

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
 Data File : BG057457.D
 Acq On : 18 May 2023 11:52
 Operator : CG/JU
 Sample : 02213-07
 Misc : LOD-MDL-WATER-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 18 13:16:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16652	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	69875	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	56792	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	143687	20.000	ng	0.00
76) Chrysene-d12	22.021	240	133725	20.000	ng	-0.01
86) Perylene-d12	25.516	264	140828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	99798	102.520	ng	0.00
7) Phenol-d6	7.499	99	149065	100.840	ng	0.00
23) Nitrobenzene-d5	9.538	82	109394	65.708	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	85069	105.568	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	300881	71.353	ng	0.00
79) Terphenyl-d14	20.282	244	565714	69.037	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.675	88	1465	3.640	ng	91
3) Pyridine	4.122	79	3487	2.696	ng	# 75
4) n-Nitrosodimethylamine	4.016	42	1605	2.640	ng	# 98
6) Aniline	7.676	93	6427	3.427	ng	# 89
8) 2-Chlorophenol	7.916	128	3770	3.665	ng	96
10) Phenol	7.523	94	5154	3.577	ng	87
11) bis(2-Chloroethyl)ether	7.758	93	3813	3.509	ng	89
12) 1,3-Dichlorobenzene	8.251	146	4479	3.945	ng	96
13) 1,4-Dichlorobenzene	8.392	146	4392	3.851	ng	97
14) 1,2-Dichlorobenzene	8.721	146	4218m	3.832	ng	
15) Benzyl Alcohol	8.592	79	3367	2.734	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.874	45	4434	3.238	ng	88
17) 2-Methylphenol	8.798	107	3311	3.187	ng	97
18) Hexachloroethane	9.455	117	1477	3.589	ng	97
19) n-Nitroso-di-n-propyla...	9.156	70	3514	3.118	ng	# 86
20) 3+4-Methylphenols	9.127	107	4528	3.183	ng	86
22) Acetophenone	9.185	105	7046	3.523	ng	# 90
24) Nitrobenzene	9.579	77	5862	3.489	ng	93
25) Isophorone	10.096	82	10130	3.138	ng	98
26) 2-Nitrophenol	10.301	139	2104	3.271	ng	92
27) 2,4-Dimethylphenol	10.343	122	3648	3.239	ng	94
28) bis(2-Chloroethoxy)met...	10.572	93	5362	3.315	ng	100
29) 2,4-Dichlorophenol	10.859	162	4079	3.415	ng	# 79
30) 1,2,4-Trichlorobenzene	11.059	180	5055	3.669	ng	94
31) Naphthalene	11.247	128	13148	3.520	ng	# 95
33) 4-Chloroaniline	11.359	127	5496	3.276	ng	# 92
34) Hexachlorobutadiene	11.517	225	3725	3.644	ng	# 76
35) Caprolactam	12.099	113	1179	2.889	ng	# 91
36) 4-Chloro-3-methylphenol	12.451	107	4390	3.234	ng	91
37) 2-Methylnaphthalene	12.827	142	10404	3.542	ng	97
38) 1-Methylnaphthalene	13.045	142	9505m	3.433	ng	
40) 1,2,4,5-Tetrachloroben...	13.186	216	7604	3.772	ng	94
41) Hexachlorocyclopentadiene	13.156	237	289	6.570	ng	# 27
43) 2,4,6-Trichlorophenol	13.427	196	3853	3.137	ng	94
44) 2,4,5-Trichlorophenol	13.515	196	4477	3.099	ng	# 92
46) 1,1'-Biphenyl	13.808	154	15529	3.685	ng	97

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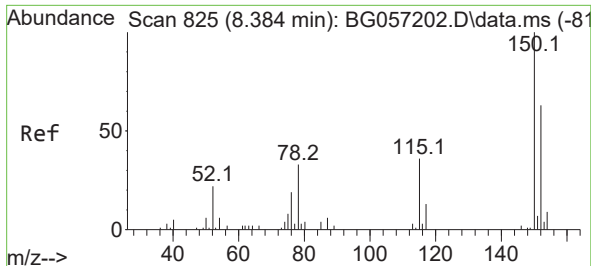
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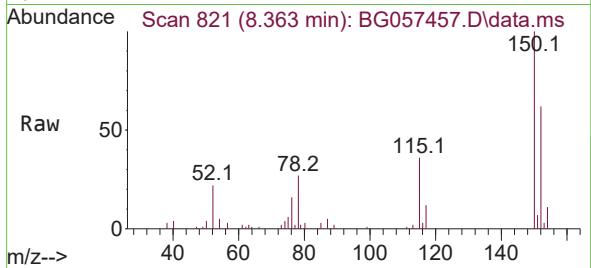
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.867	162	11454	3.655	ng	95
48) 2-Nitroaniline	14.061	65	3065	2.876	ng	93
49) Acenaphthylene	14.701	152	17707	3.478	ng	94
50) Dimethylphthalate	14.402	163	15509	3.323	ng	97
51) 2,6-Dinitrotoluene	14.537	165	3128	3.283	ng	90
52) Acenaphthene	15.036	154	11537	3.626	ng	97
53) 3-Nitroaniline	14.878	138	2755	2.886	ng	# 77
55) Dibenzofuran	15.365	168	19301	3.611	ng	97
56) 4-Nitrophenol	15.207	139	1054	1.660	ng	# 81
57) 2,4-Dinitrotoluene	15.330	165	4409	3.238	ng	# 92
58) Fluorene	16.011	166	15296	3.474	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.600	232	4407	3.364	ng	# 93
60) Diethylphthalate	15.753	149	15574	3.286	ng	94
61) 4-Chlorophenyl-phenyle...	15.994	204	9138	3.445	ng	98
62) 4-Nitroaniline	16.035	138	2759	2.865	ng	# 86
63) Azobenzene	16.287	77	14135	3.091	ng	96
65) 4,6-Dinitro-2-methylph...	16.099	198	1545	1.801	ng	91
66) n-Nitrosodiphenylamine	16.205	169	13493	3.457	ng	98
67) 4-Bromophenyl-phenylether	16.887	248	6050	3.449	ng	92
68) Hexachlorobenzene	17.022	284	6720	3.942	ng	# 92
69) Atrazine	17.133	200	5997	4.028	ng	99
70) Pentachlorophenol	17.409	266	369	0.376	ng	# 20
71) Phenanthrene	17.756	178	26790	3.639	ng	98
72) Anthracene	17.844	178	26704	3.535	ng	99
73) Carbazole	18.114	167	22356	3.515	ng	97
74) Di-n-butylphthalate	18.625	149	23447	3.204	ng	98
75) Fluoranthene	19.747	202	32394	3.537	ng	98
77) Benzidine	19.912	184	13652	4.566	ng	# 94
78) Pyrene	20.106	202	33345	3.432	ng	96
80) Butylbenzylphthalate	20.958	149	10454	3.391	ng	# 87
81) Benzo(a)anthracene	21.997	228	32346	3.395	ng	97
82) 3,3'-Dichlorobenzidine	21.897	252	12903	4.228	ng	92
83) Chrysene	22.068	228	31447	3.508	ng	99
84) Bis(2-ethylhexyl)phtha...	21.845	149	14820	3.249	ng	100
85) Di-n-octyl phthalate	23.131	149	24390	3.207	ng	99
87) Indeno(1,2,3-cd)pyrene	29.558	276	34366	3.348	ng	# 95
88) Benzo(b)fluoranthene	24.394	252	33025	3.587	ng	98
89) Benzo(k)fluoranthene	24.470	252	32091	3.430	ng	98
90) Benzo(a)pyrene	25.352	252	28452	3.164	ng	99
91) Dibenzo(a,h)anthracene	29.605	278	29650	3.469	ng	# 95
92) Benzo(g,h,i)perylene	30.838	276	28811	3.452	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

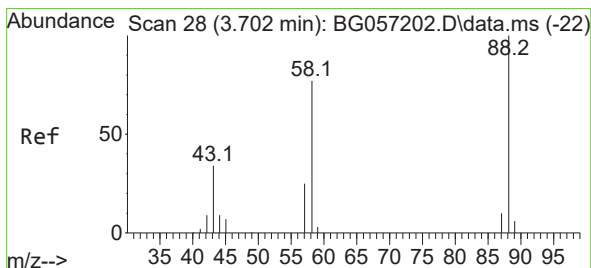
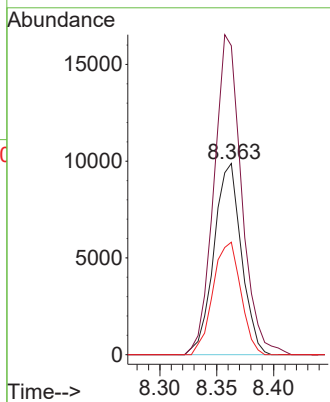
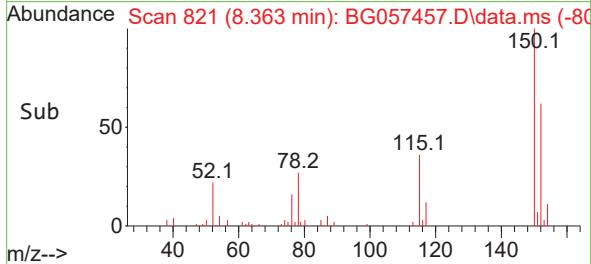
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:152 Resp: 1665
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.4
115 58.8 45.0 67.4

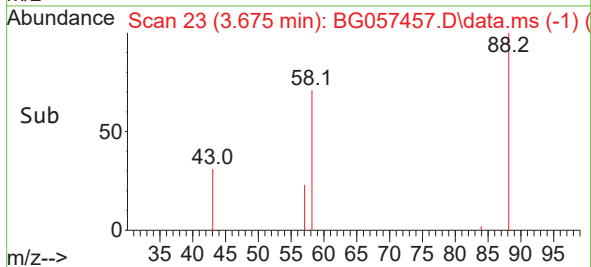
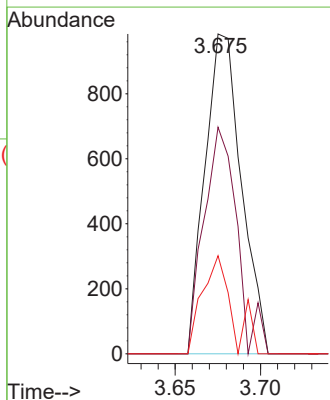
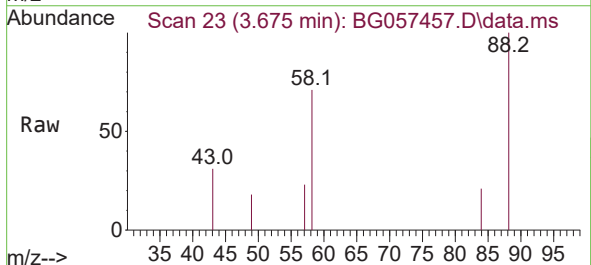
Manual Integrations
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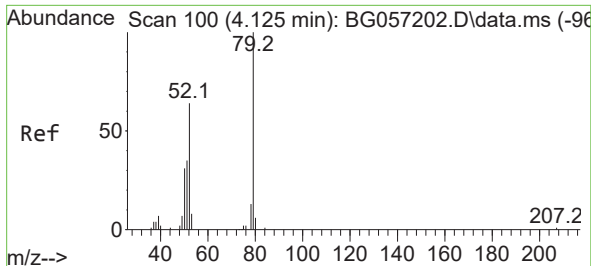
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#2
1,4-Dioxane
Concen: 3.640 ng
RT: 3.675 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

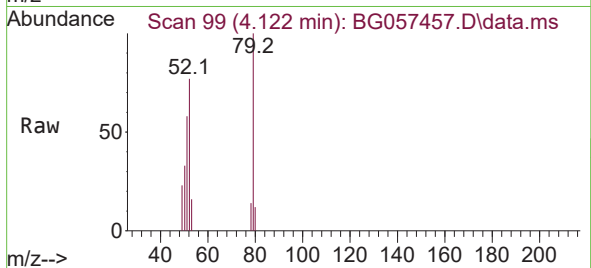
Tgt Ion: 88 Resp: 1465
Ion Ratio Lower Upper
88 100
58 63.8 57.1 85.7
43 25.1 24.4 36.6





#3
Pyridine
Concen: 2.696 ng
RT: 4.122 min Scan# 90
Delta R.T. 0.017 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

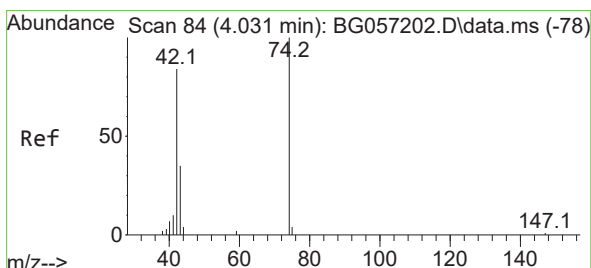
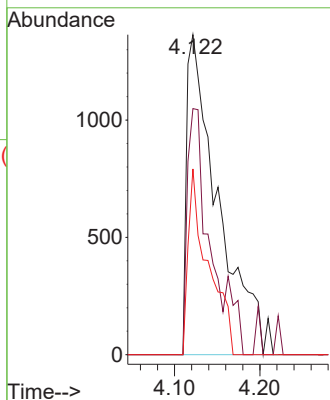
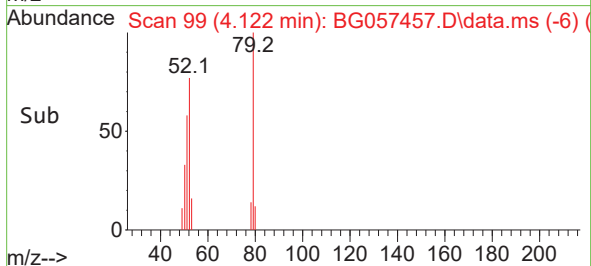
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



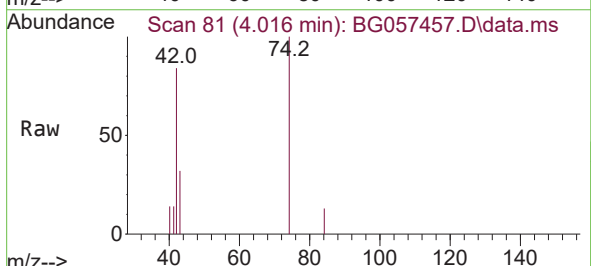
Tgt Ion: 79 Resp: 348
Ion Ratio Lower Upper
79 100
52 76.9 51.4 77.0
51 58.1 28.0 42.0

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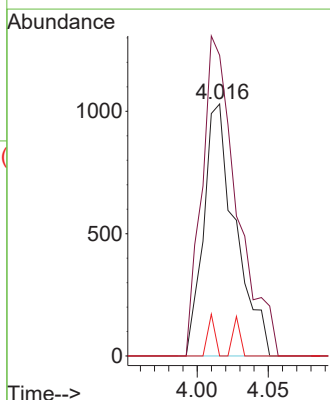
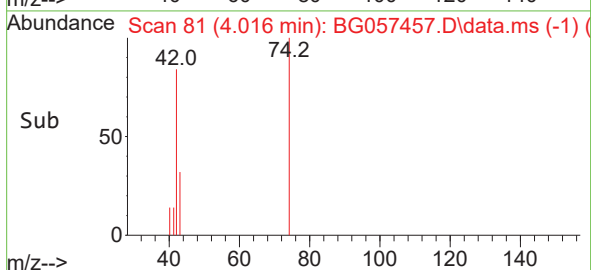
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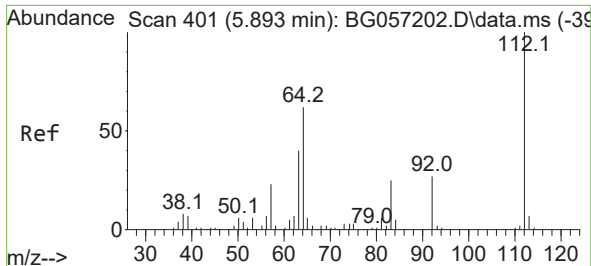


#4
n-Nitrosodimethylamine
Concen: 2.640 ng
RT: 4.016 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



Tgt Ion: 42 Resp: 1605
Ion Ratio Lower Upper
42 100
74 119.3 95.1 142.7
44 0.0 5.8 8.8





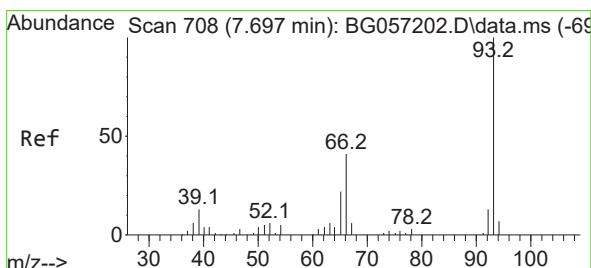
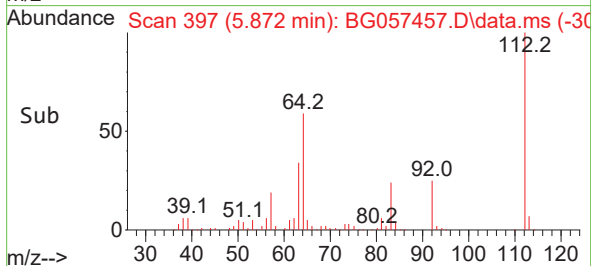
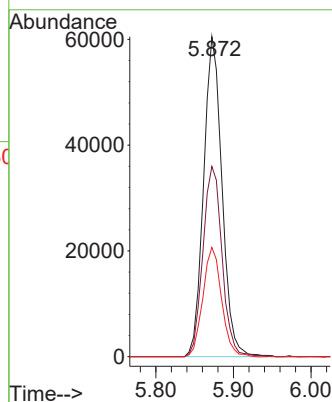
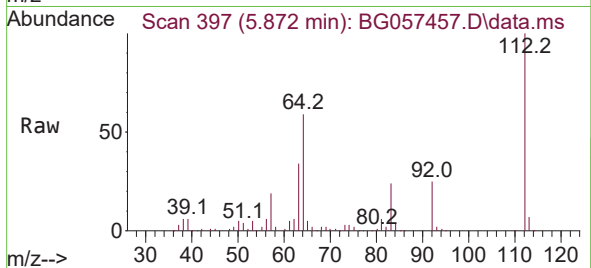
#5
2-Fluorophenol
Concen: 102.520 ng
RT: 5.872 min Scan# 397
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:112 Resp: 99798
Ion Ratio Lower Upper
112 100
64 59.5 49.4 74.2
63 34.2 31.6 47.4

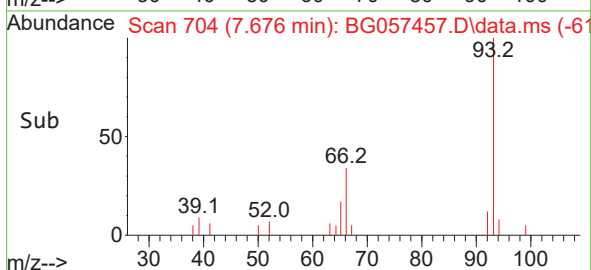
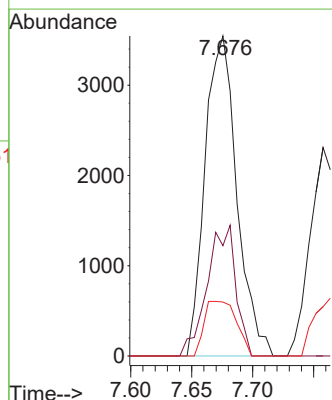
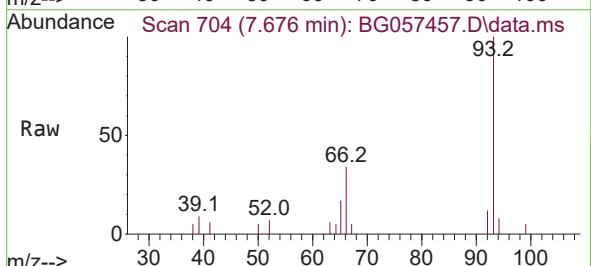
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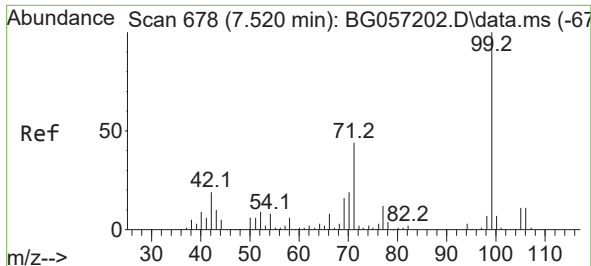
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#6
Aniline
Concen: 3.427 ng
RT: 7.676 min Scan# 704
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

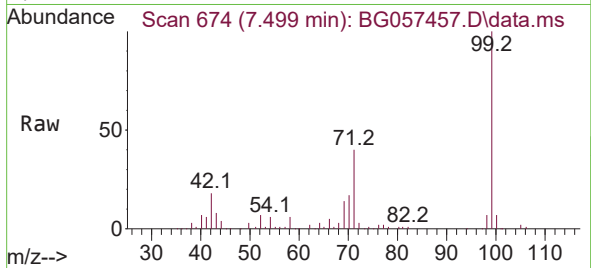
Tgt Ion: 93 Resp: 6427
Ion Ratio Lower Upper
93 100
66 34.5 33.0 49.6
65 16.9 18.0 27.0#





#7
Phenol-d6
Concen: 100.840 ng
RT: 7.499 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

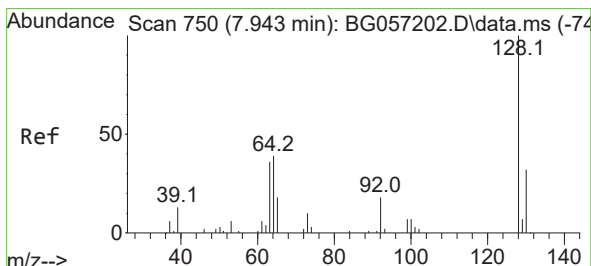
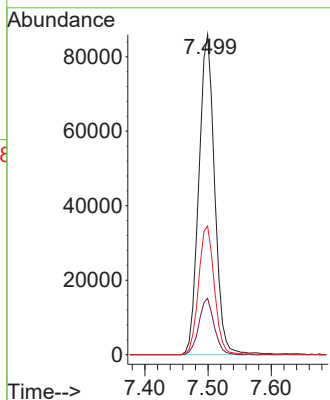
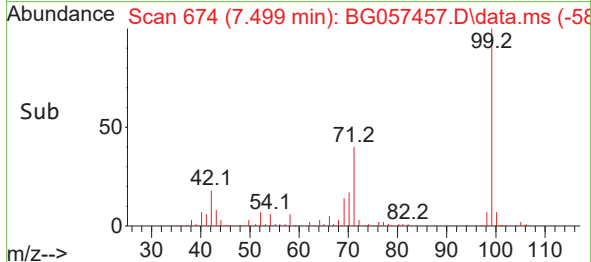
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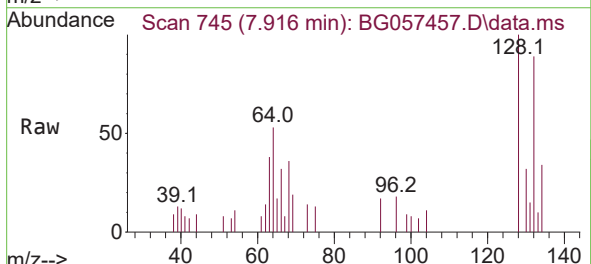
Tgt Ion: 99 Resp: 14906
Ion Ratio Lower Upper
99 100
42 17.6 15.1 22.7
71 40.2 35.2 52.8

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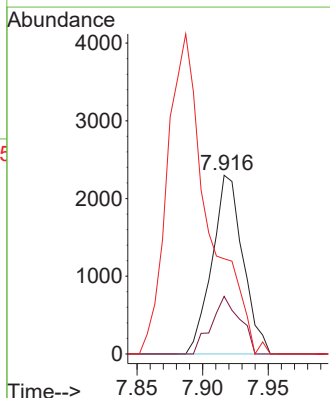
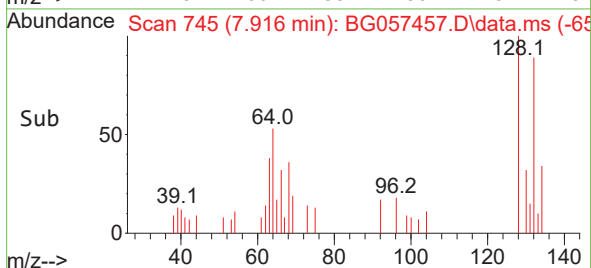
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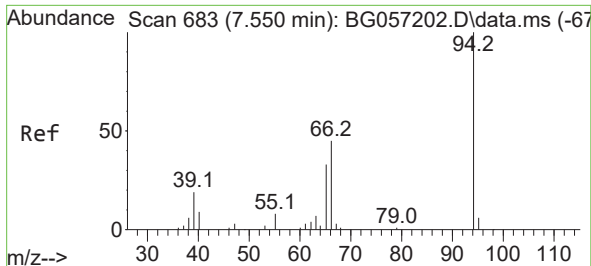


#8
2-Chlorophenol
Concen: 3.665 ng
RT: 7.916 min Scan# 745
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



Tgt Ion:128 Resp: 3770
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 53.3 28.4 68.4





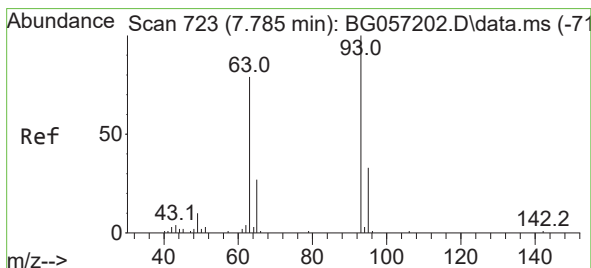
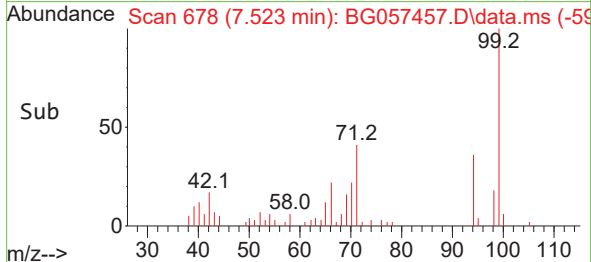
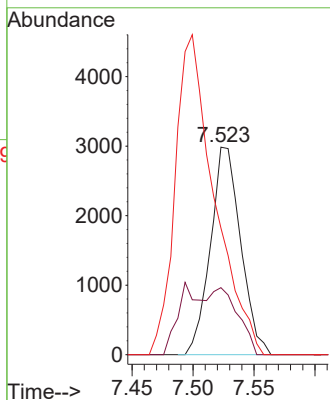
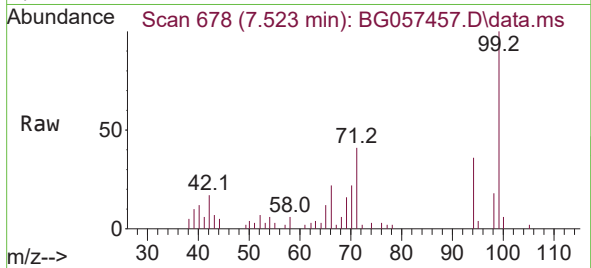
#10
Phenol
Concen: 3.577 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 94 Resp: 5154
Ion Ratio Lower Upper
94 100
65 32.3 13.5 53.5
66 61.1 26.7 66.7

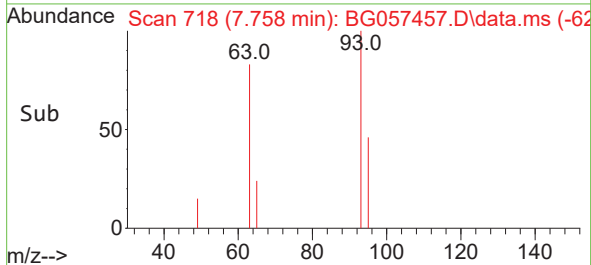
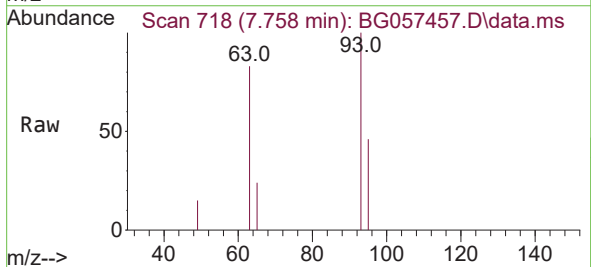
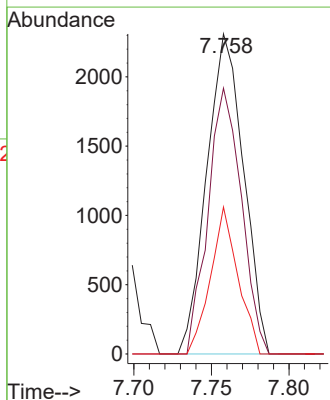
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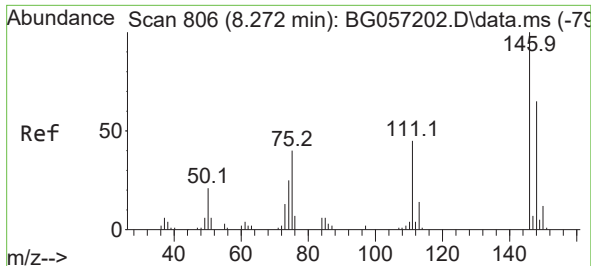
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#11
bis(2-Chloroethyl)ether
Concen: 3.509 ng
RT: 7.758 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Tgt Ion: 93 Resp: 3813
Ion Ratio Lower Upper
93 100
63 83.0 58.6 98.6
95 45.9 12.2 52.2





#12

1,3-Dichlorobenzene

Concen: 3.945 ng

RT: 8.251 min Scan# 806

Delta R.T. -0.001 min

Lab File: BG057457.D

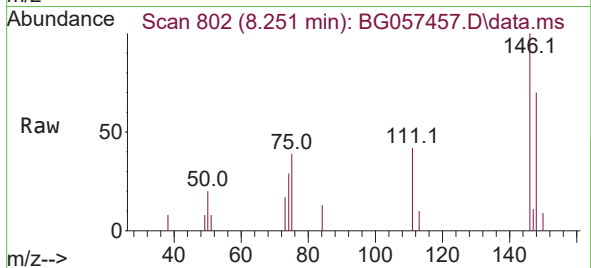
Acq: 18 May 2023 11:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:146 Resp: 4479

Ion Ratio Lower Upper

146 100

148 70.1 52.2 78.2

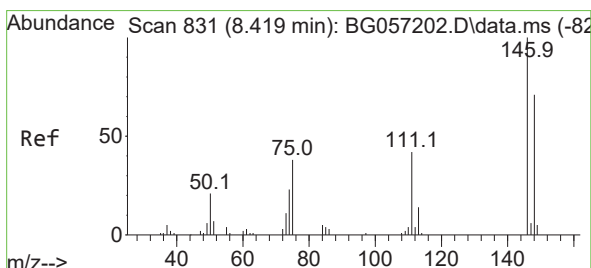
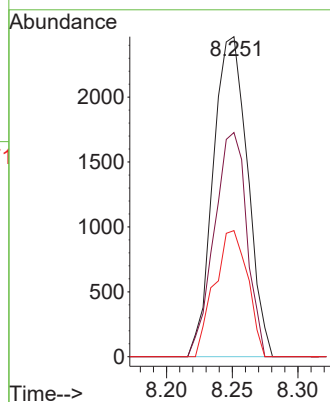
75 39.4 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#13

1,4-Dichlorobenzene

Concen: 3.851 ng

RT: 8.392 min Scan# 826

Delta R.T. -0.006 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

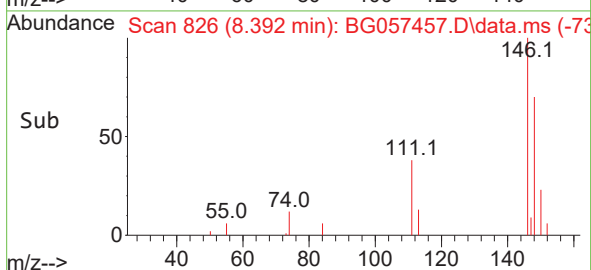
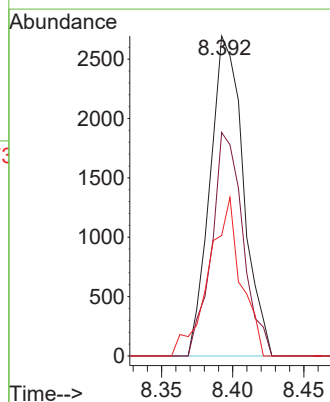
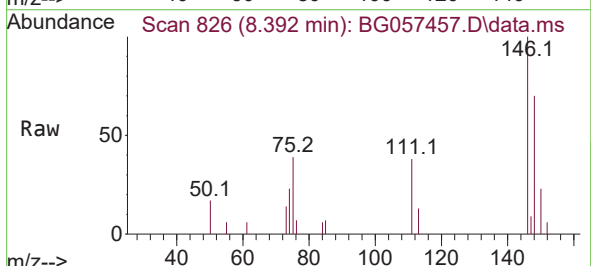
Tgt Ion:146 Resp: 4392

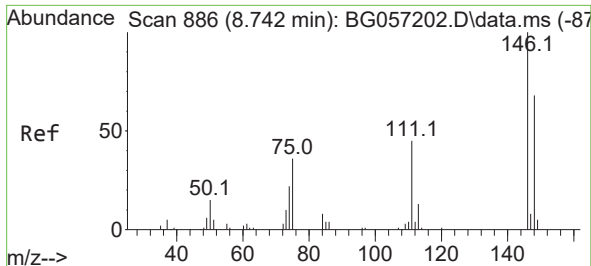
Ion Ratio Lower Upper

146 100

148 69.9 56.4 84.6

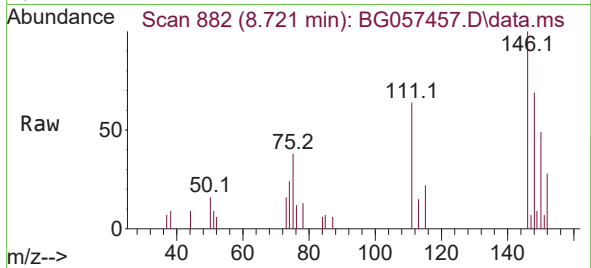
111 37.6 33.8 50.6





#14
1,2-Dichlorobenzene
Concen: 3.832 ng m
RT: 8.721 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

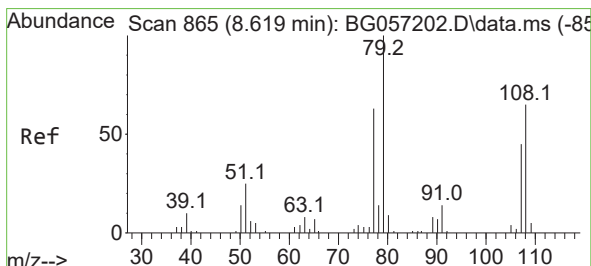
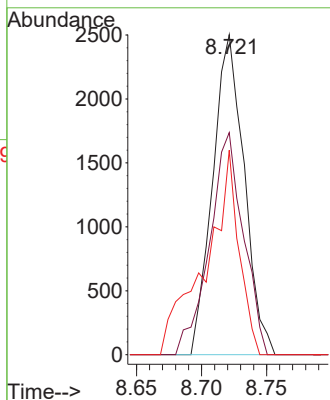
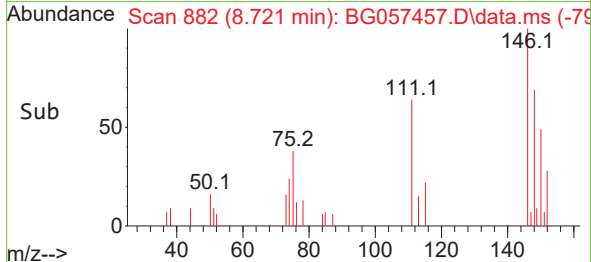
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



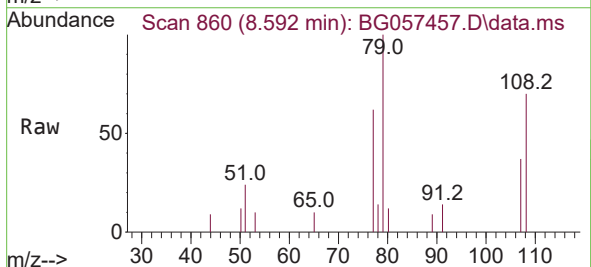
Tgt Ion:146 Resp: 4218
Ion Ratio Lower Upper
146 100
148 69.4 54.6 82.0
111 63.9 37.2 55.8

Manual Integrations
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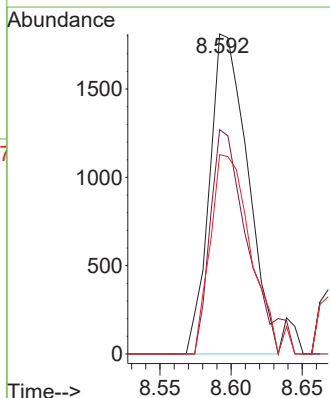
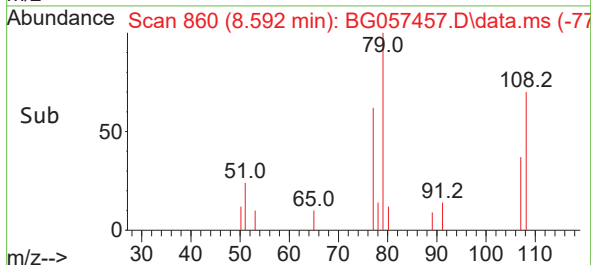
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

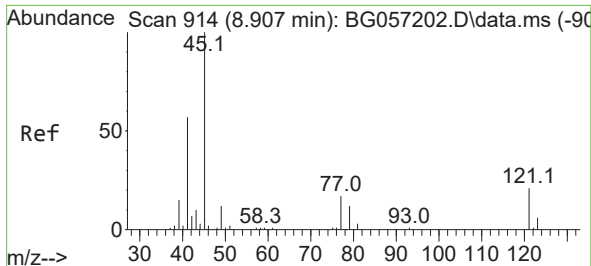


#15
Benzyl Alcohol
Concen: 2.734 ng
RT: 8.592 min Scan# 860
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



Tgt Ion: 79 Resp: 3367
Ion Ratio Lower Upper
79 100
108 70.1 52.2 78.2
77 62.3 50.1 75.1





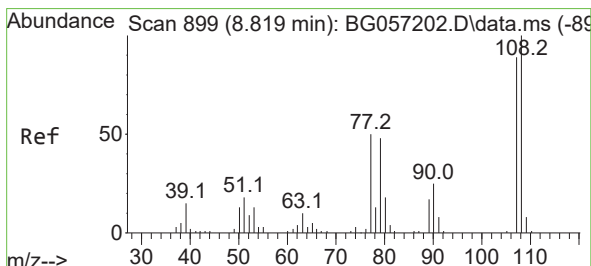
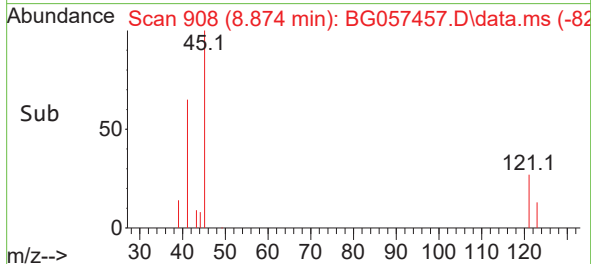
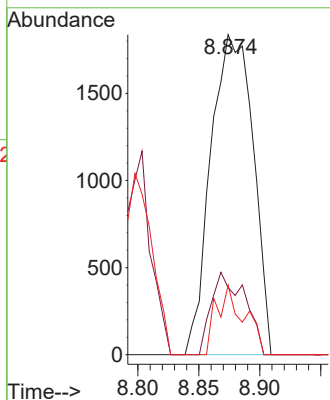
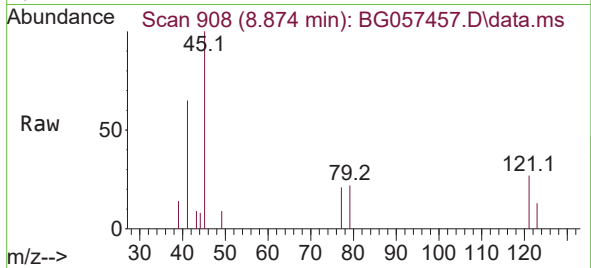
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.238 ng
RT: 8.874 min Scan# 908
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 45 Resp: 4434
Ion Ratio Lower Upper
45 100
77 21.0 0.0 38.5
79 21.7 0.0 33.8

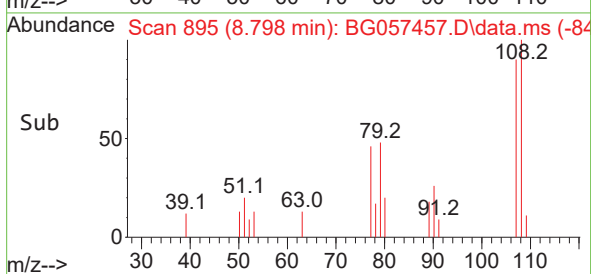
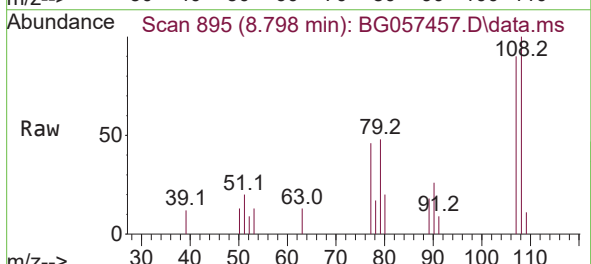
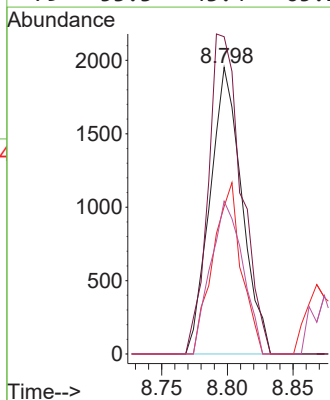
Manual Integrations
APPROVED

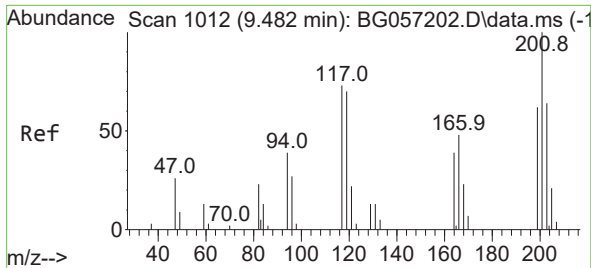
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#17
2-Methylphenol
Concen: 3.187 ng
RT: 8.798 min Scan# 895
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

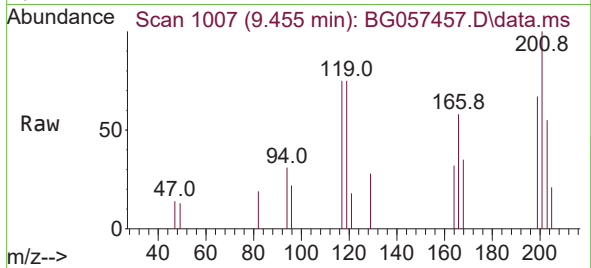
Tgt Ion:107 Resp: 3311
Ion Ratio Lower Upper
107 100
108 110.7 89.5 134.3
77 51.4 45.1 67.7
79 53.3 43.4 65.2





#18
Hexachloroethane
Concen: 3.589 ng
RT: 9.455 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

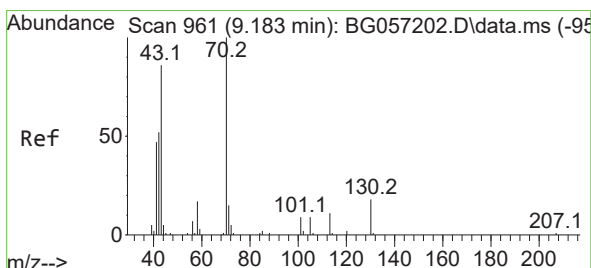
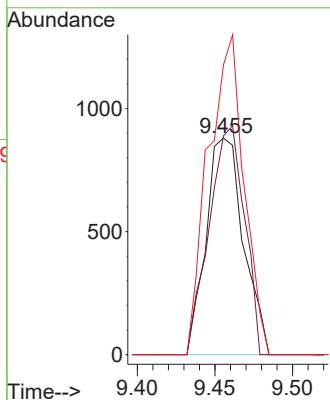
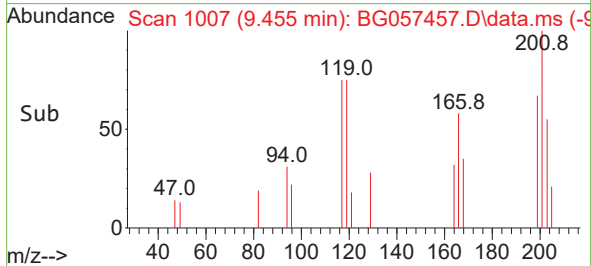
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



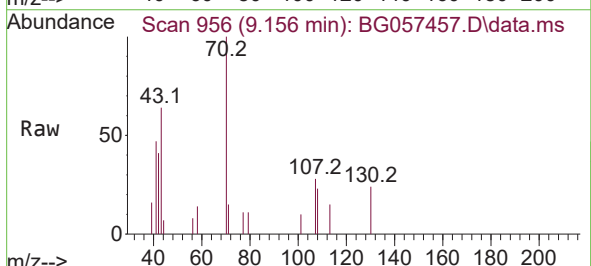
Tgt Ion:117 Resp: 147
Ion Ratio Lower Upper
117 100
119 101.0 76.7 115.1
201 133.9 109.0 163.4

Manual Integrations
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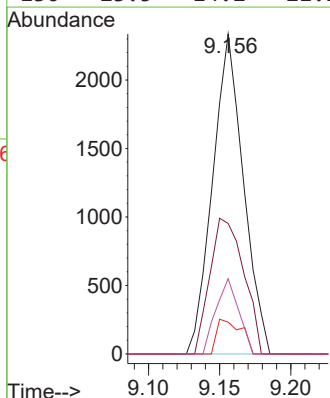
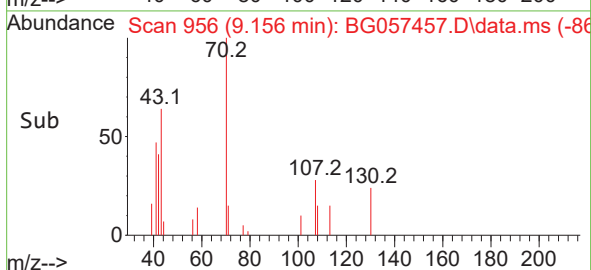
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

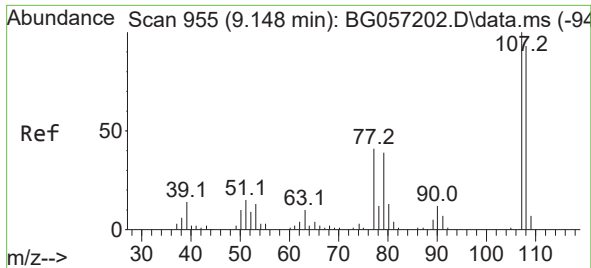


#19
n-Nitroso-di-n-propylamine
Concen: 3.118 ng
RT: 9.156 min Scan# 956
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



Tgt Ion: 70 Resp: 3514
Ion Ratio Lower Upper
70 100
42 40.8 41.8 62.8#
101 10.0 6.8 10.2
130 23.5 14.2 21.2#





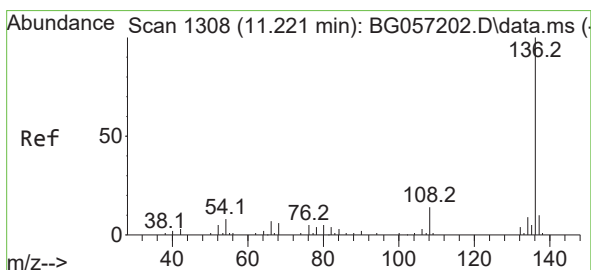
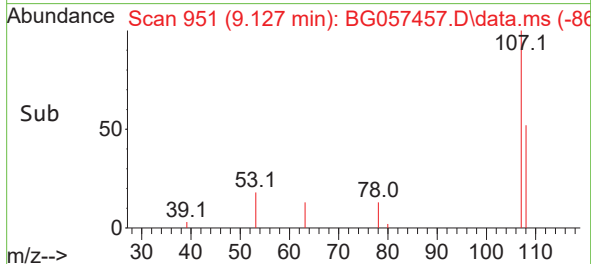
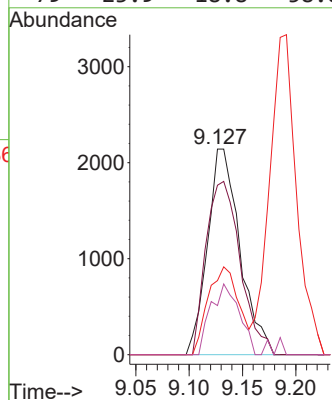
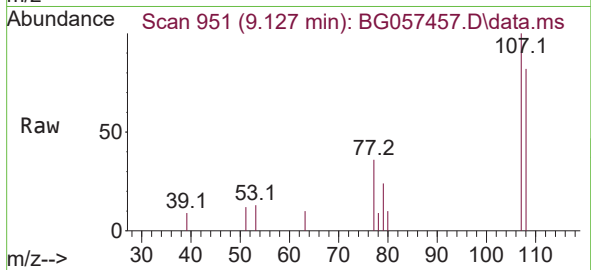
#20
3+4-Methylphenols
Concen: 3.183 ng
RT: 9.127 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:107 Resp: 452
Ion Ratio Lower Upper
107 100
108 82.4 73.5 113.5
77 36.0 21.1 61.1
79 23.9 18.8 58.8

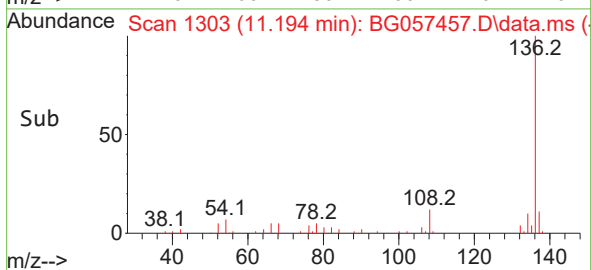
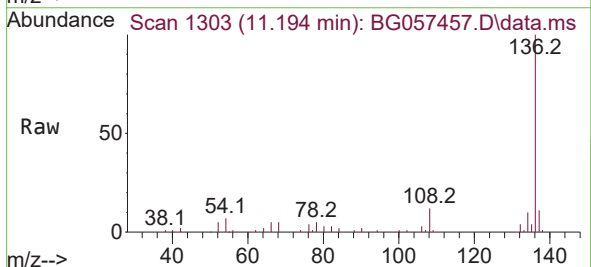
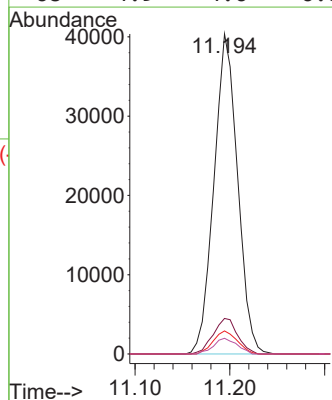
Manual Integrations
APPROVED

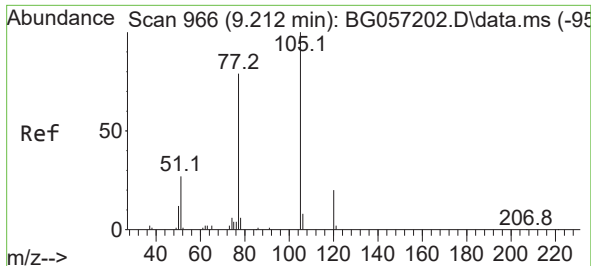
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

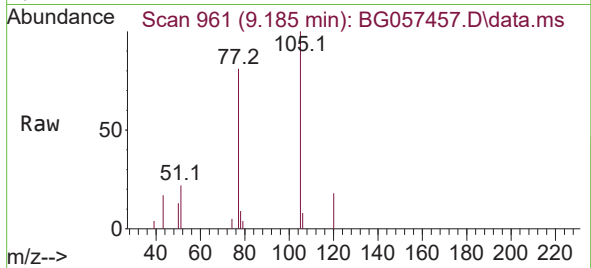
Tgt Ion:136 Resp: 69875
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.2 6.7 10.1
68 4.9 4.6 6.8





#22
Acetophenone
Concen: 3.523 ng
RT: 9.185 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

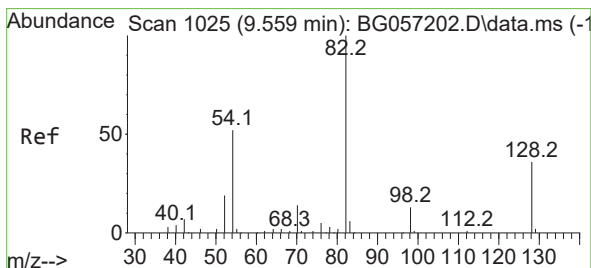
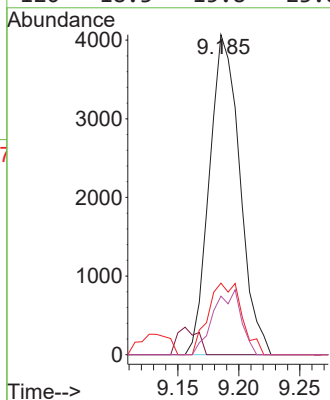
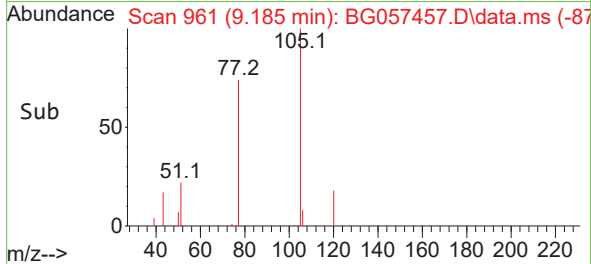
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



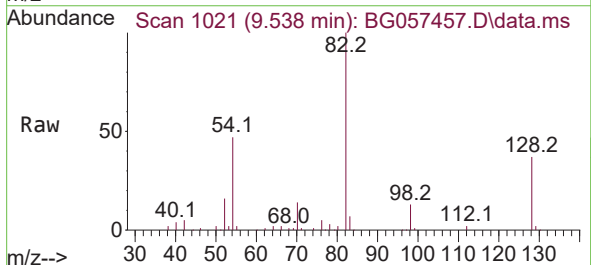
Tgt Ion:105 Resp: 7040
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6
51 22.4 24.0 36.0
120 18.3 15.8 23.8

Manual Integrations
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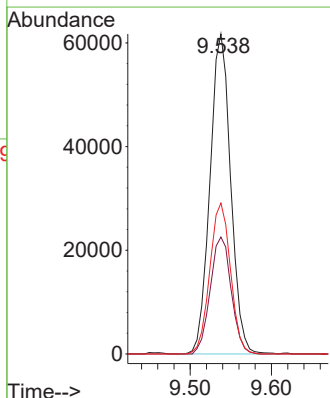
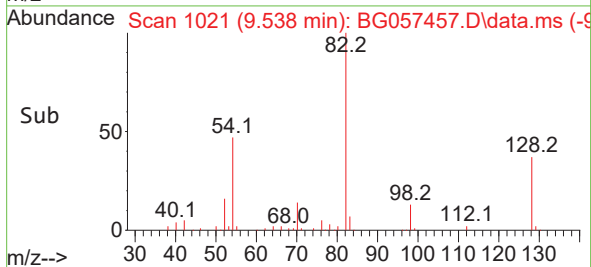
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

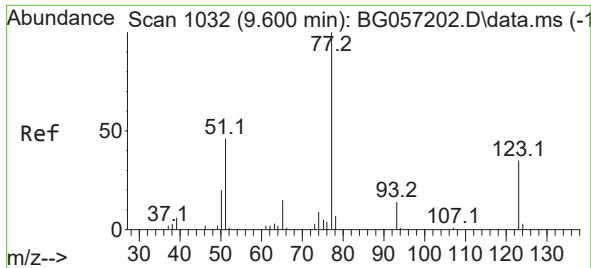


#23
Nitrobenzene-d5
Concen: 65.708 ng
RT: 9.538 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



Tgt Ion: 82 Resp: 109394
Ion Ratio Lower Upper
82 100
128 36.5 29.0 43.4
54 47.1 41.4 62.0





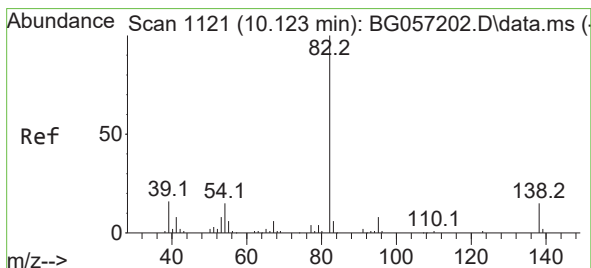
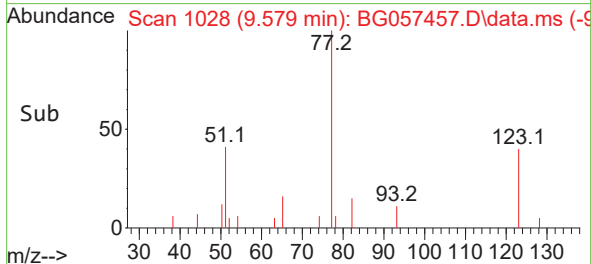
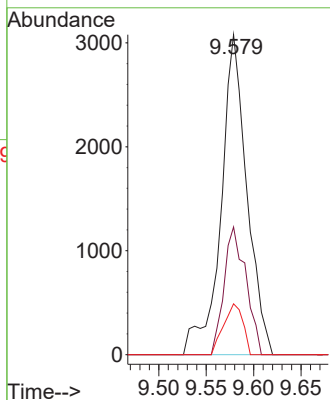
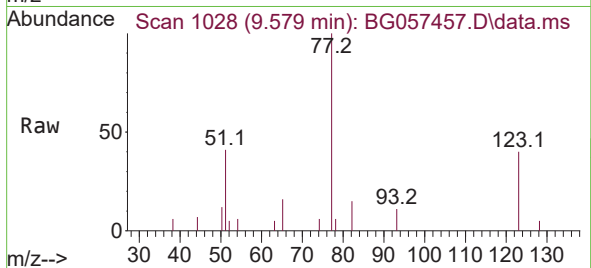
#24
Nitrobenzene
Concen: 3.489 ng
RT: 9.579 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 77 Resp: 586
Ion Ratio Lower Upper
77 100
123 39.9 28.2 42.2
65 15.9 11.7 17.5

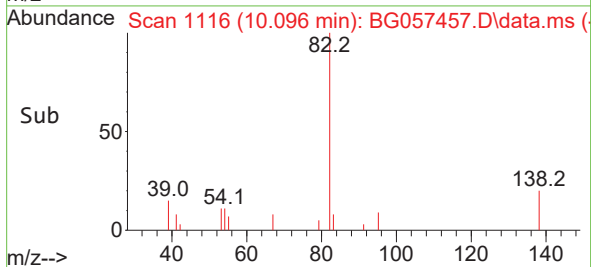
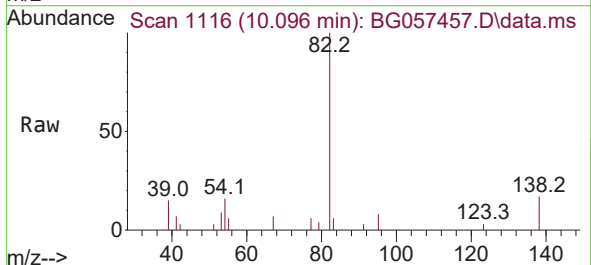
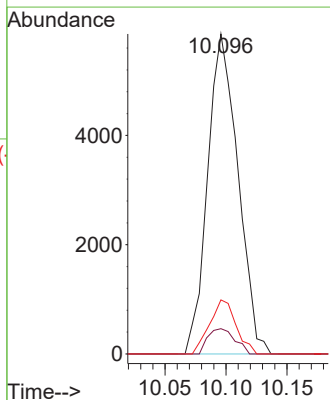
Manual Integrations
APPROVED

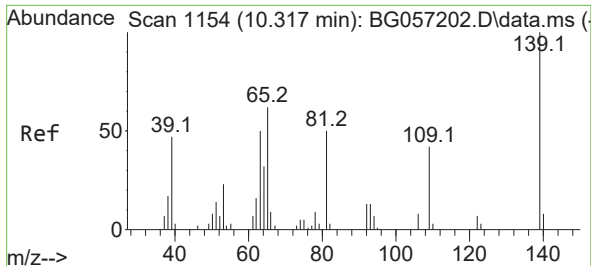
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#25
Isophorone
Concen: 3.138 ng
RT: 10.096 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

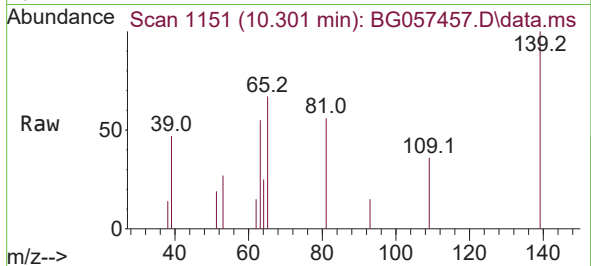
Tgt Ion: 82 Resp: 10130
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 12.3 18.5





#26
2-Nitrophenol
Concen: 3.271 ng
RT: 10.301 min Scan# 1154
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

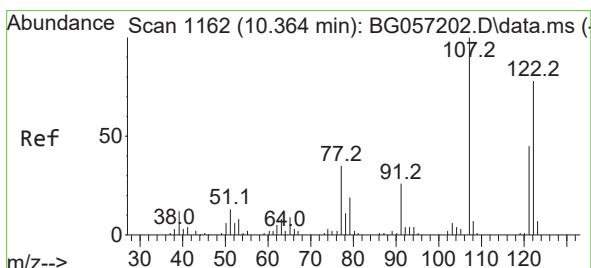
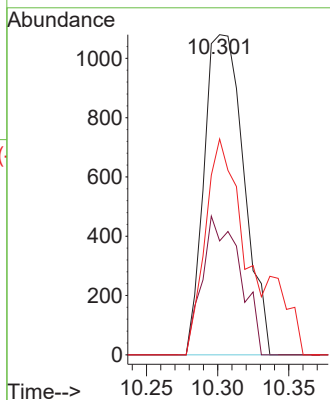
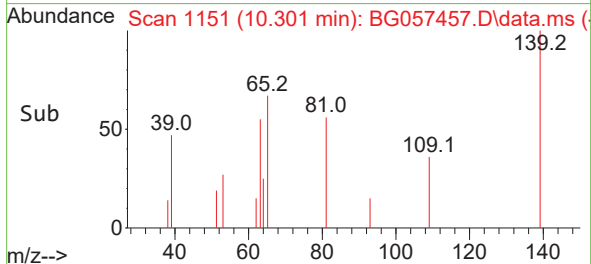
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:139 Resp: 2104
Ion Ratio Lower Upper
139 100
109 35.6 33.4 50.2
65 67.4 49.8 74.6

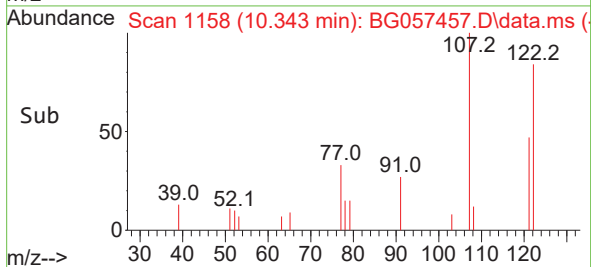
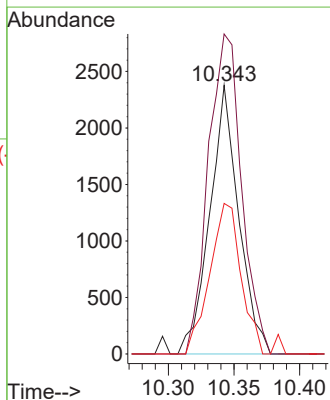
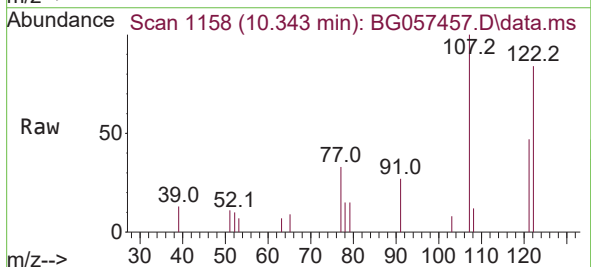
Manual Integrations
APPROVED

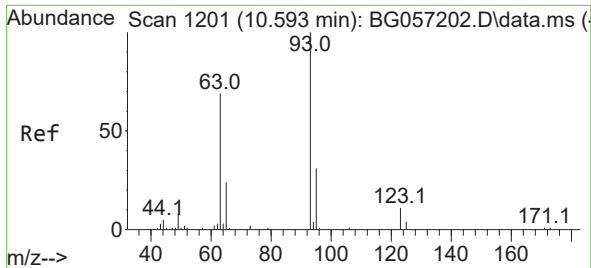
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#27
2,4-Dimethylphenol
Concen: 3.239 ng
RT: 10.343 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Tgt Ion:122 Resp: 3648
Ion Ratio Lower Upper
122 100
107 119.1 103.0 154.4
121 56.1 45.9 68.9





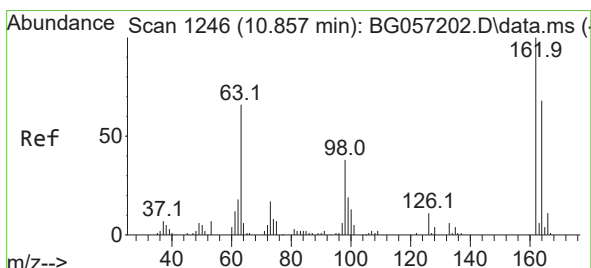
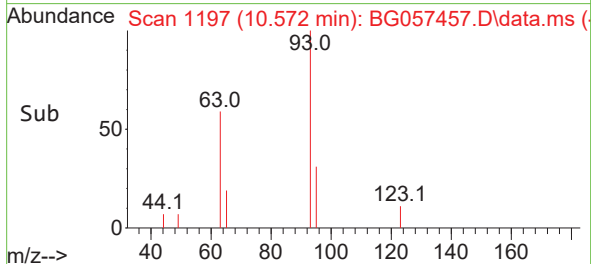
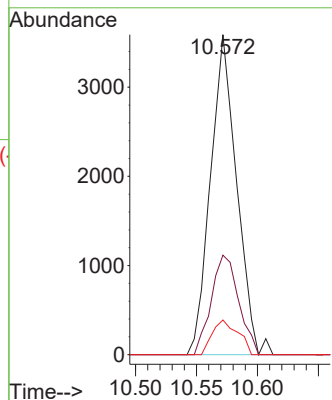
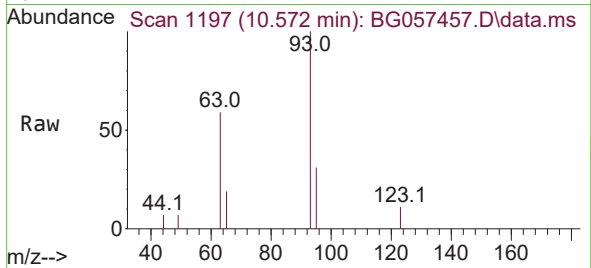
#28
bis(2-Chloroethoxy)methane
Concen: 3.315 ng
RT: 10.572 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.0	37.6
123	10.8	8.5	12.7

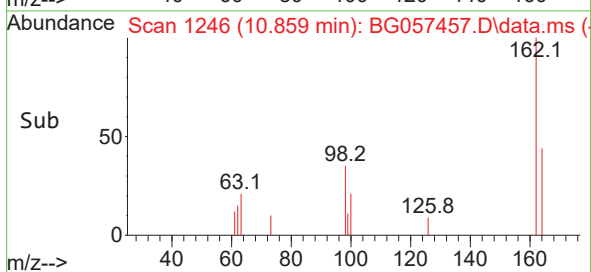
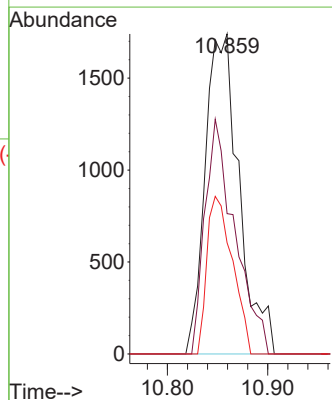
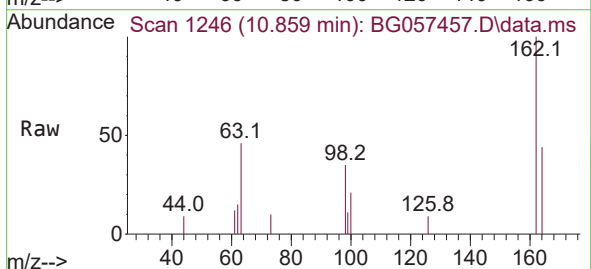
Manual Integrations
APPROVED

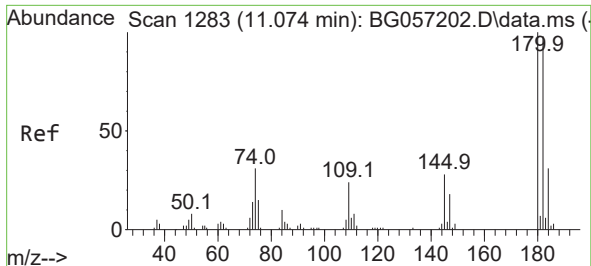
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#29
2,4-Dichlorophenol
Concen: 3.415 ng
RT: 10.859 min Scan# 1246
Delta R.T. 0.017 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

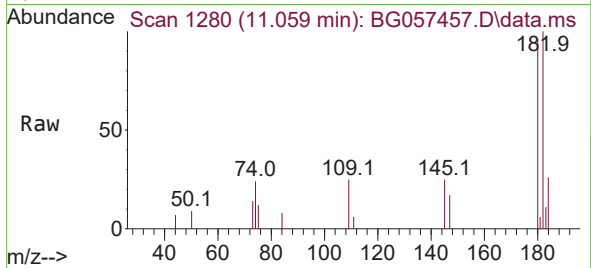
Tgt Ion	Ratio	Lower	Upper
162	100		
164	43.9	48.4	88.4#
98	34.8	17.6	57.6





#30
1,2,4-Trichlorobenzene
Concen: 3.669 ng
RT: 11.059 min Scan# 11059
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

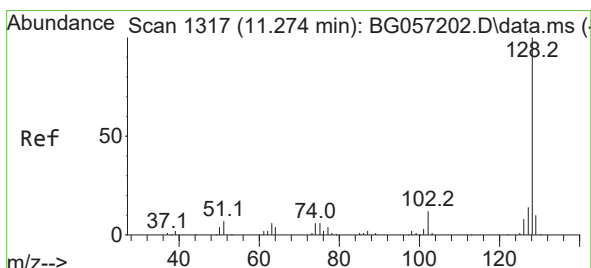
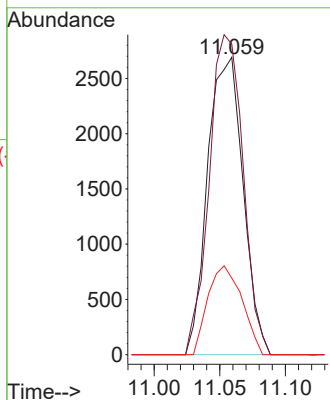
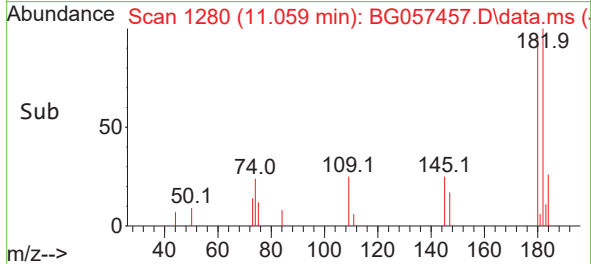
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



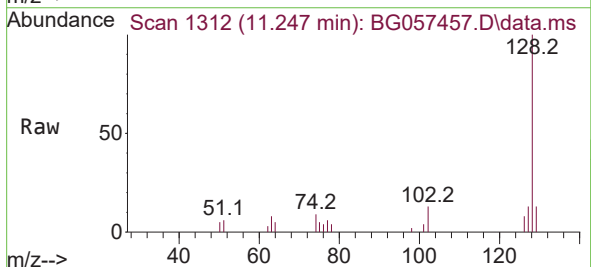
Tgt Ion:180 Resp: 505
Ion Ratio Lower Upper
180 100
182 104.4 78.0 117.0
145 25.7 22.4 33.6

Manual Integrations
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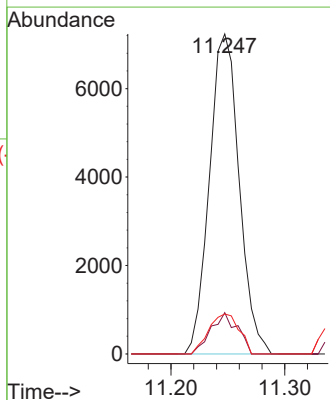
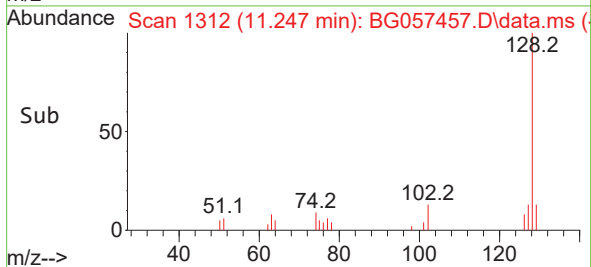
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

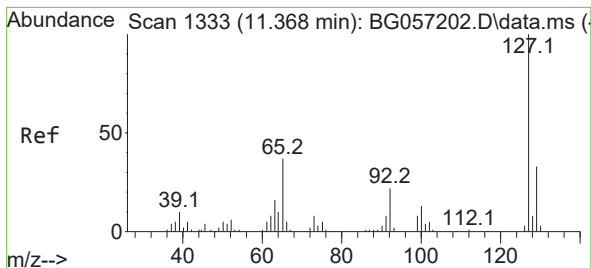


#31
Naphthalene
Concen: 3.520 ng
RT: 11.247 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



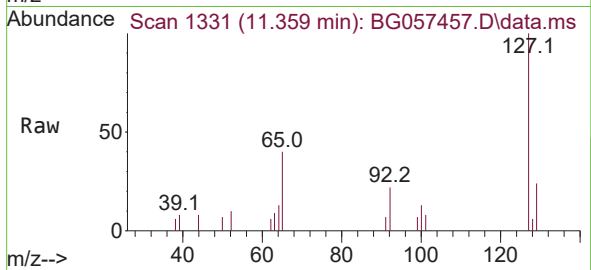
Tgt Ion:128 Resp: 13148
Ion Ratio Lower Upper
128 100
129 12.9 8.3 12.5#
127 12.5 11.1 16.7





#33
4-Chloroaniline
Concen: 3.276 ng
RT: 11.359 min Scan# 1331
Delta R.T. 0.005 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

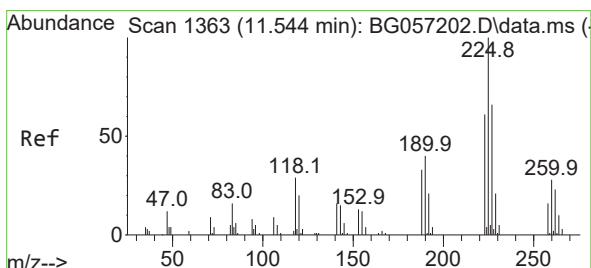
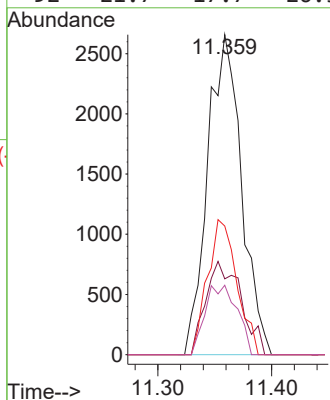
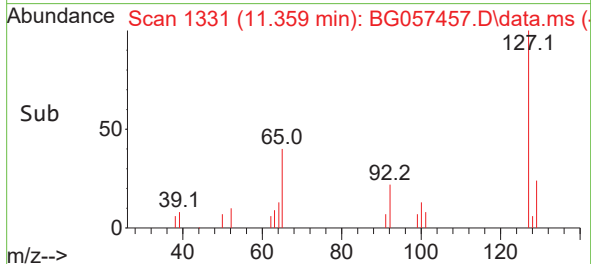
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



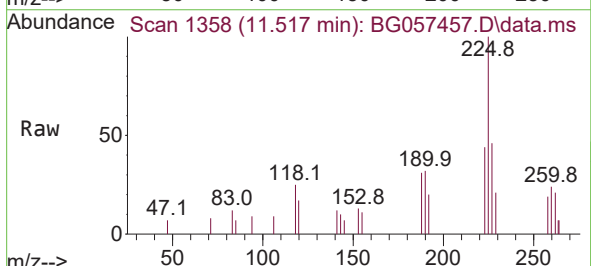
Tgt Ion	Ratio	Lower	Upper
127	100		
129	23.7	26.7	40.1#
65	40.2	29.7	44.5#
92	21.7	17.7	26.5#

Manual Integrations
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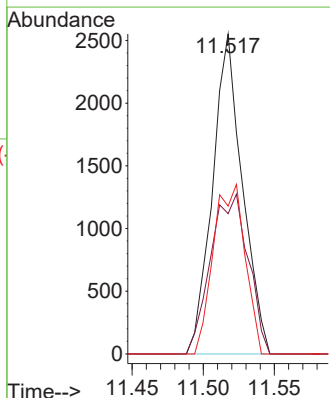
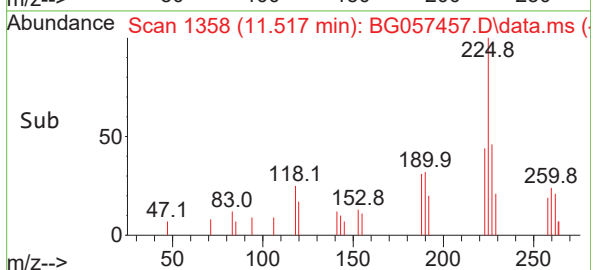
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

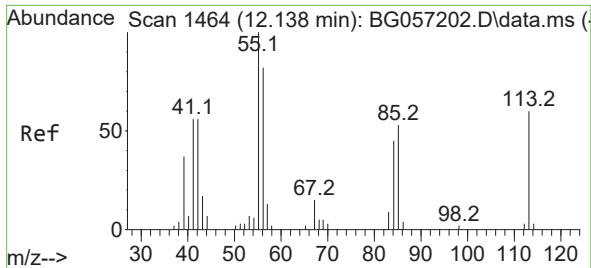


#34
Hexachlorobutadiene
Concen: 3.644 ng
RT: 11.517 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



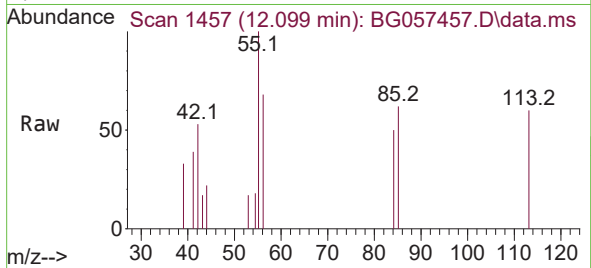
Tgt Ion	Ratio	Lower	Upper
225	100		
223	43.8	48.6	72.8#
227	46.2	52.7	79.1#





#35
Caprolactam
Concen: 2.889 ng
RT: 12.099 min Scan# 1464
Delta R.T. -0.030 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

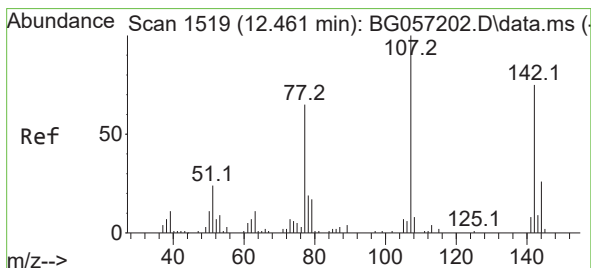
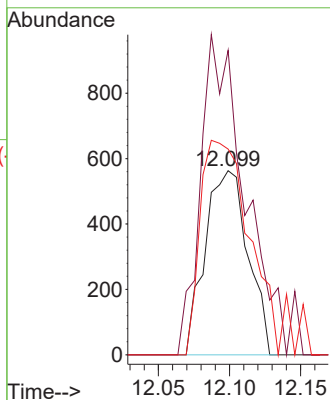
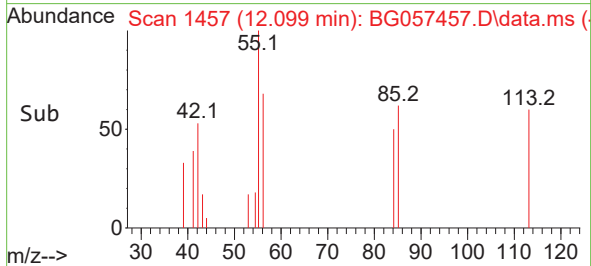
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:113 Resp: 1179
Ion Ratio Lower Upper
113 100
55 165.4 145.5 185.5
56 111.7 115.9 155.9

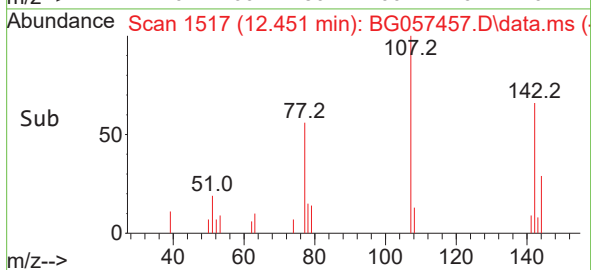
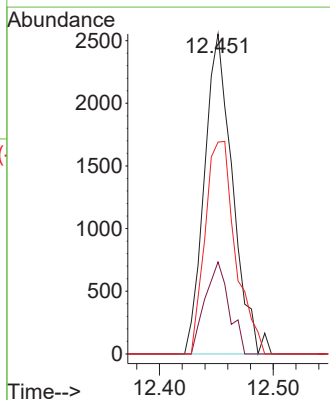
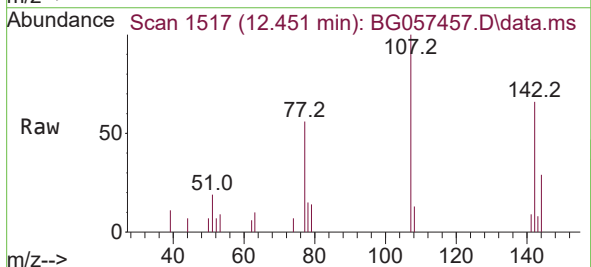
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APPROVED

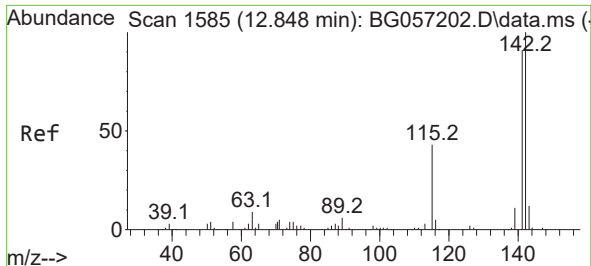
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#36
4-Chloro-3-methylphenol
Concen: 3.234 ng
RT: 12.451 min Scan# 1517
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Tgt Ion:107 Resp: 4390
Ion Ratio Lower Upper
107 100
144 28.8 21.0 31.6
142 66.2 60.0 90.0





#37

2-Methylnaphthalene

Concen: 3.542 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

Instrument :

BNA_G

ClientSampleId :

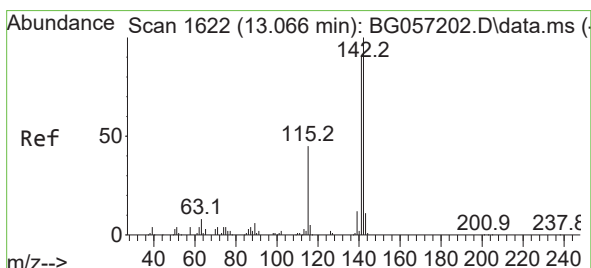
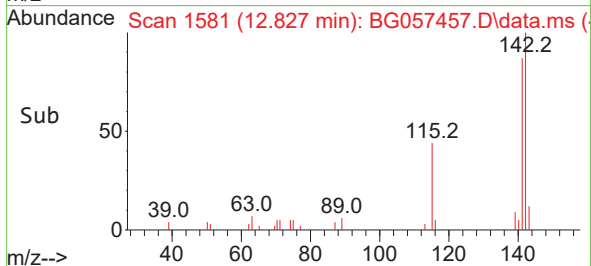
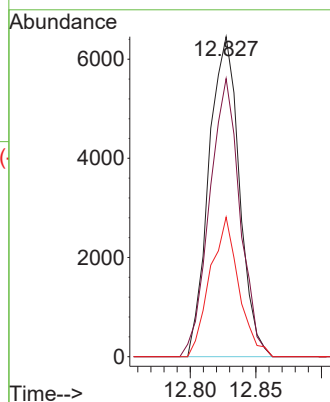
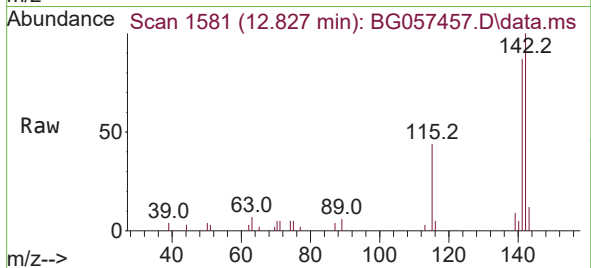
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	142	Resp:	1040
Ion Ratio	Lower	Upper	
142	100		
141	86.9	73.1	109.7
115	43.6	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#38

1-Methylnaphthalene

Concen: 3.433 ng m

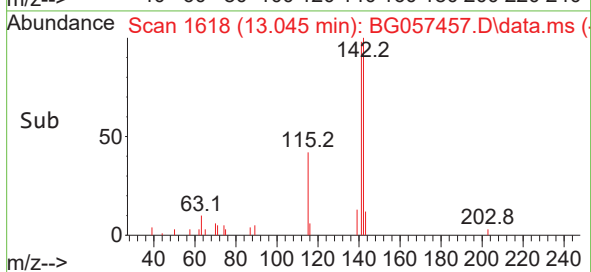
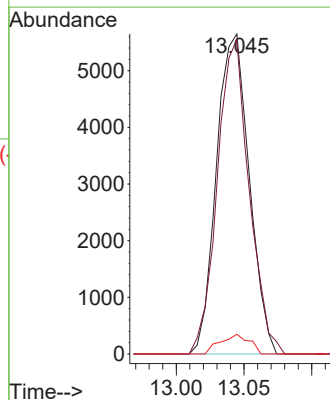
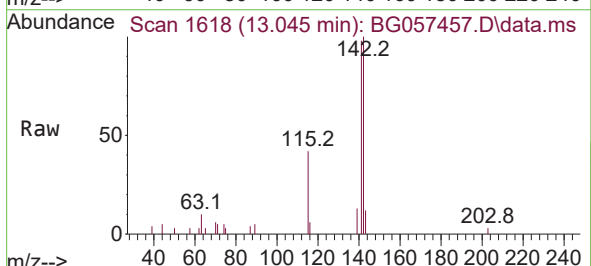
RT: 13.045 min Scan# 1618

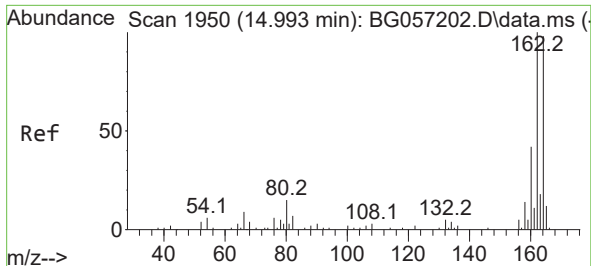
Delta R.T. -0.006 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

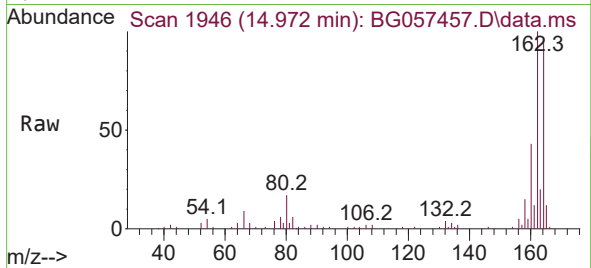
Tgt Ion:	142	Resp:	9505
Ion Ratio	Lower	Upper	
142	100		
141	98.2	72.5	108.7
116	6.2	3.7	5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.972 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

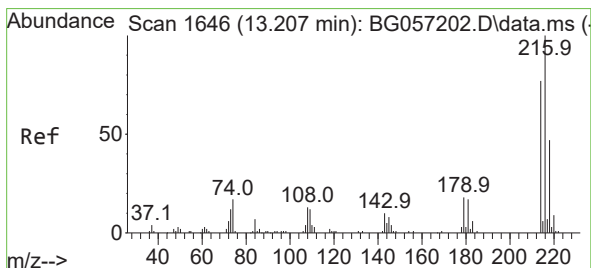
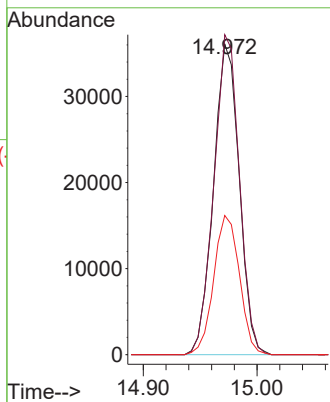
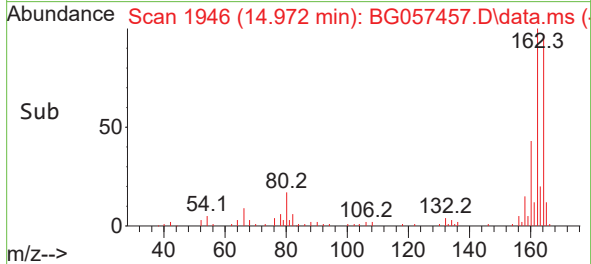
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:164 Resp: 56792
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 44.8 34.6 52.0

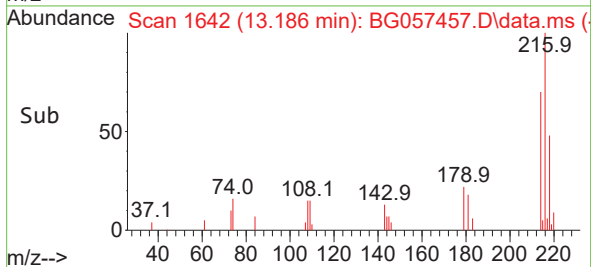
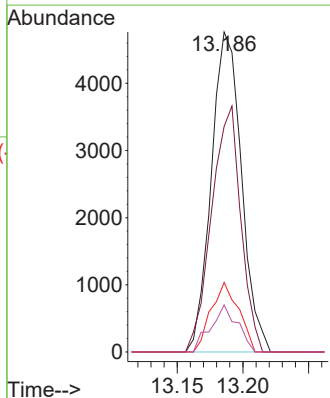
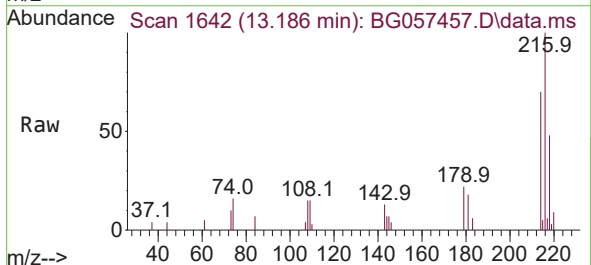
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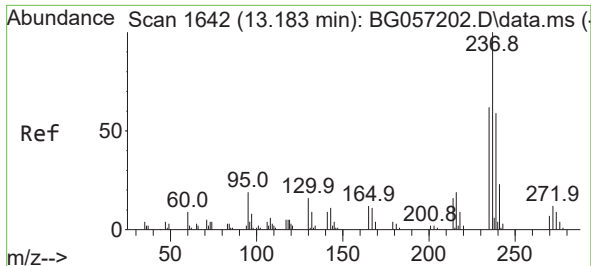
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.772 ng
RT: 13.186 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

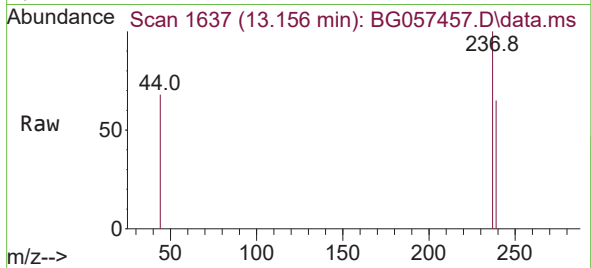
Tgt Ion:216 Resp: 7604
Ion Ratio Lower Upper
216 100
214 74.3 63.7 95.5
179 19.9 14.6 22.0
108 13.0 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 6.570 ng
RT: 13.156 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

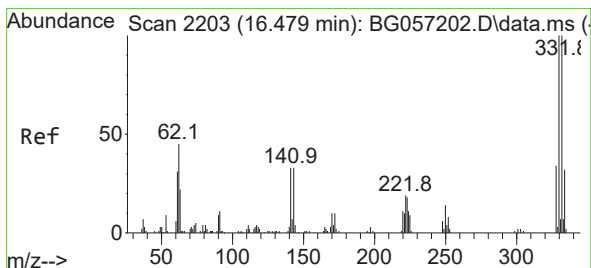
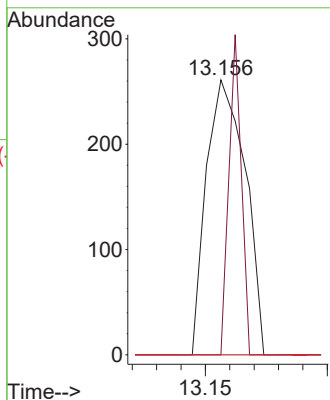
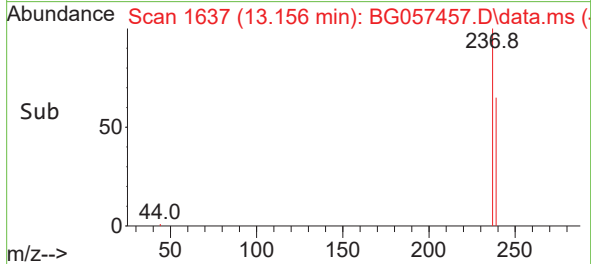
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



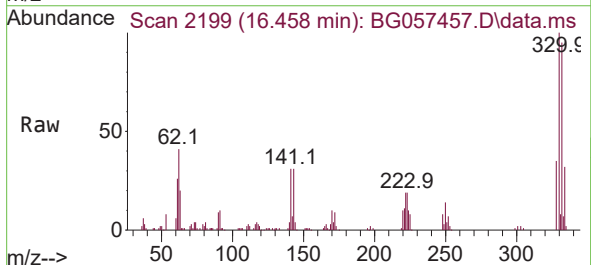
Tgt Ion:237 Resp: 289
Ion Ratio Lower Upper
237 100
235 0.0 42.0 82.0
272 0.0 0.0 31.5

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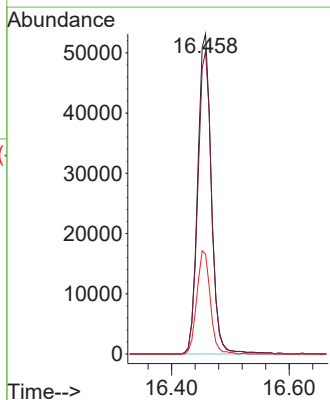
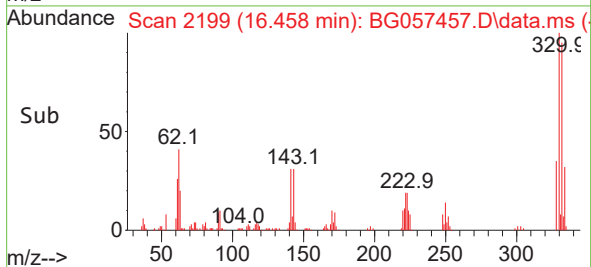
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

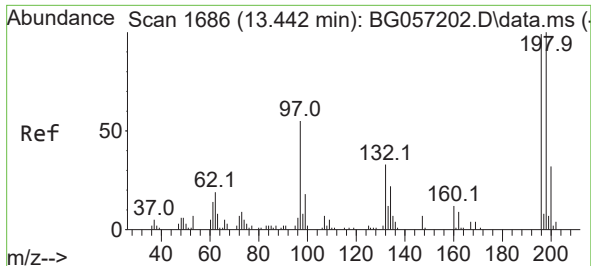


#42
2,4,6-Tribromophenol
Concen: 105.568 ng
RT: 16.458 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



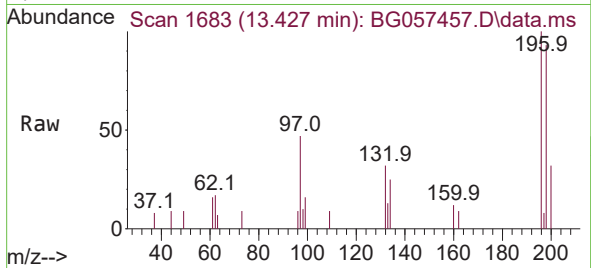
Tgt Ion:330 Resp: 85069
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.2
141 31.8 27.8 41.8





#43
 2,4,6-Trichlorophenol
 Concen: 3.137 ng
 RT: 13.427 min Scan# 1683
 Delta R.T. -0.001 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

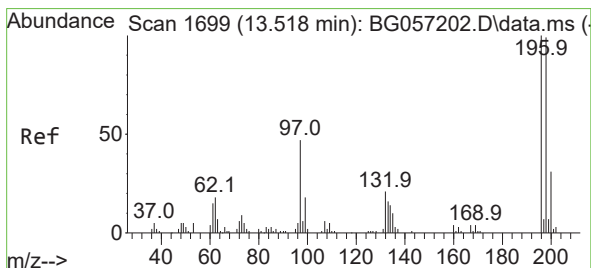
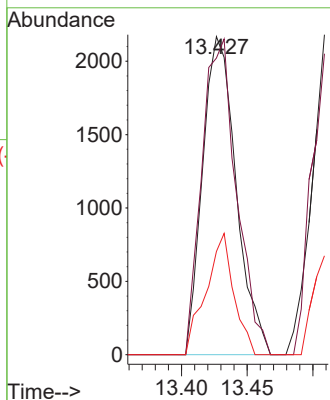
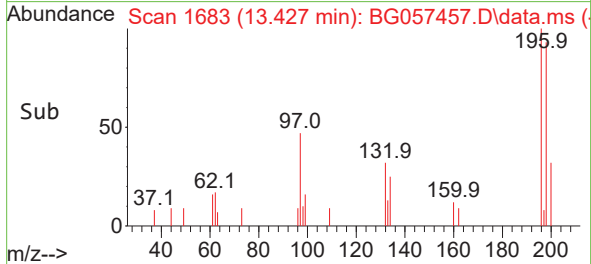
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



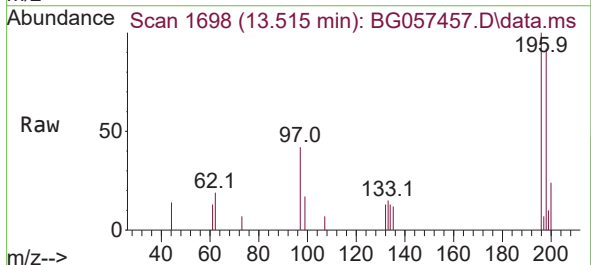
Tgt Ion:196 Resp: 385
 Ion Ratio Lower Upper
 196 100
 198 93.3 81.2 121.8
 200 32.5 26.3 39.5

Manual Integrations
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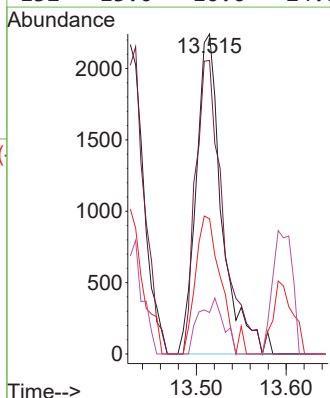
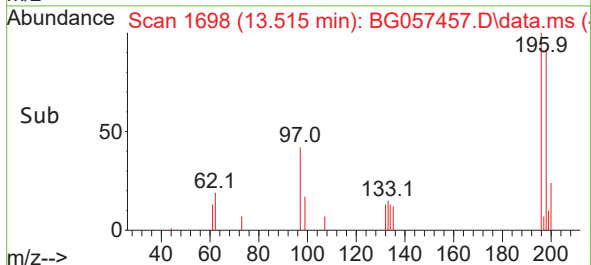
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

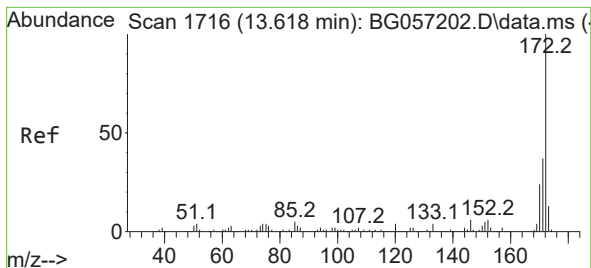


#44
 2,4,5-Trichlorophenol
 Concen: 3.099 ng
 RT: 13.515 min Scan# 1698
 Delta R.T. 0.011 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52



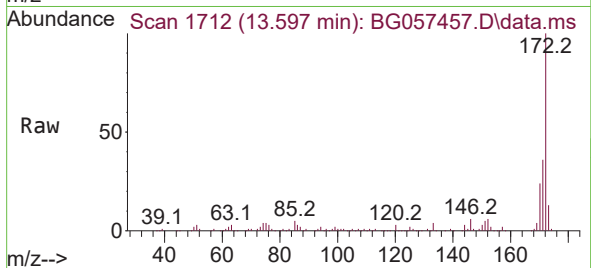
Tgt Ion:196 Resp: 4477
 Ion Ratio Lower Upper
 196 100
 198 91.7 79.4 119.2
 97 42.2 37.0 55.4
 132 13.0 16.6 24.8#





#45
2-Fluorobiphenyl
Concen: 71.353 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

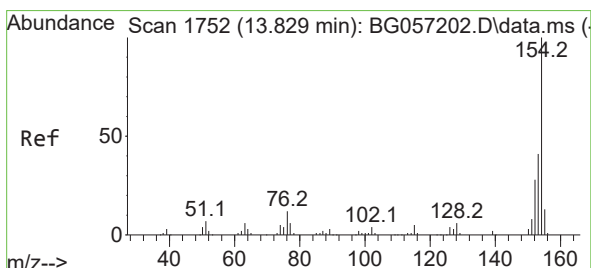
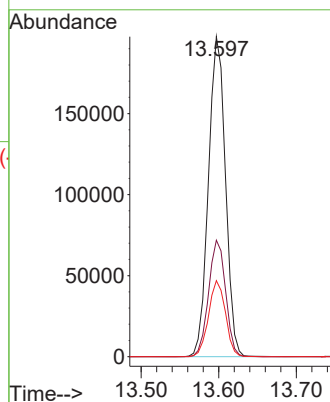
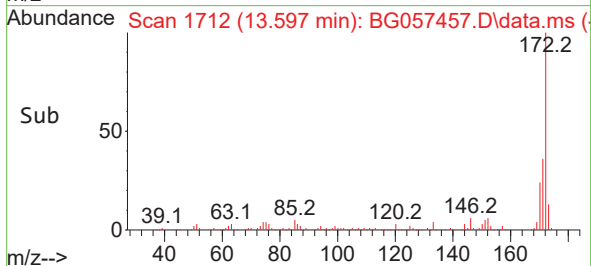
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



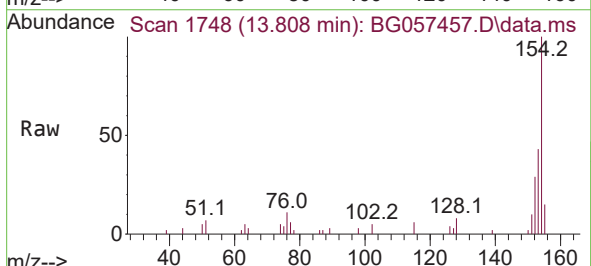
Tgt Ion:172 Resp: 30088
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.8 19.0 28.6

Manual Integrations
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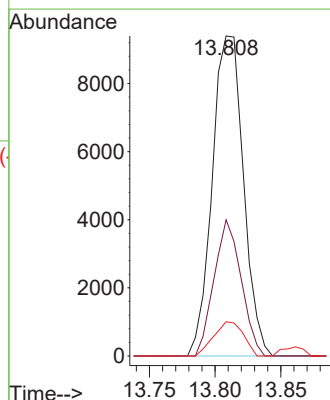
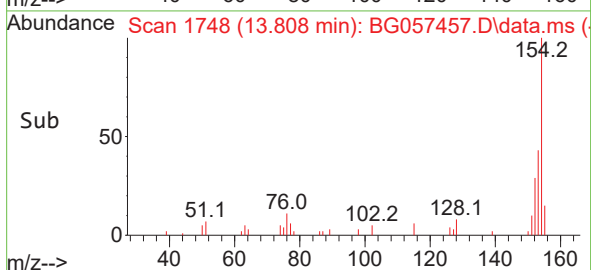
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

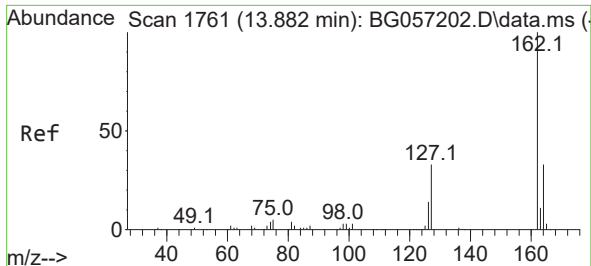


#46
1,1'-Biphenyl
Concen: 3.685 ng
RT: 13.808 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



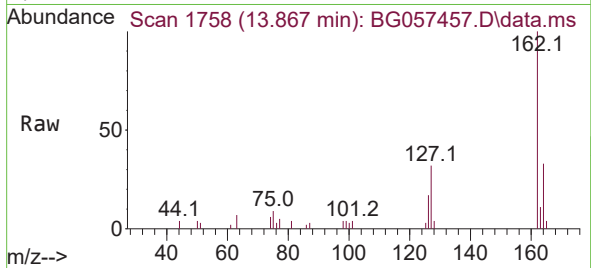
Tgt Ion:154 Resp: 15529
Ion Ratio Lower Upper
154 100
153 42.6 20.9 60.9
76 10.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 3.655 ng
RT: 13.867 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

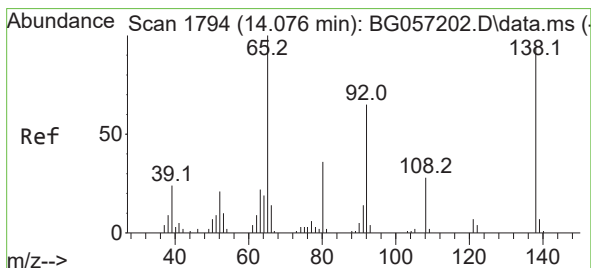
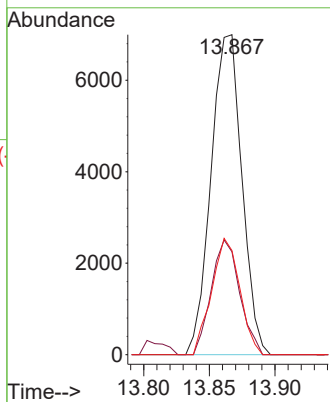
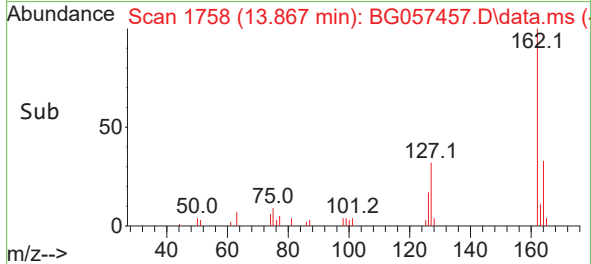
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:162 Resp: 11454
Ion Ratio Lower Upper
162 100
127 32.2 29.8 44.6
164 32.5 26.6 40.0

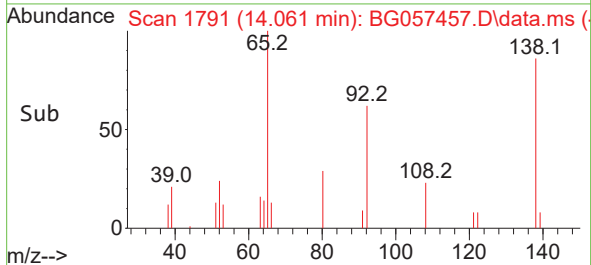
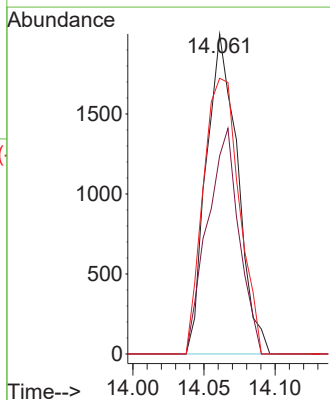
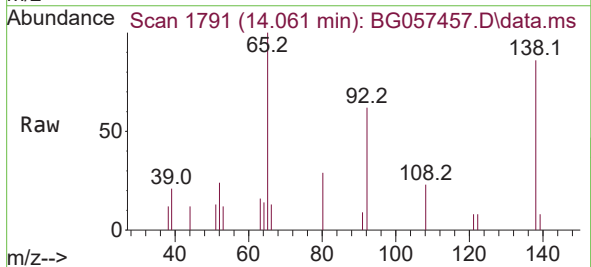
Manual Integrations
APPROVED

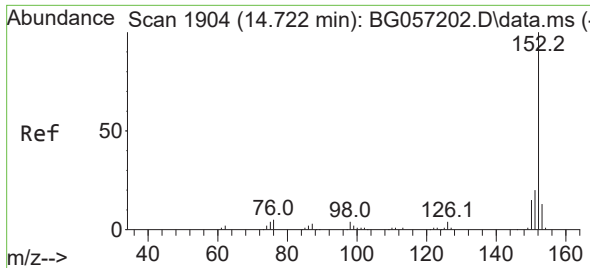
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#48
2-Nitroaniline
Concen: 2.876 ng
RT: 14.061 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

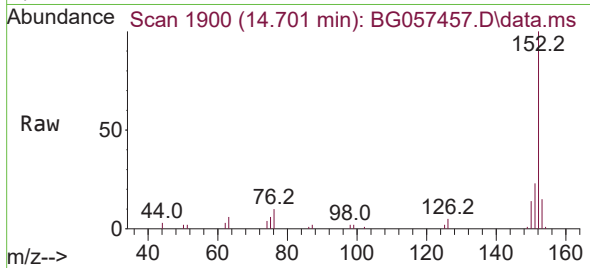
Tgt Ion: 65 Resp: 3065
Ion Ratio Lower Upper
65 100
92 61.9 52.1 78.1
138 86.1 75.3 112.9





#49
Acenaphthylene
Concen: 3.478 ng
RT: 14.701 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

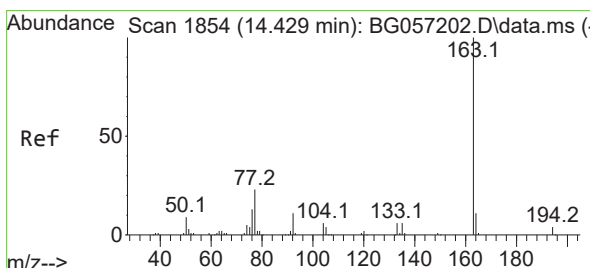
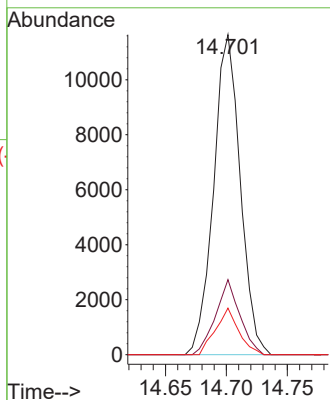
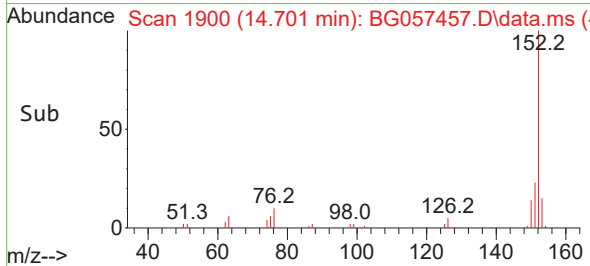
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



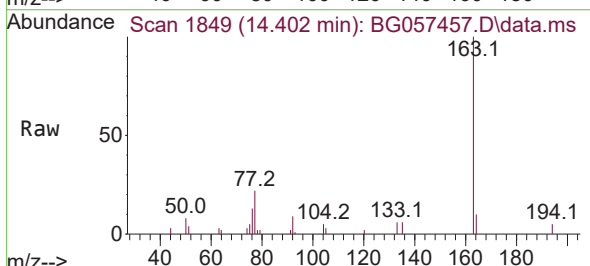
Tgt Ion:152 Resp: 1770
Ion Ratio Lower Upper
152 100
151 23.5 16.0 24.0
153 14.6 10.7 16.1

Manual Integrations
APPROVED

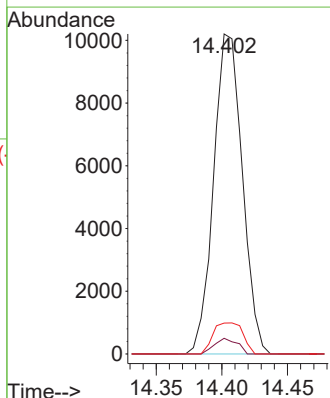
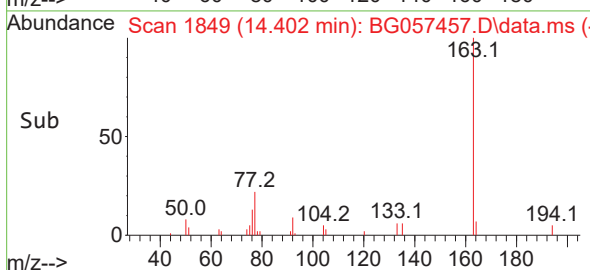
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

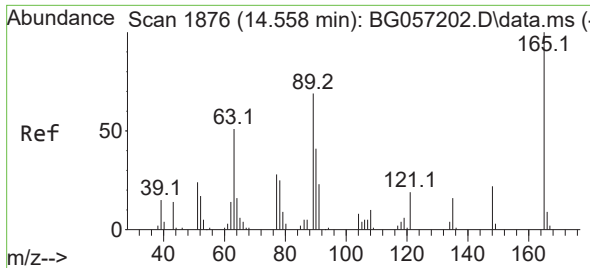


#50
Dimethylphthalate
Concen: 3.323 ng
RT: 14.402 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



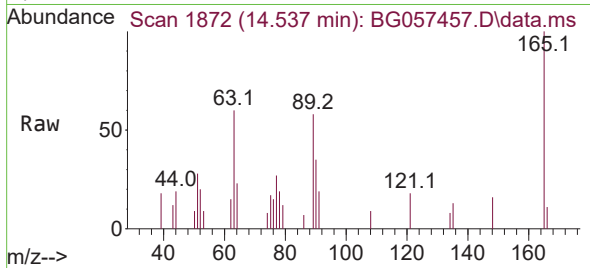
Tgt Ion:163 Resp: 15509
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.7 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 3.283 ng
RT: 14.537 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

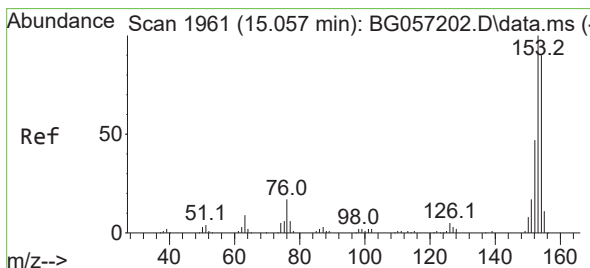
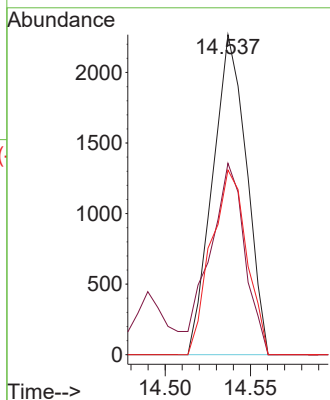
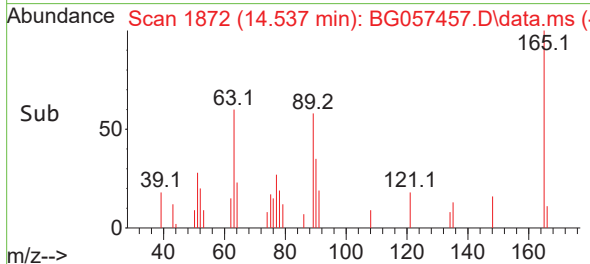
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



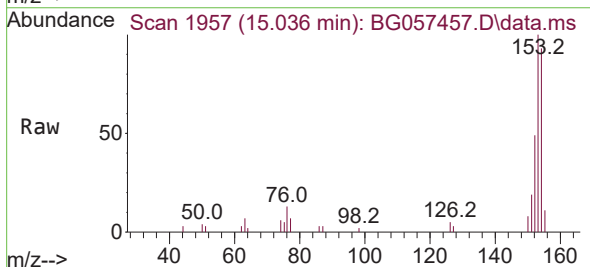
Tgt Ion:165 Resp: 3128
Ion Ratio Lower Upper
165 100
63 59.8 50.9 76.3
89 57.7 55.2 82.8

Manual Integrations
APPROVED

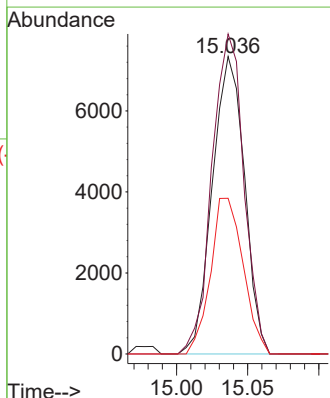
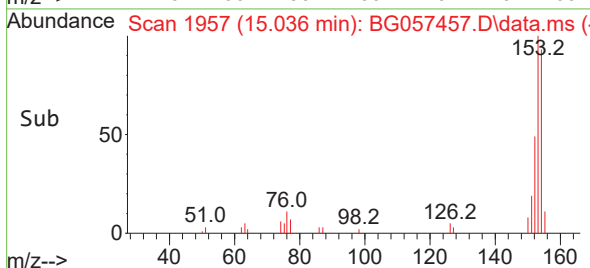
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

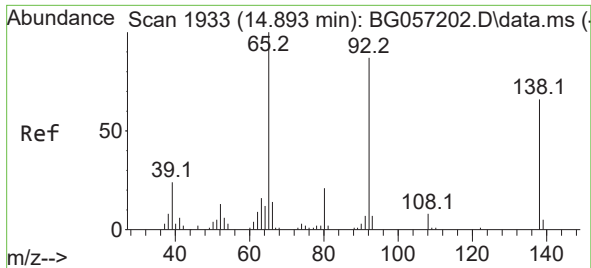


#52
Acenaphthene
Concen: 3.626 ng
RT: 15.036 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



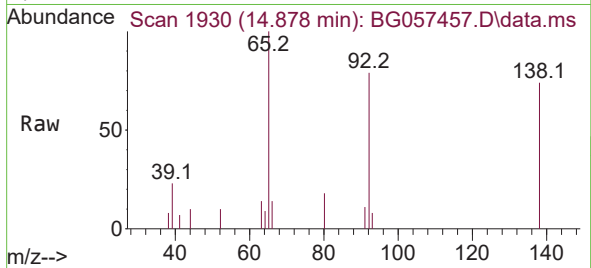
Tgt Ion:154 Resp: 11537
Ion Ratio Lower Upper
154 100
153 107.6 89.3 133.9
152 52.3 41.7 62.5





#53
3-Nitroaniline
Concen: 2.886 ng
RT: 14.878 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

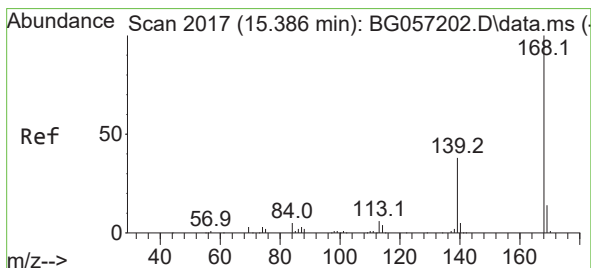
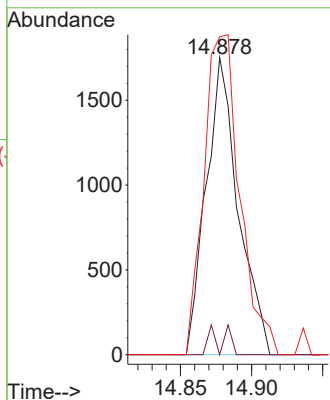
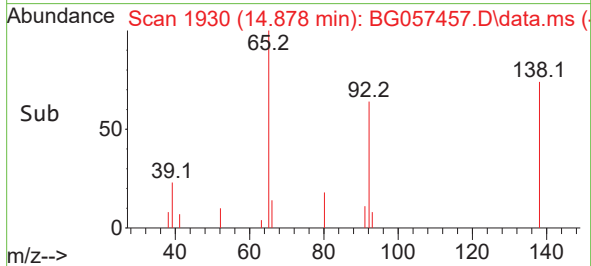
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



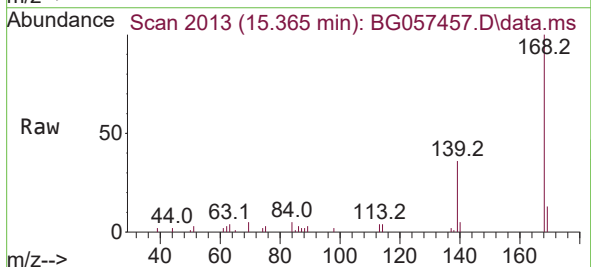
Tgt Ion:138 Resp: 275
Ion Ratio Lower Upper
138 100
108 0.0 9.5 14.3
92 106.9 106.2 159.4

Manual Integrations
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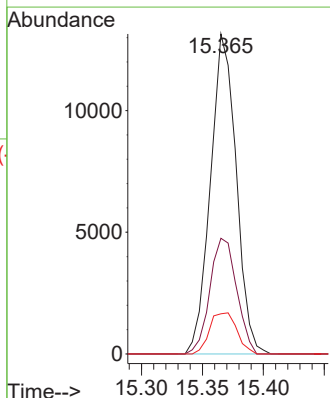
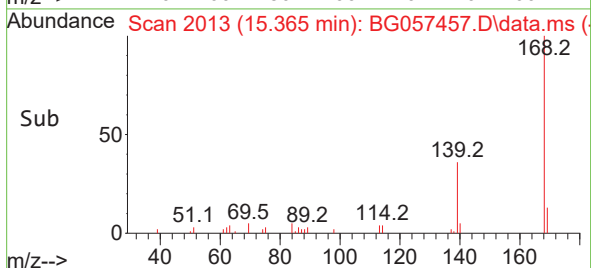
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

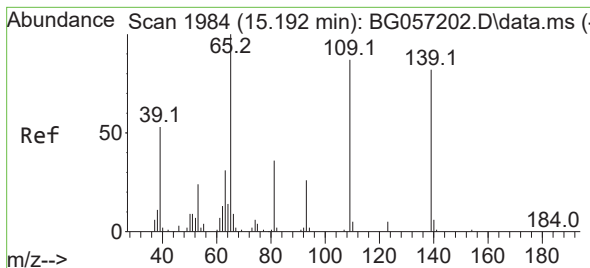


#55
Dibenzofuran
Concen: 3.611 ng
RT: 15.365 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



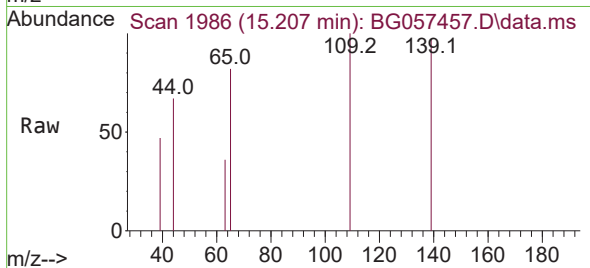
Tgt Ion:168 Resp: 19301
Ion Ratio Lower Upper
168 100
139 36.1 30.7 46.1
169 12.5 10.9 16.3





#56
4-Nitrophenol
Concen: 1.660 ng
RT: 15.207 min Scan# 1984
Delta R.T. 0.023 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

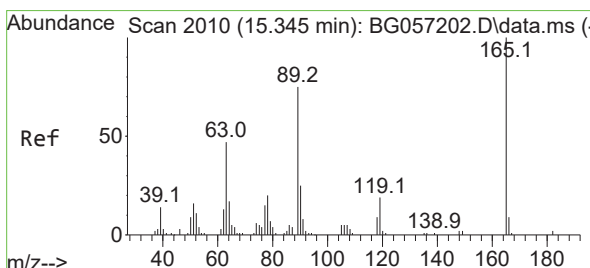
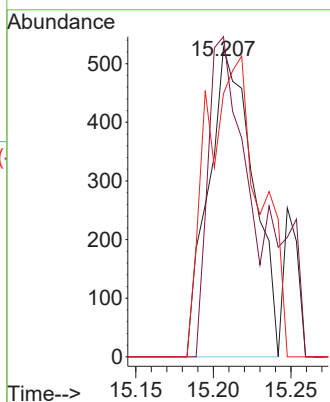
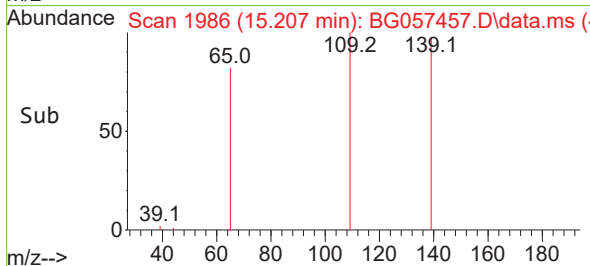
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:139 Resp: 1054
Ion Ratio Lower Upper
139 100
109 103.4 86.6 126.6
65 85.0 102.6 142.6

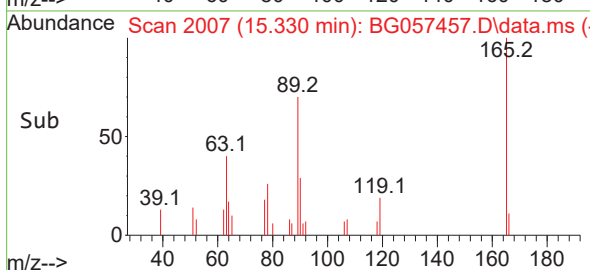
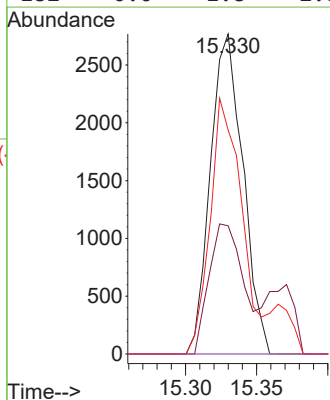
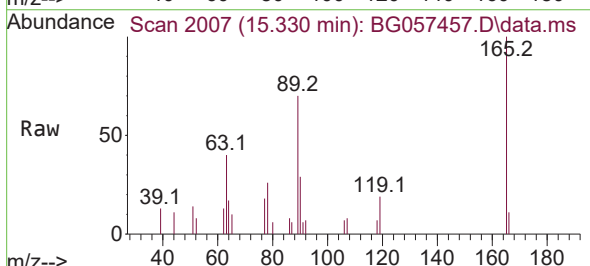
Manual Integrations
APPROVED

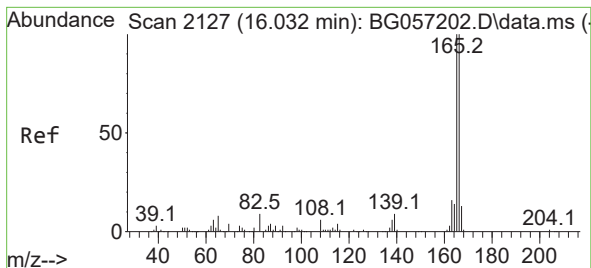
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#57
2,4-Dinitrotoluene
Concen: 3.238 ng
RT: 15.330 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Tgt Ion:165 Resp: 4409
Ion Ratio Lower Upper
165 100
63 40.1 37.5 56.3
89 70.0 60.2 90.4
182 0.0 1.8 2.8





#58

Fluorene

Concen: 3.474 ng

RT: 16.011 min Scan# 2127

Delta R.T. -0.012 min

Lab File: BG057457.D

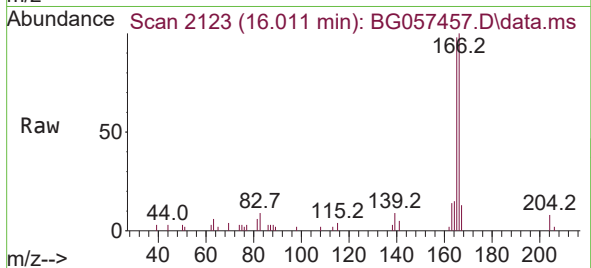
Acq: 18 May 2023 11:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

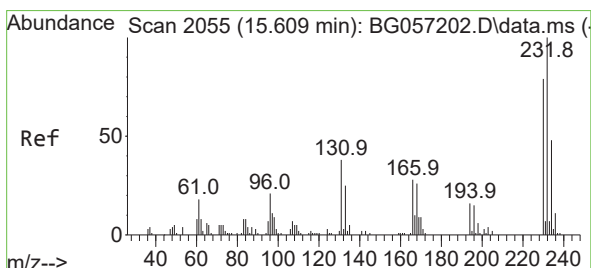
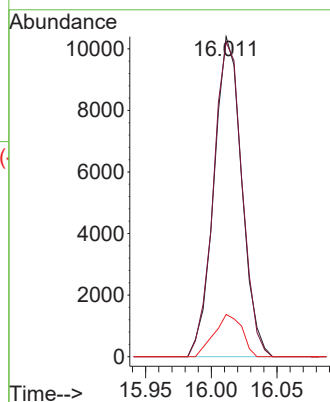
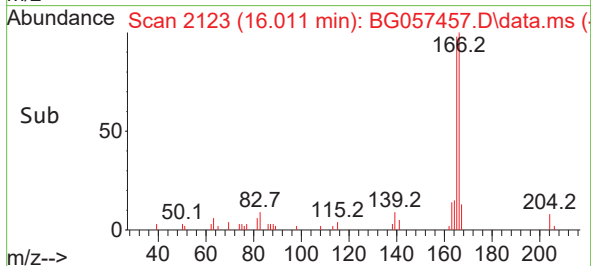


Tgt Ion:	166	Resp:	15290
Ion Ratio	100	Lower	Upper
166	100		
165	98.3	80.1	120.1
167	13.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.364 ng

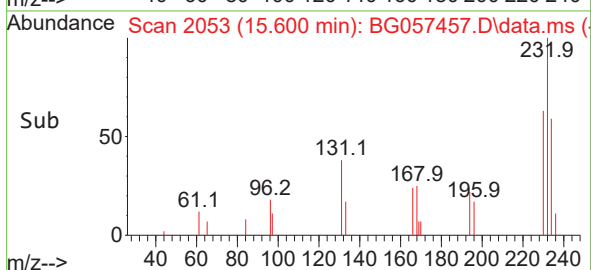
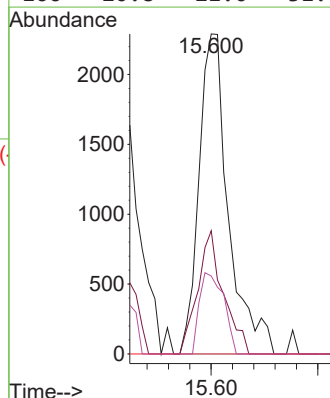
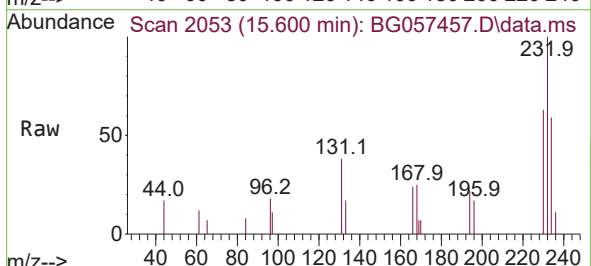
RT: 15.600 min Scan# 2053

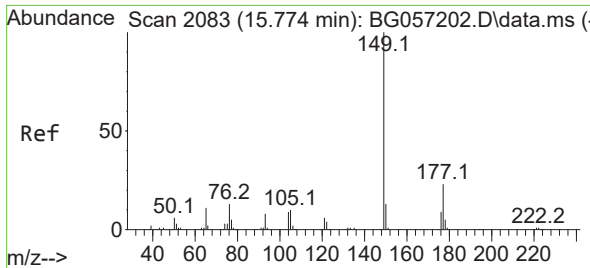
Delta R.T. -0.001 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

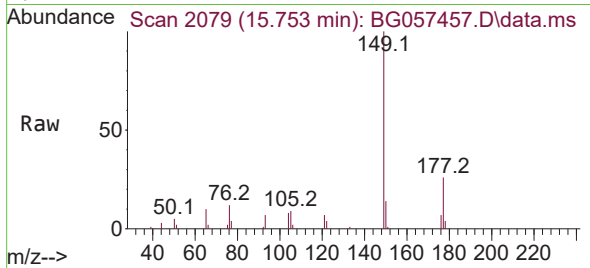
Tgt Ion:	232	Resp:	4407
Ion Ratio	100	Lower	Upper
232	100		
131	33.5	28.6	42.8
130	0.0	1.6	2.4#
166	20.8	21.0	31.6#





#60
Diethylphthalate
Concen: 3.286 ng
RT: 15.753 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

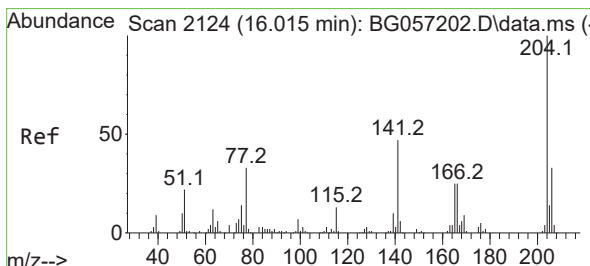
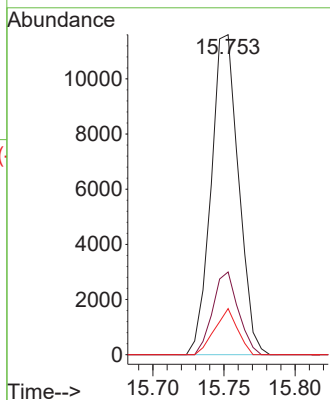
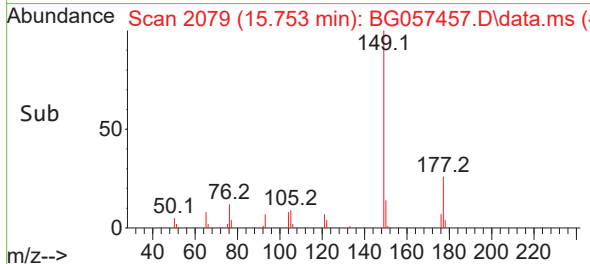
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



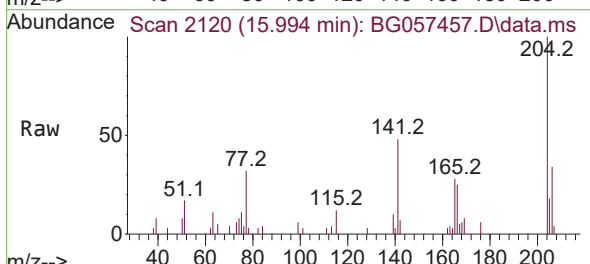
Tgt Ion:149 Resp: 15574
Ion Ratio Lower Upper
149 100
177 25.9 18.3 27.5
150 14.4 10.1 15.1

Manual Integrations
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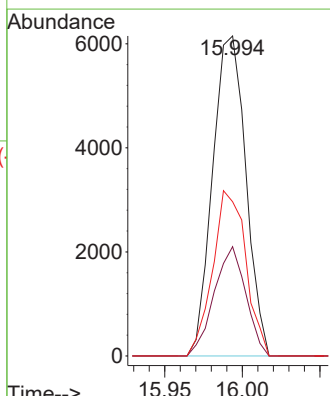
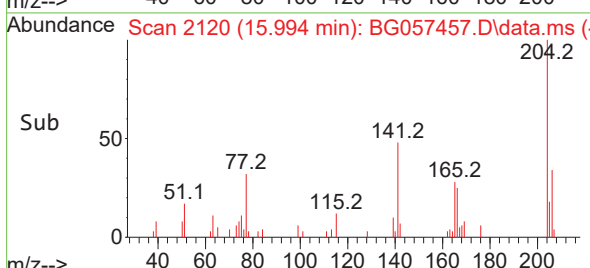
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

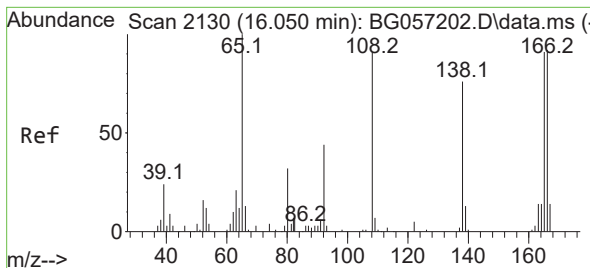


#61
4-Chlorophenyl-phenylether
Concen: 3.445 ng
RT: 15.994 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



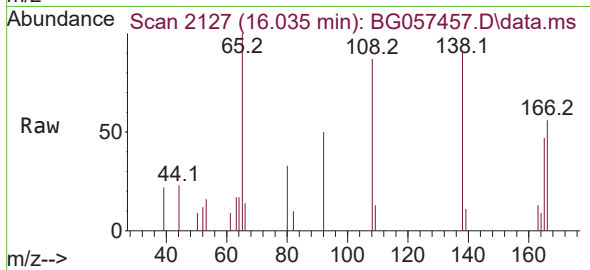
Tgt Ion:204 Resp: 9138
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 48.2 37.4 56.0





#62
4-Nitroaniline
Concen: 2.865 ng
RT: 16.035 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

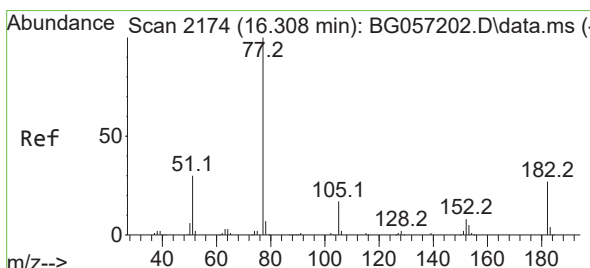
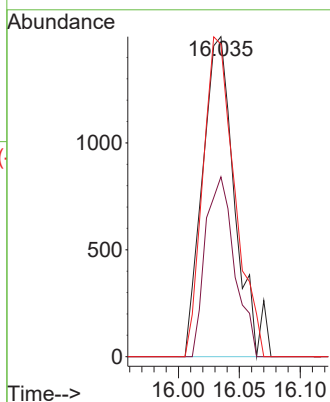
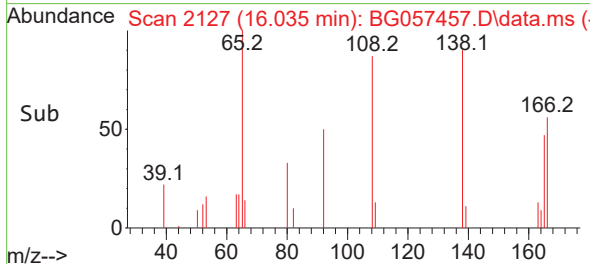
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



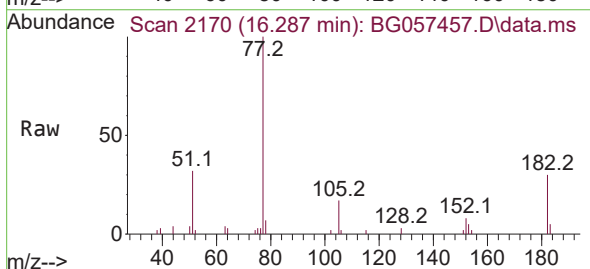
Tgt Ion:138 Resp: 275
Ion Ratio Lower Upper
138 100
92 56.2 38.2 78.2
108 97.7 99.6 139.6

Manual Integrations
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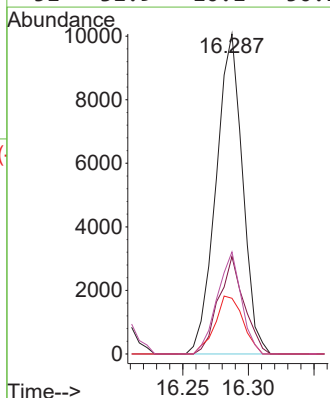
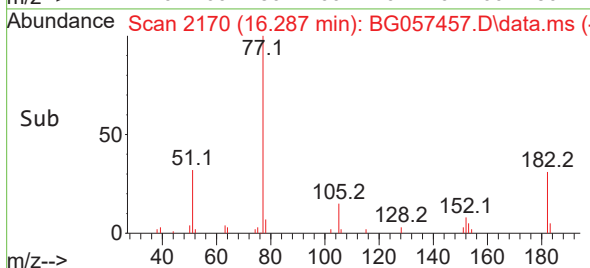
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

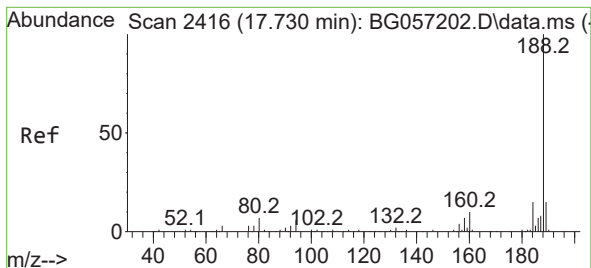


#63
Azobenzene
Concen: 3.091 ng
RT: 16.287 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



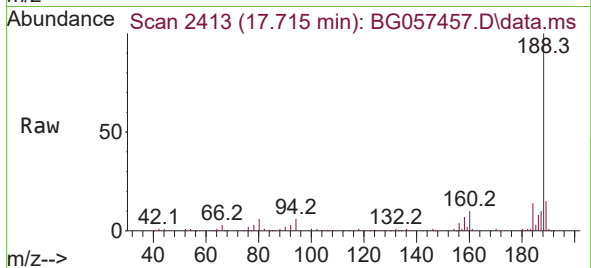
Tgt Ion: 77 Resp: 14135
Ion Ratio Lower Upper
77 100
182 30.4 7.4 47.4
105 17.4 0.0 37.2
51 31.9 10.1 50.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

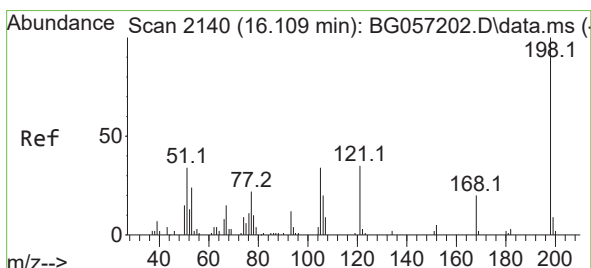
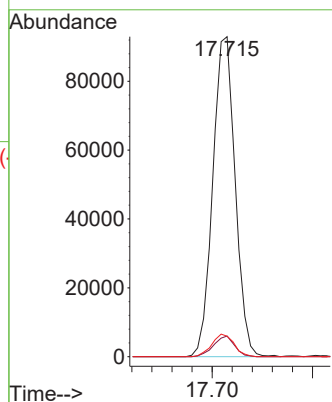
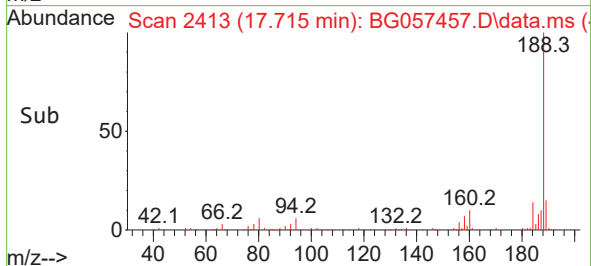
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



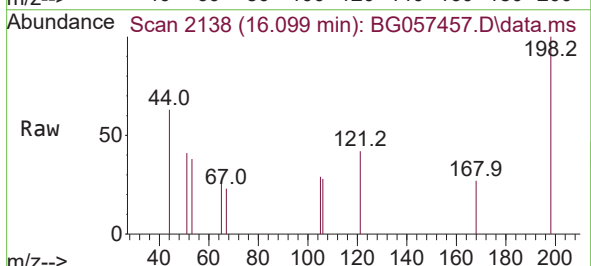
Tgt Ion:188 Resp: 14368
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.4 5.7 8.5

Manual Integrations
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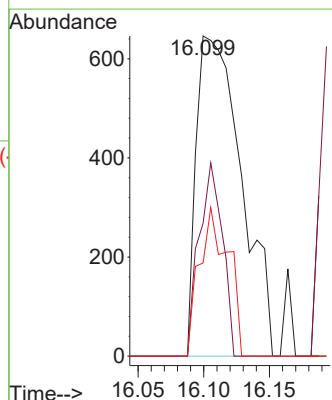
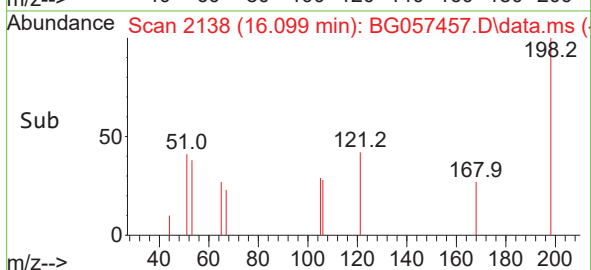
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

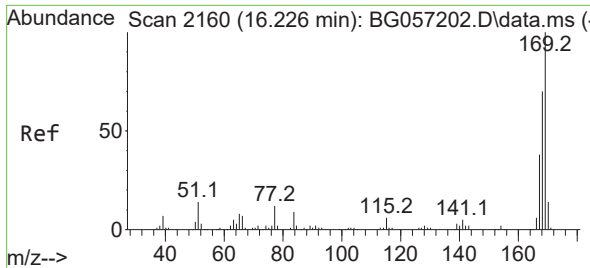


#65
4,6-Dinitro-2-methylphenol
Concen: 1.801 ng
RT: 16.099 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



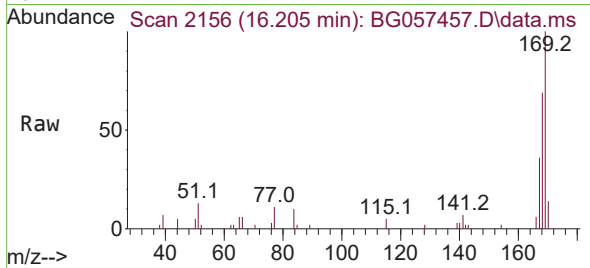
Tgt Ion:198 Resp: 1545
Ion Ratio Lower Upper
198 100
51 41.5 16.1 56.1
105 29.1 14.0 54.0





#66
n-Nitrosodiphenylamine
Concen: 3.457 ng
RT: 16.205 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

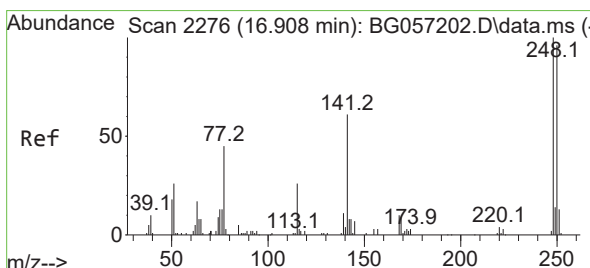
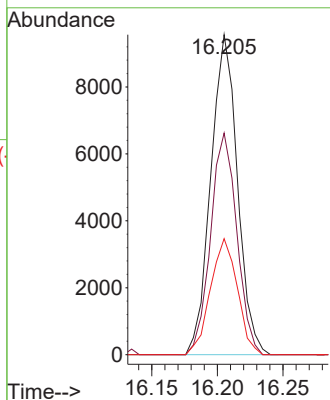
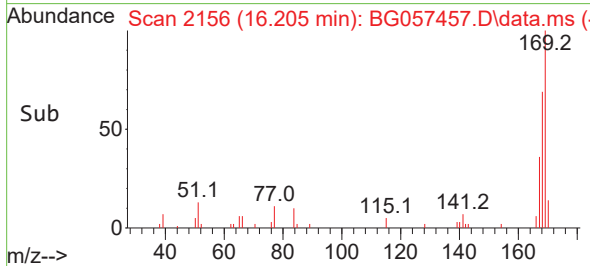
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



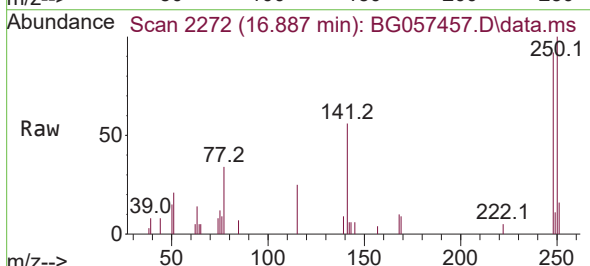
Tgt Ion:169 Resp: 1349
Ion Ratio Lower Upper
169 100
168 69.2 56.2 84.4
167 36.2 30.2 45.4

Manual Integrations
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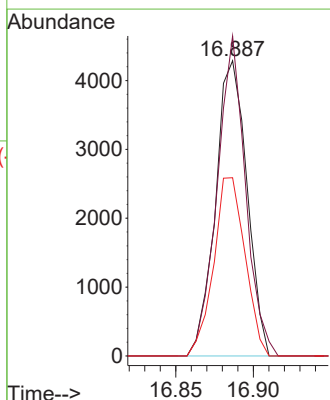
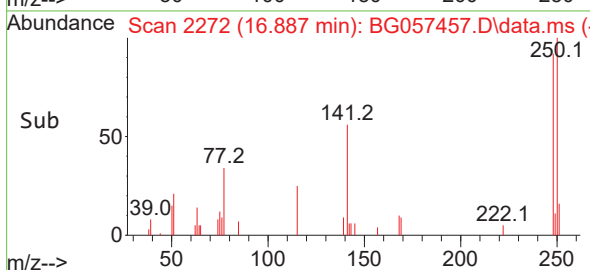
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

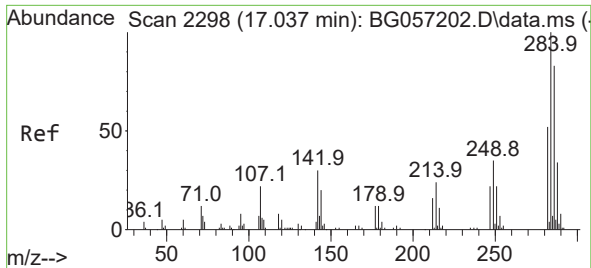


#67
4-Bromophenyl-phenylether
Concen: 3.449 ng
RT: 16.887 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



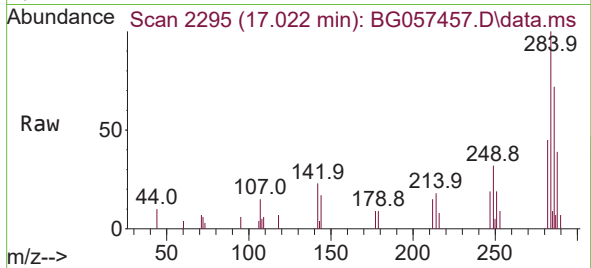
Tgt Ion:248 Resp: 6050
Ion Ratio Lower Upper
248 100
250 108.4 77.0 115.6
141 60.4 48.6 72.8





#68
Hexachlorobenzene
Concen: 3.942 ng
RT: 17.022 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

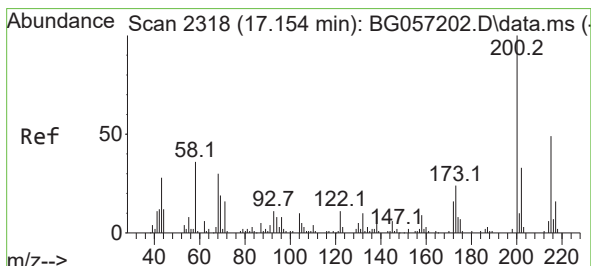
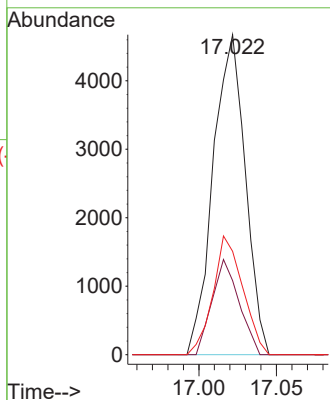
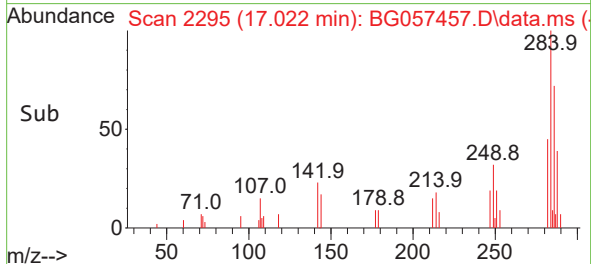
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:284 Resp: 6720
Ion Ratio Lower Upper
284 100
142 23.1 23.9 35.9
249 32.3 27.7 41.5

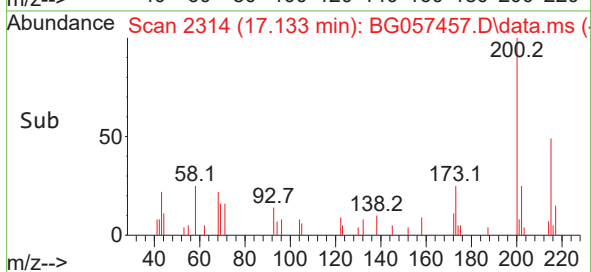
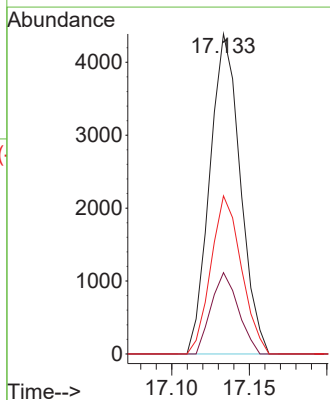
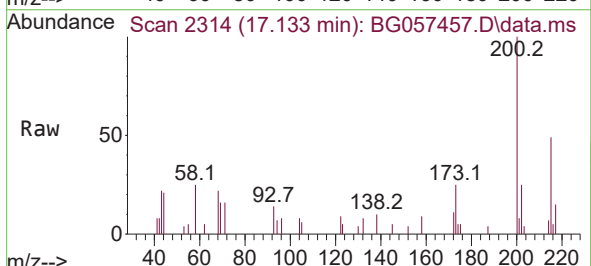
Manual Integrations
APPROVED

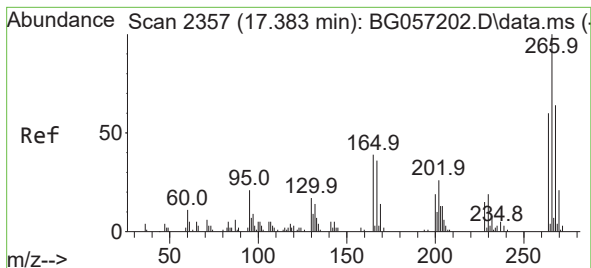
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#69
Atrazine
Concen: 4.028 ng
RT: 17.133 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

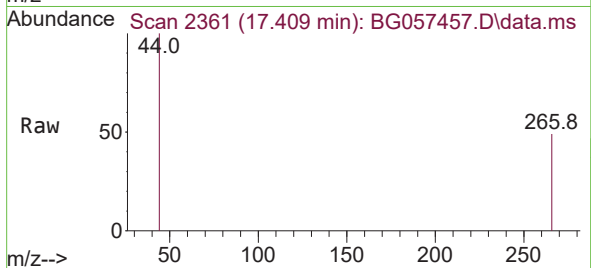
Tgt Ion:200 Resp: 5997
Ion Ratio Lower Upper
200 100
173 25.4 4.3 44.3
215 49.4 29.3 69.3





#70
Pentachlorophenol
Concen: 0.376 ng
RT: 17.409 min Scan# 21
Delta R.T. 0.035 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

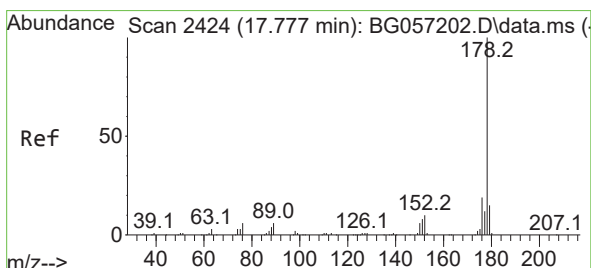
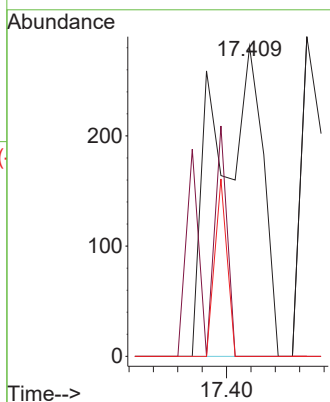
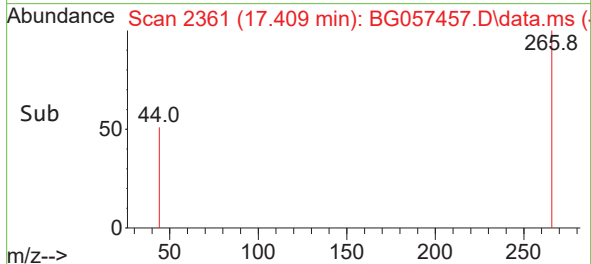
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



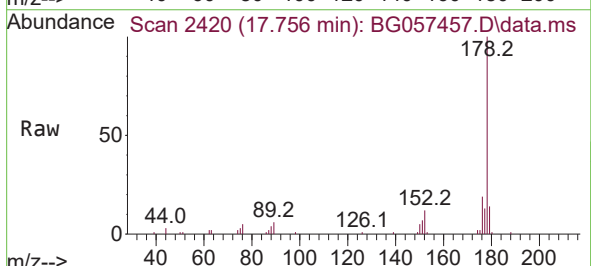
Tgt Ion:266 Resp: 369
Ion Ratio Lower Upper
266 100
268 0.0 51.0 76.6
264 0.0 47.8 71.6

Manual Integrations
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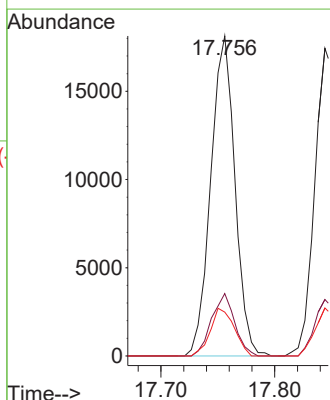
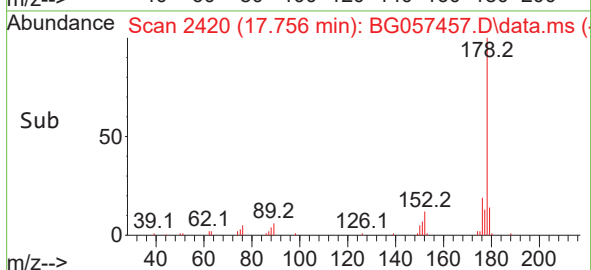
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

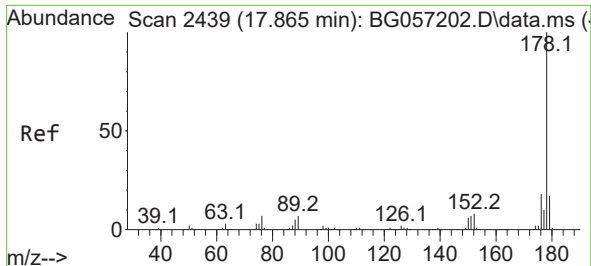


#71
Phenanthrene
Concen: 3.639 ng
RT: 17.756 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



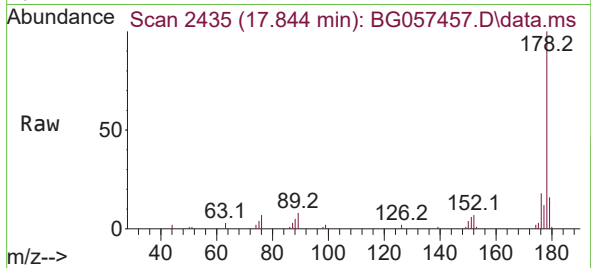
Tgt Ion:178 Resp: 26790
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 13.7 12.3 18.5





#72
 Anthracene
 Concen: 3.535 ng
 RT: 17.844 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

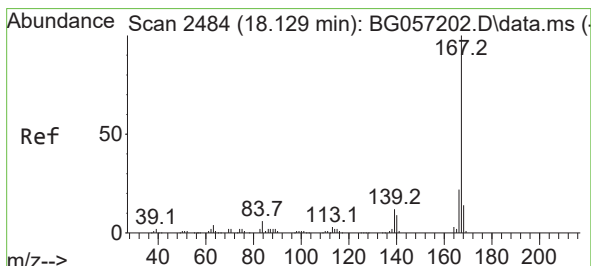
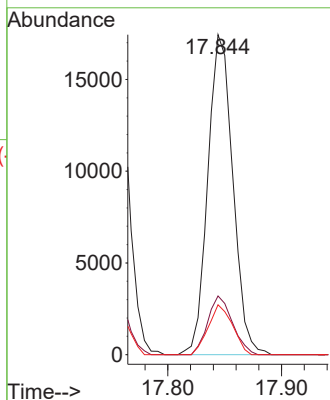
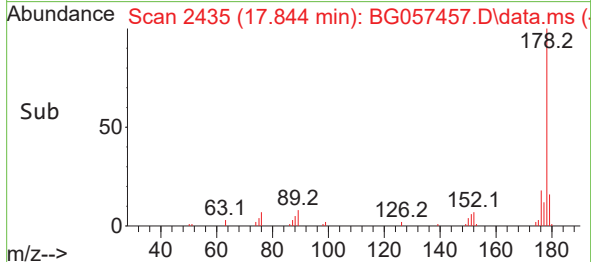
Instrument : BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



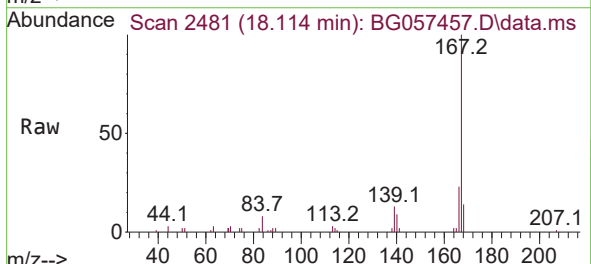
Tgt Ion:178 Resp: 26704
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.6 13.2 19.8

Manual Integrations
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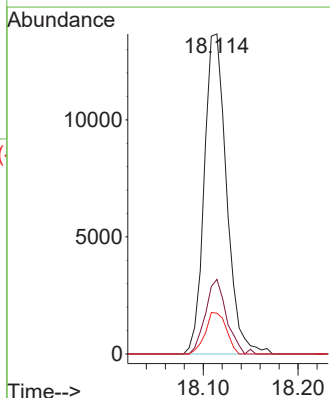
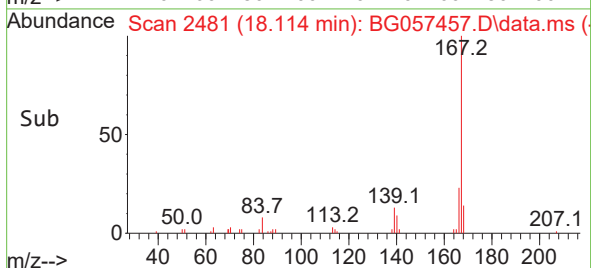
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

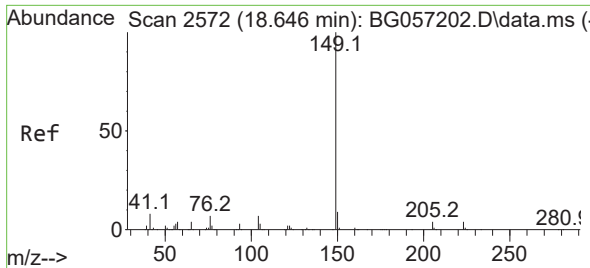


#73
 Carbazole
 Concen: 3.515 ng
 RT: 18.114 min Scan# 2481
 Delta R.T. -0.006 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52



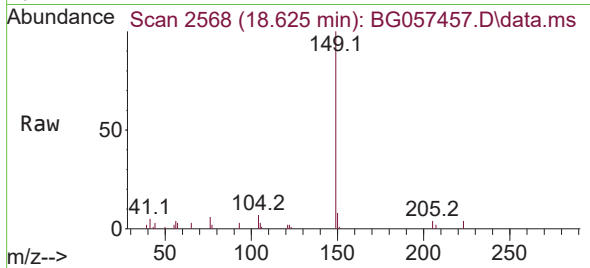
Tgt Ion:167 Resp: 22356
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.4 26.0
 139 12.8 9.6 14.4





#74
Di-n-butylphthalate
Concen: 3.204 ng
RT: 18.625 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

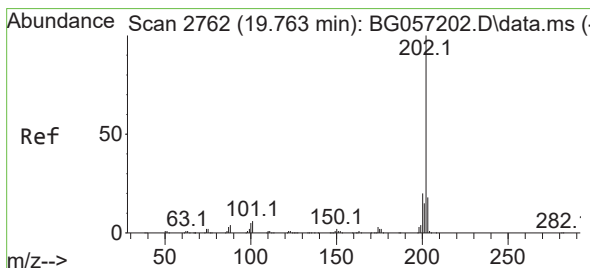
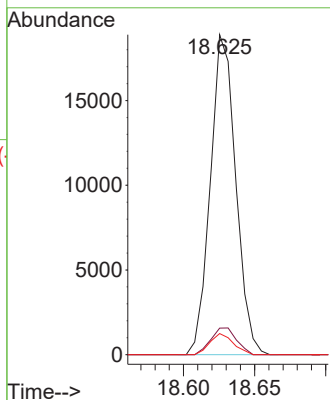
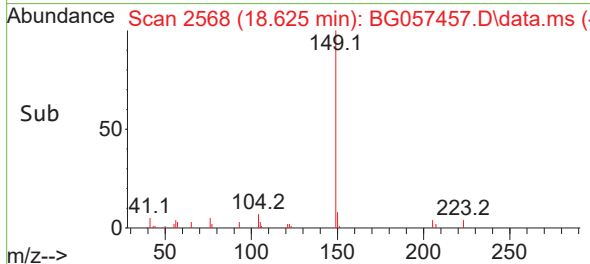
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



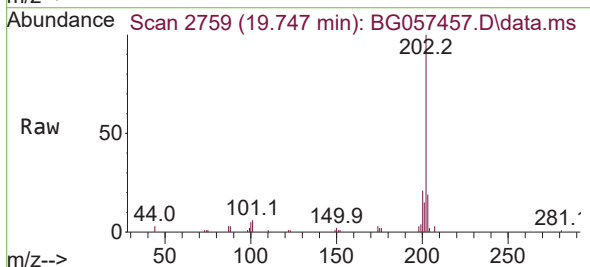
Tgt Ion:149 Resp: 2344
Ion Ratio Lower Upper
149 100
150 8.3 7.3 10.9
104 6.6 5.4 8.2

Manual Integrations
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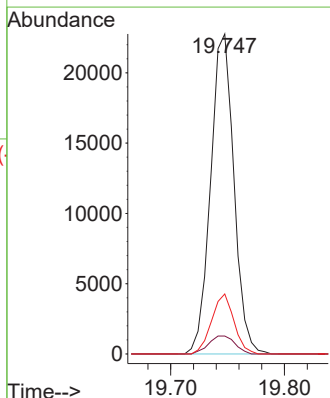
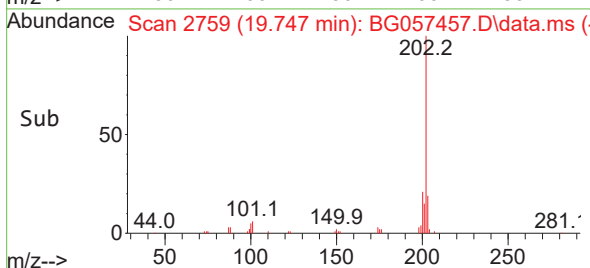
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

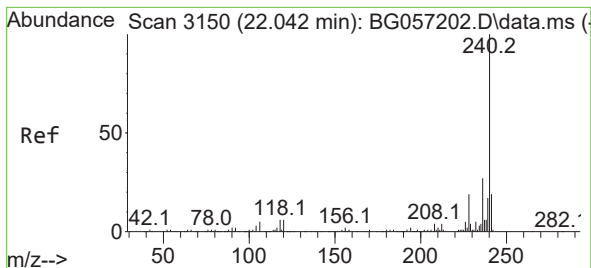


#75
Fluoranthene
Concen: 3.537 ng
RT: 19.747 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52



Tgt Ion:202 Resp: 32394
Ion Ratio Lower Upper
202 100
101 5.6 0.0 26.2
203 18.7 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.021 min Scan# 3150

Delta R.T. -0.012 min

Lab File: BG057457.D

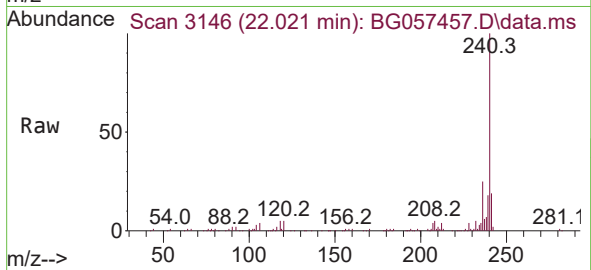
Acq: 18 May 2023 11:52

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:240 Resp: 133725

Ion Ratio Lower Upper

240 100

120 5.3 4.9 7.3

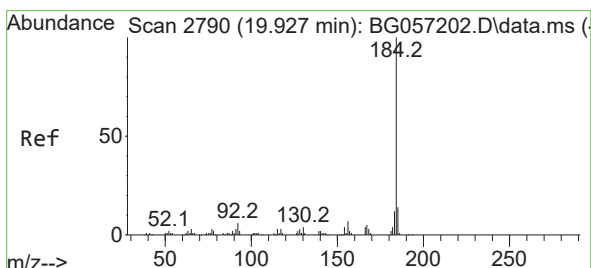
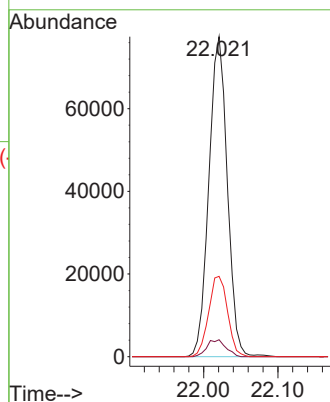
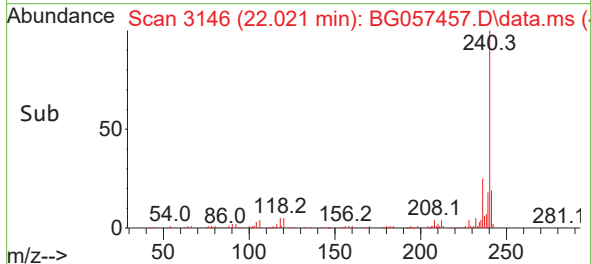
236 25.1 21.4 32.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#77

Benidine

Concen: 4.566 ng

RT: 19.912 min Scan# 2787

Delta R.T. -0.006 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

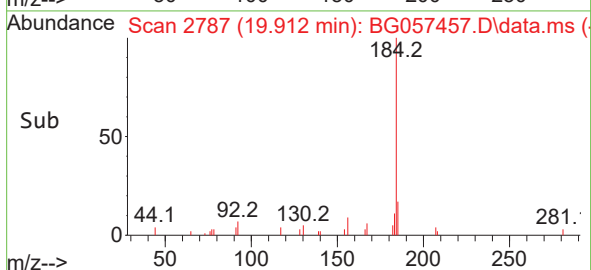
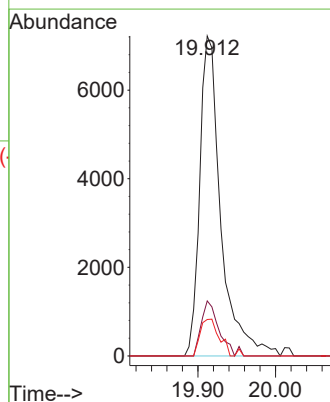
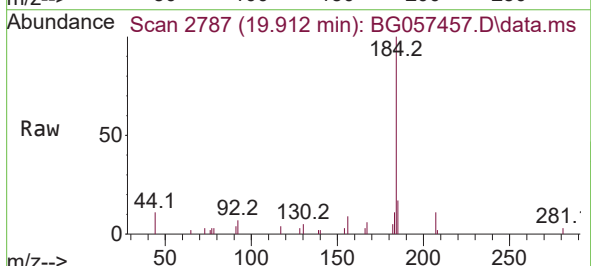
Tgt Ion:184 Resp: 13652

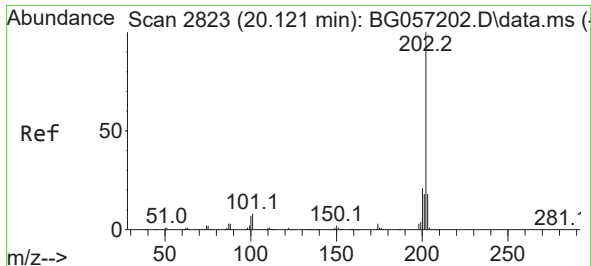
Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

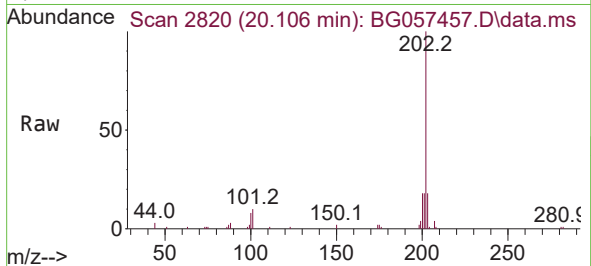
183 11.4 9.9 14.9





#78
 Pyrene
 Concen: 3.432 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

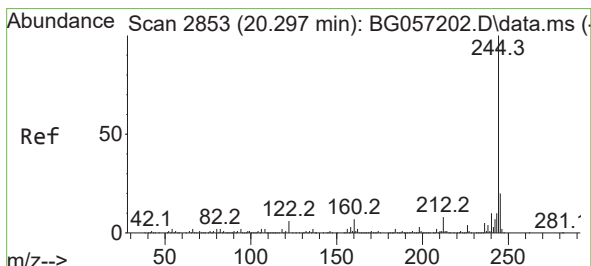
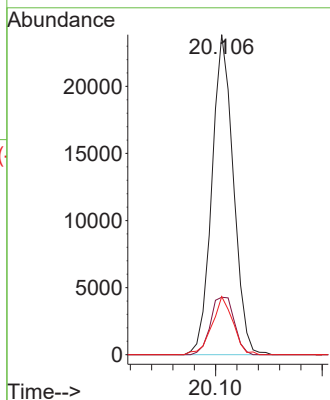
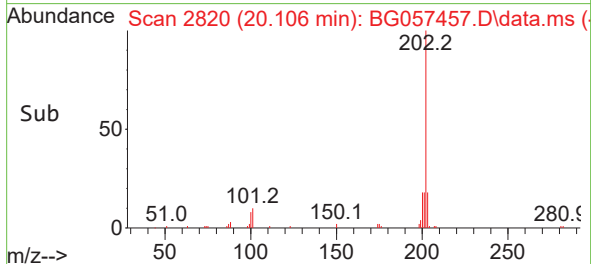
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



Tgt Ion:202 Resp: 3334
 Ion Ratio Lower Upper
 202 100
 200 18.0 17.0 25.4
 203 18.1 14.2 21.4

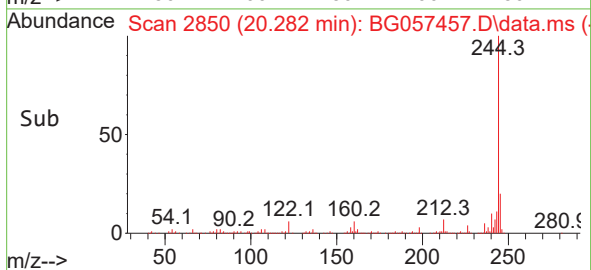
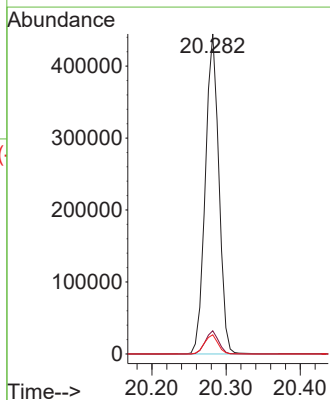
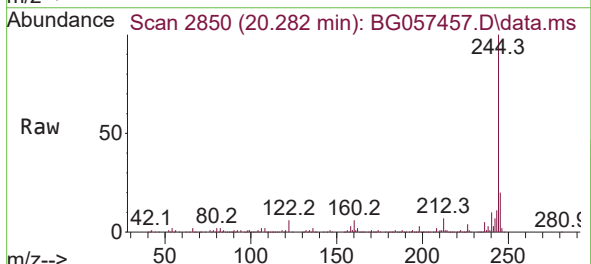
Manual Integrations
 APPROVED

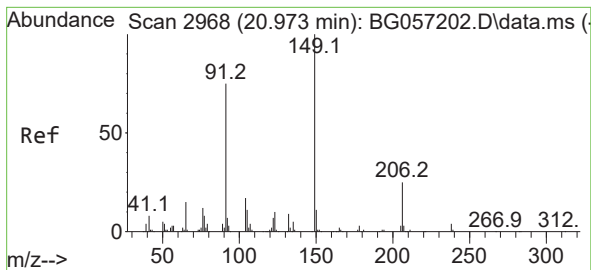
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#79
 Terphenyl-d14
 Concen: 69.037 ng
 RT: 20.282 min Scan# 2850
 Delta R.T. -0.006 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

Tgt Ion:244 Resp: 565714
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.0 5.1 7.7





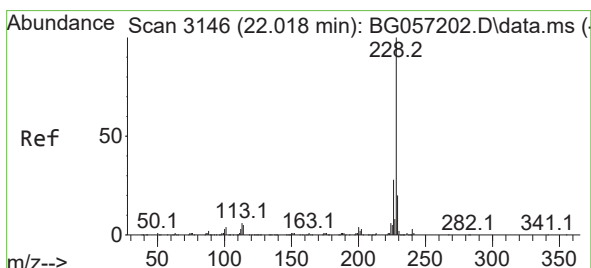
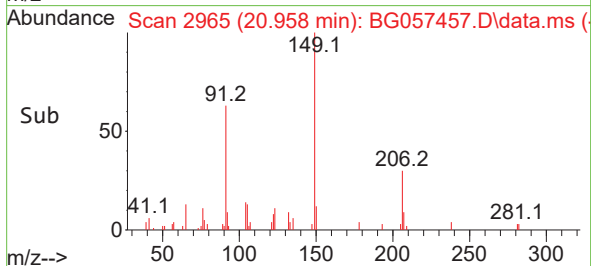
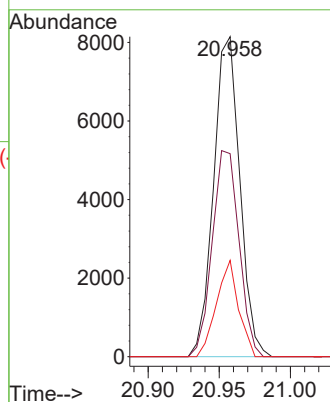
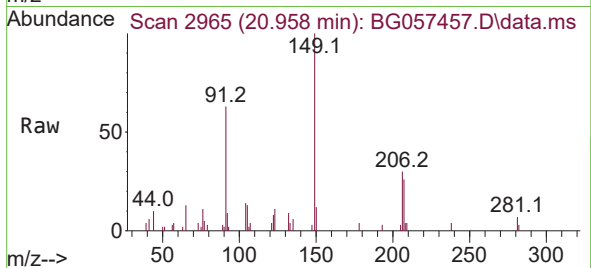
#80
Butylbenzylphthalate
Concen: 3.391 ng
RT: 20.958 min Scan# 2965
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:149 Resp: 10454
Ion Ratio Lower Upper
149 100
91 63.5 59.7 89.5
206 30.1 19.7 29.5

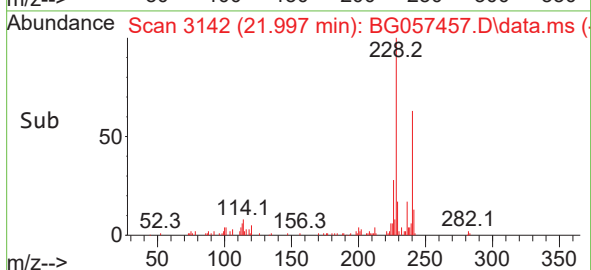
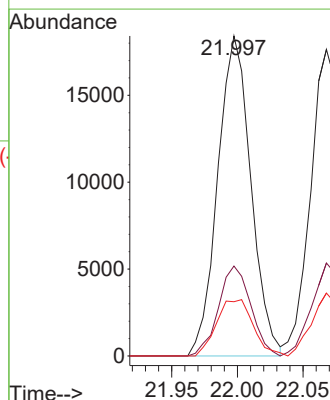
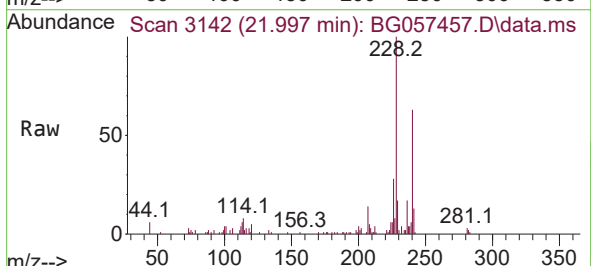
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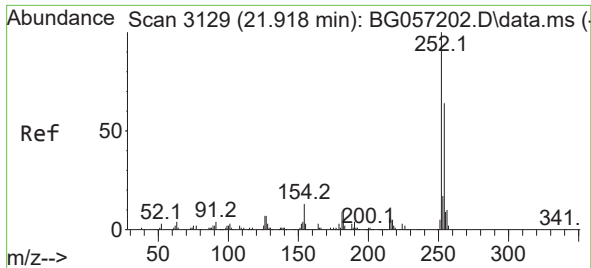
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#81
Benzo(a)anthracene
Concen: 3.395 ng
RT: 21.997 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

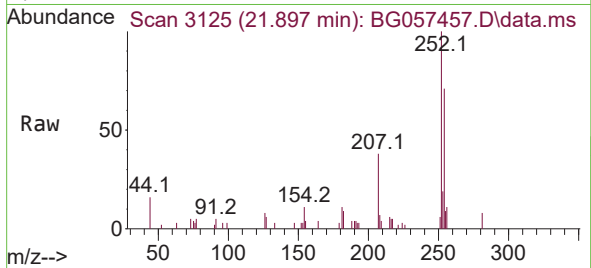
Tgt Ion:228 Resp: 32346
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 17.0 15.8 23.8





#82
3,3'-Dichlorobenzidine
Concen: 4.228 ng
RT: 21.897 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

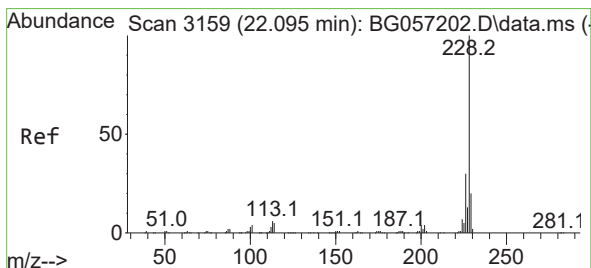
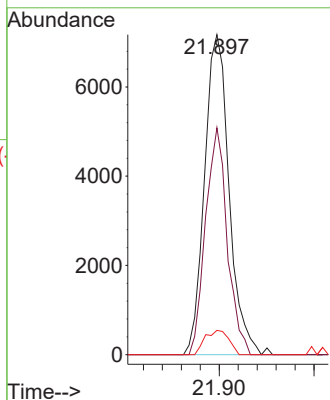
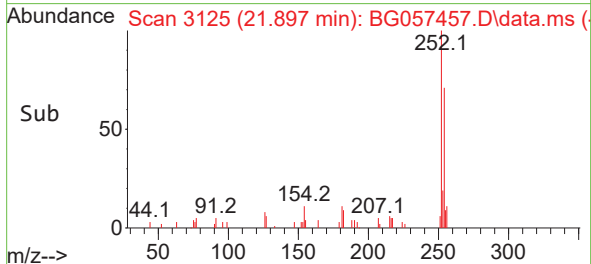
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:252 Resp: 1290
Ion Ratio Lower Upper
252 100
254 70.9 51.4 77.0
126 7.6 5.9 8.9

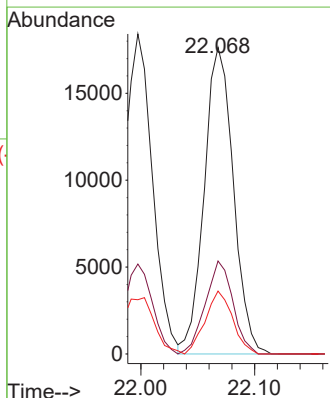
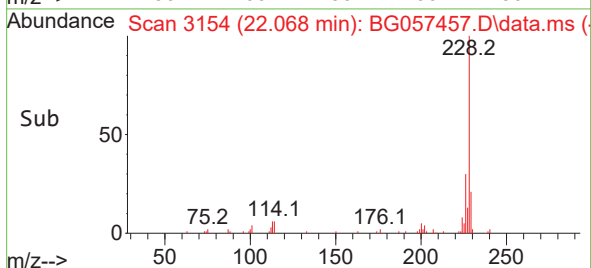
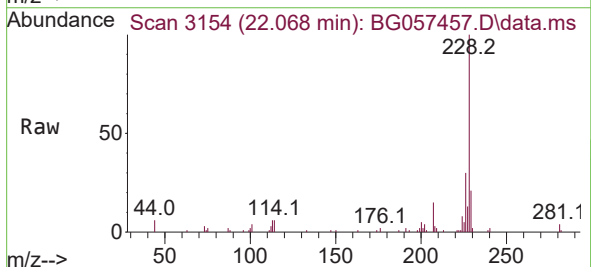
Manual Integrations
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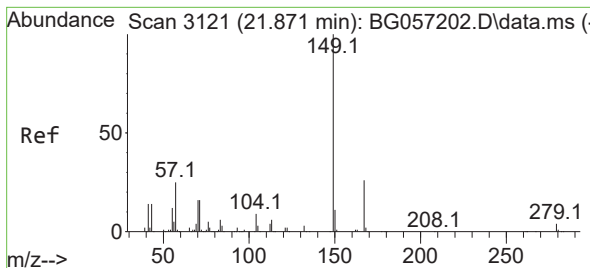
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#83
Chrysene
Concen: 3.508 ng
RT: 22.068 min Scan# 3154
Delta R.T. -0.012 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

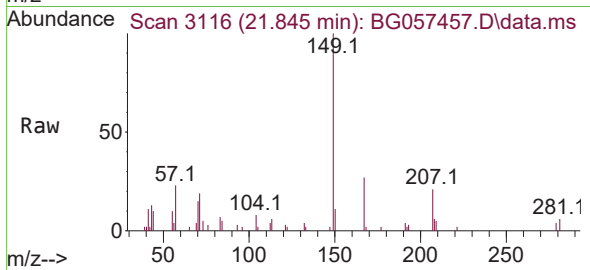
Tgt Ion:228 Resp: 31447
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.5 15.9 23.9





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.249 ng
 RT: 21.845 min Scan# 3116
 Delta R.T. -0.012 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

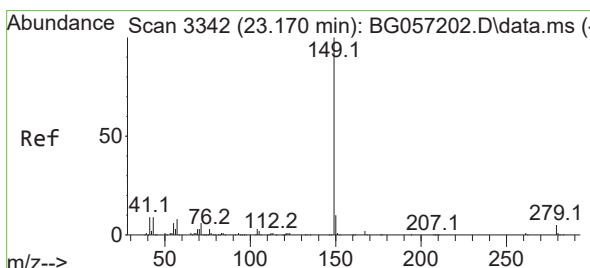
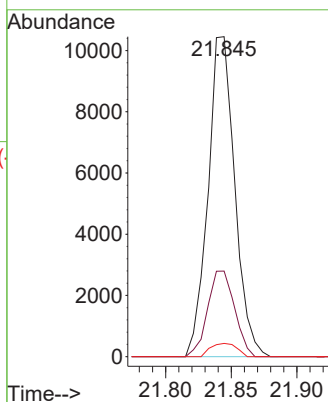
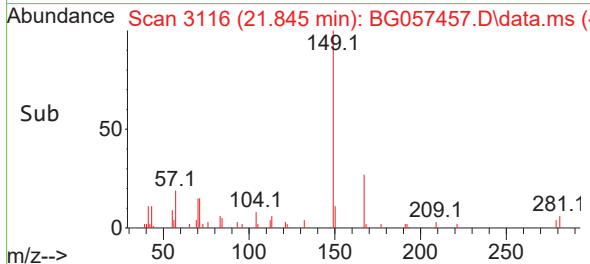
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:149 Resp: 14820
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.2 31.8
 279 4.2 3.5 5.3

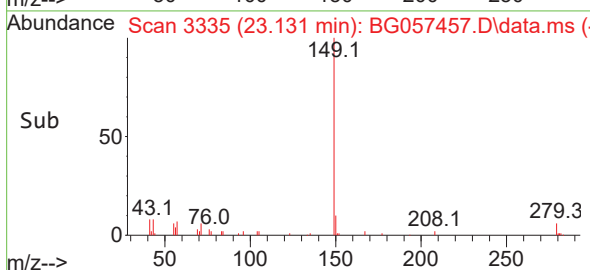
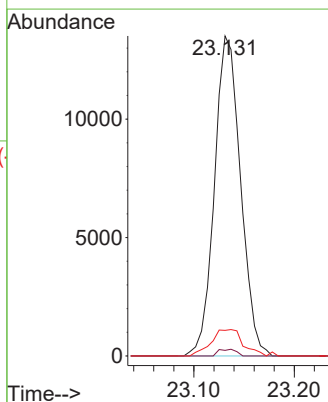
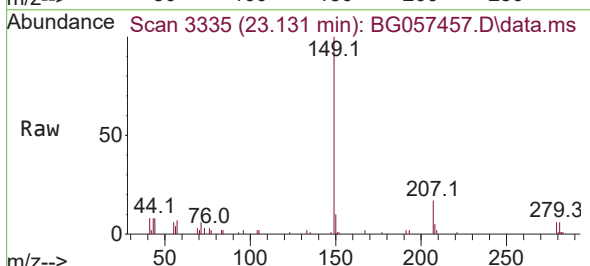
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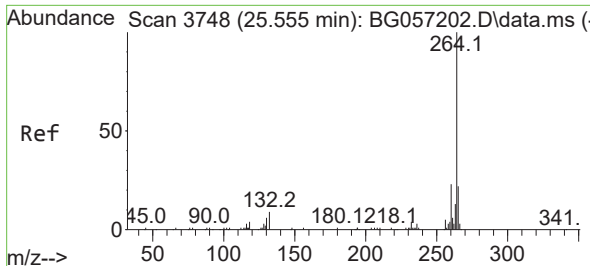
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#85
 Di-n-octyl phthalate
 Concen: 3.207 ng
 RT: 23.131 min Scan# 3335
 Delta R.T. -0.018 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

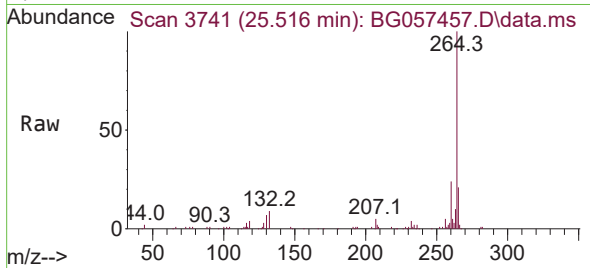
Tgt Ion:149 Resp: 24390
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 10.3 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.516 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

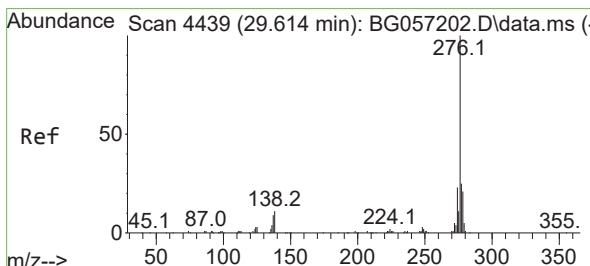
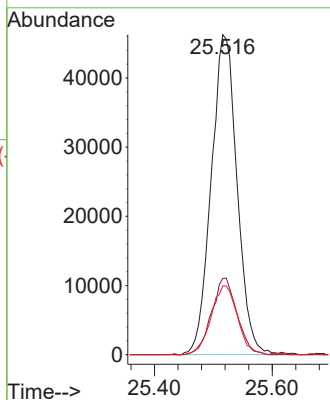
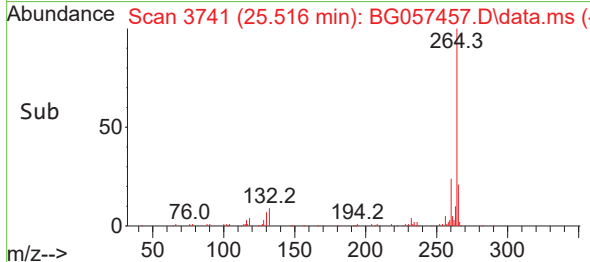
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:264 Resp: 140828
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.5 17.9 26.9

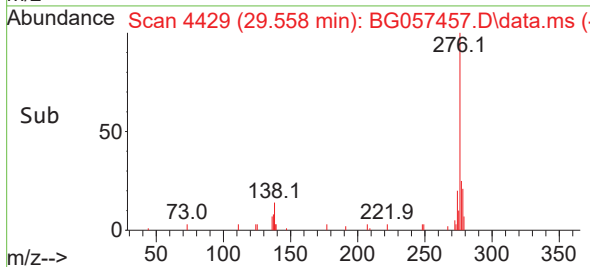
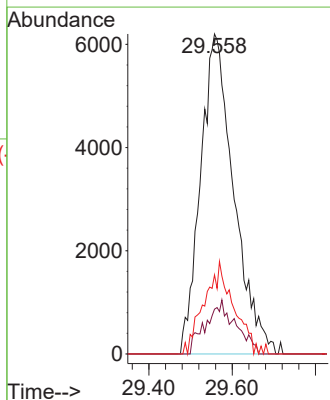
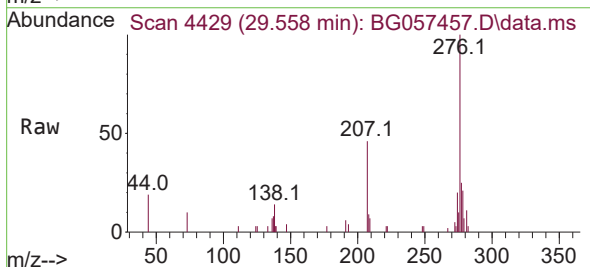
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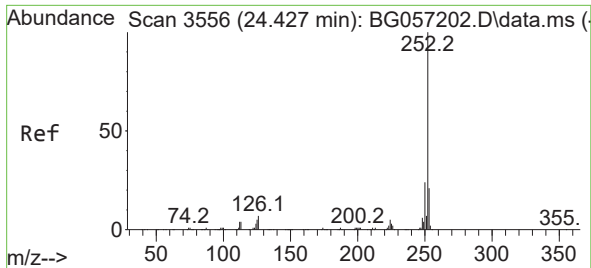
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.348 ng
RT: 29.558 min Scan# 4429
Delta R.T. -0.042 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

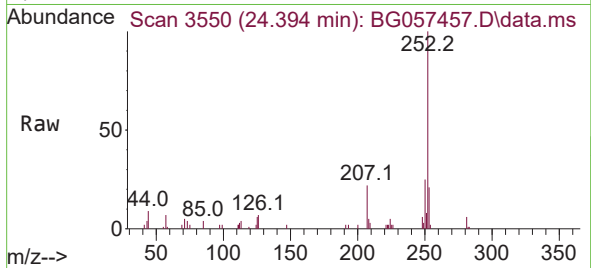
Tgt Ion:276 Resp: 34366
Ion Ratio Lower Upper
276 100
138 15.1 5.4 8.0#
277 25.4 20.6 30.8





#88
Benzo(b)fluoranthene
Concen: 3.587 ng
RT: 24.394 min Scan# 3550
Delta R.T. -0.018 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

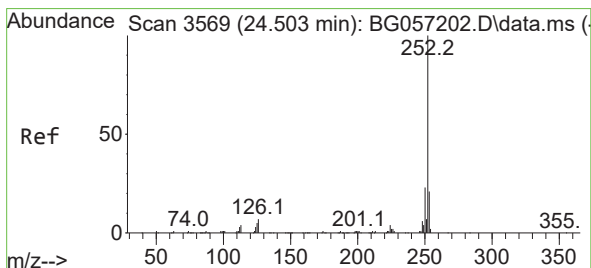
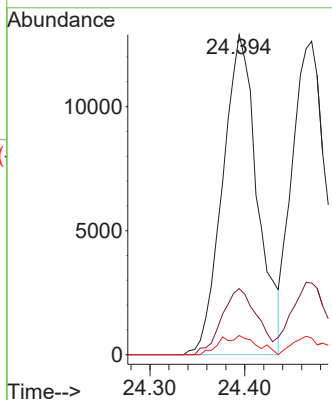
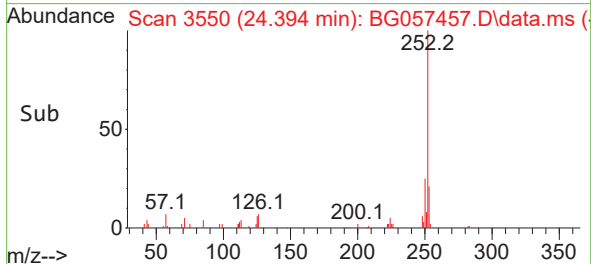
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:252 Resp: 33025
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 6.0 4.2 6.2

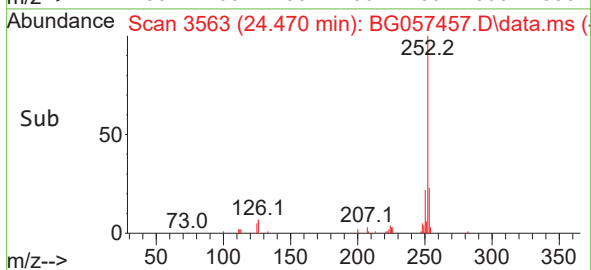
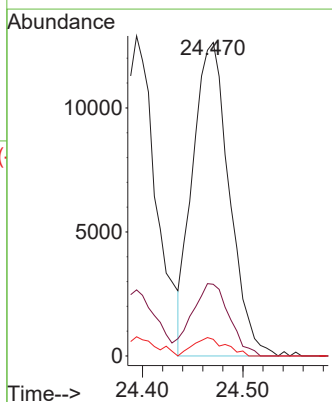
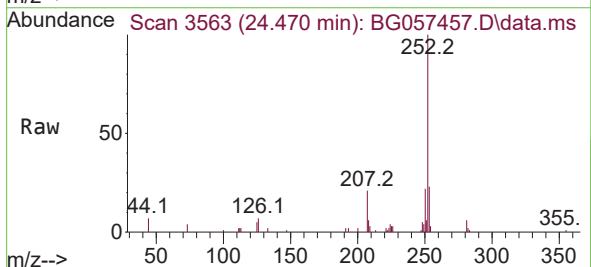
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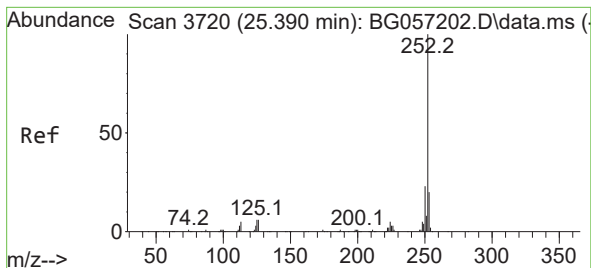
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#89
Benzo(k)fluoranthene
Concen: 3.430 ng
RT: 24.470 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BG057457.D
Acq: 18 May 2023 11:52

Tgt Ion:252 Resp: 32091
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 5.3 4.1 6.1





#90

Benzo(a)pyrene

Concen: 3.164 ng

RT: 25.352 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

Instrument :

BNA_G

ClientSampleId :

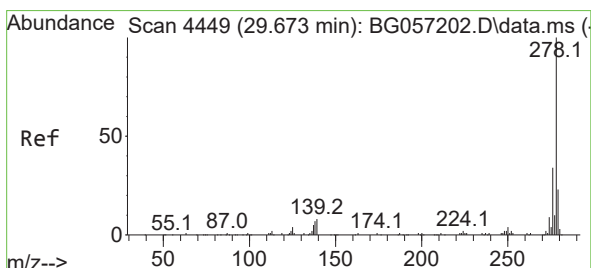
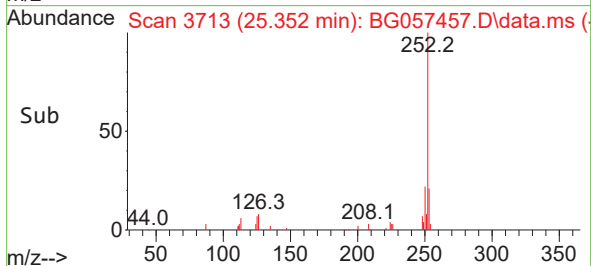
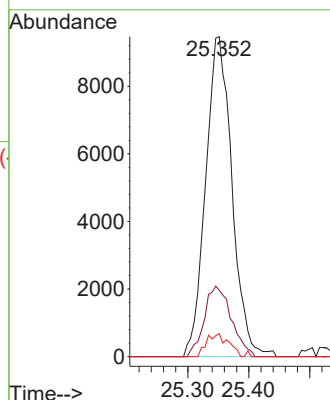
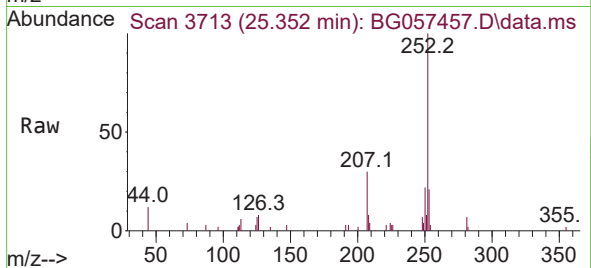
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	252	Resp:	2845
Ion Ratio	Lower	Upper	
252	100		
253	20.8	16.3	24.5
125	7.2	5.0	7.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#91

Dibenzo(a,h)anthracene

Concen: 3.469 ng

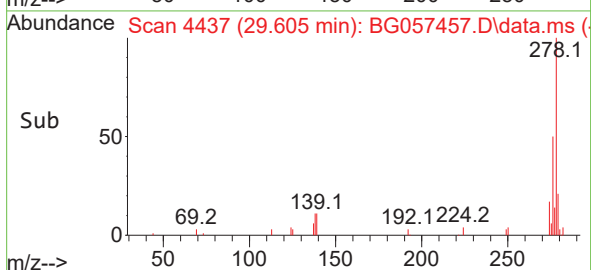
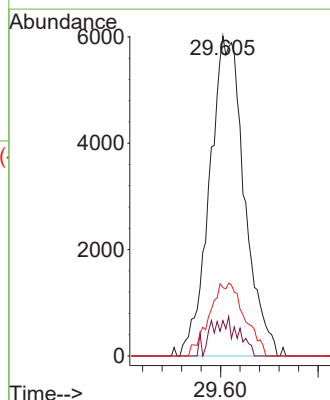
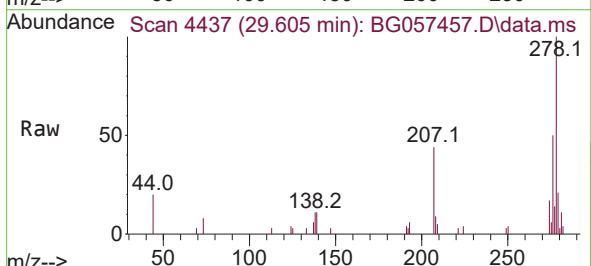
RT: 29.605 min Scan# 4437

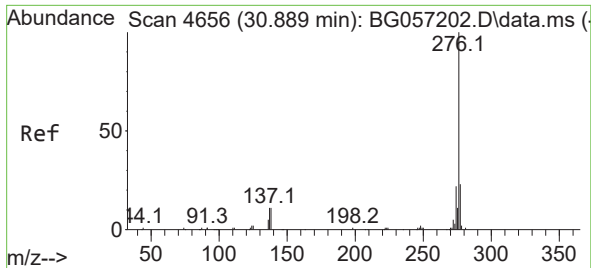
Delta R.T. -0.048 min

Lab File: BG057457.D

Acq: 18 May 2023 11:52

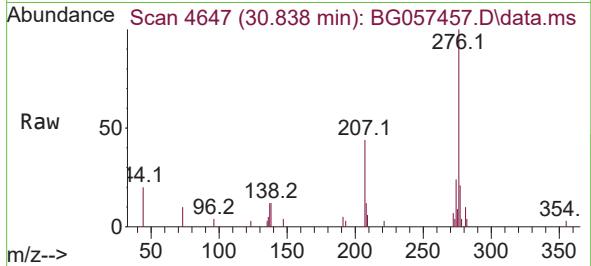
Tgt Ion:	278	Resp:	29650
Ion Ratio	Lower	Upper	
278	100		
139	11.0	6.2	9.2#
279	21.3	18.6	27.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.452 ng
 RT: 30.838 min Scan# 4647
 Delta R.T. -0.036 min
 Lab File: BG057457.D
 Acq: 18 May 2023 11:52

Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	276	Resp:	2881
Ion Ratio	Lower	Upper	
276	100		
277	21.4	18.4	27.6
138	12.3	9.0	13.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

