

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062667.D
 Acq On : 5 Sep 2024 15:10
 Operator : MA/JU
 Sample : P2403-09
 Misc : MDL-WATER-4 ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 05 16:13:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	53402	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	215385	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	174723	20.000	ng	0.00
64) Phenanthrene-d10	17.284	188	497380	20.000	ng	0.00
76) Chrysene-d12	21.532	240	585851	20.000	ng	0.00
86) Perylene-d12	24.599	264	664596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	358924	116.178	ng	0.00
7) Phenol-d6	7.084	99	489410	109.656	ng	0.00
23) Nitrobenzene-d5	9.070	82	333632	83.424	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	336265	136.754	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	870449	80.696	ng	0.00
79) Terphenyl-d14	19.904	244	2058710	69.678	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.412	88	5451	4.235	ng	97
3) Pyridine	3.811	79	13316	3.591	ng	# 80
4) n-Nitrosodimethylamine	3.717	42	6969	3.866	ng	# 76
6) Aniline	7.243	93	17717	4.249	ng	# 89
8) 2-Chlorophenol	7.489	128	12060	3.636	ng	98
9) Benzaldehyde	7.066	77	13070	5.034	ng	94
10) Phenol	7.113	94	16029	3.548	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	12760	3.689	ng	98
12) 1,3-Dichlorobenzene	7.812	146	14374	3.949	ng	97
13) 1,4-Dichlorobenzene	7.953	146	14370	3.836	ng	92
14) 1,2-Dichlorobenzene	8.271	146	13403	3.640	ng	99
15) Benzyl Alcohol	8.159	79	11000	3.331	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.435	45	23586	3.577	ng	97
17) 2-Methylphenol	8.359	107	10342	3.284	ng	92
18) Hexachloroethane	9.005	117	4832	3.440	ng	# 84
19) n-Nitroso-di-n-propyla...	8.717	70	10843	3.083	ng	96
20) 3+4-Methylphenols	8.682	107	13977	3.008	ng	93
22) Acetophenone	8.735	105	20765	3.574	ng	# 92
24) Nitrobenzene	9.117	77	15794	3.714	ng	# 94
25) Isophorone	9.634	82	31141	3.547	ng	99
26) 2-Nitrophenol	9.828	139	5565	3.464	ng	# 84
27) 2,4-Dimethylphenol	9.886	122	8247	3.503	ng	# 87
28) bis(2-Chloroethoxy)met...	10.122	93	17226	3.665	ng	97
29) 2,4-Dichlorophenol	10.362	162	11959	3.633	ng	95
30) 1,2,4-Trichlorobenzene	10.574	180	15314	3.925	ng	# 91
31) Naphthalene	10.762	128	42308	3.963	ng	97
33) 4-Chloroaniline	10.868	127	15768	3.753	ng	90
34) Hexachlorobutadiene	11.050	225	10344	3.796	ng	98
35) Caprolactam	11.608	113	4315	3.400	ng	# 90
36) 4-Chloro-3-methylphenol	11.990	107	12530	3.156	ng	# 94
37) 2-Methylnaphthalene	12.372	142	30126	3.638	ng	95
38) 1-Methylnaphthalene	12.589	142	29944	3.601	ng	92
40) 1,2,4,5-Tetrachloroben...	12.736	216	21348	4.063	ng	96
41) Hexachlorocyclopentadiene	12.718	237	4995	3.332	ng	97
43) 2,4,6-Trichlorophenol	12.977	196	12157	3.650	ng	97
44) 2,4,5-Trichlorophenol	13.048	196	13088	3.470	ng	# 92

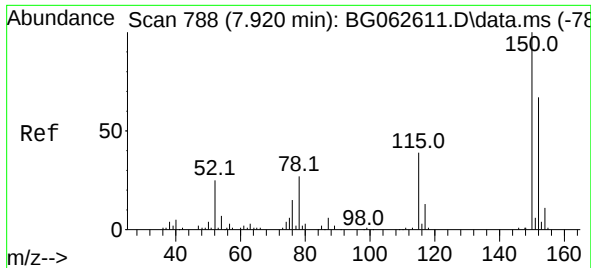
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.377	154	46770	4.012	ng	97
47) 2-Chloronaphthalene	13.418	162	35609	3.769	ng	97
48) 2-Nitroaniline	13.623	65	8962	3.607	ng	87
49) Acenaphthylene	14.264	152	56713	4.054	ng	99
50) Dimethylphthalate	13.993	163	48982	3.834	ng	# 99
51) 2,6-Dinitrotoluene	14.111	165	8503	3.519	ng	# 91
52) Acenaphthene	14.610	154	33350	3.813	ng	96
53) 3-Nitroaniline	14.440	138	9079	3.883	ng	86
54) 2,4-Dinitrophenol	14.657	184	2490	1.836	ng	# 85
55) Dibenzofuran	14.939	168	59992	4.000	ng	100
56) 4-Nitrophenol	14.757	139	6268	3.163	ng	87
57) 2,4-Dinitrotoluene	14.898	165	11641	3.531	ng	# 97
58) Fluorene	15.592	166	47512	4.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	14531	4.066	ng	# 92
60) Diethylphthalate	15.357	149	48270	3.812	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	27709	4.101	ng	95
62) 4-Nitroaniline	15.597	138	9564	3.709	ng	97
63) Azobenzene	15.874	77	44336	3.729	ng	96
65) 4,6-Dinitro-2-methylph...	15.668	198	5928	2.671	ng	83
66) n-Nitrosodiphenylamine	15.797	169	40725	3.406	ng	97
67) 4-Bromophenyl-phenylether	16.479	248	18578	3.619	ng	93
68) Hexachlorobenzene	16.596	284	23756	3.908	ng	94
69) Atrazine	16.743	200	19669	4.843	ng	94
70) Pentachlorophenol	16.937	266	7532	1.934	ng	# 87
71) Phenanthrene	17.325	178	92237	3.973	ng	98
72) Anthracene	17.419	178	89550	3.923	ng	99
73) Carbazole	17.689	167	82362	3.925	ng	98
74) Di-n-butylphthalate	18.253	149	88089	3.722	ng	100
75) Fluoranthene	19.340	202	122398	4.169	ng	96
77) Benzidine	19.522	184	47911	4.537	ng	98
78) Pyrene	19.704	202	133570	3.587	ng	95
80) Butylbenzylphthalate	20.597	149	34646	3.167	ng	95
81) Benzo(a)anthracene	21.514	228	143355	3.880	ng	97
82) 3,3'-Dichlorobenzidine	21.432	252	46407	3.855	ng	96
83) Chrysene	21.573	228	140970	3.983	ng	98
84) Bis(2-ethylhexyl)phtha...	21.432	149	53553	3.223	ng	96
85) Di-n-octyl phthalate	22.595	149	88111	3.028	ng	99
87) Indeno(1,2,3-cd)pyrene	28.053	276	161082	3.780	ng	98
88) Benzo(b)fluoranthene	23.629	252	132303	3.604	ng	99
89) Benzo(k)fluoranthene	23.694	252	138489	3.857	ng	97
90) Benzo(a)pyrene	24.446	252	122053	3.764	ng	98
91) Dibenzo(a,h)anthracene	28.106	278	131114	3.735	ng	# 95
92) Benzo(g,h,i)perylene	29.129	276	126081	3.562	ng	97

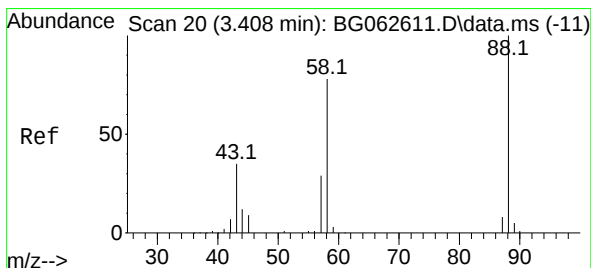
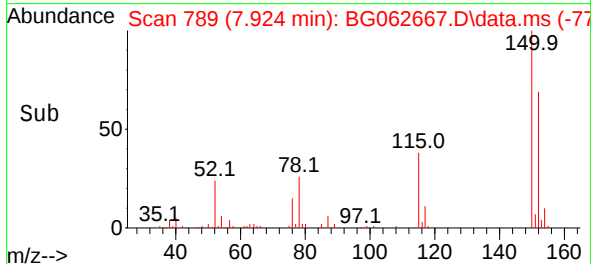
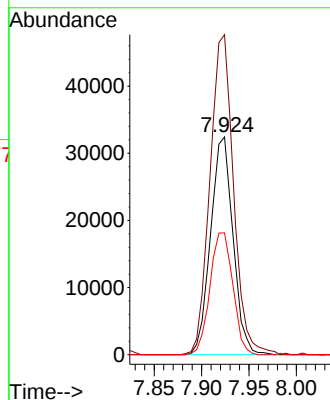
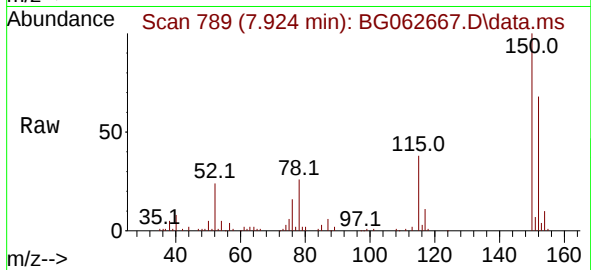
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

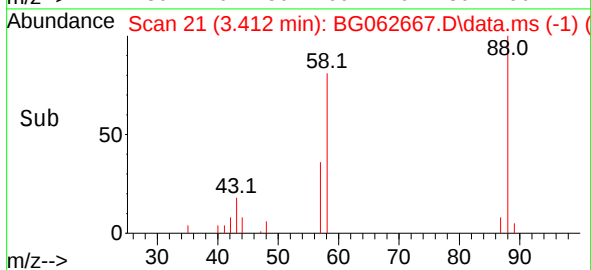
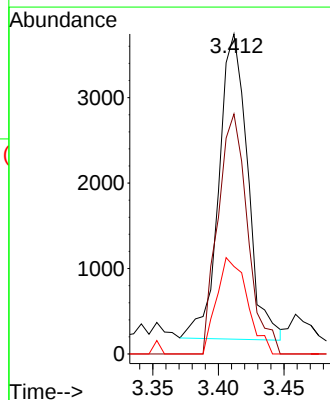
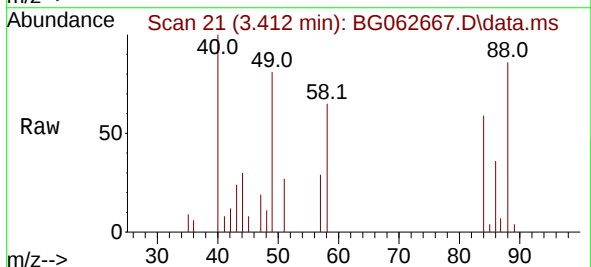
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

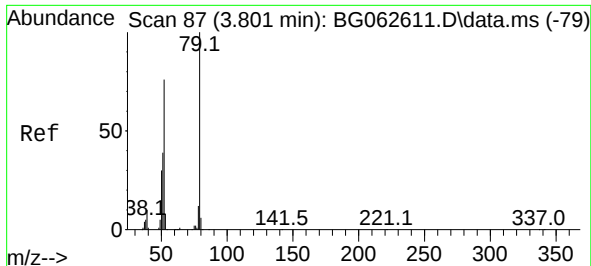
Tgt Ion:152 Resp: 53402
Ion Ratio Lower Upper
152 100
150 147.0 119.9 179.9
115 55.9 46.6 69.8



#2
1,4-Dioxane
Concen: 4.235 ng
RT: 3.412 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion: 88 Resp: 5451
Ion Ratio Lower Upper
88 100
58 81.2 62.3 93.5
43 33.6 27.5 41.3





#3

Pyridine

Concen: 3.591 ng

RT: 3.811 min Scan# 80

Delta R.T. 0.010 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

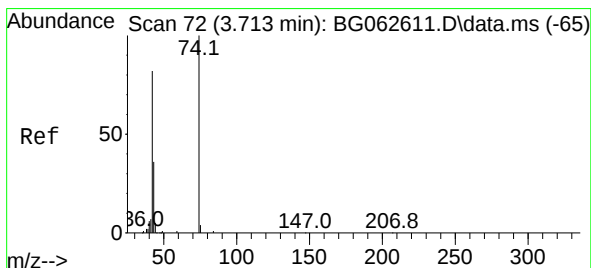
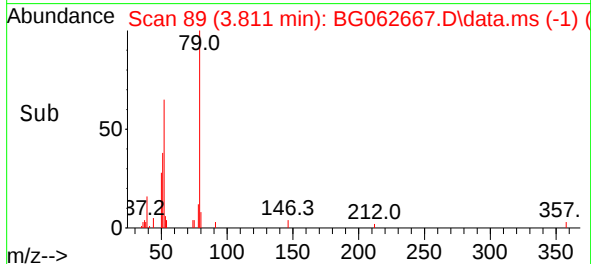
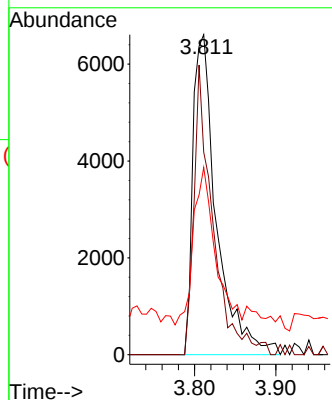
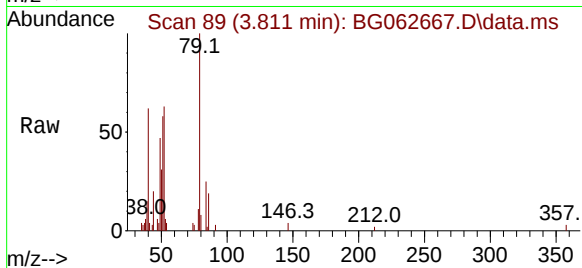
Tgt Ion: 79 Resp: 13316

Ion Ratio Lower Upper

79 100

52 63.3 60.9 91.3

51 58.5 31.5 47.3#



#4

n-Nitrosodimethylamine

Concen: 3.866 ng

RT: 3.717 min Scan# 73

Delta R.T. 0.004 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

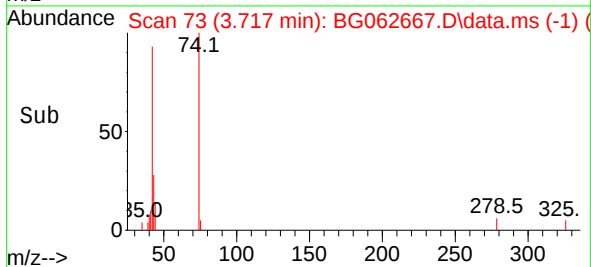
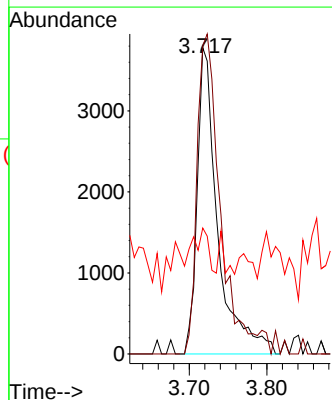
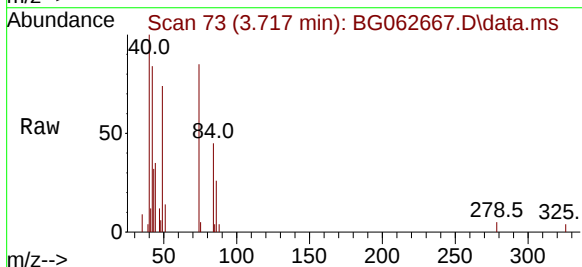
Tgt Ion: 42 Resp: 6969

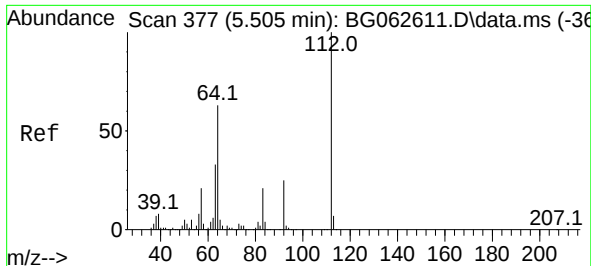
Ion Ratio Lower Upper

42 100

74 100.6 98.0 147.0

44 41.1 7.4 11.2#

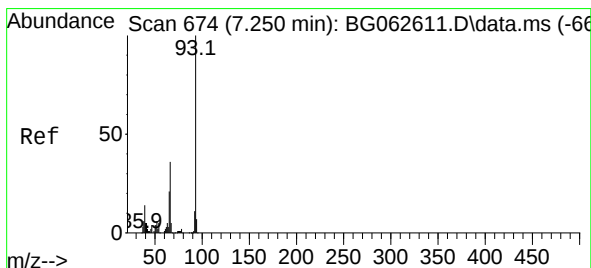
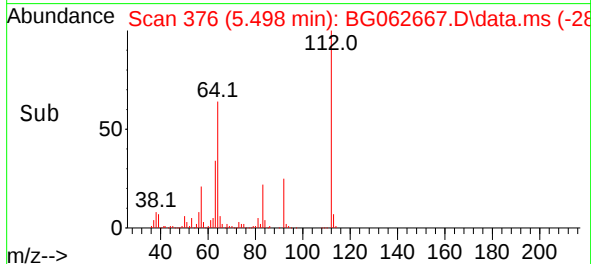
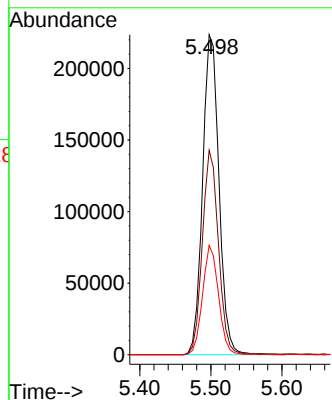
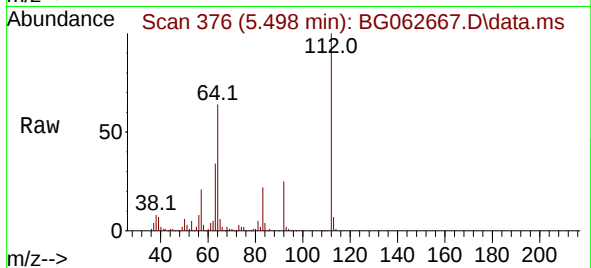




#5
2-Fluorophenol
Concen: 116.178 ng
RT: 5.498 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

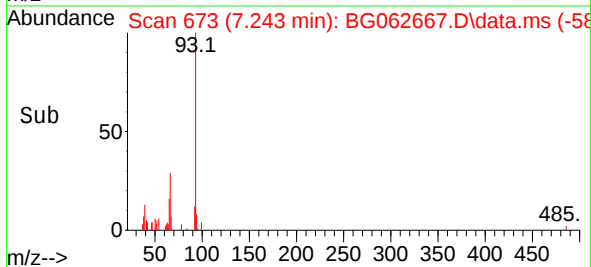
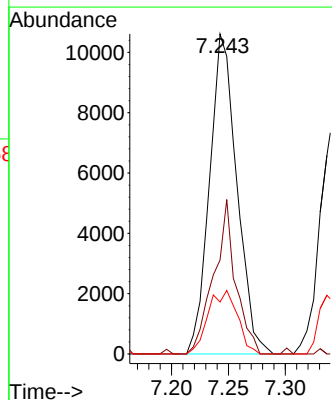
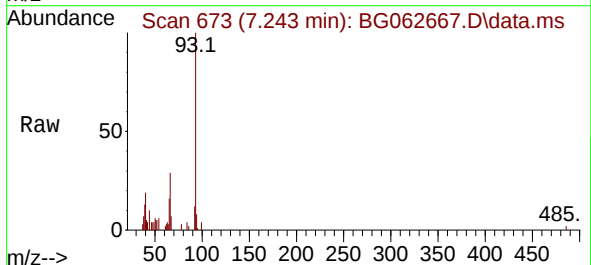
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

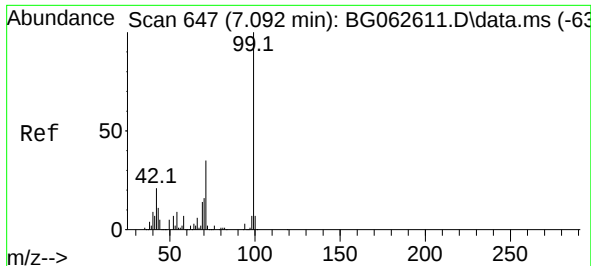
Tgt Ion:112 Resp: 358924
Ion Ratio Lower Upper
112 100
64 63.9 50.2 75.2
63 34.2 26.6 39.8



#6
Aniline
Concen: 4.249 ng
RT: 7.243 min Scan# 673
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion: 93 Resp: 17717
Ion Ratio Lower Upper
93 100
66 29.3 29.1 43.7
65 16.3 16.6 25.0#

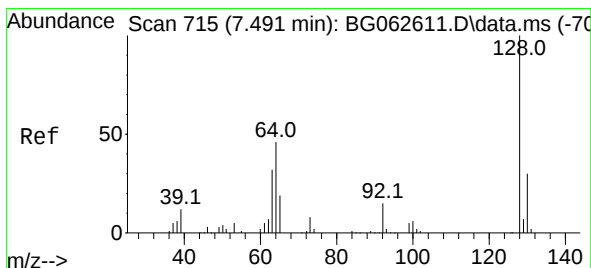
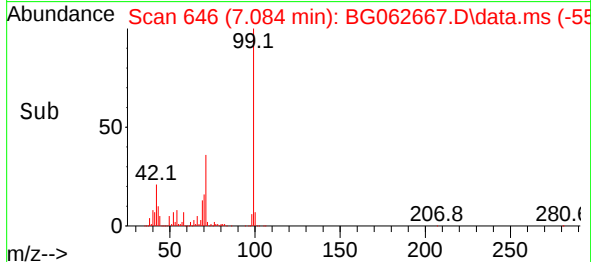
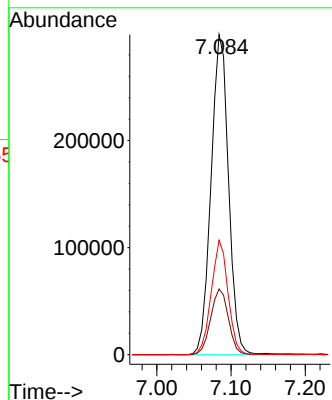
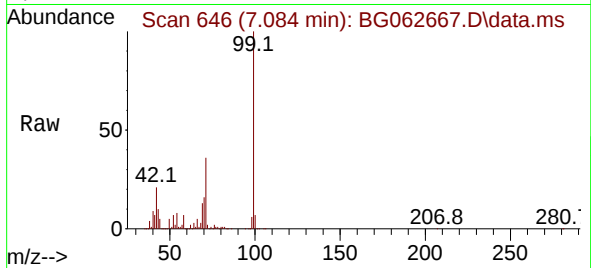




#7
Phenol-d6
Concen: 109.656 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

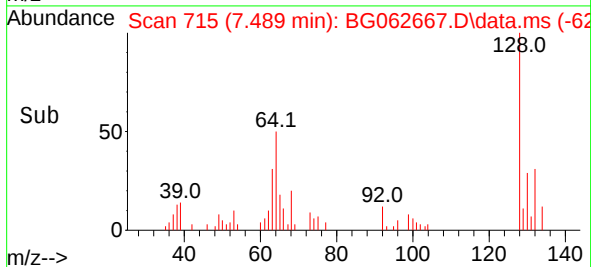
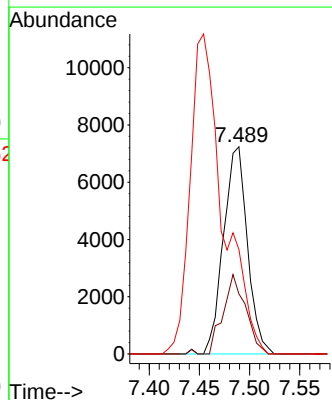
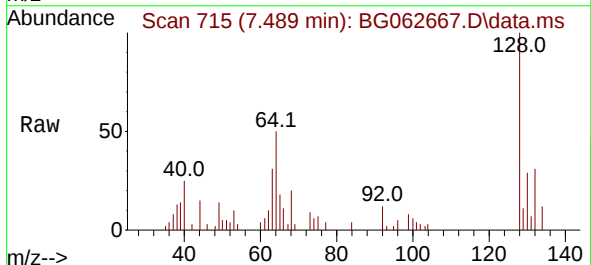
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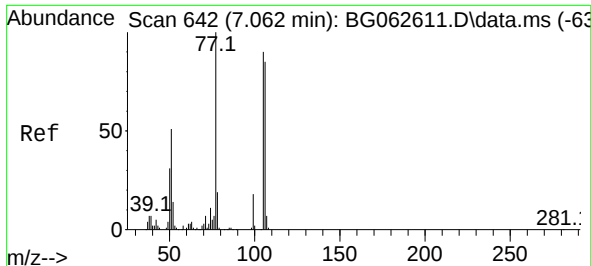
Tgt Ion: 99 Resp: 489410
Ion Ratio Lower Upper
99 100
42 20.6 16.9 25.3
71 35.8 27.9 41.9



#8
2-Chlorophenol
Concen: 3.636 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion: 128 Resp: 12060
Ion Ratio Lower Upper
128 100
130 29.0 10.0 50.0
64 50.4 28.8 68.8





#9

Benzaldehyde

Concen: 5.034 ng

RT: 7.066 min Scan# 642

Delta R.T. 0.004 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

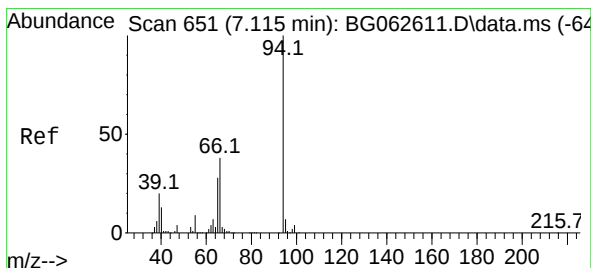
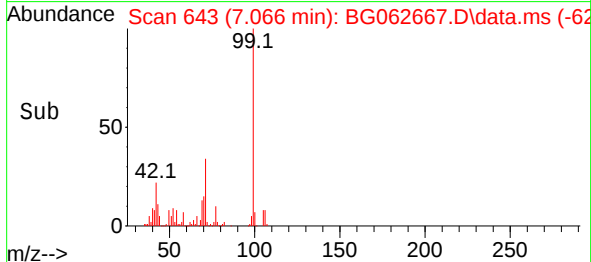
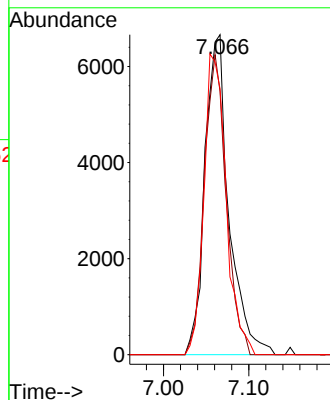
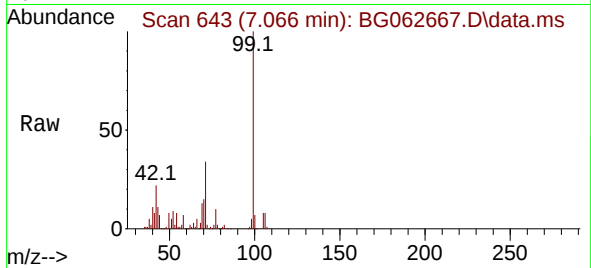
Tgt Ion: 77 Resp: 13070

Ion Ratio Lower Upper

77 100

105 82.2 70.2 110.2

106 83.1 65.4 105.4



#10

Phenol

Concen: 3.548 ng

RT: 7.113 min Scan# 651

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

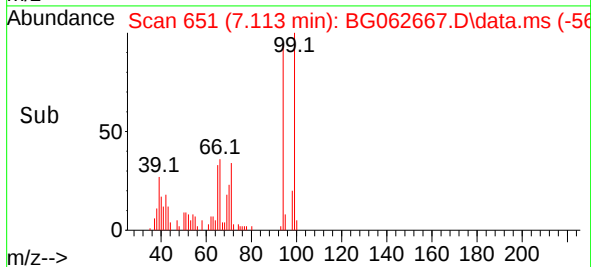
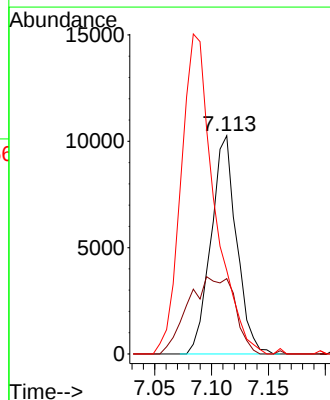
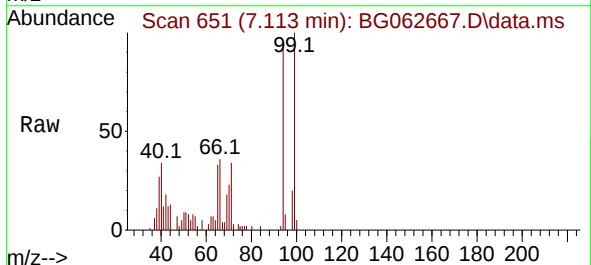
Tgt Ion: 94 Resp: 16029

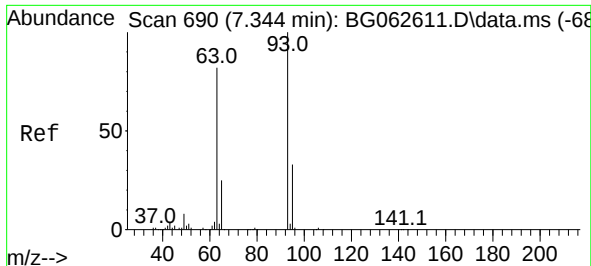
Ion Ratio Lower Upper

94 100

65 34.5 8.6 48.6

66 38.2 18.2 58.2

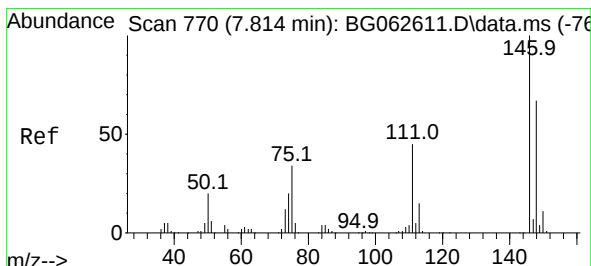
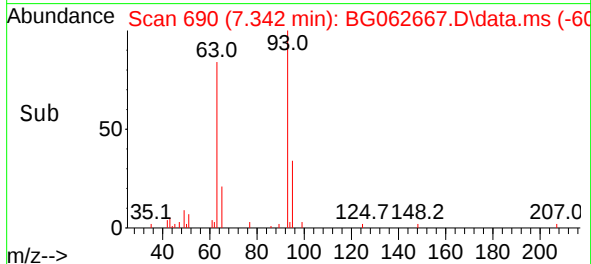
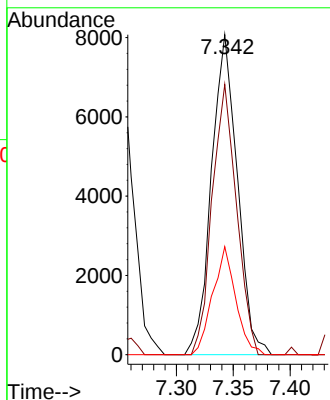
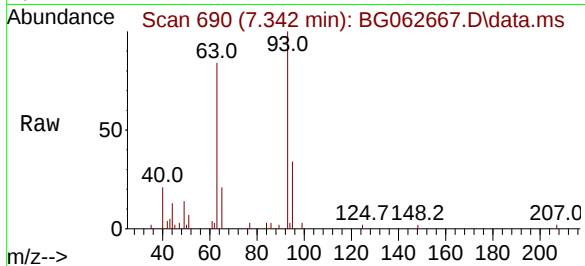




#11
bis(2-Chloroethyl)ether
Concen: 3.689 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

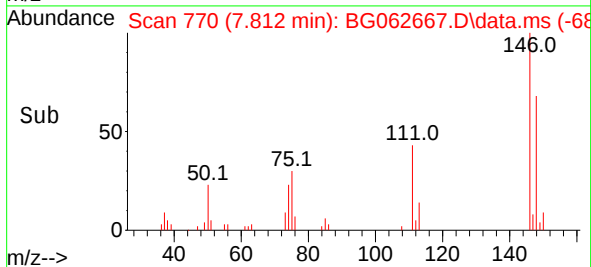
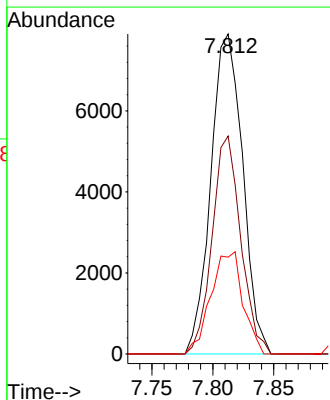
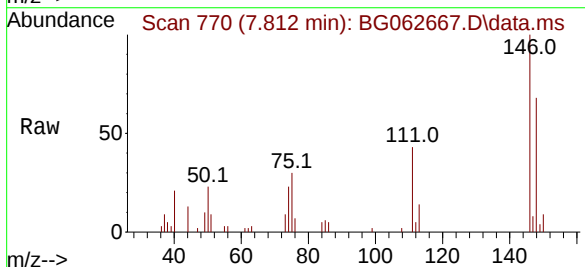
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2024

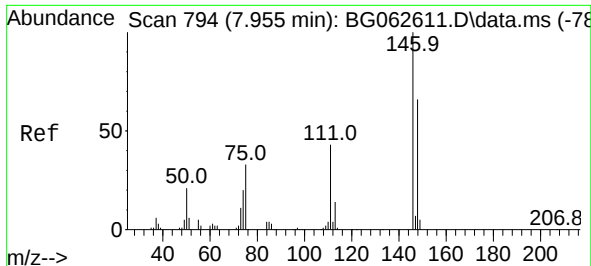
Tgt Ion:	93	Resp:	12760
Ion	Ratio	Lower	Upper
93	100		
63	84.4	61.9	101.9
95	33.8	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 3.949 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:	146	Resp:	14374
Ion	Ratio	Lower	Upper
146	100		
148	68.1	53.9	80.9
75	30.2	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 3.836 ng

RT: 7.953 min Scan# 794

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

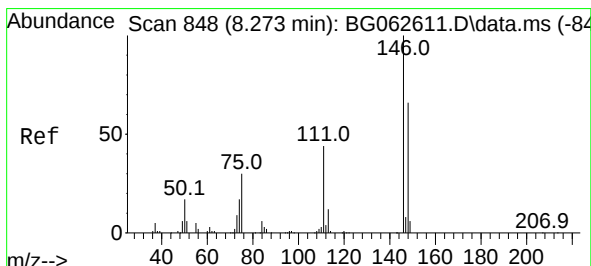
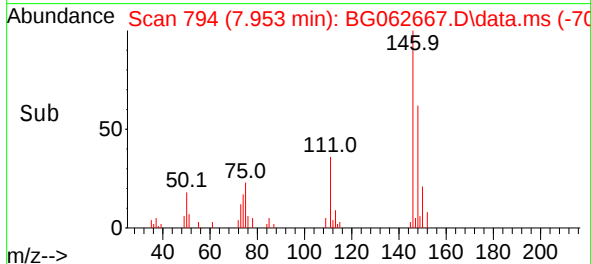
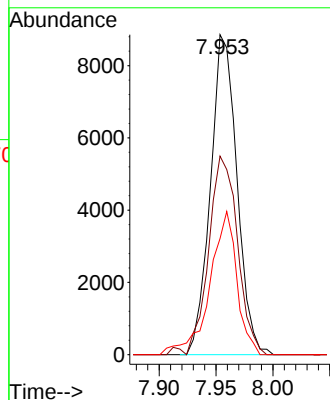
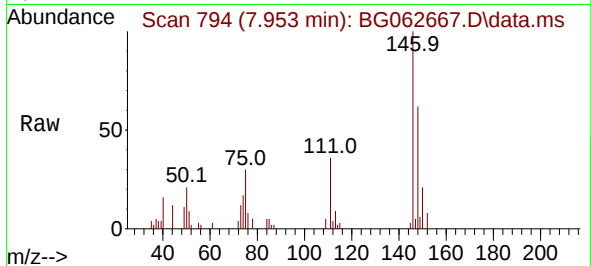
Tgt Ion:146 Resp: 14370

Ion Ratio Lower Upper

146 100

148 62.1 53.0 79.6

111 36.3 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 3.640 ng

RT: 8.271 min Scan# 848

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

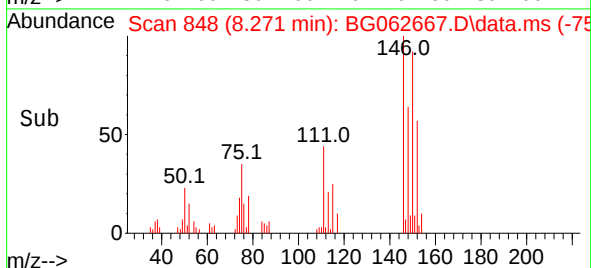
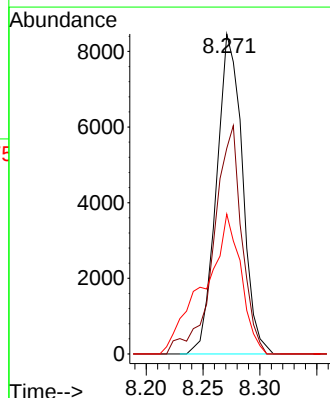
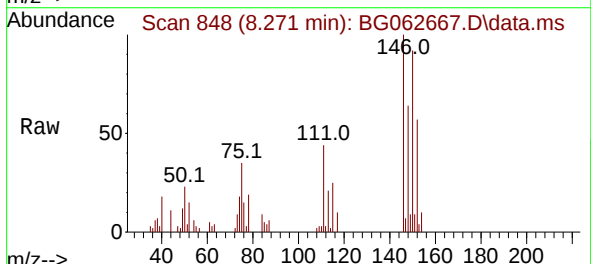
Tgt Ion:146 Resp: 13403

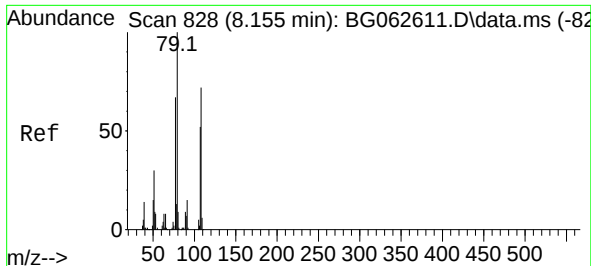
Ion Ratio Lower Upper

146 100

148 64.2 52.5 78.7

111 43.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 3.331 ng

RT: 8.159 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

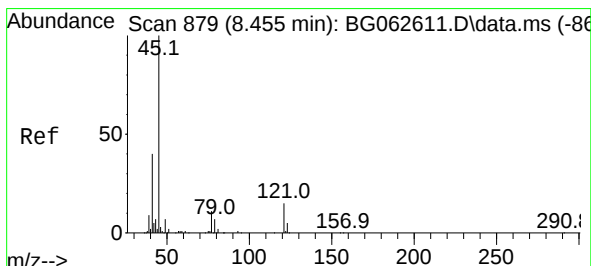
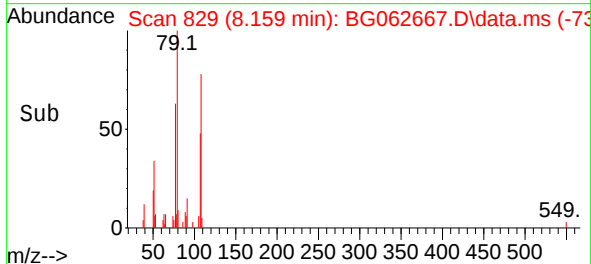
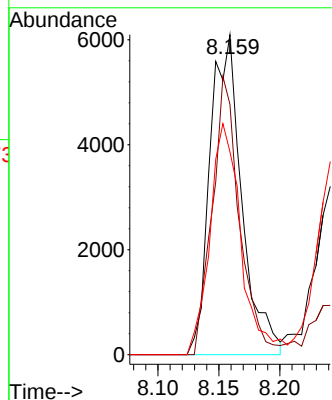
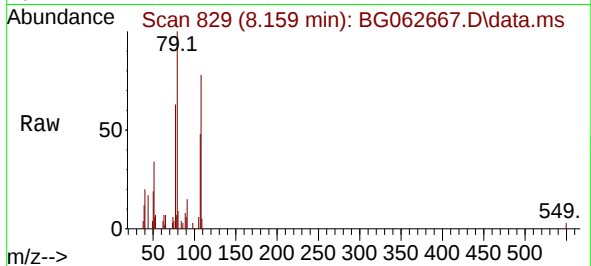
Tgt Ion: 79 Resp: 11000

Ion Ratio Lower Upper

79 100

108 78.2 57.9 86.9

77 63.4 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.577 ng

RT: 8.435 min Scan# 876

Delta R.T. -0.019 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

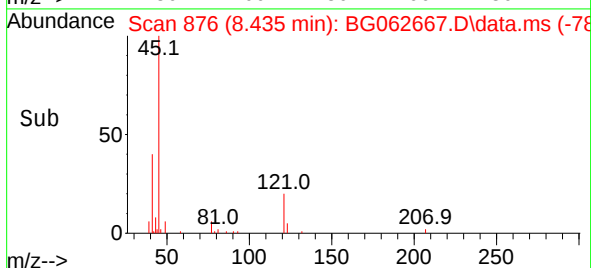
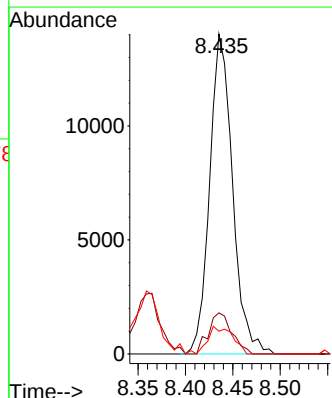
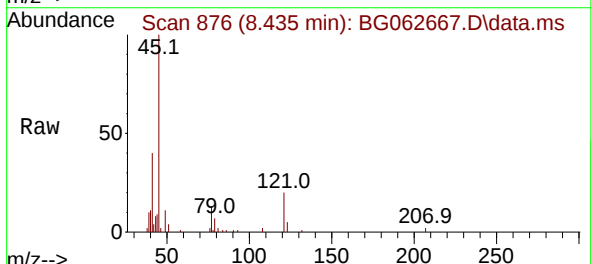
Tgt Ion: 45 Resp: 23586

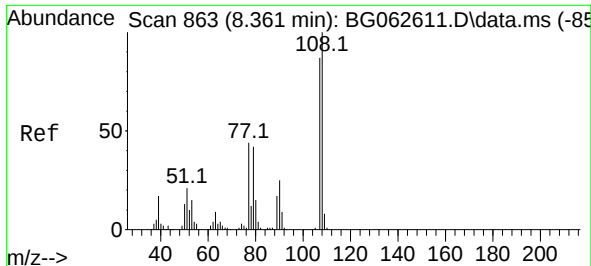
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.7

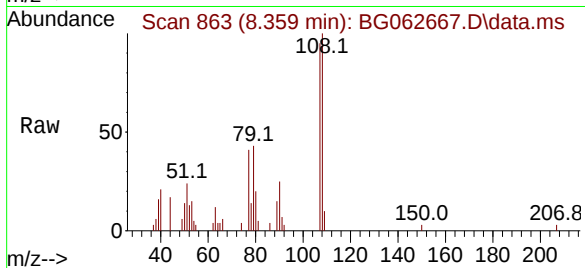
79 7.1 0.0 28.3



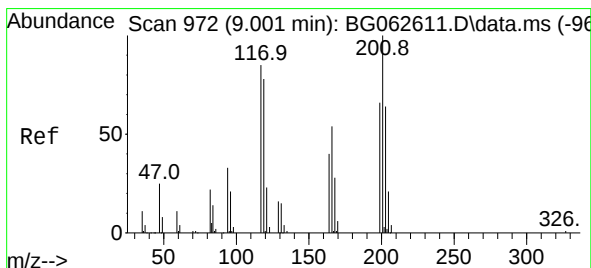
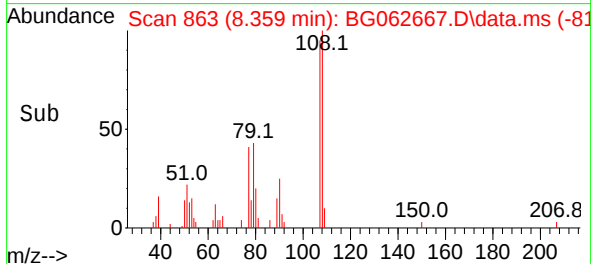
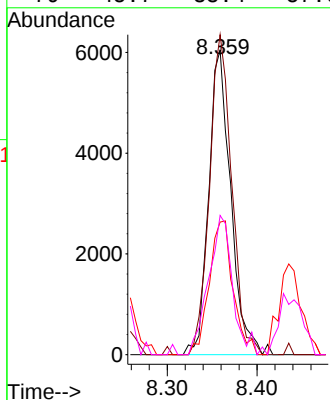


#17
2-Methylphenol
Concen: 3.284 ng
RT: 8.359 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

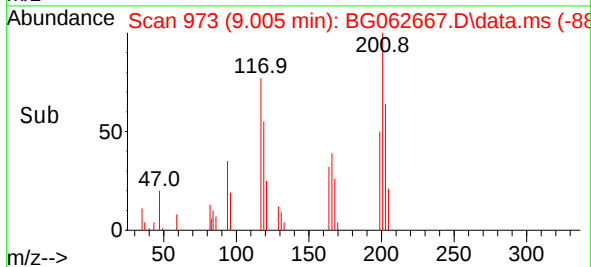
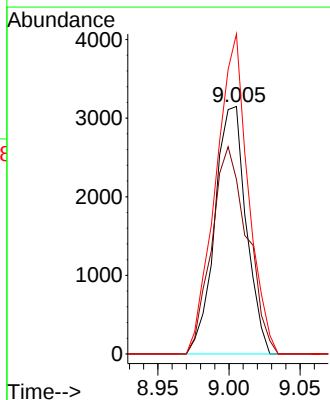
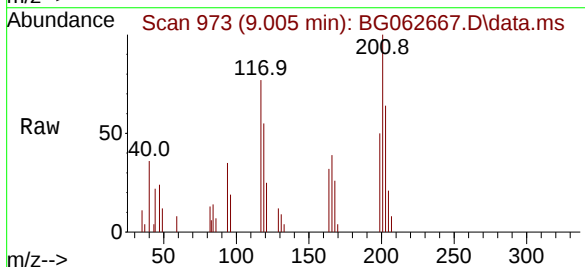


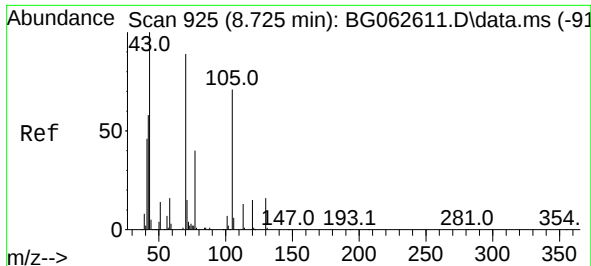
Tgt Ion:	107	Resp:	10342
Ion	Ratio	Lower	Upper
107	100		
108	105.0	91.5	137.3
77	43.6	40.0	60.0
79	45.7	38.4	57.6



#18
Hexachloroethane
Concen: 3.440 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:	117	Resp:	4832
Ion	Ratio	Lower	Upper
117	100		
119	70.6	73.4	110.0#
201	129.3	93.9	140.9

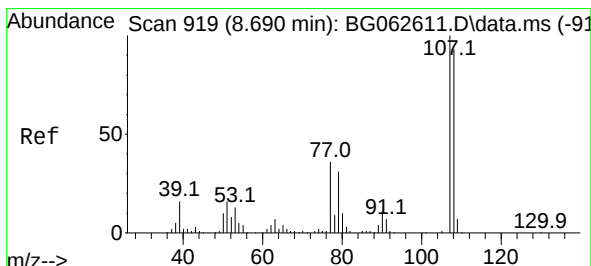
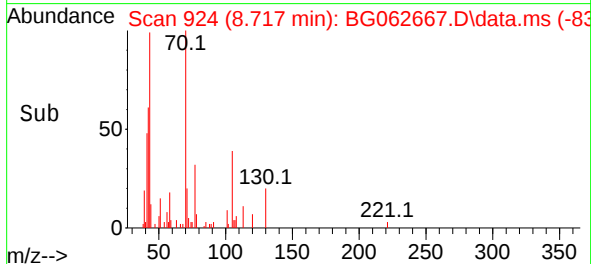
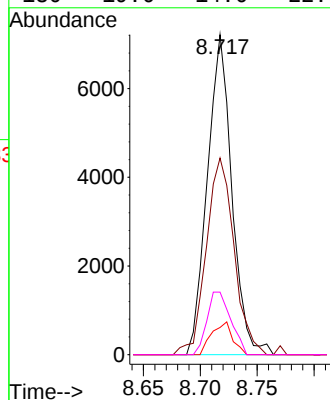
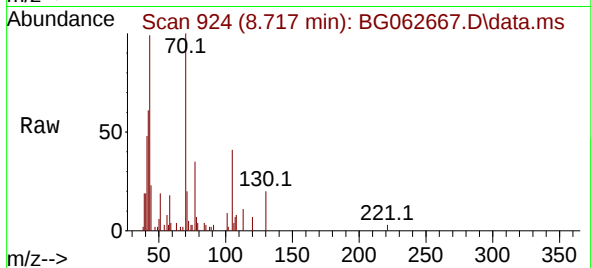




#19
n-Nitroso-di-n-propylamine
Concen: 3.083 ng
RT: 8.717 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

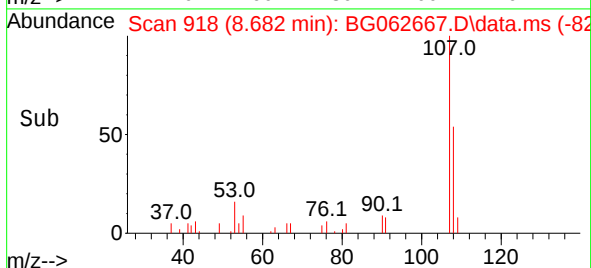
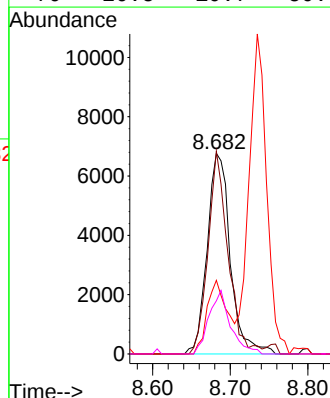
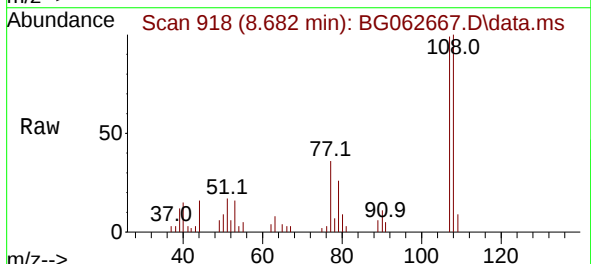
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

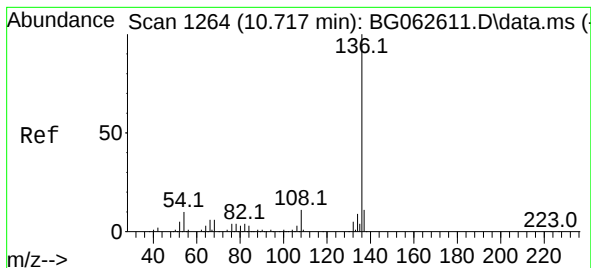
Tgt Ion: 70 Resp: 10843
Ion Ratio Lower Upper
70 100
42 61.5 52.3 78.5
101 8.5 6.6 9.8
130 19.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 3.008 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion: 107 Resp: 13977
Ion Ratio Lower Upper
107 100
108 101.0 72.7 112.7
77 36.7 16.5 56.5
79 26.5 10.7 50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.715 min Scan# 1264

Delta R.T. -0.002 min

Lab File: BG062667.D

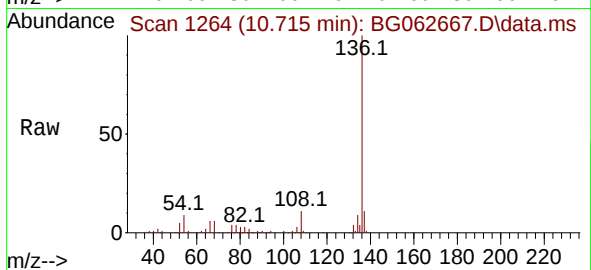
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:136 Resp: 215385

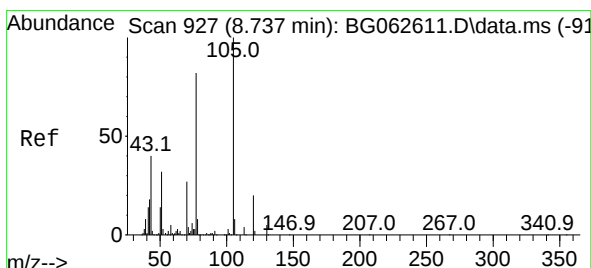
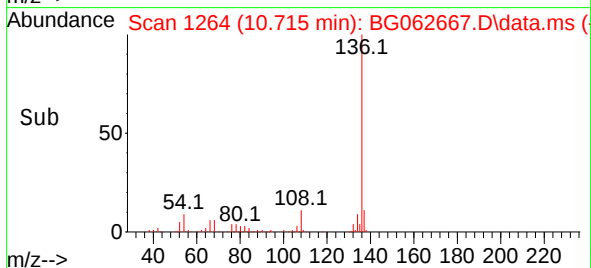
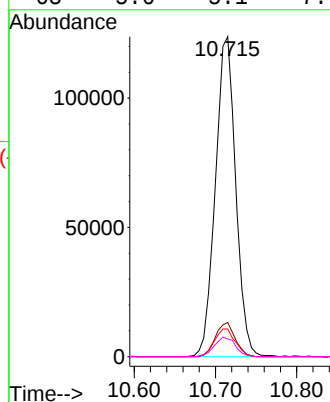
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.7 7.8 11.6

68 5.6 5.1 7.7



#22

Acetophenone

Concen: 3.574 ng

RT: 8.735 min Scan# 927

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:105 Resp: 20765

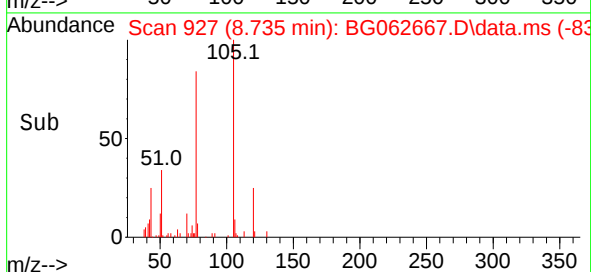
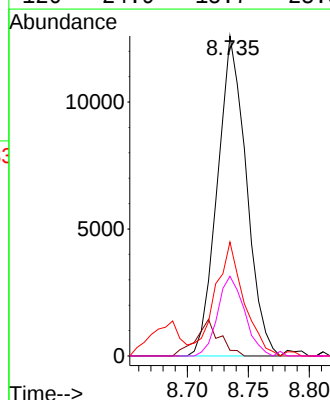
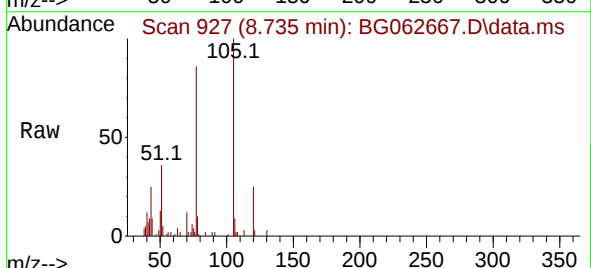
Ion Ratio Lower Upper

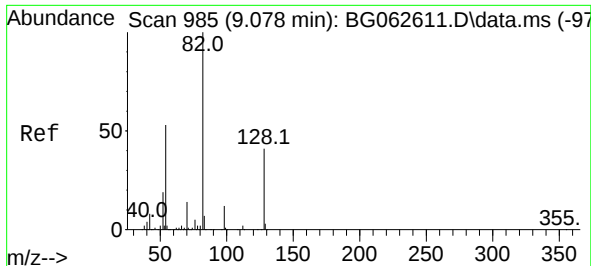
105 100

71 1.8 3.5 5.3#

51 35.6 25.7 38.5

120 24.9 15.7 23.5#





#23

Nitrobenzene-d5

Concen: 83.424 ng

RT: 9.070 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

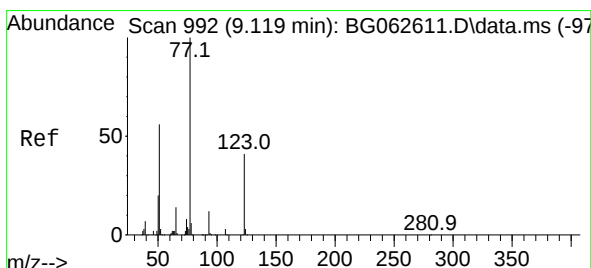
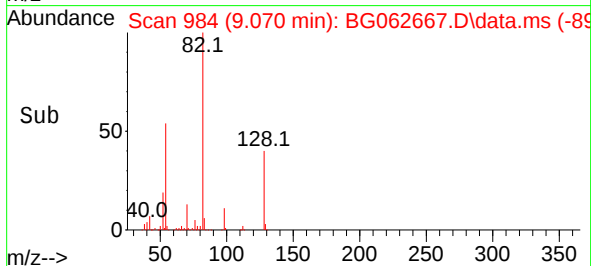
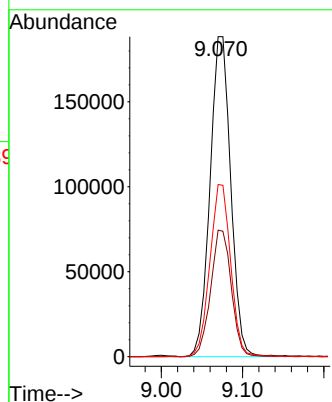
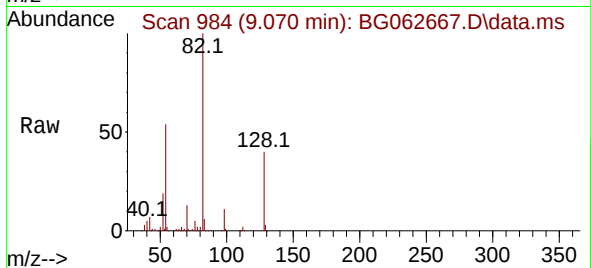
Tgt Ion: 82 Resp: 333632

Ion Ratio Lower Upper

82 100

128 39.6 32.5 48.7

54 53.8 42.5 63.7



#24

Nitrobenzene

Concen: 3.714 ng

RT: 9.117 min Scan# 992

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

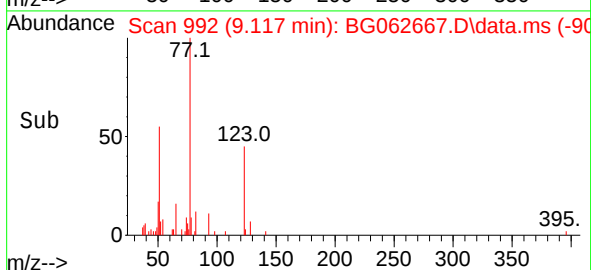
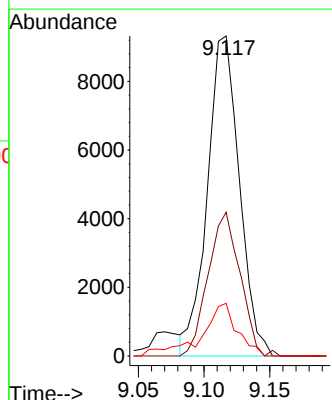
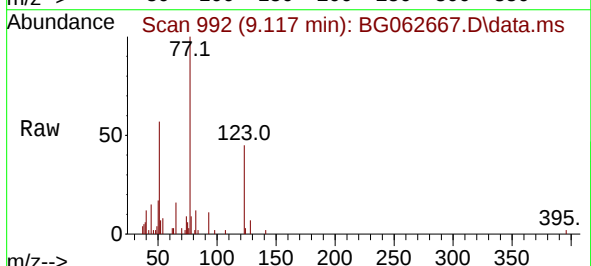
Tgt Ion: 77 Resp: 15794

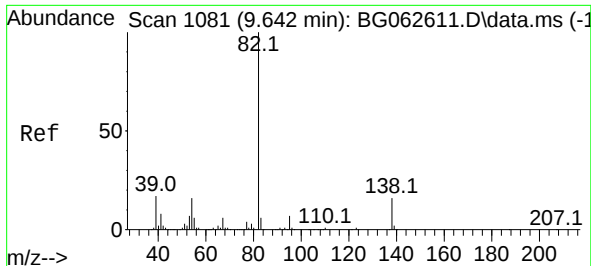
Ion Ratio Lower Upper

77 100

123 44.9 33.1 49.7

65 16.5 11.0 16.4#





#25

Isophorone

Concen: 3.547 ng

RT: 9.634 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

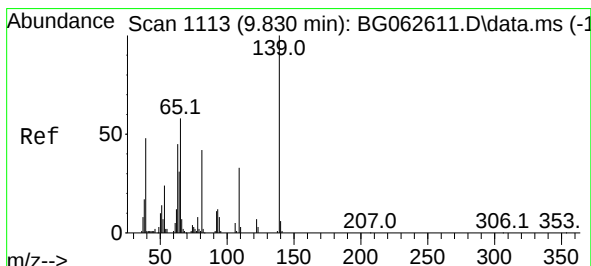
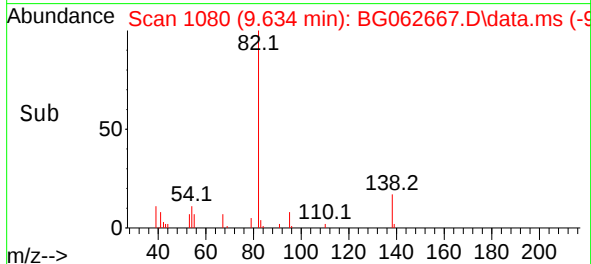
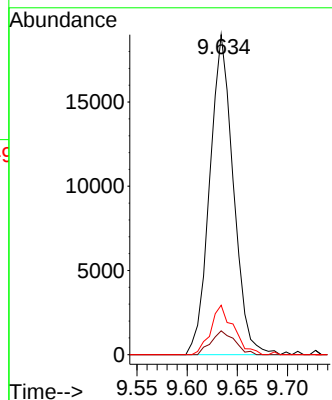
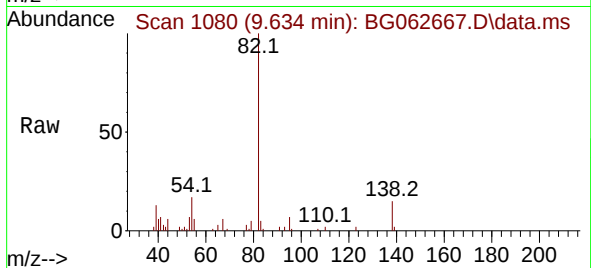
Tgt Ion: 82 Resp: 31141

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.0

138 15.4 12.6 18.8



#26

2-Nitrophenol

Concen: 3.464 ng

RT: 9.828 min Scan# 1113

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

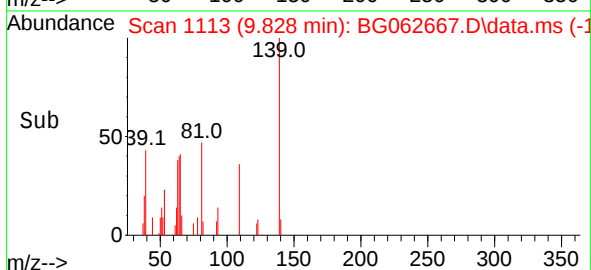
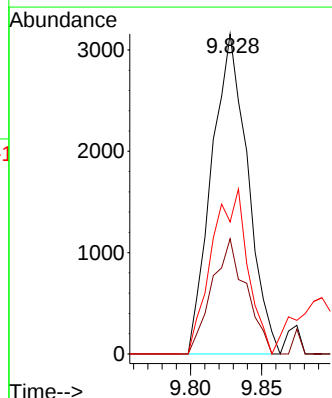
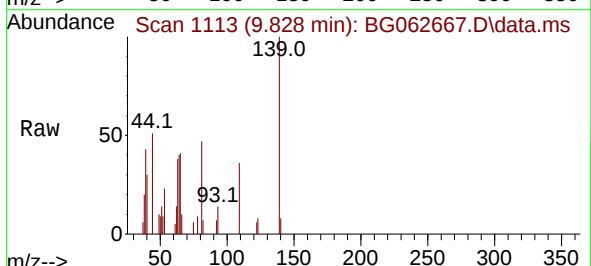
Tgt Ion:139 Resp: 5565

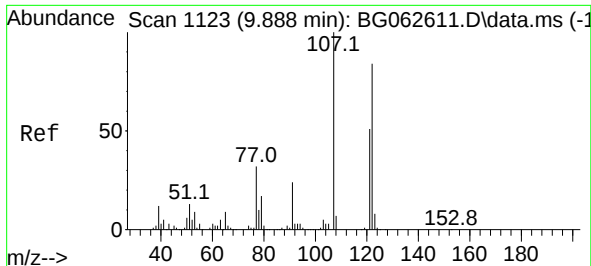
Ion Ratio Lower Upper

139 100

109 36.0 26.6 39.8

65 41.2 46.5 69.7#





#27

2,4-Dimethylphenol

Concen: 3.503 ng

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

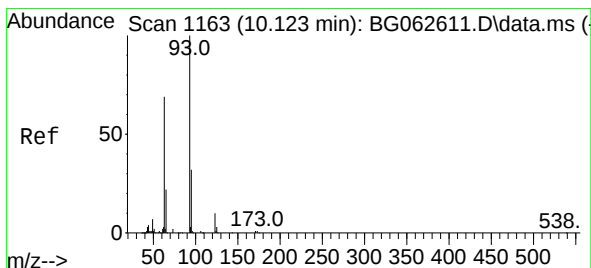
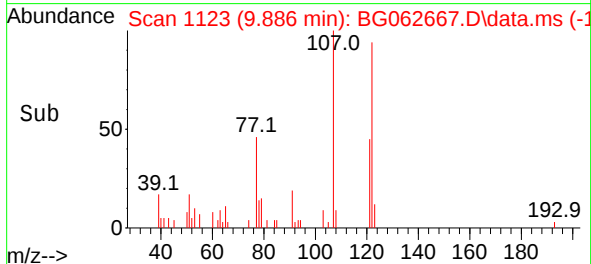
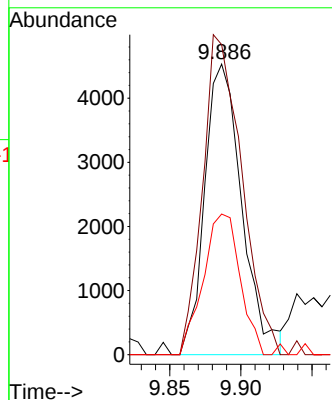
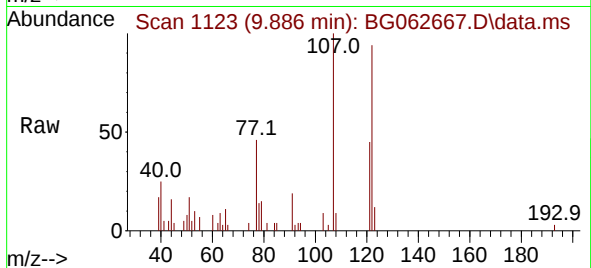
Tgt Ion:122 Resp: 8247

Ion Ratio Lower Upper

122 100

107 106.7 95.8 143.6

121 48.4 48.6 72.8#



#28

bis(2-Chloroethoxy)methane

Concen: 3.665 ng

RT: 10.122 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

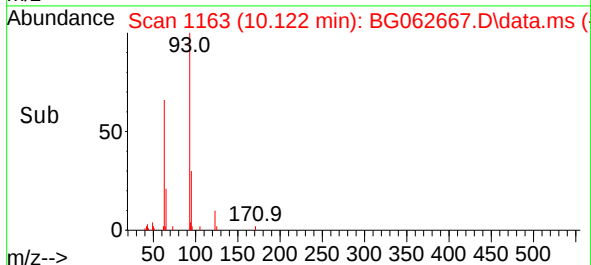
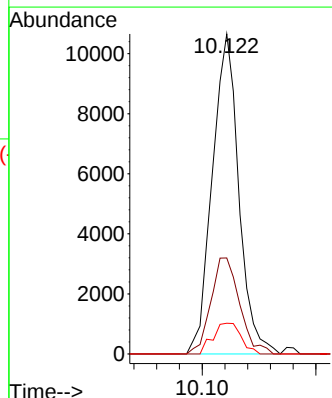
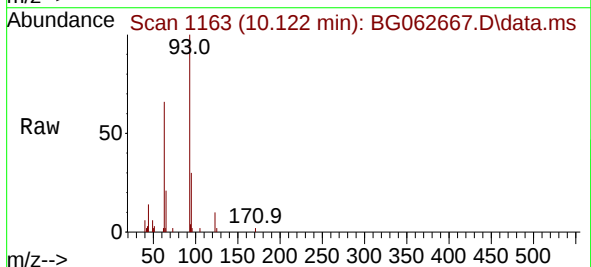
Tgt Ion: 93 Resp: 17226

Ion Ratio Lower Upper

93 100

95 30.0 25.4 38.0

123 9.6 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 3.633 ng

RT: 10.362 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG062667.D

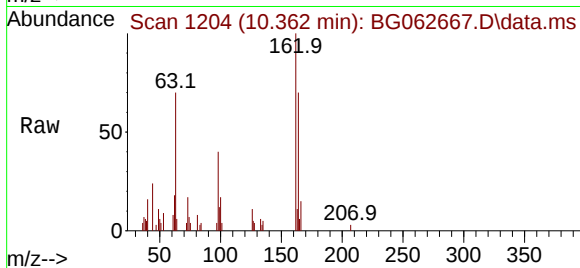
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



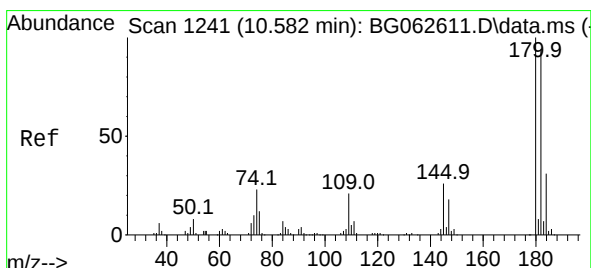
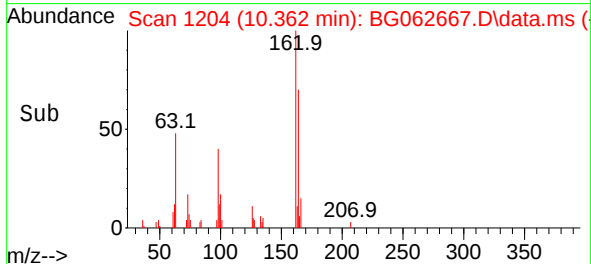
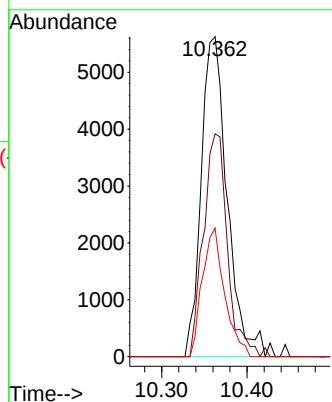
Tgt Ion:162 Resp: 11959

Ion Ratio Lower Upper

162 100

164 69.6 46.8 86.8

98 40.2 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 3.925 ng

RT: 10.574 min Scan# 1240

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

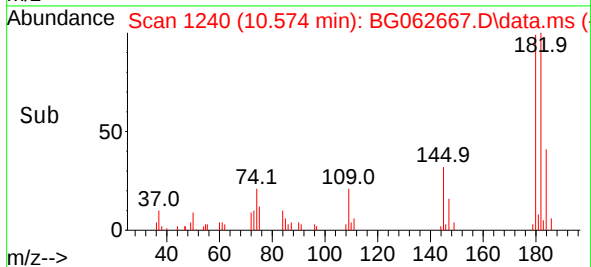
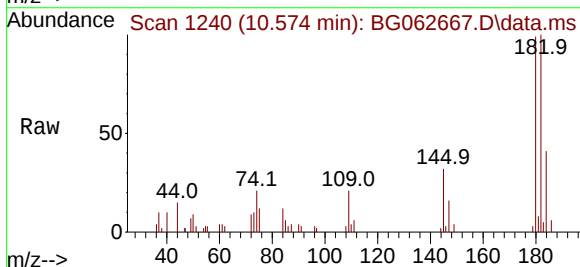
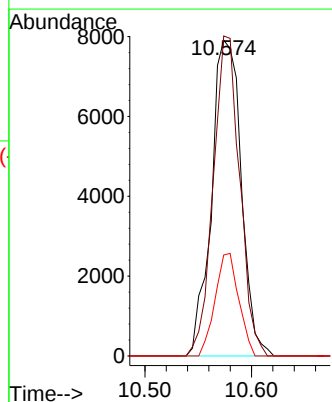
Tgt Ion:180 Resp: 15314

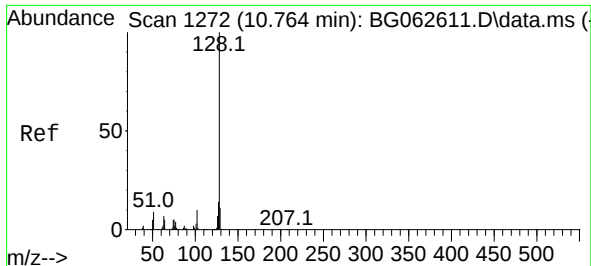
Ion Ratio Lower Upper

180 100

182 101.3 75.1 112.7

145 32.0 20.8 31.2#

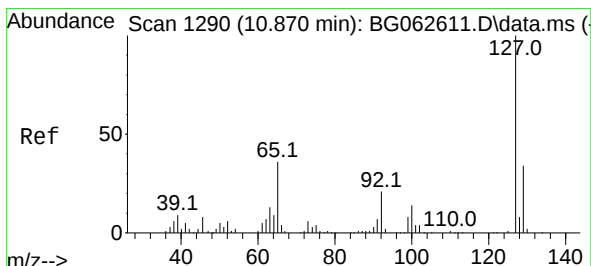
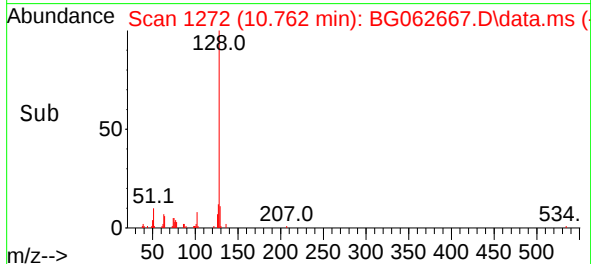
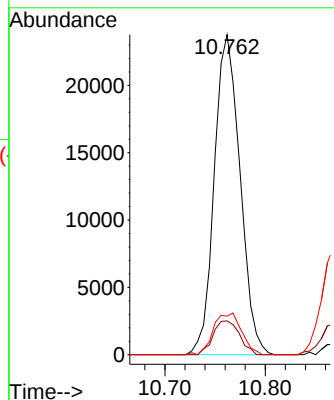
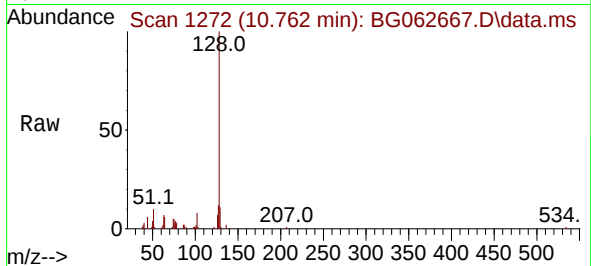




#31
Naphthalene
Concen: 3.963 ng
RT: 10.762 min Scan# 1272
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

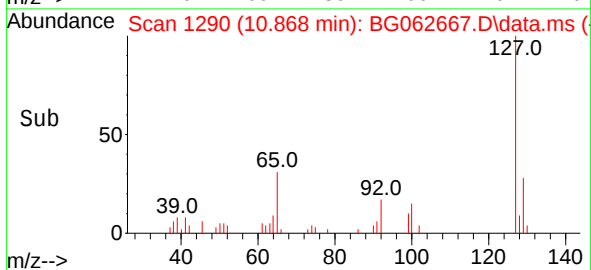
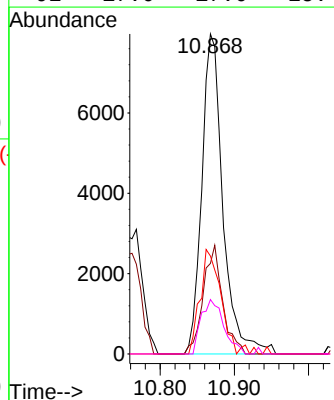
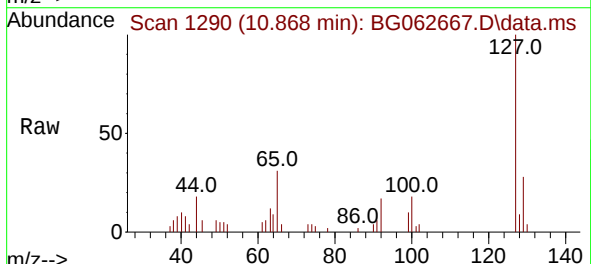
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

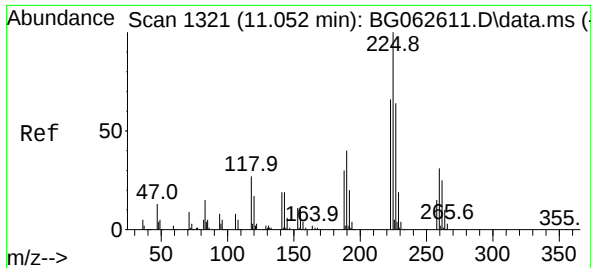
Tgt Ion:128 Resp: 42308
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.1 11.3 16.9



#33
4-Chloroaniline
Concen: 3.753 ng
RT: 10.868 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:127 Resp: 15768
Ion Ratio Lower Upper
127 100
129 28.3 27.3 40.9
65 30.6 29.0 43.4
92 17.0 17.0 25.4

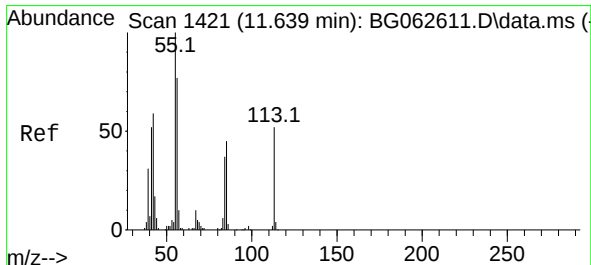
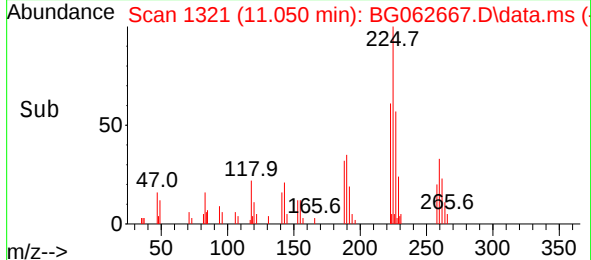
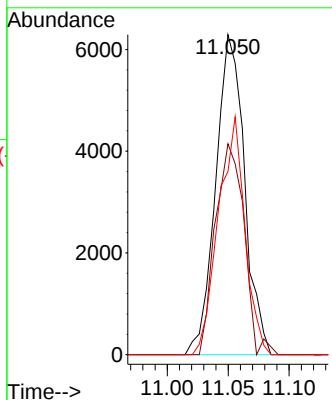
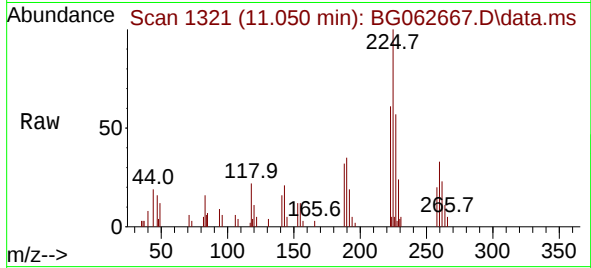




#34
Hexachlorobutadiene
Concen: 3.796 ng
RT: 11.050 min Scan# 1415
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

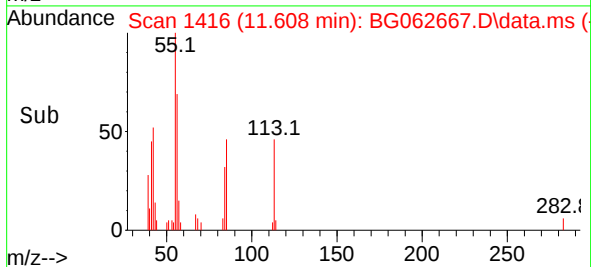
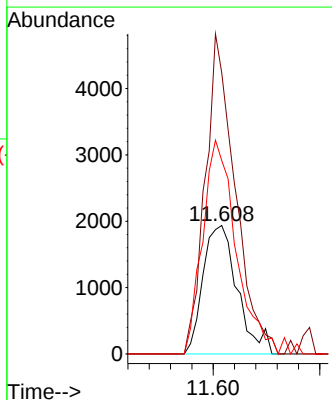
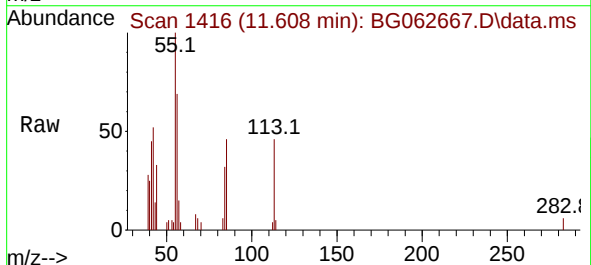
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

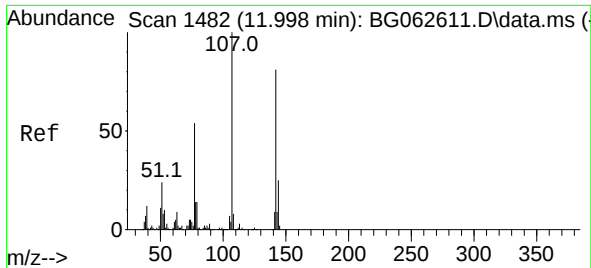
Tgt Ion:225 Resp: 10344
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 58.0 48.9 73.3



#35
Caprolactam
Concen: 3.400 ng
RT: 11.608 min Scan# 1416
Delta R.T. -0.031 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:113 Resp: 4315
Ion Ratio Lower Upper
113 100
55 218.9 174.1 214.1#
56 150.5 129.8 169.8

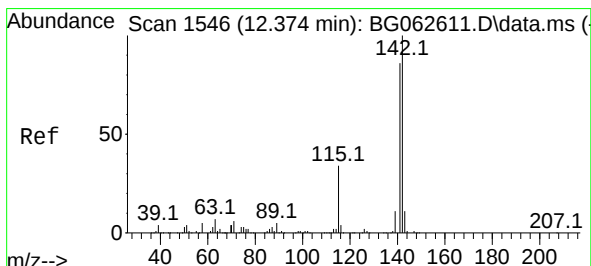
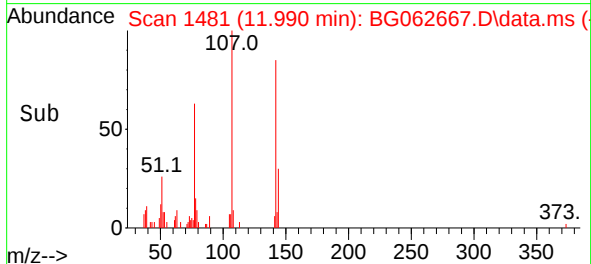
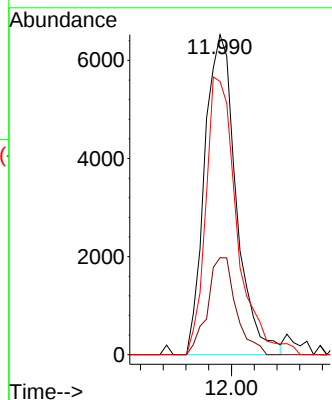
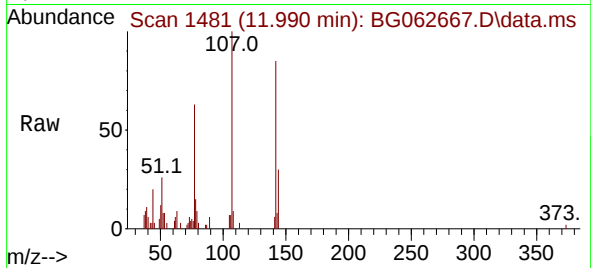




#36
4-Chloro-3-methylphenol
Concen: 3.156 ng
RT: 11.990 min Scan# 1482
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

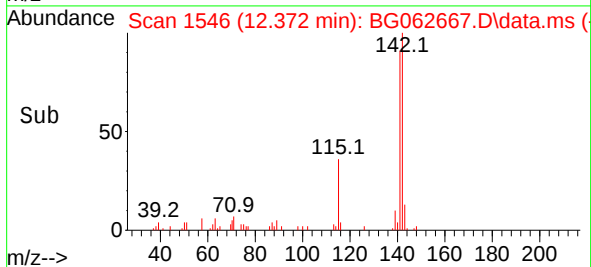
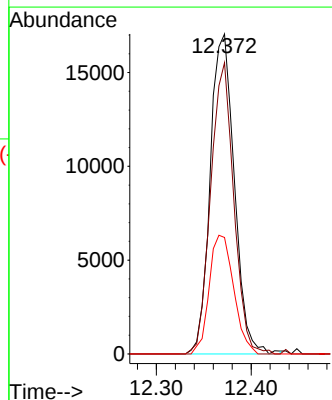
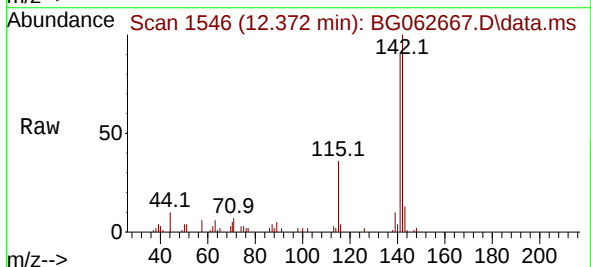
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

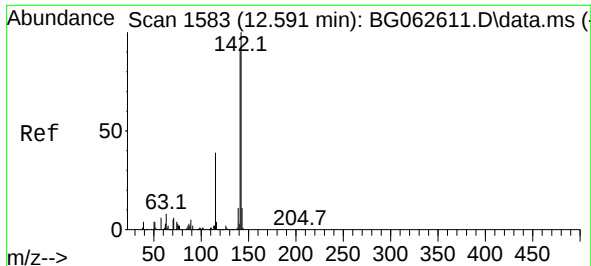
Tgt Ion:107 Resp: 12530
Ion Ratio Lower Upper
107 100
144 30.3 19.8 29.8#
142 85.4 64.7 97.1



#37
2-Methylnaphthalene
Concen: 3.638 ng
RT: 12.372 min Scan# 1546
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:142 Resp: 30126
Ion Ratio Lower Upper
142 100
141 91.0 68.9 103.3
115 36.4 27.5 41.3





#38

1-Methylnaphthalene

Concen: 3.601 ng

RT: 12.589 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

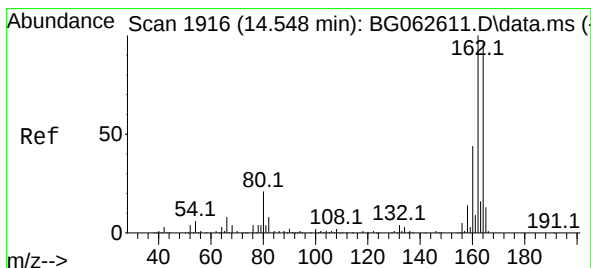
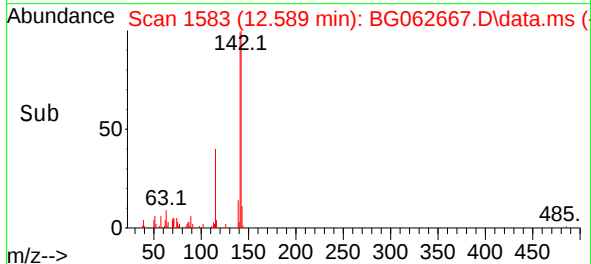
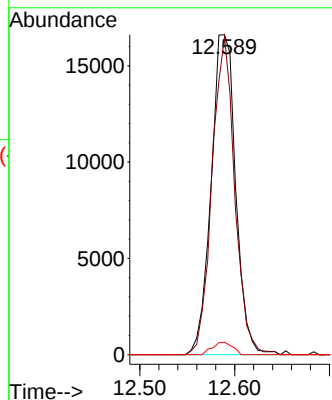
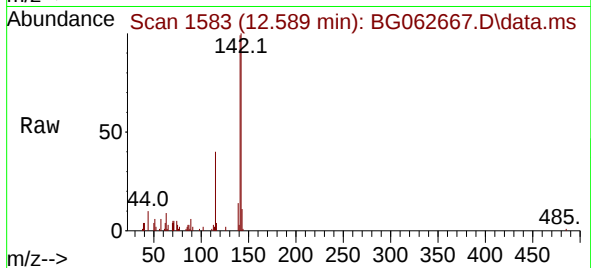
Tgt Ion:142 Resp: 29944

Ion Ratio Lower Upper

142 100

141 99.3 73.0 109.4

116 3.9 3.2 4.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1916

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

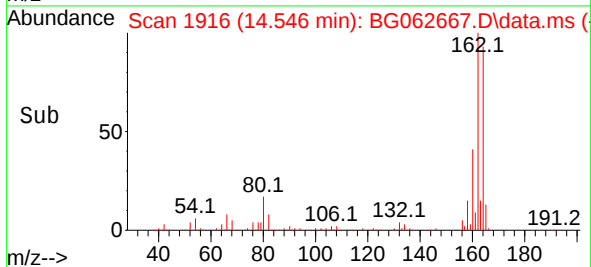
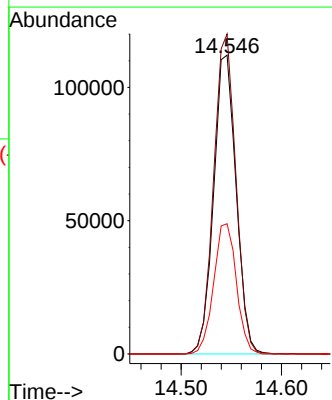
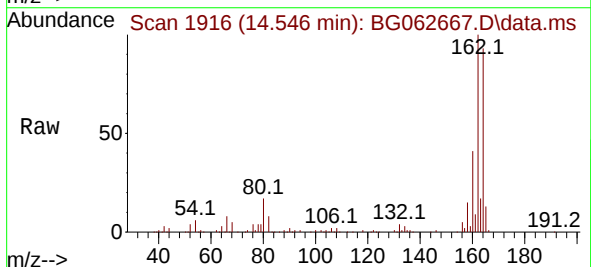
Tgt Ion:164 Resp: 174723

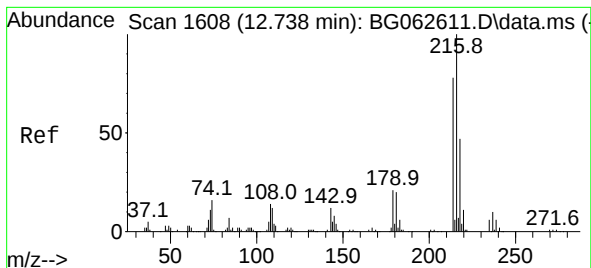
Ion Ratio Lower Upper

164 100

162 107.0 83.1 124.7

160 43.6 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.063 ng

RT: 12.736 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:216 Resp: 21348

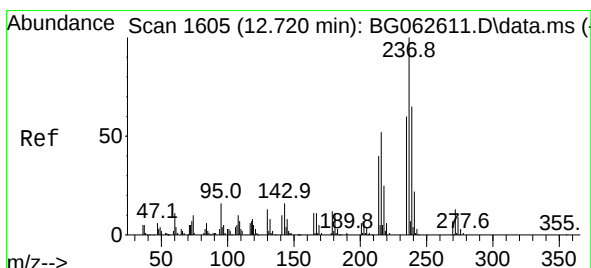
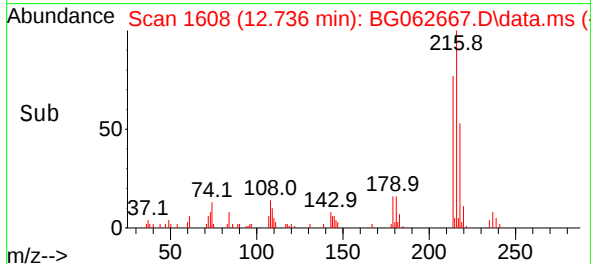
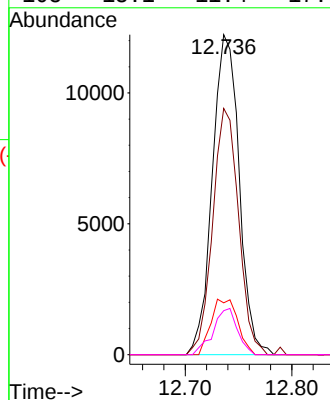
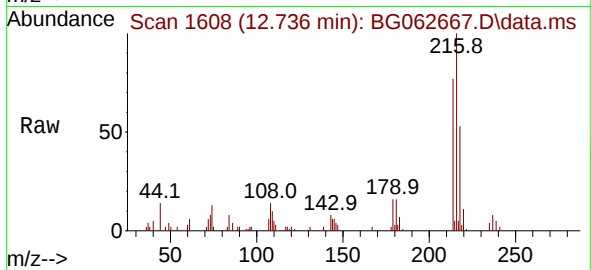
Ion Ratio Lower Upper

216 100

214 74.2 61.6 92.4

179 17.3 15.9 23.9

108 13.1 11.4 17.0



#41

Hexachlorocyclopentadiene

Concen: 3.332 ng

RT: 12.718 min Scan# 1605

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

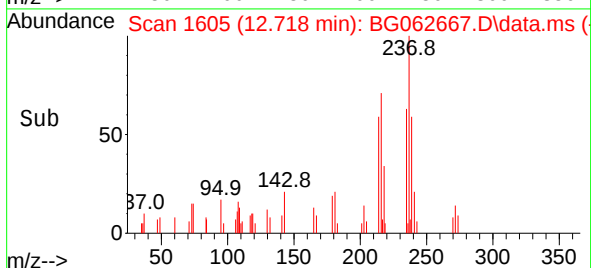
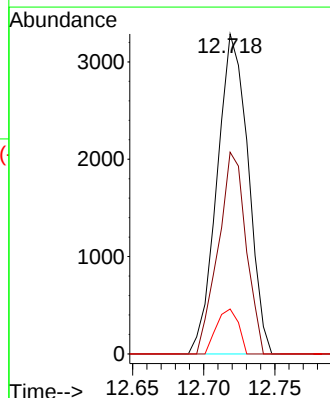
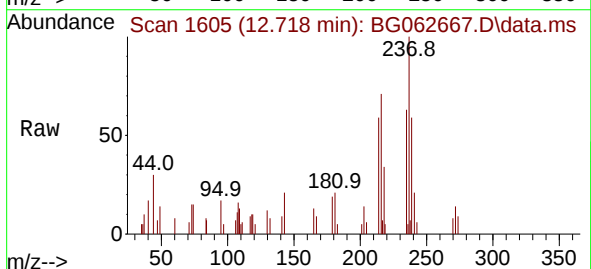
Tgt Ion:237 Resp: 4995

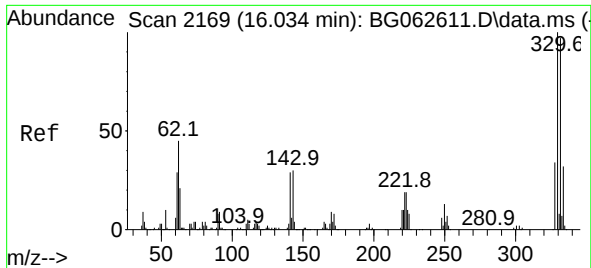
Ion Ratio Lower Upper

237 100

235 63.0 40.4 80.4

272 14.0 0.0 32.7

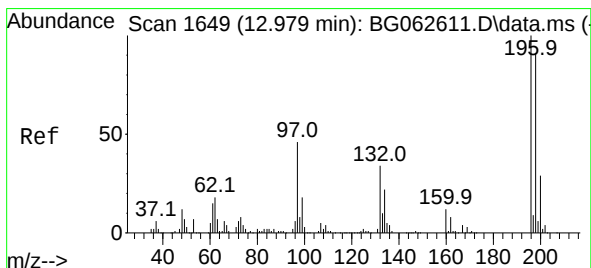
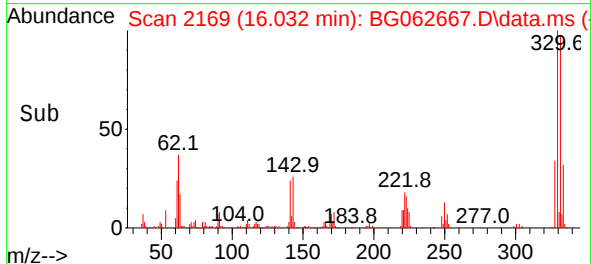
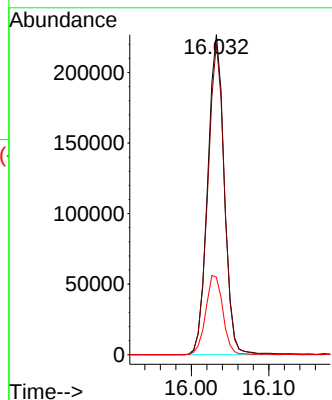
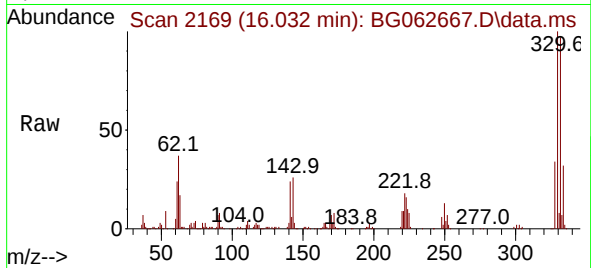




#42
2,4,6-Tribromophenol
Concen: 136.754 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

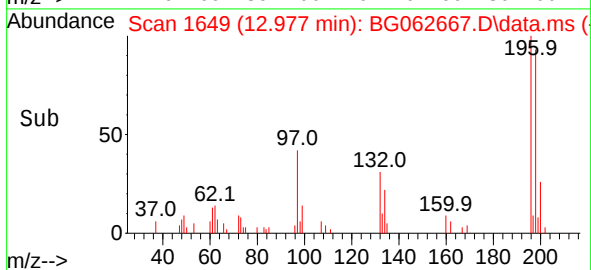
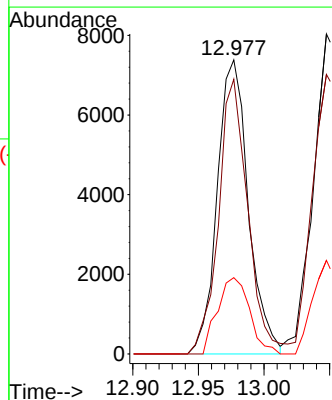
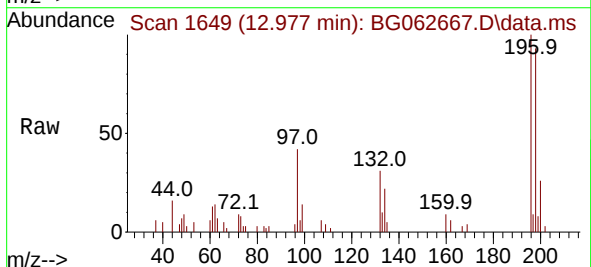
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

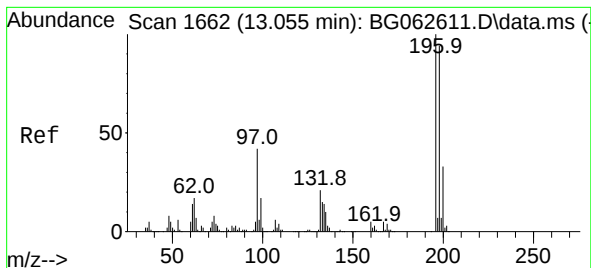
Tgt Ion:330 Resp: 336265
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 25.6 22.2 33.4



#43
2,4,6-Trichlorophenol
Concen: 3.650 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:196 Resp: 12157
Ion Ratio Lower Upper
196 100
198 93.4 72.8 109.2
200 25.9 23.5 35.3





#44

2,4,5-Trichlorophenol

Concen: 3.470 ng

RT: 13.048 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062667.D

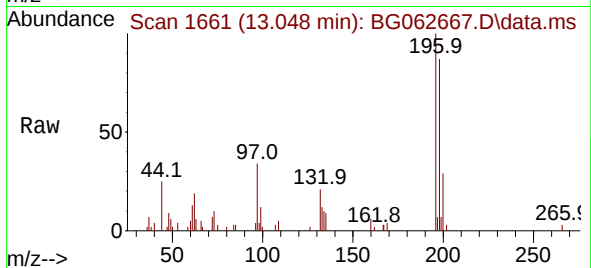
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:196 Resp: 13088

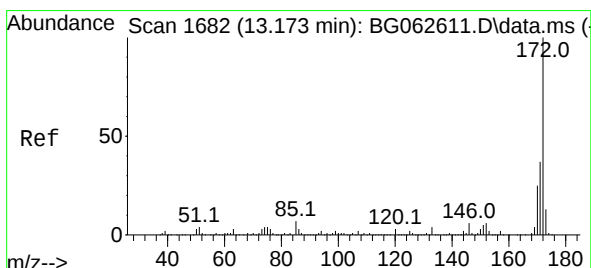
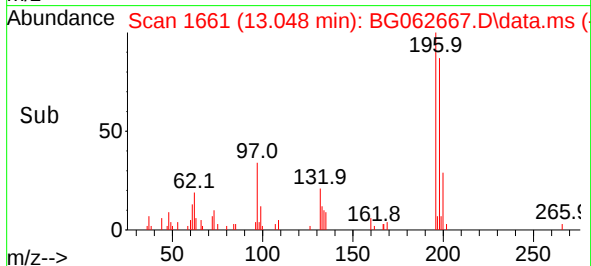
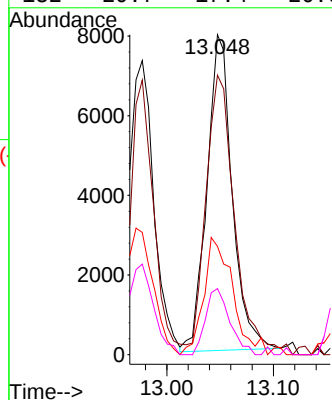
Ion Ratio Lower Upper

196 100

198 87.3 75.5 113.3

97 33.9 34.1 51.1#

132 20.7 17.4 26.0



#45

2-Fluorobiphenyl

Concen: 80.696 ng

RT: 13.165 min Scan# 1681

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

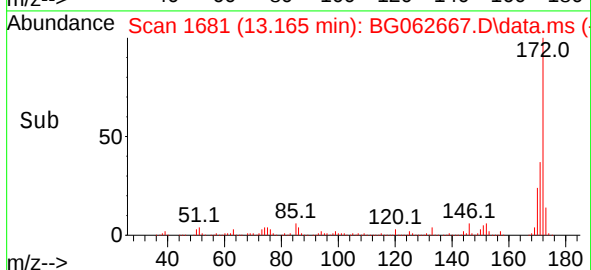
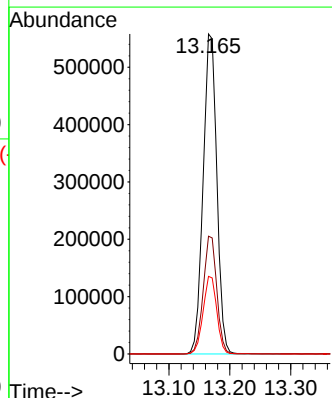
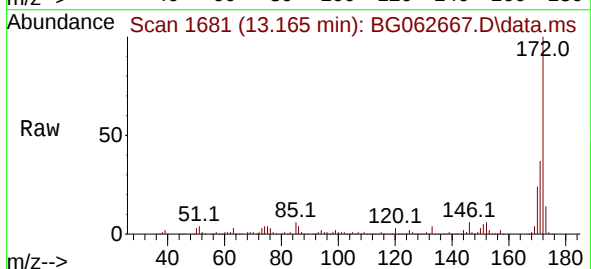
Tgt Ion:172 Resp: 870449

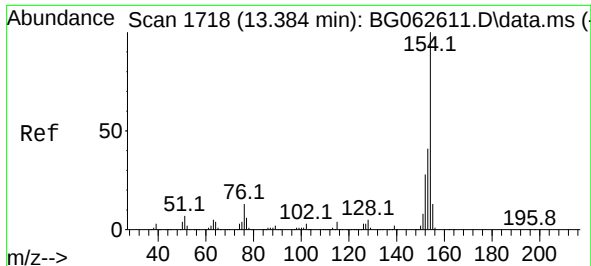
Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 24.2 20.0 30.0





#46

1,1'-Biphenyl

Concen: 4.012 ng

RT: 13.377 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

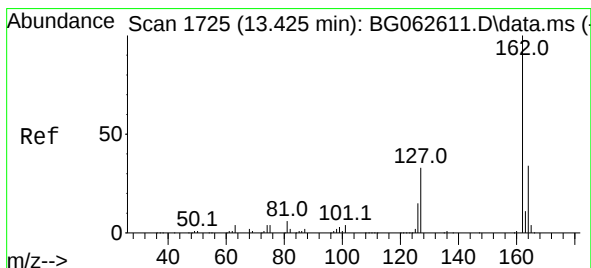
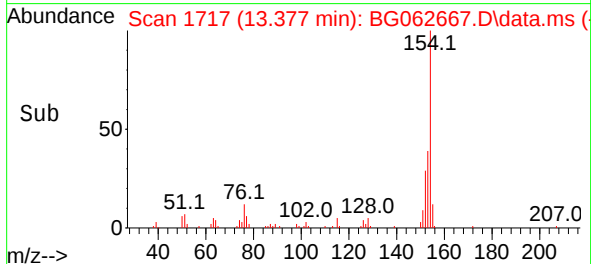
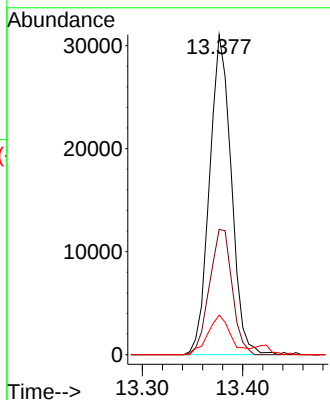
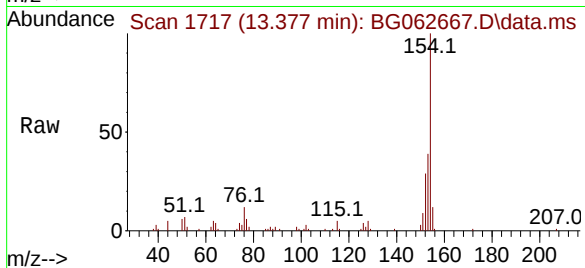
Tgt Ion:154 Resp: 46770

Ion Ratio Lower Upper

154 100

153 39.1 20.8 60.8

76 12.4 0.0 33.4



#47

2-Chloronaphthalene

Concen: 3.769 ng

RT: 13.418 min Scan# 1724

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

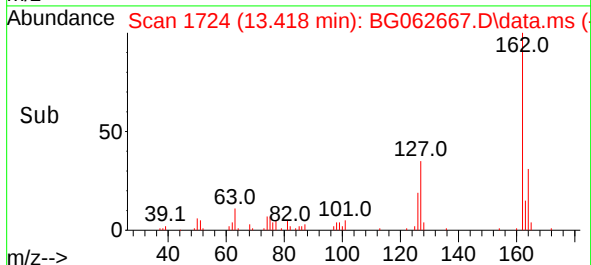
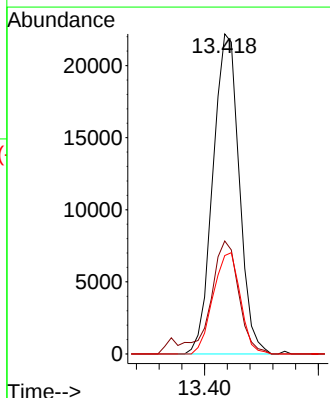
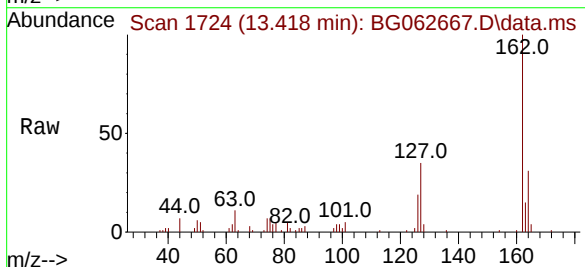
Tgt Ion:162 Resp: 35609

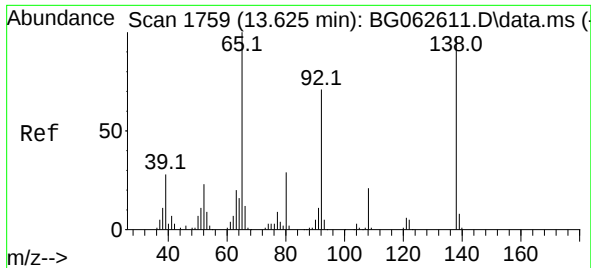
Ion Ratio Lower Upper

162 100

127 35.3 28.7 43.1

164 30.7 26.9 40.3





#48

2-Nitroaniline

Concen: 3.607 ng

RT: 13.623 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

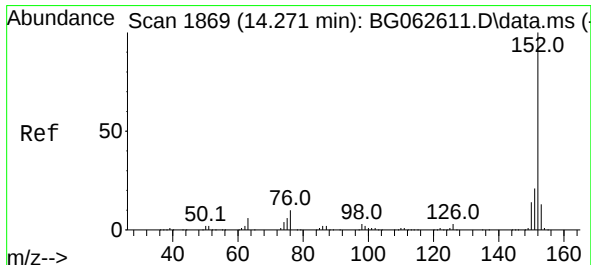
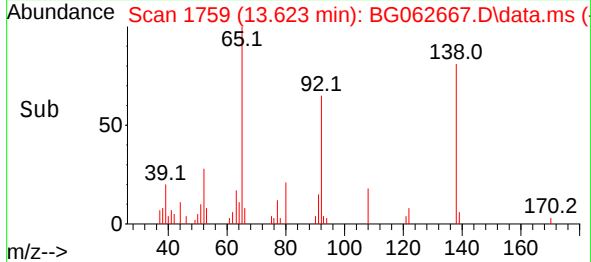
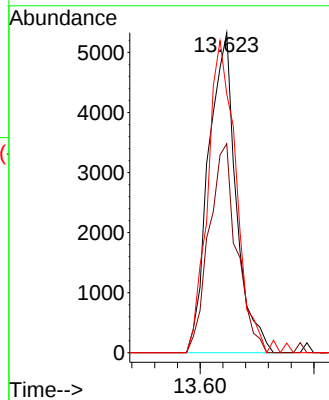
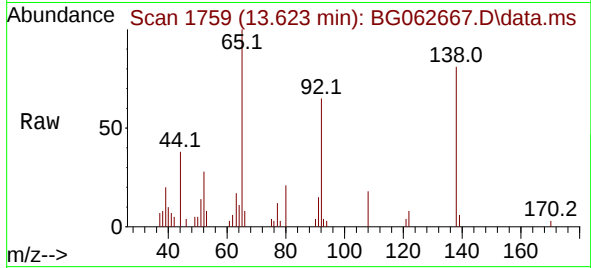
Tgt Ion: 65 Resp: 8962

Ion Ratio Lower Upper

65 100

92 65.3 56.6 84.8

138 80.9 78.7 118.1



#49

Acenaphthylene

Concen: 4.054 ng

RT: 14.264 min Scan# 1868

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

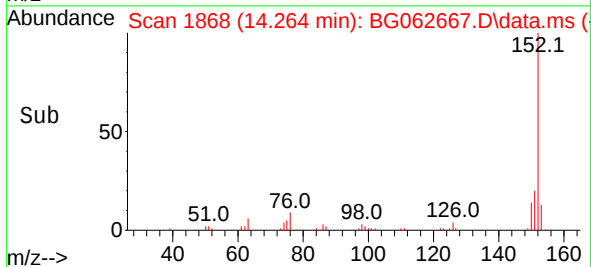
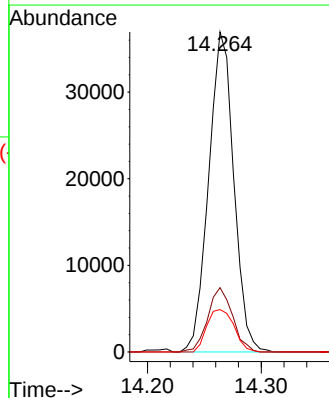
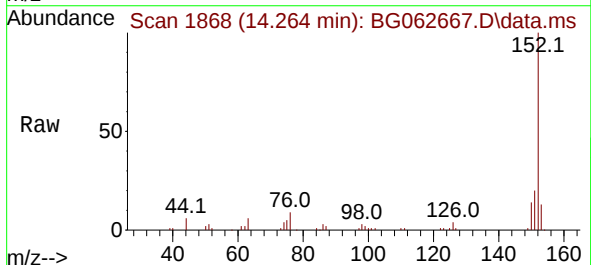
Tgt Ion:152 Resp: 56713

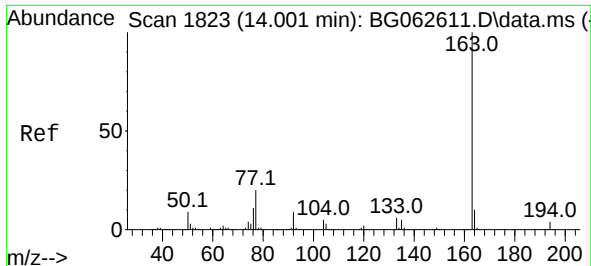
Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

153 13.3 10.2 15.4





#50

Dimethylphthalate

Concen: 3.834 ng

RT: 13.993 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

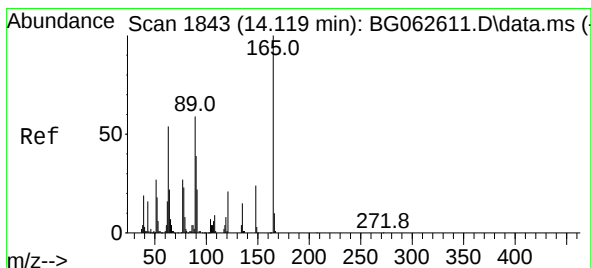
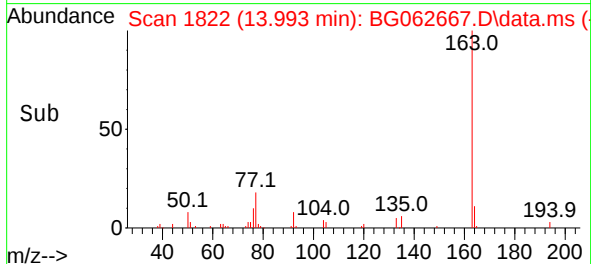
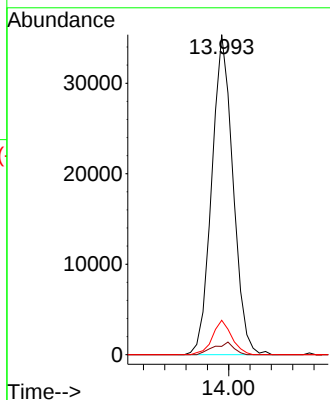
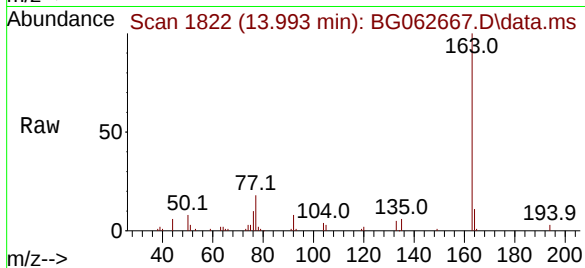
Tgt Ion:163 Resp: 48982

Ion Ratio Lower Upper

163 100

194 2.6 2.9 4.3#

164 10.7 8.3 12.5



#51

2,6-Dinitrotoluene

Concen: 3.519 ng

RT: 14.111 min Scan# 1842

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

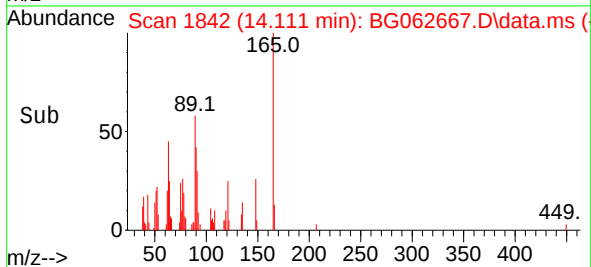
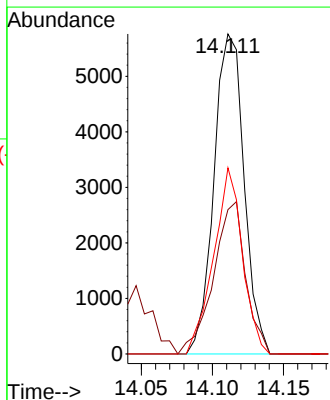
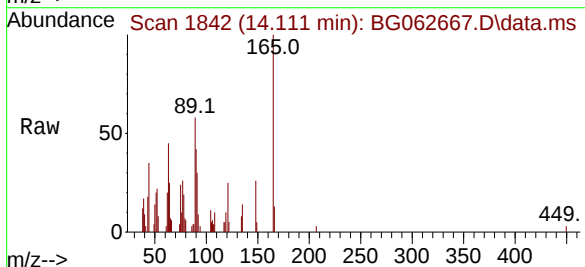
Tgt Ion:165 Resp: 8503

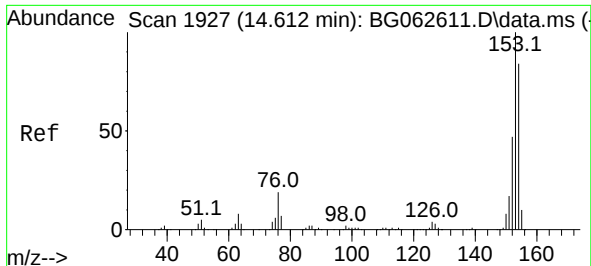
Ion Ratio Lower Upper

165 100

63 45.1 46.6 69.8#

89 58.2 47.2 70.8





#52

Acenaphthene

Concen: 3.813 ng

RT: 14.610 min Scan# 1927

Delta R.T. -0.002 min

Lab File: BG062667.D

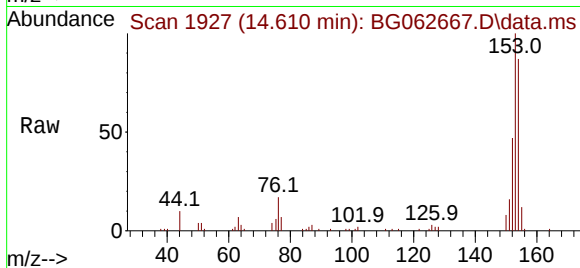
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



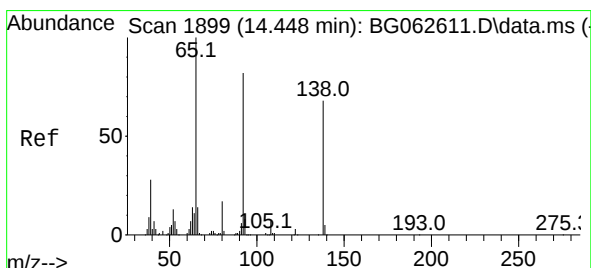
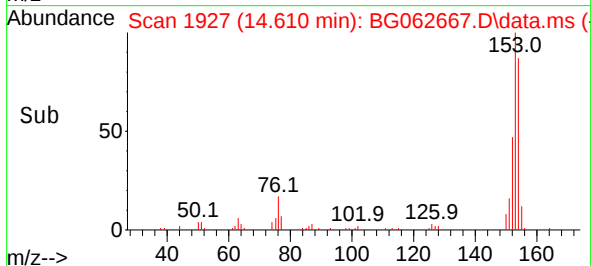
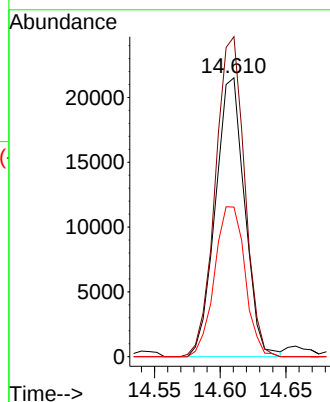
Tgt Ion:154 Resp: 33350

Ion Ratio Lower Upper

154 100

153 114.7 95.0 142.4

152 53.6 45.0 67.6



#53

3-Nitroaniline

Concen: 3.883 ng

RT: 14.440 min Scan# 1898

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

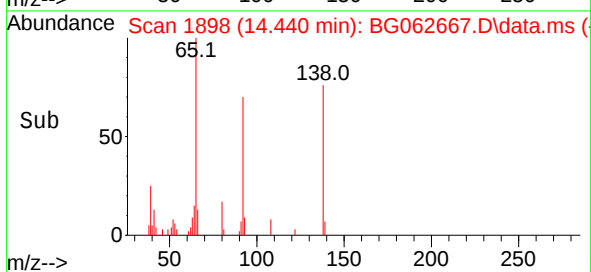
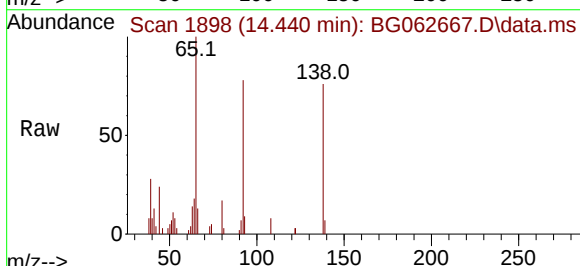
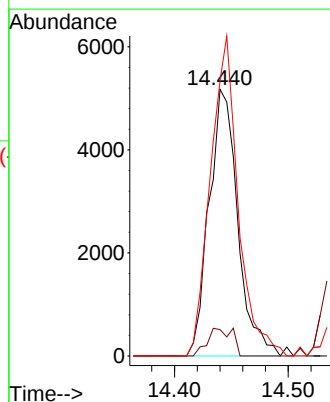
Tgt Ion:138 Resp: 9079

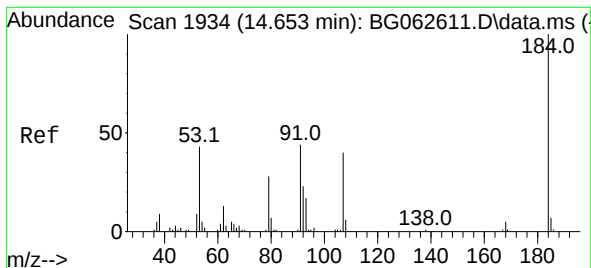
Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

92 103.2 95.7 143.5





#54

2,4-Dinitrophenol

Concen: 1.836 ng

RT: 14.657 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

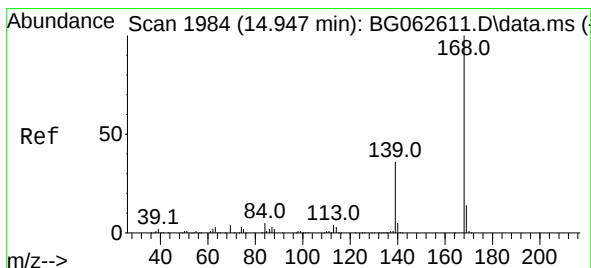
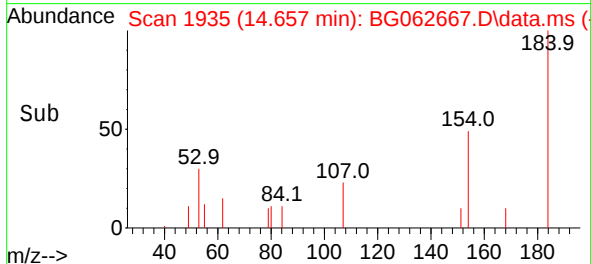
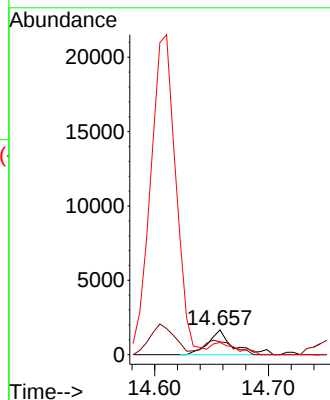
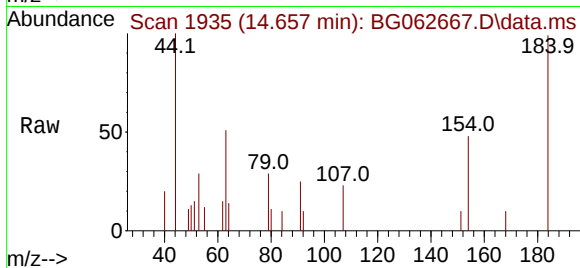
Tgt Ion:184 Resp: 2490

Ion Ratio Lower Upper

184 100

63 51.5 49.0 73.4

154 49.0 50.5 75.7#



#55

Dibenzofuran

Concen: 4.000 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

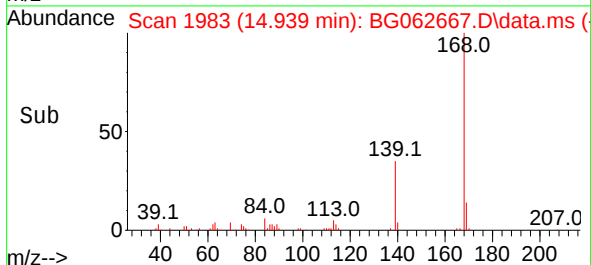
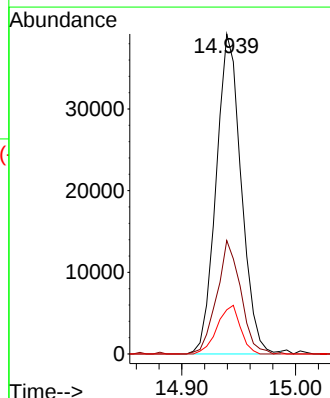
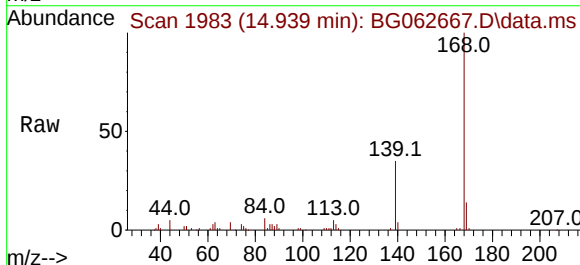
Tgt Ion:168 Resp: 59992

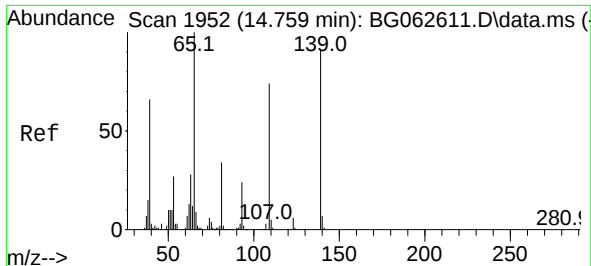
Ion Ratio Lower Upper

168 100

139 35.5 28.6 42.8

169 13.8 11.0 16.6





#56

4-Nitrophenol

Concen: 3.163 ng

RT: 14.757 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

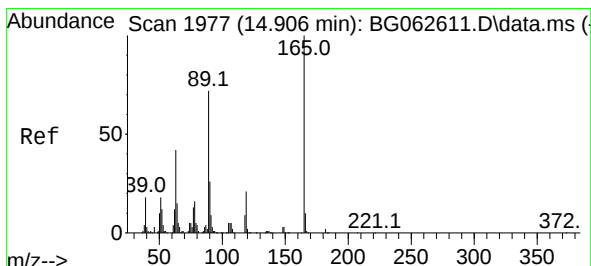
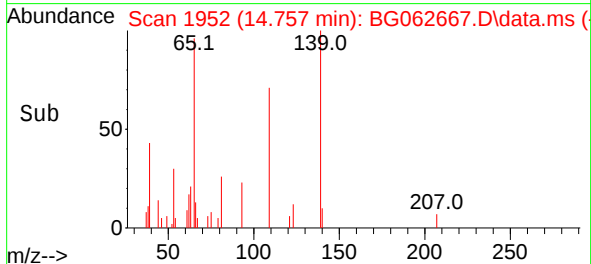
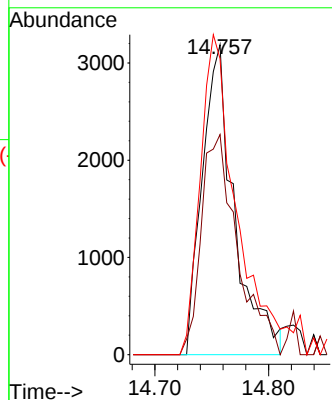
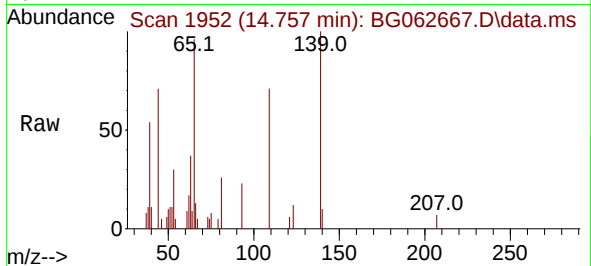
Tgt Ion:139 Resp: 6268

Ion Ratio Lower Upper

139 100

109 71.1 61.2 101.2

65 95.5 90.2 130.2



#57

2,4-Dinitrotoluene

Concen: 3.531 ng

RT: 14.898 min Scan# 1976

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:165 Resp: 11641

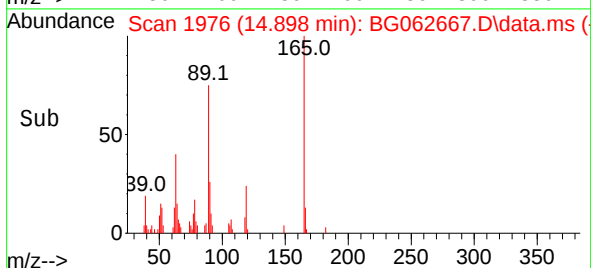
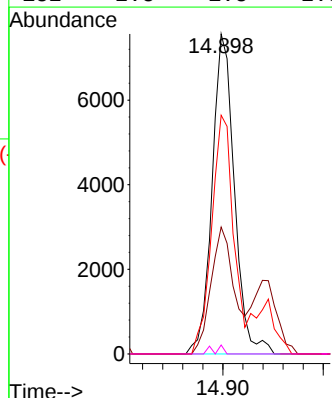
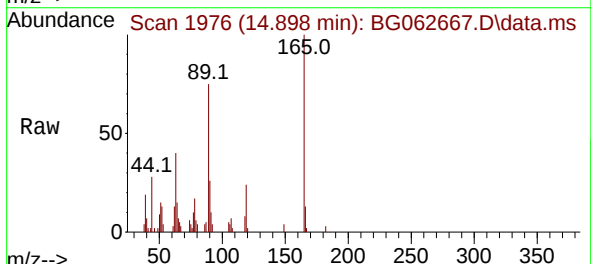
Ion Ratio Lower Upper

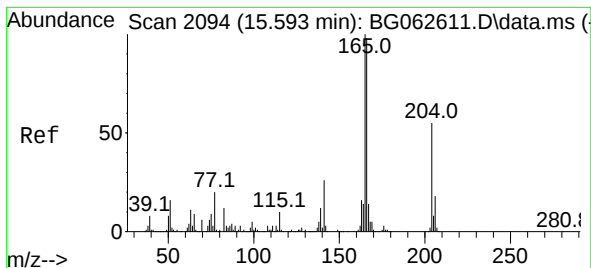
165 100

63 39.6 33.8 50.6

89 74.6 57.9 86.9

182 2.8 1.8 2.8#





#58

Fluorene

Concen: 4.036 ng

RT: 15.592 min Scan# 2094

Delta R.T. -0.002 min

Lab File: BG062667.D

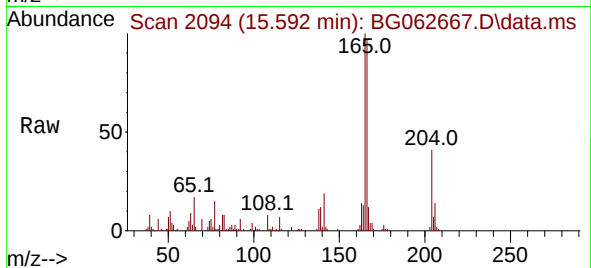
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



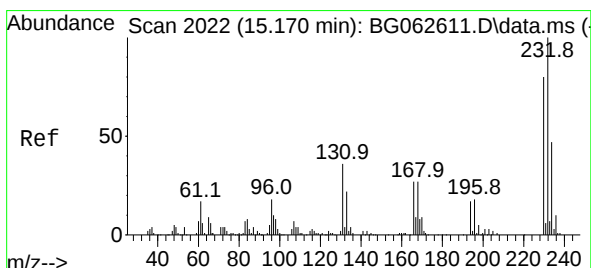
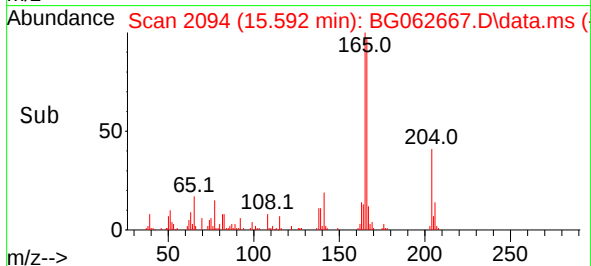
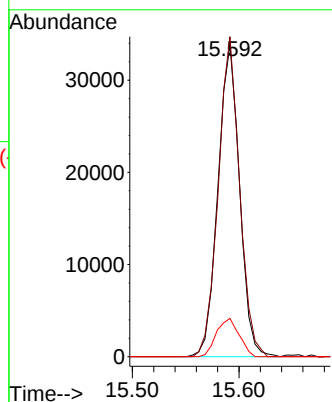
Tgt Ion:166 Resp: 47512

Ion Ratio Lower Upper

166 100

165 102.6 82.0 123.0

167 12.3 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.066 ng

RT: 15.169 min Scan# 2022

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion:232 Resp: 14531

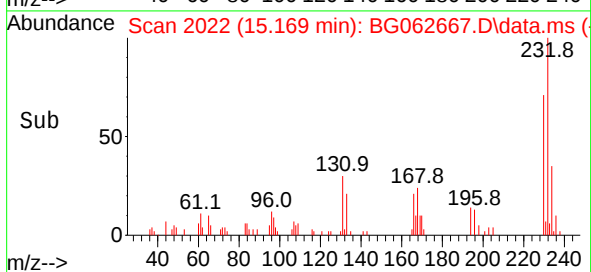
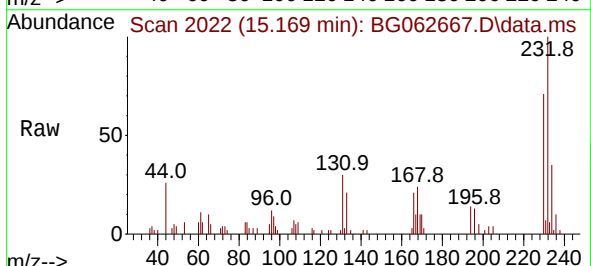
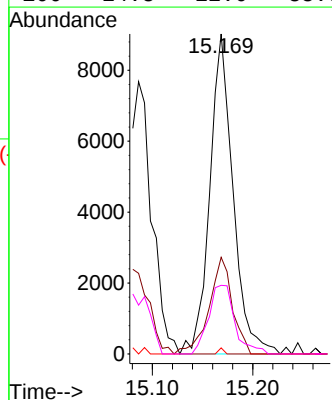
Ion Ratio Lower Upper

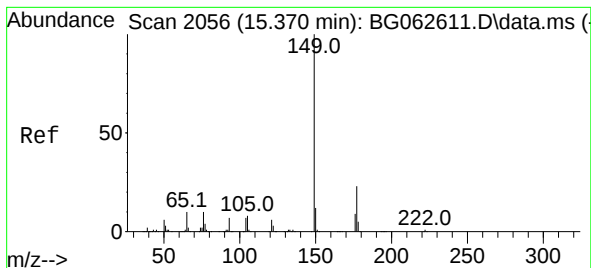
232 100

131 30.2 28.3 42.5

130 0.4 1.7 2.5#

166 24.3 22.0 33.0





#60

Diethylphthalate

Concen: 3.812 ng

RT: 15.357 min Scan# 2054

Delta R.T. -0.014 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

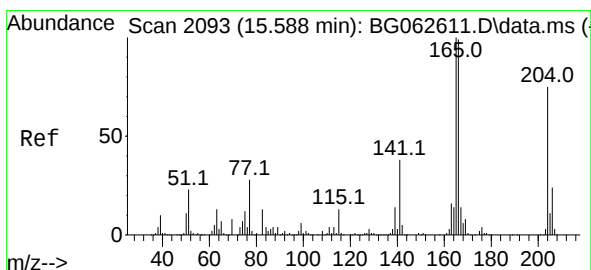
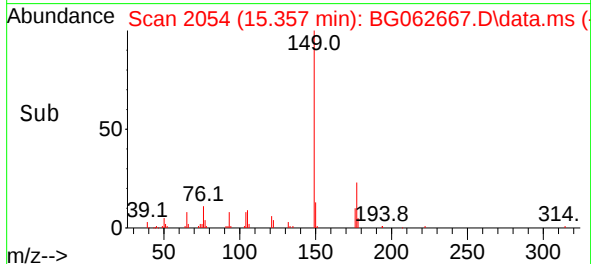
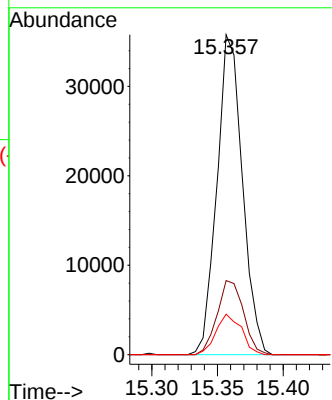
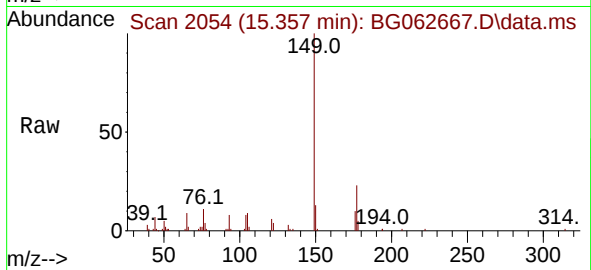
Tgt Ion:149 Resp: 48270

Ion Ratio Lower Upper

149 100

177 23.2 18.0 27.0

150 12.7 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 4.101 ng

RT: 15.586 min Scan# 2093

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

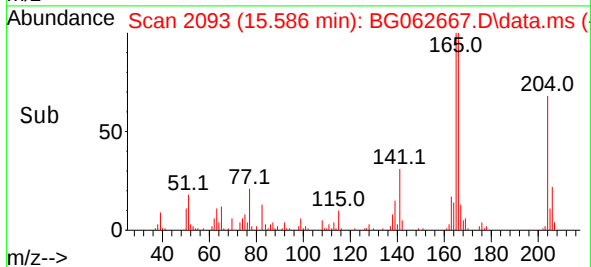
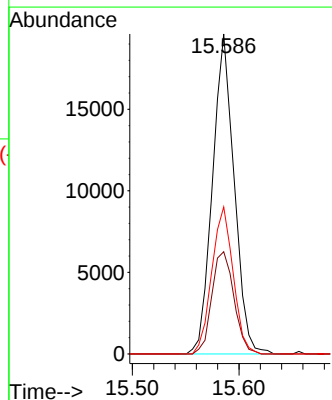
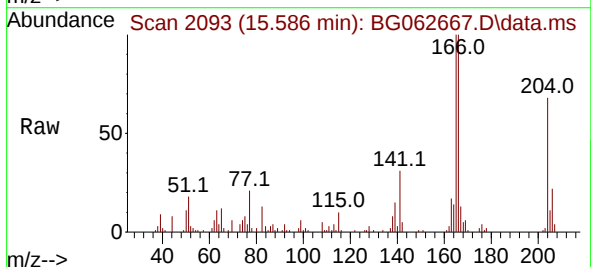
Tgt Ion:204 Resp: 27709

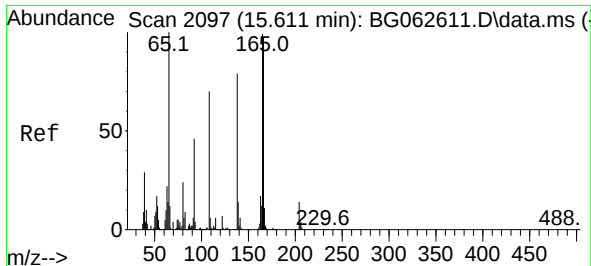
Ion Ratio Lower Upper

204 100

206 31.9 25.9 38.9

141 46.0 41.0 61.6





#62

4-Nitroaniline

Concen: 3.709 ng

RT: 15.597 min Scan# 2097

Delta R.T. -0.014 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

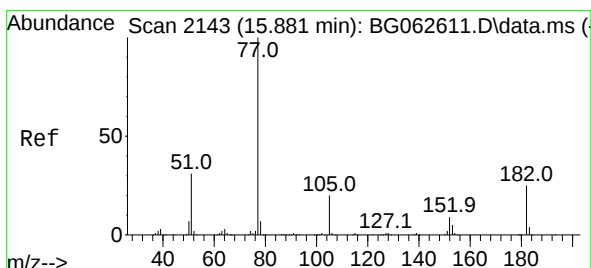
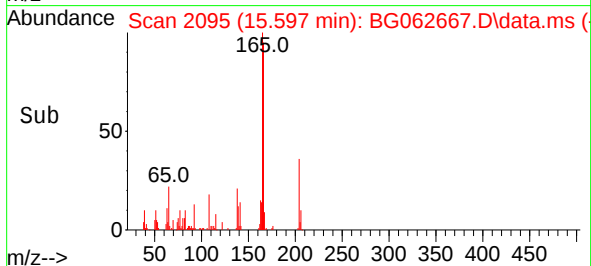
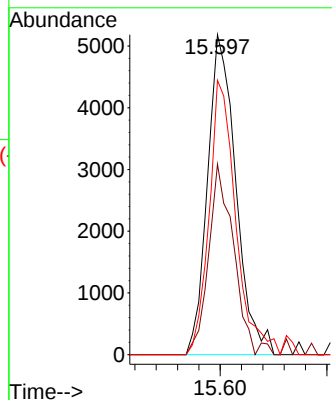
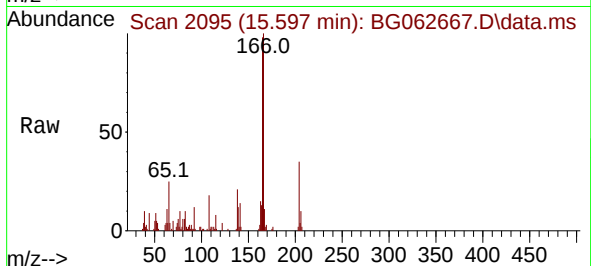
Tgt Ion:138 Resp: 9564

Ion Ratio Lower Upper

138 100

92 59.6 38.4 78.4

108 85.7 69.0 109.0



#63

Azobenzene

Concen: 3.729 ng

RT: 15.874 min Scan# 2142

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Tgt Ion: 77 Resp: 44336

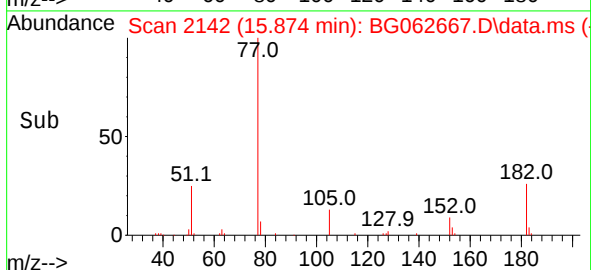
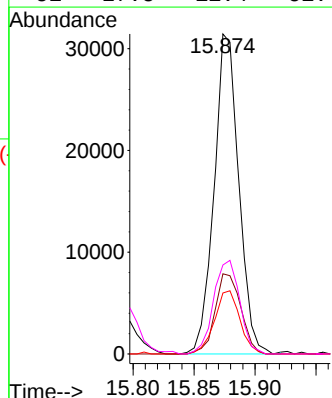
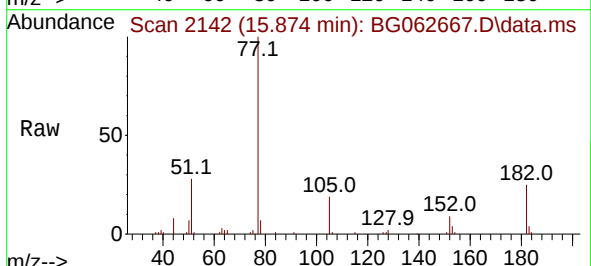
Ion Ratio Lower Upper

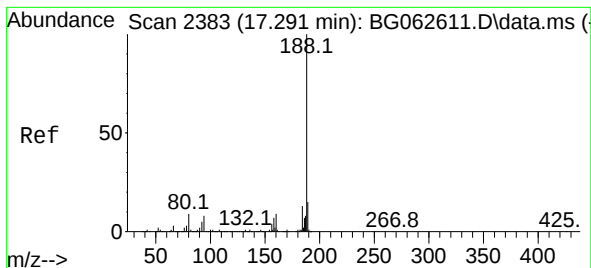
77 100

182 25.1 5.0 45.0

105 19.0 0.5 40.5

51 27.8 11.4 51.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.284 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

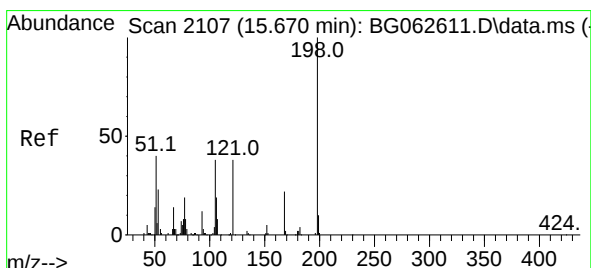
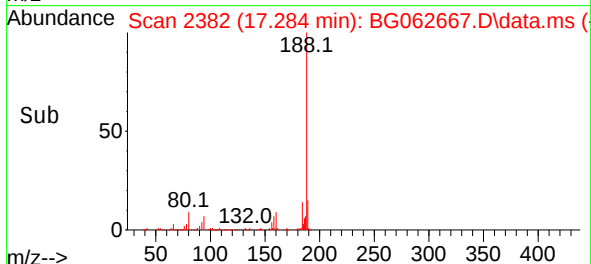
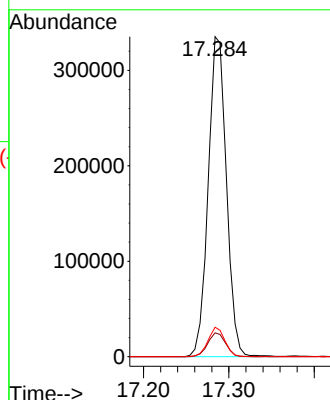
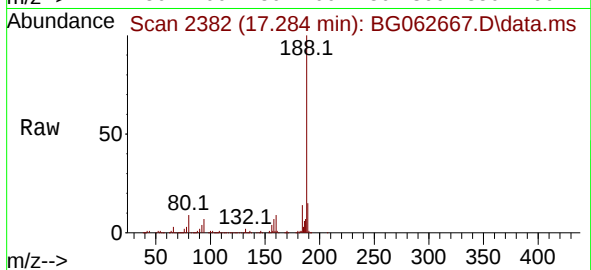
Tgt Ion:188 Resp: 497380

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

80 9.2 7.0 10.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.671 ng

RT: 15.668 min Scan# 2107

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

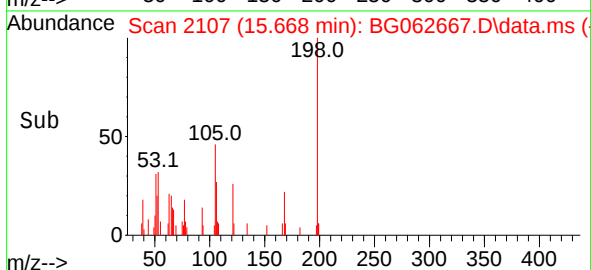
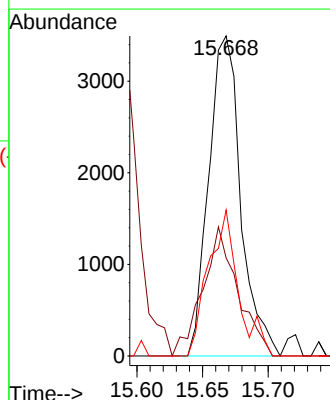
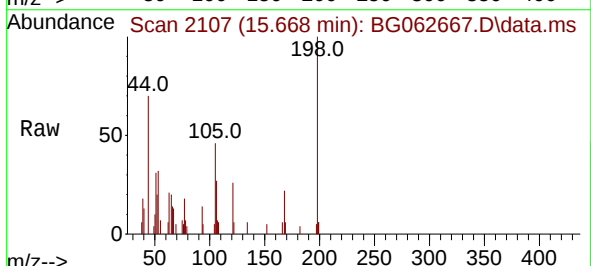
Tgt Ion:198 Resp: 5928

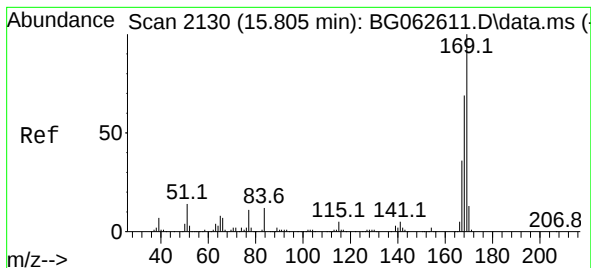
Ion Ratio Lower Upper

198 100

51 30.7 25.1 65.1

105 45.6 18.3 58.3





#66

n-Nitrosodiphenylamine

Concen: 3.406 ng

RT: 15.797 min Scan# 2130

Delta R.T. -0.008 min

Lab File: BG062667.D

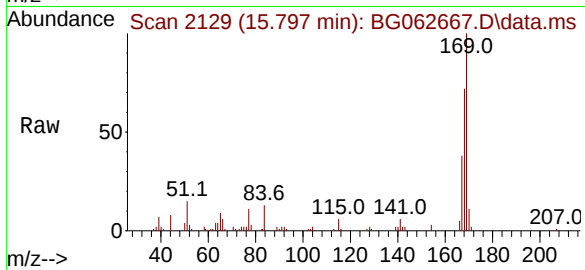
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



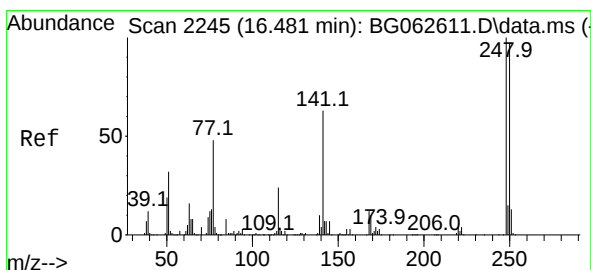
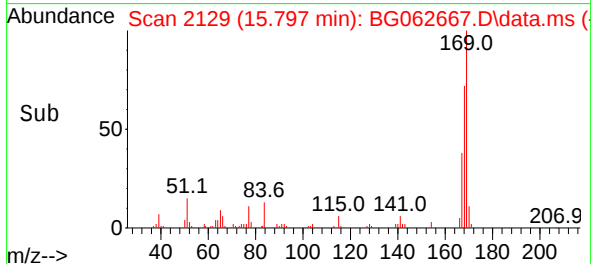
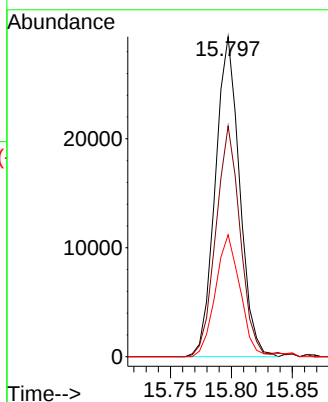
Tgt Ion:169 Resp: 40725

Ion Ratio Lower Upper

169 100

168 72.1 55.4 83.2

167 38.1 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 3.619 ng

RT: 16.479 min Scan# 2245

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

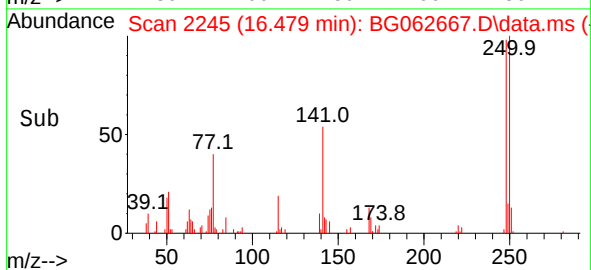
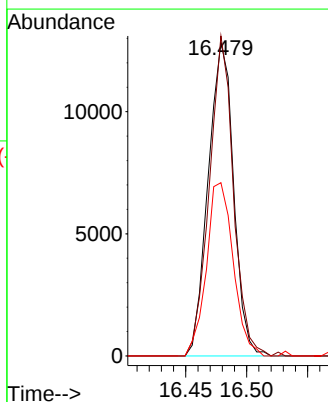
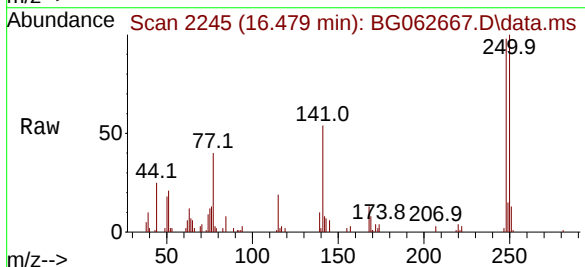
Tgt Ion:248 Resp: 18578

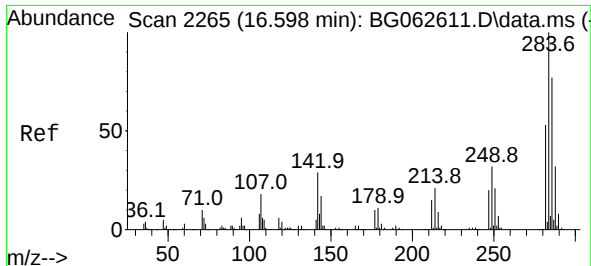
Ion Ratio Lower Upper

248 100

250 102.1 77.9 116.9

141 55.3 50.2 75.2

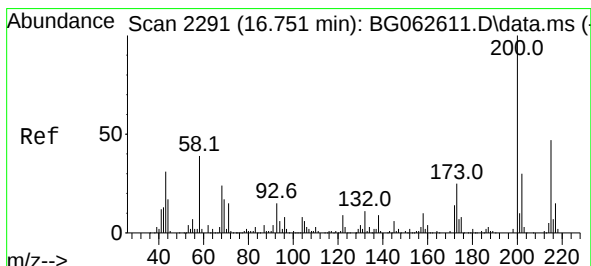
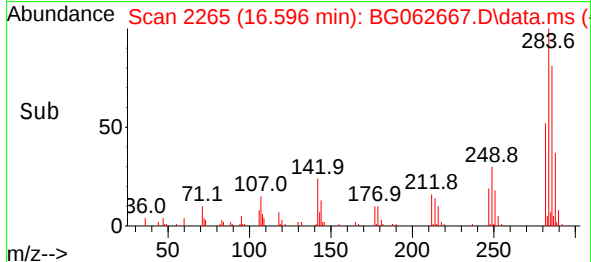
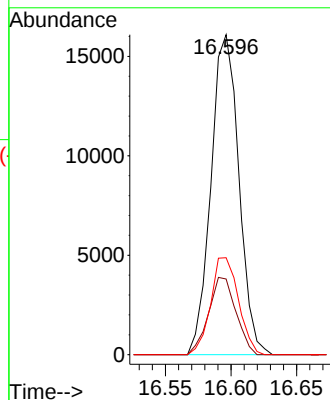
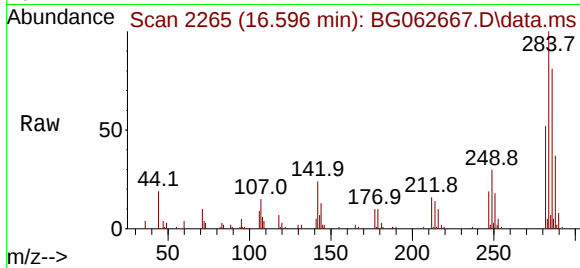




#68
Hexachlorobenzene
Concen: 3.908 ng
RT: 16.596 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

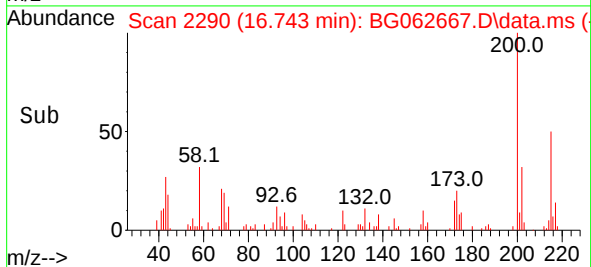
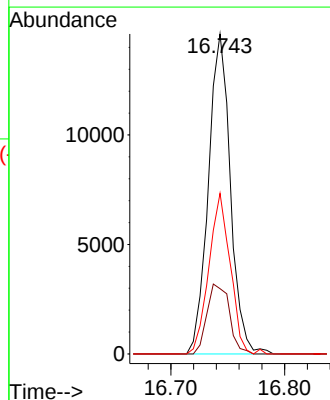
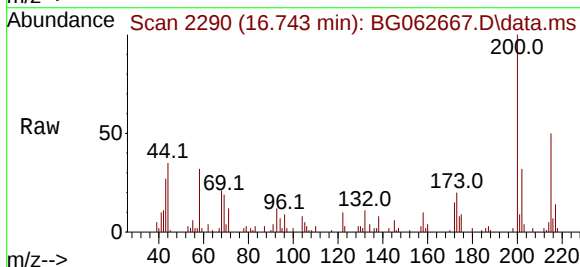
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

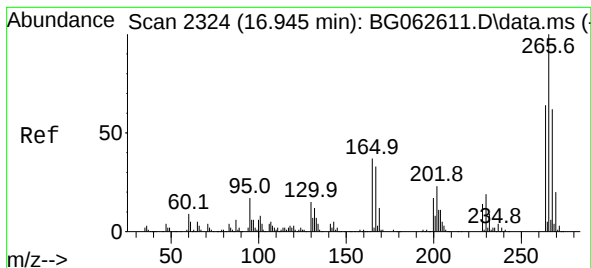
Tgt Ion:284 Resp: 23756
Ion Ratio Lower Upper
284 100
142 23.7 23.5 35.3
249 30.3 25.4 38.0



#69
Atrazine
Concen: 4.843 ng
RT: 16.743 min Scan# 2290
Delta R.T. -0.008 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:200 Resp: 19669
Ion Ratio Lower Upper
200 100
173 20.4 5.2 45.2
215 50.2 27.3 67.3





#70

Pentachlorophenol

Concen: 1.934 ng

RT: 16.937 min Scan# 2323

Delta R.T. -0.008 min

Lab File: BG062667.D

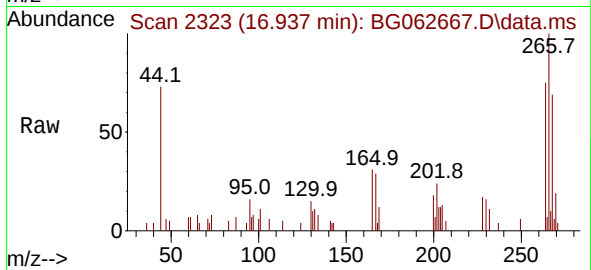
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



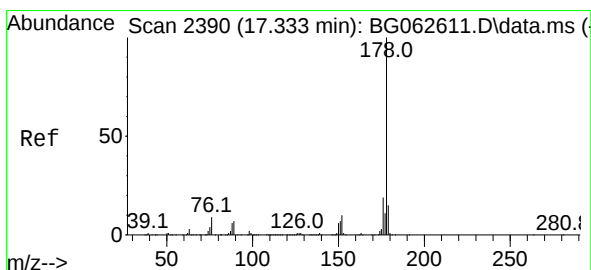
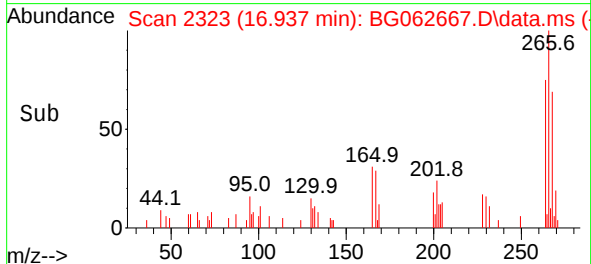
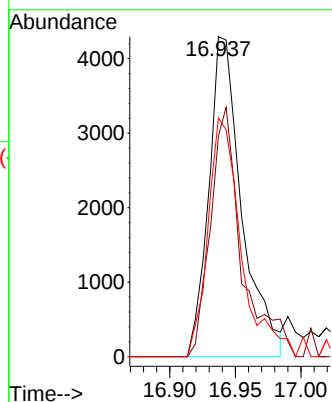
Tgt Ion:266 Resp: 7532

Ion Ratio Lower Upper

266 100

268 68.9 52.6 79.0

264 81.4 51.6 77.4#



#71

Phenanthrene

Concen: 3.973 ng

RT: 17.325 min Scan# 2389

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

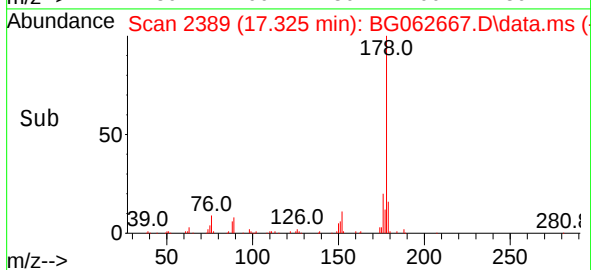
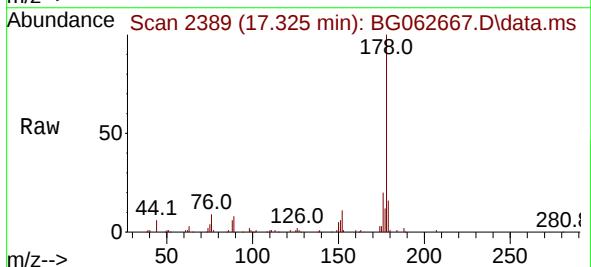
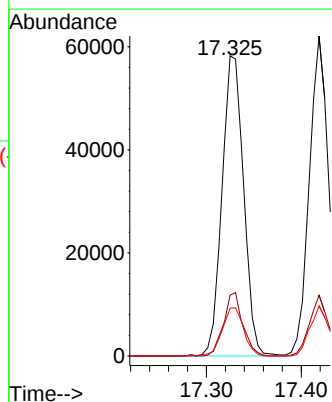
Tgt Ion:178 Resp: 92237

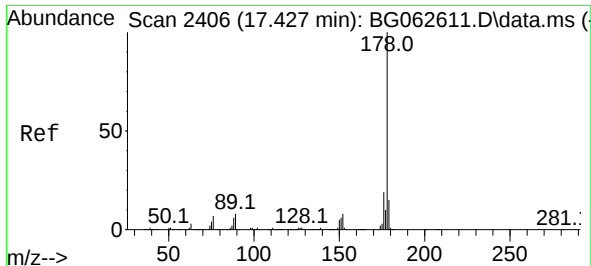
Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

179 16.0 12.2 18.4

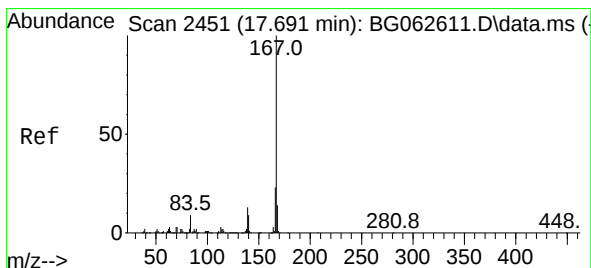
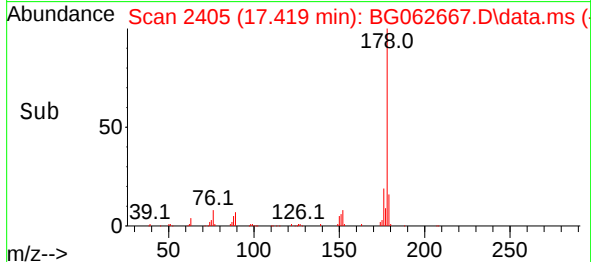
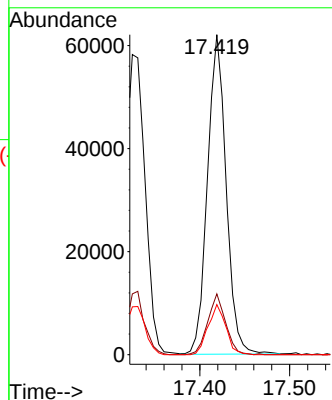
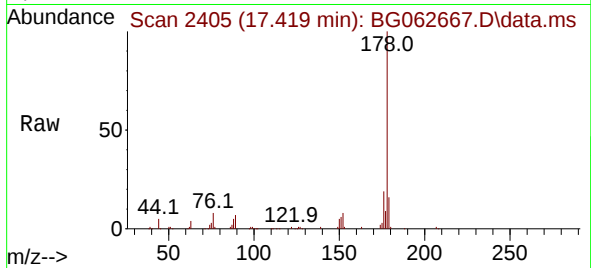




#72
 Anthracene
 Concen: 3.923 ng
 RT: 17.419 min Scan# 2405
 Delta R.T. -0.008 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10

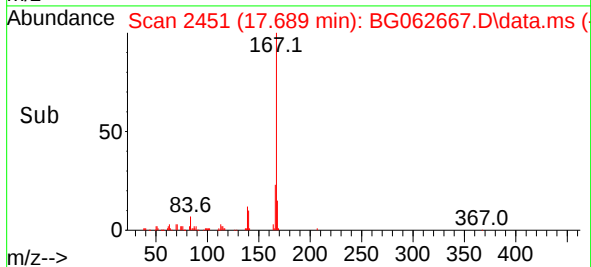
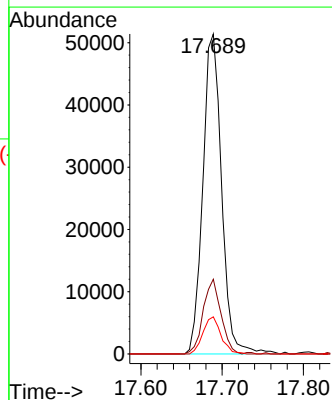
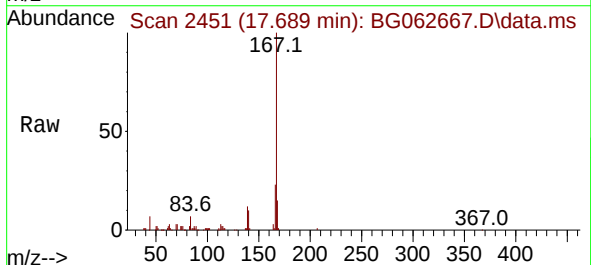
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2024

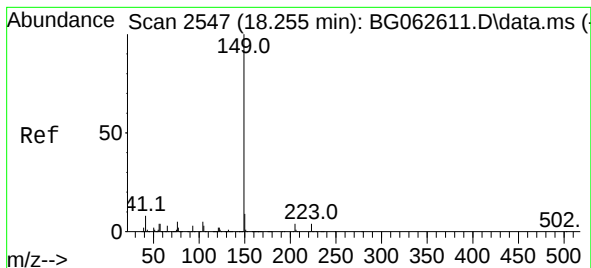
Tgt Ion:178 Resp: 89550
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.7 12.0 18.0



#73
 Carbazole
 Concen: 3.925 ng
 RT: 17.689 min Scan# 2451
 Delta R.T. -0.002 min
 Lab File: BG062667.D
 Acq: 5 Sep 2024 15:10

Tgt Ion:167 Resp: 82362
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 11.6 10.1 15.1





#74

Di-n-butylphthalate

Concen: 3.722 ng

RT: 18.253 min Scan# 2547

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

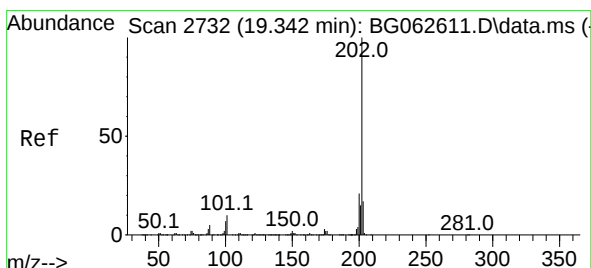
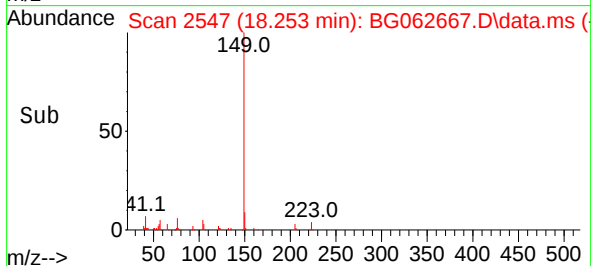
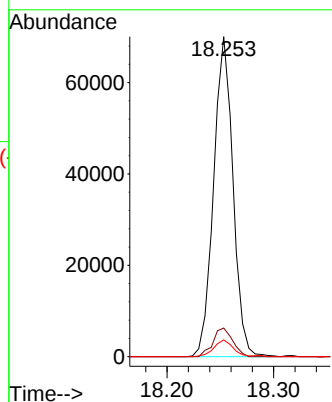
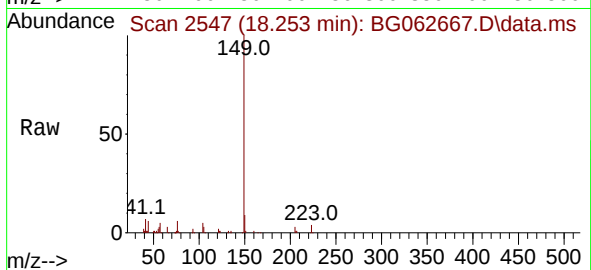
Tgt Ion:149 Resp: 88089

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.2 4.2 6.2



#75

Fluoranthene

Concen: 4.169 ng

RT: 19.340 min Scan# 2732

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

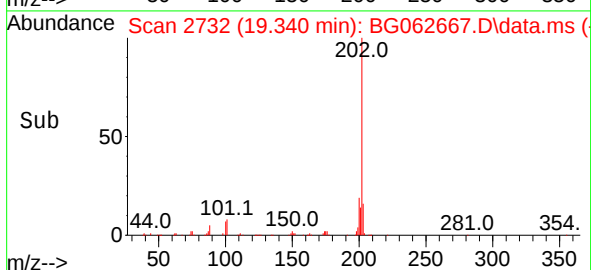
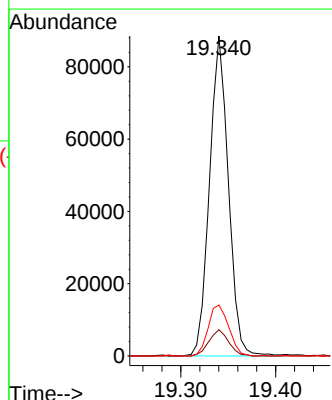
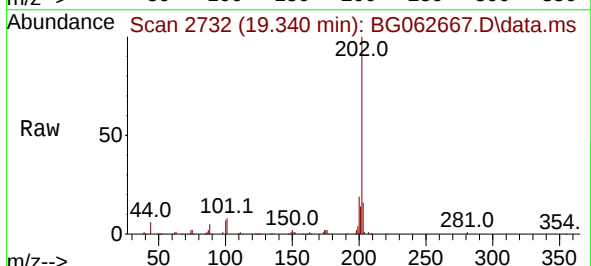
Tgt Ion:202 Resp: 122398

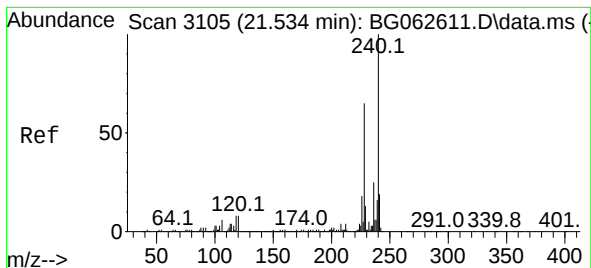
Ion Ratio Lower Upper

202 100

101 8.2 0.0 29.6

203 15.9 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.532 min Scan# 3105

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

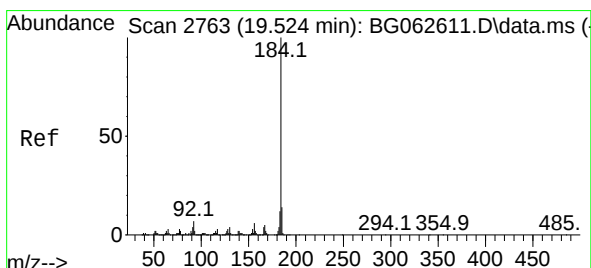
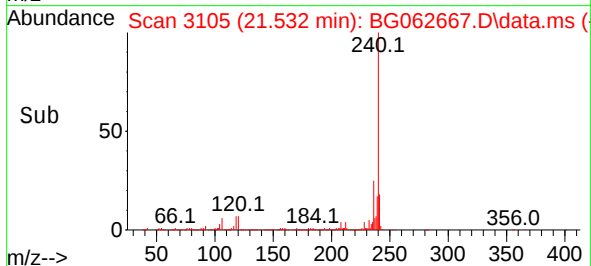
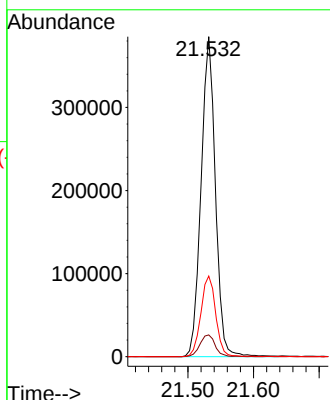
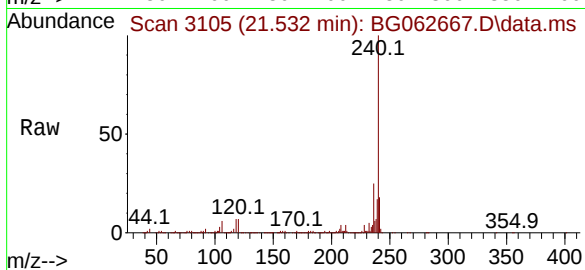
Tgt Ion:240 Resp: 585851

Ion Ratio Lower Upper

240 100

120 6.8 6.6 9.8

236 25.2 20.2 30.4



#77

Benzidine

Concen: 4.537 ng

RT: 19.522 min Scan# 2763

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

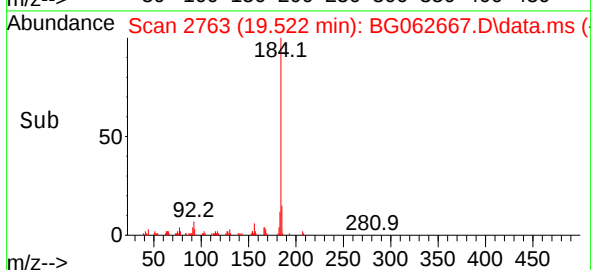
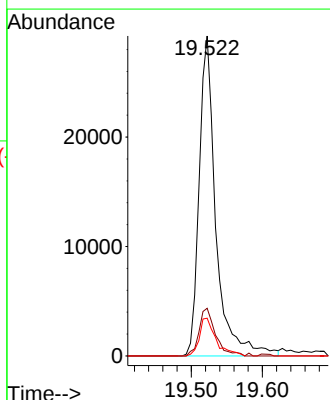
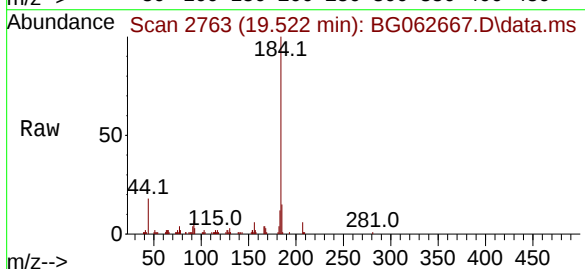
Tgt Ion:184 Resp: 47911

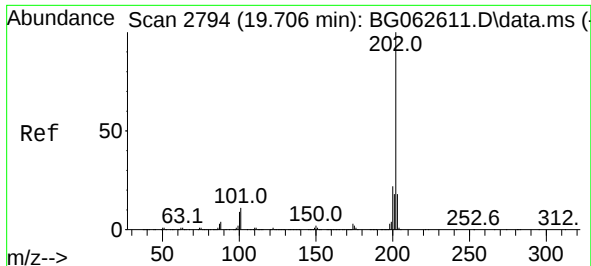
Ion Ratio Lower Upper

184 100

185 14.9 11.0 16.6

183 11.8 9.7 14.5

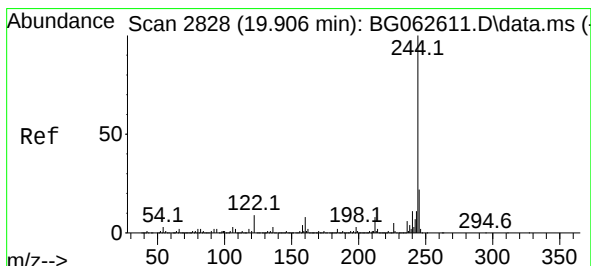
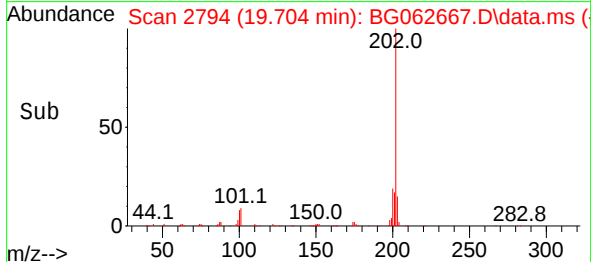
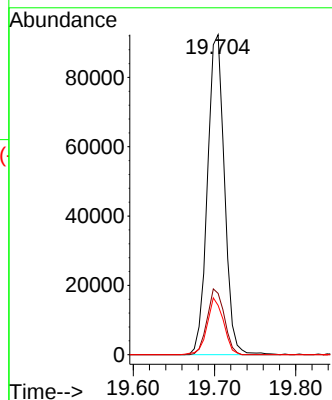
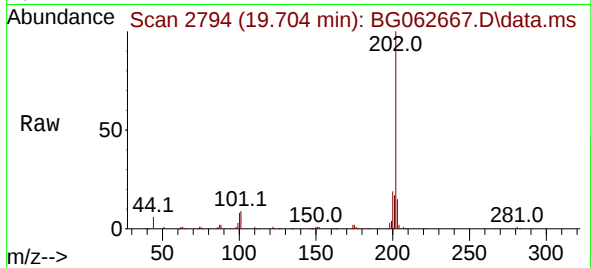




#78
Pyrene
Concen: 3.587 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

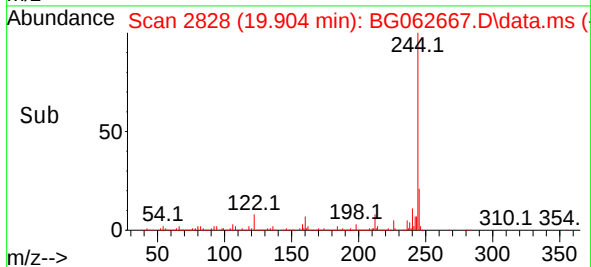
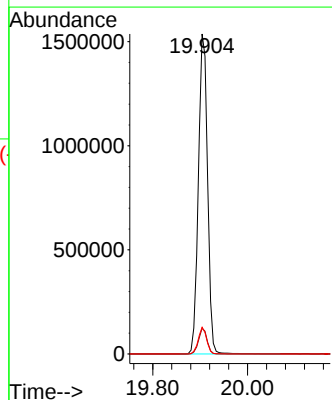
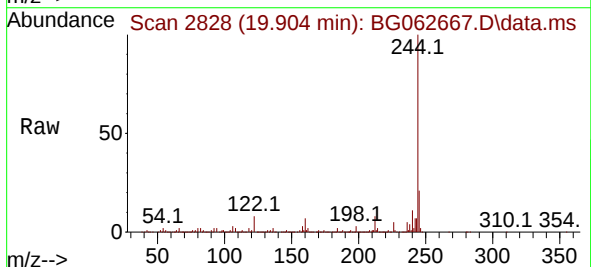
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

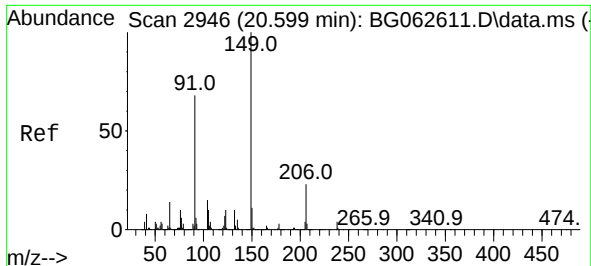
Tgt Ion:202 Resp: 133570
Ion Ratio Lower Upper
202 100
200 19.1 17.4 26.2
203 15.4 14.1 21.1



#79
Terphenyl-d14
Concen: 69.678 ng
RT: 19.904 min Scan# 2828
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:244 Resp: 2058710
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 8.4 7.2 10.8

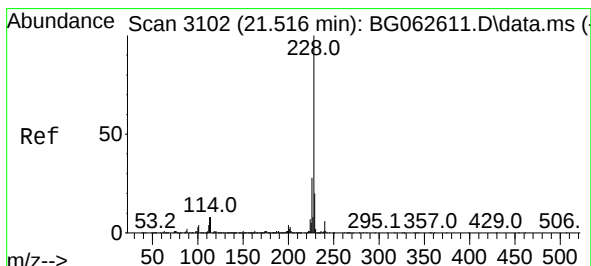
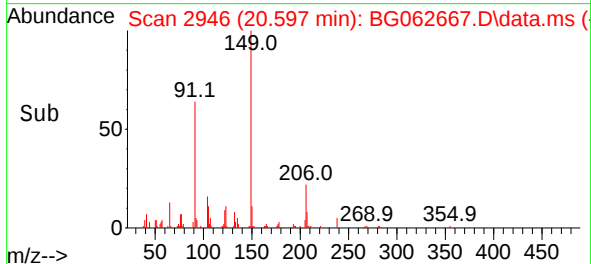
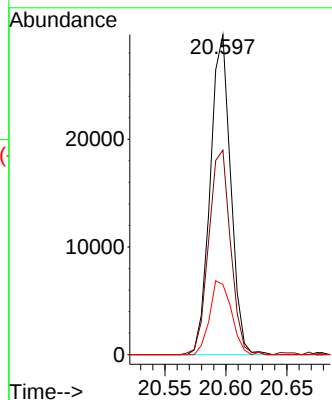
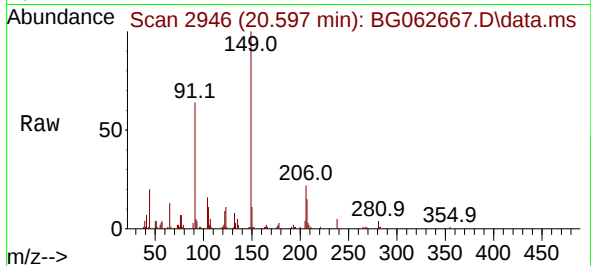




#80
Butylbenzylphthalate
Concen: 3.167 ng
RT: 20.597 min Scan# 2946
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

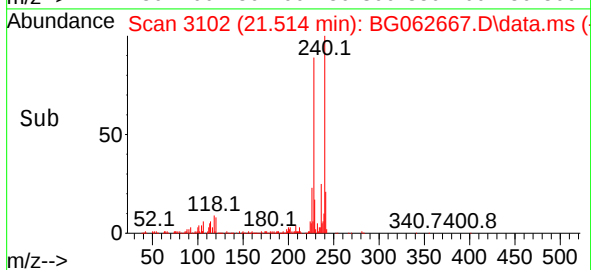
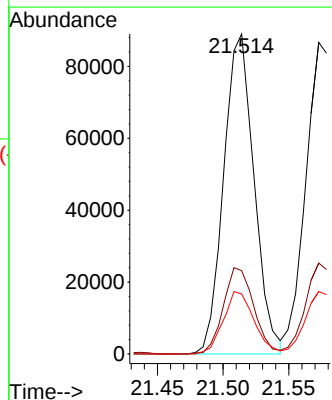
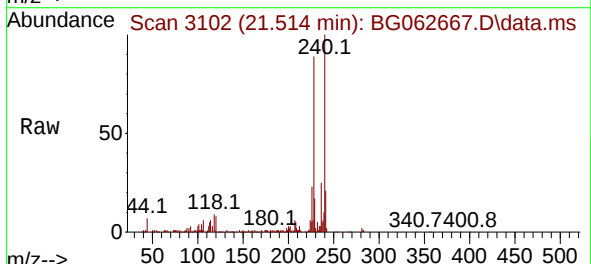
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

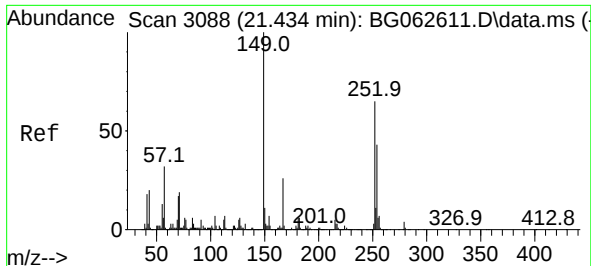
Tgt Ion:	149	Resp:	34646
Ion Ratio	Lower	Upper	
149	100		
91	63.9	54.6	81.8
206	21.9	18.4	27.6



#81
Benzo(a)anthracene
Concen: 3.880 ng
RT: 21.514 min Scan# 3102
Delta R.T. -0.002 min
Lab File: BG062667.D
Acq: 5 Sep 2024 15:10

Tgt Ion:	228	Resp:	143355
Ion Ratio	Lower	Upper	
228	100		
226	26.0	22.3	33.5
229	18.8	16.2	24.2





#82

3,3'-Dichlorobenzidine

Concen: 3.855 ng

RT: 21.432 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

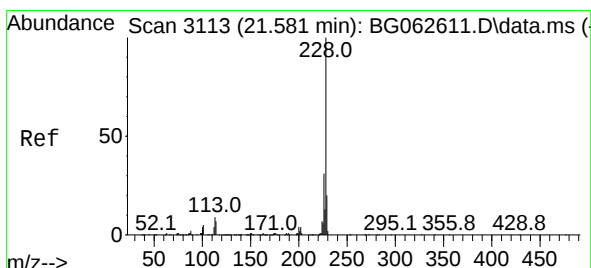
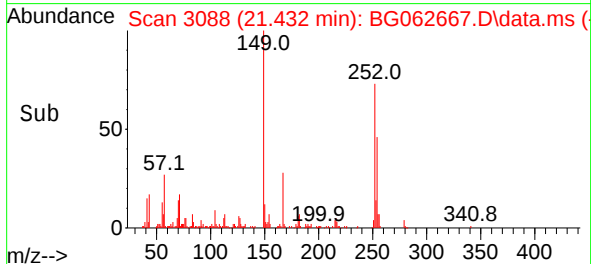
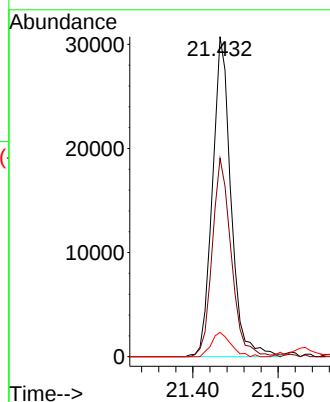
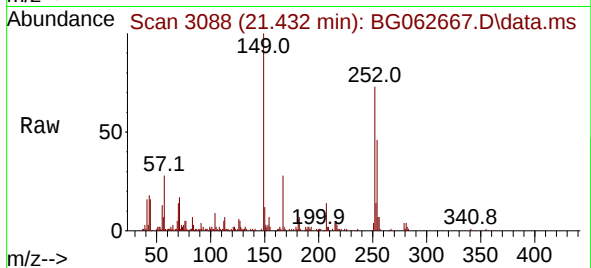
Tgt Ion:252 Resp: 46407

Ion Ratio Lower Upper

252 100

254 62.0 52.2 78.2

126 7.6 6.7 10.1



#83

Chrysene

Concen: 3.983 ng

RT: 21.573 min Scan# 3112

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

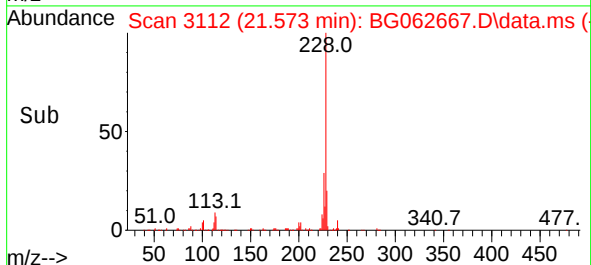
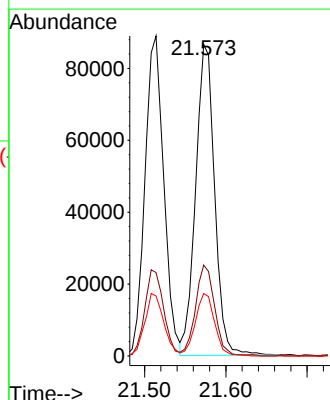
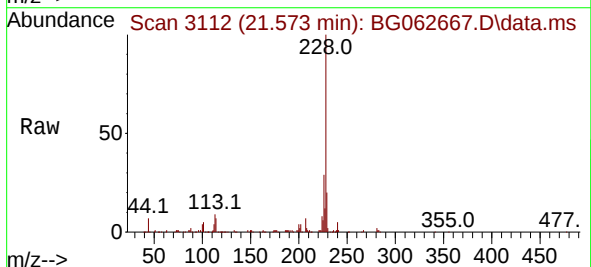
Tgt Ion:228 Resp: 140970

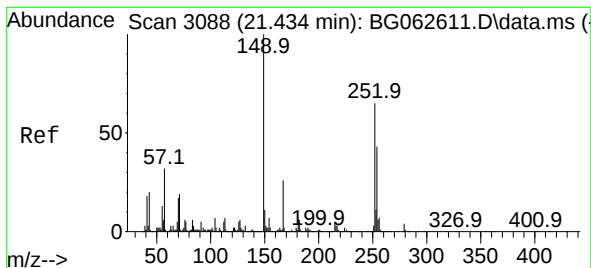
Ion Ratio Lower Upper

228 100

226 29.2 24.9 37.3

229 20.0 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.223 ng

RT: 21.432 min Scan# 3088

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

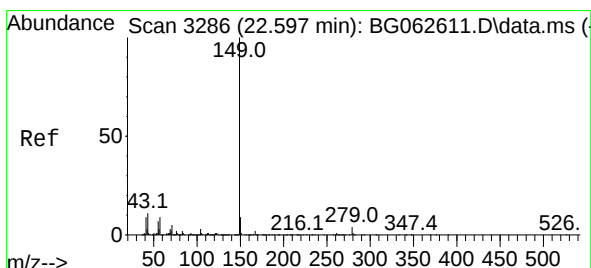
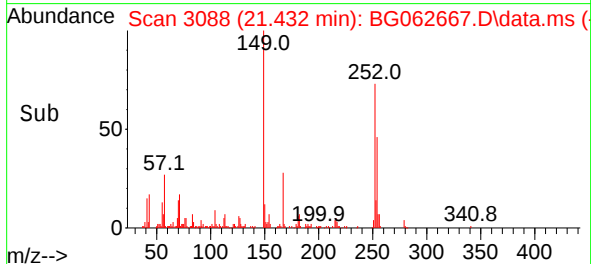
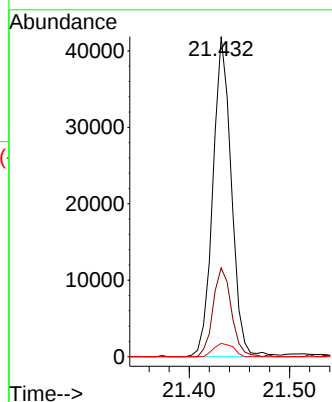
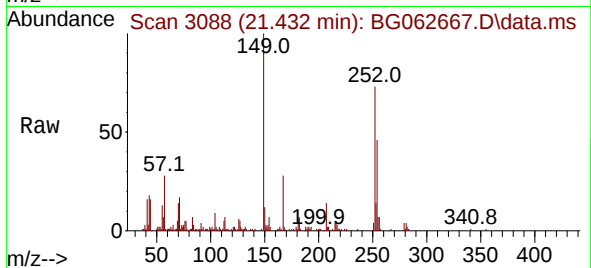
Tgt Ion:149 Resp: 53553

Ion Ratio Lower Upper

149 100

167 27.7 20.5 30.7

279 4.2 3.1 4.7



#85

Di-n-octyl phthalate

Concen: 3.028 ng

RT: 22.595 min Scan# 3286

Delta R.T. -0.002 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

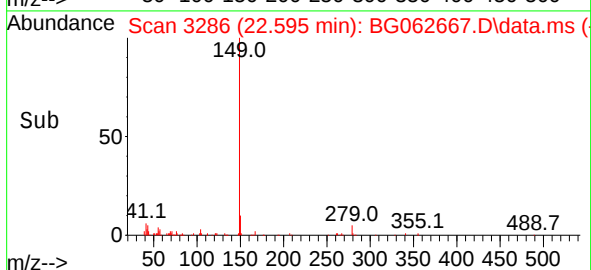
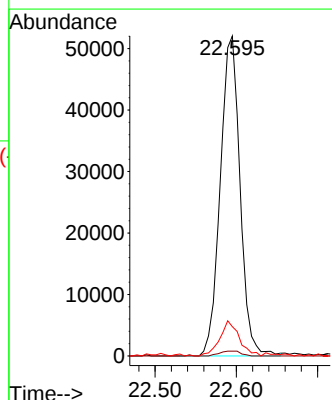
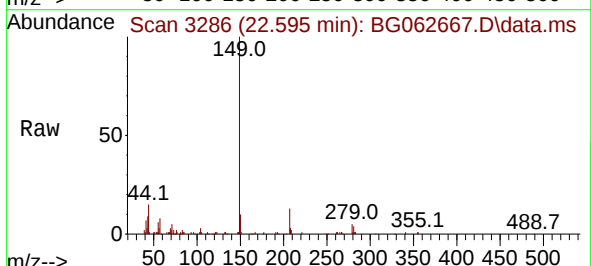
Tgt Ion:149 Resp: 88111

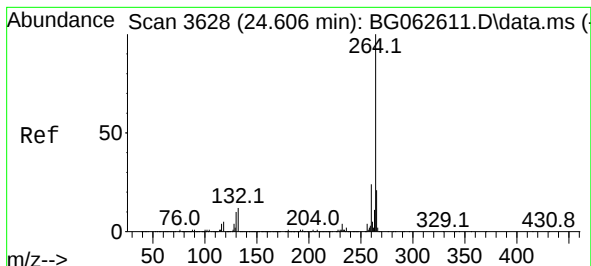
Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.599 min Scan# 3

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

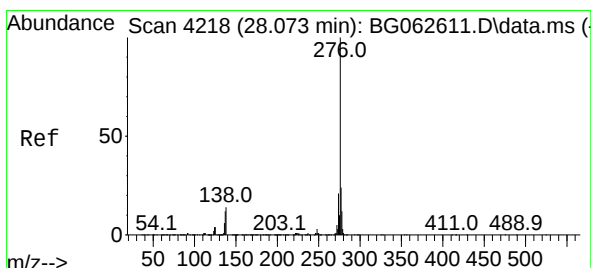
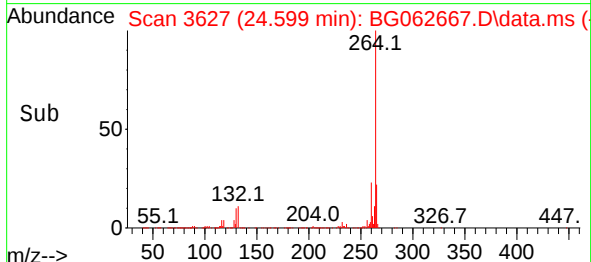
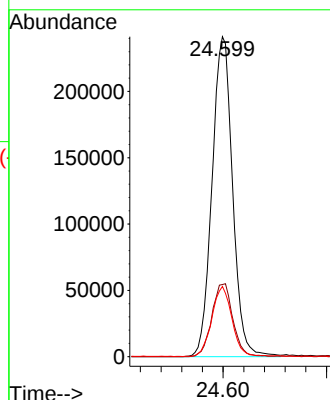
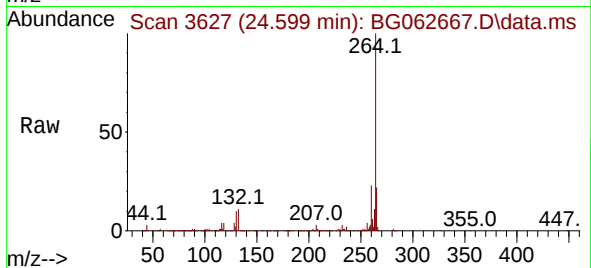
Tgt Ion:264 Resp: 664596

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 21.9 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.780 ng

RT: 28.053 min Scan# 4215

Delta R.T. -0.019 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

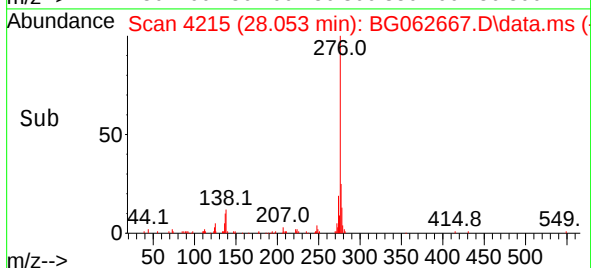
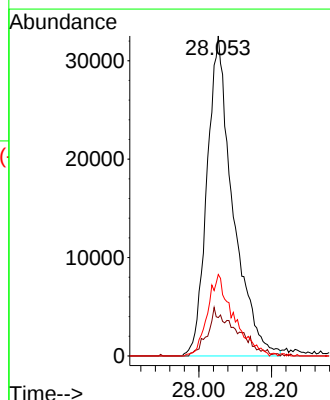
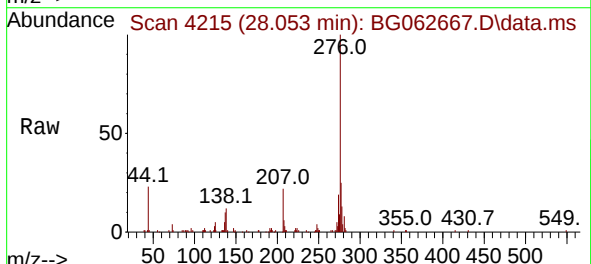
Tgt Ion:276 Resp: 161082

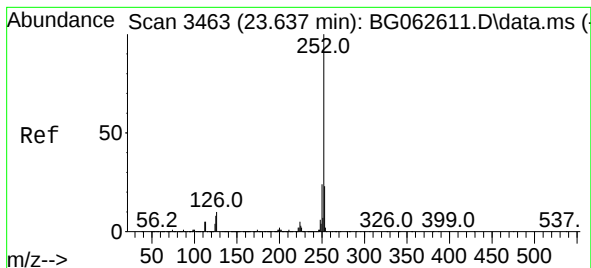
Ion Ratio Lower Upper

276 100

138 16.7 14.9 22.3

277 25.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 3.604 ng

RT: 23.629 min Scan# 3462

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

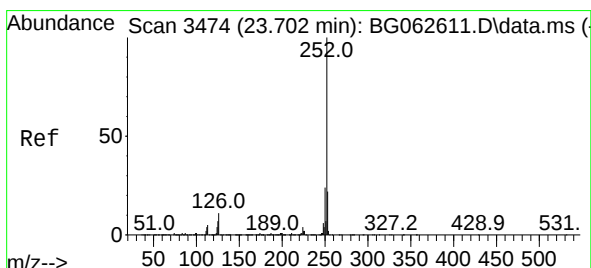
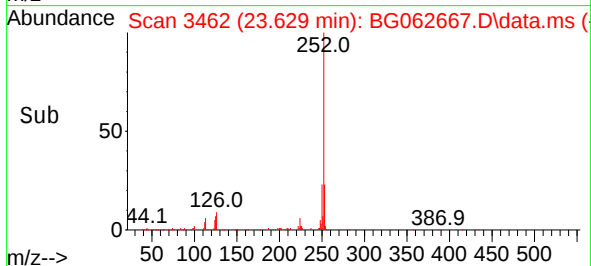
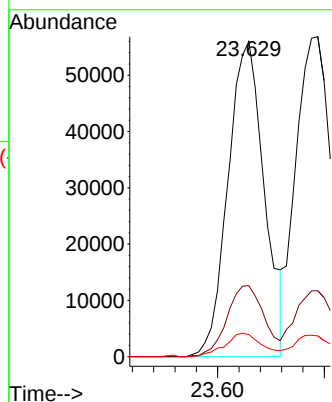
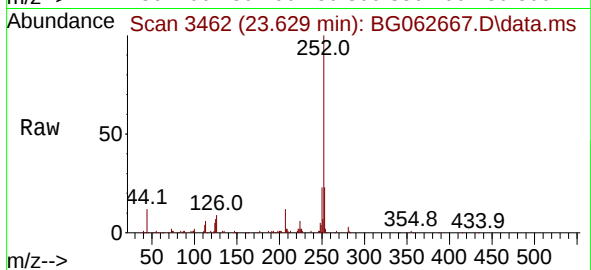
Tgt Ion:252 Resp: 132303

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 7.0 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 3.857 ng

RT: 23.694 min Scan# 3473

Delta R.T. -0.008 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

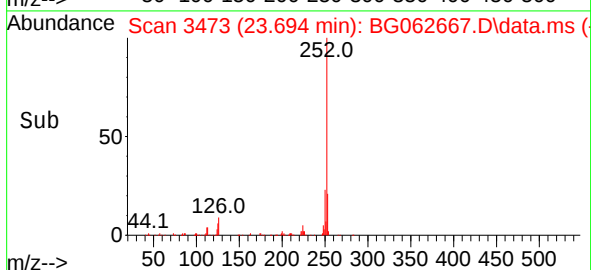
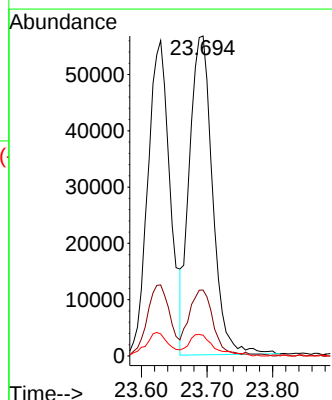
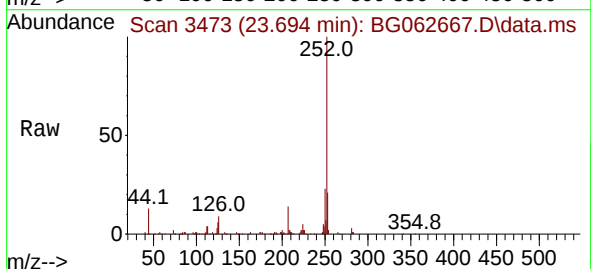
Tgt Ion:252 Resp: 138489

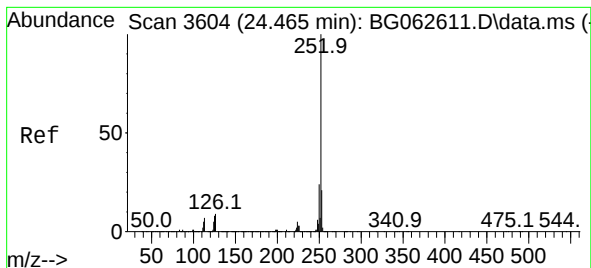
Ion Ratio Lower Upper

252 100

253 20.6 17.8 26.8

125 6.5 6.1 9.1





#90

Benzo(a)pyrene

Concen: 3.764 ng

RT: 24.446 min Scan# 3

Delta R.T. -0.020 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024

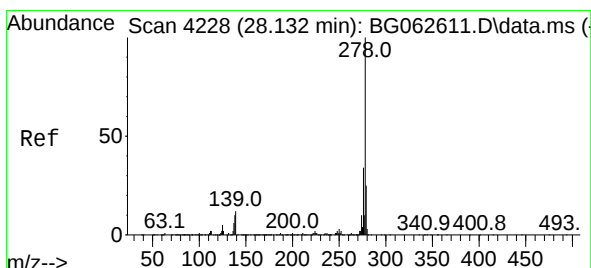
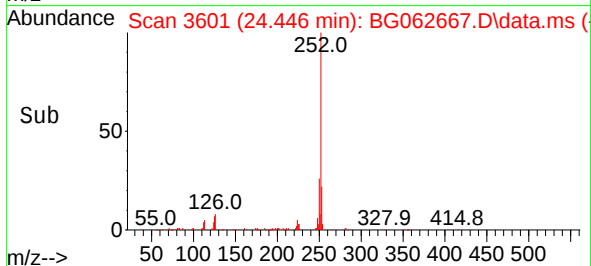
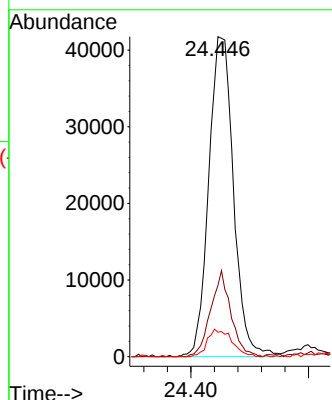
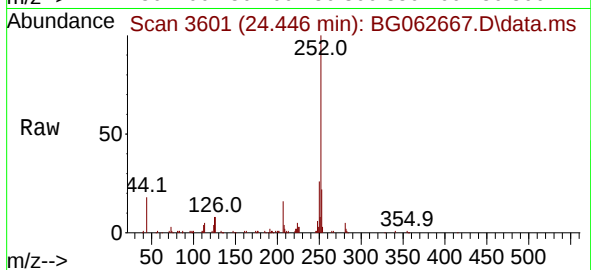
Tgt Ion:252 Resp: 122053

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 7.7 6.6 10.0



#91

Dibenzo(a,h)anthracene

Concen: 3.735 ng

RT: 28.106 min Scan# 4224

Delta R.T. -0.025 min

Lab File: BG062667.D

Acq: 5 Sep 2024 15:10

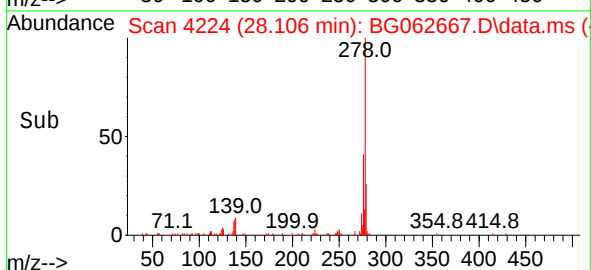
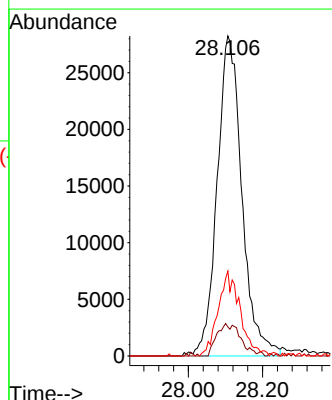
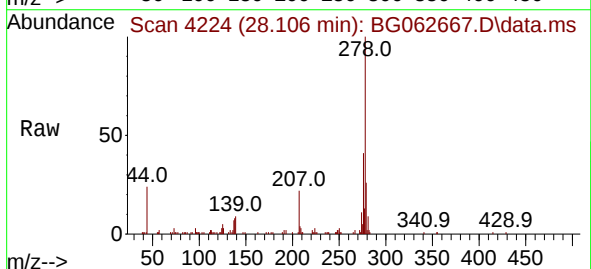
Tgt Ion:278 Resp: 131114

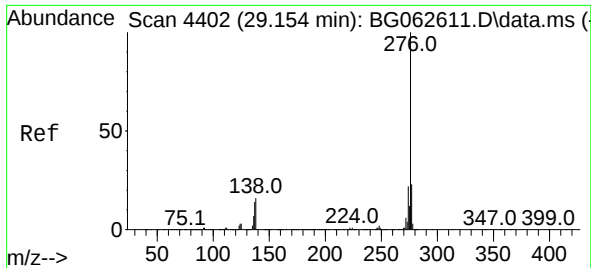
Ion Ratio Lower Upper

278 100

139 9.0 9.2 13.8#

279 26.5 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 3.562 ng

RT: 29.129 min Scan# 44

Delta R.T. -0.025 min

Lab File: BG062667.D

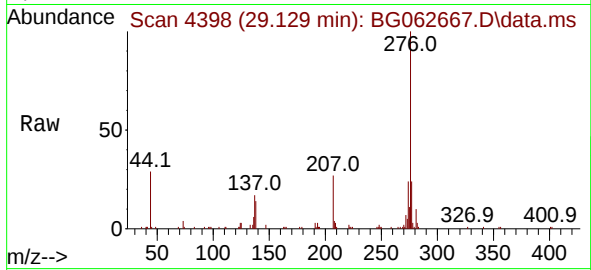
Acq: 5 Sep 2024 15:10

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:276 Resp: 126081

Ion	Ratio	Lower	Upper
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276	100		
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277	24.0	18.8	28.2
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138	13.6	12.7	19.1
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