

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064013.D
 Acq On : 6 Feb 2025 12:13
 Operator : RC/JU
 Sample : P1187-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 06 12:49:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	59581	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	260304	20.000	ng	0.00
39) Acenaphthene-d10	14.494	164	170943	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	384955	20.000	ng	0.00
76) Chrysene-d12	21.474	240	419839	20.000	ng	0.00
86) Perylene-d12	24.506	264	446462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	492895	132.637	ng	0.00
7) Phenol-d6	7.038	99	674759	132.314	ng	0.00
23) Nitrobenzene-d5	9.024	82	457230	106.753	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	246149	125.264	ng	0.00
45) 2-Fluorobiphenyl	13.125	172	1038370	93.068	ng	0.00
79) Terphenyl-d14	19.864	244	1805410	89.809	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.395	88	10731	6.080	ng	# 85
3) Pyridine	3.783	79	19470	4.086	ng	# 91
4) n-Nitrosodimethylamine	3.695	42	13265m	4.841	ng	
6) Aniline	7.202	93	25485	4.663	ng	94
8) 2-Chlorophenol	7.437	128	18841	4.976	ng	92
9) Benzaldehyde	7.014	77	19700	7.076	ng	94
10) Phenol	7.061	94	24291	4.525	ng	91
11) bis(2-Chloroethyl)ether	7.302	93	19491	4.509	ng	88
12) 1,3-Dichlorobenzene	7.766	146	20713	4.597	ng	91
13) 1,4-Dichlorobenzene	7.907	146	20654	4.539	ng	95
14) 1,2-Dichlorobenzene	8.225	146	20464	4.692	ng	98
15) Benzyl Alcohol	8.101	79	16647	4.367	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.395	45	42884	4.927	ng	98
17) 2-Methylphenol	8.307	107	14400	4.148	ng	90
18) Hexachloroethane	8.953	117	7032	4.695	ng	92
19) n-Nitroso-di-n-propyla...	8.671	70	16105	4.560	ng	99
20) 3+4-Methylphenols	8.630	107	19598	4.237	ng	92
22) Acetophenone	8.689	105	31388	4.389	ng	# 97
24) Nitrobenzene	9.059	77	24879	8.450	ng	90
25) Isophorone	9.582	82	40712	4.385	ng	96
26) 2-Nitrophenol	9.770	139	5176	9.098	ng	95
27) 2,4-Dimethylphenol	9.829	122	7035	2.634	ng	83
28) bis(2-Chloroethoxy)met...	10.069	93	24002	4.063	ng	98
29) 2,4-Dichlorophenol	10.305	162	13544	7.211	ng	89
30) 1,2,4-Trichlorobenzene	10.522	180	20053	4.570	ng	99
31) Naphthalene	10.710	128	62084	4.449	ng	100
32) Benzoic acid	9.911	122	2303m	7.247	ng	
33) 4-Chloroaniline	10.810	127	22487	4.205	ng	94
34) Hexachlorobutadiene	11.004	225	12612	4.513	ng	97
35) Caprolactam	11.544	113	4648	8.345	ng	94
36) 4-Chloro-3-methylphenol	11.932	107	19282	4.510	ng	96
37) 2-Methylnaphthalene	12.320	142	42331	4.353	ng	94
38) 1-Methylnaphthalene	12.537	142	38483	3.999	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.684	216	23066	4.576	ng	99
41) Hexachlorocyclopentadiene	12.672	237	4446	3.485	ng	93
43) 2,4,6-Trichlorophenol	12.925	196	10305	8.020	ng	88

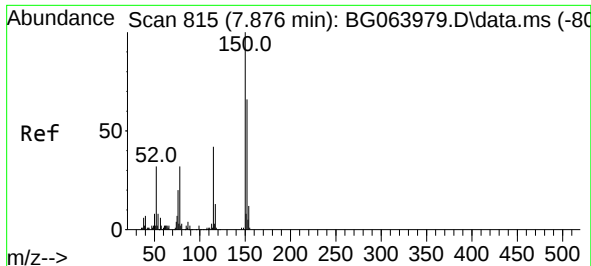
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064013.D
 Acq On : 6 Feb 2025 12:13
 Operator : RC/JU
 Sample : P1187-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 06 12:49:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.995	196	12259	7.315	ng	# 88
46) 1,1'-Biphenyl	13.330	154	60653	4.660	ng	97
47) 2-Chloronaphthalene	13.371	162	42559	4.486	ng	97
48) 2-Nitroaniline	13.560	65	9878	8.587	ng	90
49) Acenaphthylene	14.218	152	66500	4.513	ng	98
50) Dimethylphthalate	13.953	163	51504	4.544	ng	# 99
51) 2,6-Dinitrotoluene	14.065	165	7343	7.967	ng	100
52) Acenaphthene	14.558	154	44314	4.484	ng	99
53) 3-Nitroaniline	14.382	138	8256	8.255	ng	94
54) 2,4-Dinitrophenol	14.594	184	1392	6.481	ng	94
55) Dibenzofuran	14.893	168	69090	4.305	ng	98
56) 4-Nitrophenol	14.688	139	6798	11.209	ng	93
57) 2,4-Dinitrotoluene	14.846	165	9992	8.601	ng	# 83
58) Fluorene	15.540	166	53955	4.350	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.117	232	11787	8.476	ng	# 96
60) Diethylphthalate	15.322	149	52248	4.348	ng	98
61) 4-Chlorophenyl-phenyle...	15.540	204	28090	4.513	ng	99
62) 4-Nitroaniline	15.545	138	8935	6.993	ng	91
63) Azobenzene	15.833	77	56336	3.969	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	2764	6.973	ng	86
66) n-Nitrosodiphenylamine	15.751	169	43948	4.118	ng	93
67) 4-Bromophenyl-phenylether	16.433	248	17814	4.649	ng	99
68) Hexachlorobenzene	16.544	284	20548	4.561	ng	93
69) Atrazine	16.697	200	17809	5.014	ng	92
70) Pentachlorophenol	16.885	266	8668	11.315	ng	98
71) Phenanthrene	17.279	178	92358	4.568	ng	95
72) Anthracene	17.367	178	84270	4.165	ng	99
73) Carbazole	17.631	167	81766	4.317	ng	98
74) Di-n-butylphthalate	18.213	149	87288	4.422	ng	99
75) Fluoranthene	19.288	202	107116	4.351	ng	99
77) Benzidine	19.470	184	26019m	2.910	ng	
78) Pyrene	19.652	202	126237	4.870	ng	98
80) Butylbenzylphthalate	20.557	149	32614	8.743	ng	95
81) Benzo(a)anthracene	21.450	228	121312	4.551	ng	98
82) 3,3'-Dichlorobenzidine	21.374	252	36865	4.441	ng	93
83) Chrysene	21.515	228	123500	4.656	ng	99
84) Bis(2-ethylhexyl)phtha...	21.397	149	55892	7.961	ng	99
85) Di-n-octyl phthalate	22.549	149	90493	10.200	ng	98
87) Indeno(1,2,3-cd)pyrene	27.907	276	132252	4.592	ng	# 78
88) Benzo(b)fluoranthene	23.542	252	113003	4.298	ng	97
89) Benzo(k)fluoranthene	23.607	252	114445	4.240	ng	98
90) Benzo(a)pyrene	24.359	252	106052	4.519	ng	96
91) Dibenzo(a,h)anthracene	27.966	278	106478	4.378	ng	# 96
92) Benzo(g,h,i)perylene	28.959	276	104289	4.248	ng	99

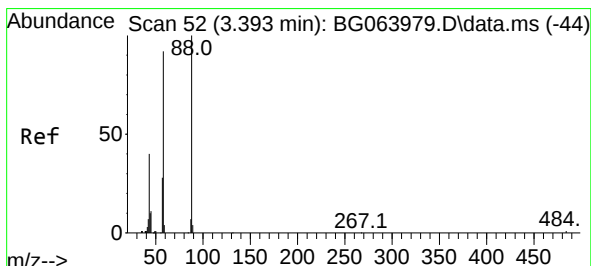
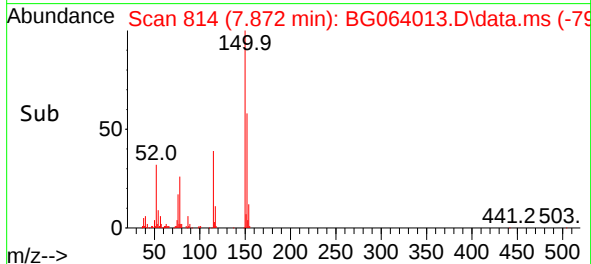
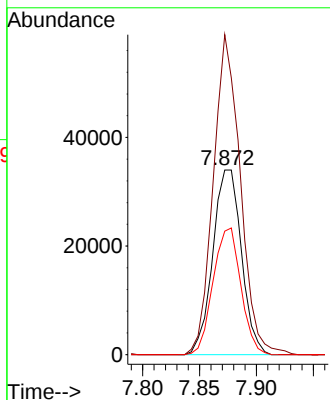
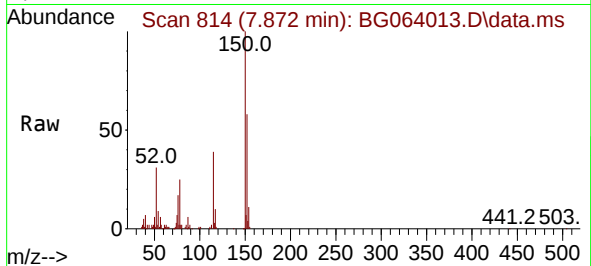
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.872 min Scan# 815
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

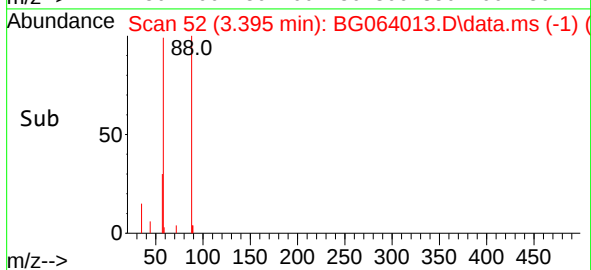
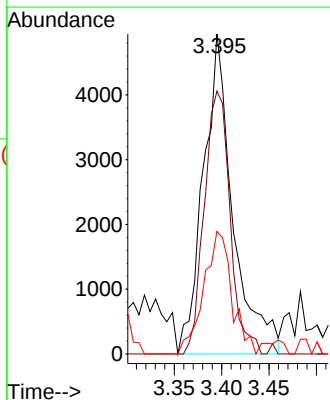
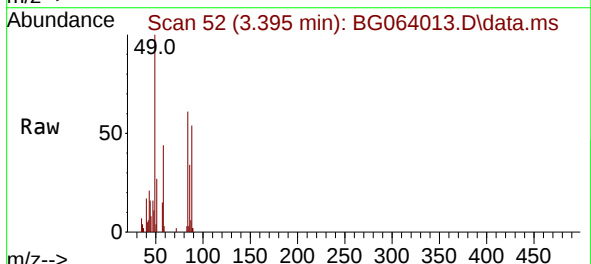
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2024

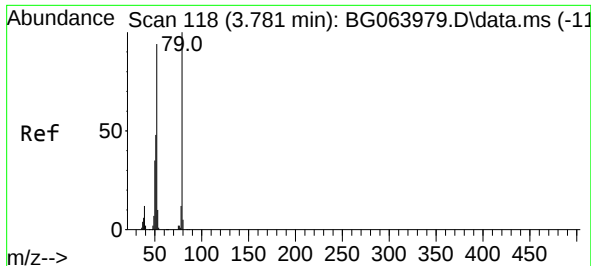
Tgt Ion:152 Resp: 59581
Ion Ratio Lower Upper
152 100
150 173.3 121.0 181.6
115 66.9 50.4 75.6



#2
1,4-Dioxane
Concen: 6.080 ng
RT: 3.395 min Scan# 52
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion: 88 Resp: 10731
Ion Ratio Lower Upper
88 100
58 71.6 71.8 107.8
43 36.2 31.2 46.8

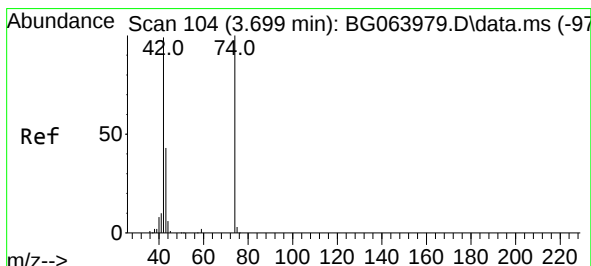
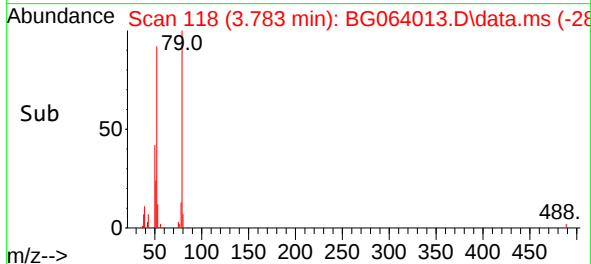
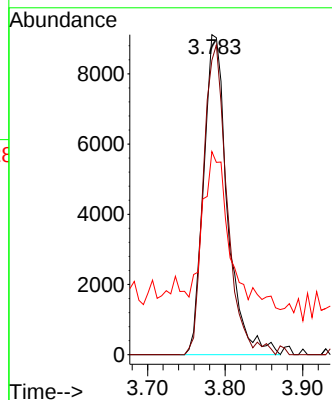
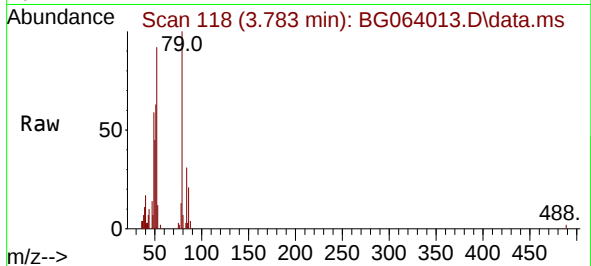




#3
Pyridine
Concen: 4.086 ng
RT: 3.783 min Scan# 118
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

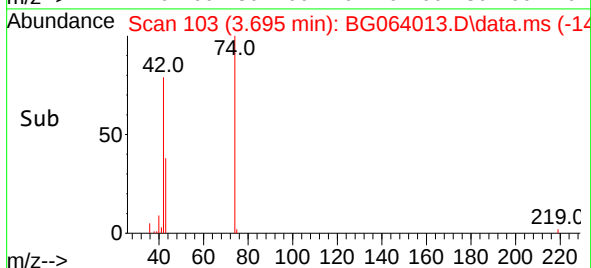
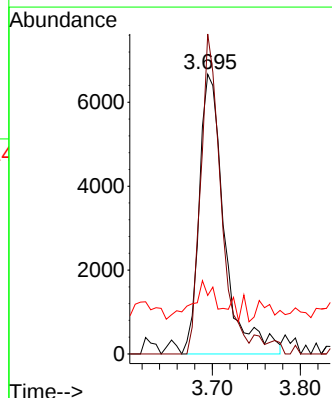
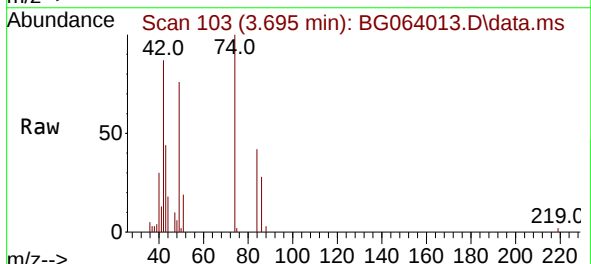
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

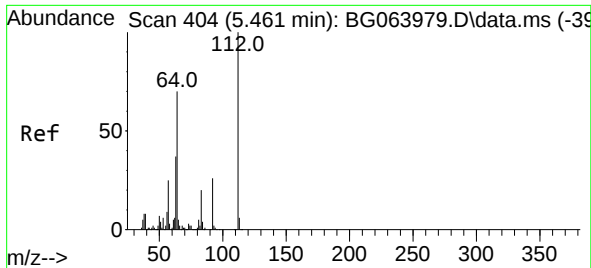
Tgt Ion: 79 Resp: 19470
Ion Ratio Lower Upper
79 100
52 92.0 75.1 112.7
51 63.5 38.9 58.3#



#4
n-Nitrosodimethylamine
Concen: 4.841 ng m
RT: 3.695 min Scan# 103
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion: 42 Resp: 13265
Ion Ratio Lower Upper
42 100
74 114.4 80.8 121.2
44 20.9 5.8 8.6#

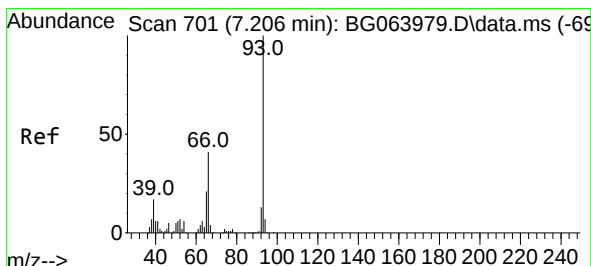
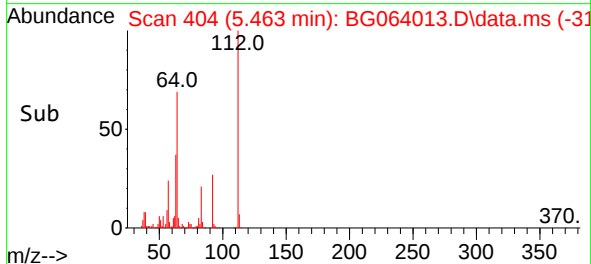
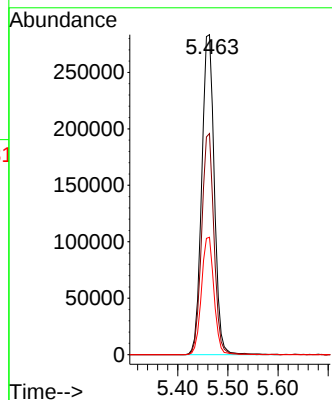
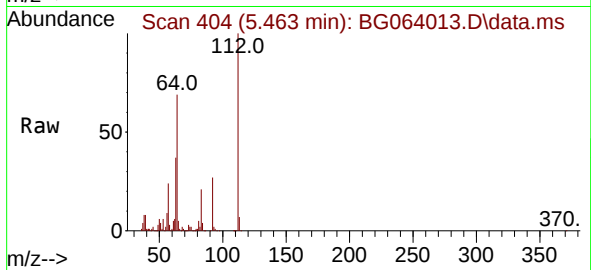




#5
2-Fluorophenol
Concen: 132.637 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

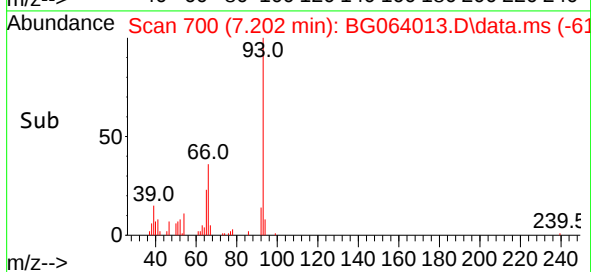
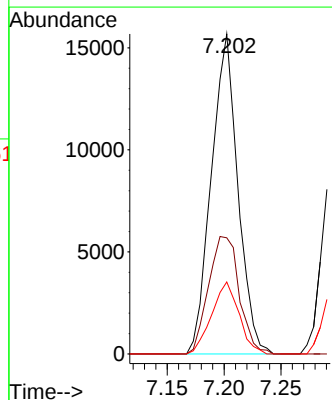
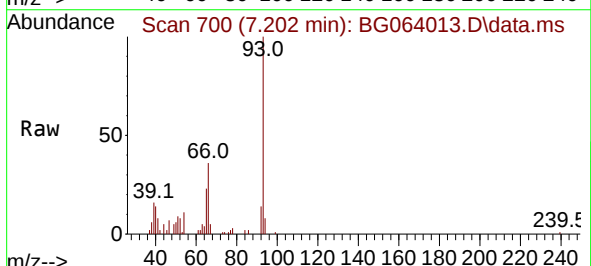
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

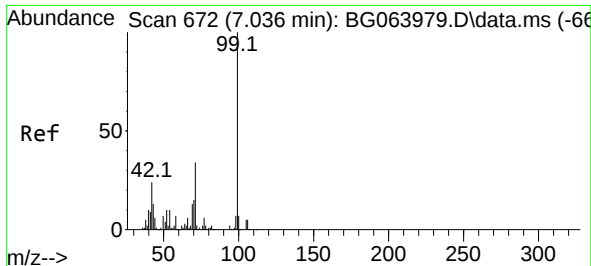
Tgt Ion:112 Resp: 492895
Ion Ratio Lower Upper
112 100
64 69.1 55.8 83.8
63 36.7 29.3 43.9



#6
Aniline
Concen: 4.663 ng
RT: 7.202 min Scan# 700
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion: 93 Resp: 25485
Ion Ratio Lower Upper
93 100
66 36.3 32.5 48.7
65 22.5 16.6 25.0

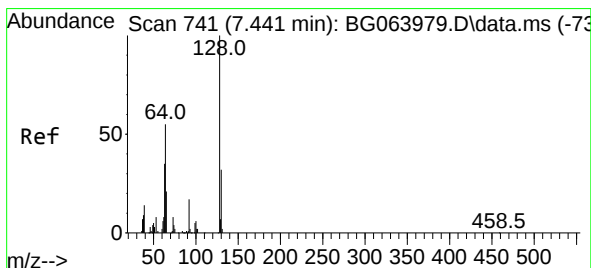
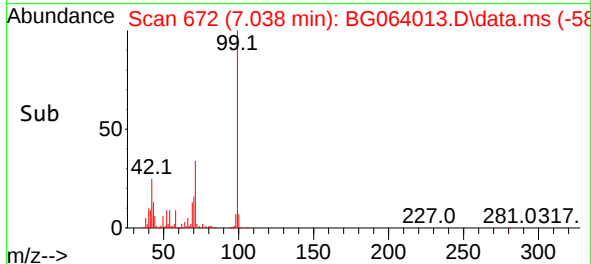
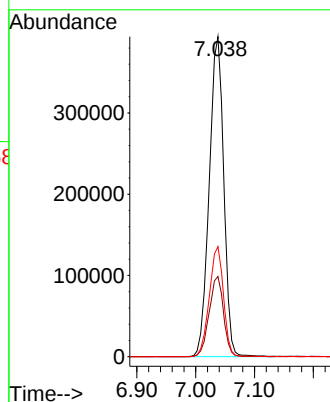
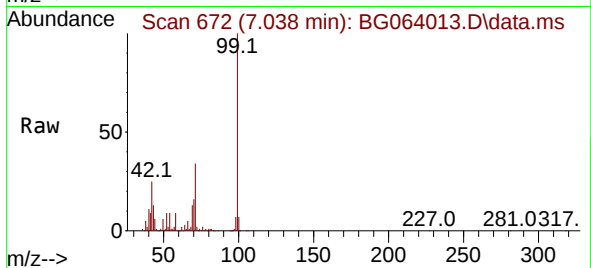




#7
Phenol-d6
Concen: 132.314 ng
RT: 7.038 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

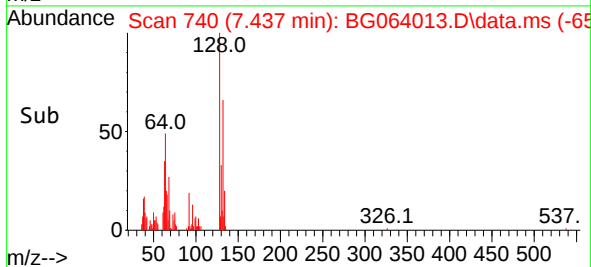
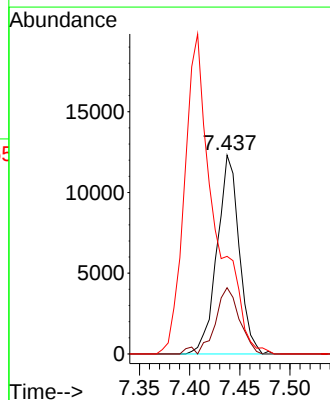
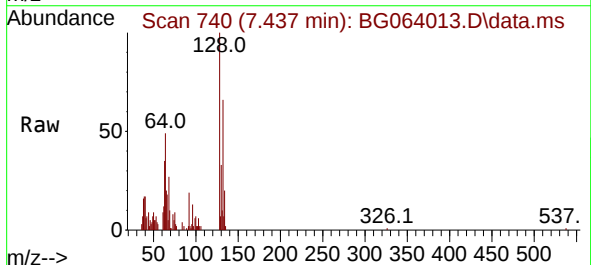
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

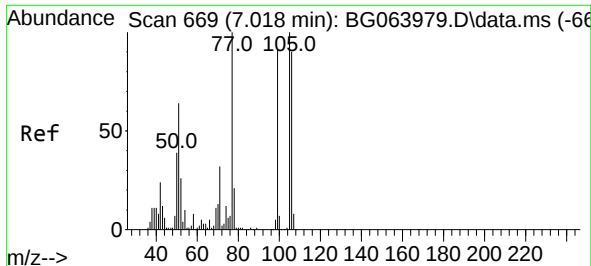
Tgt Ion: 99 Resp: 674759
Ion Ratio Lower Upper
99 100
42 25.0 18.9 28.3
71 34.4 27.0 40.6



#8
2-Chlorophenol
Concen: 4.976 ng
RT: 7.437 min Scan# 740
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:128 Resp: 18841
Ion Ratio Lower Upper
128 100
130 33.3 11.9 51.9
64 49.1 36.8 76.8

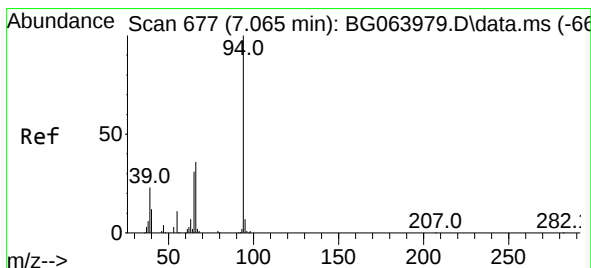
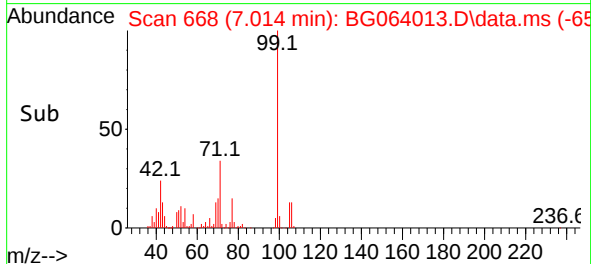
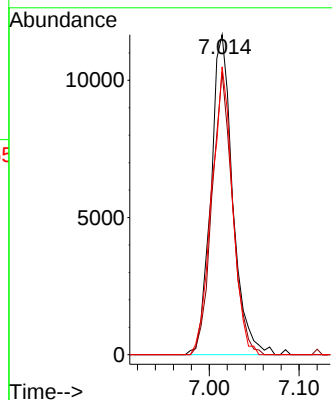
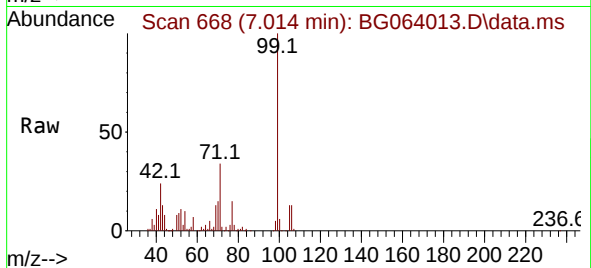




#9
Benzaldehyde
Concen: 7.076 ng
RT: 7.014 min Scan# 609
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

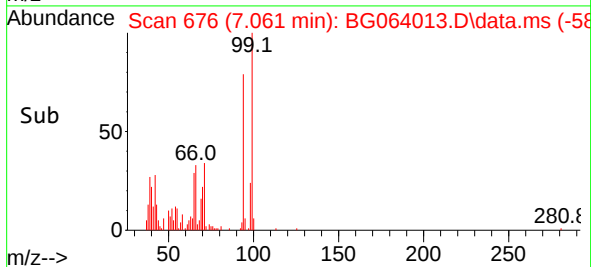
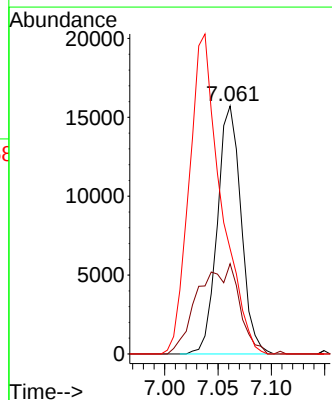
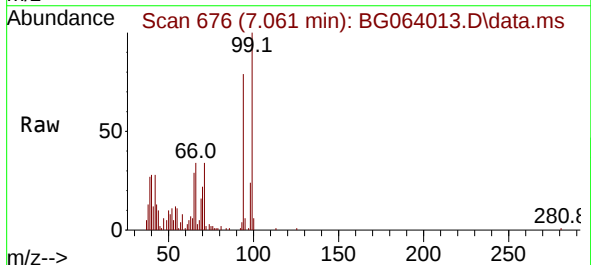
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

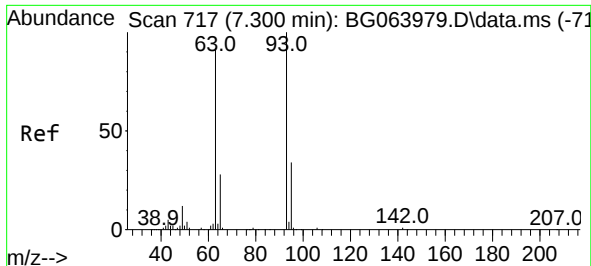
Tgt Ion: 77 Resp: 19700
Ion Ratio Lower Upper
77 100
105 88.3 79.8 119.8
106 90.0 69.9 109.9



#10
Phenol
Concen: 4.525 ng
RT: 7.061 min Scan# 676
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion: 94 Resp: 24291
Ion Ratio Lower Upper
94 100
65 36.4 11.4 51.4
66 42.4 16.7 56.7

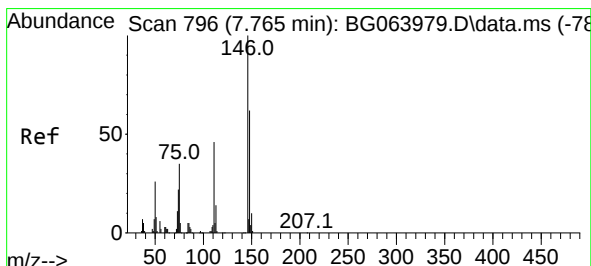
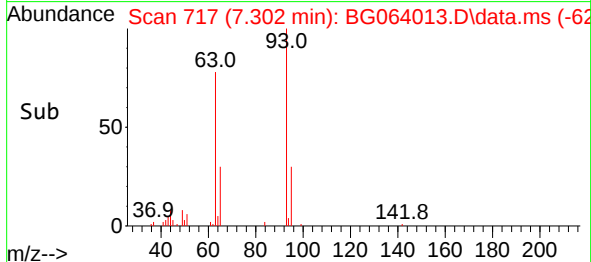
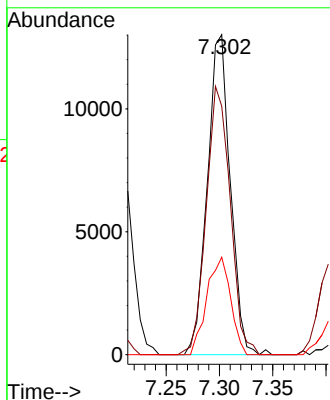
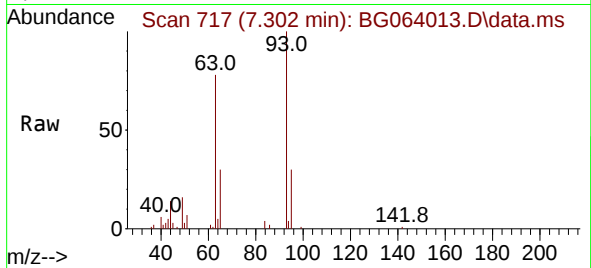




#11
bis(2-Chloroethyl)ether
Concen: 4.509 ng
RT: 7.302 min Scan# 717
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

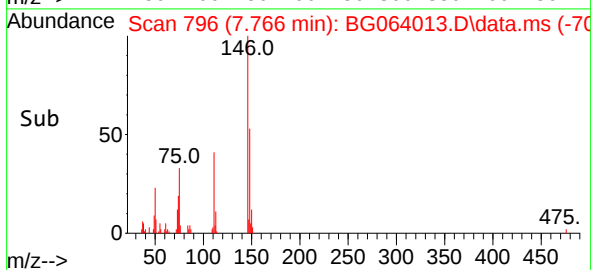
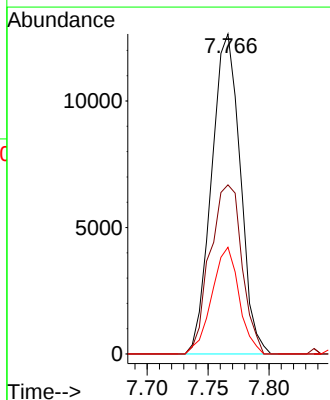
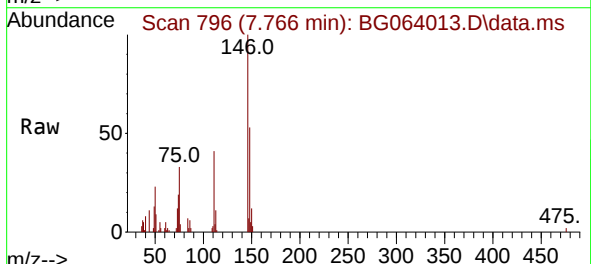
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

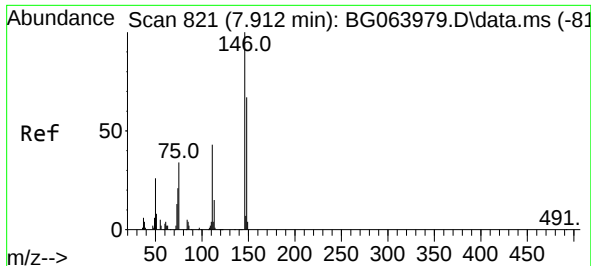
Tgt Ion: 93 Resp: 19491
Ion Ratio Lower Upper
93 100
63 77.7 71.2 111.2
95 30.5 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 4.597 ng
RT: 7.766 min Scan# 796
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:146 Resp: 20713
Ion Ratio Lower Upper
146 100
148 52.9 49.6 74.4
75 33.3 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 4.539 ng

RT: 7.907 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

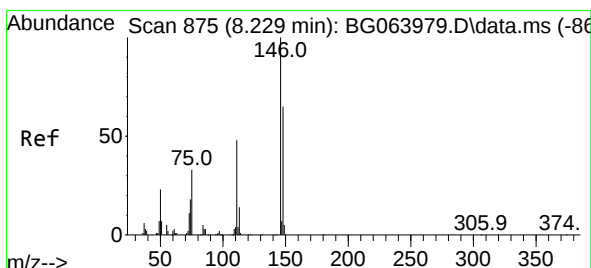
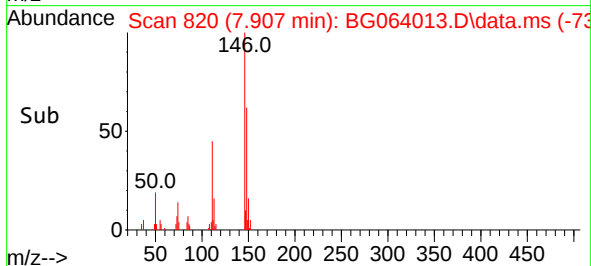
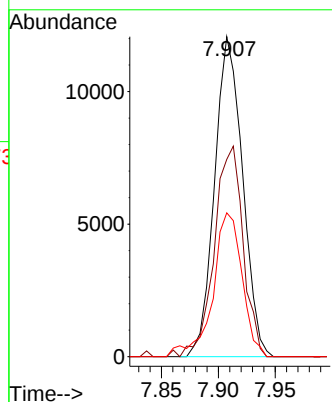
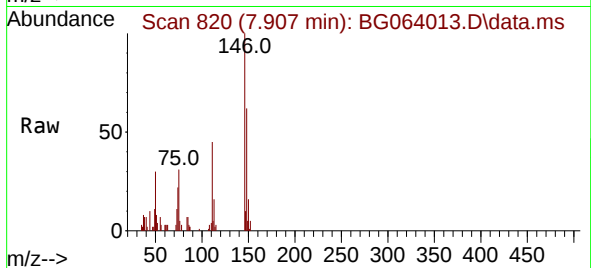
Tgt Ion:146 Resp: 20654

Ion Ratio Lower Upper

146 100

148 61.6 53.3 79.9

111 45.0 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 4.692 ng

RT: 8.225 min Scan# 874

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

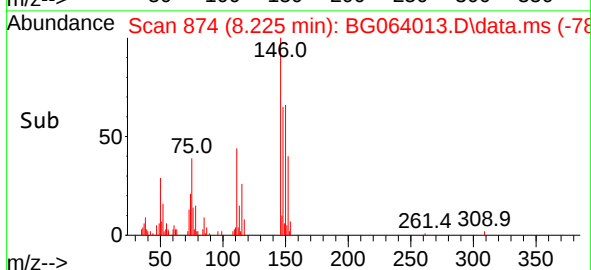
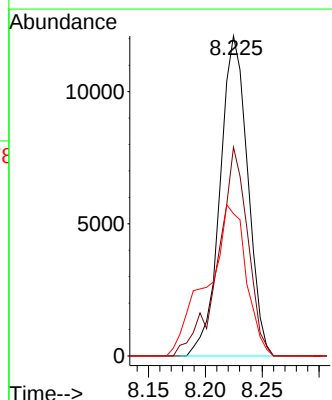
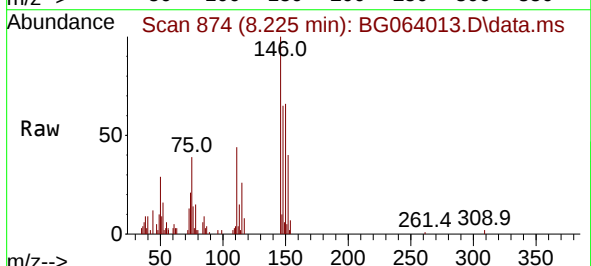
Tgt Ion:146 Resp: 20464

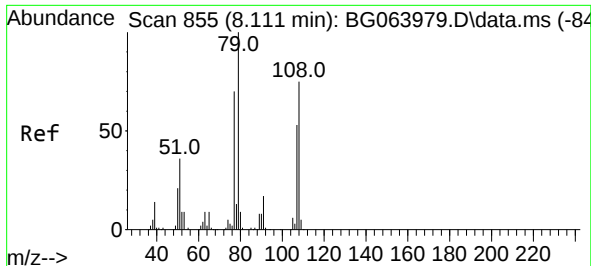
Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

111 44.5 38.2 57.2





#15

Benzyl Alcohol

Concen: 4.367 ng

RT: 8.101 min Scan# 81

Delta R.T. -0.010 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

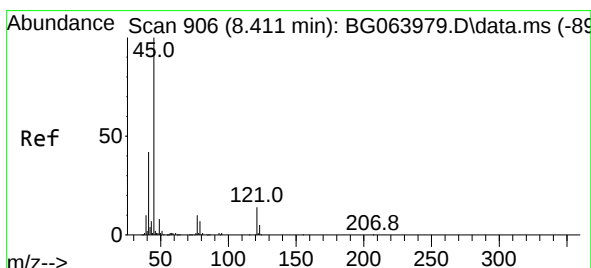
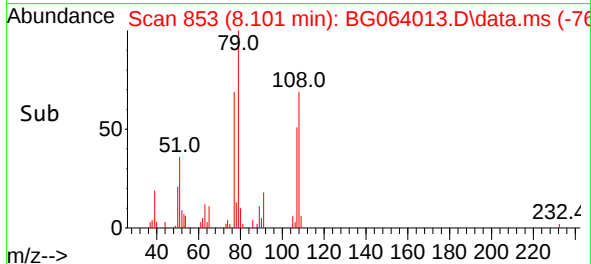
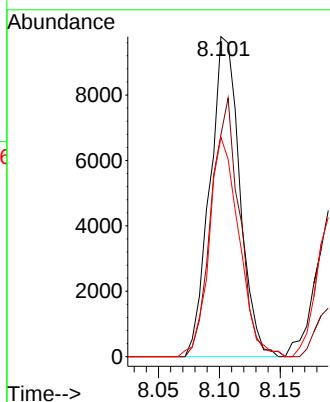
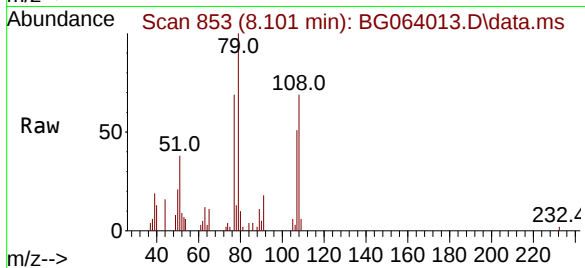
Tgt Ion: 79 Resp: 16647

Ion Ratio Lower Upper

79 100

108 69.4 60.3 90.5

77 68.6 55.8 83.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.927 ng

RT: 8.395 min Scan# 903

Delta R.T. -0.016 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

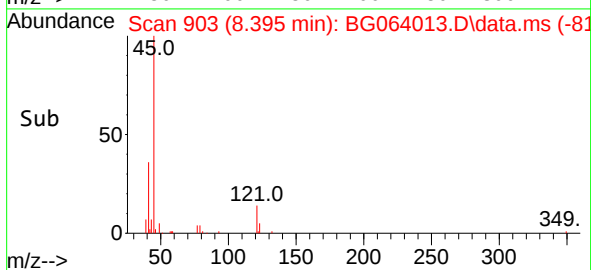
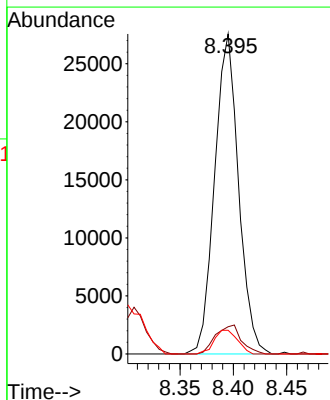
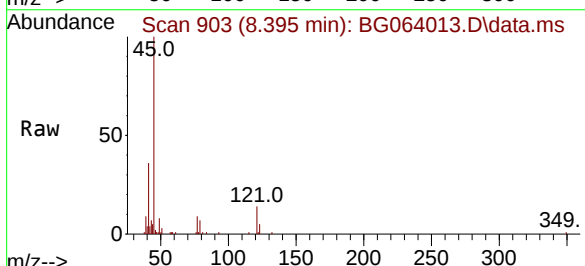
Tgt Ion: 45 Resp: 42884

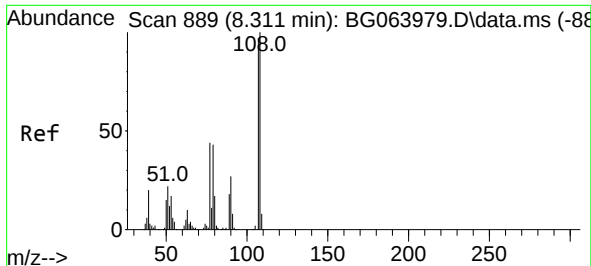
Ion Ratio Lower Upper

45 100

77 8.5 0.0 29.8

79 7.4 0.0 27.7

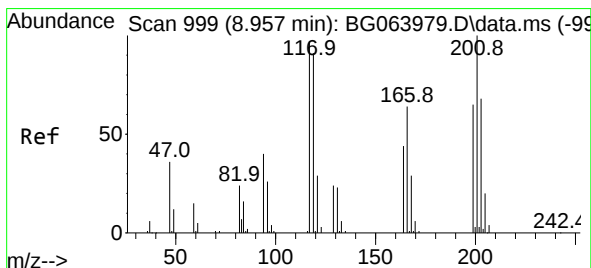
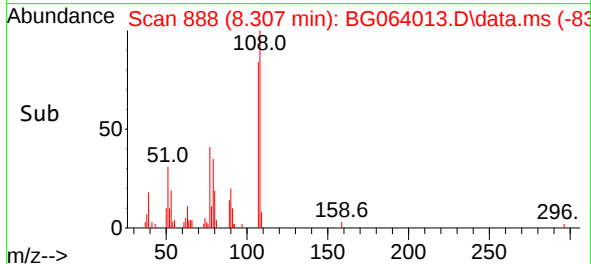
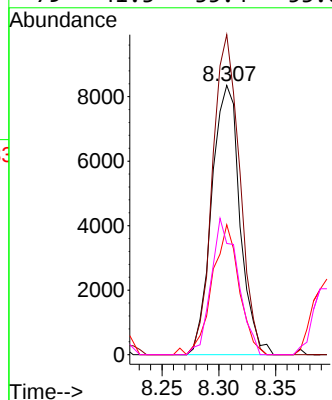
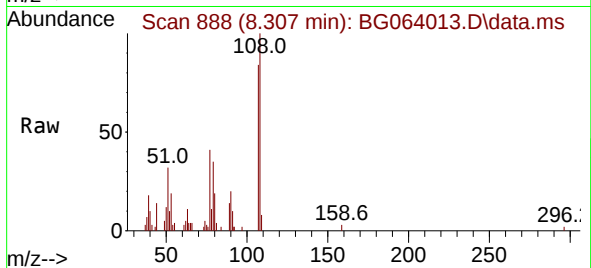




#17
2-Methylphenol
Concen: 4.148 ng
RT: 8.307 min Scan# 888
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

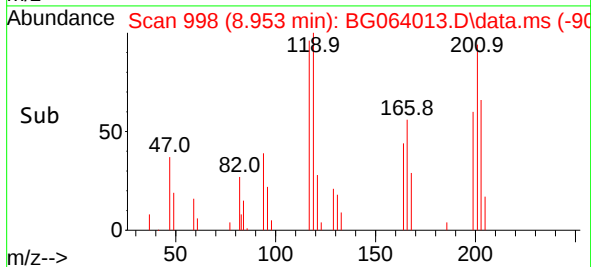
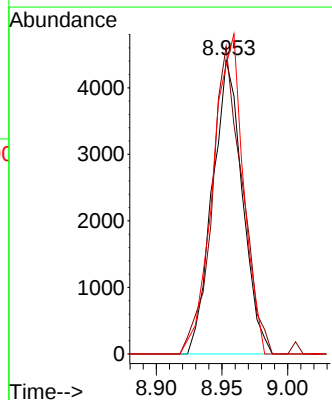
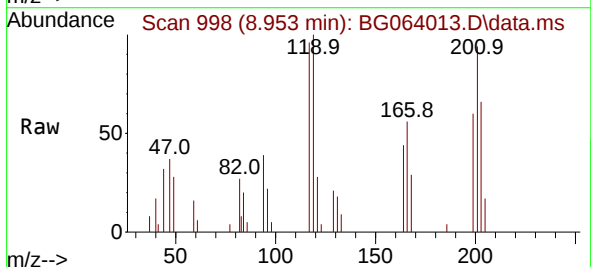
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

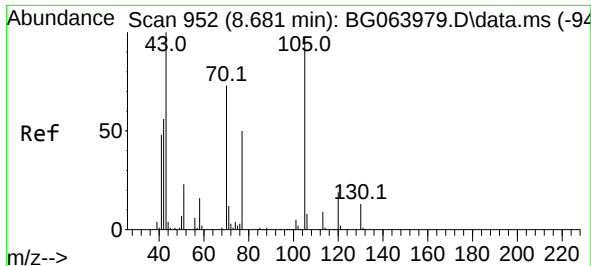
Tgt Ion:	107	Resp:	14400
Ion	Ratio	Lower	Upper
107	100		
108	118.9	82.9	124.3
77	48.3	36.4	54.6
79	41.3	35.4	53.0



#18
Hexachloroethane
Concen: 4.695 ng
RT: 8.953 min Scan# 998
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:	117	Resp:	7032
Ion	Ratio	Lower	Upper
117	100		
119	104.6	75.4	113.0
201	98.3	82.4	123.6

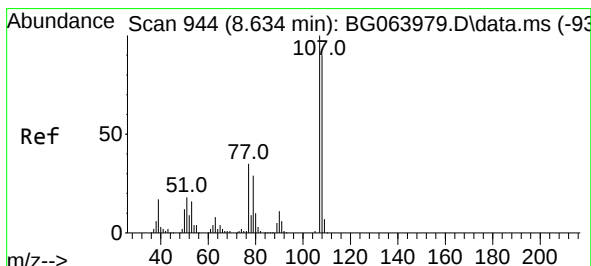
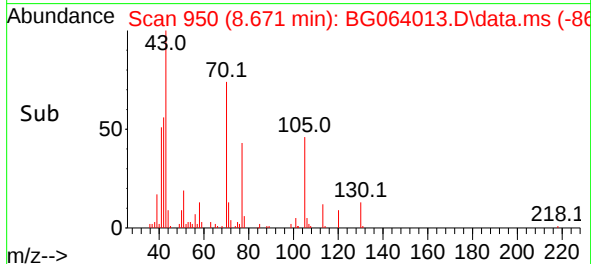
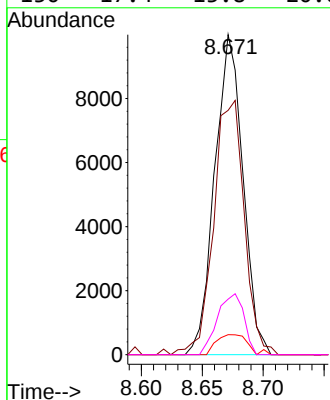
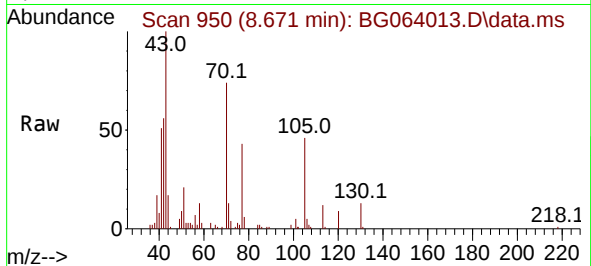




#19
n-Nitroso-di-n-propylamine
Concen: 4.560 ng
RT: 8.671 min Scan# 910
Delta R.T. -0.010 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

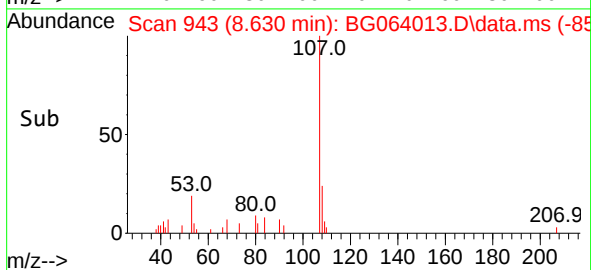
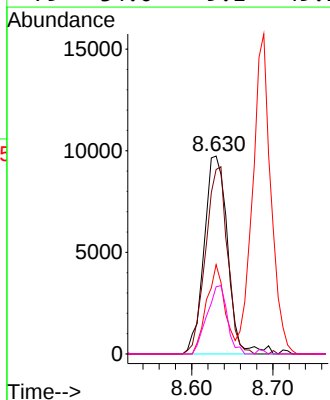
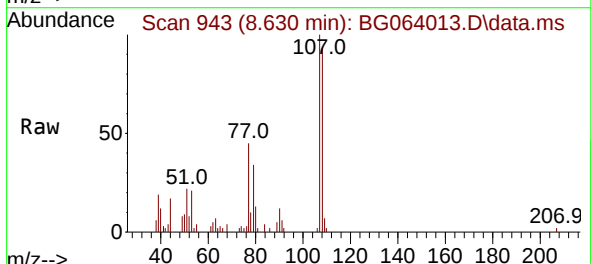
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

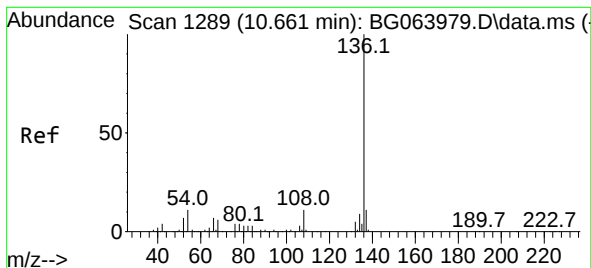
Tgt Ion: 70 Resp: 16105
Ion Ratio Lower Upper
70 100
42 76.4 62.2 93.4
101 6.2 5.6 8.4
130 17.4 13.8 20.6



#20
3+4-Methylphenols
Concen: 4.237 ng
RT: 8.630 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion: 107 Resp: 19598
Ion Ratio Lower Upper
107 100
108 93.3 70.0 110.0
77 45.2 15.2 55.2
79 34.0 9.1 49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG064013.D

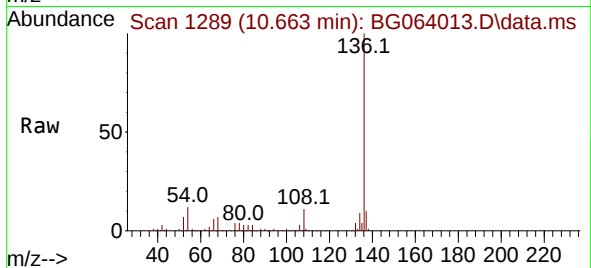
Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:136 Resp: 260304

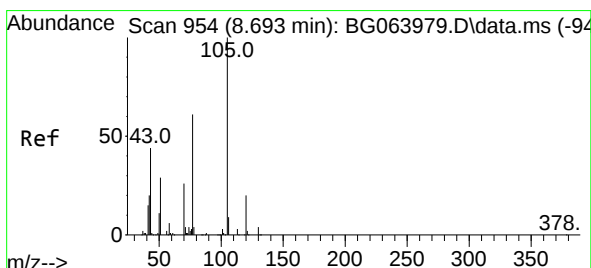
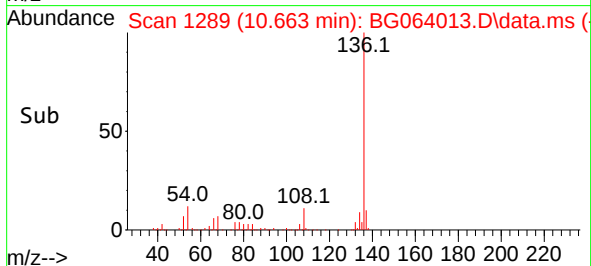
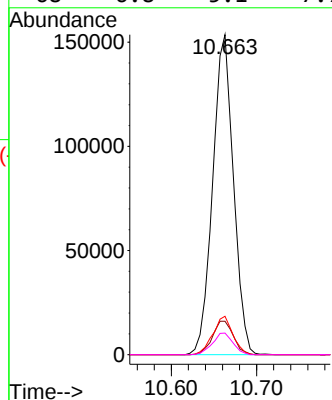
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 12.0 9.2 13.8

68 6.8 5.1 7.7



#22

Acetophenone

Concen: 4.389 ng

RT: 8.689 min Scan# 953

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Tgt Ion:105 Resp: 31388

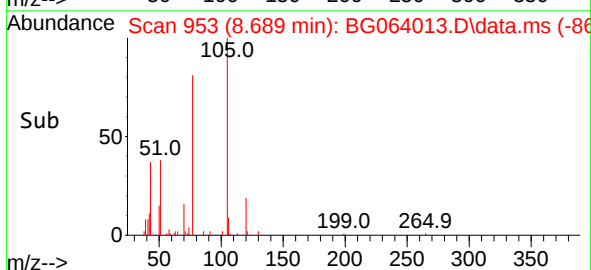
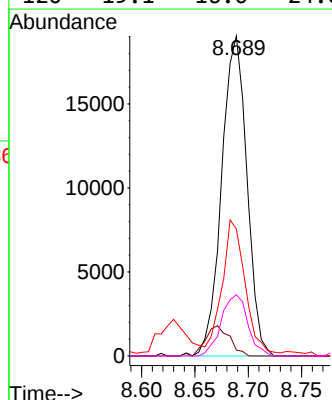
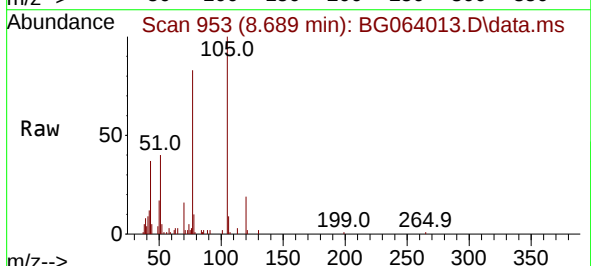
Ion Ratio Lower Upper

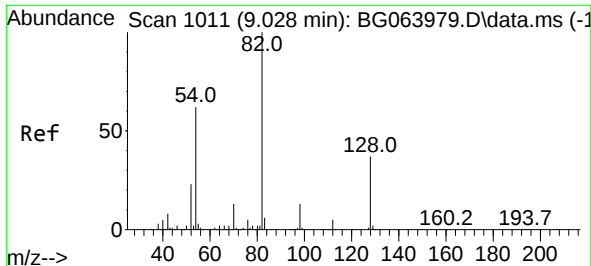
105 100

71 1.9 3.1 4.7#

51 39.7 29.9 44.9

120 19.1 16.0 24.0





#23

Nitrobenzene-d5

Concen: 106.753 ng

RT: 9.024 min Scan# 1010

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

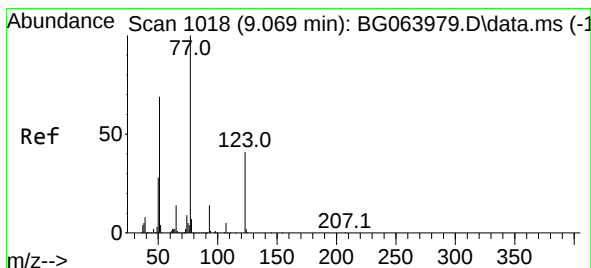
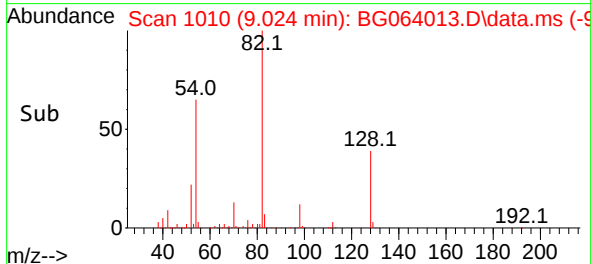
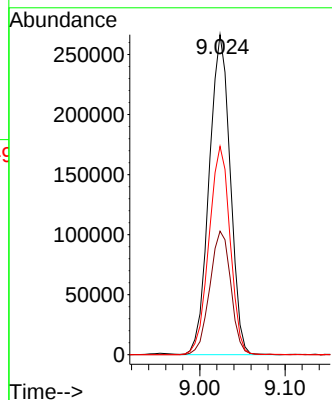
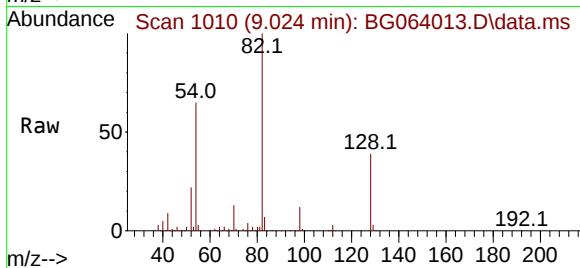
Tgt Ion: 82 Resp: 457230

Ion Ratio Lower Upper

82 100

128 38.6 29.4 44.2

54 65.1 49.9 74.9



#24

Nitrobenzene

Concen: 8.450 ng

RT: 9.059 min Scan# 1016

Delta R.T. -0.010 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

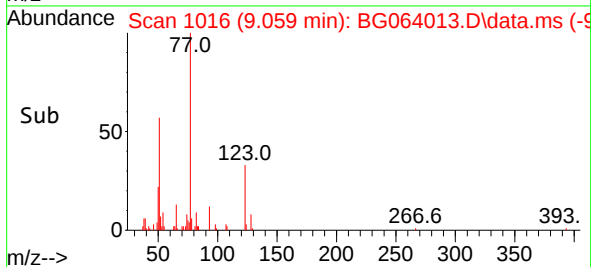
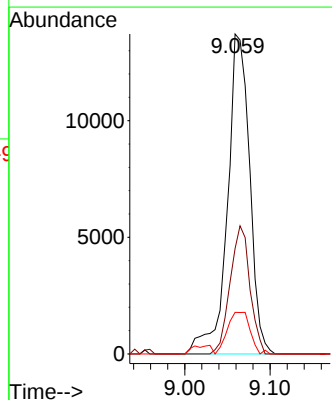
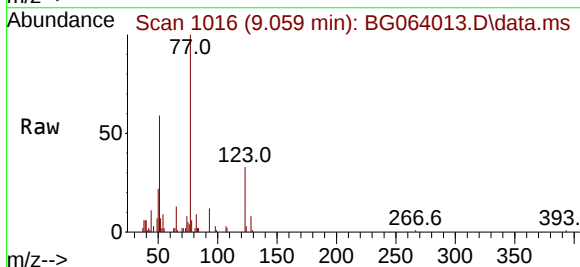
Tgt Ion: 77 Resp: 24879

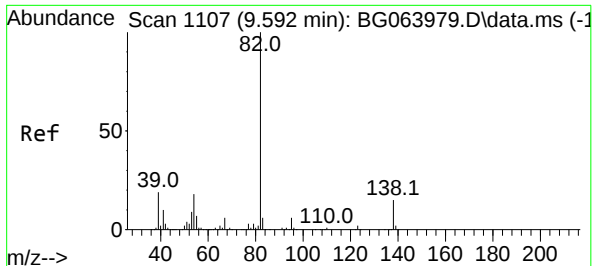
Ion Ratio Lower Upper

77 100

123 33.0 32.9 49.3

65 13.0 11.0 16.6

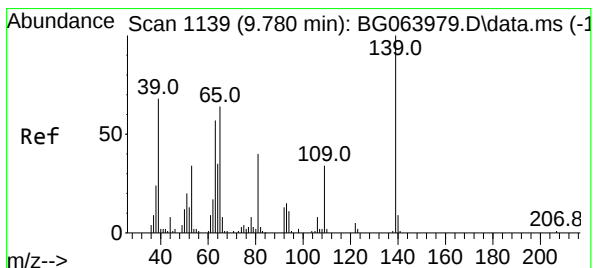
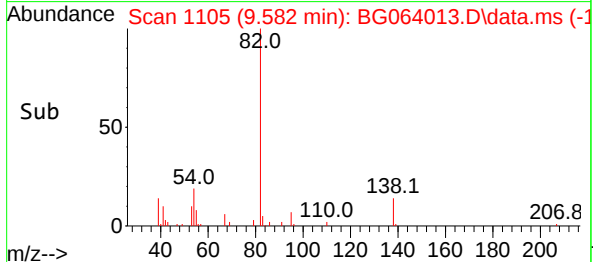
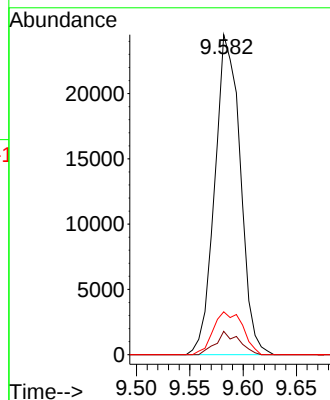
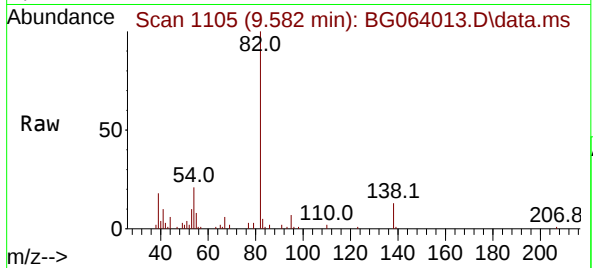




#25
Isophorone
Concen: 4.385 ng
RT: 9.582 min Scan# 1105
Delta R.T. -0.010 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

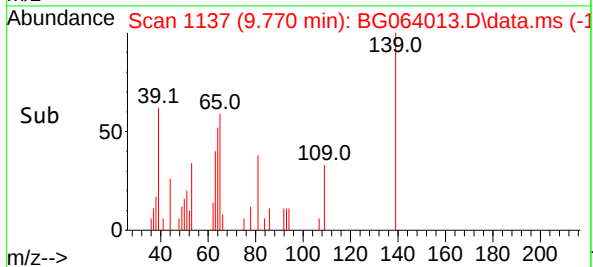
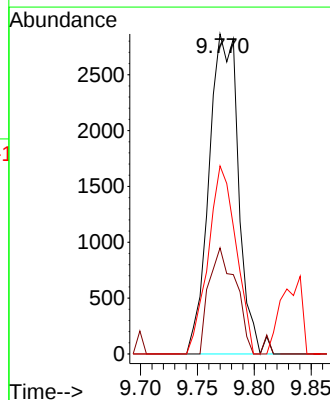
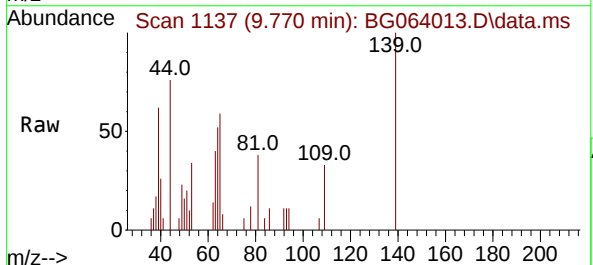
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

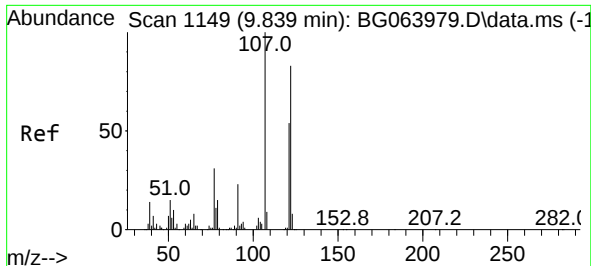
Tgt Ion: 82 Resp: 40712
Ion Ratio Lower Upper
82 100
95 7.3 5.0 7.4
138 13.4 12.2 18.4



#26
2-Nitrophenol
Concen: 9.098 ng
RT: 9.770 min Scan# 1137
Delta R.T. -0.010 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion: 139 Resp: 5176
Ion Ratio Lower Upper
139 100
109 33.2 27.1 40.7
65 58.7 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 2.634 ng

RT: 9.829 min Scan# 1147

Delta R.T. -0.010 min

Lab File: BG064013.D

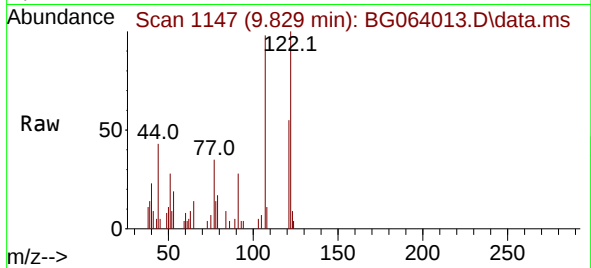
Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024



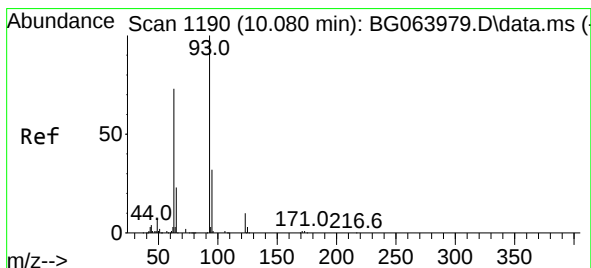
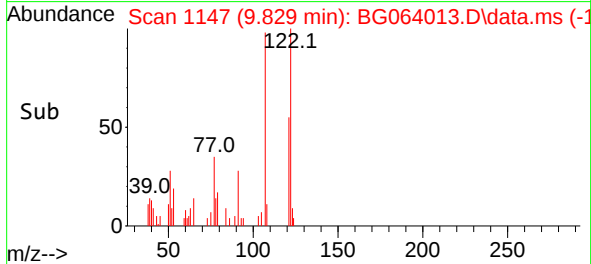
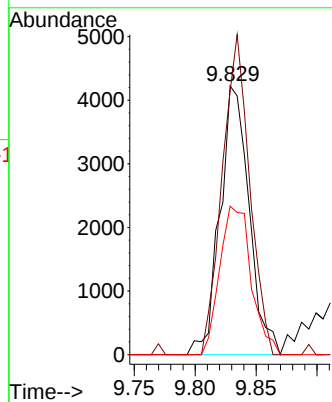
Tgt Ion:122 Resp: 7035

Ion Ratio Lower Upper

122 100

107 97.9 96.4 144.6

121 55.2 51.8 77.6



#28

bis(2-Chloroethoxy)methane

Concen: 4.063 ng

RT: 10.069 min Scan# 1188

Delta R.T. -0.011 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

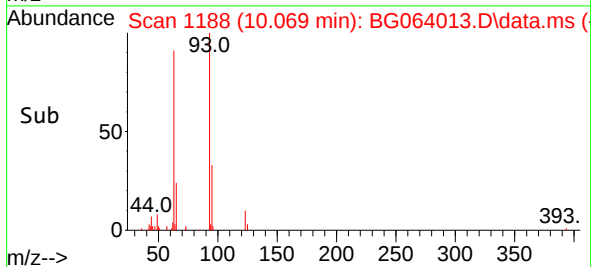
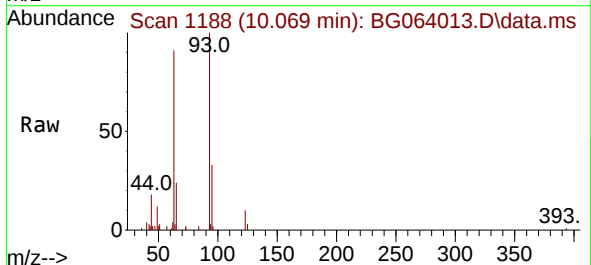
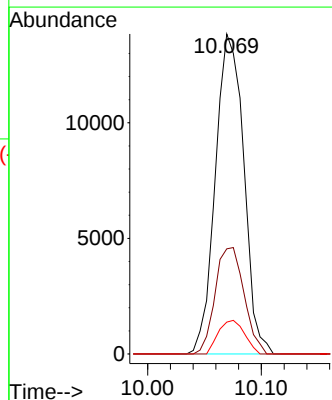
Tgt Ion: 93 Resp: 24002

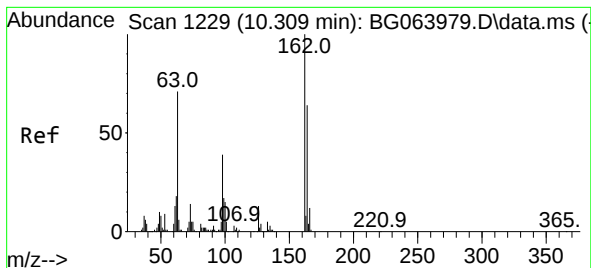
Ion Ratio Lower Upper

93 100

95 32.8 25.4 38.2

123 10.0 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 7.211 ng

RT: 10.305 min Scan# 1228

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

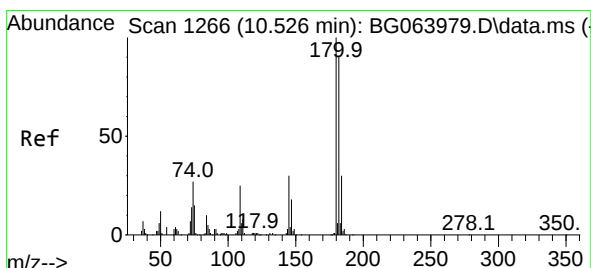
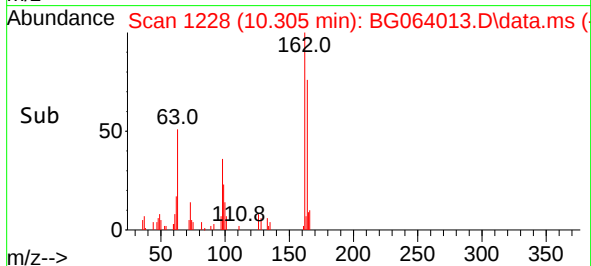
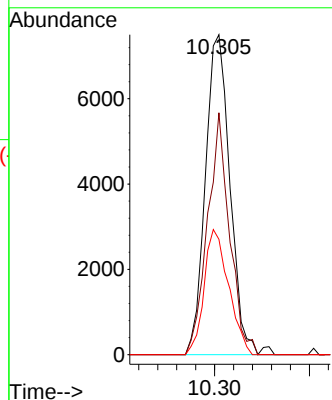
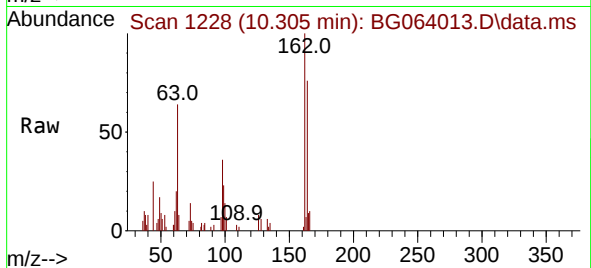
Tgt Ion:162 Resp: 13544

Ion Ratio Lower Upper

162 100

164 75.6 43.6 83.6

98 36.1 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 4.570 ng

RT: 10.522 min Scan# 1265

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

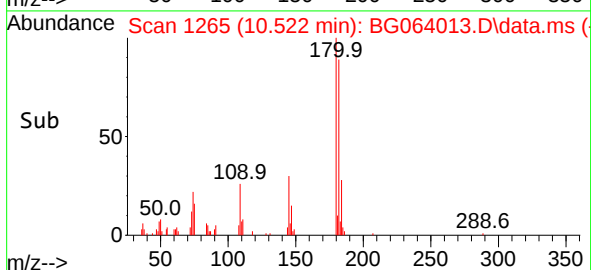
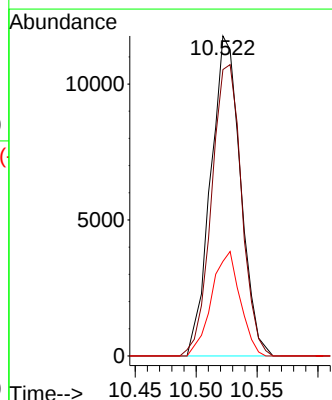
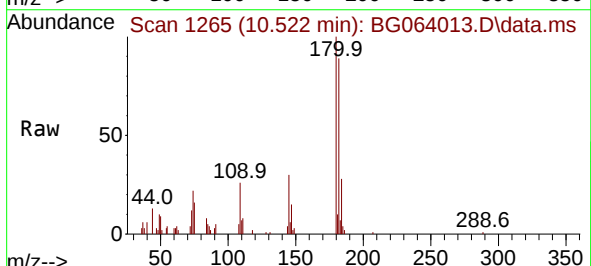
Tgt Ion:180 Resp: 20053

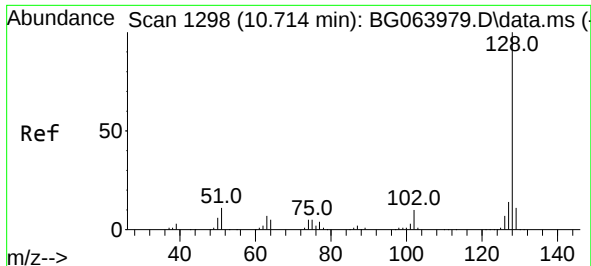
Ion Ratio Lower Upper

180 100

182 89.5 72.3 108.5

145 29.6 23.8 35.8

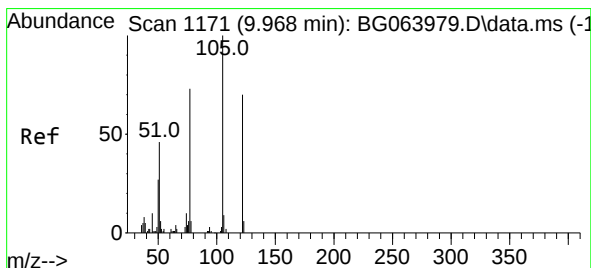
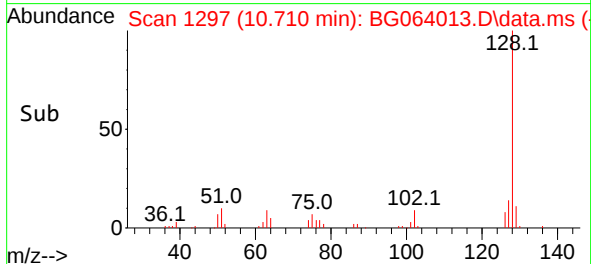
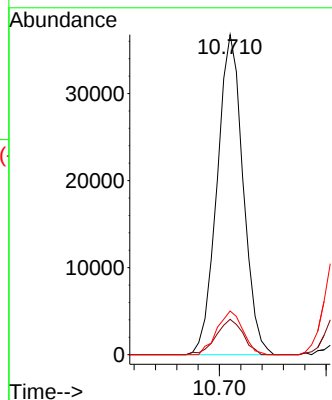
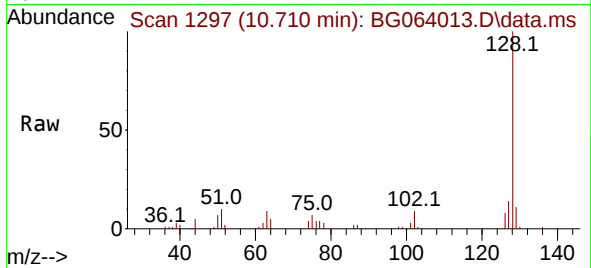




#31
Naphthalene
Concen: 4.449 ng
RT: 10.710 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

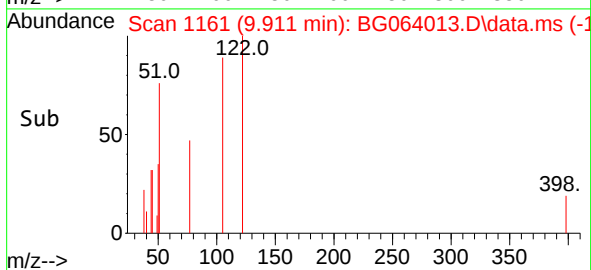
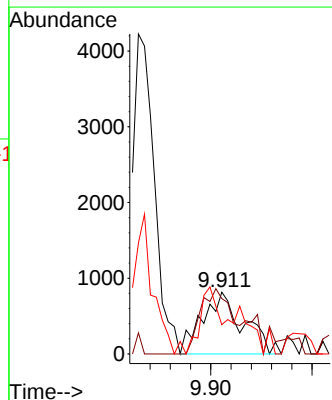
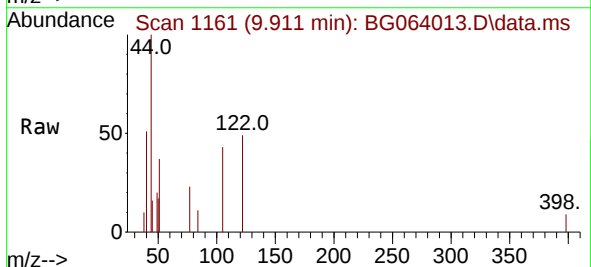
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

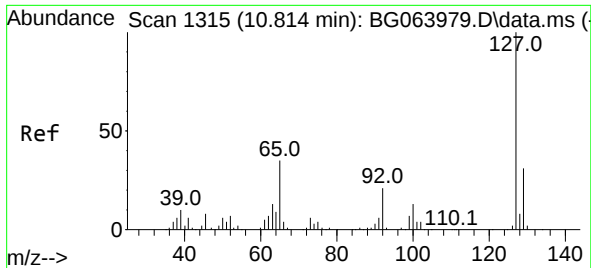
Tgt Ion:128 Resp: 62084
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 7.247 ng m
RT: 9.911 min Scan# 1161
Delta R.T. -0.057 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:122 Resp: 2303
Ion Ratio Lower Upper
122 100
105 89.5 117.9 157.9#
77 47.4 83.9 123.9#

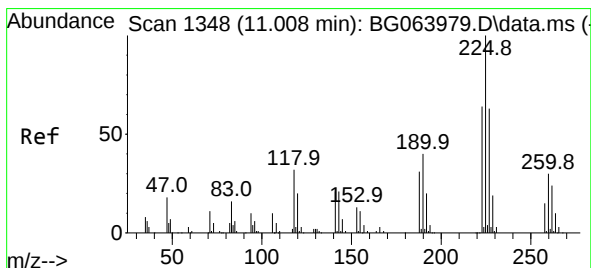
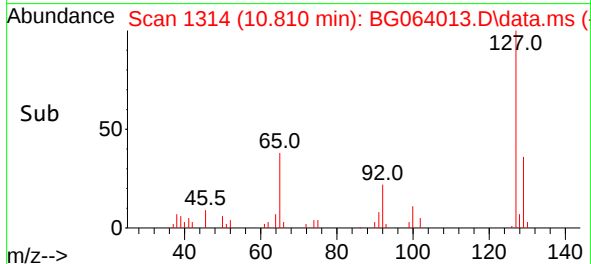
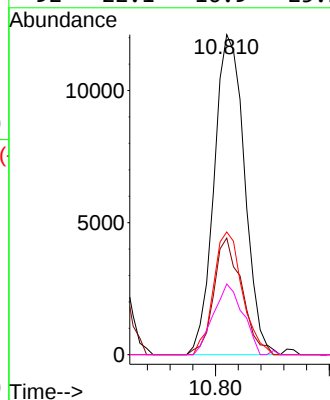
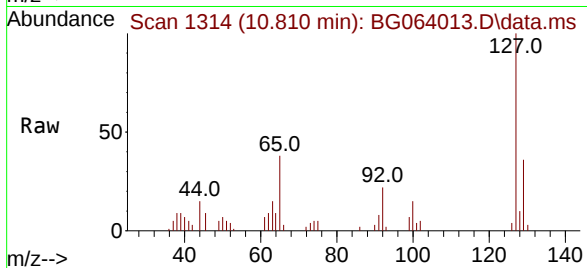




#33
4-Chloroaniline
Concen: 4.205 ng
RT: 10.810 min Scan# 1314
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

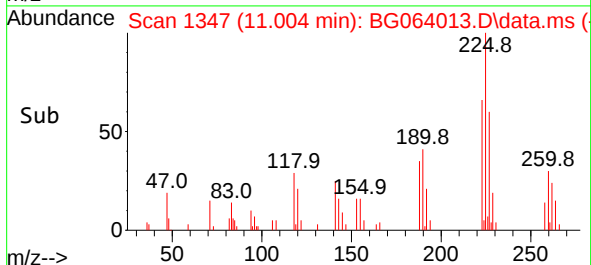
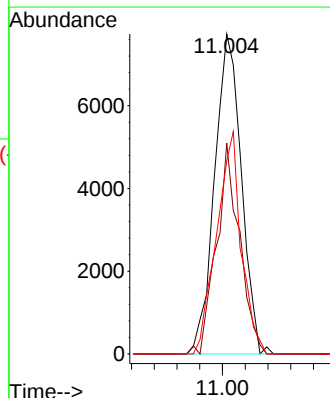
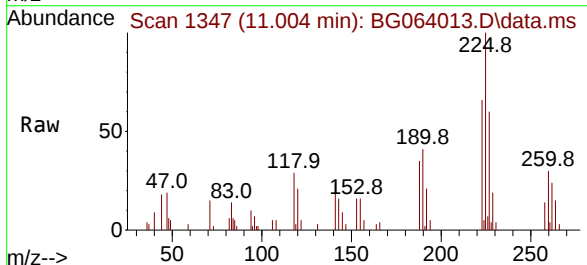
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

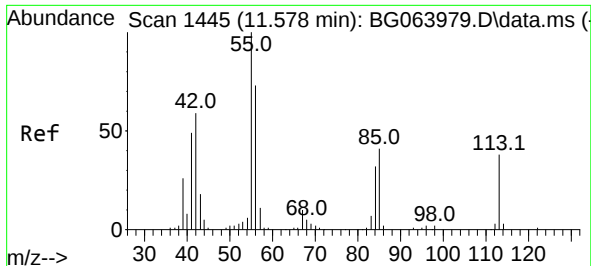
Tgt Ion:	127	Resp:	22487
Ion	Ratio	Lower	Upper
127	100		
129	36.4	24.9	37.3
65	38.3	28.2	42.4
92	22.1	16.9	25.3



#34
Hexachlorobutadiene
Concen: 4.513 ng
RT: 11.004 min Scan# 1347
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:	225	Resp:	12612
Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.0	76.6
227	60.3	50.3	75.5

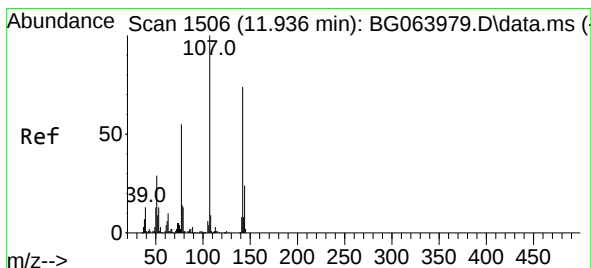
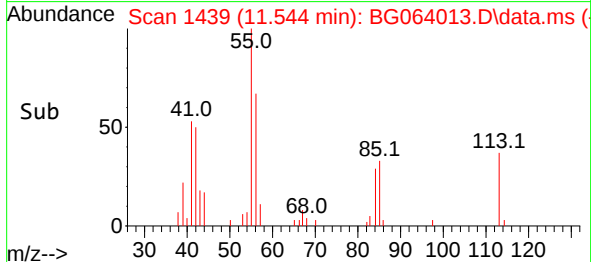
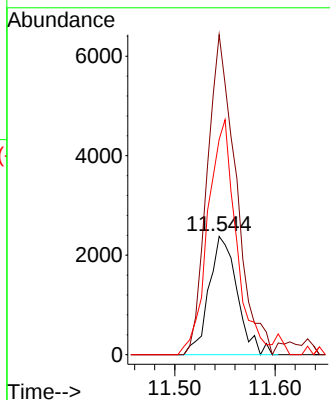
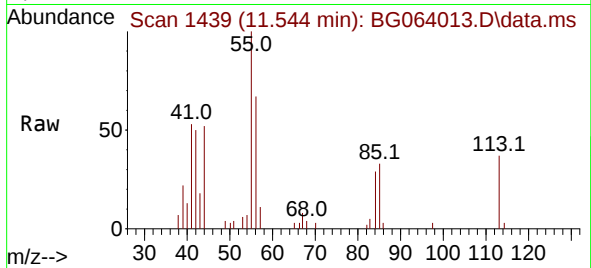




#35
Caprolactam
Concen: 8.345 ng
RT: 11.544 min Scan# 1445
Delta R.T. -0.034 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

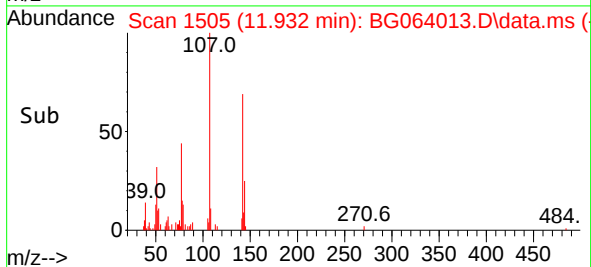
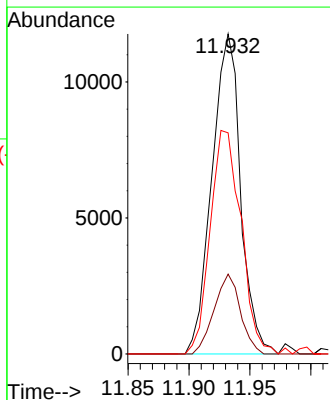
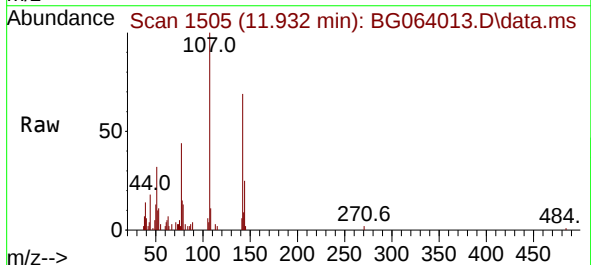
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

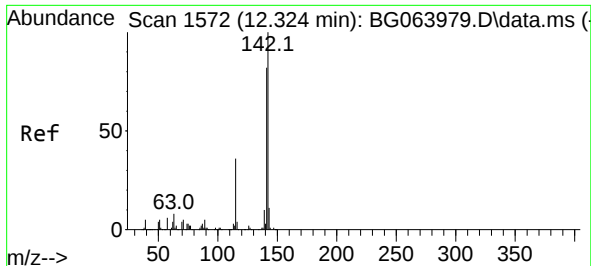
Tgt Ion	Ratio	Lower	Upper
113	100		
55	270.6	241.8	281.8
56	182.0	171.5	211.5



#36
4-Chloro-3-methylphenol
Concen: 4.510 ng
RT: 11.932 min Scan# 1505
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.2	28.8
142	69.1	58.9	88.3

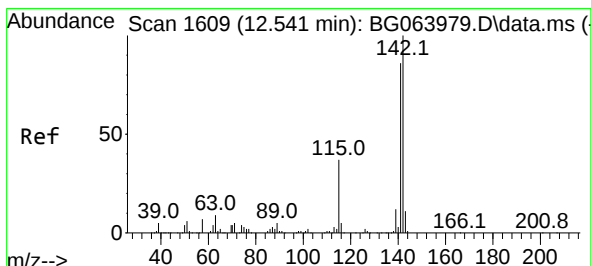
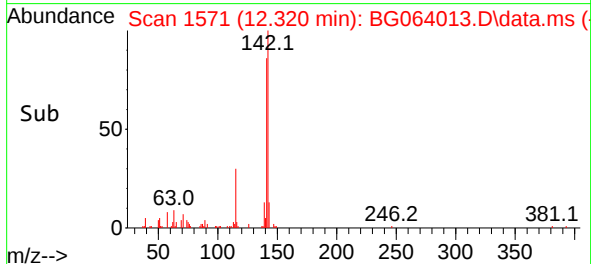
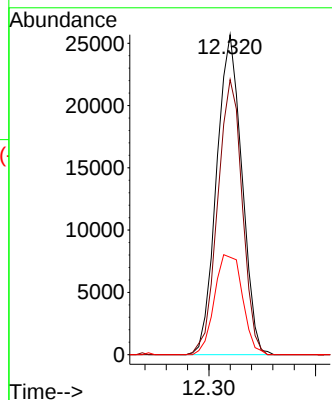
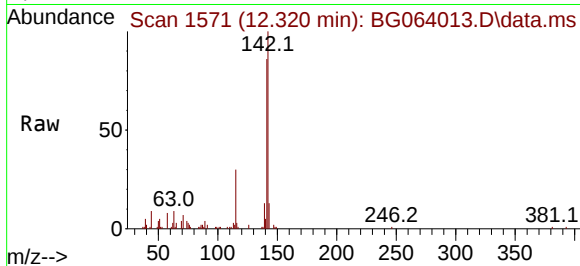




#37
2-Methylnaphthalene
Concen: 4.353 ng
RT: 12.320 min Scan# 1571
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

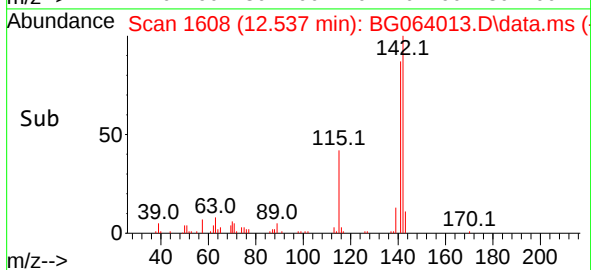
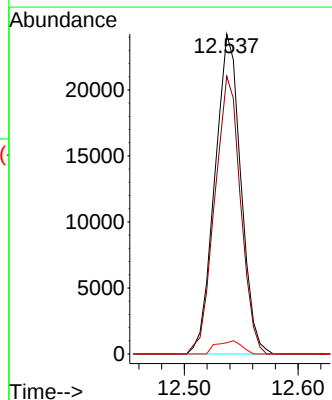
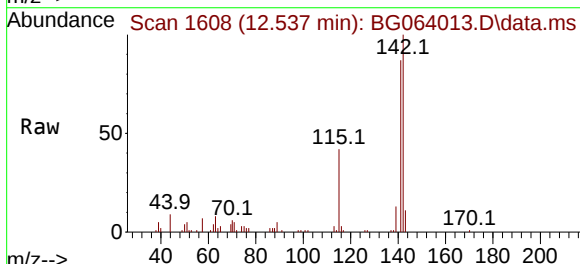
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

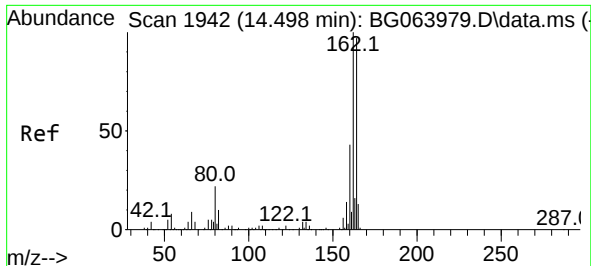
Tgt Ion:142 Resp: 42331
Ion Ratio Lower Upper
142 100
141 86.0 65.8 98.8
115 30.4 28.9 43.3



#38
1-Methylnaphthalene
Concen: 3.999 ng
RT: 12.537 min Scan# 1608
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:142 Resp: 38483
Ion Ratio Lower Upper
142 100
141 86.8 69.2 103.8
116 3.5 3.6 5.4#

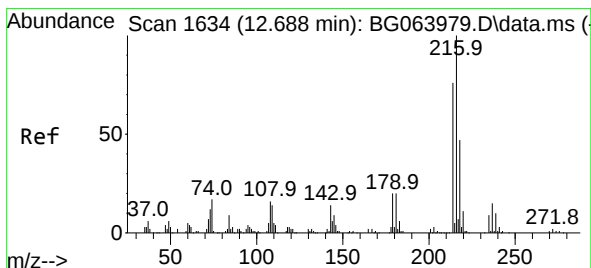
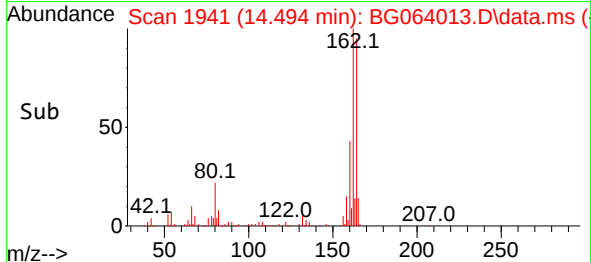
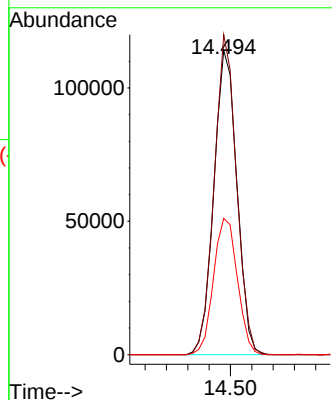
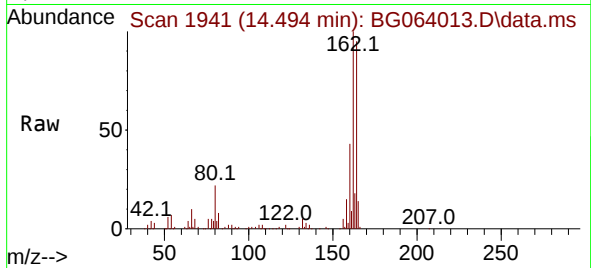




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.494 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

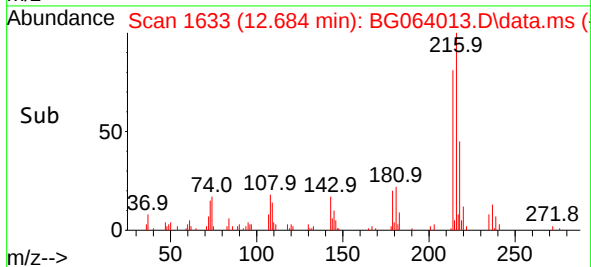
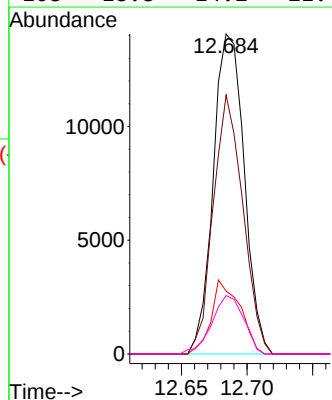
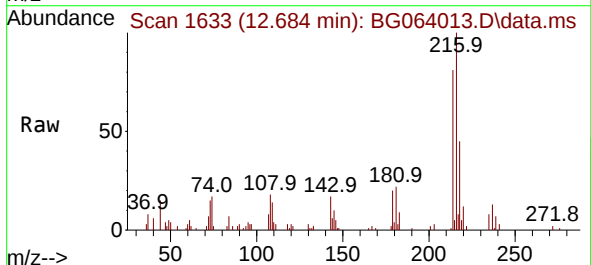
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

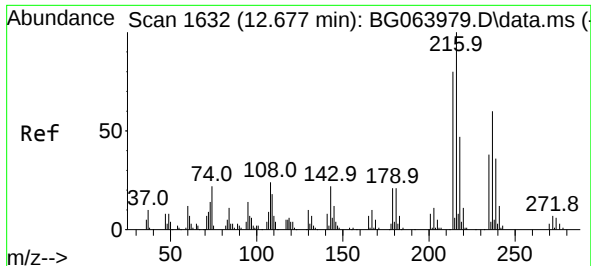
Tgt Ion:164 Resp: 170943
Ion Ratio Lower Upper
164 100
162 105.1 82.3 123.5
160 44.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.576 ng
RT: 12.684 min Scan# 1633
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

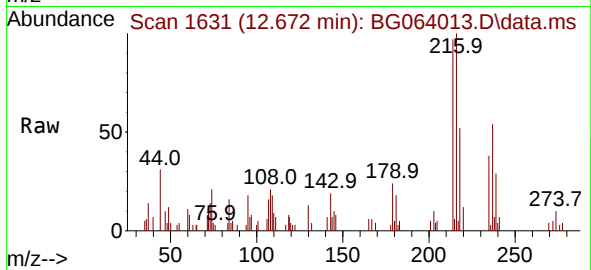
Tgt Ion:216 Resp: 23066
Ion Ratio Lower Upper
216 100
214 77.5 62.9 94.3
179 21.5 16.6 25.0
108 18.8 14.2 21.4



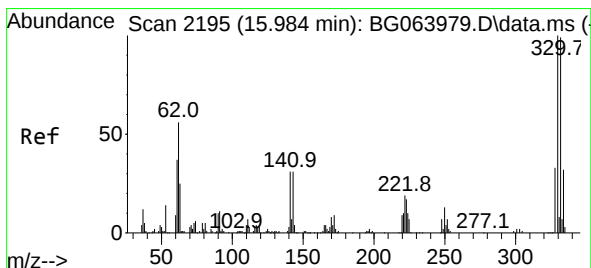
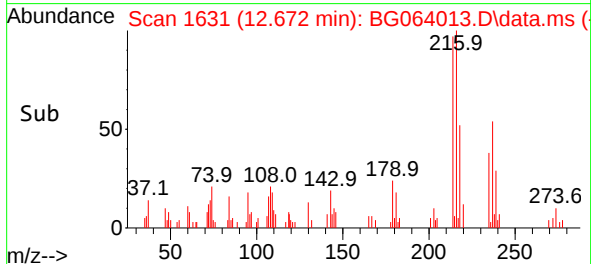
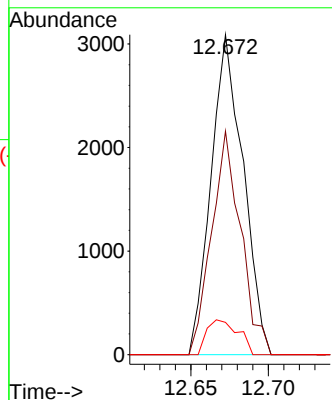


#41
Hexachlorocyclopentadiene
Concen: 3.485 ng
RT: 12.672 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

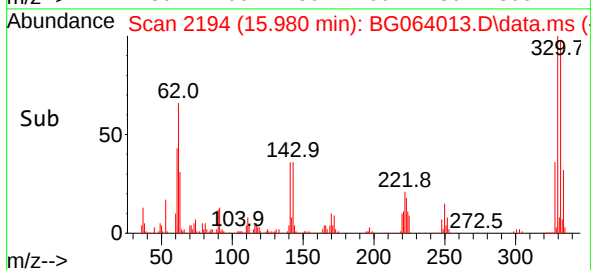
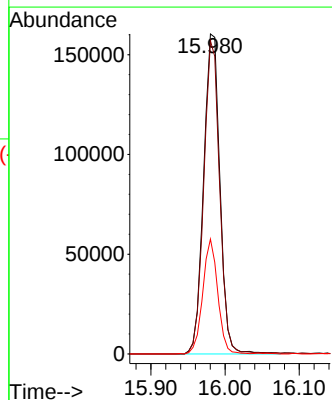
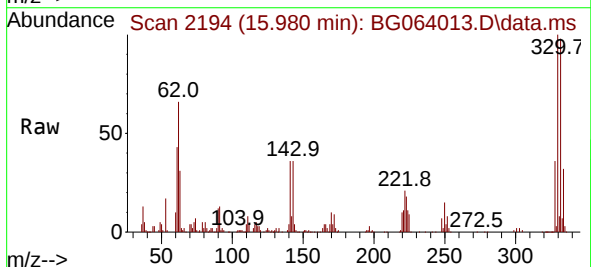


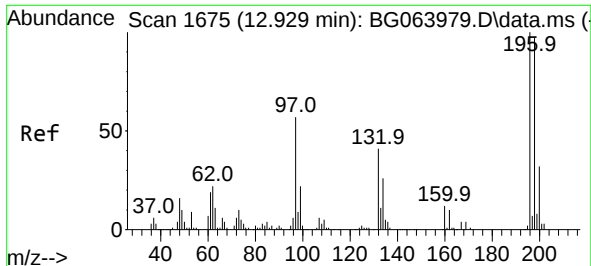
Tgt Ion:237 Resp: 4446
Ion Ratio Lower Upper
237 100
235 69.8 43.8 83.8
272 10.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 125.264 ng
RT: 15.980 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:330 Resp: 246149
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.6
141 32.9 27.2 40.8

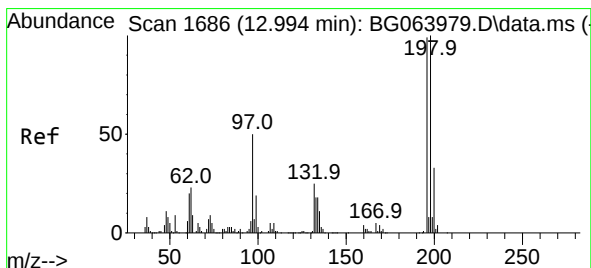
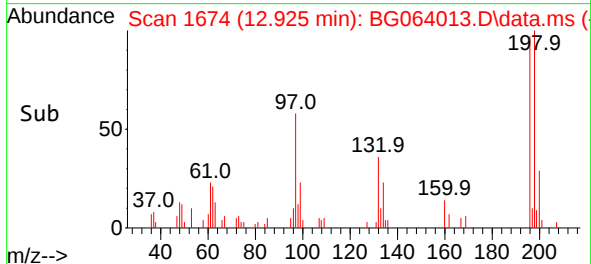
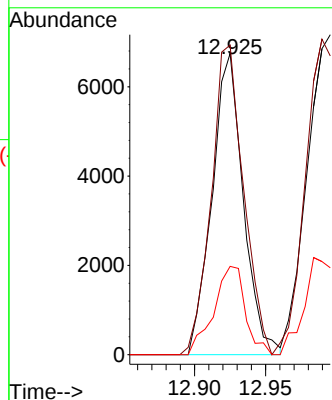
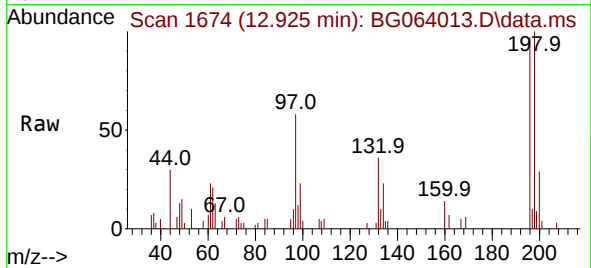




#43
2,4,6-Trichlorophenol
Concen: 8.020 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

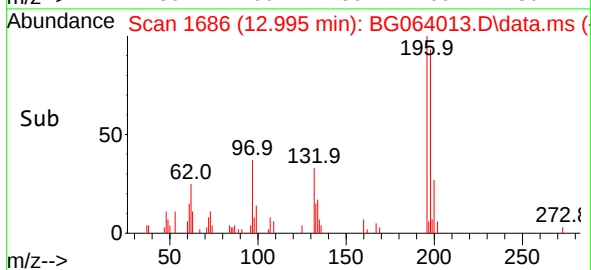
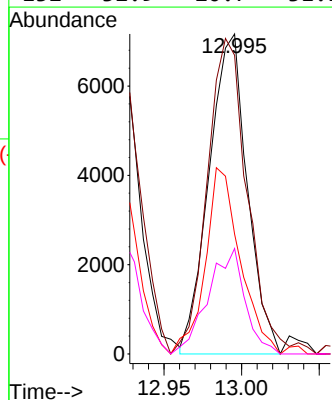
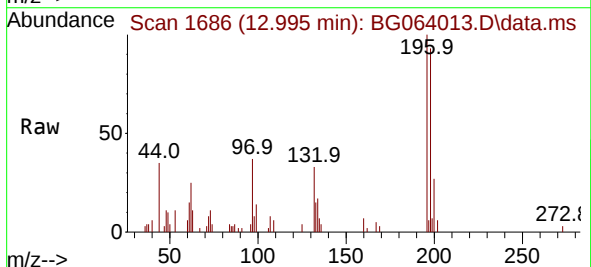
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

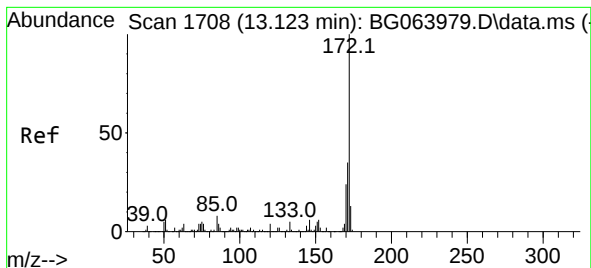
Tgt Ion:196 Resp: 10305
Ion Ratio Lower Upper
196 100
198 112.2 77.9 116.9
200 29.3 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 7.315 ng
RT: 12.995 min Scan# 1686
Delta R.T. 0.001 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:196 Resp: 12259
Ion Ratio Lower Upper
196 100
198 93.4 81.1 121.7
97 37.4 41.2 61.8#
132 32.9 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 93.068 ng

RT: 13.125 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

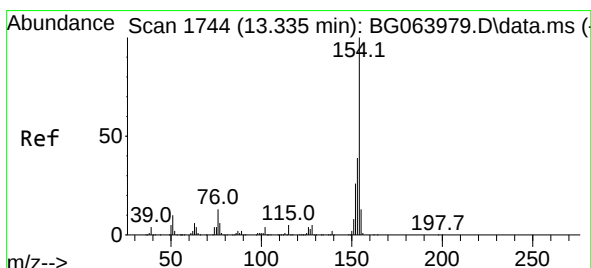
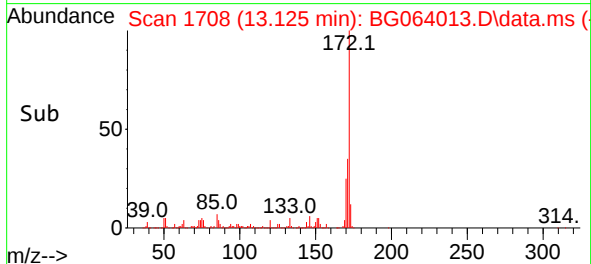
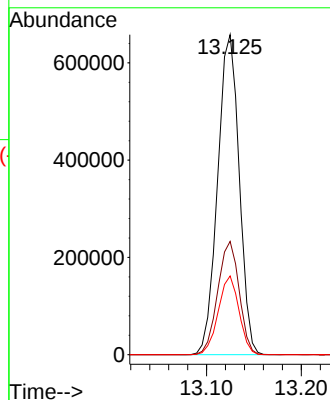
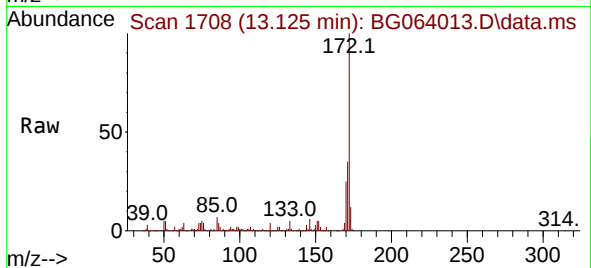
Tgt Ion:172 Resp: 1038370

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 24.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 4.660 ng

RT: 13.330 min Scan# 1743

Delta R.T. -0.005 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

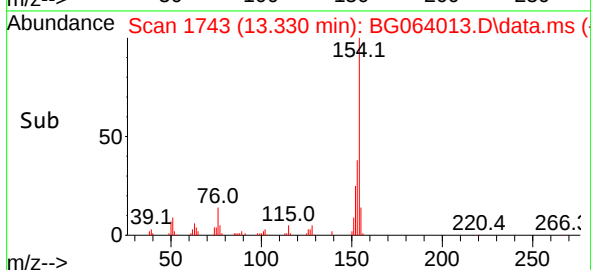
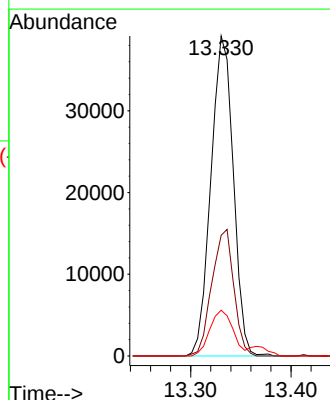
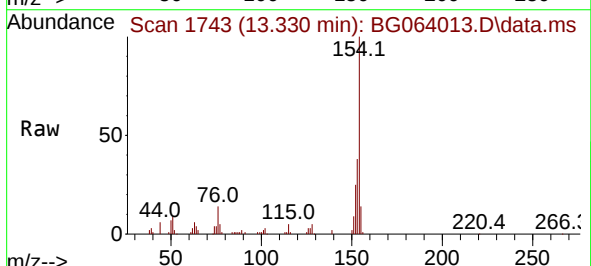
Tgt Ion:154 Resp: 60653

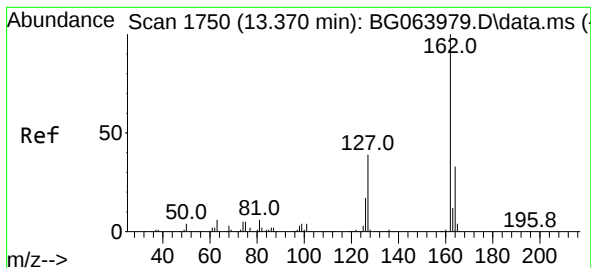
Ion Ratio Lower Upper

154 100

153 37.7 19.3 59.3

76 14.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 4.486 ng

RT: 13.371 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

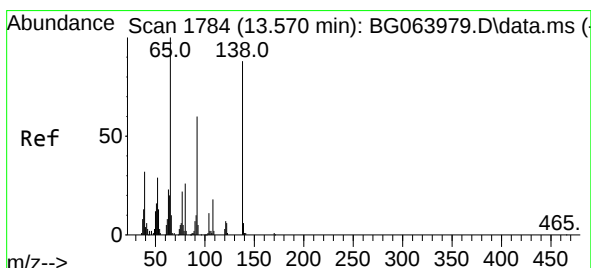
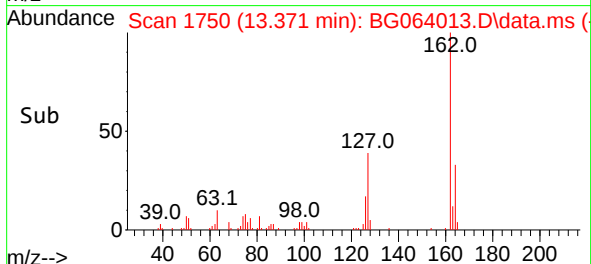
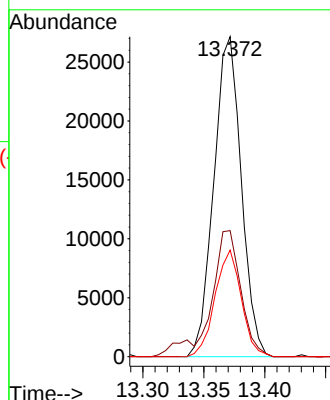
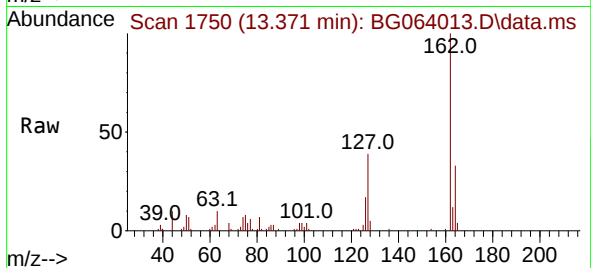
Tgt Ion:162 Resp: 42559

Ion Ratio Lower Upper

162 100

127 39.4 33.4 50.2

164 33.3 26.0 39.0



#48

2-Nitroaniline

Concen: 8.587 ng

RT: 13.560 min Scan# 1782

Delta R.T. -0.010 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

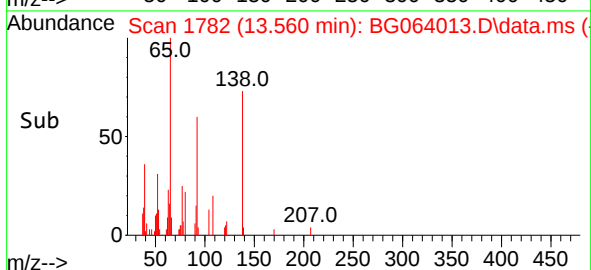
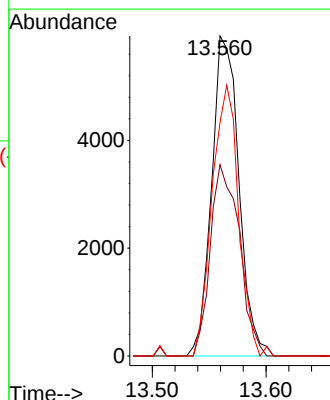
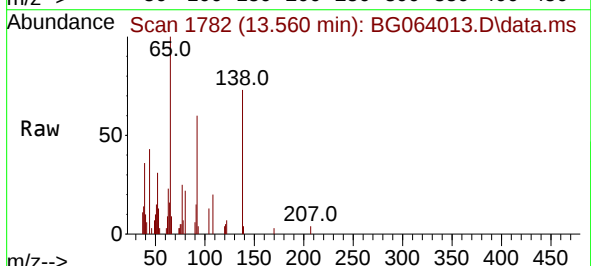
Tgt Ion: 65 Resp: 9878

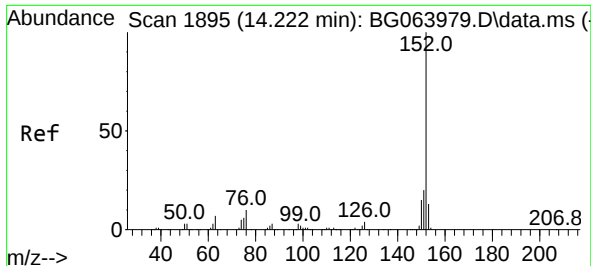
Ion Ratio Lower Upper

65 100

92 59.7 47.6 71.4

138 73.0 70.6 106.0

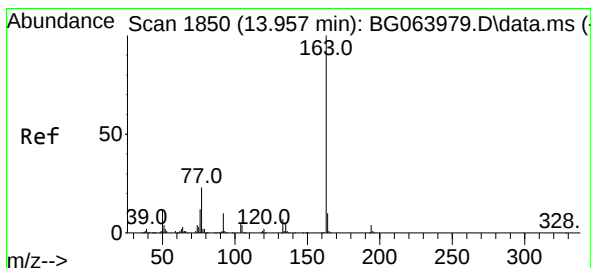
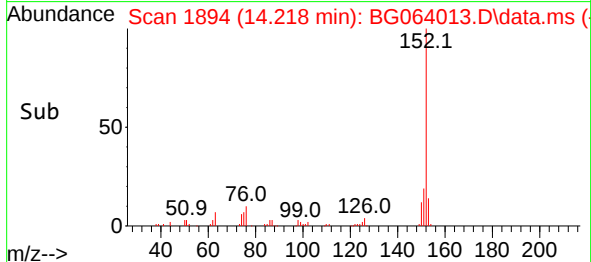
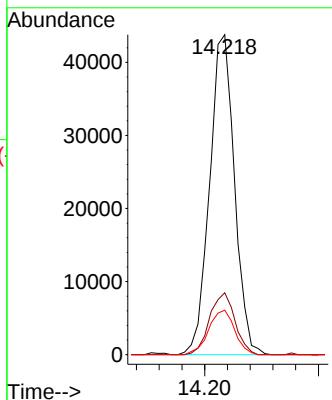
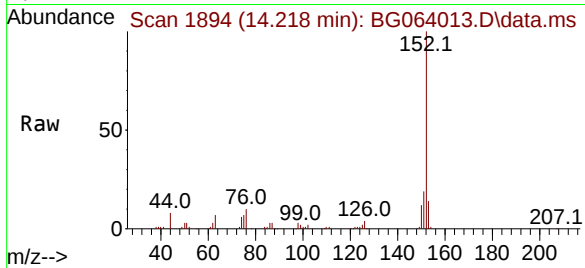




#49
Acenaphthylene
Concen: 4.513 ng
RT: 14.218 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

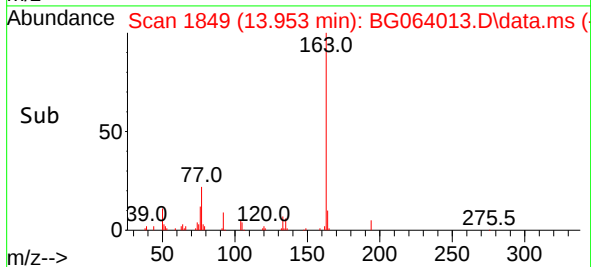
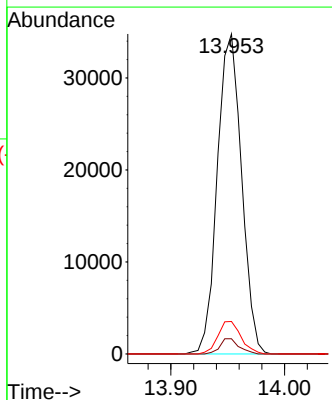
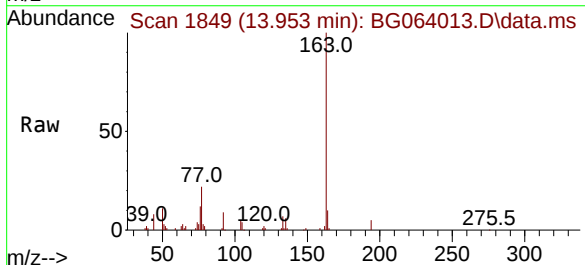
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

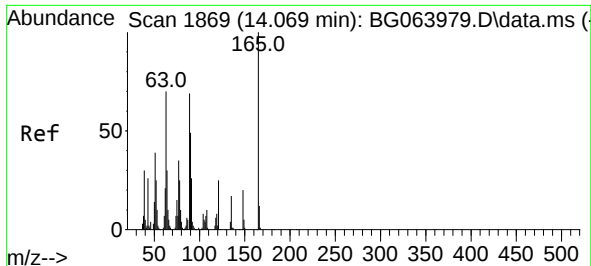
Tgt Ion:152	Resp:	66500
Ion Ratio	Lower	Upper
152	100	
151	19.3	15.9 23.9
153	13.9	10.3 15.5



#50
Dimethylphthalate
Concen: 4.544 ng
RT: 13.953 min Scan# 1849
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:163	Resp:	51504
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.0 4.4#
164	10.1	8.0 12.0

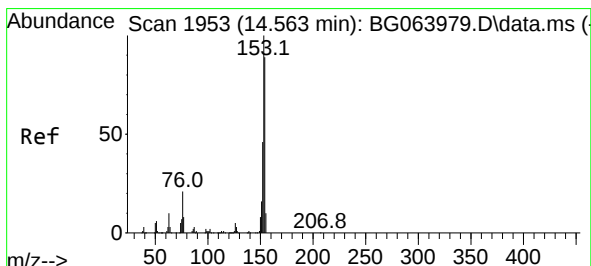
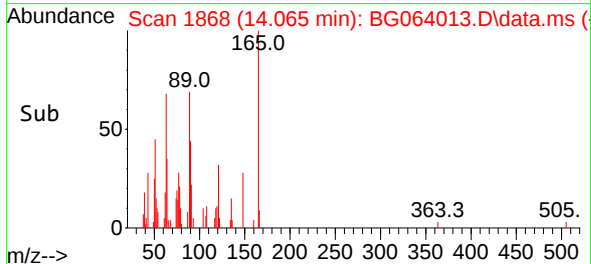
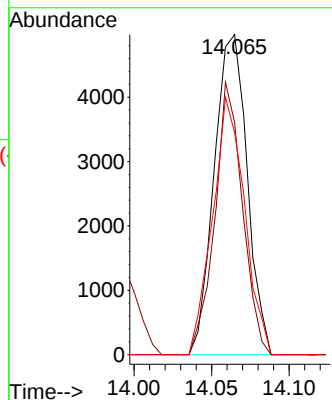
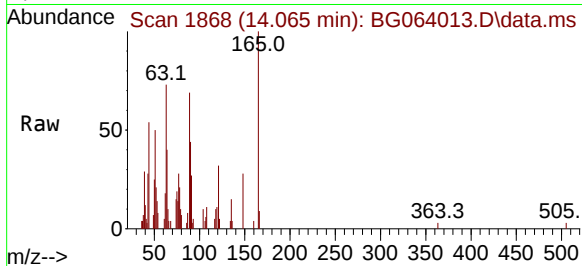




#51
2,6-Dinitrotoluene
Concen: 7.967 ng
RT: 14.065 min Scan# 1868
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

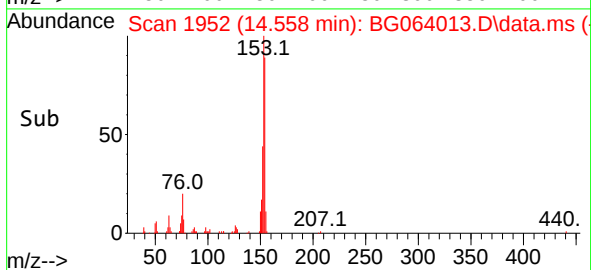
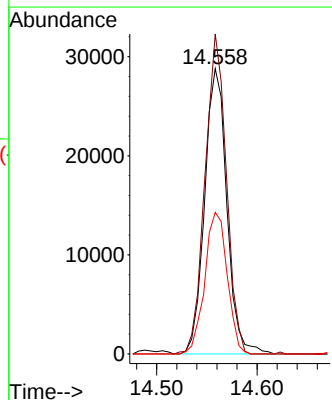
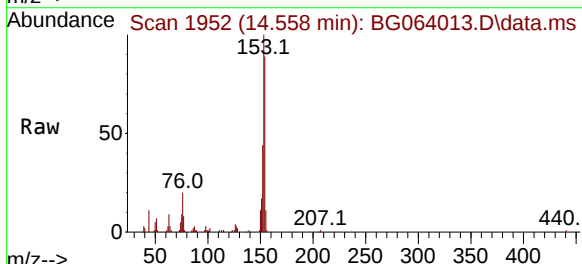
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

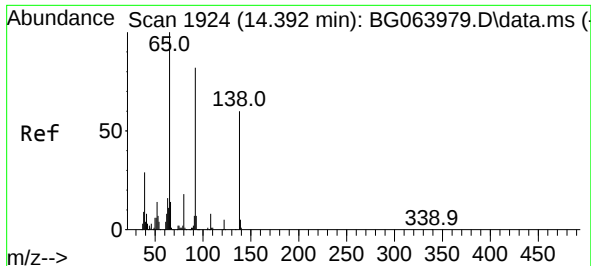
Tgt Ion:165 Resp: 7343
Ion Ratio Lower Upper
165 100
63 72.5 57.7 86.5
89 69.4 55.6 83.4



#52
Acenaphthene
Concen: 4.484 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:154 Resp: 44314
Ion Ratio Lower Upper
154 100
153 112.2 90.2 135.2
152 49.6 41.1 61.7

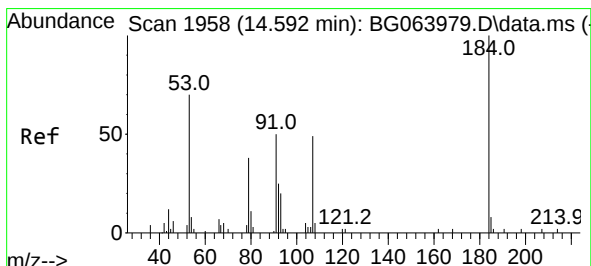
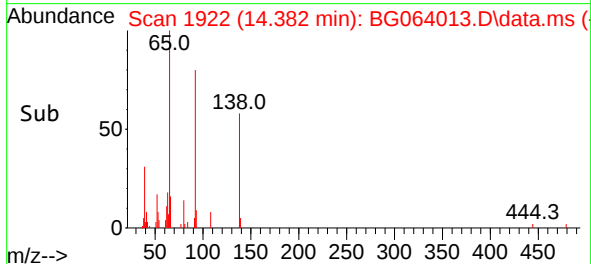
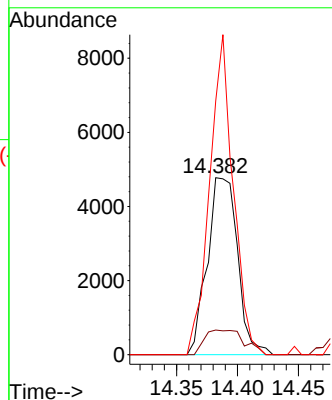
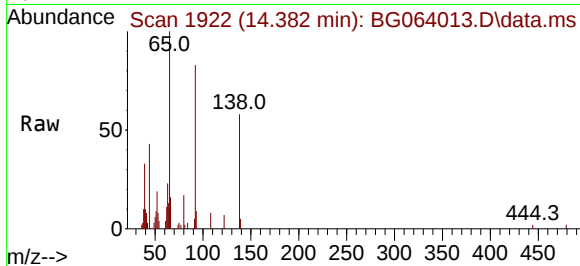




#53
3-Nitroaniline
Concen: 8.255 ng
RT: 14.382 min Scan# 1922
Delta R.T. -0.010 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

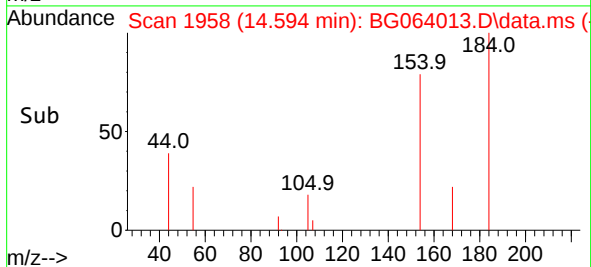
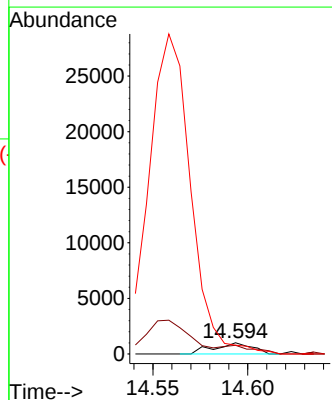
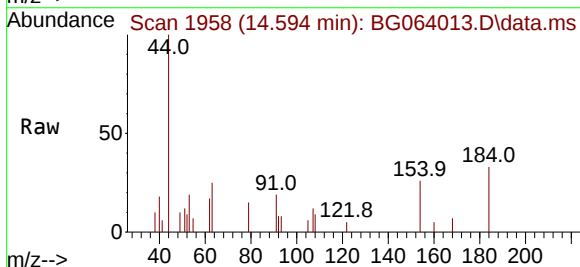
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

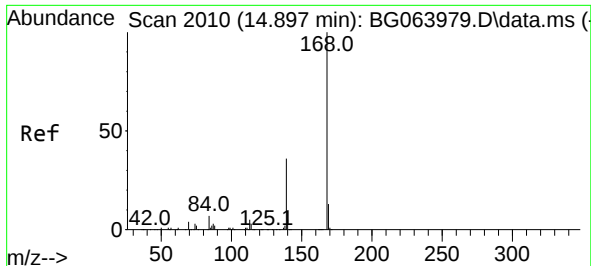
Tgt Ion:138 Resp: 8256
Ion Ratio Lower Upper
138 100
108 13.9 10.3 15.5
92 143.2 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 6.481 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:184 Resp: 1392
Ion Ratio Lower Upper
184 100
63 76.4 67.3 100.9
154 78.7 65.9 98.9

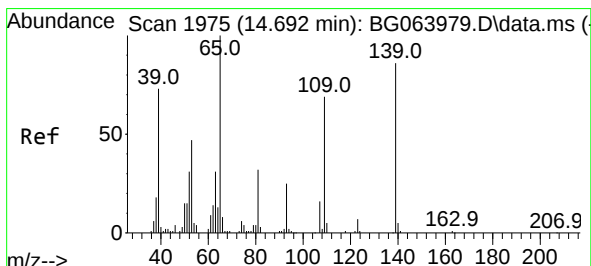
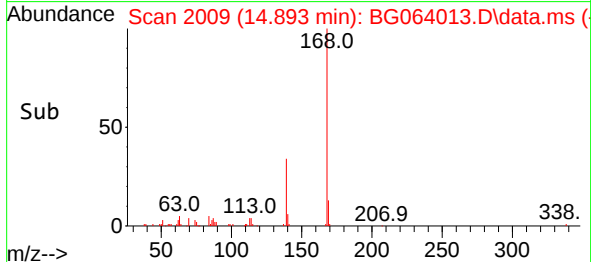
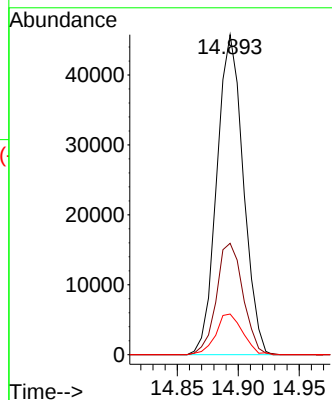
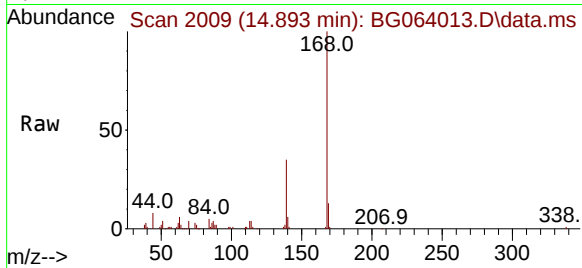




#55
Dibenzofuran
Concen: 4.305 ng
RT: 14.893 min Scan# 2010
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

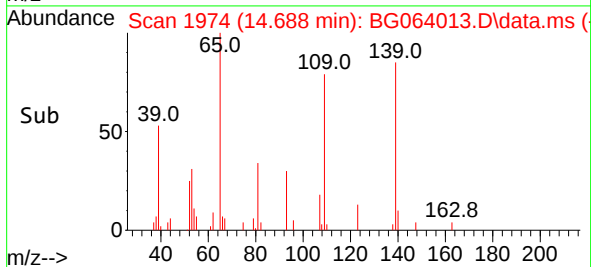
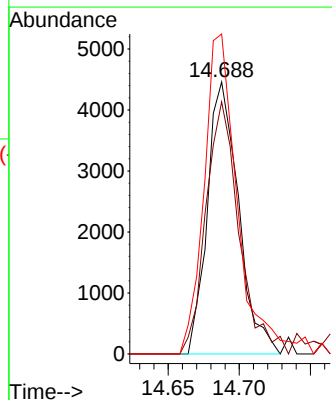
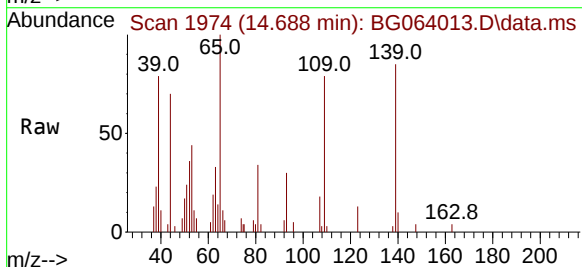
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2024

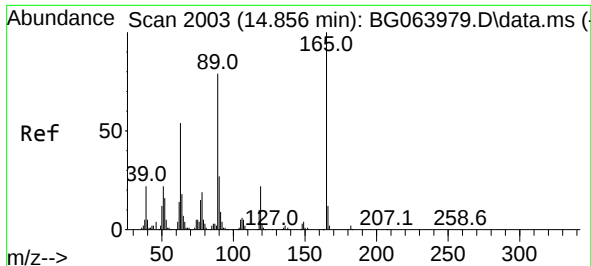
Tgt Ion:168 Resp: 69090
Ion Ratio Lower Upper
168 100
139 34.8 28.6 43.0
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 11.209 ng
RT: 14.688 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:139 Resp: 6798
Ion Ratio Lower Upper
139 100
109 92.8 60.1 100.1
65 117.7 96.2 136.2

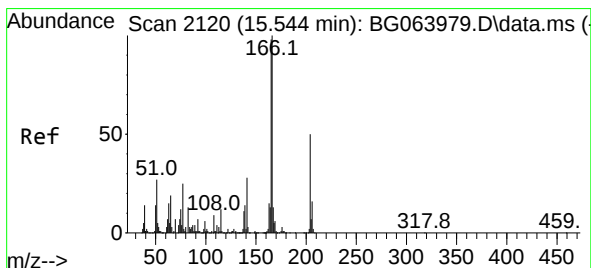
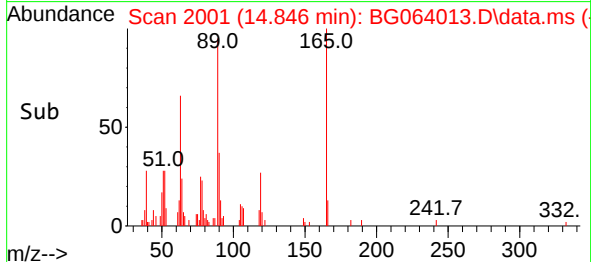
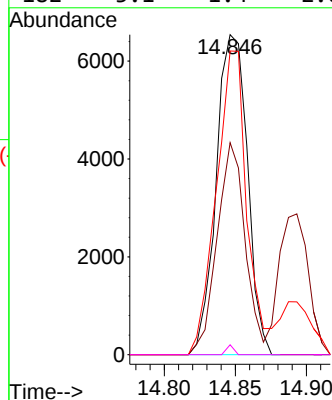
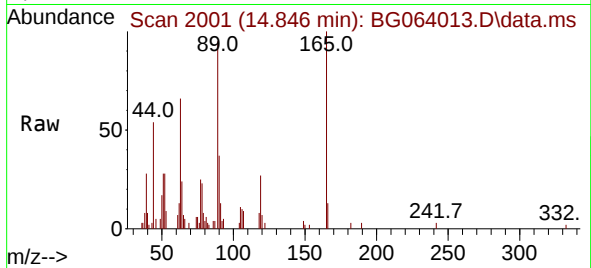




#57
2,4-Dinitrotoluene
Concen: 8.601 ng
RT: 14.846 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

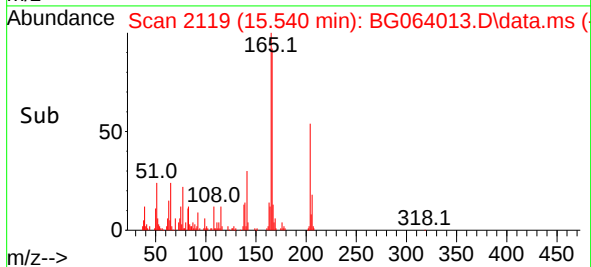
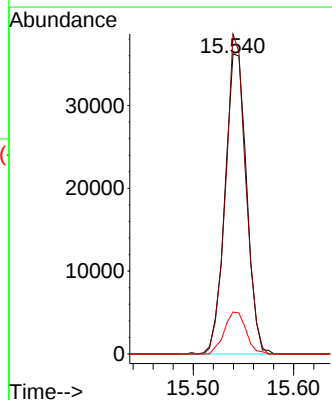
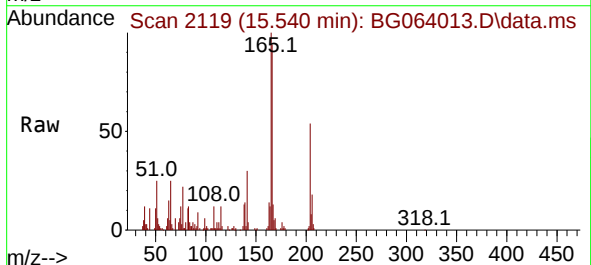
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

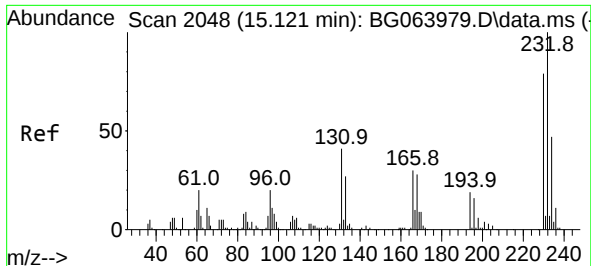
Tgt Ion:165 Resp: 9992
Ion Ratio Lower Upper
165 100
63 66.2 43.6 65.4#
89 94.9 63.1 94.7#
182 3.1 1.4 2.0#



#58
Fluorene
Concen: 4.350 ng
RT: 15.540 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:166 Resp: 53955
Ion Ratio Lower Upper
166 100
165 106.6 78.7 118.1
167 14.0 10.1 15.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.476 ng

RT: 15.117 min Scan# 2047

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:232 Resp: 11787

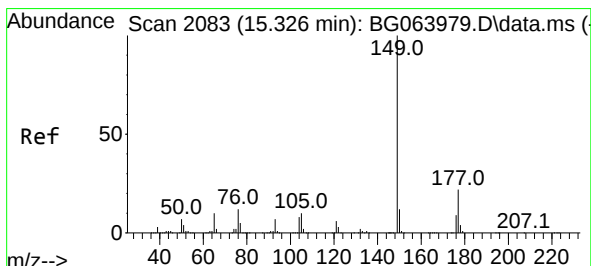
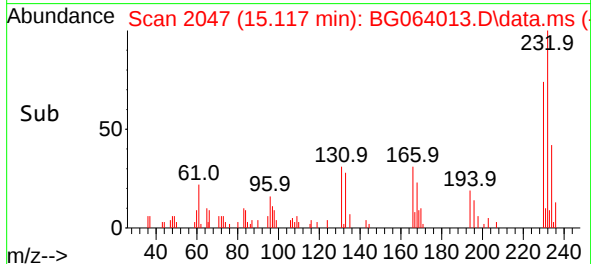
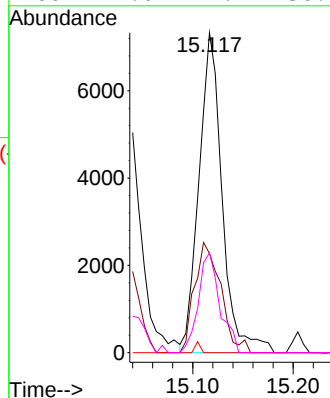
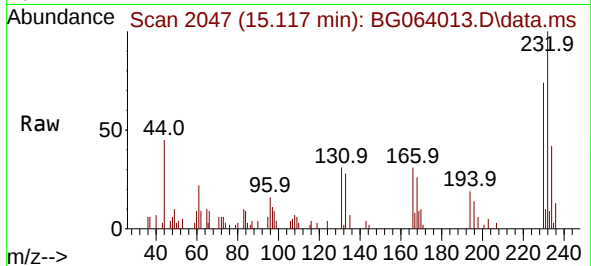
Ion Ratio Lower Upper

232 100

131 38.9 34.0 51.0

130 0.8 2.2 3.4#

166 29.0 24.1 36.1



#60

Diethylphthalate

Concen: 4.348 ng

RT: 15.322 min Scan# 2082

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

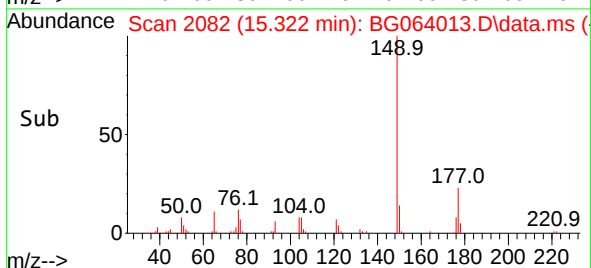
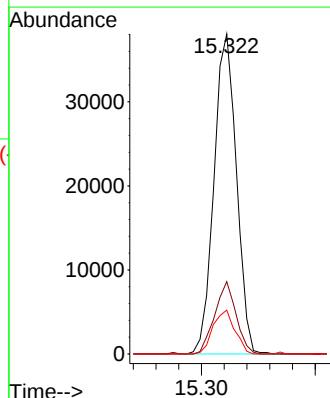
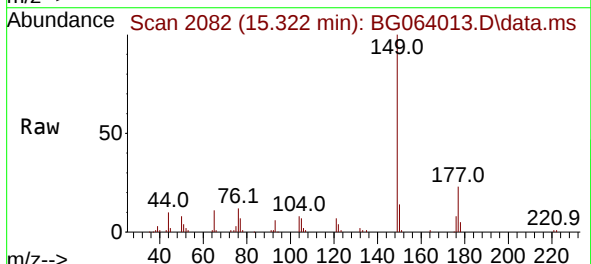
Tgt Ion:149 Resp: 52248

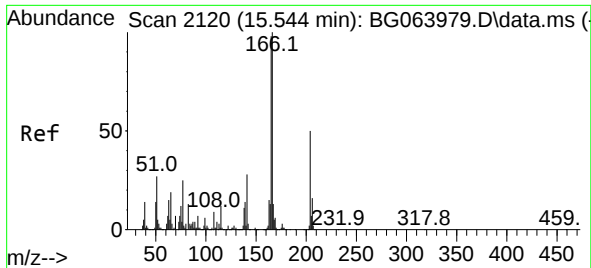
Ion Ratio Lower Upper

149 100

177 22.6 18.0 27.0

150 13.7 9.7 14.5

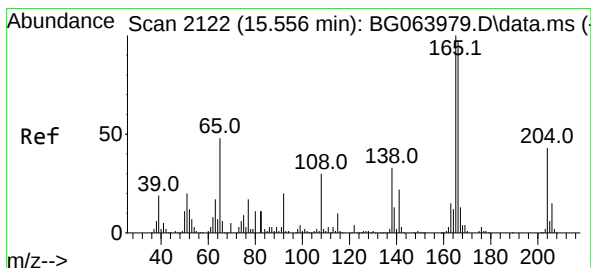
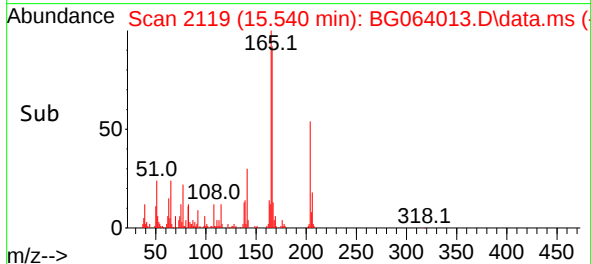
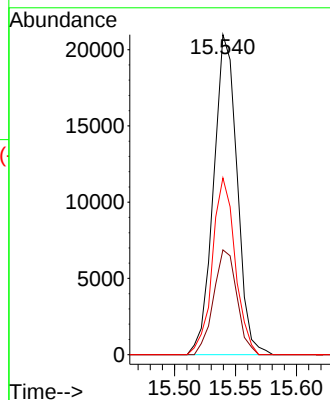
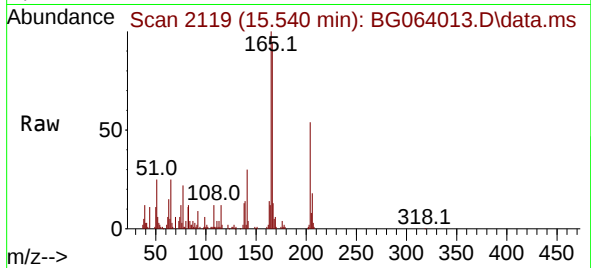




#61
4-Chlorophenyl-phenylether
Concen: 4.513 ng
RT: 15.540 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

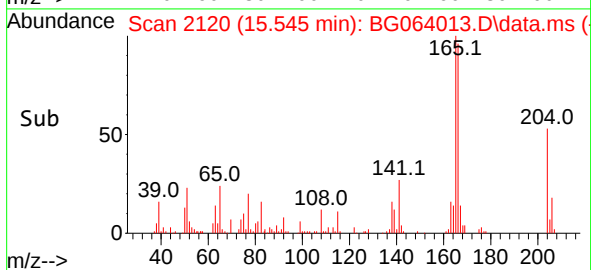
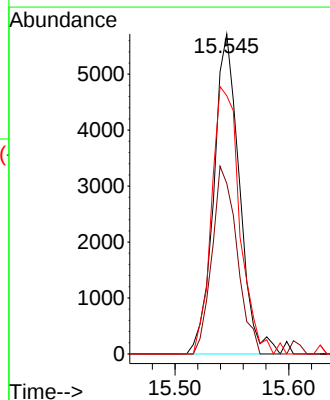
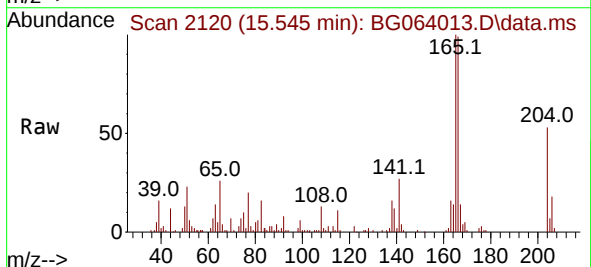
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

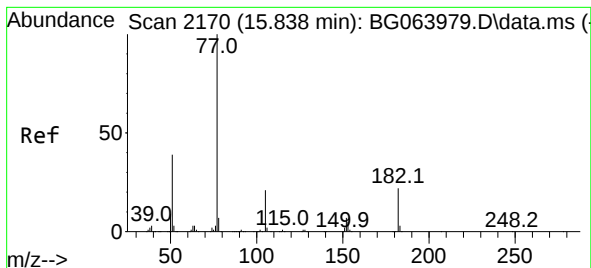
Tgt Ion:204 Resp: 28090
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 55.3 44.6 67.0



#62
4-Nitroaniline
Concen: 6.993 ng
RT: 15.545 min Scan# 2120
Delta R.T. -0.011 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:138 Resp: 8935
Ion Ratio Lower Upper
138 100
92 53.3 40.3 80.3
108 80.7 69.3 109.3





#63

Azobenzene

Concen: 3.969 ng

RT: 15.833 min Scan# 2170

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 77 Resp: 56336

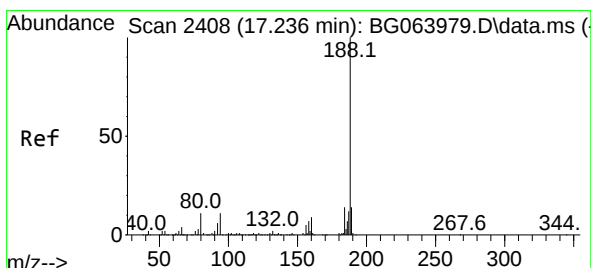
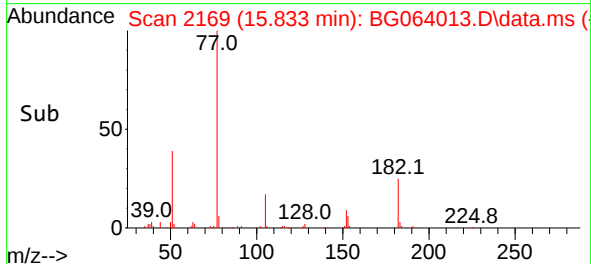
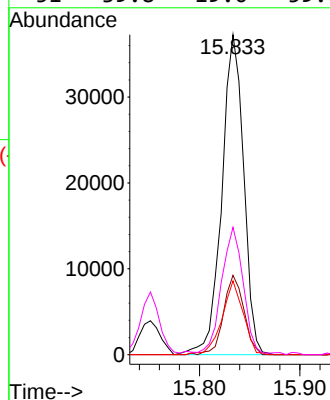
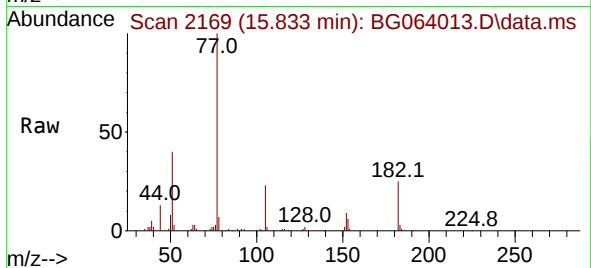
Ion Ratio Lower Upper

77 100

182 24.8 2.3 42.3

105 23.1 1.0 41.0

51 39.8 19.0 59.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.238 min Scan# 2408

Delta R.T. 0.002 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

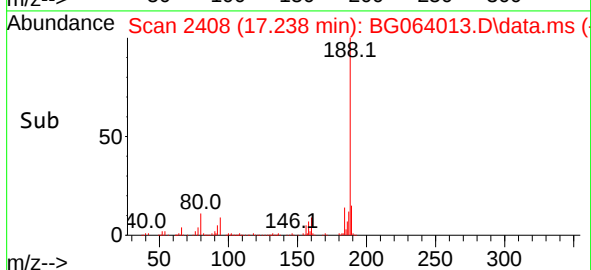
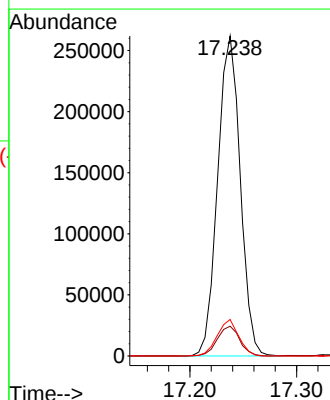
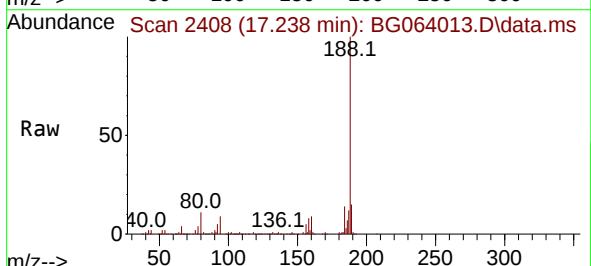
Tgt Ion:188 Resp: 384955

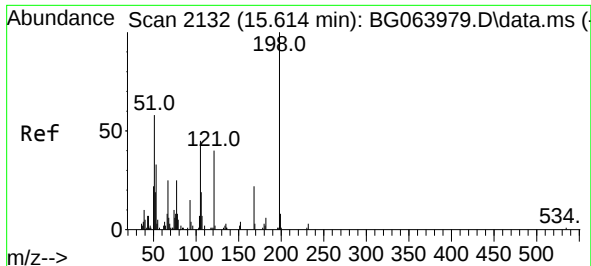
Ion Ratio Lower Upper

188 100

94 9.3 8.6 13.0

80 11.4 8.5 12.7

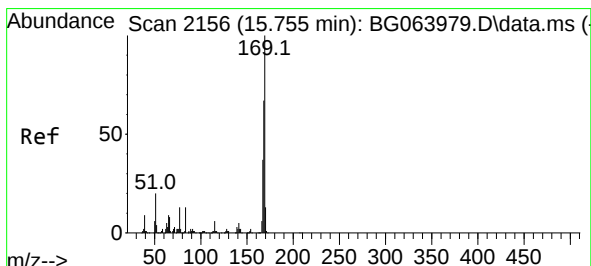
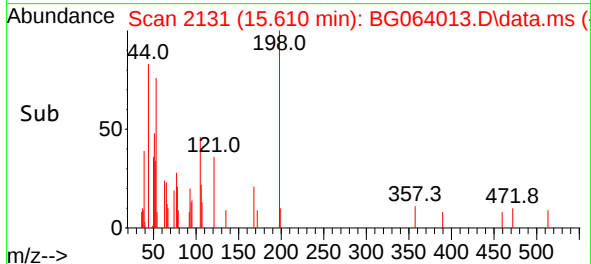
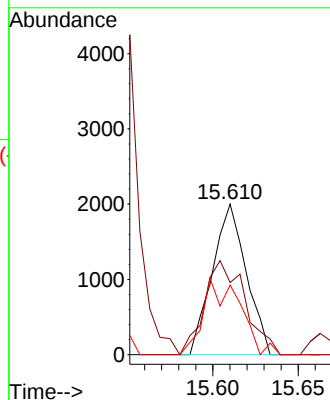
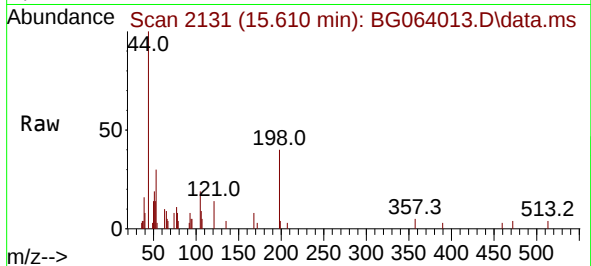




#65
4,6-Dinitro-2-methylphenol
Concen: 6.973 ng
RT: 15.610 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

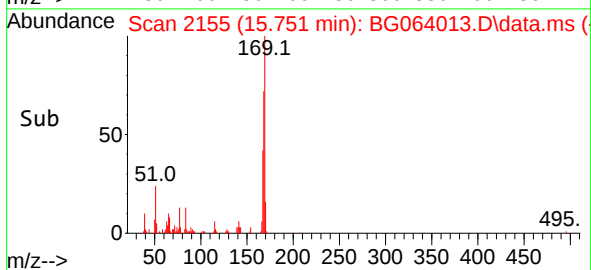
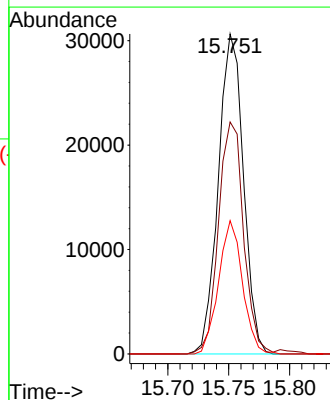
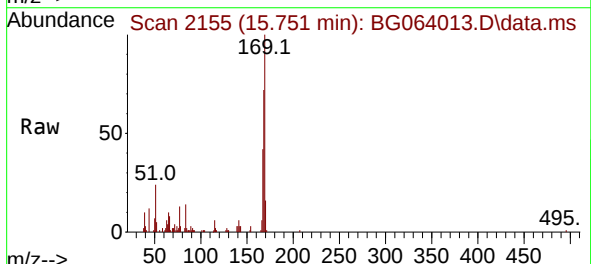
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

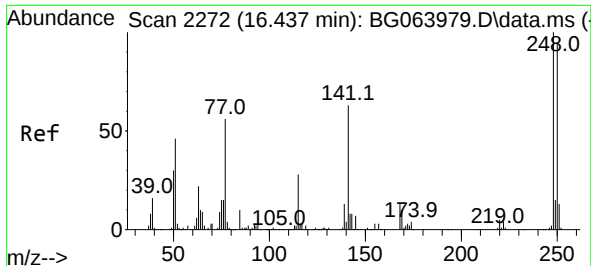
Tgt Ion:198	Resp:	2764
Ion Ratio	Lower	Upper
198	100	
51	47.9	45.4 85.4
105	46.3	27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 4.118 ng
RT: 15.751 min Scan# 2155
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:169	Resp:	43948
Ion Ratio	Lower	Upper
169	100	
168	72.5	53.5 80.3
167	41.6	30.0 45.0

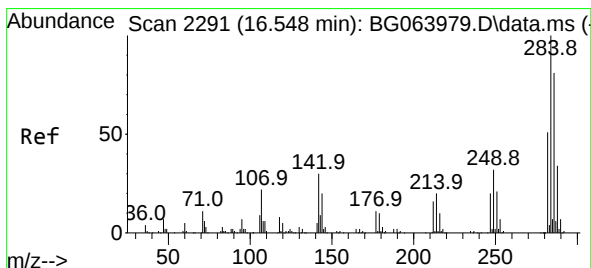
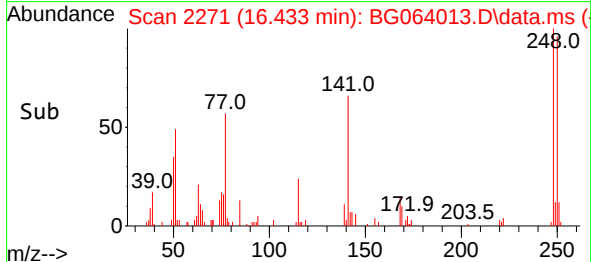
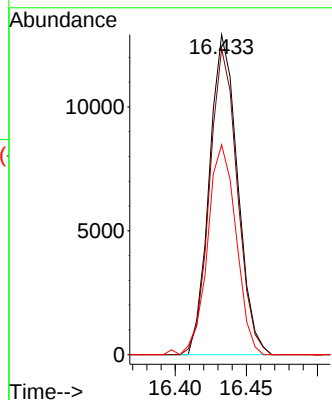
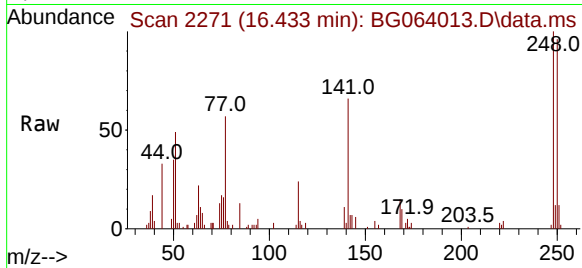




#67
4-Bromophenyl-phenylether
Concen: 4.649 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

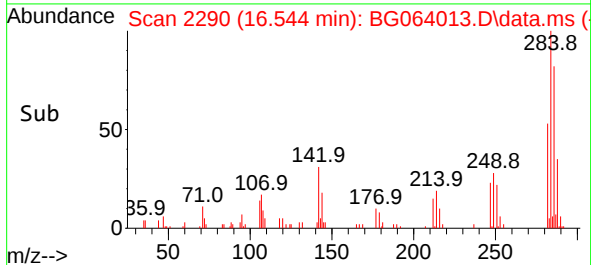
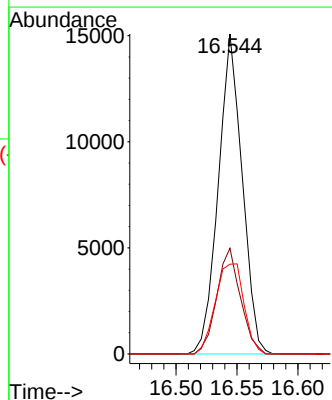
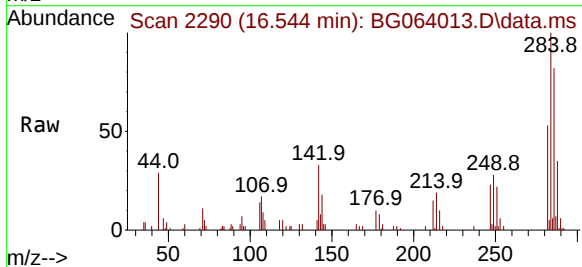
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

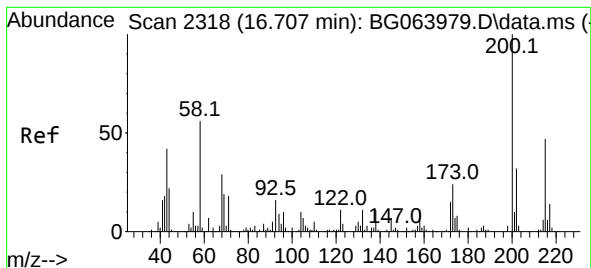
Tgt Ion:248 Resp: 17814
Ion Ratio Lower Upper
248 100
250 95.6 76.2 114.4
141 65.6 50.6 75.8



#68
Hexachlorobenzene
Concen: 4.561 ng
RT: 16.544 min Scan# 2290
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:284 Resp: 20548
Ion Ratio Lower Upper
284 100
142 33.1 23.8 35.8
249 28.1 25.9 38.9





#69

Atrazine

Concen: 5.014 ng

RT: 16.697 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

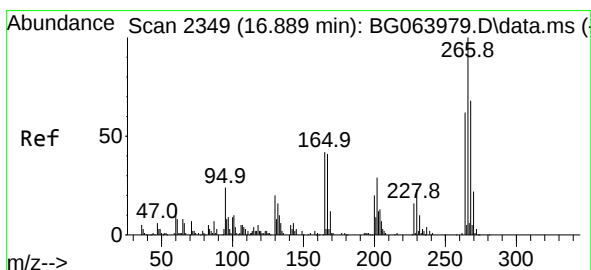
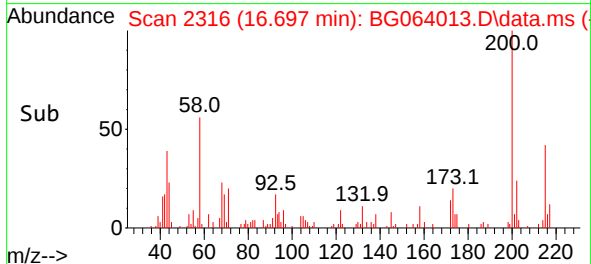
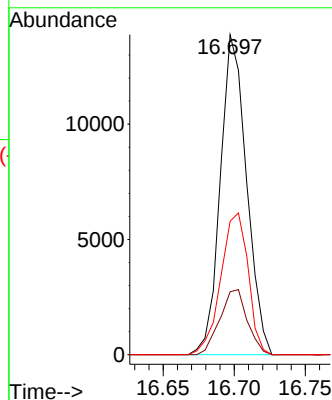
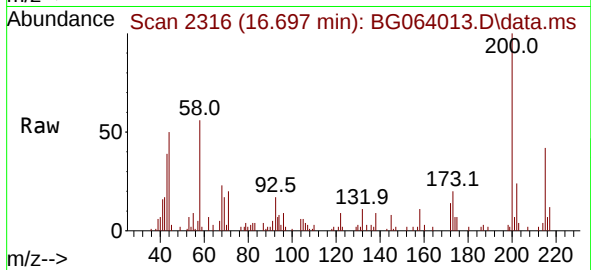
Tgt Ion:200 Resp: 17809

Ion Ratio Lower Upper

200 100

173 19.7 3.8 43.8

215 41.7 26.6 66.6



#70

Pentachlorophenol

Concen: 11.315 ng

RT: 16.885 min Scan# 2348

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

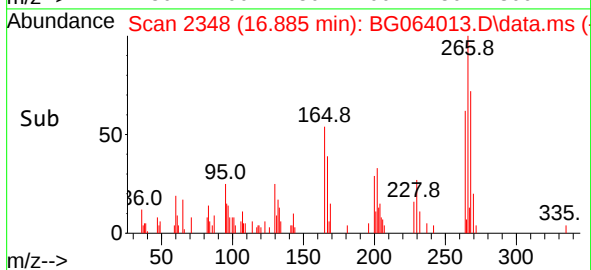
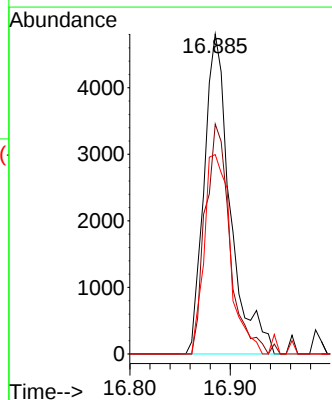
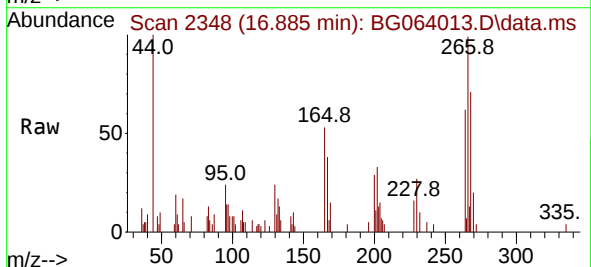
Tgt Ion:266 Resp: 8668

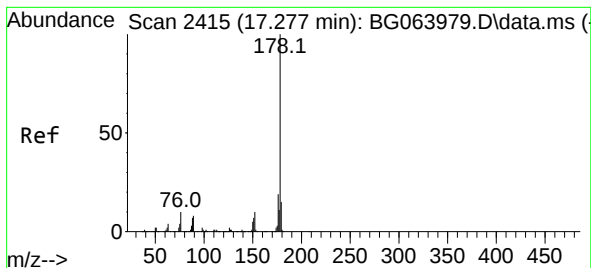
Ion Ratio Lower Upper

266 100

268 71.9 54.8 82.2

264 62.3 50.0 75.0





#71

Phenanthrene

Concen: 4.568 ng

RT: 17.279 min Scan# 2415

Delta R.T. 0.002 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

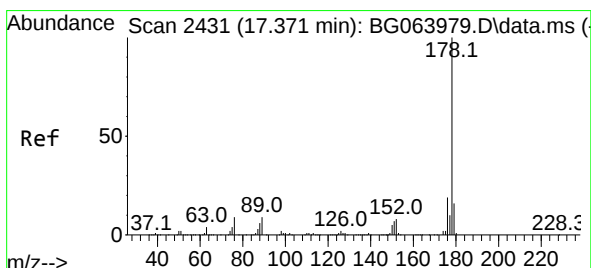
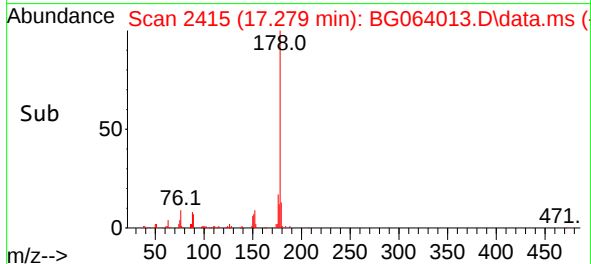
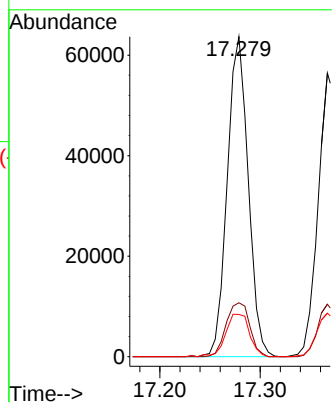
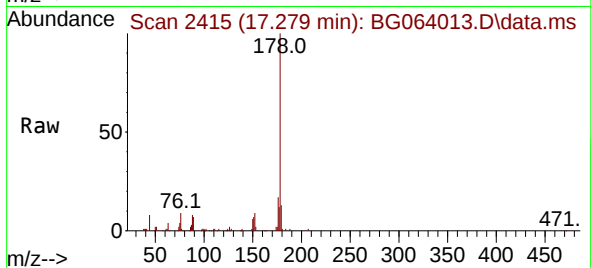
Tgt Ion:178 Resp: 92358

Ion Ratio Lower Upper

178 100

176 16.8 15.5 23.3

179 13.2 12.2 18.4



#72

Anthracene

Concen: 4.165 ng

RT: 17.367 min Scan# 2430

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

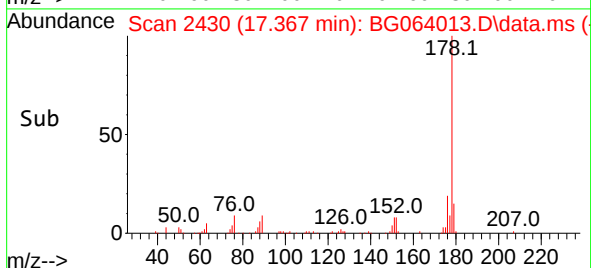
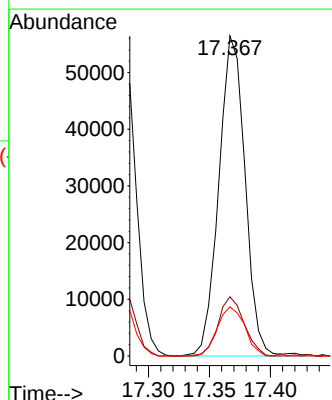
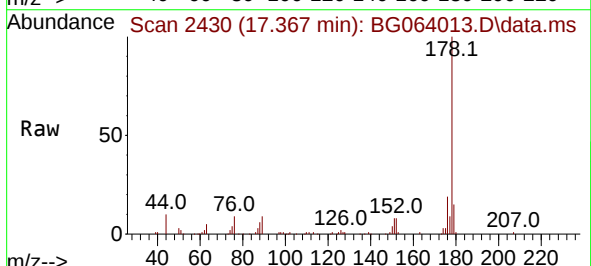
Tgt Ion:178 Resp: 84270

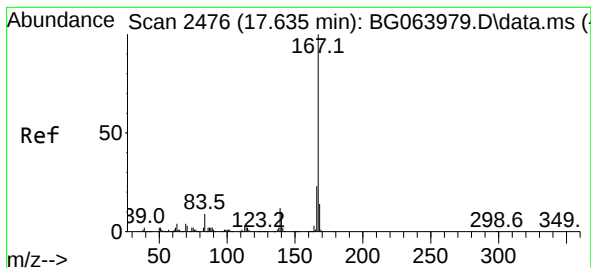
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.4 12.8 19.2





#73

Carbazole

Concen: 4.317 ng

RT: 17.631 min Scan# 2476

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

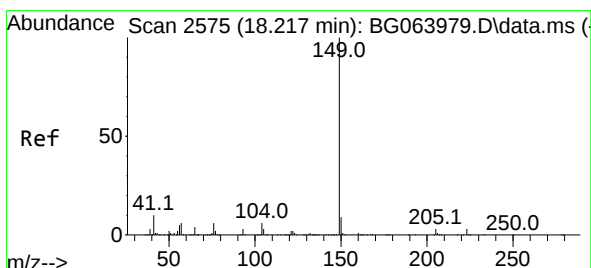
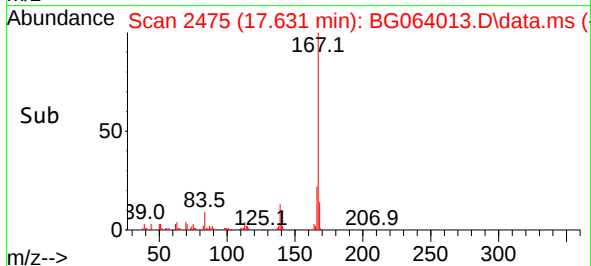
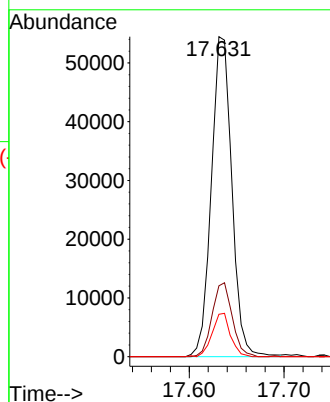
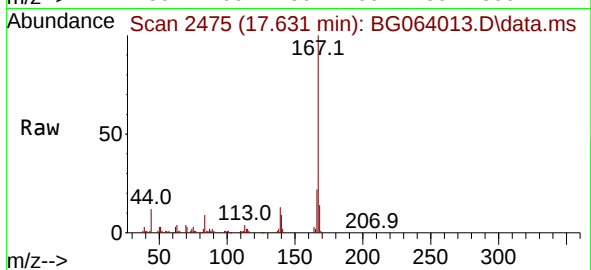
Tgt Ion:167 Resp: 81766

Ion Ratio Lower Upper

167 100

166 22.2 18.6 28.0

139 13.3 9.8 14.8



#74

Di-n-butylphthalate

Concen: 4.422 ng

RT: 18.213 min Scan# 2574

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

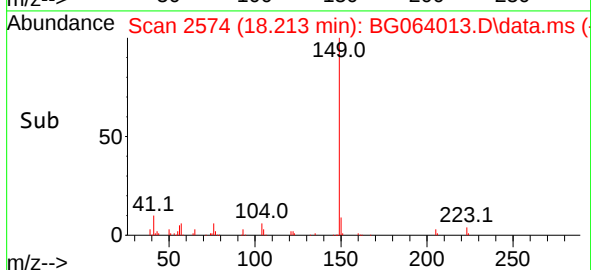
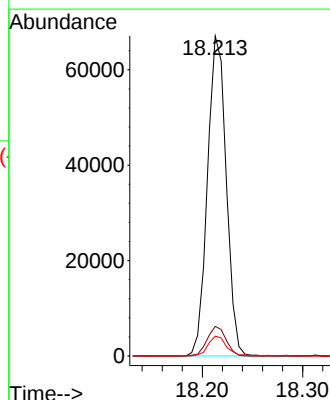
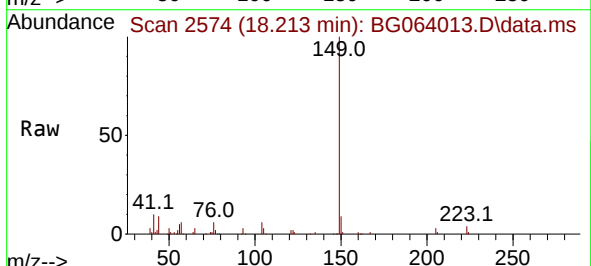
Tgt Ion:149 Resp: 87288

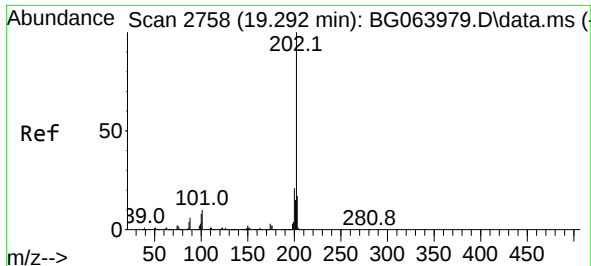
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 6.2 4.6 6.8

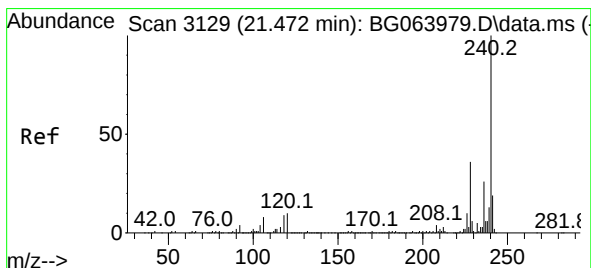
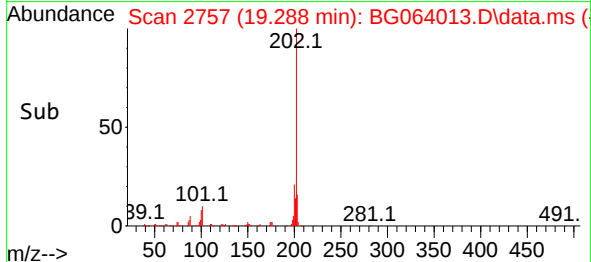
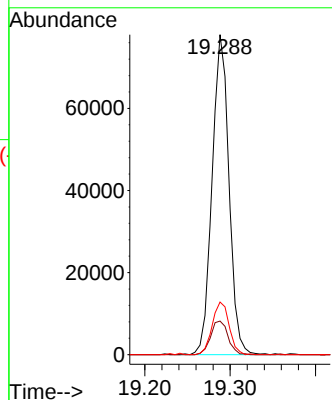
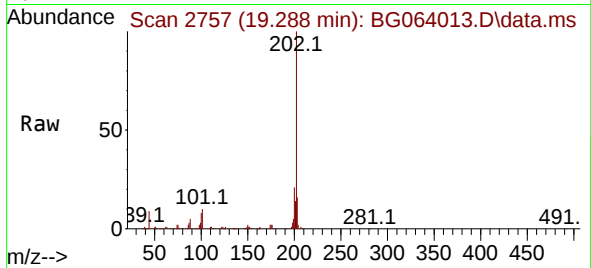




#75
Fluoranthene
Concen: 4.351 ng
RT: 19.288 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

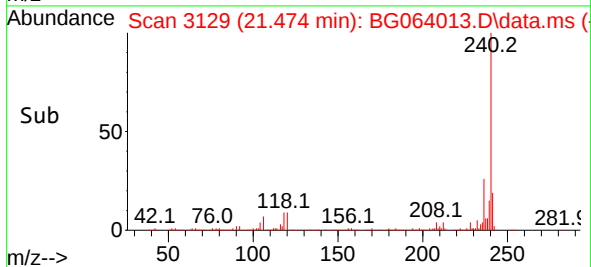
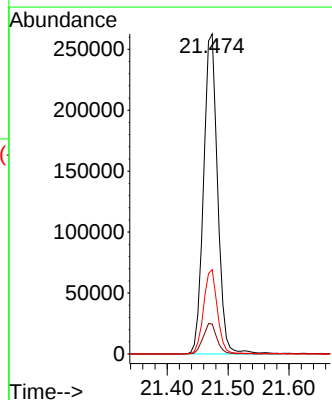
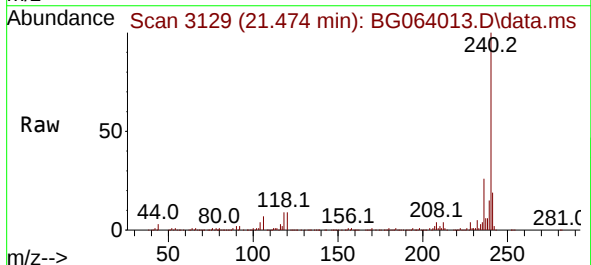
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

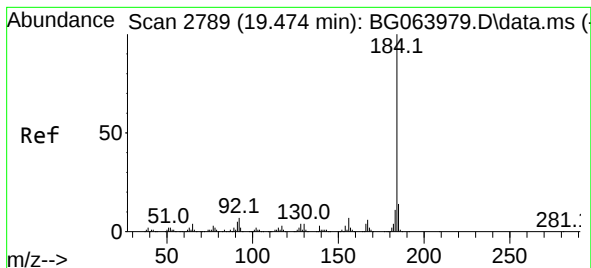
Tgt Ion:202 Resp: 107116
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 16.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3129
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:240 Resp: 419839
Ion Ratio Lower Upper
240 100
120 9.3 7.9 11.9
236 26.4 21.0 31.6





#77

Benzidine

Concen: 2.910 ng m

RT: 19.470 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

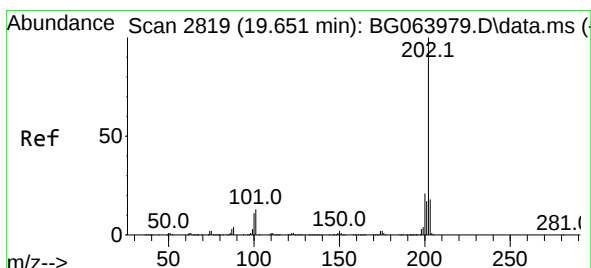
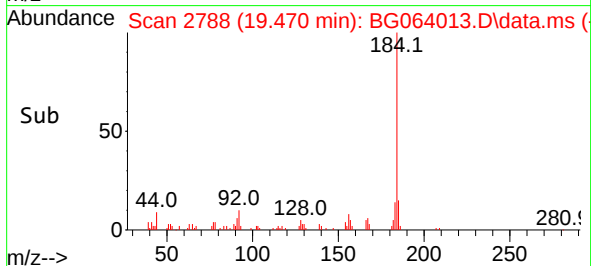
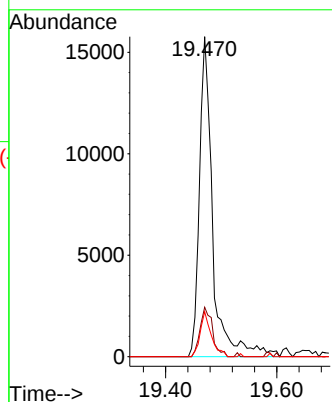
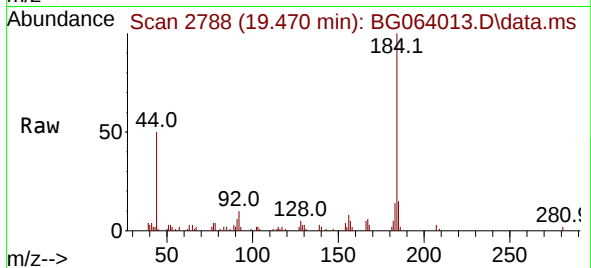
Tgt Ion:184 Resp: 26019

Ion Ratio Lower Upper

184 100

185 15.4 11.2 16.8

183 14.1 8.7 13.1#



#78

Pyrene

Concen: 4.870 ng

RT: 19.652 min Scan# 2819

Delta R.T. 0.002 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

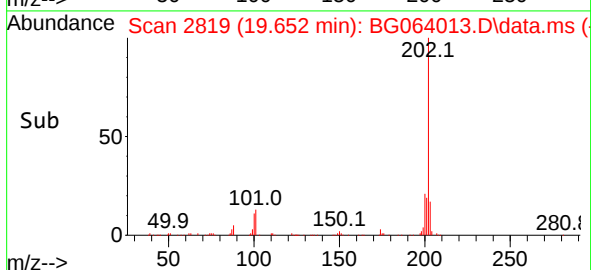
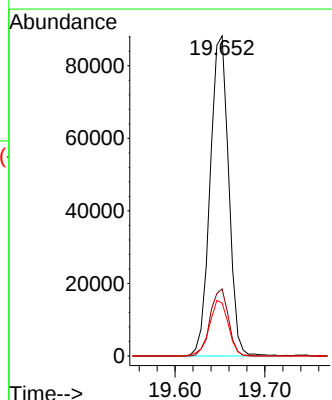
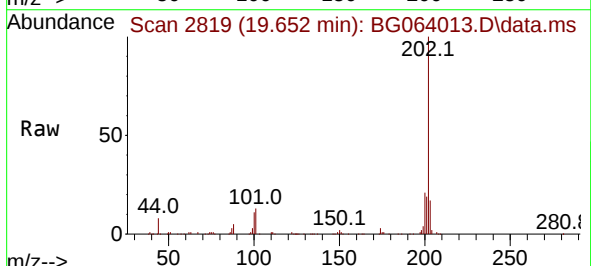
Tgt Ion:202 Resp: 126237

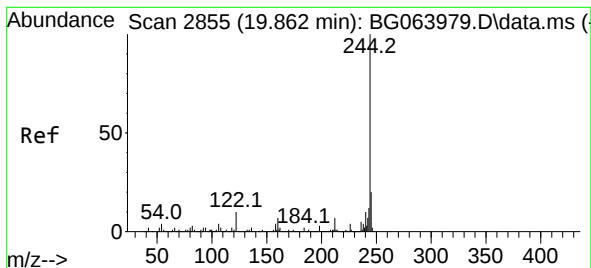
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 16.5 14.5 21.7





#79

Terphenyl-d14

Concen: 89.809 ng

RT: 19.864 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

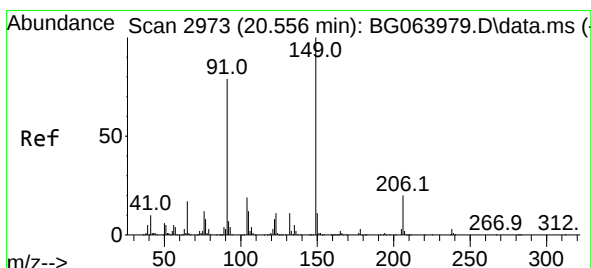
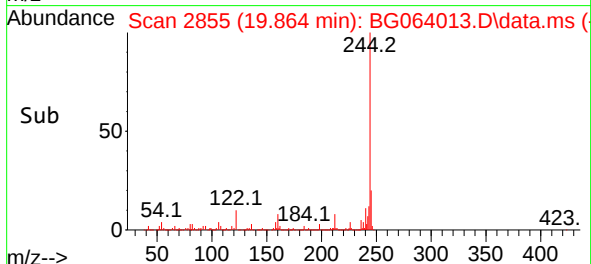
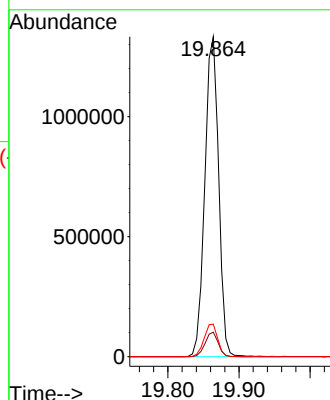
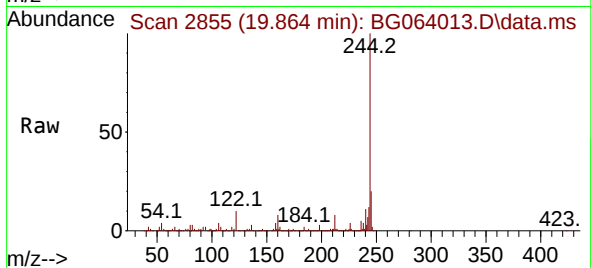
Tgt Ion:244 Resp: 1805410

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 10.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 8.743 ng

RT: 20.557 min Scan# 2973

Delta R.T. 0.001 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

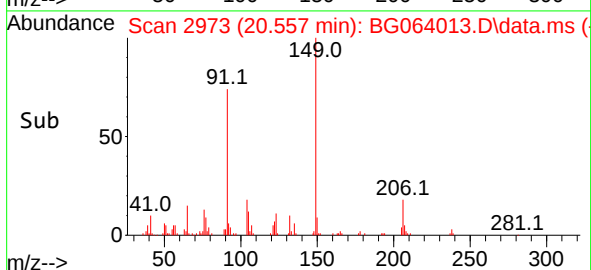
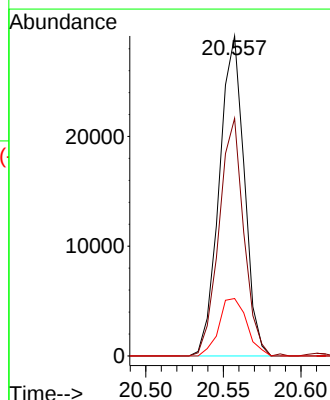
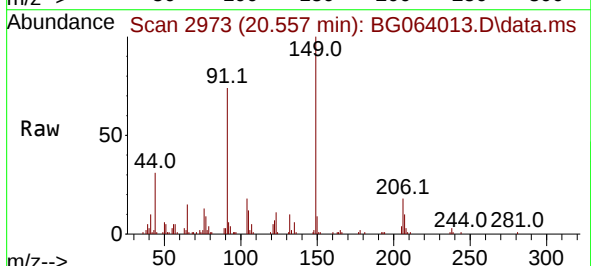
Tgt Ion:149 Resp: 32614

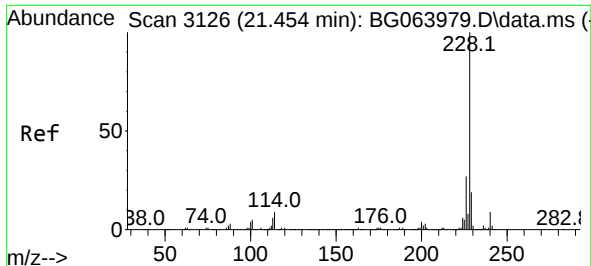
Ion Ratio Lower Upper

149 100

91 74.2 63.0 94.6

206 18.0 15.8 23.6

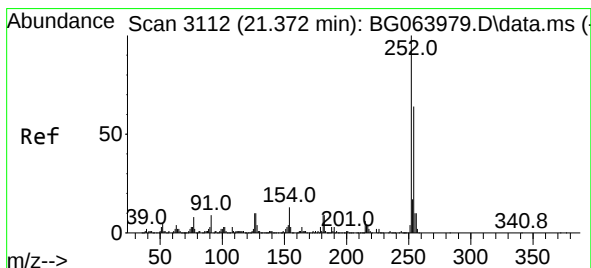
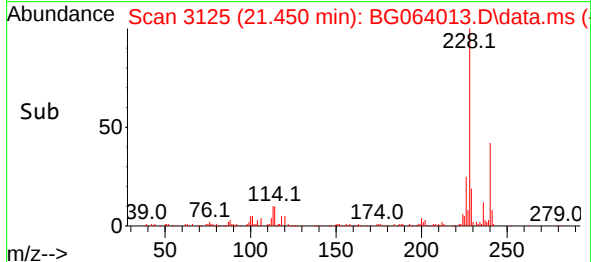
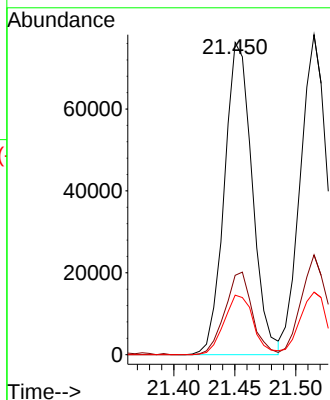
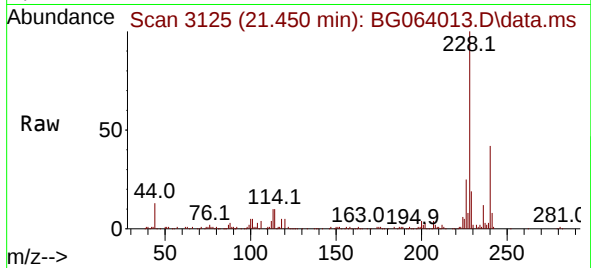




#81
Benzo(a)anthracene
Concen: 4.551 ng
RT: 21.450 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

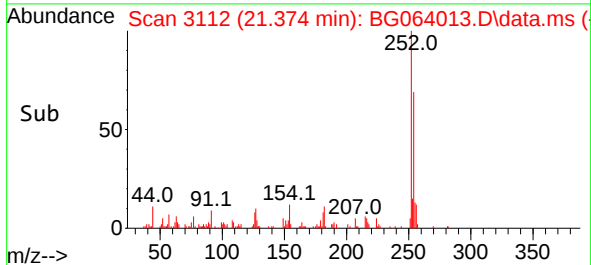
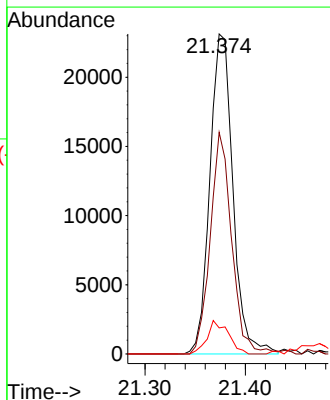
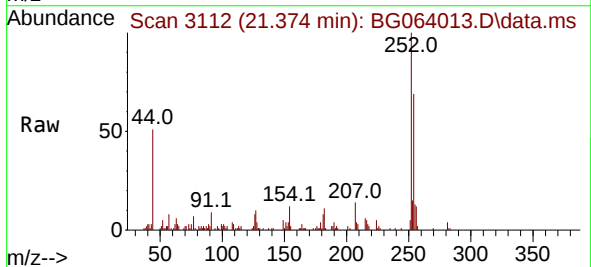
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

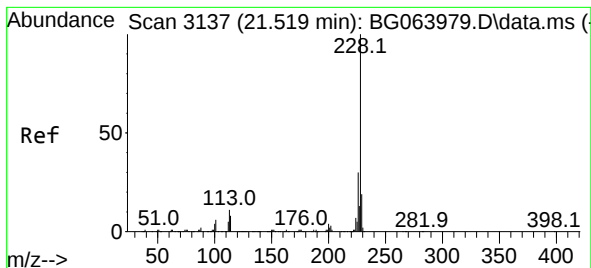
Tgt Ion:228 Resp: 121312
Ion Ratio Lower Upper
228 100
226 25.4 21.8 32.6
229 19.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 4.441 ng
RT: 21.374 min Scan# 3112
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:252 Resp: 36865
Ion Ratio Lower Upper
252 100
254 69.2 50.8 76.2
126 8.2 8.2 12.2





#83

Chrysene

Concen: 4.656 ng

RT: 21.515 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

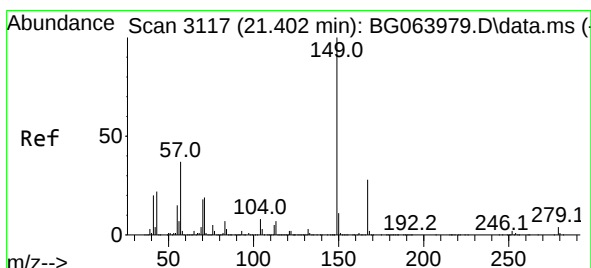
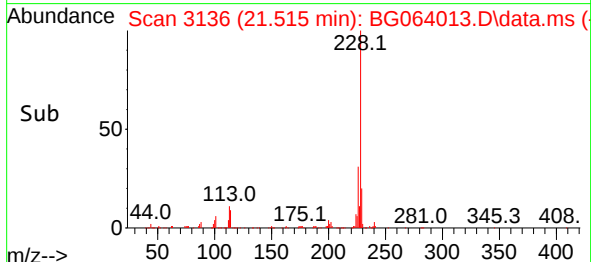
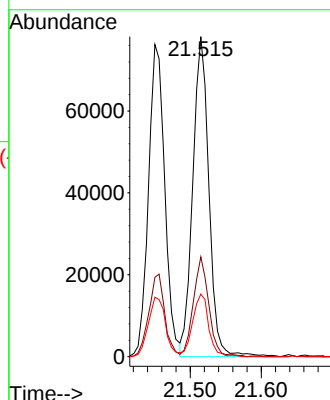
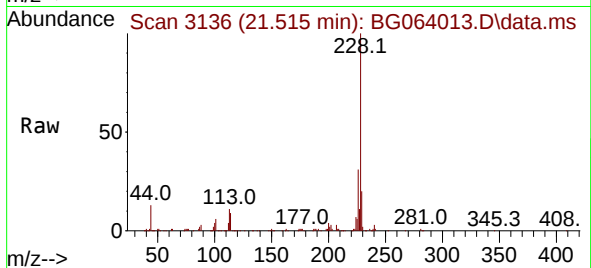
Tgt Ion:228 Resp: 123500

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.961 ng

RT: 21.397 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

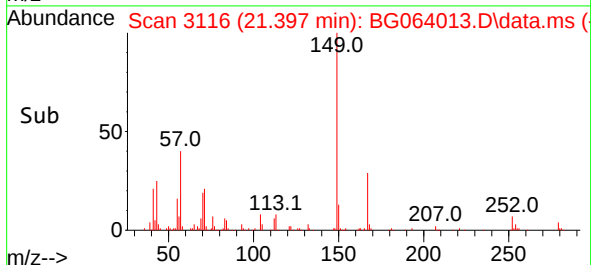
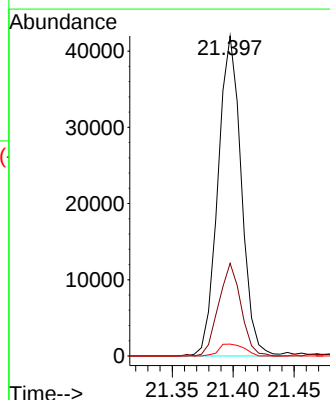
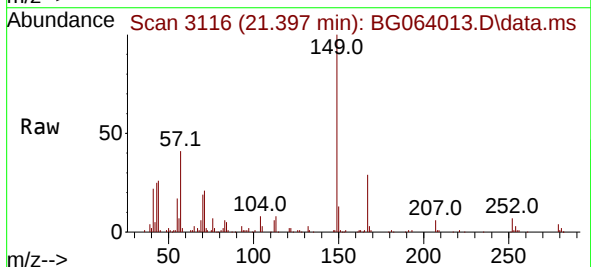
Tgt Ion:149 Resp: 55892

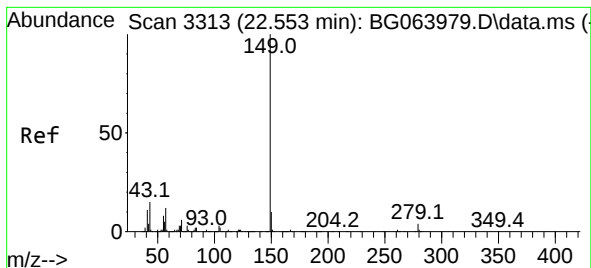
Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 10.200 ng

RT: 22.549 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

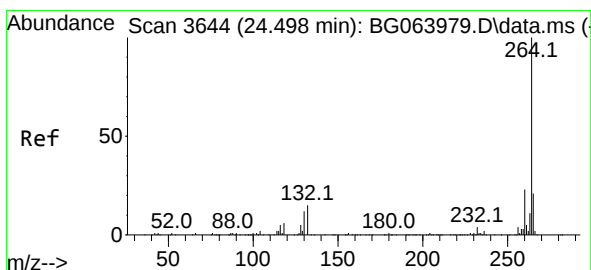
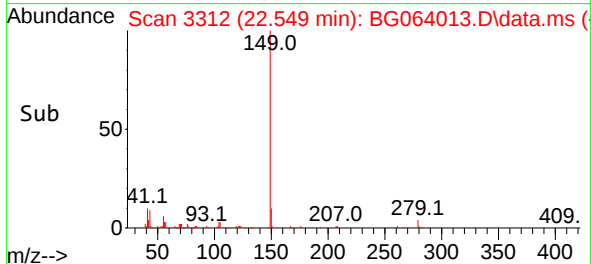
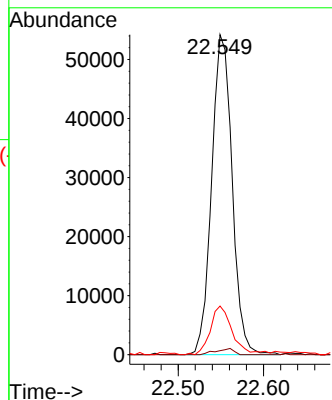
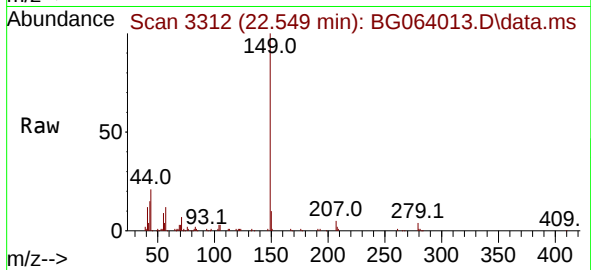
Tgt Ion:149 Resp: 90493

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 16.3 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.506 min Scan# 3645

Delta R.T. 0.008 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

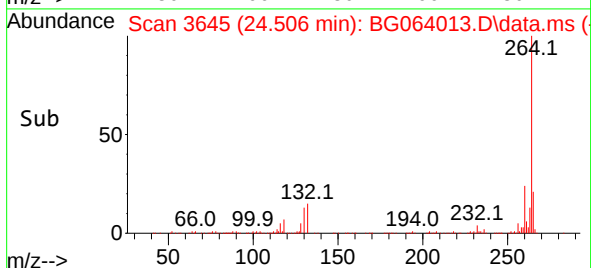
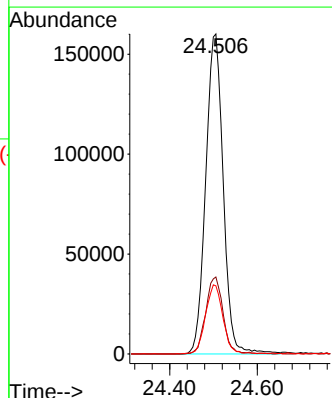
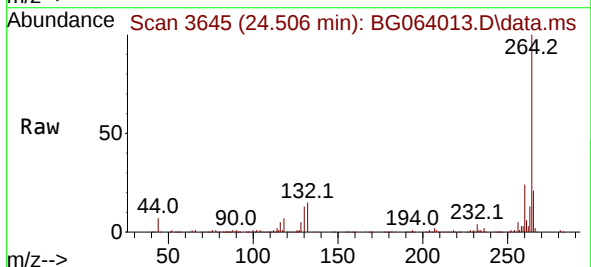
Tgt Ion:264 Resp: 446462

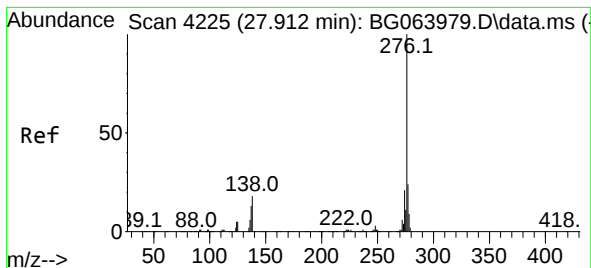
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.3 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.592 ng

RT: 27.907 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

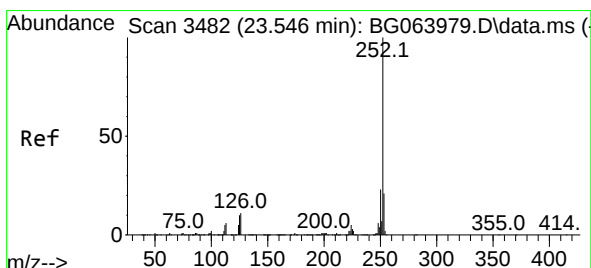
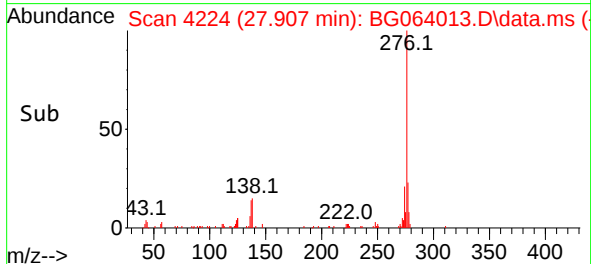
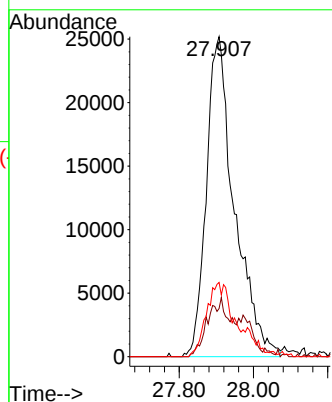
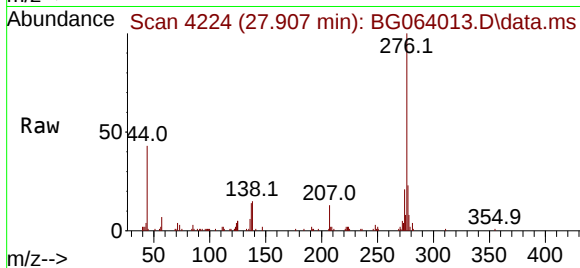
Tgt Ion:276 Resp: 132252

Ion Ratio Lower Upper

276 100

138 7.1 10.7 16.1#

277 12.4 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 4.298 ng

RT: 23.542 min Scan# 3481

Delta R.T. -0.004 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

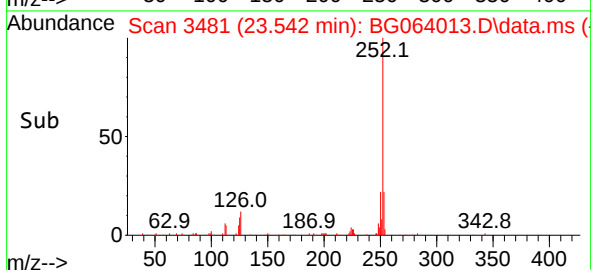
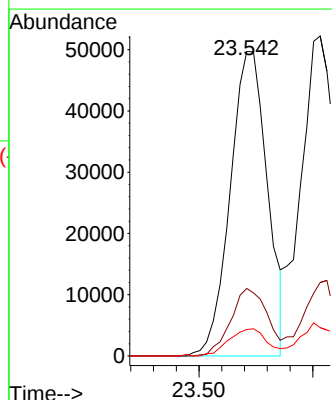
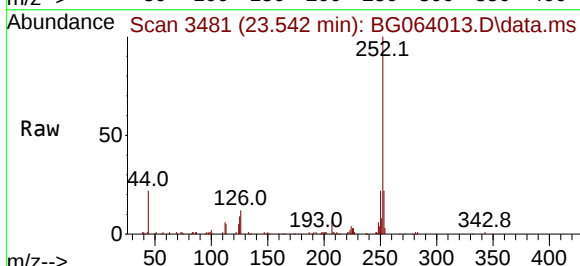
Tgt Ion:252 Resp: 113003

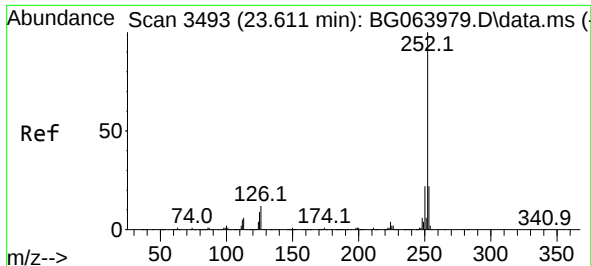
Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 8.7 7.9 11.9

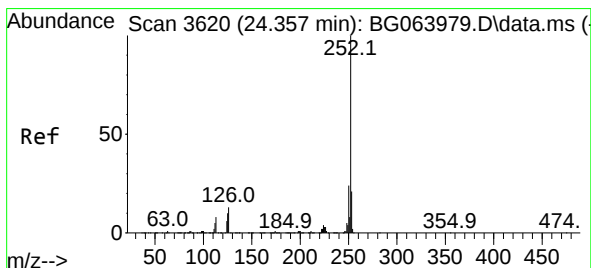
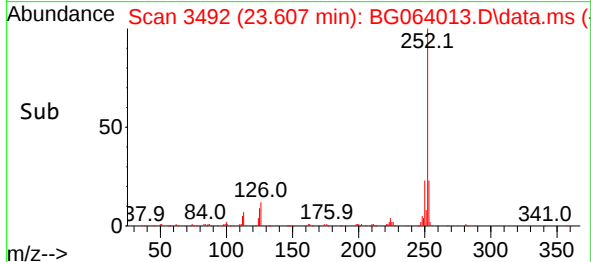
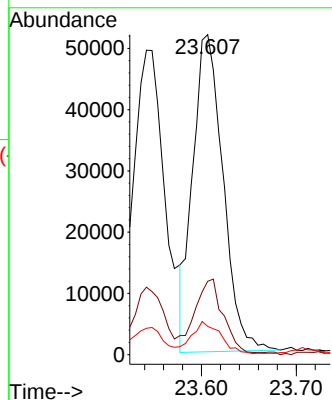
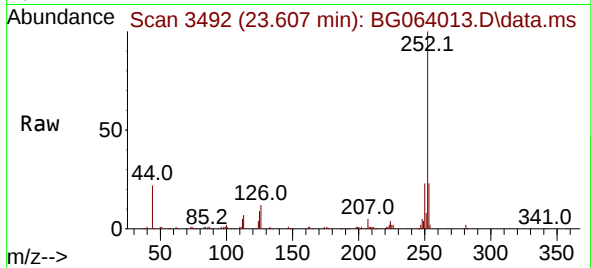




#89
Benzo(k)fluoranthene
Concen: 4.240 ng
RT: 23.607 min Scan# 3493
Delta R.T. -0.004 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

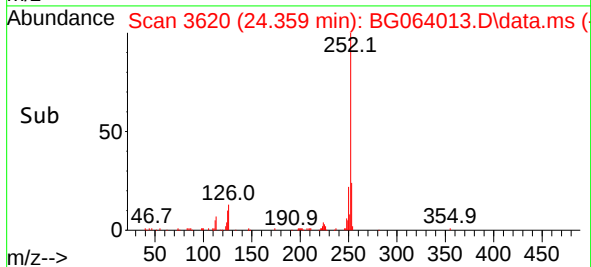
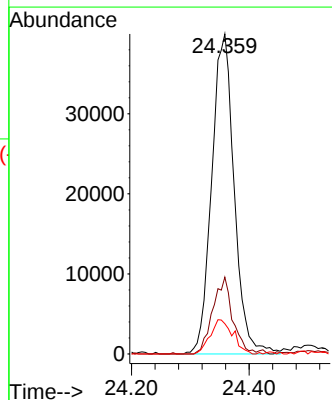
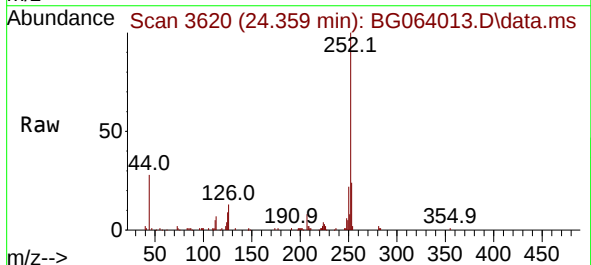
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

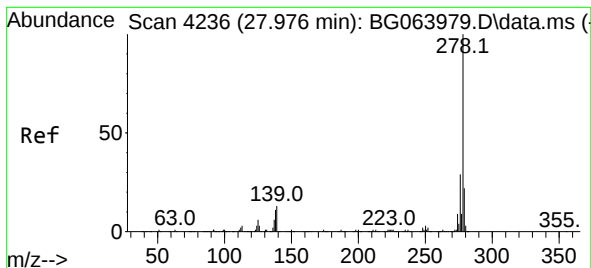
Tgt Ion:252 Resp: 114445
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 8.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 4.519 ng
RT: 24.359 min Scan# 3620
Delta R.T. 0.002 min
Lab File: BG064013.D
Acq: 6 Feb 2025 12:13

Tgt Ion:252 Resp: 106052
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 9.4 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 4.378 ng

RT: 27.966 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2024

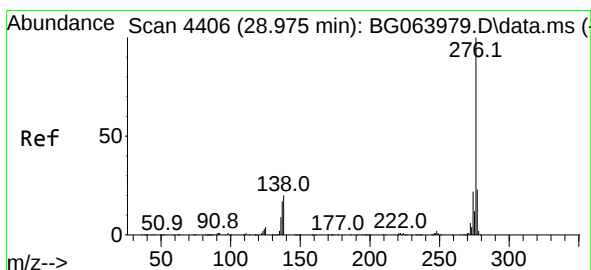
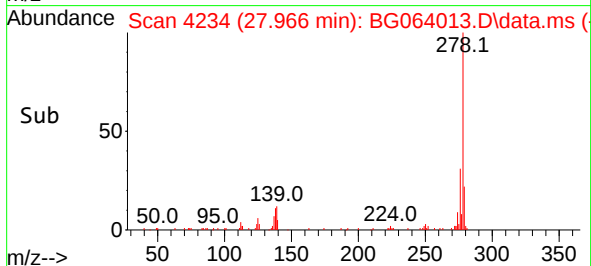
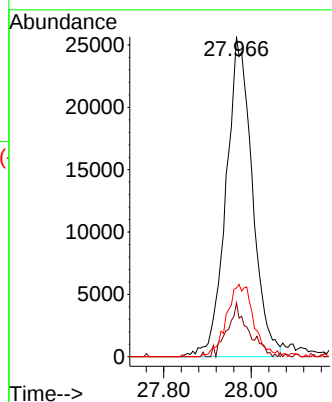
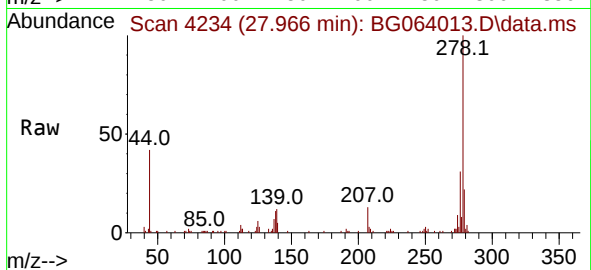
Tgt Ion:278 Resp: 106478

Ion Ratio Lower Upper

278 100

139 16.8 10.8 16.2#

279 21.5 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 4.248 ng

RT: 28.959 min Scan# 4403

Delta R.T. -0.016 min

Lab File: BG064013.D

Acq: 6 Feb 2025 12:13

Tgt Ion:276 Resp: 104289

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.4

138 20.7 15.8 23.6

