

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056941.D
 Acq On : 31 Mar 2023 12:44
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Apr 01 02:33:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.411	152	15355	20.000	ng	0.00
21) Naphthalene-d8	11.254	136	58175	20.000	ng	0.00
39) Acenaphthene-d10	15.026	164	47159	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	118586	20.000	ng	0.00
76) Chrysene-d12	22.087	240	112931	20.000	ng	#-0.01
86) Perylene-d12	25.635	264	121556	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	104695	109.123	ng	0.00
7) Phenol-d6	7.536	99	155194	108.154	ng	0.00
23) Nitrobenzene-d5	9.592	82	121545	85.489	ng	0.00
42) 2,4,6-Tribromophenol	16.506	330	92856	123.252	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	296853	85.357	ng	-0.01
79) Terphenyl-d14	20.336	244	585499	87.731	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.723	88	1919	4.563	ng	93
3) Pyridine	4.158	79	5683m	4.195	ng	
4) n-Nitrosodimethylamine	4.052	42	2739	4.398	ng	# 88
6) Aniline	7.718	93	8503	4.635	ng	96
8) 2-Chlorophenol	7.970	128	4751	4.972	ng	87
9) Benzaldehyde	7.536	77	6115	6.794	ng	98
10) Phenol	7.565	94	6684	4.701	ng	78
11) bis(2-Chloroethyl)ether	7.812	93	5162	5.097	ng	92
12) 1,3-Dichlorobenzene	8.305	146	5053m	4.785	ng	
13) 1,4-Dichlorobenzene	8.446	146	5899	5.535	ng	# 87
14) 1,2-Dichlorobenzene	8.775	146	5180	5.031	ng	# 85
15) Benzyl Alcohol	8.640	79	5667	4.753	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	8.928	45	6695	5.485	ng	95
17) 2-Methylphenol	8.840	107	4461	4.398	ng	92
18) Hexachloroethane	9.521	117	1996	5.124	ng	89
19) n-Nitroso-di-n-propyla...	9.204	70	5331	5.194	ng	# 92
20) 3+4-Methylphenols	9.163	107	5922	4.175	ng	92
22) Acetophenone	9.239	105	9674	5.588	ng	# 90
24) Nitrobenzene	9.633	77	7856	5.405	ng	# 92
25) Isophorone	10.150	82	13753	5.080	ng	# 97
26) 2-Nitrophenol	10.350	139	2763	4.925	ng	89
27) 2,4-Dimethylphenol	10.385	122	4758	4.803	ng	91
28) bis(2-Chloroethoxy)met...	10.626	93	6663	4.916	ng	# 96
29) 2,4-Dichlorophenol	10.890	162	5168	4.851	ng	95
30) 1,2,4-Trichlorobenzene	11.113	180	5466	4.829	ng	# 83
31) Naphthalene	11.301	128	16370	5.163	ng	# 96
32) Benzoic acid	10.449	122	1378m	2.025	ng	
33) 4-Chloroaniline	11.401	127	7153	4.995	ng	# 93
34) Hexachlorobutadiene	11.577	225	4027	4.736	ng	92
35) Caprolactam	12.130	113	2083	5.669	ng	92
36) 4-Chloro-3-methylphenol	12.482	107	6051	5.079	ng	96
37) 2-Methylnaphthalene	12.876	142	12027	4.779	ng	96
38) 1-Methylnaphthalene	13.099	142	12306m	5.207	ng	
40) 1,2,4,5-Tetrachloroben...	13.240	216	8645	5.286	ng	99
41) Hexachlorocyclopentadiene	13.216	237	4579	5.082	ng	88
43) 2,4,6-Trichlorophenol	13.469	196	5300m	5.079	ng	

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Quant Time: Apr 01 02:33:07 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED

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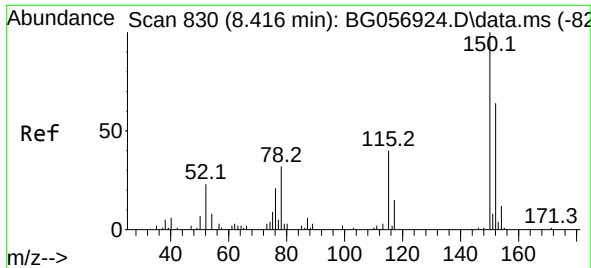
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	5584	4.517	ng	# 94
46) 1,1'-Biphenyl	13.862	154	18563	5.377	ng	97
47) 2-Chloronaphthalene	13.915	162	14524	5.689	ng	97
48) 2-Nitroaniline	14.103	65	4293	4.702	ng	91
49) Acenaphthylene	14.755	152	22063	5.259	ng	97
50) Dimethylphthalate	14.456	163	18926	5.093	ng	96
51) 2,6-Dinitrotoluene	14.585	165	3767	4.692	ng	91
52) Acenaphthene	15.090	154	13834	4.782	ng	93
53) 3-Nitroaniline	14.920	138	3612	4.545	ng	# 95
54) 2,4-Dinitrophenol	15.120	184	1440	3.187	ng	# 87
55) Dibenzofuran	15.419	168	23048	5.308	ng	93
56) 4-Nitrophenol	15.202	139	2611	4.443	ng	# 75
57) 2,4-Dinitrotoluene	15.360	165	5225	4.614	ng	# 97
58) Fluorene	16.065	166	18726	5.211	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.637	232	5586	4.963	ng	# 99
60) Diethylphthalate	15.807	149	19162	5.144	ng	94
61) 4-Chlorophenyl-phenyle...	16.048	204	10694	5.069	ng	98
62) 4-Nitroaniline	16.065	138	4074	4.948	ng	# 82
63) Azobenzene	16.341	77	19505	5.254	ng	96
65) 4,6-Dinitro-2-methylph...	16.130	198	2814	3.918	ng	84
66) n-Nitrosodiphenylamine	16.259	169	16488	5.179	ng	91
67) 4-Bromophenyl-phenylether	16.947	248	7011	4.778	ng	94
68) Hexachlorobenzene	17.070	284	7792	5.371	ng	95
69) Atrazine	17.187	200	7148	5.409	ng	90
70) Pentachlorophenol	17.411	266	3118	2.996	ng	95
71) Phenanthrene	17.810	178	31186	5.158	ng	99
72) Anthracene	17.898	178	32457	5.237	ng	98
73) Carbazole	18.163	167	28611	5.295	ng	# 96
74) Di-n-butylphthalate	18.685	149	30820	4.925	ng	98
75) Fluoranthene	19.796	202	37938	4.950	ng	97
77) Benzidine	19.960	184	21581	6.991	ng	# 92
78) Pyrene	20.160	202	41319	5.290	ng	95
80) Butylbenzylphthalate	21.017	149	12703	4.726	ng	100
81) Benzo(a)anthracene	22.069	228	40515	5.184	ng	94
82) 3,3'-Dichlorobenzidine	21.963	252	16461	6.238	ng	100
83) Chrysene	22.139	228	38284	5.232	ng	99
84) Bis(2-ethylhexyl)phtha...	21.922	149	19323	4.965	ng	# 93
85) Di-n-octyl phthalate	23.244	149	31511	4.804	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.706	276	46680	5.196	ng	# 74
88) Benzo(b)fluoranthene	24.495	252	41760	5.494	ng	93
89) Benzo(k)fluoranthene	24.572	252	40100	5.284	ng	100
90) Benzo(a)pyrene	25.464	252	34564	4.627	ng	92
91) Dibenzo(a,h)anthracene	29.770	278	38906	5.269	ng	94
92) Benzo(g,h,i)perylene	31.004	276	37679	5.211	ng	100

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

Manual Integrations

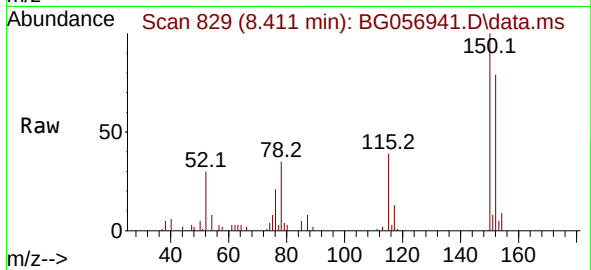
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.411 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

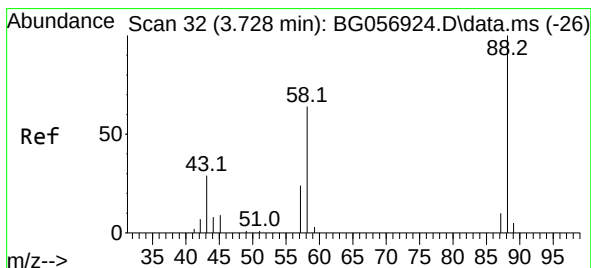
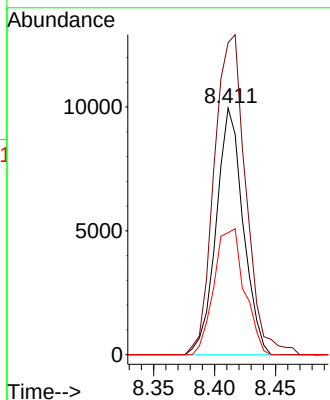
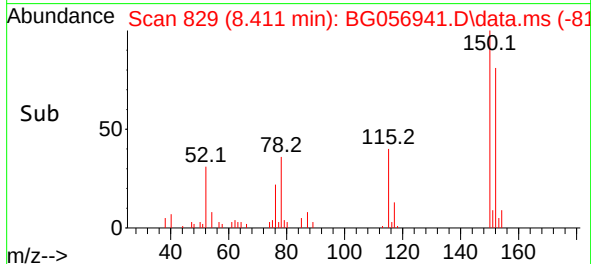
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:152 Resp: 1535
Ion Ratio Lower Upper
152 100
150 126.5 124.1 186.1
115 49.5 49.1 73.7

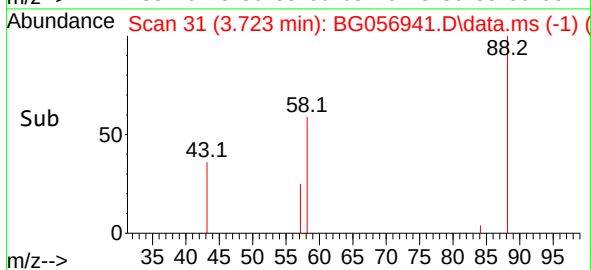
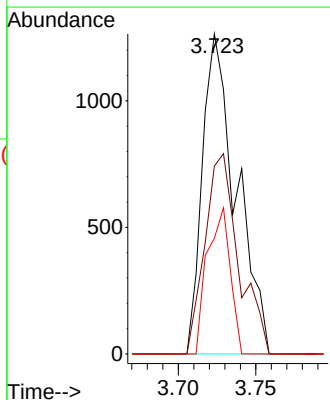
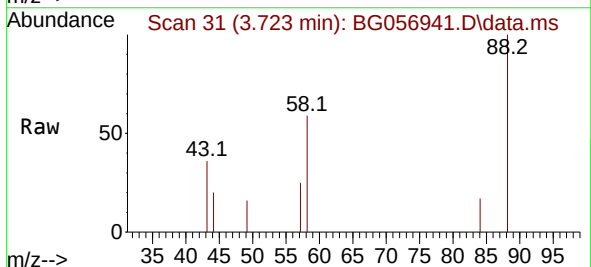
Manual Integrations
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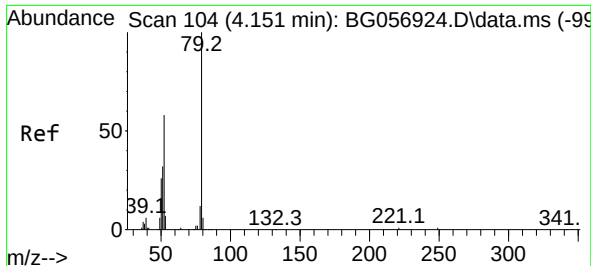
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#2
1,4-Dioxane
Concen: 4.563 ng
RT: 3.723 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

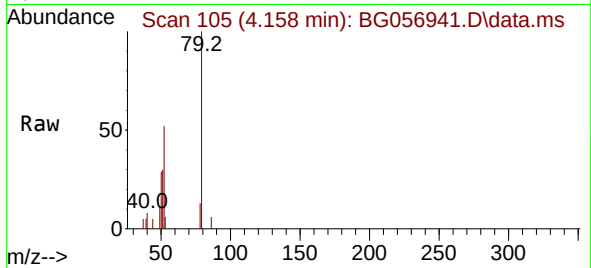
Tgt Ion: 88 Resp: 1919
Ion Ratio Lower Upper
88 100
58 62.0 55.9 83.9
43 30.8 25.7 38.5





#3
Pyridine
Concen: 4.195 ng m
RT: 4.158 min Scan# 104
Delta R.T. 0.007 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

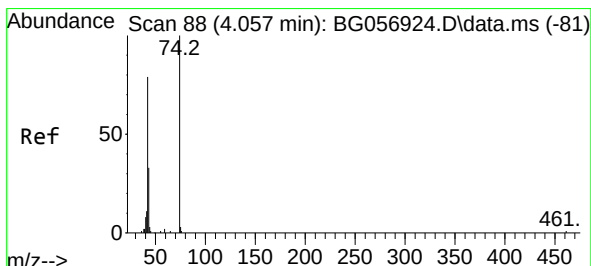
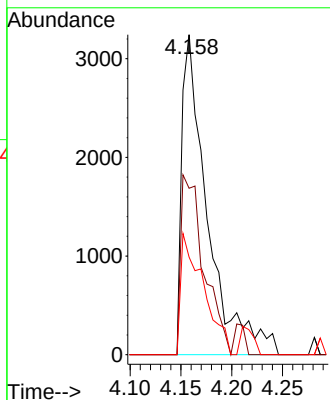
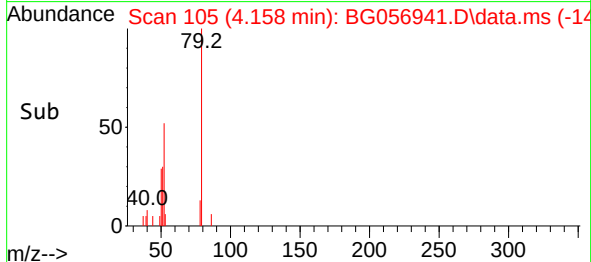
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 79 Resp: 568
Ion Ratio Lower Upper
79 100
52 52.0 46.1 69.1
51 30.5 26.1 39.1

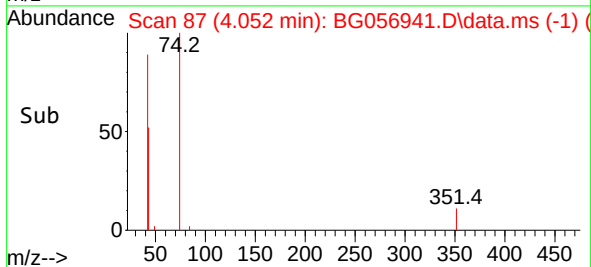
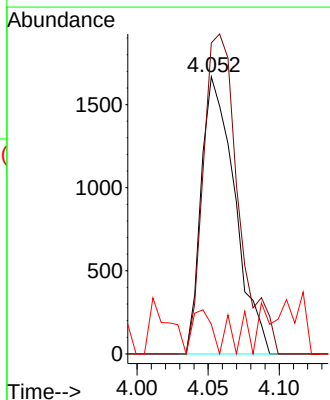
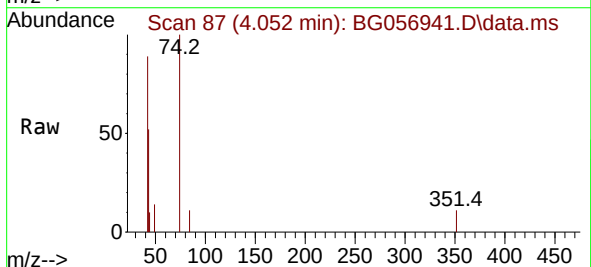
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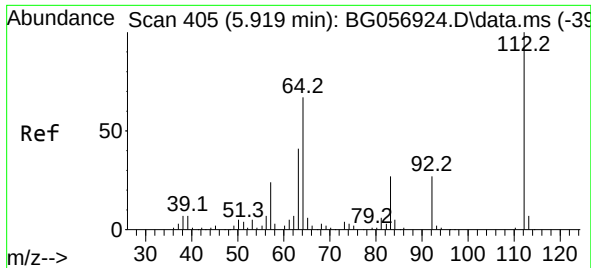
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#4
n-Nitrosodimethylamine
Concen: 4.398 ng
RT: 4.052 min Scan# 87
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion: 42 Resp: 2739
Ion Ratio Lower Upper
42 100
74 112.2 100.6 151.0
44 10.7 4.6 7.0





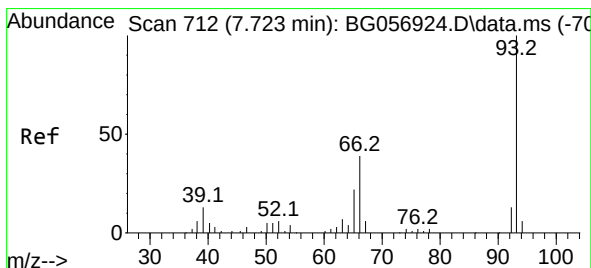
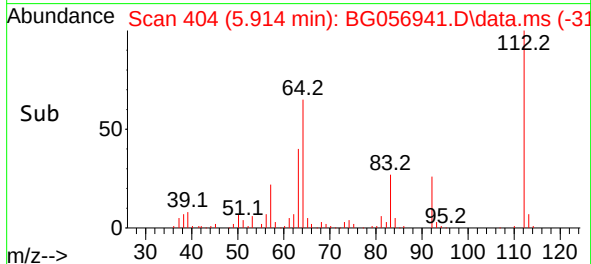
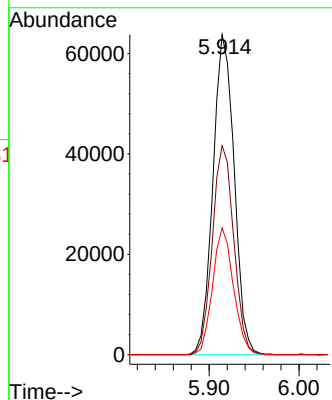
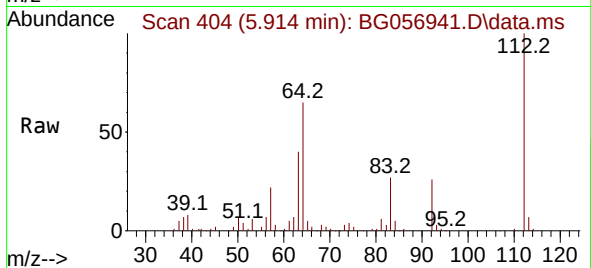
#5
2-Fluorophenol
Concen: 109.123 ng
RT: 5.914 min Scan# 405
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:112 Resp: 10469
Ion Ratio Lower Upper
112 100
64 65.3 53.2 79.8
63 39.6 32.6 48.8

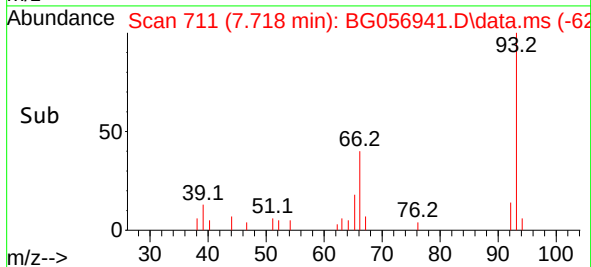
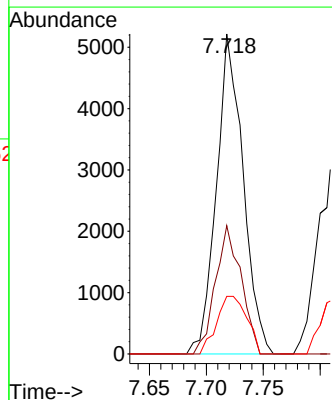
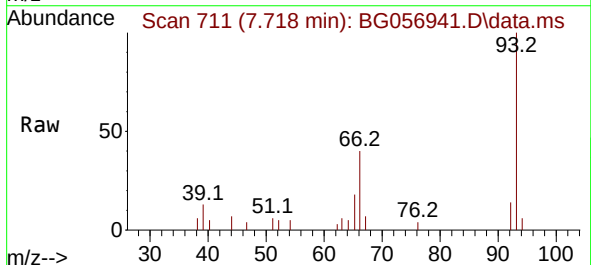
Manual Integrations
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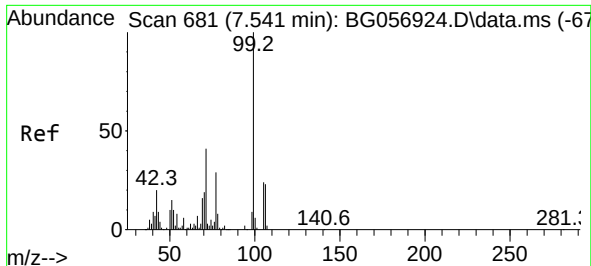
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#6
Aniline
Concen: 4.635 ng
RT: 7.718 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

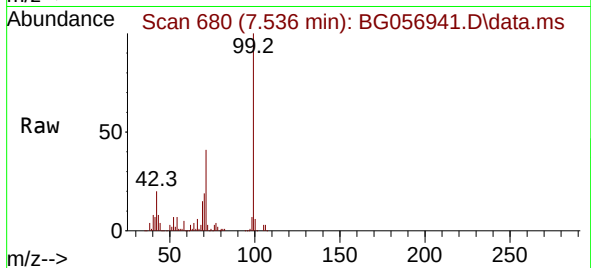
Tgt Ion: 93 Resp: 8503
Ion Ratio Lower Upper
93 100
66 40.1 31.4 47.0
65 18.0 17.3 25.9





#7
Phenol-d6
Concen: 108.154 ng
RT: 7.536 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

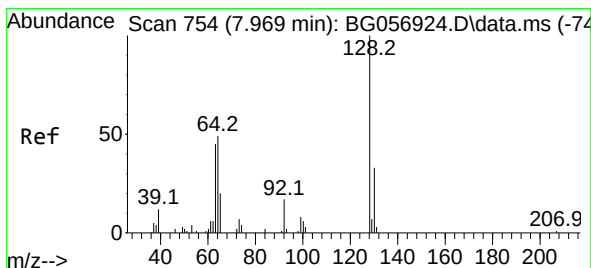
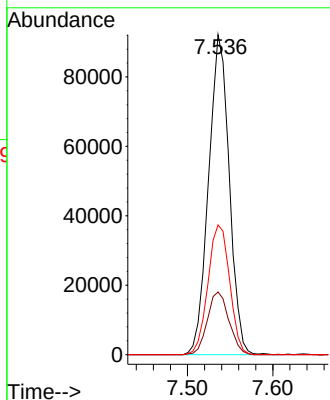
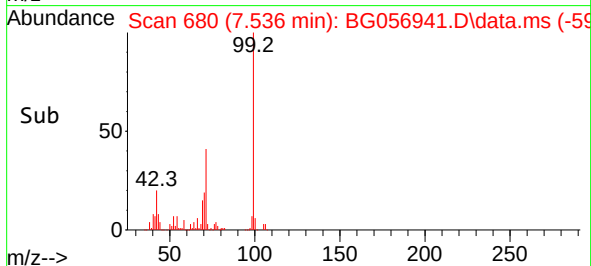
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 99 Resp: 155194
Ion Ratio Lower Upper
99 100
42 19.6 15.7 23.5
71 40.6 32.5 48.7

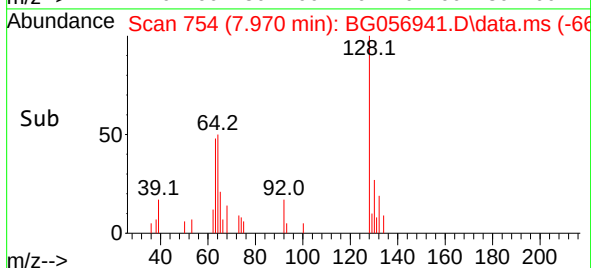
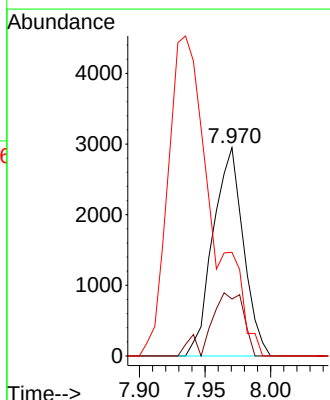
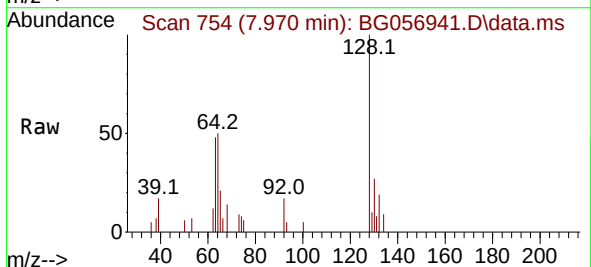
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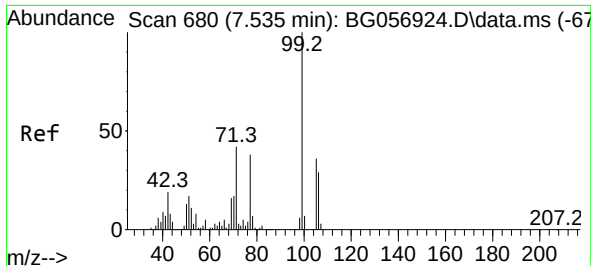
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#8
2-Chlorophenol
Concen: 4.972 ng
RT: 7.970 min Scan# 754
Delta R.T. 0.001 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

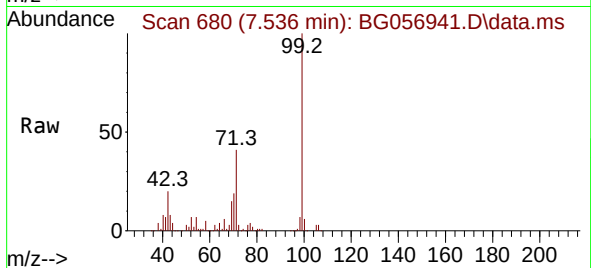
Tgt Ion:128 Resp: 4751
Ion Ratio Lower Upper
128 100
130 27.4 12.6 52.6
64 49.8 40.6 80.6





#9
Benzaldehyde
Concen: 6.794 ng
RT: 7.536 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

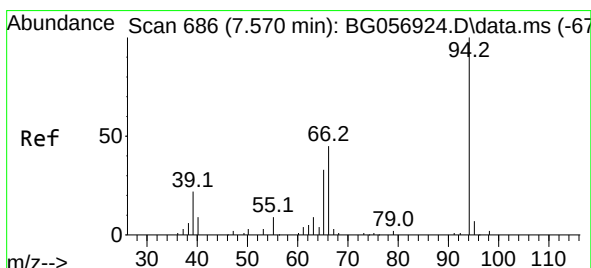
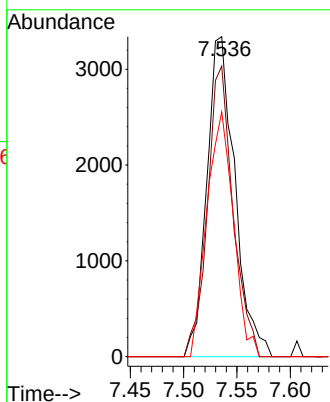
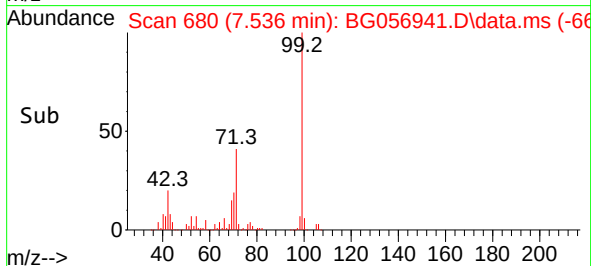
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 77 Resp: 611
Ion Ratio Lower Upper
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105 90.8 73.6 113.6
106 76.5 56.7 96.7

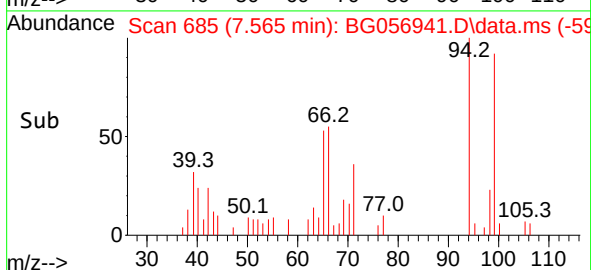
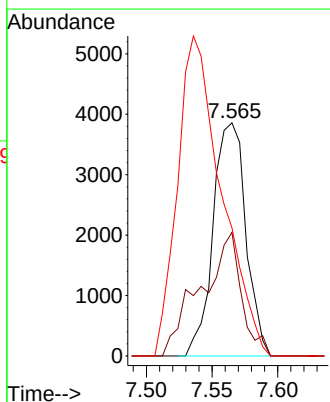
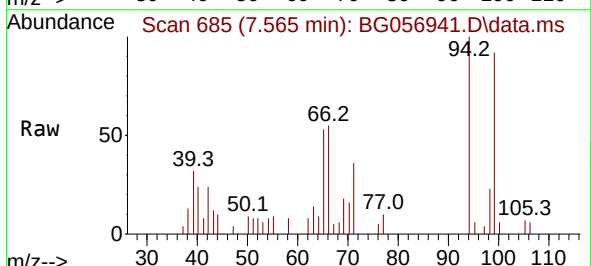
Manual Integrations
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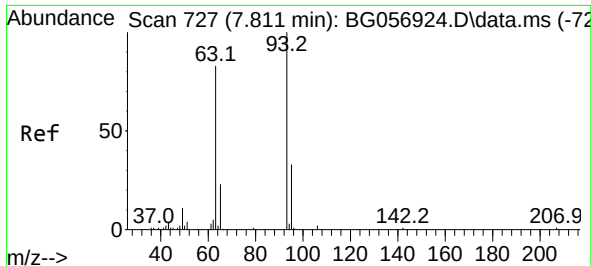
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#10
Phenol
Concen: 4.701 ng
RT: 7.565 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

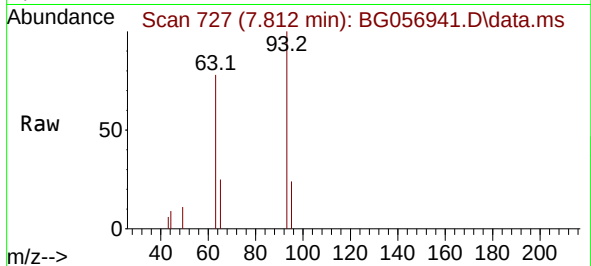
Tgt Ion: 94 Resp: 6684
Ion Ratio Lower Upper
94 100
65 53.0 13.3 53.3
66 54.9 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 5.097 ng
RT: 7.812 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

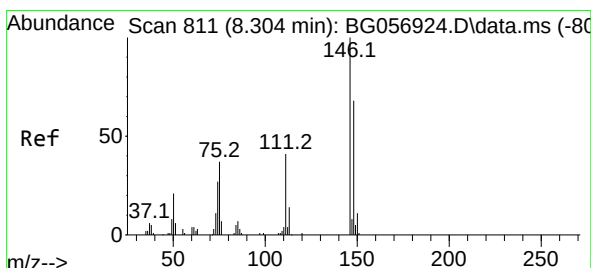
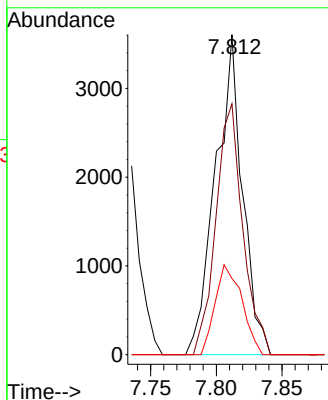
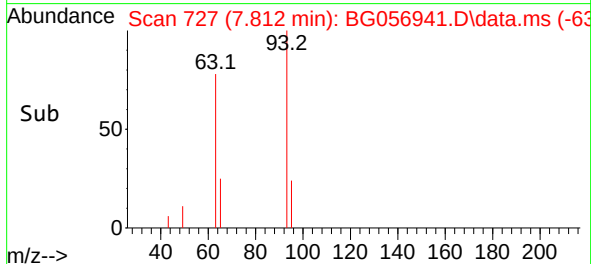
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 93 Resp: 516
Ion Ratio Lower Upper
93 100
63 78.4 62.7 102.7
95 23.8 12.3 52.3

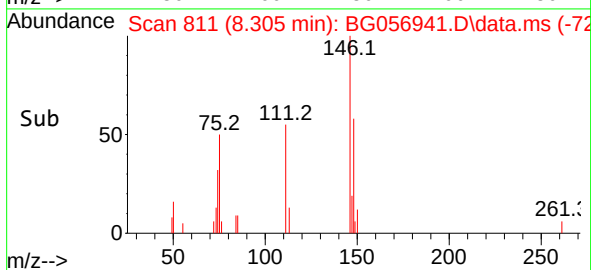
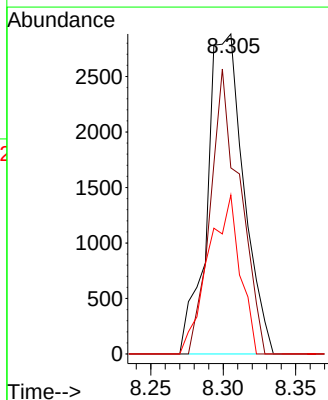
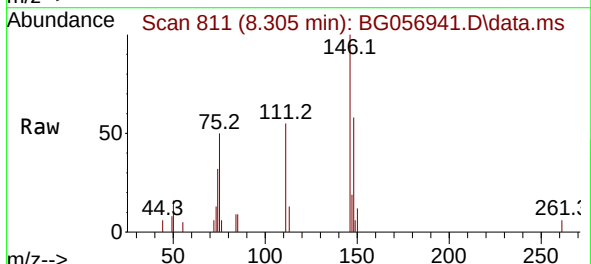
Manual Integrations
APPROVED

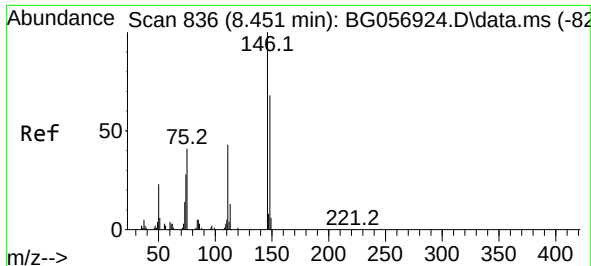
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#12
1,3-Dichlorobenzene
Concen: 4.785 ng m
RT: 8.305 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:146 Resp: 5053
Ion Ratio Lower Upper
146 100
148 58.1 54.2 81.4
75 49.6 29.8 44.8#





#13

1,4-Dichlorobenzene

Concen: 5.535 ng

RT: 8.446 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

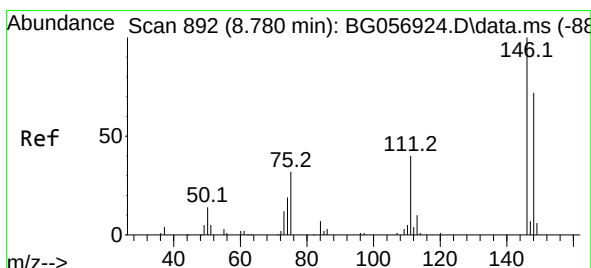
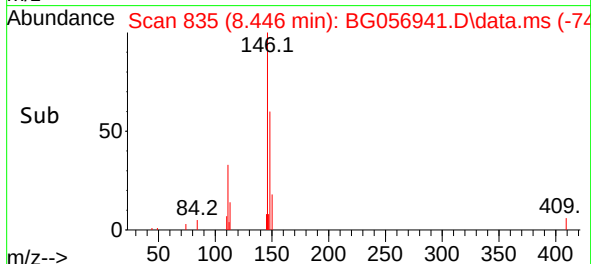
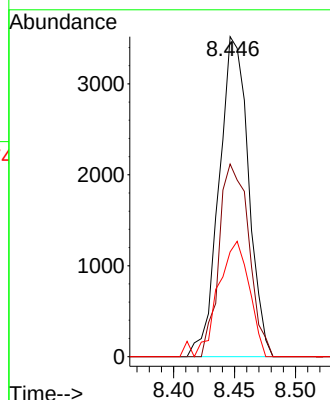
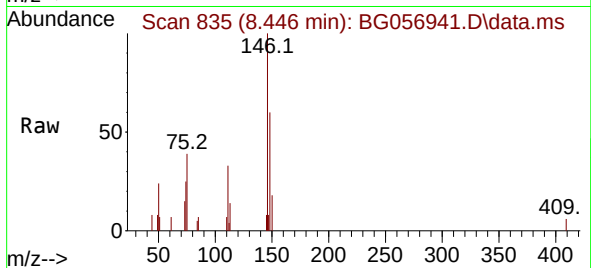
LOQ-WATER-02-QT1-2023

Tgt Ion:146 Resp: 5899
 Ion Ratio Lower Upper
 146 100
 148 60.2 54.8 82.2
 111 32.8 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023



#14

1,2-Dichlorobenzene

Concen: 5.031 ng

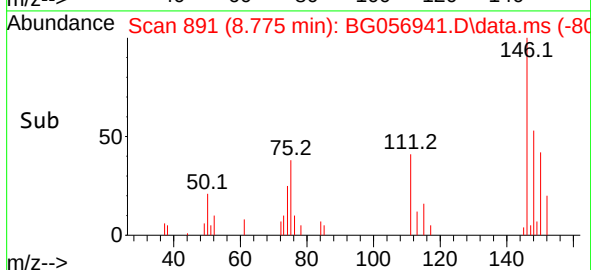
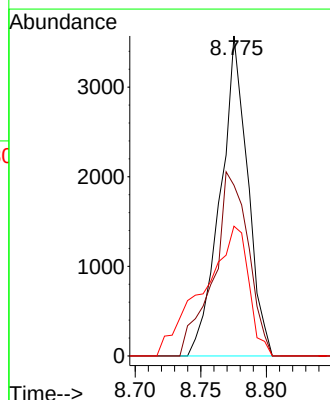
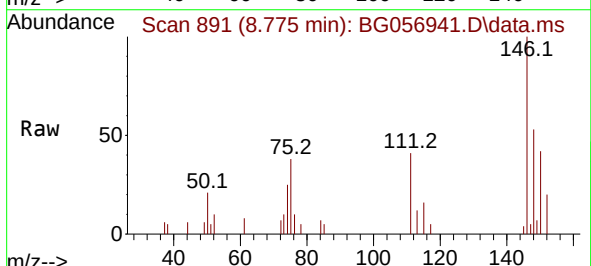
RT: 8.775 min Scan# 891

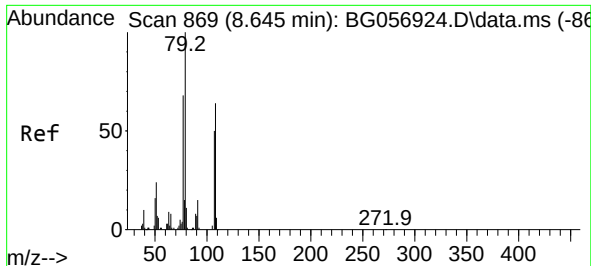
Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

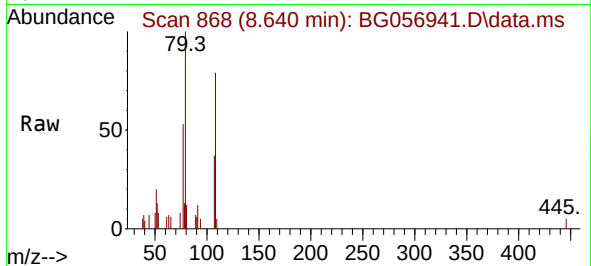
Tgt Ion:146 Resp: 5180
 Ion Ratio Lower Upper
 146 100
 148 53.4 57.4 86.0#
 111 40.6 33.2 49.8





#15
Benzyl Alcohol
Concen: 4.753 ng
RT: 8.640 min Scan# 869
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

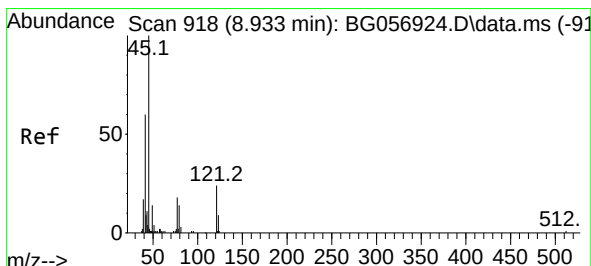
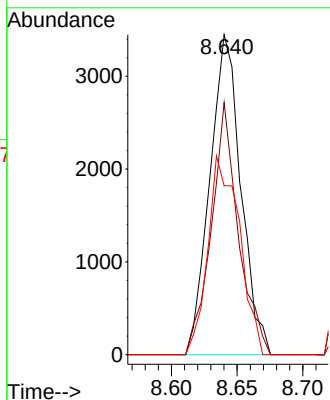
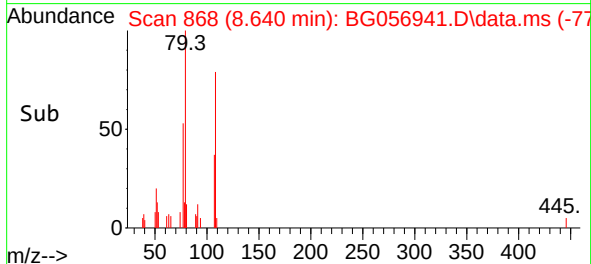
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 79 Resp: 566
Ion Ratio Lower Upper
79 100
108 78.7 51.2 76.8
77 52.8 54.4 81.6

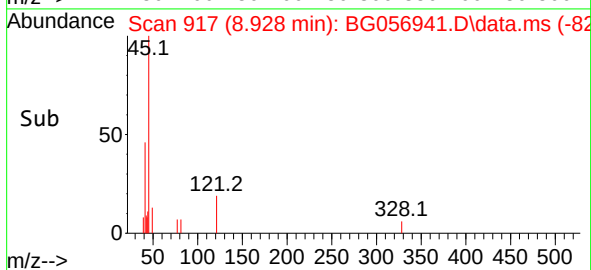
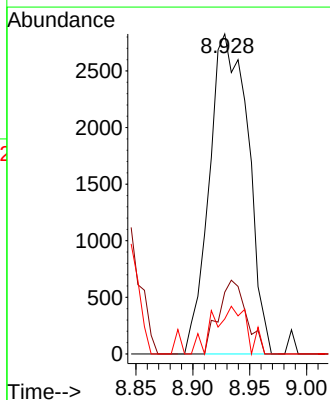
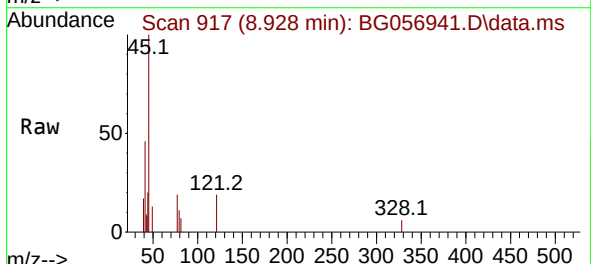
Manual Integrations
APPROVED

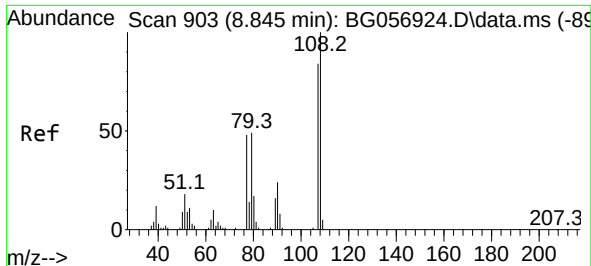
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.485 ng
RT: 8.928 min Scan# 917
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

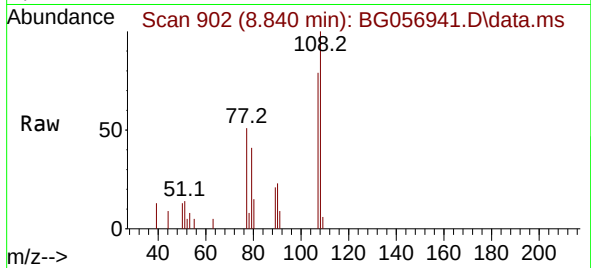
Tgt Ion: 45 Resp: 6695
Ion Ratio Lower Upper
45 100
77 19.3 0.0 38.7
79 10.9 0.0 35.1





#17
2-Methylphenol
Concen: 4.398 ng
RT: 8.840 min Scan# 903
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

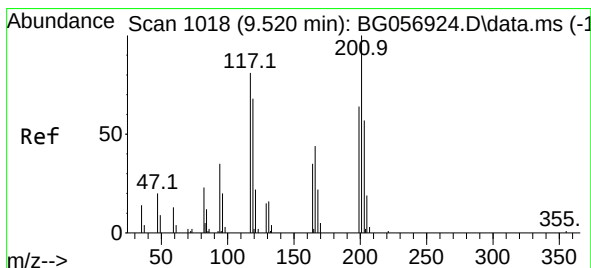
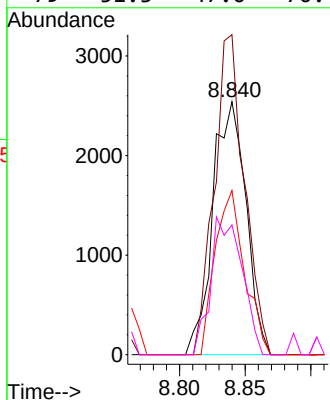
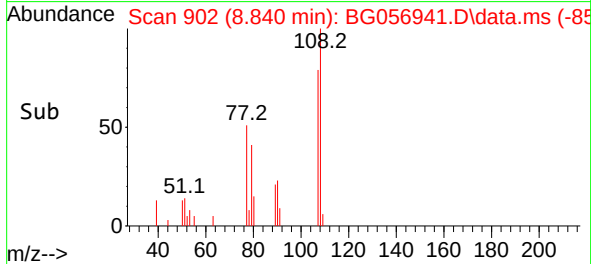
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:107 Resp: 446
Ion Ratio Lower Upper
107 100
108 126.5 96.0 144.0
77 64.9 45.6 68.4
79 51.3 47.0 70.4

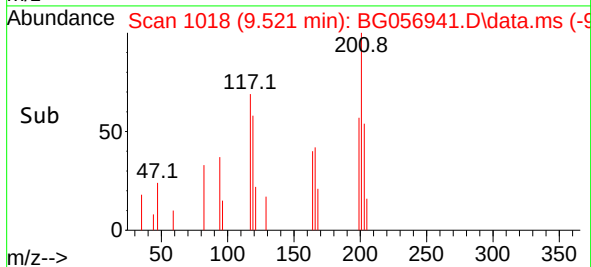
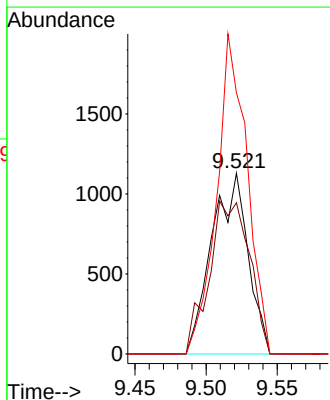
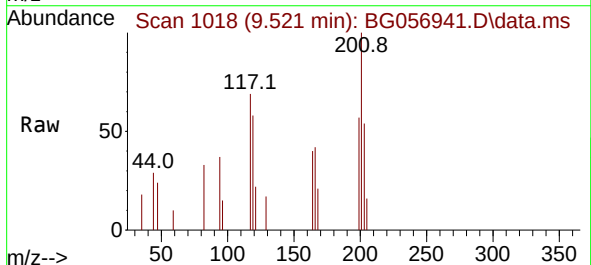
Manual Integrations
APPROVED

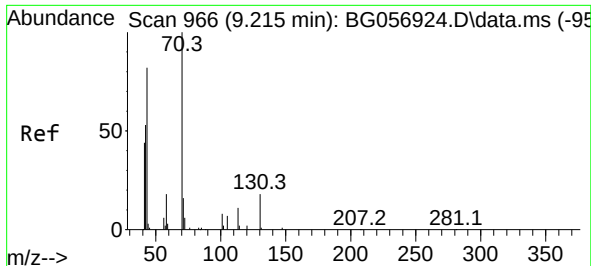
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#18
Hexachloroethane
Concen: 5.124 ng
RT: 9.521 min Scan# 1018
Delta R.T. 0.001 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:117 Resp: 1996
Ion Ratio Lower Upper
117 100
119 83.6 67.0 100.6
201 144.4 98.7 148.1





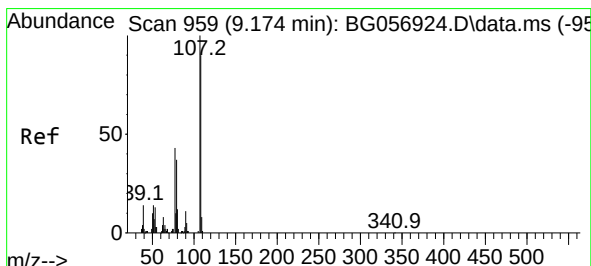
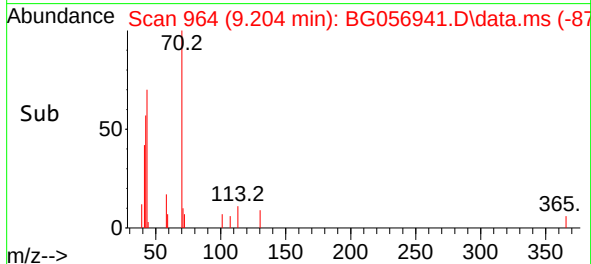
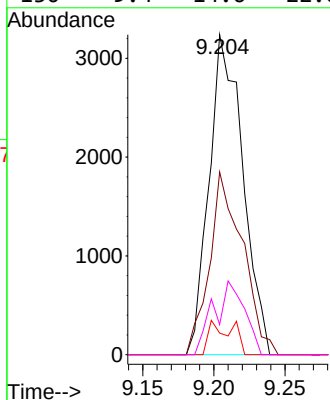
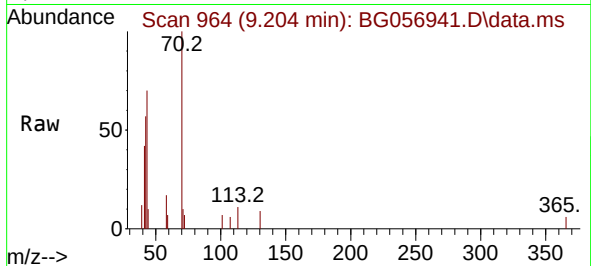
#19
n-Nitroso-di-n-propylamine
Concen: 5.194 ng
RT: 9.204 min Scan# 90
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 70 Resp: 533
Ion Ratio Lower Upper
70 100
42 57.1 43.4 65.0
101 6.8 6.2 9.2
130 9.4 14.6 22.0#

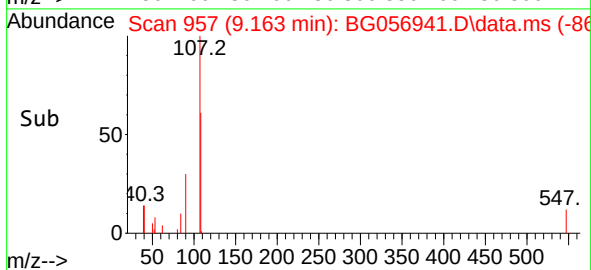
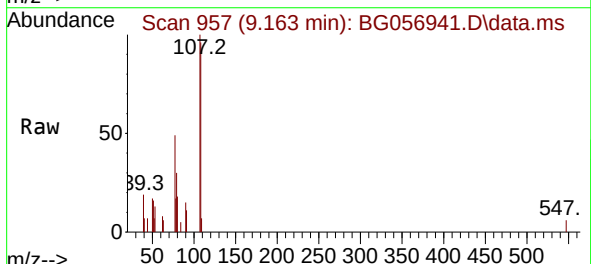
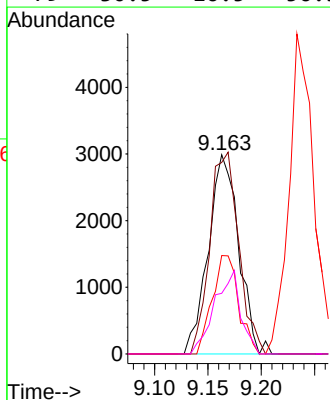
Manual Integrations
APPROVED

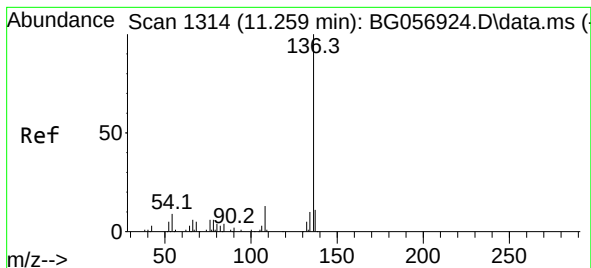
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#20
3+4-Methylphenols
Concen: 4.175 ng
RT: 9.163 min Scan# 957
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

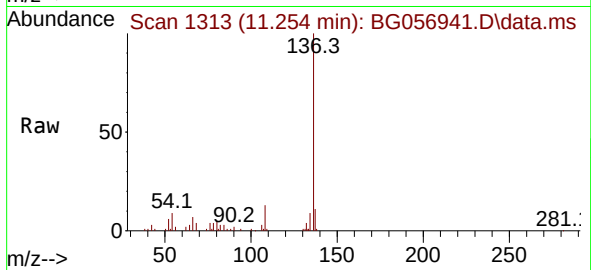
Tgt Ion:107 Resp: 5922
Ion Ratio Lower Upper
107 100
108 96.2 69.9 109.9
77 49.4 22.7 62.7
79 30.5 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.254 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

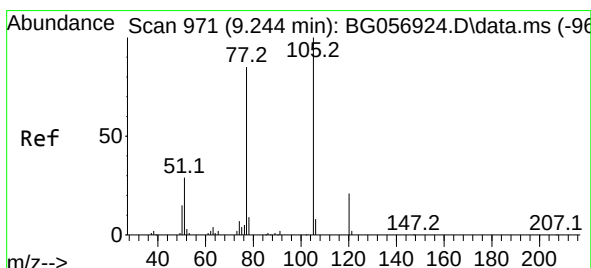
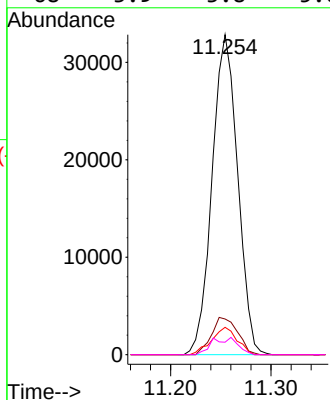
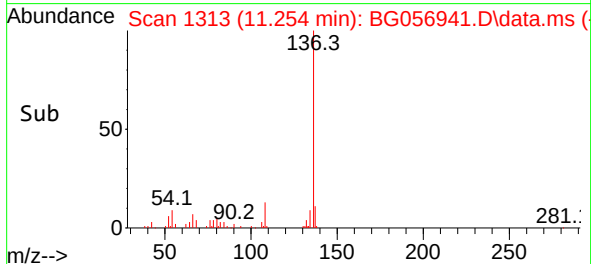
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:136 Resp: 5817
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.9 10.3
68 3.9 3.8 5.6

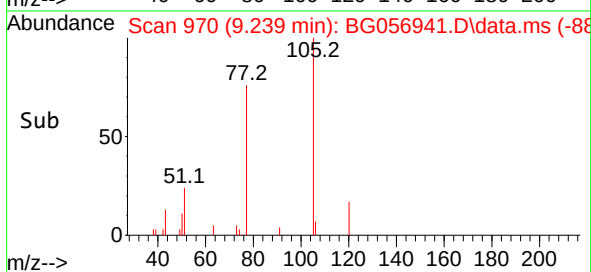
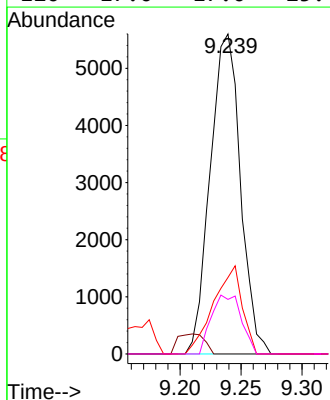
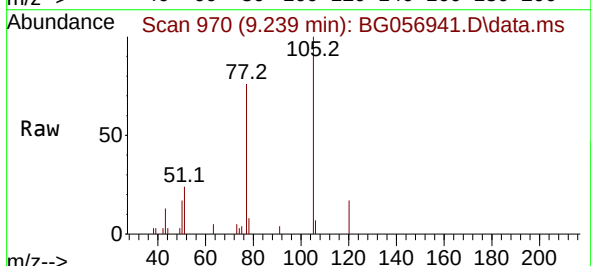
Manual Integrations
APPROVED

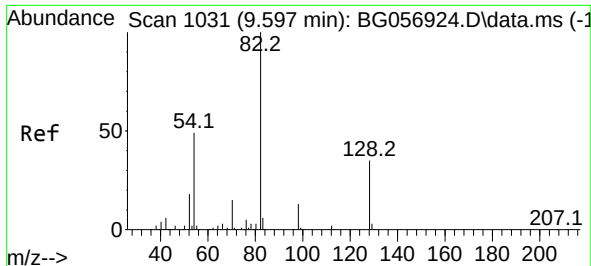
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#22
Acetophenone
Concen: 5.588 ng
RT: 9.239 min Scan# 970
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

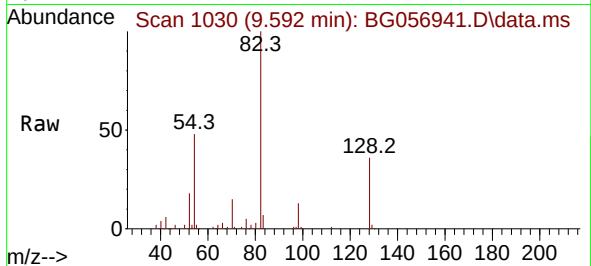
Tgt Ion:105 Resp: 9674
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 23.9 23.8 35.8
120 17.0 17.0 25.4





#23
Nitrobenzene-d5
Concen: 85.489 ng
RT: 9.592 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

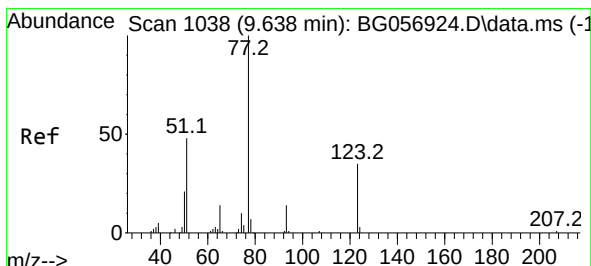
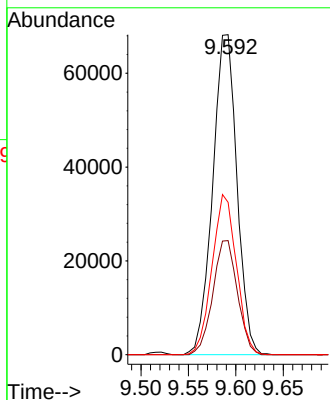
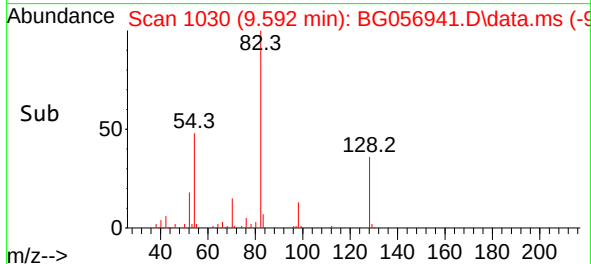
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 82 Resp: 12154
Ion Ratio Lower Upper
82 100
128 35.7 27.9 41.9
54 47.6 39.4 59.2

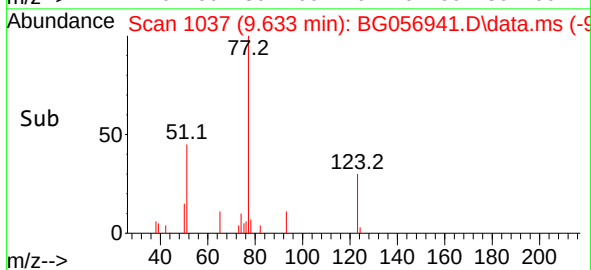
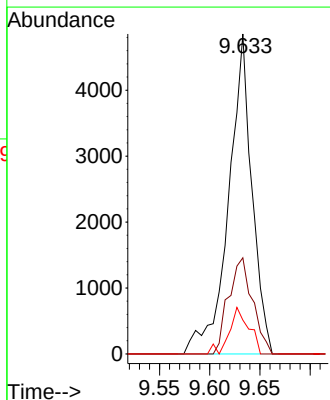
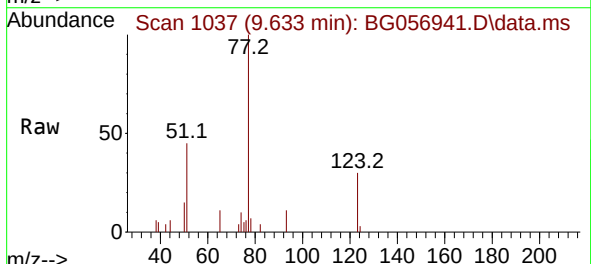
Manual Integrations
APPROVED

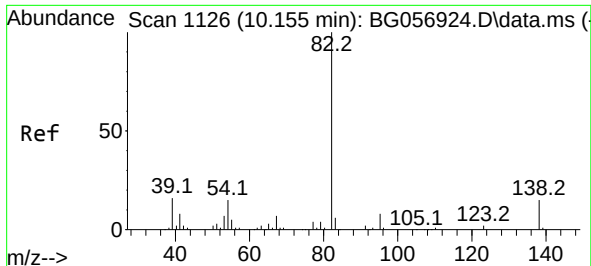
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#24
Nitrobenzene
Concen: 5.405 ng
RT: 9.633 min Scan# 1037
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion: 77 Resp: 7856
Ion Ratio Lower Upper
77 100
123 30.1 27.6 41.4
65 10.6 11.5 17.3#





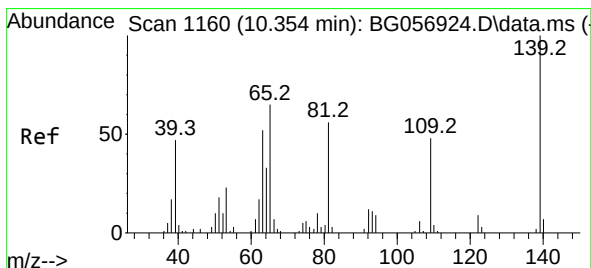
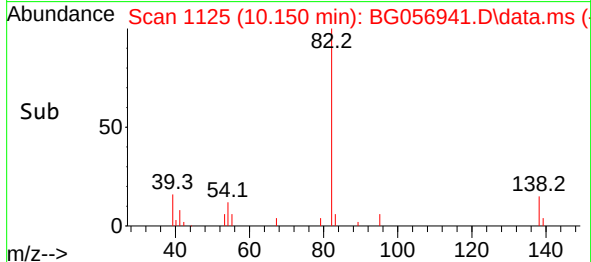
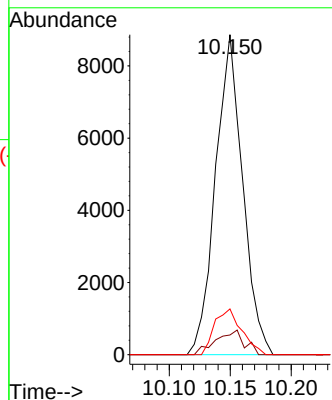
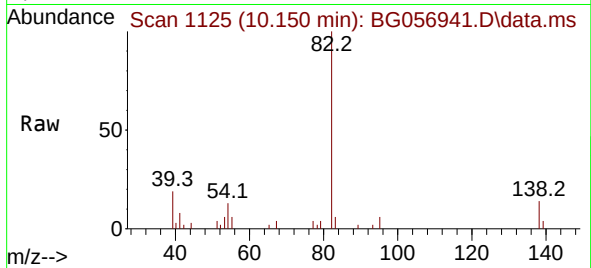
#25
Isophorone
Concen: 5.080 ng
RT: 10.150 min Scan# 1125
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 82 Resp: 1375
Ion Ratio Lower Upper
82 100
95 6.1 6.3 9.5
138 14.3 11.8 17.8

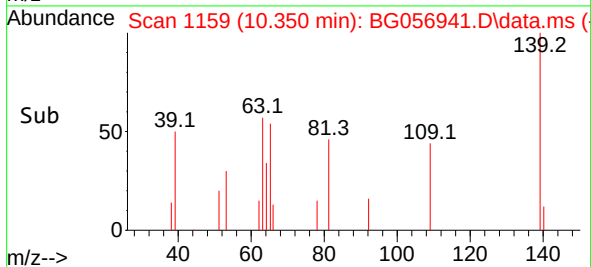
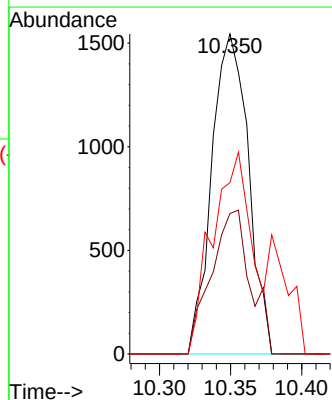
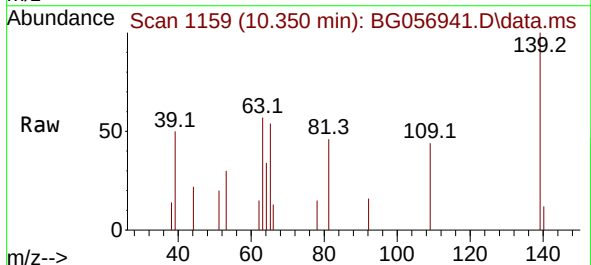
Manual Integrations
APPROVED

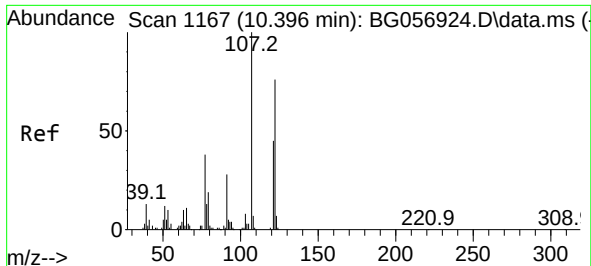
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#26
2-Nitrophenol
Concen: 4.925 ng
RT: 10.350 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:139 Resp: 2763
Ion Ratio Lower Upper
139 100
109 43.9 38.2 57.4
65 53.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 4.803 ng

RT: 10.385 min Scan# 1165

Delta R.T. -0.011 min

Lab File: BG056941.D

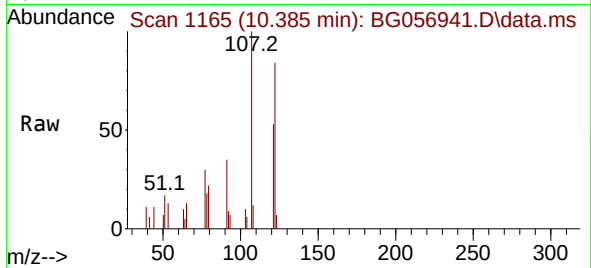
Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

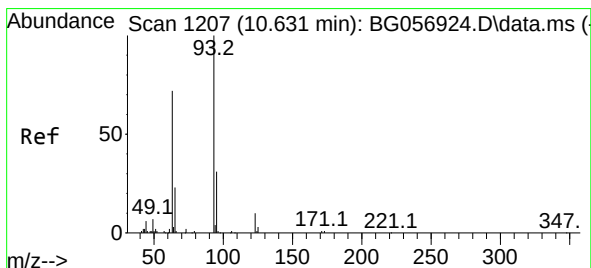
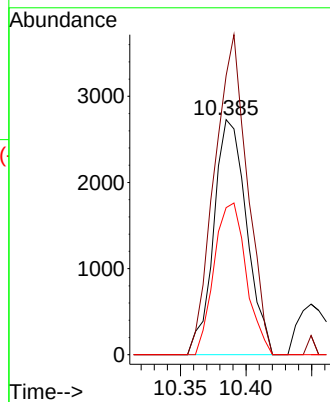
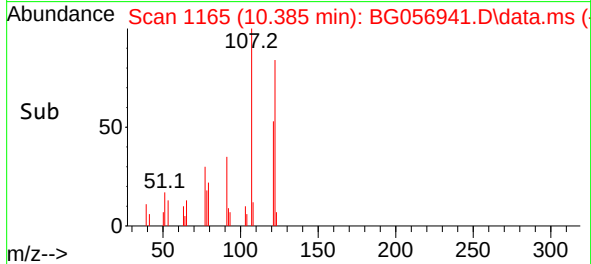


Tgt Ion:	122	Resp:	4758
Ion Ratio	Lower	Upper	
122	100		
107	118.8	105.7	158.5
121	62.6	48.0	72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 4.916 ng

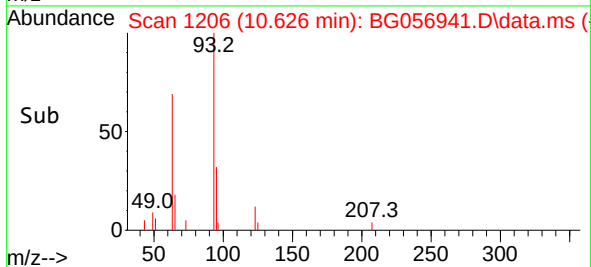
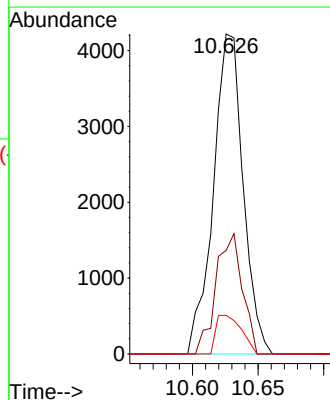
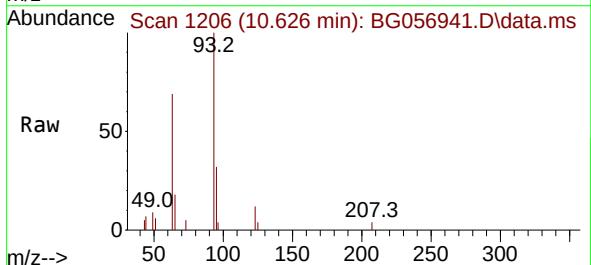
RT: 10.626 min Scan# 1206

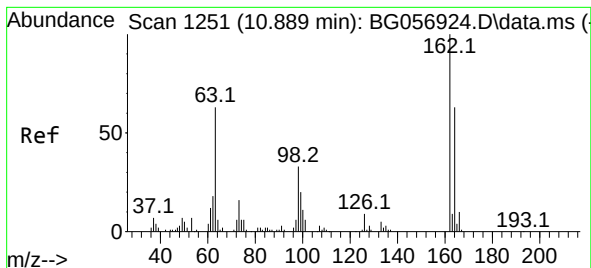
Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Tgt Ion:	93	Resp:	6663
Ion Ratio	Lower	Upper	
93	100		
95	32.3	24.6	37.0
123	12.1	7.8	11.6





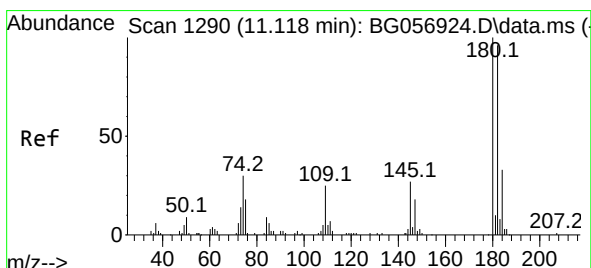
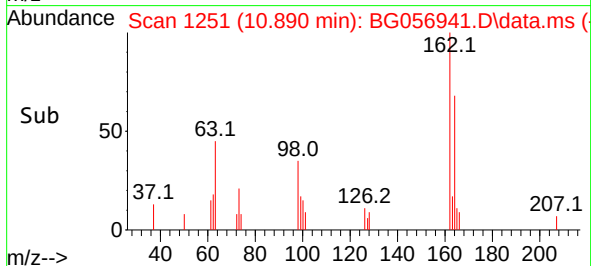
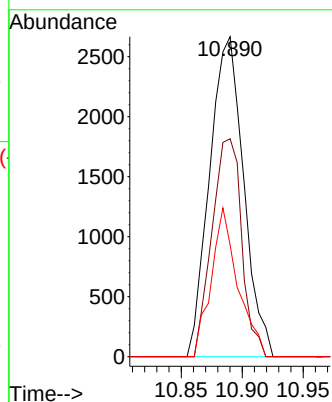
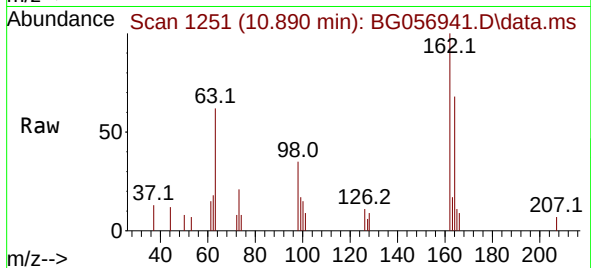
#29
2,4-Dichlorophenol
Concen: 4.851 ng
RT: 10.890 min Scan# 1251
Delta R.T. 0.001 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:162 Resp: 516
Ion Ratio Lower Upper
162 100
164 68.1 43.4 83.4
98 34.9 12.5 52.5

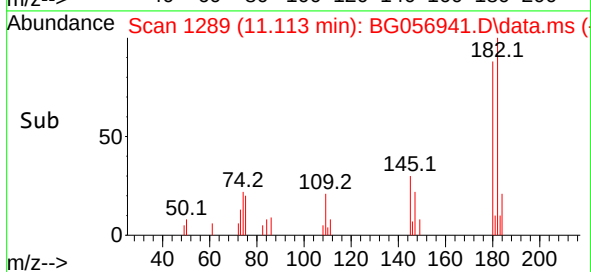
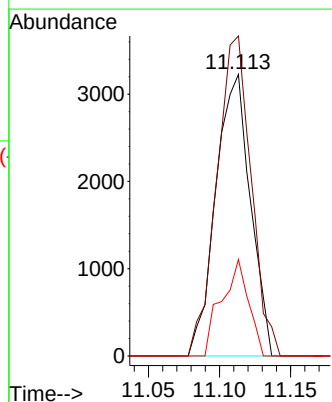
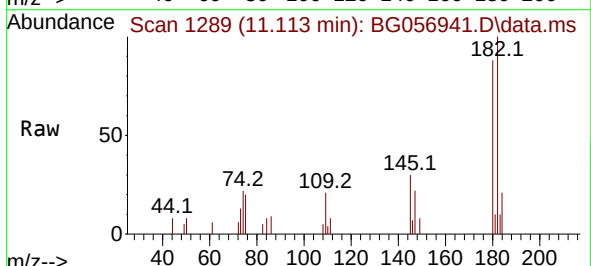
Manual Integrations
APPROVED

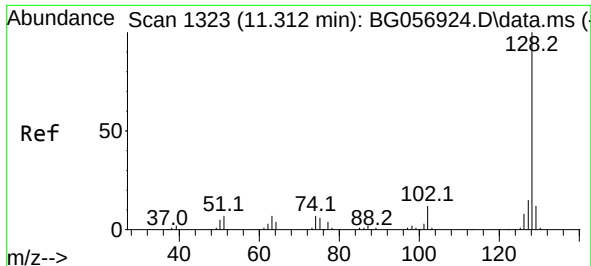
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#30
1,2,4-Trichlorobenzene
Concen: 4.829 ng
RT: 11.113 min Scan# 1289
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

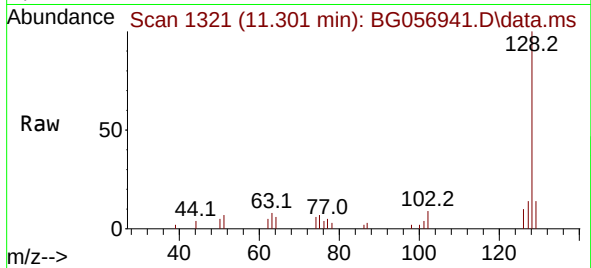
Tgt Ion:180 Resp: 5466
Ion Ratio Lower Upper
180 100
182 113.6 77.1 115.7
145 34.3 21.3 31.9#





#31
Naphthalene
Concen: 5.163 ng
RT: 11.301 min Scan# 1176
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

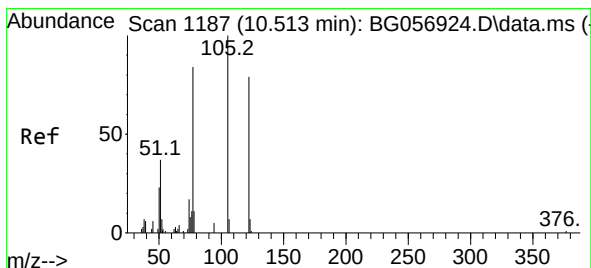
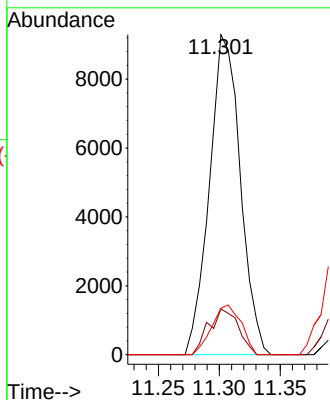
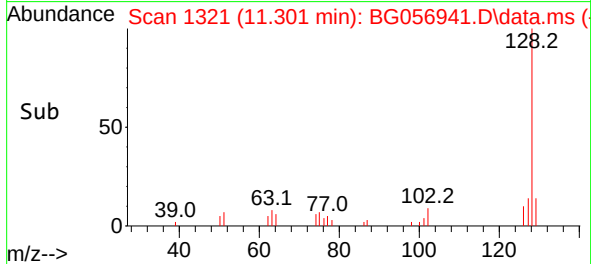
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



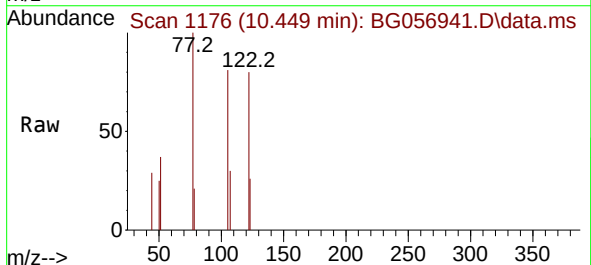
Tgt Ion:128 Resp: 16370
Ion Ratio Lower Upper
128 100
129 14.3 9.4 14.2
127 14.5 12.2 18.4

Manual Integrations
APPROVED

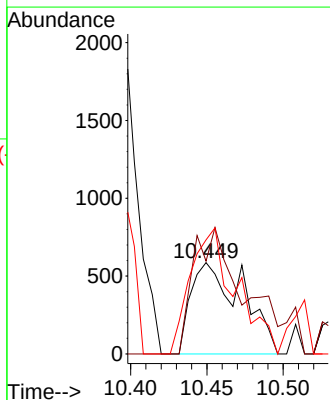
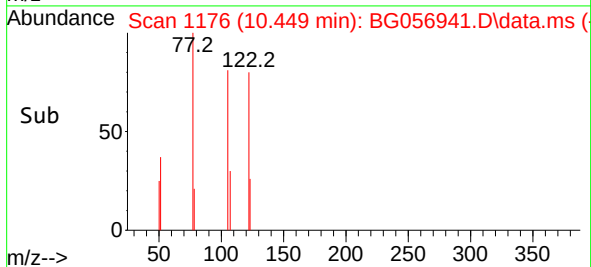
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

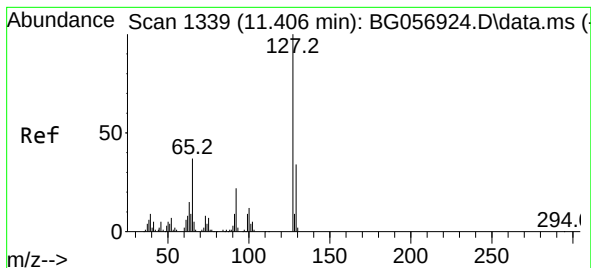


#32
Benzoic acid
Concen: 2.025 ng m
RT: 10.449 min Scan# 1176
Delta R.T. -0.064 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



Tgt Ion:122 Resp: 1378
Ion Ratio Lower Upper
122 100
105 101.5 105.4 145.4#
77 124.9 87.4 127.4





#33

4-Chloroaniline

Concen: 4.995 ng

RT: 11.401 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056941.D

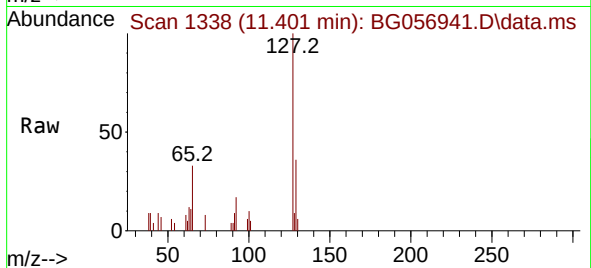
Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



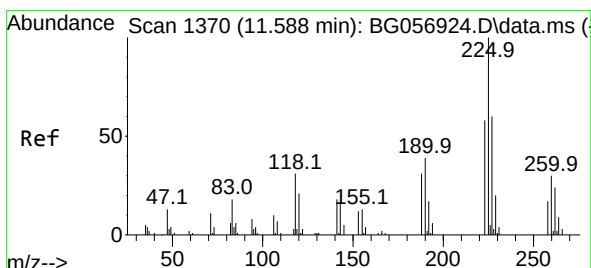
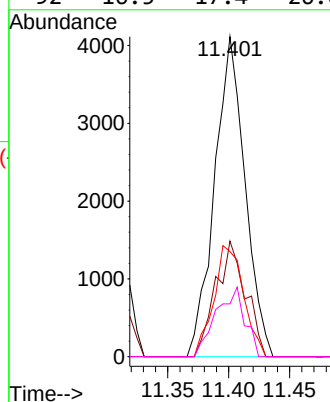
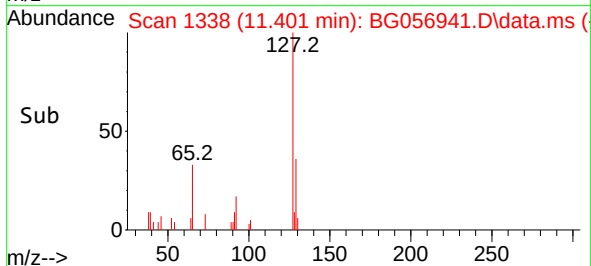
Tgt Ion:	127	Resp:	715
Ion Ratio	Lower	Upper	
127	100		
129	36.1	27.6	41.4
65	32.8	29.8	44.8
92	16.5	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#34

Hexachlorobutadiene

Concen: 4.736 ng

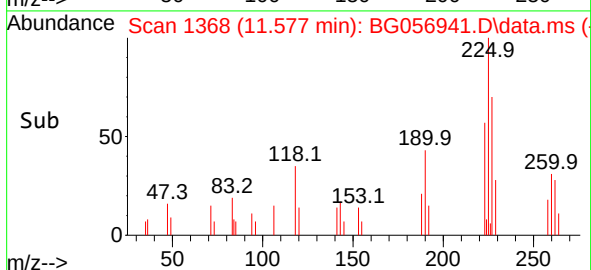
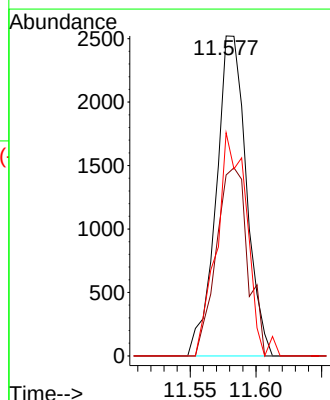
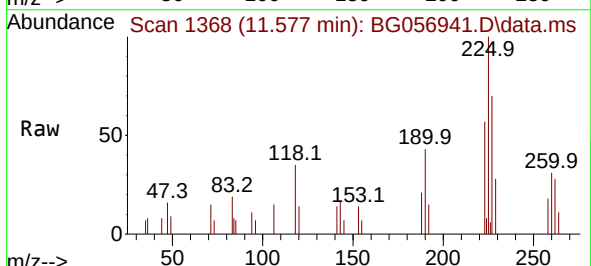
RT: 11.577 min Scan# 1368

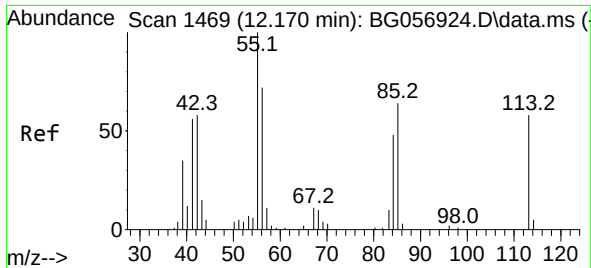
Delta R.T. -0.011 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

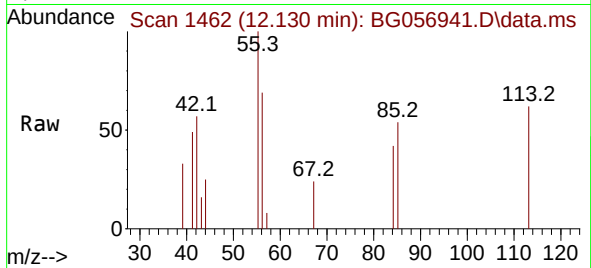
Tgt Ion:	225	Resp:	4027
Ion Ratio	Lower	Upper	
225	100		
223	56.5	46.4	69.6
227	69.7	48.0	72.0





#35
Caprolactam
Concen: 5.669 ng
RT: 12.130 min Scan# 1469
Delta R.T. -0.040 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

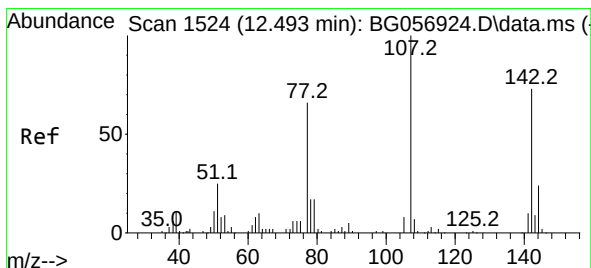
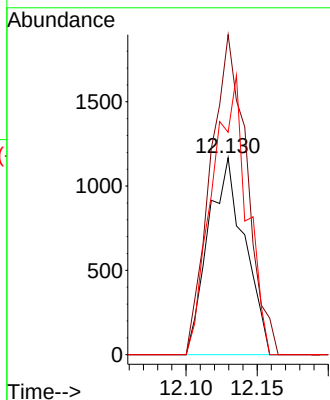
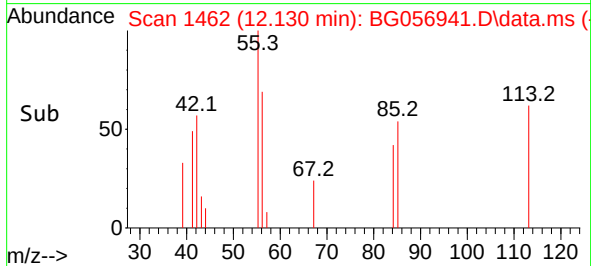
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:113 Resp: 2083
Ion Ratio Lower Upper
113 100
55 162.5 151.6 191.6
56 112.9 103.7 143.7

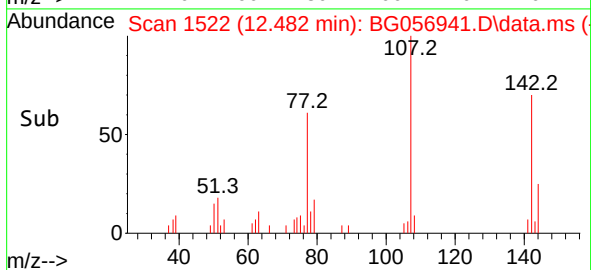
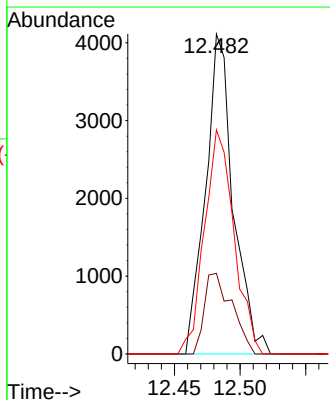
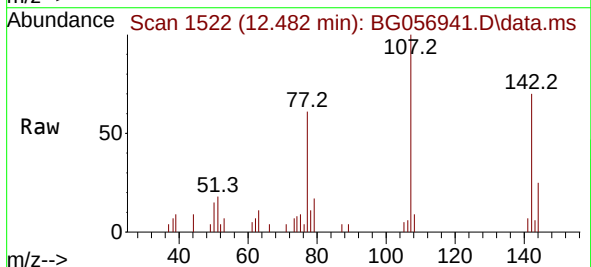
Manual Integrations
APPROVED

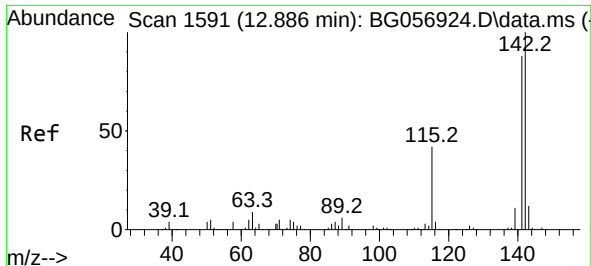
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#36
4-Chloro-3-methylphenol
Concen: 5.079 ng
RT: 12.482 min Scan# 1522
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:107 Resp: 6051
Ion Ratio Lower Upper
107 100
144 25.2 19.0 28.4
142 70.1 58.6 88.0





#37

2-Methylnaphthalene

Concen: 4.779 ng

RT: 12.876 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

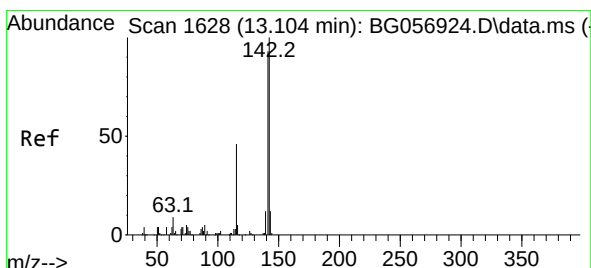
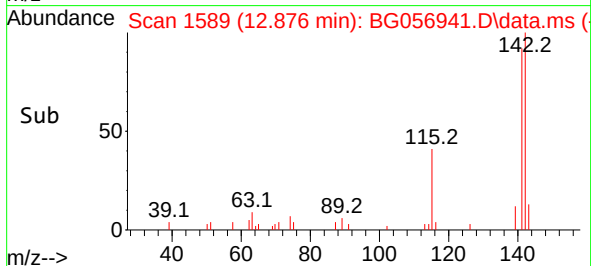
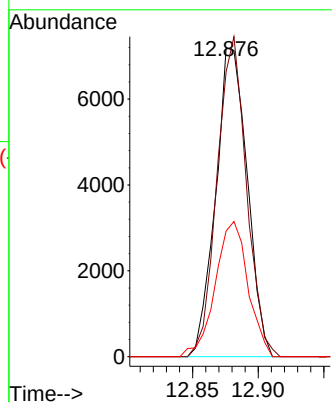
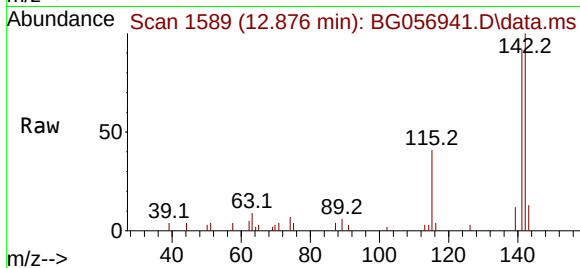
LOQ-WATER-02-QT1-2023

Tgt Ion:	142	Resp:	1202
Ion Ratio	Lower	Upper	
142	100		
141	92.3	70.3	105.5
115	40.7	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#38

1-Methylnaphthalene

Concen: 5.207 ng m

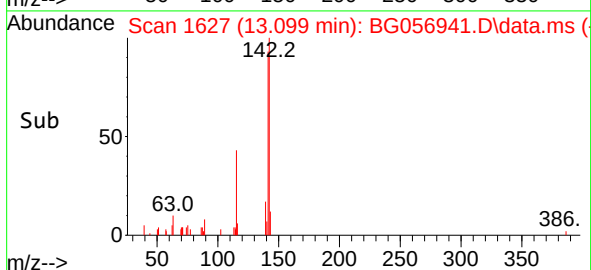
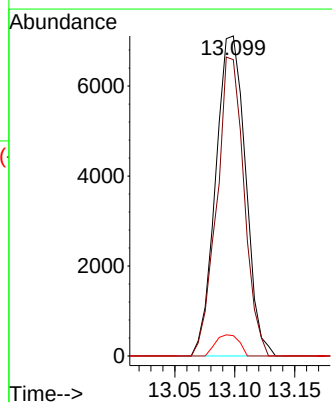
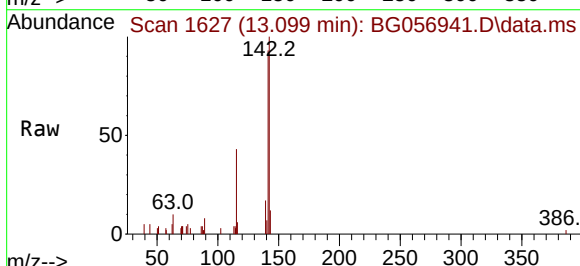
RT: 13.099 min Scan# 1627

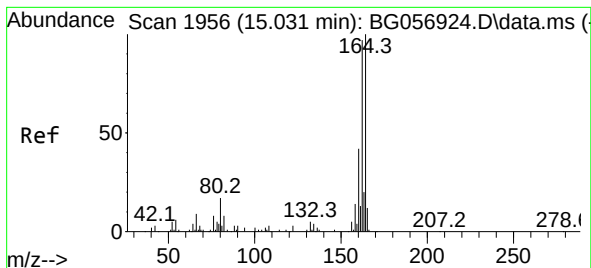
Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

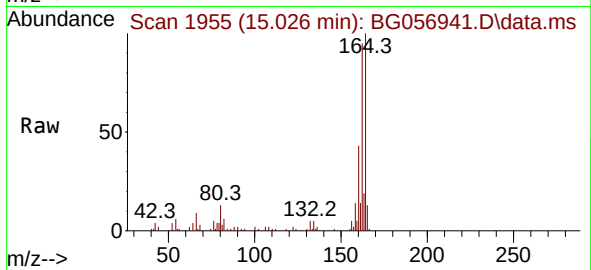
Tgt Ion:	142	Resp:	12306
Ion Ratio	Lower	Upper	
142	100		
141	92.6	74.0	111.0
116	6.4	3.7	5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.026 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

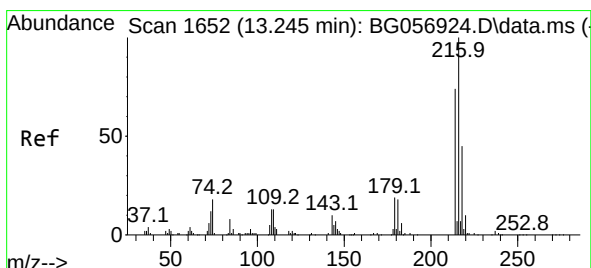
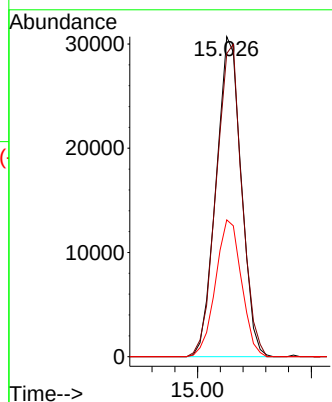
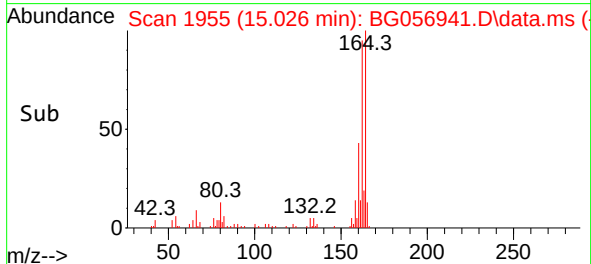
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



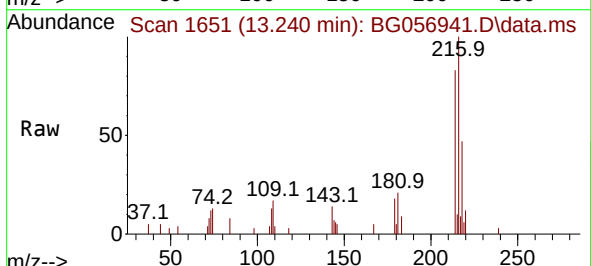
Tgt Ion:164 Resp: 47159
Ion Ratio Lower Upper
164 100
162 94.8 77.8 116.8
160 42.8 33.5 50.3

Manual Integrations
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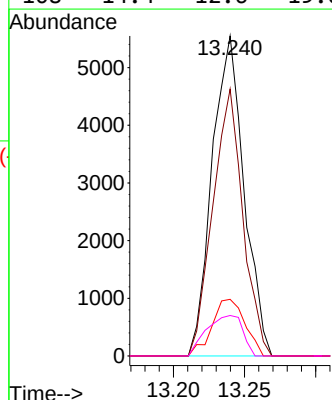
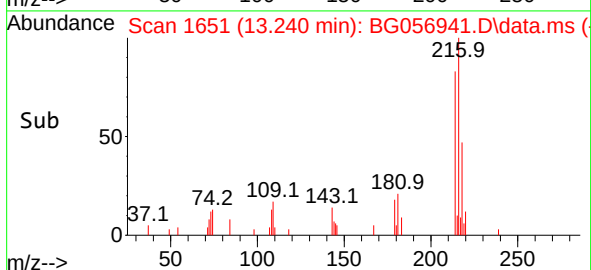
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

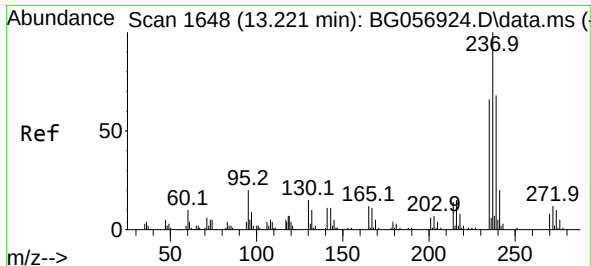


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.286 ng
RT: 13.240 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



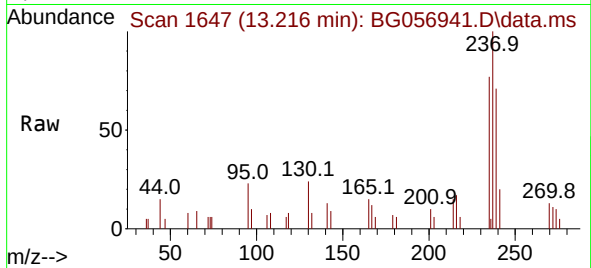
Tgt Ion:216 Resp: 8645
Ion Ratio Lower Upper
216 100
214 78.5 63.3 94.9
179 18.3 15.0 22.6
108 14.4 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 5.082 ng
RT: 13.216 min Scan# 1647
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

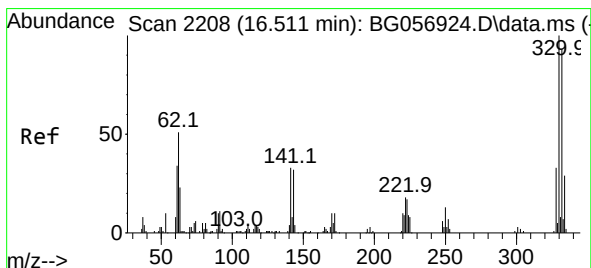
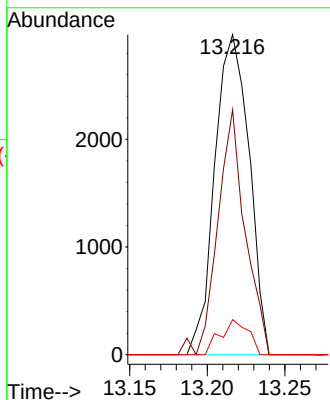
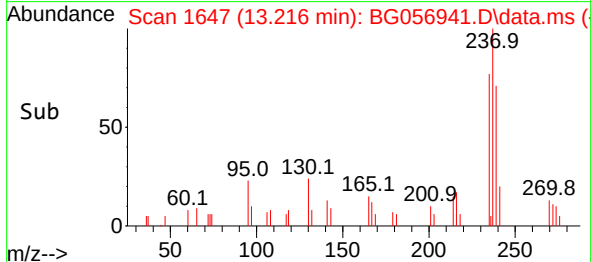
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



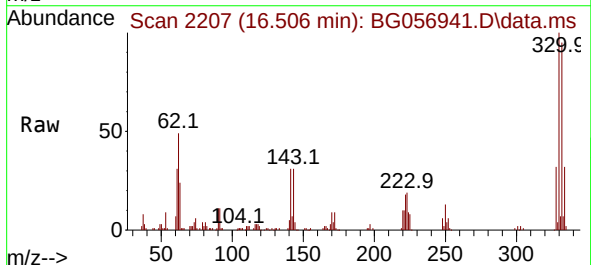
Tgt Ion:237 Resp: 4579
Ion Ratio Lower Upper
237 100
235 76.5 45.9 85.9
272 10.9 0.0 32.3

Manual Integrations
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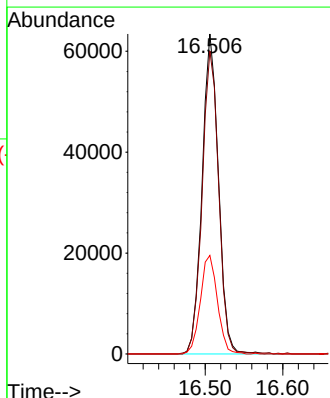
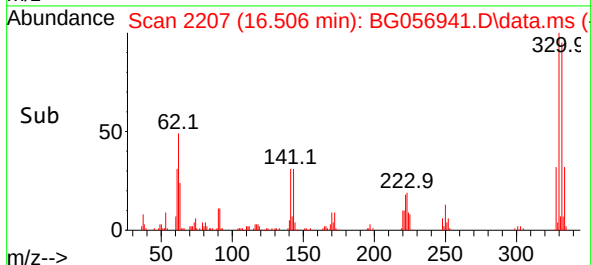
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

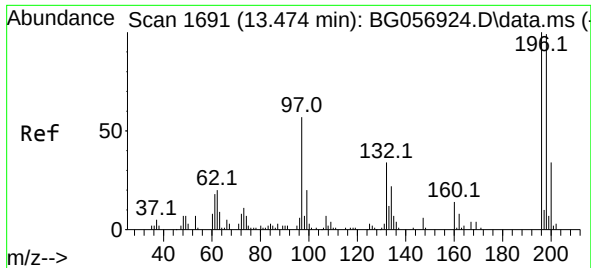


#42
2,4,6-Tribromophenol
Concen: 123.252 ng
RT: 16.506 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



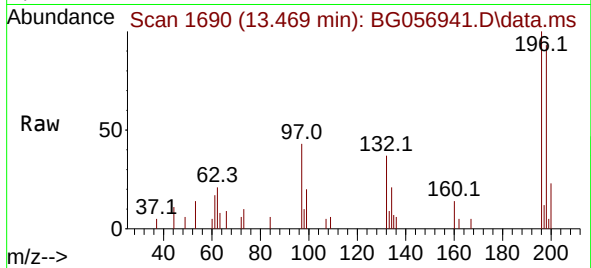
Tgt Ion:330 Resp: 92856
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 32.1 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 5.079 ng m
RT: 13.469 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

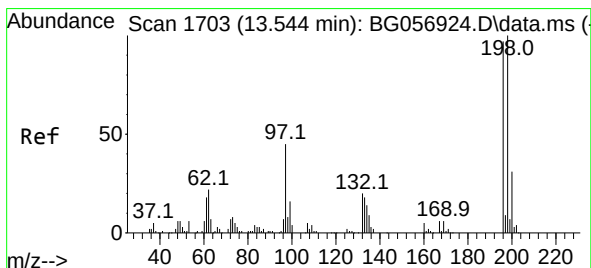
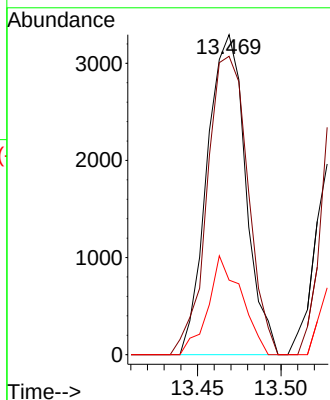
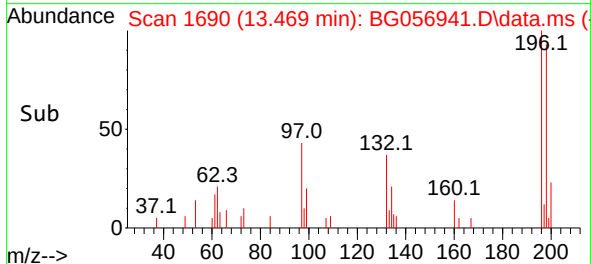
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:196 Resp: 5300
Ion Ratio Lower Upper
196 100
198 93.3 79.1 118.7
200 23.3 27.2 40.8

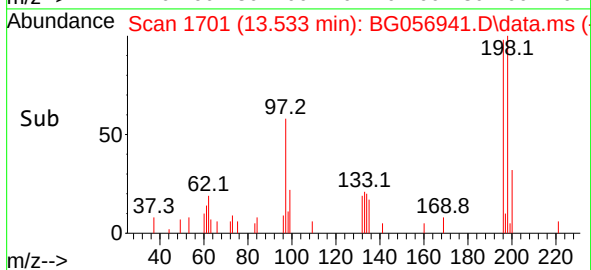
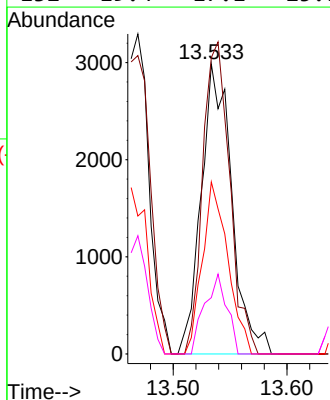
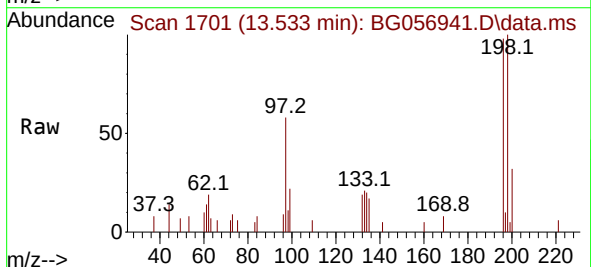
Manual Integrations
APPROVED

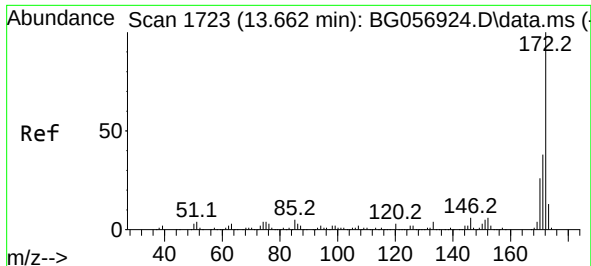
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#44
2,4,5-Trichlorophenol
Concen: 4.517 ng
RT: 13.533 min Scan# 1701
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

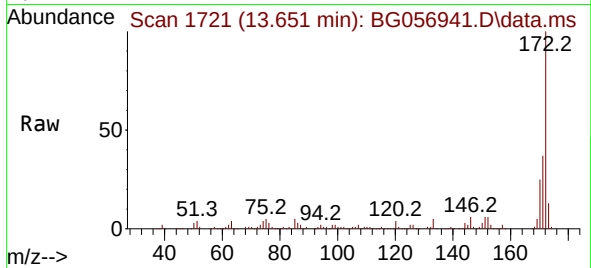
Tgt Ion:196 Resp: 5584
Ion Ratio Lower Upper
196 100
198 102.2 82.5 123.7
97 59.3 37.0 55.6#
132 19.4 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 85.357 ng
RT: 13.651 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

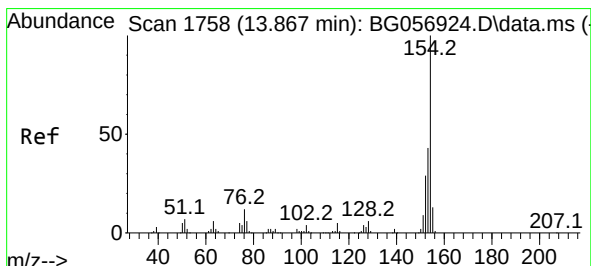
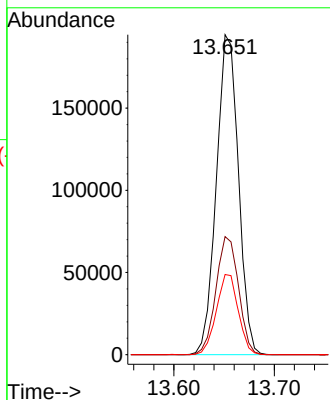
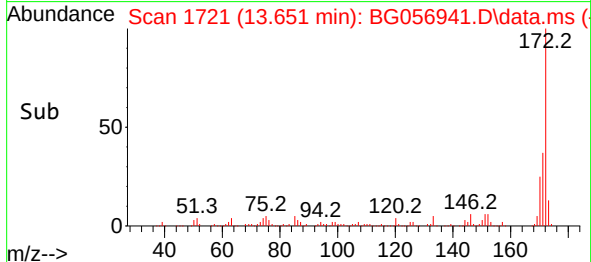
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



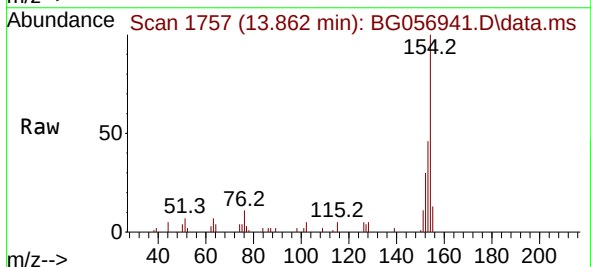
Tgt Ion:172 Resp: 29685
Ion Ratio Lower Upper
172 100
171 36.9 30.6 46.0
170 25.1 20.6 30.8

Manual Integrations
APPROVED

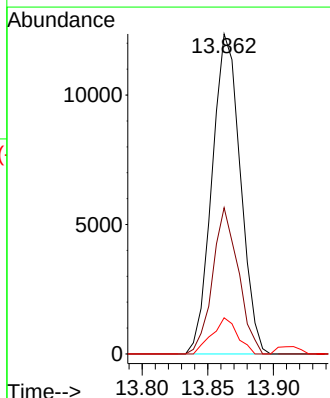
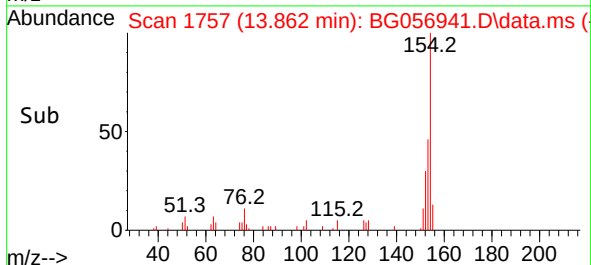
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

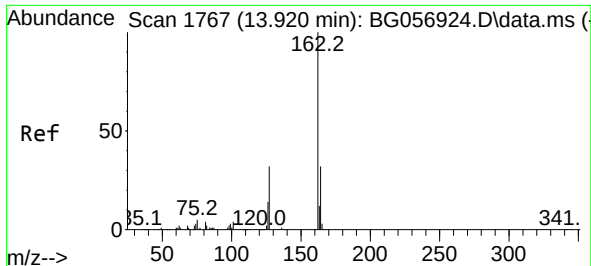


#46
1,1'-Biphenyl
Concen: 5.377 ng
RT: 13.862 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



Tgt Ion:154 Resp: 18563
Ion Ratio Lower Upper
154 100
153 45.7 23.4 63.4
76 11.3 0.0 31.6





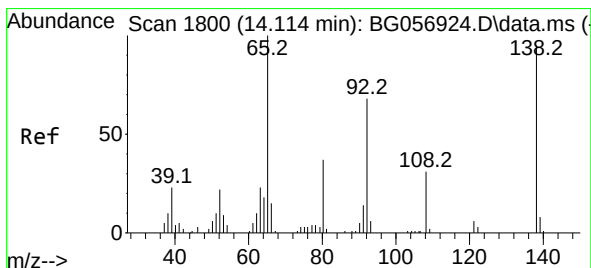
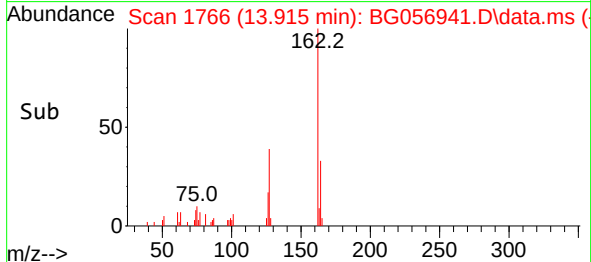
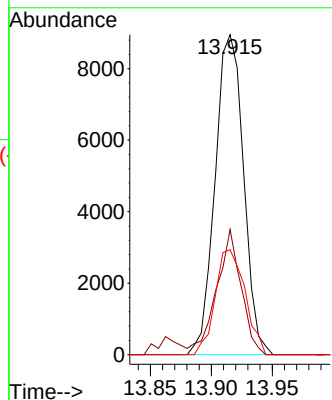
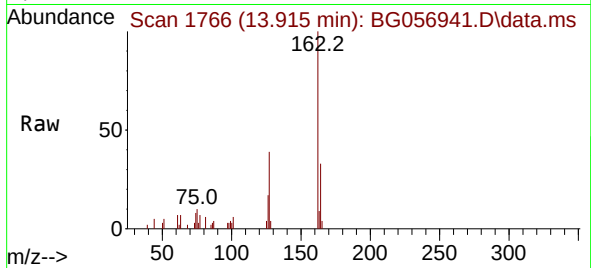
#47
2-Chloronaphthalene
Concen: 5.689 ng
RT: 13.915 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:162 Resp: 14524
Ion Ratio Lower Upper
162 100
127 39.1 29.5 44.3
164 32.8 25.5 38.3

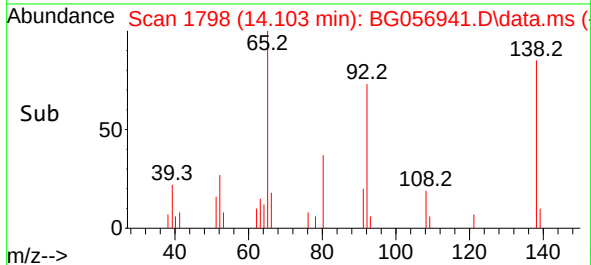
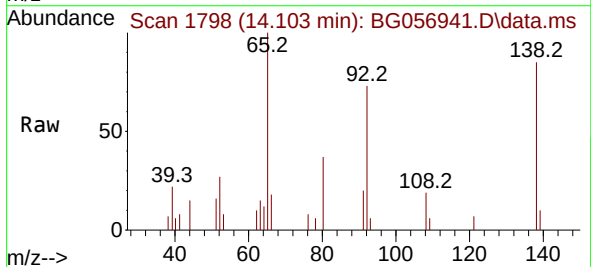
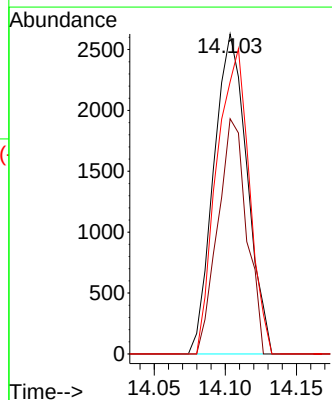
Manual Integrations
APPROVED

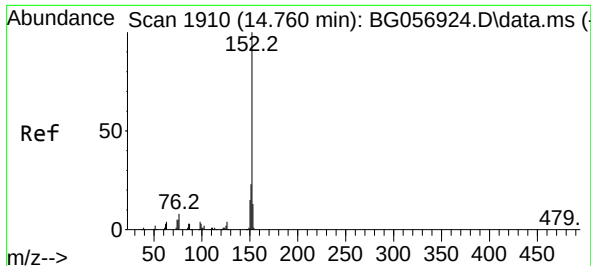
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#48
2-Nitroaniline
Concen: 4.702 ng
RT: 14.103 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion: 65 Resp: 4293
Ion Ratio Lower Upper
65 100
92 73.5 54.3 81.5
138 85.0 76.0 114.0





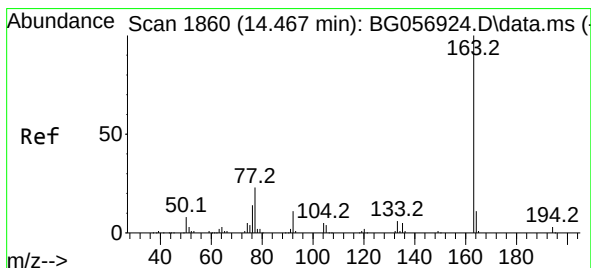
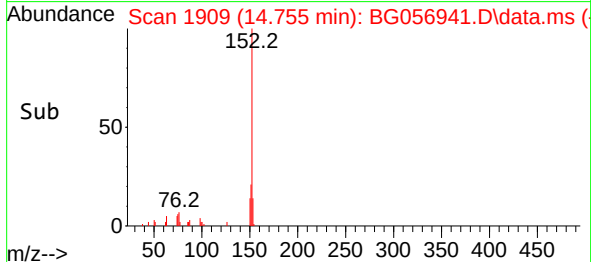
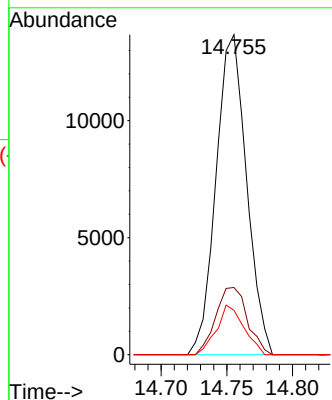
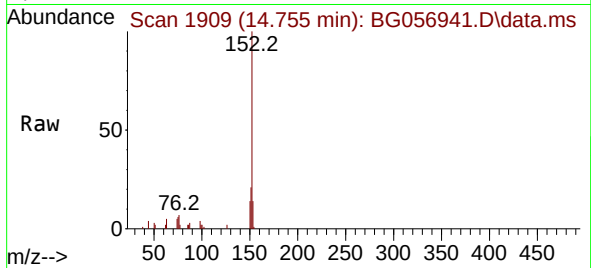
#49
Acenaphthylene
Concen: 5.259 ng
RT: 14.755 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:152 Resp: 2206
Ion Ratio Lower Upper
152 100
151 21.0 18.2 27.2
153 13.9 10.5 15.7

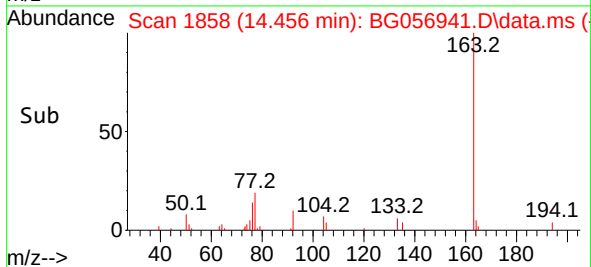
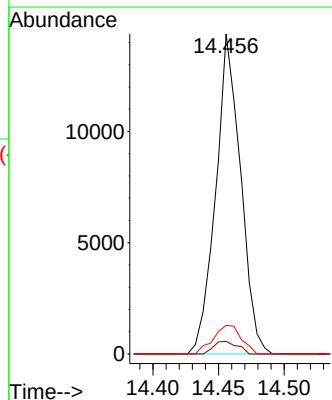
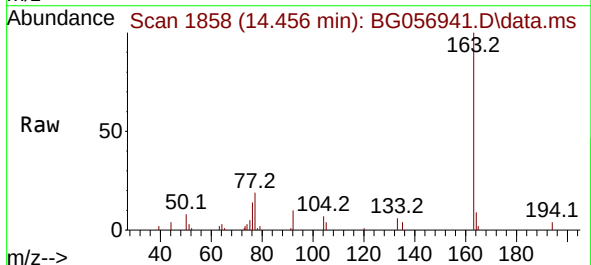
Manual Integrations
APPROVED

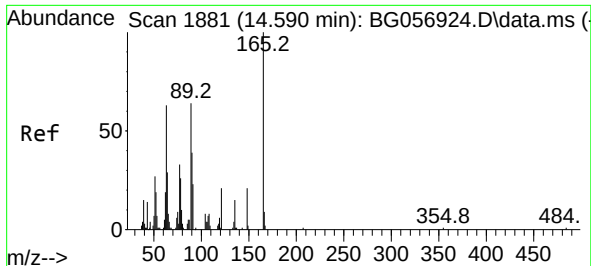
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#50
Dimethylphthalate
Concen: 5.093 ng
RT: 14.456 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:163 Resp: 18926
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.0 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 4.692 ng

RT: 14.585 min Scan# 1881

Delta R.T. -0.005 min

Lab File: BG056941.D

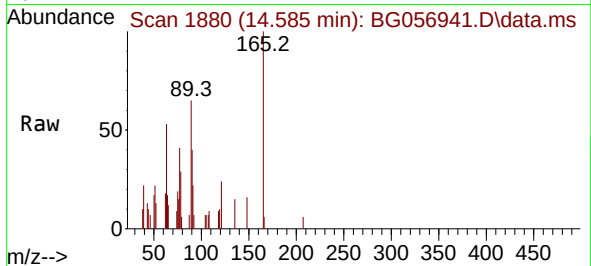
Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



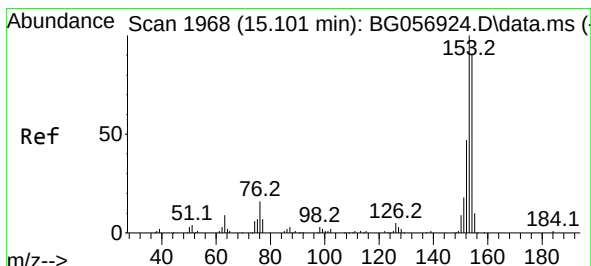
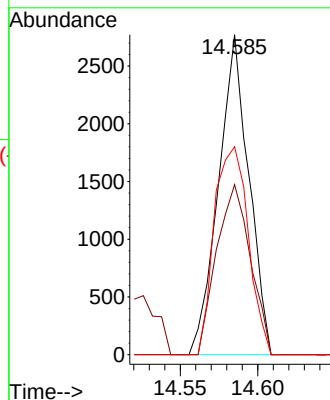
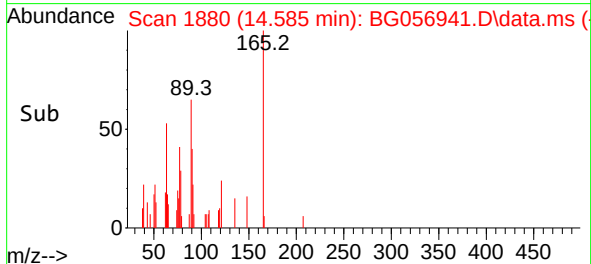
Tgt Ion:	165	Resp:	376
Ion Ratio	Lower	Upper	
165	100		
63	53.1	53.0	79.6
89	65.0	51.0	76.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#52

Acenaphthene

Concen: 4.782 ng

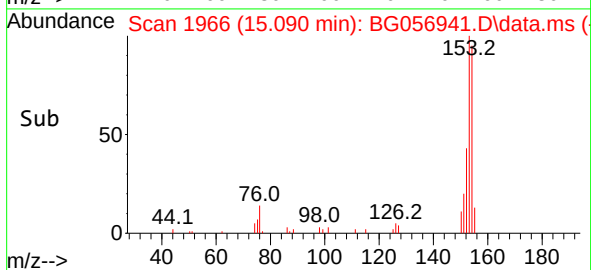
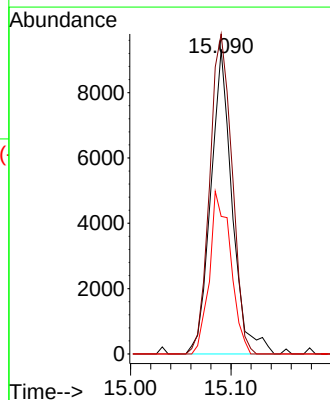
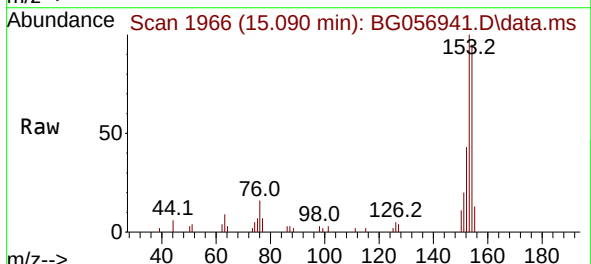
RT: 15.090 min Scan# 1966

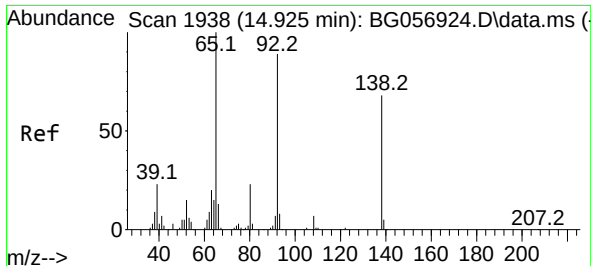
Delta R.T. -0.011 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

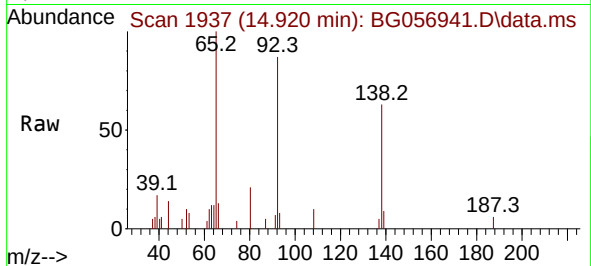
Tgt Ion:	154	Resp:	13834
Ion Ratio	Lower	Upper	
154	100		
153	105.1	88.9	133.3
152	45.2	41.8	62.8





#53
3-Nitroaniline
Concen: 4.545 ng
RT: 14.920 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

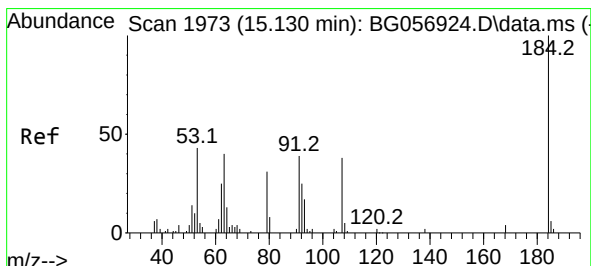
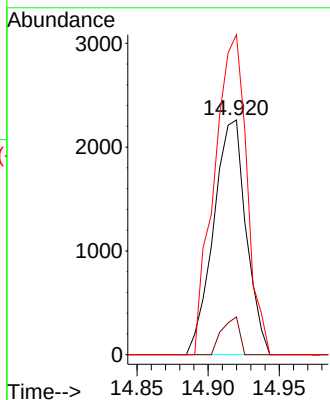
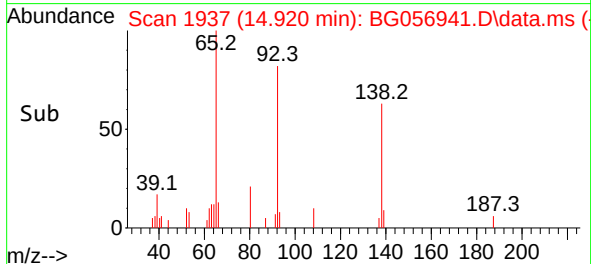
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:138 Resp: 3612
Ion Ratio Lower Upper
138 100
108 16.1 8.2 12.2
92 136.4 105.2 157.8

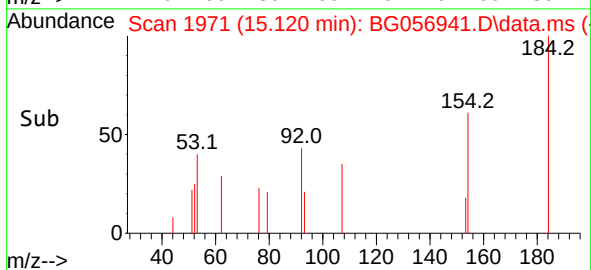
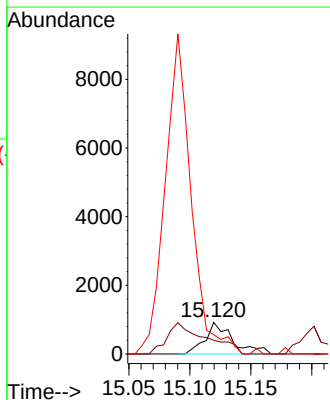
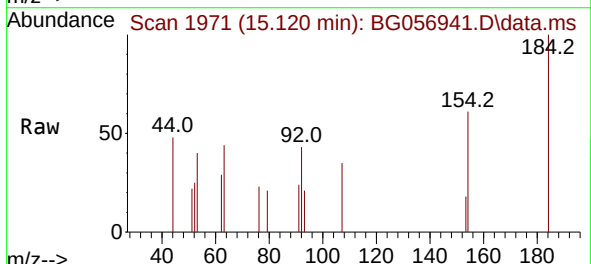
Manual Integrations
APPROVED

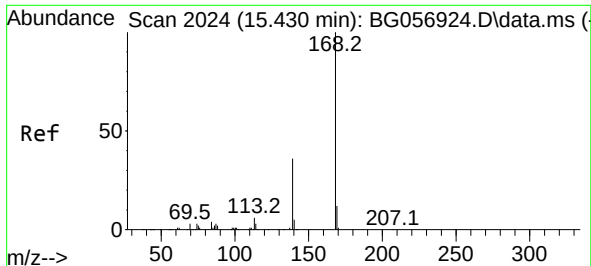
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#54
2,4-Dinitrophenol
Concen: 3.187 ng
RT: 15.120 min Scan# 1971
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:184 Resp: 1440
Ion Ratio Lower Upper
184 100
63 43.8 46.5 69.7#
154 60.8 53.5 80.3





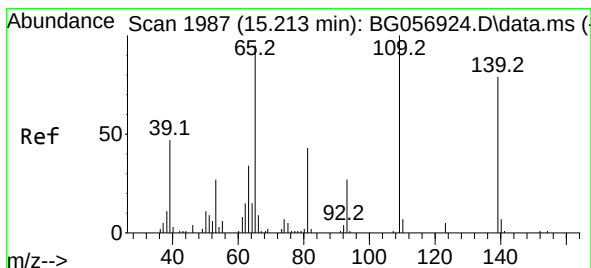
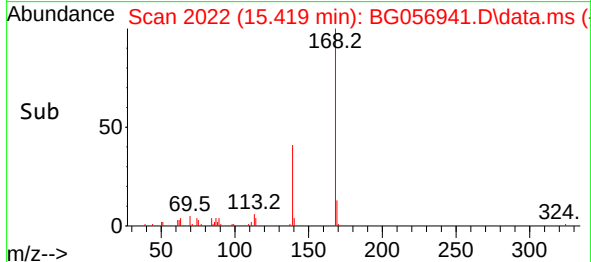
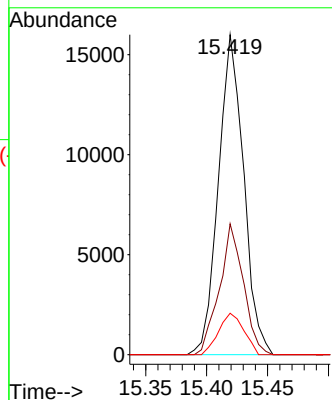
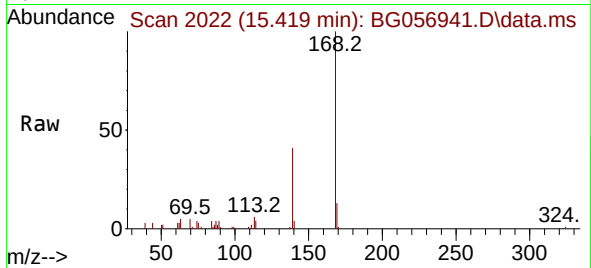
#55
Dibenzenofuran
Concen: 5.308 ng
RT: 15.419 min Scan# 2024
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:168 Resp: 2304
Ion Ratio Lower Upper
168 100
139 40.9 28.9 43.3
169 12.9 9.8 14.6

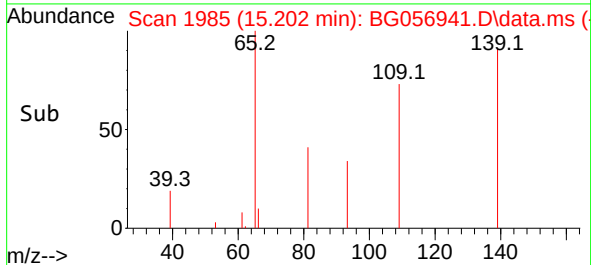
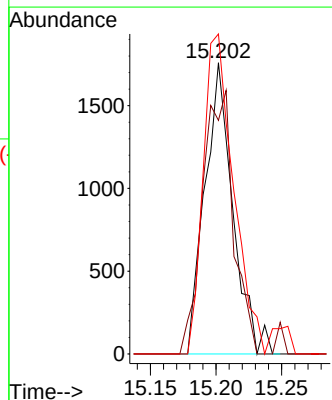
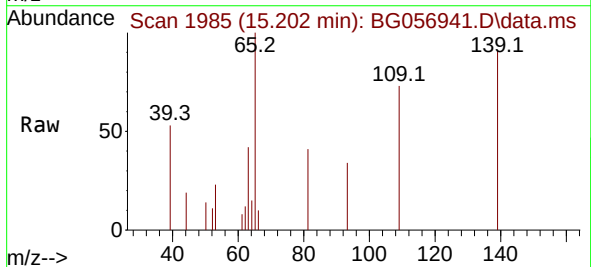
Manual Integrations
APPROVED

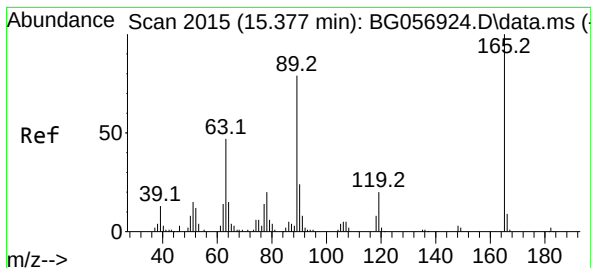
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#56
4-Nitrophenol
Concen: 4.443 ng
RT: 15.202 min Scan# 1985
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

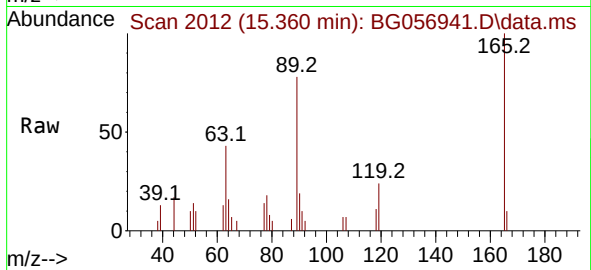
Tgt Ion:139 Resp: 2611
Ion Ratio Lower Upper
139 100
109 80.2 106.7 146.7#
65 109.9 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 4.614 ng
RT: 15.360 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

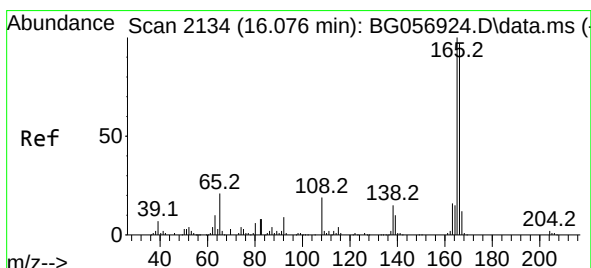
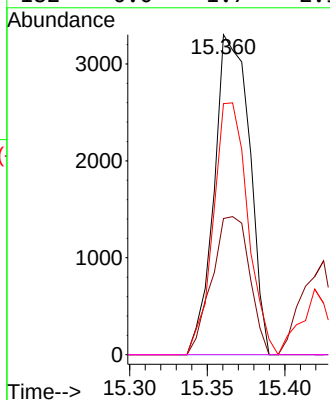
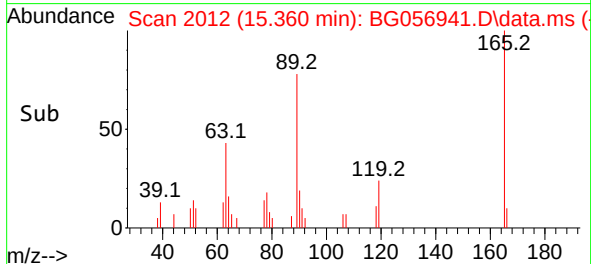
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:165 Resp: 5229
Ion Ratio Lower Upper
165 100
63 42.5 37.7 56.5
89 78.5 63.2 94.8
182 0.0 1.7 2.5#

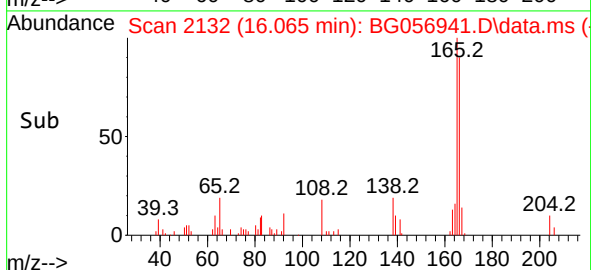
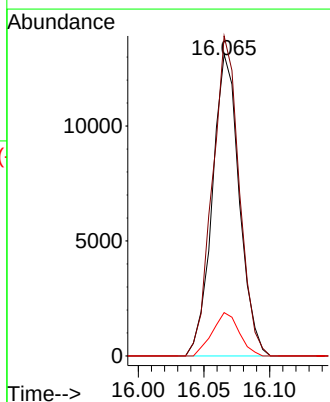
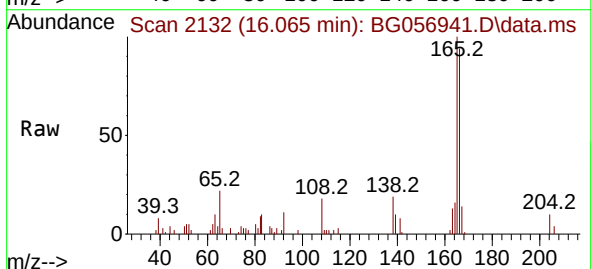
Manual Integrations
APPROVED

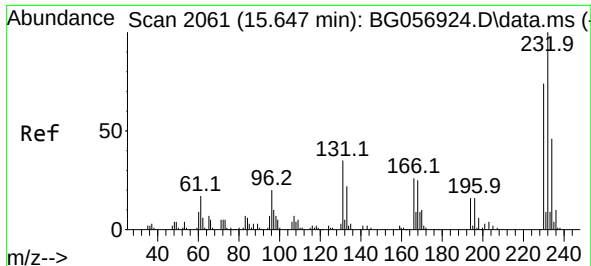
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#58
Fluorene
Concen: 5.211 ng
RT: 16.065 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

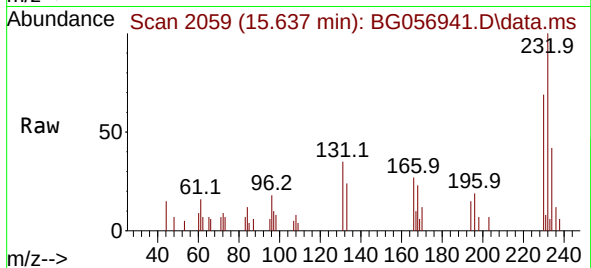
Tgt Ion:166 Resp: 18726
Ion Ratio Lower Upper
166 100
165 106.1 82.6 123.8
167 14.4 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.963 ng
RT: 15.637 min Scan# 2061
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

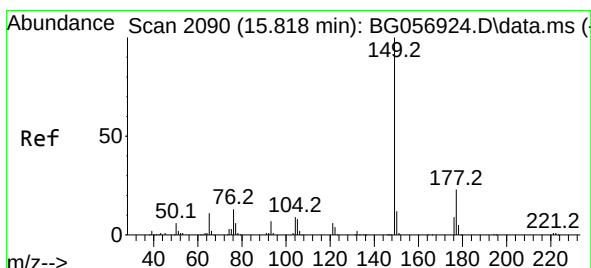
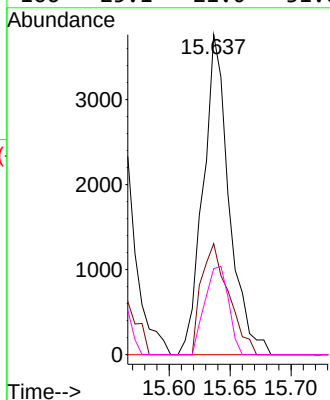
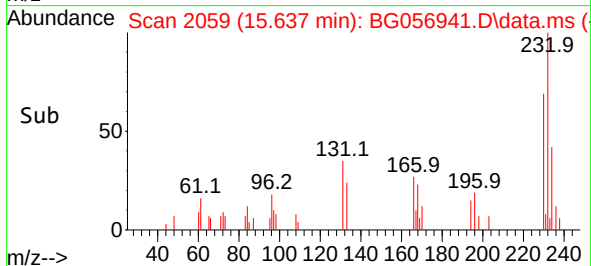
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:232 Resp: 5580
Ion Ratio Lower Upper
232 100
131 36.4 29.3 43.9
130 0.0 1.7 2.5
166 25.1 21.0 31.6

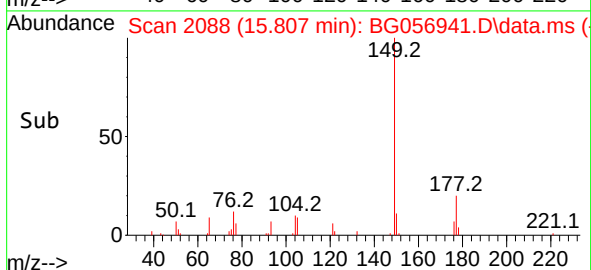
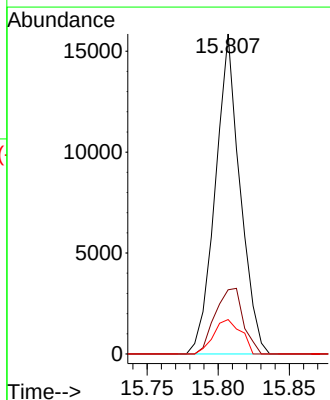
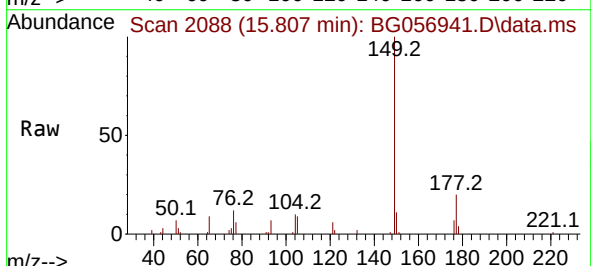
Manual Integrations
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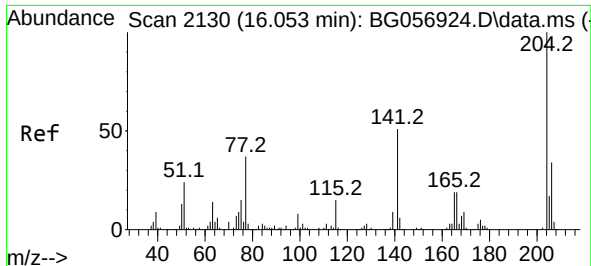
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#60
Diethylphthalate
Concen: 5.144 ng
RT: 15.807 min Scan# 2088
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:149 Resp: 19162
Ion Ratio Lower Upper
149 100
177 20.0 18.8 28.2
150 10.8 9.4 14.2





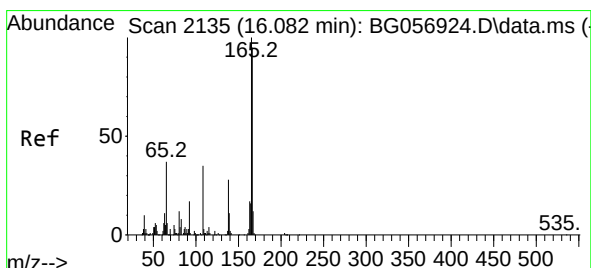
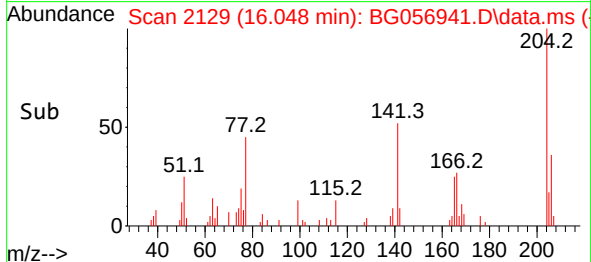
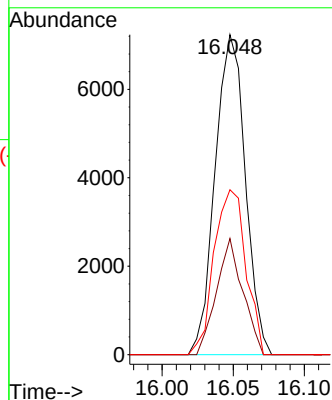
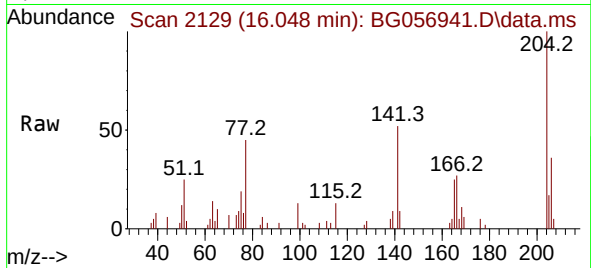
#61
4-Chlorophenyl-phenylether
Concen: 5.069 ng
RT: 16.048 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion:204 Resp: 10694
Ion Ratio Lower Upper
204 100
206 36.3 27.2 40.8
141 51.6 40.7 61.1

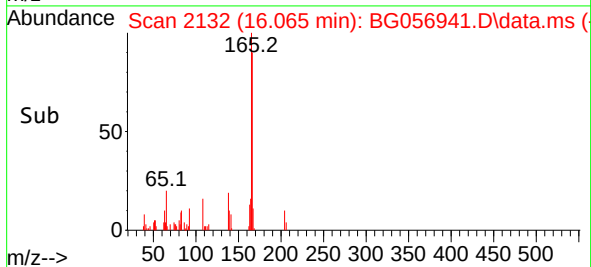
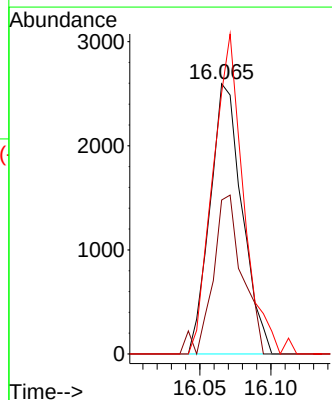
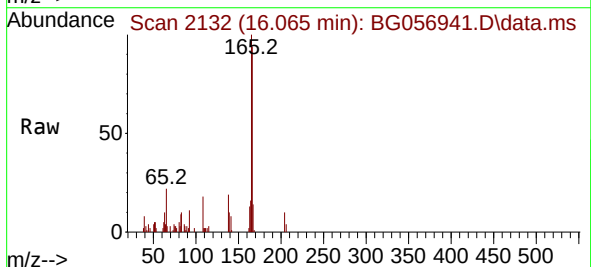
Manual Integrations
APPROVED

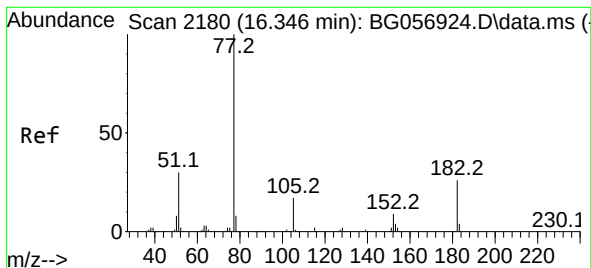
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#62
4-Nitroaniline
Concen: 4.948 ng
RT: 16.065 min Scan# 2132
Delta R.T. -0.017 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:138 Resp: 4074
Ion Ratio Lower Upper
138 100
92 56.9 40.9 80.9
108 96.6 104.3 144.3#





#63

Azobenzene

Concen: 5.254 ng

RT: 16.341 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BG056941.D

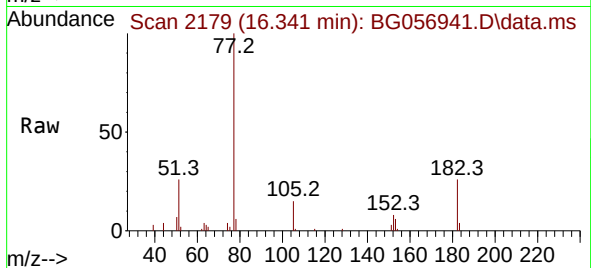
Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



Tgt Ion: 77 Resp: 1950

Ion Ratio Lower Upper

77 100

182 25.5 5.9 45.9

105 15.5 0.0 36.8

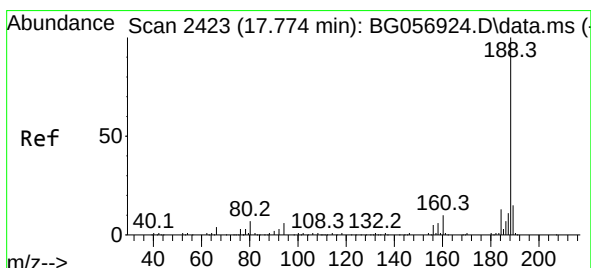
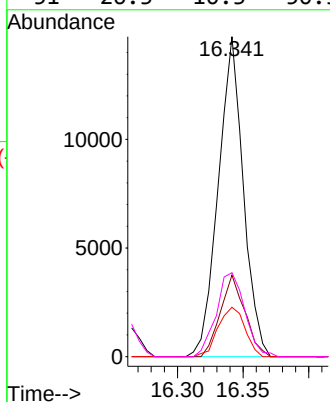
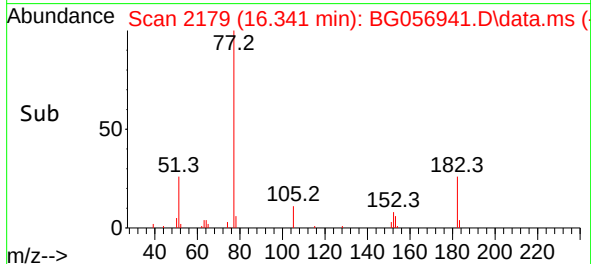
51 26.3 10.3 50.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.769 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

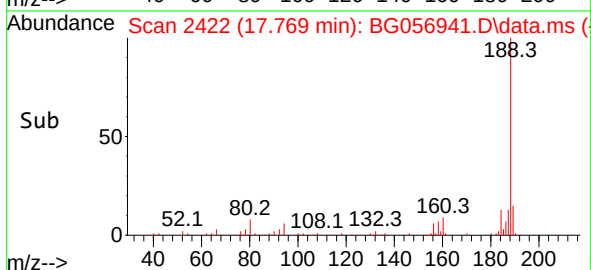
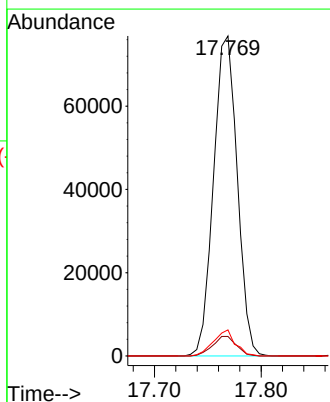
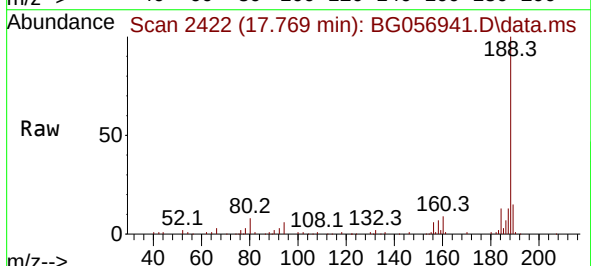
Tgt Ion:188 Resp: 118586

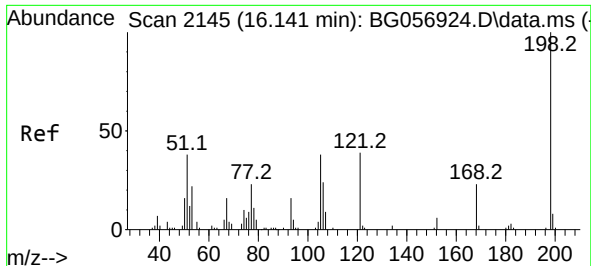
Ion Ratio Lower Upper

188 100

94 6.1 4.6 6.8

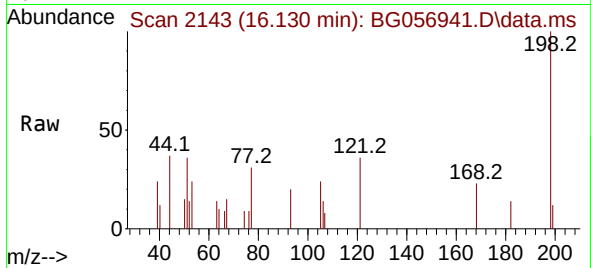
80 8.1 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 3.918 ng
RT: 16.130 min Scan# 2144
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

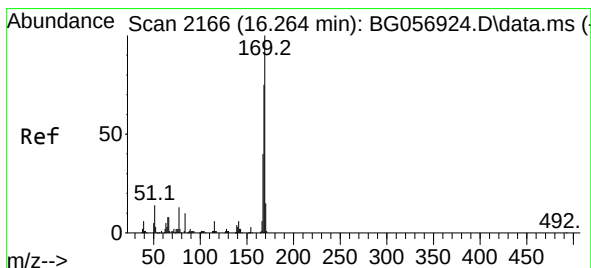
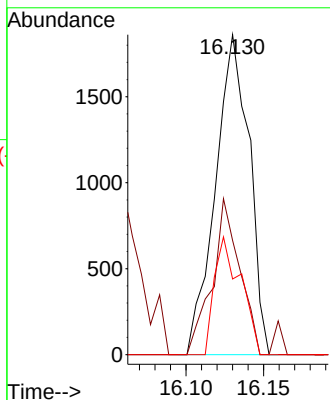
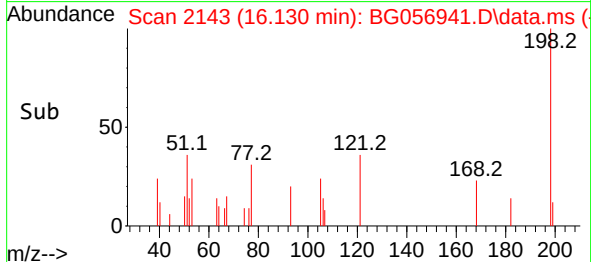
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:198 Resp: 2814
Ion Ratio Lower Upper
198 100
51 35.7 20.5 60.5
105 23.6 18.1 58.1

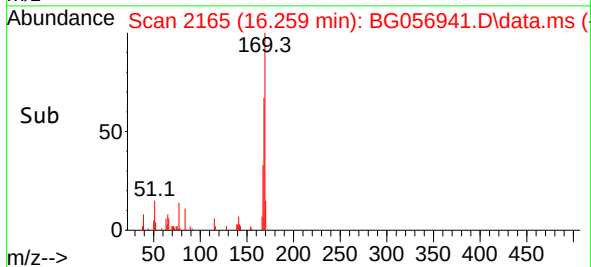
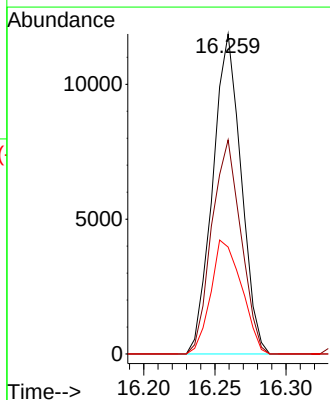
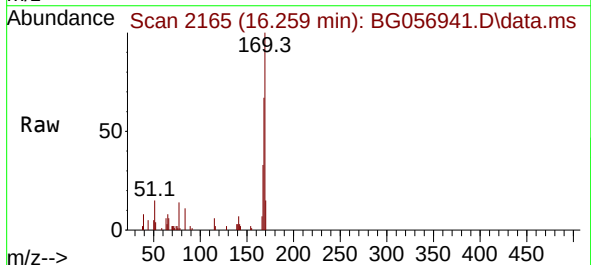
Manual Integrations
APPROVED

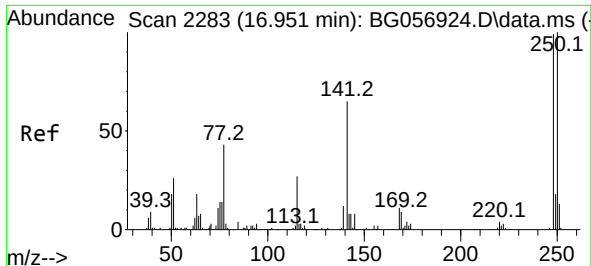
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#66
n-Nitrosodiphenylamine
Concen: 5.179 ng
RT: 16.259 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

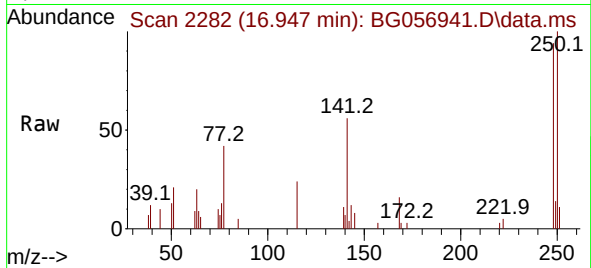
Tgt Ion:169 Resp: 16488
Ion Ratio Lower Upper
169 100
168 66.9 59.6 89.4
167 33.4 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 4.778 ng
RT: 16.947 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

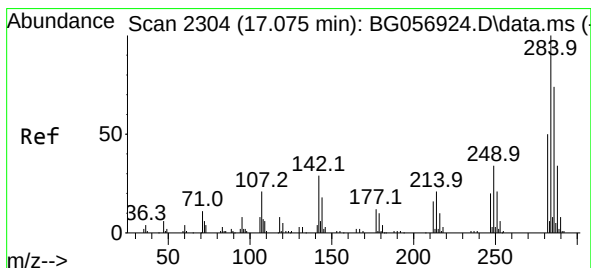
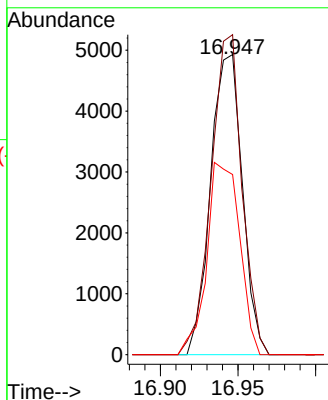
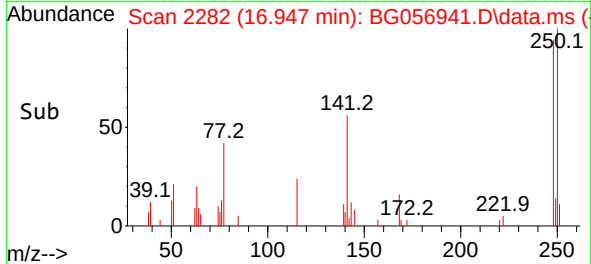
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



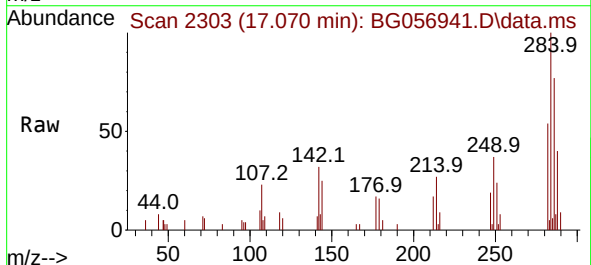
Tgt Ion:248 Resp: 701
Ion Ratio Lower Upper
248 100
250 106.6 80.5 120.7
141 60.1 52.0 78.0

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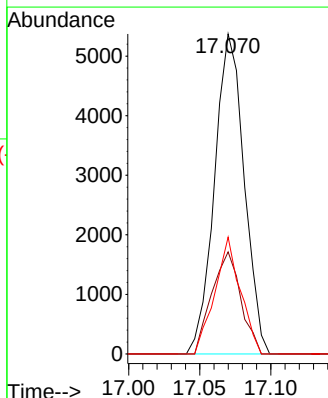
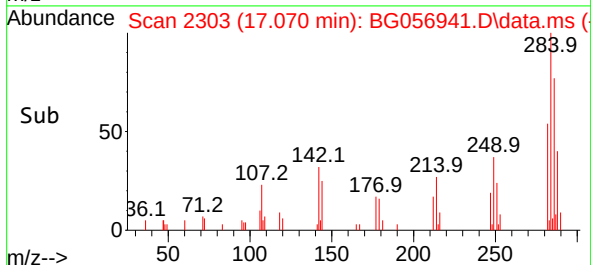
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

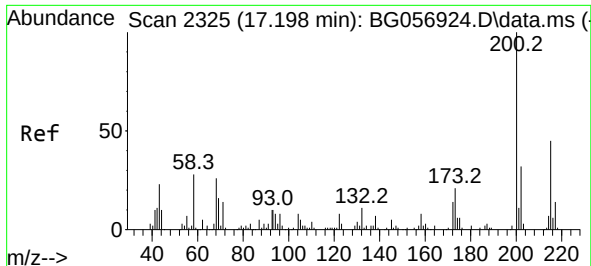


#68
Hexachlorobenzene
Concen: 5.371 ng
RT: 17.070 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



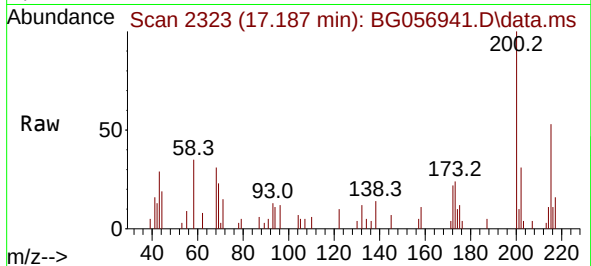
Tgt Ion:284 Resp: 7792
Ion Ratio Lower Upper
284 100
142 31.9 23.0 34.4
249 36.5 27.1 40.7





#69
 Atrazine
 Concen: 5.409 ng
 RT: 17.187 min Scan# 2148
 Delta R.T. -0.011 min
 Lab File: BG056941.D
 Acq: 31 Mar 2023 12:44

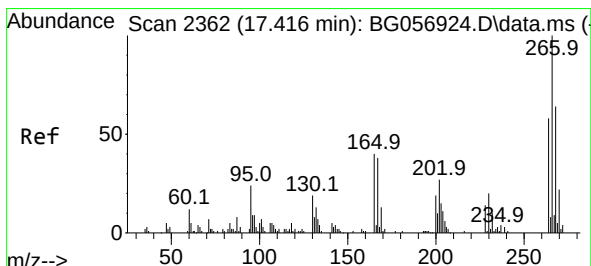
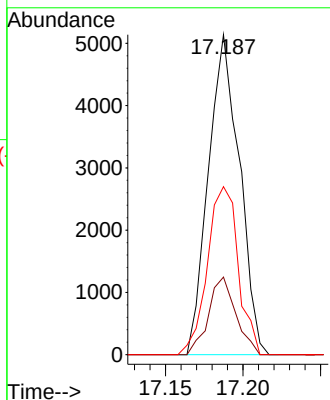
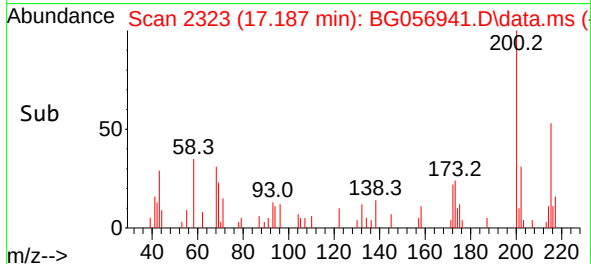
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



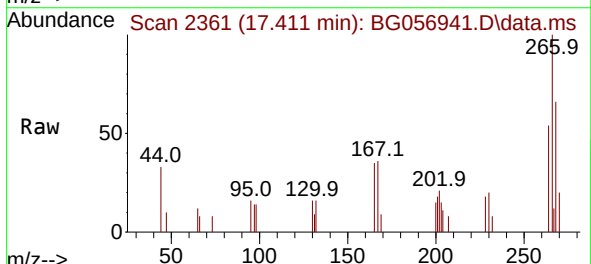
Tgt Ion:200 Resp: 7148
 Ion Ratio Lower Upper
 200 100
 173 24.3 1.0 41.0
 215 52.5 25.0 65.0

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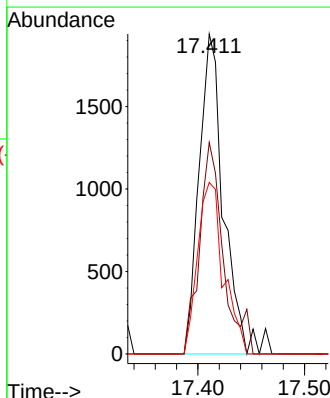
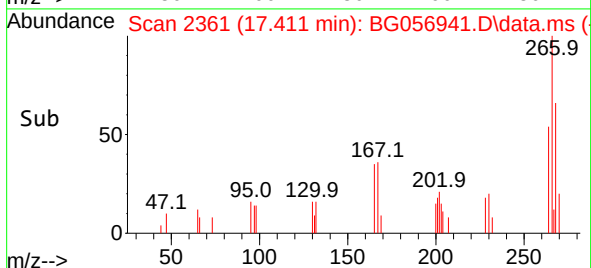
Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023

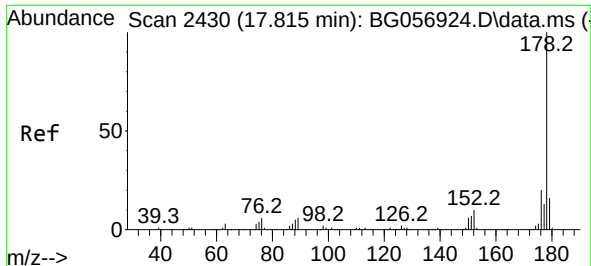


#70
 Pentachlorophenol
 Concen: 2.996 ng
 RT: 17.411 min Scan# 2361
 Delta R.T. -0.005 min
 Lab File: BG056941.D
 Acq: 31 Mar 2023 12:44



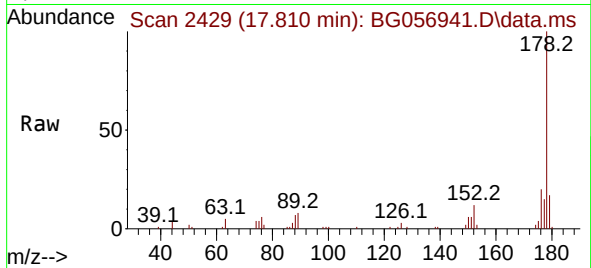
Tgt Ion:266 Resp: 3118
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.0 76.6
 264 53.6 46.8 70.2





#71
Phenanthrene
Concen: 5.158 ng
RT: 17.810 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

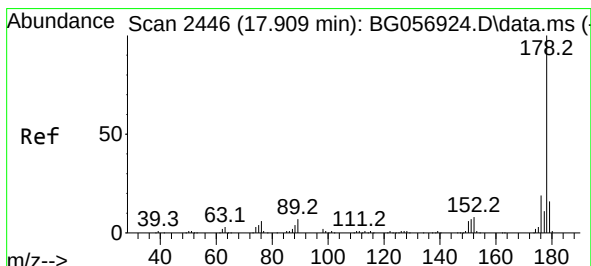
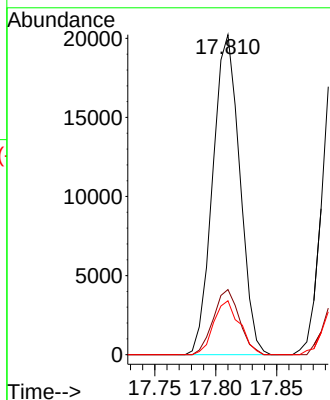
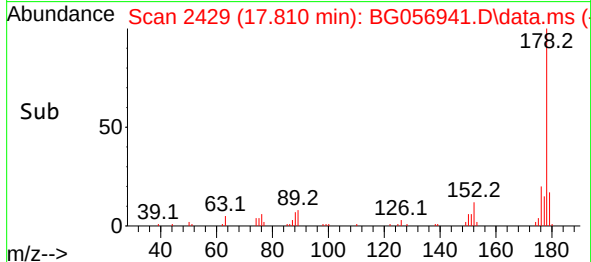
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:178 Resp: 31180
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 16.9 12.5 18.7

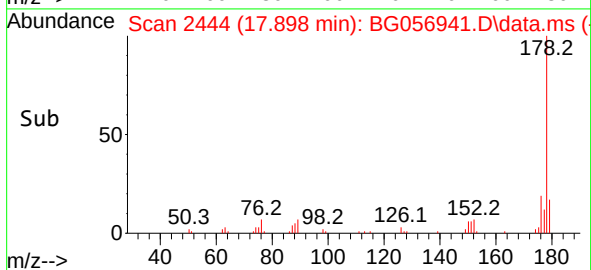
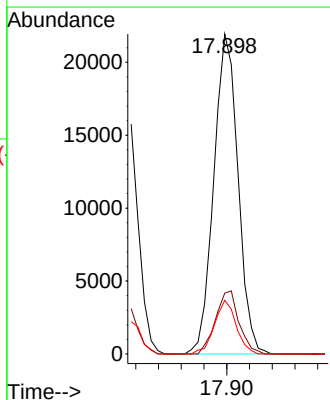
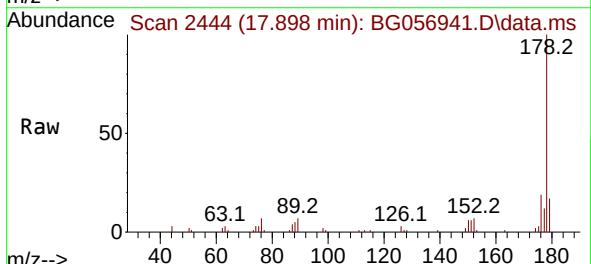
Manual Integrations
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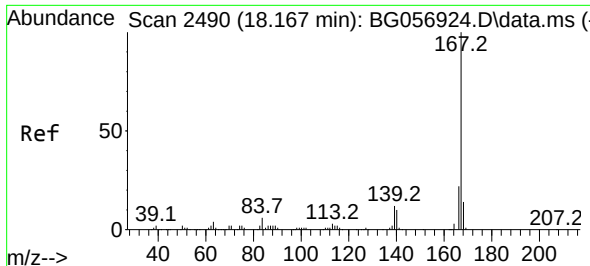
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#72
Anthracene
Concen: 5.237 ng
RT: 17.898 min Scan# 2444
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

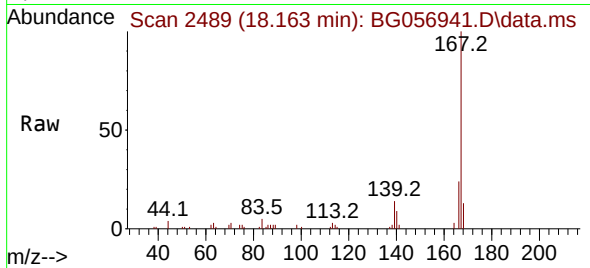
Tgt Ion:178 Resp: 32457
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.7 12.4 18.6





#73
 Carbazole
 Concen: 5.295 ng
 RT: 18.163 min Scan# 2490
 Delta R.T. -0.005 min
 Lab File: BG056941.D
 Acq: 31 Mar 2023 12:44

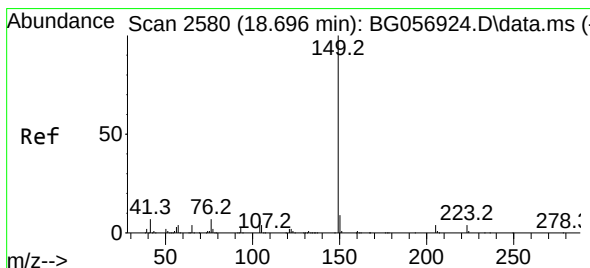
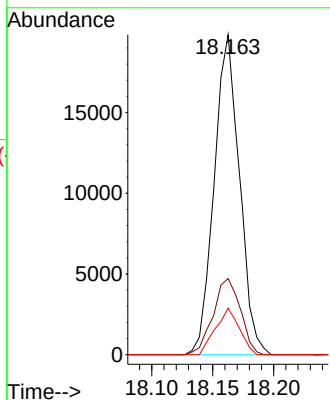
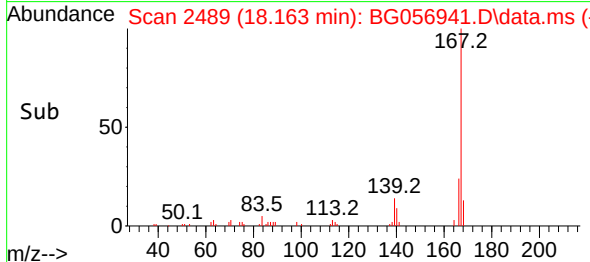
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



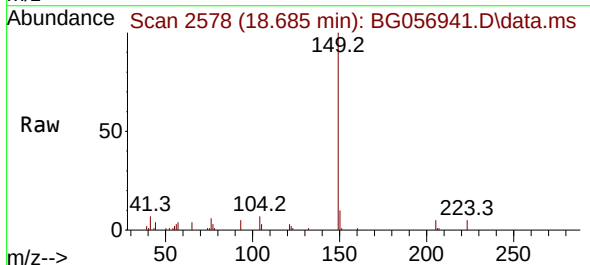
Tgt Ion:167 Resp: 2861
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.9 26.9
 139 14.5 9.5 14.3

Manual Integrations
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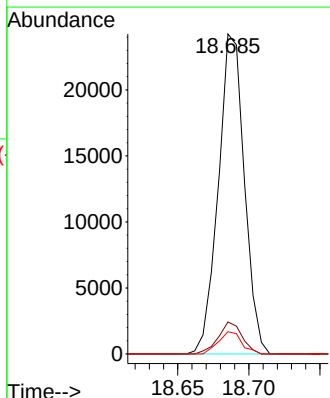
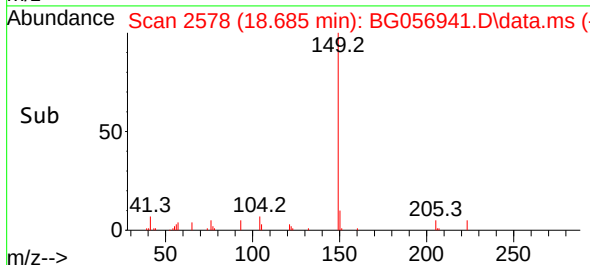
Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023

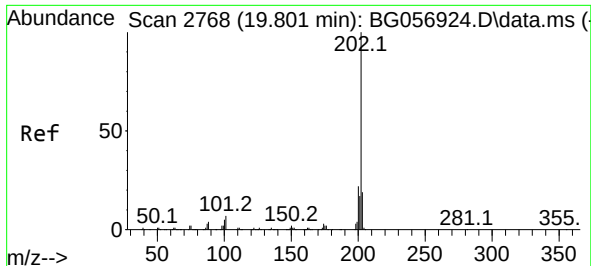


#74
 Di-n-butylphthalate
 Concen: 4.925 ng
 RT: 18.685 min Scan# 2578
 Delta R.T. -0.011 min
 Lab File: BG056941.D
 Acq: 31 Mar 2023 12:44



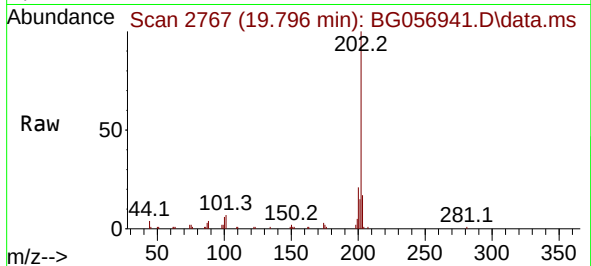
Tgt Ion:149 Resp: 30820
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.0
 104 7.0 4.9 7.3





#75
Fluoranthene
Concen: 4.950 ng
RT: 19.796 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

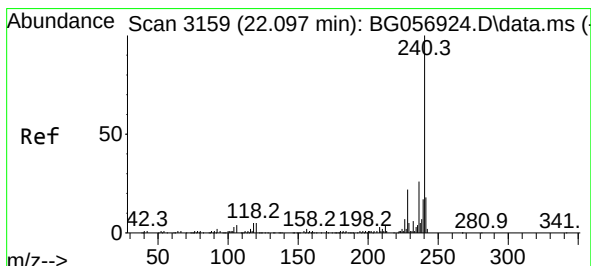
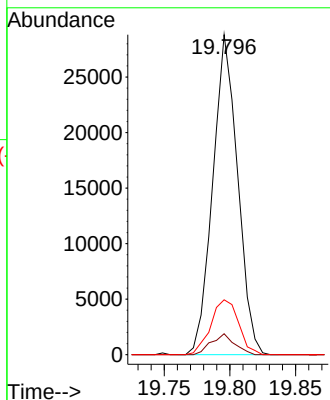
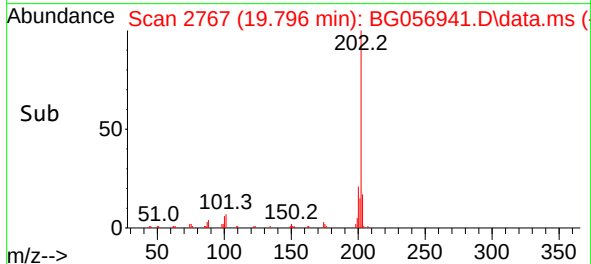
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:202 Resp: 37938
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.7
203 17.1 0.0 39.0

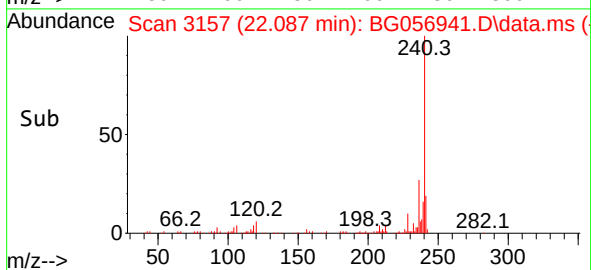
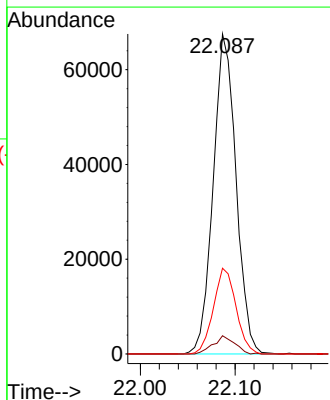
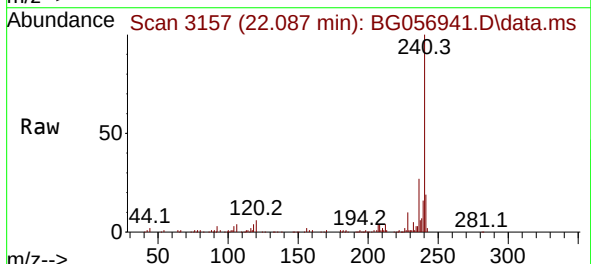
Manual Integrations
APPROVED

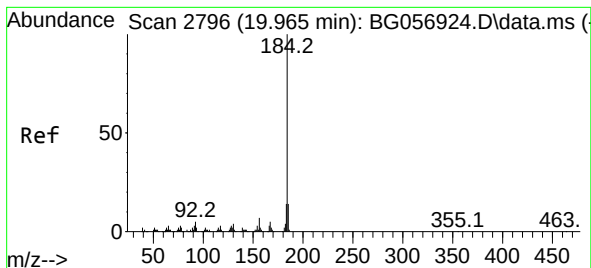
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Tgt Ion:240 Resp: 112931
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 26.8 21.0 31.6





#77

Benzidine

Concen: 6.991 ng

RT: 19.960 min Scan# 2158

Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

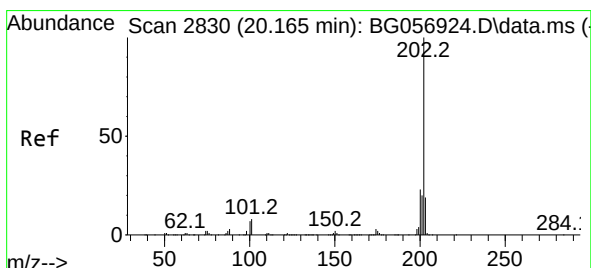
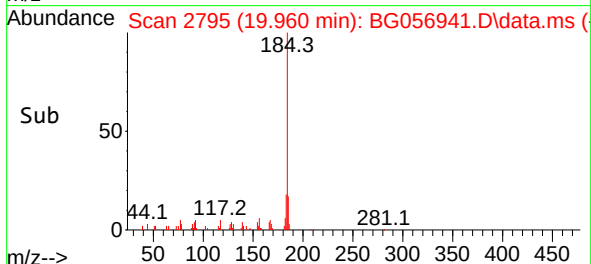
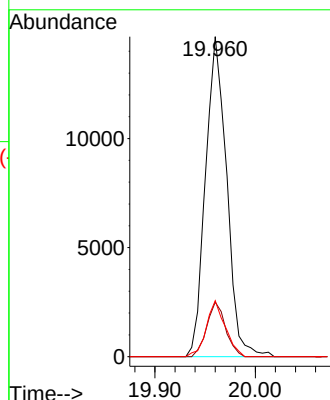
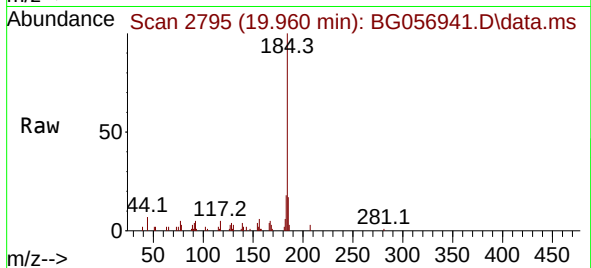
Tgt Ion:	184	Resp:	2158
Ion Ratio	Lower	Upper	
184	100		
185	17.0	11.0	16.4
183	17.5	11.4	17.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#78

Pyrene

Concen: 5.290 ng

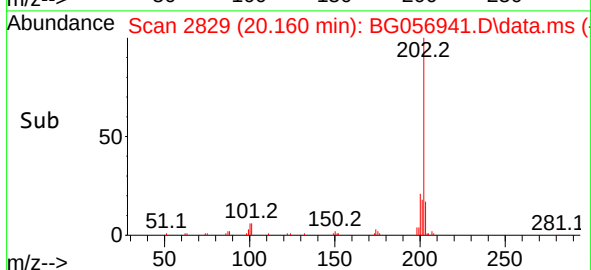
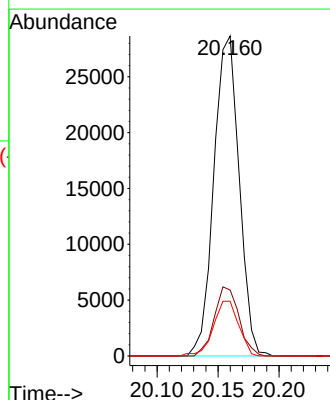
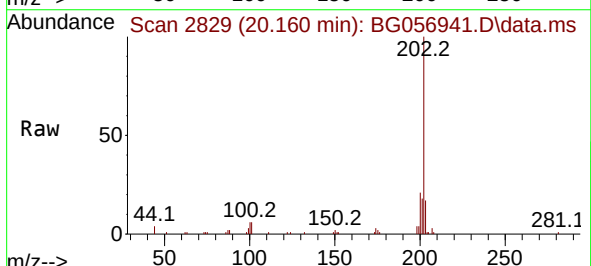
RT: 20.160 min Scan# 2829

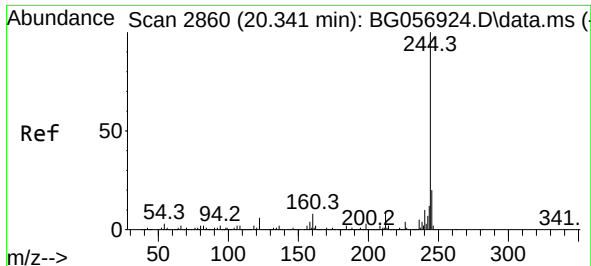
Delta R.T. -0.005 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

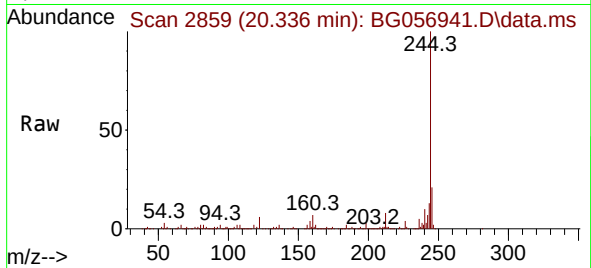
Tgt Ion:	202	Resp:	41319
Ion Ratio	Lower	Upper	
202	100		
200	20.6	18.7	28.1
203	17.1	15.4	23.2





#79
 Terphenyl-d14
 Concen: 87.731 ng
 RT: 20.336 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056941.D
 Acq: 31 Mar 2023 12:44

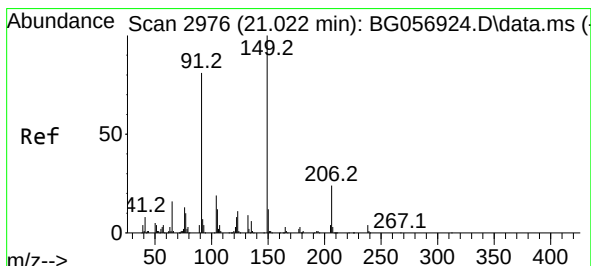
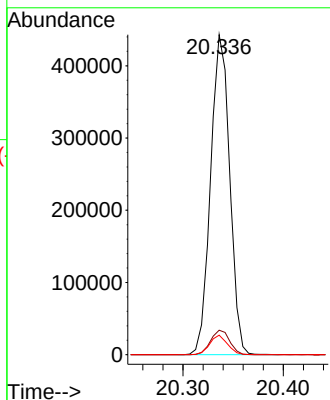
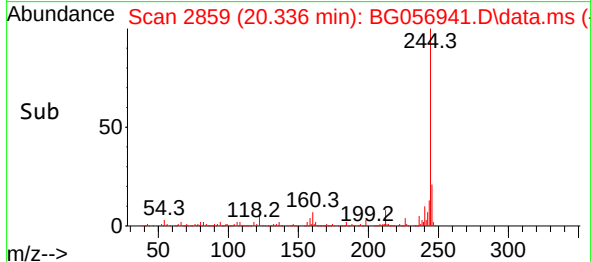
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



Tgt Ion:244 Resp: 585499
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 6.1 5.0 7.4

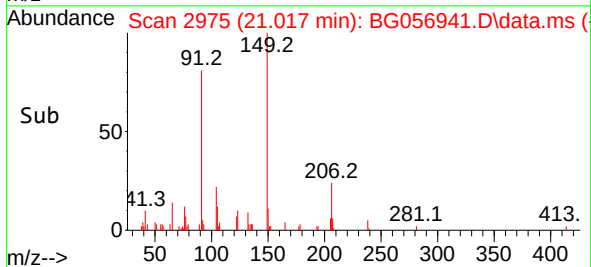
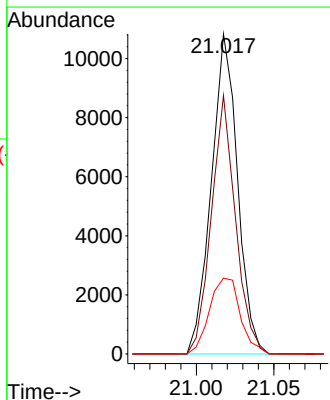
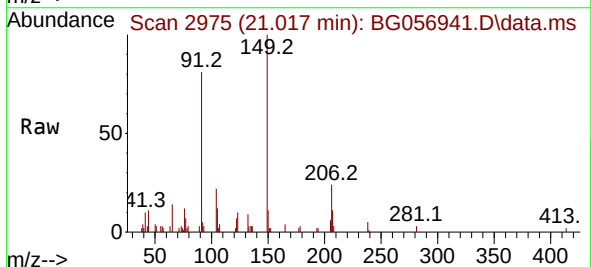
Manual Integrations
 APPROVED

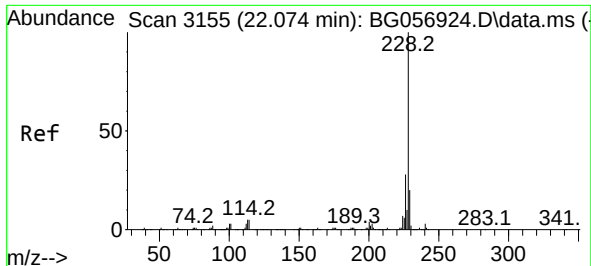
Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023



#80
 Butylbenzylphthalate
 Concen: 4.726 ng
 RT: 21.017 min Scan# 2975
 Delta R.T. -0.005 min
 Lab File: BG056941.D
 Acq: 31 Mar 2023 12:44

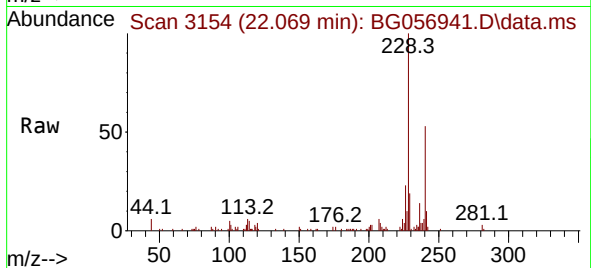
Tgt Ion:149 Resp: 12703
 Ion Ratio Lower Upper
 149 100
 91 80.8 64.4 96.6
 206 23.7 18.9 28.3





#81
Benzo(a)anthracene
Concen: 5.184 ng
RT: 22.069 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

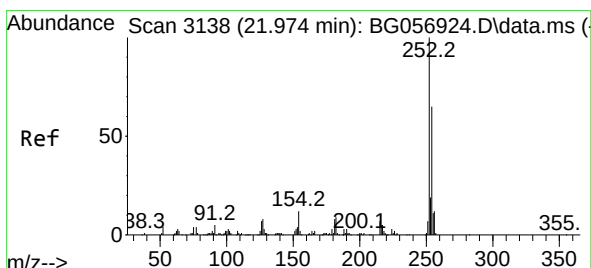
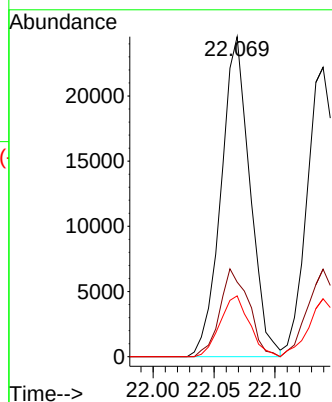
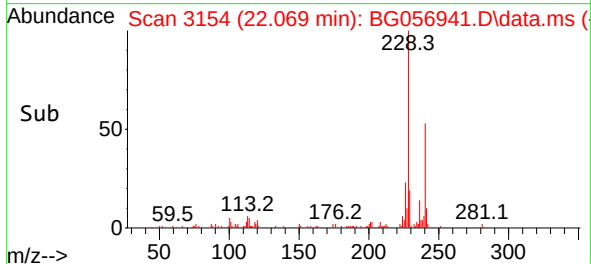
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:228 Resp: 4051
Ion Ratio Lower Upper
228 100
226 23.3 22.1 33.1
229 19.0 16.1 24.1

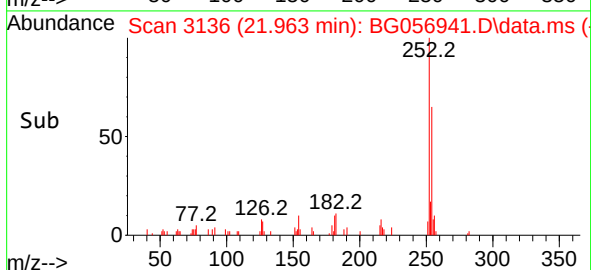
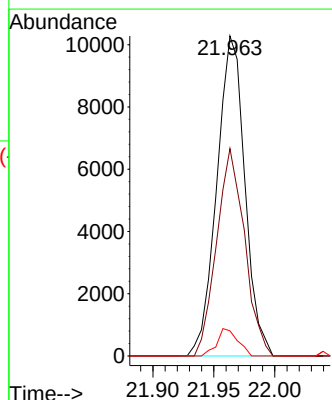
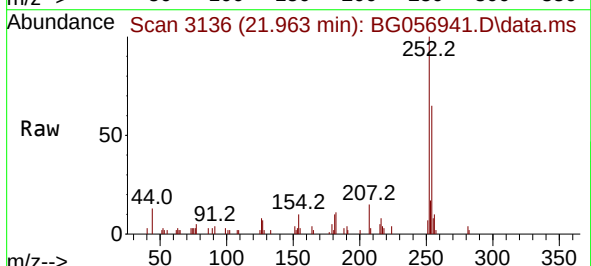
Manual Integrations
APPROVED

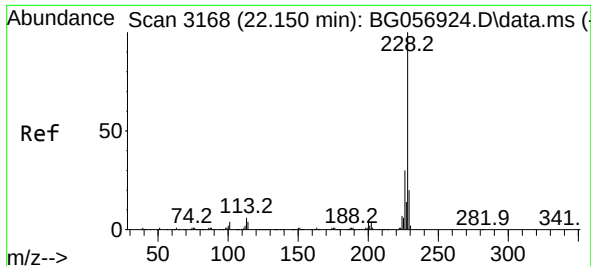
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 6.238 ng
RT: 21.963 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

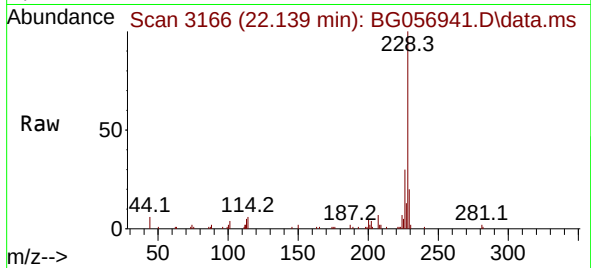
Tgt Ion:252 Resp: 16461
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 7.9 5.6 8.4





#83
Chrysene
Concen: 5.232 ng
RT: 22.139 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

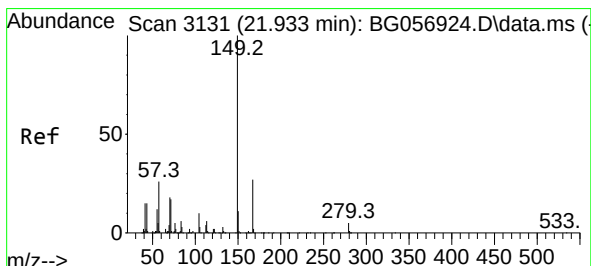
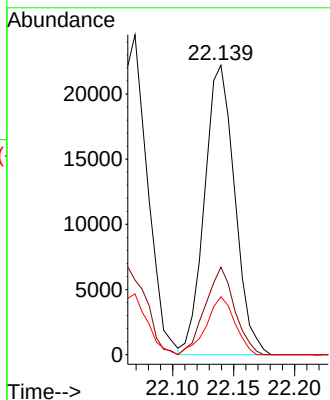
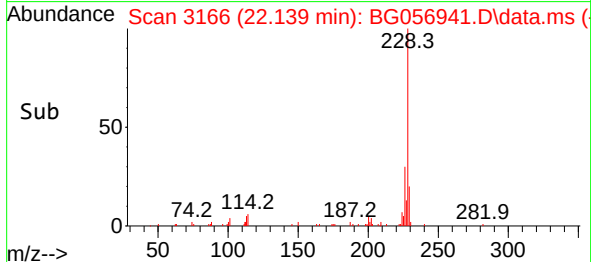
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2023



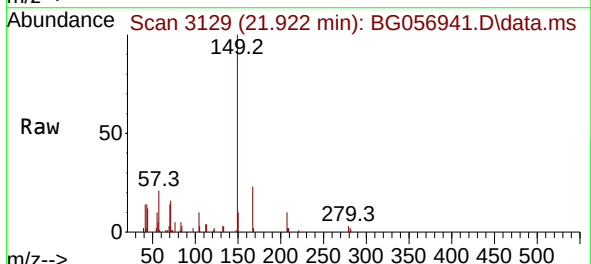
Tgt Ion:228 Resp: 38284
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 20.0 15.6 23.4

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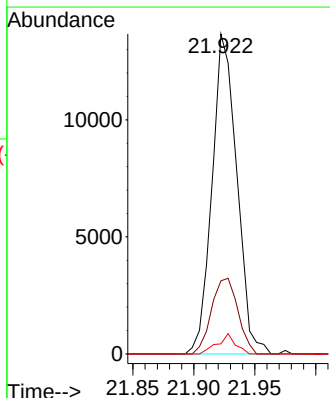
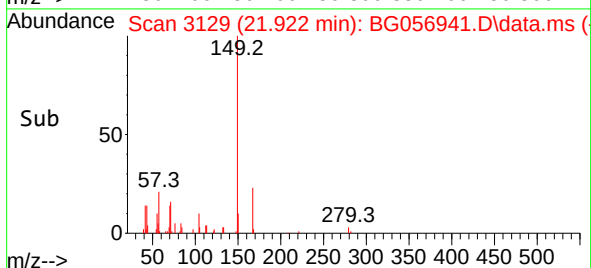
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

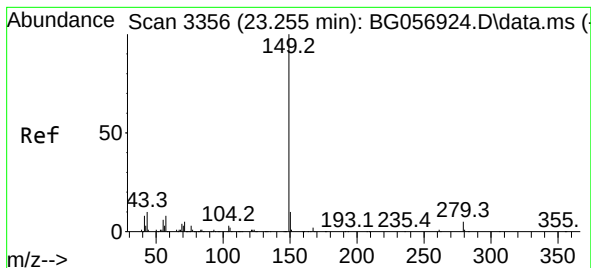


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.965 ng
RT: 21.922 min Scan# 3129
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



Tgt Ion:149 Resp: 19323
Ion Ratio Lower Upper
149 100
167 22.8 21.4 32.2
279 3.1 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 4.804 ng

RT: 23.244 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

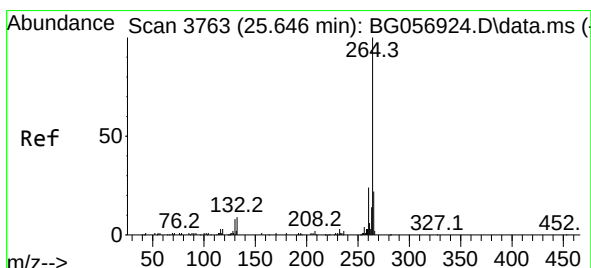
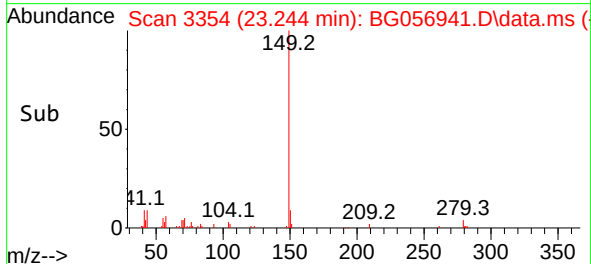
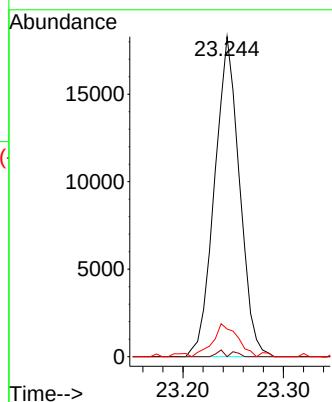
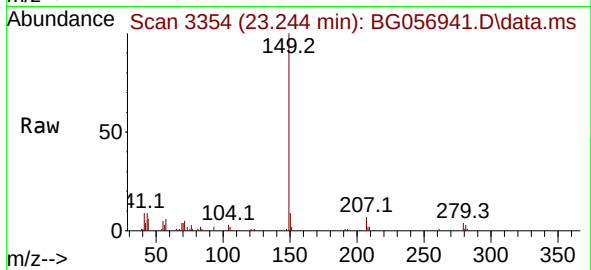
Tgt Ion:149	Resp:	3151
Ion Ratio	Lower	Upper
149	100	
167	0.6	1.3
43	10.1	7.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#86

Perylene-d12

Concen: 20.000 ng

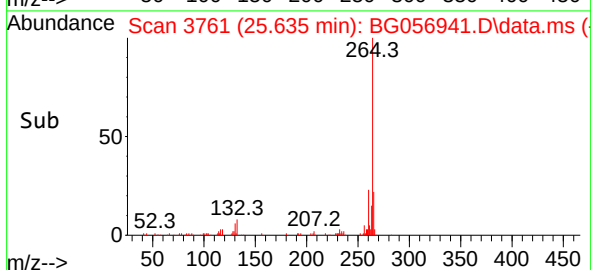
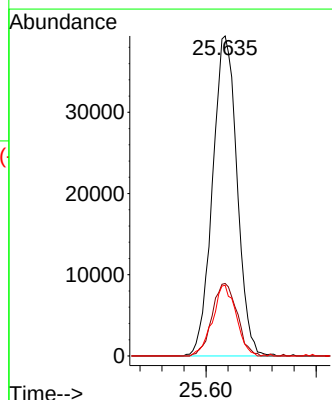
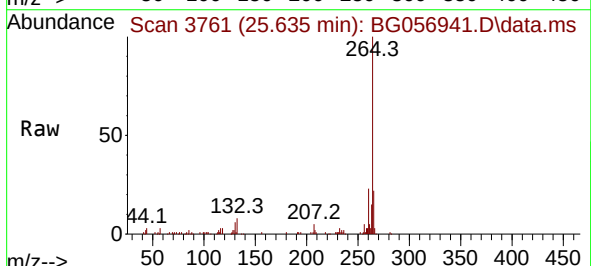
RT: 25.635 min Scan# 3761

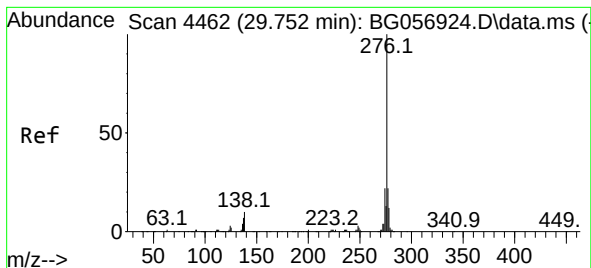
Delta R.T. -0.011 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Tgt Ion:264	Resp:	121556
Ion Ratio	Lower	Upper
264	100	
260	22.6	19.0
265	22.1	17.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.196 ng

RT: 29.706 min Scan# 4462

Delta R.T. -0.046 min

Lab File: BG056941.D

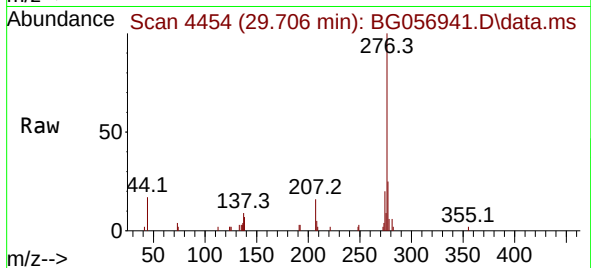
Acq: 31 Mar 2023 12:44

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



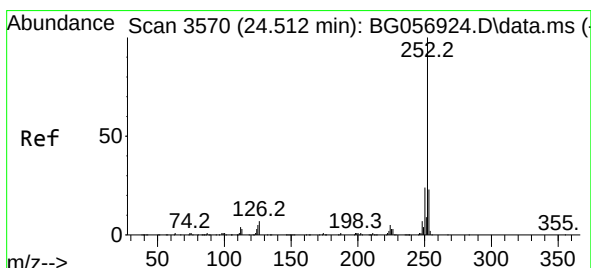
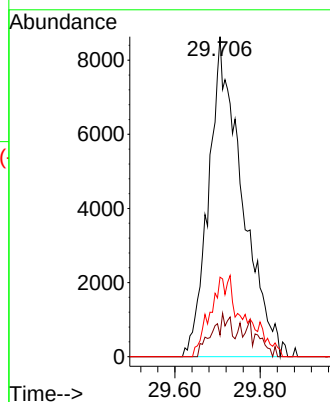
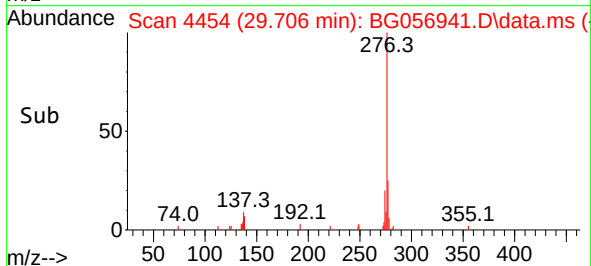
Tgt Ion:	276	Resp:	46680
Ion Ratio	Lower	Upper	
276	100		
138	2.5	7.7	11.5
277	11.6	21.0	31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#88

Benzo(b)fluoranthene

Concen: 5.494 ng

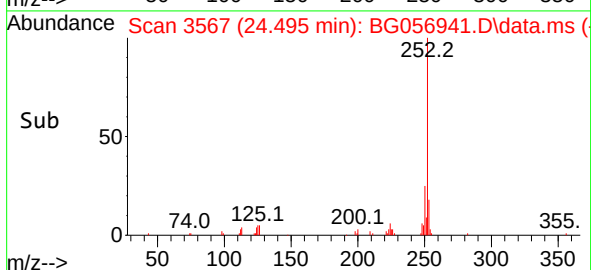
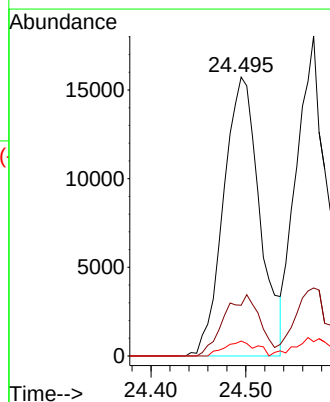
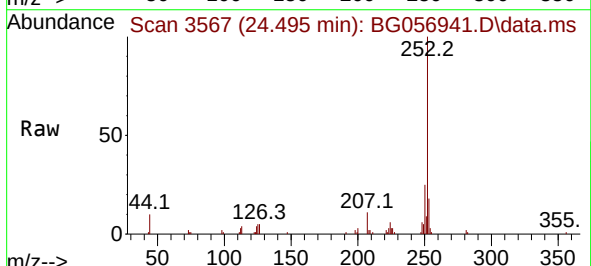
RT: 24.495 min Scan# 3567

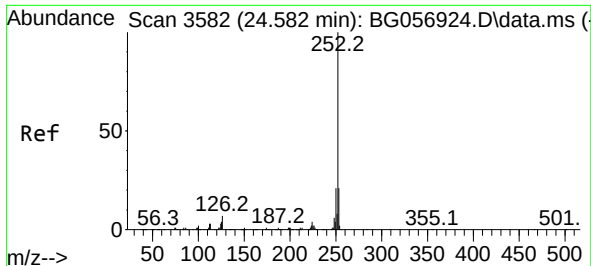
Delta R.T. -0.017 min

Lab File: BG056941.D

Acq: 31 Mar 2023 12:44

Tgt Ion:	252	Resp:	41760
Ion Ratio	Lower	Upper	
252	100		
253	18.2	18.1	27.1
125	5.3	4.2	6.4





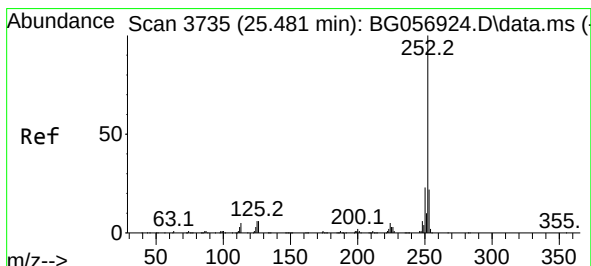
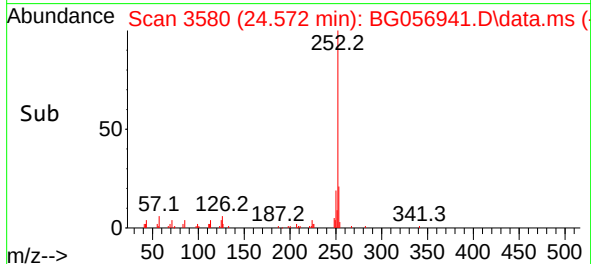
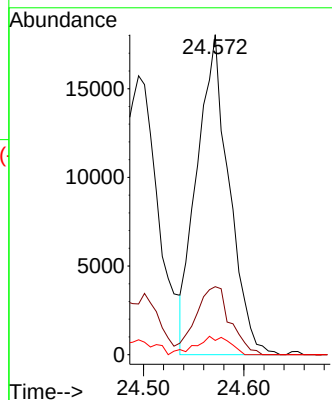
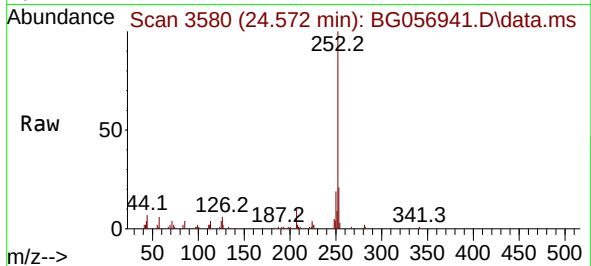
#89
Benzo(k)fluoranthene
Concen: 5.284 ng
RT: 24.572 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:252 Resp: 40100
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 4.5 3.8 5.6

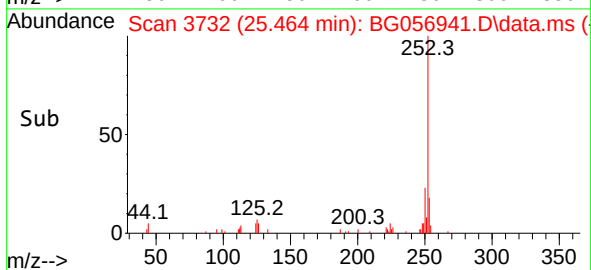
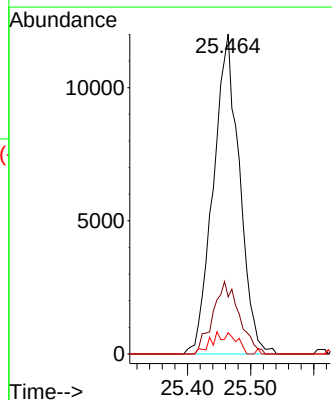
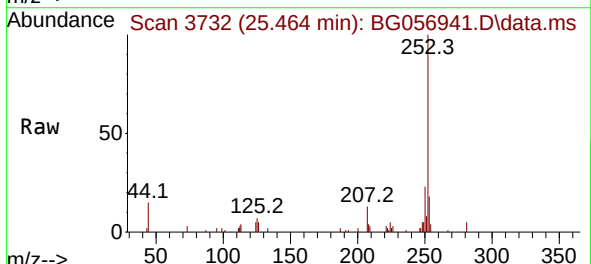
Manual Integrations
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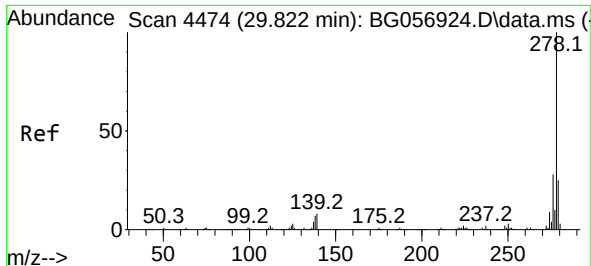
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#90
Benzo(a)pyrene
Concen: 4.627 ng
RT: 25.464 min Scan# 3732
Delta R.T. -0.017 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

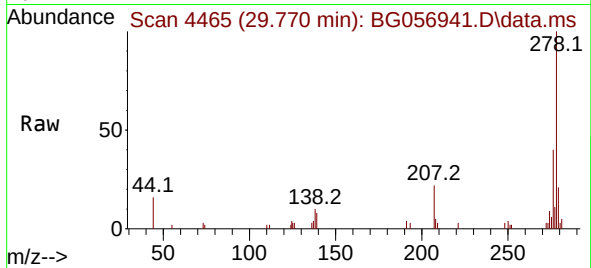
Tgt Ion:252 Resp: 34564
Ion Ratio Lower Upper
252 100
253 17.8 17.6 26.4
125 6.6 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 5.269 ng
RT: 29.770 min Scan# 4474
Delta R.T. -0.052 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44

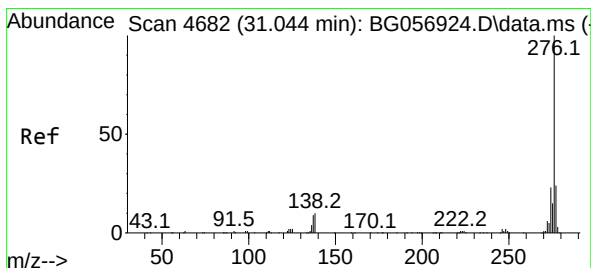
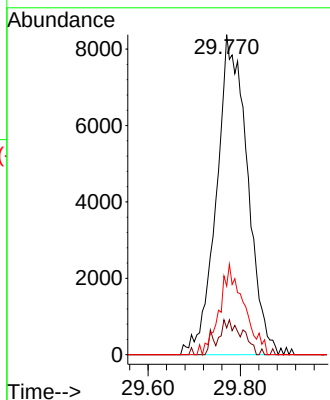
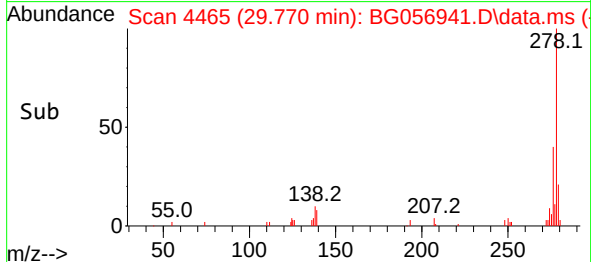
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



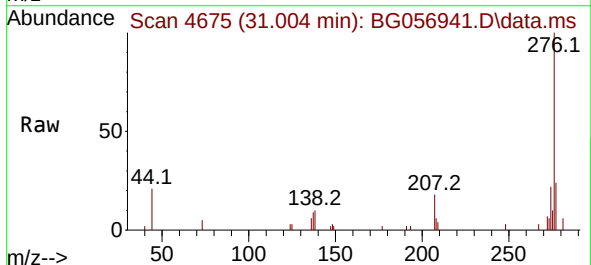
Tgt Ion: 278 Resp: 38900
Ion Ratio Lower Upper
278 100
139 8.4 6.4 9.6
279 21.4 20.2 30.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/03/2023
Supervised By : Jagrut Upadhyay 04/03/2023



#92
Benzo(g,h,i)perylene
Concen: 5.211 ng
RT: 31.004 min Scan# 4675
Delta R.T. -0.040 min
Lab File: BG056941.D
Acq: 31 Mar 2023 12:44



Tgt Ion: 276 Resp: 37679
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 10.2 8.2 12.2

