

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056955.D
 Acq On : 3 Apr 2023 13:08
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Apr 04 04:55:07 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 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	17194	20.000	ng	0.00
21) Naphthalene-d8	11.260	136	73419	20.000	ng	# 0.00
39) Acenaphthene-d10	15.032	164	55930	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	142072	20.000	ng	0.00
76) Chrysene-d12	22.093	240	133777	20.000	ng	0.00
86) Perylene-d12	25.641	264	145125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	111997	104.249	ng	0.00
7) Phenol-d6	7.536	99	163497	101.754	ng	0.00
23) Nitrobenzene-d5	9.592	82	132331	73.750	ng	0.00
42) 2,4,6-Tribromophenol	16.512	330	95759	107.173	ng	0.00
45) 2-Fluorobiphenyl	13.657	172	322812	78.265	ng	0.00
79) Terphenyl-d14	20.342	244	626454	79.241	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.729	88	3491	7.413	ng	93
3) Pyridine	4.158	79	9551	6.297	ng	93
4) n-Nitrosodimethylamine	4.064	42	4298	6.163	ng	# 94
6) Aniline	7.724	93	14913	7.260	ng	95
8) 2-Chlorophenol	7.971	128	7902	7.384	ng	92
9) Benzaldehyde	7.536	77	9334	9.262	ng	91
10) Phenol	7.565	94	11062	6.948	ng	82
11) bis(2-Chloroethyl)ether	7.812	93	7894	6.961	ng	96
12) 1,3-Dichlorobenzene	8.305	146	9497m	8.032	ng	
13) 1,4-Dichlorobenzene	8.452	146	8471	7.098	ng	97
14) 1,2-Dichlorobenzene	8.781	146	9166m	7.950	ng	
15) Benzyl Alcohol	8.640	79	8784	6.579	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.934	45	10356	7.577	ng	90
17) 2-Methylphenol	8.840	107	7668	6.751	ng	90
18) Hexachloroethane	9.521	117	3184	7.300	ng	85
19) n-Nitroso-di-n-propyla...	9.210	70	7657	6.662	ng	89
20) 3+4-Methylphenols	9.169	107	10036	6.319	ng	92
22) Acetophenone	9.239	105	14975	6.855	ng	# 89
24) Nitrobenzene	9.633	77	12903	7.034	ng	# 95
25) Isophorone	10.150	82	22649	6.629	ng	96
26) 2-Nitrophenol	10.356	139	4804	6.784	ng	# 91
27) 2,4-Dimethylphenol	10.397	122	8297	6.637	ng	97
28) bis(2-Chloroethoxy)met...	10.632	93	11073	6.473	ng	# 97
29) 2,4-Dichlorophenol	10.884	162	9180	6.828	ng	89
30) 1,2,4-Trichlorobenzene	11.107	180	9771	6.840	ng	# 92
31) Naphthalene	11.307	128	26360	6.587	ng	# 93
32) Benzoic acid	10.461	122	3217	3.746	ng	92
33) 4-Chloroaniline	11.401	127	11118	6.151	ng	97
34) Hexachlorobutadiene	11.583	225	6757	6.296	ng	# 82
35) Caprolactam	12.130	113	2850	6.146	ng	# 87
36) 4-Chloro-3-methylphenol	12.488	107	9447	6.283	ng	91
37) 2-Methylnaphthalene	12.882	142	21319	6.712	ng	99
38) 1-Methylnaphthalene	13.099	142	20079	6.733	ng	97
40) 1,2,4,5-Tetrachloroben...	13.240	216	14827	7.645	ng	97
41) Hexachlorocyclopentadiene	13.222	237	7656	7.164	ng	97
43) 2,4,6-Trichlorophenol	13.469	196	8183m	6.612	ng	

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 Misc : MDL-MDL-WATER 8ppm
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Instrument :
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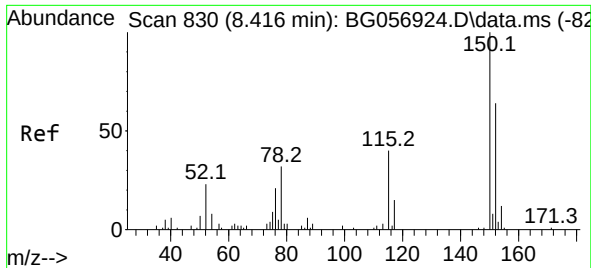
Quant Time: Apr 04 04:55:07 2023
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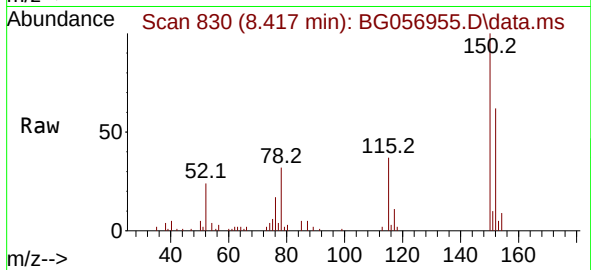
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.539	196	9061	6.180	ng	97
46) 1,1'-Biphenyl	13.863	154	29248	7.144	ng	98
47) 2-Chloronaphthalene	13.915	162	23061	7.616	ng	97
48) 2-Nitroaniline	14.109	65	6957	6.425	ng	95
49) Acenaphthylene	14.755	152	35790	7.194	ng	95
50) Dimethylphthalate	14.462	163	30719	6.971	ng	# 97
51) 2,6-Dinitrotoluene	14.585	165	6362	6.682	ng	89
52) Acenaphthene	15.096	154	24258	7.070	ng	99
53) 3-Nitroaniline	14.914	138	6925	7.348	ng	87
54) 2,4-Dinitrophenol	15.120	184	2441	4.555	ng	# 74
55) Dibenzofuran	15.419	168	38724	7.519	ng	98
56) 4-Nitrophenol	15.202	139	4600	6.601	ng	# 82
57) 2,4-Dinitrotoluene	15.366	165	9002	6.703	ng	# 99
58) Fluorene	16.065	166	30796	7.227	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.642	232	9274	6.947	ng	# 97
60) Diethylphthalate	15.807	149	31571	7.146	ng	94
61) 4-Chlorophenyl-phenyle...	16.048	204	17187	6.869	ng	98
62) 4-Nitroaniline	16.071	138	6823	6.988	ng	85
63) Azobenzene	16.342	77	30898	7.018	ng	96
65) 4,6-Dinitro-2-methylph...	16.130	198	5238	6.088	ng	88
66) n-Nitrosodiphenylamine	16.259	169	26810	7.030	ng	98
67) 4-Bromophenyl-phenylether	16.947	248	11874	6.755	ng	94
68) Hexachlorobenzene	17.070	284	12981	7.469	ng	93
69) Atrazine	17.187	200	12031	7.600	ng	95
70) Pentachlorophenol	17.411	266	6464	5.184	ng	91
71) Phenanthrene	17.810	178	52830	7.293	ng	98
72) Anthracene	17.904	178	51315	6.911	ng	96
73) Carbazole	18.163	167	47204	7.291	ng	97
74) Di-n-butylphthalate	18.691	149	51926	6.926	ng	98
75) Fluoranthene	19.796	202	62674	6.826	ng	97
77) Benzidine	19.960	184	35405	9.683	ng	98
78) Pyrene	20.160	202	63141	6.824	ng	96
80) Butylbenzylphthalate	21.018	149	20649	6.485	ng	94
81) Benzo(a)anthracene	22.069	228	63930	6.906	ng	98
82) 3,3'-Dichlorobenzidine	21.969	252	26206	8.383	ng	# 97
83) Chrysene	22.140	228	59491	6.863	ng	99
84) Bis(2-ethylhexyl)phtha...	21.928	149	31324	6.794	ng	99
85) Di-n-octyl phthalate	23.244	149	53488	6.884	ng	98
87) Indeno(1,2,3-cd)pyrene	29.723	276	76273	7.111	ng	# 71
88) Benzo(b)fluoranthene	24.501	252	66827	7.364	ng	95
89) Benzo(k)fluoranthene	24.572	252	64602	7.131	ng	93
90) Benzo(a)pyrene	25.465	252	57429	6.440	ng	# 93
91) Dibenzo(a,h)anthracene	29.800	278	63504	7.203	ng	93
92) Benzo(g,h,i)perylene	31.010	276	59874	6.936	ng	# 92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.417 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

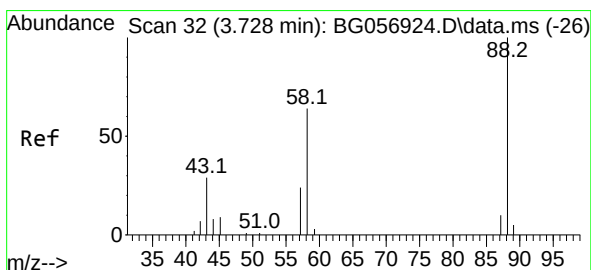
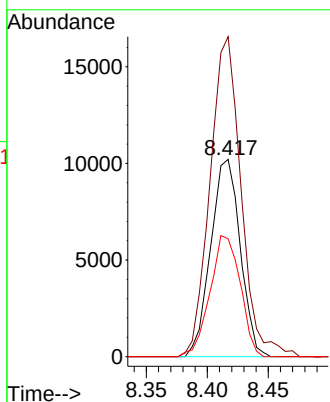
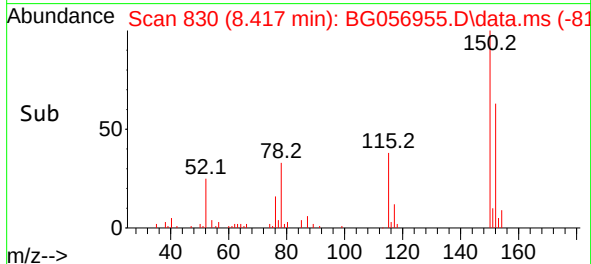
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:152 Resp: 17194
Ion Ratio Lower Upper
152 100
150 162.2 124.1 186.1
115 59.8 49.1 73.7

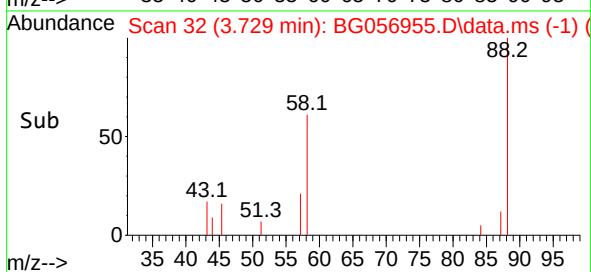
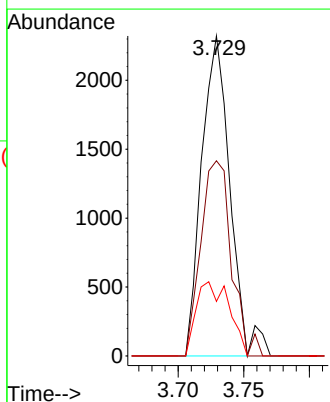
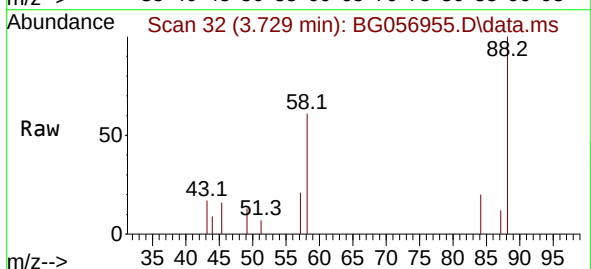
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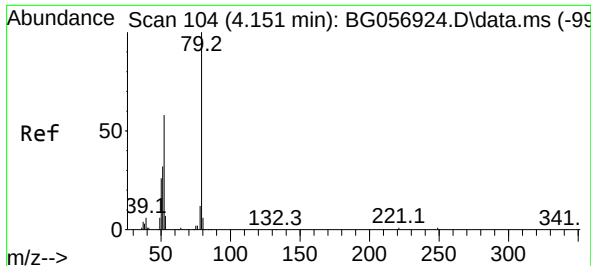
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#2
1,4-Dioxane
Concen: 7.413 ng
RT: 3.729 min Scan# 32
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

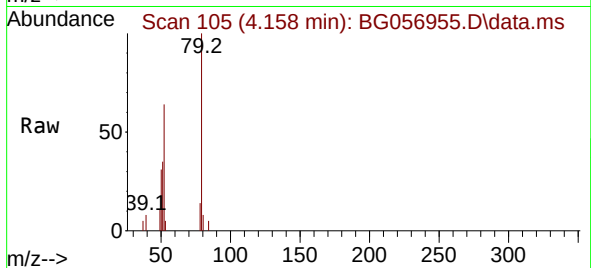
Tgt Ion: 88 Resp: 3491
Ion Ratio Lower Upper
88 100
58 65.5 55.9 83.9
43 26.9 25.7 38.5





#3
Pyridine
Concen: 6.297 ng
RT: 4.158 min Scan# 104
Delta R.T. 0.007 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

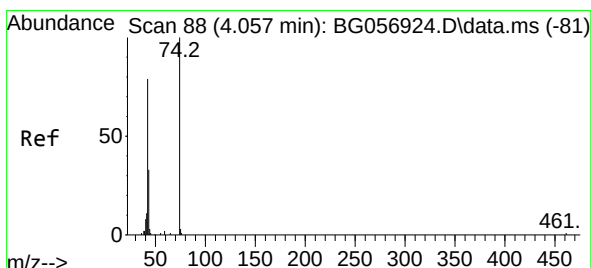
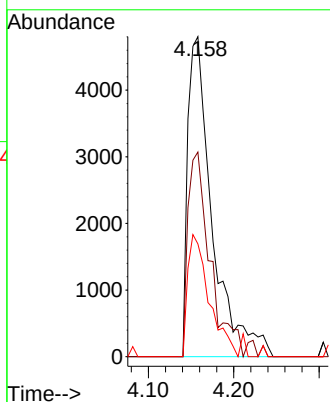
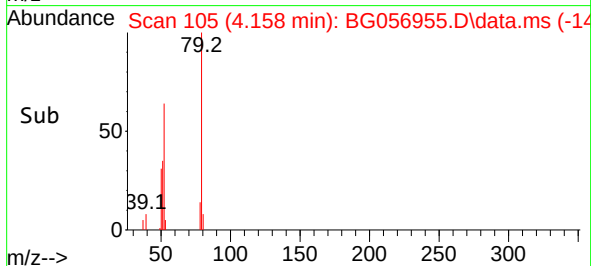
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 955
Ion Ratio Lower Upper
79 100
52 63.9 46.1 69.1
51 35.3 26.1 39.1

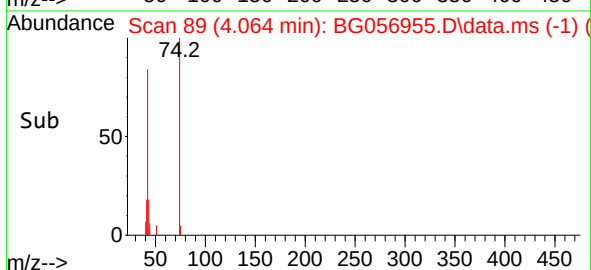
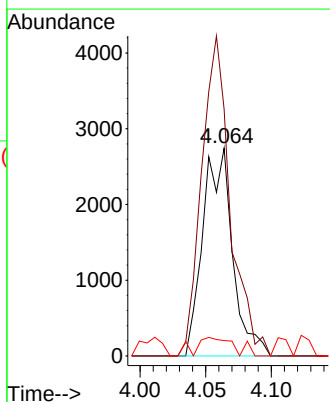
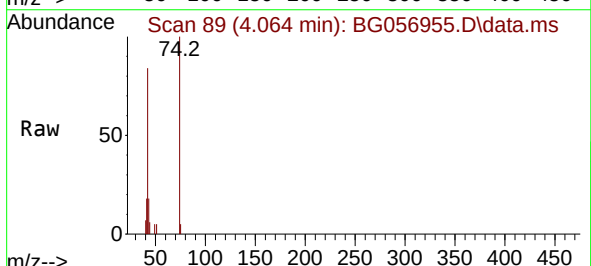
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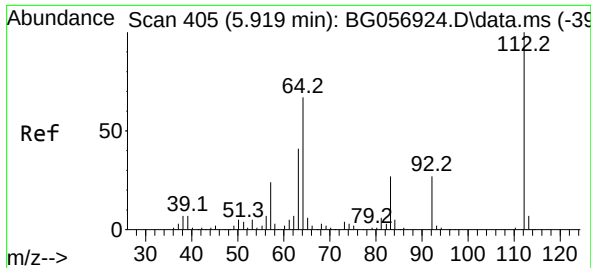
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#4
n-Nitrosodimethylamine
Concen: 6.163 ng
RT: 4.064 min Scan# 89
Delta R.T. 0.007 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion: 42 Resp: 4298
Ion Ratio Lower Upper
42 100
74 118.7 100.6 151.0
44 7.4 4.6 7.0#





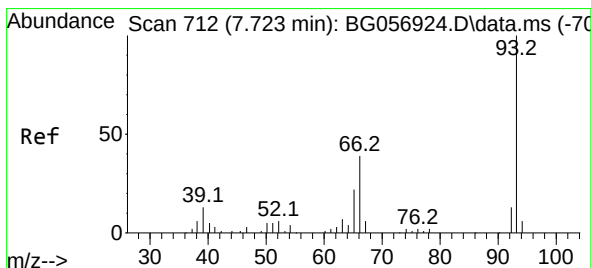
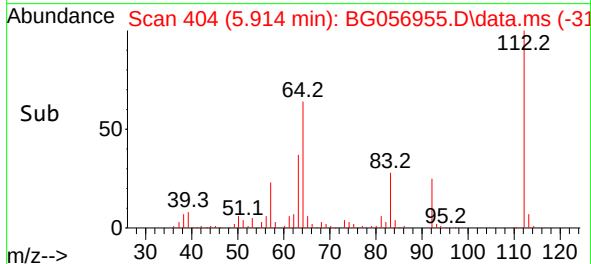
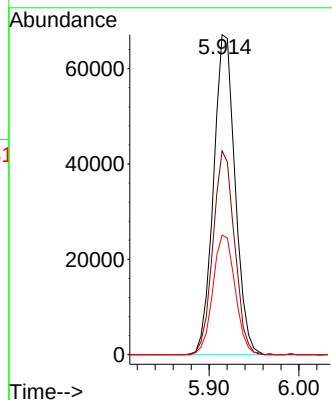
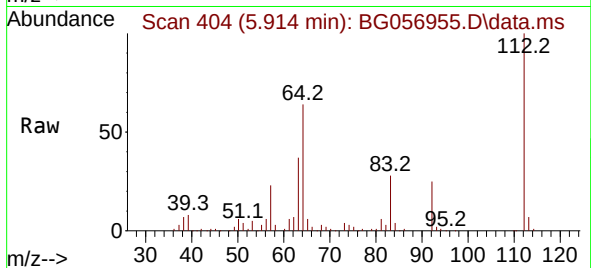
#5
2-Fluorophenol
Concen: 104.249 ng
RT: 5.914 min Scan# 405
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:112 Resp: 11199
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 37.3 32.6 48.8

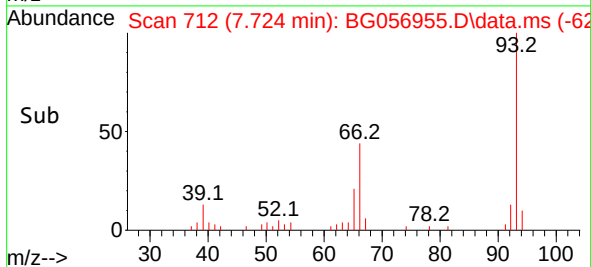
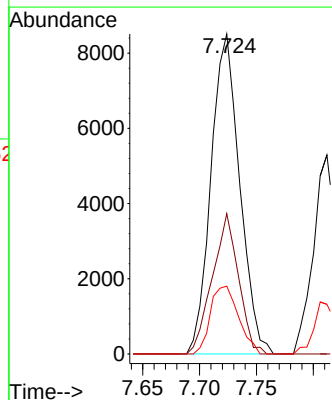
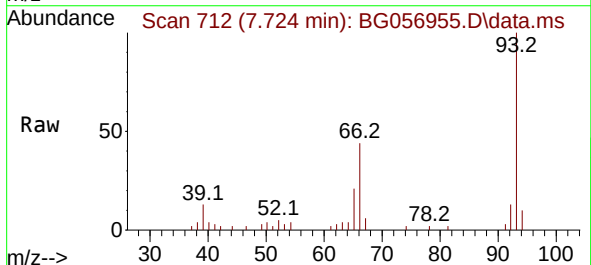
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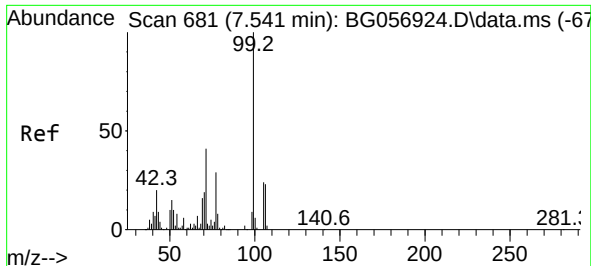
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#6
Aniline
Concen: 7.260 ng
RT: 7.724 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

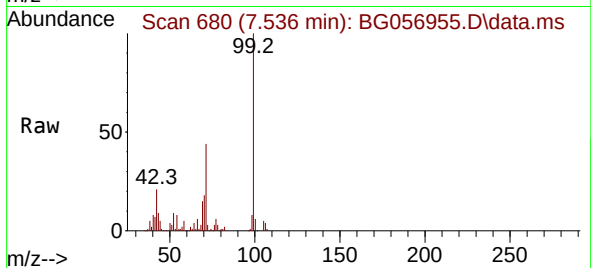
Tgt Ion: 93 Resp: 14913
Ion Ratio Lower Upper
93 100
66 43.9 31.4 47.0
65 21.2 17.3 25.9





#7
Phenol-d6
Concen: 101.754 ng
RT: 7.536 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

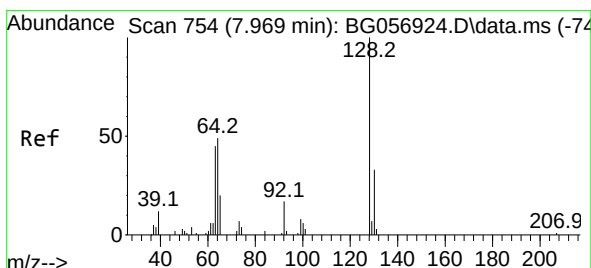
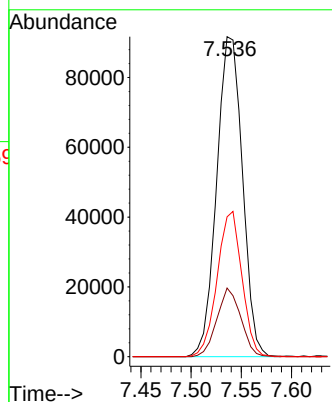
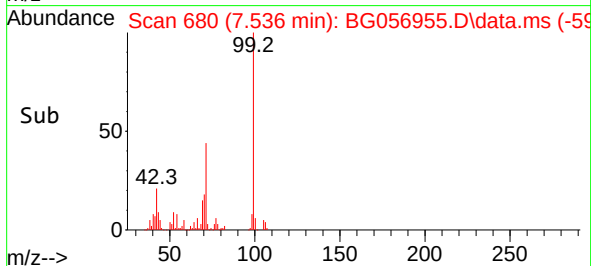
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 99 Resp: 16349
Ion Ratio Lower Upper
99 100
42 21.4 15.7 23.5
71 43.7 32.5 48.7

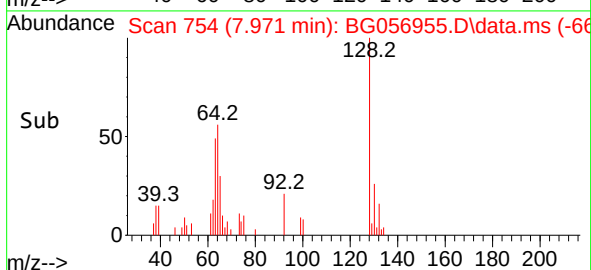
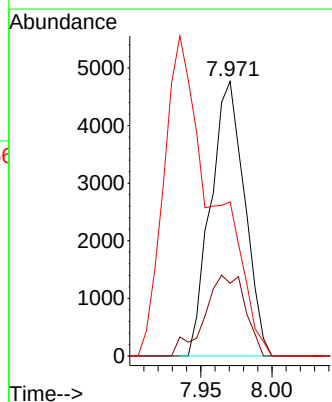
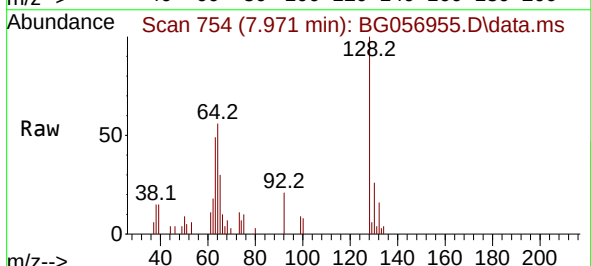
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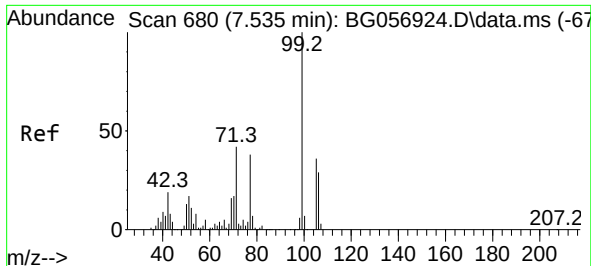
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#8
2-Chlorophenol
Concen: 7.384 ng
RT: 7.971 min Scan# 754
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

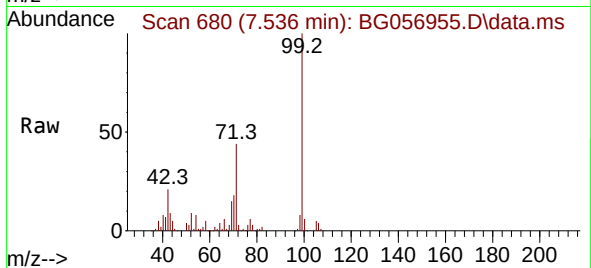
Tgt Ion:128 Resp: 7902
Ion Ratio Lower Upper
128 100
130 26.5 12.6 52.6
64 56.1 40.6 80.6





#9
Benzaldehyde
Concen: 9.262 ng
RT: 7.536 min Scan# 680
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

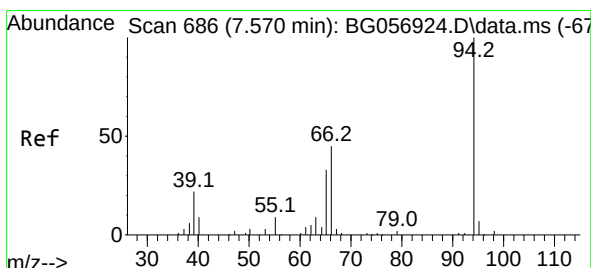
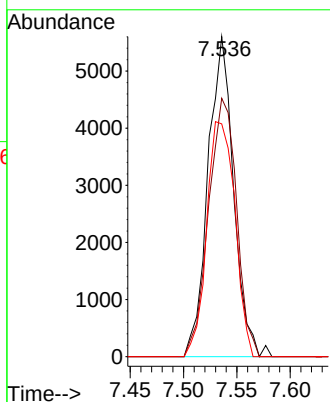
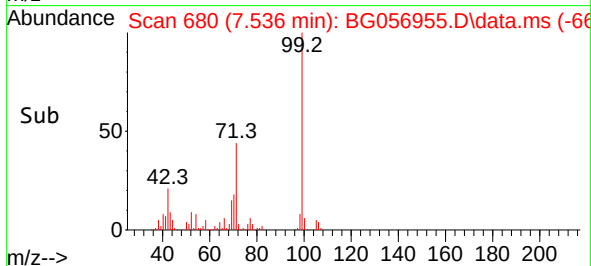
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 77 Resp: 9334
Ion Ratio Lower Upper
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106 72.8 56.7 96.7

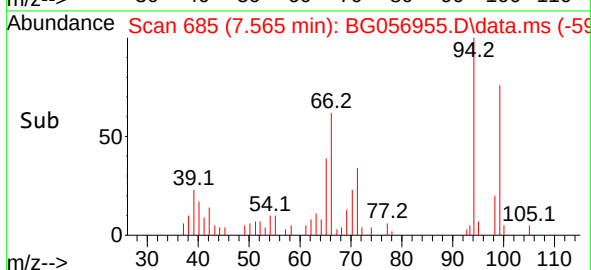
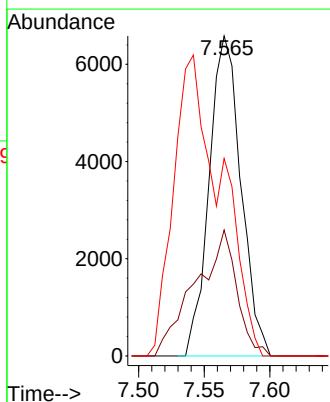
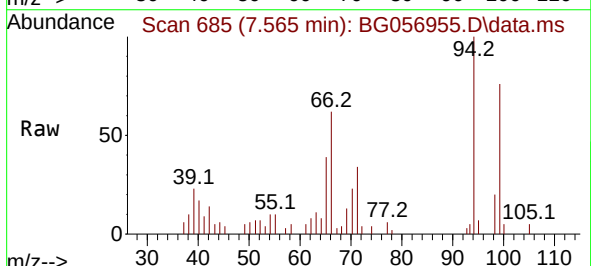
Manual Integrations
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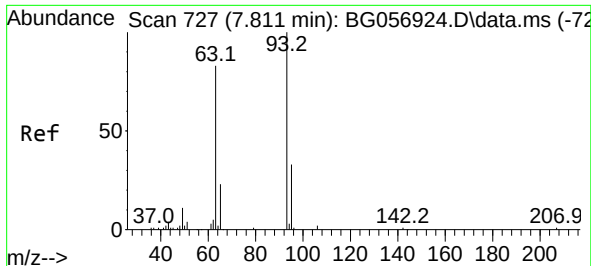
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#10
Phenol
Concen: 6.948 ng
RT: 7.565 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

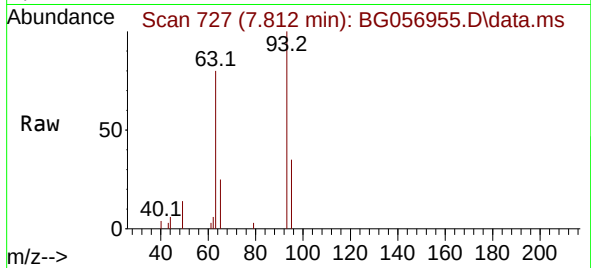
Tgt Ion: 94 Resp: 11062
Ion Ratio Lower Upper
94 100
65 39.3 13.3 53.3
66 61.7 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 6.961 ng
RT: 7.812 min Scan# 727
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

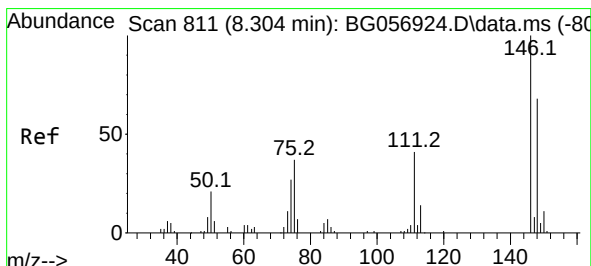
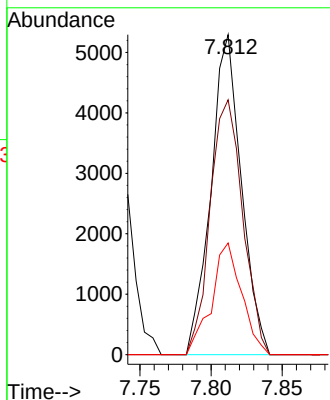
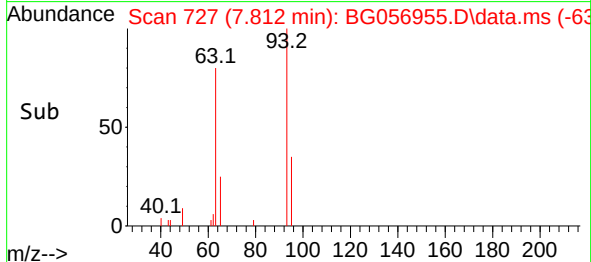
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 93 Resp: 7894
Ion Ratio Lower Upper
93 100
63 79.7 62.7 102.7
95 34.9 12.3 52.3

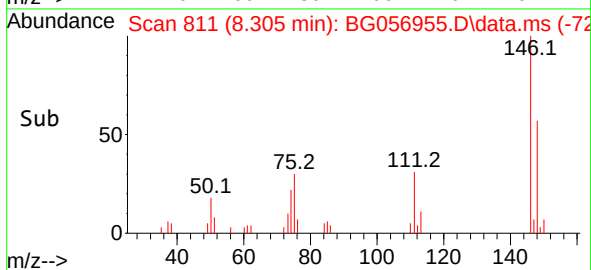
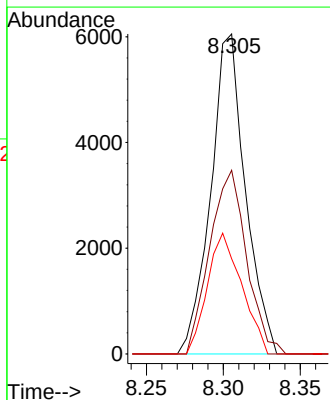
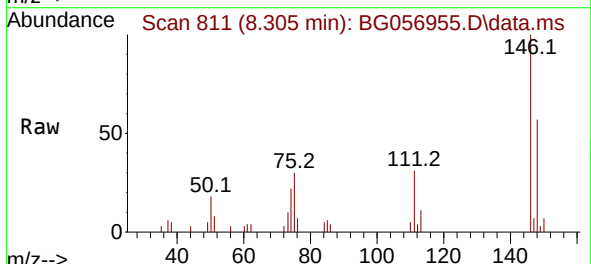
Manual Integrations
APPROVED

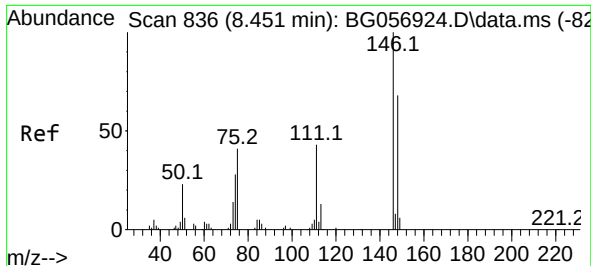
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#12
1,3-Dichlorobenzene
Concen: 8.032 ng m
RT: 8.305 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

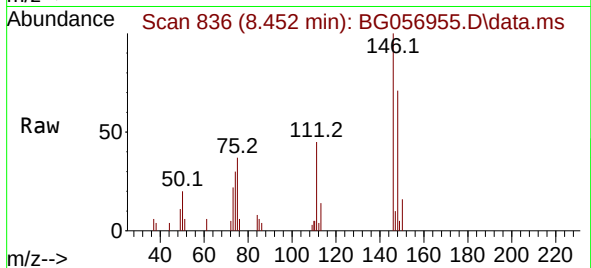
Tgt Ion:146 Resp: 9497
Ion Ratio Lower Upper
146 100
148 57.4 54.2 81.4
75 29.8 29.8 44.8#





#13
1,4-Dichlorobenzene
Concen: 7.098 ng
RT: 8.452 min Scan# 847
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

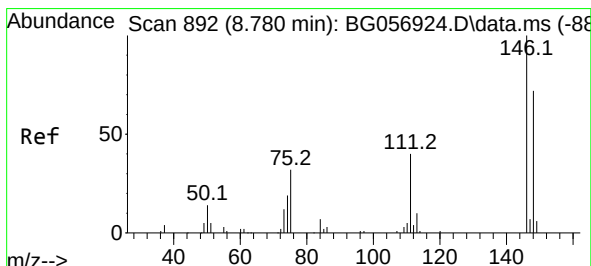
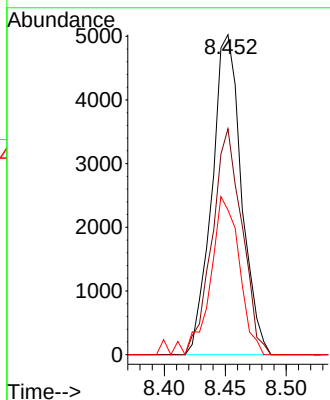
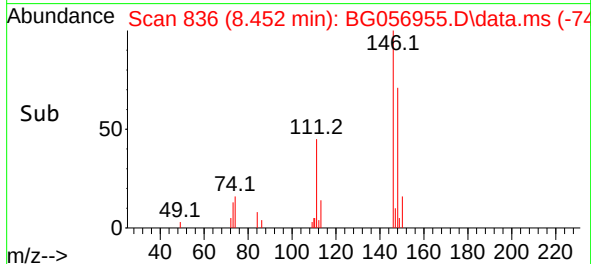
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



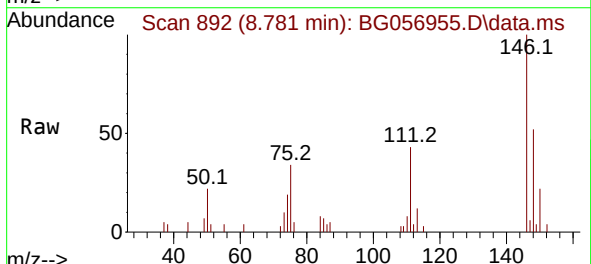
Tgt Ion:146 Resp: 847
Ion Ratio Lower Upper
146 100
148 70.6 54.8 82.2
111 45.2 34.6 52.0

Manual Integrations
APPROVED

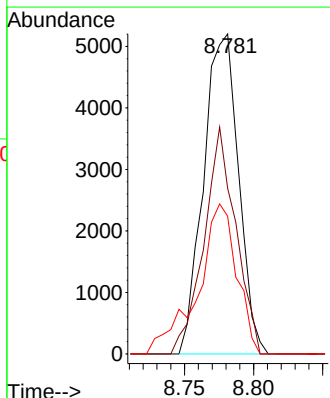
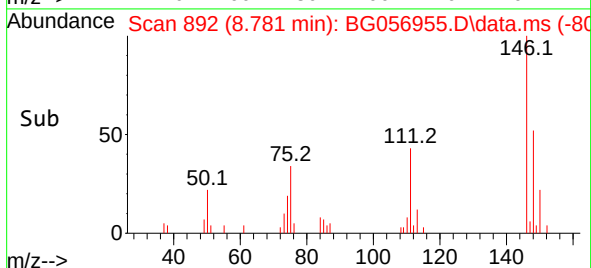
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

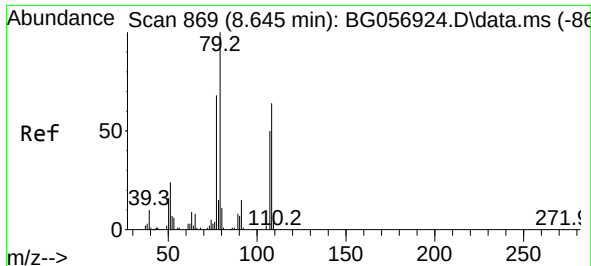


#14
1,2-Dichlorobenzene
Concen: 7.950 ng m
RT: 8.781 min Scan# 892
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



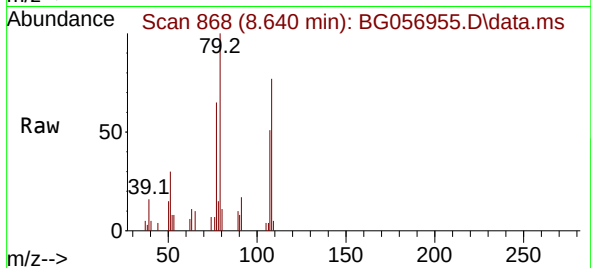
Tgt Ion:146 Resp: 9166
Ion Ratio Lower Upper
146 100
148 51.8 57.4 86.0#
111 43.0 33.2 49.8





#15
Benzyl Alcohol
Concen: 6.579 ng
RT: 8.640 min Scan# 869
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

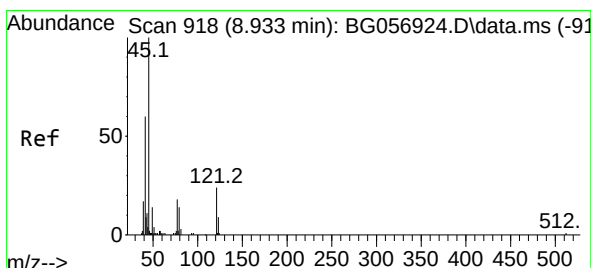
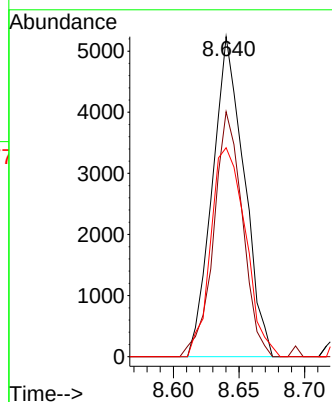
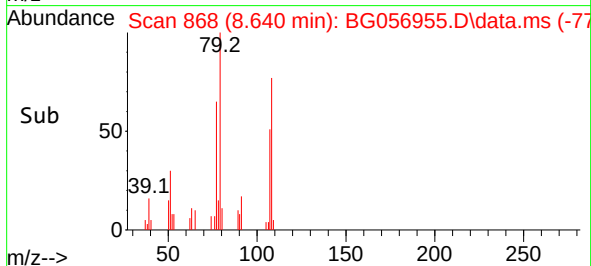
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 8784
Ion Ratio Lower Upper
79 100
108 76.6 51.2 76.8
77 65.3 54.4 81.6

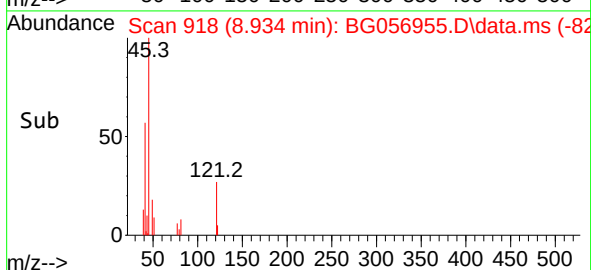
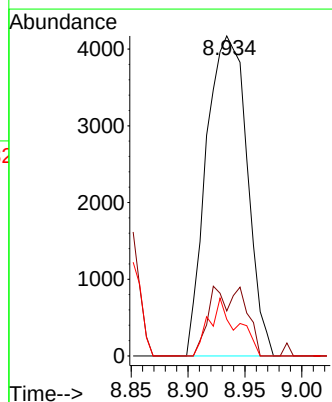
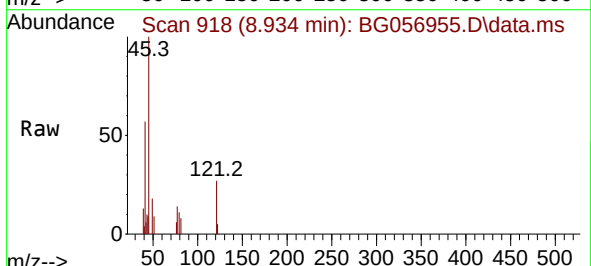
Manual Integrations
APPROVED

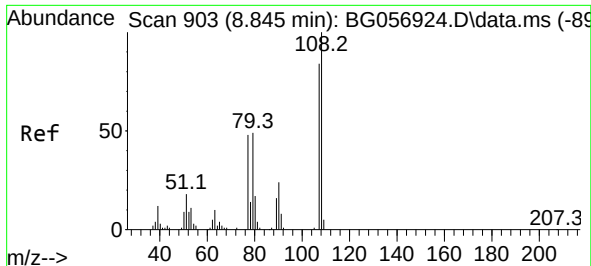
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.577 ng
RT: 8.934 min Scan# 918
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

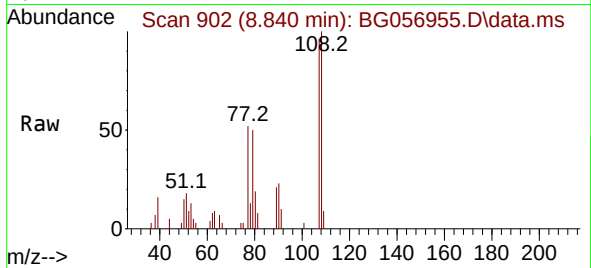
Tgt Ion: 45 Resp: 10356
Ion Ratio Lower Upper
45 100
77 14.1 0.0 38.7
79 11.5 0.0 35.1





#17
2-Methylphenol
Concen: 6.751 ng
RT: 8.840 min Scan# 903
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

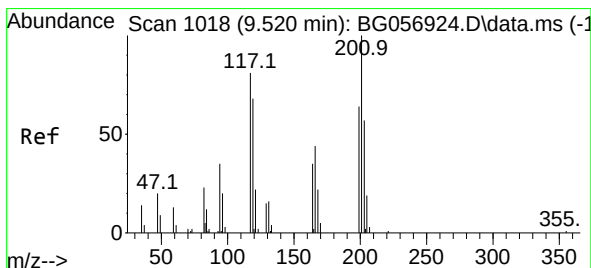
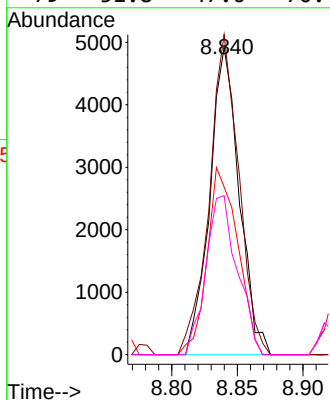
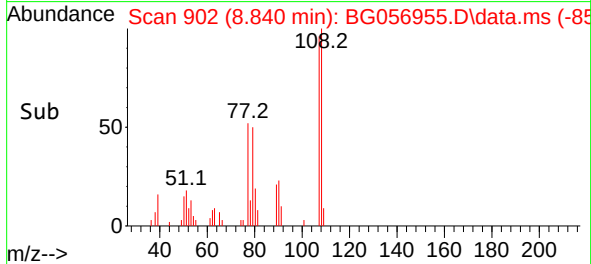
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.2	96.0	144.0
77	54.6	45.6	68.4
79	51.8	47.0	70.4

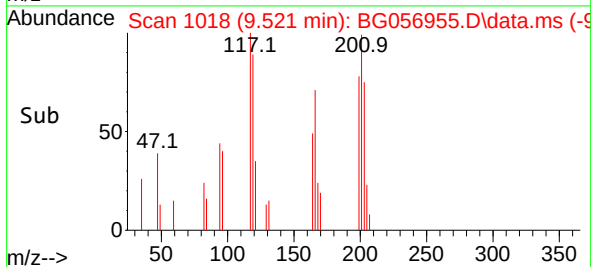
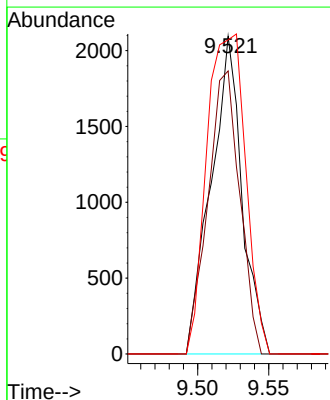
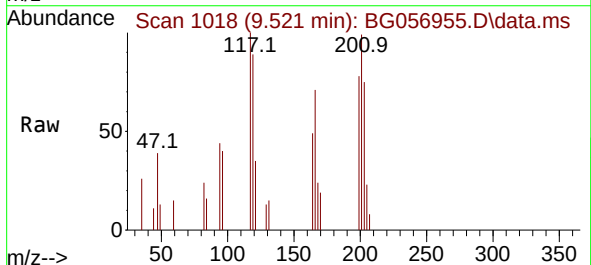
Manual Integrations
APPROVED

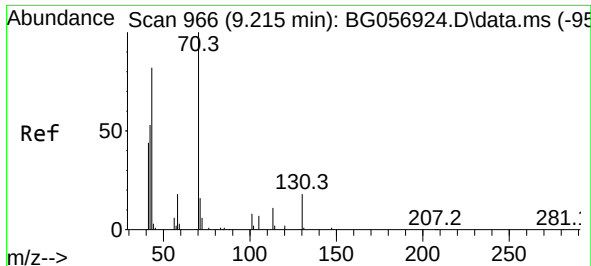
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#18
Hexachloroethane
Concen: 7.300 ng
RT: 9.521 min Scan# 1018
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

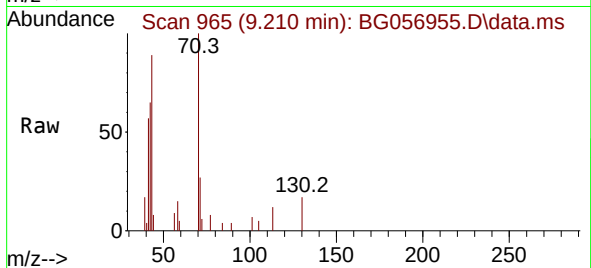
Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	67.0	100.6
201	98.9	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 6.662 ng
RT: 9.210 min Scan# 910
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

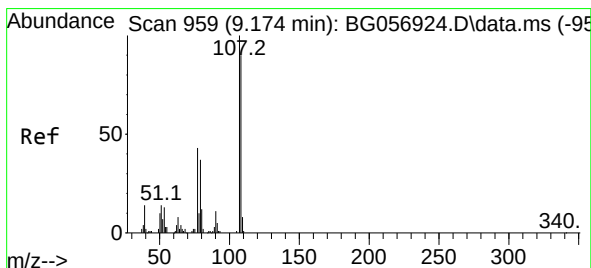
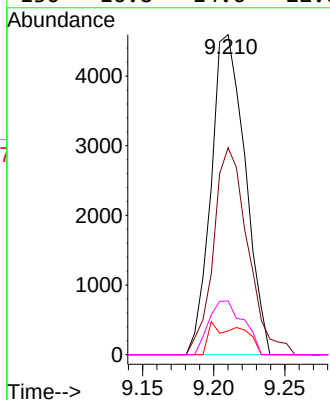
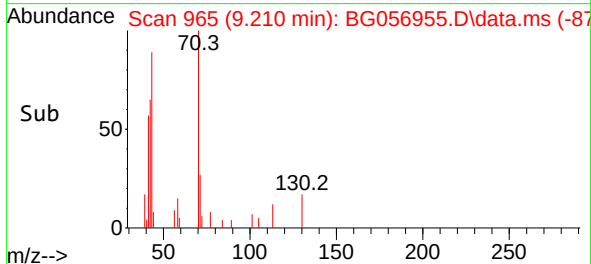
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 70 Resp: 765
Ion Ratio Lower Upper
70 100
42 64.7 43.4 65.0
101 7.4 6.2 9.2
130 16.8 14.6 22.0

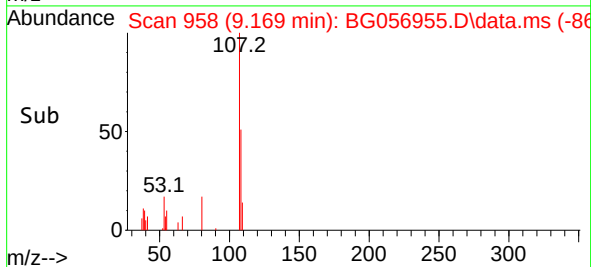
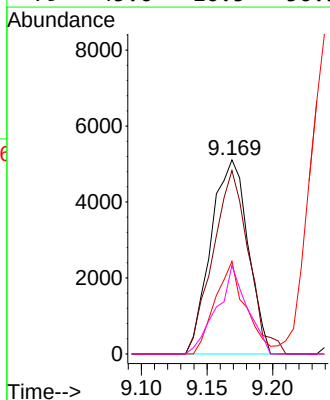
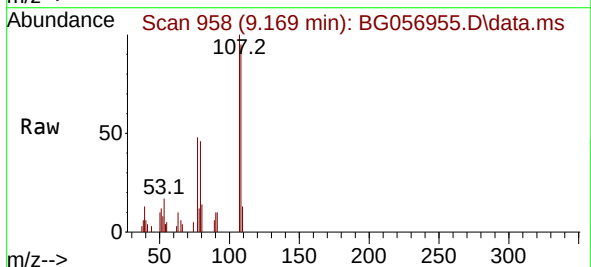
Manual Integrations
APPROVED

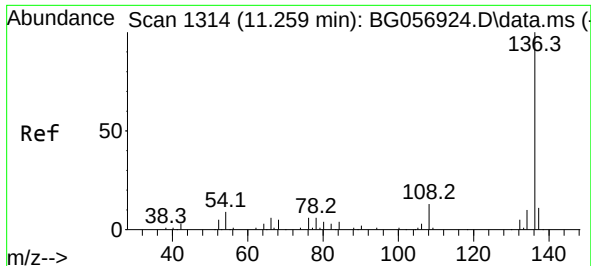
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#20
3+4-Methylphenols
Concen: 6.319 ng
RT: 9.169 min Scan# 958
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

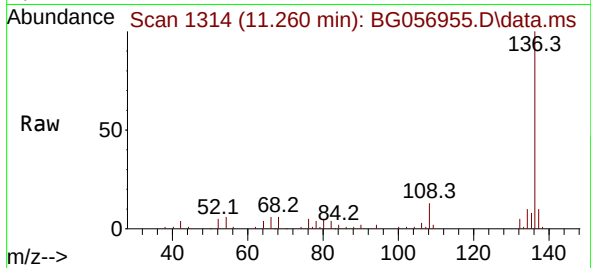
Tgt Ion:107 Resp: 10036
Ion Ratio Lower Upper
107 100
108 94.5 69.9 109.9
77 47.7 22.7 62.7
79 45.6 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.260 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

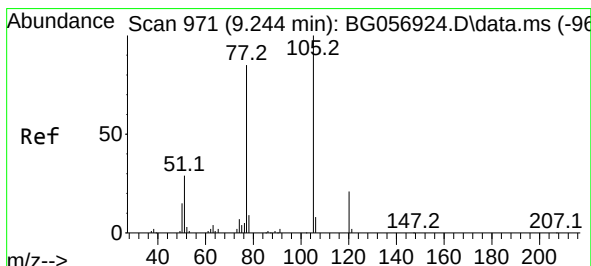
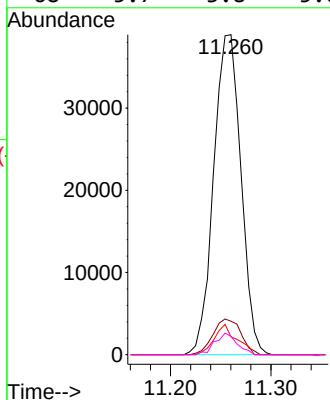
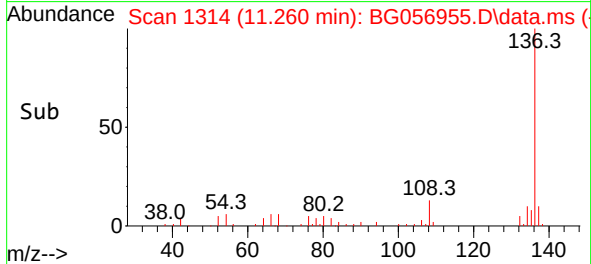
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



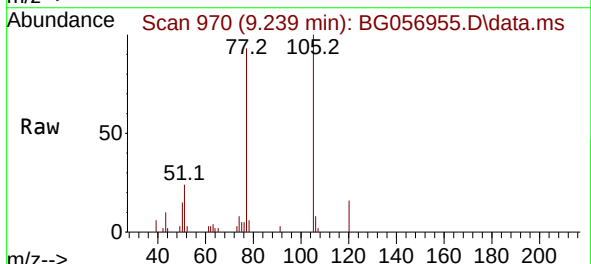
Tgt Ion:136 Resp: 73419
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 5.5 6.9 10.3
68 5.7 3.8 5.6#

Manual Integrations
APPROVED

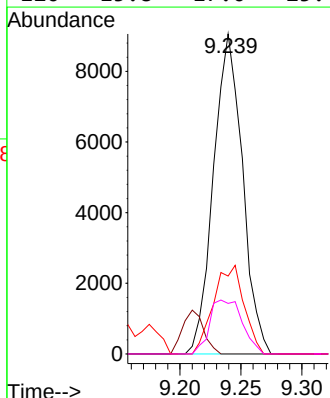
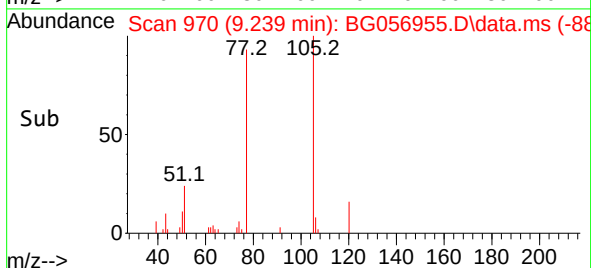
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

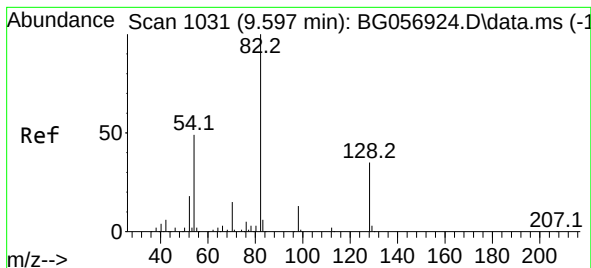


#22
Acetophenone
Concen: 6.855 ng
RT: 9.239 min Scan# 970
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



Tgt Ion:105 Resp: 14975
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 24.3 23.8 35.8
120 15.8 17.0 25.4#





#23

Nitrobenzene-d5

Concen: 73.750 ng

RT: 9.592 min Scan# 1030

Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

ClientSampleId :

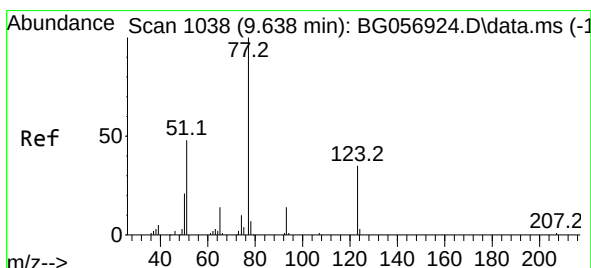
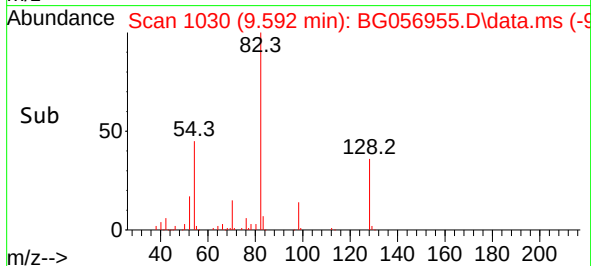
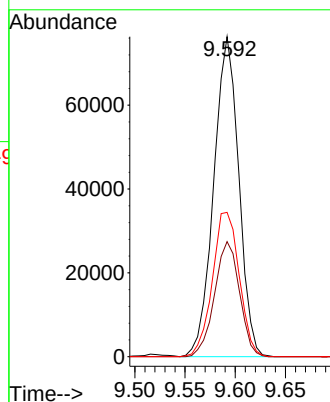
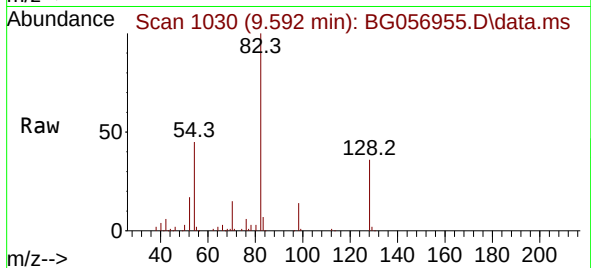
MDL-WATER-03-QT1-2023

Tgt Ion: 82 Resp: 13233
 Ion Ratio Lower Upper
 82 100
 128 35.9 27.9 41.9
 54 45.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#24

Nitrobenzene

Concen: 7.034 ng

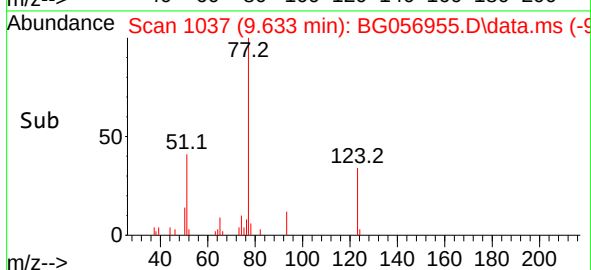
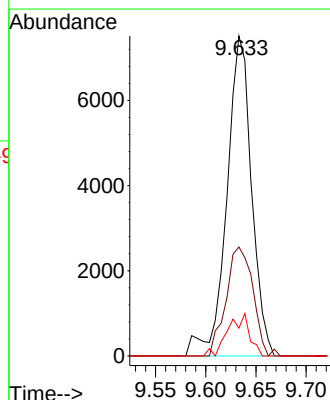
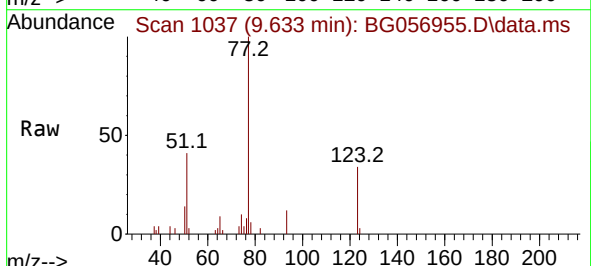
RT: 9.633 min Scan# 1037

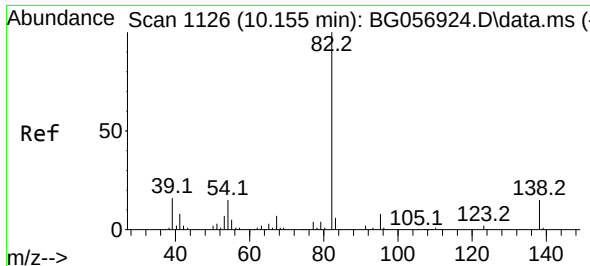
Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

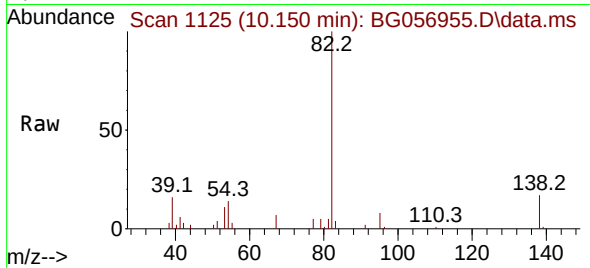
Tgt Ion: 77 Resp: 12903
 Ion Ratio Lower Upper
 77 100
 123 34.0 27.6 41.4
 65 8.7 11.5 17.3#





#25
Isophorone
Concen: 6.629 ng
RT: 10.150 min Scan# 1126
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

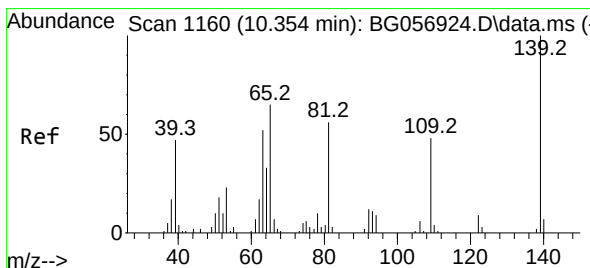
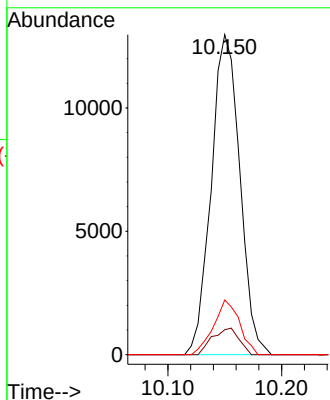
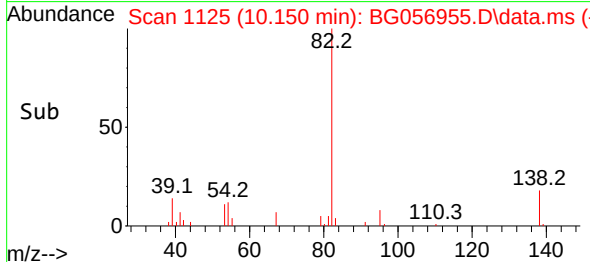
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 82 Resp: 22649
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.1 11.8 17.8

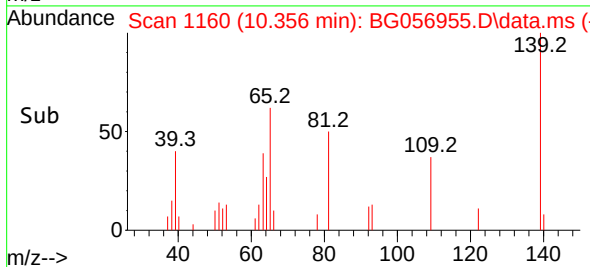
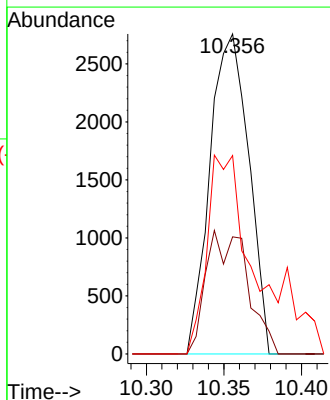
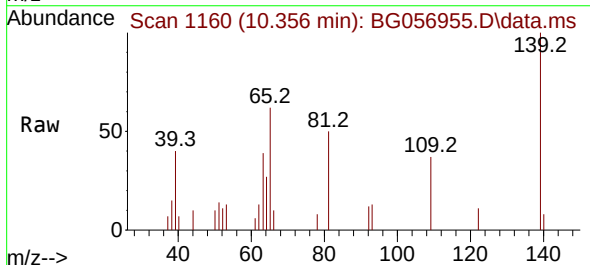
Manual Integrations
APPROVED

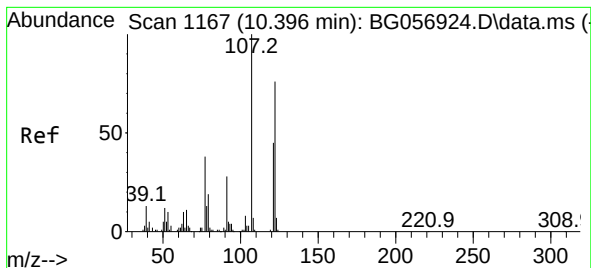
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#26
2-Nitrophenol
Concen: 6.784 ng
RT: 10.356 min Scan# 1160
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

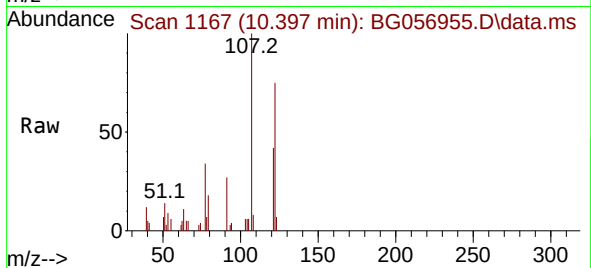
Tgt Ion:139 Resp: 4804
Ion Ratio Lower Upper
139 100
109 36.6 38.2 57.4#
65 62.0 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 6.637 ng
RT: 10.397 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

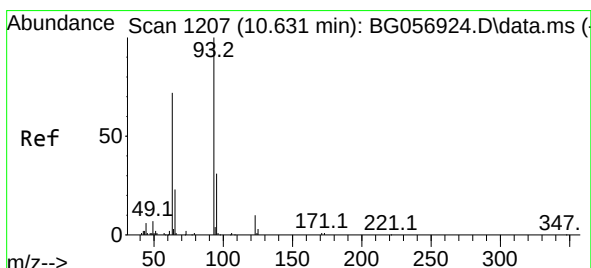
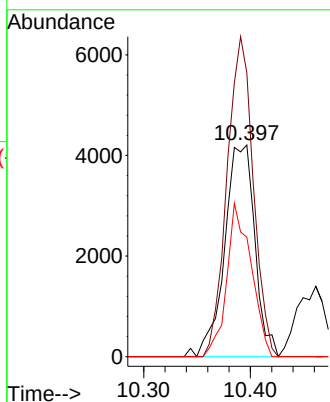
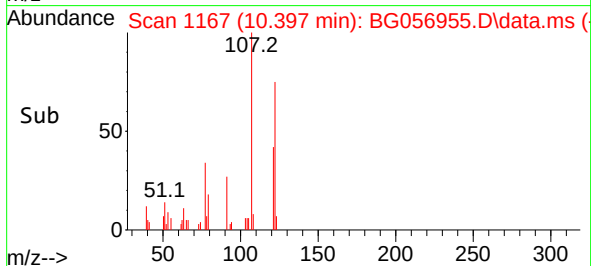
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:122 Resp: 829
Ion Ratio Lower Upper
122 100
107 134.1 105.7 158.5
121 56.5 48.0 72.0

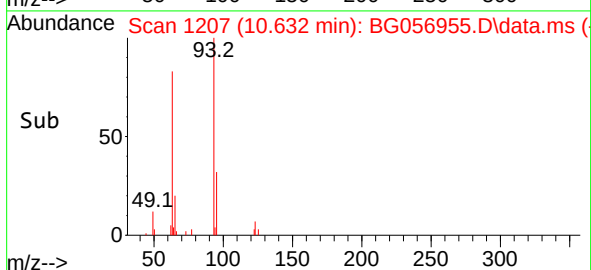
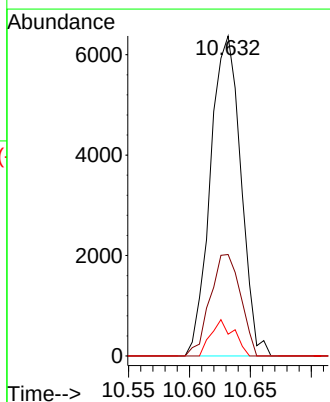
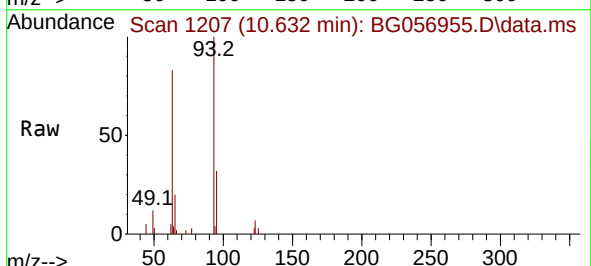
Manual Integrations
APPROVED

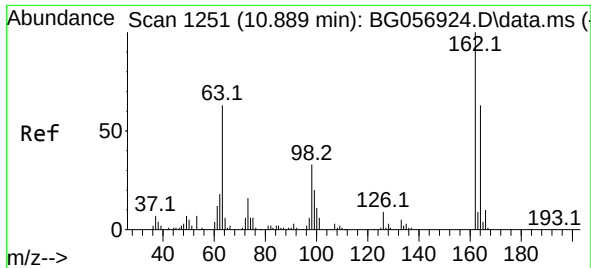
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#28
bis(2-Chloroethoxy)methane
Concen: 6.473 ng
RT: 10.632 min Scan# 1207
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion: 93 Resp: 11073
Ion Ratio Lower Upper
93 100
95 31.7 24.6 37.0
123 6.8 7.8 11.6#





#29

2,4-Dichlorophenol

Concen: 6.828 ng

RT: 10.884 min Scan# 1250

Delta R.T. -0.005 min

Lab File: BG056955.D

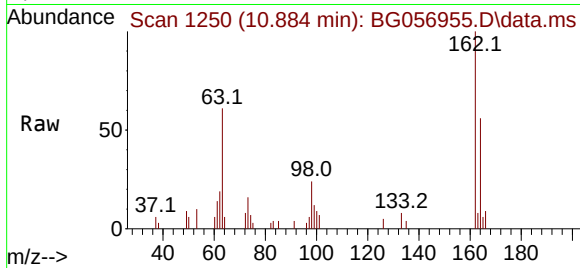
Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



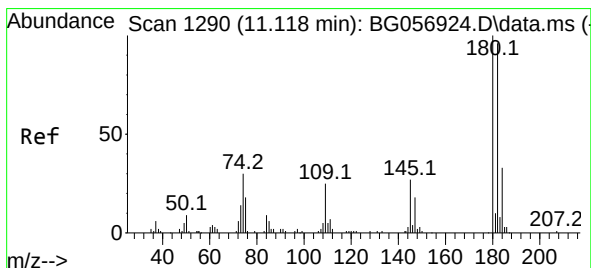
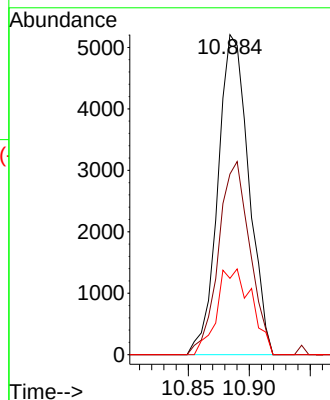
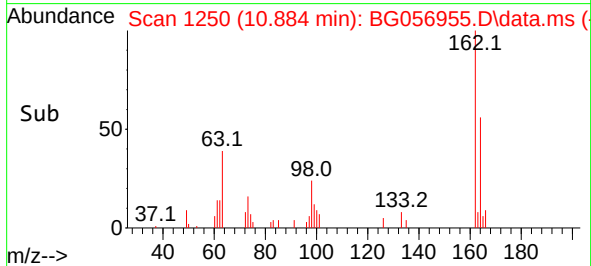
Tgt Ion:	162	Resp:	9180
Ion Ratio	Lower	Upper	
162	100		
164	56.5	43.4	83.4
98	23.9	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 6.840 ng

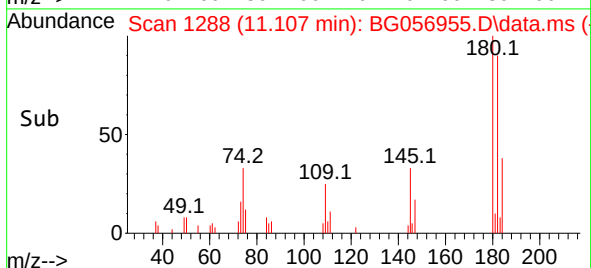
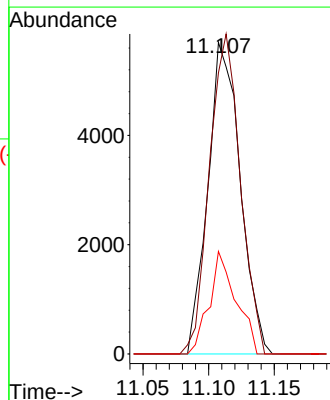
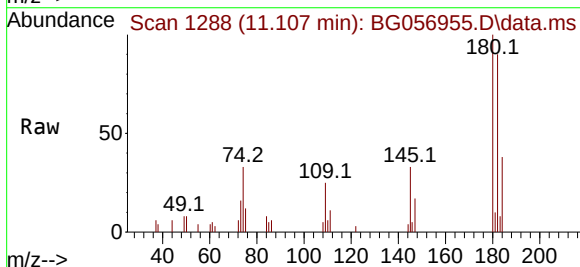
RT: 11.107 min Scan# 1288

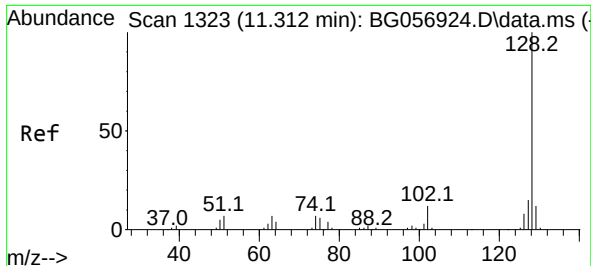
Delta R.T. -0.011 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

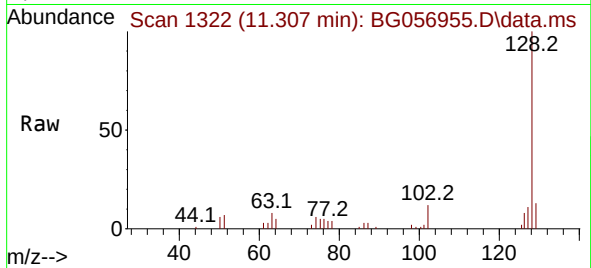
Tgt Ion:	180	Resp:	9771
Ion Ratio	Lower	Upper	
180	100		
182	90.2	77.1	115.7
145	32.9	21.3	31.9





#31
Naphthalene
Concen: 6.587 ng
RT: 11.307 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

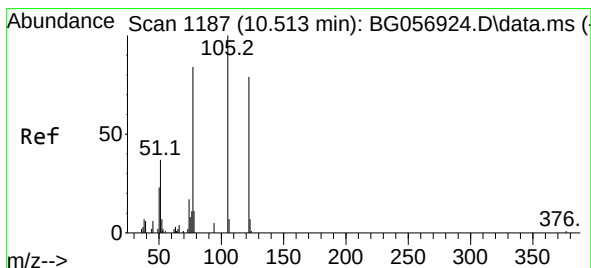
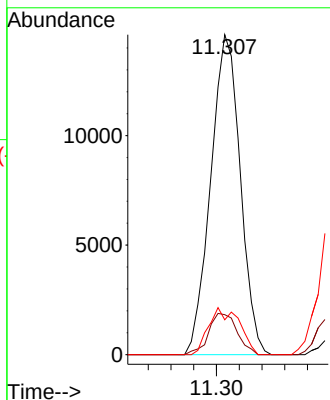
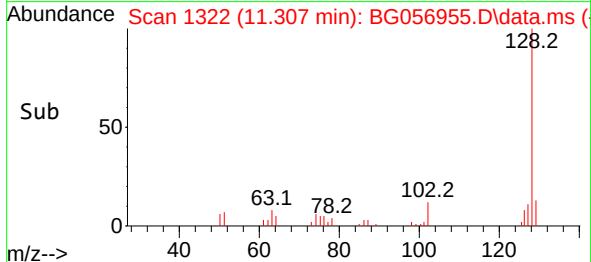
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:128 Resp: 26360
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.2
127 10.9 12.2 18.4

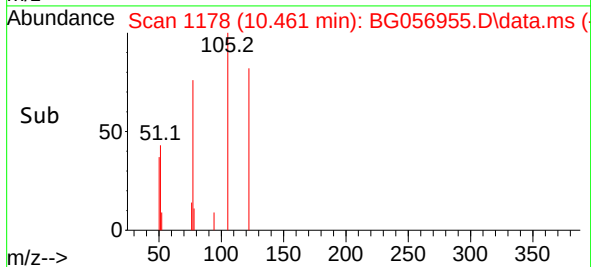
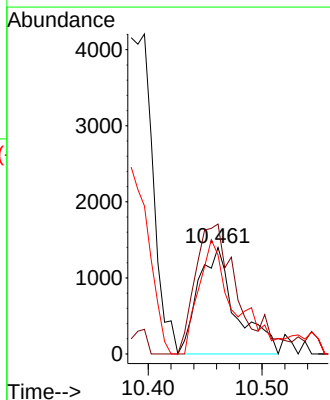
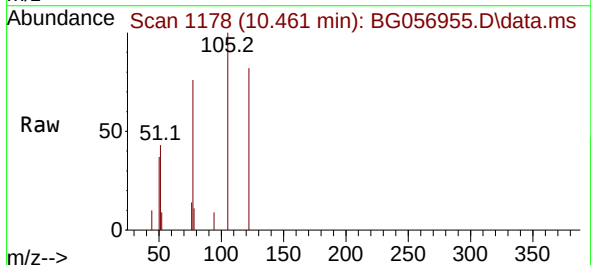
Manual Integrations
APPROVED

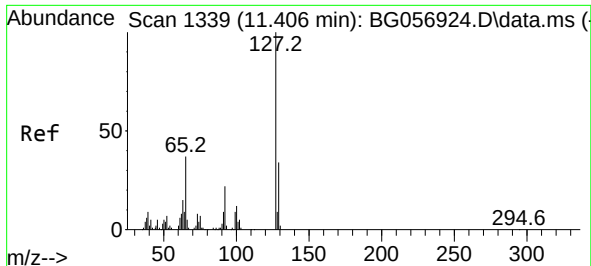
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#32
Benzoic acid
Concen: 3.746 ng
RT: 10.461 min Scan# 1178
Delta R.T. -0.052 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion:122 Resp: 3217
Ion Ratio Lower Upper
122 100
105 122.0 105.4 145.4
77 92.9 87.4 127.4





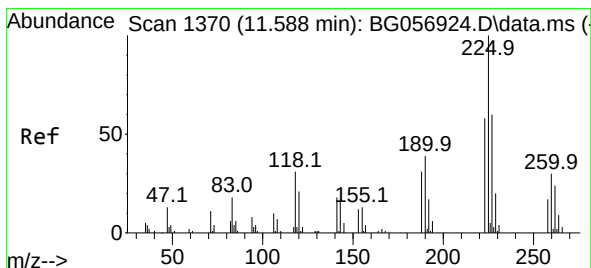
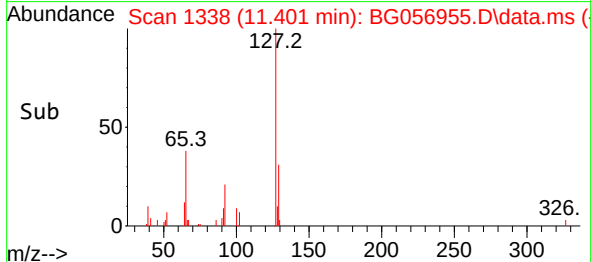
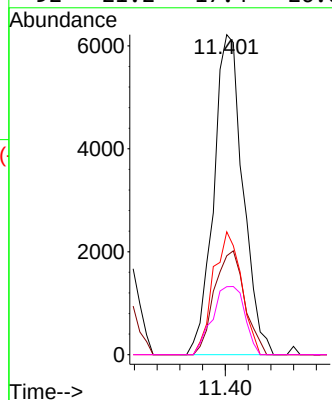
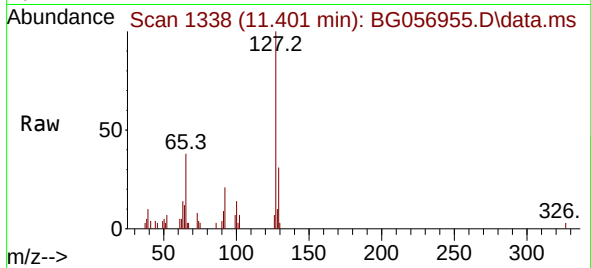
#33
4-Chloroaniline
Concen: 6.151 ng
RT: 11.401 min Scan# 11118
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:127	Resp:	11118
Ion Ratio	Lower	Upper
127	100	
129	30.9	27.6 41.4
65	38.4	29.8 44.8
92	21.2	17.4 26.0

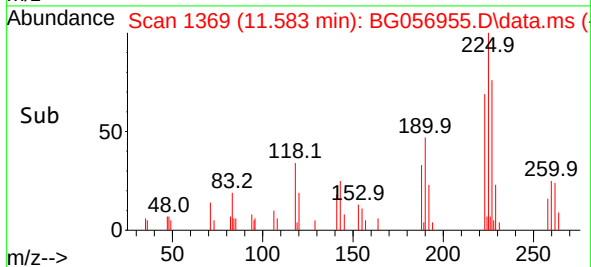
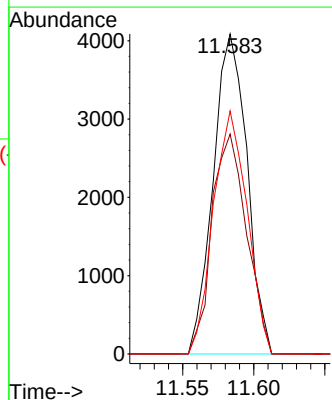
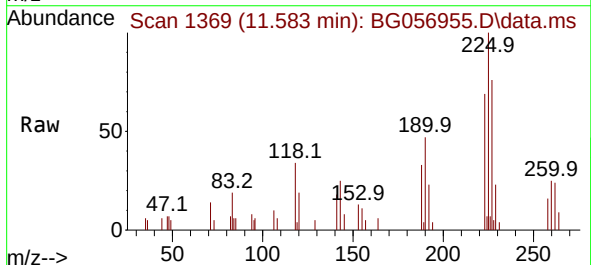
Manual Integrations
APPROVED

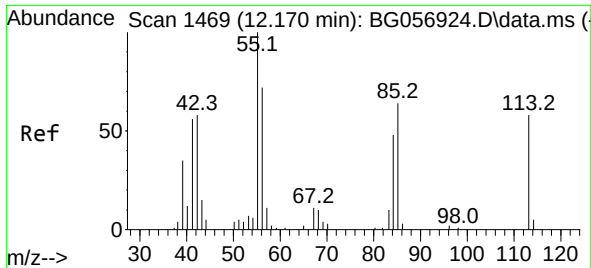
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#34
Hexachlorobutadiene
Concen: 6.296 ng
RT: 11.583 min Scan# 1369
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

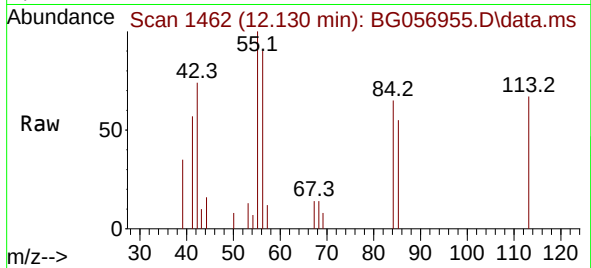
Tgt Ion:225	Resp:	6757
Ion Ratio	Lower	Upper
225	100	
223	68.7	46.4 69.6
227	75.9	48.0 72.0#





#35
Caprolactam
Concen: 6.146 ng
RT: 12.130 min Scan# 1462
Delta R.T. -0.040 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

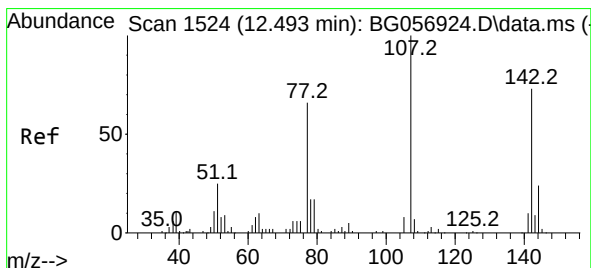
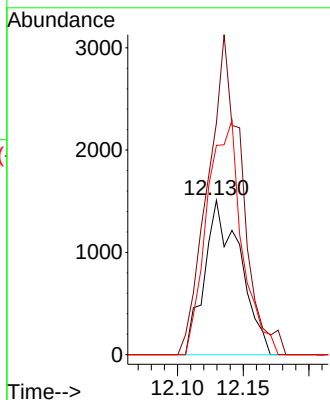
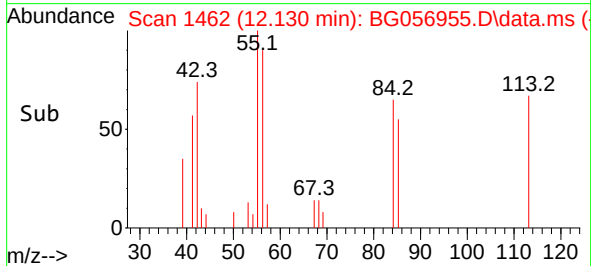
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:113 Resp: 2850
Ion Ratio Lower Upper
113 100
55 150.2 151.6 191.6
56 135.5 103.7 143.7

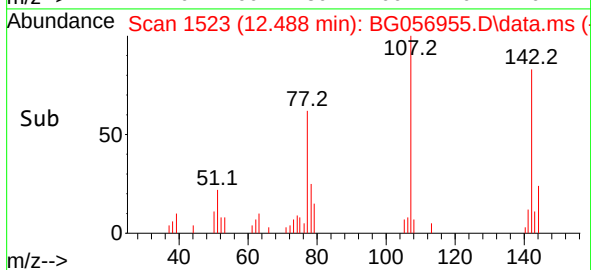
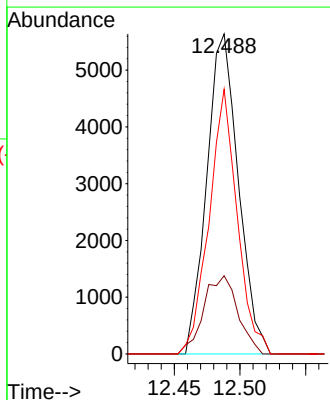
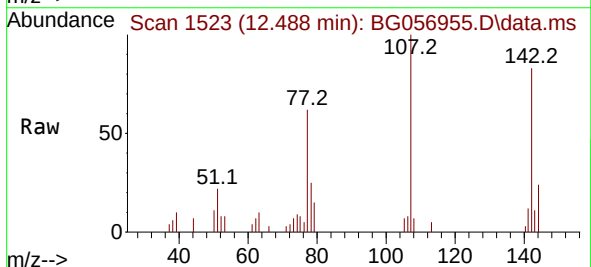
Manual Integrations
APPROVED

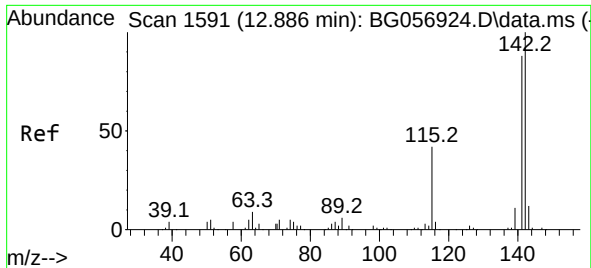
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#36
4-Chloro-3-methylphenol
Concen: 6.283 ng
RT: 12.488 min Scan# 1523
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion:107 Resp: 9447
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.4
142 82.7 58.6 88.0





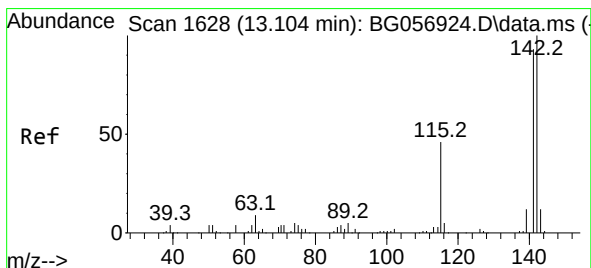
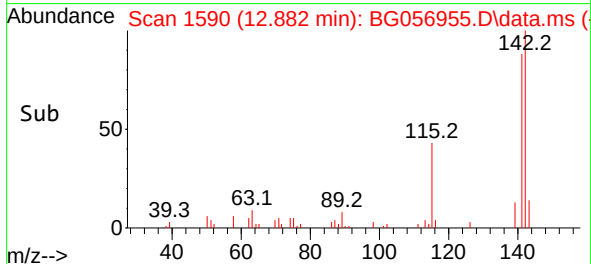
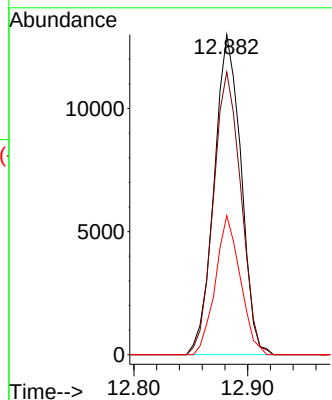
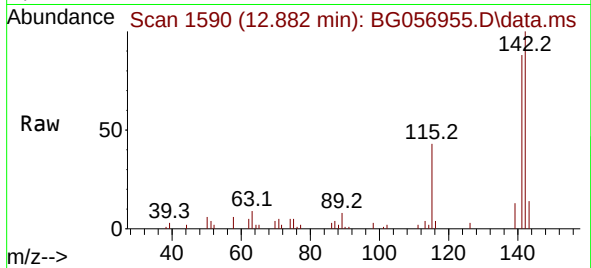
#37
2-Methylnaphthalene
Concen: 6.712 ng
RT: 12.882 min Scan# 1591
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023

Tgt Ion:142 Resp: 21319
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 43.5 33.5 50.3

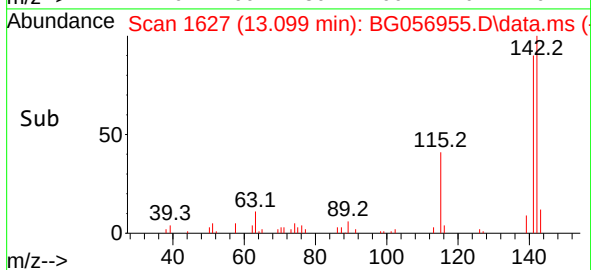
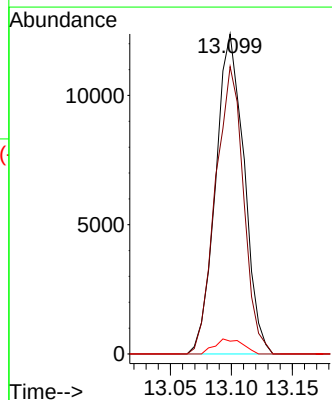
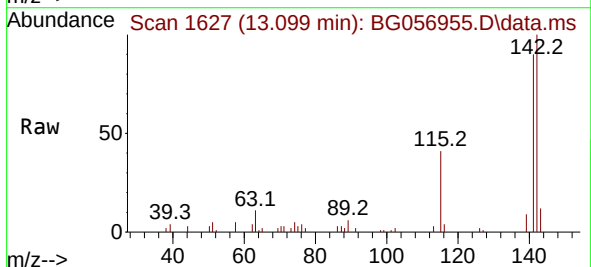
Manual Integrations
APPROVED

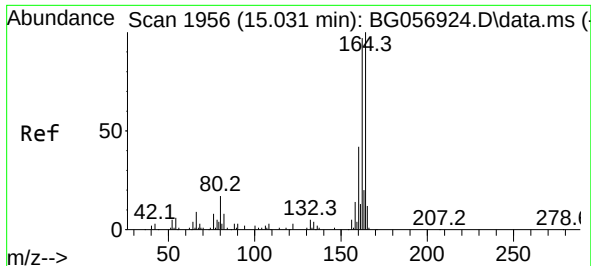
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#38
1-Methylnaphthalene
Concen: 6.733 ng
RT: 13.099 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

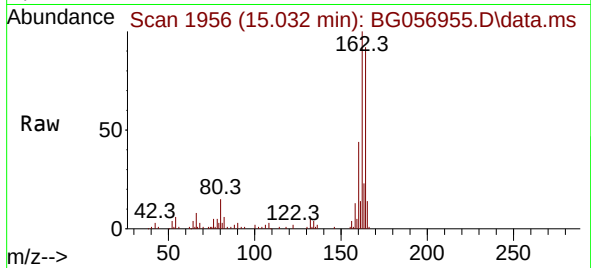
Tgt Ion:142 Resp: 20079
Ion Ratio Lower Upper
142 100
141 89.8 74.0 111.0
116 4.0 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.032 min Scan# 1956
Delta R.T. 0.001 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

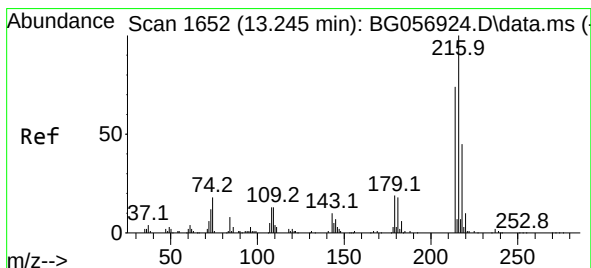
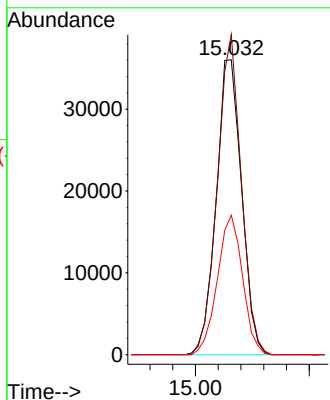
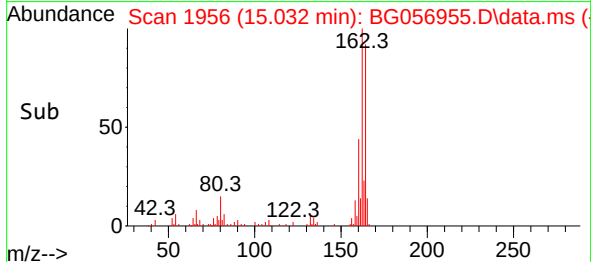
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



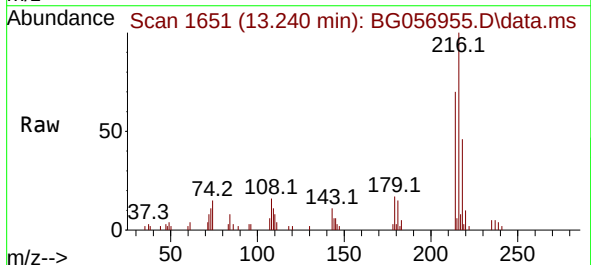
Tgt Ion:164 Resp: 55930
Ion Ratio Lower Upper
164 100
162 108.5 77.8 116.8
160 47.3 33.5 50.3

Manual Integrations
APPROVED

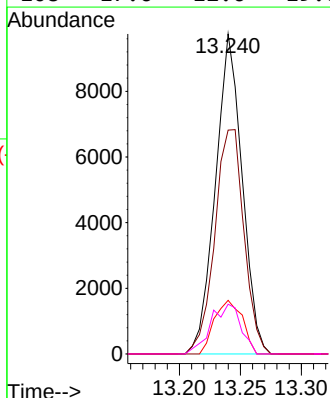
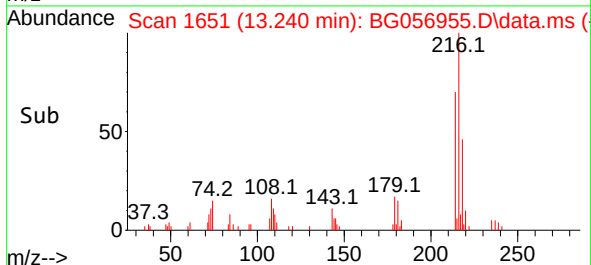
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

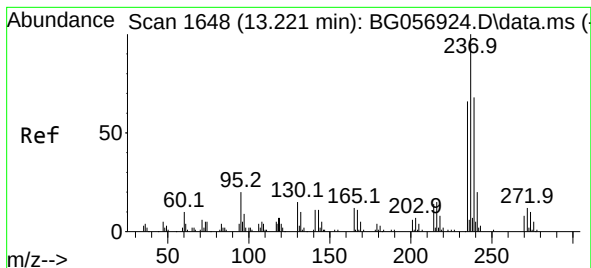


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.645 ng
RT: 13.240 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



Tgt Ion:216 Resp: 14827
Ion Ratio Lower Upper
216 100
214 76.7 63.3 94.9
179 17.5 15.0 22.6
108 17.6 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 7.164 ng

RT: 13.222 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056955.D

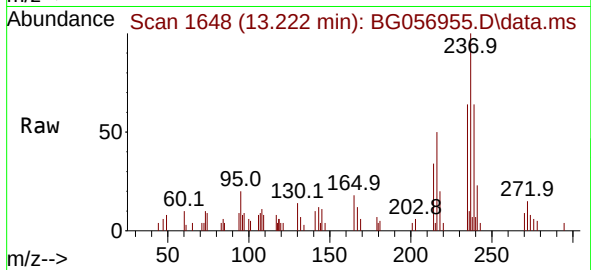
Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

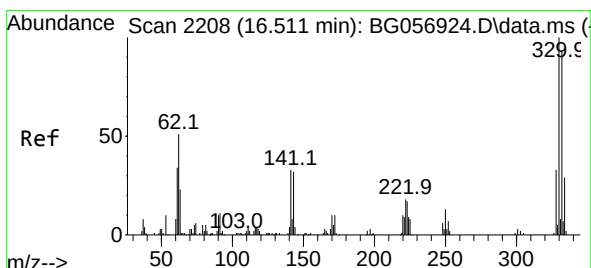
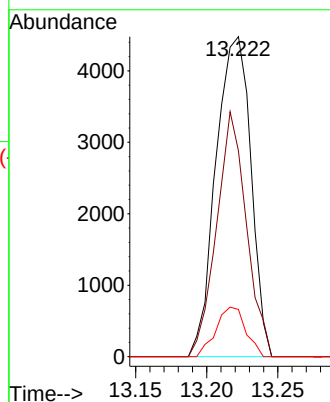
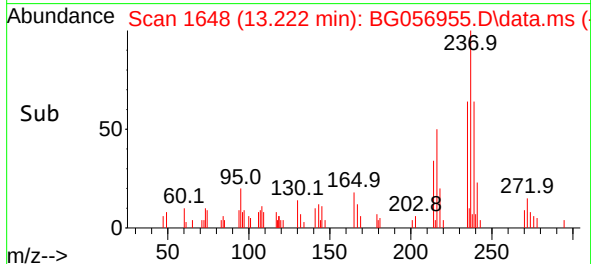


Tgt Ion:	237	Resp:	7650
Ion Ratio	Lower	Upper	
237	100		
235	64.3	45.9	85.9
272	14.7	0.0	32.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#42

2,4,6-Tribromophenol

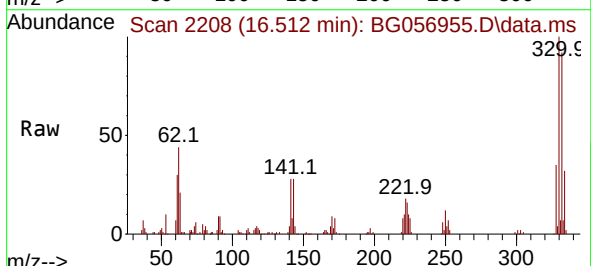
Concen: 107.173 ng

RT: 16.512 min Scan# 2208

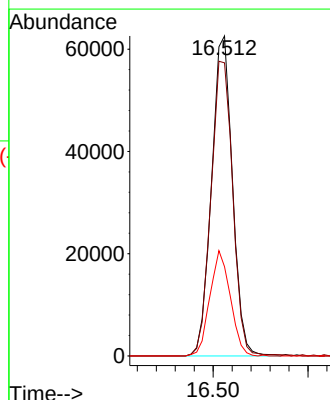
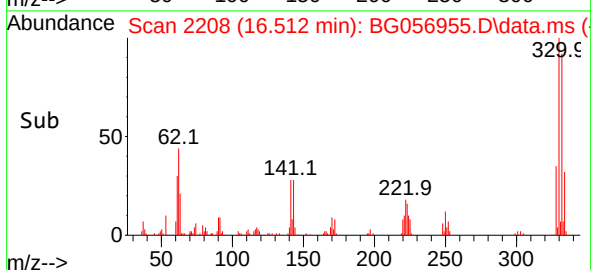
Delta R.T. 0.001 min

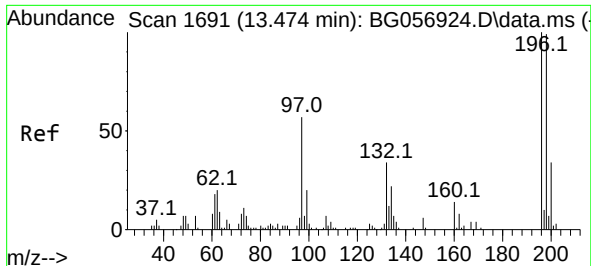
Lab File: BG056955.D

Acq: 3 Apr 2023 13:08



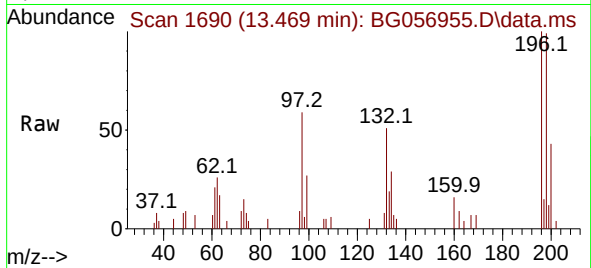
Tgt Ion:	330	Resp:	95759
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.1	114.1
141	32.2	25.8	38.6





#43
2,4,6-Trichlorophenol
Concen: 6.612 ng m
RT: 13.469 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

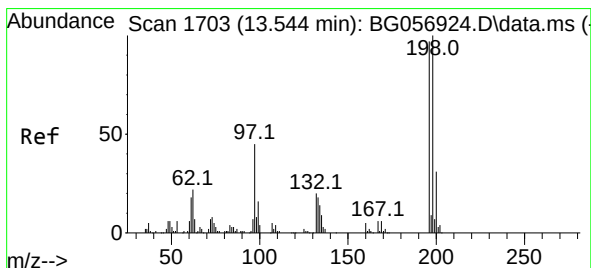
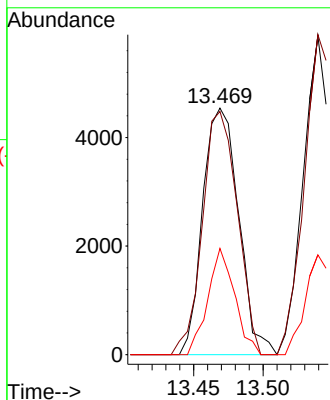
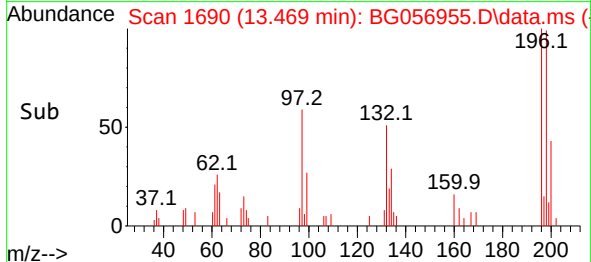
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:196 Resp: 818
Ion Ratio Lower Upper
196 100
198 98.6 79.1 118.7
200 43.1 27.2 40.8

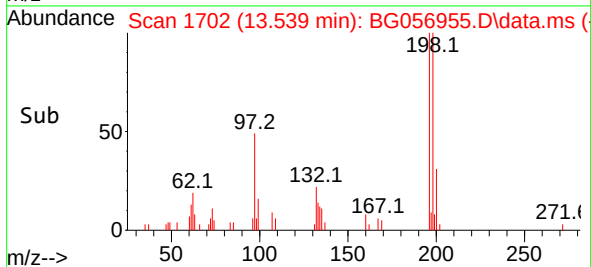
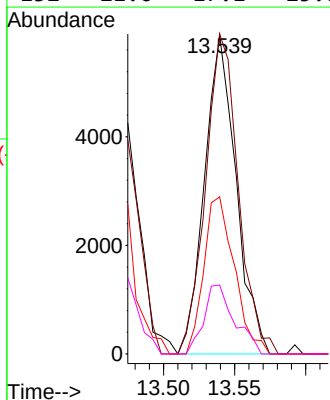
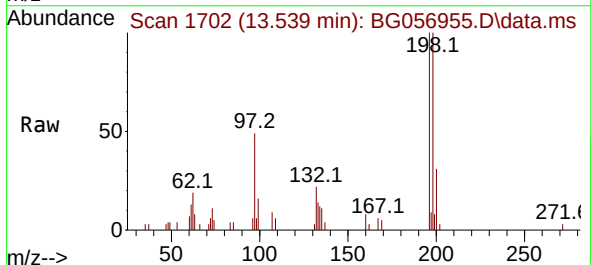
Manual Integrations
APPROVED

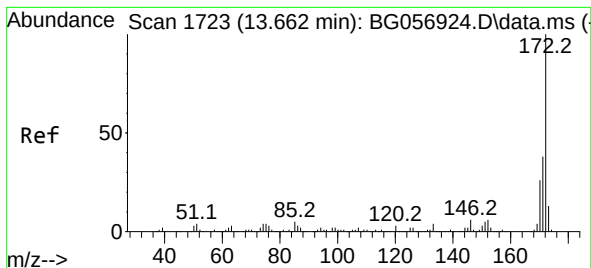
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#44
2,4,5-Trichlorophenol
Concen: 6.180 ng
RT: 13.539 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

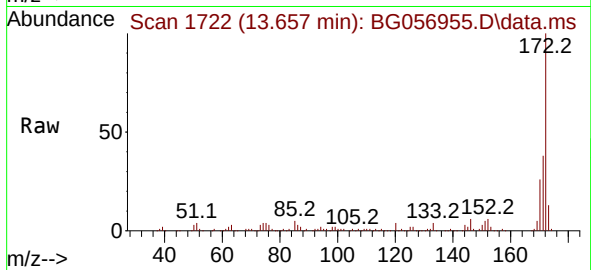
Tgt Ion:196 Resp: 9061
Ion Ratio Lower Upper
196 100
198 100.4 82.5 123.7
97 49.3 37.0 55.6
132 21.6 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 78.265 ng
RT: 13.657 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

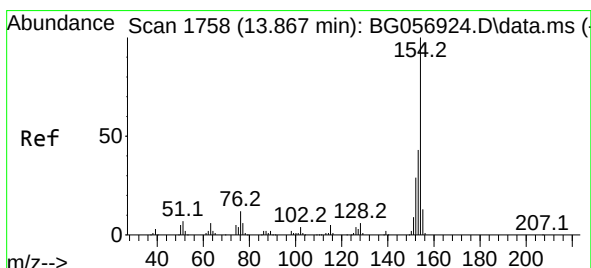
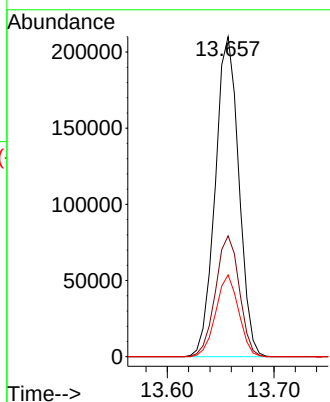
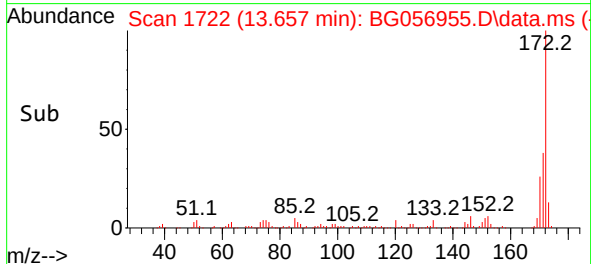
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



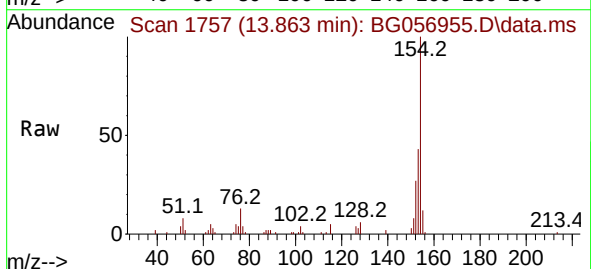
Tgt Ion:172 Resp: 32281
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 25.6 20.6 30.8

Manual Integrations
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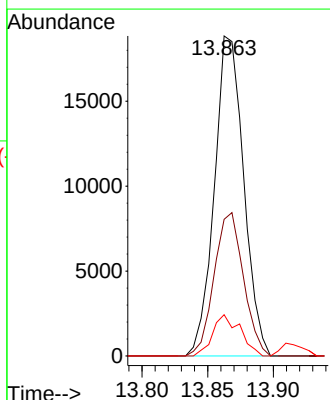
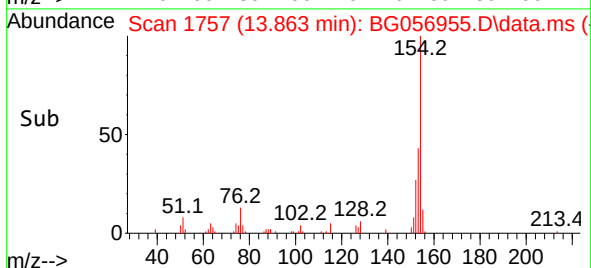
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

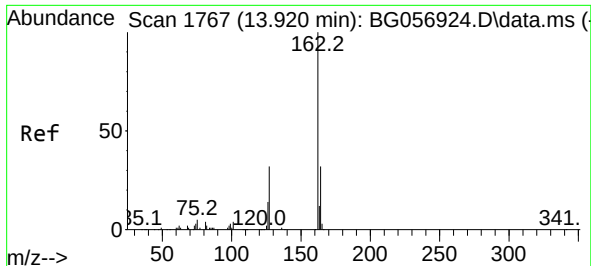


#46
1,1'-Biphenyl
Concen: 7.144 ng
RT: 13.863 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



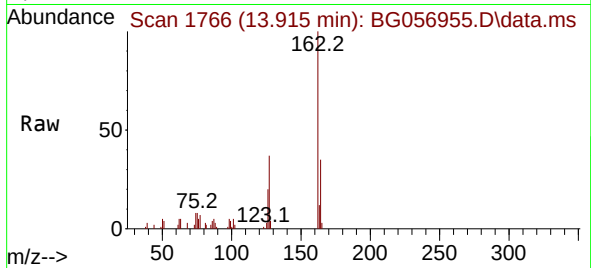
Tgt Ion:154 Resp: 29248
Ion Ratio Lower Upper
154 100
153 42.7 23.4 63.4
76 12.9 0.0 31.6





#47
2-Chloronaphthalene
Concen: 7.616 ng
RT: 13.915 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

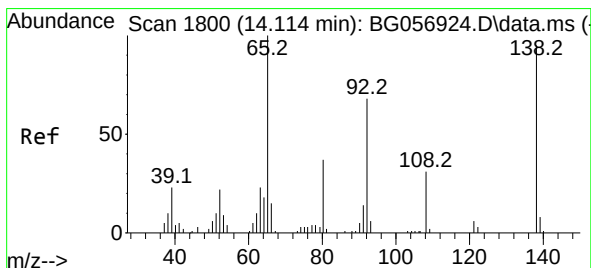
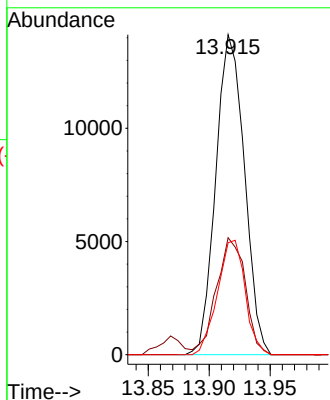
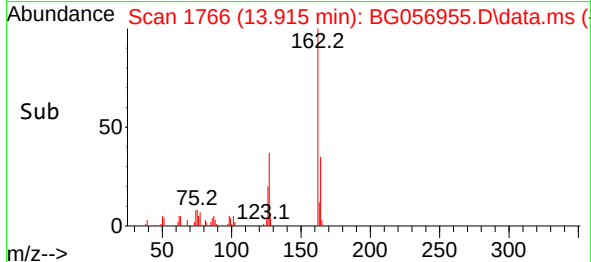
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:162 Resp: 2306
Ion Ratio Lower Upper
162 100
127 36.5 29.5 44.3
164 35.0 25.5 38.3

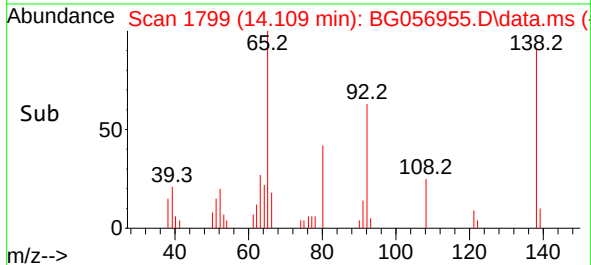
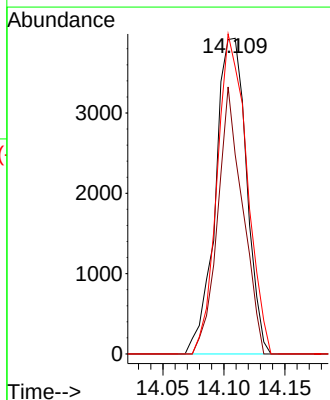
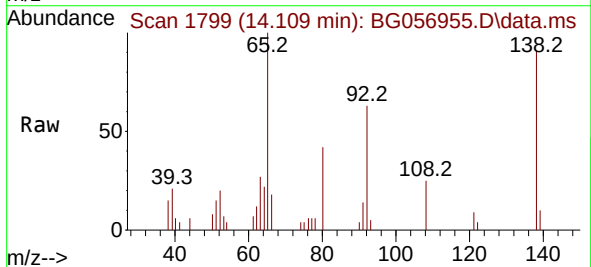
Manual Integrations
APPROVED

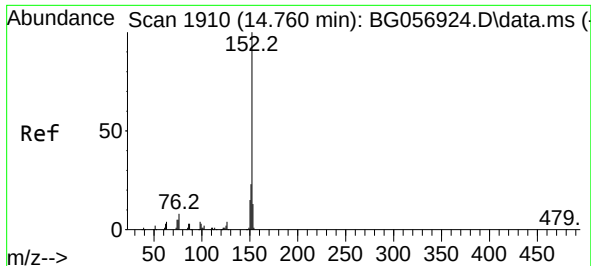
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#48
2-Nitroaniline
Concen: 6.425 ng
RT: 14.109 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

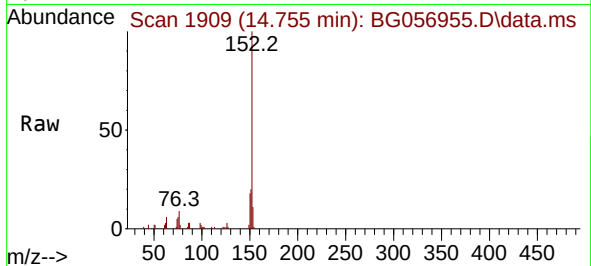
Tgt Ion: 65 Resp: 6957
Ion Ratio Lower Upper
65 100
92 63.2 54.3 81.5
138 90.9 76.0 114.0





#49
Acenaphthylene
Concen: 7.194 ng
RT: 14.755 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

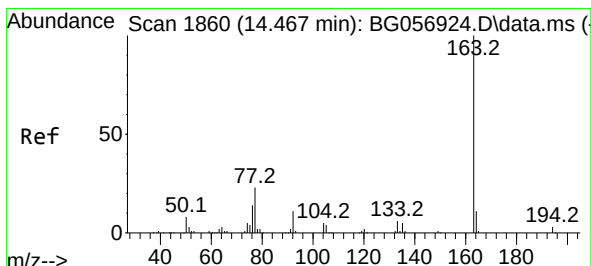
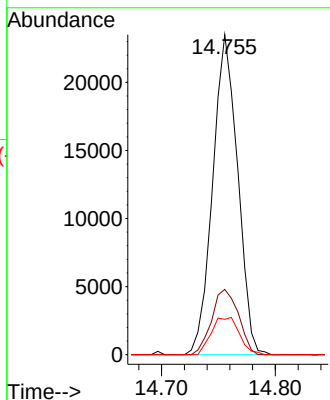
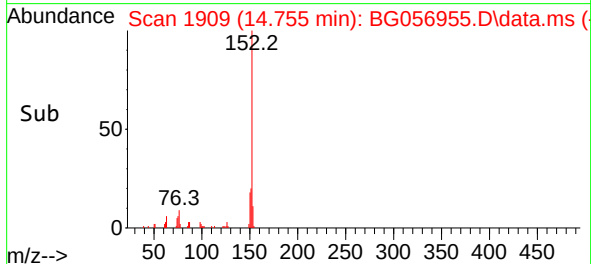
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:152 Resp: 35790
Ion Ratio Lower Upper
152 100
151 20.4 18.2 27.2
153 11.1 10.5 15.7

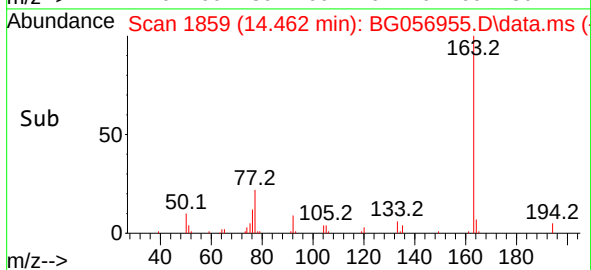
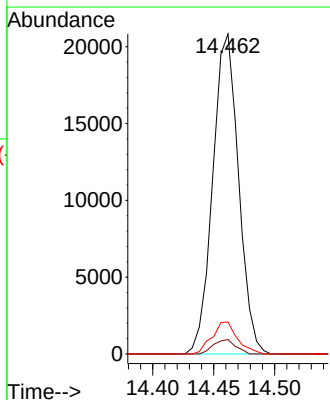
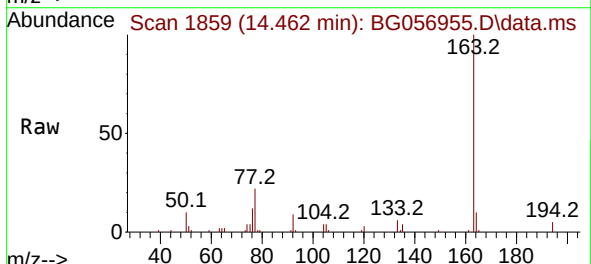
Manual Integrations
APPROVED

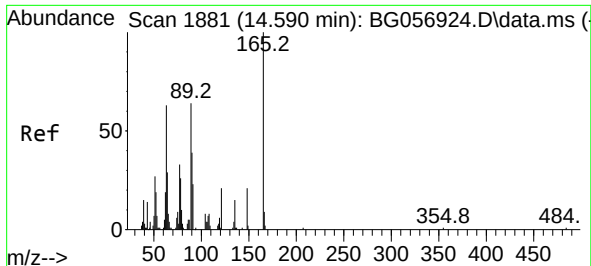
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#50
Dimethylphthalate
Concen: 6.971 ng
RT: 14.462 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

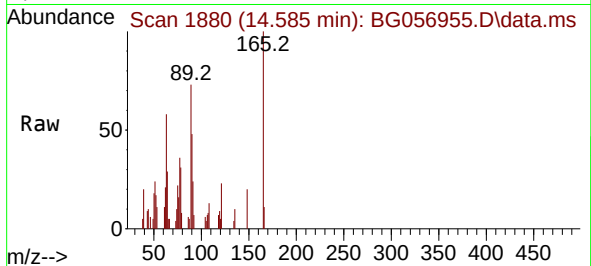
Tgt Ion:163 Resp: 30719
Ion Ratio Lower Upper
163 100
194 4.5 2.8 4.2#
164 10.0 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 6.682 ng
RT: 14.585 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

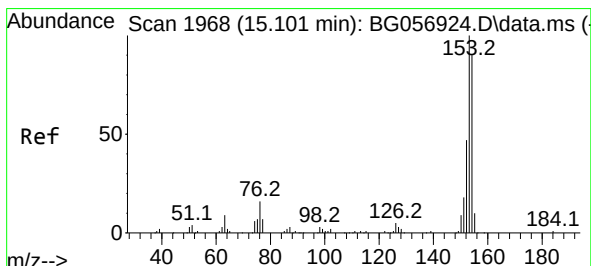
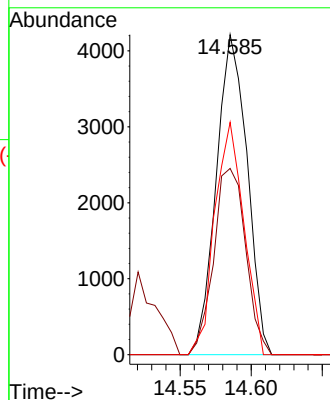
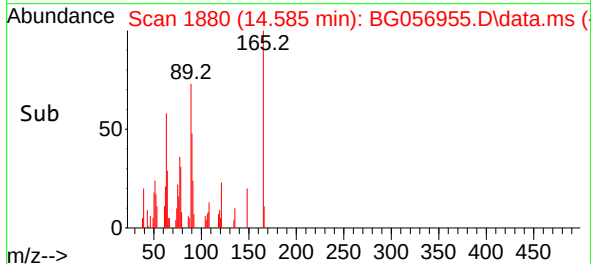
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 6362
Ion Ratio Lower Upper
165 100
63 58.2 53.0 79.6
89 72.6 51.0 76.4

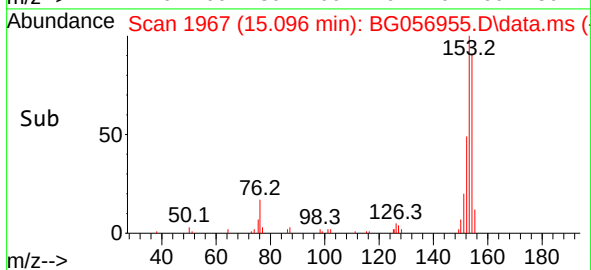
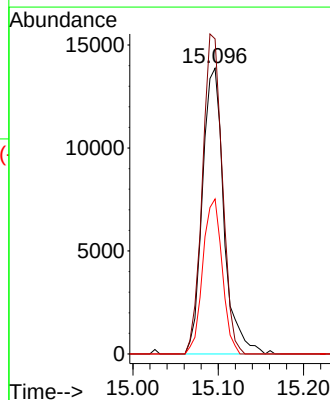
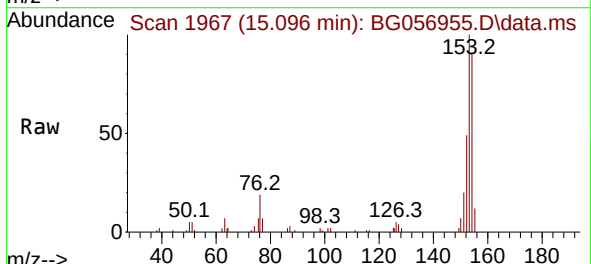
Manual Integrations
APPROVED

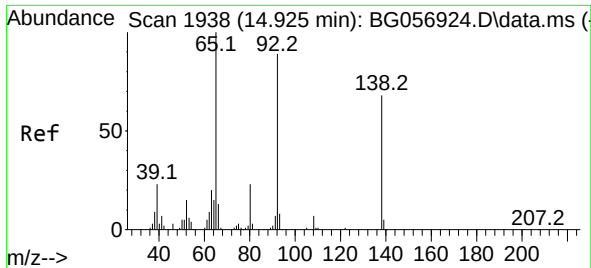
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#52
Acenaphthene
Concen: 7.070 ng
RT: 15.096 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

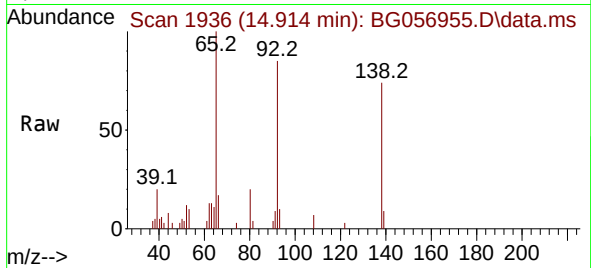
Tgt Ion:154 Resp: 24258
Ion Ratio Lower Upper
154 100
153 110.2 88.9 133.3
152 54.3 41.8 62.8





#53
3-Nitroaniline
Concen: 7.348 ng
RT: 14.914 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

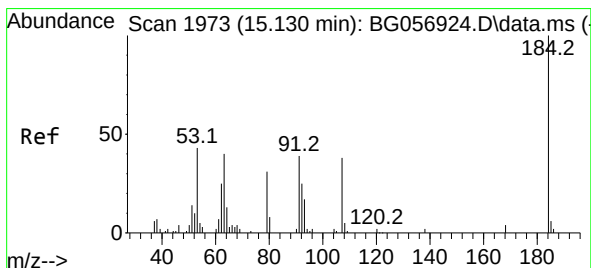
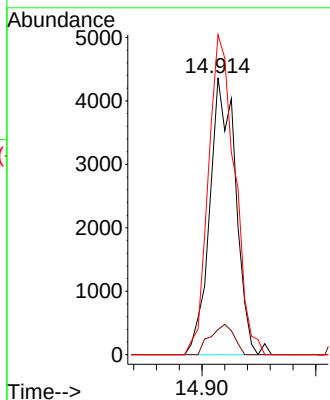
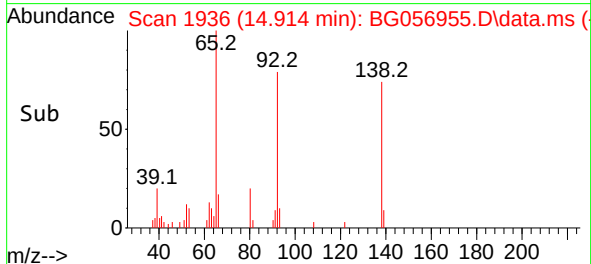
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:138 Resp: 6925
Ion Ratio Lower Upper
138 100
108 9.1 8.2 12.2
92 115.5 105.2 157.8

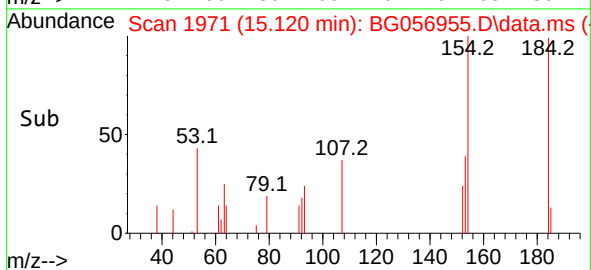
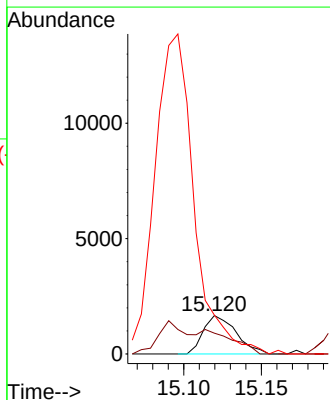
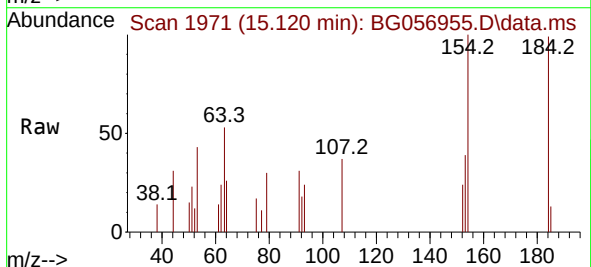
Manual Integrations
APPROVED

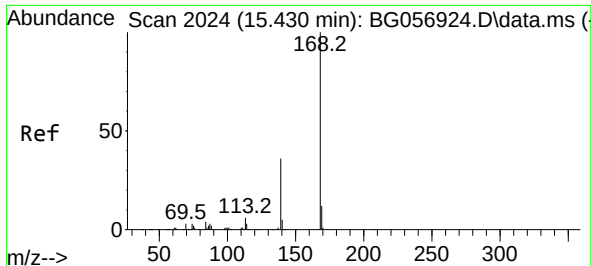
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#54
2,4-Dinitrophenol
Concen: 4.555 ng
RT: 15.120 min Scan# 1971
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

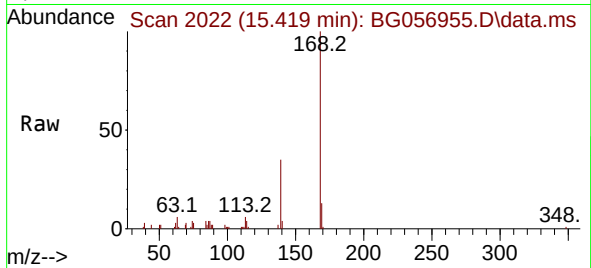
Tgt Ion:184 Resp: 2441
Ion Ratio Lower Upper
184 100
63 54.2 46.5 69.7
154 101.4 53.5 80.3#





#55
Dibenzenofuran
Concen: 7.519 ng
RT: 15.419 min Scan# 2022
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

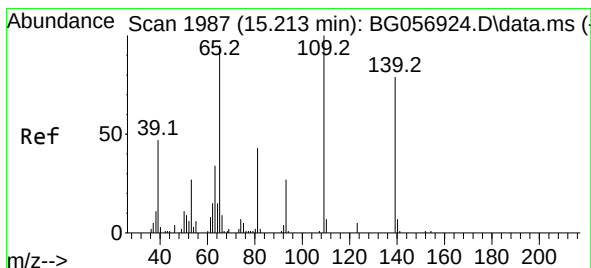
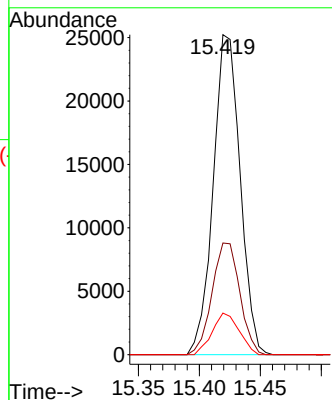
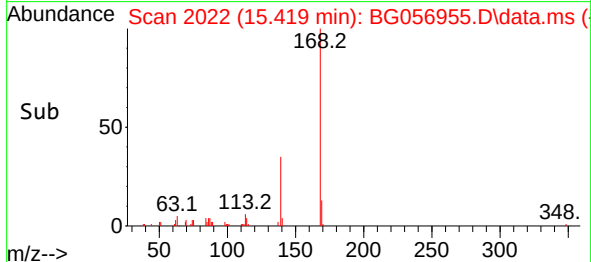
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:168 Resp: 38724
Ion Ratio Lower Upper
168 100
139 34.9 28.9 43.3
169 13.0 9.8 14.6

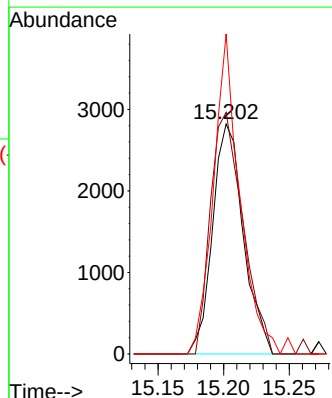
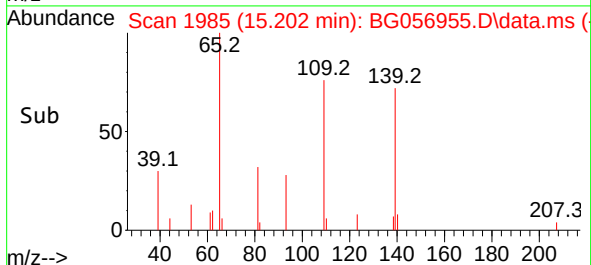
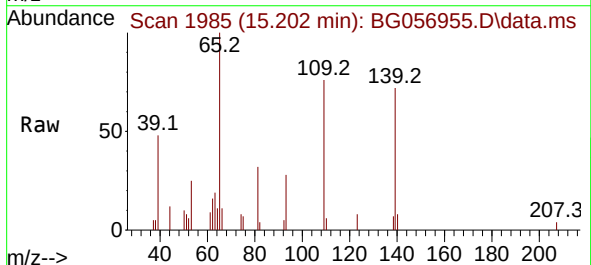
Manual Integrations
APPROVED

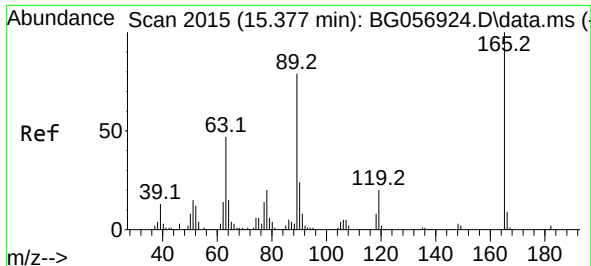
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#56
4-Nitrophenol
Concen: 6.601 ng
RT: 15.202 min Scan# 1985
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion:139 Resp: 4600
Ion Ratio Lower Upper
139 100
109 105.1 106.7 146.7#
65 139.2 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 6.703 ng

RT: 15.366 min Scan# 2015

Delta R.T. -0.011 min

Lab File: BG056955.D

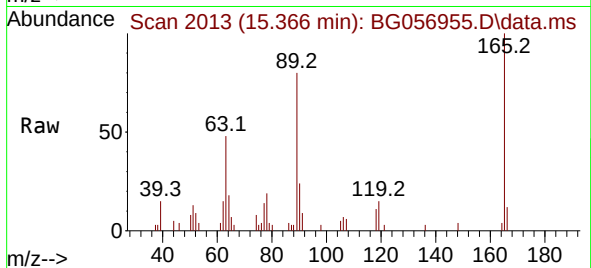
Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

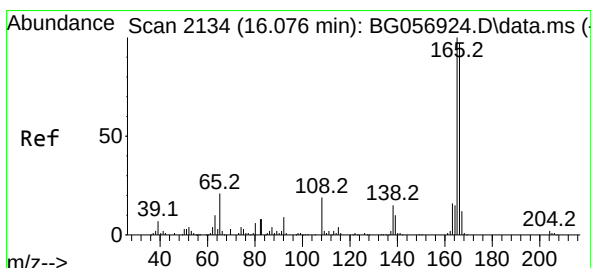
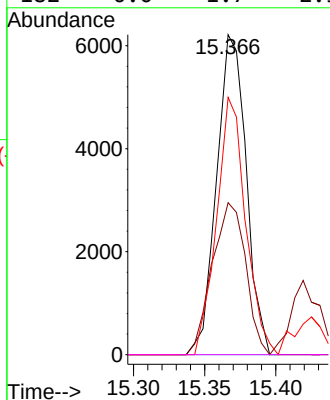
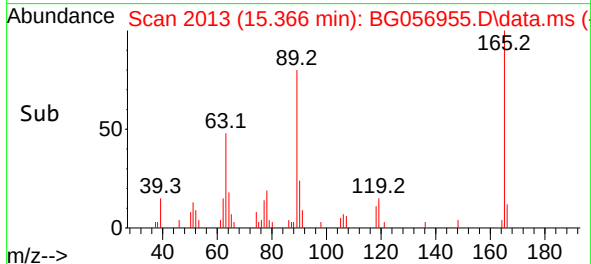


Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.5	37.7	56.5
89	80.4	63.2	94.8
182	0.0	1.7	2.5#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#58

Fluorene

Concen: 7.227 ng

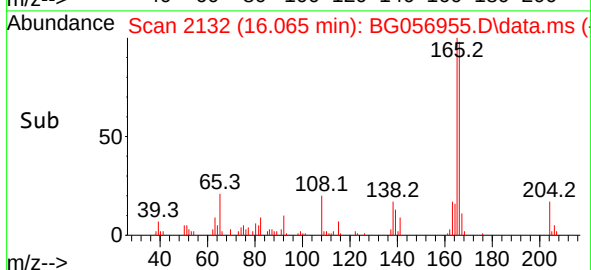
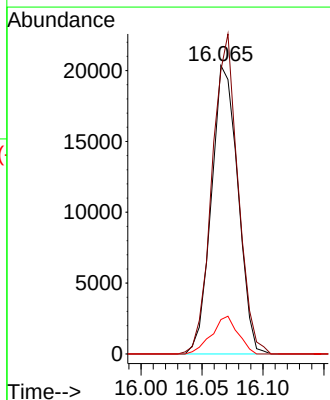
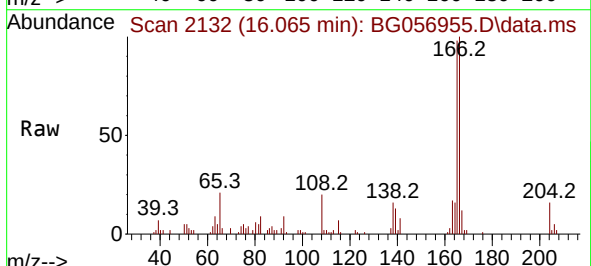
RT: 16.065 min Scan# 2132

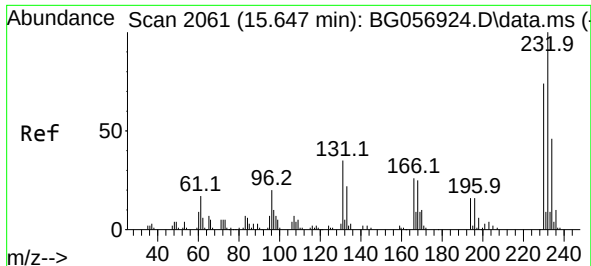
Delta R.T. -0.011 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

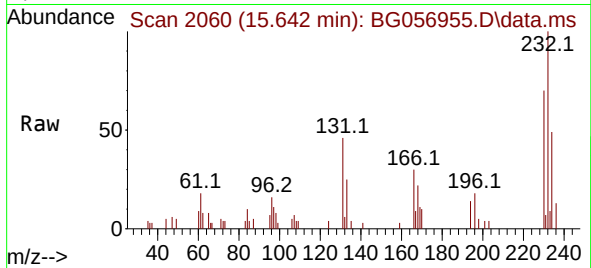
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	82.6	123.8
167	11.9	10.2	15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.947 ng
RT: 15.642 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

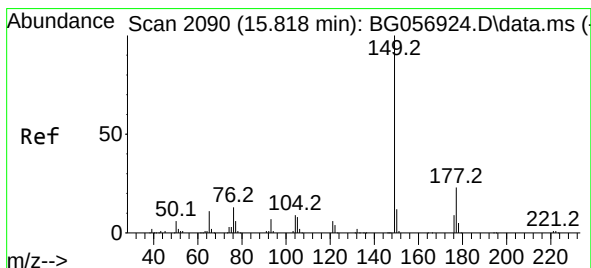
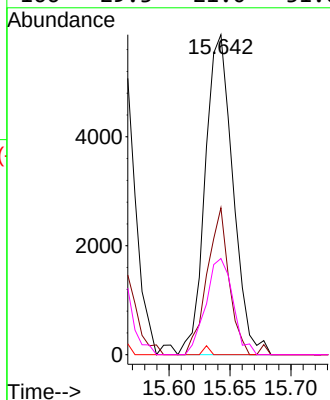
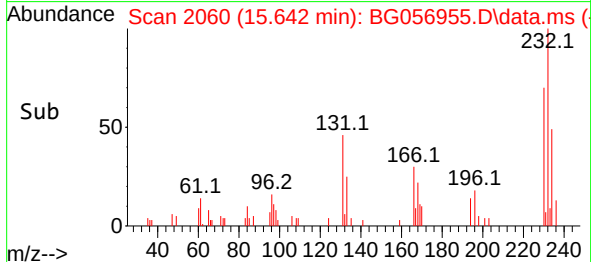
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



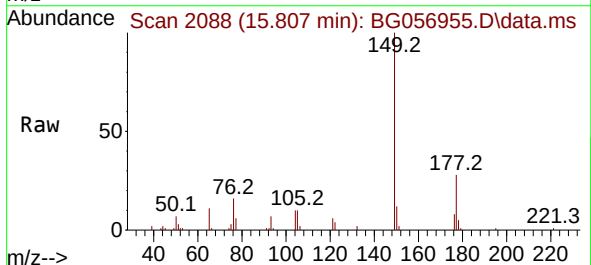
Tgt Ion:232 Resp: 9274
Ion Ratio Lower Upper
232 100
131 36.3 29.3 43.9
130 0.6 1.7 2.5
166 29.3 21.0 31.6

Manual Integrations
APPROVED

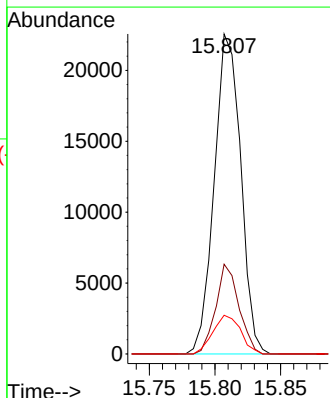
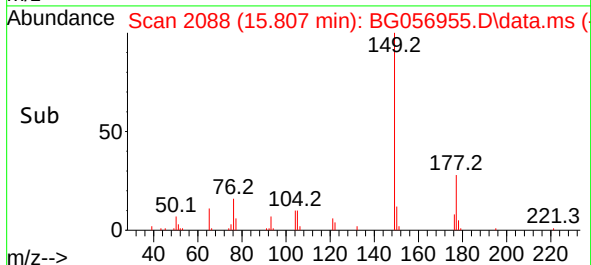
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

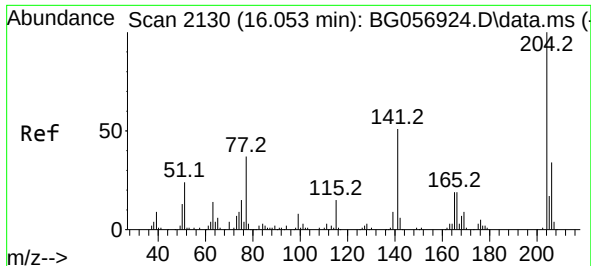


#60
Diethylphthalate
Concen: 7.146 ng
RT: 15.807 min Scan# 2088
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



Tgt Ion:149 Resp: 31571
Ion Ratio Lower Upper
149 100
177 28.1 18.8 28.2
150 12.1 9.4 14.2





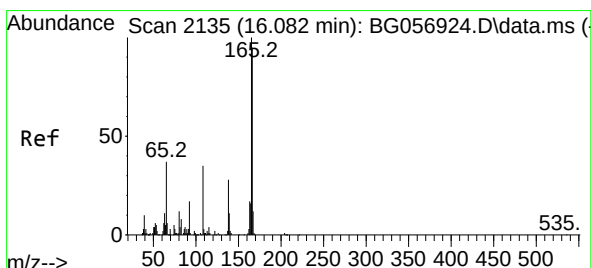
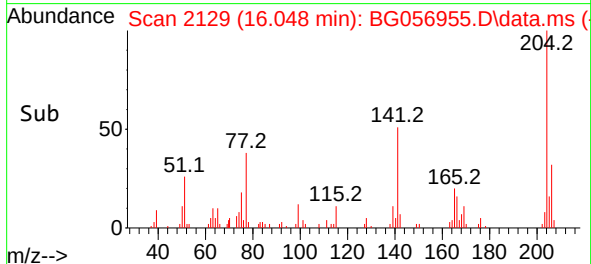
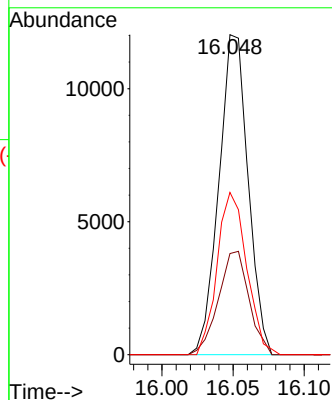
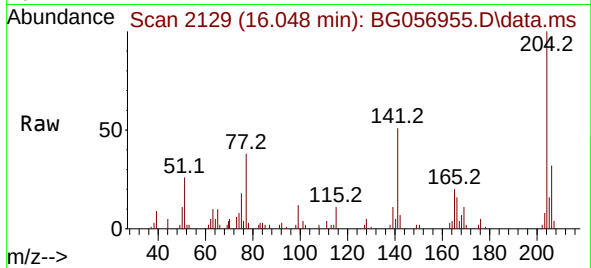
#61
4-Chlorophenyl-phenylether
Concen: 6.869 ng
RT: 16.048 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:204 Resp: 1718
Ion Ratio Lower Upper
204 100
206 31.6 27.2 40.8
141 50.7 40.7 61.1

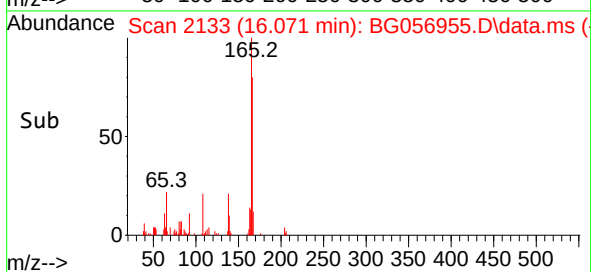
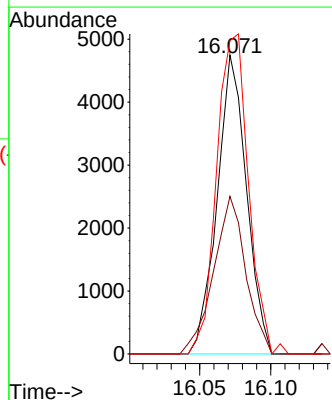
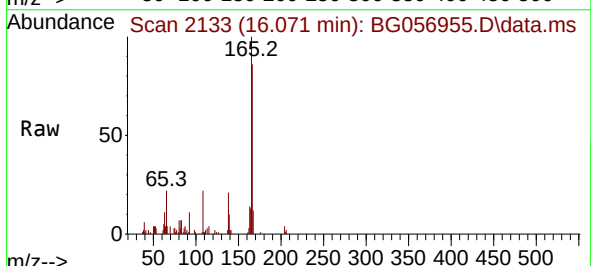
Manual Integrations
APPROVED

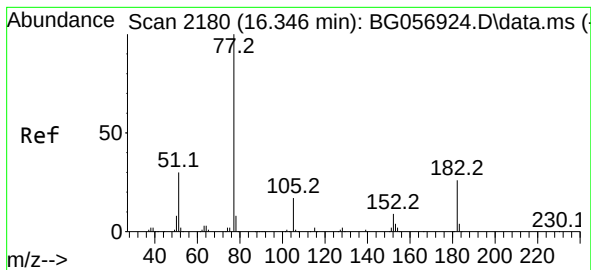
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#62
4-Nitroaniline
Concen: 6.988 ng
RT: 16.071 min Scan# 2133
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion:138 Resp: 6823
Ion Ratio Lower Upper
138 100
92 52.7 40.9 80.9
108 104.9 104.3 144.3





#63

Azobenzene

Concen: 7.018 ng

RT: 16.342 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BG056955.D

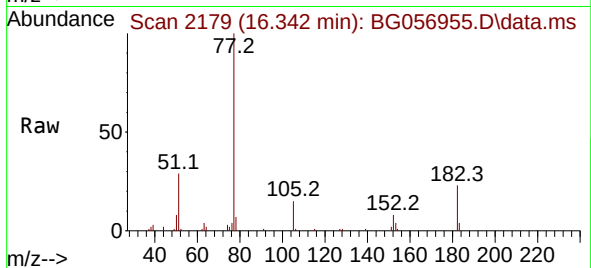
Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion: 77 Resp: 3089

Ion Ratio Lower Upper

77 100

182 23.1 5.9 45.9

105 14.9 0.0 36.8

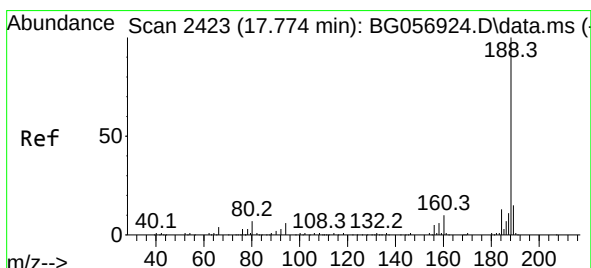
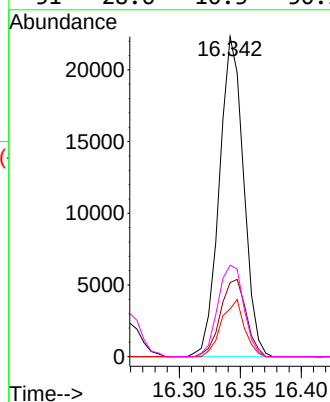
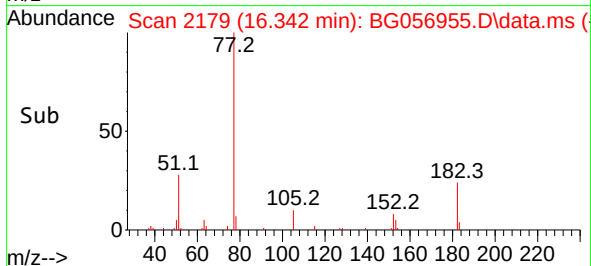
51 28.6 10.3 50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.769 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

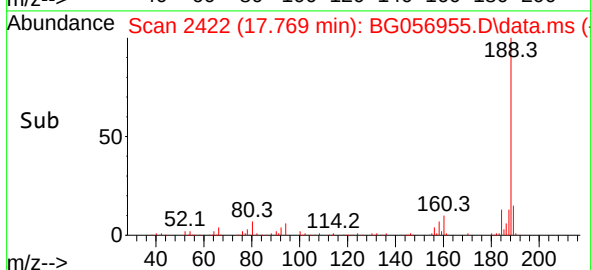
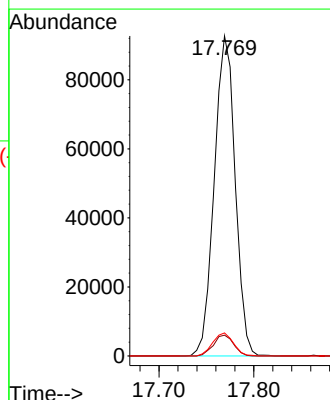
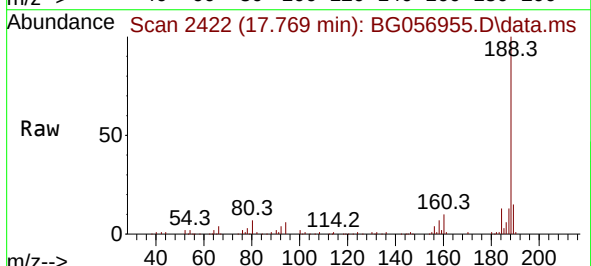
Tgt Ion:188 Resp: 142072

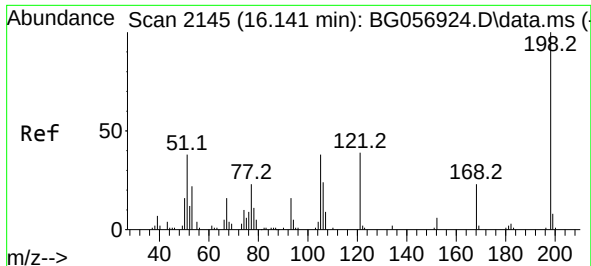
Ion Ratio Lower Upper

188 100

94 6.5 4.6 6.8

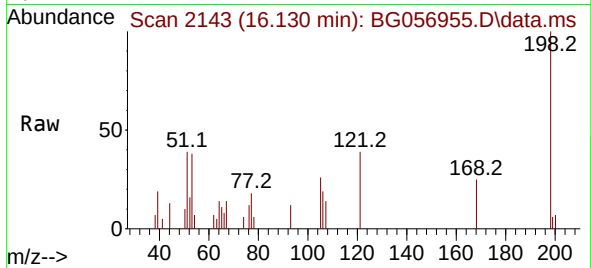
80 7.2 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 6.088 ng
RT: 16.130 min Scan# 2143
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

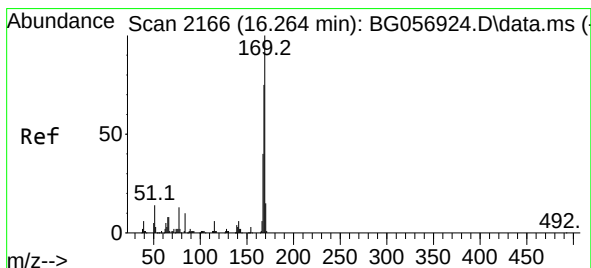
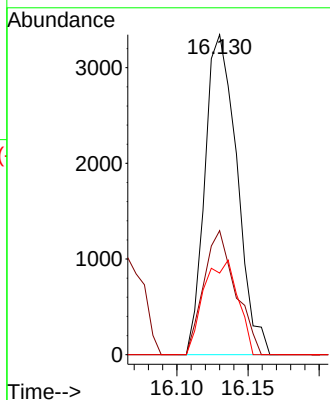
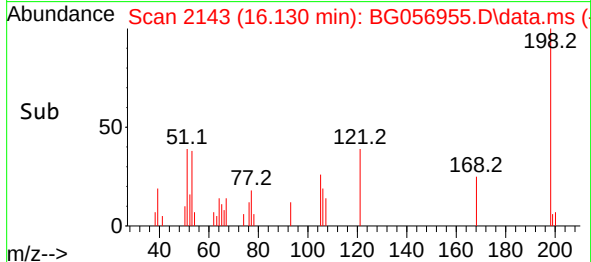
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:198 Resp: 5238
Ion Ratio Lower Upper
198 100
51 38.8 20.5 60.5
105 25.5 18.1 58.1

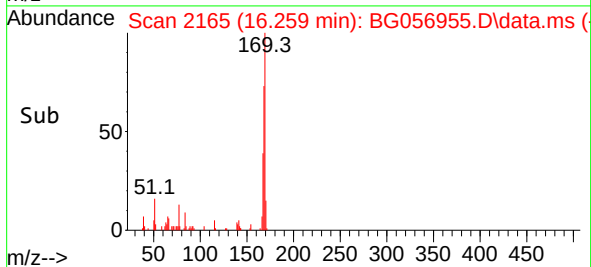
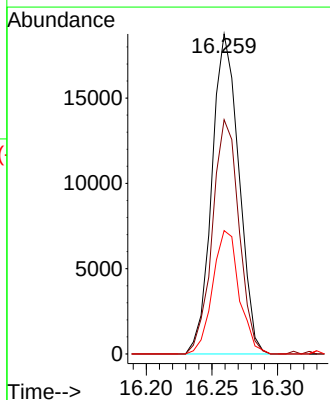
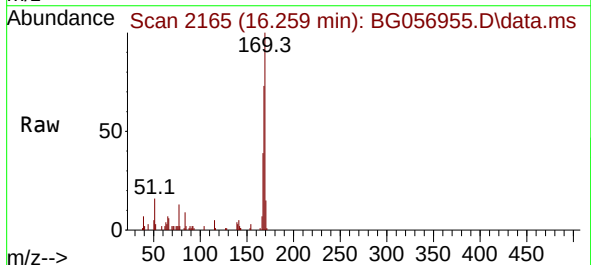
Manual Integrations
APPROVED

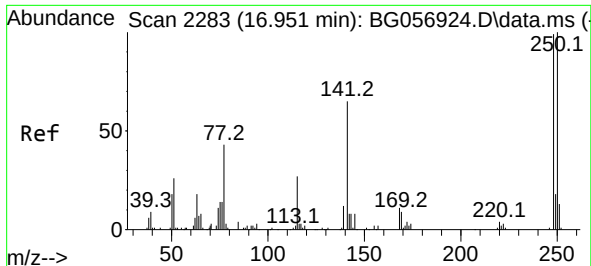
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#66
n-Nitrosodiphenylamine
Concen: 7.030 ng
RT: 16.259 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

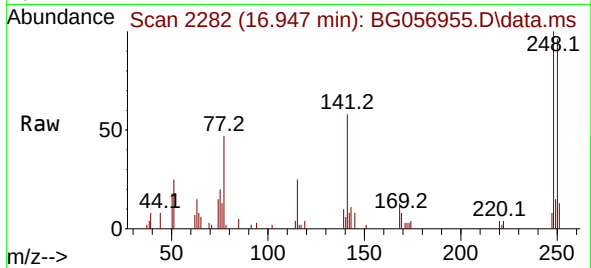
Tgt Ion:169 Resp: 26810
Ion Ratio Lower Upper
169 100
168 73.2 59.6 89.4
167 38.5 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 6.755 ng
RT: 16.947 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

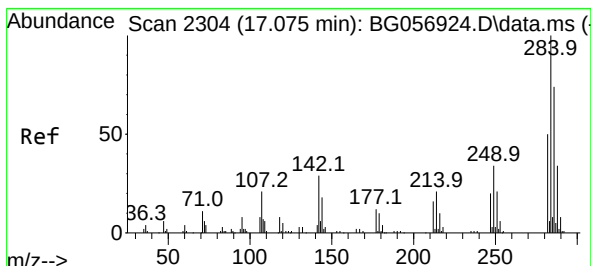
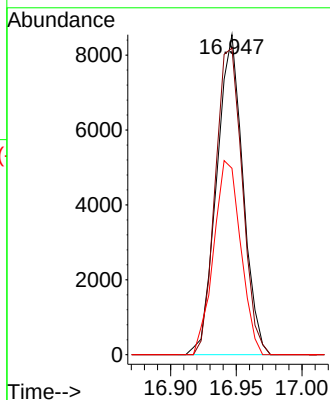
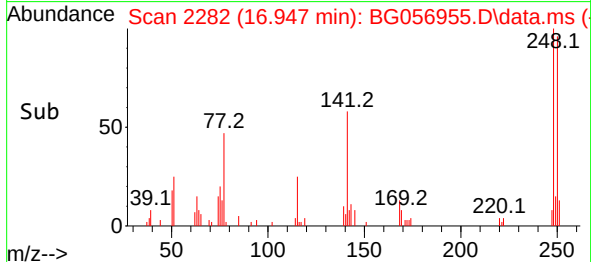
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



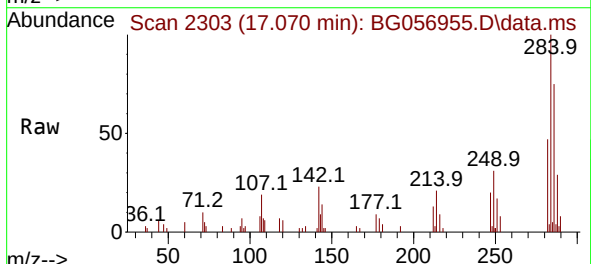
Tgt Ion:248 Resp: 11874
Ion Ratio Lower Upper
248 100
250 95.8 80.5 120.7
141 58.3 52.0 78.0

Manual Integrations
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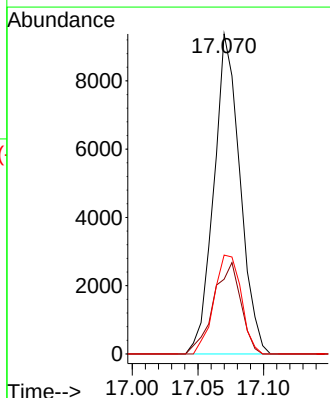
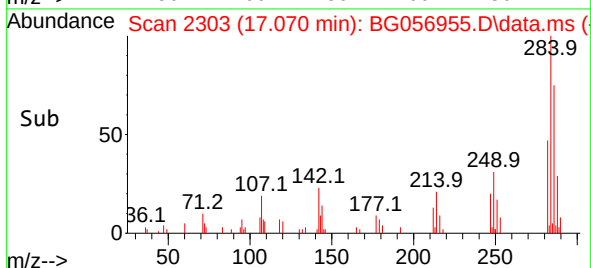
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

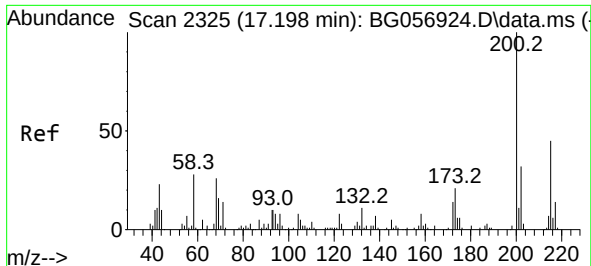


#68
Hexachlorobenzene
Concen: 7.469 ng
RT: 17.070 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



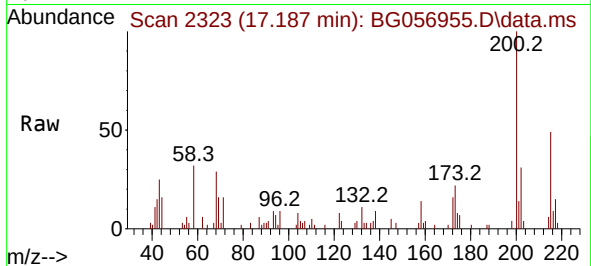
Tgt Ion:284 Resp: 12981
Ion Ratio Lower Upper
284 100
142 23.3 23.0 34.4
249 30.9 27.1 40.7





#69
 Atrazine
 Concen: 7.600 ng
 RT: 17.187 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

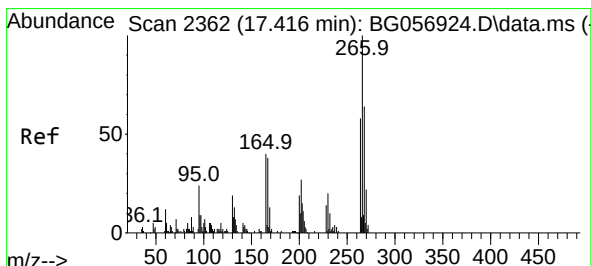
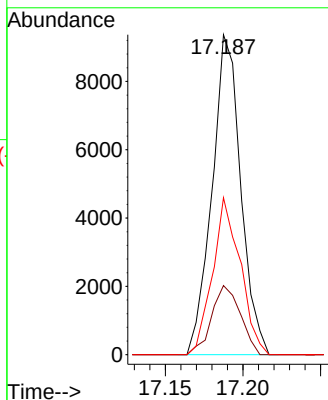
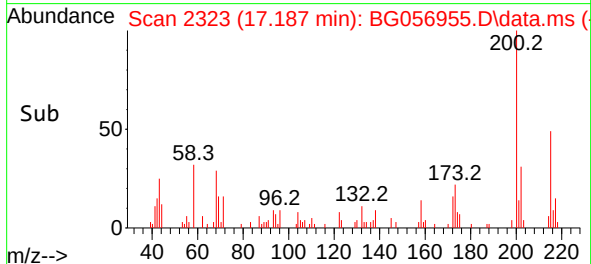
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:200 Resp: 1203
 Ion Ratio Lower Upper
 200 100
 173 21.6 1.0 41.0
 215 49.1 25.0 65.0

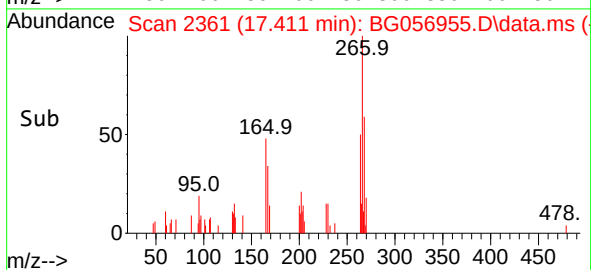
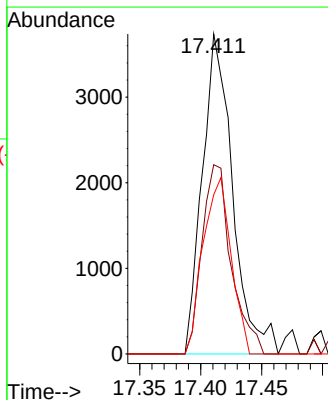
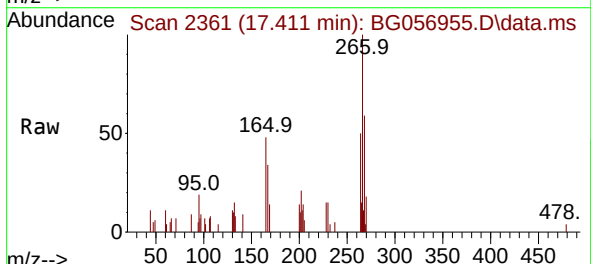
Manual Integrations
 APPROVED

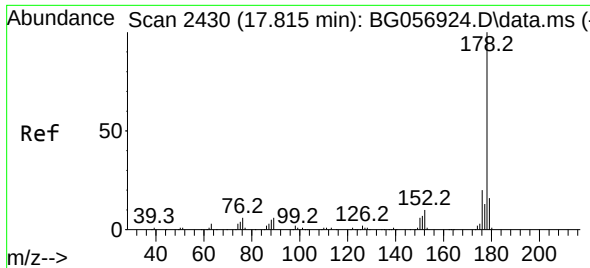
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#70
 Pentachlorophenol
 Concen: 5.184 ng
 RT: 17.411 min Scan# 2361
 Delta R.T. -0.005 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

Tgt Ion:266 Resp: 6464
 Ion Ratio Lower Upper
 266 100
 268 59.2 51.0 76.6
 264 49.7 46.8 70.2





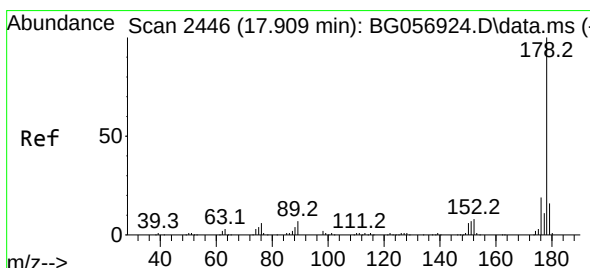
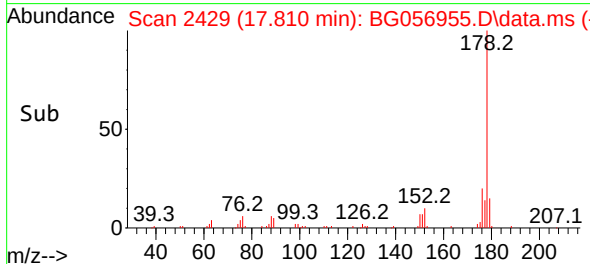
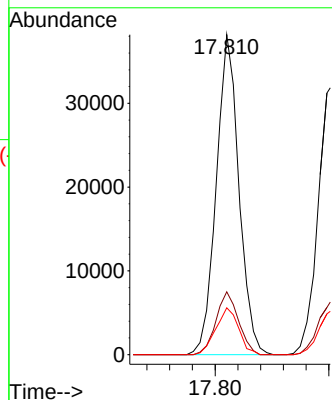
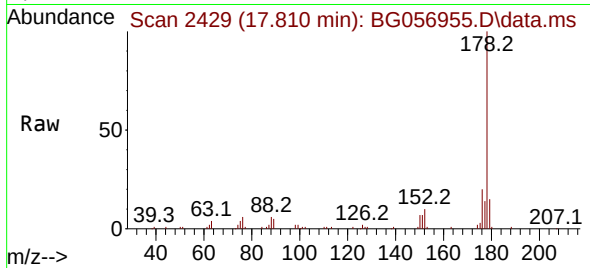
#71
Phenanthrene
Concen: 7.293 ng
RT: 17.810 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:178 Resp: 52830
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 14.7 12.5 18.7

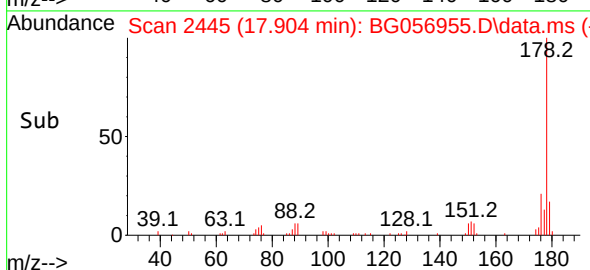
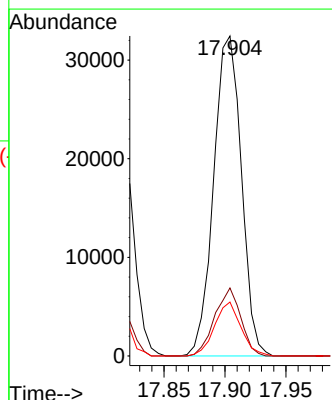
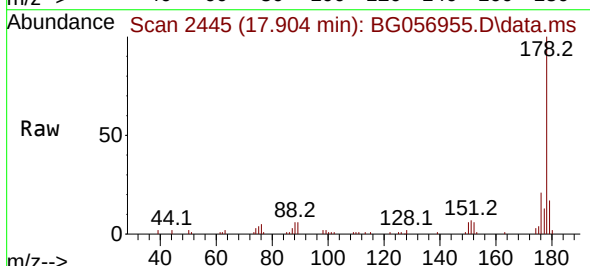
Manual Integrations
APPROVED

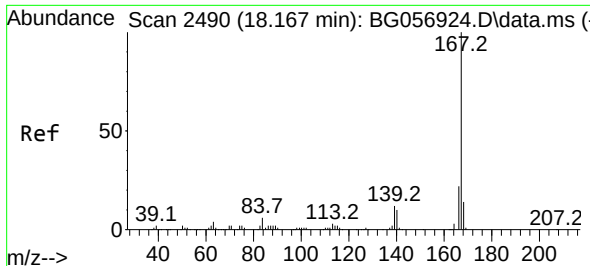
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#72
Anthracene
Concen: 6.911 ng
RT: 17.904 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

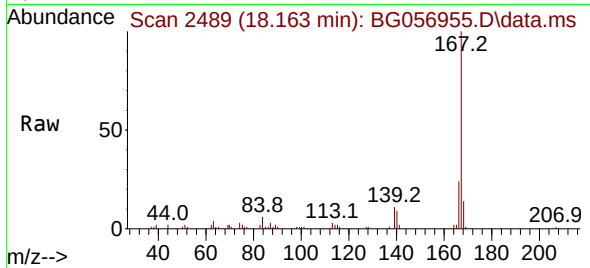
Tgt Ion:178 Resp: 51315
Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.2
179 16.9 12.4 18.6





#73
 Carbazole
 Concen: 7.291 ng
 RT: 18.163 min Scan# 2490
 Delta R.T. -0.005 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

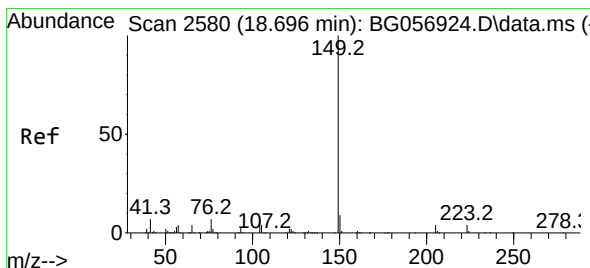
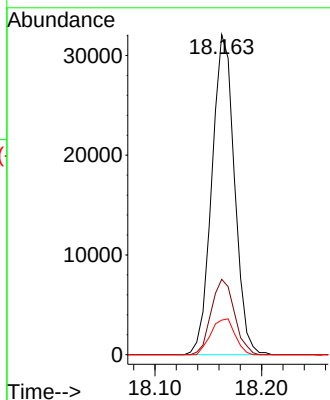
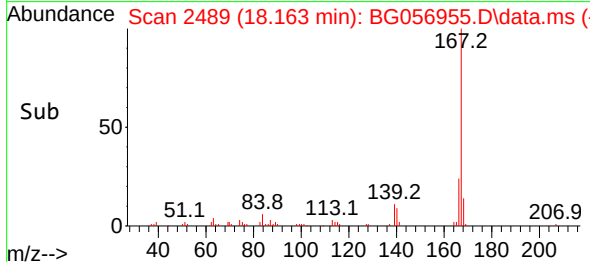
Instrument : BNA_G
 ClientSampleId : MDL-WATER-03-QT1-2023



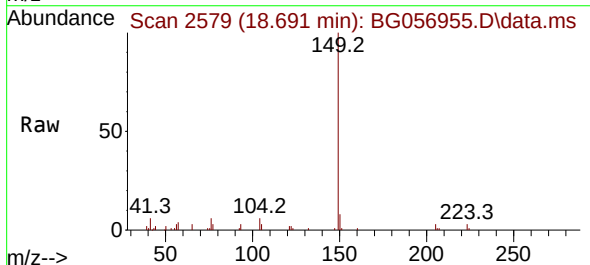
Tgt Ion:167 Resp: 47204
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.9 26.9
 139 10.8 9.5 14.3

Manual Integrations
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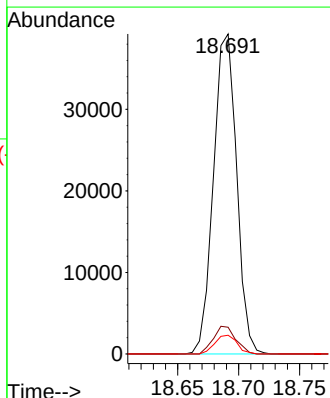
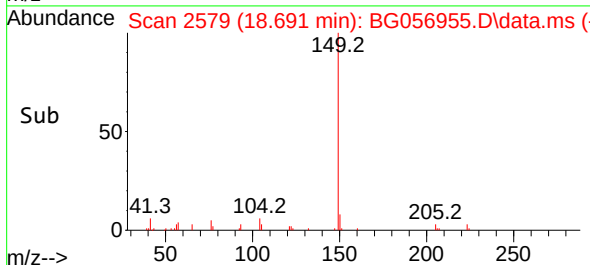
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

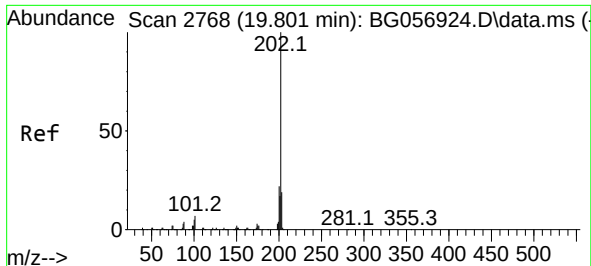


#74
 Di-n-butylphthalate
 Concen: 6.926 ng
 RT: 18.691 min Scan# 2579
 Delta R.T. -0.005 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08



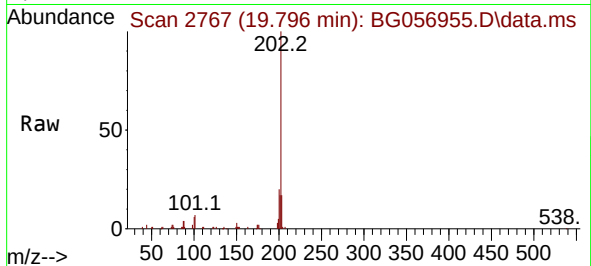
Tgt Ion:149 Resp: 51926
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.0
 104 5.9 4.9 7.3





#75
Fluoranthene
Concen: 6.826 ng
RT: 19.796 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

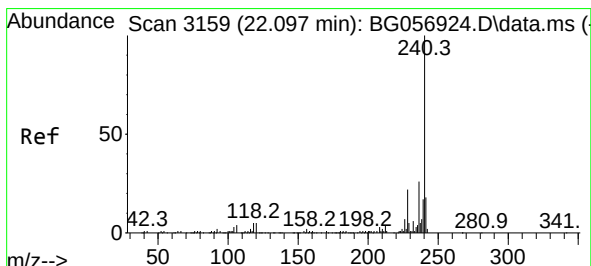
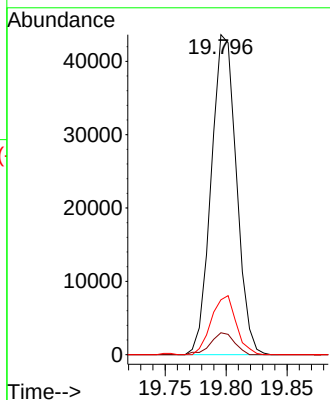
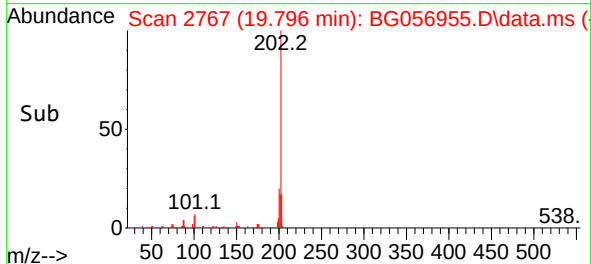
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:202 Resp: 62674
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.7
203 17.1 0.0 39.0

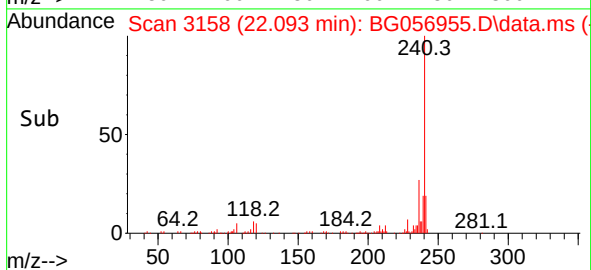
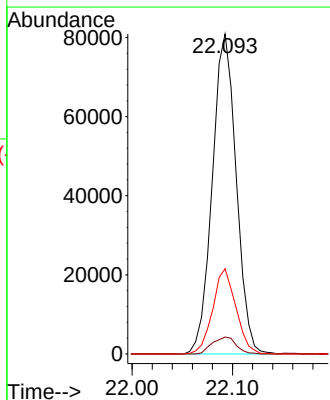
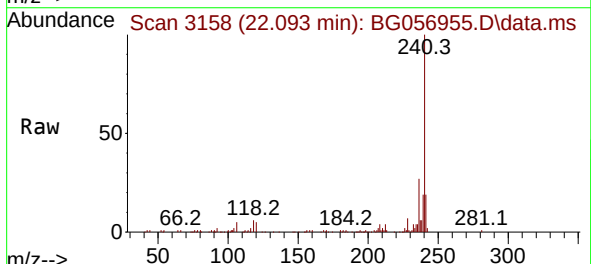
Manual Integrations
APPROVED

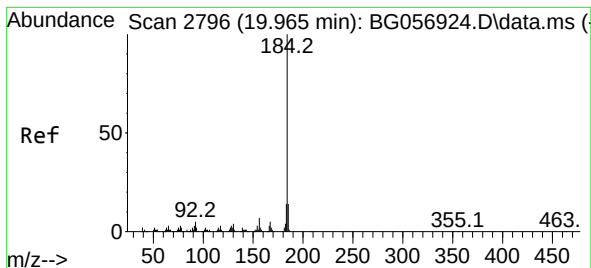
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.093 min Scan# 3158
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion:240 Resp: 133777
Ion Ratio Lower Upper
240 100
120 5.3 3.8 5.6
236 26.7 21.0 31.6





#77

Benzidine

Concen: 9.683 ng

RT: 19.960 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

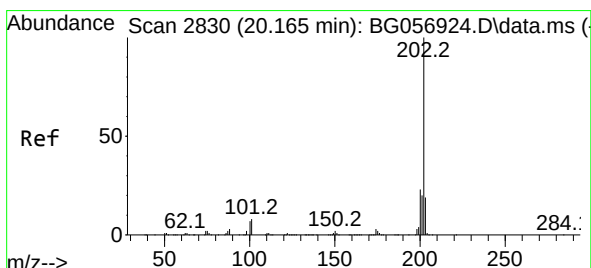
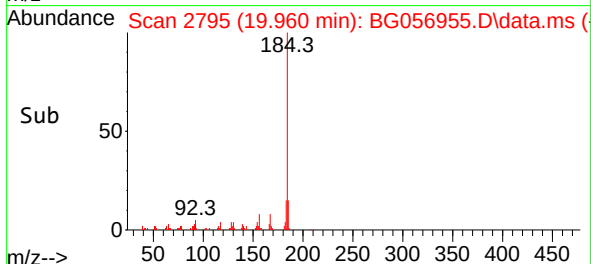
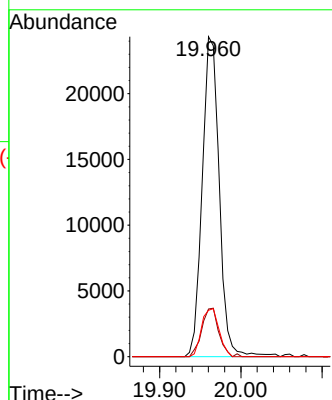
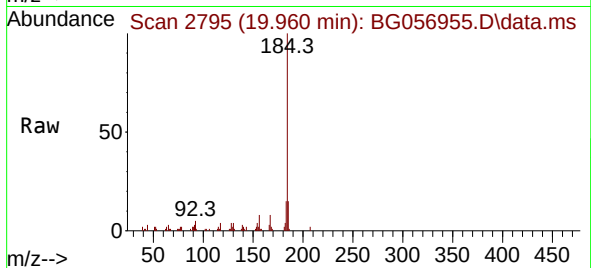
Tgt Ion:	184	Resp:	3540
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.0	16.4
183	14.5	11.4	17.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#78

Pyrene

Concen: 6.824 ng

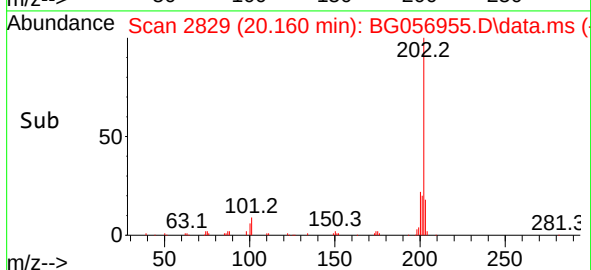
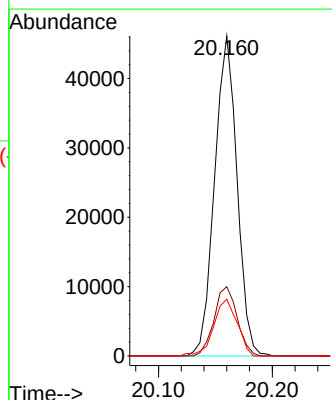
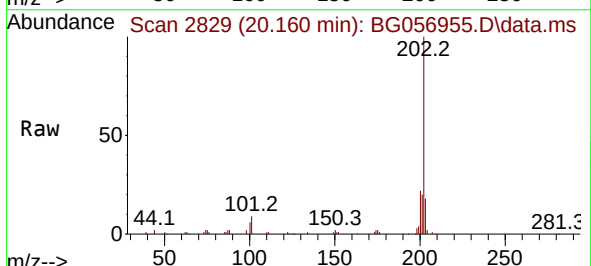
RT: 20.160 min Scan# 2829

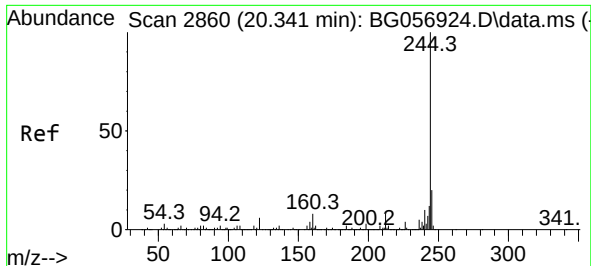
Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

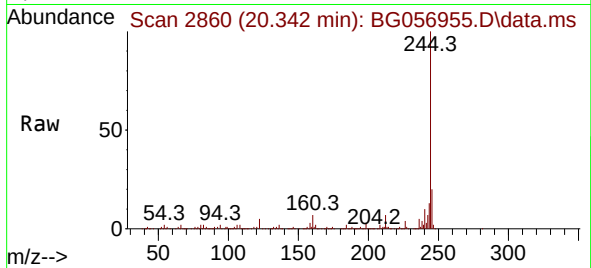
Tgt Ion:	202	Resp:	63141
Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.8	15.4	23.2





#79
 Terphenyl-d14
 Concen: 79.241 ng
 RT: 20.342 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

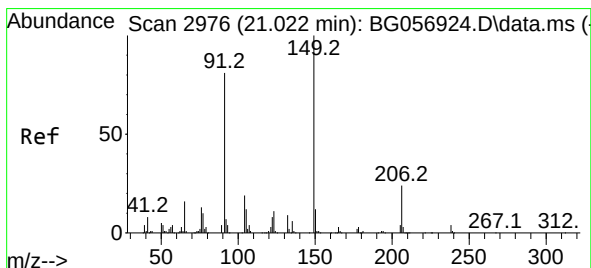
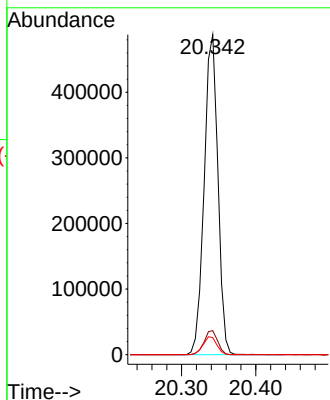
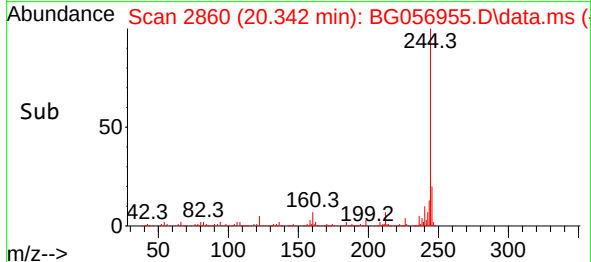
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:244 Resp: 626454
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.3 5.0 7.4

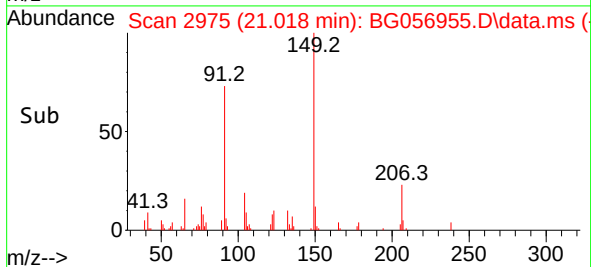
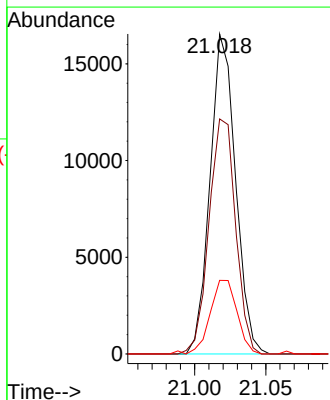
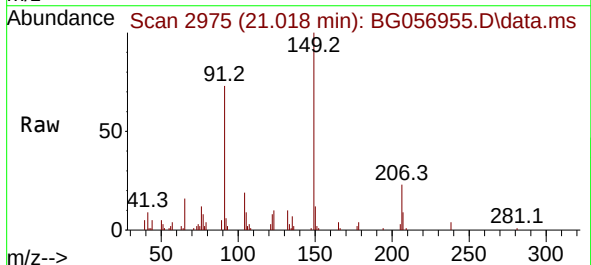
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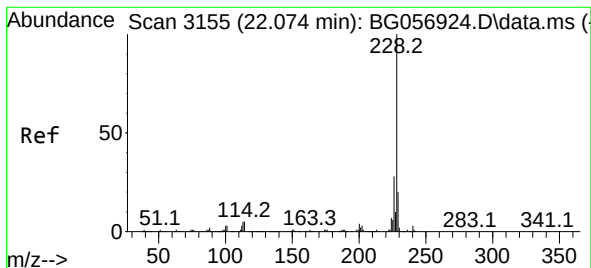
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#80
 Butylbenzylphthalate
 Concen: 6.485 ng
 RT: 21.018 min Scan# 2975
 Delta R.T. -0.005 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

Tgt Ion:149 Resp: 20649
 Ion Ratio Lower Upper
 149 100
 91 73.5 64.4 96.6
 206 23.0 18.9 28.3





#81

Benzo(a)anthracene

Concen: 6.906 ng

RT: 22.069 min Scan# 3155

Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

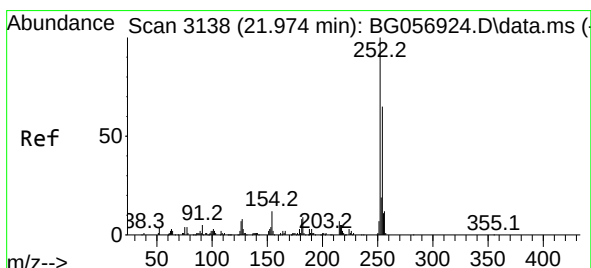
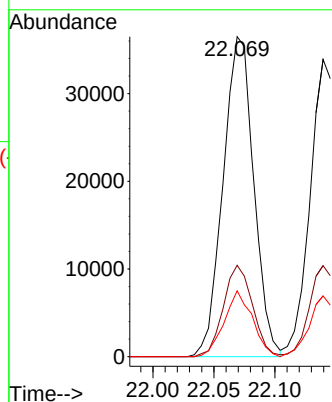
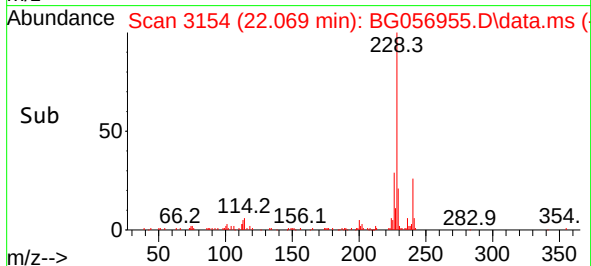
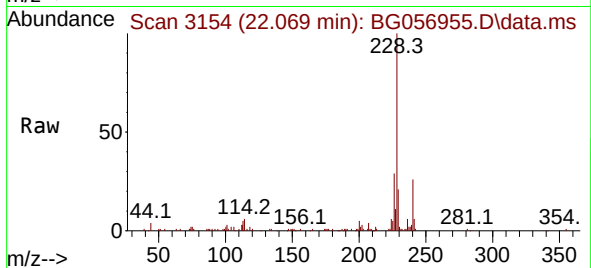
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:228 Resp: 63930
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.1 33.1
 229 20.6 16.1 24.1

Manual Integrations
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Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#82

3,3'-Dichlorobenzidine

Concen: 8.383 ng

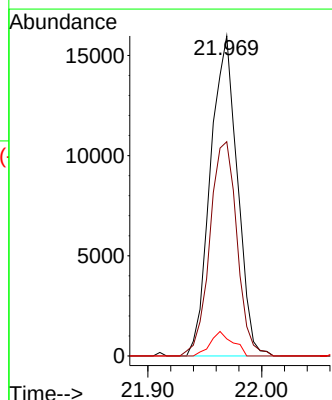
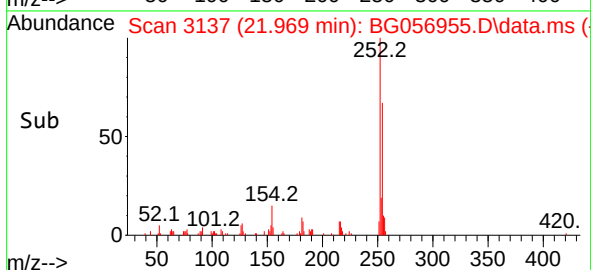
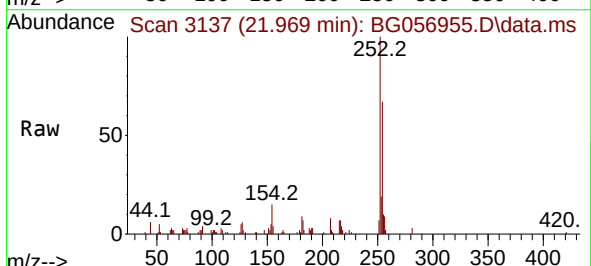
RT: 21.969 min Scan# 3137

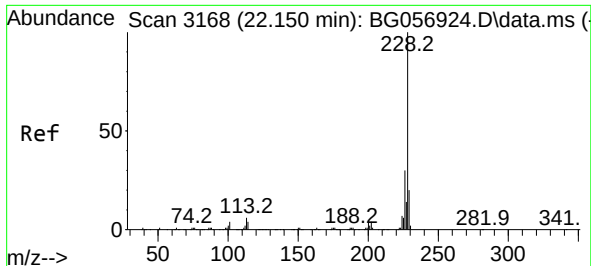
Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

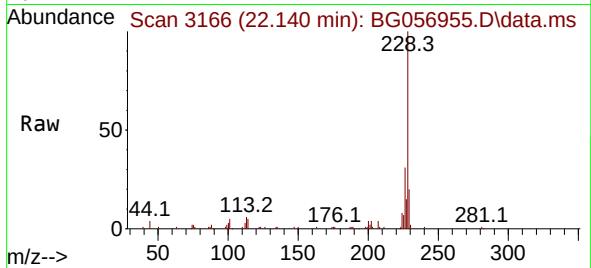
Tgt Ion:252 Resp: 26206
 Ion Ratio Lower Upper
 252 100
 254 66.9 51.7 77.5
 126 5.3 5.6 8.4#





#83
Chrysene
Concen: 6.863 ng
RT: 22.140 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

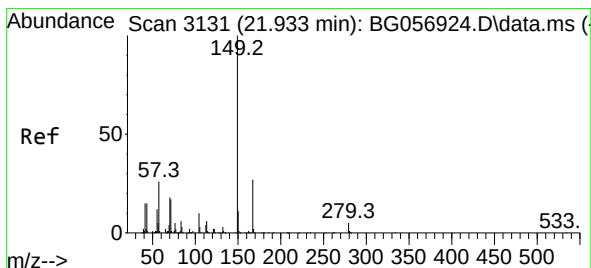
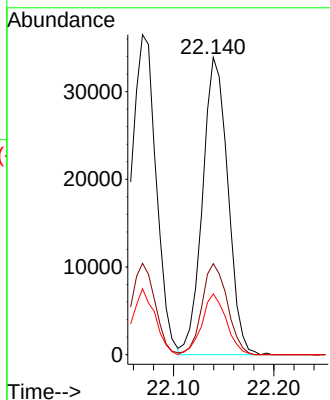
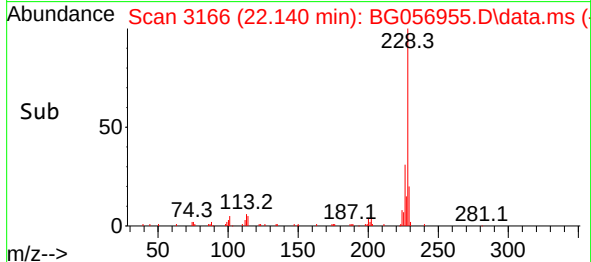
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:228 Resp: 5949
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.4 15.6 23.4

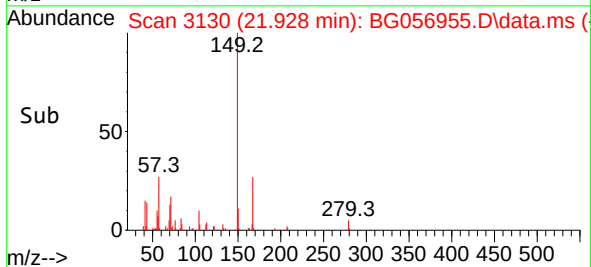
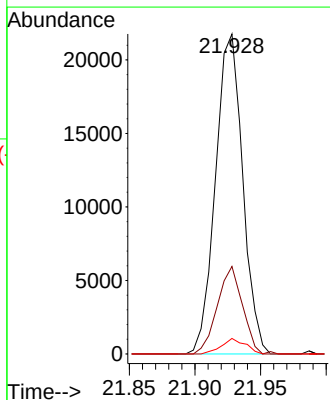
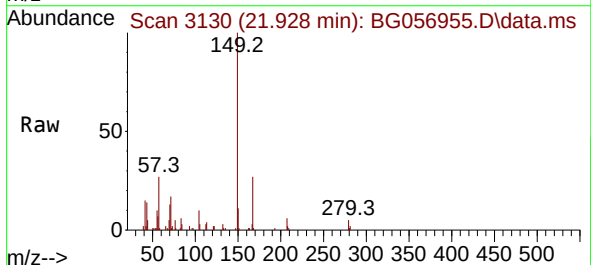
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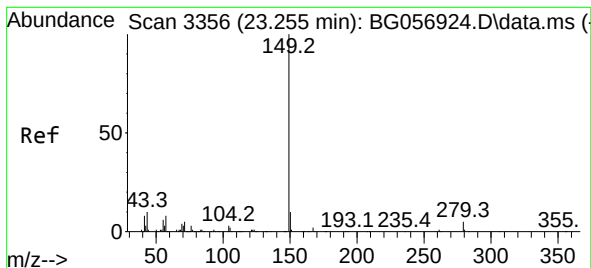
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.794 ng
RT: 21.928 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

Tgt Ion:149 Resp: 31324
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 6.884 ng

RT: 23.244 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

Instrument :

BNA_G

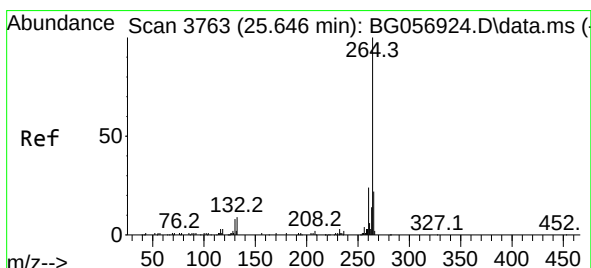
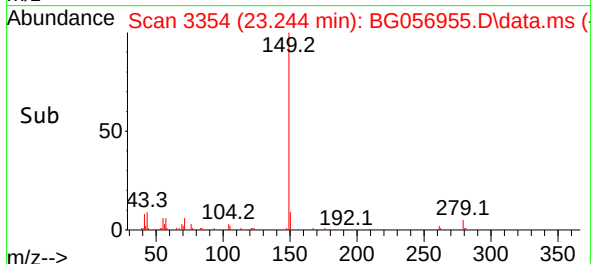
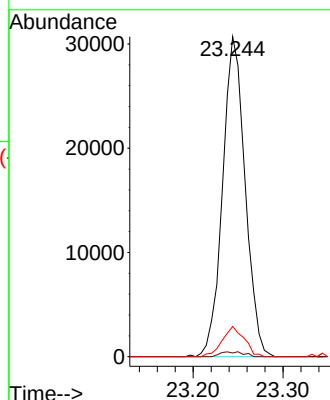
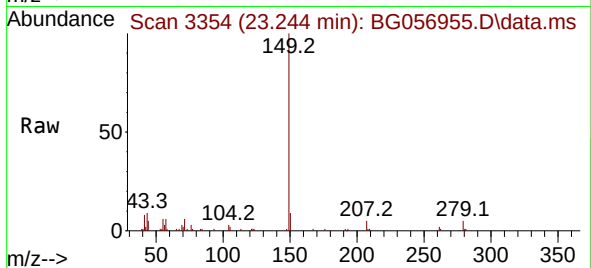
ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:149 Resp: 53488
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.2 7.9 11.9

Manual Integrations
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Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#86

Perylene-d12

Concen: 20.000 ng

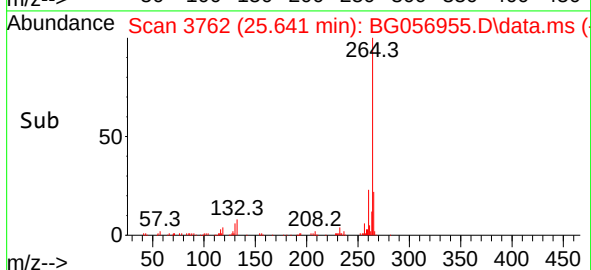
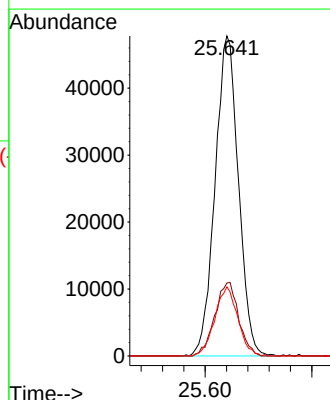
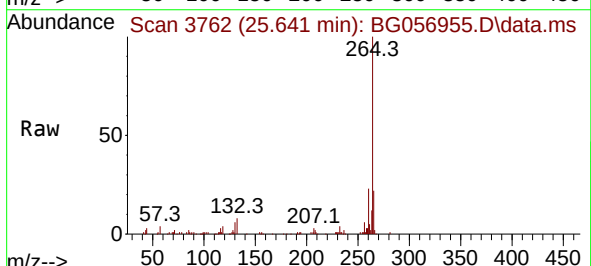
RT: 25.641 min Scan# 3762

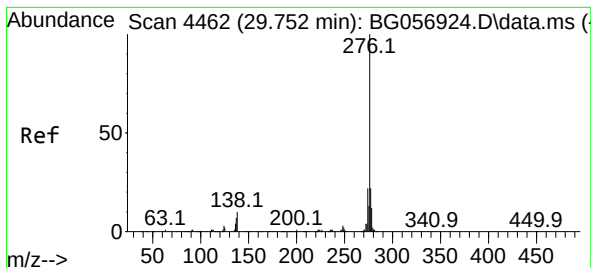
Delta R.T. -0.005 min

Lab File: BG056955.D

Acq: 3 Apr 2023 13:08

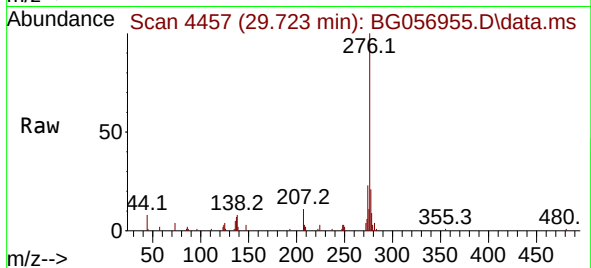
Tgt Ion:264 Resp: 145125
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.6 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.111 ng
 RT: 29.723 min Scan# 4462
 Delta R.T. -0.028 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

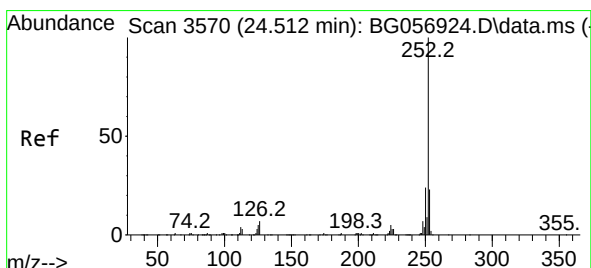
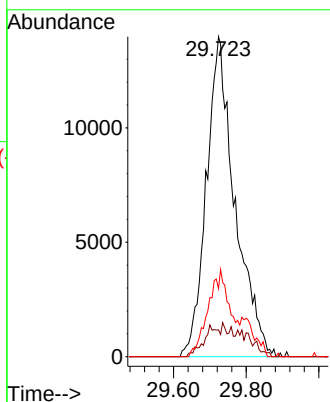
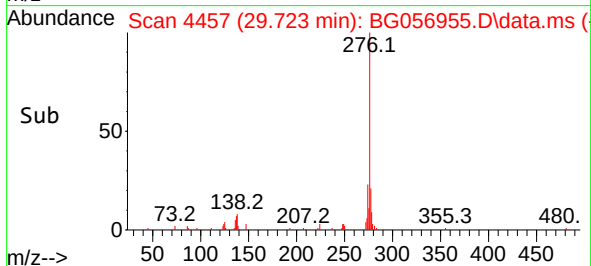
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023



Tgt Ion:276 Resp: 7627
 Ion Ratio Lower Upper
 276 100
 138 0.0 7.7 11.5
 277 10.8 21.0 31.4

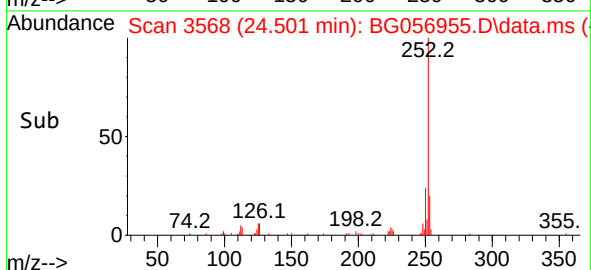
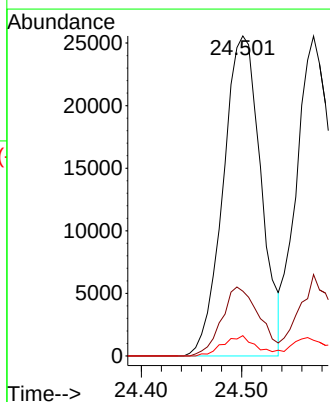
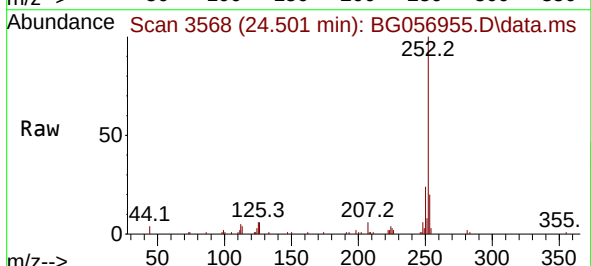
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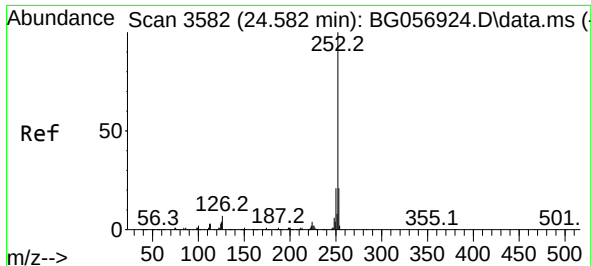
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#88
 Benzo(b)fluoranthene
 Concen: 7.364 ng
 RT: 24.501 min Scan# 3568
 Delta R.T. -0.011 min
 Lab File: BG056955.D
 Acq: 3 Apr 2023 13:08

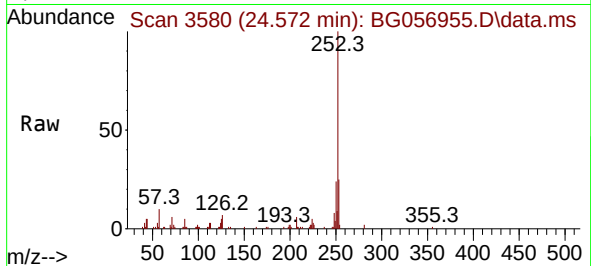
Tgt Ion:252 Resp: 66827
 Ion Ratio Lower Upper
 252 100
 253 20.2 18.1 27.1
 125 6.3 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 7.131 ng
RT: 24.572 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

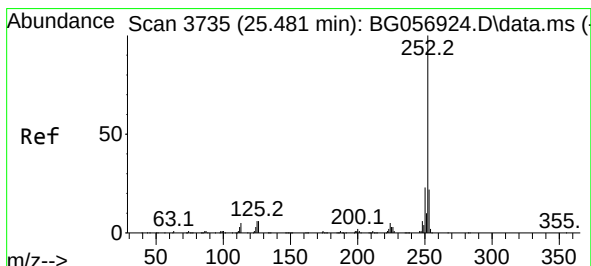
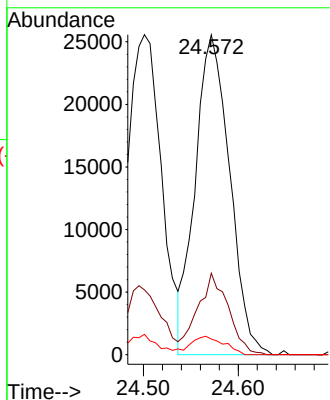
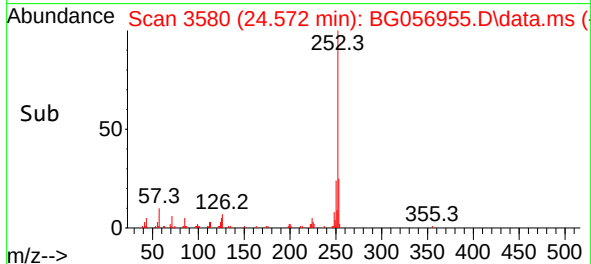
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:252 Resp: 6460
Ion Ratio Lower Upper
252 100
253 25.4 17.1 25.7
125 4.9 3.8 5.6

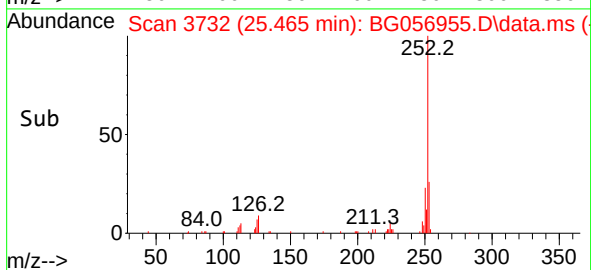
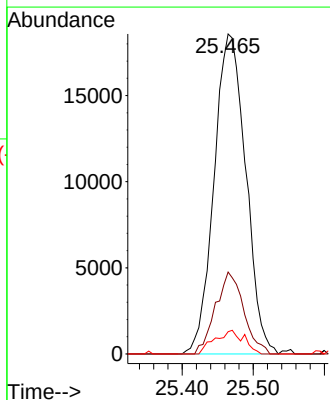
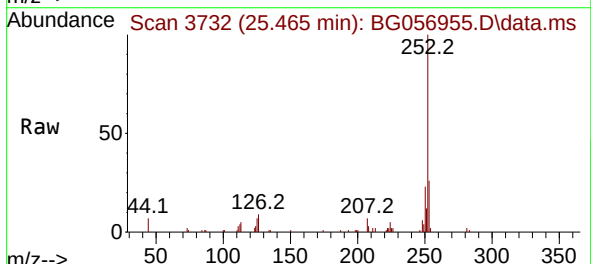
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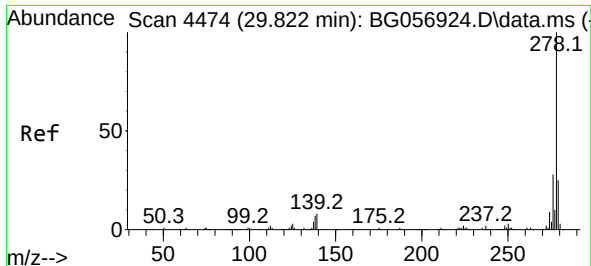
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#90
Benzo(a)pyrene
Concen: 6.440 ng
RT: 25.465 min Scan# 3732
Delta R.T. -0.017 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

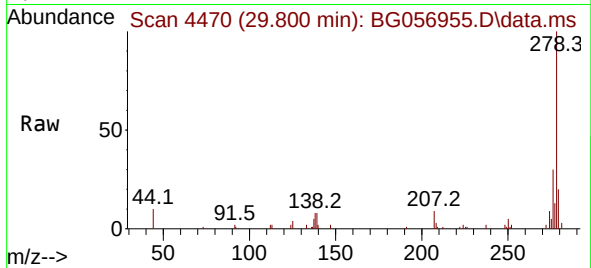
Tgt Ion:252 Resp: 57429
Ion Ratio Lower Upper
252 100
253 25.6 17.6 26.4
125 7.0 4.5 6.7#





#91
Dibenzo(a,h)anthracene
Concen: 7.203 ng
RT: 29.800 min Scan# 4474
Delta R.T. -0.022 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08

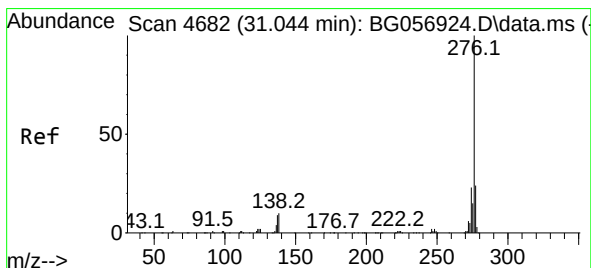
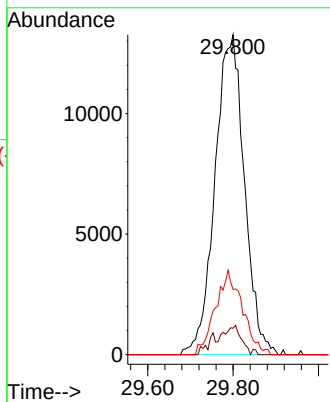
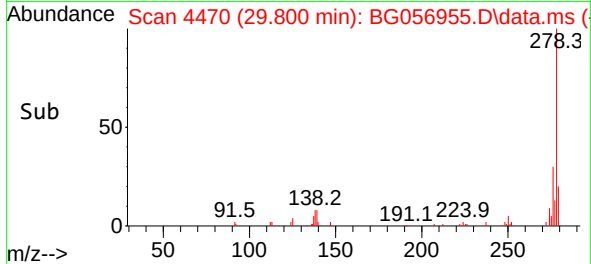
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



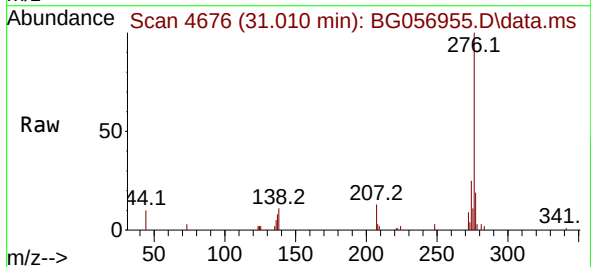
Tgt Ion:278 Resp: 63504
Ion Ratio Lower Upper
278 100
139 8.2 6.4 9.6
279 20.3 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#92
Benzo(g,h,i)perylene
Concen: 6.936 ng
RT: 31.010 min Scan# 4676
Delta R.T. -0.034 min
Lab File: BG056955.D
Acq: 3 Apr 2023 13:08



Tgt Ion:276 Resp: 59874
Ion Ratio Lower Upper
276 100
277 19.0 19.1 28.7#
138 10.9 8.2 12.2

