

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
 Data File : BG057446.D
 Acq On : 17 May 2023 14:51
 Operator : CG/JU
 Sample : 02213-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 18 01:57:06 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 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	16722	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	68604	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	55399	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	141419	20.000	ng	0.00
76) Chrysene-d12	22.031	240	130115	20.000	ng	0.00
86) Perylene-d12	25.544	264	140065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	103183	105.553	ng	0.00
7) Phenol-d6	7.503	99	157316	105.977	ng	0.00
23) Nitrobenzene-d5	9.542	82	119376	73.032	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	90655	115.329	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	316588	76.965	ng	0.00
79) Terphenyl-d14	20.292	244	587628	73.701	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.679	88	3941	9.750	ng	95
3) Pyridine	4.114	79	10022m	7.716	ng	
4) n-Nitrosodimethylamine	4.014	42	4838	7.926	ng	99
6) Aniline	7.674	93	16970	9.012	ng	# 91
8) 2-Chlorophenol	7.926	128	9741	9.430	ng	98
9) Benzaldehyde	7.486	77	10376	7.510	ng	96
10) Phenol	7.527	94	13120	9.067	ng	96
11) bis(2-Chloroethyl)ether	7.762	93	9810	8.990	ng	98
12) 1,3-Dichlorobenzene	8.249	146	11258	9.875	ng	97
13) 1,4-Dichlorobenzene	8.402	146	11376	9.934	ng	96
14) 1,2-Dichlorobenzene	8.725	146	10864	9.827	ng	98
15) Benzyl Alcohol	8.602	79	9890	7.997	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.884	45	11812	8.589	ng	95
17) 2-Methylphenol	8.802	107	9442	9.052	ng	98
18) Hexachloroethane	9.459	117	3996	9.670	ng	96
19) n-Nitroso-di-n-propyla...	9.160	70	9219	8.145	ng	# 91
20) 3+4-Methylphenols	9.131	107	12452	8.718	ng	92
22) Acetophenone	9.195	105	17655	8.991	ng	# 94
24) Nitrobenzene	9.583	77	15092	9.148	ng	# 97
25) Isophorone	10.100	82	25324	7.990	ng	97
26) 2-Nitrophenol	10.305	139	5876	9.305	ng	100
27) 2,4-Dimethylphenol	10.347	122	9902	8.955	ng	94
28) bis(2-Chloroethoxy)met...	10.576	93	13707	8.632	ng	95
29) 2,4-Dichlorophenol	10.852	162	11295	9.631	ng	94
30) 1,2,4-Trichlorobenzene	11.057	180	12813	9.472	ng	98
31) Naphthalene	11.251	128	33198	9.052	ng	99
32) Benzoic acid	10.529	122	2188m	7.811	ng	
33) 4-Chloroaniline	11.357	127	14031	8.519	ng	97
34) Hexachlorobutadiene	11.521	225	9034	9.000	ng	93
35) Caprolactam	12.103	113	3714	9.271	ng	# 91
36) 4-Chloro-3-methylphenol	12.455	107	12735	9.555	ng	99
37) 2-Methylnaphthalene	12.831	142	25483	8.837	ng	96
38) 1-Methylnaphthalene	13.049	142	25096	9.233	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	19178	9.751	ng	98
41) Hexachlorocyclopentadiene	13.166	237	3056	9.273	ng	96
43) 2,4,6-Trichlorophenol	13.431	196	10860	9.064	ng	99

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 LOQ-WATER-02-QT2-2023

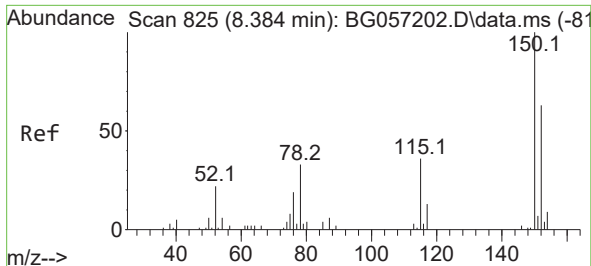
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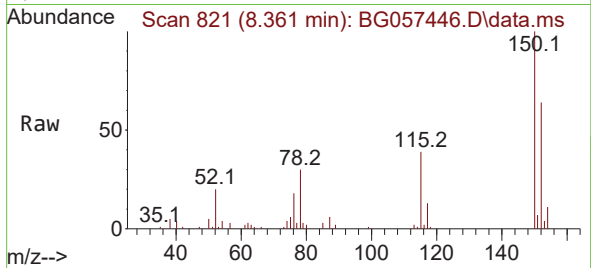
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	12260	8.699	ng	# 96
46) 1,1'-Biphenyl	13.812	154	39159	9.526	ng	94
47) 2-Chloronaphthalene	13.871	162	28662	9.376	ng	96
48) 2-Nitroaniline	14.071	65	8606	8.280	ng	91
49) Acenaphthylene	14.705	152	45424	9.146	ng	99
50) Dimethylphthalate	14.412	163	38813	8.526	ng	99
51) 2,6-Dinitrotoluene	14.547	165	8399	9.036	ng	88
52) Acenaphthene	15.046	154	27889	8.987	ng	99
53) 3-Nitroaniline	14.882	138	7929	8.515	ng	# 91
54) 2,4-Dinitrophenol	15.105	184	1689	7.670	ng	# 88
55) Dibenzofuran	15.375	168	48507	9.303	ng	94
56) 4-Nitrophenol	15.193	139	4540	7.331	ng	# 82
57) 2,4-Dinitrotoluene	15.334	165	12222	9.201	ng	# 89
58) Fluorene	16.021	166	39846	9.277	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.604	232	11971	9.368	ng	# 95
60) Diethylphthalate	15.757	149	40163	8.687	ng	96
61) 4-Chlorophenyl-phenyle...	15.998	204	23025	8.899	ng	90
62) 4-Nitroaniline	16.033	138	7816	8.320	ng	# 86
63) Azobenzene	16.291	77	36738	8.236	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	5895	6.982	ng	93
66) n-Nitrosodiphenylamine	16.215	169	34319	8.935	ng	97
67) 4-Bromophenyl-phenylether	16.891	248	15488	8.971	ng	100
68) Hexachlorobenzene	17.026	284	17108	10.198	ng	98
69) Atrazine	17.143	200	14703	10.035	ng	95
70) Pentachlorophenol	17.384	266	4458	4.611	ng	93
71) Phenanthrene	17.760	178	67772	9.352	ng	98
72) Anthracene	17.854	178	67964	9.140	ng	99
73) Carbazole	18.118	167	56396	9.009	ng	97
74) Di-n-butylphthalate	18.635	149	63522	8.820	ng	# 98
75) Fluoranthene	19.751	202	79669	8.839	ng	100
77) Benzidine	19.922	184	41936	14.416	ng	97
78) Pyrene	20.116	202	82193	8.693	ng	100
80) Butylbenzylphthalate	20.962	149	26652	8.884	ng	99
81) Benzo(a)anthracene	22.007	228	82425	8.891	ng	99
82) 3,3'-Dichlorobenzidine	21.907	252	33145	11.163	ng	94
83) Chrysene	22.078	228	77930	8.935	ng	97
84) Bis(2-ethylhexyl)phtha...	21.854	149	38879	8.759	ng	# 98
85) Di-n-octyl phthalate	23.147	149	67191	9.080	ng	97
87) Indeno(1,2,3-cd)pyrene	29.585	276	90154	8.832	ng	99
88) Benzo(b)fluoranthene	24.416	252	83313	9.099	ng	100
89) Benzo(k)fluoranthene	24.486	252	80584	8.661	ng	99
90) Benzo(a)pyrene	25.373	252	72565	8.112	ng	96
91) Dibenzo(a,h)anthracene	29.644	278	75054	8.829	ng	98
92) Benzo(g,h,i)perylene	30.872	276	73819	8.893	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

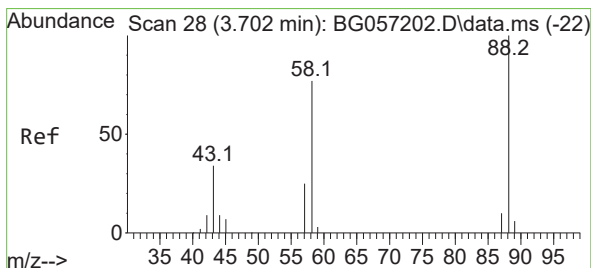
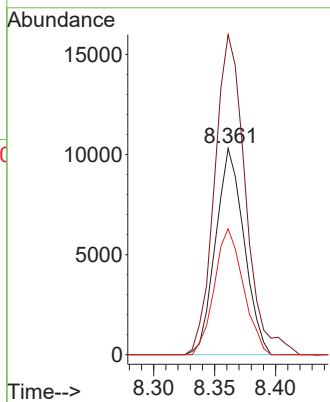
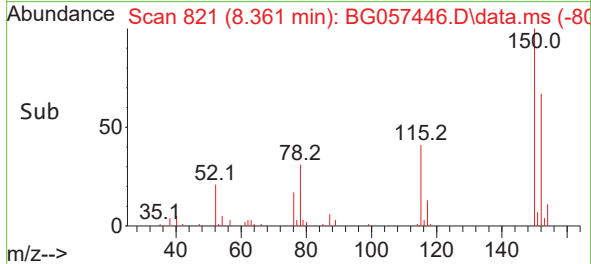
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 152 Resp: 1672
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 61.0 45.0 67.4

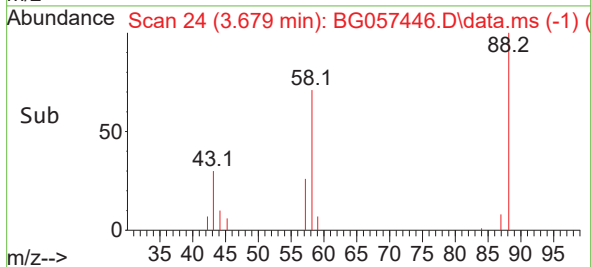
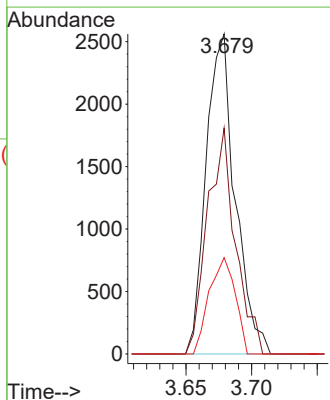
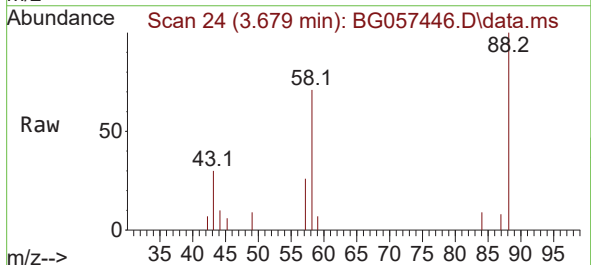
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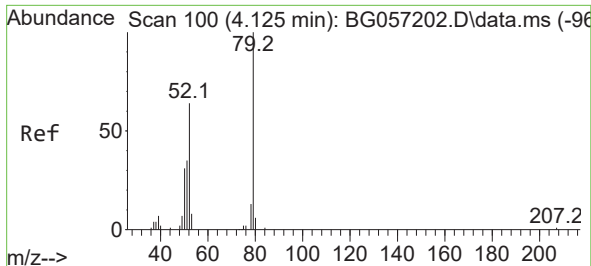
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#2
1,4-Dioxane
Concen: 9.750 ng
RT: 3.679 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

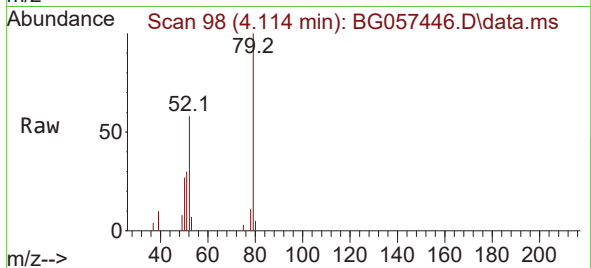
Tgt Ion: 88 Resp: 3941
Ion Ratio Lower Upper
88 100
58 67.9 57.1 85.7
43 27.0 24.4 36.6





#3
Pyridine
Concen: 7.716 ng m
RT: 4.114 min Scan# 91
Delta R.T. 0.009 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

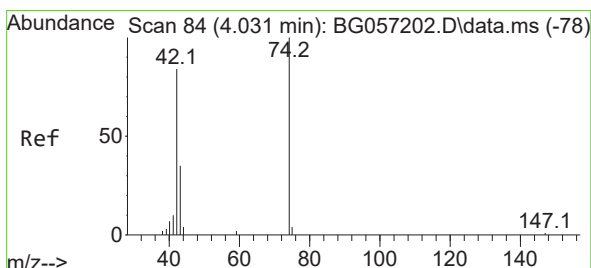
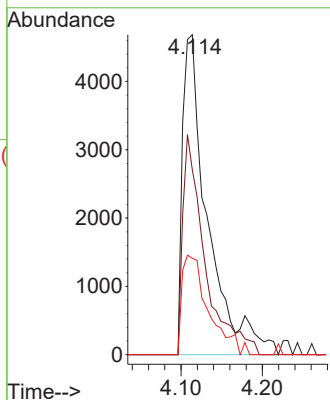
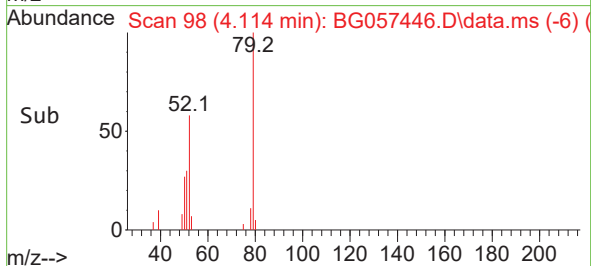
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 79 Resp: 1002
Ion Ratio Lower Upper
79 100
52 57.8 51.4 77.0
51 30.2 28.0 42.0

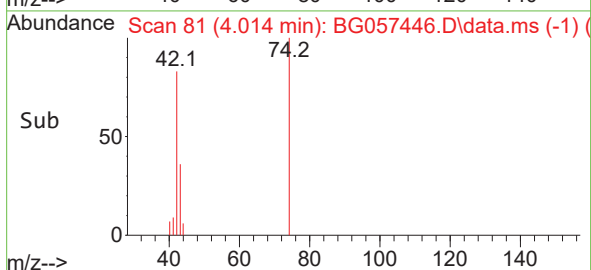
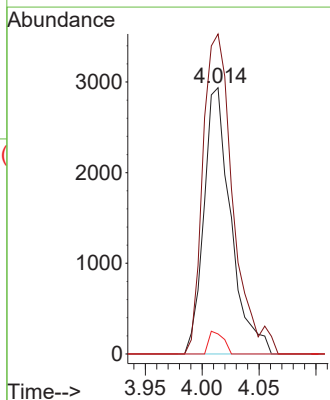
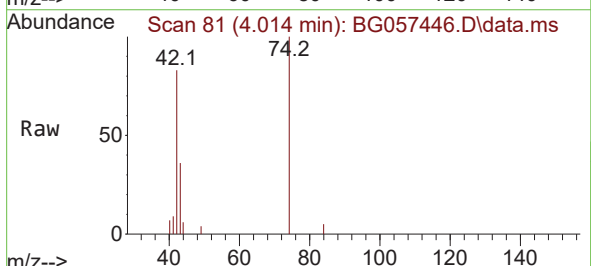
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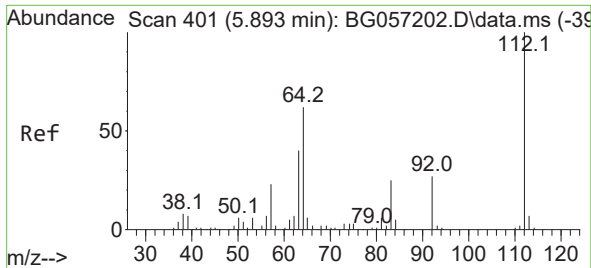
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#4
n-Nitrosodimethylamine
Concen: 7.926 ng
RT: 4.014 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

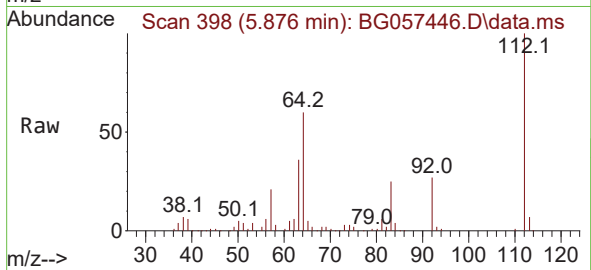
Tgt Ion: 42 Resp: 4838
Ion Ratio Lower Upper
42 100
74 120.2 95.1 142.7
44 7.5 5.8 8.8





#5
2-Fluorophenol
Concen: 105.553 ng
RT: 5.876 min Scan# 398
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

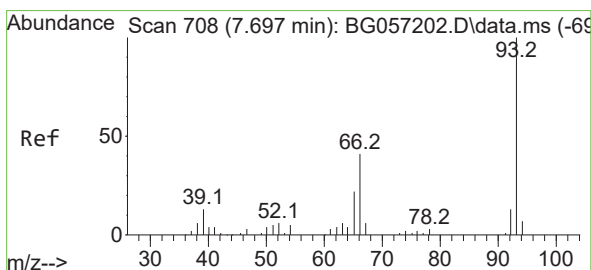
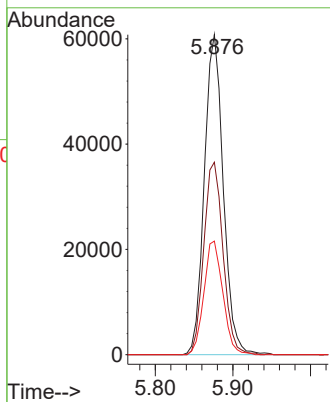
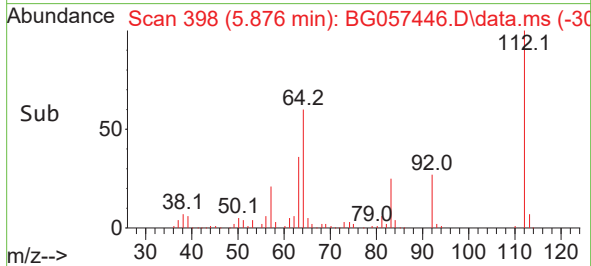
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:112 Resp: 10318
Ion Ratio Lower Upper
112 100
64 60.1 49.4 74.2
63 35.5 31.6 47.4

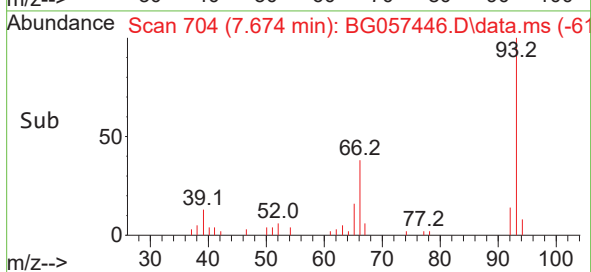
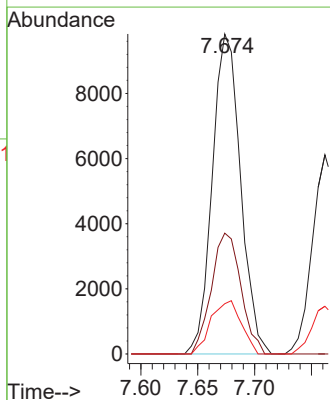
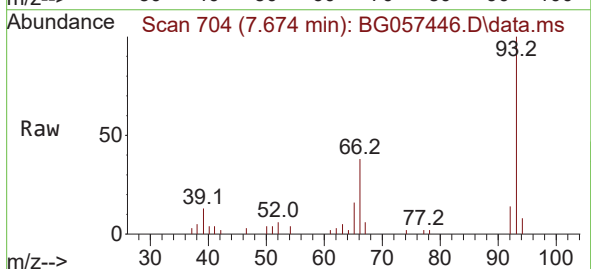
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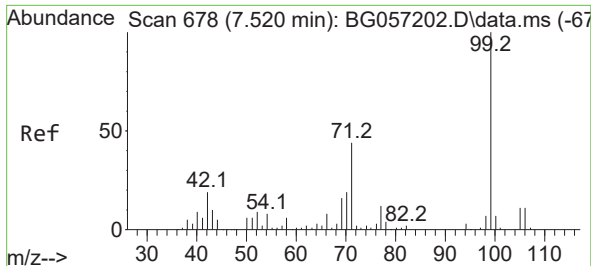
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 9.012 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG057446.D
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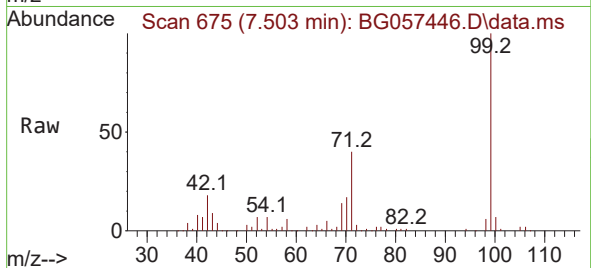
Tgt Ion: 93 Resp: 16970
Ion Ratio Lower Upper
93 100
66 37.7 33.0 49.6
65 15.7 18.0 27.0#





#7
Phenol-d6
Concen: 105.977 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057446.D
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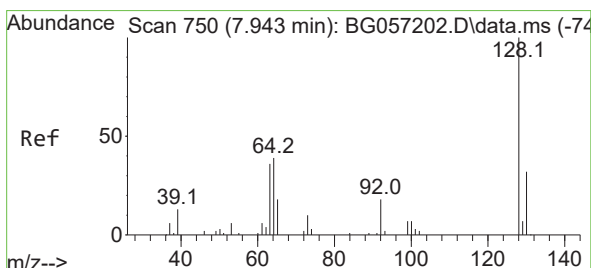
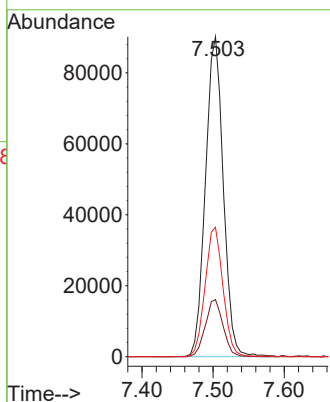
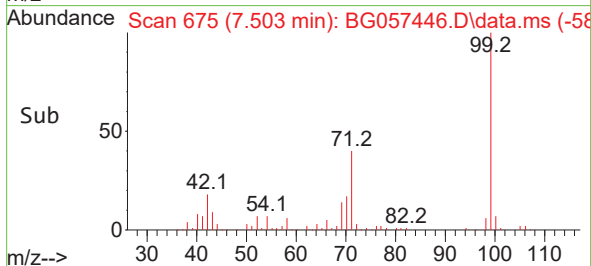
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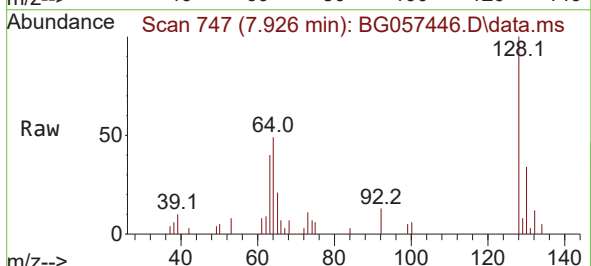
Tgt Ion: 99 Resp: 157310
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 40.5 35.2 52.8

Manual Integrations
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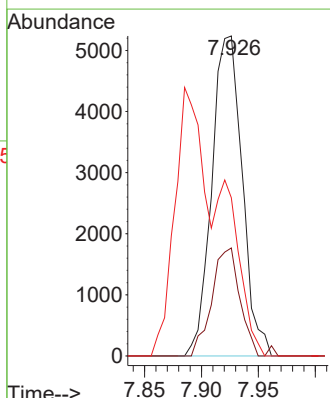
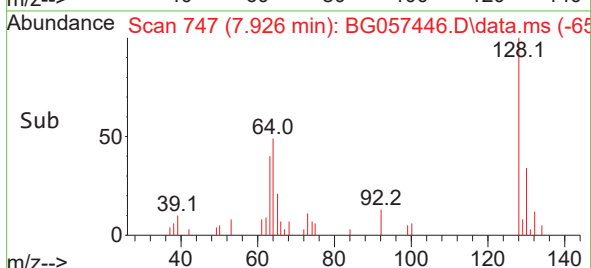
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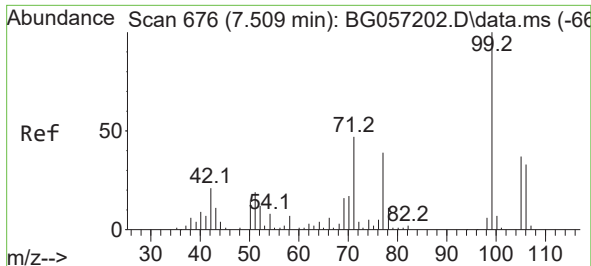


#8
2-Chlorophenol
Concen: 9.430 ng
RT: 7.926 min Scan# 747
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



Tgt Ion:128 Resp: 9741
Ion Ratio Lower Upper
128 100
130 33.7 12.2 52.2
64 49.5 28.4 68.4





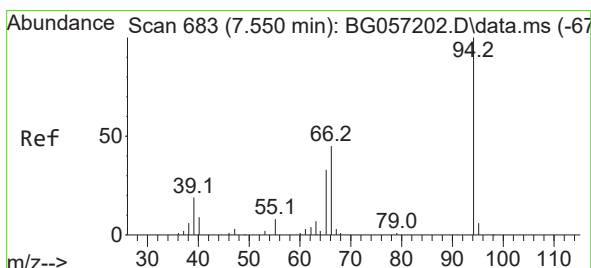
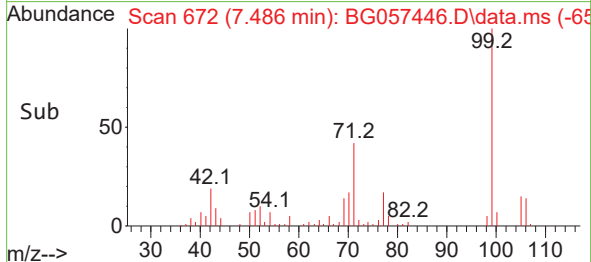
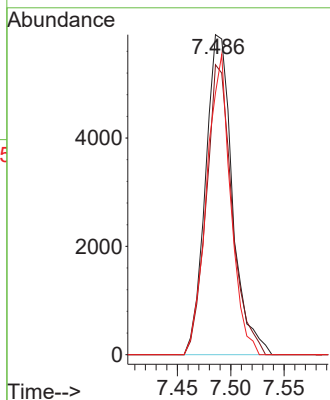
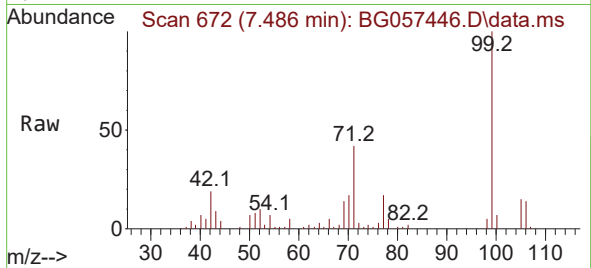
#9
Benzaldehyde
Concen: 7.510 ng
RT: 7.486 min Scan# 610
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 77 Resp: 10370
Ion Ratio Lower Upper
77 100
105 90.6 74.6 114.6
106 81.8 66.3 106.3

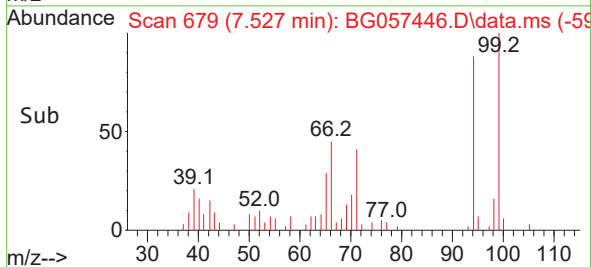
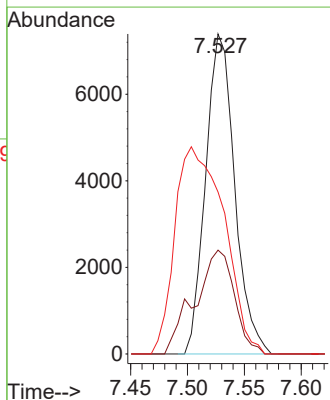
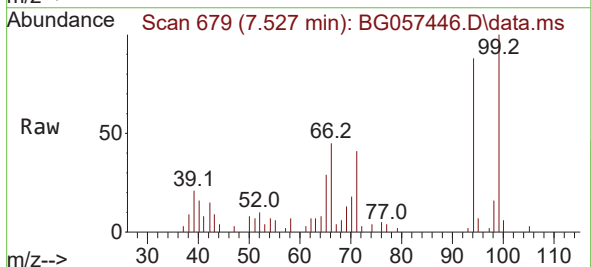
Manual Integrations
APPROVED

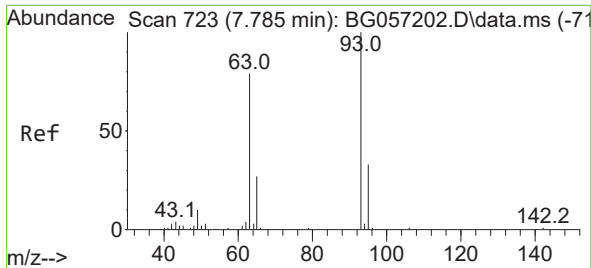
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#10
Phenol
Concen: 9.067 ng
RT: 7.527 min Scan# 679
Delta R.T. -0.008 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

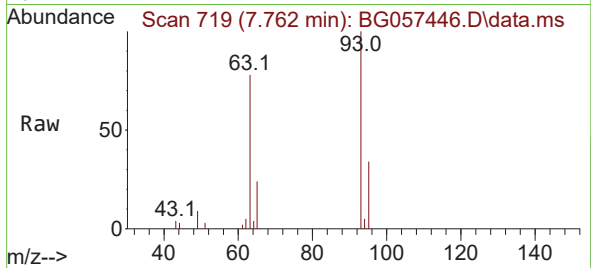
Tgt Ion: 94 Resp: 13120
Ion Ratio Lower Upper
94 100
65 32.5 13.5 53.5
66 50.6 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 8.990 ng
RT: 7.762 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

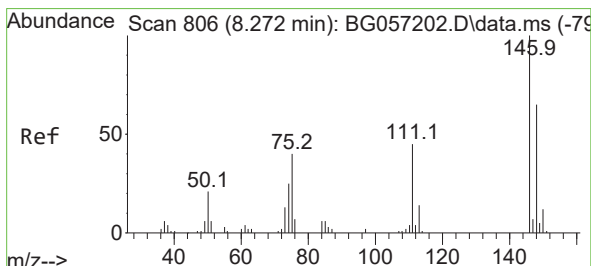
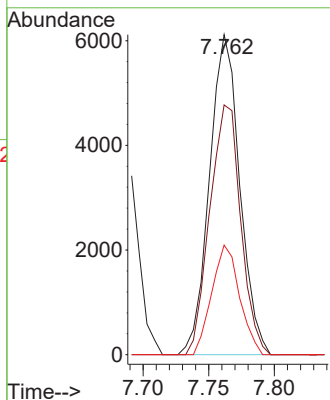
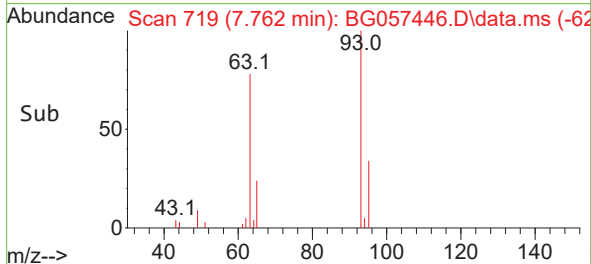
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 93 Resp: 9810
Ion Ratio Lower Upper
93 100
63 78.1 58.6 98.6
95 34.3 12.2 52.2

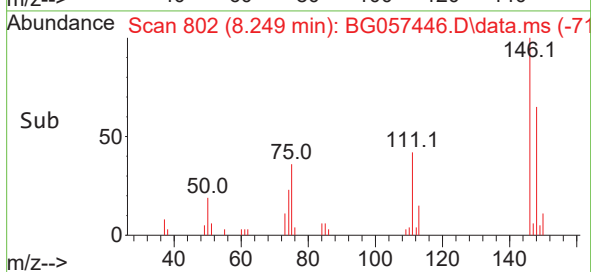
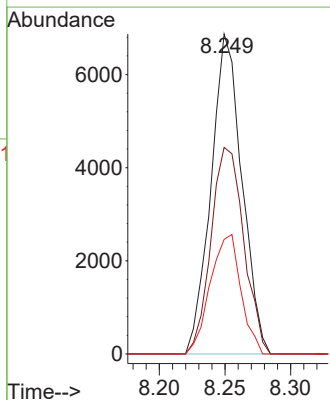
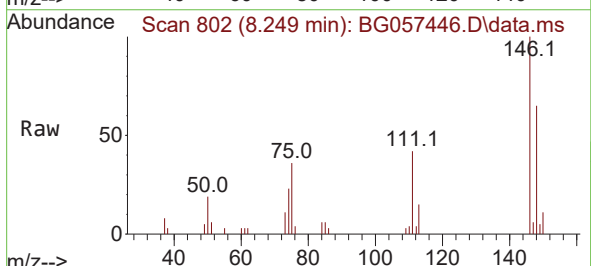
Manual Integrations
APPROVED

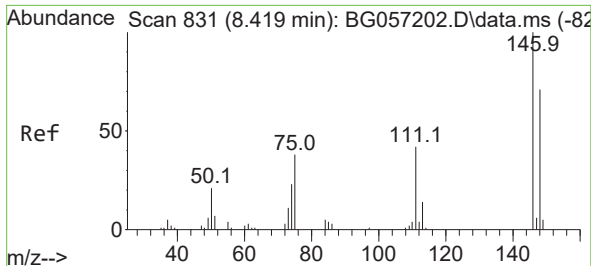
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#12
1,3-Dichlorobenzene
Concen: 9.875 ng
RT: 8.249 min Scan# 802
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Tgt Ion:146 Resp: 11258
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.2
75 35.8 31.7 47.5





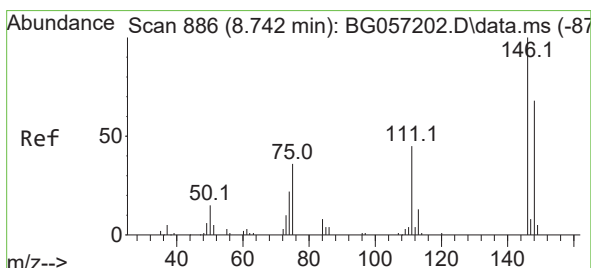
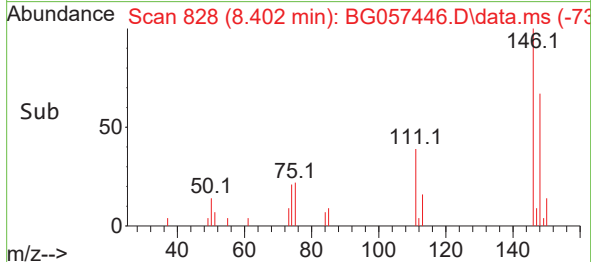
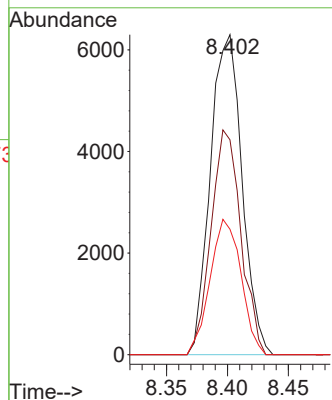
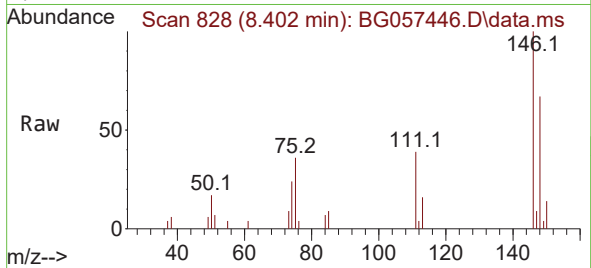
#13
1,4-Dichlorobenzene
Concen: 9.934 ng
RT: 8.402 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:146 Resp: 11370
Ion Ratio Lower Upper
146 100
148 67.2 56.4 84.6
111 39.2 33.8 50.6

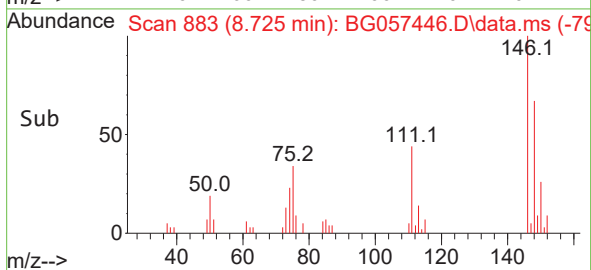
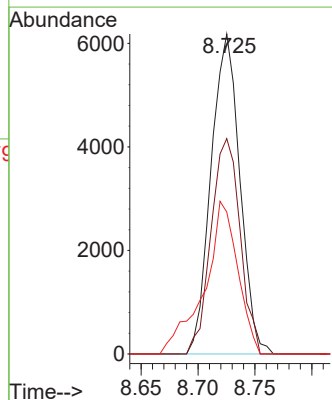
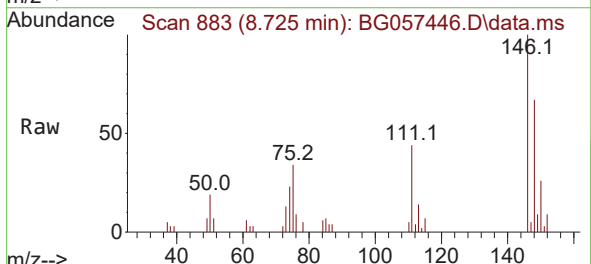
Manual Integrations
APPROVED

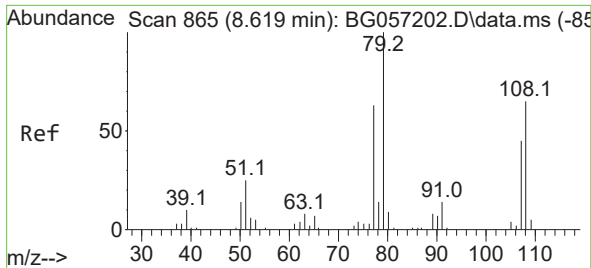
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#14
1,2-Dichlorobenzene
Concen: 9.827 ng
RT: 8.725 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

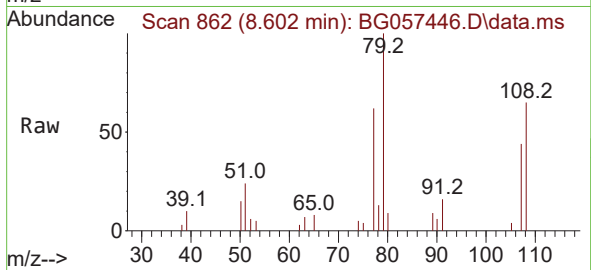
Tgt Ion:146 Resp: 10864
Ion Ratio Lower Upper
146 100
148 67.3 54.6 82.0
111 44.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 7.997 ng
RT: 8.602 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

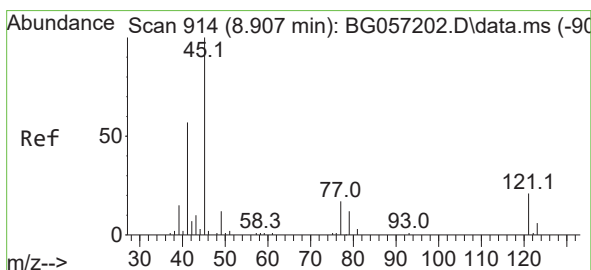
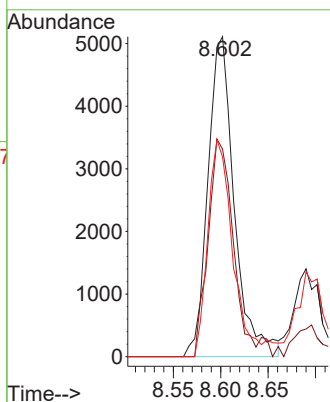
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 79	Resp: 9890
Ion Ratio	Lower Upper
79 100	
108 64.9	52.2 78.2
77 62.4	50.1 75.1

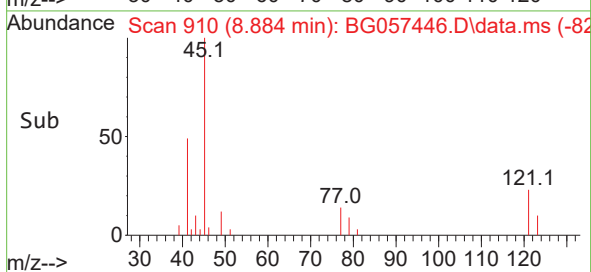
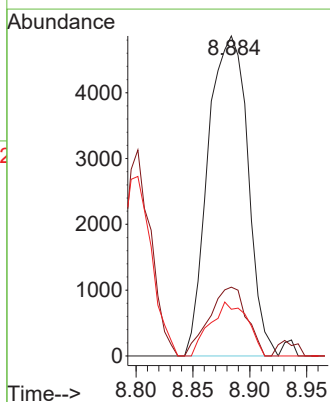
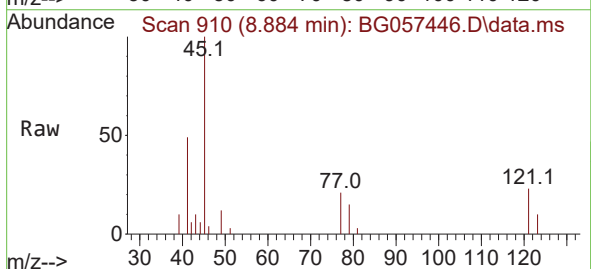
Manual Integrations
APPROVED

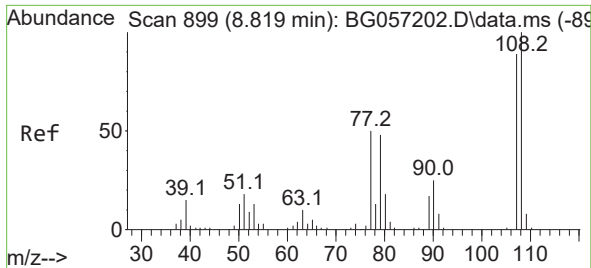
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.589 ng
RT: 8.884 min Scan# 910
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

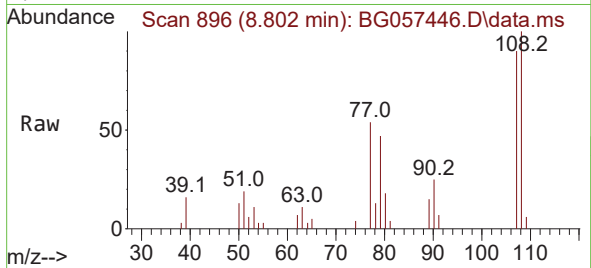
Tgt Ion: 45	Resp: 11812
Ion Ratio	Lower Upper
45 100	
77 21.5	0.0 38.5
79 14.6	0.0 33.8





#17
2-Methylphenol
Concen: 9.052 ng
RT: 8.802 min Scan# 896
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

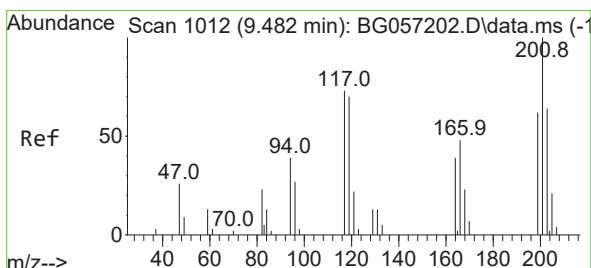
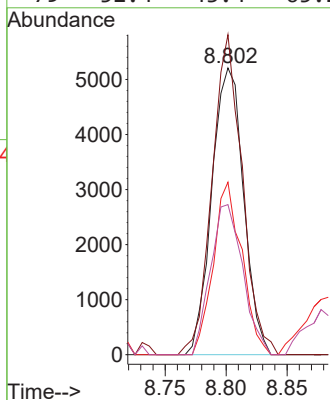
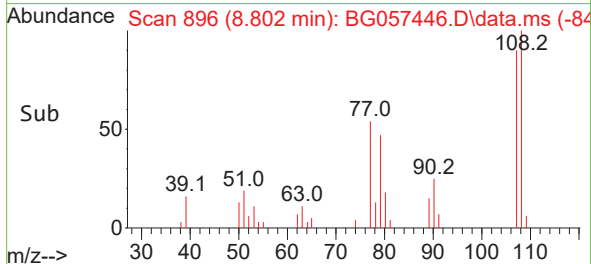
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2023



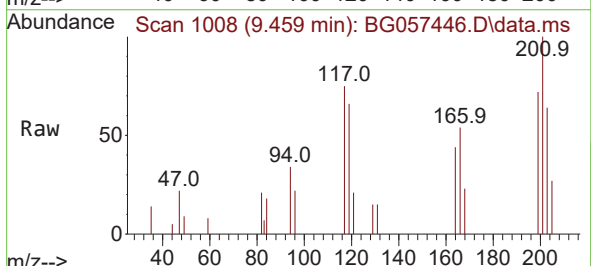
Tgt Ion:	107	Resp:	944
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.5	134.3
77	60.2	45.1	67.7
79	52.4	43.4	65.2

Manual Integrations
APPROVED

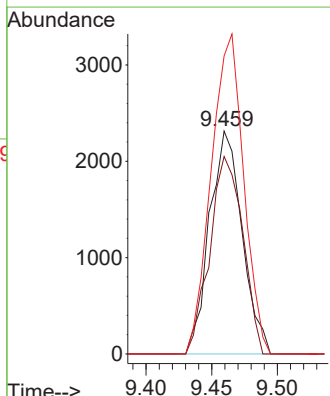
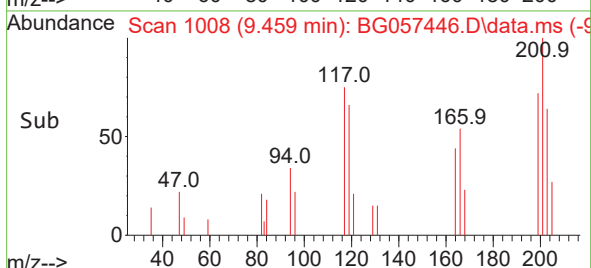
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

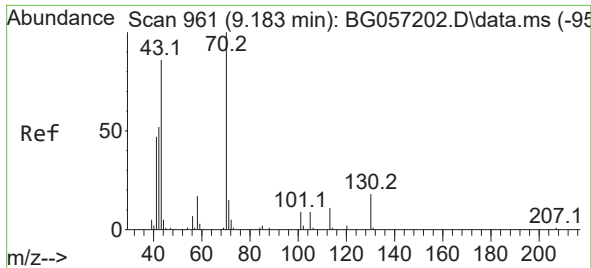


#18
Hexachloroethane
Concen: 9.670 ng
RT: 9.459 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



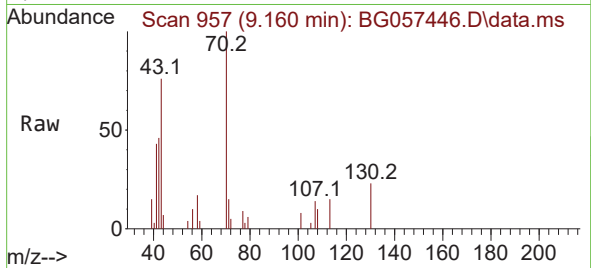
Tgt Ion:	117	Resp:	3996
Ion	Ratio	Lower	Upper
117	100		
119	88.6	76.7	115.1
201	133.8	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 8.145 ng
RT: 9.160 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

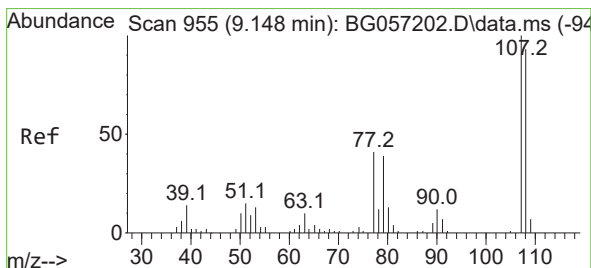
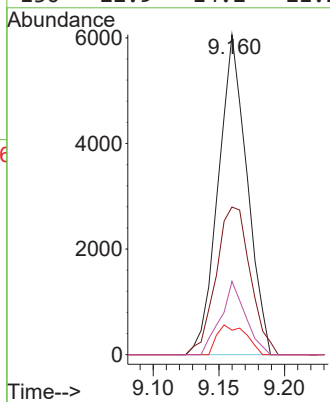
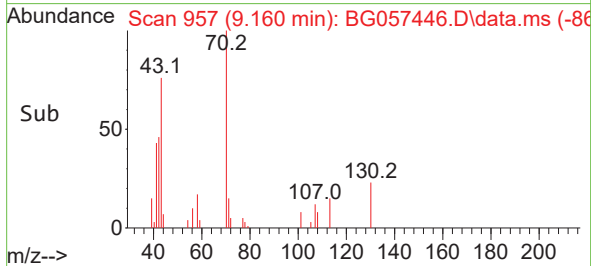
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 70 Resp: 9219
Ion Ratio Lower Upper
70 100
42 46.1 41.8 62.8
101 7.7 6.8 10.2
130 22.9 14.2 21.2#

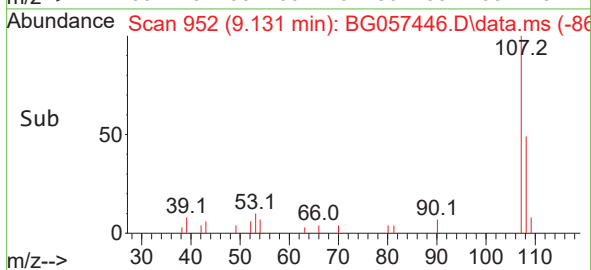
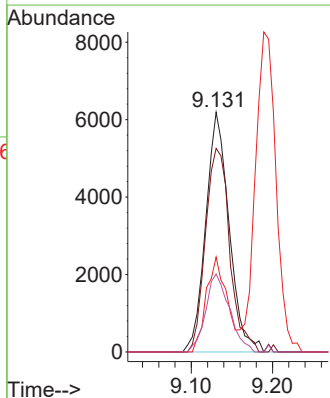
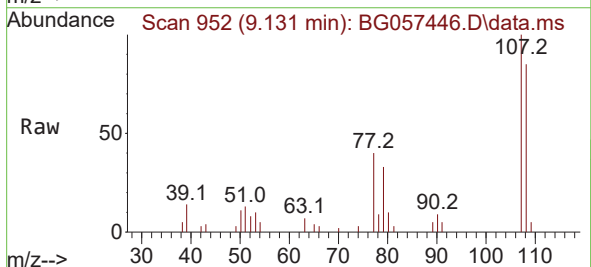
Manual Integrations
APPROVED

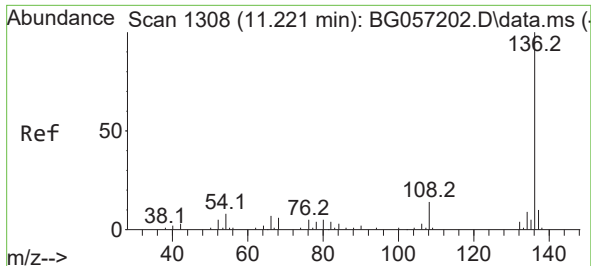
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#20
3+4-Methylphenols
Concen: 8.718 ng
RT: 9.131 min Scan# 952
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

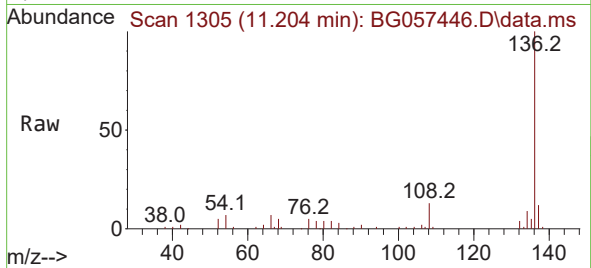
Tgt Ion:107 Resp: 12452
Ion Ratio Lower Upper
107 100
108 84.9 73.5 113.5
77 39.6 21.1 61.1
79 32.5 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

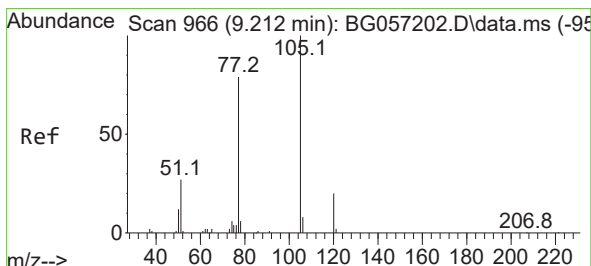
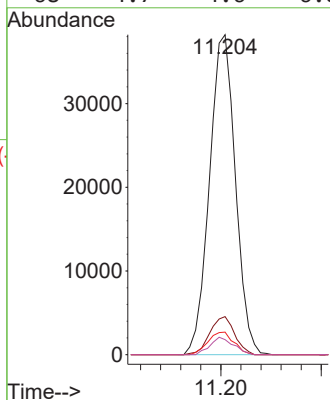
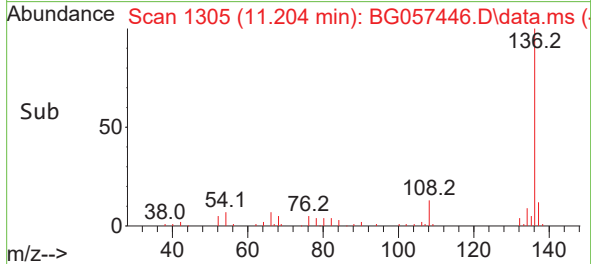
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:136 Resp: 68604
Ion Ratio Lower Upper
136 100
137 11.9 8.3 12.5
54 7.0 6.7 10.1
68 4.7 4.6 6.8

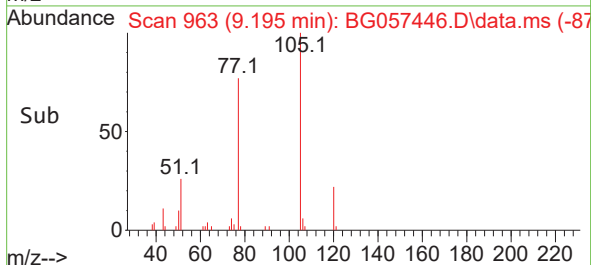
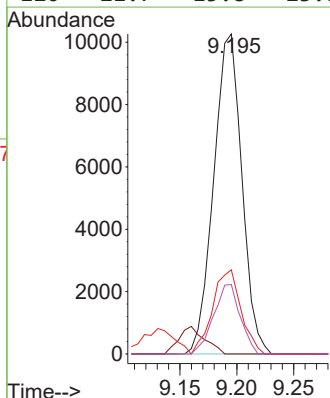
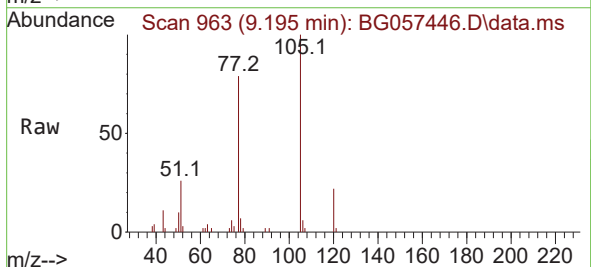
Manual Integrations
APPROVED

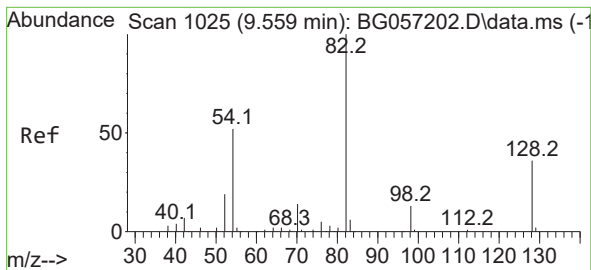
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 8.991 ng
RT: 9.195 min Scan# 963
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Tgt Ion:105 Resp: 17655
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 26.3 24.0 36.0
120 21.7 15.8 23.8





#23

Nitrobenzene-d5

Concen: 73.032 ng

RT: 9.542 min Scan# 1022

Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

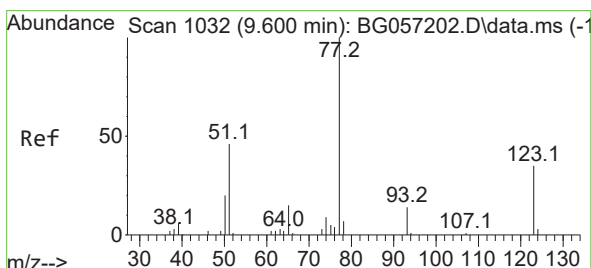
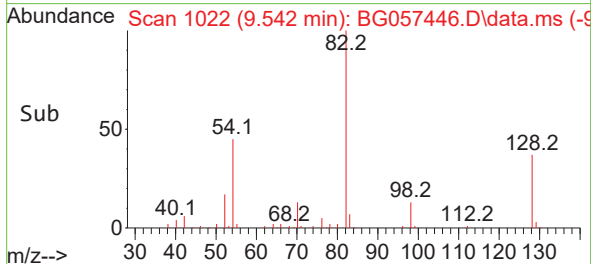
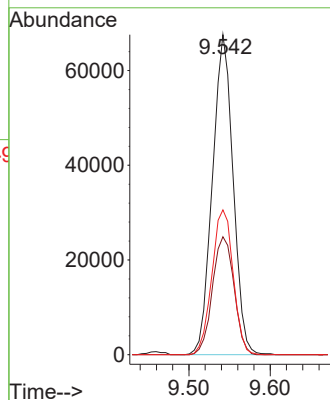
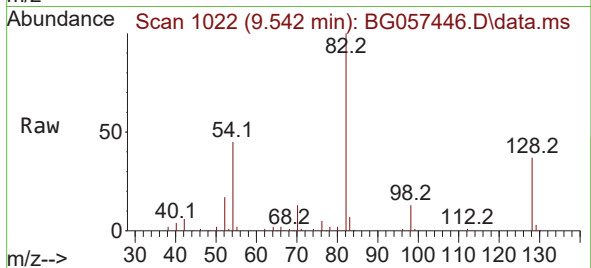
LOQ-WATER-02-QT2-2023

Tgt Ion: 82 Resp: 119370
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.0 43.4
 54 45.2 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#24

Nitrobenzene

Concen: 9.148 ng

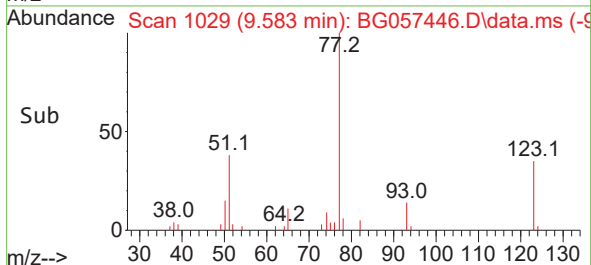
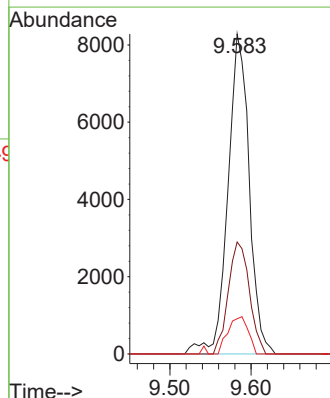
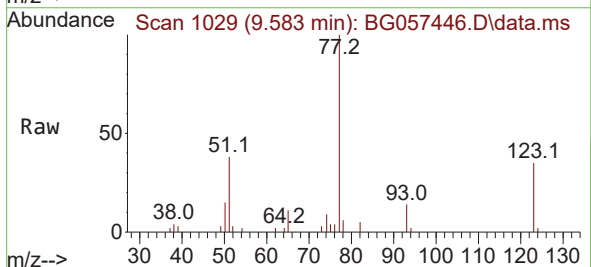
RT: 9.583 min Scan# 1029

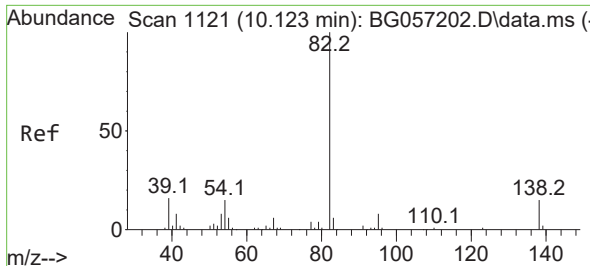
Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

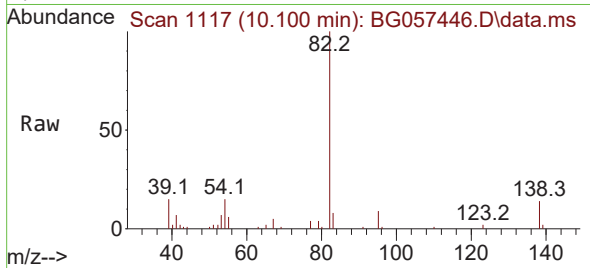
Tgt Ion: 77 Resp: 15092
 Ion Ratio Lower Upper
 77 100
 123 35.0 28.2 42.2
 65 11.0 11.7 17.5#





#25
Isophorone
Concen: 7.990 ng
RT: 10.100 min Scan# 1117
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

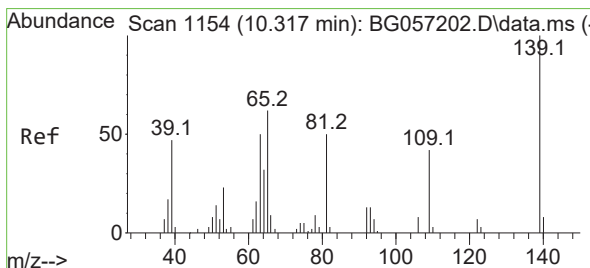
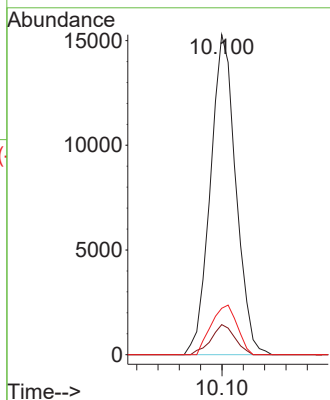
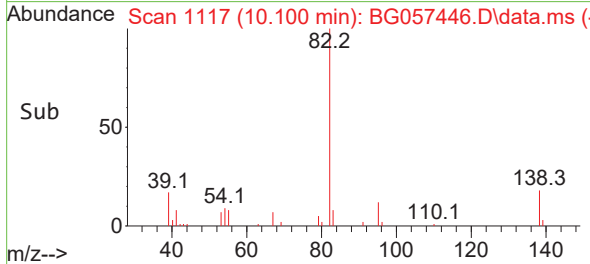
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 82 Resp: 25324
Ion Ratio Lower Upper
82 100
95 9.4 6.4 9.6
138 14.5 12.3 18.5

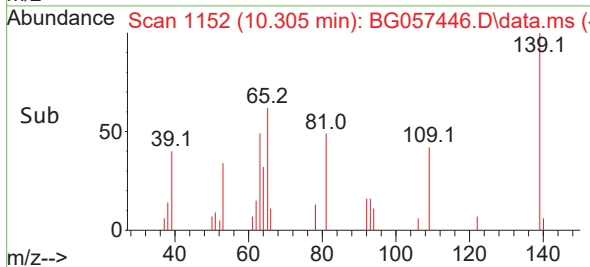
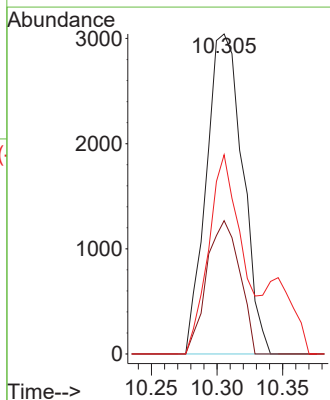
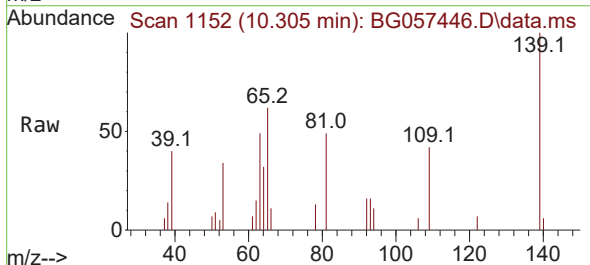
Manual Integrations
APPROVED

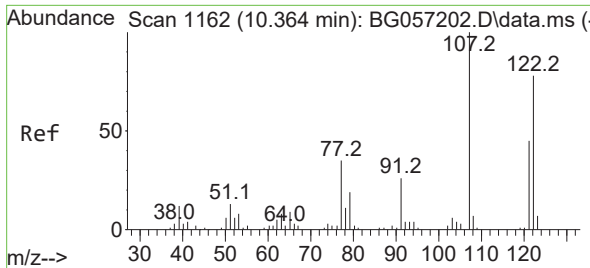
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#26
2-Nitrophenol
Concen: 9.305 ng
RT: 10.305 min Scan# 1152
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

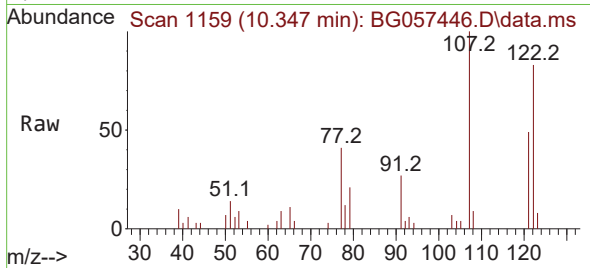
Tgt Ion:139 Resp: 5876
Ion Ratio Lower Upper
139 100
109 41.6 33.4 50.2
65 62.2 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 8.955 ng
RT: 10.347 min Scan# 1159
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

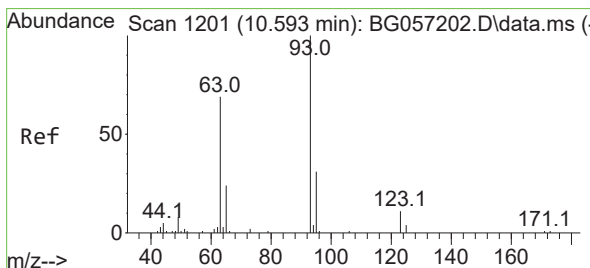
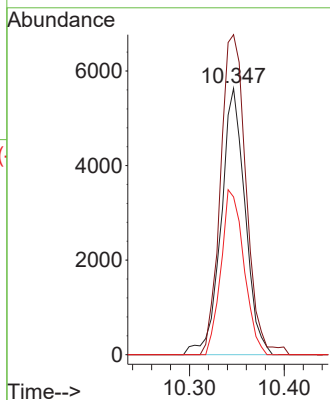
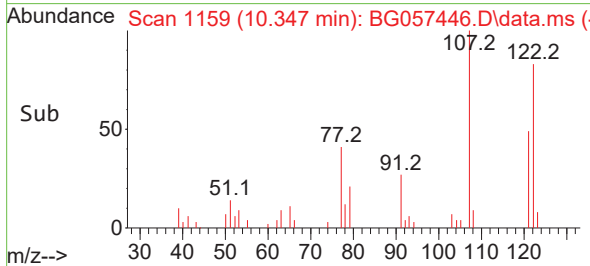
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:122 Resp: 990
Ion Ratio Lower Upper
122 100
107 120.2 103.0 154.4
121 59.2 45.9 68.9

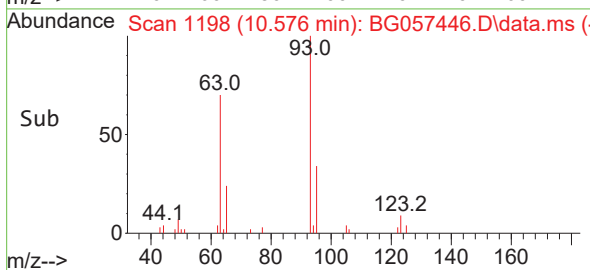
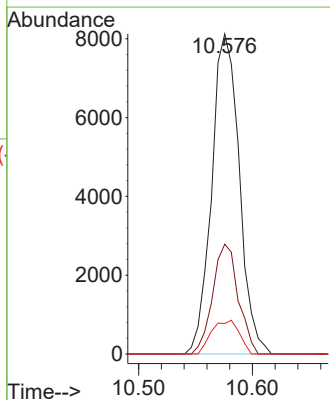
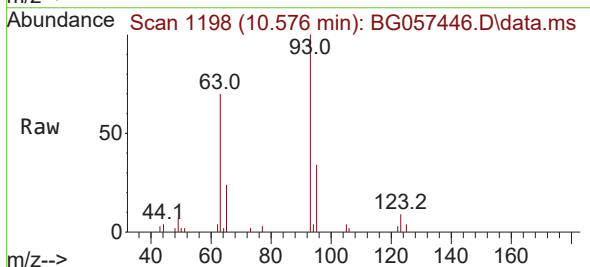
Manual Integrations
APPROVED

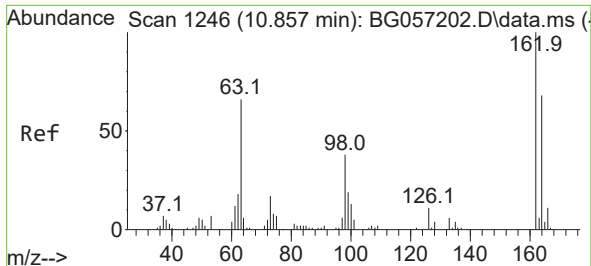
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#28
bis(2-Chloroethoxy)methane
Concen: 8.632 ng
RT: 10.576 min Scan# 1198
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Tgt Ion: 93 Resp: 13707
Ion Ratio Lower Upper
93 100
95 34.3 25.0 37.6
123 9.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 9.631 ng

RT: 10.852 min Scan# 1129

Delta R.T. 0.009 min

Lab File: BG057446.D

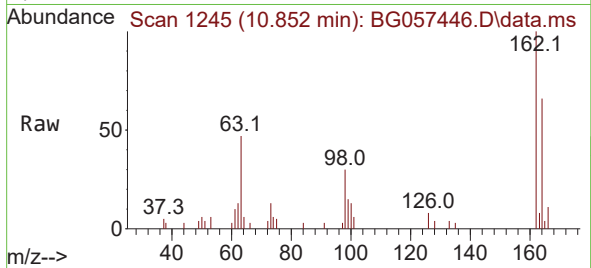
Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

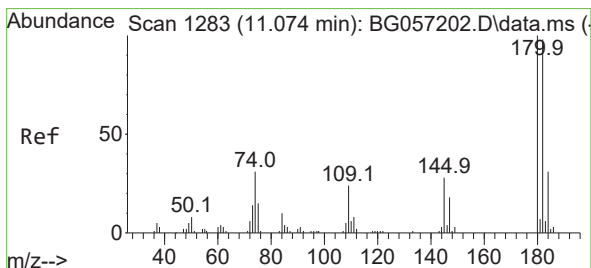
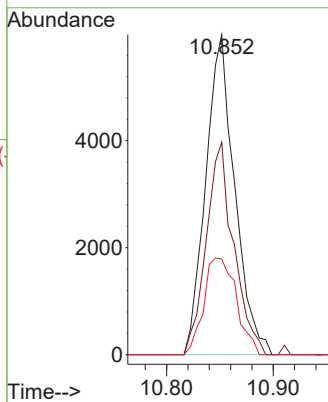
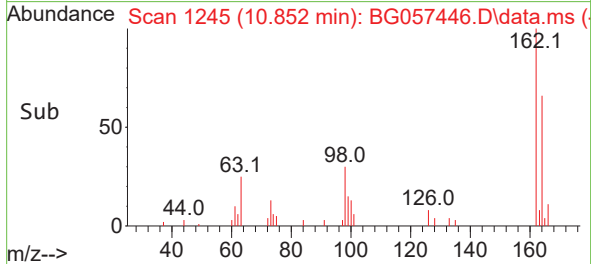


Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.4	88.4
98	29.9	17.6	57.6

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Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 9.472 ng

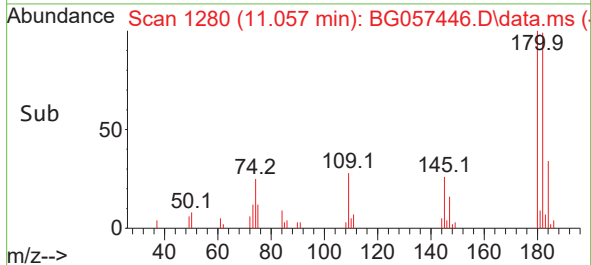
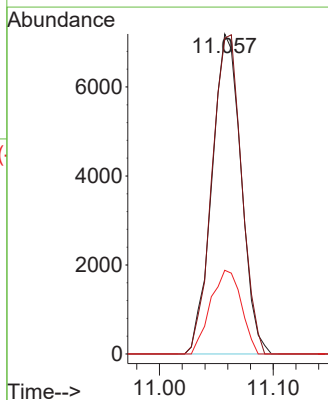
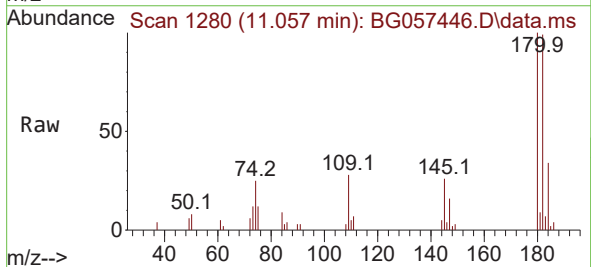
RT: 11.057 min Scan# 1280

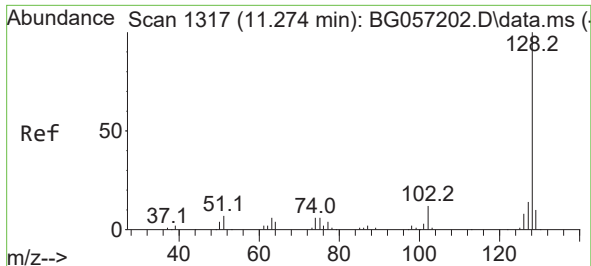
Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

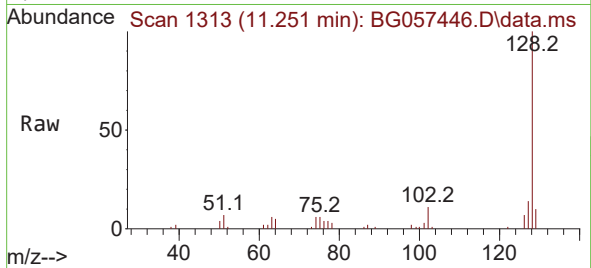
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	78.0	117.0
145	26.1	22.4	33.6





#31
Naphthalene
Concen: 9.052 ng
RT: 11.251 min Scan# 1190
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

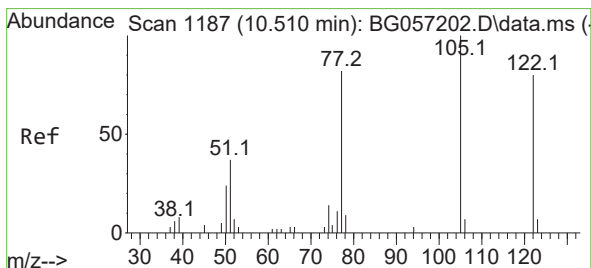
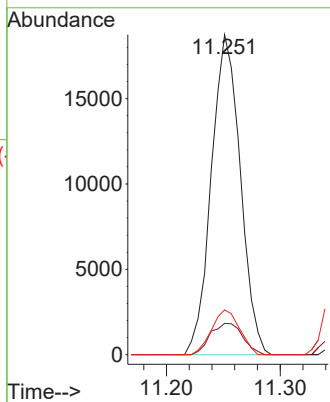
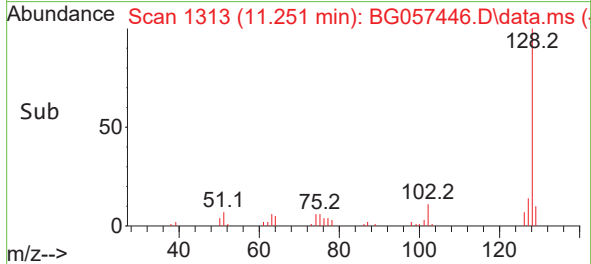
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



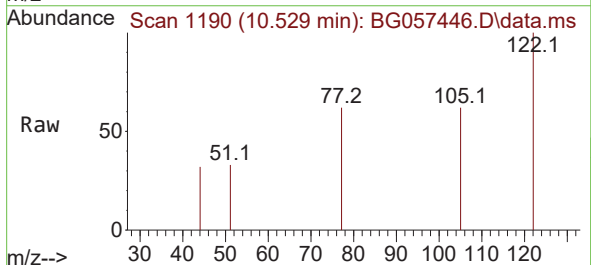
Tgt Ion:128 Resp: 33198
Ion Ratio Lower Upper
128 100
129 9.8 8.3 12.5
127 14.0 11.1 16.7

Manual Integrations
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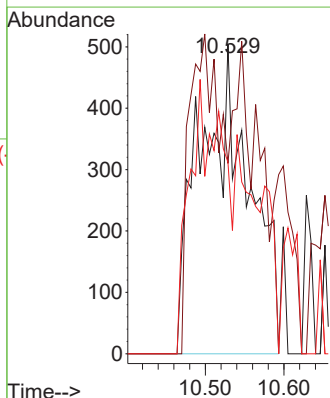
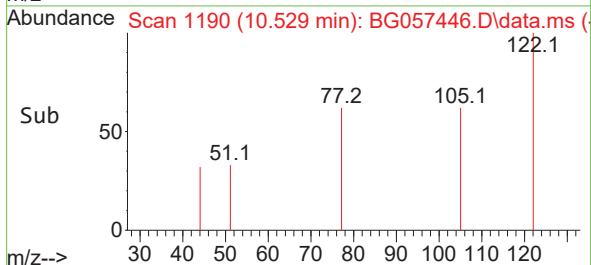
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

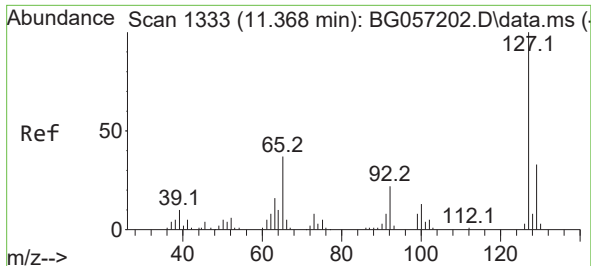


#32
Benzoic acid
Concen: 7.811 ng m
RT: 10.529 min Scan# 1190
Delta R.T. 0.039 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



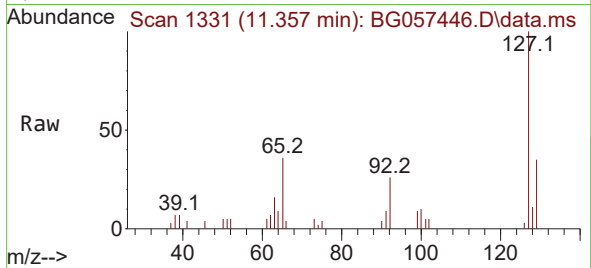
Tgt Ion:122 Resp: 2188
Ion Ratio Lower Upper
122 100
105 61.5 105.2 145.2#
77 61.9 83.1 123.1#





#33
4-Chloroaniline
Concen: 8.519 ng
RT: 11.357 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

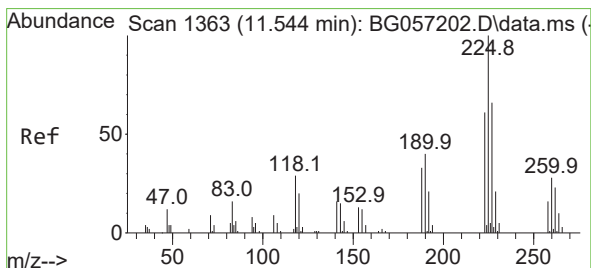
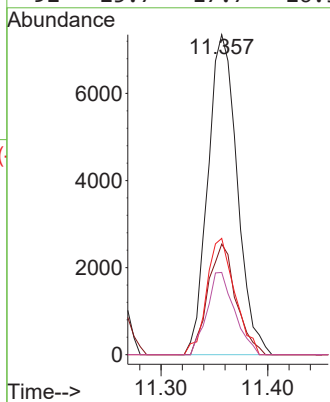
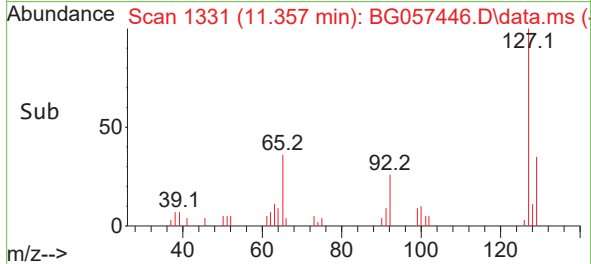
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



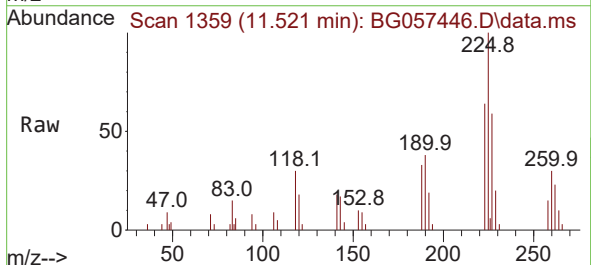
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.7	40.1
65	36.4	29.7	44.5
92	25.7	17.7	26.5

Manual Integrations
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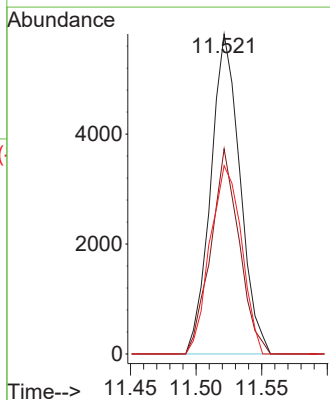
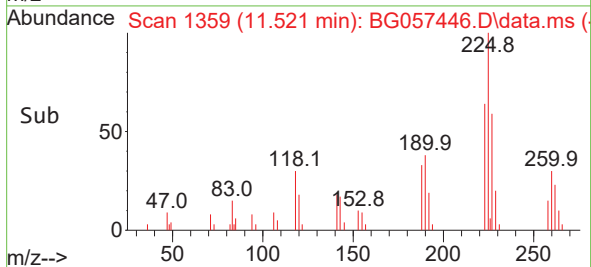
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

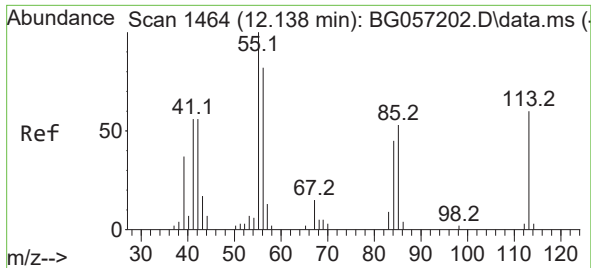


#34
Hexachlorobutadiene
Concen: 9.000 ng
RT: 11.521 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



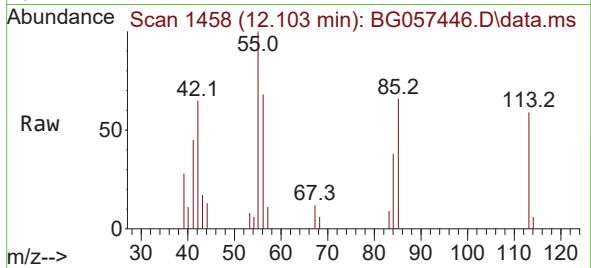
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.6	72.8
227	58.8	52.7	79.1





#35
Caprolactam
Concen: 9.271 ng
RT: 12.103 min Scan# 1464
Delta R.T. -0.026 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

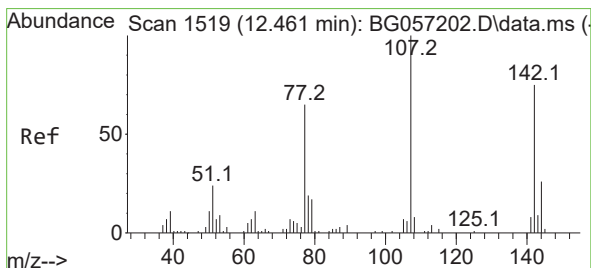
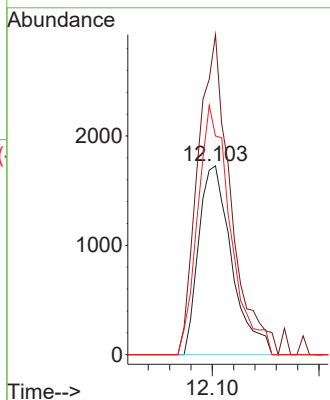
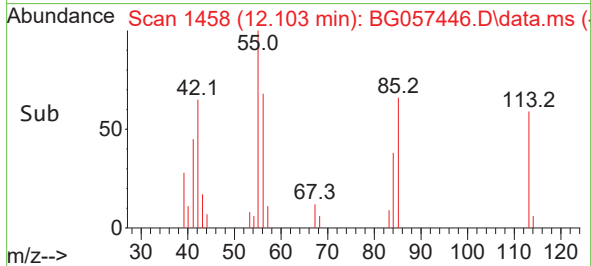
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



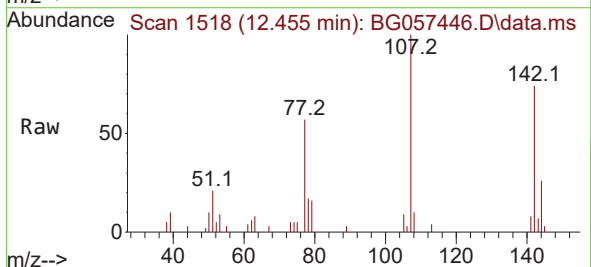
Tgt Ion:113 Resp: 3714
Ion Ratio Lower Upper
113 100
55 169.5 145.5 185.5
56 115.9 115.9 155.9

Manual Integrations
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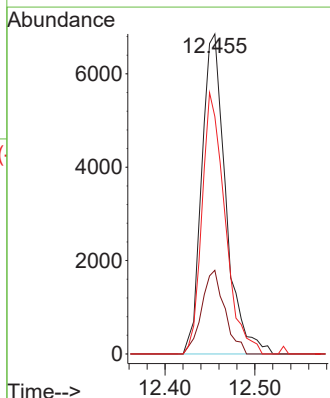
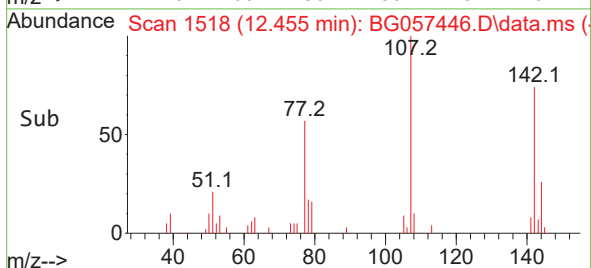
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

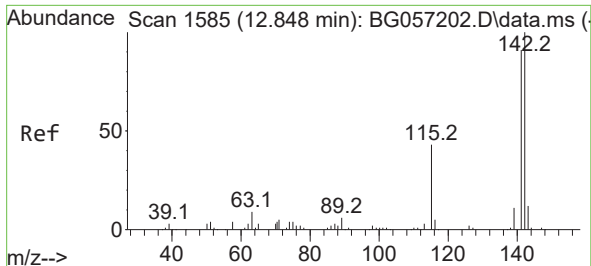


#36
4-Chloro-3-methylphenol
Concen: 9.555 ng
RT: 12.455 min Scan# 1518
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



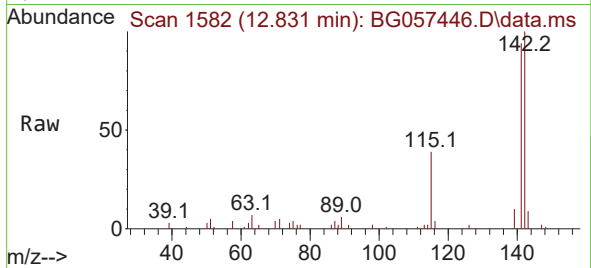
Tgt Ion:107 Resp: 12735
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.6
142 74.2 60.0 90.0





#37
2-Methylnaphthalene
Concen: 8.837 ng
RT: 12.831 min Scan# 1619
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

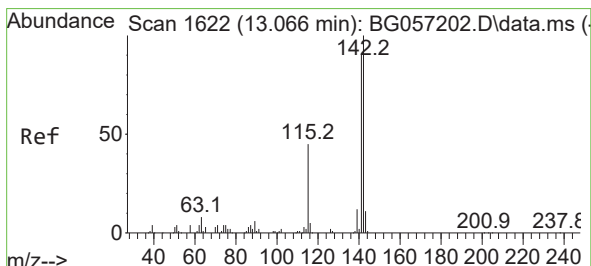
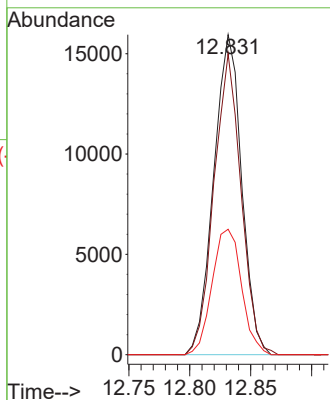
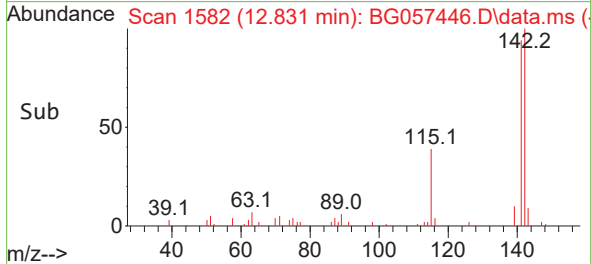
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:142 Resp: 2548
Ion Ratio Lower Upper
142 100
141 94.0 73.1 109.7
115 39.2 34.6 52.0

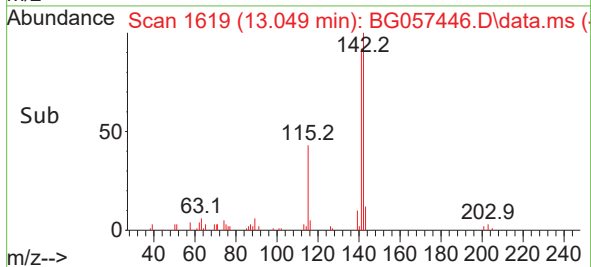
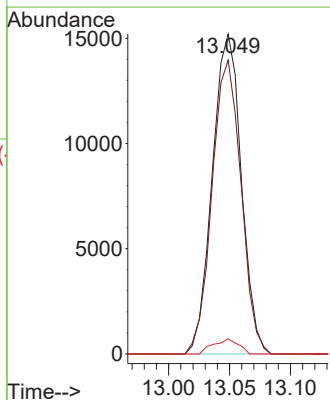
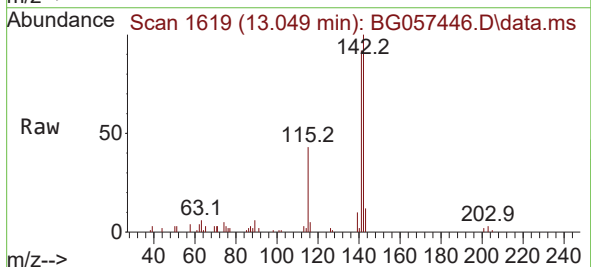
Manual Integrations
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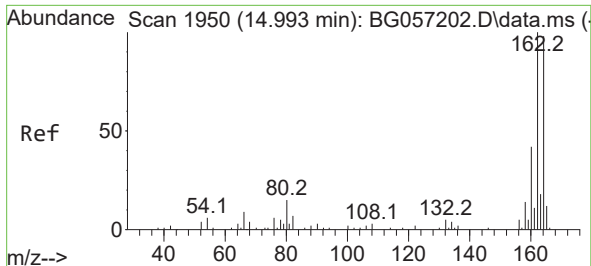
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#38
1-Methylnaphthalene
Concen: 9.233 ng
RT: 13.049 min Scan# 1619
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

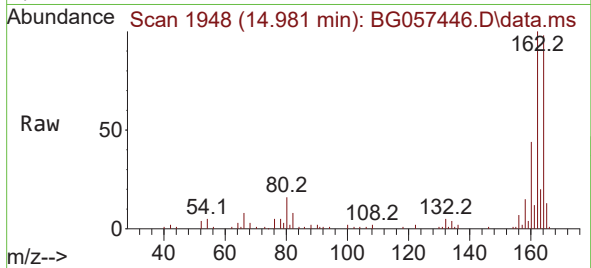
Tgt Ion:142 Resp: 25096
Ion Ratio Lower Upper
142 100
141 91.8 72.5 108.7
116 4.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1948
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

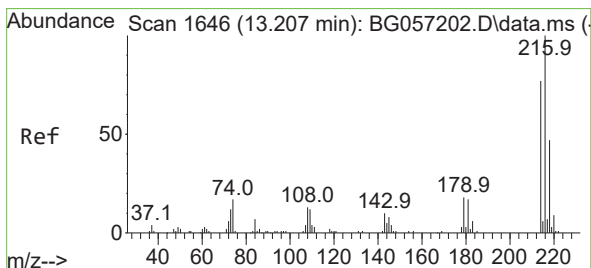
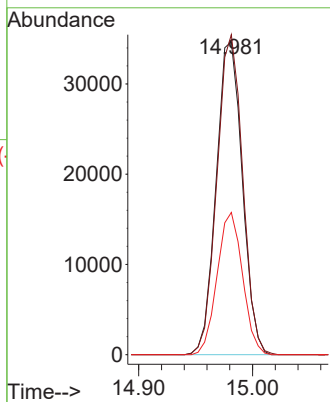
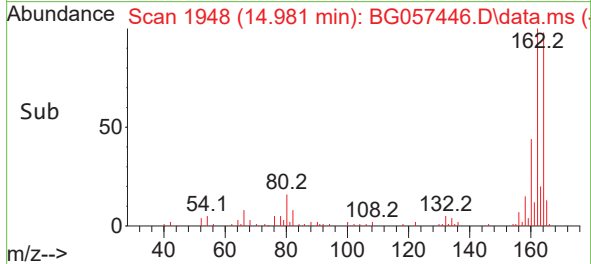
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:164 Resp: 55398
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.5 34.6 52.0

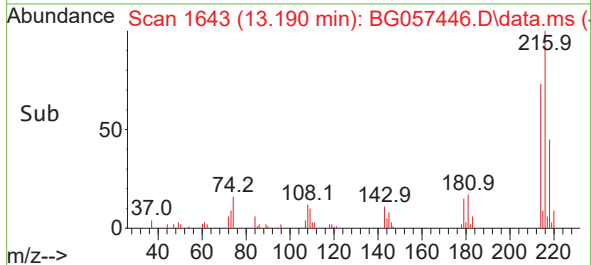
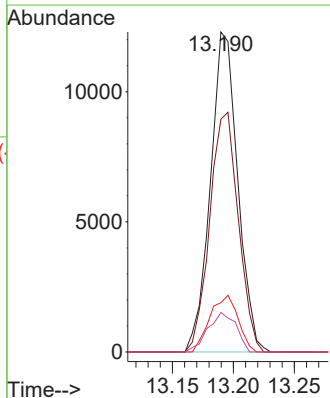
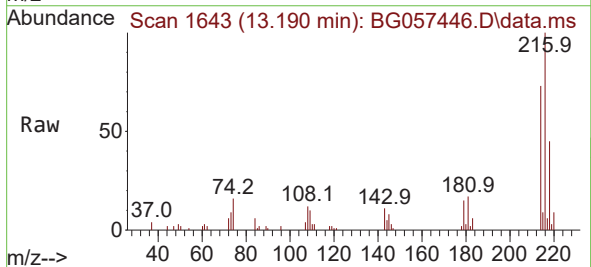
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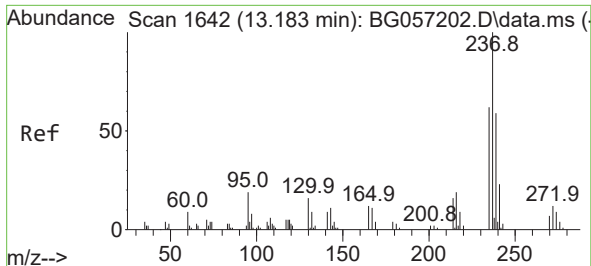
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.751 ng
RT: 13.190 min Scan# 1643
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

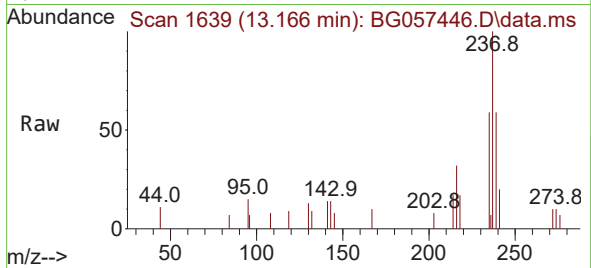
Tgt Ion:216 Resp: 19178
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 18.2 14.6 22.0
108 12.7 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 9.273 ng
RT: 13.166 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

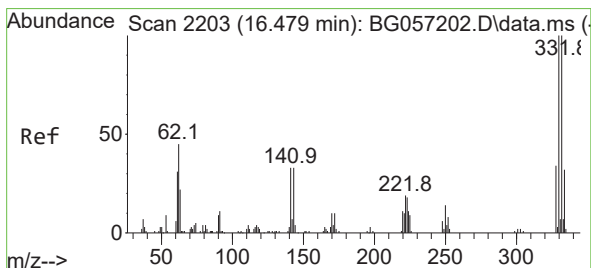
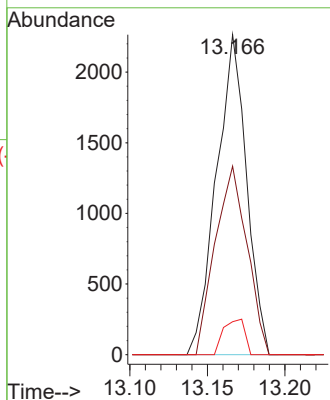
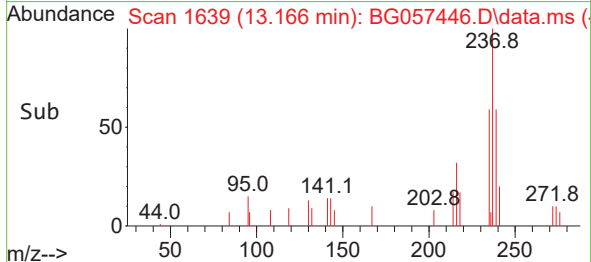
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



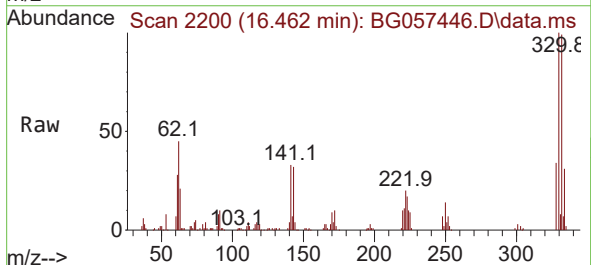
Tgt Ion:237 Resp: 3050
Ion Ratio Lower Upper
237 100
235 58.9 42.0 82.0
272 10.3 0.0 31.5

Manual Integrations
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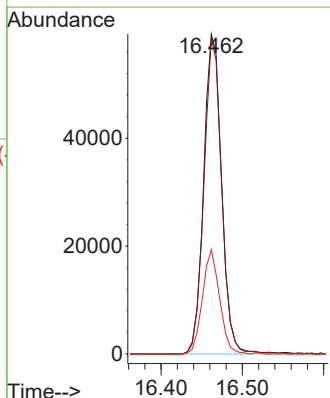
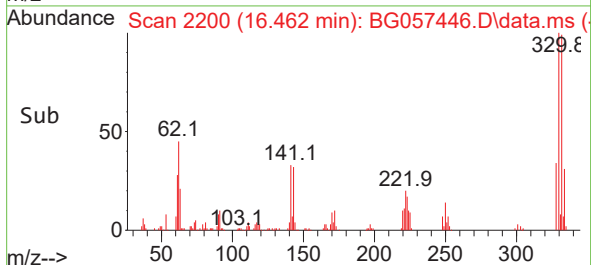
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

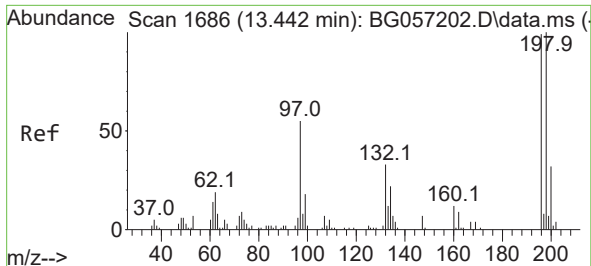


#42
2,4,6-Tribromophenol
Concen: 115.329 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



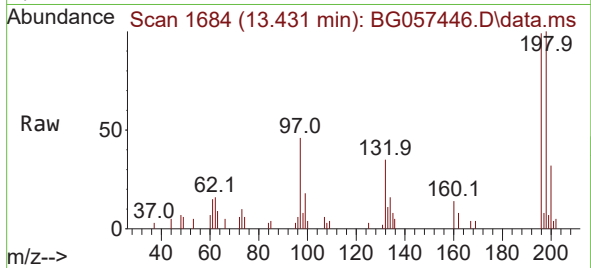
Tgt Ion:330 Resp: 90655
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 31.0 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 9.064 ng
RT: 13.431 min Scan# 1684
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

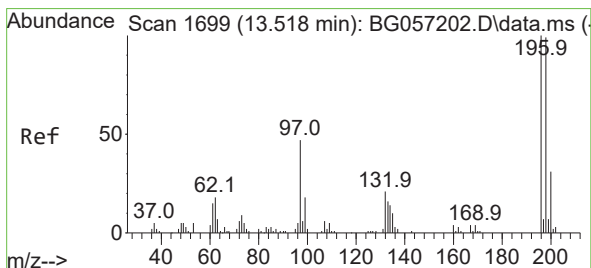
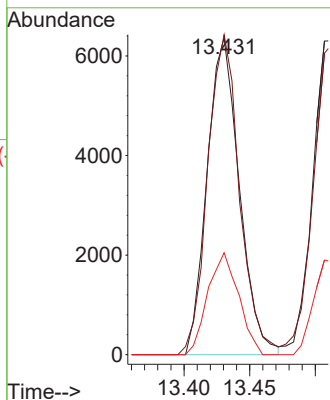
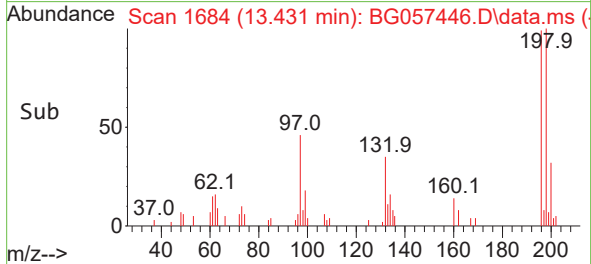
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



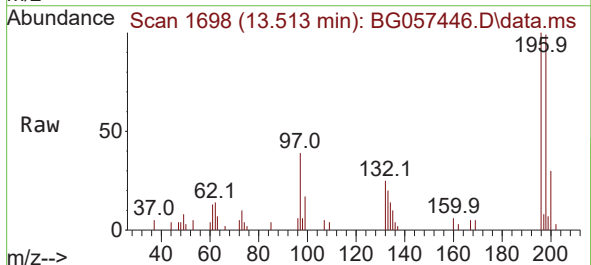
Tgt Ion:196 Resp: 10860
Ion Ratio Lower Upper
196 100
198 101.0 81.2 121.8
200 32.2 26.3 39.5

Manual Integrations
APPROVED

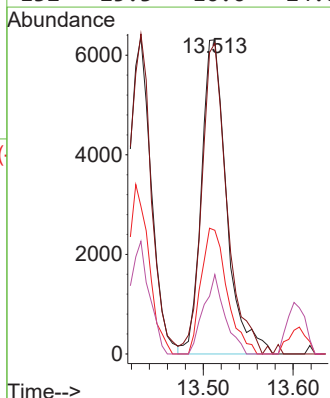
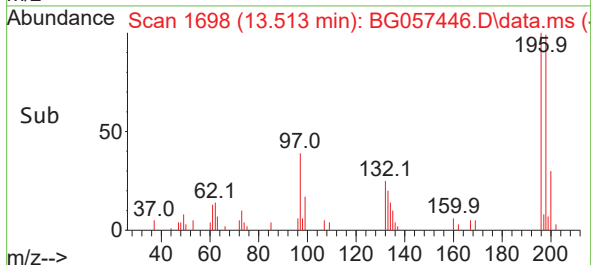
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

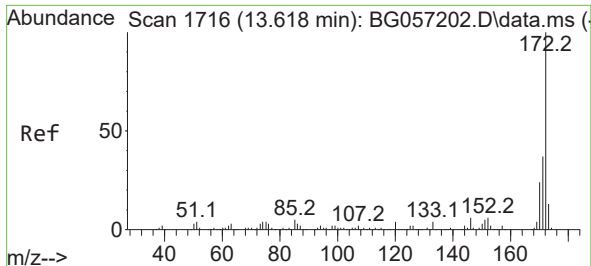


#44
2,4,5-Trichlorophenol
Concen: 8.699 ng
RT: 13.513 min Scan# 1698
Delta R.T. 0.009 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



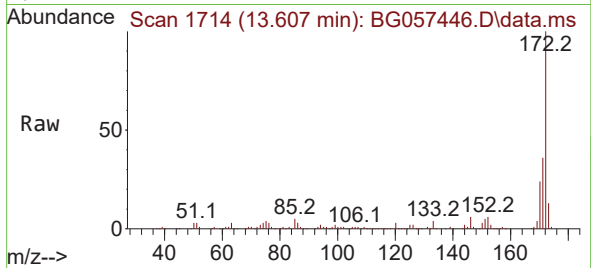
Tgt Ion:196 Resp: 12260
Ion Ratio Lower Upper
196 100
198 98.9 79.4 119.2
97 39.4 37.0 55.4
132 25.3 16.6 24.8#





#45
2-Fluorobiphenyl
Concen: 76.965 ng
RT: 13.607 min Scan# 1714
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

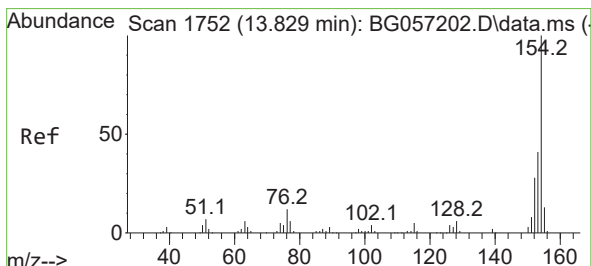
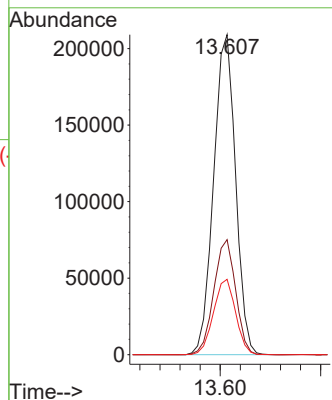
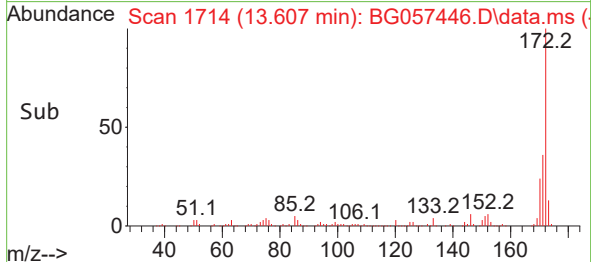
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



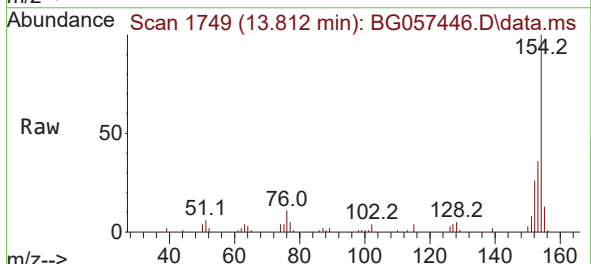
Tgt Ion:172 Resp: 316588
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.5 19.0 28.6

Manual Integrations
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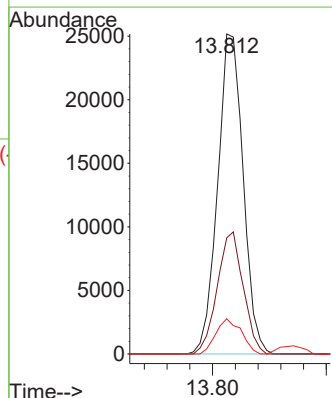
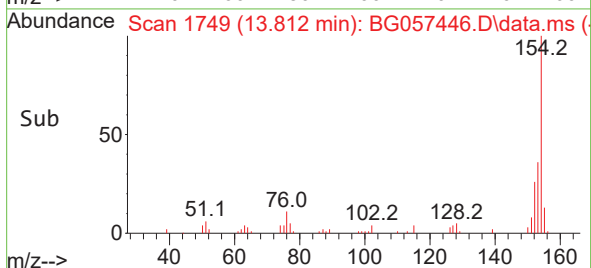
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

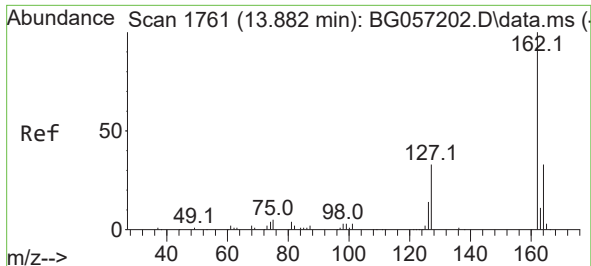


#46
1,1'-Biphenyl
Concen: 9.526 ng
RT: 13.812 min Scan# 1749
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



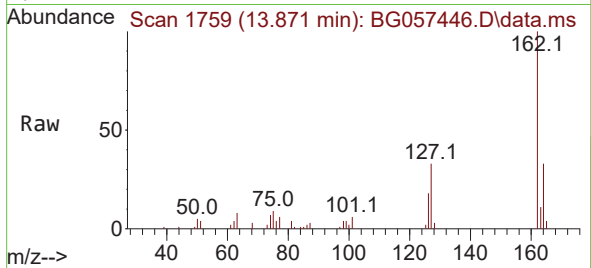
Tgt Ion:154 Resp: 39159
Ion Ratio Lower Upper
154 100
153 36.3 20.9 60.9
76 11.0 0.0 31.7





#47
2-Chloronaphthalene
Concen: 9.376 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

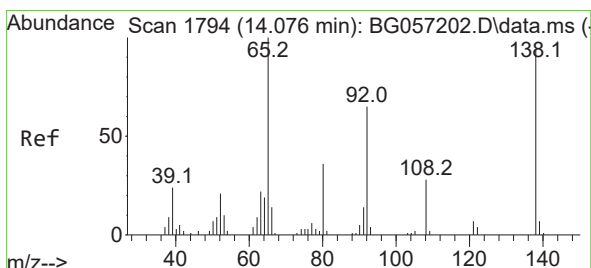
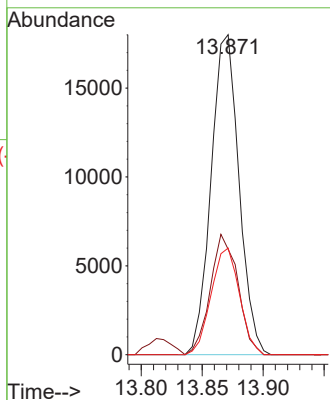
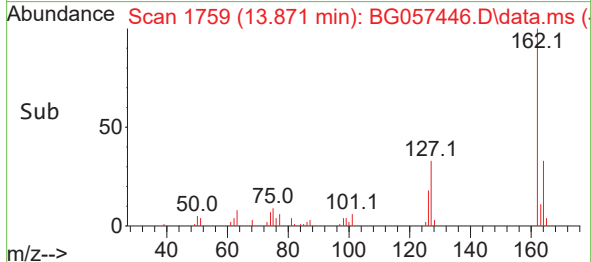
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



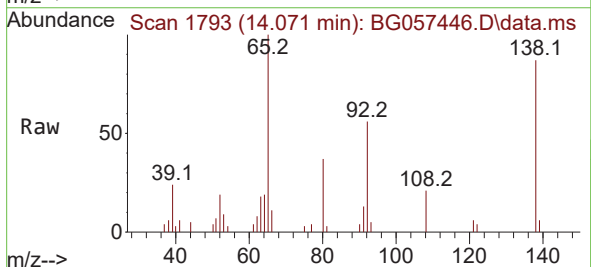
Tgt Ion:162 Resp: 2866
Ion Ratio Lower Upper
162 100
127 33.0 29.8 44.6
164 33.3 26.6 40.0

Manual Integrations
APPROVED

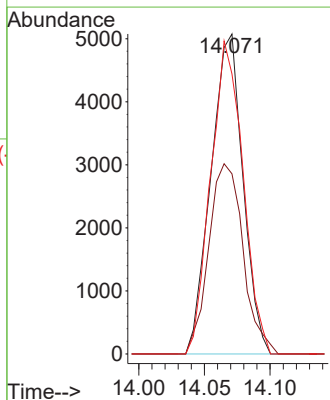
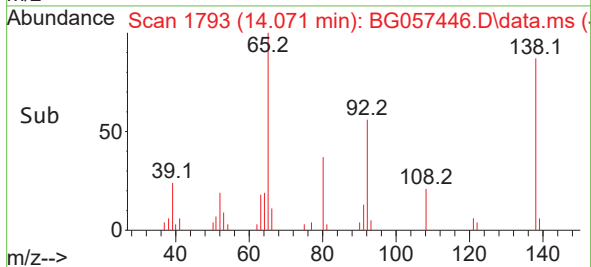
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

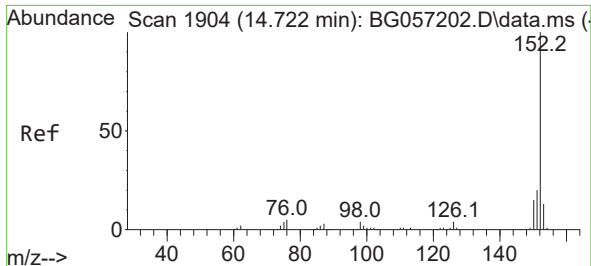


#48
2-Nitroaniline
Concen: 8.280 ng
RT: 14.071 min Scan# 1793
Delta R.T. 0.009 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



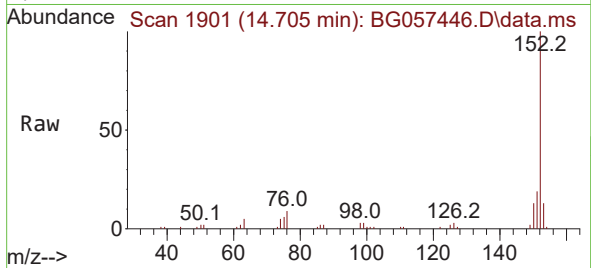
Tgt Ion: 65 Resp: 8606
Ion Ratio Lower Upper
65 100
92 56.3 52.1 78.1
138 87.5 75.3 112.9





#49
Acenaphthylene
Concen: 9.146 ng
RT: 14.705 min Scan# 1901
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

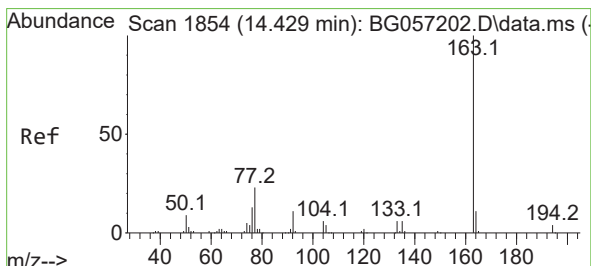
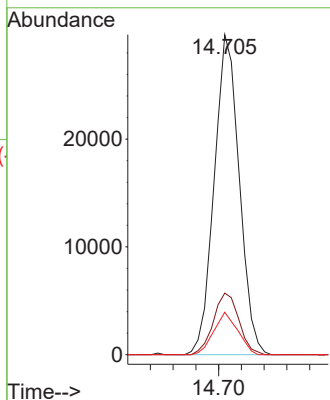
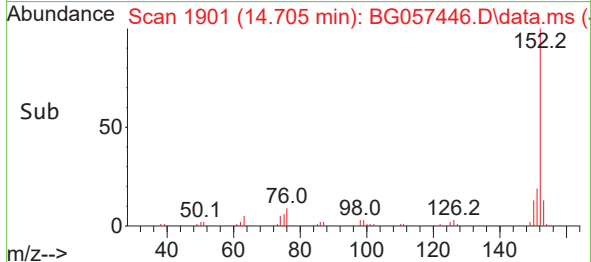
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



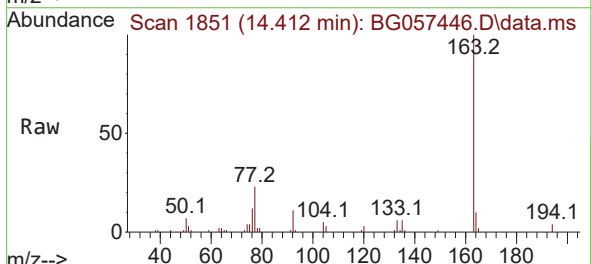
Tgt Ion:152 Resp: 45424
Ion Ratio Lower Upper
152 100
151 19.2 16.0 24.0
153 13.2 10.7 16.1

Manual Integrations
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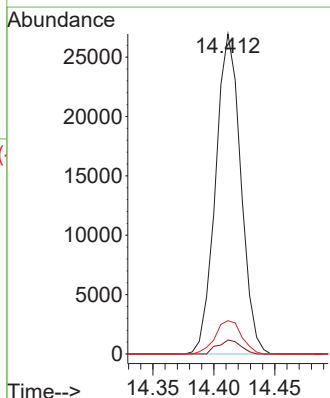
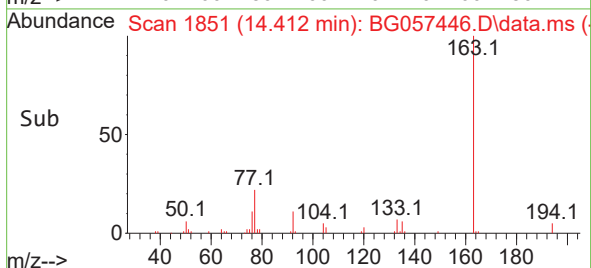
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

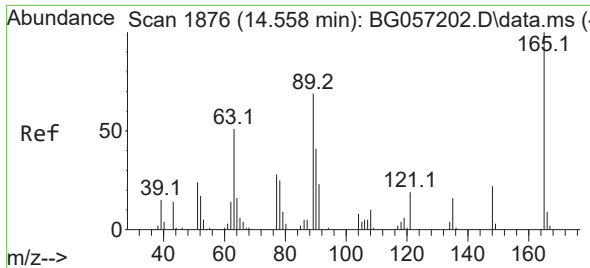


#50
Dimethylphthalate
Concen: 8.526 ng
RT: 14.412 min Scan# 1851
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



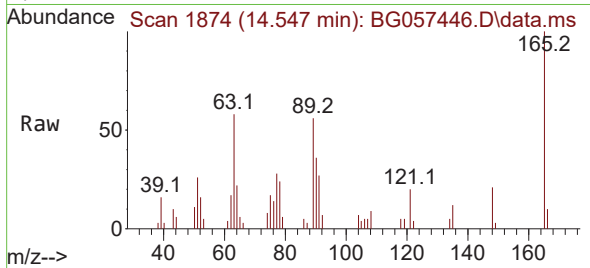
Tgt Ion:163 Resp: 38813
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.4 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 9.036 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

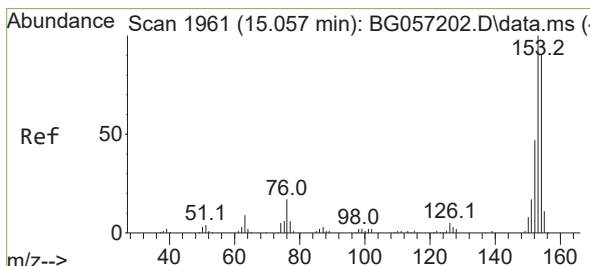
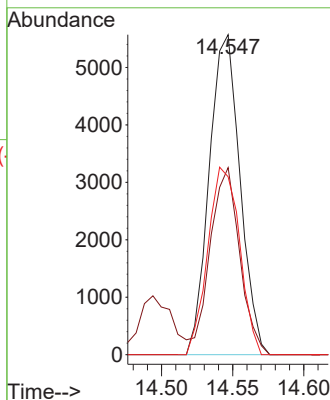
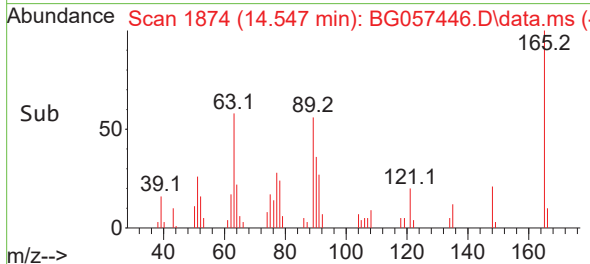
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:165 Resp: 8399
Ion Ratio Lower Upper
165 100
63 58.4 50.9 76.3
89 55.6 55.2 82.8

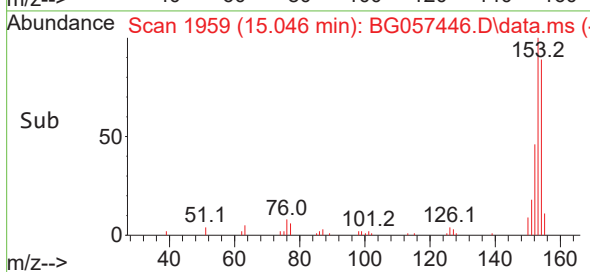
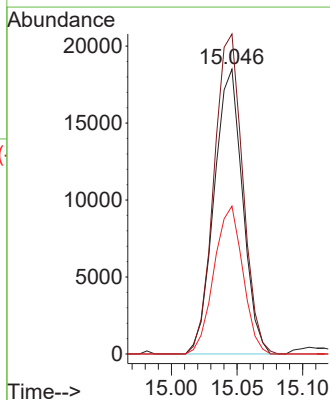
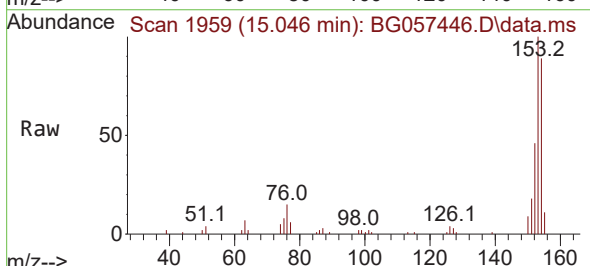
Manual Integrations
APPROVED

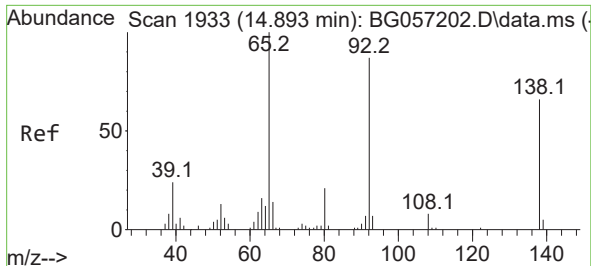
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 8.987 ng
RT: 15.046 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

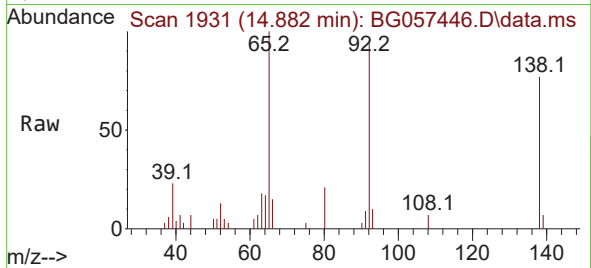
Tgt Ion:154 Resp: 27889
Ion Ratio Lower Upper
154 100
153 112.4 89.3 133.9
152 51.9 41.7 62.5





#53
3-Nitroaniline
Concen: 8.515 ng
RT: 14.882 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

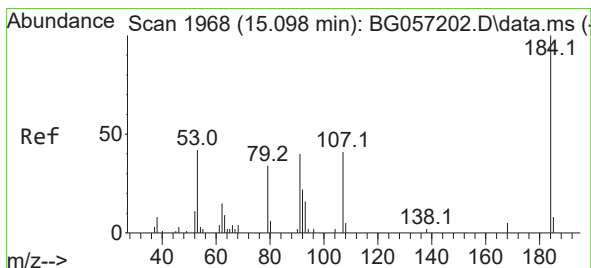
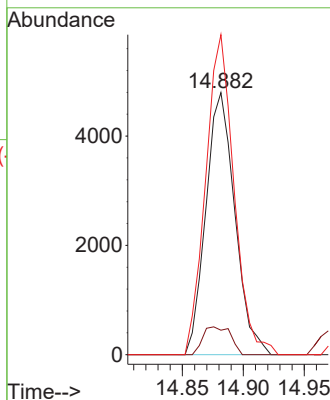
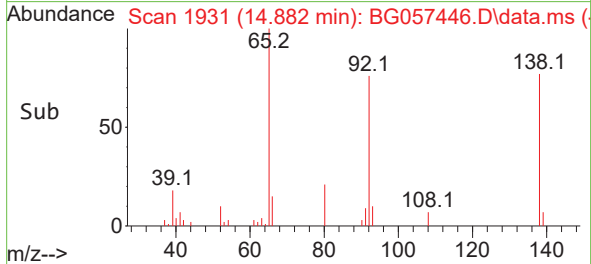
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:138 Resp: 7929
Ion Ratio Lower Upper
138 100
108 9.3 9.5 14.3
92 122.1 106.2 159.4

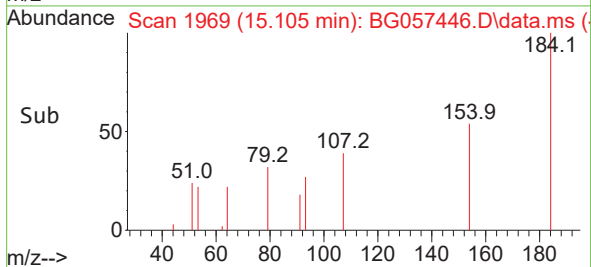
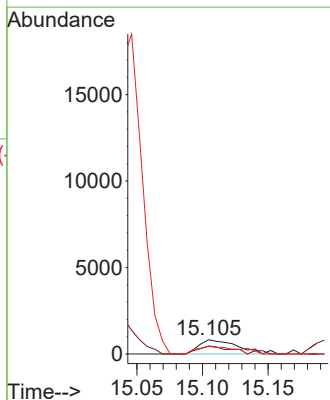
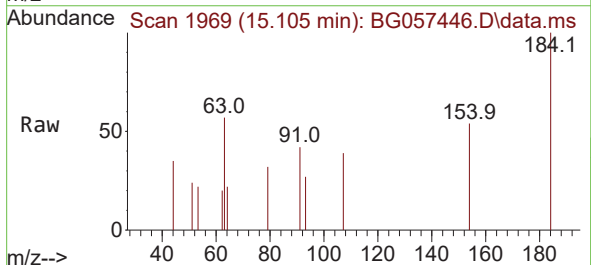
Manual Integrations
APPROVED

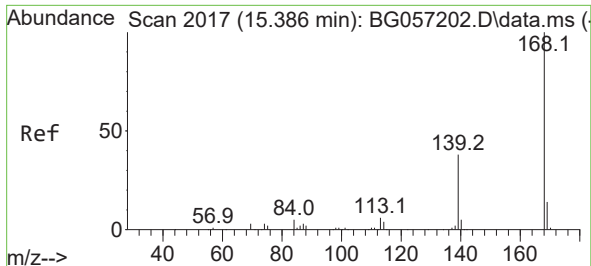
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 7.670 ng
RT: 15.105 min Scan# 1969
Delta R.T. 0.009 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

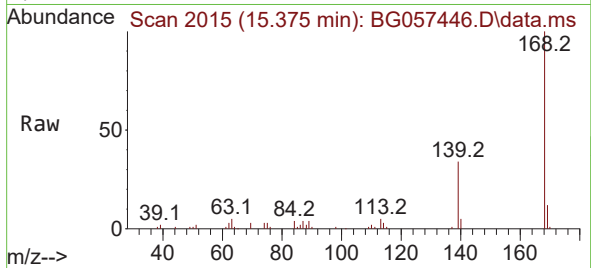
Tgt Ion:184 Resp: 1689
Ion Ratio Lower Upper
184 100
63 57.0 48.2 72.4
154 53.7 55.4 83.2#





#55
Dibenzenofuran
Concen: 9.303 ng
RT: 15.375 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

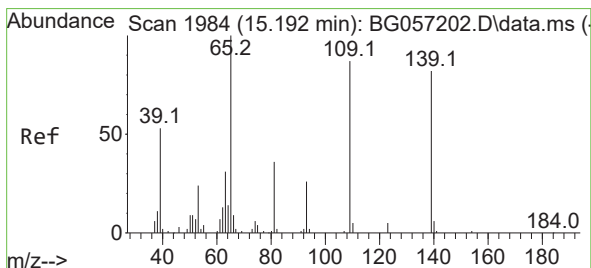
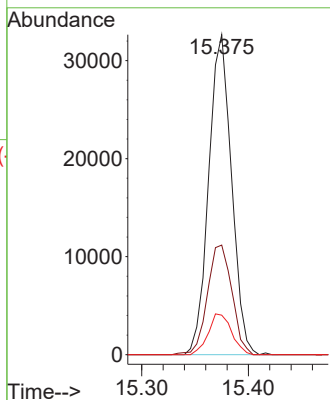
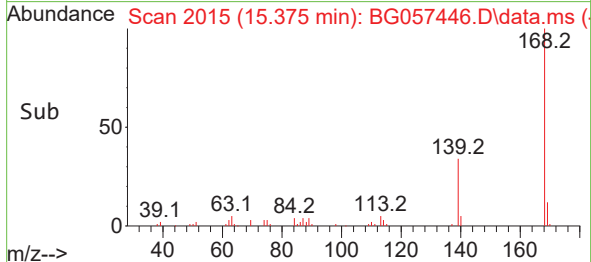
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



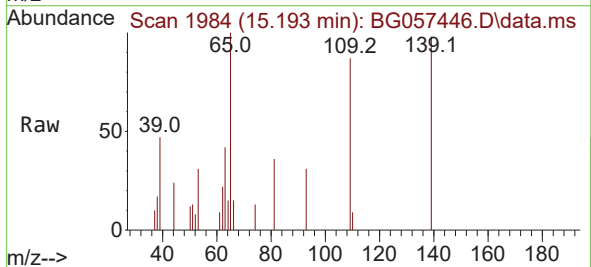
Tgt Ion:168 Resp: 4850
Ion Ratio Lower Upper
168 100
139 34.2 30.7 46.1
169 12.3 10.9 16.3

Manual Integrations
APPROVED

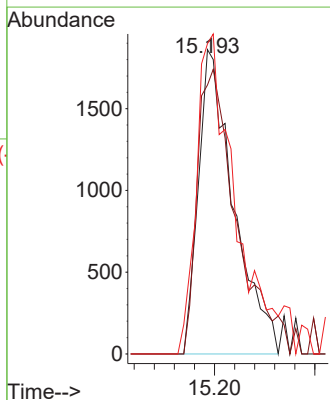
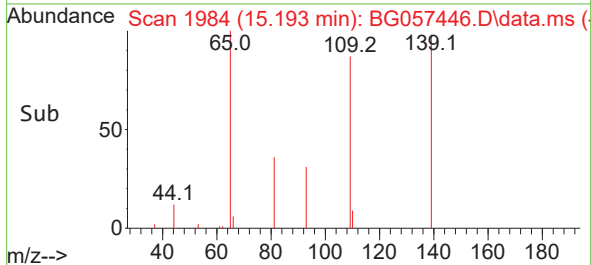
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

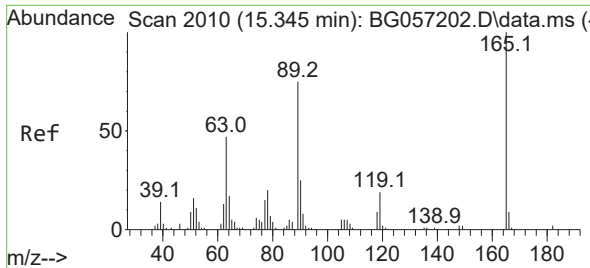


#56
4-Nitrophenol
Concen: 7.331 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.009 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



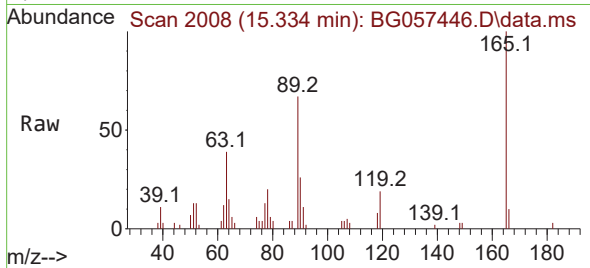
Tgt Ion:139 Resp: 4540
Ion Ratio Lower Upper
139 100
109 88.4 86.6 126.6
65 101.9 102.6 142.6#





#57
2,4-Dinitrotoluene
Concen: 9.201 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

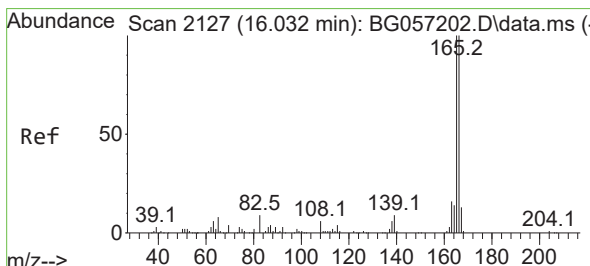
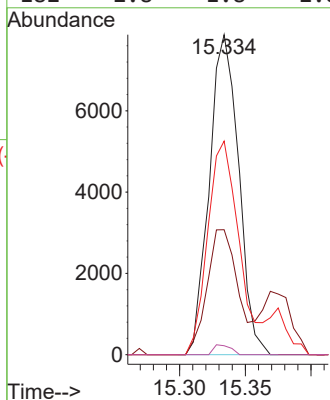
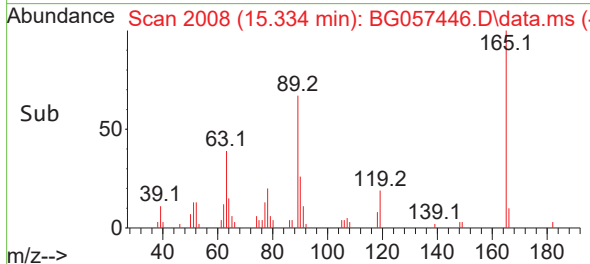
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:165 Resp: 1222
Ion Ratio Lower Upper
165 100
63 39.1 37.5 56.3
89 66.7 60.2 90.4
182 2.8 1.8 2.8#

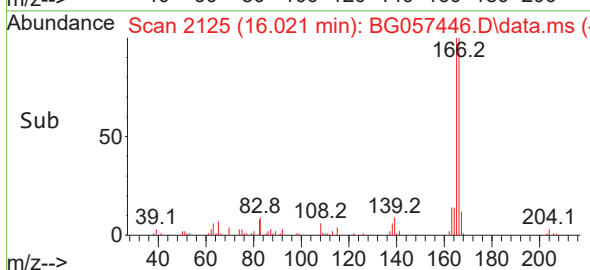
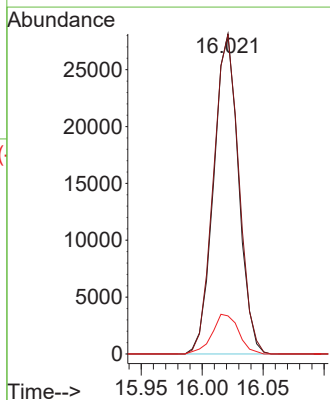
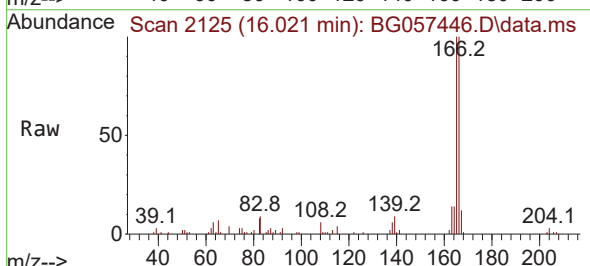
Manual Integrations
APPROVED

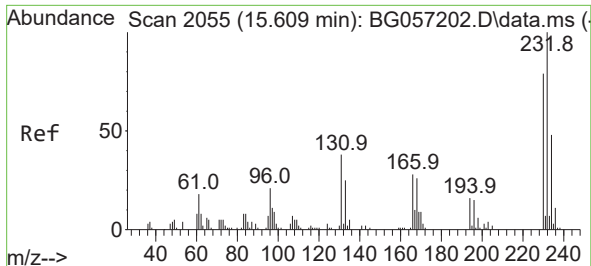
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#58
Fluorene
Concen: 9.277 ng
RT: 16.021 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

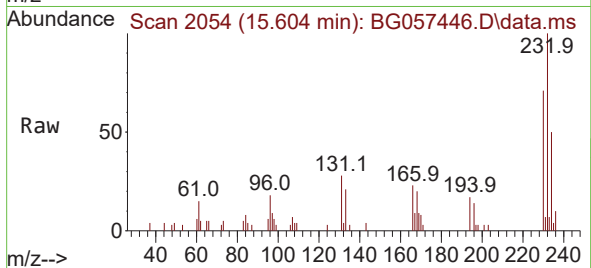
Tgt Ion:166 Resp: 39846
Ion Ratio Lower Upper
166 100
165 99.7 80.1 120.1
167 11.9 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.368 ng
RT: 15.604 min Scan# 2055
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

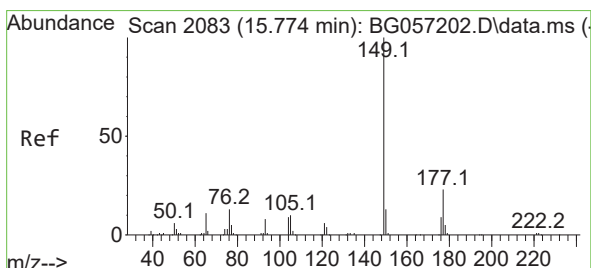
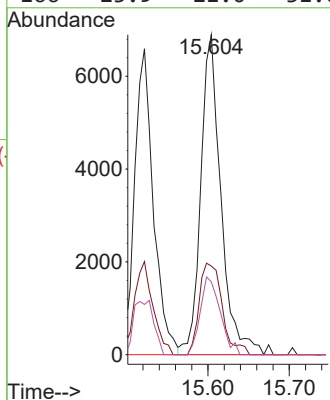
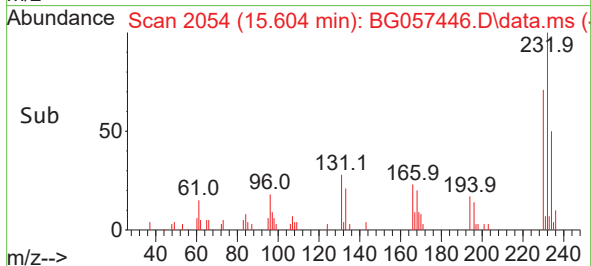
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:232 Resp: 1197
Ion Ratio Lower Upper
232 100
131 32.3 28.6 42.8
130 0.0 1.6 2.4
166 23.9 21.0 31.6

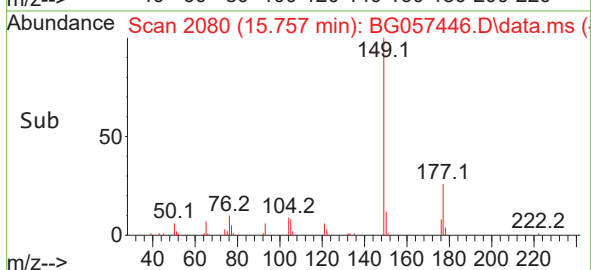
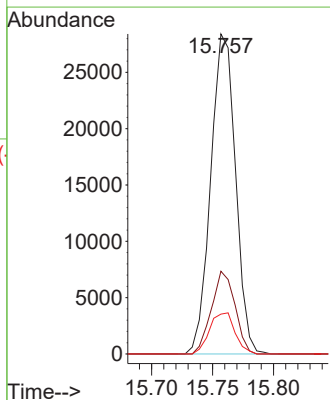
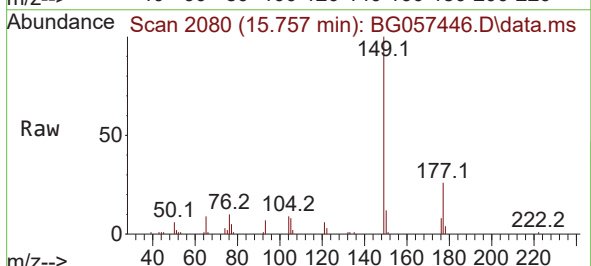
Manual Integrations
APPROVED

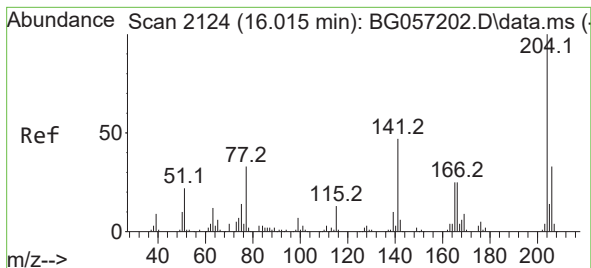
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#60
Diethylphthalate
Concen: 8.687 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

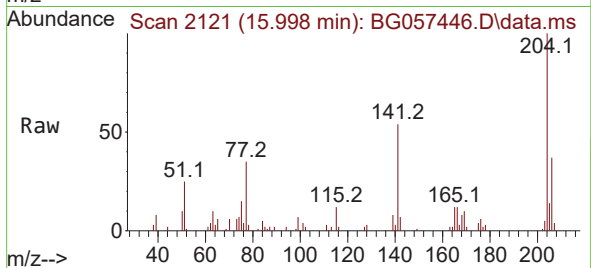
Tgt Ion:149 Resp: 40163
Ion Ratio Lower Upper
149 100
177 25.8 18.3 27.5
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.899 ng
RT: 15.998 min Scan# 2124
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

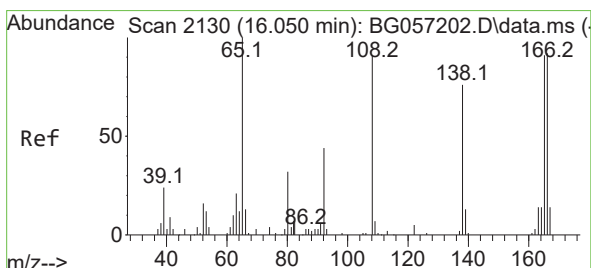
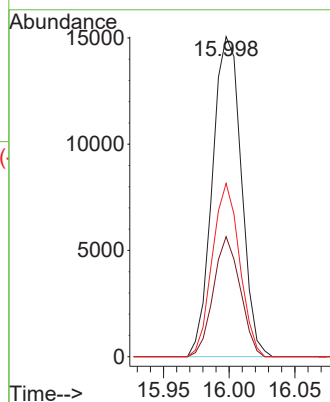
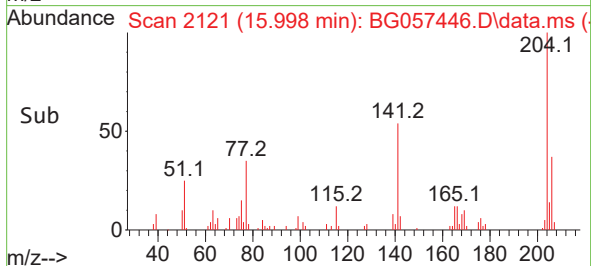
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



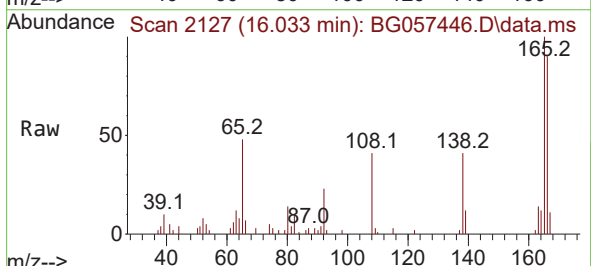
Tgt Ion:204 Resp: 2302
Ion Ratio Lower Upper
204 100
206 37.5 26.5 39.7
141 54.2 37.4 56.0

Manual Integrations
APPROVED

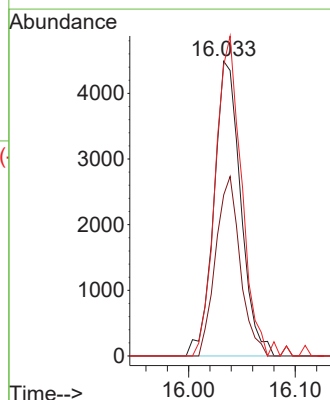
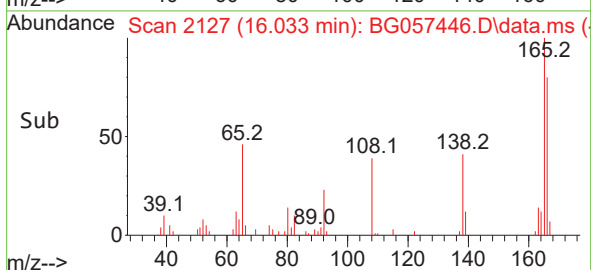
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

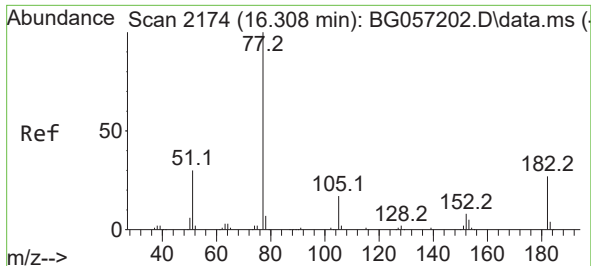


#62
4-Nitroaniline
Concen: 8.320 ng
RT: 16.033 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



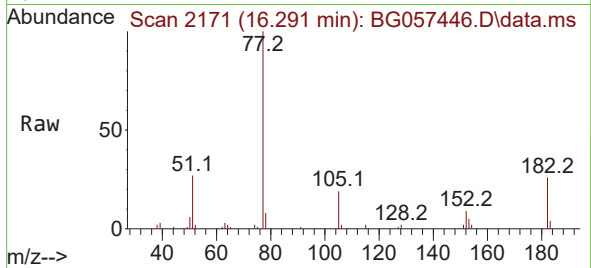
Tgt Ion:138 Resp: 7816
Ion Ratio Lower Upper
138 100
92 54.7 38.2 78.2
108 98.7 99.6 139.6#





#63
Azobenzene
Concen: 8.236 ng
RT: 16.291 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

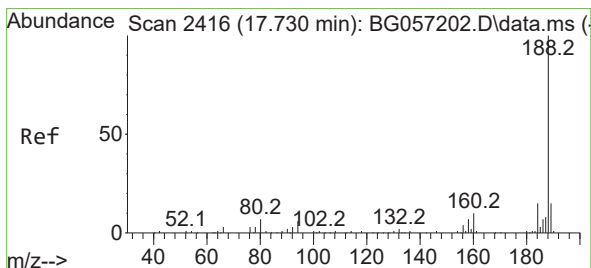
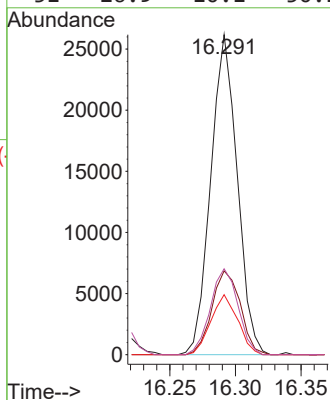
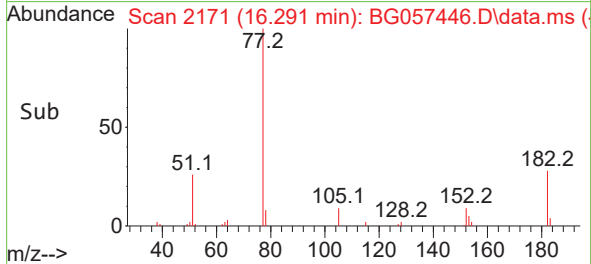
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



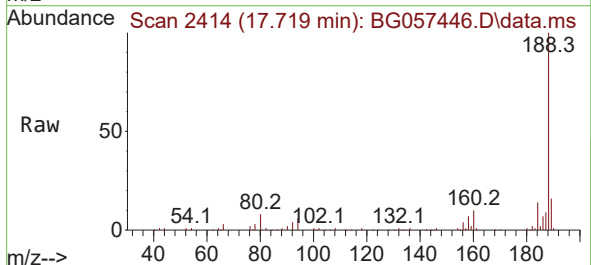
Tgt Ion: 77 Resp: 36738
Ion Ratio Lower Upper
77 100
182 26.2 7.4 47.4
105 18.7 0.0 37.2
51 26.9 10.1 50.1

Manual Integrations
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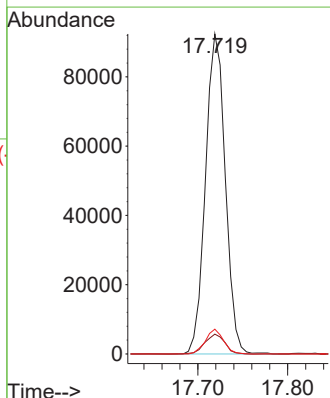
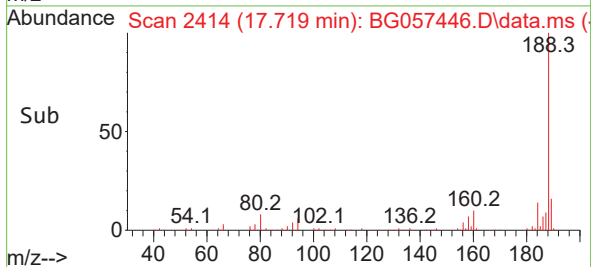
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

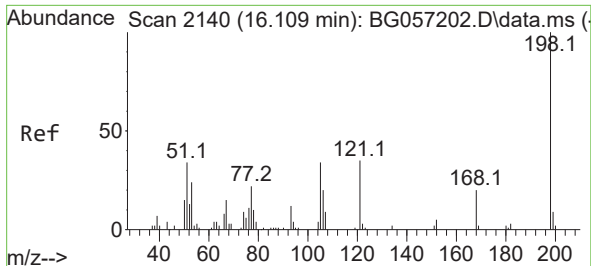


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



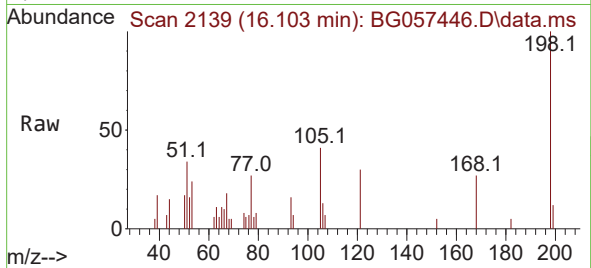
Tgt Ion:188 Resp: 141419
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.7 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 6.982 ng
RT: 16.103 min Scan# 2139
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

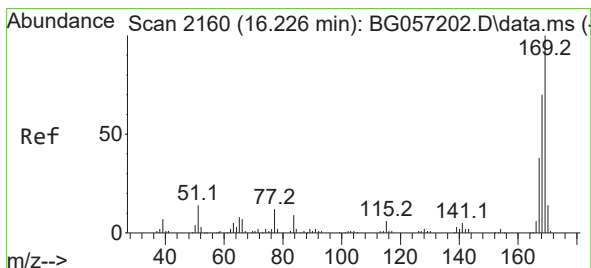
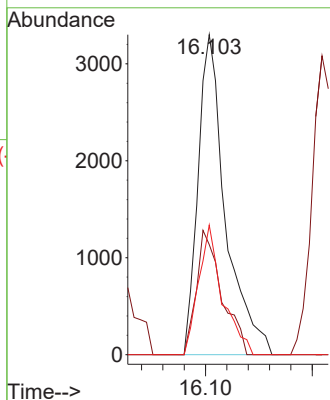
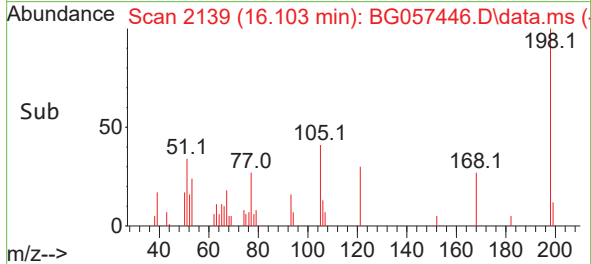
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



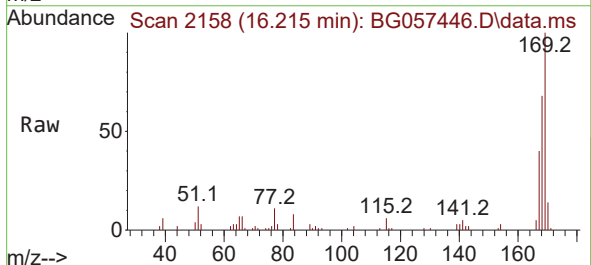
Tgt Ion:198 Resp: 589
Ion Ratio Lower Upper
198 100
51 34.4 16.1 56.1
105 40.5 14.0 54.0

Manual Integrations
APPROVED

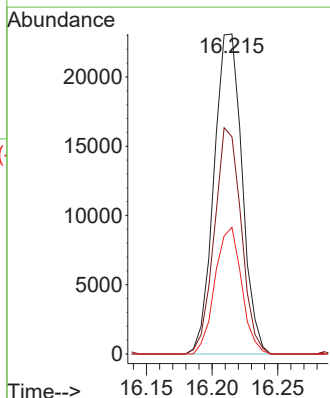
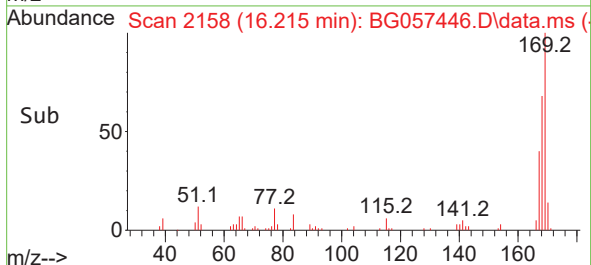
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

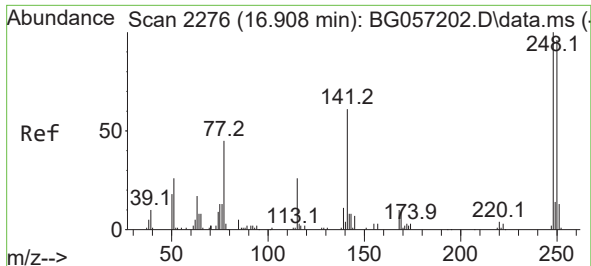


#66
n-Nitrosodiphenylamine
Concen: 8.935 ng
RT: 16.215 min Scan# 2158
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



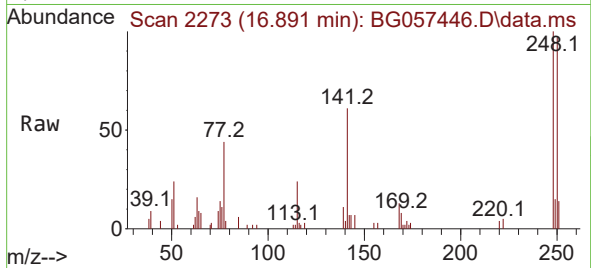
Tgt Ion:169 Resp: 34319
Ion Ratio Lower Upper
169 100
168 67.8 56.2 84.4
167 39.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 8.971 ng
RT: 16.891 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

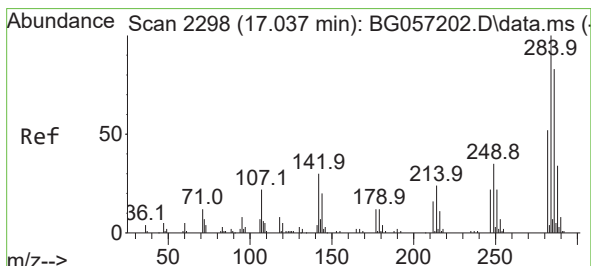
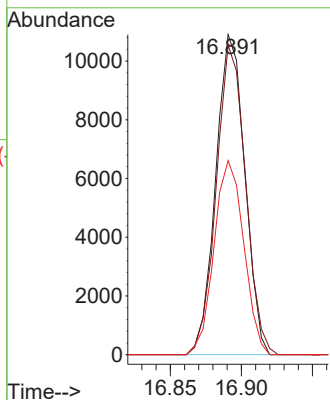
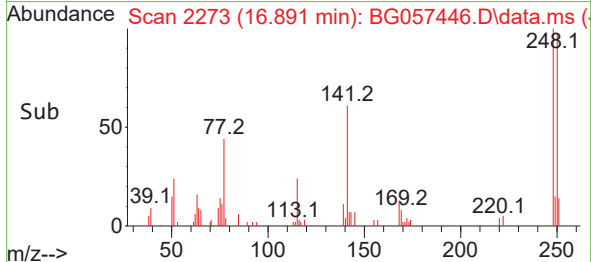
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



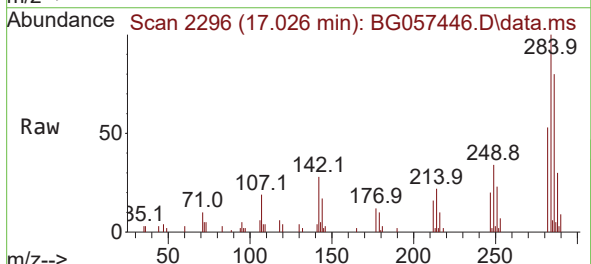
Tgt Ion:248 Resp: 1548
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.6
141 60.6 48.6 72.8

Manual Integrations
APPROVED

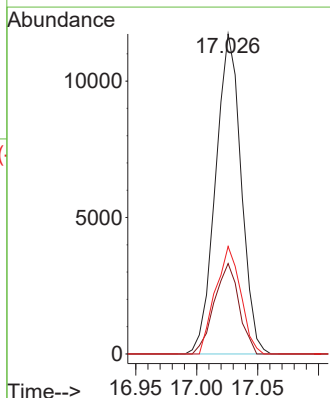
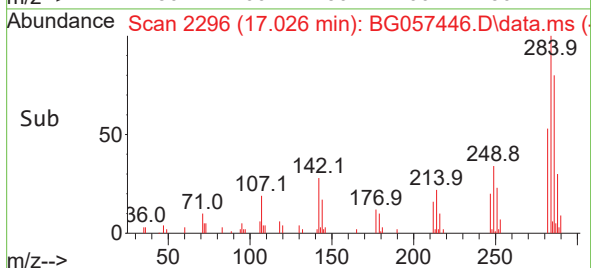
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

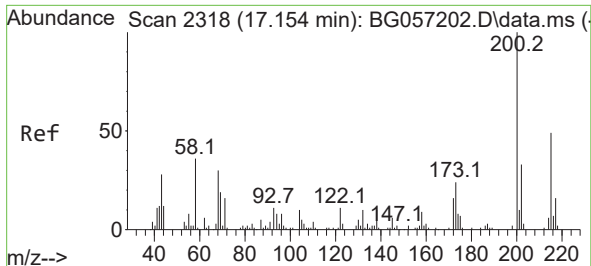


#68
Hexachlorobenzene
Concen: 10.198 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



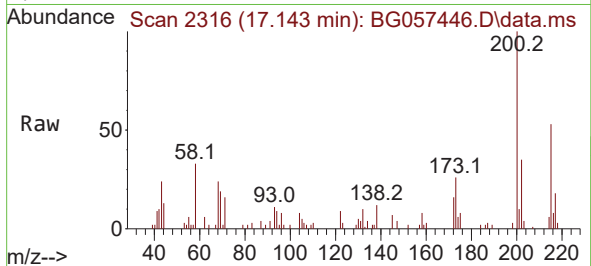
Tgt Ion:284 Resp: 17108
Ion Ratio Lower Upper
284 100
142 28.2 23.9 35.9
249 33.6 27.7 41.5





#69
 Atrazine
 Concen: 10.035 ng
 RT: 17.143 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057446.D
 Acq: 17 May 2023 14:51

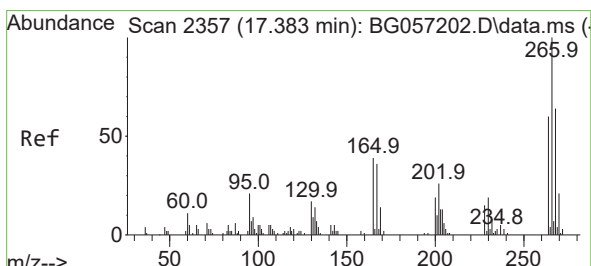
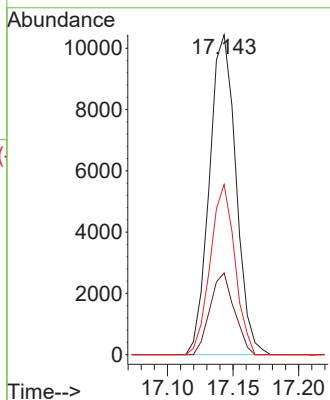
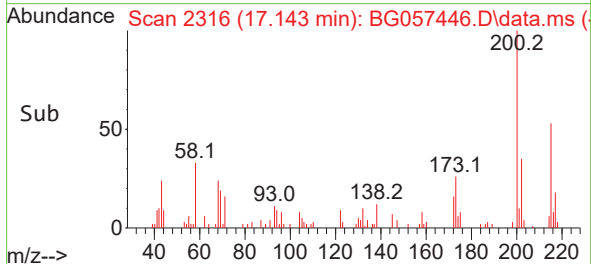
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



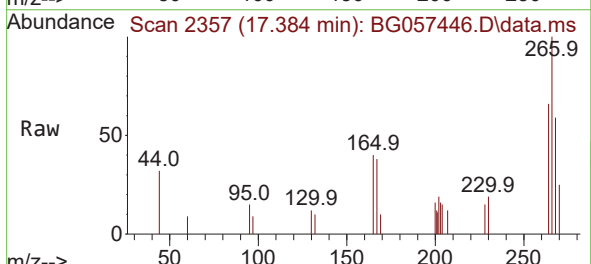
Tgt Ion:200 Resp: 1470
 Ion Ratio Lower Upper
 200 100
 173 25.6 4.3 44.3
 215 53.2 29.3 69.3

Manual Integrations
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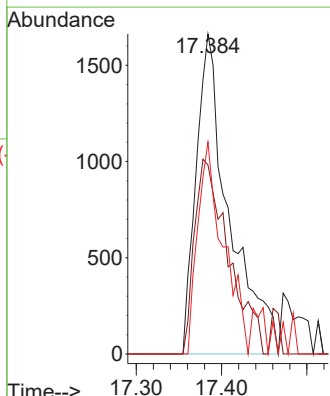
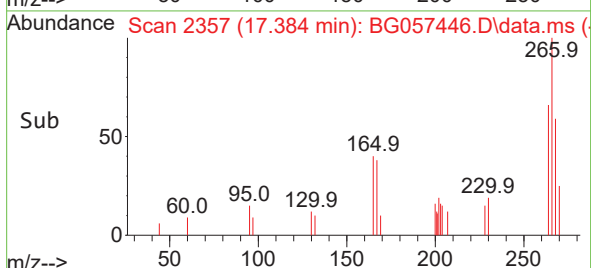
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

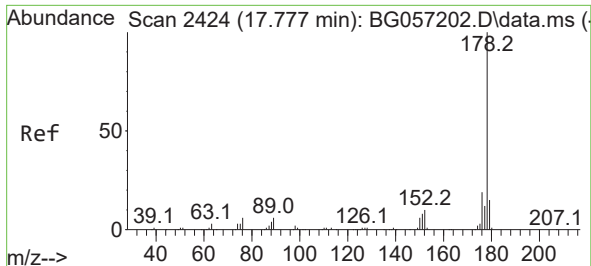


#70
 Pentachlorophenol
 Concen: 4.611 ng
 RT: 17.384 min Scan# 2357
 Delta R.T. 0.009 min
 Lab File: BG057446.D
 Acq: 17 May 2023 14:51



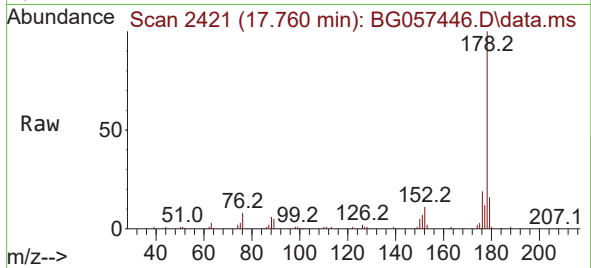
Tgt Ion:266 Resp: 4458
 Ion Ratio Lower Upper
 266 100
 268 59.0 51.0 76.6
 264 66.2 47.8 71.6





#71
Phenanthrene
Concen: 9.352 ng
RT: 17.760 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

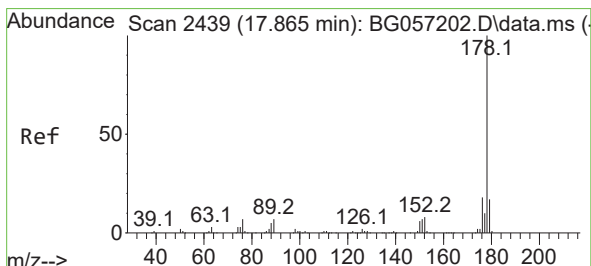
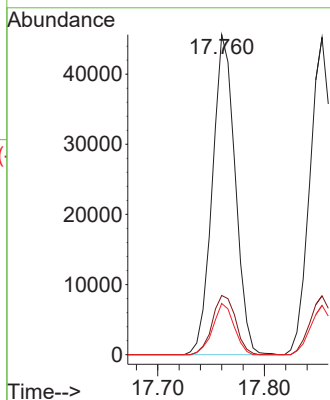
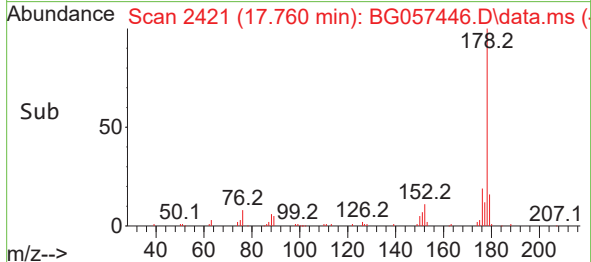
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



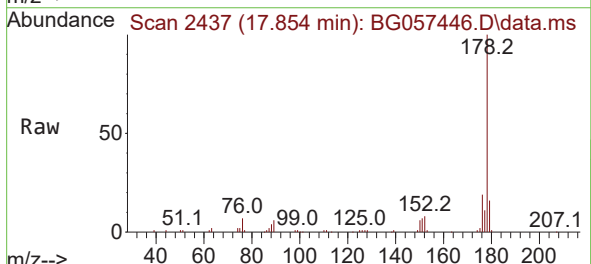
Tgt Ion:178 Resp: 67772
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 16.0 12.3 18.5

Manual Integrations
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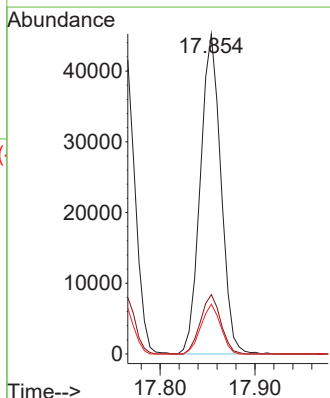
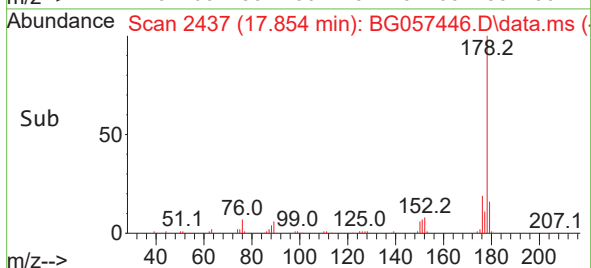
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

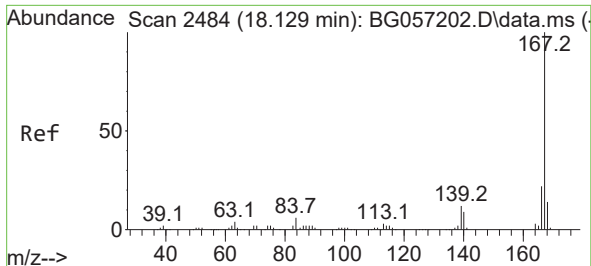


#72
Anthracene
Concen: 9.140 ng
RT: 17.854 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



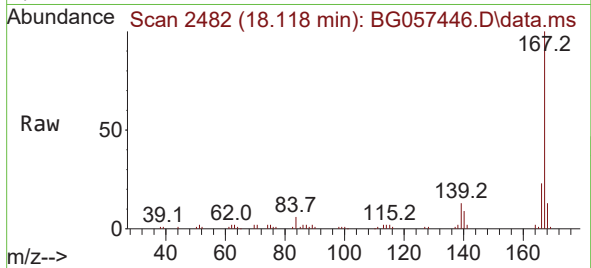
Tgt Ion:178 Resp: 67964
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.5 13.2 19.8





#73
Carbazole
Concen: 9.009 ng
RT: 18.118 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

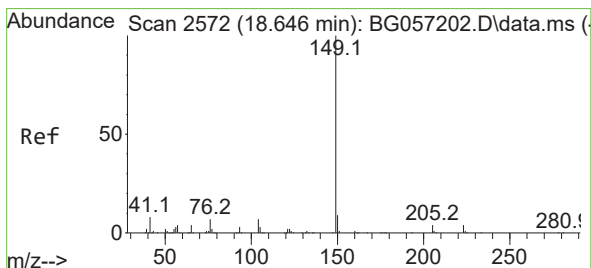
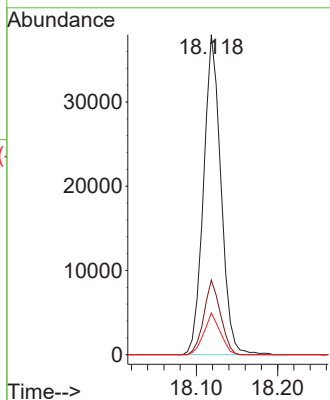
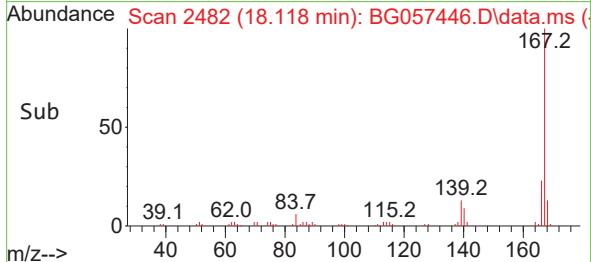
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:167 Resp: 56390
Ion Ratio Lower Upper
167 100
166 23.3 17.4 26.0
139 13.0 9.6 14.4

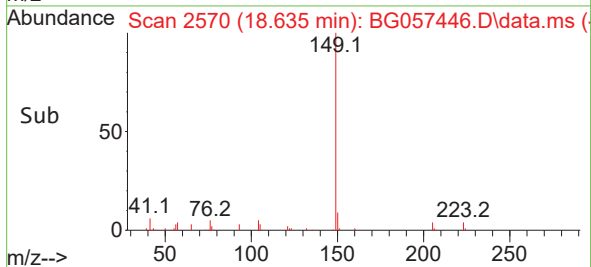
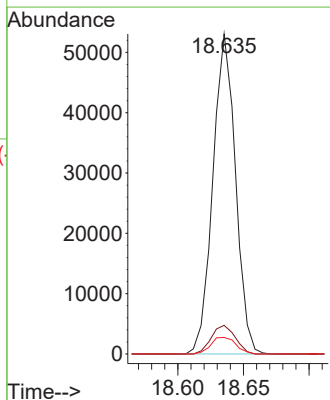
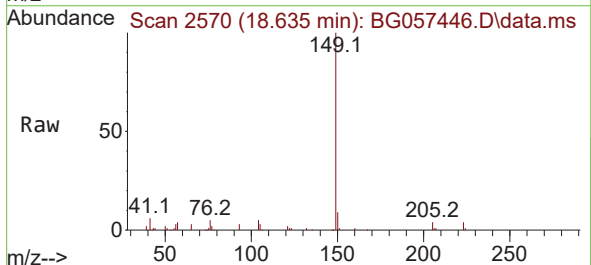
Manual Integrations
APPROVED

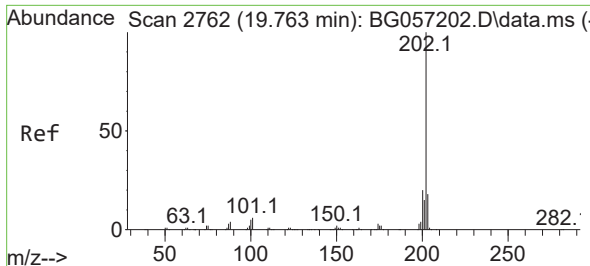
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#74
Di-n-butylphthalate
Concen: 8.820 ng
RT: 18.635 min Scan# 2570
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

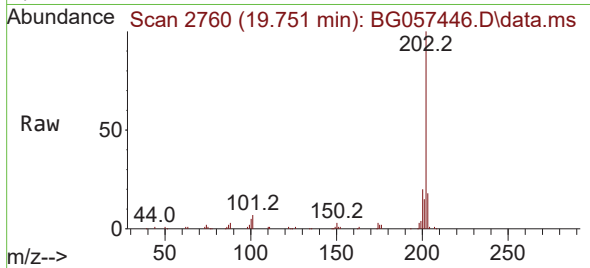
Tgt Ion:149 Resp: 63522
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.1 5.4 8.2#





#75
Fluoranthene
Concen: 8.839 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

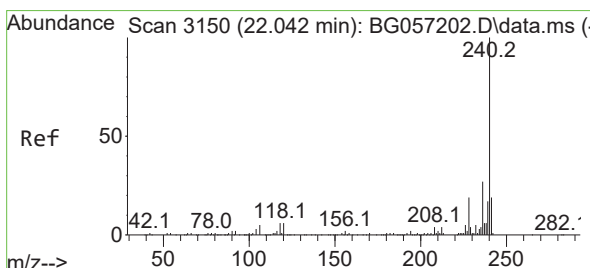
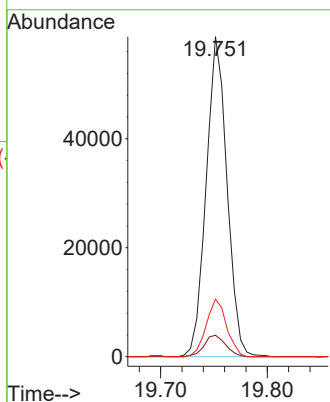
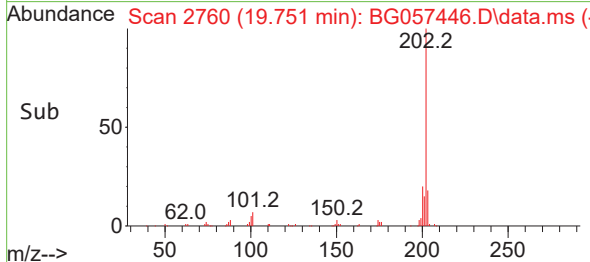
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:202 Resp: 79669
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.2
203 18.0 0.0 37.9

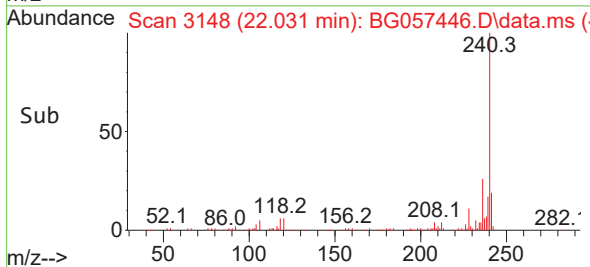
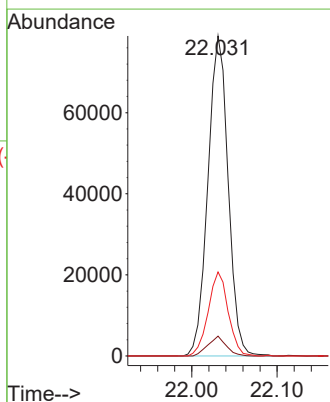
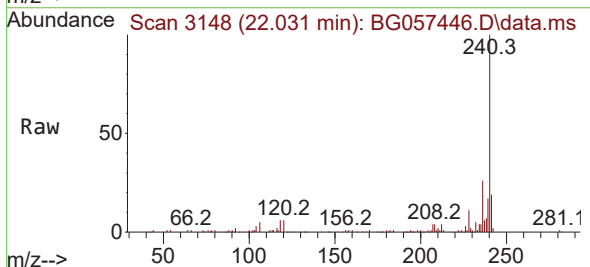
Manual Integrations
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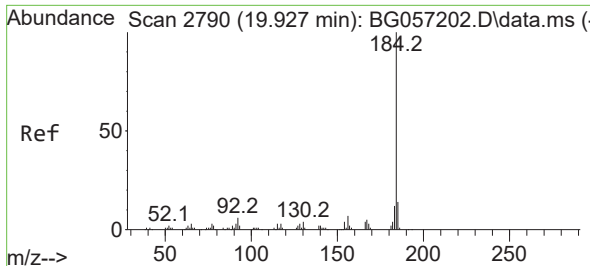
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

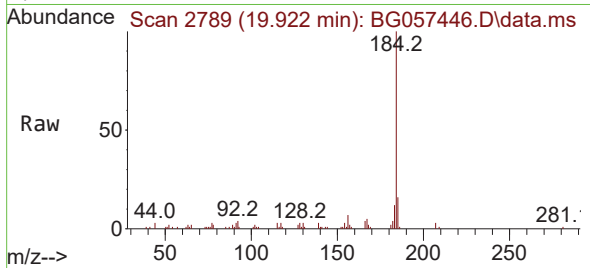
Tgt Ion:240 Resp: 130115
Ion Ratio Lower Upper
240 100
120 6.2 4.9 7.3
236 26.3 21.4 32.2





#77
Benzidine
Concen: 14.416 ng
RT: 19.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

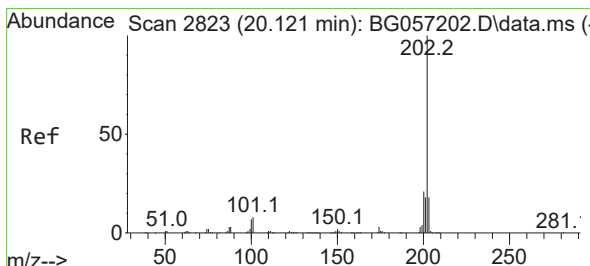
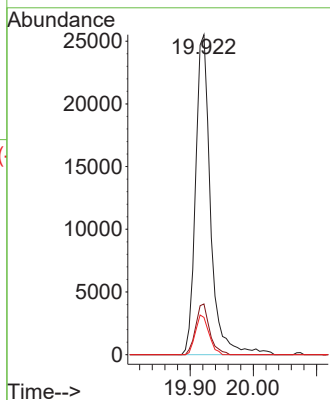
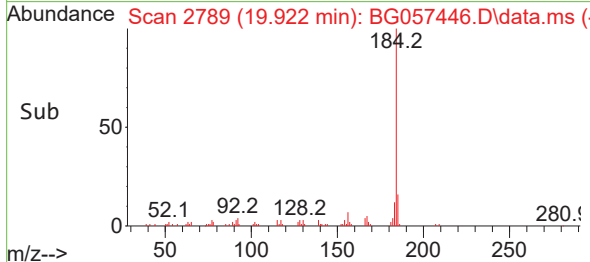
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



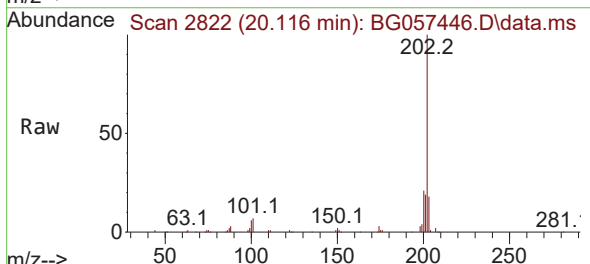
Tgt Ion:184 Resp: 41930
Ion Ratio Lower Upper
184 100
185 15.8 11.1 16.7
183 11.7 9.9 14.9

Manual Integrations
APPROVED

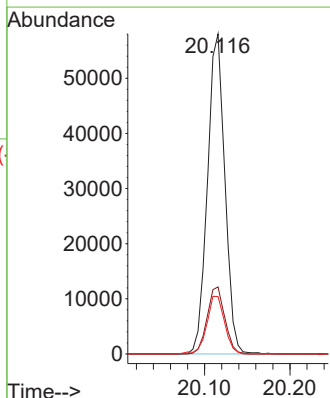
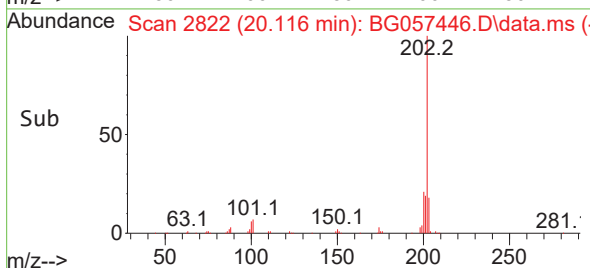
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

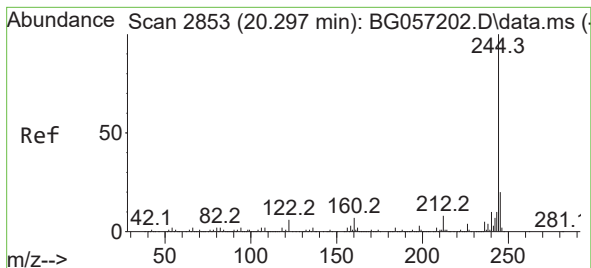


#78
Pyrene
Concen: 8.693 ng
RT: 20.116 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51



Tgt Ion:202 Resp: 82193
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 73.701 ng

RT: 20.292 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057446.D

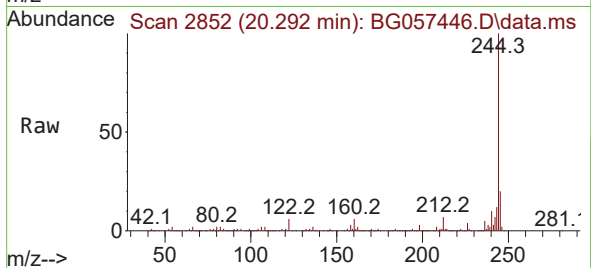
Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:244 Resp: 587628

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

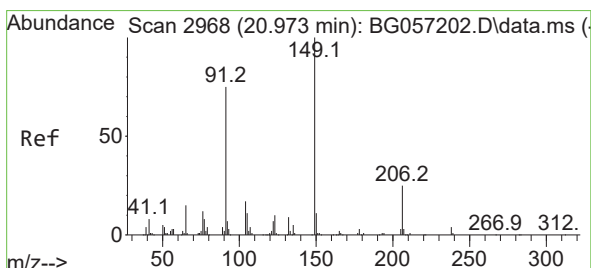
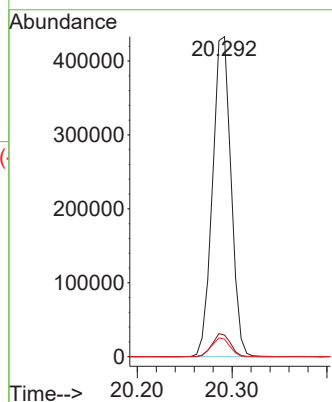
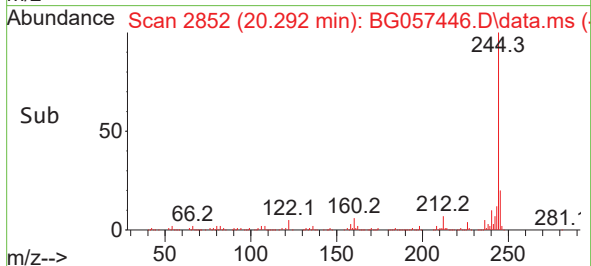
122 5.5 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#80

Butylbenzylphthalate

Concen: 8.884 ng

RT: 20.962 min Scan# 2966

Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

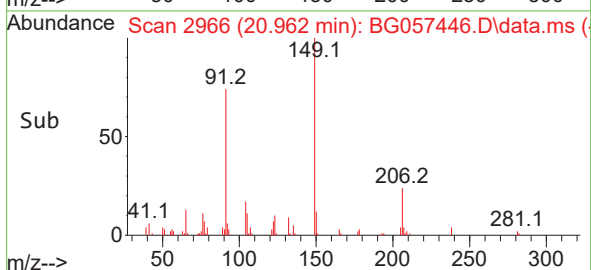
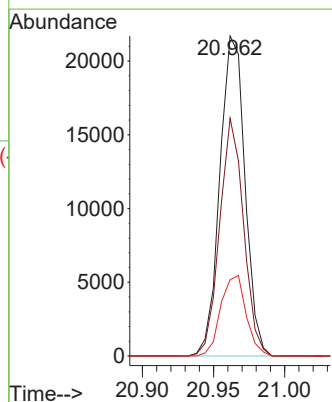
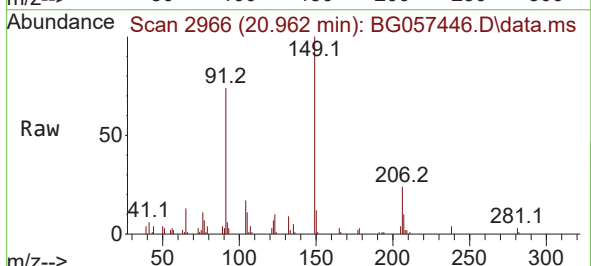
Tgt Ion:149 Resp: 26652

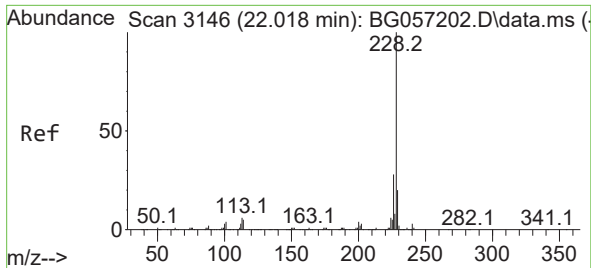
Ion Ratio Lower Upper

149 100

91 74.3 59.7 89.5

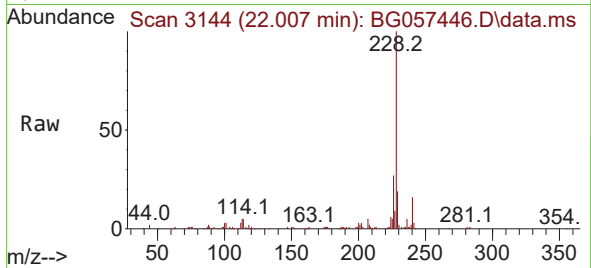
206 23.9 19.7 29.5





#81
Benzo(a)anthracene
Concen: 8.891 ng
RT: 22.007 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

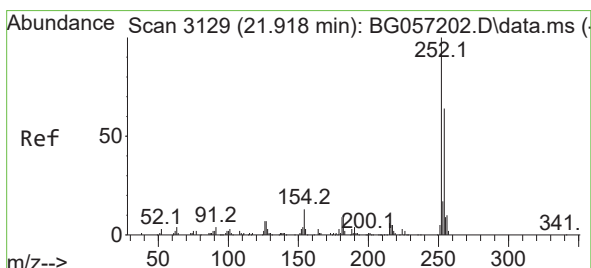
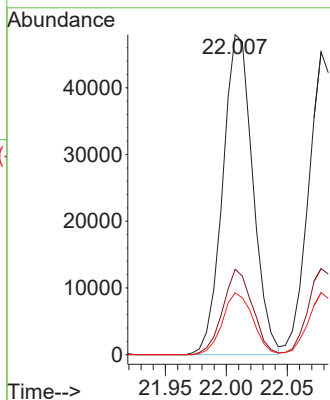
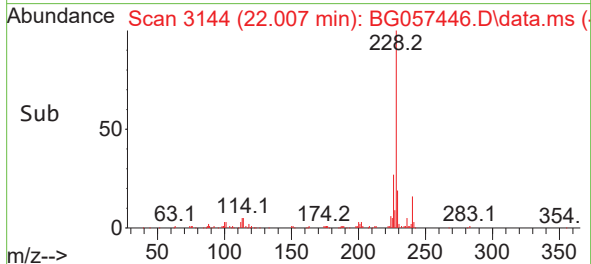
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:228 Resp: 82425
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.3 15.8 23.8

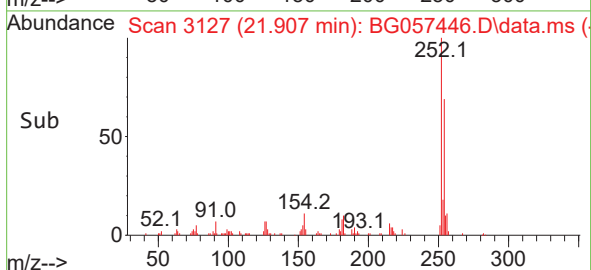
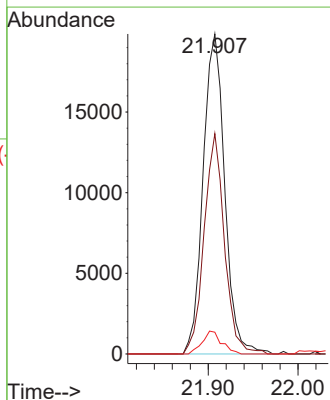
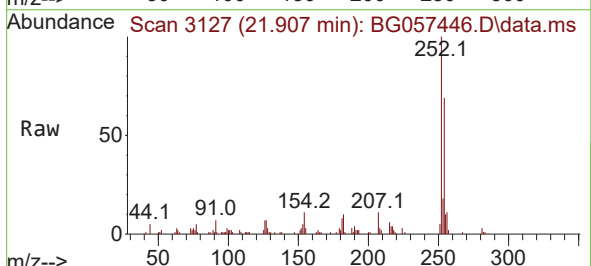
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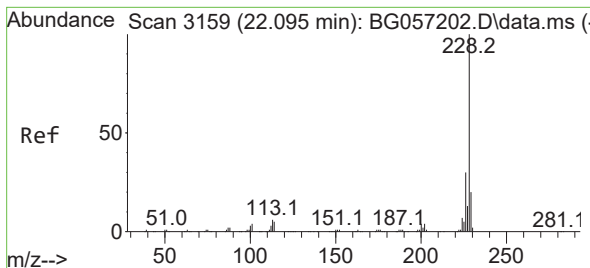
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 11.163 ng
RT: 21.907 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Tgt Ion:252 Resp: 33145
Ion Ratio Lower Upper
252 100
254 68.9 51.4 77.0
126 6.8 5.9 8.9





#83

Chrysene

Concen: 8.935 ng

RT: 22.078 min Scan# 3156

Delta R.T. -0.002 min

Lab File: BG057446.D

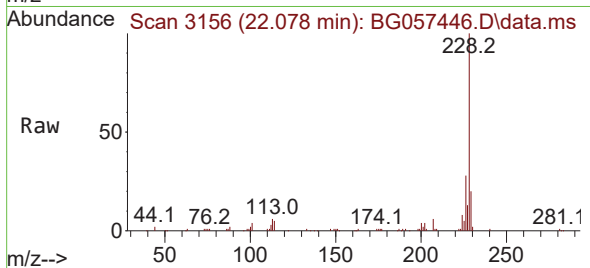
Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:228 Resp: 77930

Ion Ratio Lower Upper

228 100

226 28.4 24.3 36.5

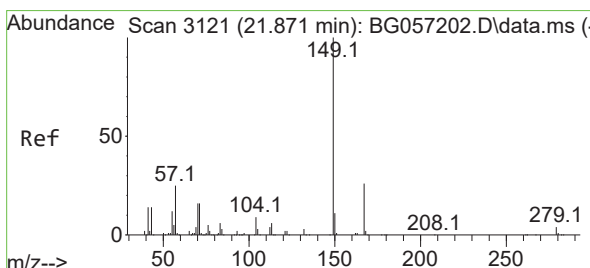
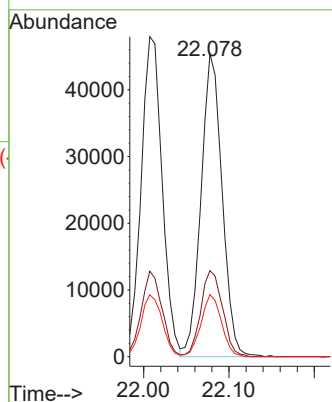
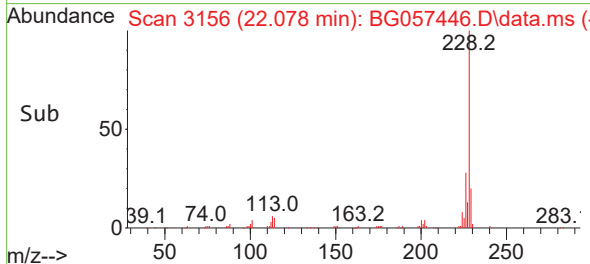
229 20.5 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.759 ng

RT: 21.854 min Scan# 3118

Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

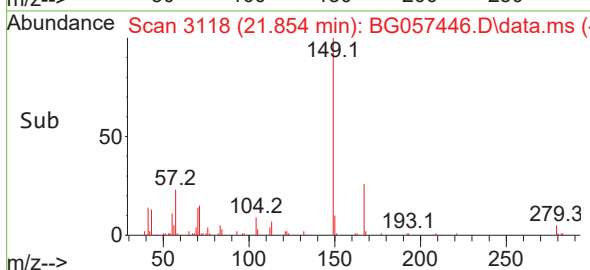
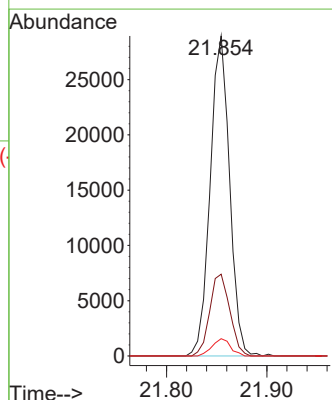
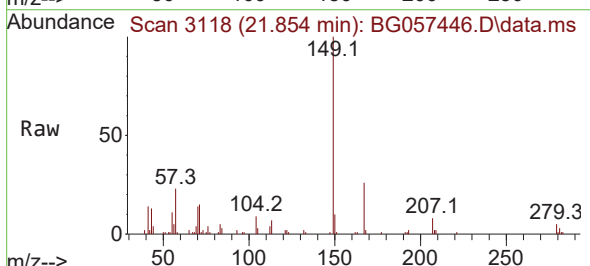
Tgt Ion:149 Resp: 38879

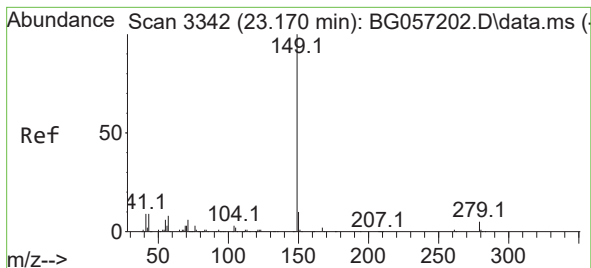
Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

279 5.4 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 9.080 ng

RT: 23.147 min Scan# 3342

Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

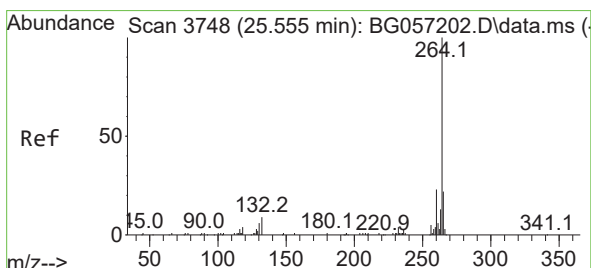
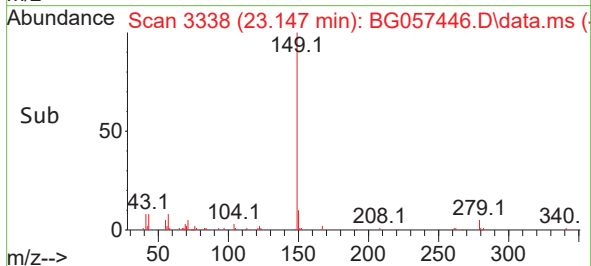
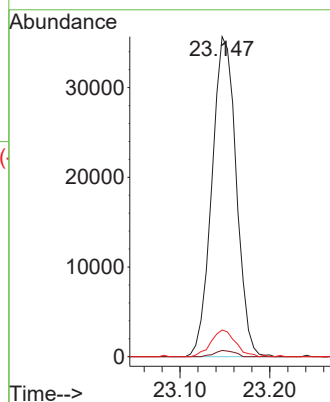
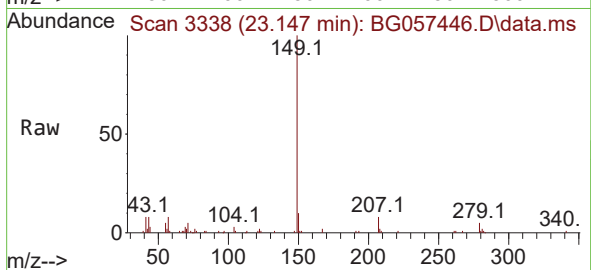
Tgt Ion:149 Resp: 6719

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.8	11.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.544 min Scan# 3746

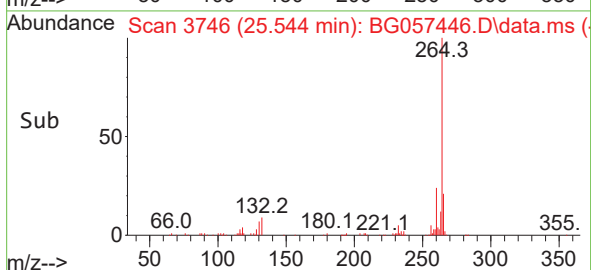
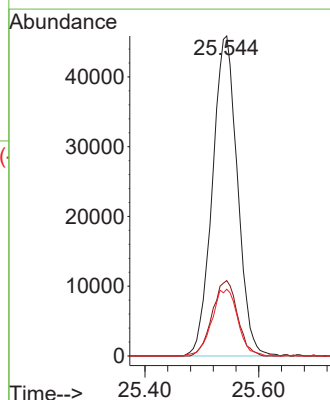
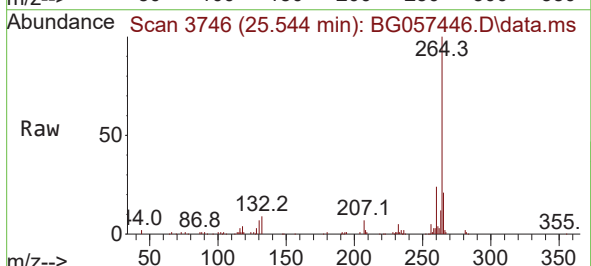
Delta R.T. 0.009 min

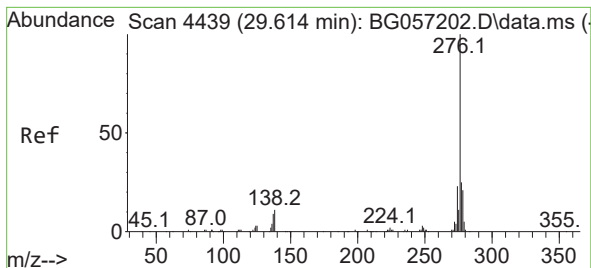
Lab File: BG057446.D

Acq: 17 May 2023 14:51

Tgt Ion:264 Resp: 140065

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	20.9	17.9	26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.832 ng

RT: 29.585 min Scan# 4439

Delta R.T. -0.014 min

Lab File: BG057446.D

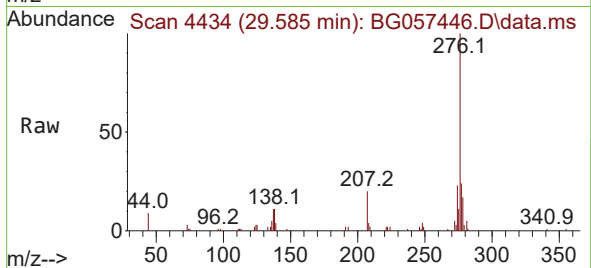
Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



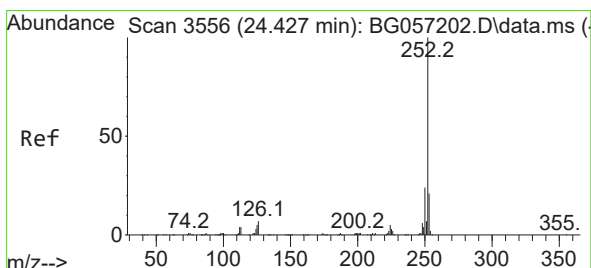
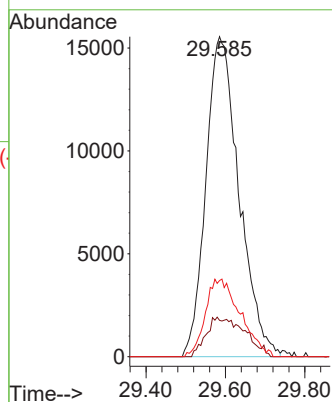
Tgt Ion:	276	Resp:	90154
Ion Ratio	Lower	Upper	
276	100		
138	6.0	5.4	8.0
277	25.5	20.6	30.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#88

Benzo(b)fluoranthene

Concen: 9.099 ng

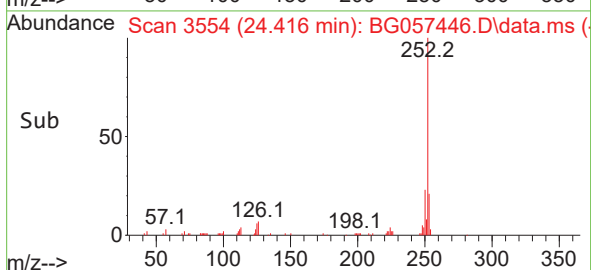
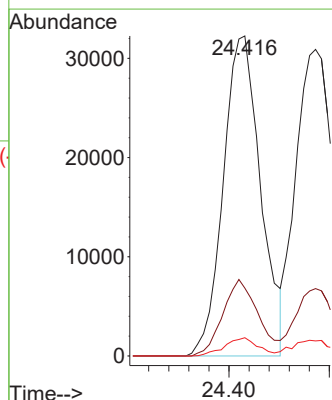
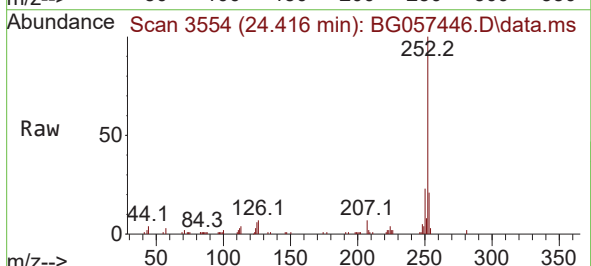
RT: 24.416 min Scan# 3554

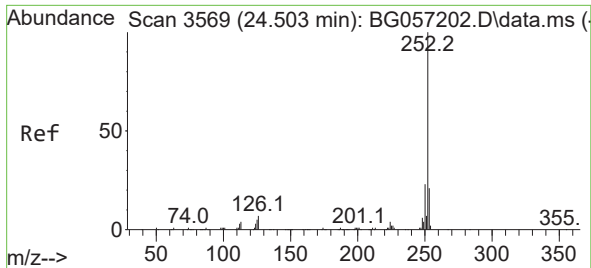
Delta R.T. 0.003 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

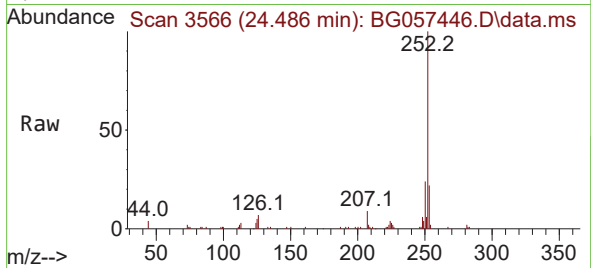
Tgt Ion:	252	Resp:	83313
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.0	25.6
125	5.7	4.2	6.2





#89
Benzo(k)fluoranthene
Concen: 8.661 ng
RT: 24.486 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

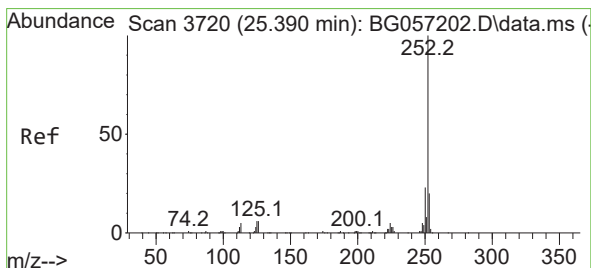
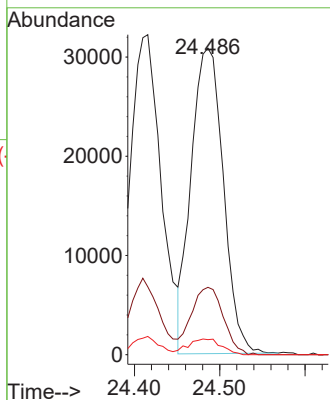
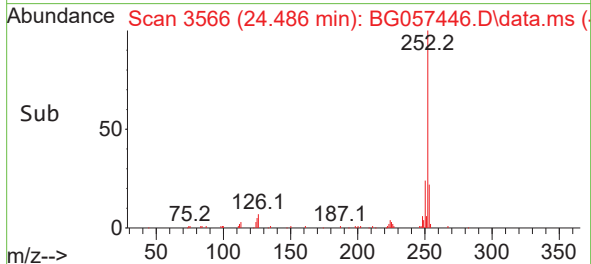
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:252 Resp: 80584
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 4.9 4.1 6.1

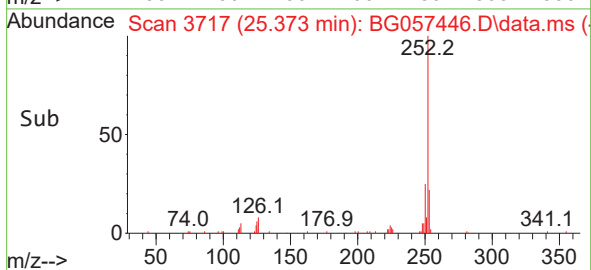
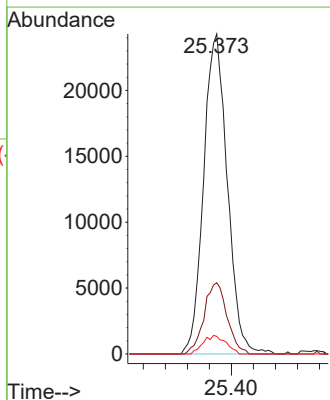
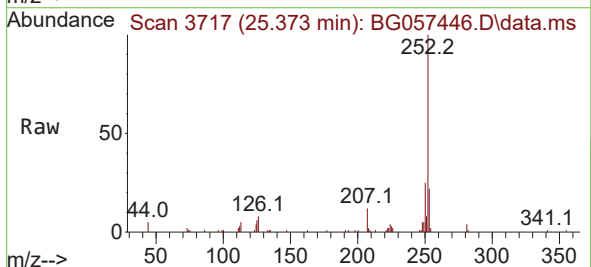
Manual Integrations
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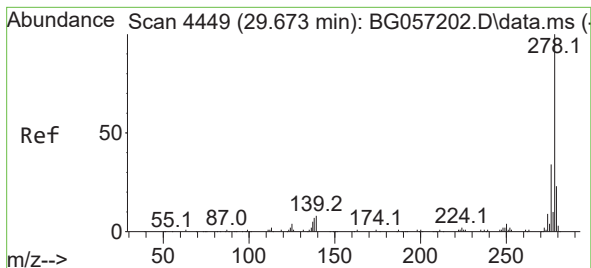
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#90
Benzo(a)pyrene
Concen: 8.112 ng
RT: 25.373 min Scan# 3717
Delta R.T. -0.002 min
Lab File: BG057446.D
Acq: 17 May 2023 14:51

Tgt Ion:252 Resp: 72565
Ion Ratio Lower Upper
252 100
253 22.2 16.3 24.5
125 5.5 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 8.829 ng

RT: 29.644 min Scan# 4444

Delta R.T. -0.008 min

Lab File: BG057446.D

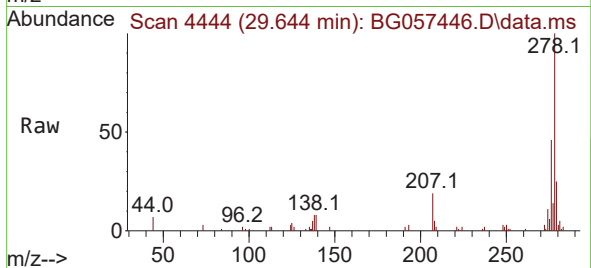
Acq: 17 May 2023 14:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:278 Resp: 75054

Ion Ratio Lower Upper

278 100

139 8.0 6.2 9.2

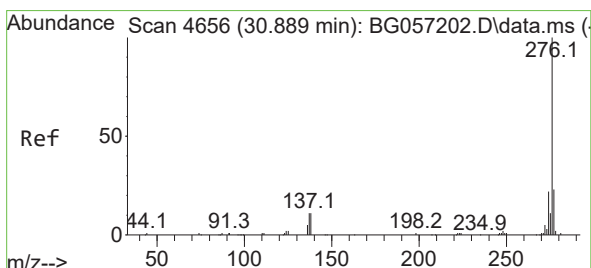
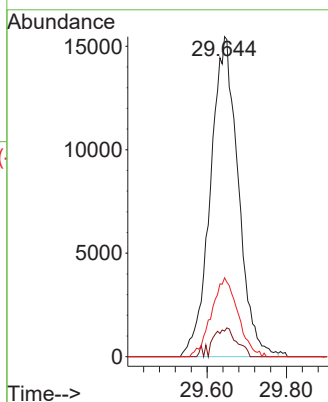
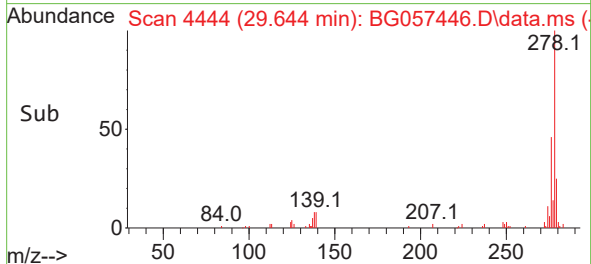
279 24.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#92

Benzo(g,h,i)perylene

Concen: 8.893 ng

RT: 30.872 min Scan# 4653

Delta R.T. -0.002 min

Lab File: BG057446.D

Acq: 17 May 2023 14:51

Tgt Ion:276 Resp: 73819

Ion Ratio Lower Upper

276 100

277 21.7 18.4 27.6

138 12.8 9.0 13.4

