

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
 Data File : BG063145.D
 Acq On : 1 Nov 2024 12:59
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER 4 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 14:15:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	215422	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	931742	20.000	ng	0.00
39) Acenaphthene-d10	14.478	164	766793	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1779993	20.000	ng	0.00
76) Chrysene-d12	21.482	240	2117043	20.000	ng	0.00
86) Perylene-d12	24.519	264	2373118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.436	112	1426102	102.652	ng	0.00
7) Phenol-d6	7.028	99	2062477	113.290	ng	0.00
23) Nitrobenzene-d5	9.002	82	1657334	77.363	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	1368252	105.048	ng	0.00
45) 2-Fluorobiphenyl	13.103	172	3410216	65.871	ng	0.00
79) Terphenyl-d14	19.860	244	5314928	51.663	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.362	88	21433	3.926	ng	97
3) Pyridine	3.755	79	46275	3.512	ng	97
4) n-Nitrosodimethylamine	3.667	42	35473m	4.334	ng	
6) Aniline	7.181	93	80047	4.889	ng	95
8) 2-Chlorophenol	7.416	128	51174	3.966	ng	93
9) Benzaldehyde	6.993	77	64745	5.723	ng	92
10) Phenol	7.046	94	74908	3.841	ng	78
11) bis(2-Chloroethyl)ether	7.275	93	53190	4.044	ng	88
12) 1,3-Dichlorobenzene	7.745	146	56994m	3.641	ng	
13) 1,4-Dichlorobenzene	7.886	146	55883	3.502	ng	91
14) 1,2-Dichlorobenzene	8.197	146	56439	3.669	ng	96
15) Benzyl Alcohol	8.080	79	61524	4.206	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.362	45	100711	4.221	ng	97
17) 2-Methylphenol	8.285	107	45068	3.633	ng	96
18) Hexachloroethane	8.920	117	20100	3.520	ng	# 71
19) n-Nitroso-di-n-propyla...	8.644	70	51170	4.036	ng	# 88
20) 3+4-Methylphenols	8.614	107	61280	3.704	ng	89
22) Acetophenone	8.661	105	92672	3.712	ng	# 99
24) Nitrobenzene	9.043	77	87939	3.796	ng	93
25) Isophorone	9.560	82	143318	3.868	ng	95
26) 2-Nitrophenol	9.748	139	31402	3.686	ng	93
27) 2,4-Dimethylphenol	9.819	122	20755	1.982	ng	85
28) bis(2-Chloroethoxy)met...	10.048	93	70508	3.629	ng	98
29) 2,4-Dichlorophenol	10.283	162	54059	3.417	ng	92
30) 1,2,4-Trichlorobenzene	10.500	180	67511	3.470	ng	94
31) Naphthalene	10.682	128	173464	3.529	ng	98
32) Benzoic acid	9.925	122	13117m	1.437	ng	
33) 4-Chloroaniline	10.788	127	67867	4.092	ng	95
34) Hexachlorobutadiene	10.970	225	52124	3.255	ng	95
35) Caprolactam	11.540	113	20941m	4.145	ng	
36) 4-Chloro-3-methylphenol	11.922	107	61578	3.379	ng	93
37) 2-Methylnaphthalene	12.292	142	120971	3.470	ng	96
38) 1-Methylnaphthalene	12.516	142	113189m	3.298	ng	
40) 1,2,4,5-Tetrachloroben...	12.668	216	88121	3.198	ng	96
41) Hexachlorocyclopentadiene	12.645	237	7123	0.796	ng	87
43) 2,4,6-Trichlorophenol	12.909	196	52497	3.182	ng	88

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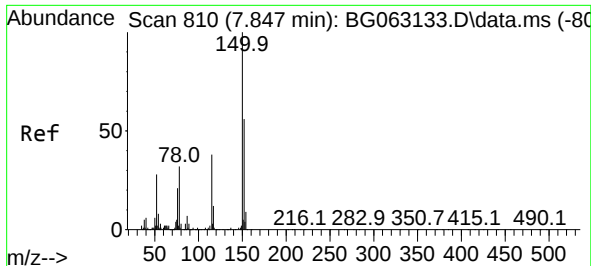
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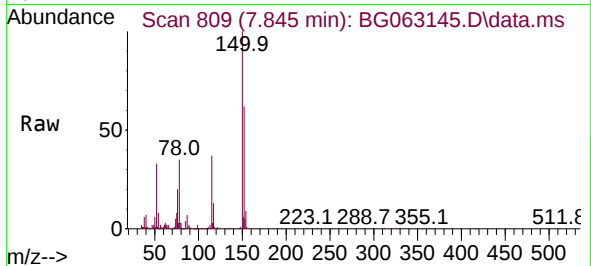
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	59947	3.305	ng	# 91
46) 1,1'-Biphenyl	13.309	154	187076	3.595	ng	97
47) 2-Chloronaphthalene	13.350	162	143616	3.295	ng	95
48) 2-Nitroaniline	13.556	65	48104	3.144	ng	97
49) Acenaphthylene	14.196	152	223728	3.636	ng	97
50) Dimethylphthalate	13.932	163	191039	3.496	ng	98
51) 2,6-Dinitrotoluene	14.055	165	38812	3.326	ng	92
52) Acenaphthene	14.543	154	127788	3.354	ng	94
53) 3-Nitroaniline	14.384	138	38714	3.495	ng	89
54) 2,4-Dinitrophenol	14.596	184	14472	2.034	ng	# 87
55) Dibenzofuran	14.878	168	228579	3.403	ng	95
56) 4-Nitrophenol	14.695	139	26155	3.118	ng	97
57) 2,4-Dinitrotoluene	14.842	165	51922	3.111	ng	# 93
58) Fluorene	15.530	166	173300	3.256	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.107	232	54546m	3.134	ng	
60) Diethylphthalate	15.301	149	192612	3.433	ng	98
61) 4-Chlorophenyl-phenyle...	15.524	204	104710	3.165	ng	97
62) 4-Nitroaniline	15.547	138	38800	3.175	ng	91
63) Azobenzene	15.818	77	200744	3.459	ng	96
65) 4,6-Dinitro-2-methylph...	15.612	198	35874	3.135	ng	92
66) n-Nitrosodiphenylamine	15.741	169	157358	3.544	ng	94
67) 4-Bromophenyl-phenylether	16.417	248	80001	3.667	ng	96
68) Hexachlorobenzene	16.540	284	85714	3.392	ng	# 90
69) Atrazine	16.687	200	72926	3.572	ng	85
70) Pentachlorophenol	16.887	266	29472	2.344	ng	90
71) Phenanthrene	17.269	178	304818	3.532	ng	99
72) Anthracene	17.357	178	279930	3.305	ng	97
73) Carbazole	17.633	167	284900	3.573	ng	96
74) Di-n-butylphthalate	18.197	149	332529	3.674	ng	99
75) Fluoranthene	19.290	202	409949	3.356	ng	99
77) Benzidine	19.472	184	67724	2.076	ng	# 91
78) Pyrene	19.654	202	427516	3.407	ng	96
80) Butylbenzylphthalate	20.553	149	146800	3.631	ng	# 85
81) Benzo(a)anthracene	21.464	228	486756	3.651	ng	92
82) 3,3'-Dichlorobenzidine	21.382	252	160114	3.239	ng	98
83) Chrysene	21.529	228	445241	3.555	ng	94
84) Bis(2-ethylhexyl)phtha...	21.382	149	211837	3.611	ng	98
85) Di-n-octyl phthalate	22.527	149	353707	3.604	ng	99
87) Indeno(1,2,3-cd)pyrene	27.939	276	574964	3.610	ng	# 91
88) Benzo(b)fluoranthene	23.556	252	471105	3.405	ng	93
89) Benzo(k)fluoranthene	23.614	252	472446	3.579	ng	98
90) Benzo(a)pyrene	24.372	252	425487	3.523	ng	98
91) Dibenzo(a,h)anthracene	27.986	278	464580	3.494	ng	# 96
92) Benzo(g,h,i)perylene	28.990	276	437367	3.328	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

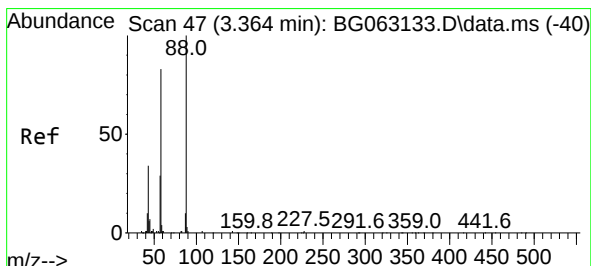
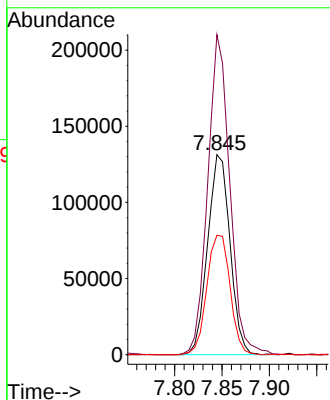
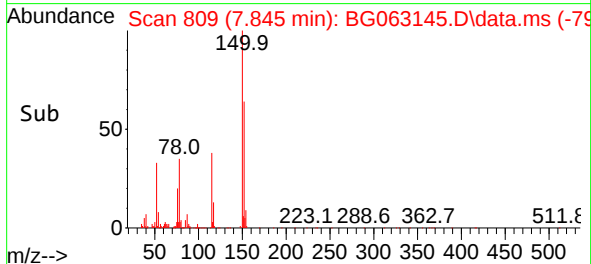
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:152 Resp: 21542
Ion Ratio Lower Upper
152 100
150 160.0 143.1 214.7
115 59.7 55.0 82.4

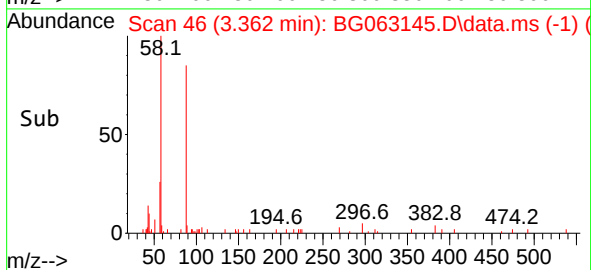
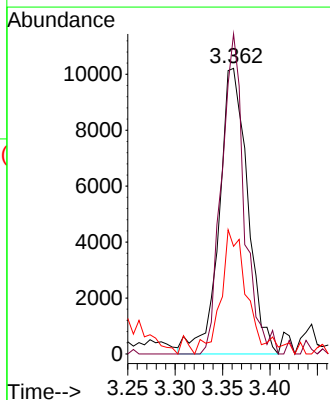
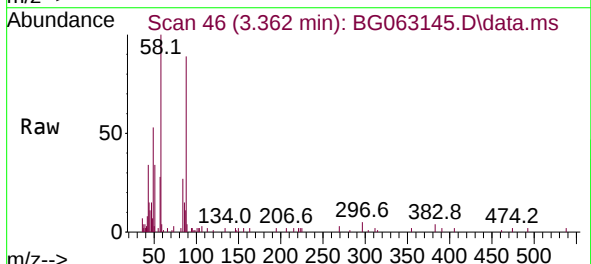
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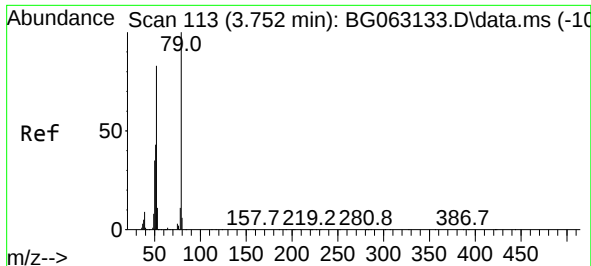
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#2
1,4-Dioxane
Concen: 3.926 ng
RT: 3.362 min Scan# 46
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion: 88 Resp: 21433
Ion Ratio Lower Upper
88 100
58 89.3 73.8 110.6
43 38.0 32.0 48.0





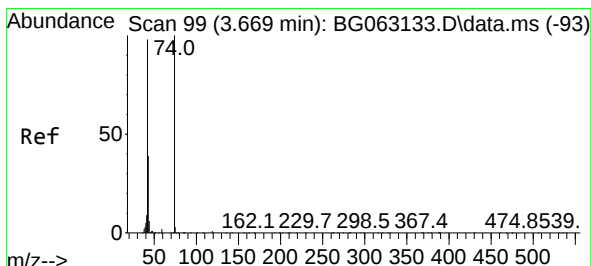
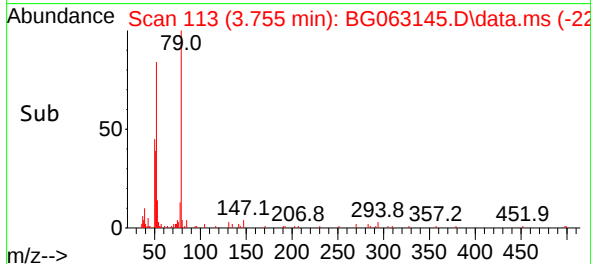
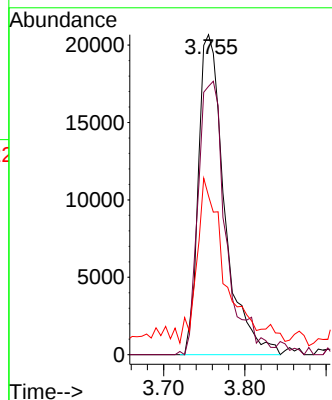
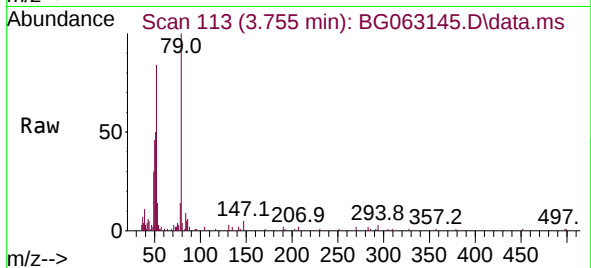
#3
Pyridine
Concen: 3.512 ng
RT: 3.755 min Scan# 113
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 79 Resp: 46275
Ion Ratio Lower Upper
79 100
52 83.9 66.1 99.1
51 49.6 36.6 54.8

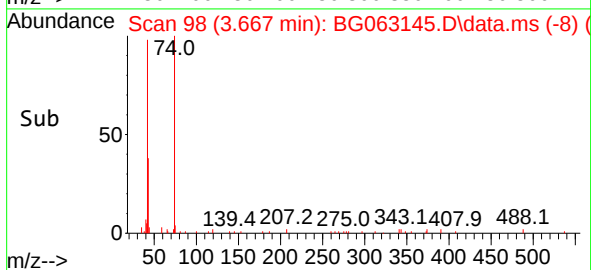
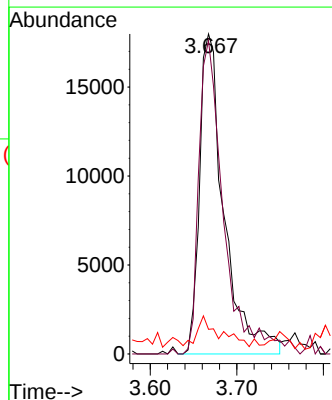
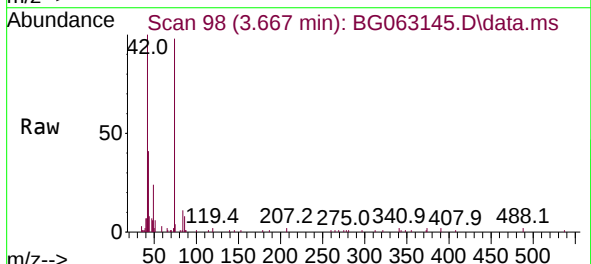
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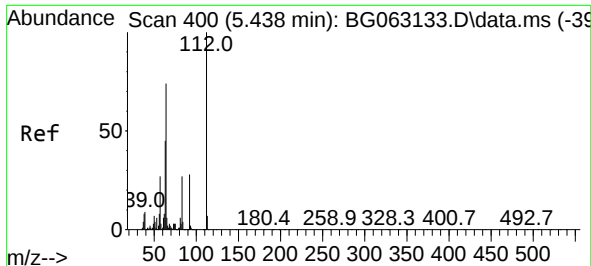
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#4
n-Nitrosodimethylamine
Concen: 4.334 ng m
RT: 3.667 min Scan# 98
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion: 42 Resp: 35473
Ion Ratio Lower Upper
42 100
74 97.9 81.9 122.9
44 7.7 5.8 8.8





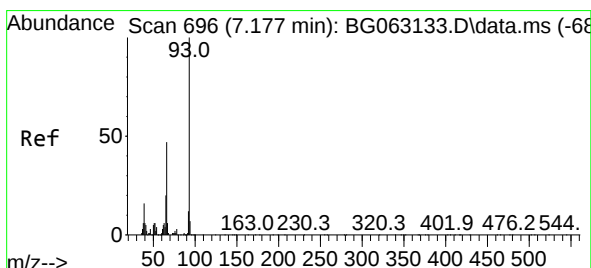
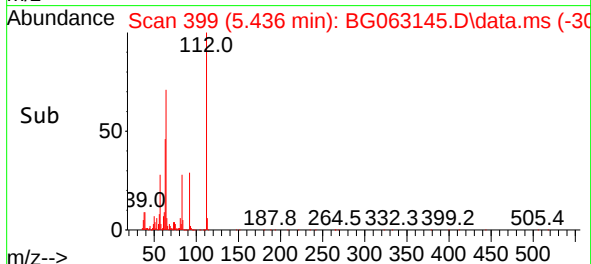
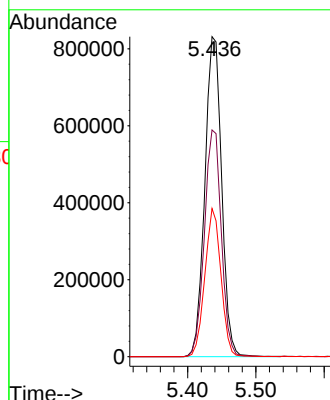
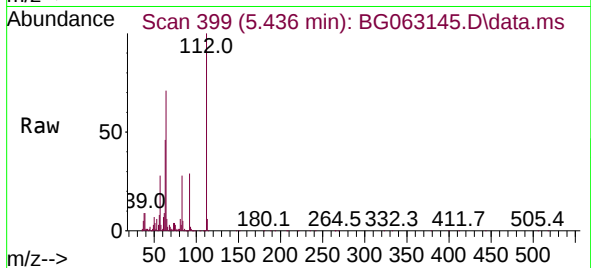
#5
2-Fluorophenol
Concen: 102.652 ng
RT: 5.436 min Scan# 399
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:112 Resp: 142610
Ion Ratio Lower Upper
112 100
64 70.8 59.4 89.0
63 46.3 35.8 53.6

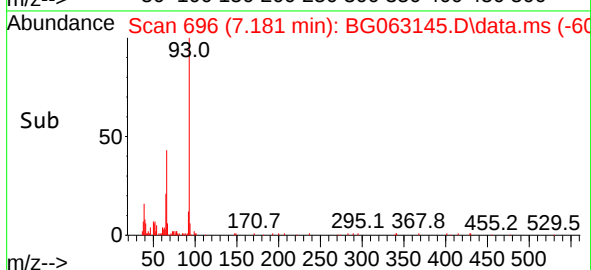
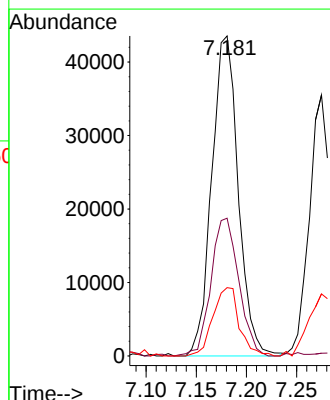
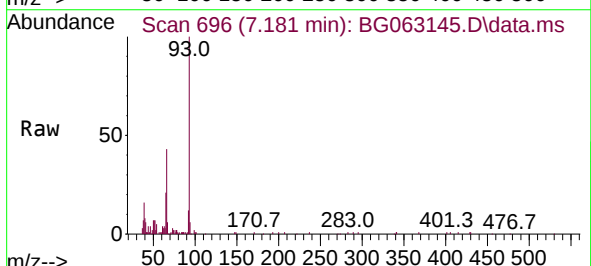
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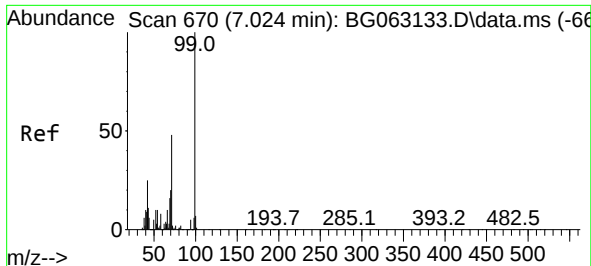
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#6
Aniline
Concen: 4.889 ng
RT: 7.181 min Scan# 696
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

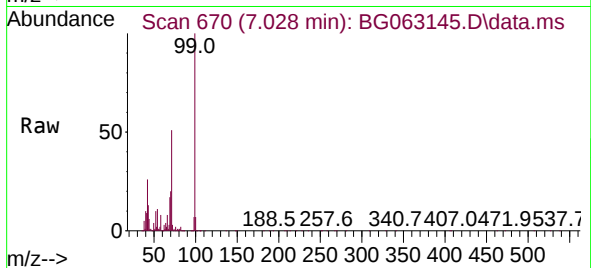
Tgt Ion: 93 Resp: 80047
Ion Ratio Lower Upper
93 100
66 43.1 37.8 56.8
65 21.3 16.1 24.1





#7
Phenol-d6
Concen: 113.290 ng
RT: 7.028 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

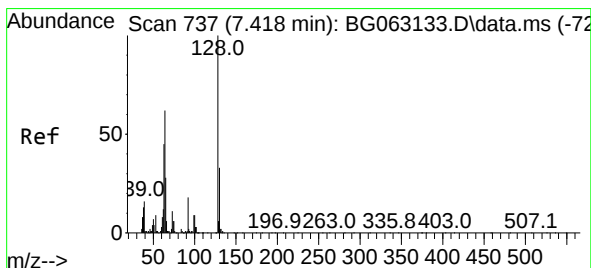
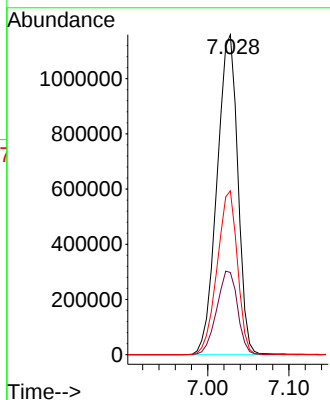
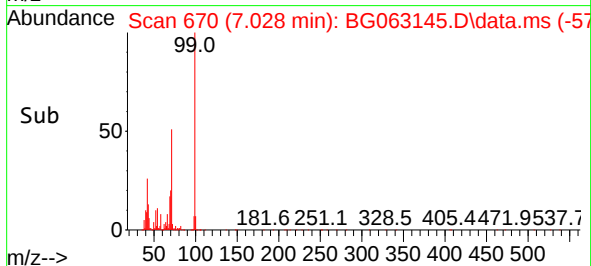
Instrument :
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Tgt Ion: 99 Resp: 206247
Ion Ratio Lower Upper
99 100
42 25.7 20.0 30.0
71 51.2 38.2 57.4

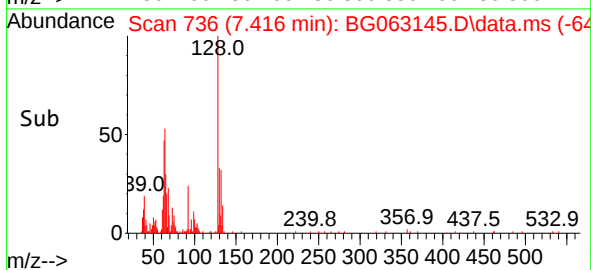
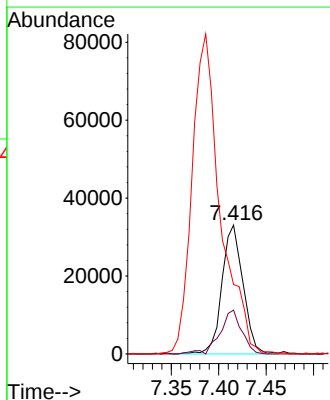
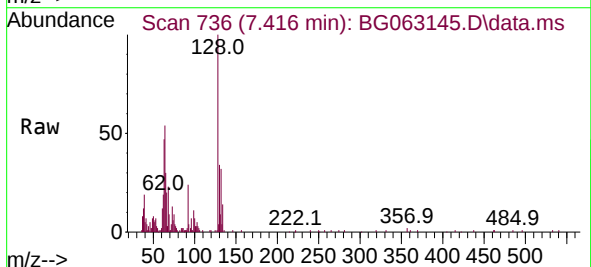
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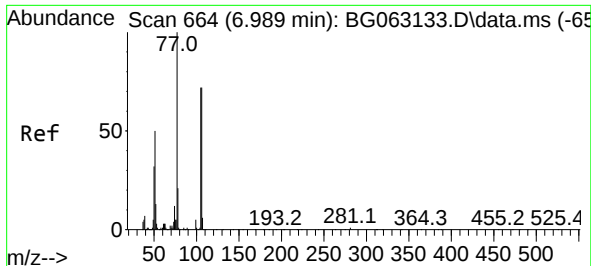
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#8
2-Chlorophenol
Concen: 3.966 ng
RT: 7.416 min Scan# 736
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

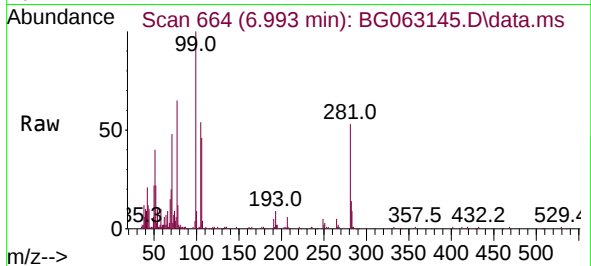
Tgt Ion:128 Resp: 51174
Ion Ratio Lower Upper
128 100
130 34.1 13.3 53.3
64 53.9 41.8 81.8





#9
Benzaldehyde
Concen: 5.723 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

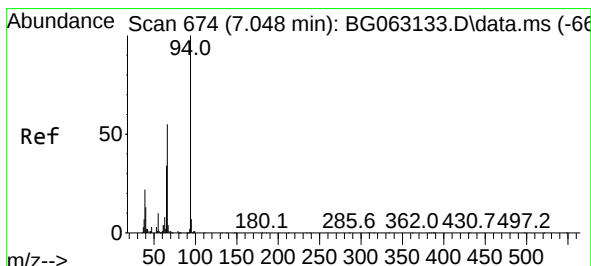
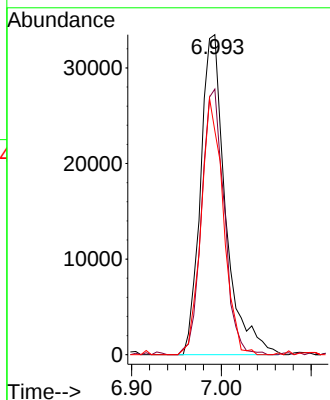
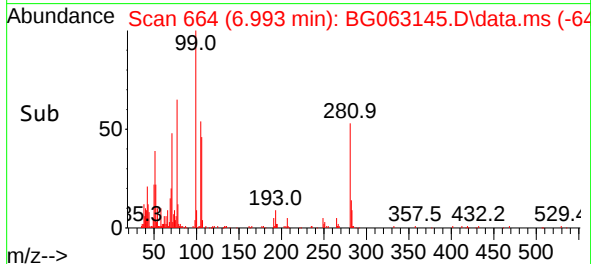
Instrument :
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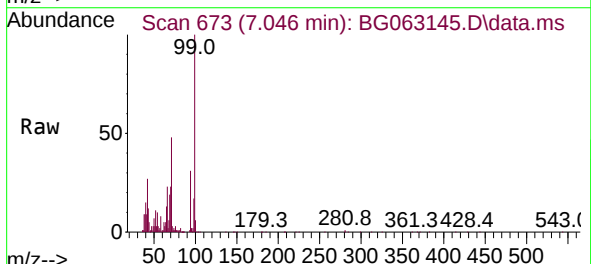
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Ion Ratio Lower Upper
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106 70.0 52.2 92.2

Manual Integrations
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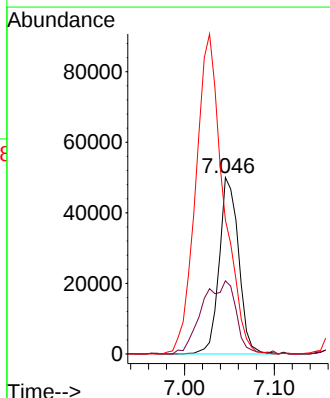
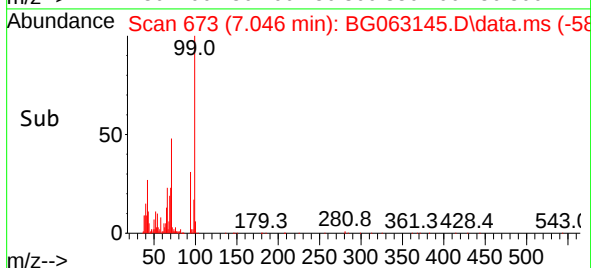
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

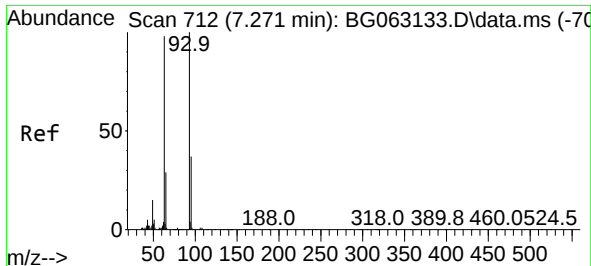


#10
Phenol
Concen: 3.841 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



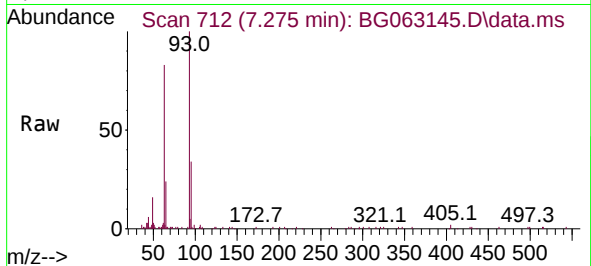
Tgt Ion: 94 Resp: 74908
Ion Ratio Lower Upper
94 100
65 41.5 14.2 54.2
66 75.9 36.2 76.2





#11
bis(2-Chloroethyl)ether
Concen: 4.044 ng
RT: 7.275 min Scan# 712
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

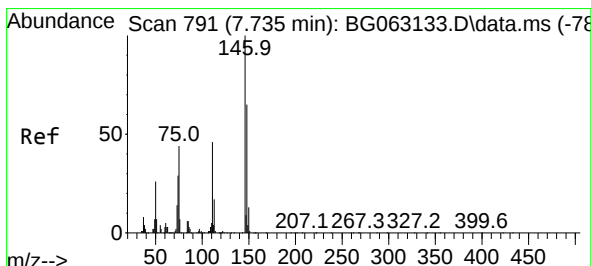
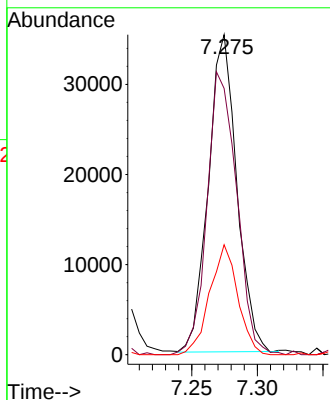
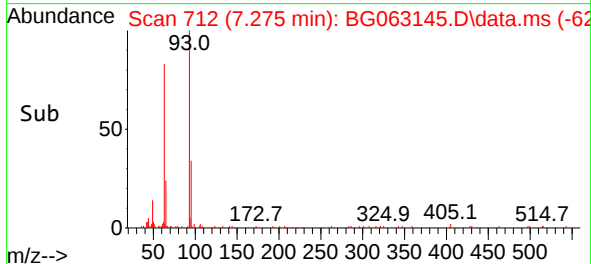
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 93 Resp: 53190
Ion Ratio Lower Upper
93 100
63 83.2 77.5 117.5
95 34.4 16.5 56.5

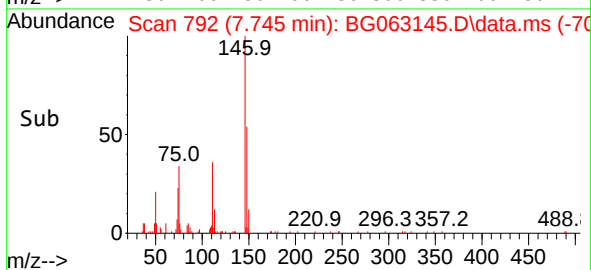
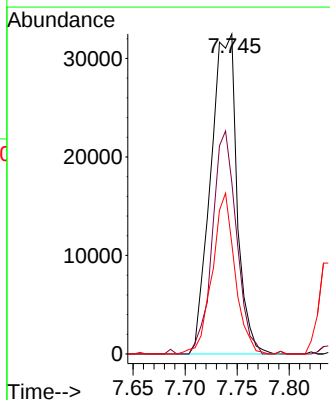
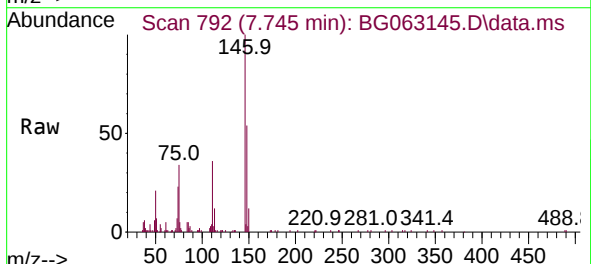
Manual Integrations
APPROVED

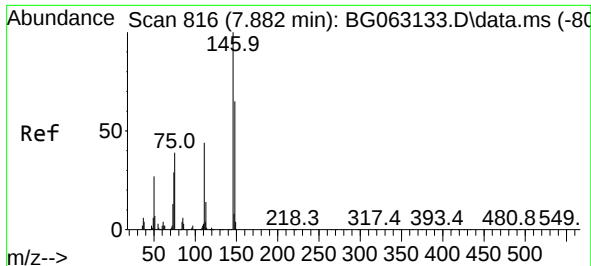
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#12
1,3-Dichlorobenzene
Concen: 3.641 ng m
RT: 7.745 min Scan# 792
Delta R.T. 0.010 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:146 Resp: 56994
Ion Ratio Lower Upper
146 100
148 53.7 51.7 77.5
75 34.5 35.7 53.5#





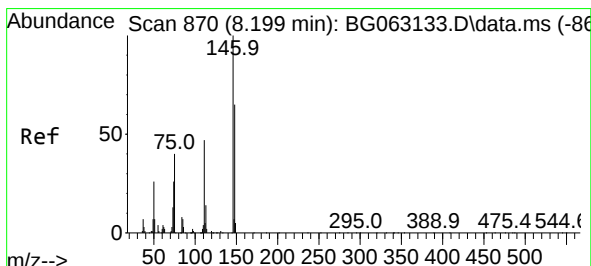
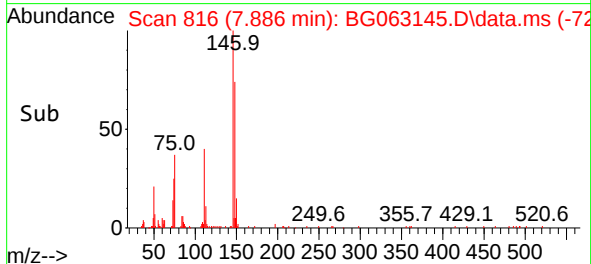
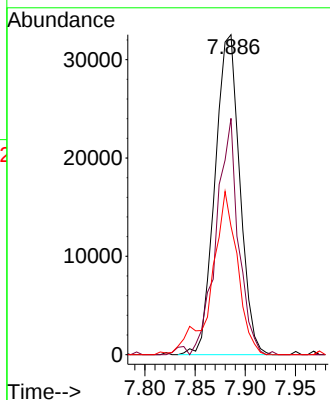
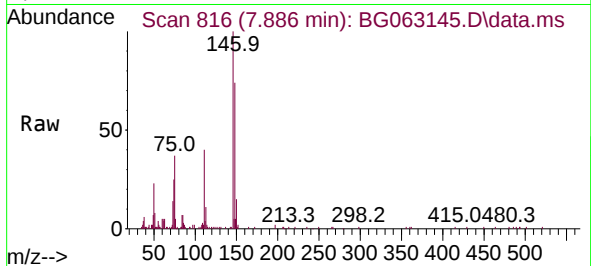
#13
1,4-Dichlorobenzene
Concen: 3.502 ng
RT: 7.886 min Scan# 816
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:146 Resp: 5588
Ion Ratio Lower Upper
146 100
148 73.9 52.3 78.5
111 40.1 35.8 53.6

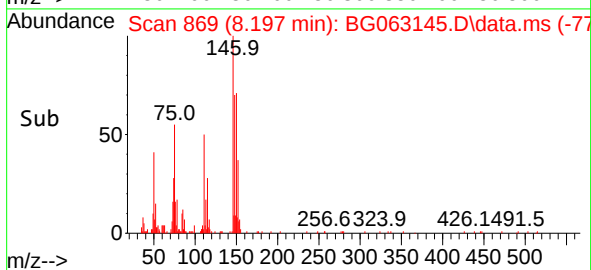
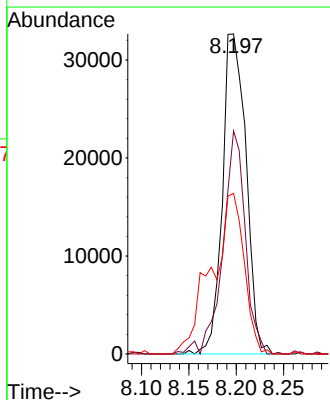
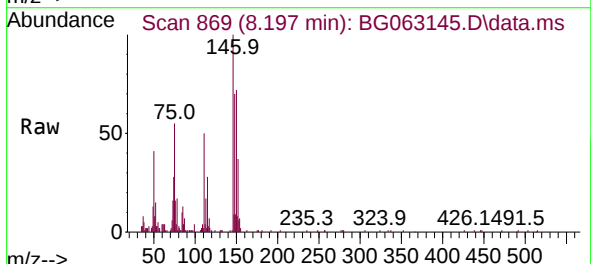
Manual Integrations
APPROVED

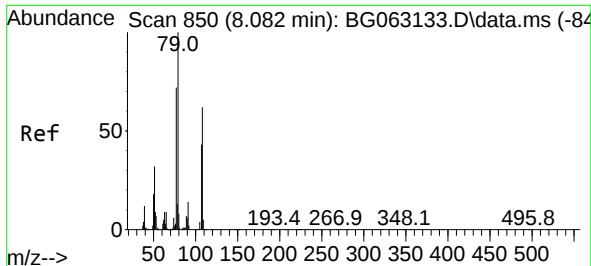
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#14
1,2-Dichlorobenzene
Concen: 3.669 ng
RT: 8.197 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

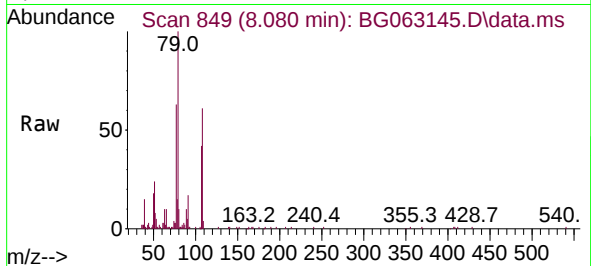
Tgt Ion:146 Resp: 56439
Ion Ratio Lower Upper
146 100
148 69.7 52.3 78.5
111 50.2 38.5 57.7





#15
Benzyl Alcohol
Concen: 4.206 ng
RT: 8.080 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

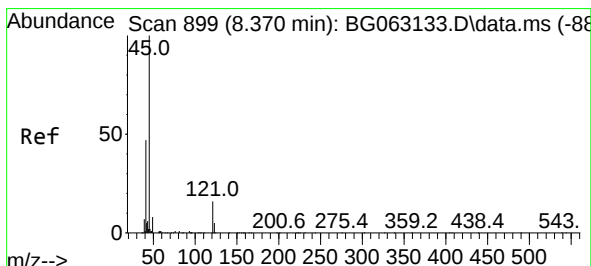
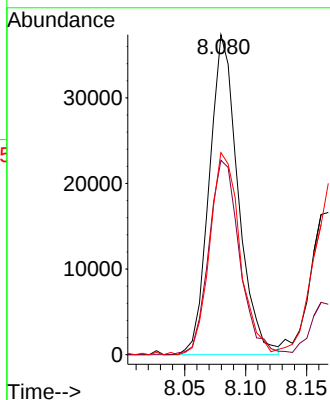
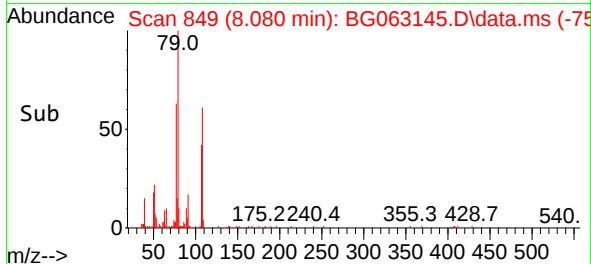
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



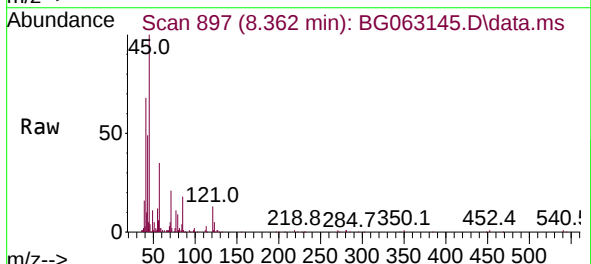
Tgt Ion: 79 Resp: 61524
Ion Ratio Lower Upper
79 100
108 60.7 49.5 74.3
77 63.2 57.6 86.4

Manual Integrations
APPROVED

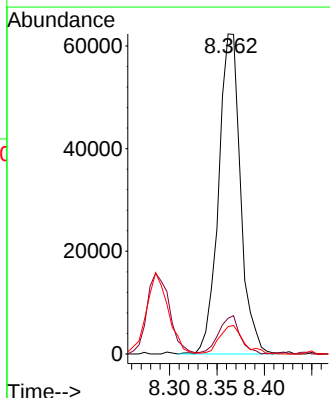
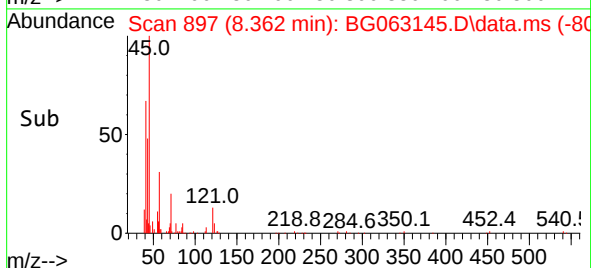
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

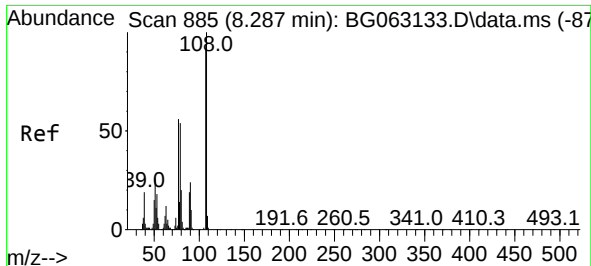


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.221 ng
RT: 8.362 min Scan# 897
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



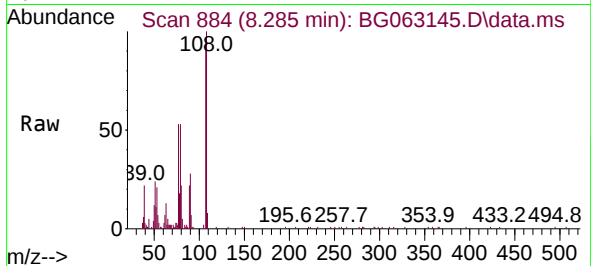
Tgt Ion: 45 Resp: 100711
Ion Ratio Lower Upper
45 100
77 11.1 0.0 32.4
79 8.6 0.0 29.7





#17
2-Methylphenol
Concen: 3.633 ng
RT: 8.285 min Scan# 885
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

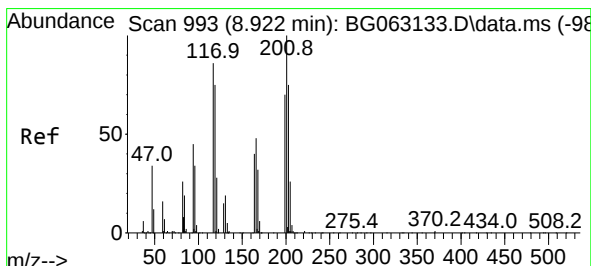
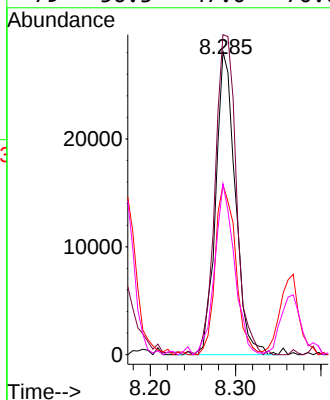
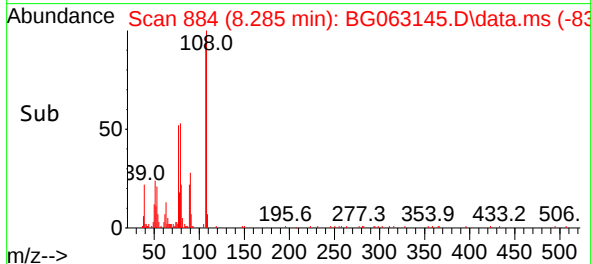
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:107 Resp: 45068
Ion Ratio Lower Upper
107 100
108 105.6 87.1 130.7
77 56.1 48.9 73.3
79 56.3 47.0 70.6

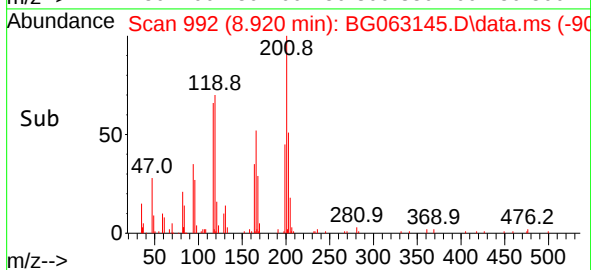
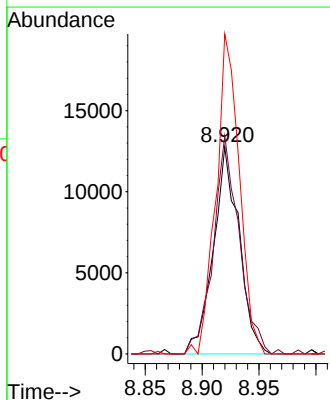
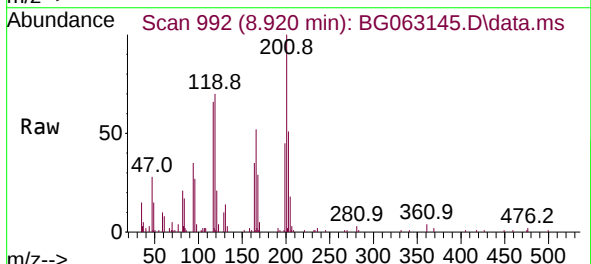
Manual Integrations
APPROVED

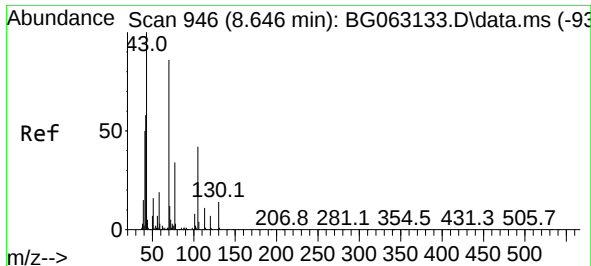
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#18
Hexachloroethane
Concen: 3.520 ng
RT: 8.920 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

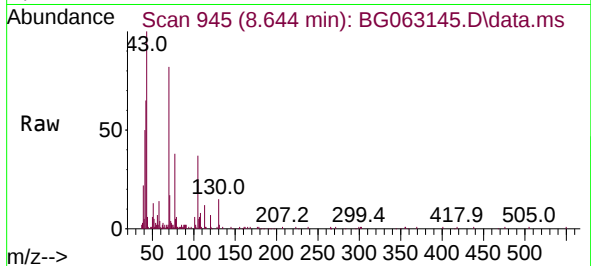
Tgt Ion:117 Resp: 20100
Ion Ratio Lower Upper
117 100
119 105.3 69.7 104.5#
201 154.4 92.6 138.8#





#19
n-Nitroso-di-n-propylamine
Concen: 4.036 ng
RT: 8.644 min Scan# 946
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

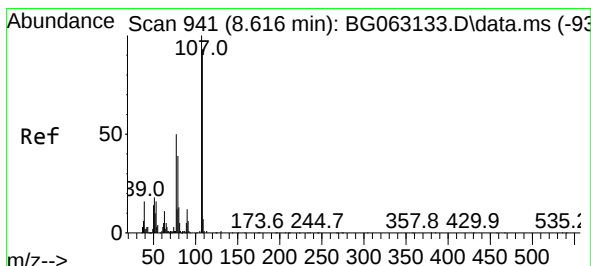
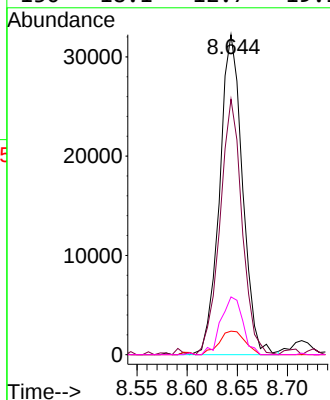
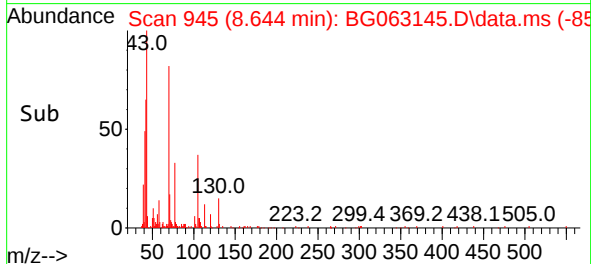
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 70 Resp: 51170
Ion Ratio Lower Upper
70 100
42 79.8 54.2 81.2
101 7.4 7.7 11.5
130 18.1 12.7 19.1

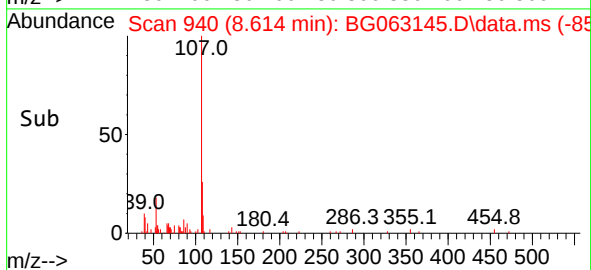
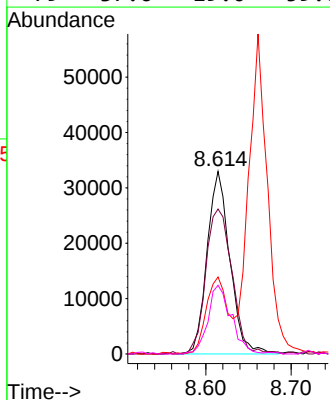
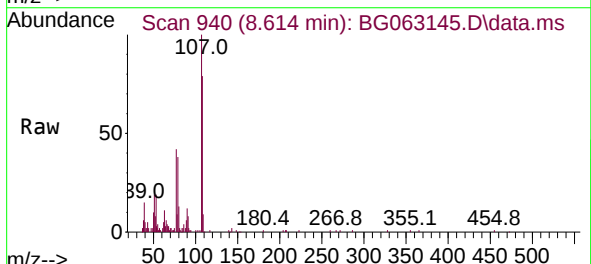
Manual Integrations
APPROVED

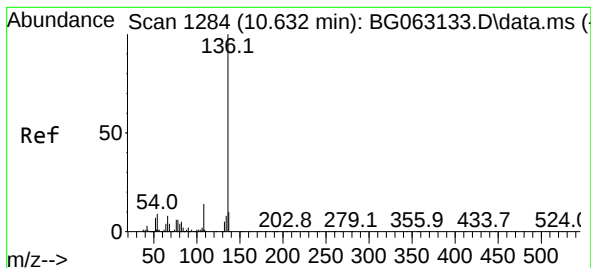
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#20
3+4-Methylphenols
Concen: 3.704 ng
RT: 8.614 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

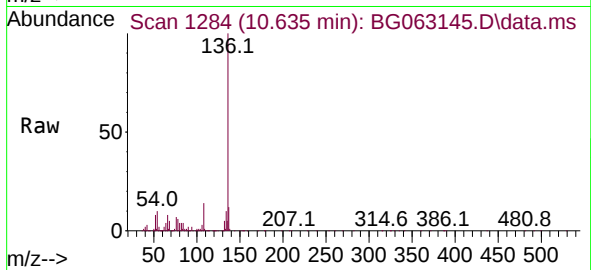
Tgt Ion:107 Resp: 61280
Ion Ratio Lower Upper
107 100
108 79.4 73.1 113.1
77 42.1 30.2 70.2
79 37.6 19.0 59.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 1284
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

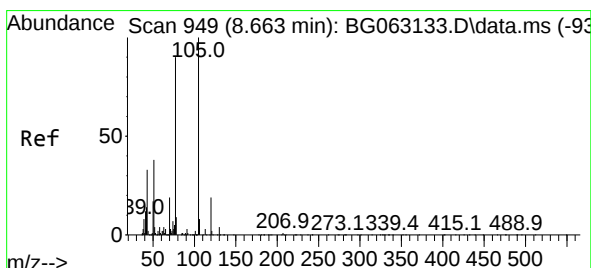
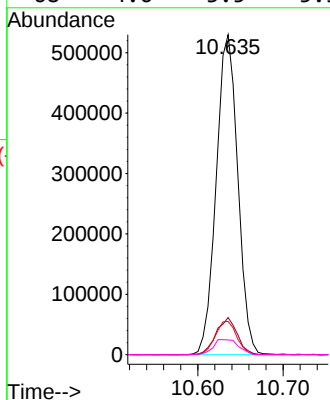
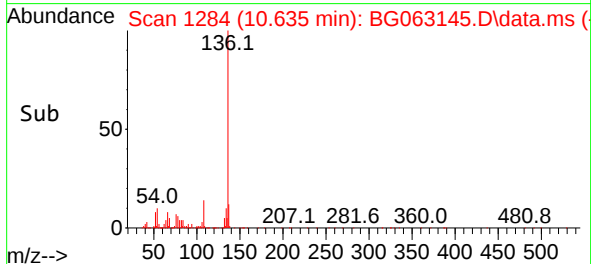
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:136 Resp: 931742
Ion Ratio Lower Upper
136 100
137 11.6 7.8 11.6
54 10.4 7.3 10.9
68 4.6 3.5 5.3

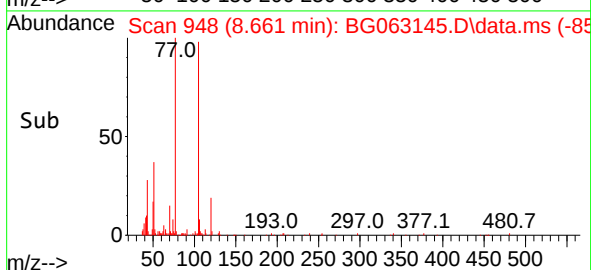
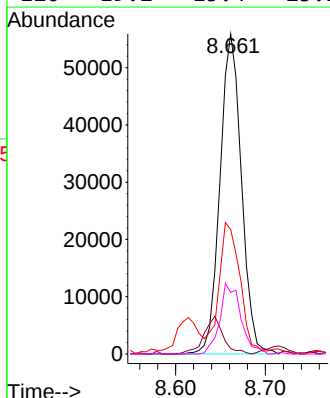
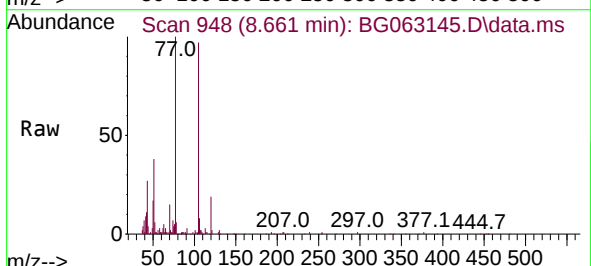
Manual Integrations
APPROVED

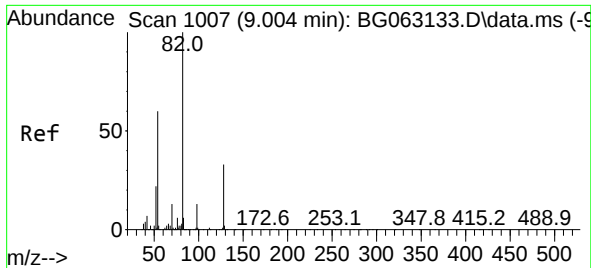
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#22
Acetophenone
Concen: 3.712 ng
RT: 8.661 min Scan# 948
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

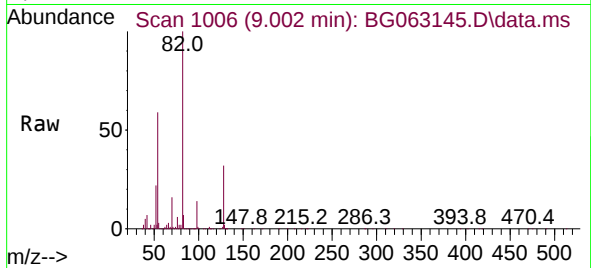
Tgt Ion:105 Resp: 92672
Ion Ratio Lower Upper
105 100
71 1.7 2.3 3.5#
51 38.9 30.5 45.7
120 19.2 15.4 23.2





#23
Nitrobenzene-d5
Concen: 77.363 ng
RT: 9.002 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

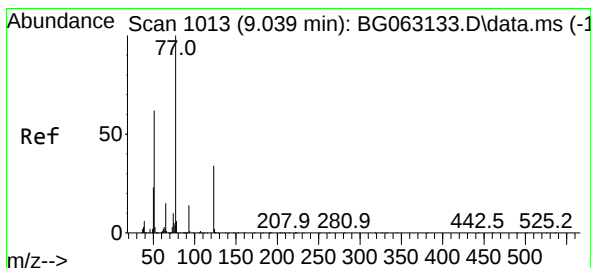
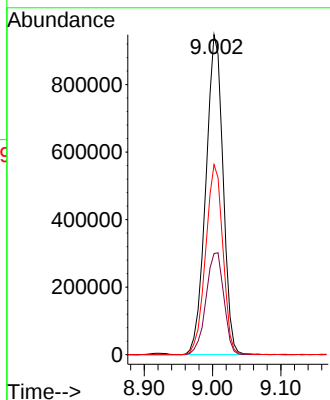
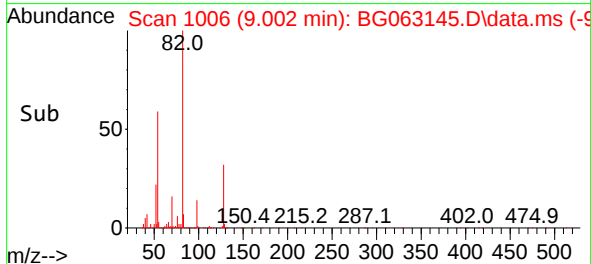
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 82 Resp: 1657334
Ion Ratio Lower Upper
82 100
128 31.6 26.6 39.8
54 59.4 47.8 71.8

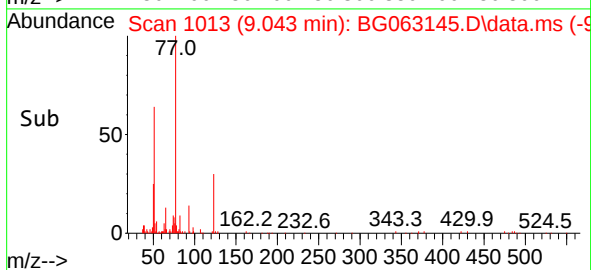
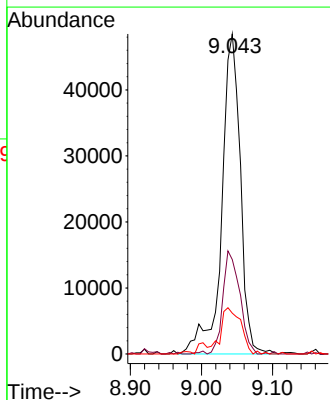
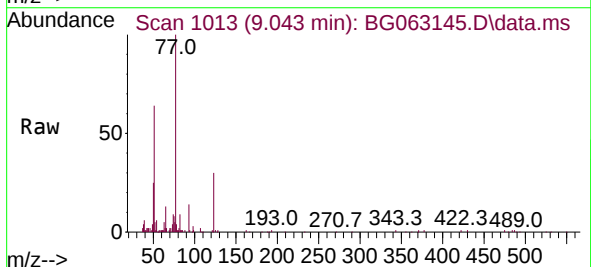
Manual Integrations
APPROVED

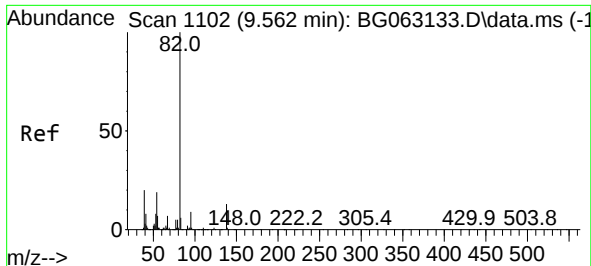
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#24
Nitrobenzene
Concen: 3.796 ng
RT: 9.043 min Scan# 1013
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

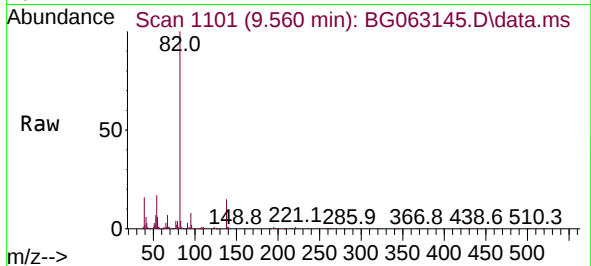
Tgt Ion: 77 Resp: 87939
Ion Ratio Lower Upper
77 100
123 29.5 26.9 40.3
65 12.8 12.3 18.5





#25
Isophorone
Concen: 3.868 ng
RT: 9.560 min Scan# 1102
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

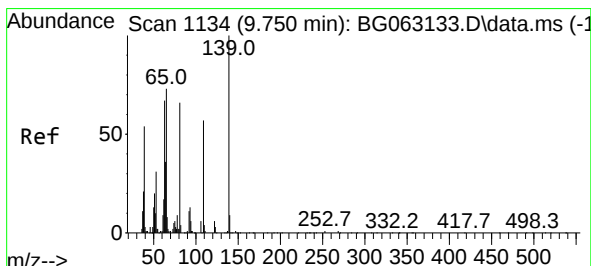
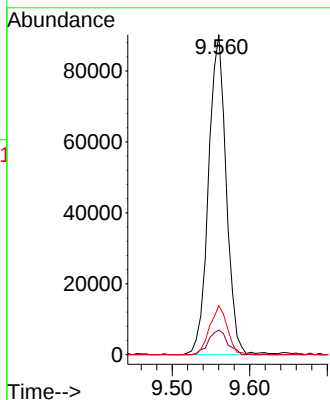
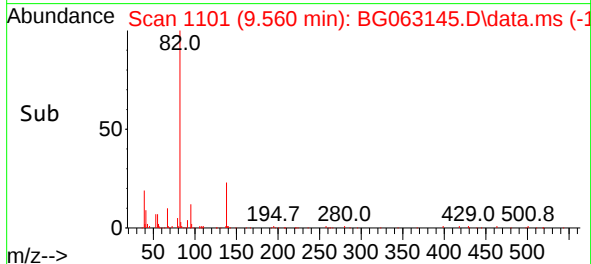
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 82 Resp: 143318
Ion Ratio Lower Upper
82 100
95 7.7 7.4 11.0
138 15.3 10.3 15.5

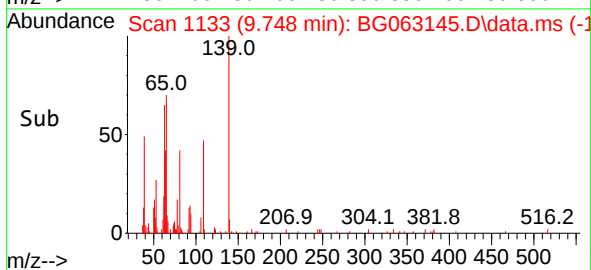
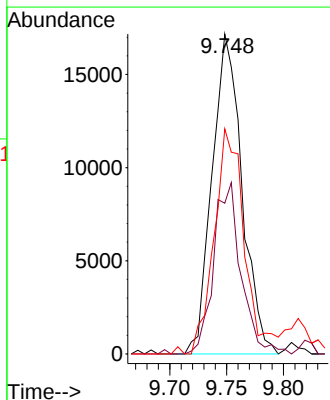
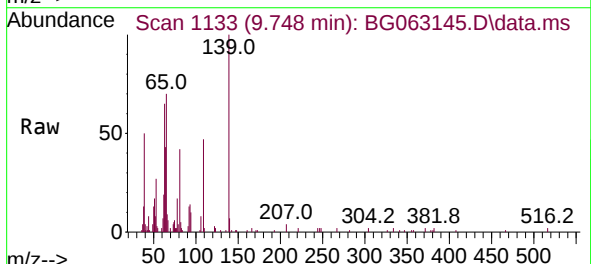
Manual Integrations
APPROVED

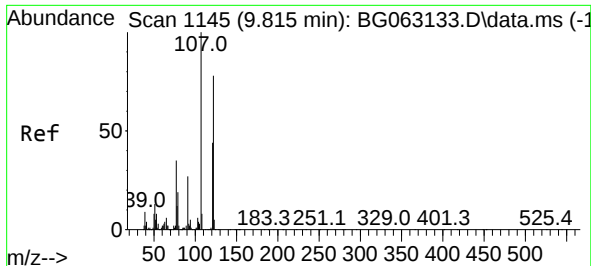
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#26
2-Nitrophenol
Concen: 3.686 ng
RT: 9.748 min Scan# 1133
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:139 Resp: 31402
Ion Ratio Lower Upper
139 100
109 47.1 45.4 68.0
65 70.4 58.4 87.6





#27

2,4-Dimethylphenol

Concen: 1.982 ng

RT: 9.819 min Scan# 1145

Delta R.T. 0.004 min

Lab File: BG063145.D

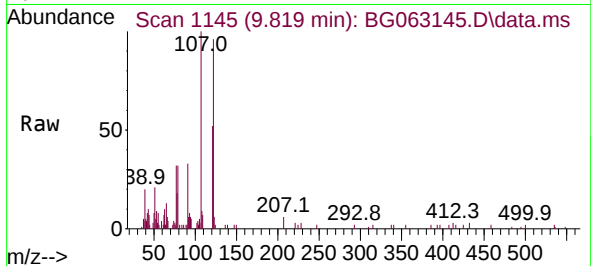
Acq: 1 Nov 2024 12:59

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:122 Resp: 2075

Ion Ratio Lower Upper

122 100

107 104.3 101.8 152.6

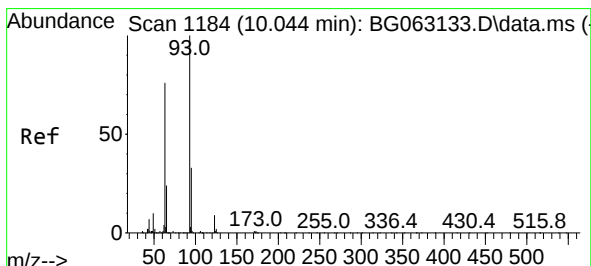
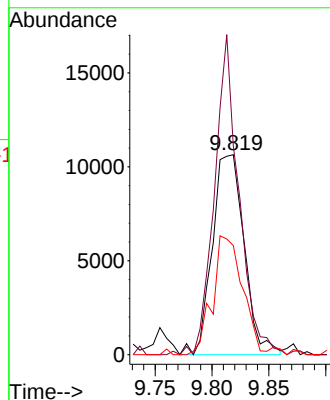
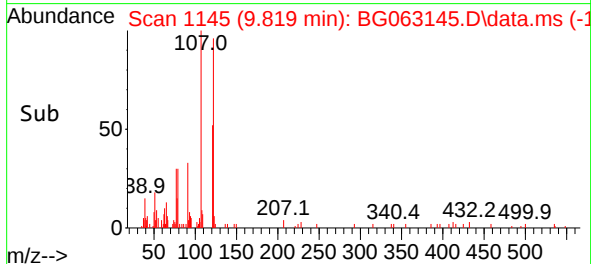
121 54.6 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024

Supervised By :mohammad ahmed 11/05/2024



#28

bis(2-Chloroethoxy)methane

Concen: 3.629 ng

RT: 10.048 min Scan# 1184

Delta R.T. 0.004 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

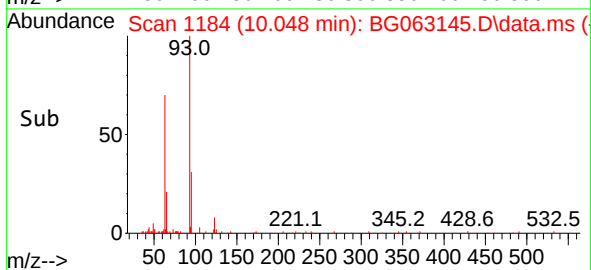
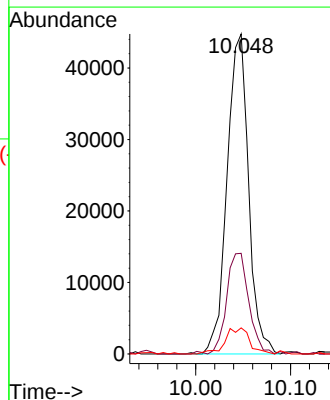
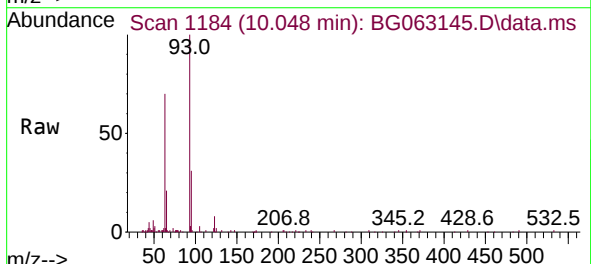
Tgt Ion: 93 Resp: 70508

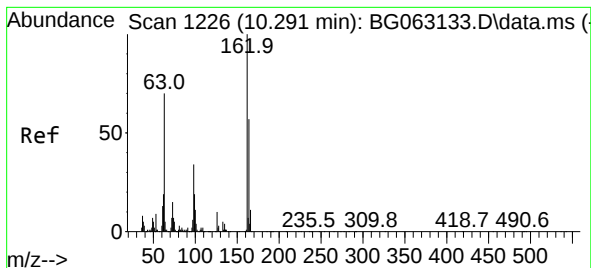
Ion Ratio Lower Upper

93 100

95 31.5 26.1 39.1

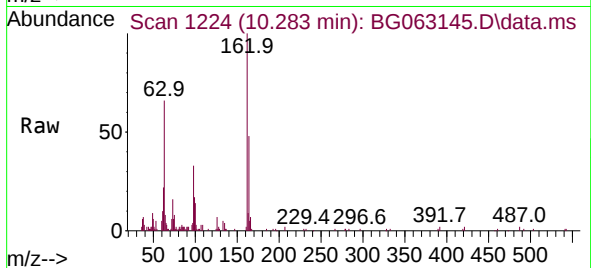
123 8.1 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 3.417 ng
RT: 10.283 min Scan# 1224
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

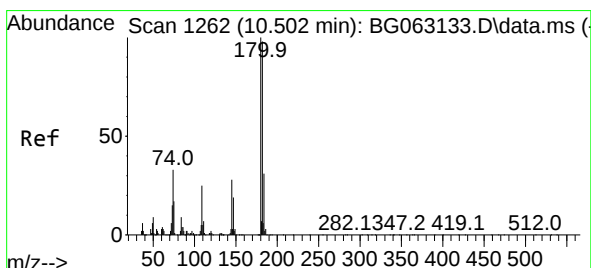
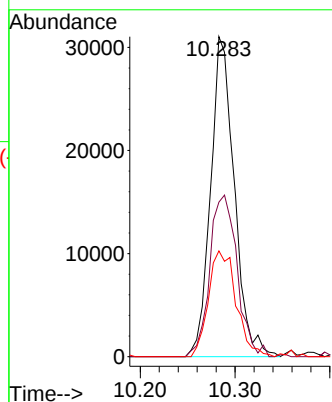
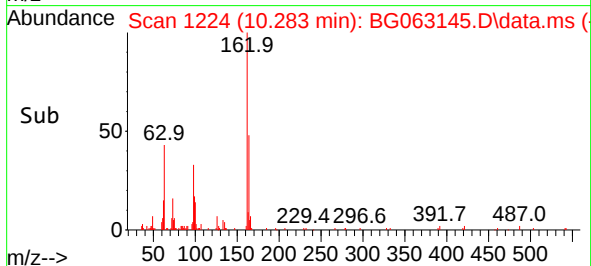
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:162 Resp: 54059
Ion Ratio Lower Upper
162 100
164 48.3 37.2 77.2
98 33.0 14.0 54.0

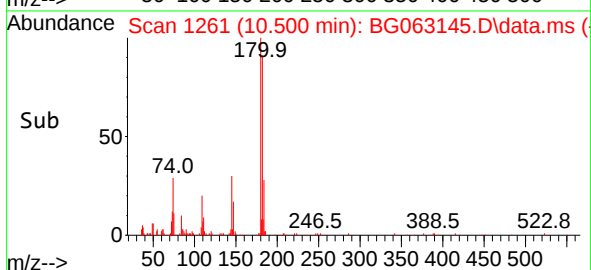
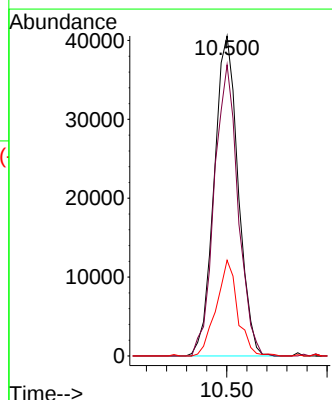
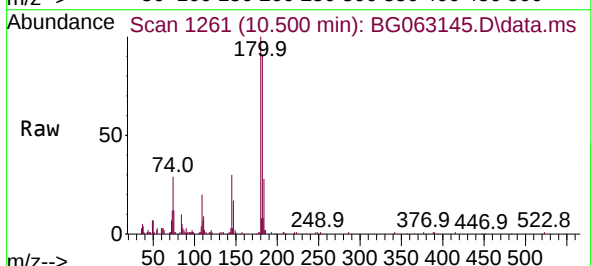
Manual Integrations
APPROVED

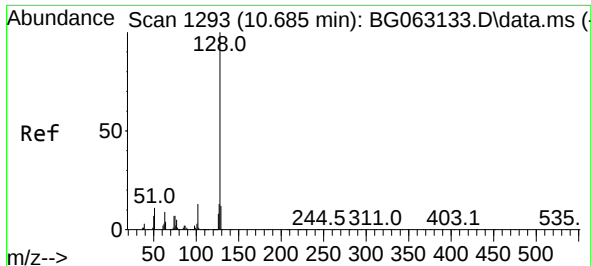
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.470 ng
RT: 10.500 min Scan# 1261
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

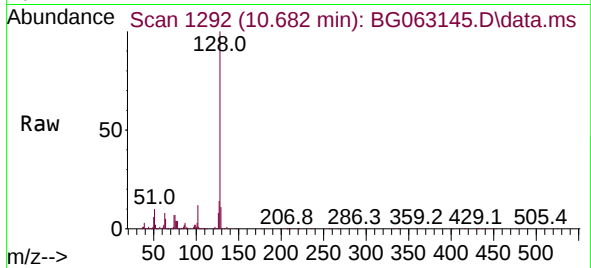
Tgt Ion:180 Resp: 67511
Ion Ratio Lower Upper
180 100
182 91.0 78.5 117.7
145 29.9 22.6 34.0





#31
Naphthalene
Concen: 3.529 ng
RT: 10.682 min Scan# 1163
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

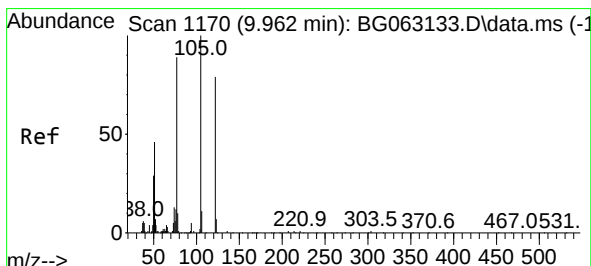
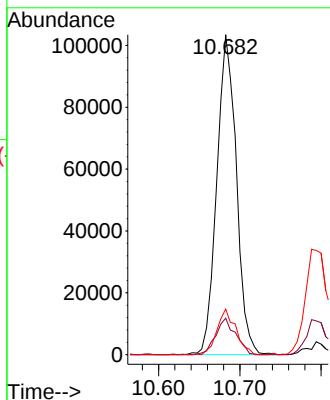
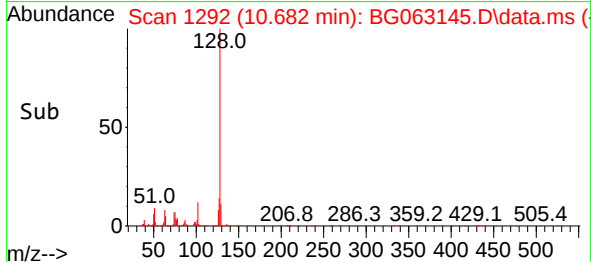
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



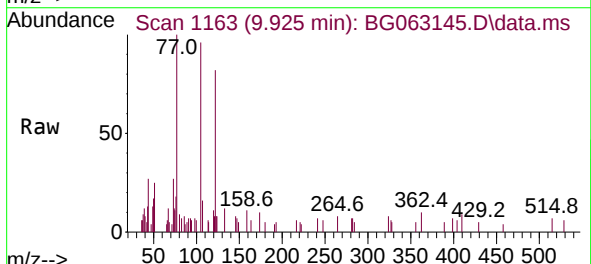
Tgt Ion:128 Resp: 173464
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 14.3 10.7 16.1

Manual Integrations
APPROVED

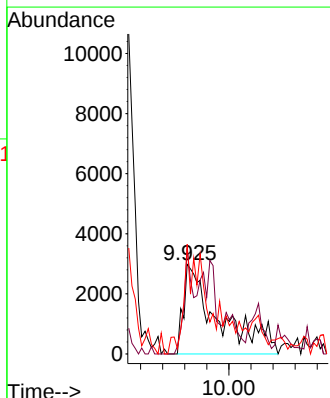
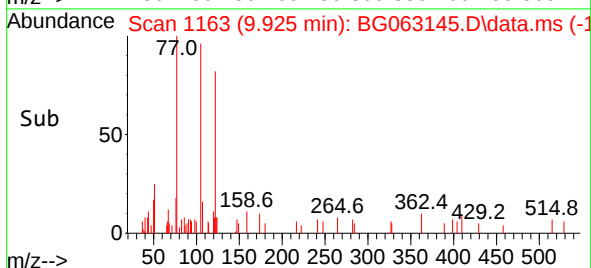
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

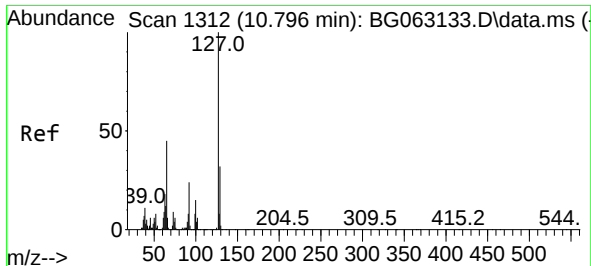


#32
Benzoic acid
Concen: 1.437 ng m
RT: 9.925 min Scan# 1163
Delta R.T. -0.037 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



Tgt Ion:122 Resp: 13117
Ion Ratio Lower Upper
122 100
105 118.0 105.2 145.2
77 122.5 93.0 133.0





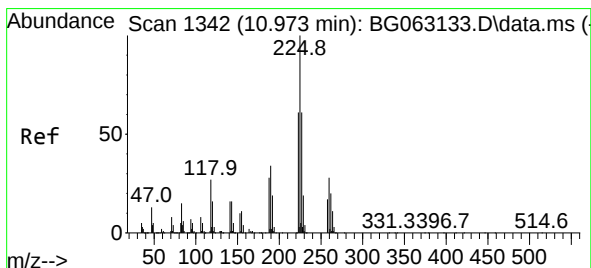
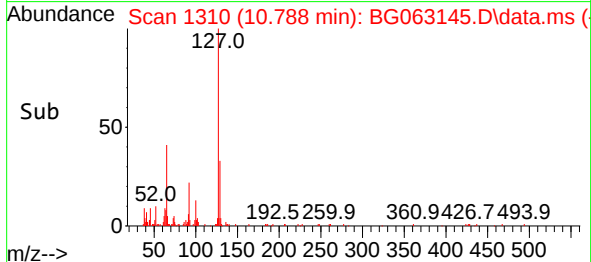
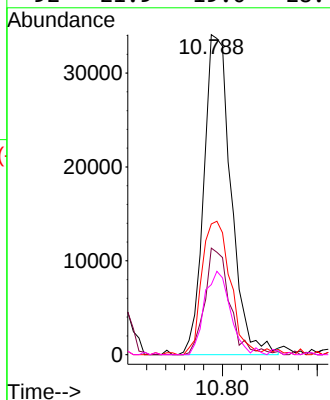
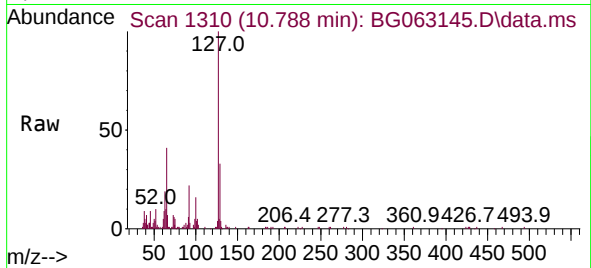
#33
4-Chloroaniline
Concen: 4.092 ng
RT: 10.788 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:	127	Resp:	6786
Ion Ratio	Lower	Upper	
127	100		
129	33.3	25.6	38.4
65	40.8	36.4	54.6
92	21.9	19.0	28.4

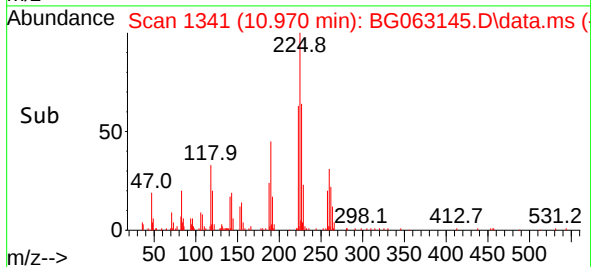
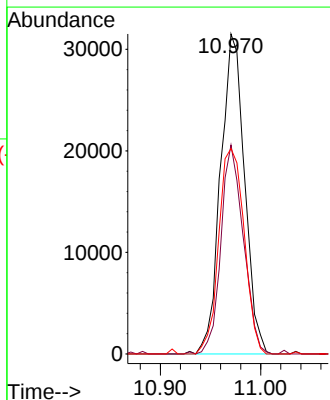
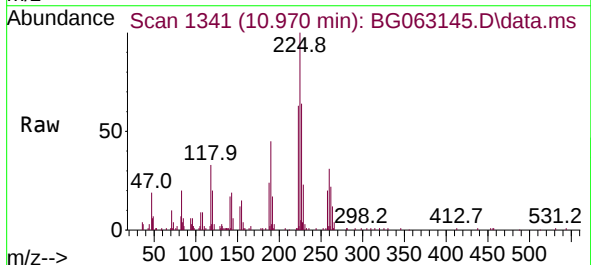
Manual Integrations
APPROVED

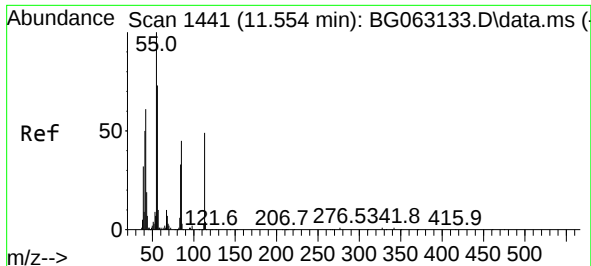
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#34
Hexachlorobutadiene
Concen: 3.255 ng
RT: 10.970 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

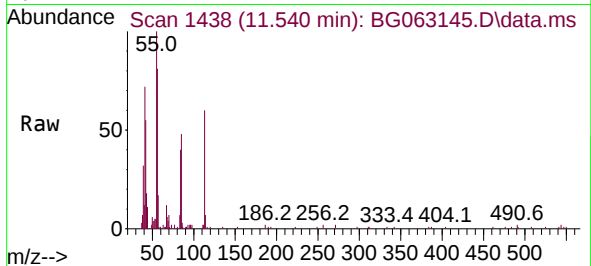
Tgt Ion:	225	Resp:	52124
Ion Ratio	Lower	Upper	
225	100		
223	62.3	46.2	69.4
227	61.2	46.2	69.4





#35
Caprolactam
Concen: 4.145 ng m
RT: 11.540 min Scan# 1441
Delta R.T. -0.014 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

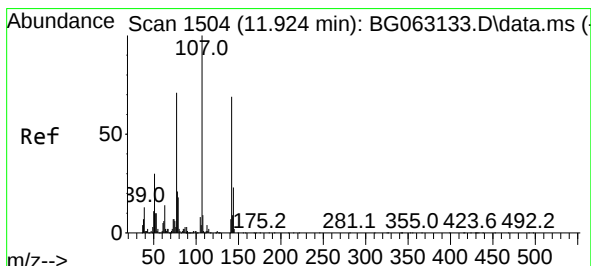
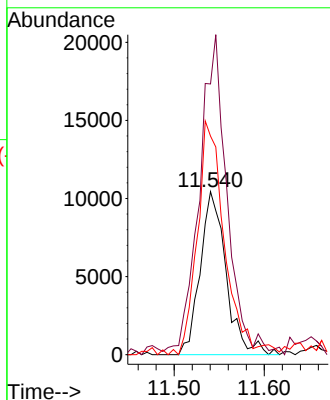
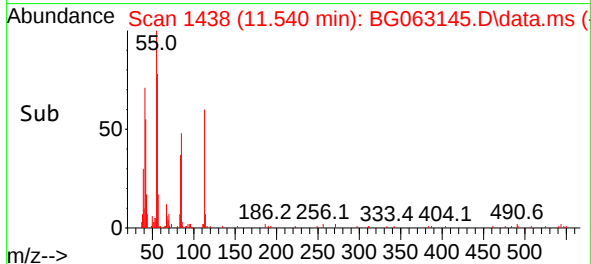
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



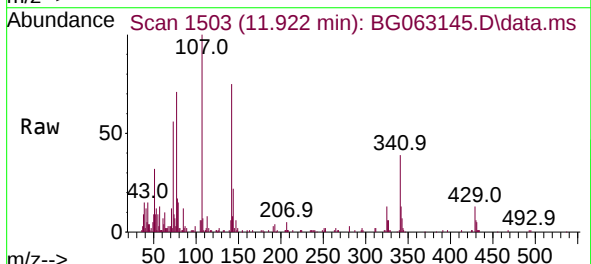
Tgt Ion:113 Resp: 2094
Ion Ratio Lower Upper
113 100
55 166.1 187.0 227.0
56 134.1 130.9 170.9

Manual Integrations
APPROVED

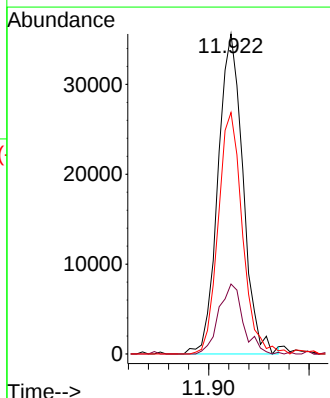
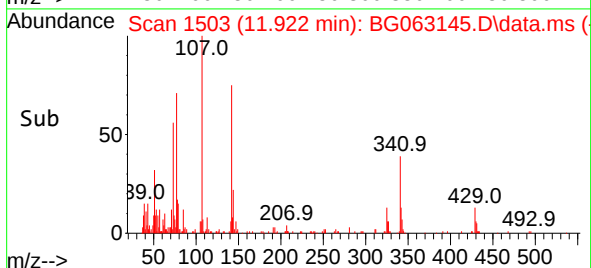
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

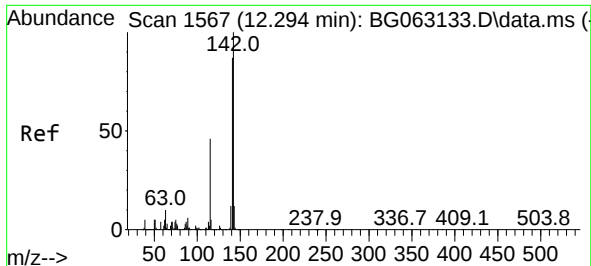


#36
4-Chloro-3-methylphenol
Concen: 3.379 ng
RT: 11.922 min Scan# 1503
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



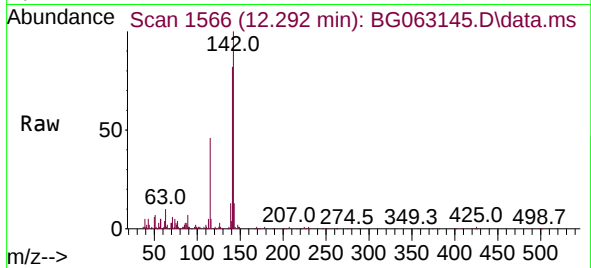
Tgt Ion:107 Resp: 61578
Ion Ratio Lower Upper
107 100
144 21.9 18.5 27.7
142 75.4 55.0 82.4





#37
2-Methylnaphthalene
Concen: 3.470 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

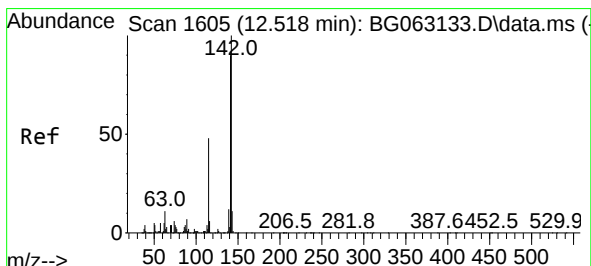
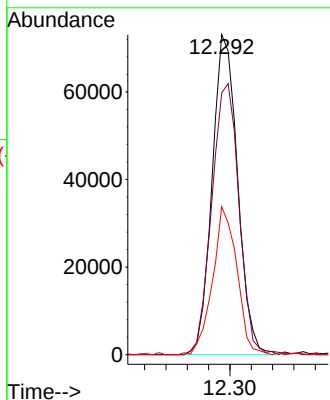
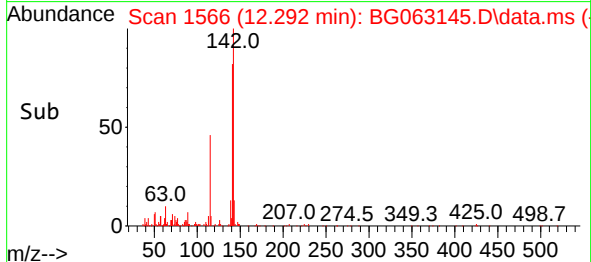
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:142 Resp: 12097
Ion Ratio Lower Upper
142 100
141 81.8 69.2 103.8
115 46.2 36.6 54.8

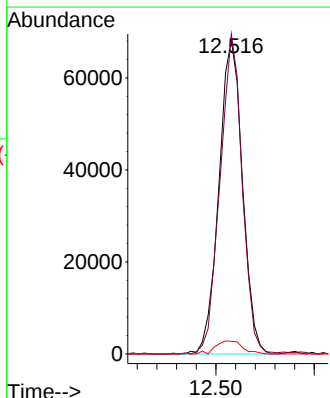
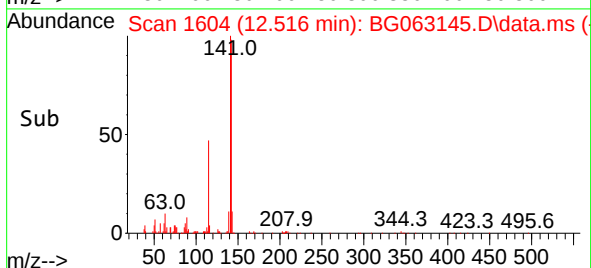
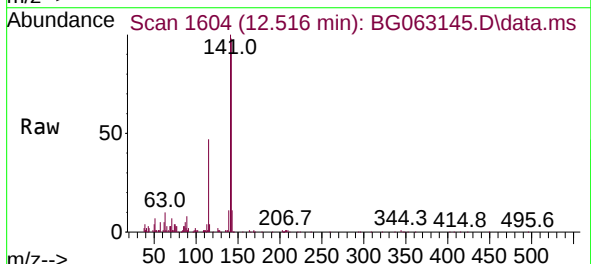
Manual Integrations
APPROVED

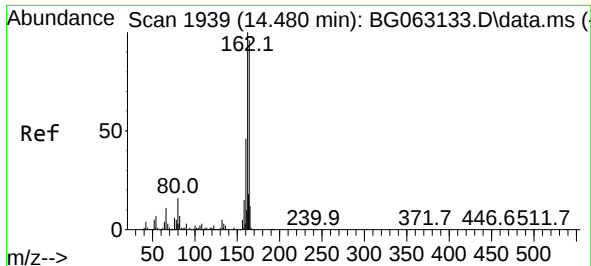
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#38
1-Methylnaphthalene
Concen: 3.298 ng m
RT: 12.516 min Scan# 1604
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

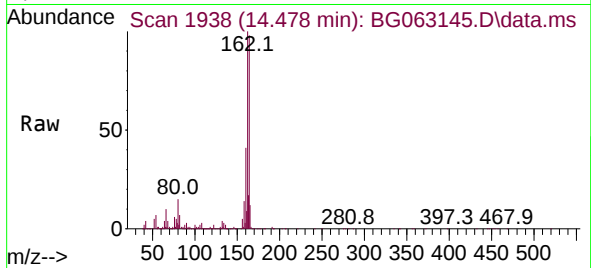
Tgt Ion:142 Resp: 113189
Ion Ratio Lower Upper
142 100
141 102.0 72.2 108.4
116 4.0 4.5 6.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.478 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

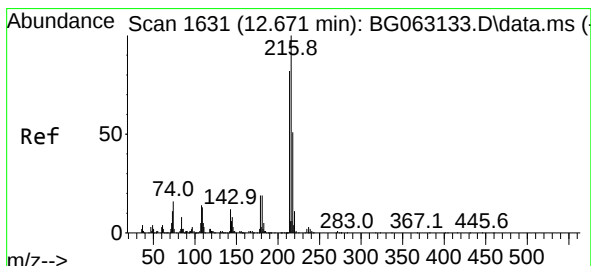
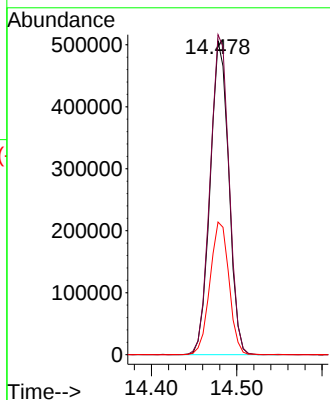
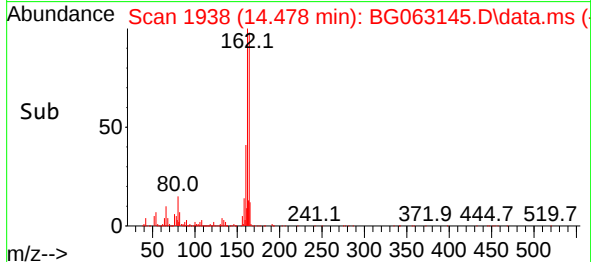
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:164 Resp: 76679
Ion Ratio Lower Upper
164 100
162 102.0 83.4 125.0
160 42.3 38.0 57.0

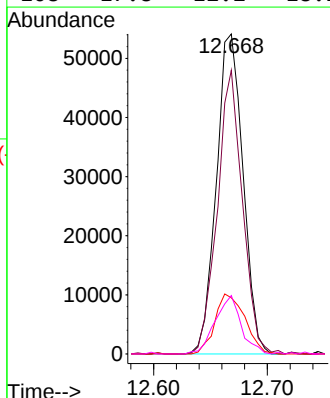
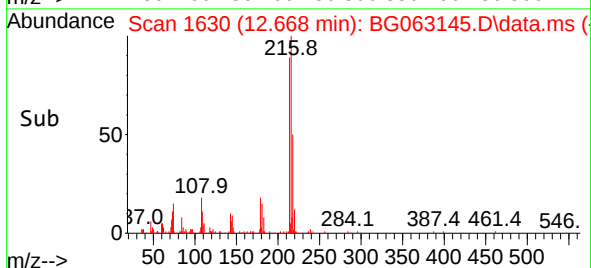
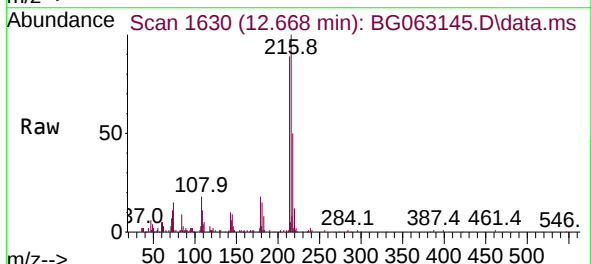
Manual Integrations
APPROVED

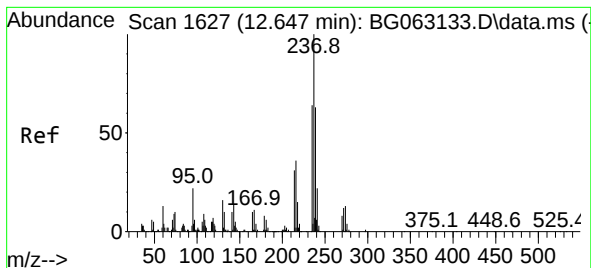
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.198 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:216 Resp: 88121
Ion Ratio Lower Upper
216 100
214 83.6 63.8 95.6
179 21.1 15.7 23.5
108 17.8 12.2 18.2





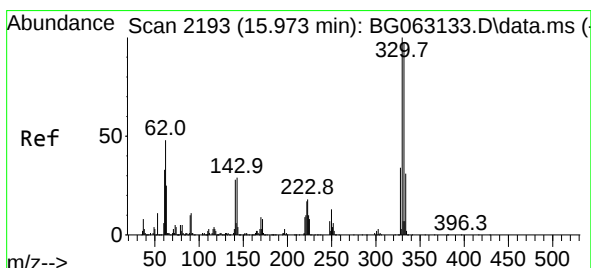
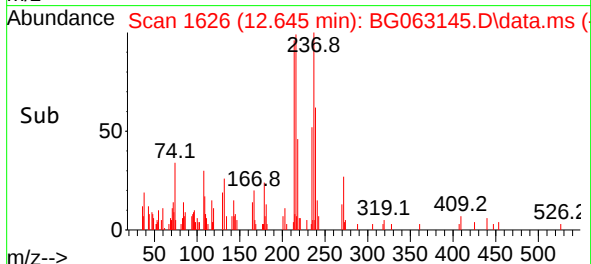
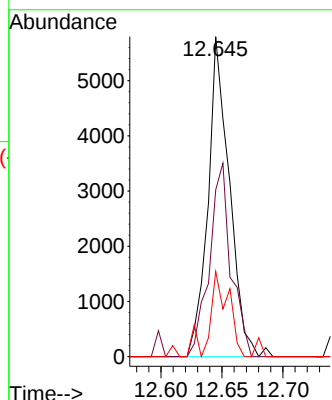
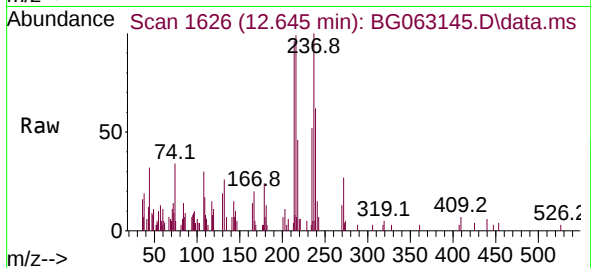
#41
Hexachlorocyclopentadiene
Concen: 0.796 ng
RT: 12.645 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:237 Resp: 712
Ion Ratio Lower Upper
237 100
235 56.8 43.8 83.8
272 26.6 0.0 32.4

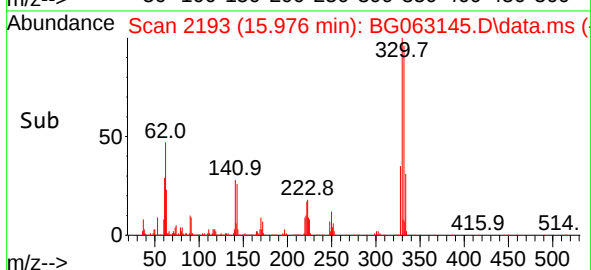
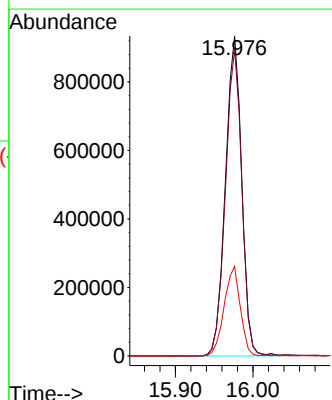
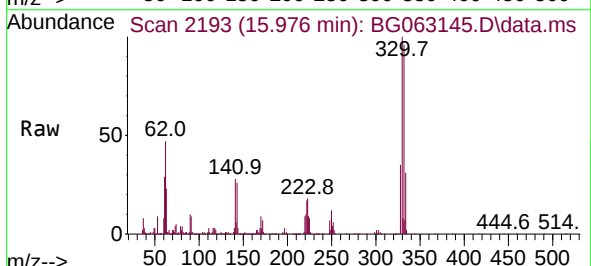
Manual Integrations
APPROVED

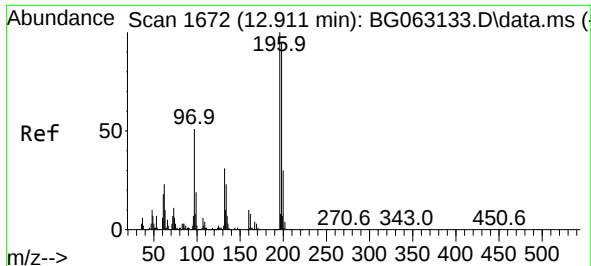
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#42
2,4,6-Tribromophenol
Concen: 105.048 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:330 Resp: 1368252
Ion Ratio Lower Upper
330 100
332 96.4 78.6 117.8
141 28.0 22.6 34.0





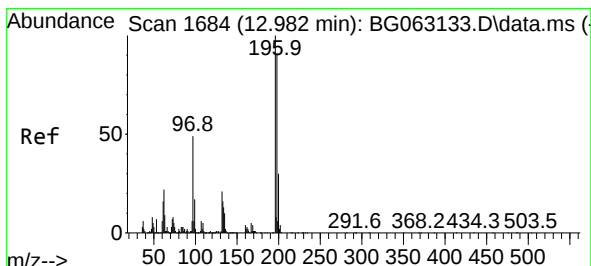
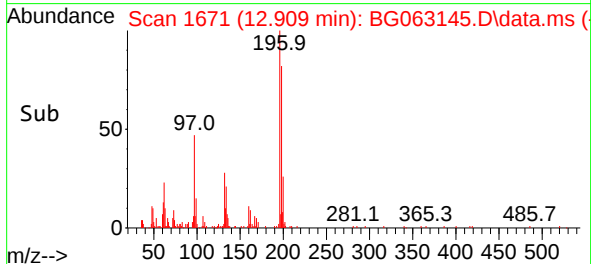
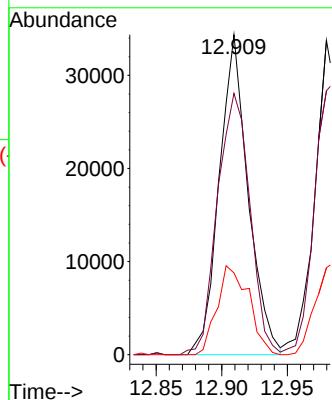
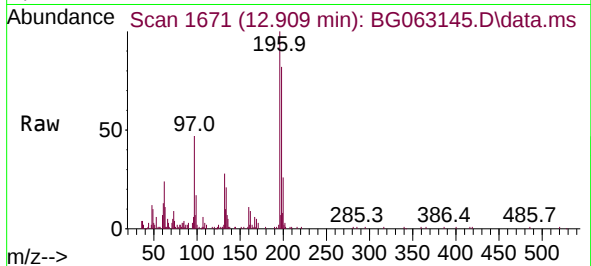
#43
2,4,6-Trichlorophenol
Concen: 3.182 ng
RT: 12.909 min Scan# 1671
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:196 Resp: 5249
Ion Ratio Lower Upper
196 100
198 81.7 76.2 114.2
200 25.5 23.8 35.8

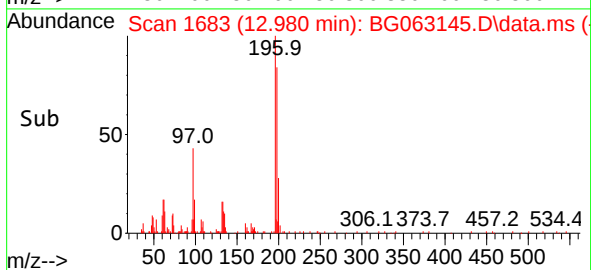
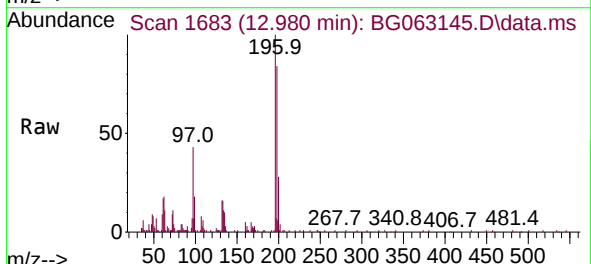
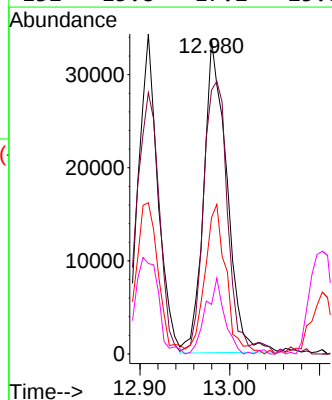
Manual Integrations
APPROVED

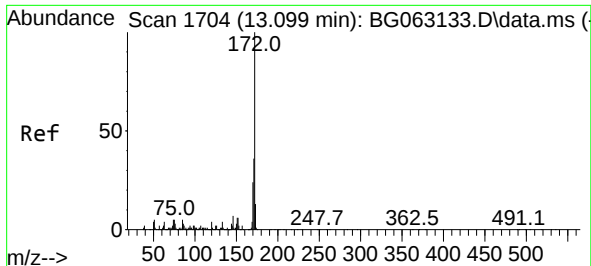
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#44
2,4,5-Trichlorophenol
Concen: 3.305 ng
RT: 12.980 min Scan# 1683
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

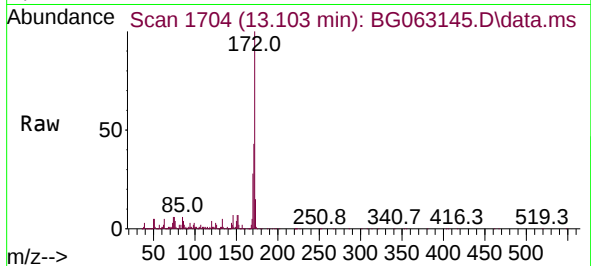
Tgt Ion:196 Resp: 59947
Ion Ratio Lower Upper
196 100
198 83.9 73.2 109.8
97 43.4 39.1 58.7
132 15.8 17.2 25.8#





#45
2-Fluorobiphenyl
Concen: 65.871 ng
RT: 13.103 min Scan# 1739
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

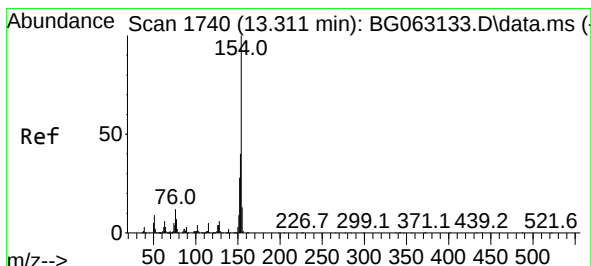
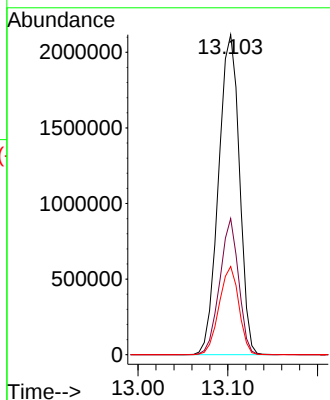
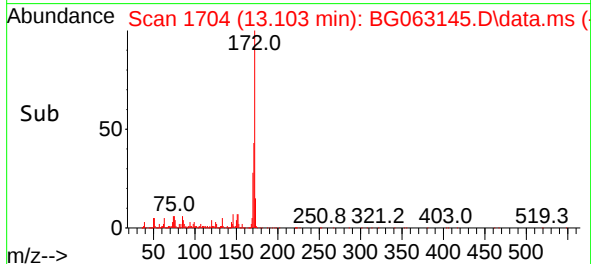
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



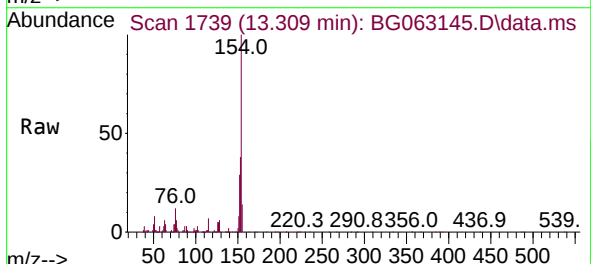
Tgt Ion:172 Resp: 3410210
Ion Ratio Lower Upper
172 100
171 42.5 28.6 42.8
170 27.6 19.4 29.2

Manual Integrations
APPROVED

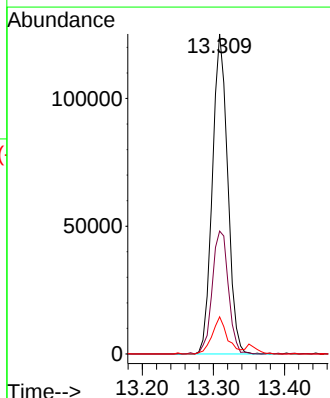
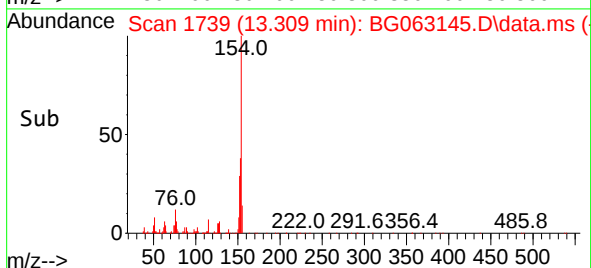
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

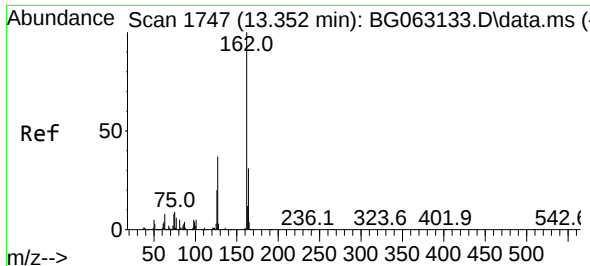


#46
1,1'-Biphenyl
Concen: 3.595 ng
RT: 13.309 min Scan# 1739
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



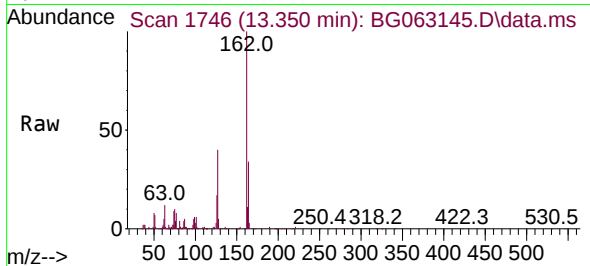
Tgt Ion:154 Resp: 187076
Ion Ratio Lower Upper
154 100
153 38.4 20.3 60.3
76 11.6 0.0 32.5





#47
2-Chloronaphthalene
Concen: 3.295 ng
RT: 13.350 min Scan# 1746
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

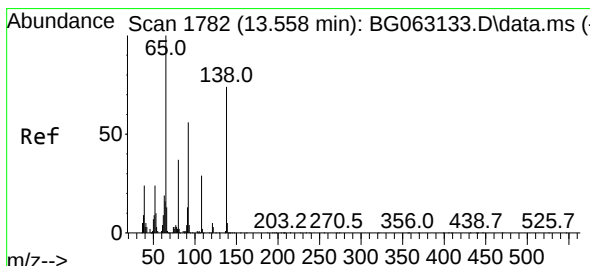
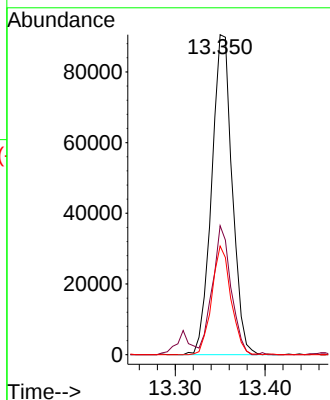
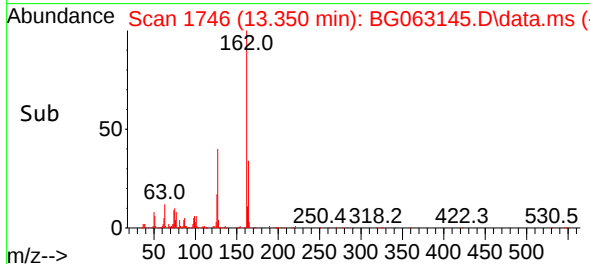
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



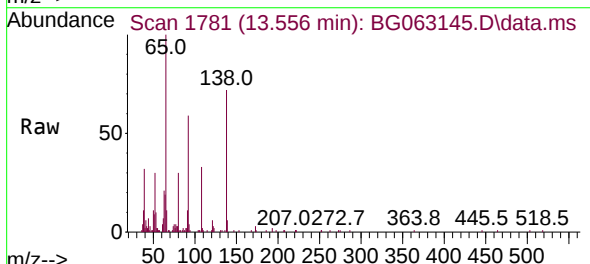
Tgt Ion:162 Resp: 143610
Ion Ratio Lower Upper
162 100
127 40.3 30.3 45.5
164 33.9 24.6 36.8

Manual Integrations
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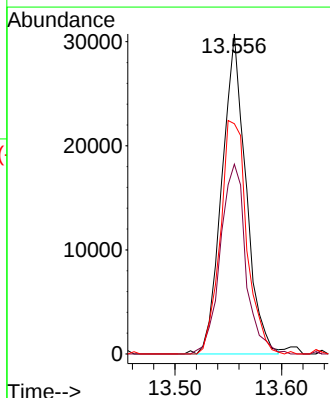
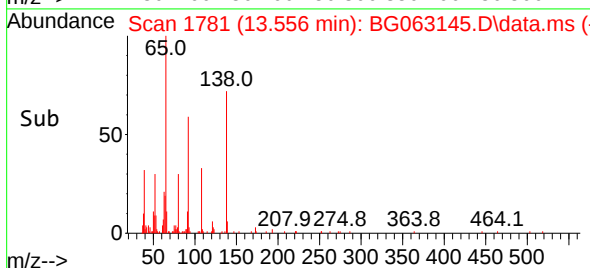
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

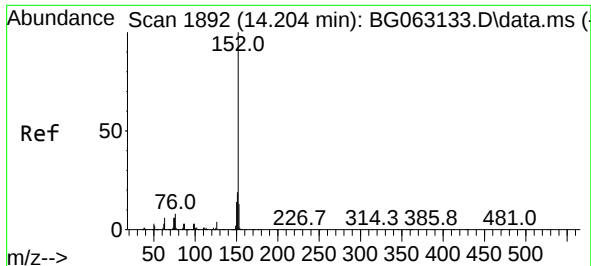


#48
2-Nitroaniline
Concen: 3.144 ng
RT: 13.556 min Scan# 1781
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



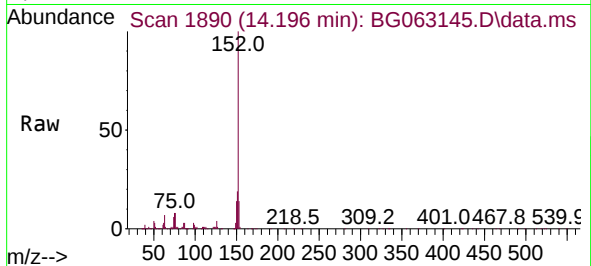
Tgt Ion: 65 Resp: 48104
Ion Ratio Lower Upper
65 100
92 59.3 44.6 66.8
138 71.9 59.0 88.4





#49
Acenaphthylene
Concen: 3.636 ng
RT: 14.196 min Scan# 1890
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

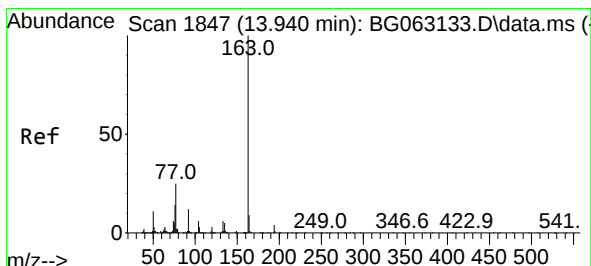
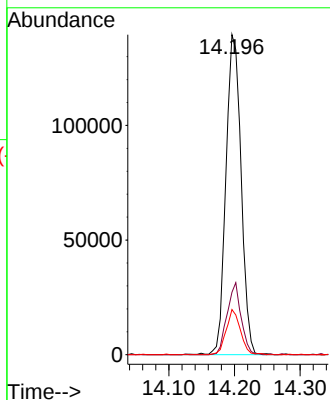
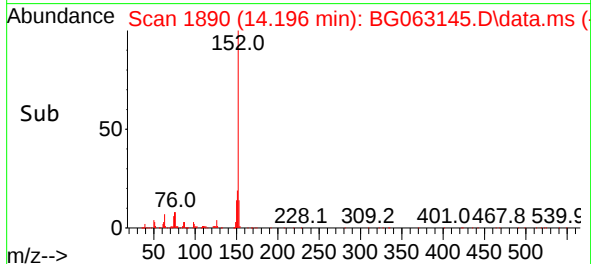
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



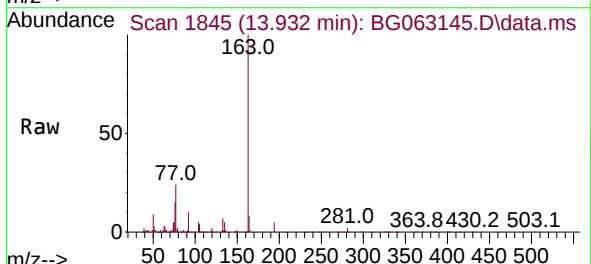
Tgt Ion:152 Resp: 223728
Ion Ratio Lower Upper
152 100
151 19.5 15.0 22.4
153 14.1 10.1 15.1

Manual Integrations
APPROVED

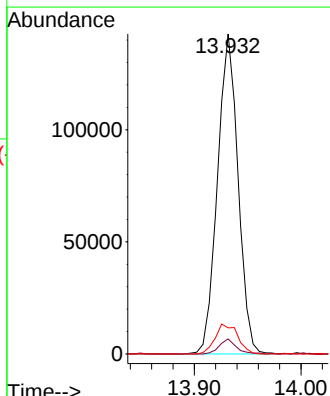
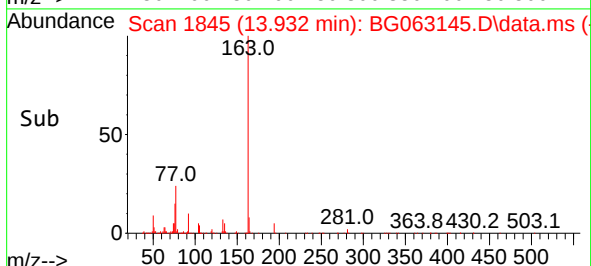
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

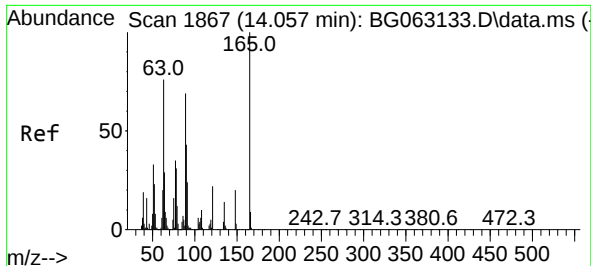


#50
Dimethylphthalate
Concen: 3.496 ng
RT: 13.932 min Scan# 1845
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



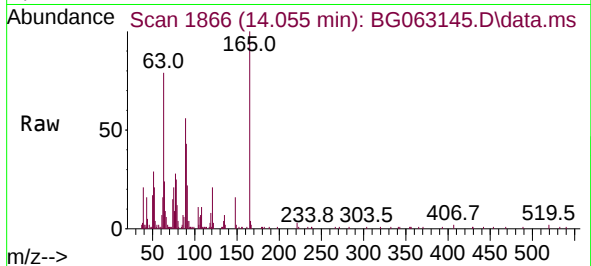
Tgt Ion:163 Resp: 191039
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 8.1 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 3.326 ng
RT: 14.055 min Scan# 1866
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

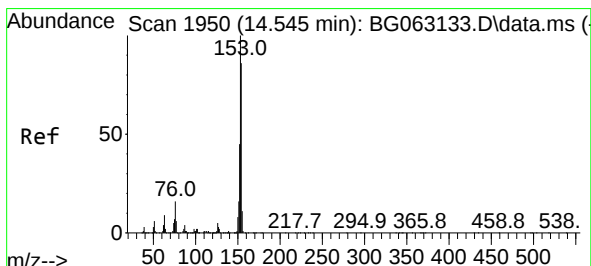
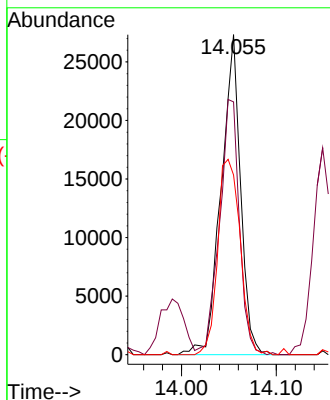
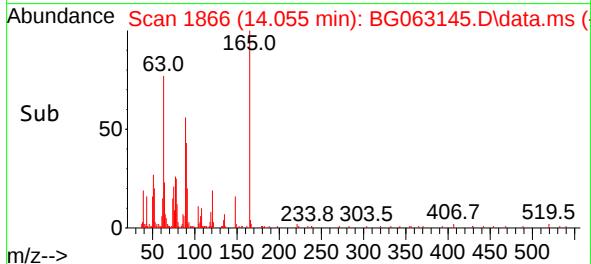
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 3881
Ion Ratio Lower Upper
165 100
63 79.0 63.8 95.8
89 56.1 55.1 82.7

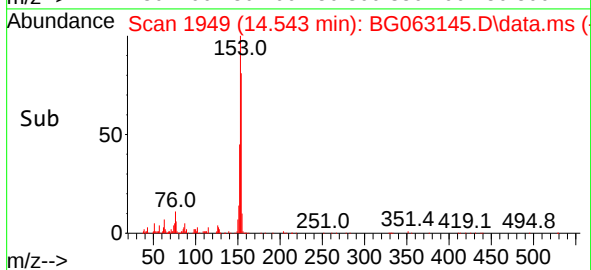
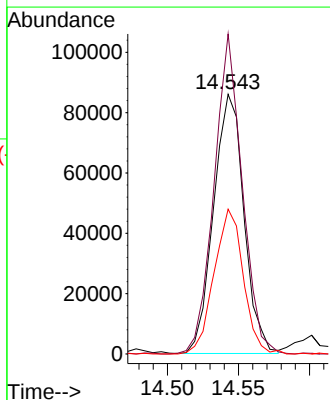
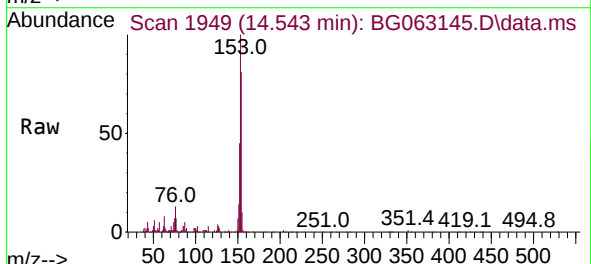
Manual Integrations
APPROVED

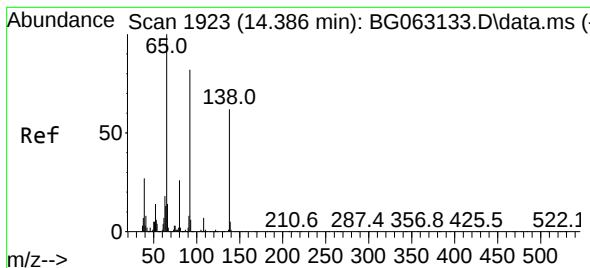
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#52
Acenaphthene
Concen: 3.354 ng
RT: 14.543 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

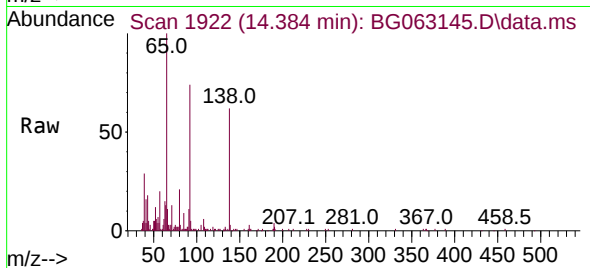
Tgt Ion:154 Resp: 127788
Ion Ratio Lower Upper
154 100
153 123.2 93.1 139.7
152 55.8 42.2 63.2





#53
3-Nitroaniline
Concen: 3.495 ng
RT: 14.384 min Scan# 1923
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

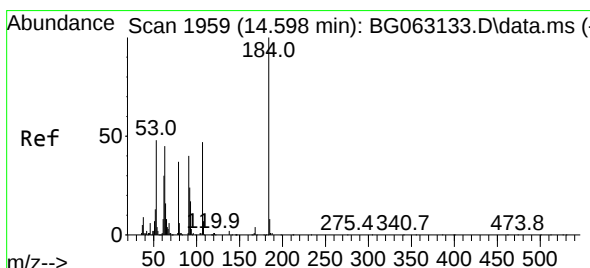
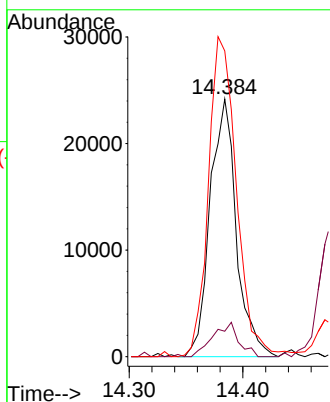
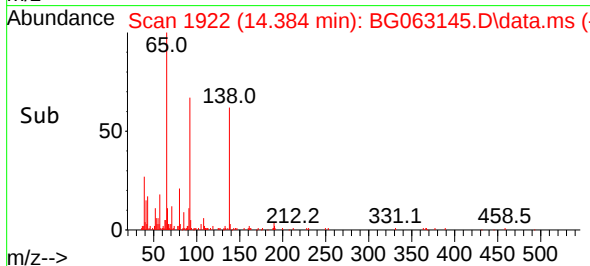
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:138 Resp: 38714
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 118.7 106.2 159.2

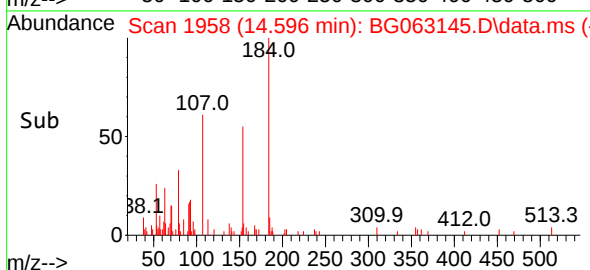
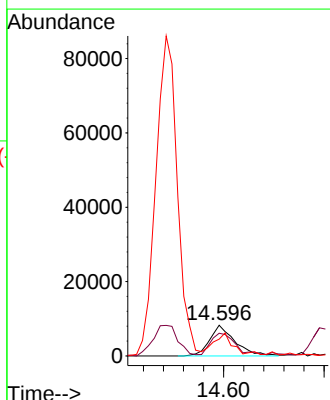
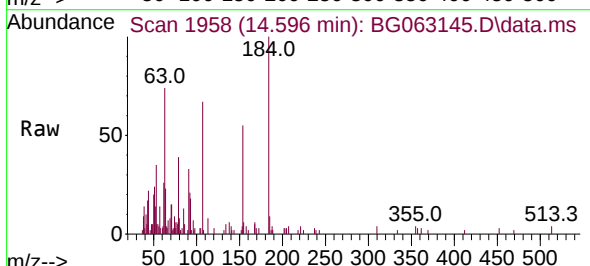
Manual Integrations
APPROVED

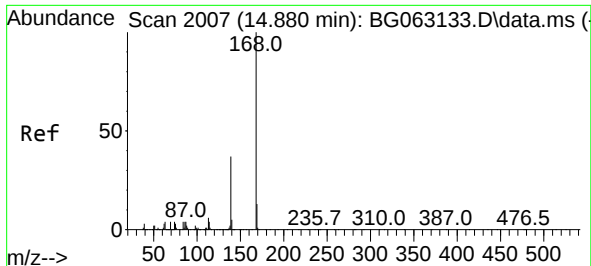
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#54
2,4-Dinitrophenol
Concen: 2.034 ng
RT: 14.596 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

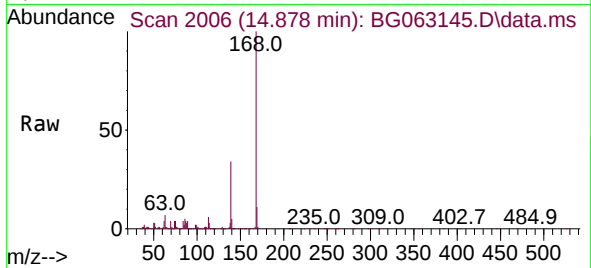
Tgt Ion:184 Resp: 14472
Ion Ratio Lower Upper
184 100
63 73.8 58.5 87.7
154 54.8 60.6 90.8#





#55
Dibenzofuran
Concen: 3.403 ng
RT: 14.878 min Scan# 2007
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

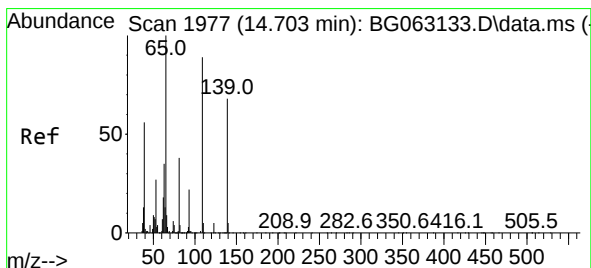
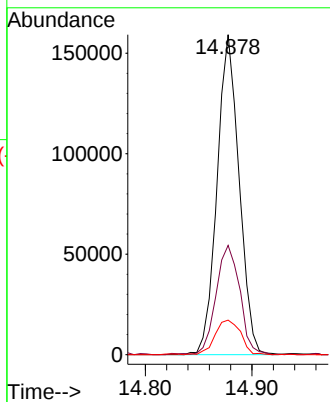
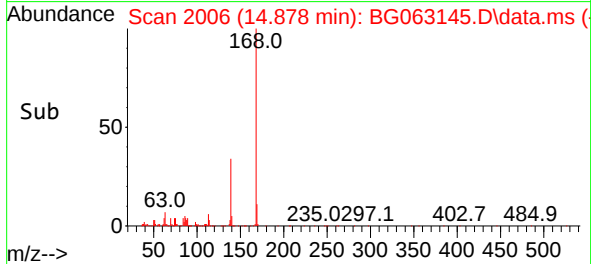
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:168 Resp: 228579
Ion Ratio Lower Upper
168 100
139 34.2 29.9 44.9
169 10.8 10.4 15.6

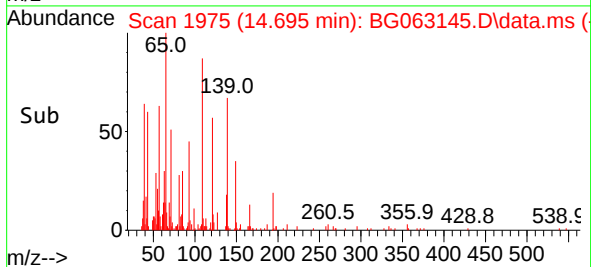
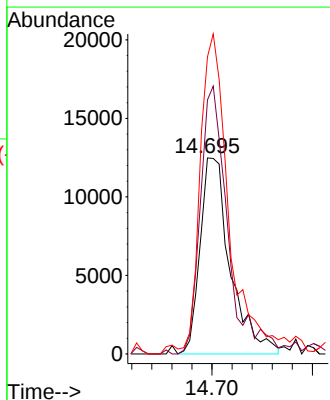
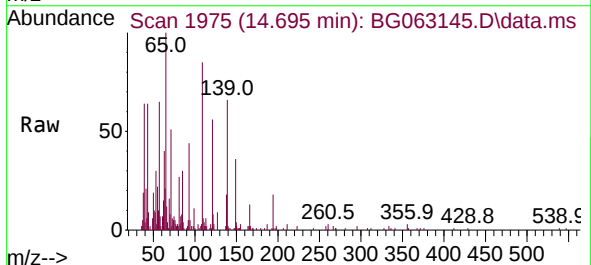
Manual Integrations
APPROVED

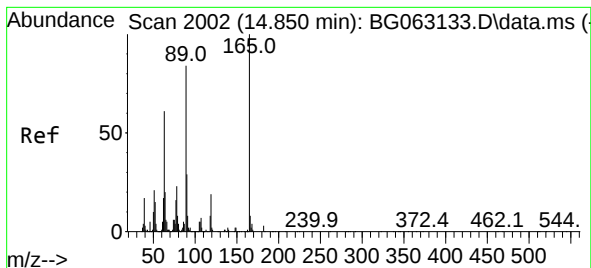
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#56
4-Nitrophenol
Concen: 3.118 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

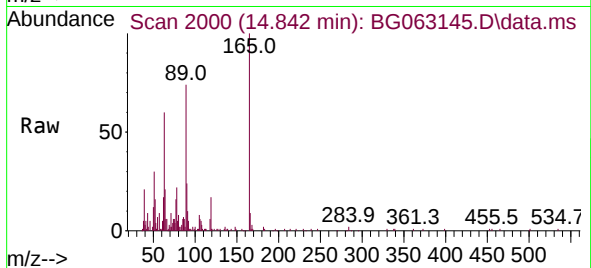
Tgt Ion:139 Resp: 26155
Ion Ratio Lower Upper
139 100
109 129.7 112.0 152.0
65 151.7 127.6 167.6





#57
2,4-Dinitrotoluene
Concen: 3.111 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

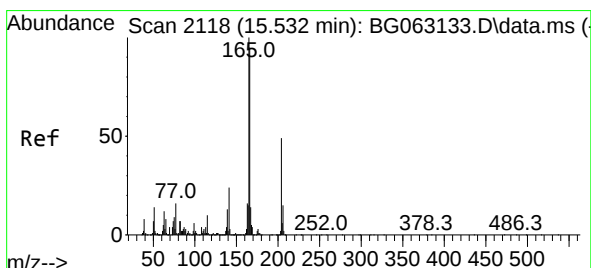
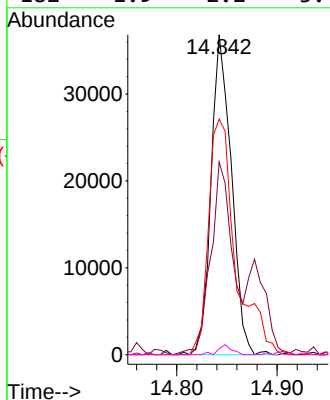
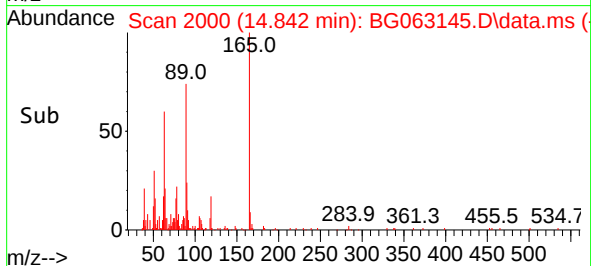
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 5192
Ion Ratio Lower Upper
165 100
63 60.2 49.0 73.4
89 73.6 67.4 101.0
182 1.9 2.2 3.4#

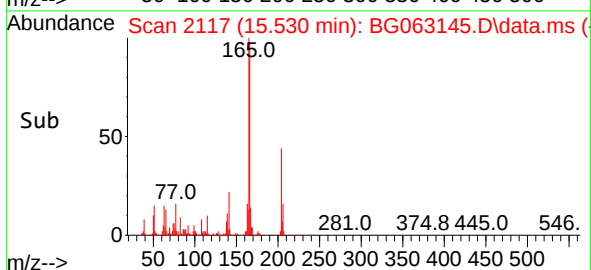
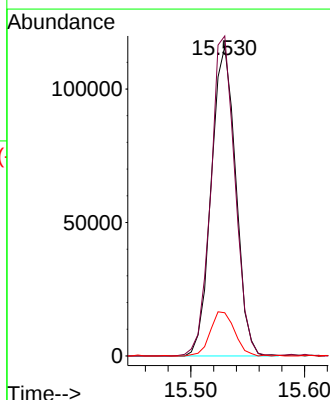
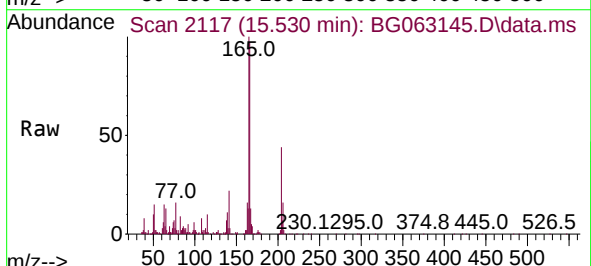
Manual Integrations
APPROVED

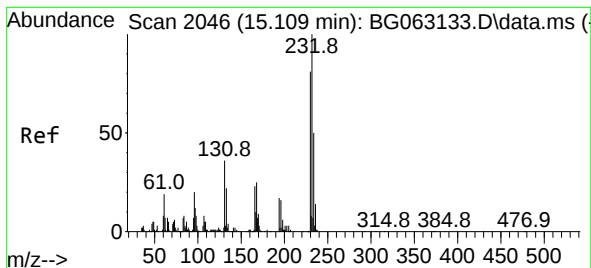
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#58
Fluorene
Concen: 3.256 ng
RT: 15.530 min Scan# 2117
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

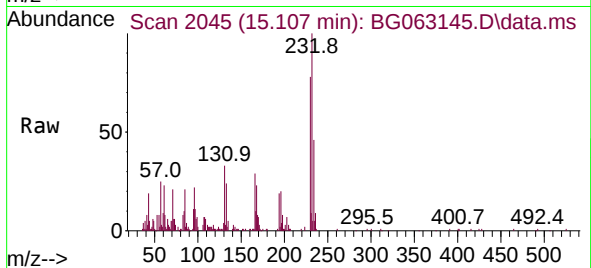
Tgt Ion:166 Resp: 173300
Ion Ratio Lower Upper
166 100
165 103.4 84.1 126.1
167 14.0 11.6 17.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.134 ng m
RT: 15.107 min Scan# 2046
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

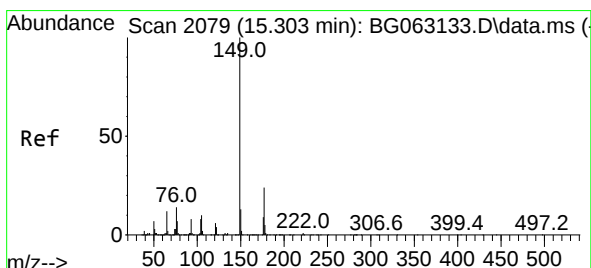
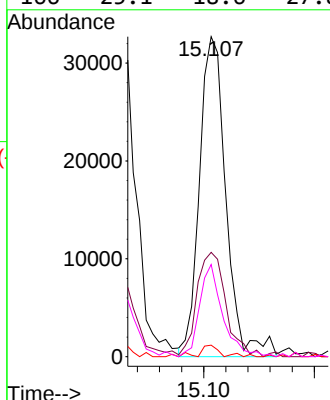
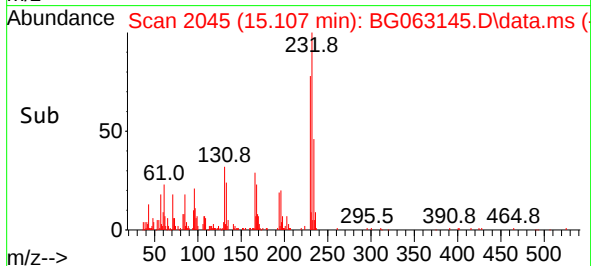
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:232 Resp: 54540
Ion Ratio Lower Upper
232 100
131 35.4 26.8 40.2
130 2.6 1.8 2.8
166 25.1 18.6 27.8

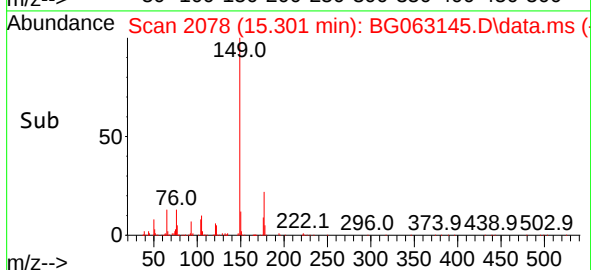
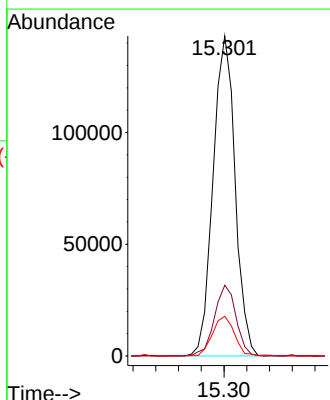
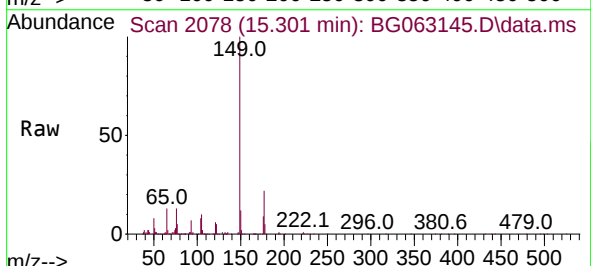
Manual Integrations
APPROVED

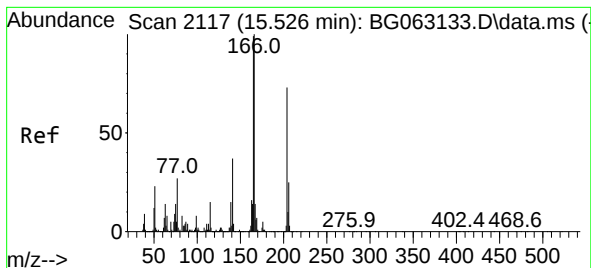
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#60
Diethylphthalate
Concen: 3.433 ng
RT: 15.301 min Scan# 2078
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

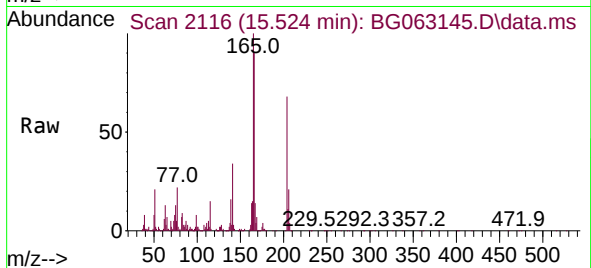
Tgt Ion:149 Resp: 192612
Ion Ratio Lower Upper
149 100
177 22.1 18.8 28.2
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 3.165 ng
RT: 15.524 min Scan# 2116
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

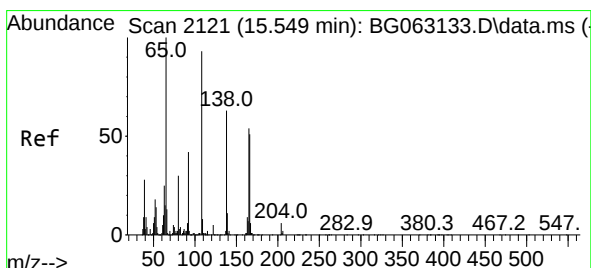
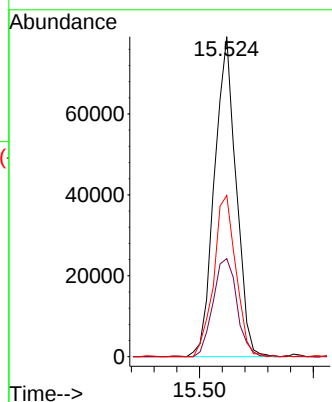
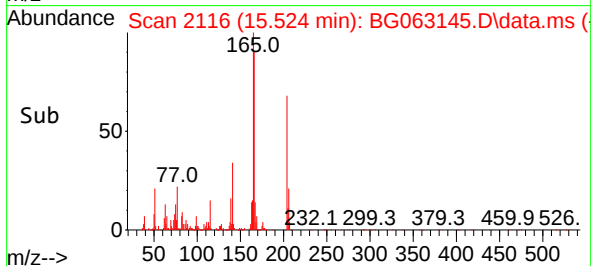
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:204 Resp: 104710
Ion Ratio Lower Upper
204 100
206 30.6 27.0 40.4
141 50.4 41.0 61.4

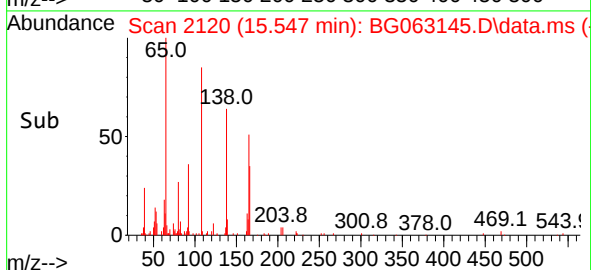
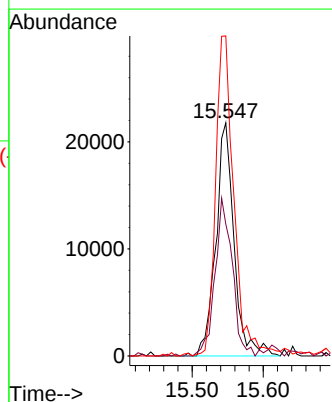
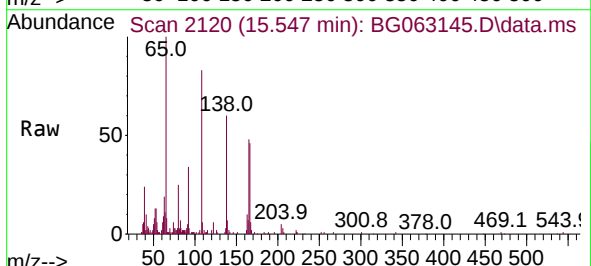
Manual Integrations
APPROVED

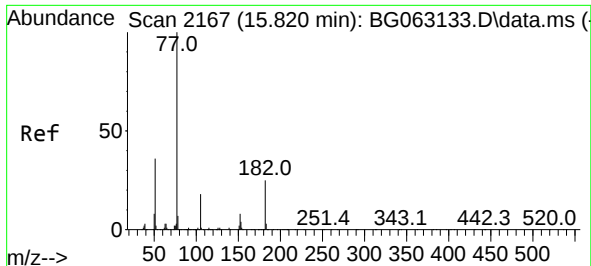
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#62
4-Nitroaniline
Concen: 3.175 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

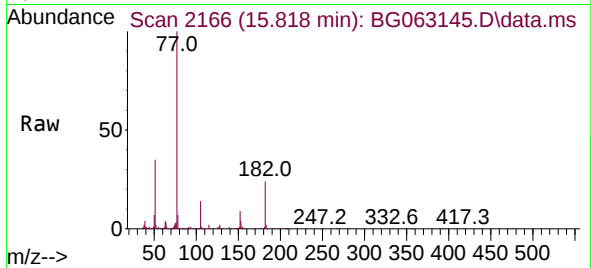
Tgt Ion:138 Resp: 38800
Ion Ratio Lower Upper
138 100
92 56.6 46.2 86.2
108 137.3 126.8 166.8





#63
Azobenzene
Concen: 3.459 ng
RT: 15.818 min Scan# 2167
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

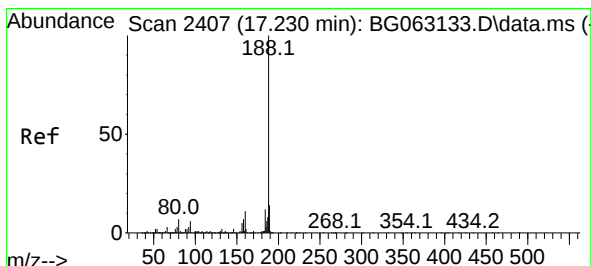
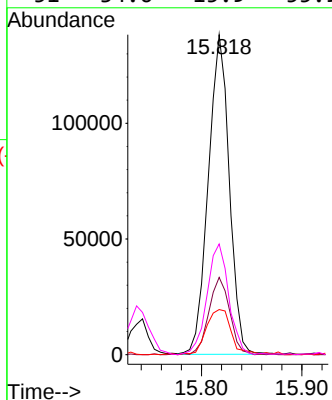
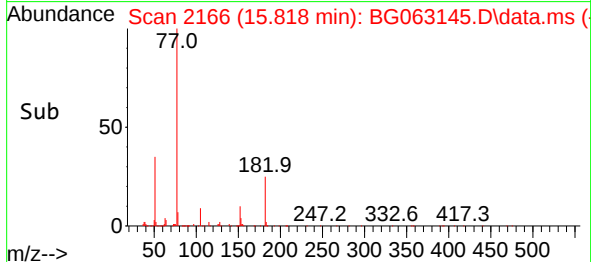
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 77 Resp: 200744
Ion Ratio Lower Upper
77 100
182 24.1 5.4 45.4
105 14.1 0.0 37.5
51 34.6 15.9 55.9

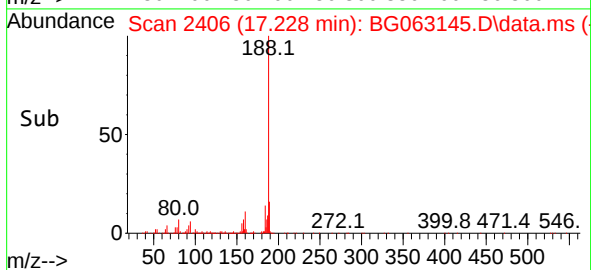
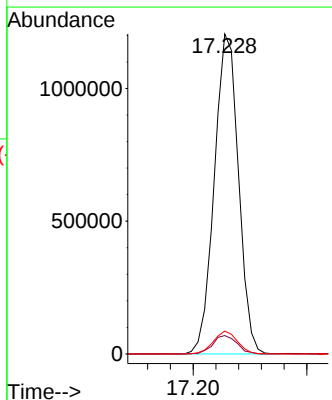
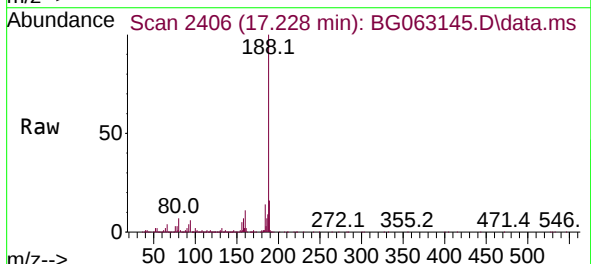
Manual Integrations
APPROVED

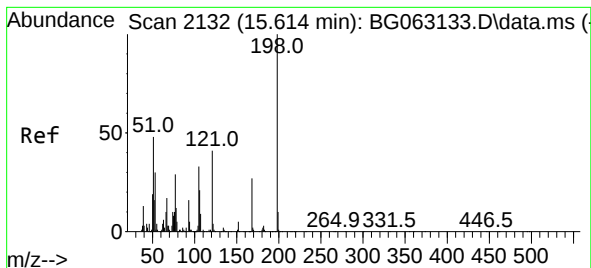
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:188 Resp: 1779993
Ion Ratio Lower Upper
188 100
94 5.8 4.8 7.2
80 7.2 5.9 8.9





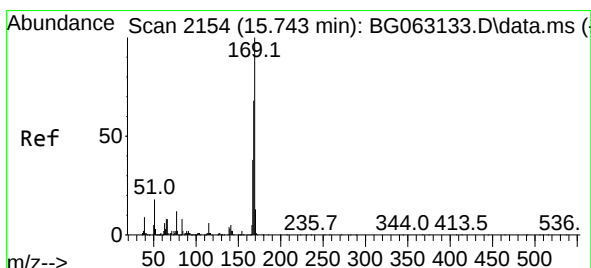
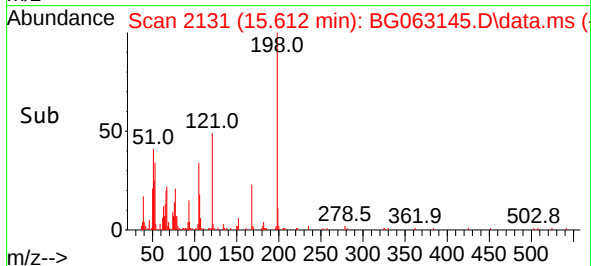
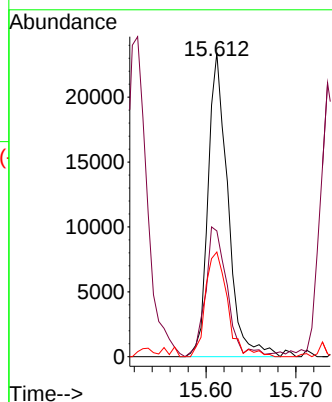
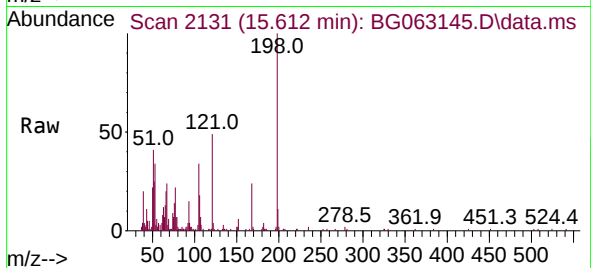
#65
4,6-Dinitro-2-methylphenol
Concen: 3.135 ng
RT: 15.612 min Scan# 2132
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:198 Resp: 35874
Ion Ratio Lower Upper
198 100
51 41.4 30.3 70.3
105 34.4 13.6 53.6

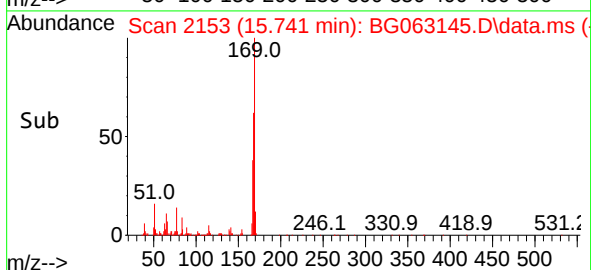
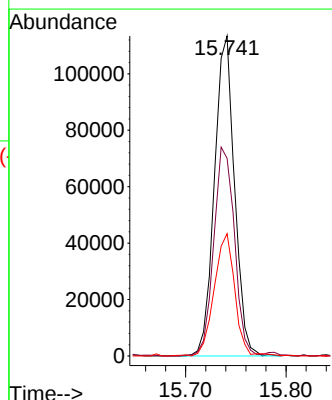
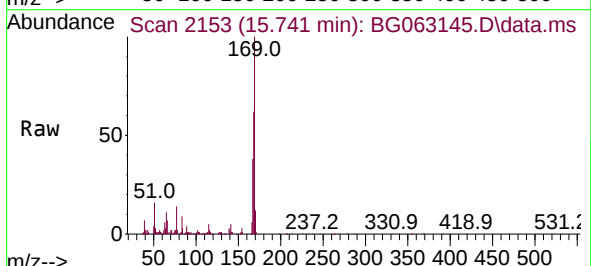
Manual Integrations
APPROVED

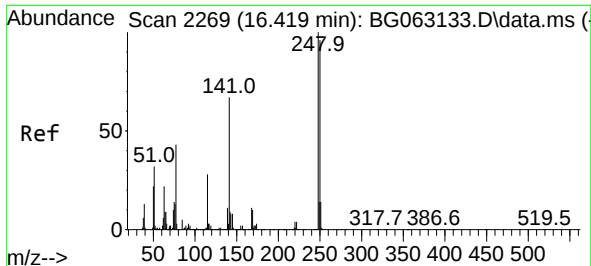
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#66
n-Nitrosodiphenylamine
Concen: 3.544 ng
RT: 15.741 min Scan# 2153
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

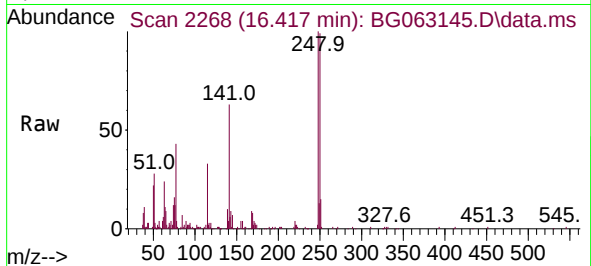
Tgt Ion:169 Resp: 157358
Ion Ratio Lower Upper
169 100
168 61.7 54.8 82.2
167 38.2 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 3.667 ng
RT: 16.417 min Scan# 2268
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

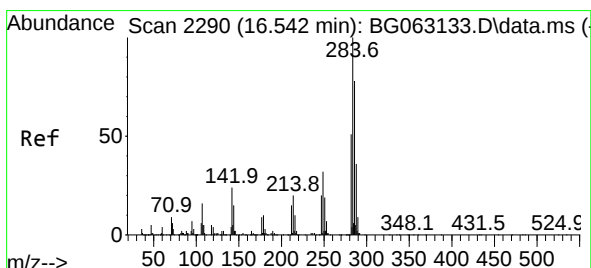
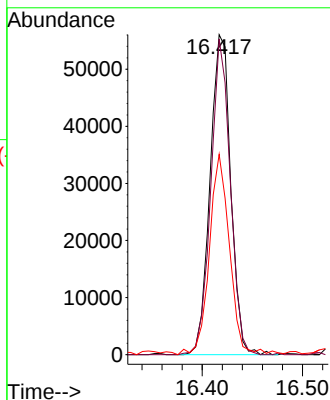
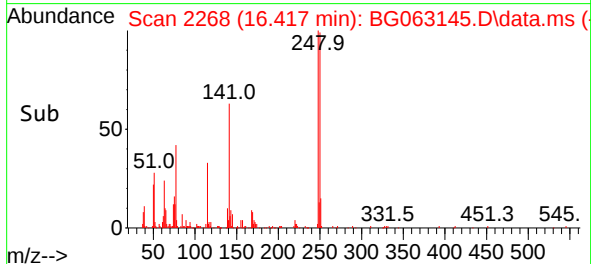
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024



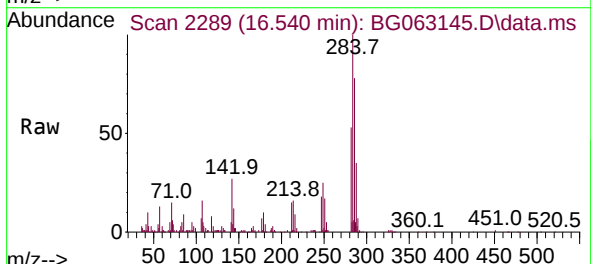
Tgt Ion:248 Resp: 8000
Ion Ratio Lower Upper
248 100
250 98.7 76.6 115.0
141 62.6 53.9 80.9

Manual Integrations
APPROVED

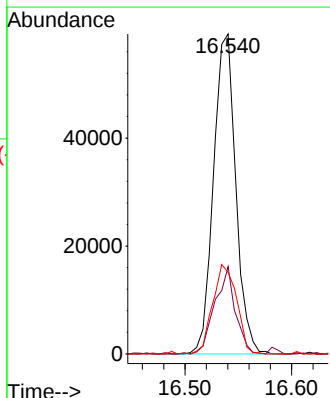
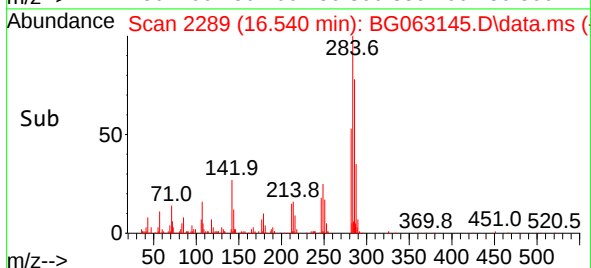
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

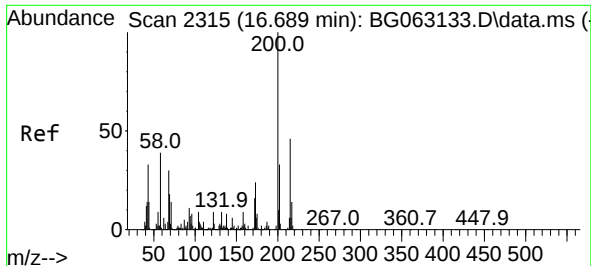


#68
Hexachlorobenzene
Concen: 3.392 ng
RT: 16.540 min Scan# 2289
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59



Tgt Ion:284 Resp: 85714
Ion Ratio Lower Upper
284 100
142 27.3 19.0 28.6
249 25.5 25.8 38.8#





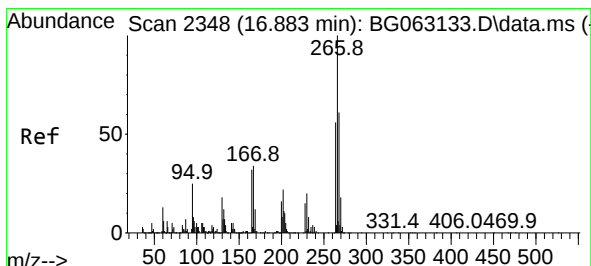
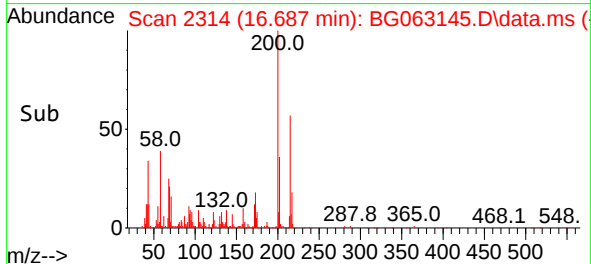
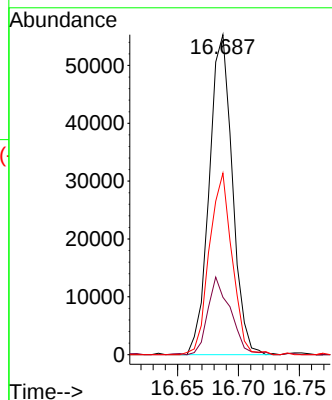
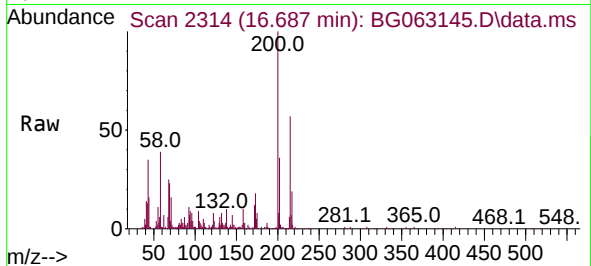
#69
Atrazine
Concen: 3.572 ng
RT: 16.687 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:200 Resp: 72920
Ion Ratio Lower Upper
200 100
173 18.0 3.6 43.6
215 56.7 25.8 65.8

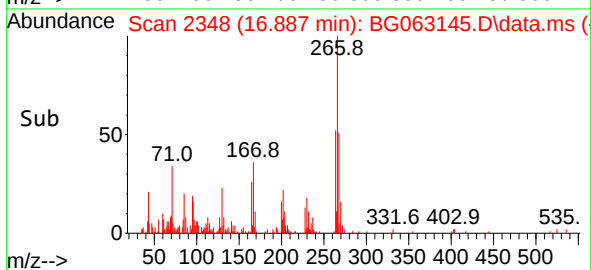
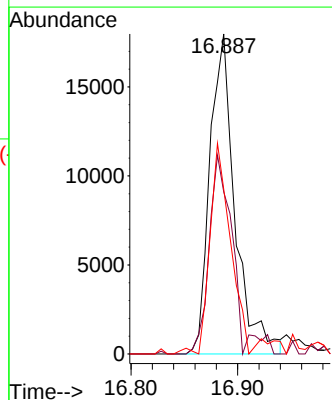
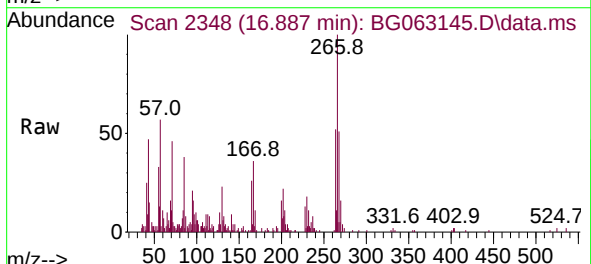
Manual Integrations
APPROVED

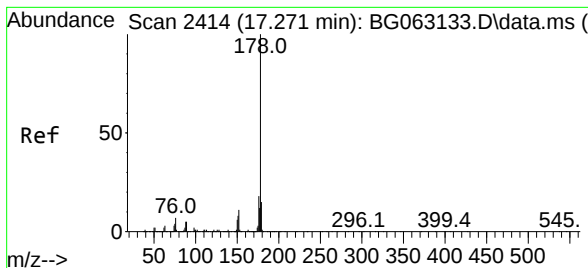
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#70
Pentachlorophenol
Concen: 2.344 ng
RT: 16.887 min Scan# 2348
Delta R.T. 0.004 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:266 Resp: 29472
Ion Ratio Lower Upper
266 100
268 50.7 48.8 73.2
264 51.5 45.0 67.4





#71

Phenanthrene

Concen: 3.532 ng

RT: 17.269 min Scan# 2413

Delta R.T. -0.002 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:178 Resp: 304818

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

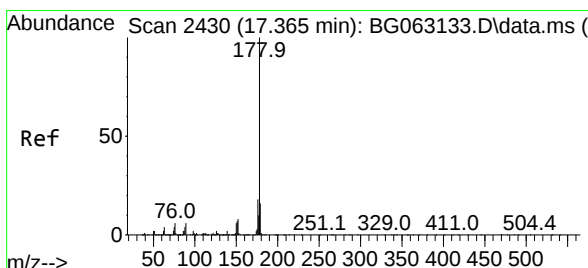
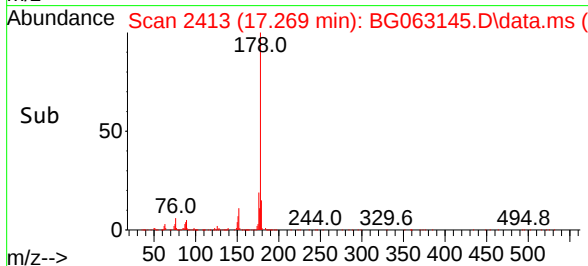
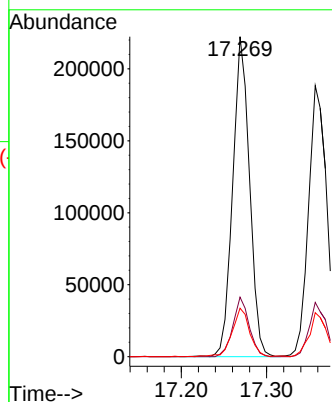
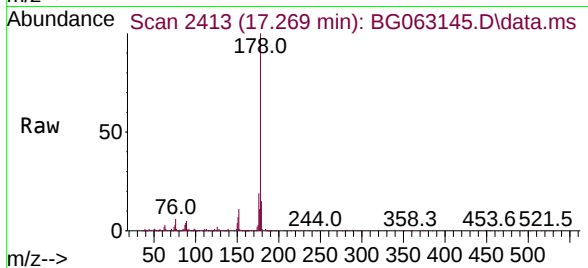
179 15.1 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024

Supervised By :mohammad ahmed 11/05/2024



#72

Anthracene

Concen: 3.305 ng

RT: 17.357 min Scan# 2428

Delta R.T. -0.008 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

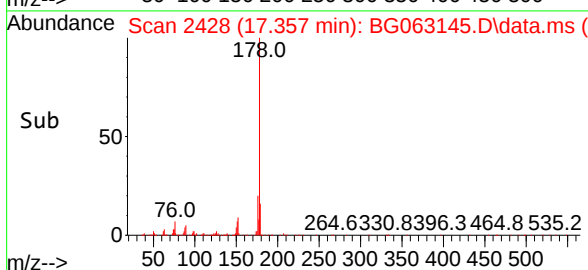
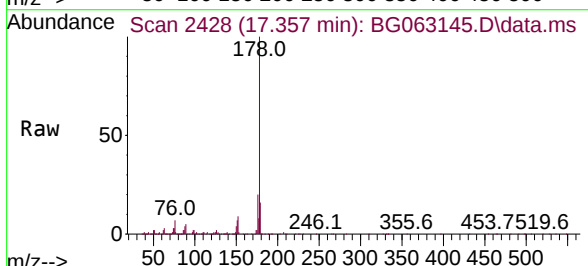
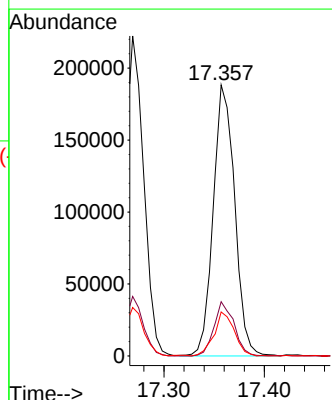
Tgt Ion:178 Resp: 279930

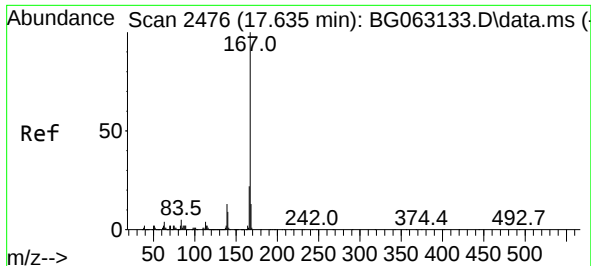
Ion Ratio Lower Upper

178 100

176 20.0 14.6 22.0

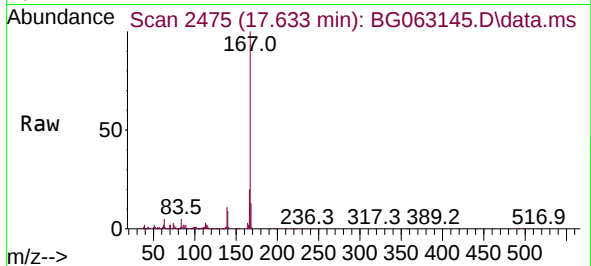
179 16.2 12.4 18.6





#73
 Carbazole
 Concen: 3.573 ng
 RT: 17.633 min Scan# 2476
 Delta R.T. -0.002 min
 Lab File: BG063145.D
 Acq: 1 Nov 2024 12:59

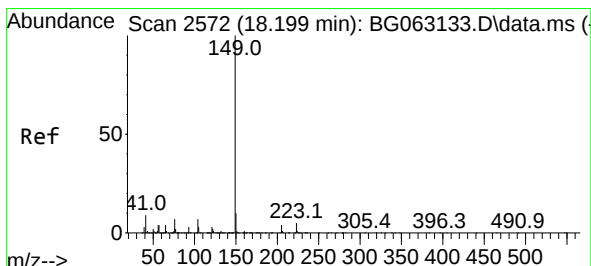
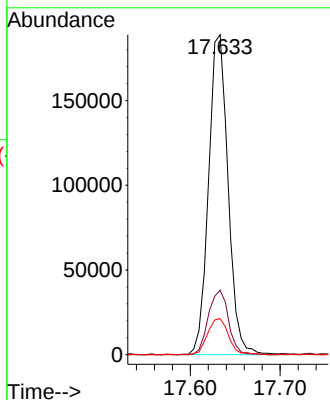
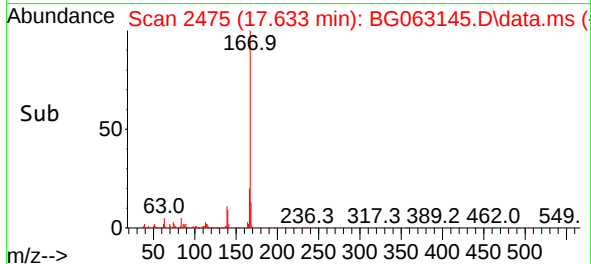
Instrument : BNA_G
 ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:167 Resp: 284900
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.4 26.2
 139 11.3 10.3 15.5

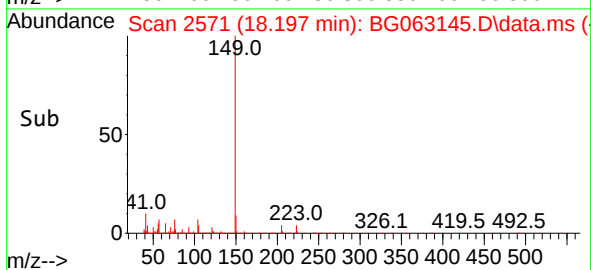
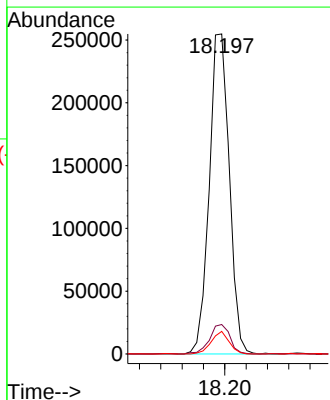
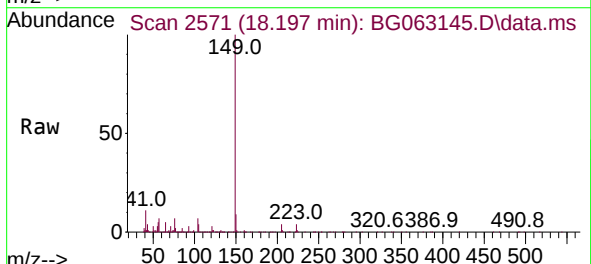
Manual Integrations
 APPROVED

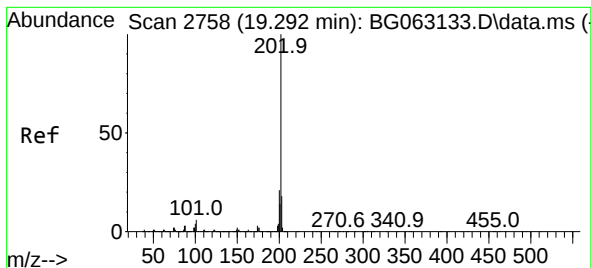
Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#74
 Di-n-butylphthalate
 Concen: 3.674 ng
 RT: 18.197 min Scan# 2571
 Delta R.T. -0.002 min
 Lab File: BG063145.D
 Acq: 1 Nov 2024 12:59

Tgt Ion:149 Resp: 332529
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 7.1 5.4 8.0





#75

Fluoranthene

Concen: 3.356 ng

RT: 19.290 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Instrument :

BNA_G

ClientSampleId :

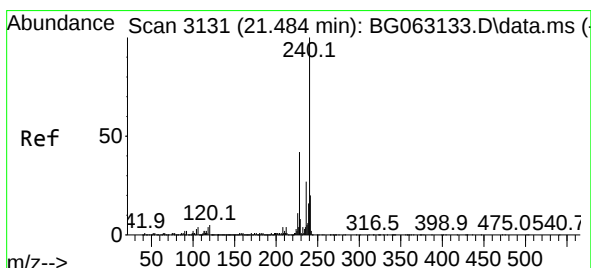
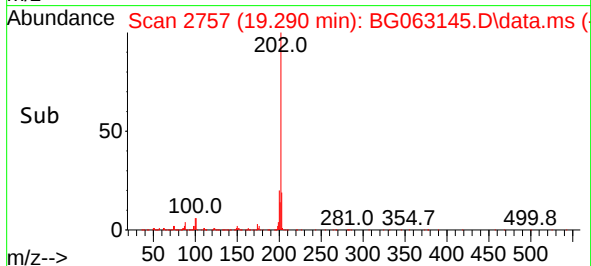
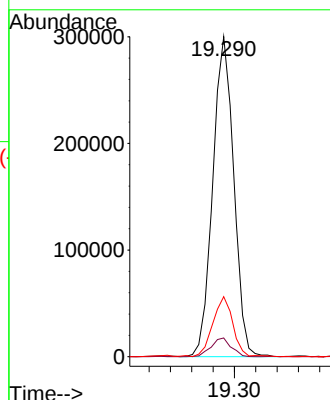
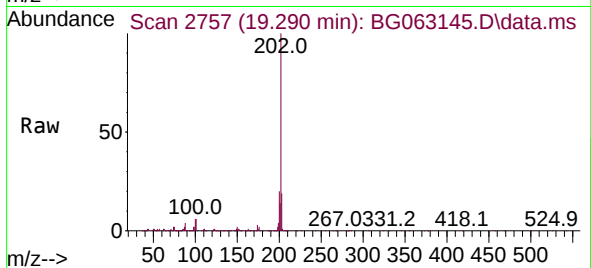
MDL-WATER-03-QT4-2024

Tgt Ion:	202	Resp:	409949
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	25.8
203	18.7	0.0	38.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

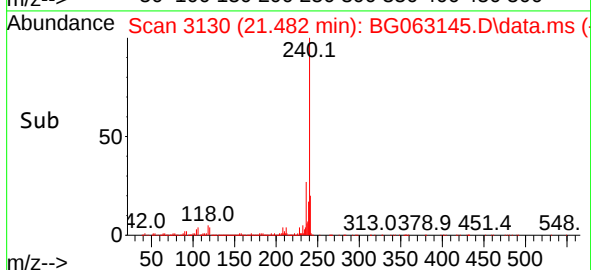
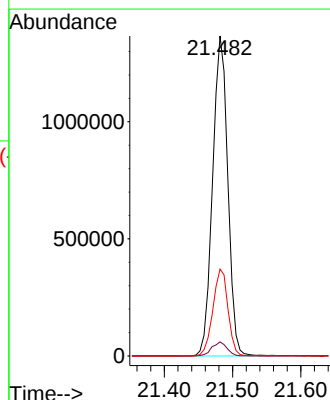
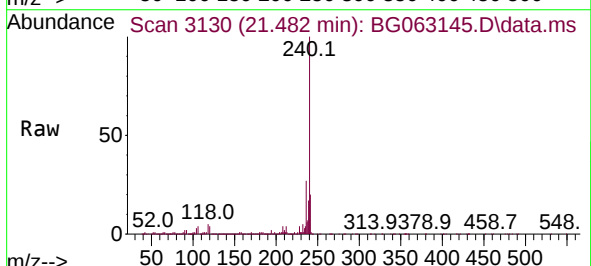
RT: 21.482 min Scan# 3130

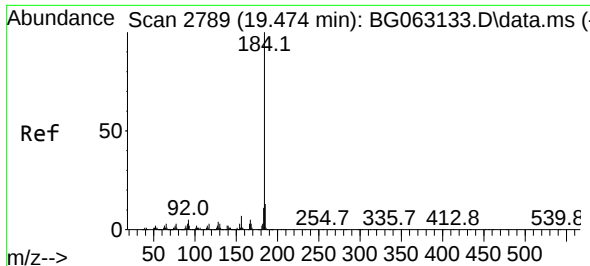
Delta R.T. -0.002 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

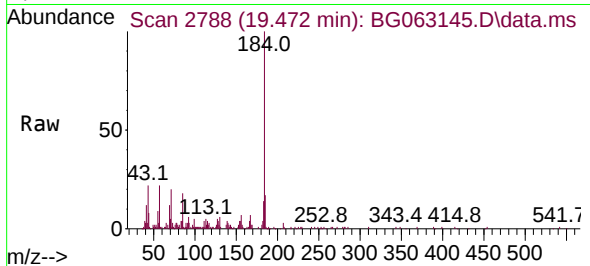
Tgt Ion:	240	Resp:	2117043
Ion Ratio	Lower	Upper	
240	100		
120	4.4	3.9	5.9
236	27.2	21.4	32.2





#77
Benzidine
Concen: 2.076 ng
RT: 19.472 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

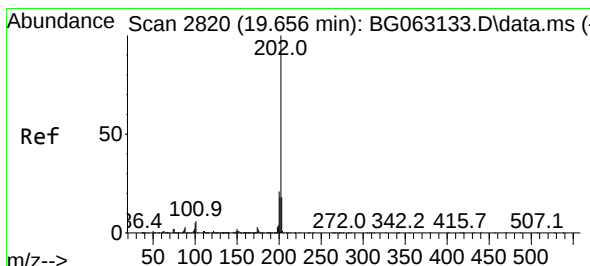
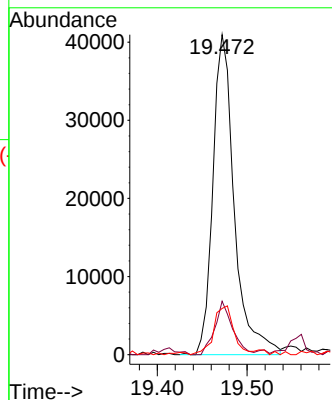
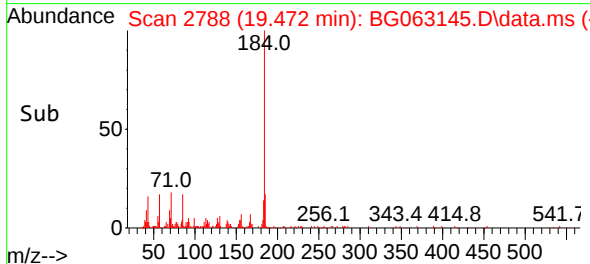
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:184 Resp: 67724
Ion Ratio Lower Upper
184 100
185 16.7 10.6 16.0
183 14.5 8.6 12.8

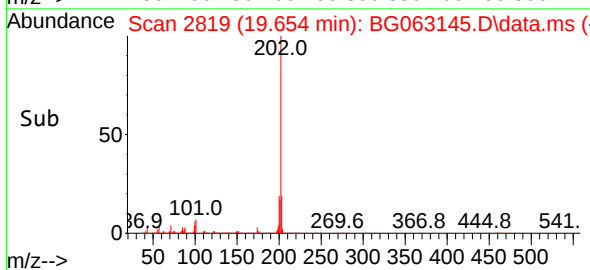
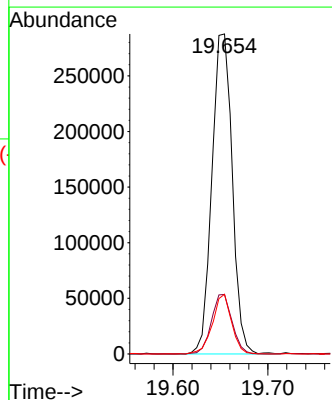
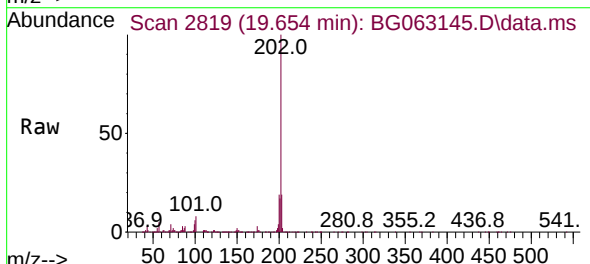
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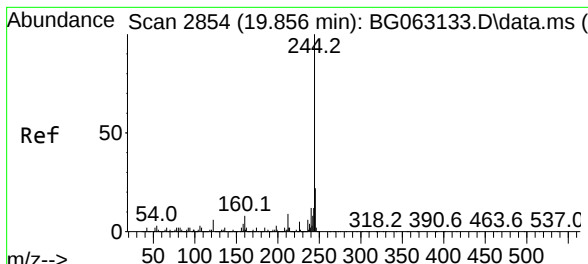
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#78
Pyrene
Concen: 3.407 ng
RT: 19.654 min Scan# 2819
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:202 Resp: 427516
Ion Ratio Lower Upper
202 100
200 18.6 16.7 25.1
203 18.6 14.2 21.2





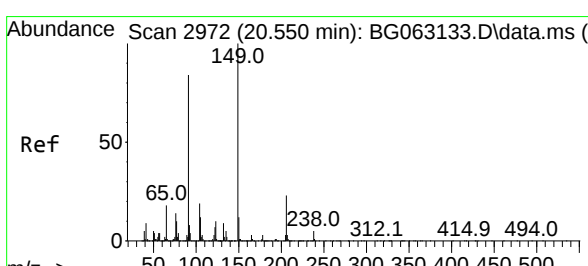
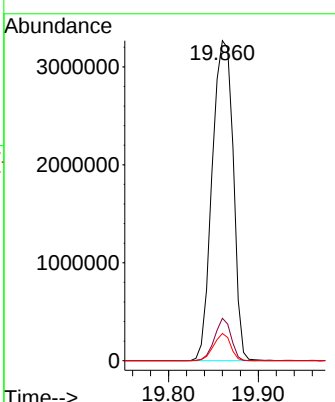
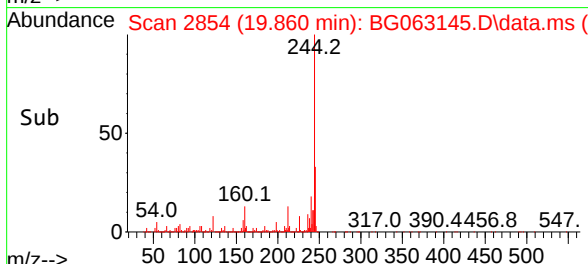
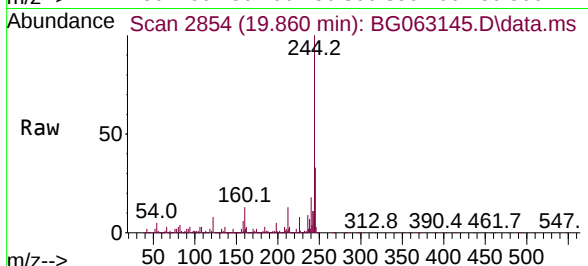
#79
 Terphenyl-d14
 Concen: 51.663 ng
 RT: 19.860 min Scan# 2854
 Delta R.T. 0.004 min
 Lab File: BG063145.D
 Acq: 1 Nov 2024 12:59

Instrument : BNA_G
 ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:244 Resp: 5314928

Ion	Ratio	Lower	Upper
244	100		
212	13.2	7.3	10.9
122	8.5	4.8	7.2

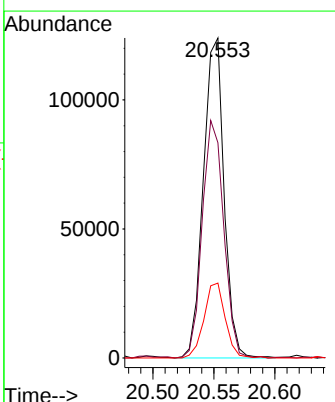
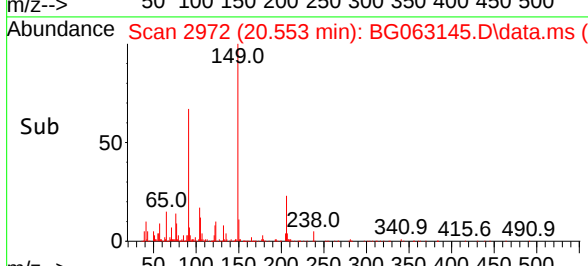
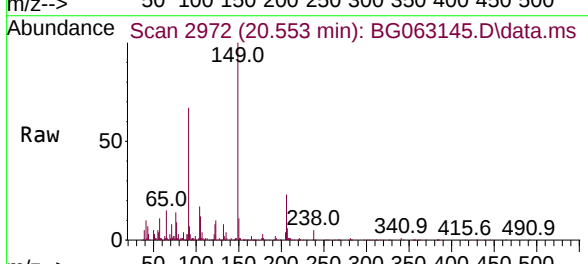
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 Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

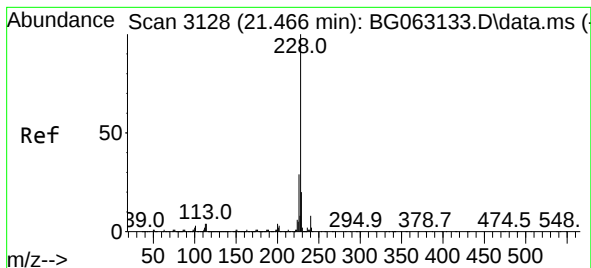


#80
 Butylbenzylphthalate
 Concen: 3.631 ng
 RT: 20.553 min Scan# 2972
 Delta R.T. 0.004 min
 Lab File: BG063145.D
 Acq: 1 Nov 2024 12:59

Tgt Ion:149 Resp: 146800

Ion	Ratio	Lower	Upper
149	100		
91	67.3	67.3	100.9
206	23.4	18.8	28.2





#81

Benzo(a)anthracene

Concen: 3.651 ng

RT: 21.464 min Scan# 3128

Delta R.T. -0.002 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Instrument :

BNA_G

ClientSampleId :

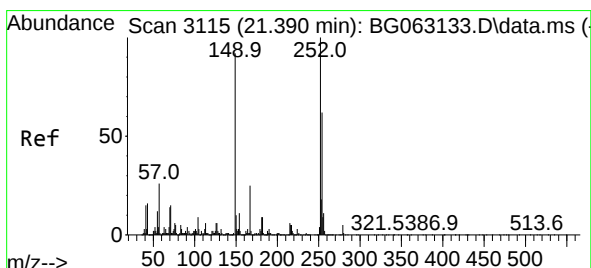
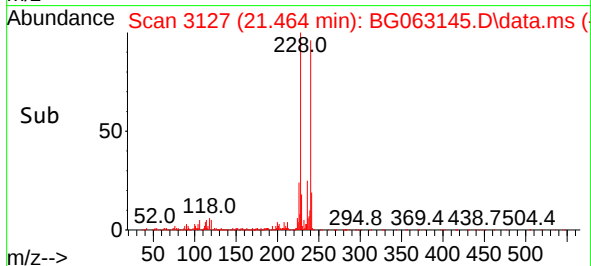
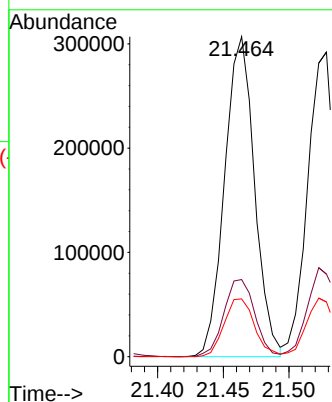
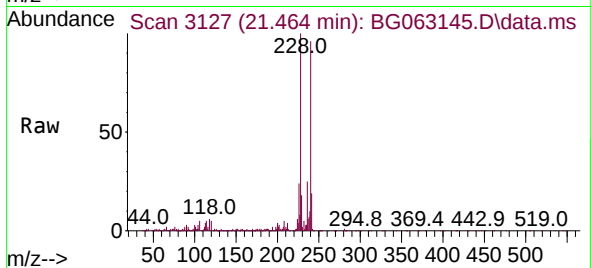
MDL-WATER-03-QT4-2024

Tgt Ion:228 Resp: 486750
 Ion Ratio Lower Upper
 228 100
 226 24.1 23.5 35.3
 229 18.0 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.239 ng

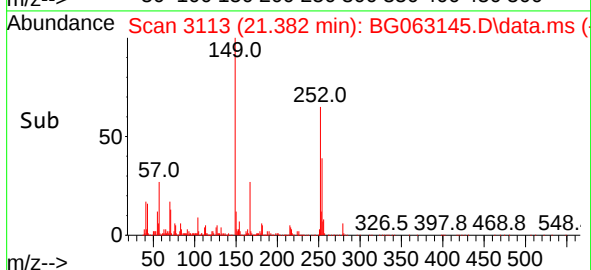
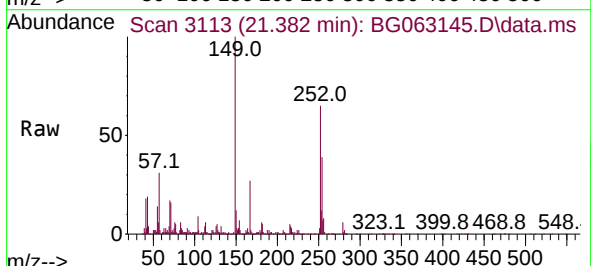
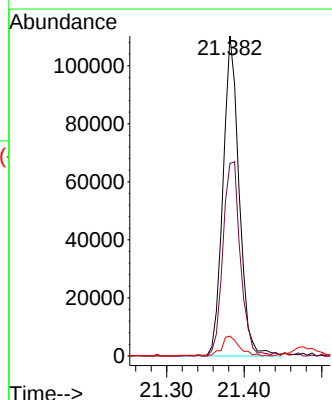
RT: 21.382 min Scan# 3113

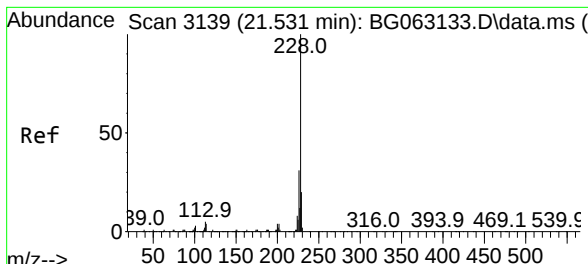
Delta R.T. -0.008 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Tgt Ion:252 Resp: 160114
 Ion Ratio Lower Upper
 252 100
 254 60.1 49.4 74.2
 126 6.2 4.8 7.2



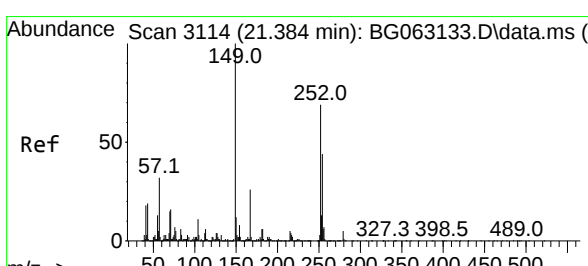
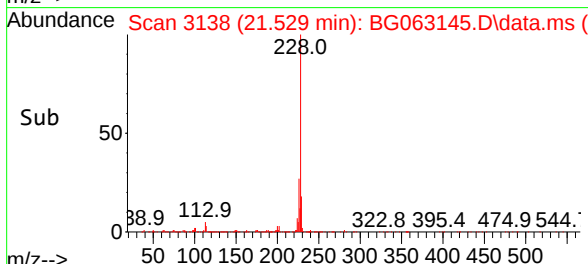
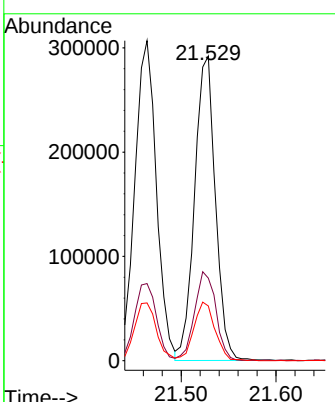
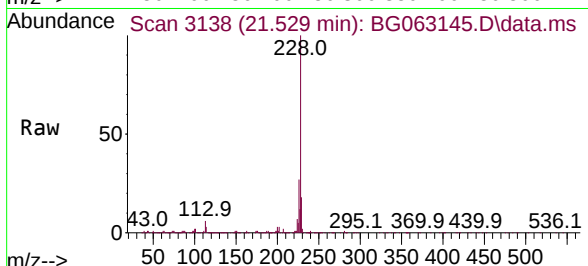


#83
Chrysene
Concen: 3.555 ng
RT: 21.529 min Scan# 3113
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT4-2024

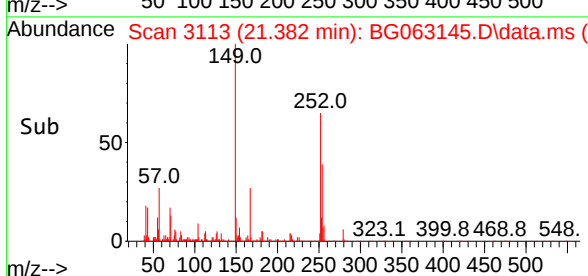
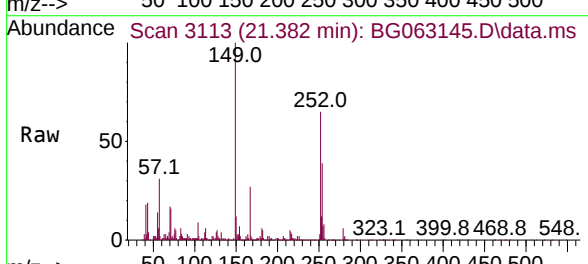
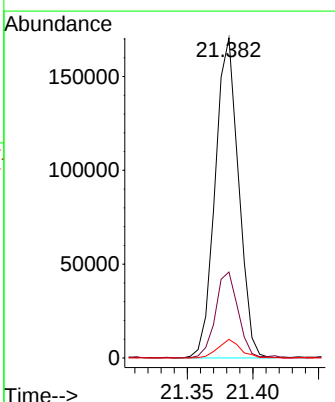
Tgt Ion:	228	Resp:	44524
Ion Ratio	Lower	Upper	
228	100		
226	27.1	24.8	37.2
229	18.0	15.8	23.8

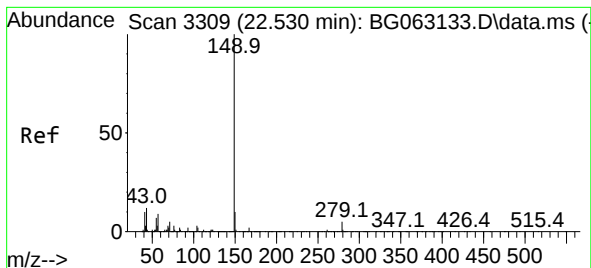
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.611 ng
RT: 21.382 min Scan# 3113
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

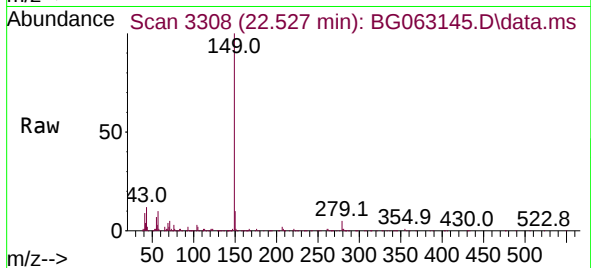
Tgt Ion:	149	Resp:	211837
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.6	31.0
279	5.8	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 3.604 ng
RT: 22.527 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

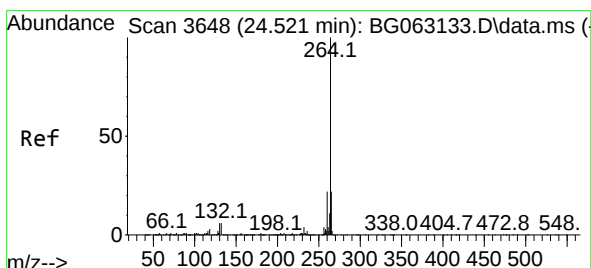
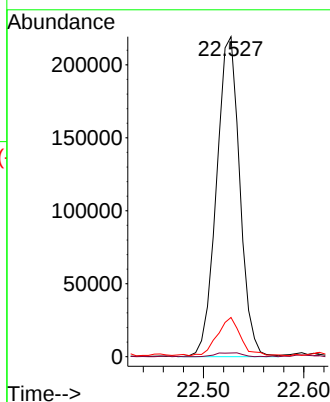
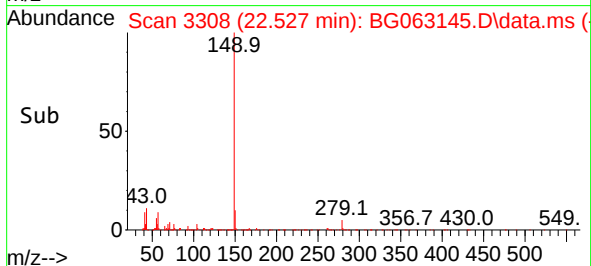
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:149 Resp: 35370
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.0
43 11.9 9.8 14.6

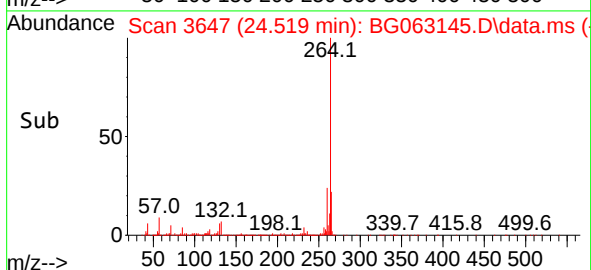
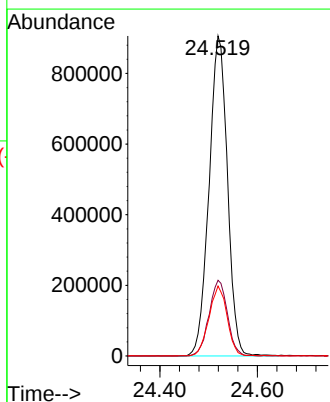
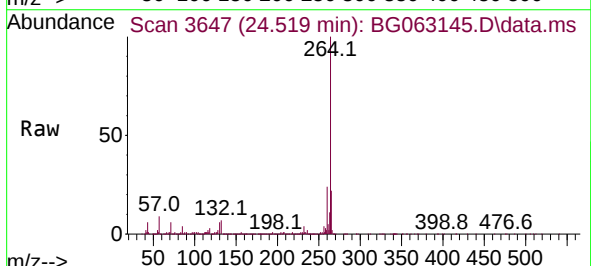
Manual Integrations
APPROVED

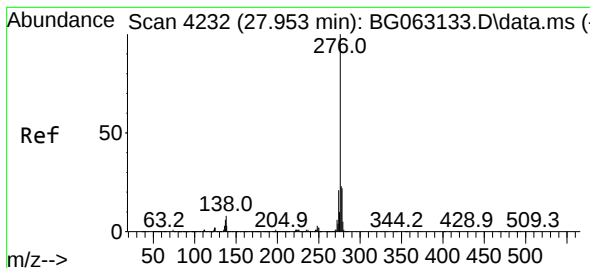
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. -0.002 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:264 Resp: 2373118
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.2
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.610 ng

RT: 27.939 min Scan# 4232

Delta R.T. -0.014 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:276 Resp: 574964

Ion Ratio Lower Upper

276 100

138 0.0 8.3 12.5

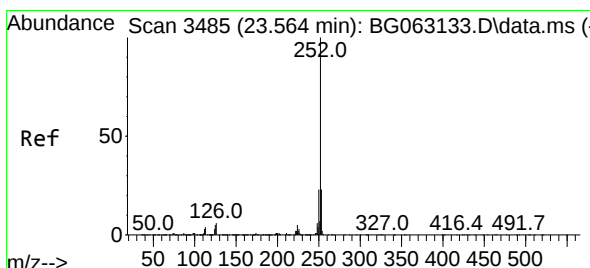
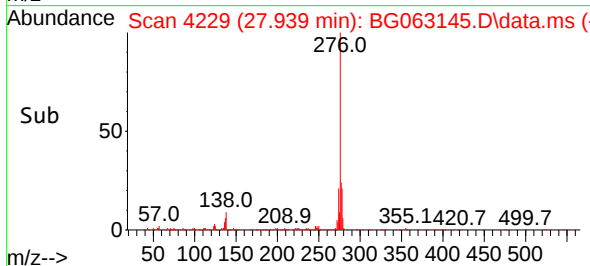
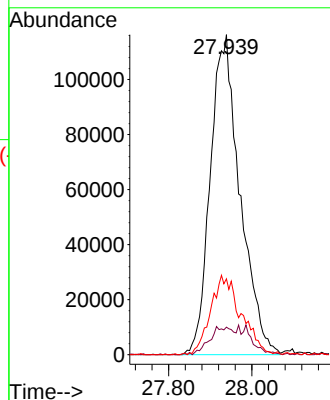
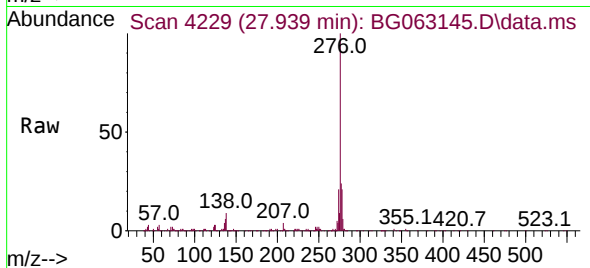
277 25.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024

Supervised By :mohammad ahmed 11/05/2024



#88

Benzo(b)fluoranthene

Concen: 3.405 ng

RT: 23.556 min Scan# 3483

Delta R.T. -0.008 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

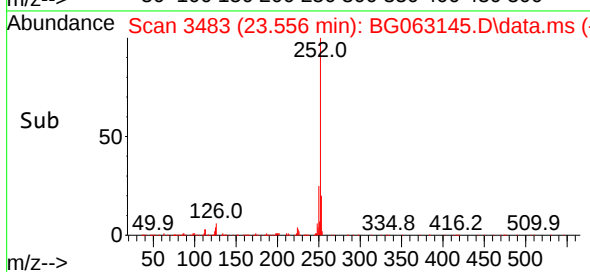
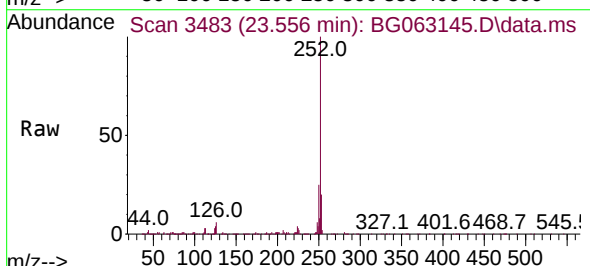
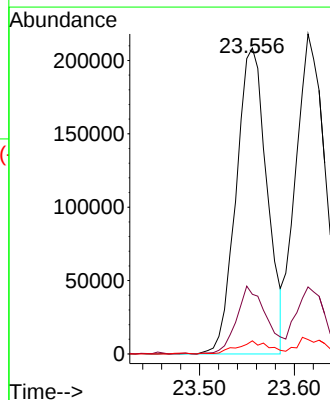
Tgt Ion:252 Resp: 471105

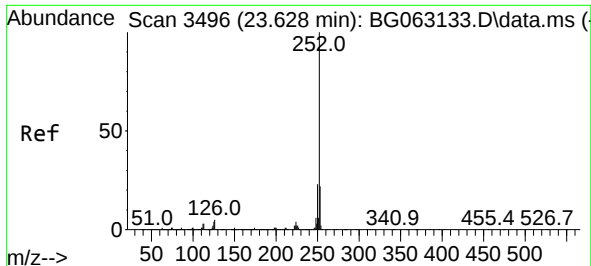
Ion Ratio Lower Upper

252 100

253 19.5 18.7 28.1

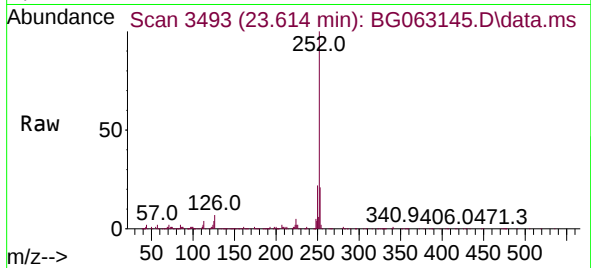
125 4.3 3.6 5.4





#89
Benzo(k)fluoranthene
Concen: 3.579 ng
RT: 23.614 min Scan# 3493
Delta R.T. -0.014 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

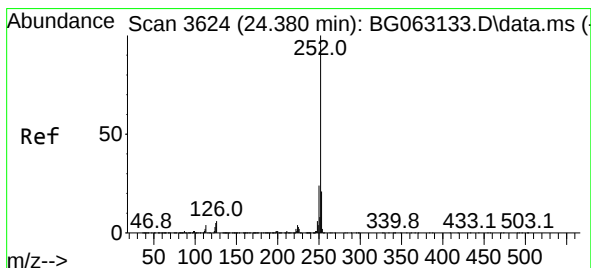
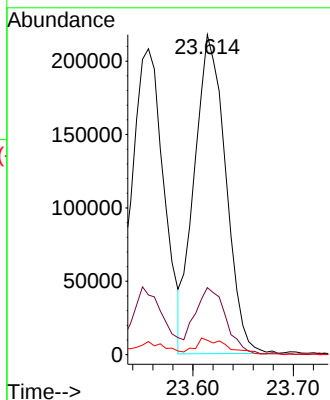
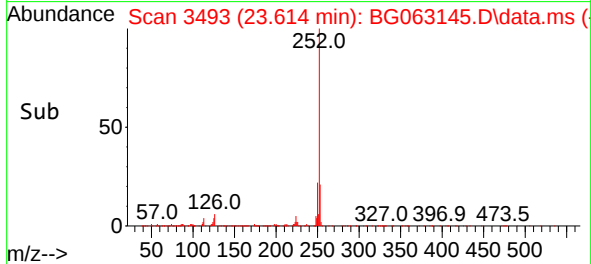
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:252 Resp: 472440
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 4.5 3.0 4.6

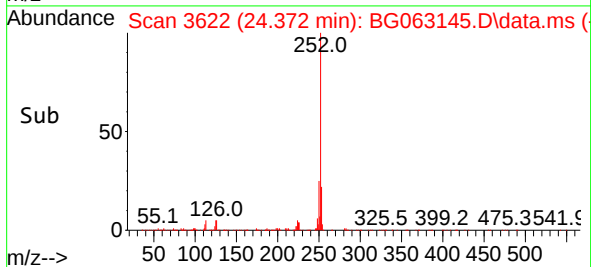
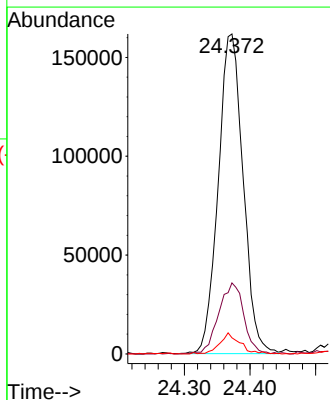
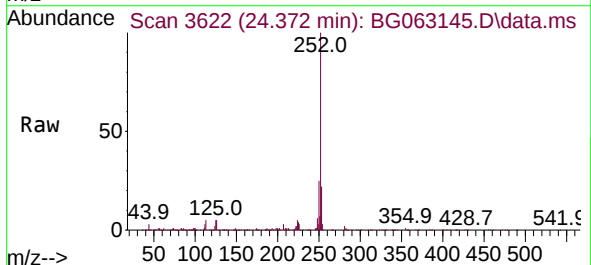
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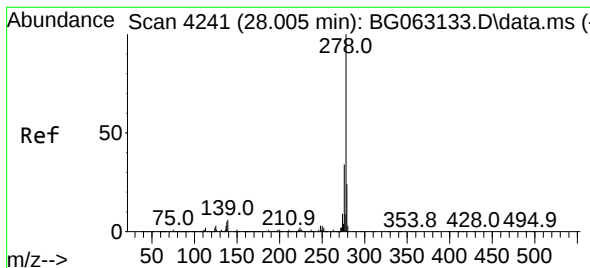
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#90
Benzo(a)pyrene
Concen: 3.523 ng
RT: 24.372 min Scan# 3622
Delta R.T. -0.008 min
Lab File: BG063145.D
Acq: 1 Nov 2024 12:59

Tgt Ion:252 Resp: 425487
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 5.1 3.7 5.5





#91

Dibenzo(a,h)anthracene

Concen: 3.494 ng

RT: 27.986 min Scan# 41

Delta R.T. -0.020 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:278 Resp: 464580

Ion Ratio Lower Upper

278 100

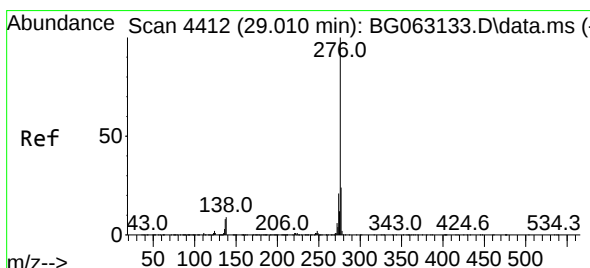
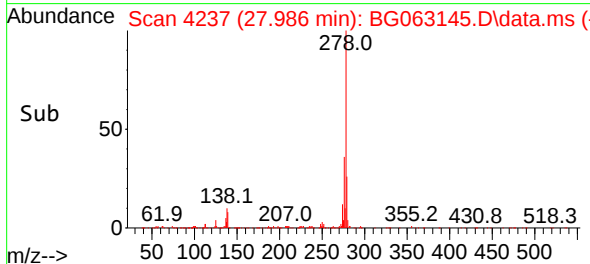
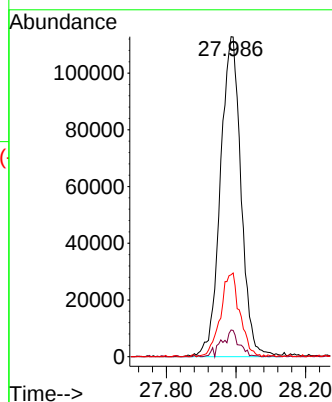
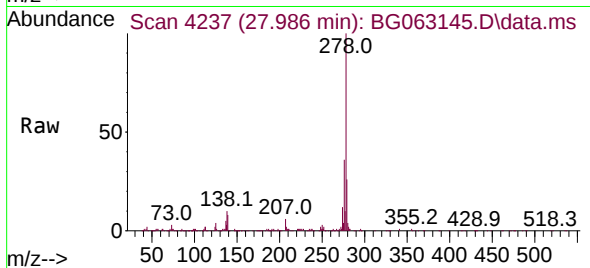
139 8.4 5.0 7.6

279 25.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#92

Benzo(g,h,i)perylene

Concen: 3.328 ng

RT: 28.990 min Scan# 4408

Delta R.T. -0.020 min

Lab File: BG063145.D

Acq: 1 Nov 2024 12:59

Tgt Ion:276 Resp: 437367

Ion Ratio Lower Upper

276 100

277 21.4 19.3 28.9

138 9.4 7.0 10.4

