 3131
 Delta R.T. -0.015 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

Tgt Ion:228 Resp: 67388
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.2 36.2
 229 17.9 15.4 23.2

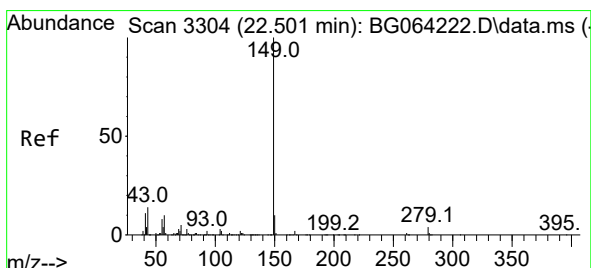
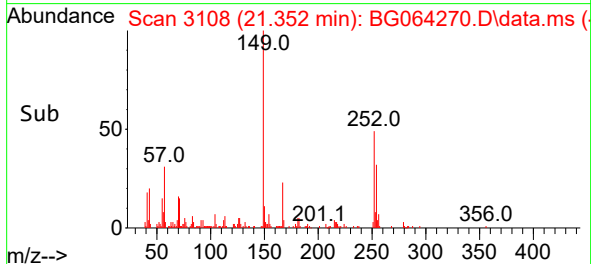
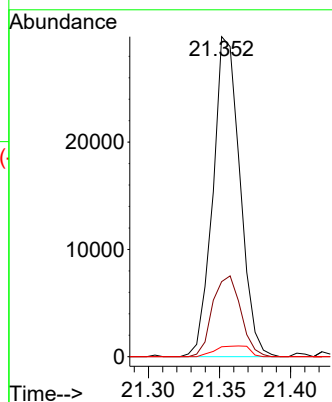
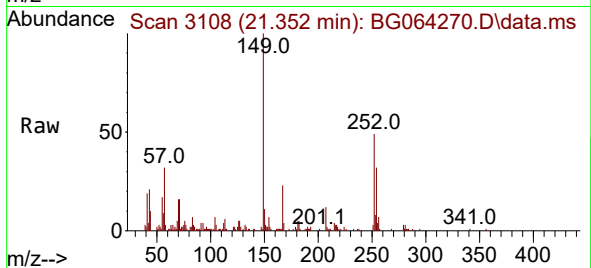




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.611 ng
 RT: 21.352 min Scan# 3110
 Delta R.T. -0.015 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

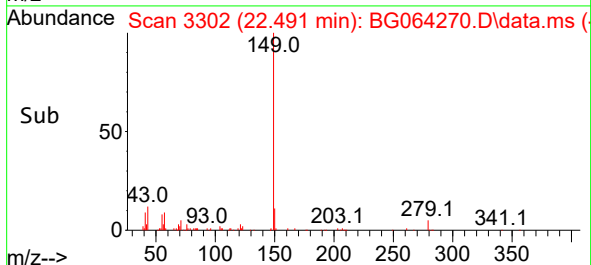
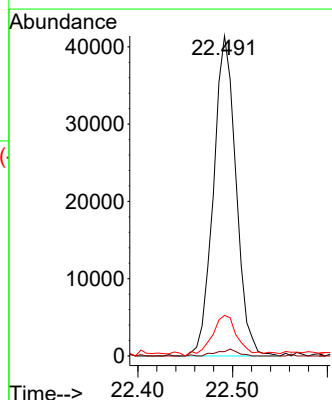
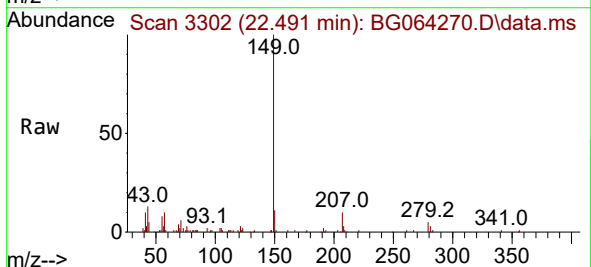
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT3-2025

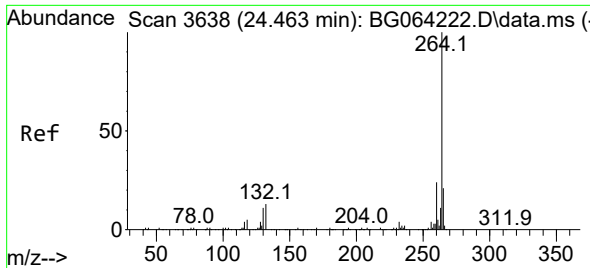
Tgt Ion:149 Resp: 39432
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.0 30.0
 279 3.1 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 4.594 ng
 RT: 22.491 min Scan# 3302
 Delta R.T. -0.015 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

Tgt Ion:149 Resp: 68462
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.3 1.9
 43 14.4 10.8 16.2

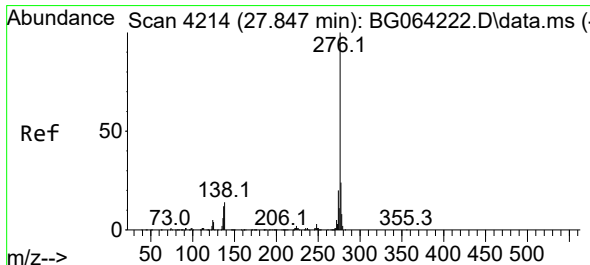
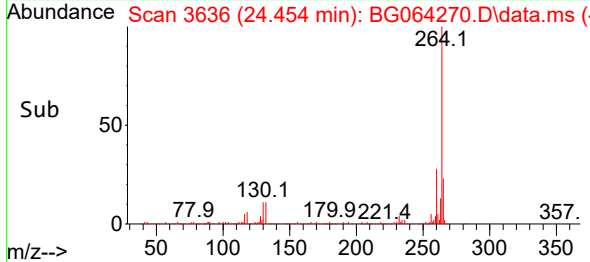
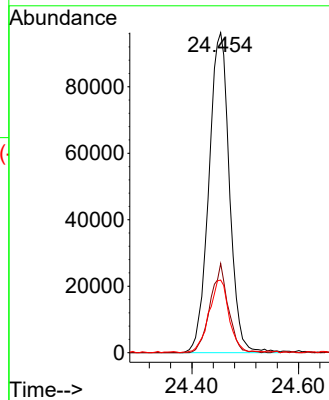
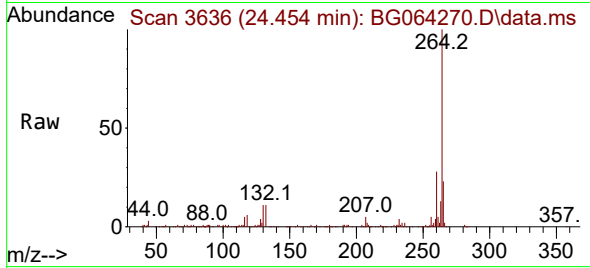




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.454 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

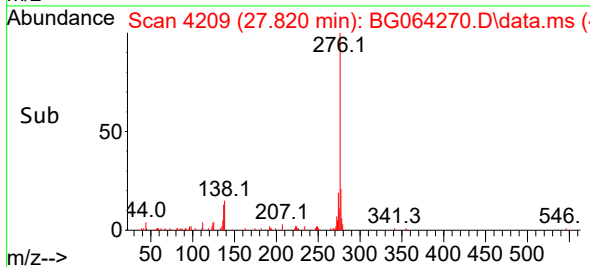
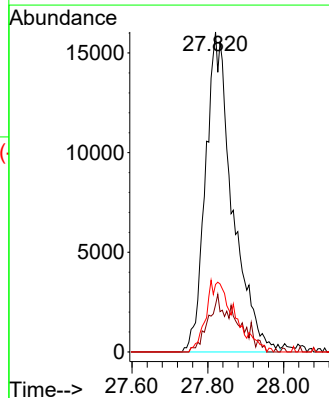
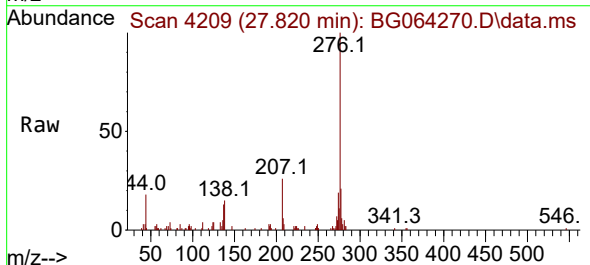
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

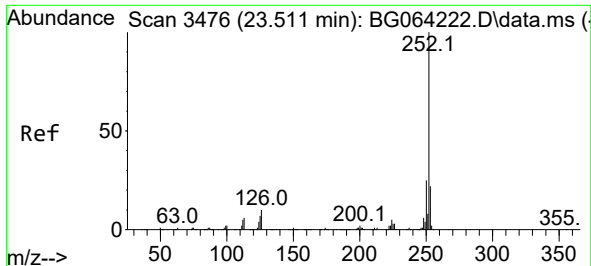
Tgt Ion:264 Resp: 257749
 Ion Ratio Lower Upper
 264 100
 260 27.8 18.9 28.3
 265 22.7 16.7 25.1



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.503 ng
 RT: 27.820 min Scan# 4209
 Delta R.T. -0.051 min
 Lab File: BG064270.D
 Acq: 4 Sep 2025 2:43

Tgt Ion:276 Resp: 79268
 Ion Ratio Lower Upper
 276 100
 138 9.7 7.4 11.0
 277 7.1 20.5 30.7#

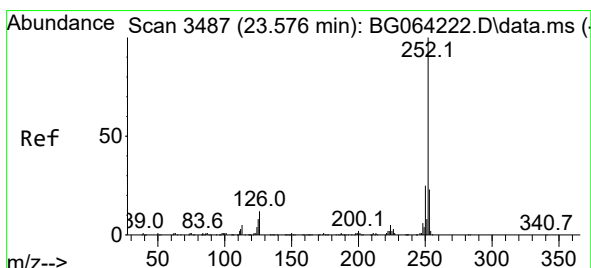
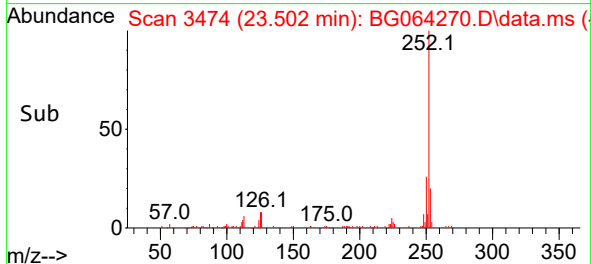
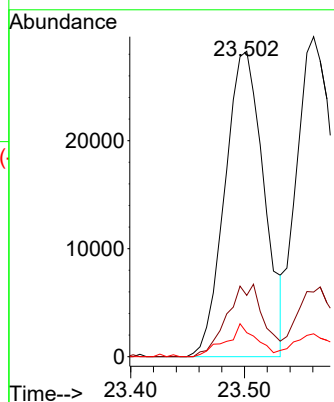
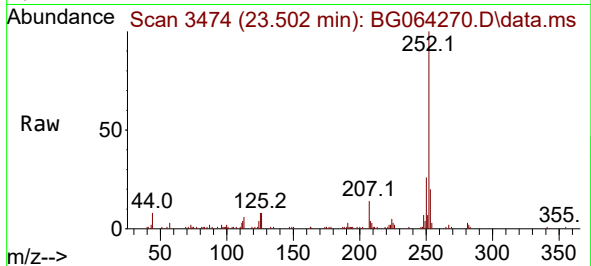




#88
Benzo(b)fluoranthene
Concen: 4.634 ng
RT: 23.502 min Scan# 3476
Delta R.T. -0.015 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

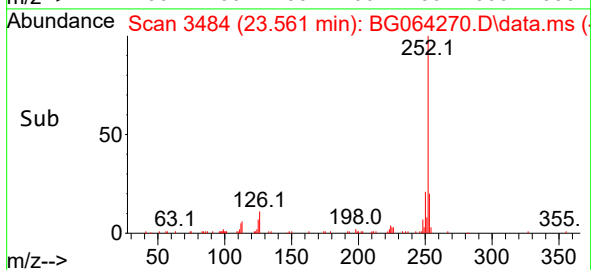
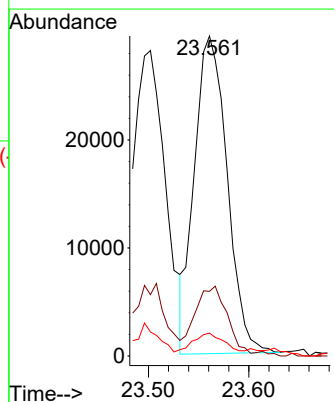
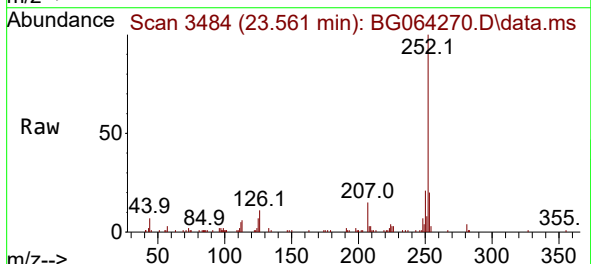
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

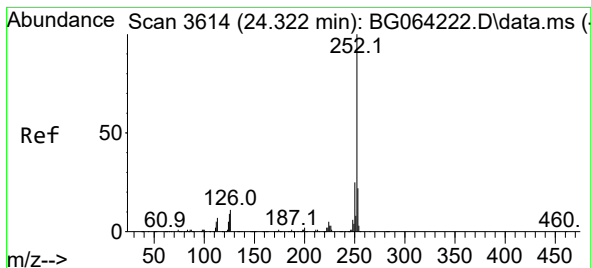
Tgt Ion:252 Resp: 67415
Ion Ratio Lower Upper
252 100
253 20.0 17.5 26.3
125 7.9 5.9 8.9



#89
Benzo(k)fluoranthene
Concen: 4.502 ng
RT: 23.561 min Scan# 3484
Delta R.T. -0.027 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Tgt Ion:252 Resp: 66715
Ion Ratio Lower Upper
252 100
253 20.2 18.2 27.4
125 7.2 7.0 10.4





#90

Benzo(a)pyrene

Concen: 4.817 ng

RT: 24.307 min Scan# 3

Delta R.T. -0.021 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

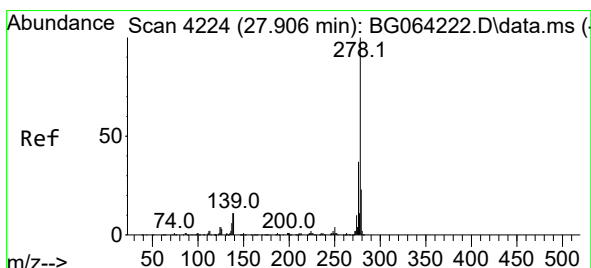
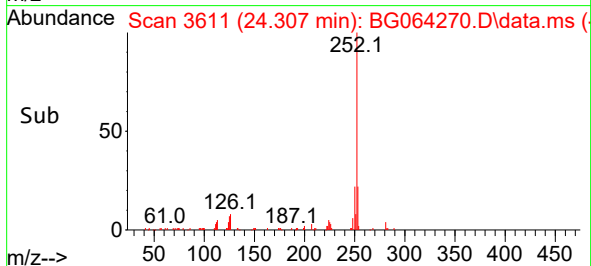
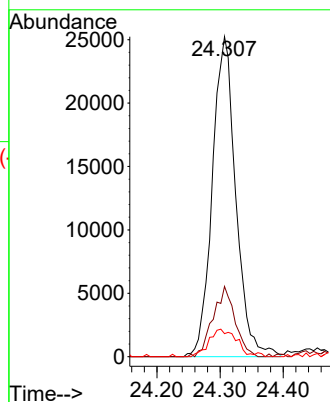
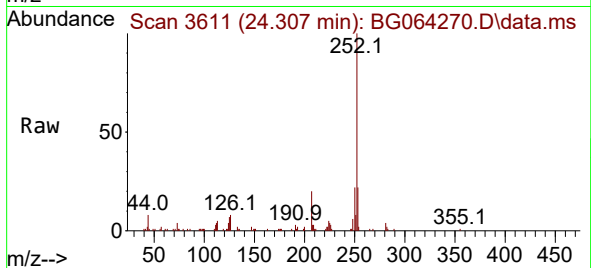
Tgt Ion:252 Resp: 65189

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 7.2 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 4.547 ng

RT: 27.891 min Scan# 4221

Delta R.T. -0.033 min

Lab File: BG064270.D

Acq: 4 Sep 2025 2:43

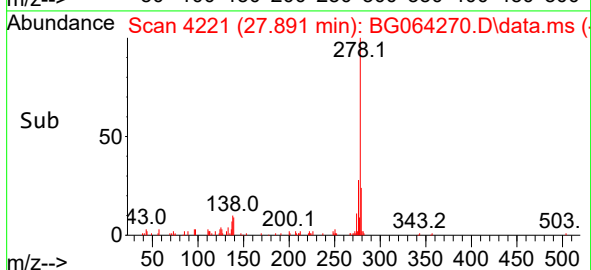
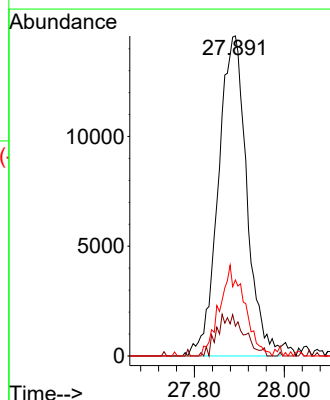
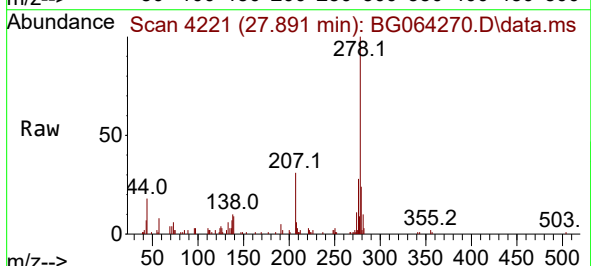
Tgt Ion:278 Resp: 64264

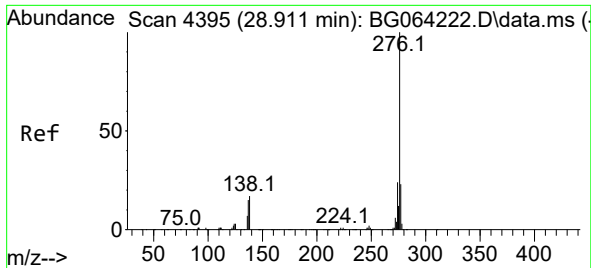
Ion Ratio Lower Upper

278 100

139 9.3 9.0 13.4

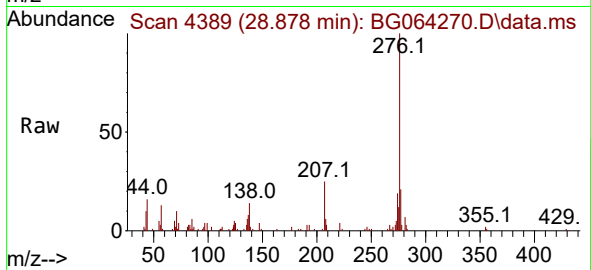
279 23.8 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 4.644 ng
RT: 28.878 min Scan# 41
Delta R.T. -0.056 min
Lab File: BG064270.D
Acq: 4 Sep 2025 2:43

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025



Tgt Ion:276 Resp: 63867
Ion Ratio Lower Upper
276 100
277 21.4 18.2 27.4
138 14.5 13.3 19.9

