

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062663.D
 Acq On : 5 Sep 2024 12:30
 Operator : MA/JU
 Sample : P3390-09
 Misc : MDL-WATER-4 ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Sep 05 13:43:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	56577	20.000	ng	0.00
21) Naphthalene-d8	10.711	136	246775	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	193776	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	534373	20.000	ng	0.00
76) Chrysene-d12	21.534	240	591665	20.000	ng	0.00
86) Perylene-d12	24.607	264	674766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	384331	117.421	ng	0.00
7) Phenol-d6	7.086	99	519985	109.969	ng	0.00
23) Nitrobenzene-d5	9.072	82	369885	80.724	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	359635	131.878	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	982032	82.089	ng	0.00
79) Terphenyl-d14	19.906	244	2084532	69.859	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	8128	5.961	ng	# 78
3) Pyridine	3.808	79	13975	3.557	ng	# 92
4) n-Nitrosodimethylamine	3.719	42	7860	4.115	ng	# 89
6) Aniline	7.251	93	19616	4.440	ng	95
8) 2-Chlorophenol	7.486	128	13442	3.825	ng	87
9) Benzaldehyde	7.063	77	13935	5.066	ng	94
10) Phenol	7.110	94	17450	3.645	ng	83
11) bis(2-Chloroethyl)ether	7.345	93	13897	3.792	ng	87
12) 1,3-Dichlorobenzene	7.815	146	15362	3.984	ng	90
13) 1,4-Dichlorobenzene	7.956	146	15514	3.909	ng	94
14) 1,2-Dichlorobenzene	8.273	146	15091	3.869	ng	98
15) Benzyl Alcohol	8.155	79	12323	3.522	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.437	45	25960	3.717	ng	95
17) 2-Methylphenol	8.361	107	10965	3.286	ng	96
18) Hexachloroethane	9.002	117	5407	3.634	ng	90
19) n-Nitroso-di-n-propyla...	8.719	70	11979	3.215	ng	# 95
20) 3+4-Methylphenols	8.678	107	15273	3.103	ng	97
22) Acetophenone	8.737	105	23863	3.584	ng	# 95
24) Nitrobenzene	9.113	77	17837	3.661	ng	99
25) Isophorone	9.636	82	34169	3.397	ng	95
26) 2-Nitrophenol	9.824	139	6458	3.508	ng	# 87
27) 2,4-Dimethylphenol	9.883	122	8851	3.281	ng	85
28) bis(2-Chloroethoxy)met...	10.124	93	19424	3.607	ng	# 97
29) 2,4-Dichlorophenol	10.365	162	13667	3.624	ng	93
30) 1,2,4-Trichlorobenzene	10.576	180	17807	3.983	ng	98
31) Naphthalene	10.764	128	47359	3.872	ng	96
33) 4-Chloroaniline	10.870	127	18785	3.903	ng	96
34) Hexachlorobutadiene	11.052	225	12448	3.987	ng	90
35) Caprolactam	11.598	113	4794	3.297	ng	# 79
36) 4-Chloro-3-methylphenol	11.992	107	14855	3.266	ng	92
37) 2-Methylnaphthalene	12.374	142	34246	3.610	ng	96
38) 1-Methylnaphthalene	12.591	142	31987	3.358	ng	99
40) 1,2,4,5-Tetrachloroben...	12.738	216	24614	4.224	ng	97
41) Hexachlorocyclopentadiene	12.721	237	5372	3.231	ng	86
43) 2,4,6-Trichlorophenol	12.979	196	13514	3.658	ng	98
44) 2,4,5-Trichlorophenol	13.050	196	15567	3.721	ng	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.379	154	52821	4.086	ng	95
47) 2-Chloronaphthalene	13.420	162	39056	3.728	ng	96
48) 2-Nitroaniline	13.620	65	9709	3.523	ng	90
49) Acenaphthylene	14.266	152	64250	4.141	ng	95
50) Dimethylphthalate	13.996	163	56648	3.998	ng	97
51) 2,6-Dinitrotoluene	14.113	165	9120	3.403	ng	95
52) Acenaphthene	14.607	154	37808	3.898	ng	99
53) 3-Nitroaniline	14.442	138	8846	3.411	ng #	96
54) 2,4-Dinitrophenol	14.660	184	2036	1.354	ng #	66
55) Dibenzofuran	14.947	168	68886	4.141	ng	98
56) 4-Nitrophenol	14.759	139	6518	2.966	ng #	85
57) 2,4-Dinitrotoluene	14.900	165	12967	3.546	ng	98
58) Fluorene	15.594	166	52157	3.995	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.171	232	15420	3.891	ng #	97
60) Diethylphthalate	15.365	149	53555	3.813	ng	96
61) 4-Chlorophenyl-phenyle...	15.588	204	29911	3.991	ng	98
62) 4-Nitroaniline	15.606	138	10183	3.561	ng	86
63) Azobenzene	15.882	77	50824	3.854	ng	96
65) 4,6-Dinitro-2-methylph...	15.664	198	6069	2.545	ng	89
66) n-Nitrosodiphenylamine	15.799	169	46972	3.656	ng	96
67) 4-Bromophenyl-phenylether	16.481	248	20647	3.744	ng	96
68) Hexachlorobenzene	16.598	284	24608	3.768	ng	96
69) Atrazine	16.745	200	20439	4.684	ng	95
70) Pentachlorophenol	16.945	266	8457	2.022	ng #	84
71) Phenanthrene	17.327	178	100634	4.035	ng	98
72) Anthracene	17.421	178	98835	4.030	ng	99
73) Carbazole	17.691	167	82308	3.651	ng	99
74) Di-n-butylphthalate	18.255	149	88192	3.469	ng	98
75) Fluoranthene	19.342	202	122951	3.898	ng	99
77) Benzidine	19.524	184	47577	4.461	ng	96
78) Pyrene	19.707	202	133445	3.548	ng	99
80) Butylbenzylphthalate	20.600	149	34234	3.099	ng	96
81) Benzo(a)anthracene	21.516	228	142348	3.815	ng	98
82) 3,3'-Dichlorobenzidine	21.434	252	45817	3.769	ng	99
83) Chrysene	21.581	228	139616	3.906	ng	98
84) Bis(2-ethylhexyl)phtha...	21.434	149	52493	3.128	ng #	99
85) Di-n-octyl phthalate	22.597	149	89246	3.037	ng	99
87) Indeno(1,2,3-cd)pyrene	28.056	276	160623	3.712	ng #	90
88) Benzo(b)fluoranthene	23.631	252	133191	3.574	ng	100
89) Benzo(k)fluoranthene	23.631	252	133191	3.653	ng	100
90) Benzo(a)pyrene	24.460	252	122027	3.706	ng	96
91) Dibenzo(a,h)anthracene	28.120	278	132377	3.714	ng	98
92) Benzo(g,h,i)perylene	29.143	276	125632	3.496	ng	98

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

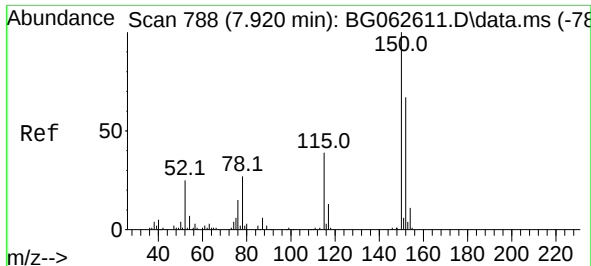
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

TIC: BG062663.D\data.ms

Abundance

Time-->

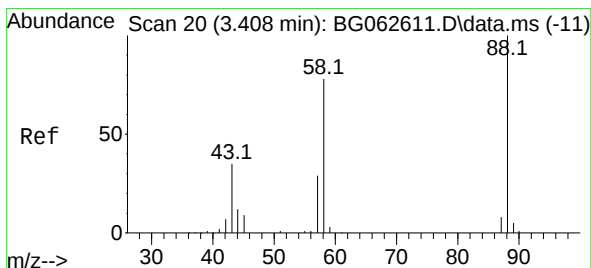
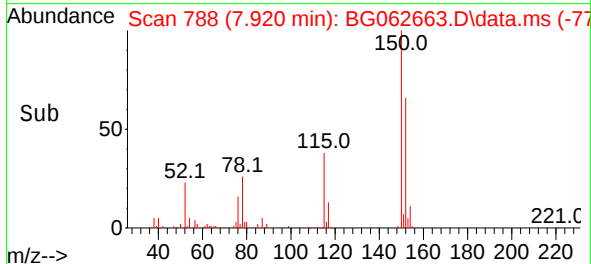
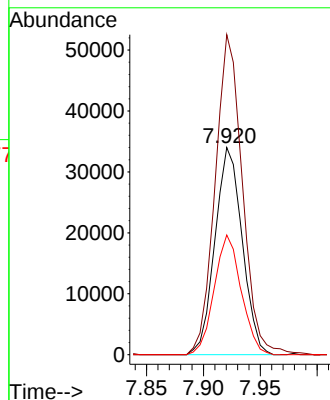
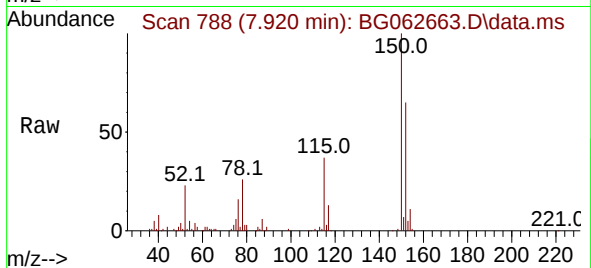
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N,N-dimethylamine,
Hydroquinone
2-Fluorophenol, S
Phenol-d6, S
Phenol
2,4-Dichlorophenol
1,3-Dichlorobenzene-d4, I
1,3-Dichlorobenzene
2,4-Dichlorophenol
3,4-Dichlorophenol
N,N-Dimethylamine, P
Nitrobenzene
Nitrobenzene-d5, S
Isobutylene
2-Nitrophenol
2,4-Dichlorophenol, C
2,4,6-Trichlorophenol
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
Hexachlorocyclopentadiene, C
2,4,6-Trichlorophenol, C
2-Chloronaphthalene
2-Nitroaniline
2-Ethylphthalate
2-Ethyl-1-methyl-2-propenylbenzene
3-Methyl-2-naphthol, C
Acenaphthene-d10, I
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4,6-Dichlorophenyl ether
4-Bromophenyl ether
Phenanthrene-d10, I
Phenanthrene
Carbazole
Di-n-butylphthalate
Ellipanthene, C
Benzofuran
Pyrene
Butylbenzylphthalate
Chrysene-d12, I
Chrysene
Dibenz(a,h)anthracene
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Perylene
Dibenz(a,h)anthracene
Dibenz(a,h)anthracene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

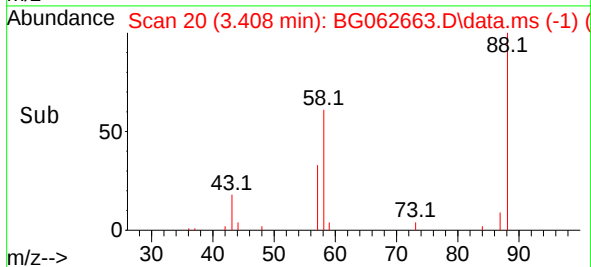
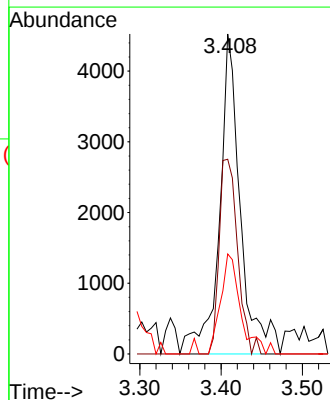
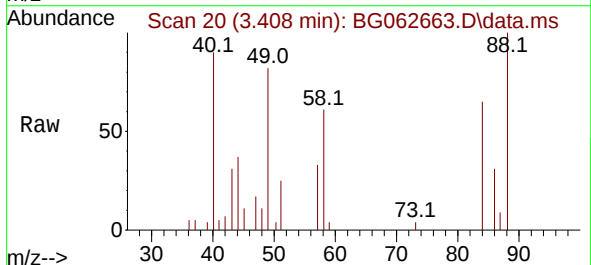
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

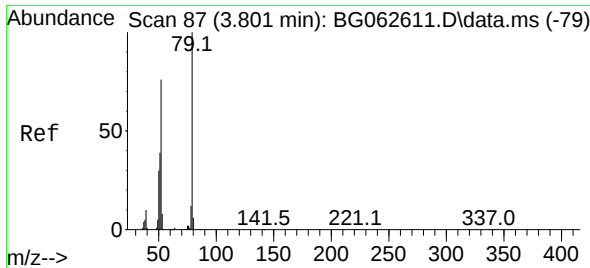
Tgt Ion:152 Resp: 56577
Ion Ratio Lower Upper
152 100
150 154.4 119.9 179.9
115 57.7 46.6 69.8



#2
1,4-Dioxane
Concen: 5.961 ng
RT: 3.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion: 88 Resp: 8128
Ion Ratio Lower Upper
88 100
58 53.6 62.3 93.5#
43 30.0 27.5 41.3





#3

Pyridine

Concen: 3.557 ng

RT: 3.808 min Scan# 81

Delta R.T. 0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

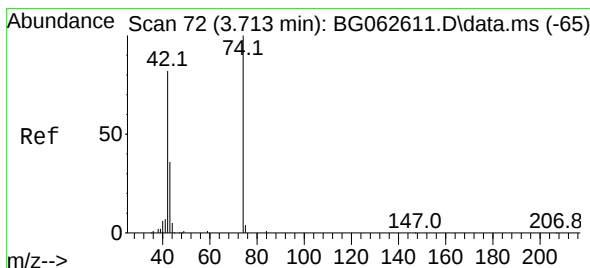
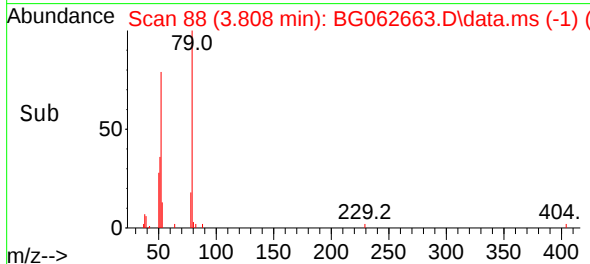
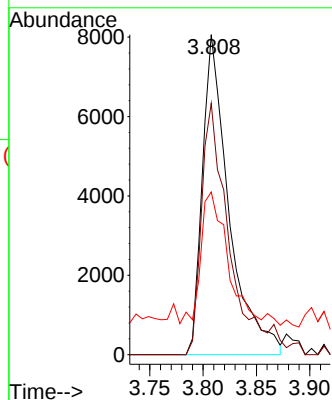
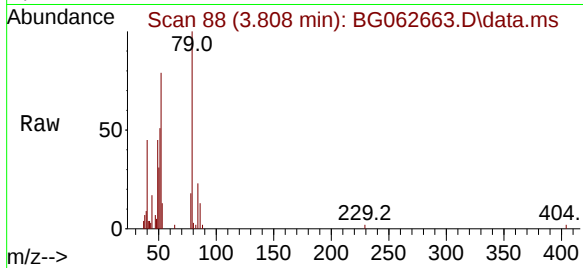
Tgt Ion: 79 Resp: 13975

Ion Ratio Lower Upper

79 100

52 78.6 60.9 91.3

51 50.9 31.5 47.3#



#4

n-Nitrosodimethylamine

Concen: 4.115 ng

RT: 3.719 min Scan# 73

Delta R.T. 0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

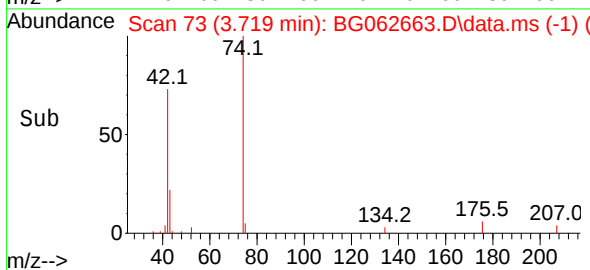
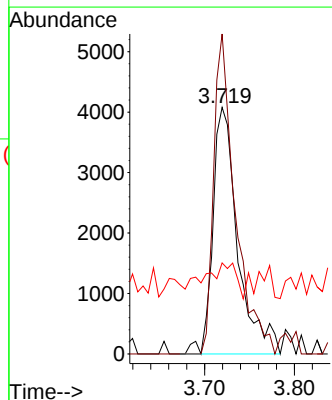
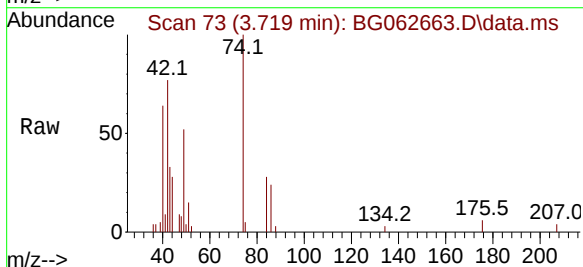
Tgt Ion: 42 Resp: 7860

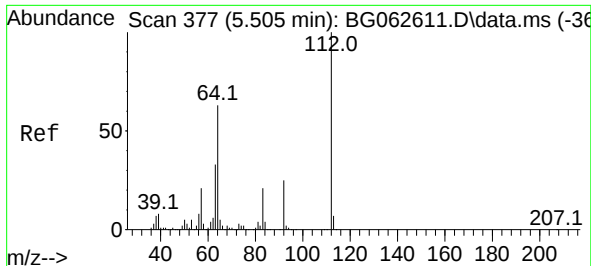
Ion Ratio Lower Upper

42 100

74 129.8 98.0 147.0

44 36.9 7.4 11.2#

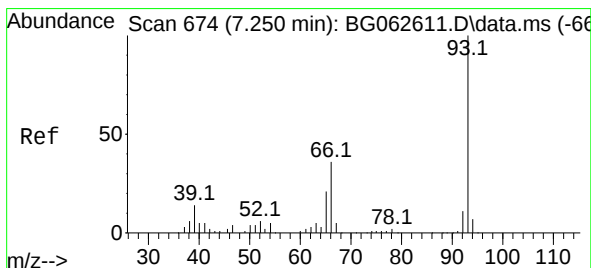
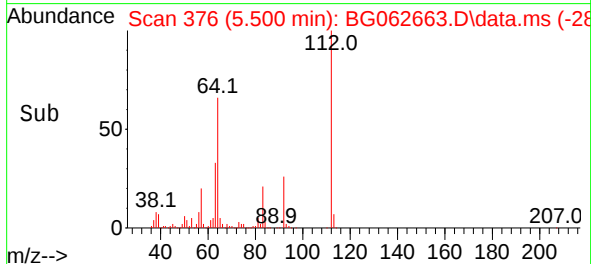
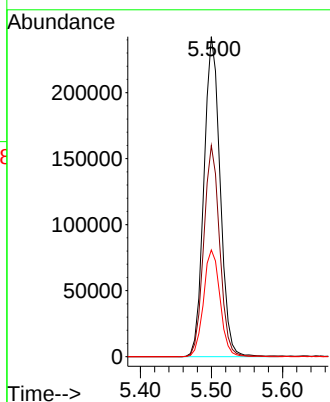
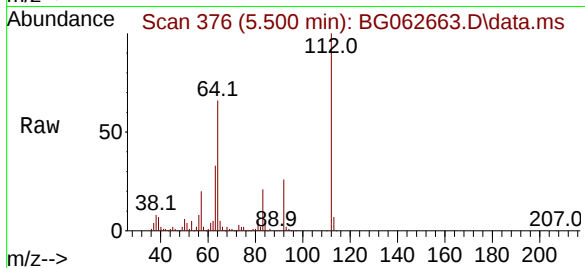




#5
2-Fluorophenol
Concen: 117.421 ng
RT: 5.500 min Scan# 377
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

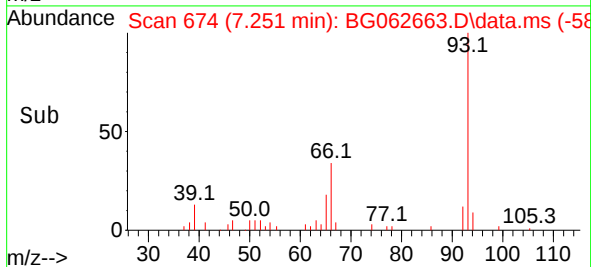
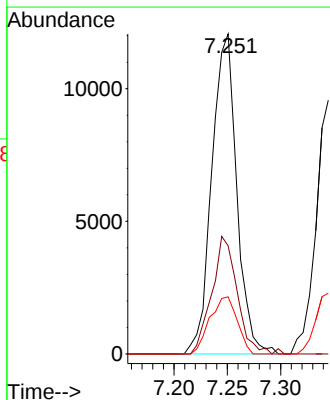
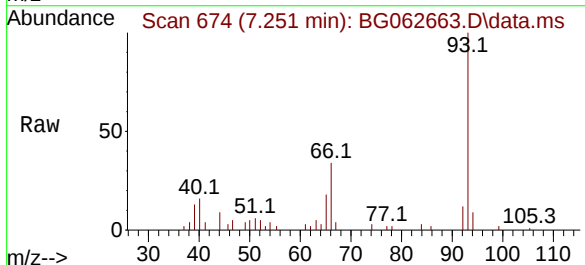
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

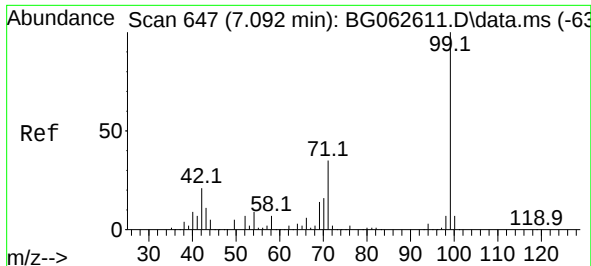
Tgt Ion:112 Resp: 384331
Ion Ratio Lower Upper
112 100
64 66.0 50.2 75.2
63 33.4 26.6 39.8



#6
Aniline
Concen: 4.440 ng
RT: 7.251 min Scan# 674
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion: 93 Resp: 19616
Ion Ratio Lower Upper
93 100
66 33.8 29.1 43.7
65 17.9 16.6 25.0





#7

Phenol-d6

Concen: 109.969 ng

RT: 7.086 min Scan# 64

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

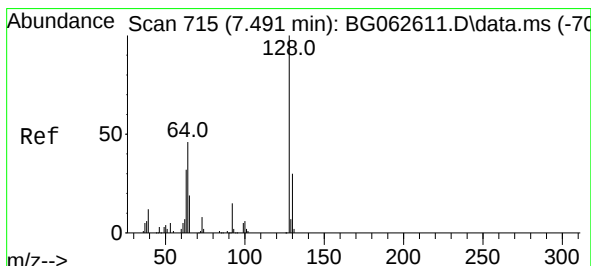
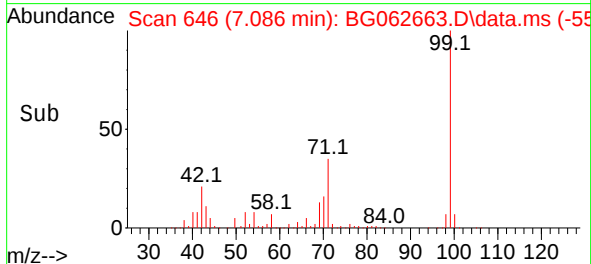
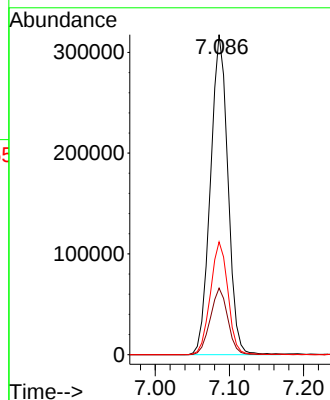
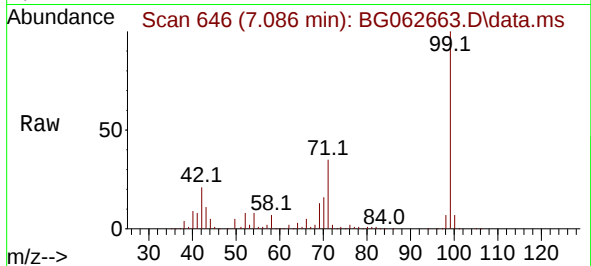
Tgt Ion: 99 Resp: 519985

Ion Ratio Lower Upper

99 100

42 20.8 16.9 25.3

71 35.2 27.9 41.9



#8

2-Chlorophenol

Concen: 3.825 ng

RT: 7.486 min Scan# 714

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

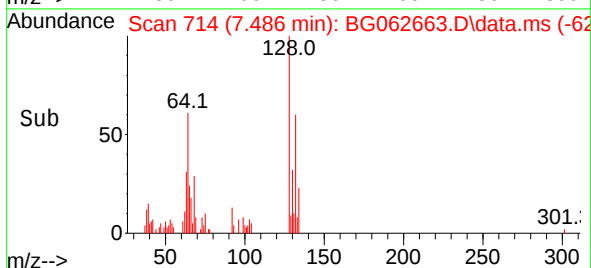
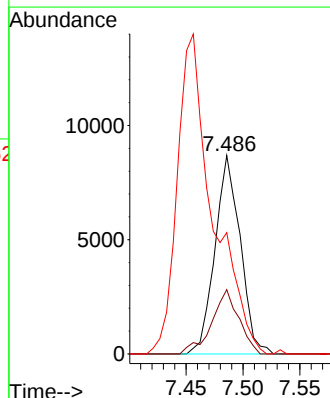
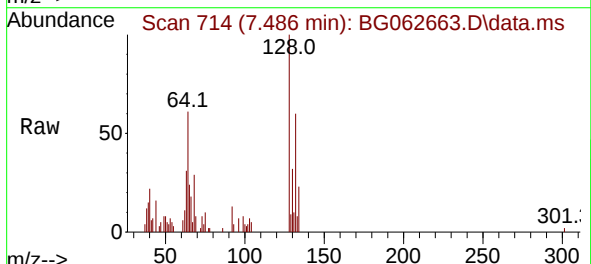
Tgt Ion:128 Resp: 13442

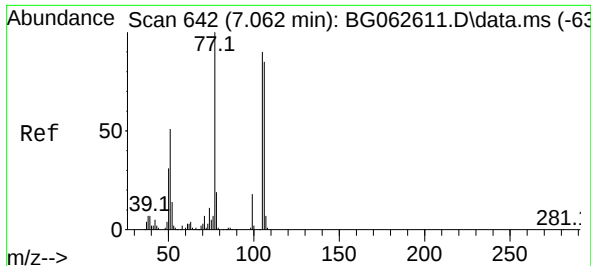
Ion Ratio Lower Upper

128 100

130 32.4 10.0 50.0

64 61.1 28.8 68.8

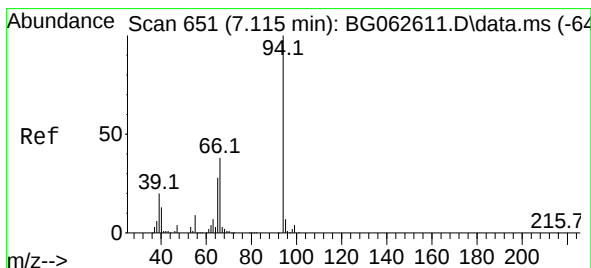
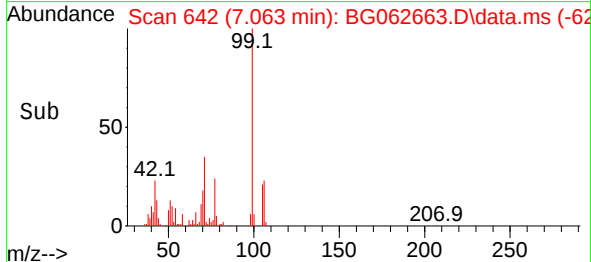
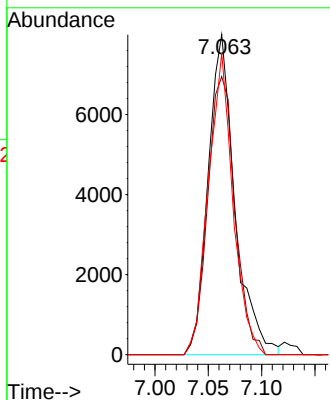
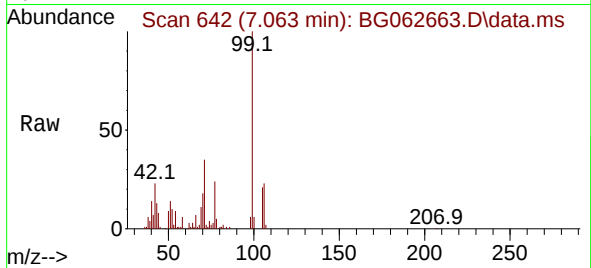




#9
Benzaldehyde
Concen: 5.066 ng
RT: 7.063 min Scan# 642
Delta R.T. 0.001 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

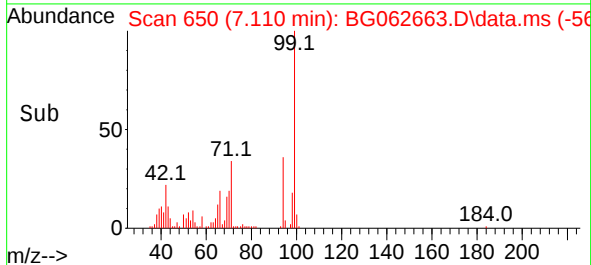
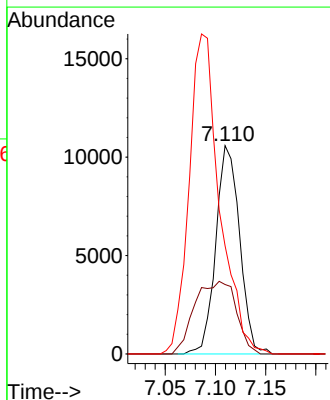
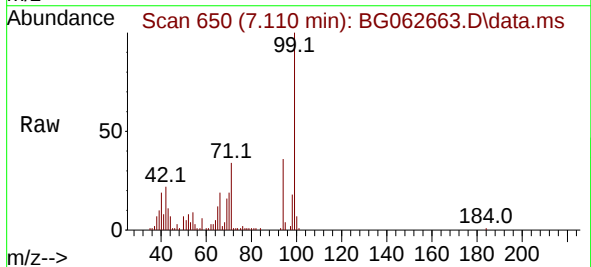
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

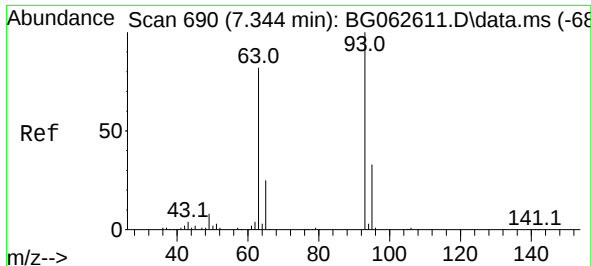
Tgt Ion: 77 Resp: 13935
Ion Ratio Lower Upper
77 100
105 86.9 70.2 110.2
106 94.2 65.4 105.4



#10
Phenol
Concen: 3.645 ng
RT: 7.110 min Scan# 650
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion: 94 Resp: 17450
Ion Ratio Lower Upper
94 100
65 33.3 8.6 48.6
66 52.0 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 3.792 ng

RT: 7.345 min Scan# 690

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

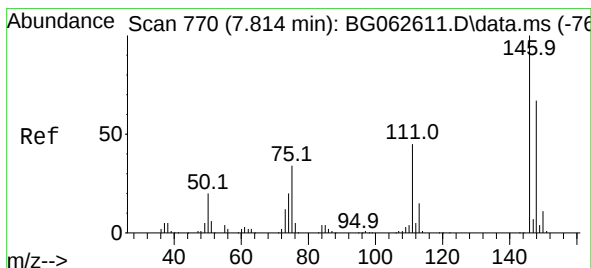
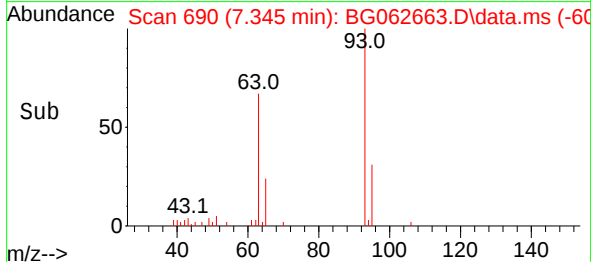
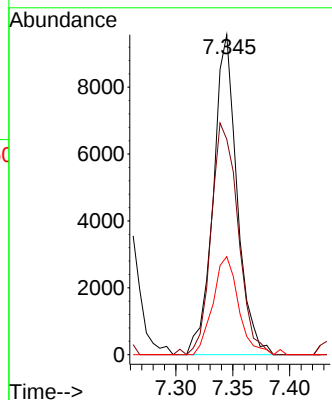
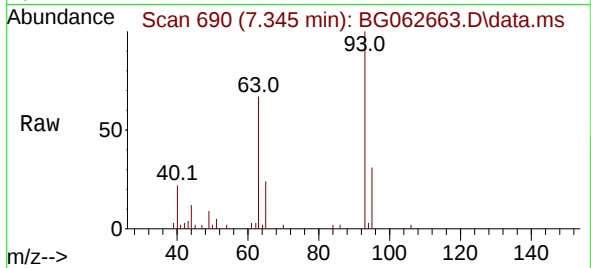
Tgt Ion: 93 Resp: 13897

Ion Ratio Lower Upper

93 100

63 67.3 61.9 101.9

95 30.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 3.984 ng

RT: 7.815 min Scan# 770

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

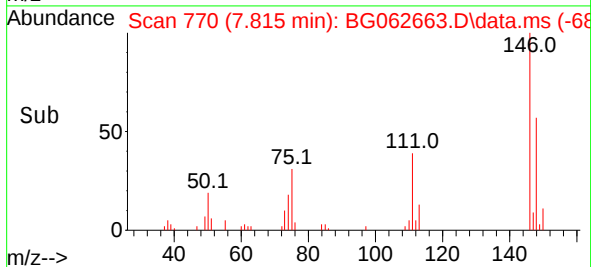
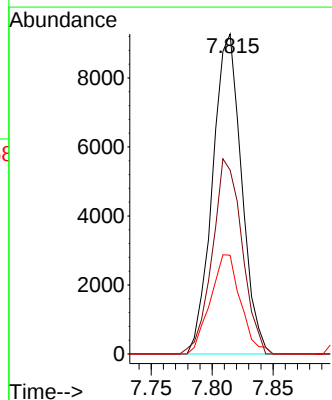
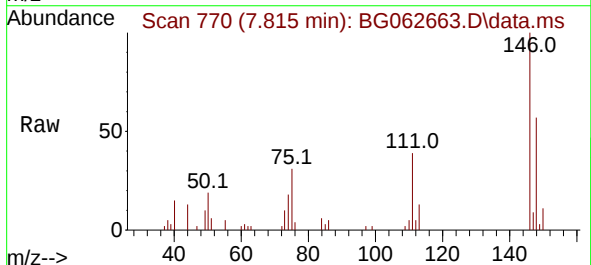
Tgt Ion:146 Resp: 15362

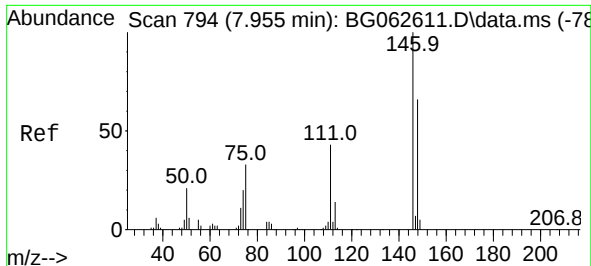
Ion Ratio Lower Upper

146 100

148 57.5 53.9 80.9

75 30.9 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 3.909 ng

RT: 7.956 min Scan# 794

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

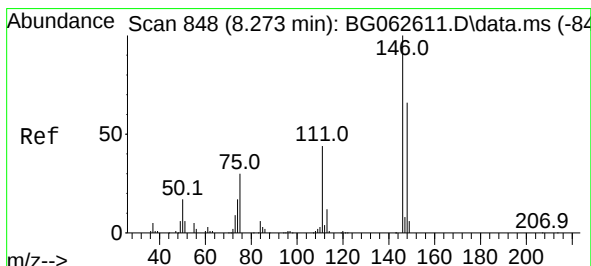
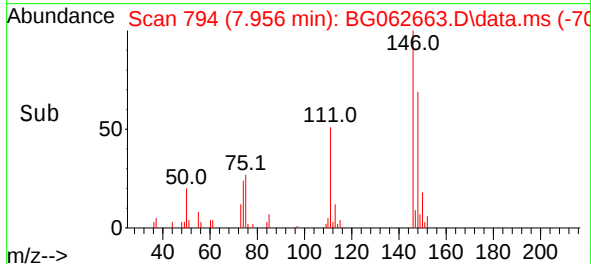
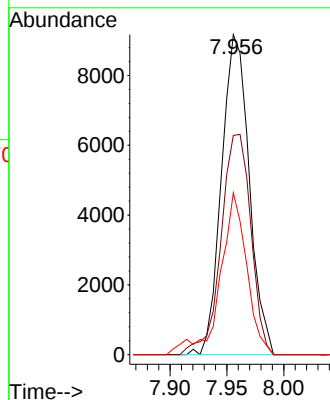
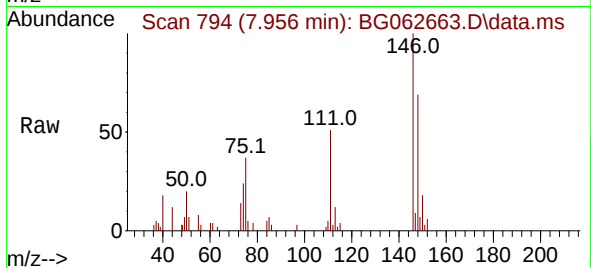
Tgt Ion:146 Resp: 15514

Ion Ratio Lower Upper

146 100

148 68.5 53.0 79.6

111 50.6 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 3.869 ng

RT: 8.273 min Scan# 848

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

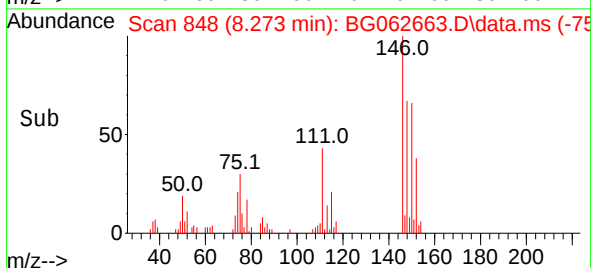
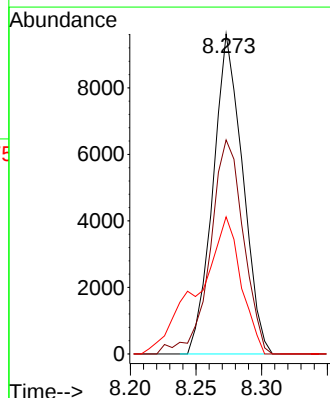
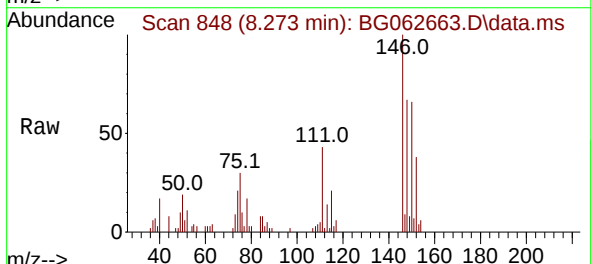
Tgt Ion:146 Resp: 15091

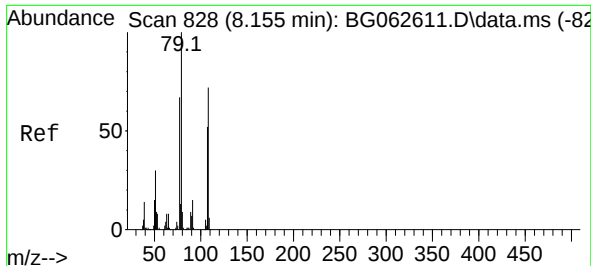
Ion Ratio Lower Upper

146 100

148 66.9 52.5 78.7

111 42.9 35.5 53.3





#15

Benzyl Alcohol

Concen: 3.522 ng

RT: 8.155 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

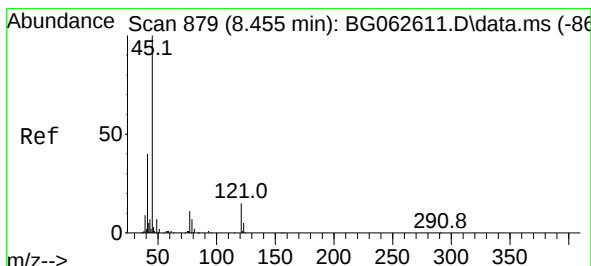
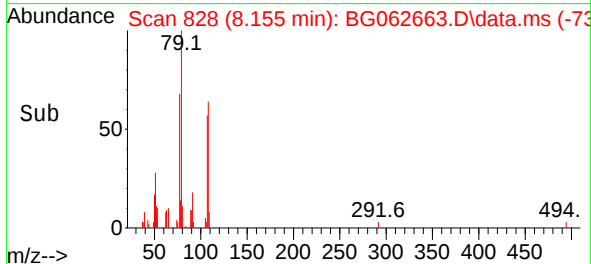
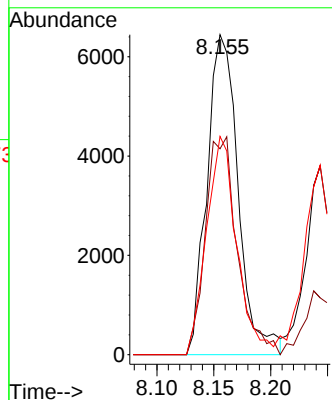
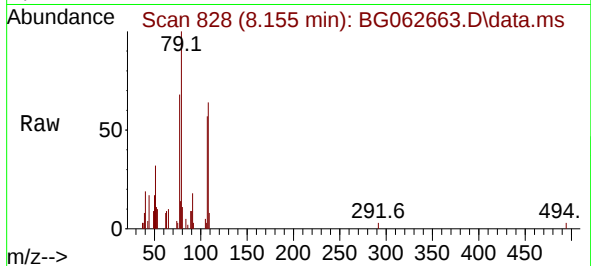
Tgt Ion: 79 Resp: 12323

Ion Ratio Lower Upper

79 100

108 64.4 57.9 86.9

77 68.2 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.717 ng

RT: 8.437 min Scan# 876

Delta R.T. -0.017 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

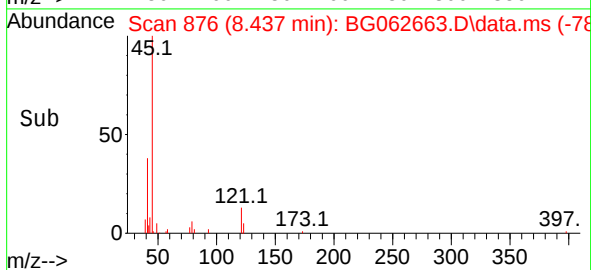
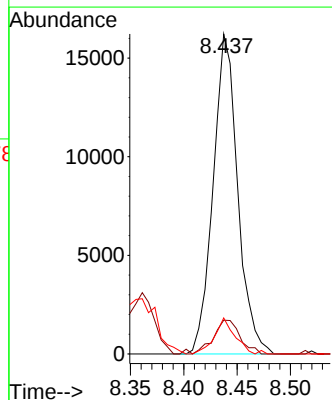
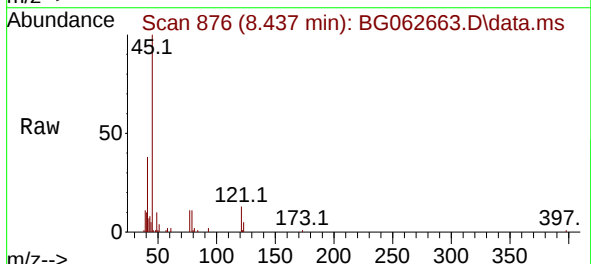
Tgt Ion: 45 Resp: 25960

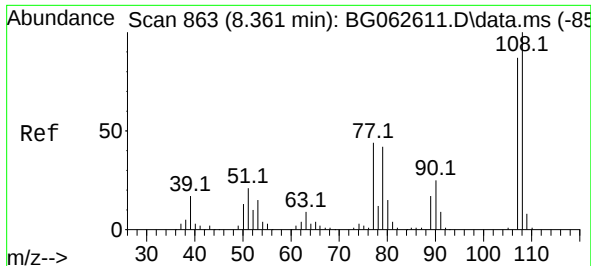
Ion Ratio Lower Upper

45 100

77 10.6 0.0 31.7

79 11.3 0.0 28.3

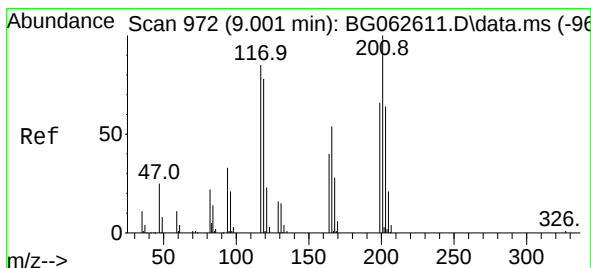
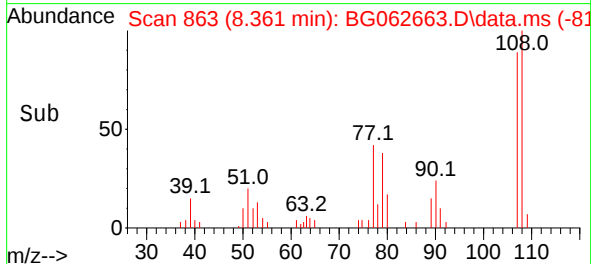
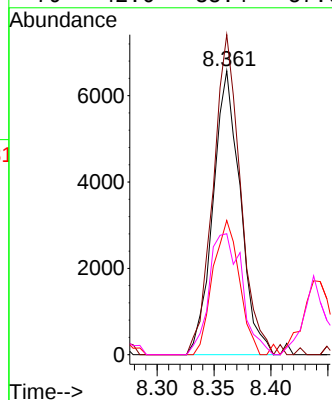
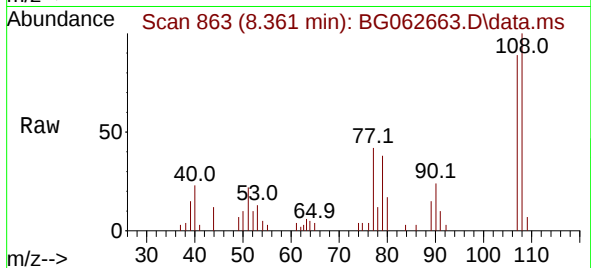




#17
2-Methylphenol
Concen: 3.286 ng
RT: 8.361 min Scan# 863
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

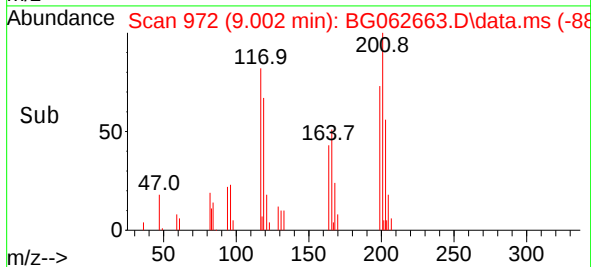
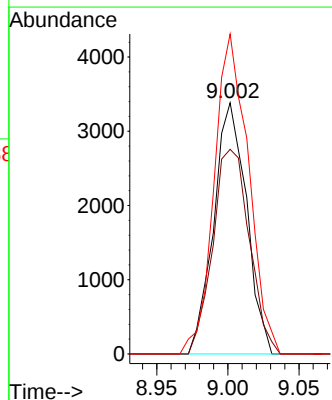
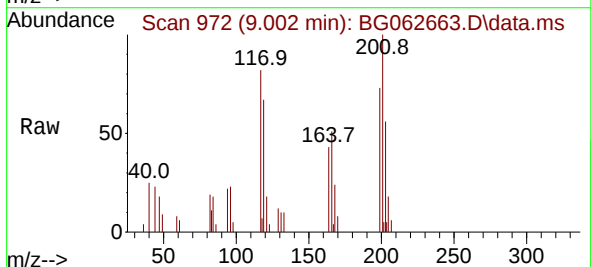
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

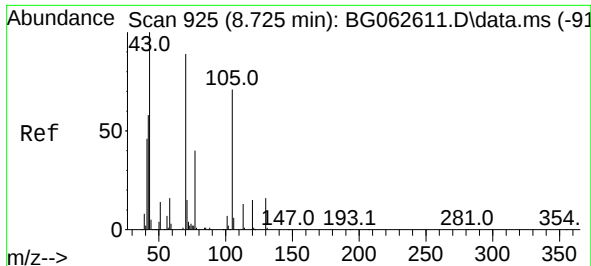
Tgt Ion:	107	Resp:	10965
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.5	137.3
77	47.3	40.0	60.0
79	42.6	38.4	57.6



#18
Hexachloroethane
Concen: 3.634 ng
RT: 9.002 min Scan# 972
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:	117	Resp:	5407
Ion	Ratio	Lower	Upper
117	100		
119	81.4	73.4	110.0
201	127.4	93.9	140.9

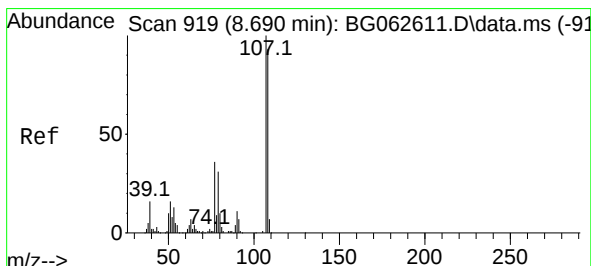
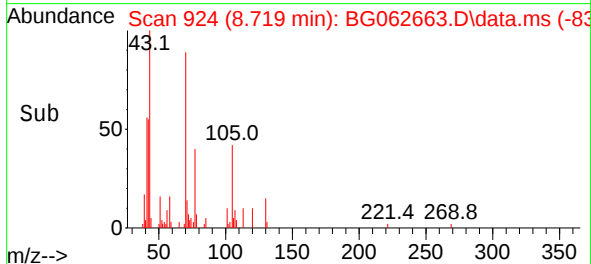
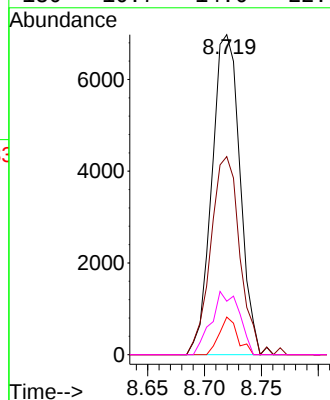
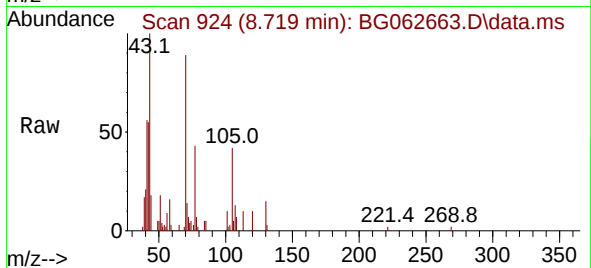




#19
n-Nitroso-di-n-propylamine
Concen: 3.215 ng
RT: 8.719 min Scan# 917
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

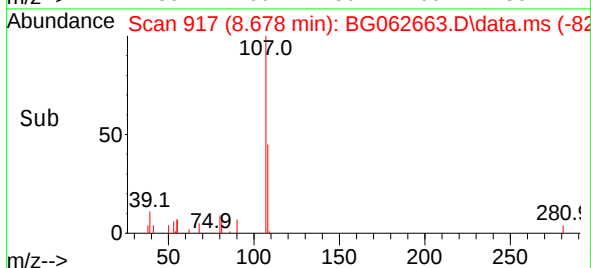
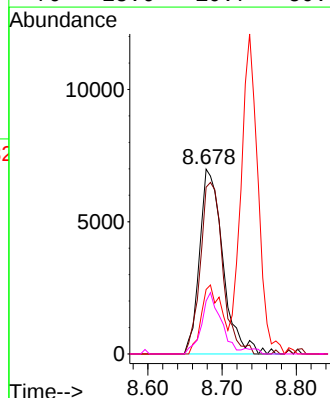
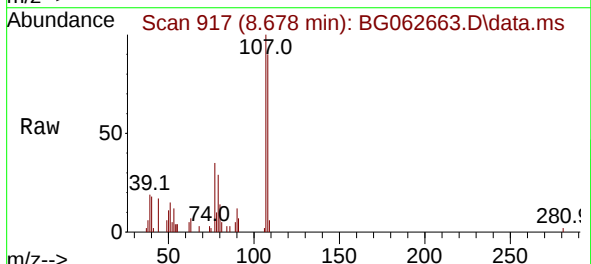
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

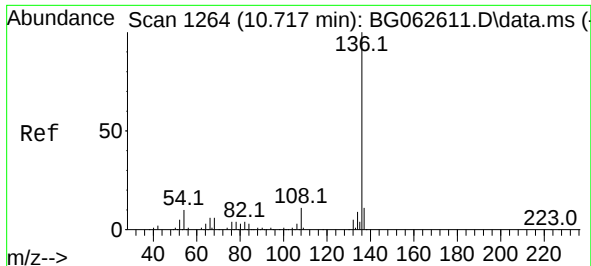
Tgt Ion: 70 Resp: 11979
Ion Ratio Lower Upper
70 100
42 61.9 52.3 78.5
101 11.8 6.6 9.8#
130 16.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 3.103 ng
RT: 8.678 min Scan# 917
Delta R.T. -0.011 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:107 Resp: 15273
Ion Ratio Lower Upper
107 100
108 90.2 72.7 112.7
77 34.9 16.5 56.5
79 28.6 10.7 50.7

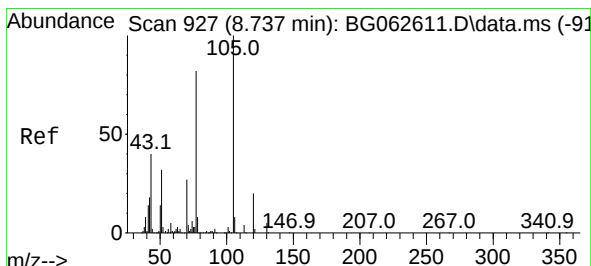
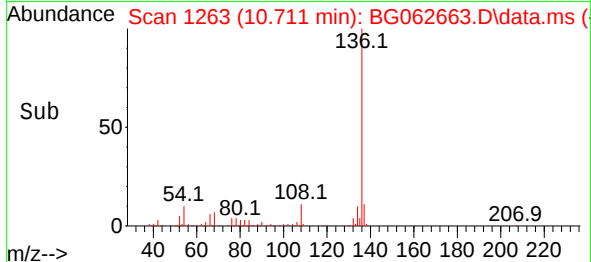
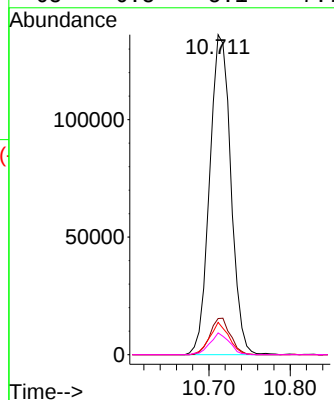
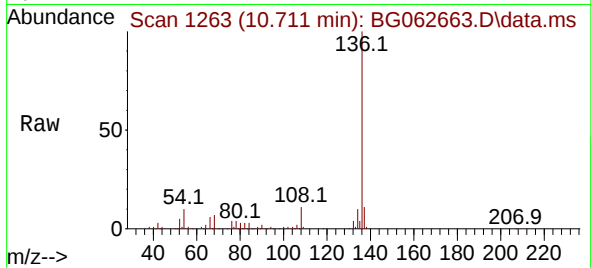




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.711 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

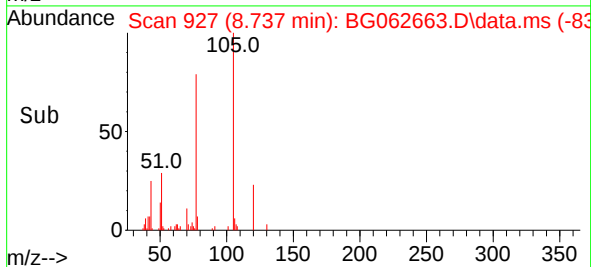
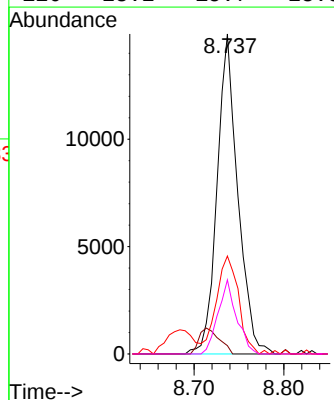
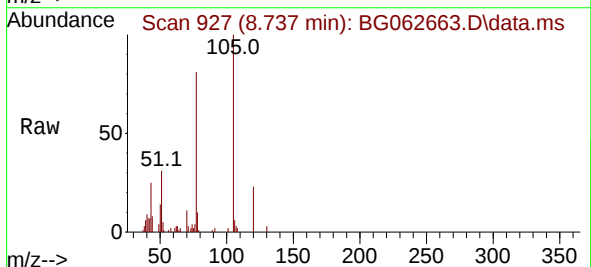
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

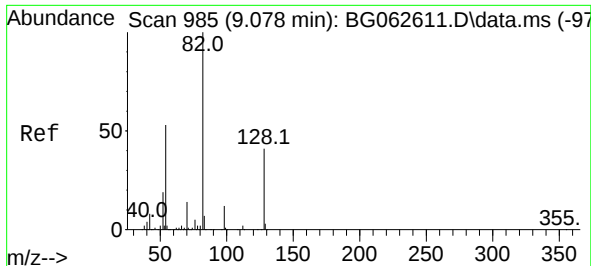
Tgt Ion:	136	Resp:	246775
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.1	7.8	11.6
68	6.8	5.1	7.7



#22
Acetophenone
Concen: 3.584 ng
RT: 8.737 min Scan# 927
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:	105	Resp:	23863
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.5	5.3#
51	30.6	25.7	38.5
120	23.2	15.7	23.5





#23

Nitrobenzene-d5

Concen: 80.724 ng

RT: 9.072 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

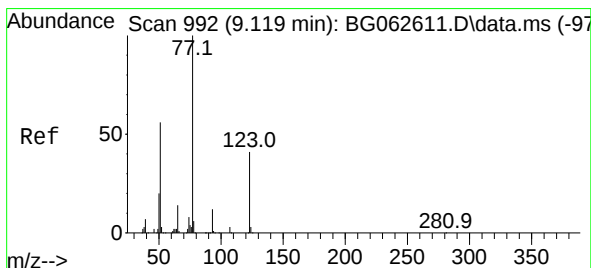
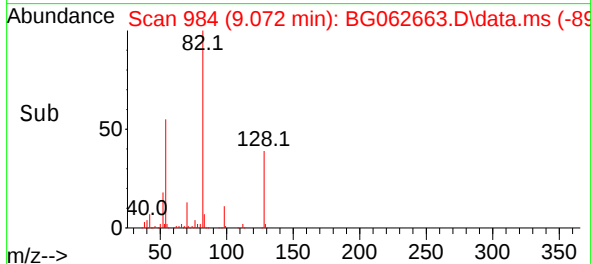
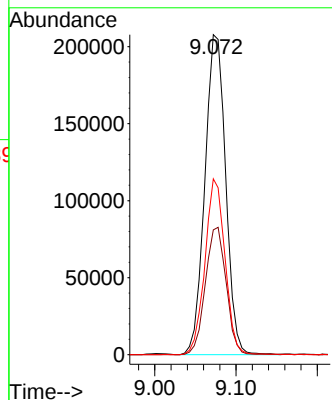
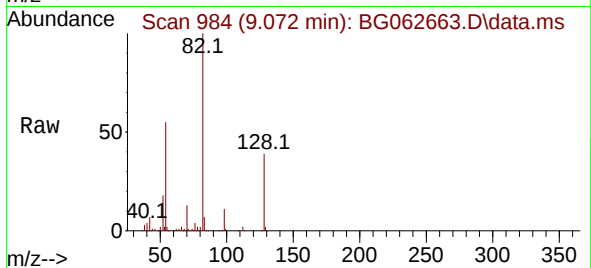
Tgt Ion: 82 Resp: 369885

Ion Ratio Lower Upper

82 100

128 39.0 32.5 48.7

54 54.9 42.5 63.7



#24

Nitrobenzene

Concen: 3.661 ng

RT: 9.113 min Scan# 991

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

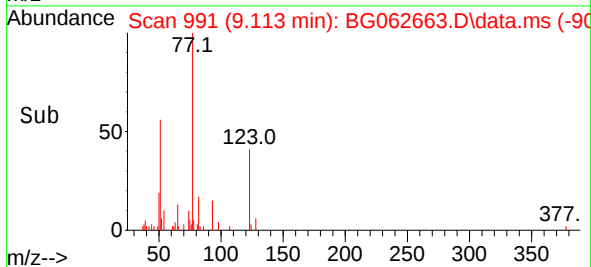
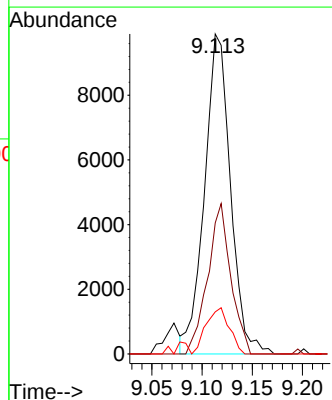
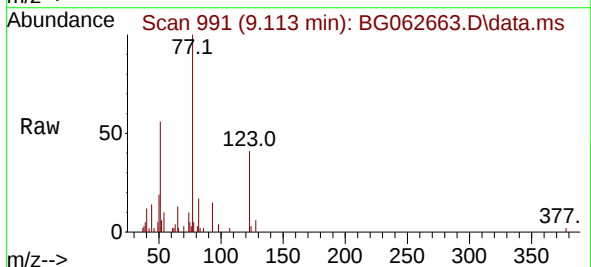
Tgt Ion: 77 Resp: 17837

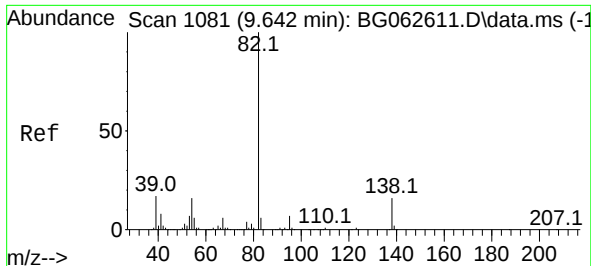
Ion Ratio Lower Upper

77 100

123 40.9 33.1 49.7

65 15.0 11.0 16.4





#25

Isophorone

Concen: 3.397 ng

RT: 9.636 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

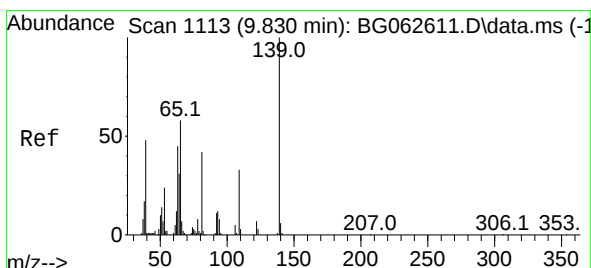
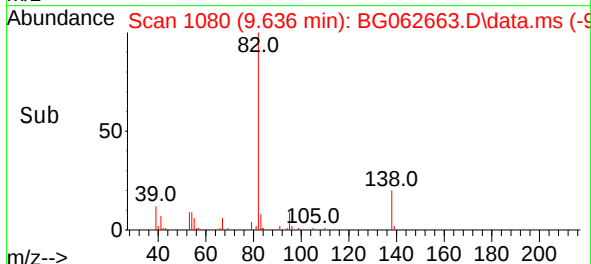
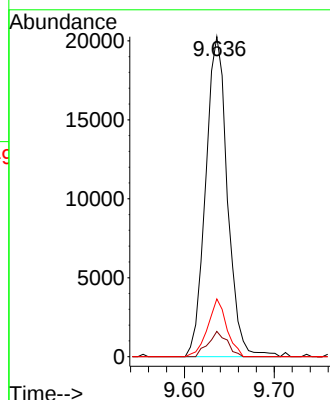
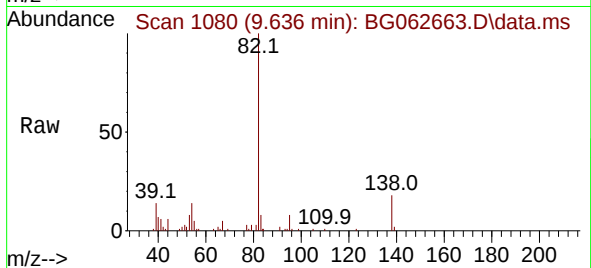
Tgt Ion: 82 Resp: 34169

Ion Ratio Lower Upper

82 100

95 7.9 5.4 8.0

138 18.1 12.6 18.8



#26

2-Nitrophenol

Concen: 3.508 ng

RT: 9.824 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

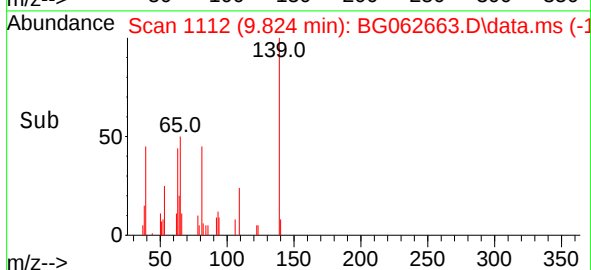
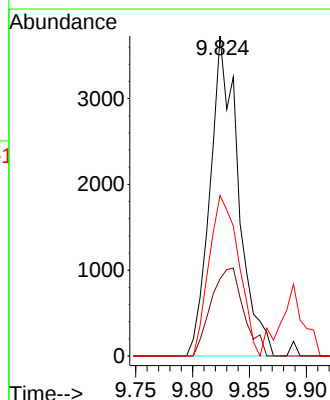
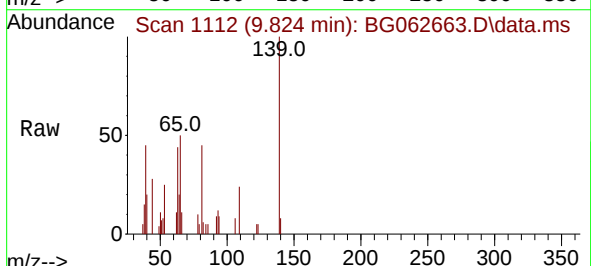
Tgt Ion:139 Resp: 6458

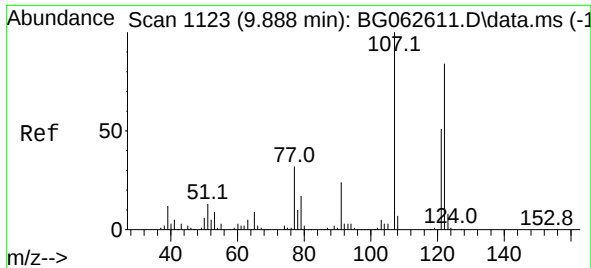
Ion Ratio Lower Upper

139 100

109 24.1 26.6 39.8#

65 50.1 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 3.281 ng

RT: 9.883 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

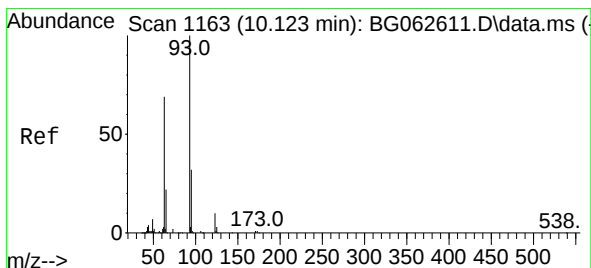
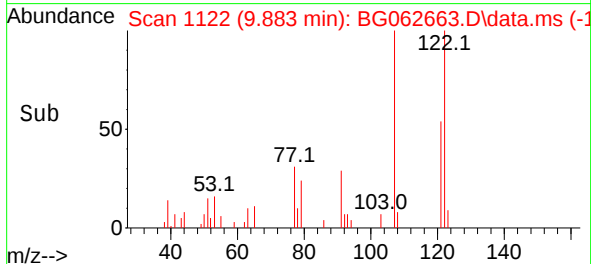
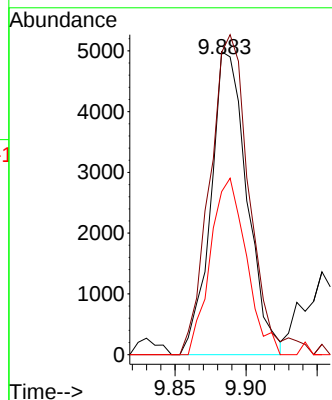
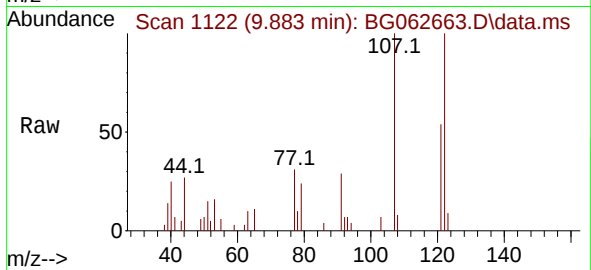
Tgt Ion:122 Resp: 8851

Ion Ratio Lower Upper

122 100

107 99.7 95.8 143.6

121 53.8 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 3.607 ng

RT: 10.124 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

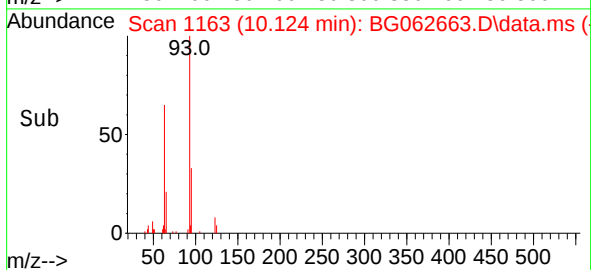
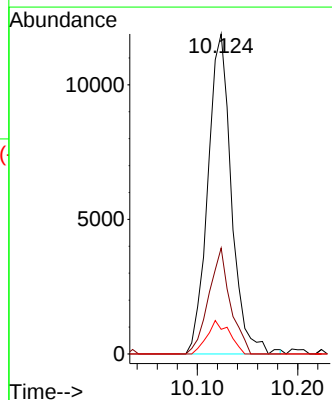
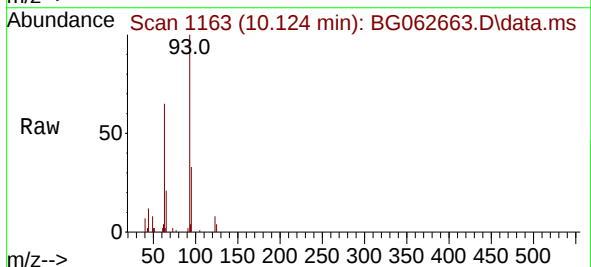
Tgt Ion: 93 Resp: 19424

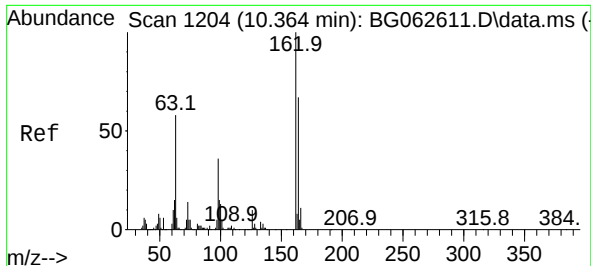
Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.0

123 7.7 7.9 11.9#





#29

2,4-Dichlorophenol

Concen: 3.624 ng

RT: 10.365 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

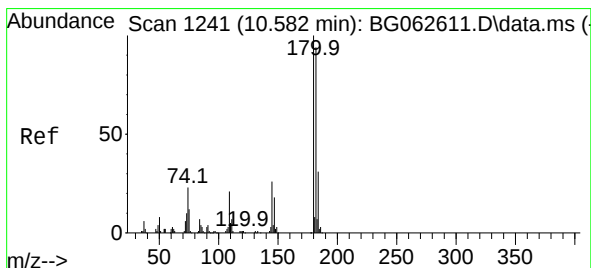
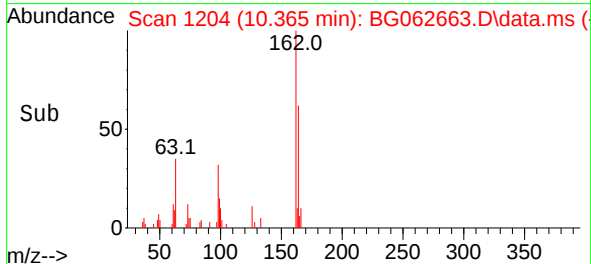
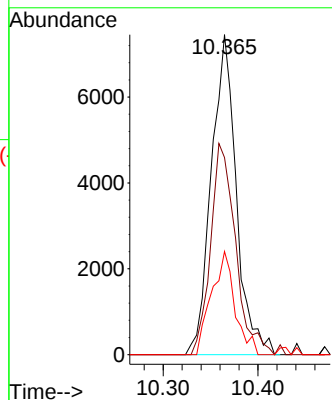
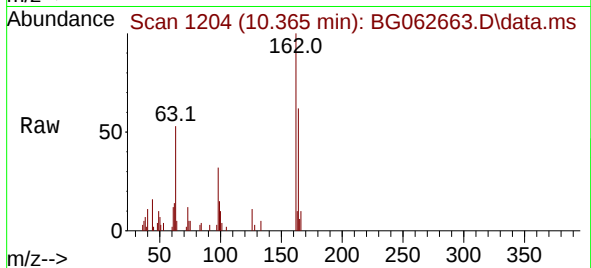
Tgt Ion:162 Resp: 13667

Ion Ratio Lower Upper

162 100

164 61.6 46.8 86.8

98 32.3 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 3.983 ng

RT: 10.576 min Scan# 1240

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

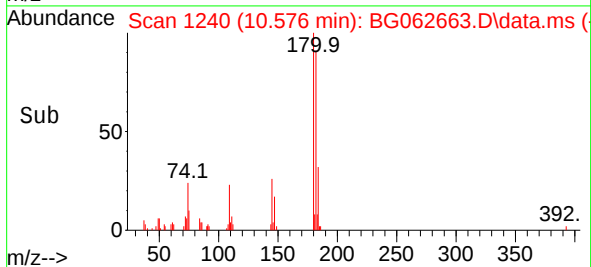
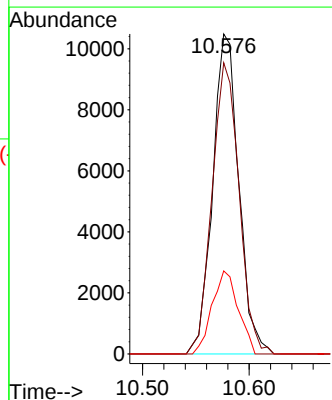
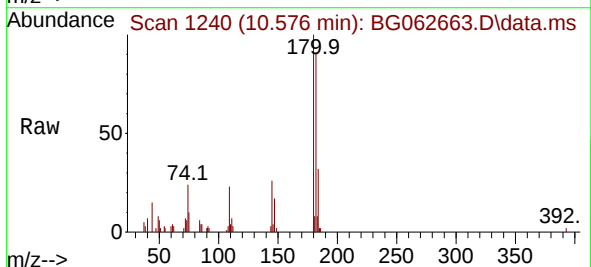
Tgt Ion:180 Resp: 17807

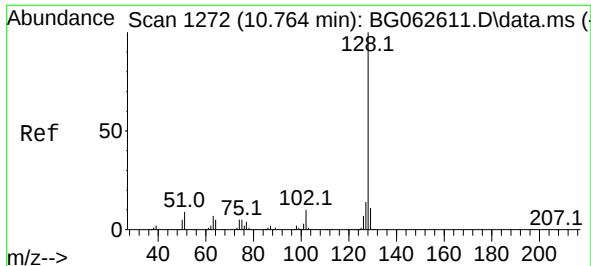
Ion Ratio Lower Upper

180 100

182 91.0 75.1 112.7

145 26.0 20.8 31.2

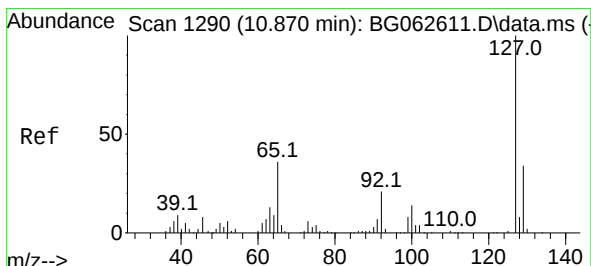
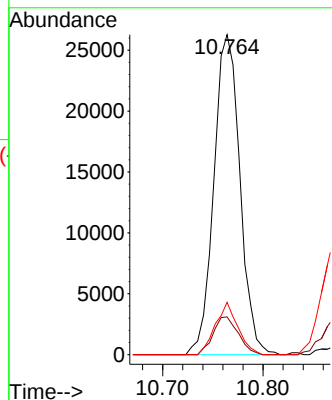
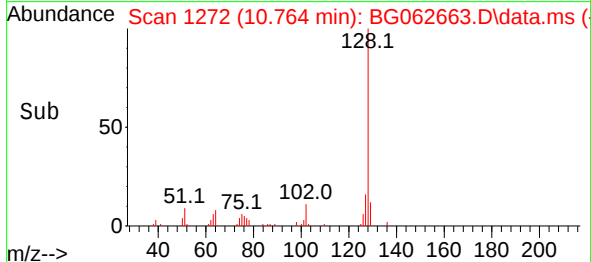
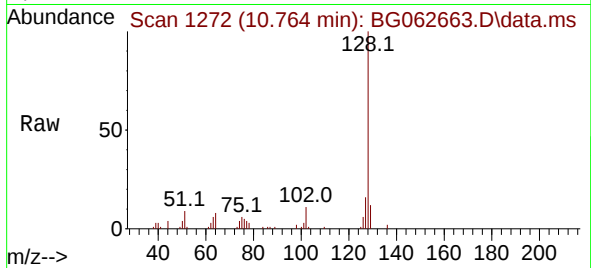




#31
Naphthalene
Concen: 3.872 ng
RT: 10.764 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

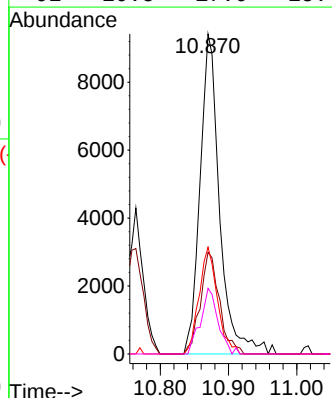
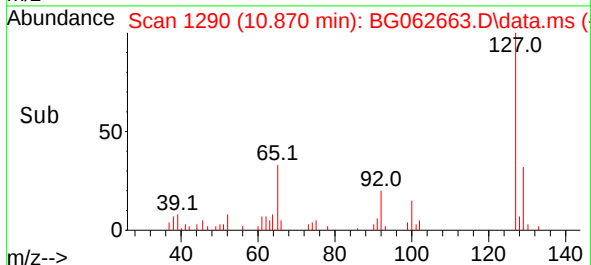
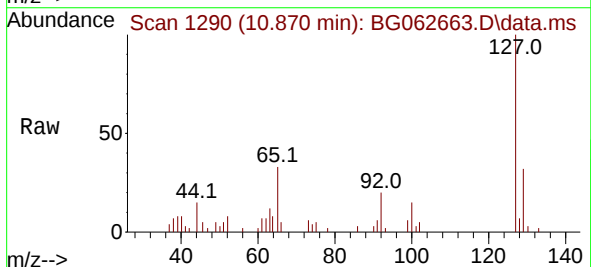
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

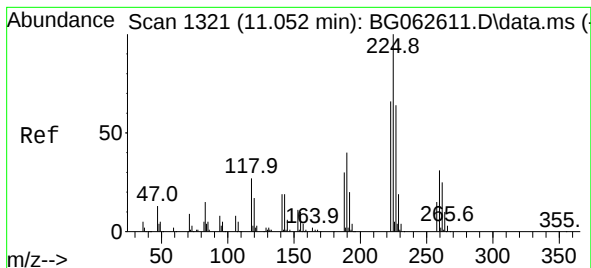
Tgt Ion:	128	Resp:	47359
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.8	13.2
127	16.4	11.3	16.9



#33
4-Chloroaniline
Concen: 3.903 ng
RT: 10.870 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:	127	Resp:	18785
Ion Ratio	Lower	Upper	
127	100		
129	31.7	27.3	40.9
65	33.4	29.0	43.4
92	20.5	17.0	25.4





#34

Hexachlorobutadiene

Concen: 3.987 ng

RT: 11.052 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

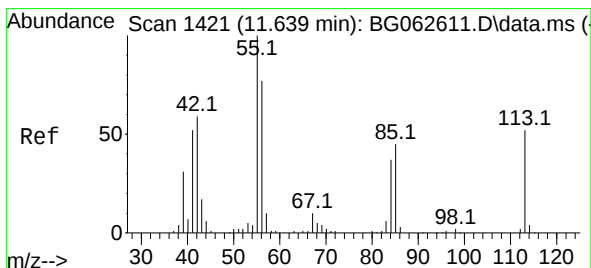
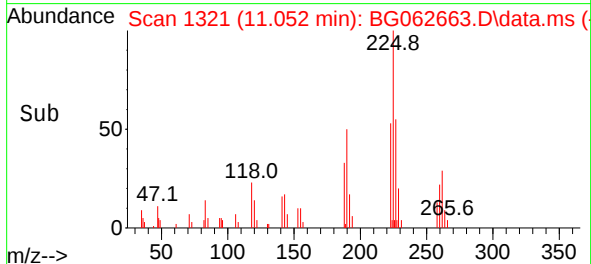
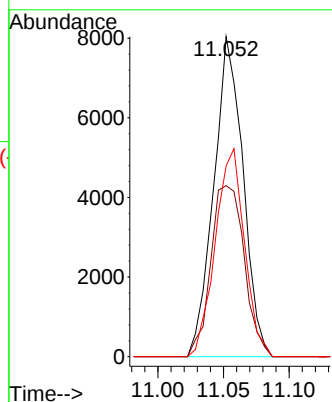
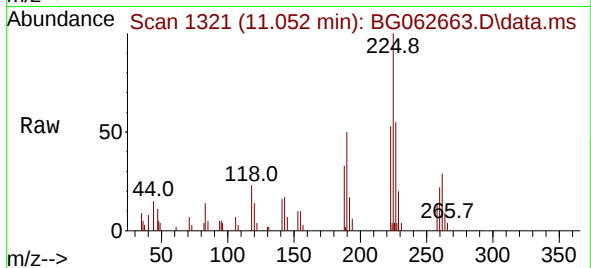
Tgt Ion:225 Resp: 12448

Ion Ratio Lower Upper

225 100

223 51.4 50.1 75.1

227 57.3 48.9 73.3



#35

Caprolactam

Concen: 3.297 ng

RT: 11.598 min Scan# 1414

Delta R.T. -0.041 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

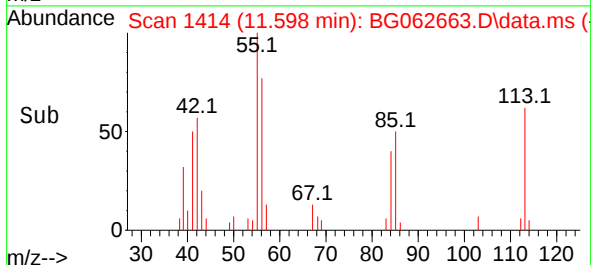
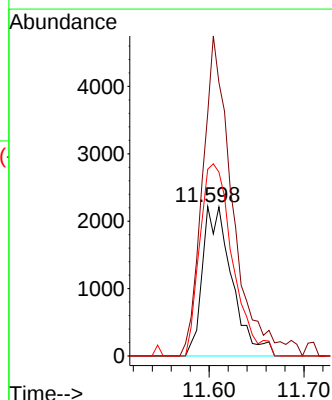
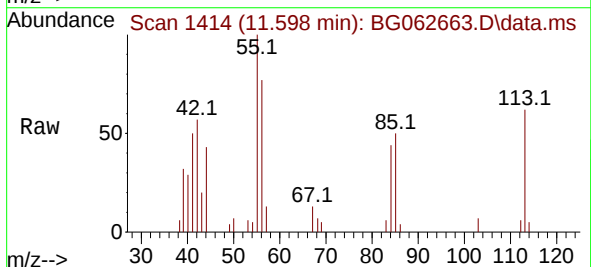
Tgt Ion:113 Resp: 4794

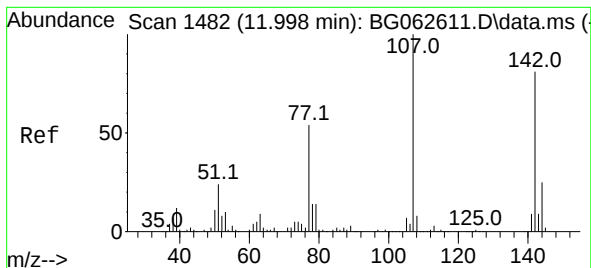
Ion Ratio Lower Upper

113 100

55 162.2 174.1 214.1#

56 125.0 129.8 169.8#





#36

4-Chloro-3-methylphenol

Concen: 3.266 ng

RT: 11.992 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BG062663.D

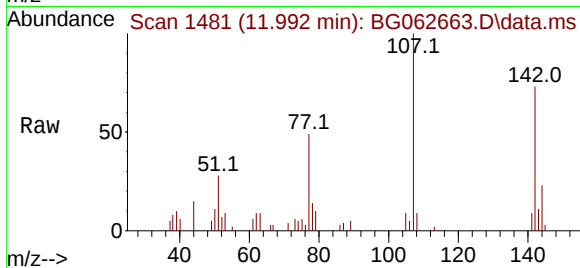
Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



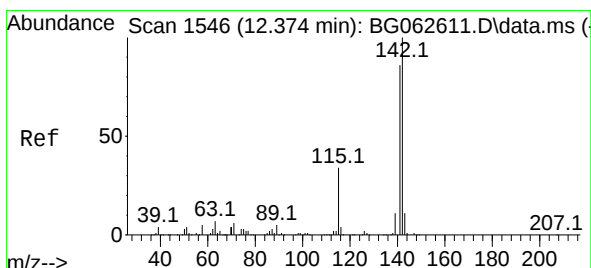
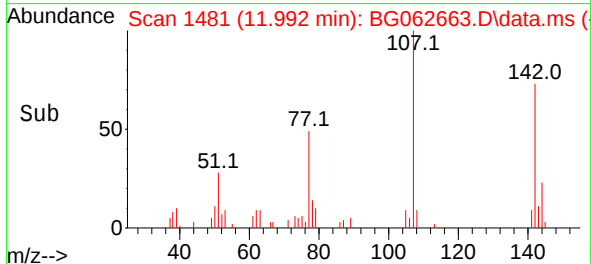
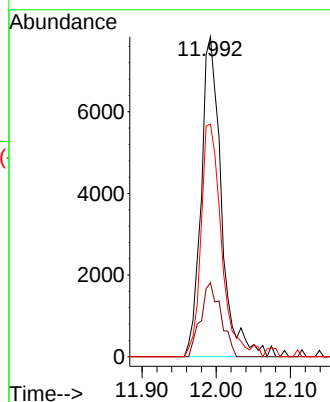
Tgt Ion:107 Resp: 14855

Ion Ratio Lower Upper

107 100

144 23.1 19.8 29.8

142 72.7 64.7 97.1



#37

2-Methylnaphthalene

Concen: 3.610 ng

RT: 12.374 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

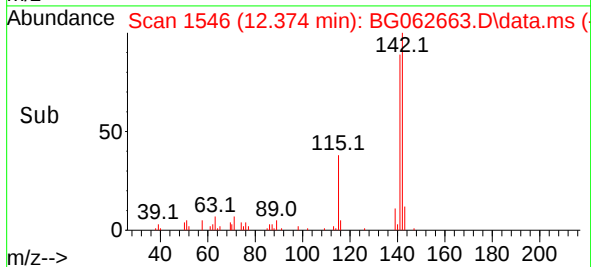
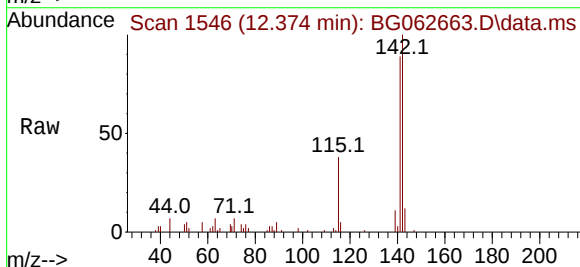
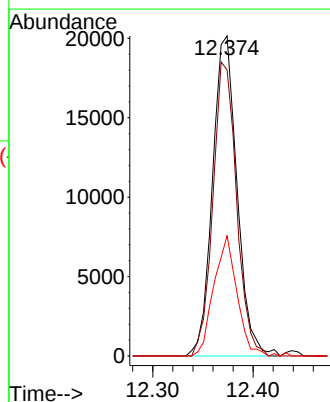
Tgt Ion:142 Resp: 34246

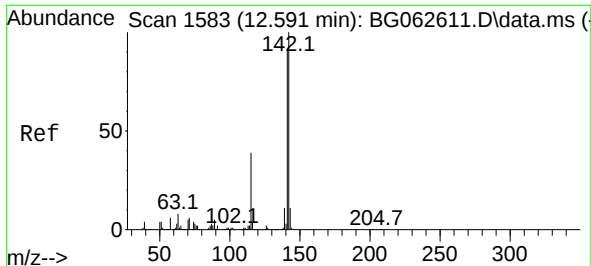
Ion Ratio Lower Upper

142 100

141 89.4 68.9 103.3

115 37.5 27.5 41.3





#38

1-Methylnaphthalene

Concen: 3.358 ng

RT: 12.591 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

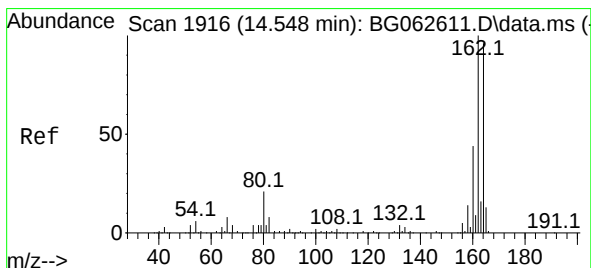
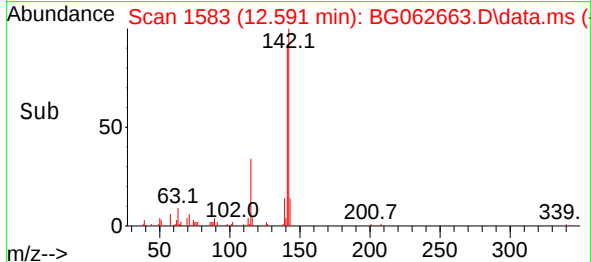
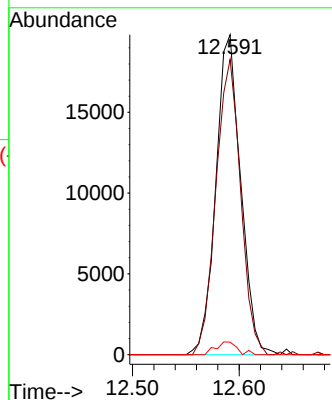
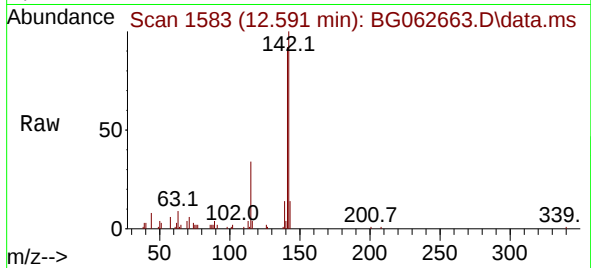
Tgt Ion:142 Resp: 31987

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.4

116 3.9 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.548 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

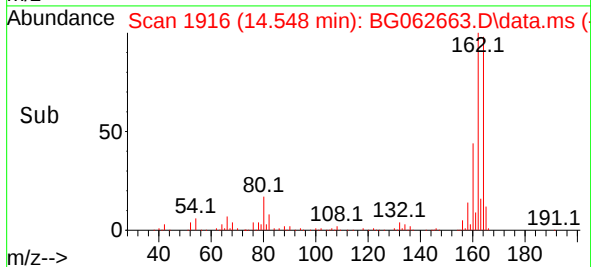
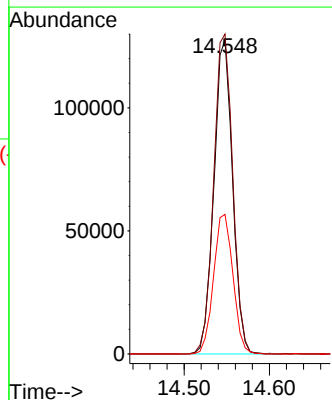
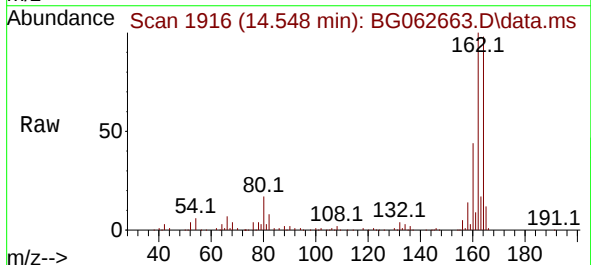
Tgt Ion:164 Resp: 193776

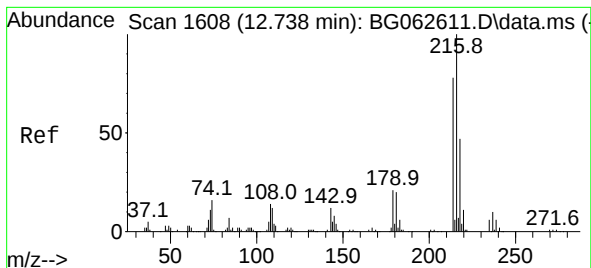
Ion Ratio Lower Upper

164 100

162 101.8 83.1 124.7

160 44.4 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.224 ng

RT: 12.738 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG062663.D

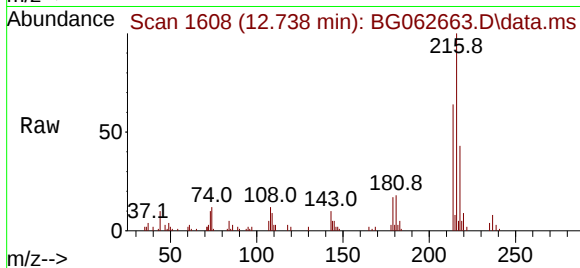
Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:216 Resp: 24614

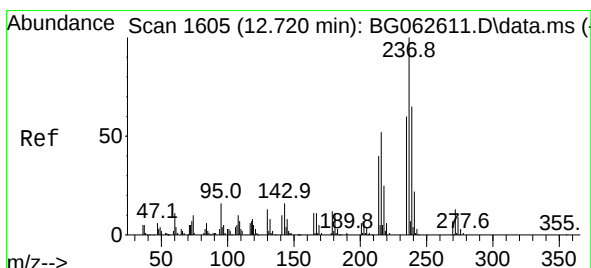
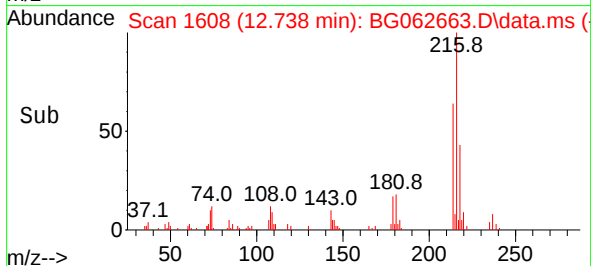
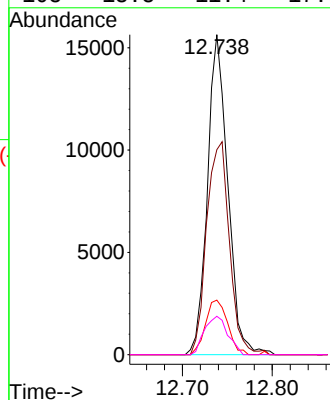
Ion Ratio Lower Upper

216 100

214 74.4 61.6 92.4

179 18.5 15.9 23.9

108 13.8 11.4 17.0



#41

Hexachlorocyclopentadiene

Concen: 3.231 ng

RT: 12.721 min Scan# 1605

Delta R.T. 0.001 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

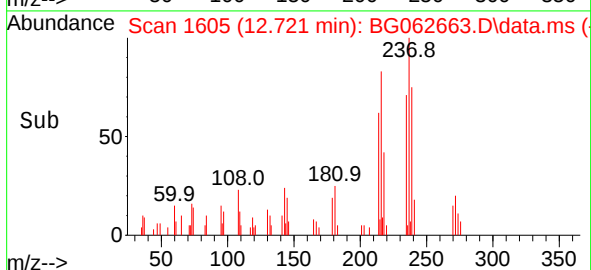
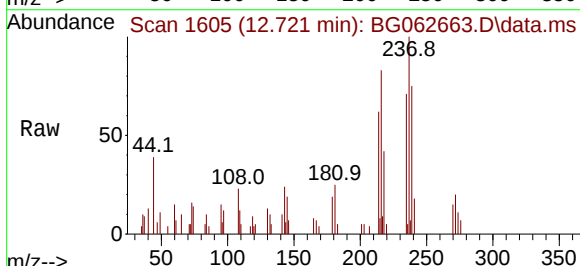
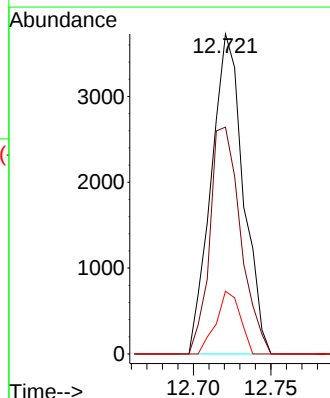
Tgt Ion:237 Resp: 5372

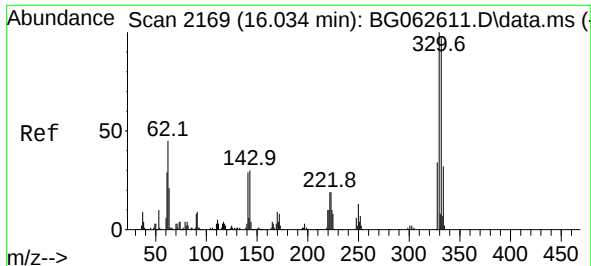
Ion Ratio Lower Upper

237 100

235 70.9 40.4 80.4

272 19.6 0.0 32.7





#42

2,4,6-Tribromophenol

Concen: 131.878 ng

RT: 16.034 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BG062663.D

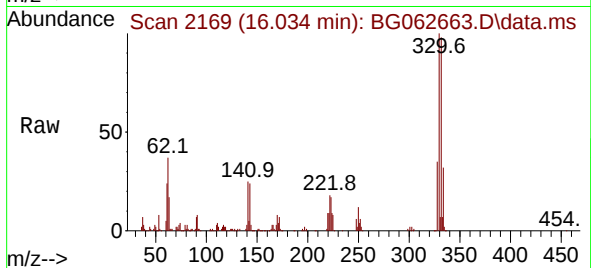
Acq: 5 Sep 2024 12:30

Instrument :

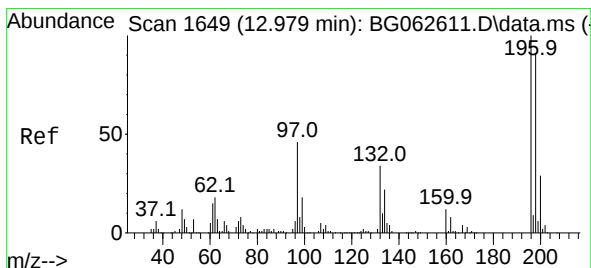
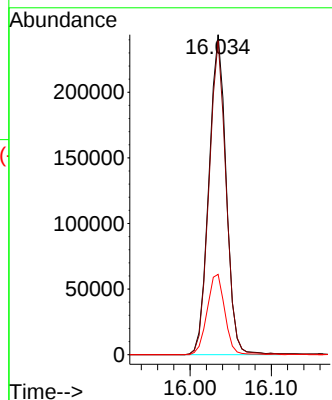
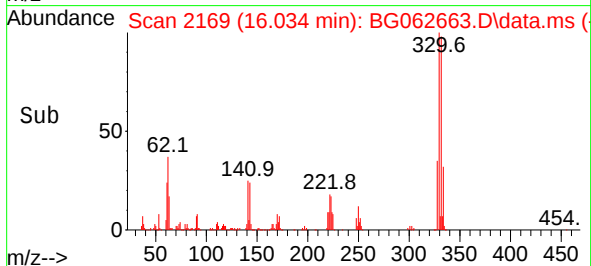
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	330	Resp:	359635
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	25.7	22.2	33.4



#43

2,4,6-Trichlorophenol

Concen: 3.658 ng

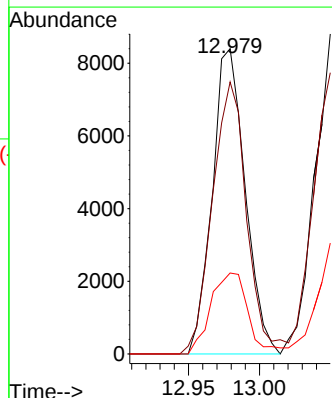
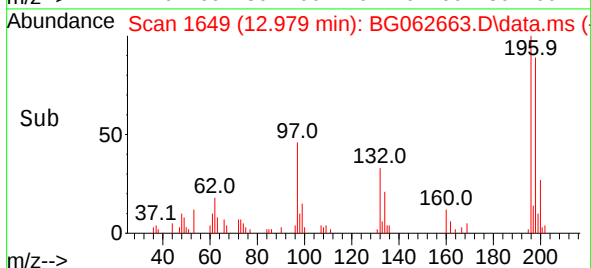
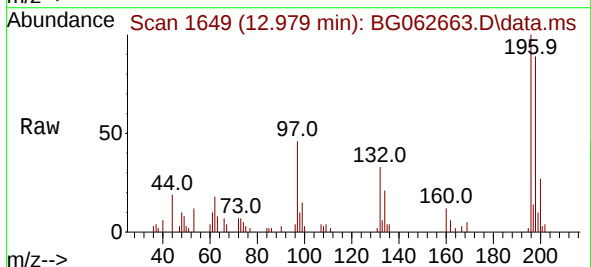
RT: 12.979 min Scan# 1649

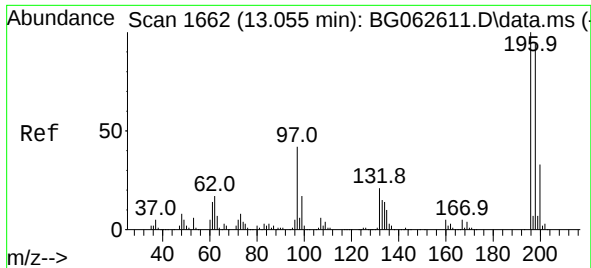
Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion:	196	Resp:	13514
Ion	Ratio	Lower	Upper
196	100		
198	89.1	72.8	109.2
200	29.4	23.5	35.3

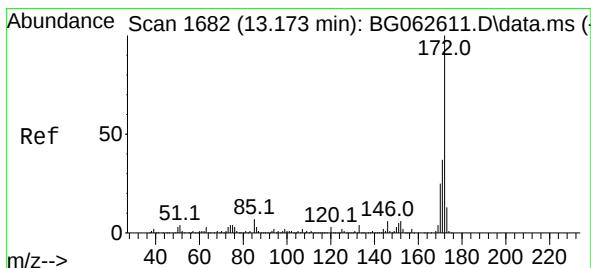
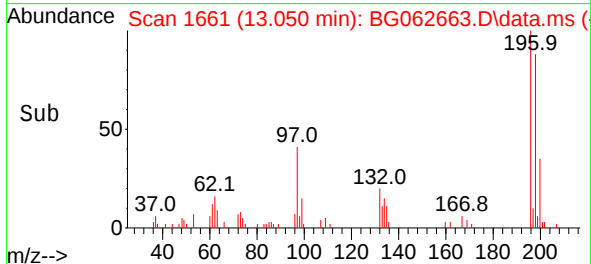
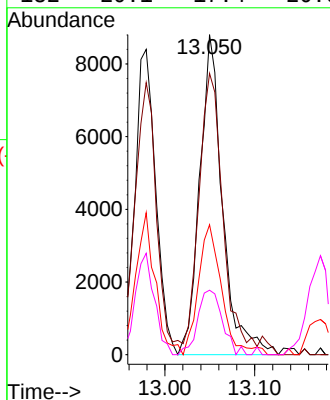
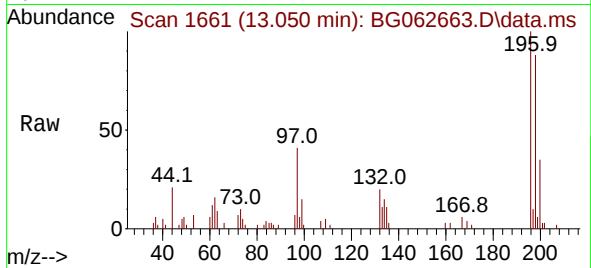




#44
2,4,5-Trichlorophenol
Concen: 3.721 ng
RT: 13.050 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

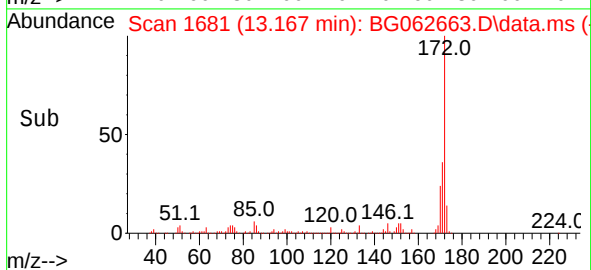
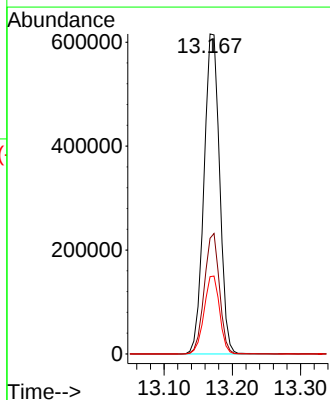
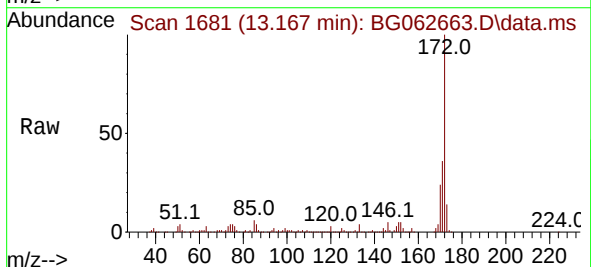
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

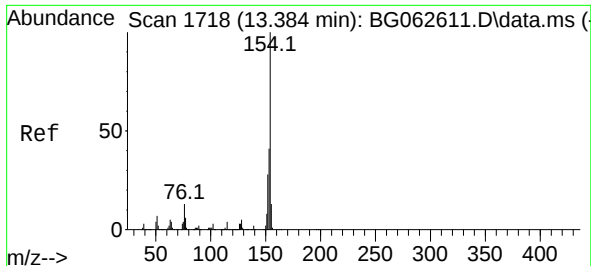
Tgt Ion:196	Resp:	15567
Ion Ratio	Lower	Upper
196	100	
198	87.9	75.5 113.3
97	40.6	34.1 51.1
132	20.1	17.4 26.0



#45
2-Fluorobiphenyl
Concen: 82.089 ng
RT: 13.167 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:172	Resp:	982032
Ion Ratio	Lower	Upper
172	100	
171	36.2	29.7 44.5
170	24.2	20.0 30.0





#46

1,1'-Biphenyl

Concen: 4.086 ng

RT: 13.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

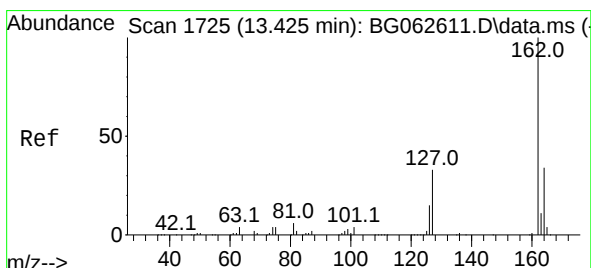
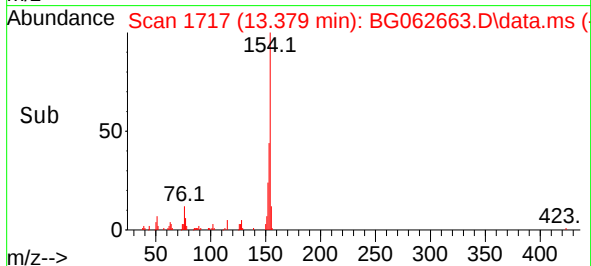
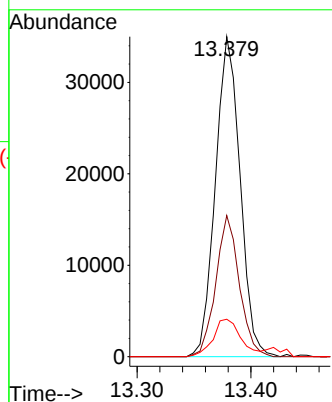
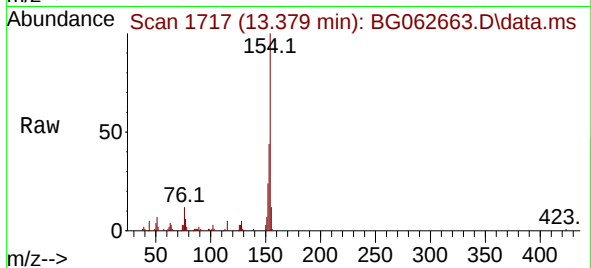
Tgt Ion:154 Resp: 52821

Ion Ratio Lower Upper

154 100

153 44.1 20.8 60.8

76 11.7 0.0 33.4



#47

2-Chloronaphthalene

Concen: 3.728 ng

RT: 13.420 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

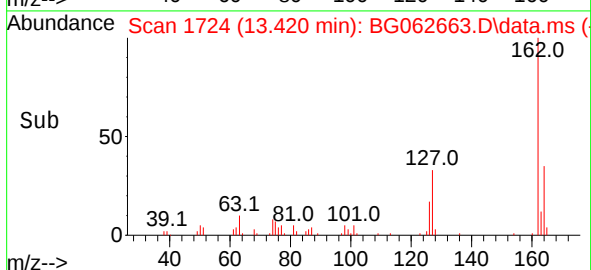
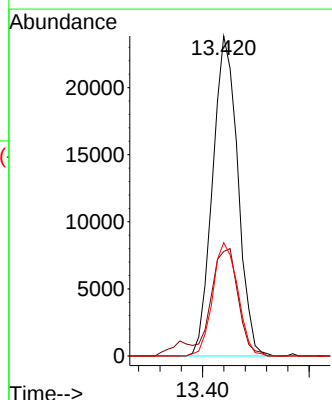
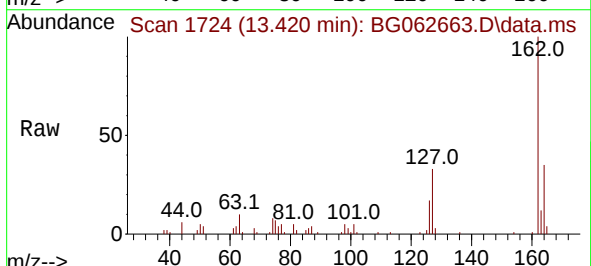
Tgt Ion:162 Resp: 39056

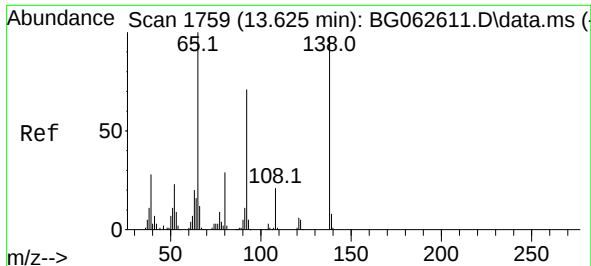
Ion Ratio Lower Upper

162 100

127 32.6 28.7 43.1

164 35.4 26.9 40.3





#48

2-Nitroaniline

Concen: 3.523 ng

RT: 13.620 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG062663.D

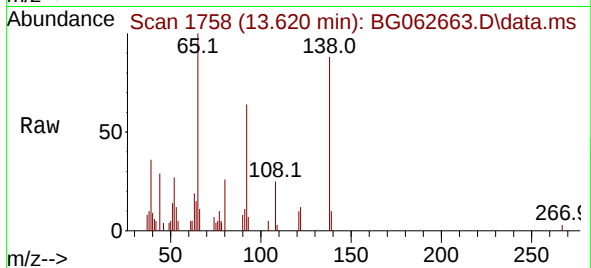
Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



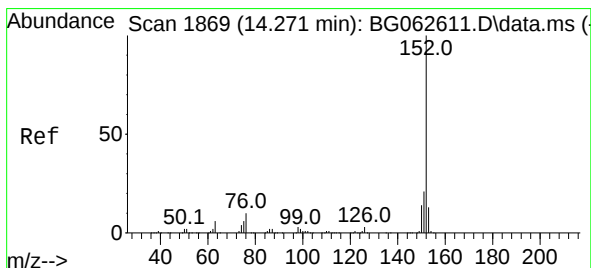
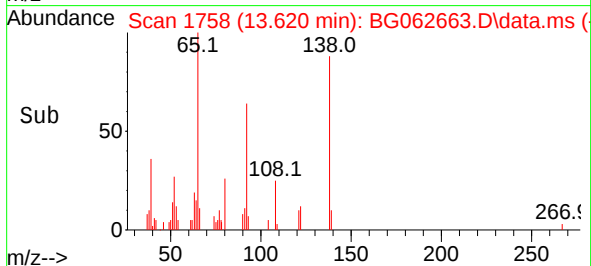
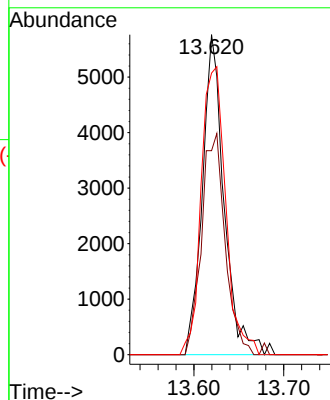
Tgt Ion: 65 Resp: 9709

Ion Ratio Lower Upper

65 100

92 63.8 56.6 84.8

138 88.0 78.7 118.1



#49

Acenaphthylene

Concen: 4.141 ng

RT: 14.266 min Scan# 1868

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

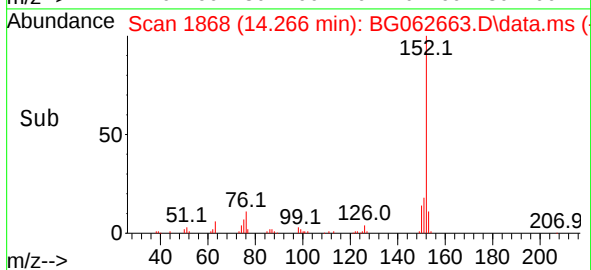
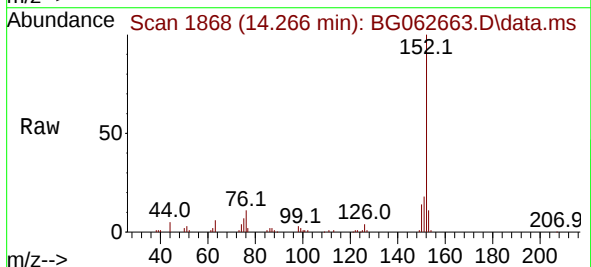
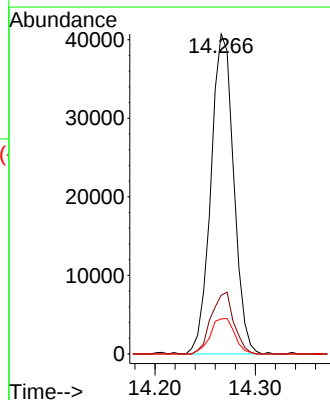
Tgt Ion: 152 Resp: 64250

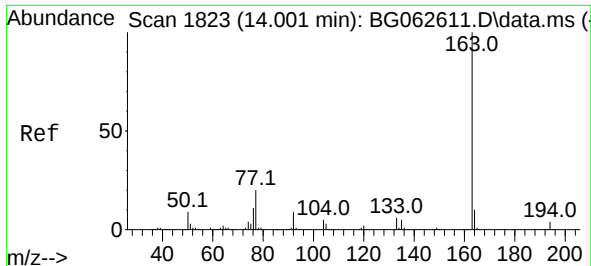
Ion Ratio Lower Upper

152 100

151 18.3 16.6 24.8

153 10.9 10.2 15.4





#50

Dimethylphthalate

Concen: 3.998 ng

RT: 13.996 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

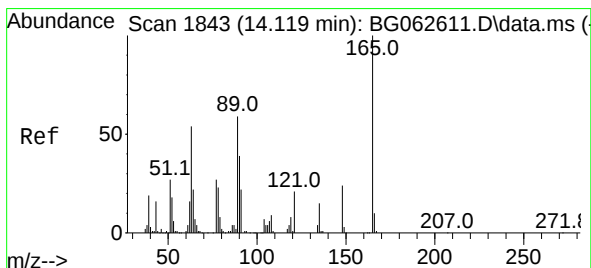
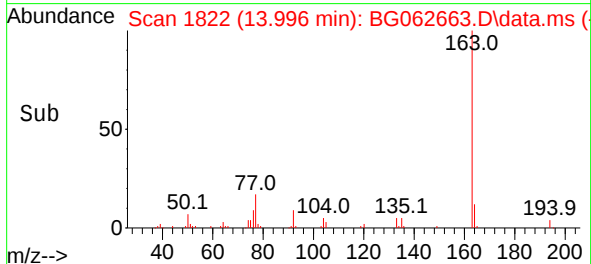
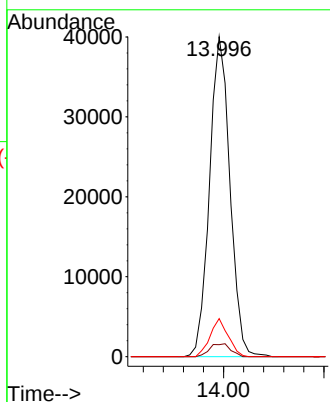
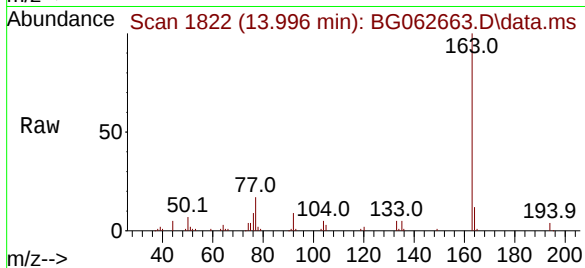
Tgt Ion:163 Resp: 56648

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 11.9 8.3 12.5



#51

2,6-Dinitrotoluene

Concen: 3.403 ng

RT: 14.113 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

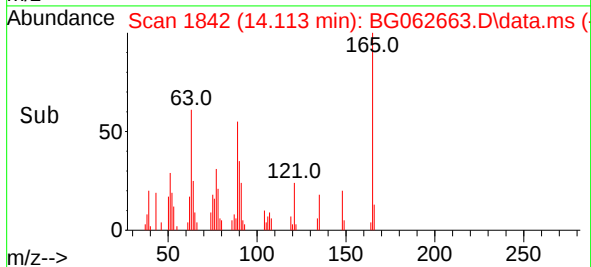
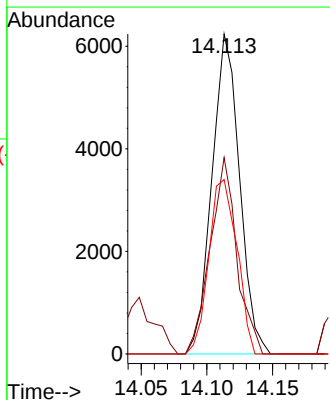
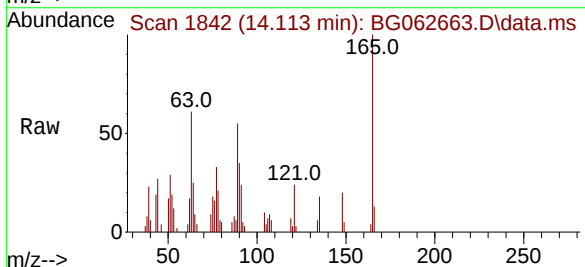
Tgt Ion:165 Resp: 9120

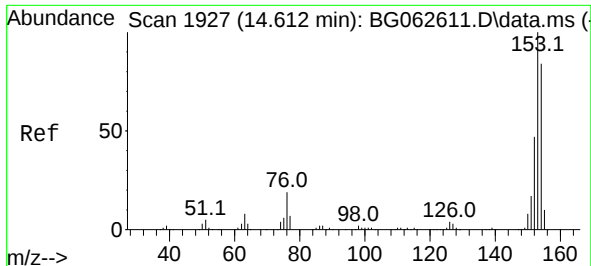
Ion Ratio Lower Upper

165 100

63 61.3 46.6 69.8

89 54.5 47.2 70.8





#52

Acenaphthene

Concen: 3.898 ng

RT: 14.607 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

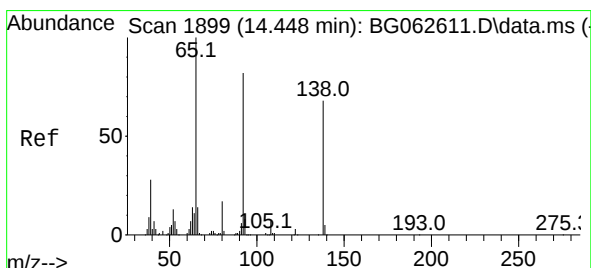
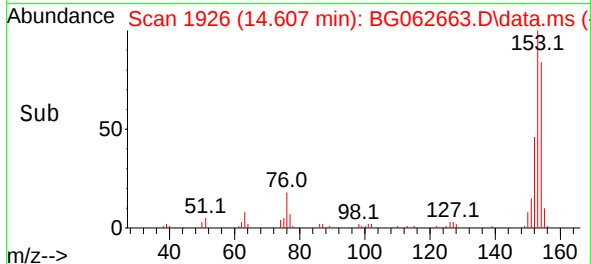
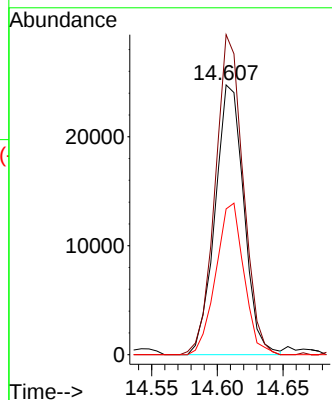
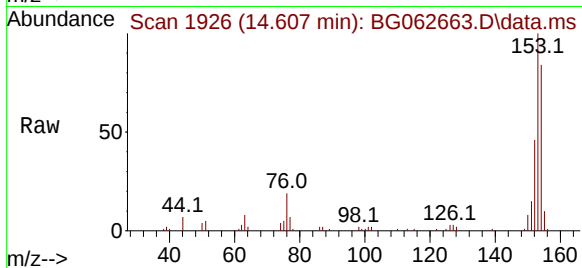
Tgt Ion:154 Resp: 37808

Ion Ratio Lower Upper

154 100

153 118.6 95.0 142.4

152 54.1 45.0 67.6



#53

3-Nitroaniline

Concen: 3.411 ng

RT: 14.442 min Scan# 1898

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

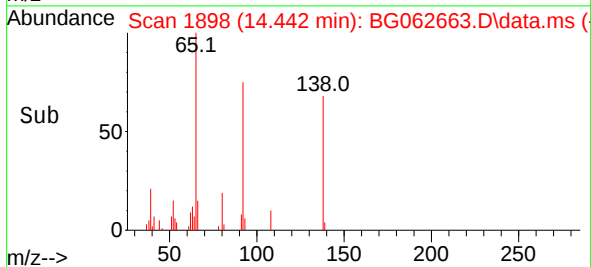
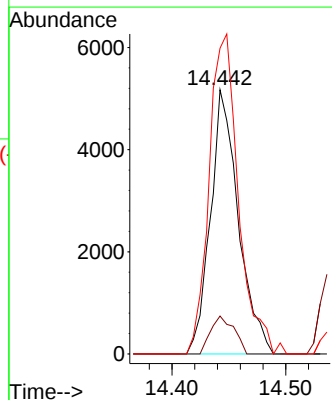
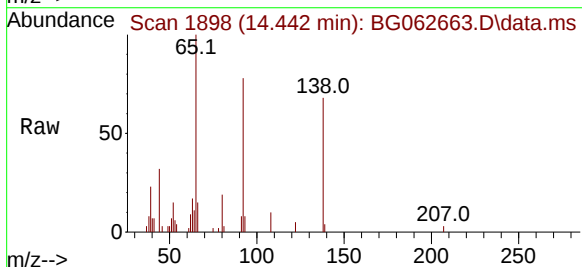
Tgt Ion:138 Resp: 8846

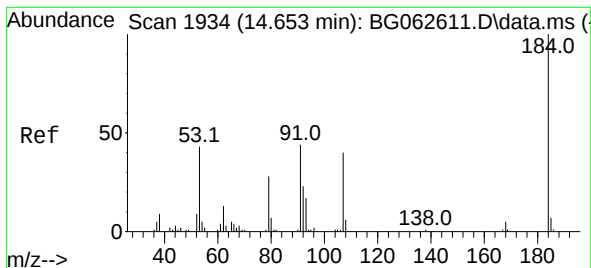
Ion Ratio Lower Upper

138 100

108 14.4 8.6 13.0#

92 115.8 95.7 143.5





#54

2,4-Dinitrophenol

Concen: 1.354 ng

RT: 14.660 min Scan# 1935

Delta R.T. 0.007 min

Lab File: BG062663.D

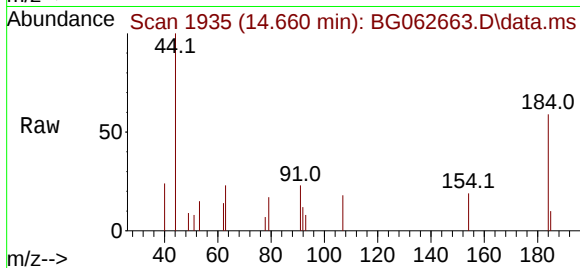
Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



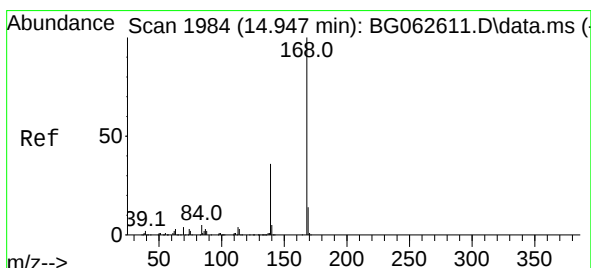
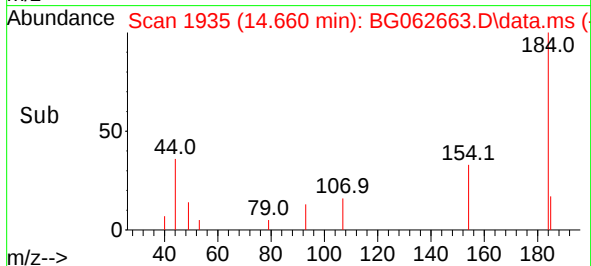
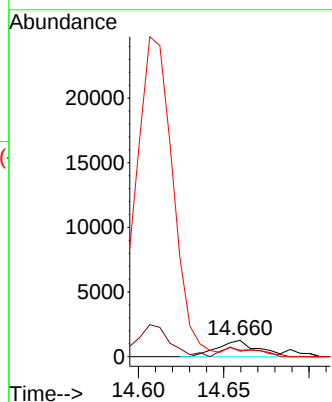
Tgt Ion:184 Resp: 2036

Ion Ratio Lower Upper

184 100

63 39.4 49.0 73.4#

154 32.8 50.5 75.7#



#55

Dibenzofuran

Concen: 4.141 ng

RT: 14.947 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

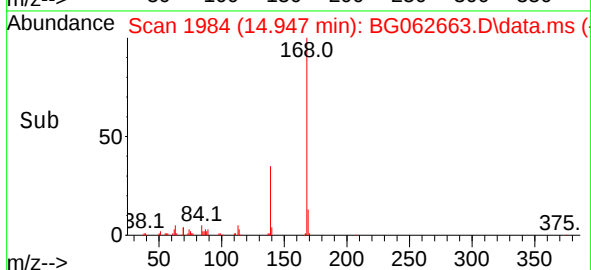
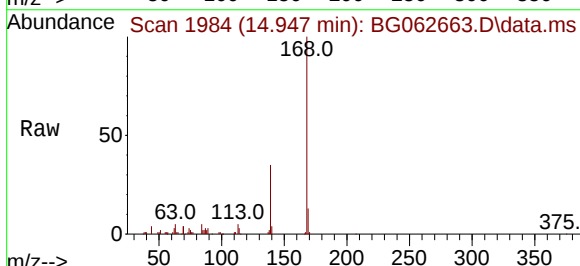
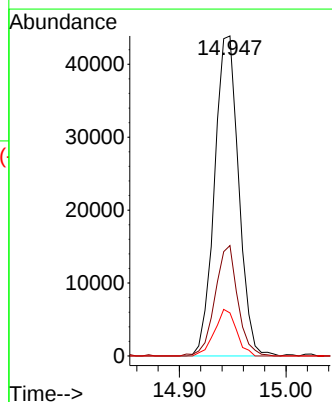
Tgt Ion:168 Resp: 68886

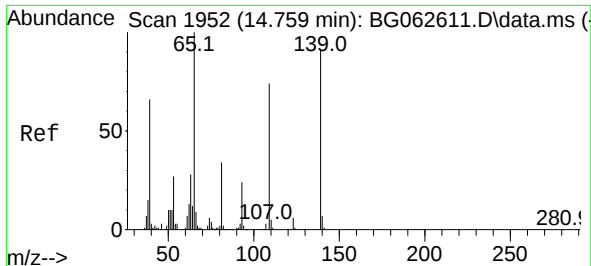
Ion Ratio Lower Upper

168 100

139 34.5 28.6 42.8

169 13.5 11.0 16.6





#56

4-Nitrophenol

Concen: 2.966 ng

RT: 14.759 min Scan# 1952

Delta R.T. 0.000 min

Lab File: BG062663.D

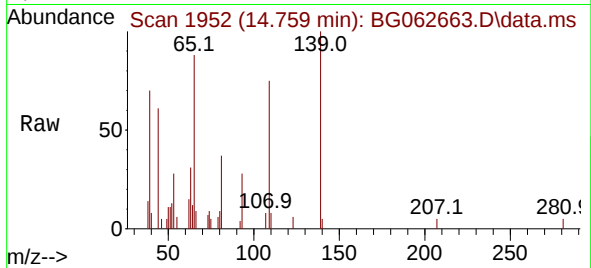
Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



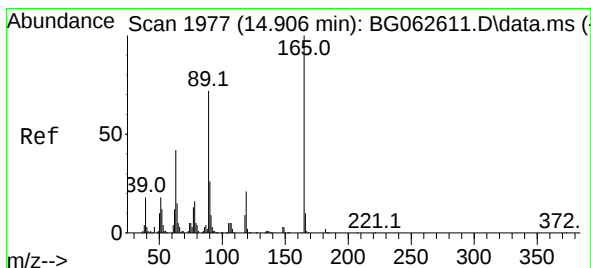
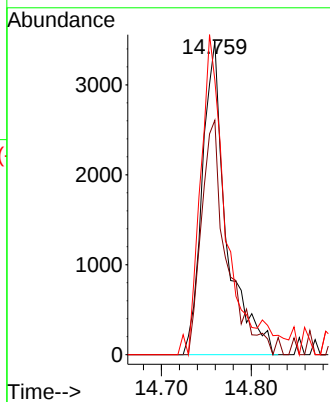
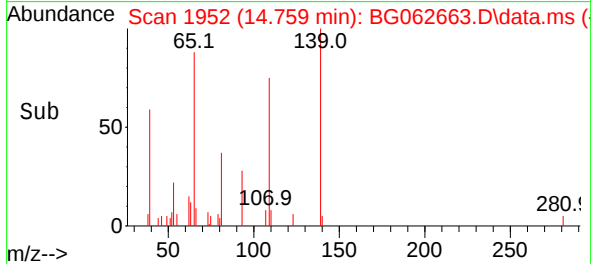
Tgt Ion:139 Resp: 6518

Ion Ratio Lower Upper

139 100

109 74.8 61.2 101.2

65 87.6 90.2 130.2#



#57

2,4-Dinitrotoluene

Concen: 3.546 ng

RT: 14.900 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion:165 Resp: 12967

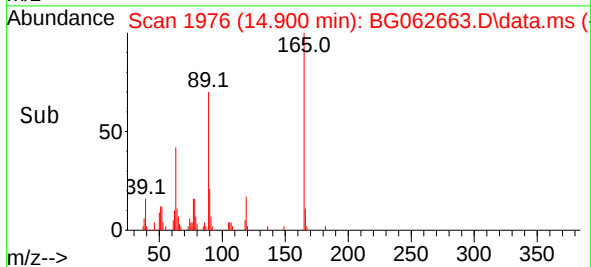
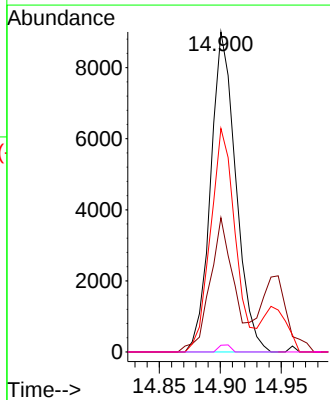
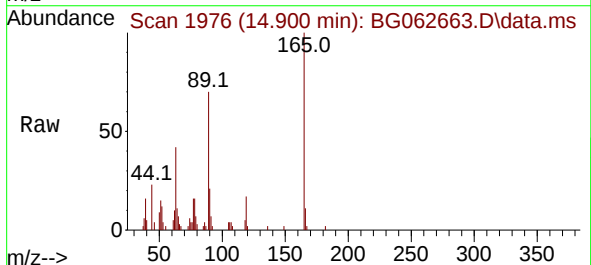
Ion Ratio Lower Upper

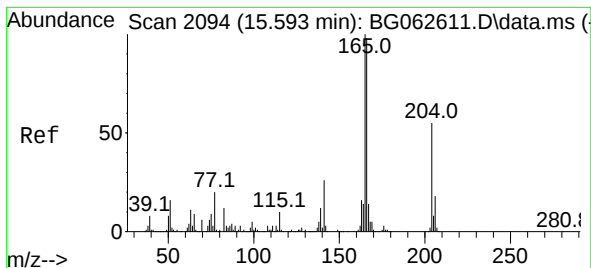
165 100

63 41.9 33.8 50.6

89 69.9 57.9 86.9

182 2.1 1.8 2.8





#58

Fluorene

Concen: 3.995 ng

RT: 15.594 min Scan# 2094

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

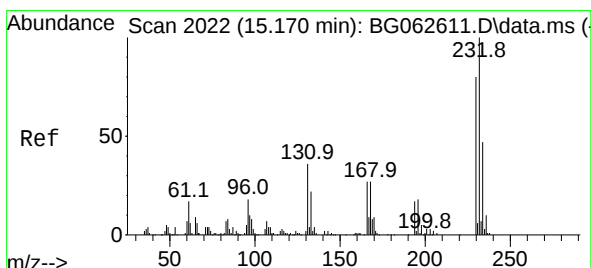
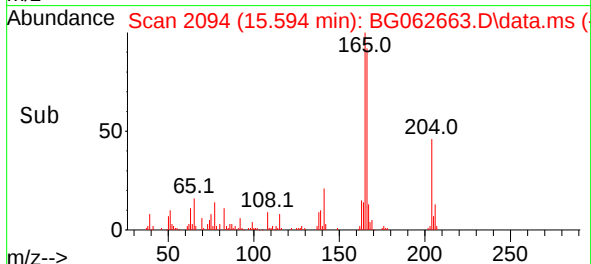
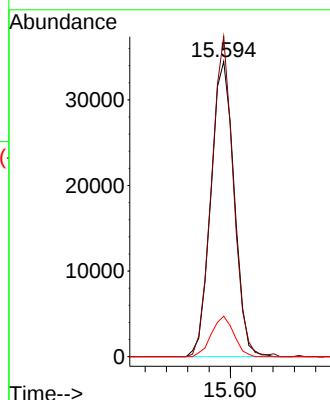
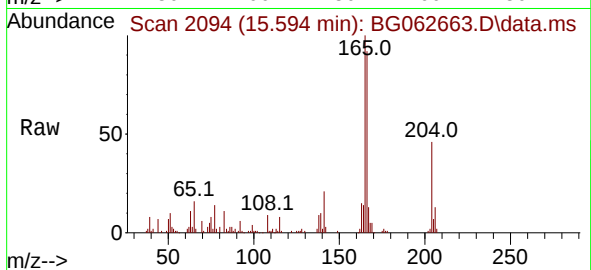
Tgt Ion:166 Resp: 52157

Ion Ratio Lower Upper

166 100

165 108.4 82.0 123.0

167 13.7 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.891 ng

RT: 15.171 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion:232 Resp: 15420

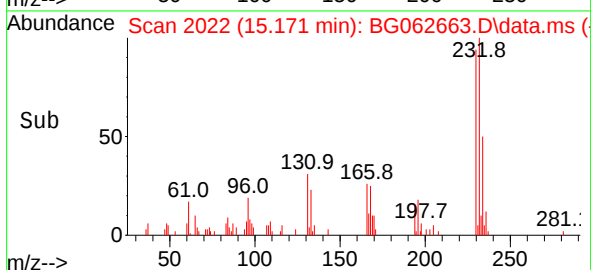
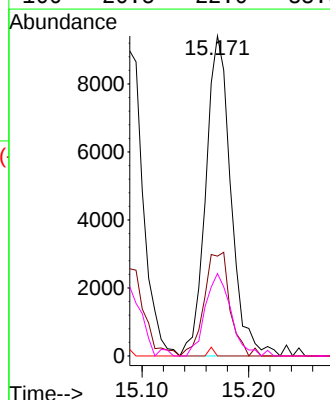
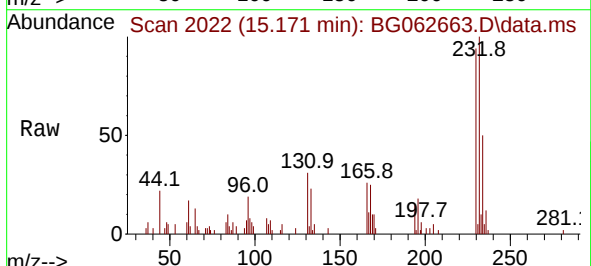
Ion Ratio Lower Upper

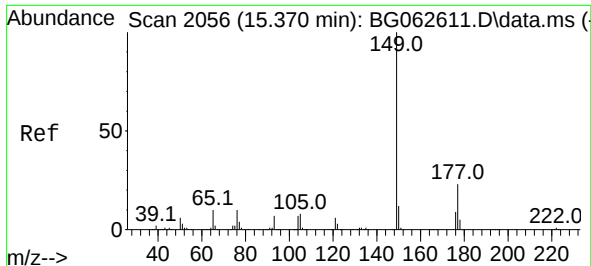
232 100

131 33.3 28.3 42.5

130 0.6 1.7 2.5#

166 26.5 22.0 33.0





#60

Diethylphthalate

Concen: 3.813 ng

RT: 15.365 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

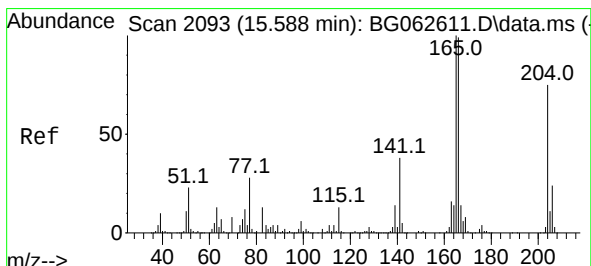
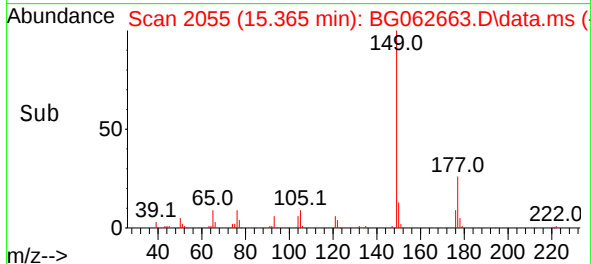
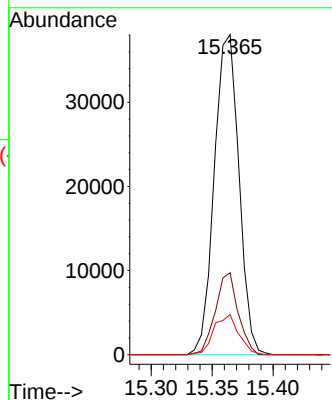
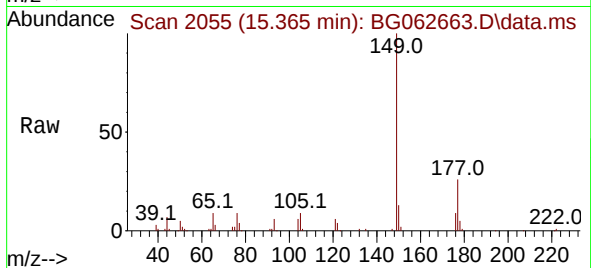
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:149	Resp:	53555
Ion Ratio	Lower	Upper
149	100	
177	25.6	18.0 27.0
150	12.6	9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 3.991 ng

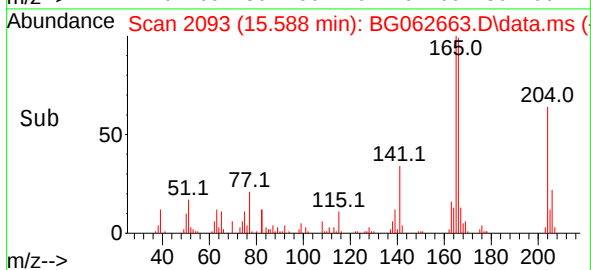
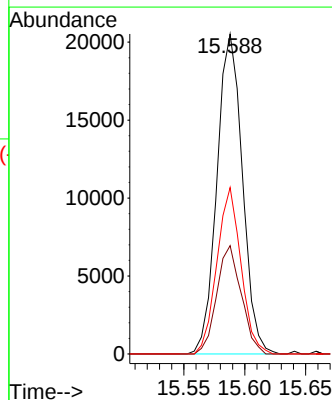
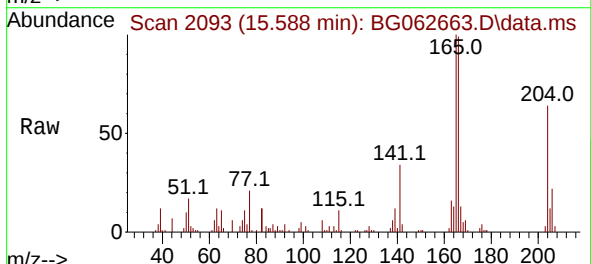
RT: 15.588 min Scan# 2093

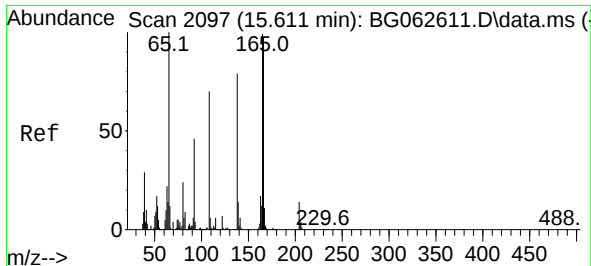
Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion:204	Resp:	29911
Ion Ratio	Lower	Upper
204	100	
206	33.8	25.9 38.9
141	52.0	41.0 61.6





#62

4-Nitroaniline

Concen: 3.561 ng

RT: 15.606 min Scan# 2097

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

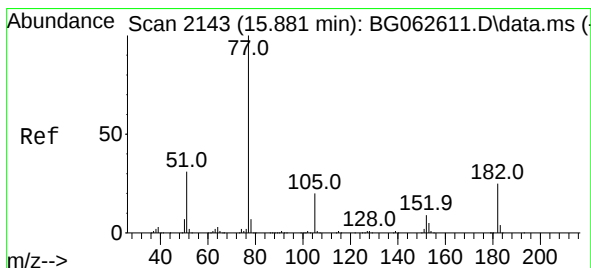
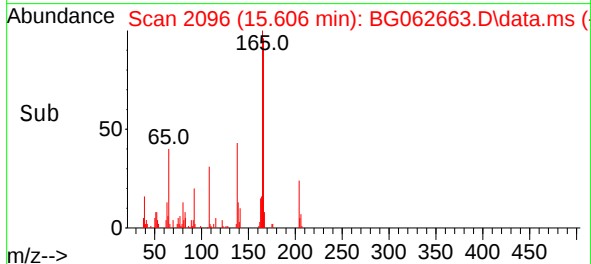
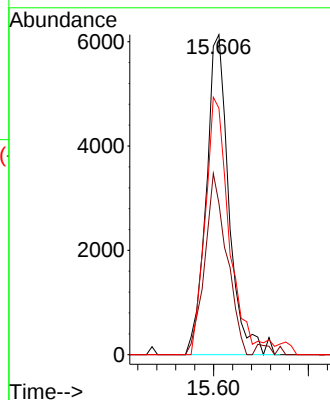
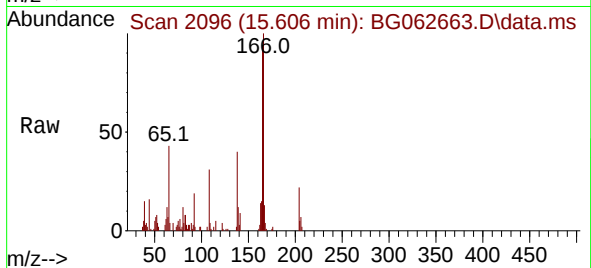
Tgt Ion:138 Resp: 10183

Ion Ratio Lower Upper

138 100

92 47.3 38.4 78.4

108 77.0 69.0 109.0



#63

Azobenzene

Concen: 3.854 ng

RT: 15.882 min Scan# 2143

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion: 77 Resp: 50824

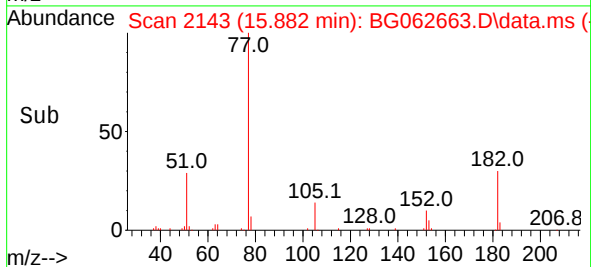
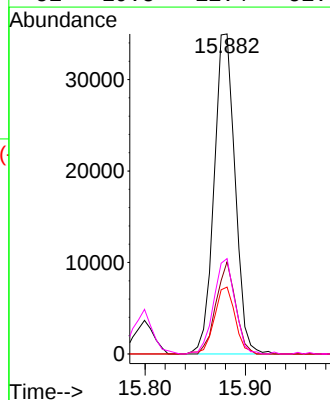
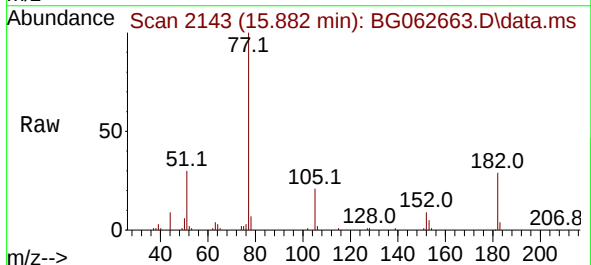
Ion Ratio Lower Upper

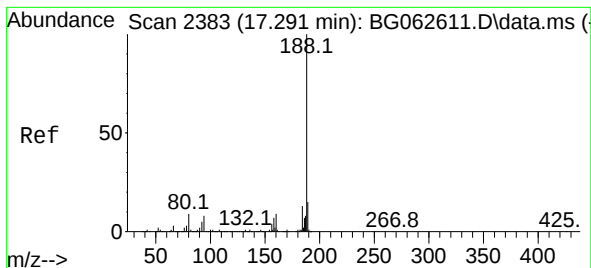
77 100

182 28.8 5.0 45.0

105 20.9 0.5 40.5

51 29.8 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

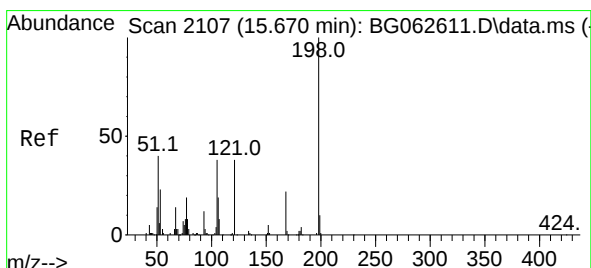
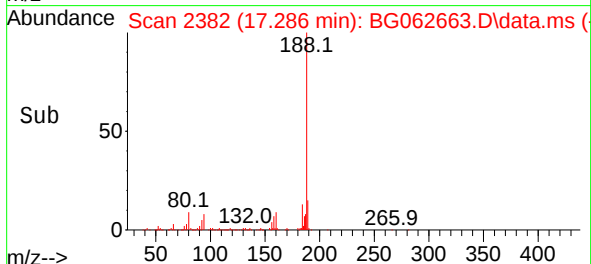
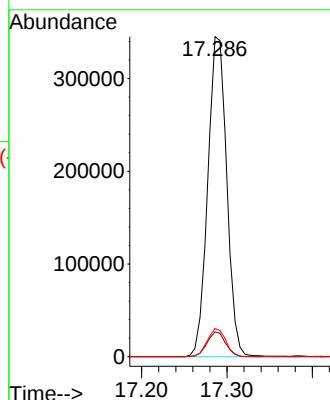
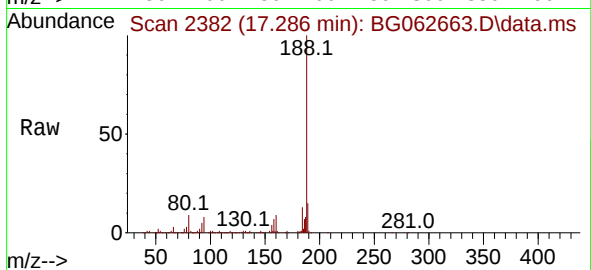
Tgt Ion:188 Resp: 534373

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

80 8.8 7.0 10.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.545 ng

RT: 15.664 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

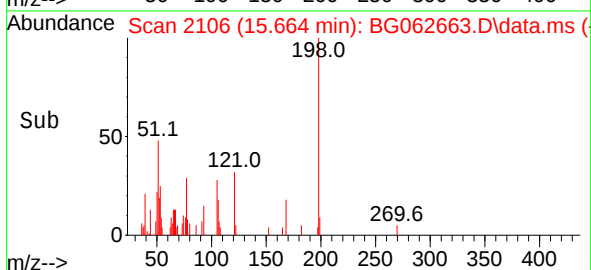
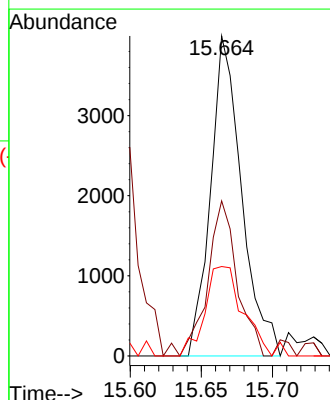
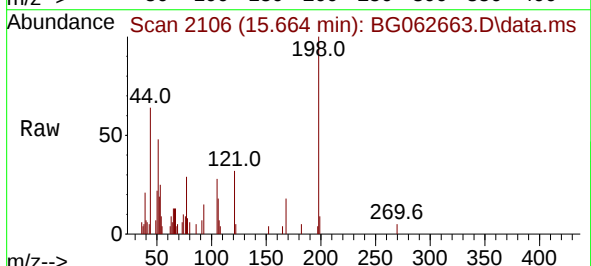
Tgt Ion:198 Resp: 6069

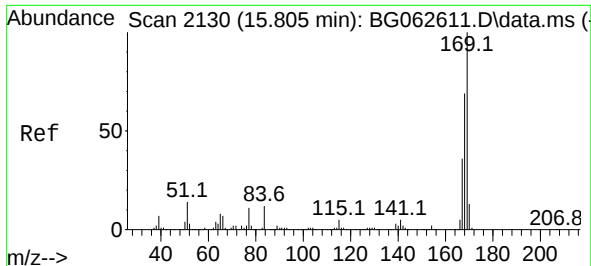
Ion Ratio Lower Upper

198 100

51 48.4 25.1 65.1

105 28.0 18.3 58.3

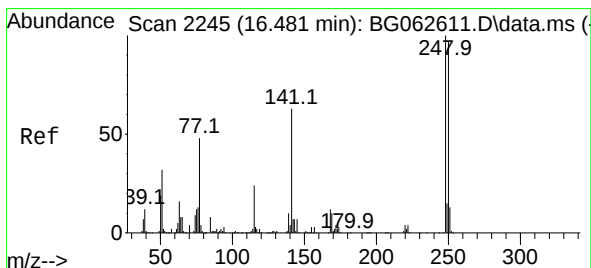
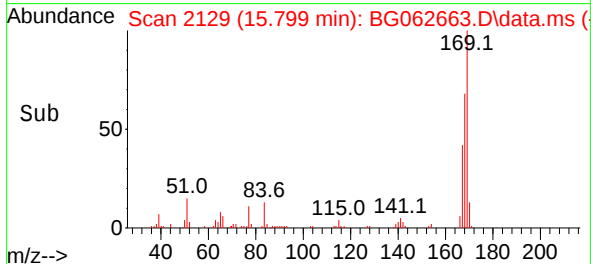
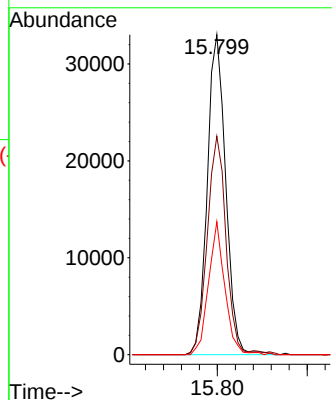
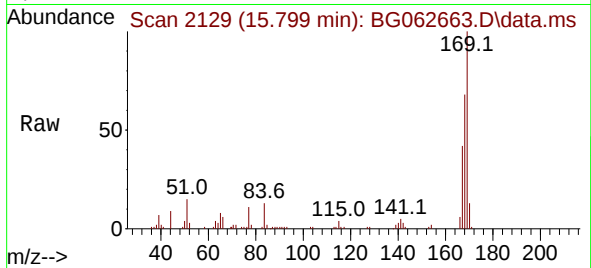




#66
 n-Nitrosodiphenylamine
 Concen: 3.656 ng
 RT: 15.799 min Scan# 2130
 Delta R.T. -0.006 min
 Lab File: BG062663.D
 Acq: 5 Sep 2024 12:30

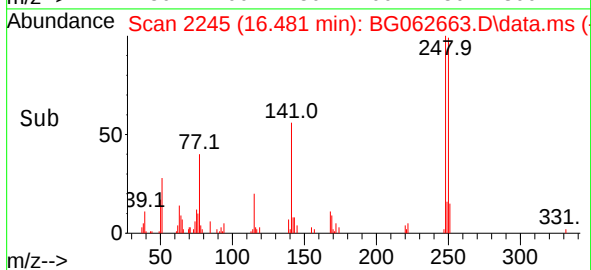
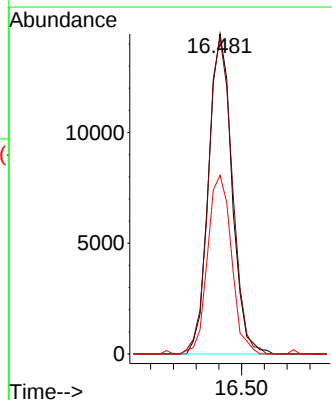
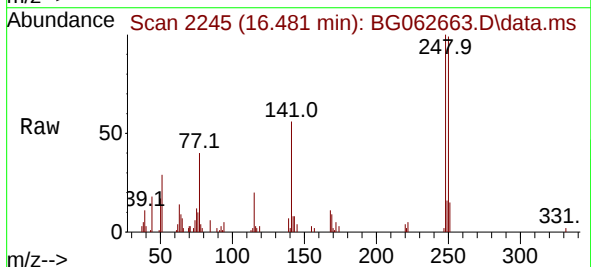
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2024

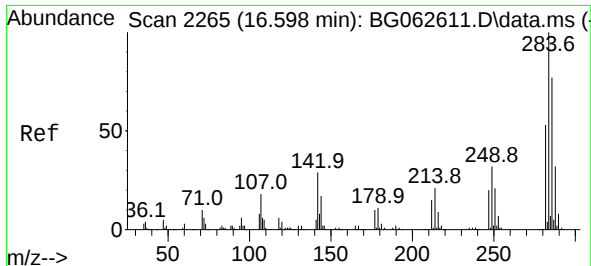
Tgt Ion:169 Resp: 46972
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.4 83.2
 167 41.6 29.0 43.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.744 ng
 RT: 16.481 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BG062663.D
 Acq: 5 Sep 2024 12:30

Tgt Ion:248 Resp: 20647
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.9 116.9
 141 55.9 50.2 75.2

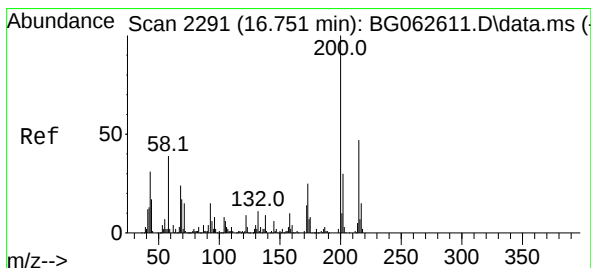
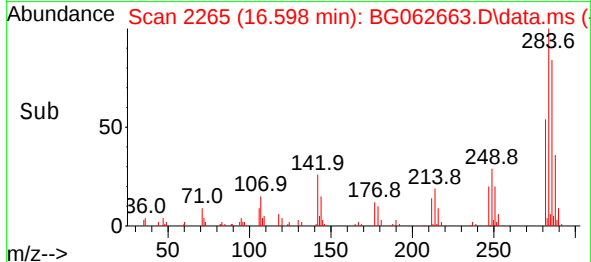
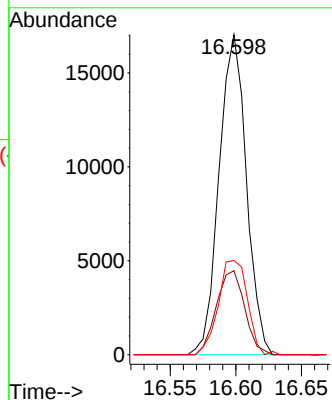
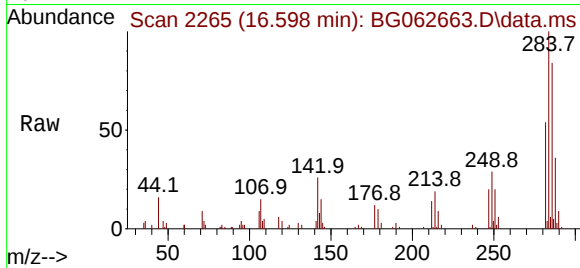




#68
Hexachlorobenzene
Concen: 3.768 ng
RT: 16.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

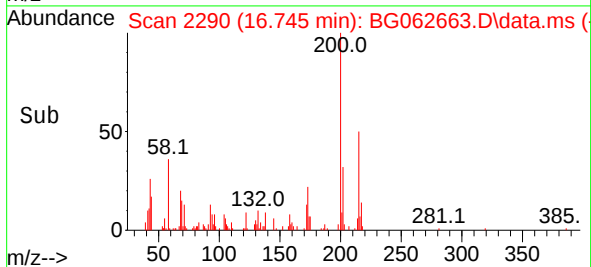
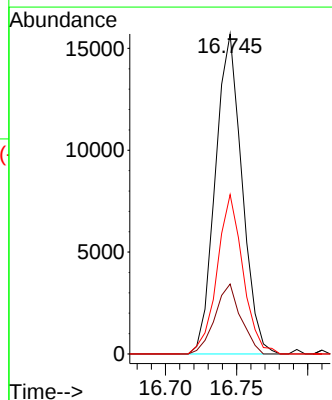
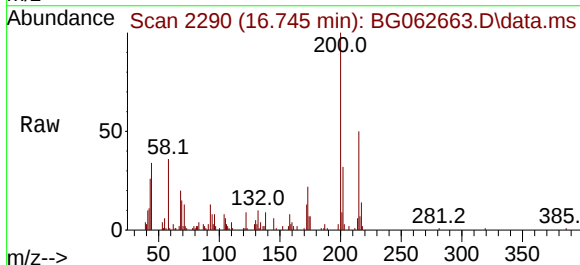
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

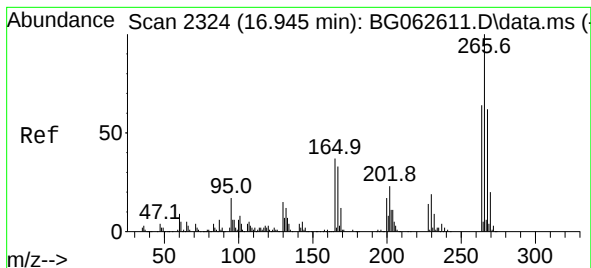
Tgt Ion:284 Resp: 24608
Ion Ratio Lower Upper
284 100
142 26.3 23.5 35.3
249 33.5 25.4 38.0



#69
Atrazine
Concen: 4.684 ng
RT: 16.745 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:200 Resp: 20439
Ion Ratio Lower Upper
200 100
173 21.8 5.2 45.2
215 49.8 27.3 67.3





#70

Pentachlorophenol

Concen: 2.022 ng

RT: 16.945 min Scan# 2324

Delta R.T. 0.000 min

Lab File: BG062663.D

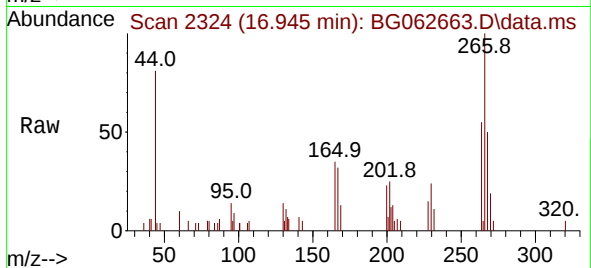
Acq: 5 Sep 2024 12:30

Instrument :

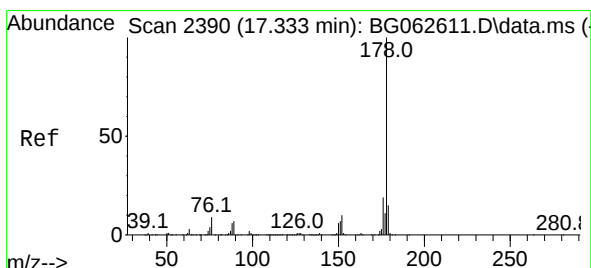
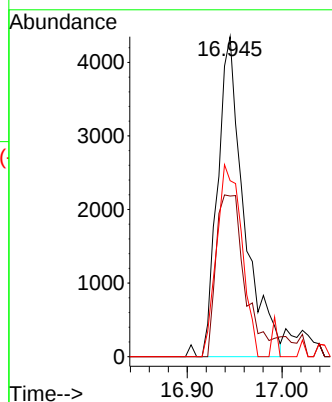
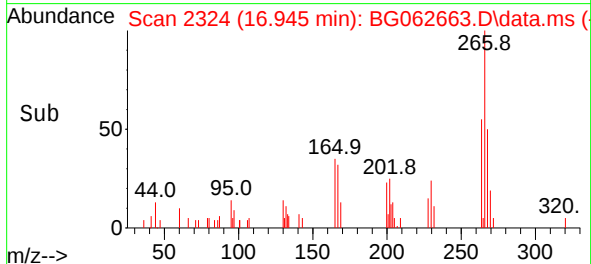
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	266	Resp:	8457
Ion Ratio	Lower	Upper	
266	100		
268	50.2	52.6	79.0#
264	55.0	51.6	77.4



#71

Phenanthrene

Concen: 4.035 ng

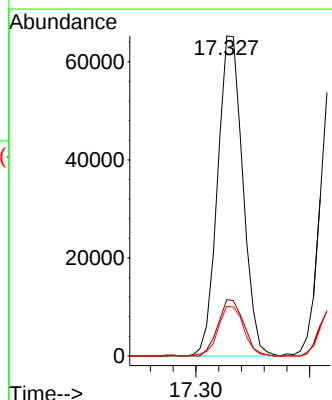
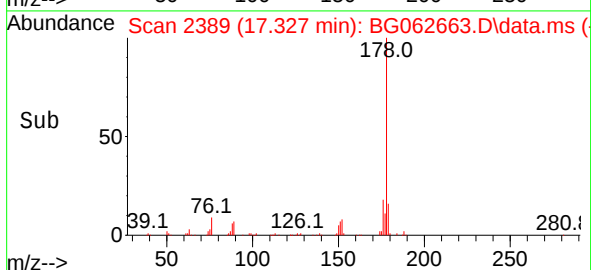
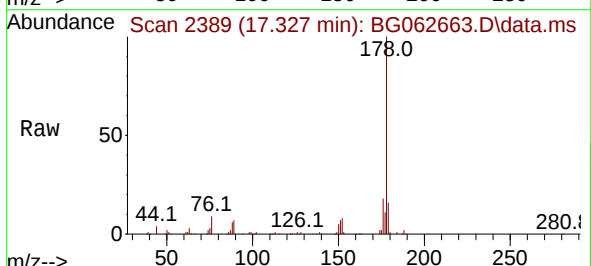
RT: 17.327 min Scan# 2389

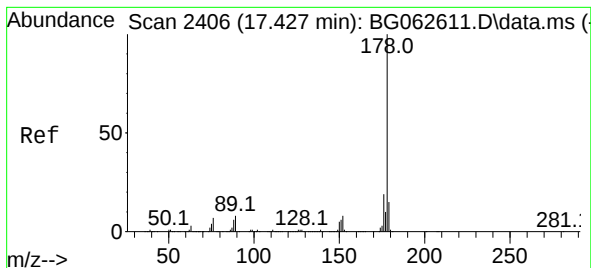
Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion:	178	Resp:	100634
Ion Ratio	Lower	Upper	
178	100		
176	17.6	15.4	23.0
179	15.5	12.2	18.4





#72

Anthracene

Concen: 4.030 ng

RT: 17.421 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

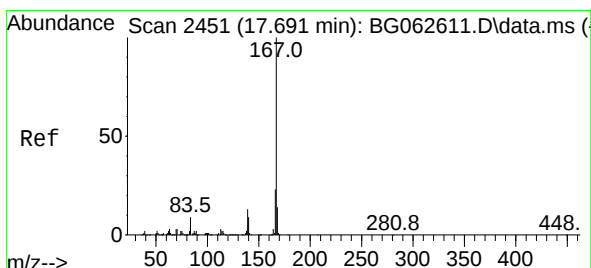
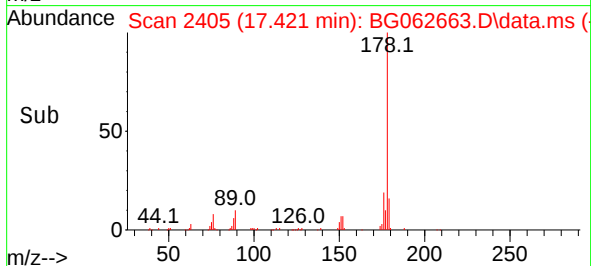
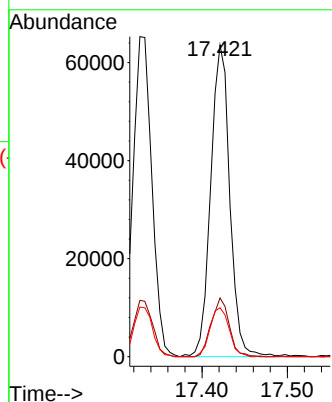
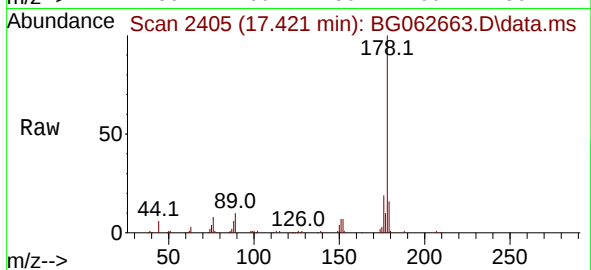
Tgt Ion:178 Resp: 98835

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.7 12.0 18.0



#73

Carbazole

Concen: 3.651 ng

RT: 17.691 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

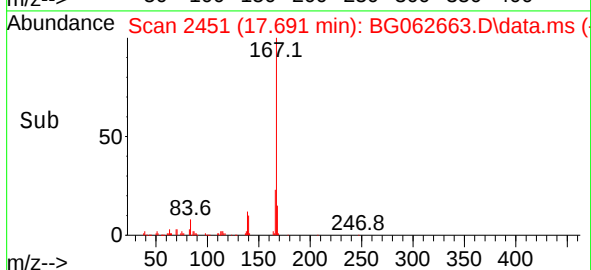
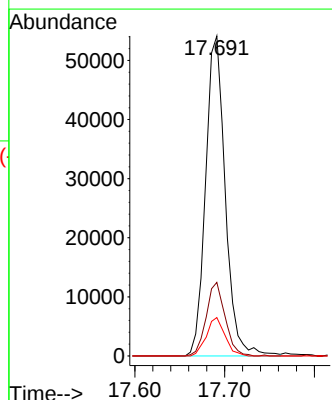
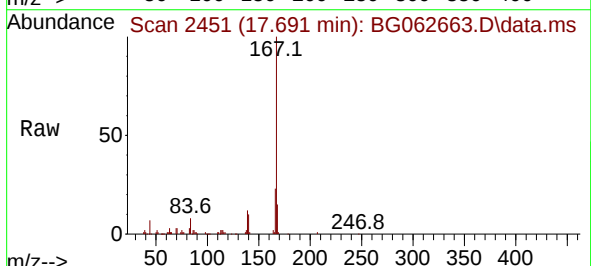
Tgt Ion:167 Resp: 82308

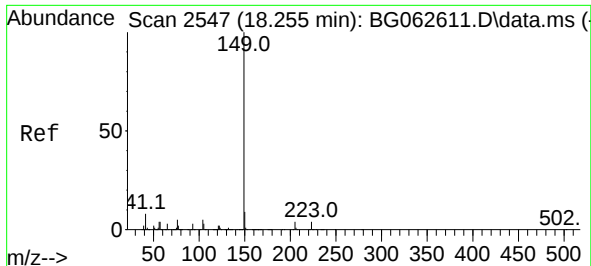
Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.2

139 12.0 10.1 15.1

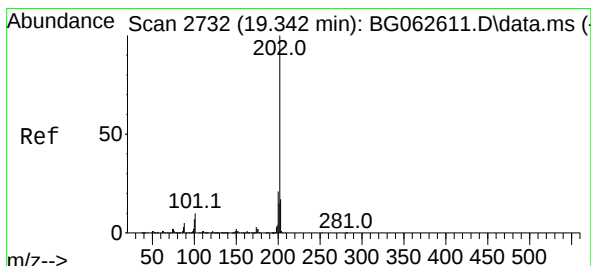
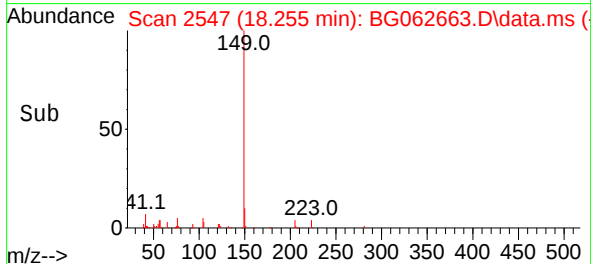
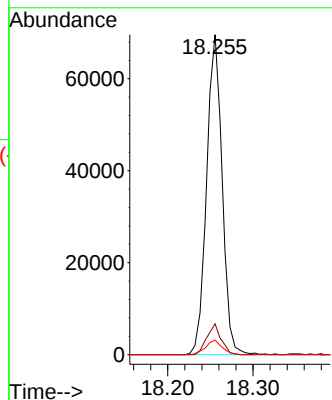
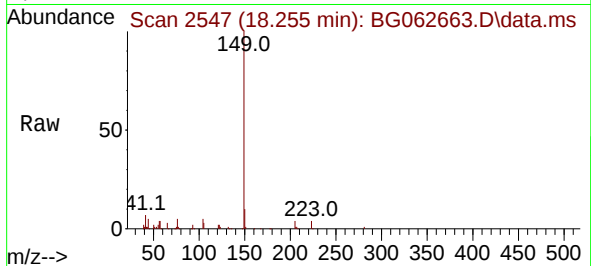




#74
Di-n-butylphthalate
Concen: 3.469 ng
RT: 18.255 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

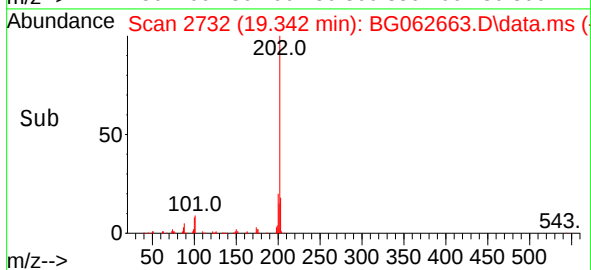
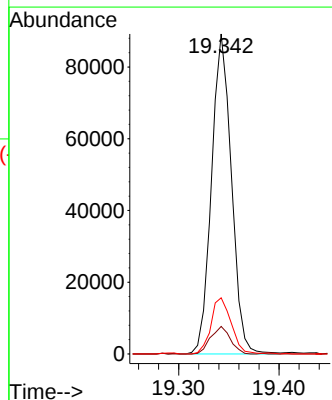
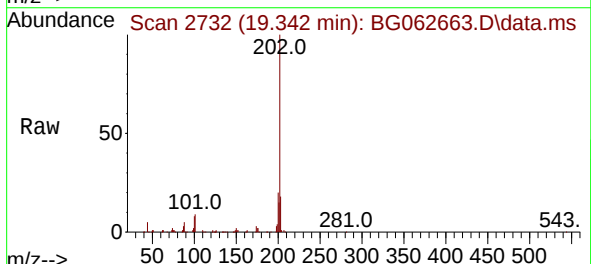
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

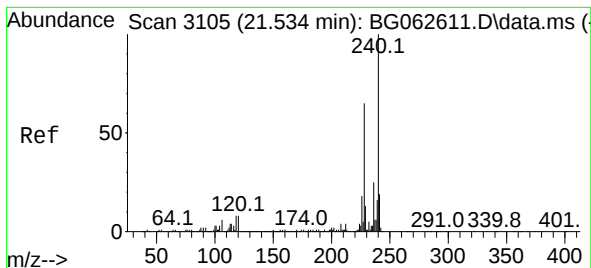
Tgt Ion:149 Resp: 88192
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 4.5 4.2 6.2



#75
Fluoranthene
Concen: 3.898 ng
RT: 19.342 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Tgt Ion:202 Resp: 122951
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 17.6 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.534 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

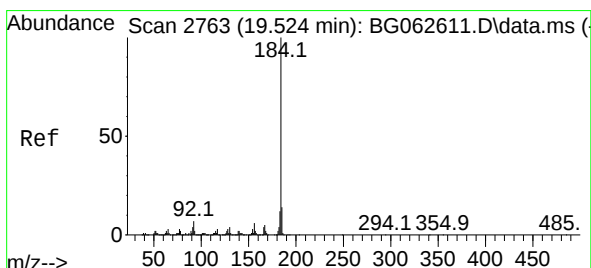
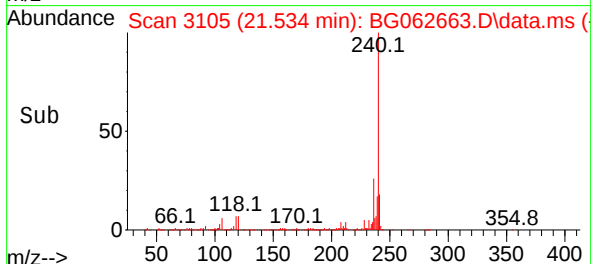
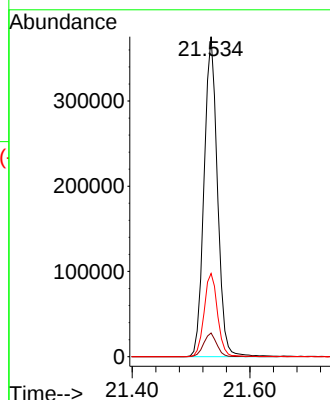
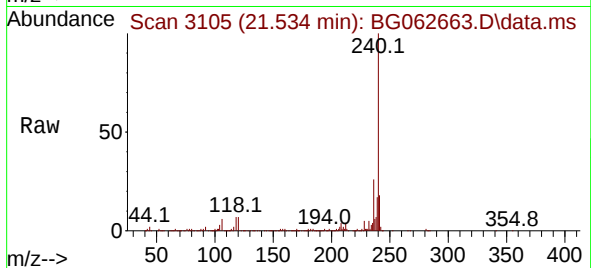
Tgt Ion:240 Resp: 591665

Ion Ratio Lower Upper

240 100

120 7.4 6.6 9.8

236 26.0 20.2 30.4



#77

Benzidine

Concen: 4.461 ng

RT: 19.524 min Scan# 2763

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

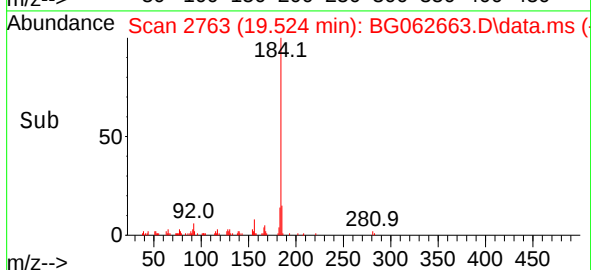
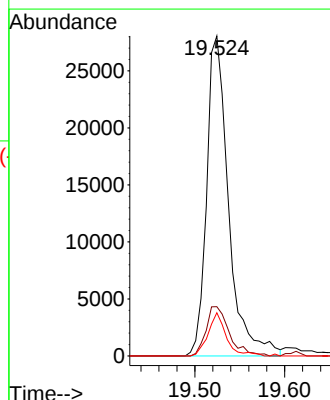
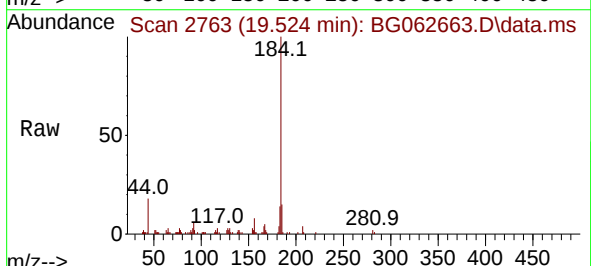
Tgt Ion:184 Resp: 47577

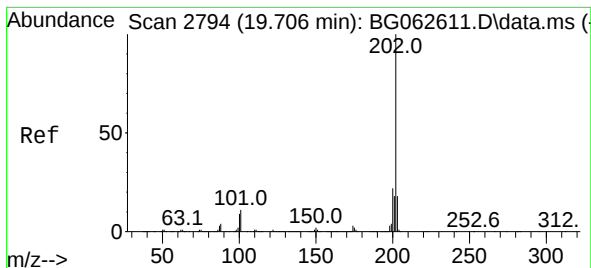
Ion Ratio Lower Upper

184 100

185 15.4 11.0 16.6

183 13.5 9.7 14.5





#78

Pyrene

Concen: 3.548 ng

RT: 19.707 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

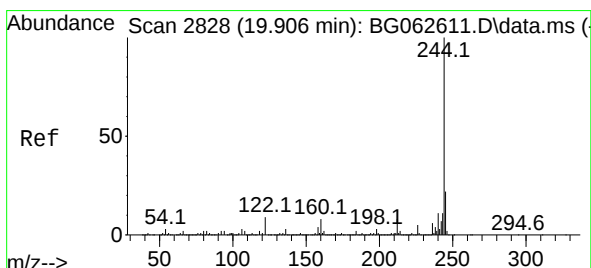
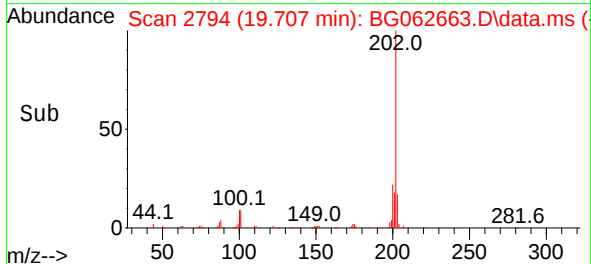
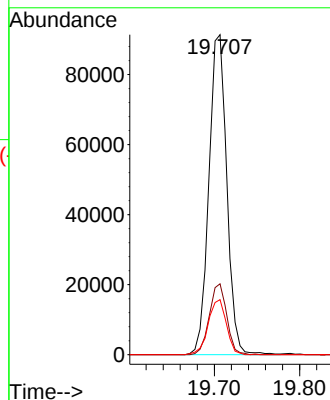
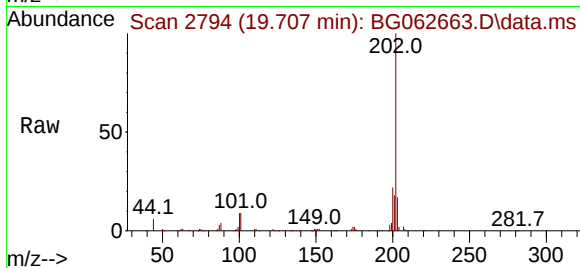
Tgt Ion:202 Resp: 133445

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 17.2 14.1 21.1



#79

Terphenyl-d14

Concen: 69.859 ng

RT: 19.906 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

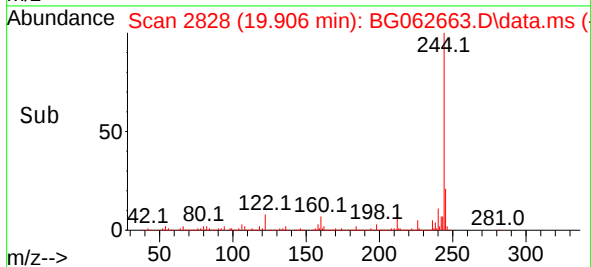
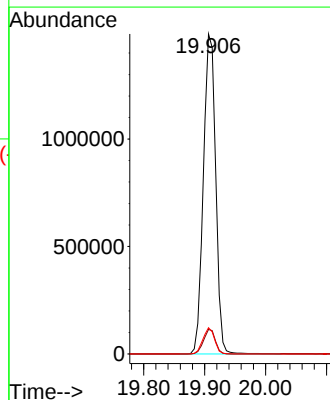
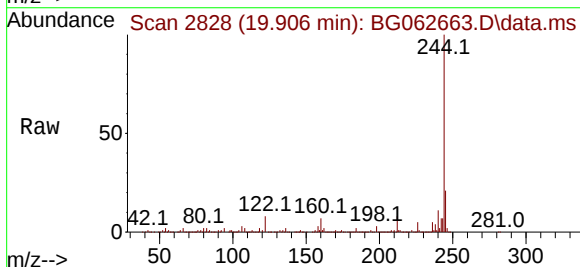
Tgt Ion:244 Resp: 2084532

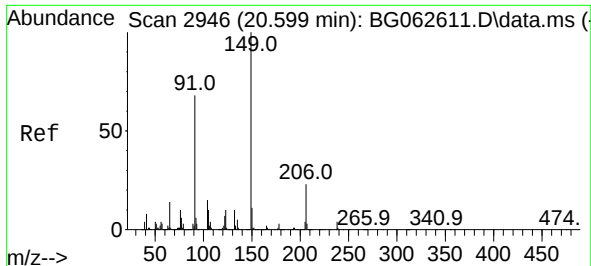
Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

122 8.2 7.2 10.8





#80

Butylbenzylphthalate

Concen: 3.099 ng

RT: 20.600 min Scan# 2946

Delta R.T. 0.000 min

Lab File: BG062663.D

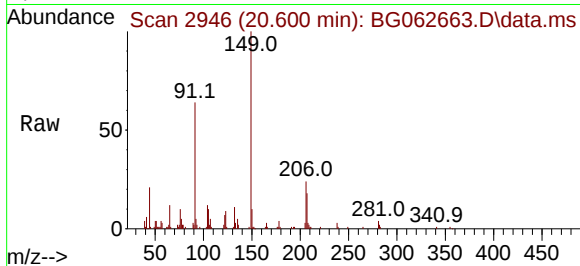
Acq: 5 Sep 2024 12:30

Instrument :

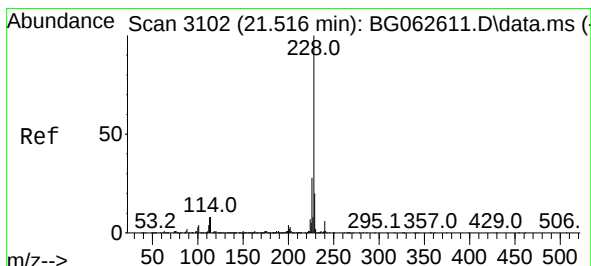
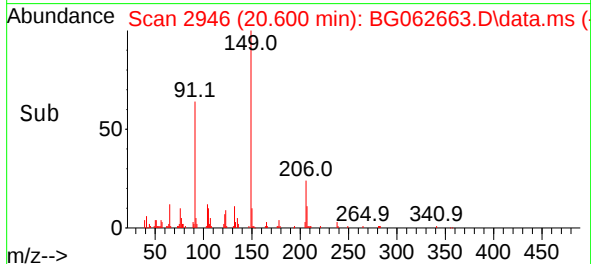
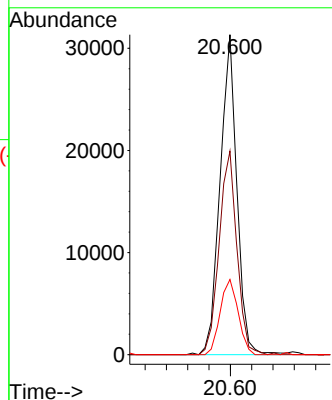
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	149	Resp:	34234
Ion Ratio	Lower	Upper	
149	100		
91	63.6	54.6	81.8
206	23.5	18.4	27.6



#81

Benzo(a)anthracene

Concen: 3.815 ng

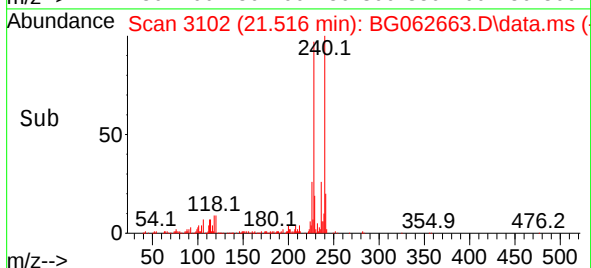
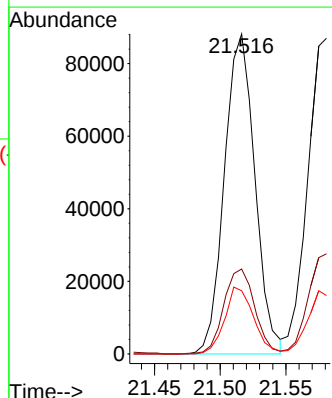
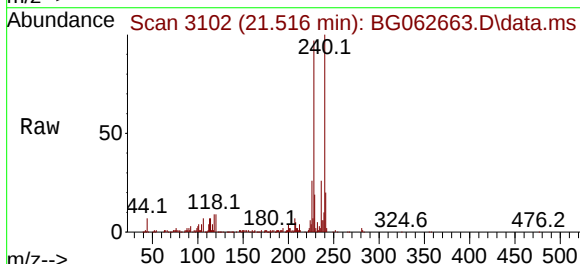
RT: 21.516 min Scan# 3102

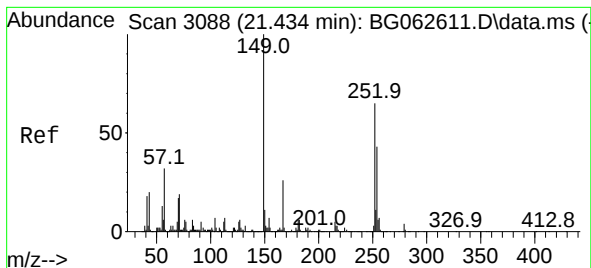
Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Tgt Ion:	228	Resp:	142348
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.3	33.5
229	19.8	16.2	24.2





#82

3,3'-Dichlorobenzidine

Concen: 3.769 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

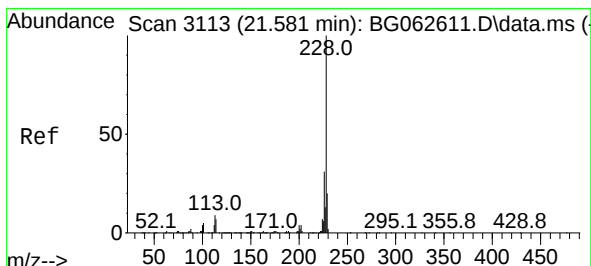
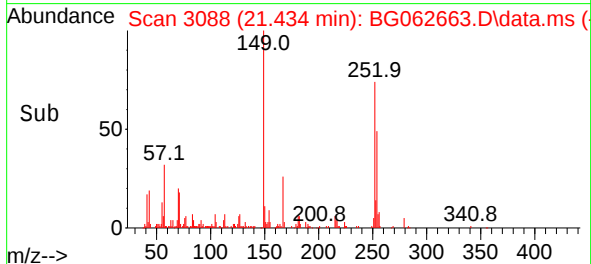
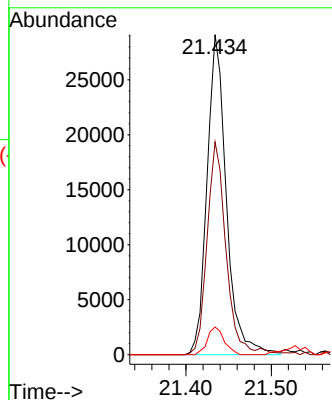
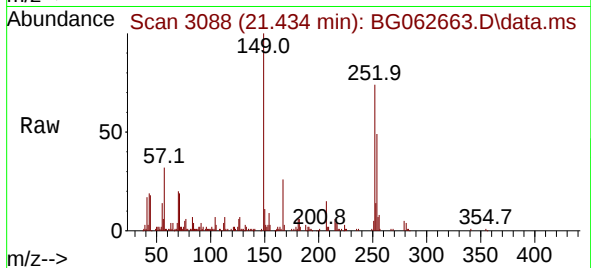
Tgt Ion:252 Resp: 45817

Ion Ratio Lower Upper

252 100

254 66.4 52.2 78.2

126 8.7 6.7 10.1



#83

Chrysene

Concen: 3.906 ng

RT: 21.581 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

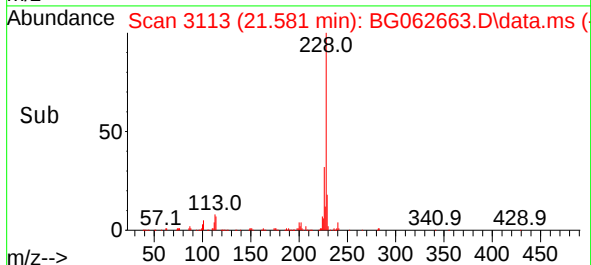
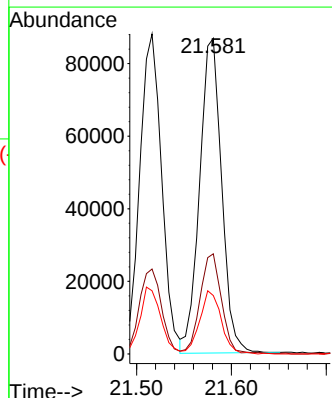
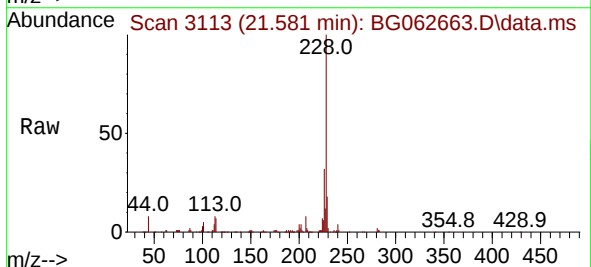
Tgt Ion:228 Resp: 139616

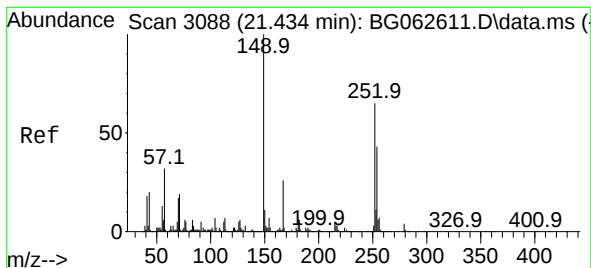
Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

229 18.5 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.128 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

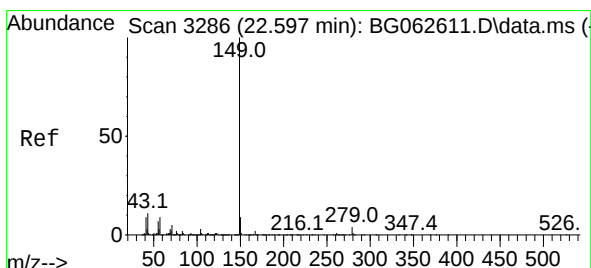
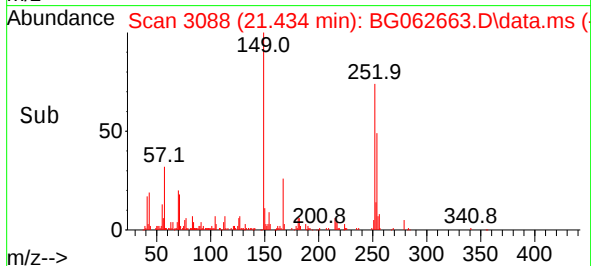
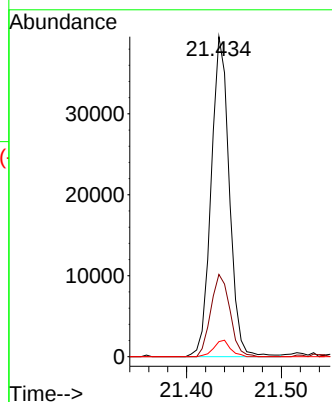
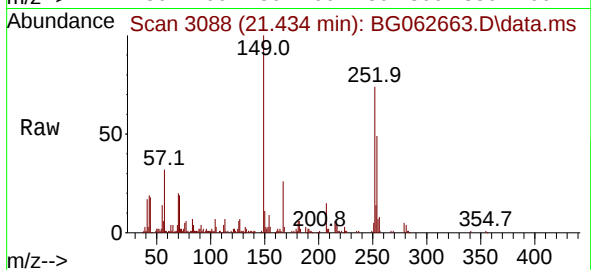
Tgt Ion:149 Resp: 52493

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

279 4.7 3.1 4.7#



#85

Di-n-octyl phthalate

Concen: 3.037 ng

RT: 22.597 min Scan# 3286

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

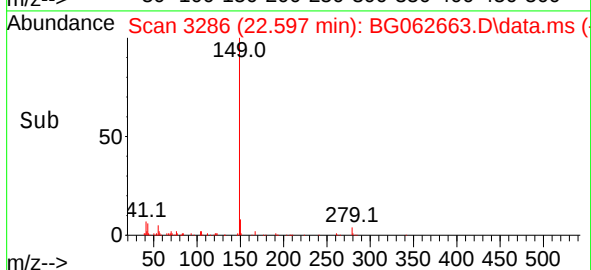
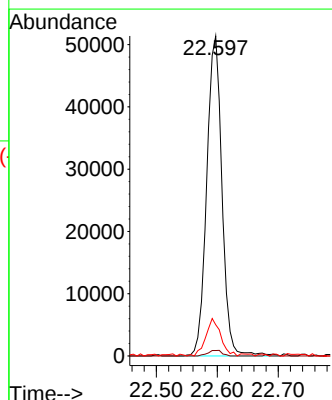
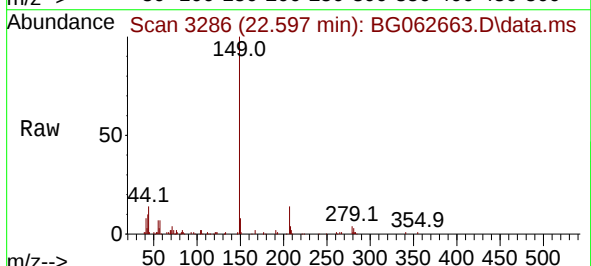
Tgt Ion:149 Resp: 89246

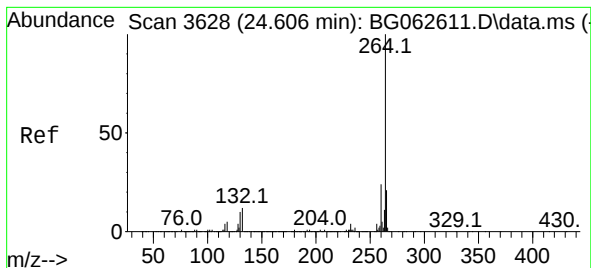
Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.4 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.607 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

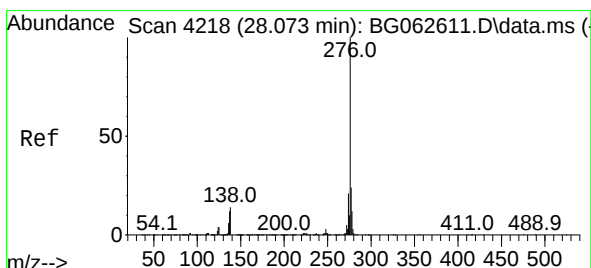
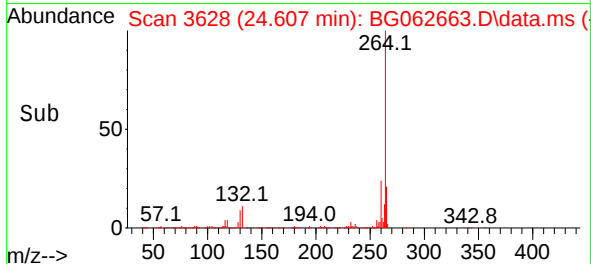
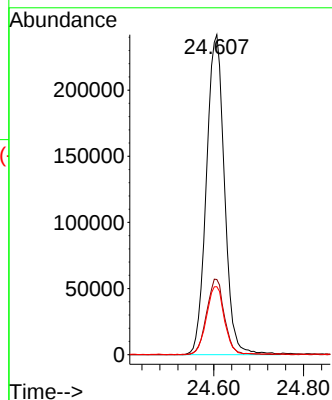
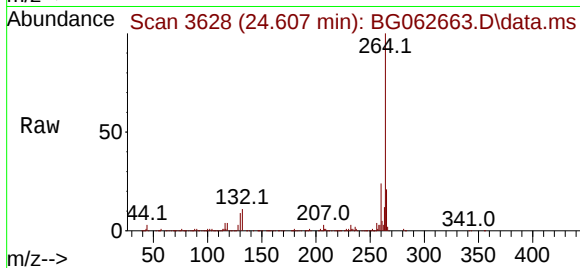
Tgt Ion:264 Resp: 674766

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.2 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.712 ng

RT: 28.056 min Scan# 4215

Delta R.T. -0.017 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

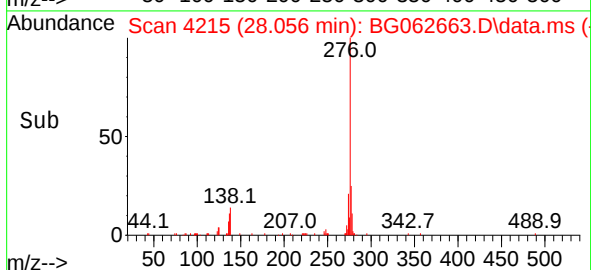
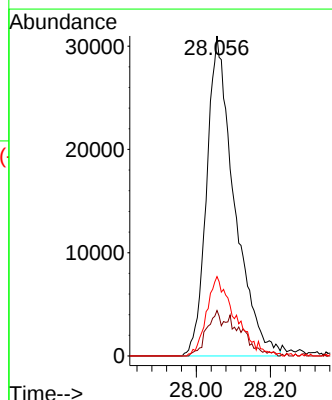
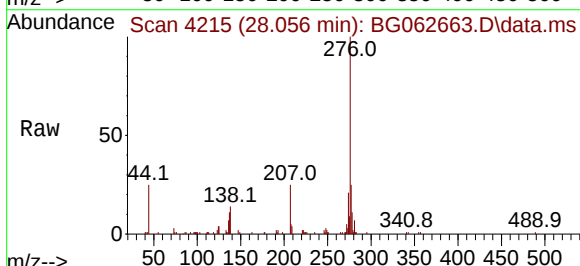
Tgt Ion:276 Resp: 160623

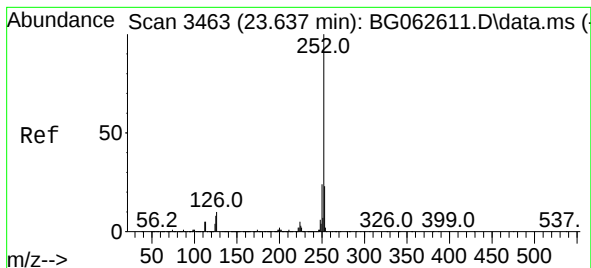
Ion Ratio Lower Upper

276 100

138 8.7 14.9 22.3#

277 24.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 3.574 ng

RT: 23.631 min Scan# 3462

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

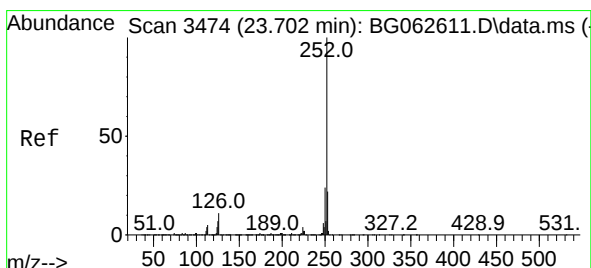
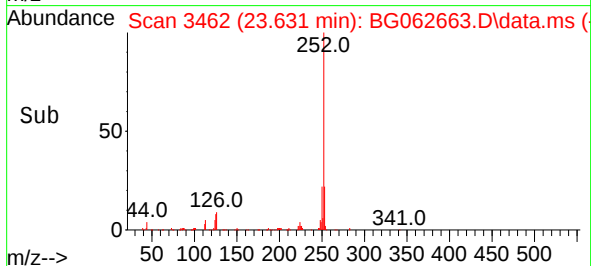
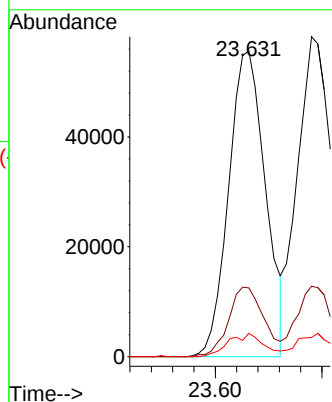
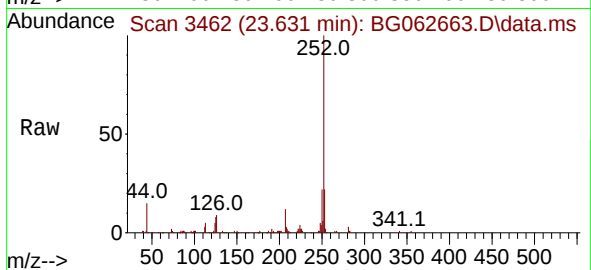
Tgt Ion:252 Resp: 133191

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 7.6 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 3.653 ng

RT: 23.631 min Scan# 3462

Delta R.T. -0.070 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

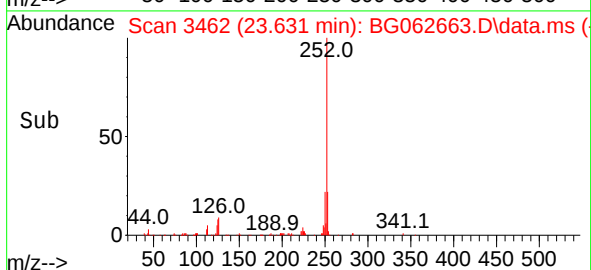
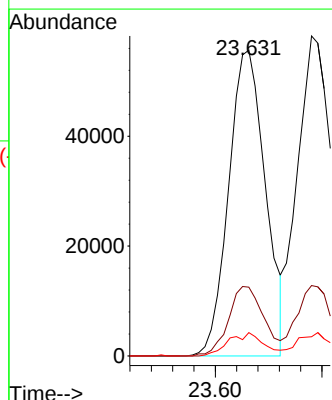
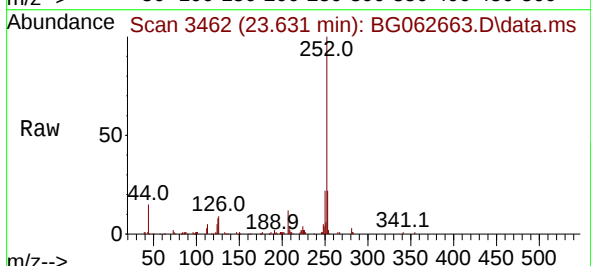
Tgt Ion:252 Resp: 133191

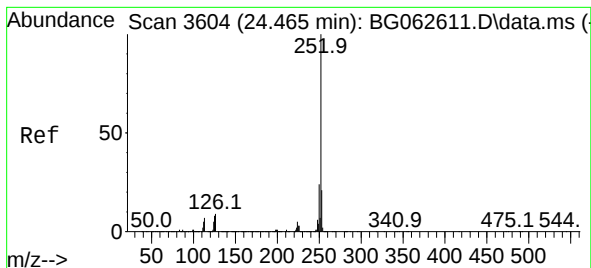
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 7.6 6.1 9.1





#90

Benzo(a)pyrene

Concen: 3.706 ng

RT: 24.460 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2024

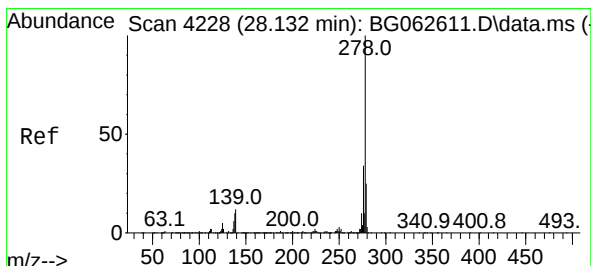
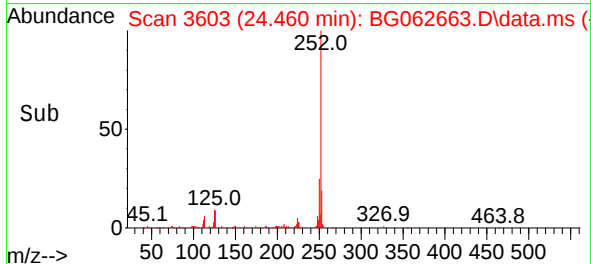
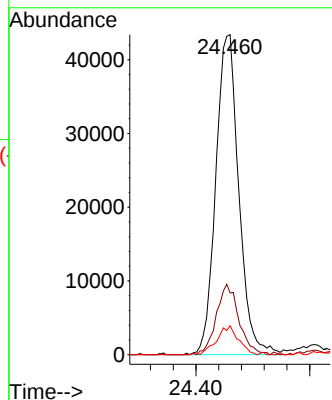
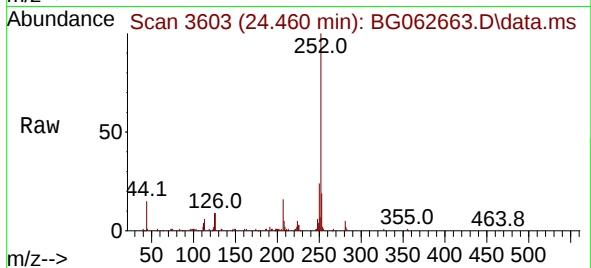
Tgt Ion:252 Resp: 122027

Ion Ratio Lower Upper

252 100

253 19.3 17.1 25.7

125 9.0 6.6 10.0



#91

Dibenzo(a,h)anthracene

Concen: 3.714 ng

RT: 28.120 min Scan# 4226

Delta R.T. -0.011 min

Lab File: BG062663.D

Acq: 5 Sep 2024 12:30

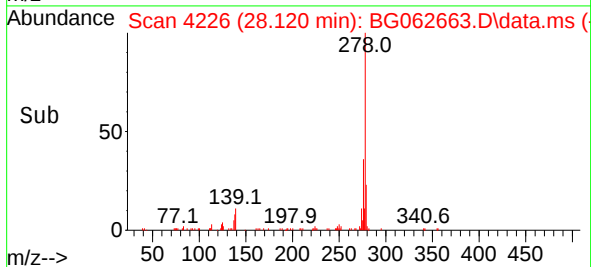
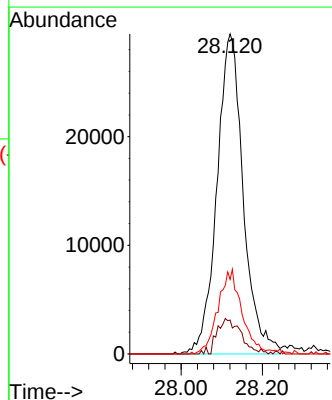
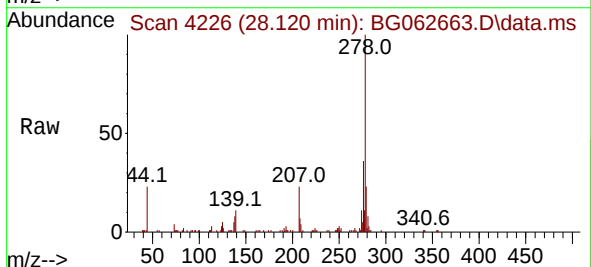
Tgt Ion:278 Resp: 132377

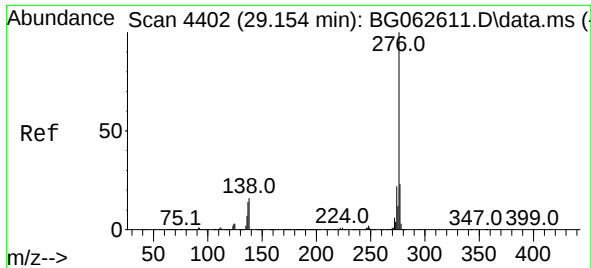
Ion Ratio Lower Upper

278 100

139 10.6 9.2 13.8

279 23.3 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 3.496 ng
RT: 29.143 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG062663.D
Acq: 5 Sep 2024 12:30

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:276 Resp: 125632
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 13.4 12.7 19.1

