

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056503.D
 Acq On : 1 Feb 2023 17:02
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Feb 02 05:03:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	32119	20.000	ng	# 0.00
21) Naphthalene-d8	11.109	136	124753	20.000	ng	# 0.00
39) Acenaphthene-d10	14.898	164	105475	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	271649	20.000	ng	0.00
76) Chrysene-d12	21.919	240	265879	20.000	ng	0.00
86) Perylene-d12	25.339	264	287222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	194887	111.619	ng	0.00
7) Phenol-d6	7.419	99	278424	107.625	ng	0.00
23) Nitrobenzene-d5	9.452	82	184983	84.200	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	154771	110.375	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	632149	83.093	ng	0.00
79) Terphenyl-d14	20.210	244	1214834	80.250	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	6371	8.763	ng	# 93
3) Pyridine	4.023	79	16105	7.431	ng	95
4) n-Nitrosodimethylamine	3.935	42	3383	7.340	ng	# 75
6) Aniline	7.589	93	26178	7.729	ng	94
8) 2-Chlorophenol	7.836	128	14444	7.530	ng	98
9) Benzaldehyde	7.401	77	13283	8.747	ng	93
10) Phenol	7.448	94	20086	7.639	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	14951	8.273	ng	97
12) 1,3-Dichlorobenzene	8.165	146	18696	8.466	ng	97
13) 1,4-Dichlorobenzene	8.312	146	18715	8.368	ng	93
14) 1,2-Dichlorobenzene	8.635	146	18554	8.551	ng	91
15) Benzyl Alcohol	8.506	79	13380	7.538	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.800	45	3073	8.025	ng	93
17) 2-Methylphenol	8.711	107	14767	7.382	ng	96
18) Hexachloroethane	9.375	117	5861	8.665	ng	96
19) n-Nitroso-di-n-propyla...	9.070	70	11505	7.717	ng	# 90
20) 3+4-Methylphenols	9.040	107	19624	7.000	ng	89
22) Acetophenone	9.105	105	27417	8.271	ng	# 99
24) Nitrobenzene	9.493	77	17824	8.411	ng	93
25) Isophorone	10.010	82	35721	7.881	ng	97
26) 2-Nitrophenol	10.216	139	10053	7.819	ng	94
27) 2,4-Dimethylphenol	10.257	122	15586	7.243	ng	96
28) bis(2-Chloroethoxy)met...	10.492	93	21062	8.412	ng	97
29) 2,4-Dichlorophenol	10.750	162	18927	7.814	ng	99
30) 1,2,4-Trichlorobenzene	10.962	180	23107	8.585	ng	96
31) Naphthalene	11.156	128	52808	8.020	ng	97
32) Benzoic acid	10.374	122	10369m	8.613	ng	
33) 4-Chloroaniline	11.261	127	23048	7.499	ng	96
34) Hexachlorobutadiene	11.438	225	16830	8.908	ng	93
35) Caprolactam	12.008	113	6368	7.796	ng	91
36) 4-Chloro-3-methylphenol	12.366	107	17445	7.458	ng	95
37) 2-Methylnaphthalene	12.742	142	43105	7.941	ng	99
38) 1-Methylnaphthalene	12.959	142	41092	8.105	ng	90
40) 1,2,4,5-Tetrachloroben...	13.106	216	31569	8.193	ng	99
41) Hexachlorocyclopentadiene	13.077	237	9138	10.489	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	18598	7.490	ng	96

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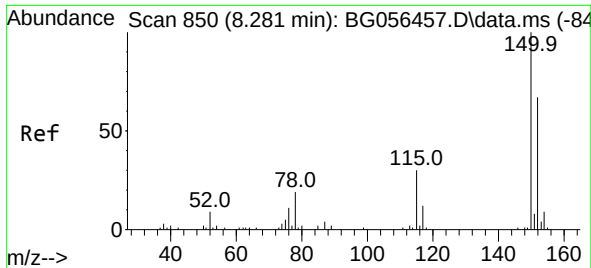
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	19768	6.799	ng	92
46) 1,1'-Biphenyl	13.729	154	61954	8.098	ng	98
47) 2-Chloronaphthalene	13.782	162	49594	8.294	ng	98
48) 2-Nitroaniline	13.976	65	8846	7.156	ng	100
49) Acenaphthylene	14.622	152	74714	7.680	ng	97
50) Dimethylphthalate	14.328	163	67222	7.878	ng	100
51) 2,6-Dinitrotoluene	14.463	165	14485	7.784	ng	96
52) Acenaphthene	14.957	154	45204	7.835	ng	99
53) 3-Nitroaniline	14.792	138	13396	7.425	ng	93
54) 2,4-Dinitrophenol	15.010	184	7974m	6.835	ng	
55) Dibenzofuran	15.286	168	83355	8.056	ng	97
56) 4-Nitrophenol	15.098	139	7548	6.123	ng	90
57) 2,4-Dinitrotoluene	15.245	165	19012	7.253	ng	97
58) Fluorene	15.932	166	66723	8.104	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.515	232	19412	7.509	ng	# 95
60) Diethylphthalate	15.680	149	61644	7.693	ng	99
61) 4-Chlorophenyl-phenyle...	15.915	204	40191	8.000	ng	97
62) 4-Nitroaniline	15.950	138	13606	7.537	ng	93
63) Azobenzene	16.208	77	44185	8.014	ng	97
65) 4,6-Dinitro-2-methylph...	16.015	198	12053	6.311	ng	92
66) n-Nitrosodiphenylamine	16.132	169	60102	7.814	ng	98
67) 4-Bromophenyl-phenylether	16.808	248	27111	7.796	ng	95
68) Hexachlorobenzene	16.937	284	27921	8.198	ng	97
69) Atrazine	17.060	200	25275	8.518	ng	95
70) Pentachlorophenol	17.284	266	12947m	6.282	ng	
71) Phenanthrene	17.677	178	114113	8.026	ng	98
72) Anthracene	17.765	178	117277	8.036	ng	99
73) Carbazole	18.030	167	99346	7.992	ng	98
74) Di-n-butylphthalate	18.559	149	100175	7.675	ng	98
75) Fluoranthene	19.669	202	144766	8.068	ng	98
77) Benzidine	19.834	184	81705	11.356	ng	99
78) Pyrene	20.028	202	148447	7.850	ng	98
80) Butylbenzylphthalate	20.879	149	41839	7.245	ng	95
81) Benzo(a)anthracene	21.902	228	145916	7.850	ng	99
82) 3,3'-Dichlorobenzidine	21.802	252	59409	8.875	ng	100
83) Chrysene	21.972	228	137228	7.858	ng	97
84) Bis(2-ethylhexyl)phtha...	21.761	149	61271	7.400	ng	99
85) Di-n-octyl phthalate	23.030	149	103311	7.492	ng	99
87) Indeno(1,2,3-cd)pyrene	29.264	276	161846	7.698	ng	# 94
88) Benzo(b)fluoranthene	24.246	252	149525	8.387	ng	100
89) Benzo(k)fluoranthene	24.317	252	152848m	8.492	ng	
90) Benzo(a)pyrene	25.169	252	131932	7.513	ng	100
91) Dibenzo(a,h)anthracene	29.323	278	144260	8.174	ng	99
92) Benzo(g,h,i)perylene	30.498	276	138403	8.128	ng	# 96

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

Manual Integrations

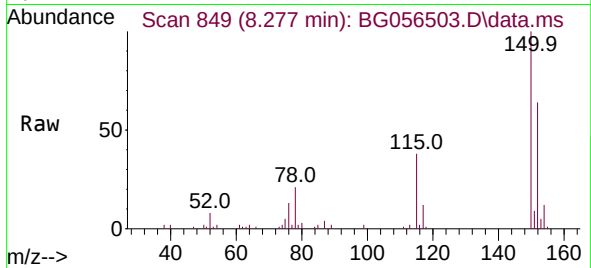
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jaqrut Upadhyay 02/02/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 849
Delta R.T. 0.002 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

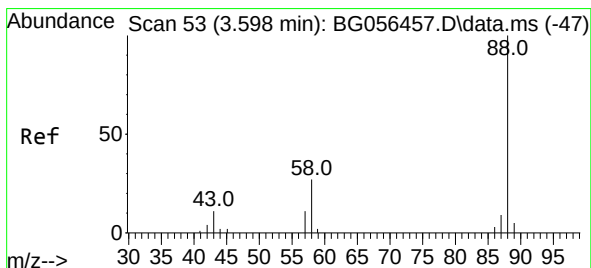
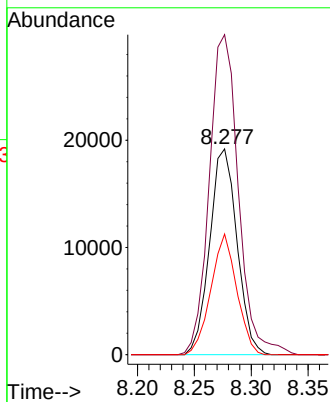
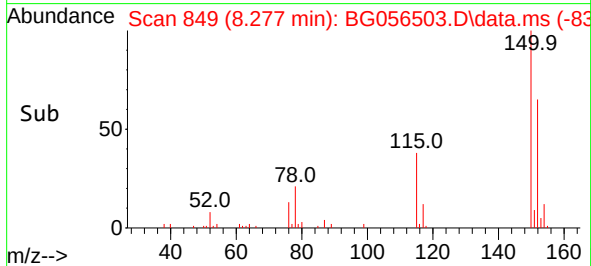
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:152 Resp: 32119
Ion Ratio Lower Upper
152 100
150 155.6 120.2 180.4
115 58.6 36.3 54.5

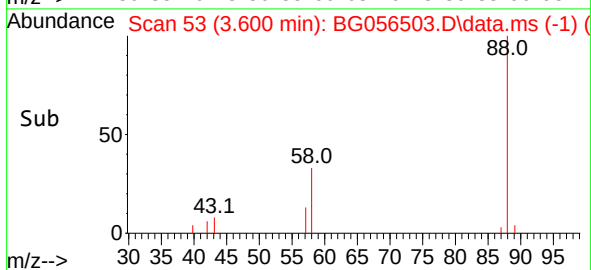
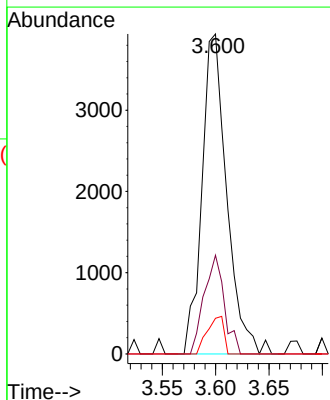
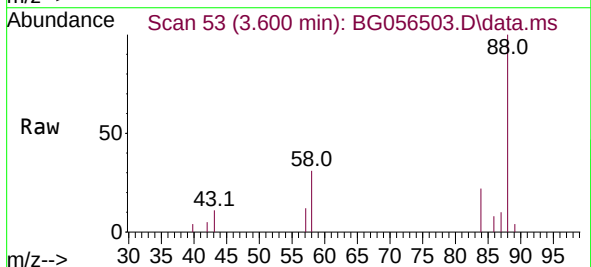
Manual Integrations
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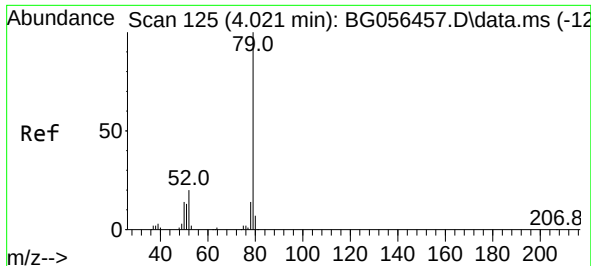
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#2
1,4-Dioxane
Concen: 8.763 ng
RT: 3.600 min Scan# 53
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

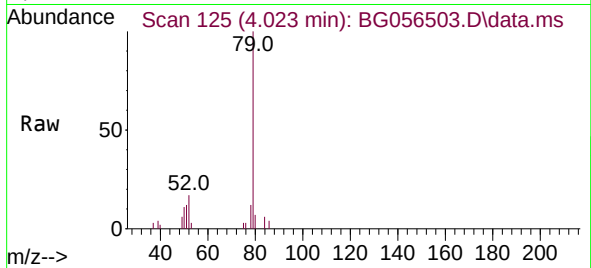
Tgt Ion: 88 Resp: 6371
Ion Ratio Lower Upper
88 100
58 25.0 23.0 34.4
43 7.8 8.0 12.0





#3
Pyridine
Concen: 7.431 ng
RT: 4.023 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

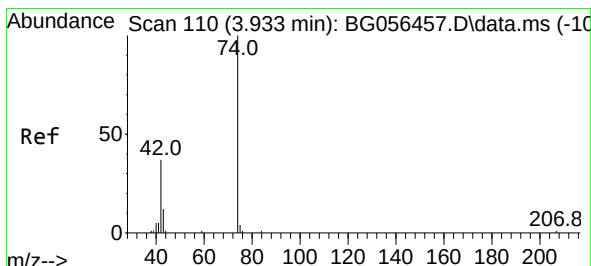
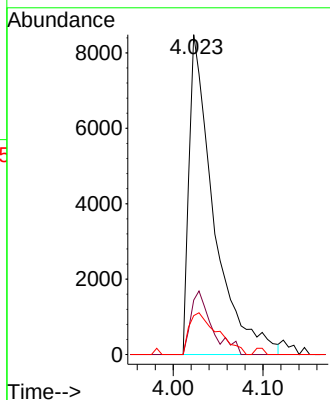
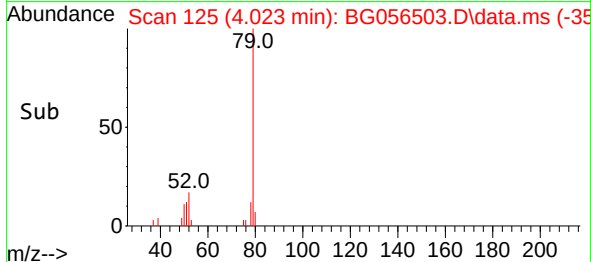
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



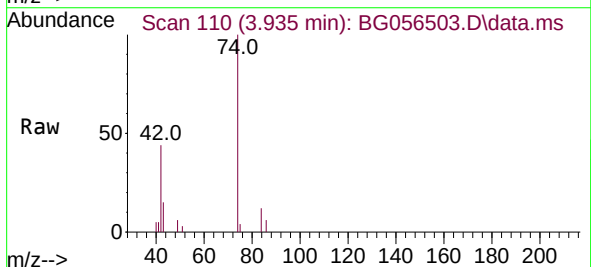
Tgt Ion: 79 Resp: 16105
Ion Ratio Lower Upper
79 100
52 17.0 16.1 24.1
51 12.2 10.7 16.1

Manual Integrations
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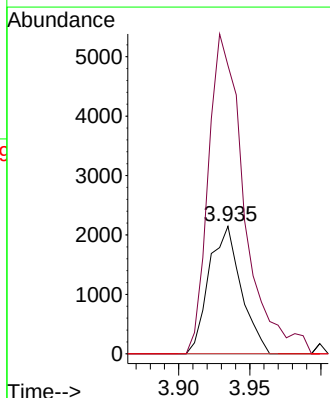
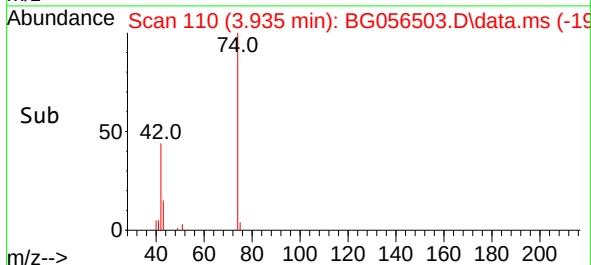
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

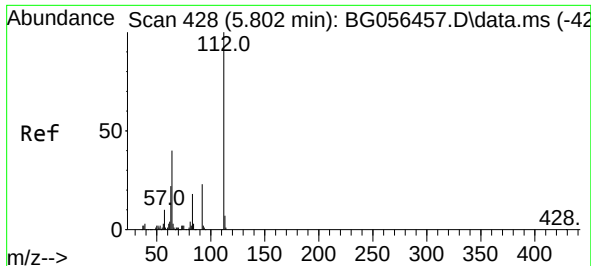


#4
n-Nitrosodimethylamine
Concen: 7.340 ng
RT: 3.935 min Scan# 110
Delta R.T. 0.007 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



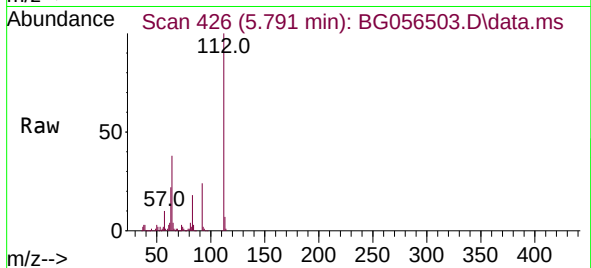
Tgt Ion: 42 Resp: 3383
Ion Ratio Lower Upper
42 100
74 226.1 217.9 326.9
44 0.0 3.0 4.6#





#5
2-Fluorophenol
Concen: 111.619 ng
RT: 5.791 min Scan# 411
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

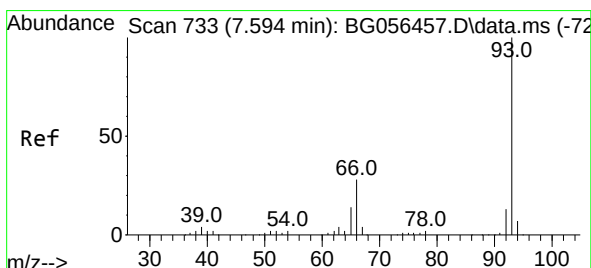
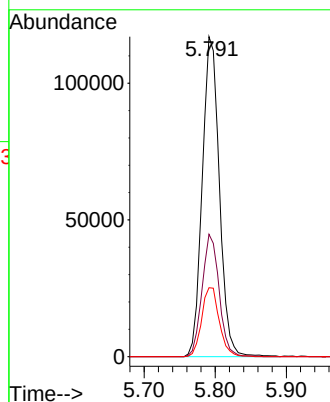
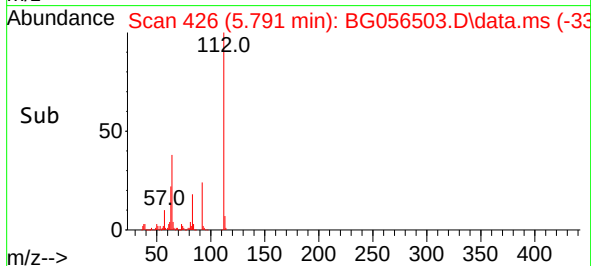
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 112 Resp: 19488
Ion Ratio Lower Upper
112 100
64 38.2 31.9 47.9
63 21.5 17.4 26.0

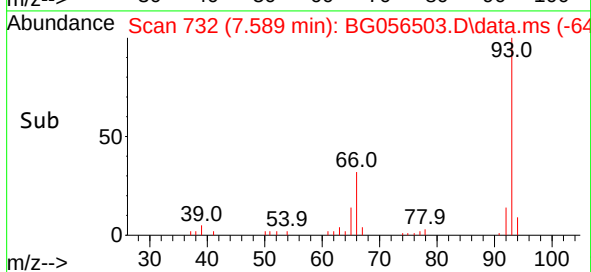
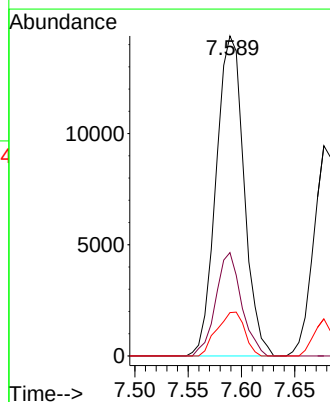
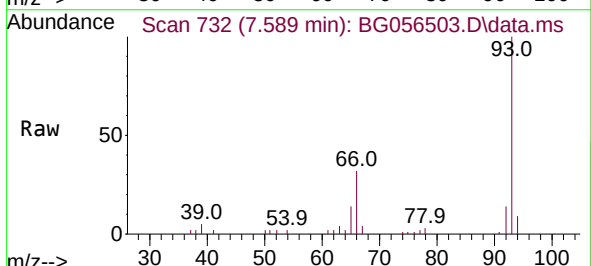
Manual Integrations
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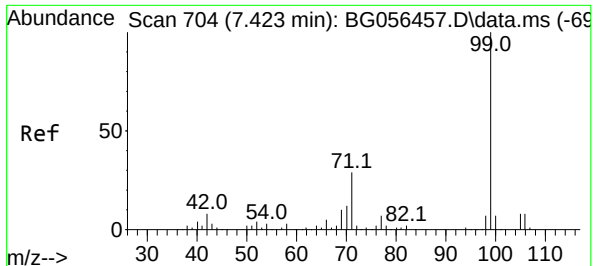
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#6
Aniline
Concen: 7.729 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

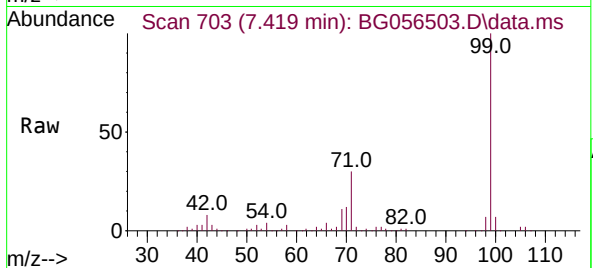
Tgt Ion: 93 Resp: 26178
Ion Ratio Lower Upper
93 100
66 32.3 22.2 33.2
65 13.5 11.3 16.9





#7
Phenol-d6
Concen: 107.625 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

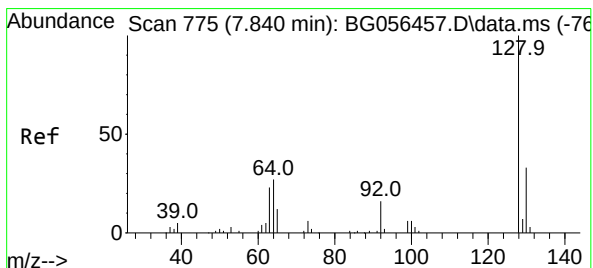
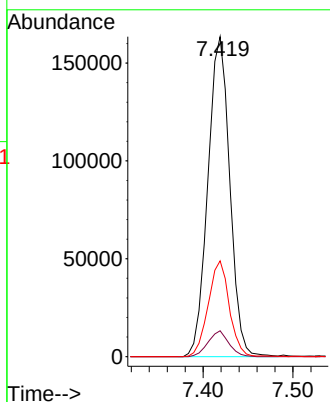
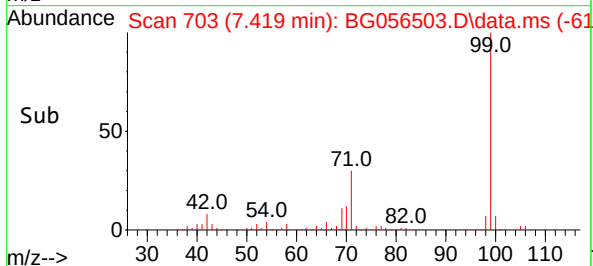
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ClientSampleId :
MDL-WATER-03-QT3-2022



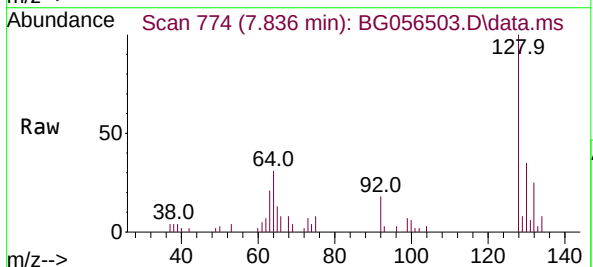
Tgt Ion: 99 Resp: 278424
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 29.9 23.4 35.0

Manual Integrations
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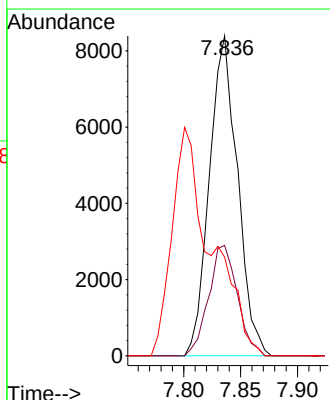
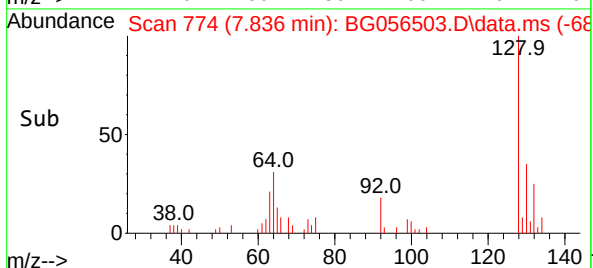
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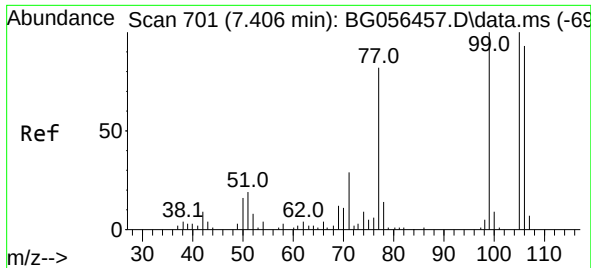


#8
2-Chlorophenol
Concen: 7.530 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



Tgt Ion:128 Resp: 14444
Ion Ratio Lower Upper
128 100
130 34.5 12.8 52.8
64 30.9 11.3 51.3





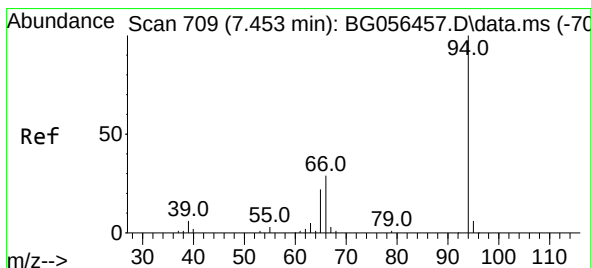
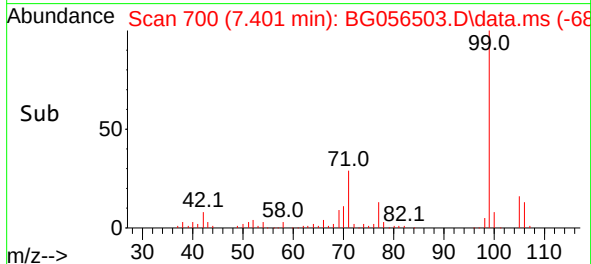
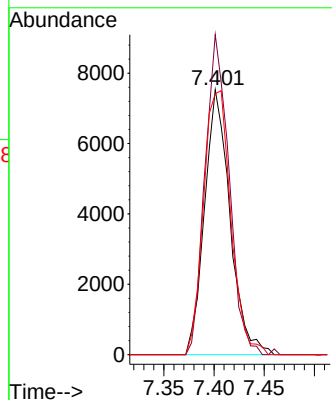
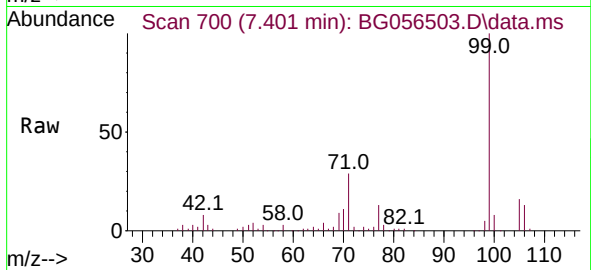
#9
Benzaldehyde
Concen: 8.747 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 13283
Ion Ratio Lower Upper
77 100
105 120.8 101.8 141.8
106 98.5 93.0 133.0

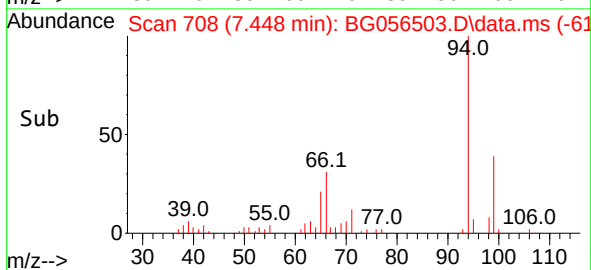
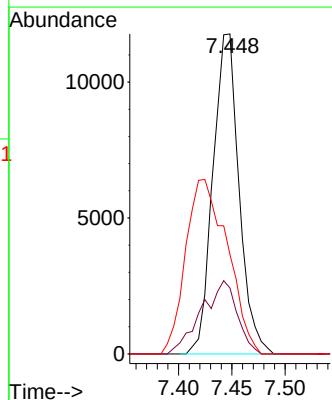
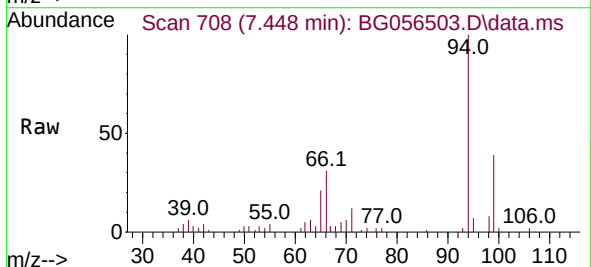
Manual Integrations
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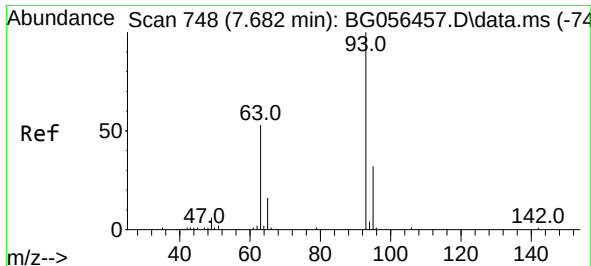
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#10
Phenol
Concen: 7.639 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion: 94 Resp: 20086
Ion Ratio Lower Upper
94 100
65 20.6 2.3 42.3
66 31.0 11.2 51.2





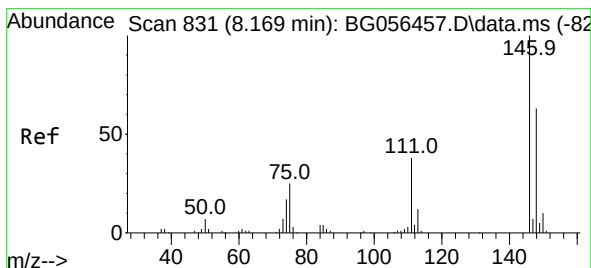
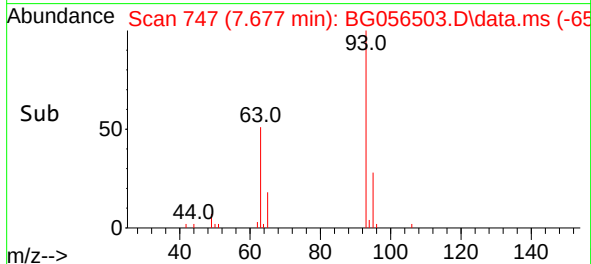
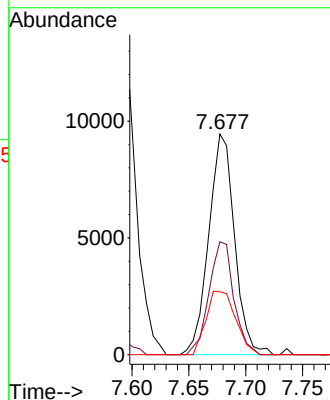
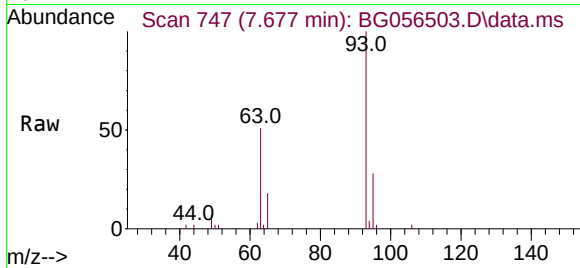
#11
bis(2-Chloroethyl)ether
Concen: 8.273 ng
RT: 7.677 min Scan# 74
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 93 Resp: 1495
Ion Ratio Lower Upper
93 100
63 51.2 32.4 72.4
95 28.4 11.8 51.8

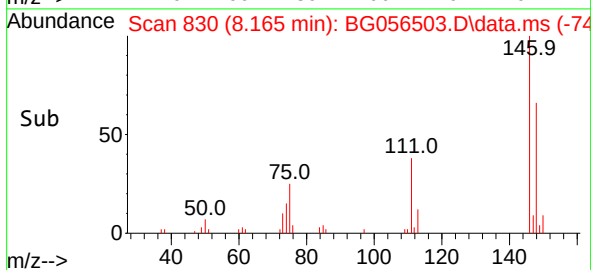
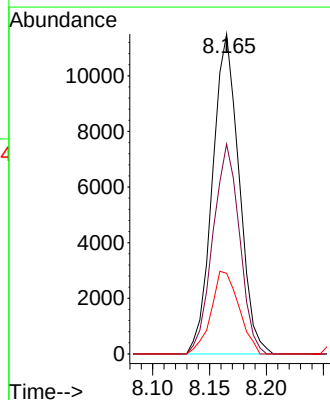
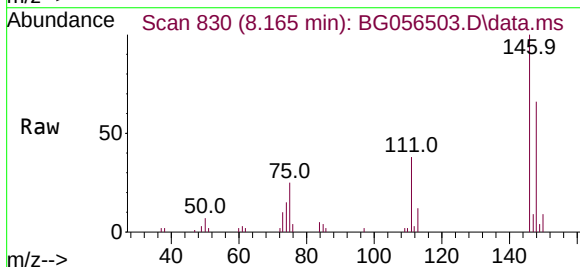
Manual Integrations
APPROVED

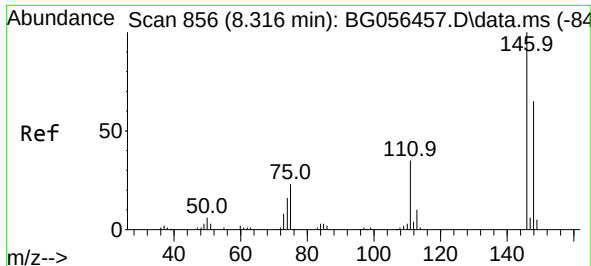
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#12
1,3-Dichlorobenzene
Concen: 8.466 ng
RT: 8.165 min Scan# 830
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion:146 Resp: 18696
Ion Ratio Lower Upper
146 100
148 65.6 50.6 75.8
75 25.2 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 8.368 ng

RT: 8.312 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056503.D

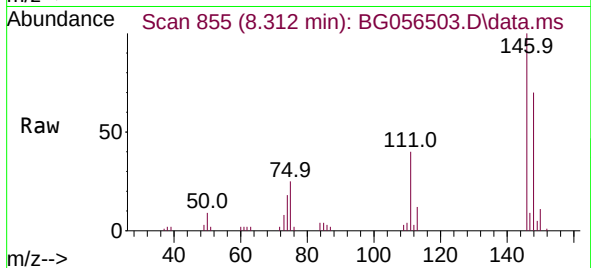
Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022



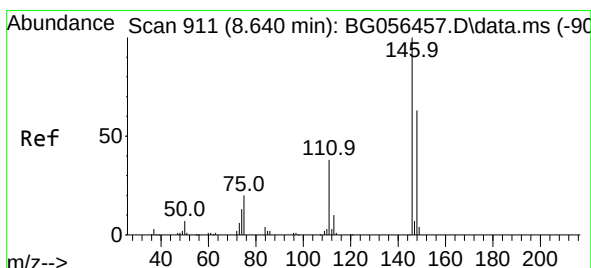
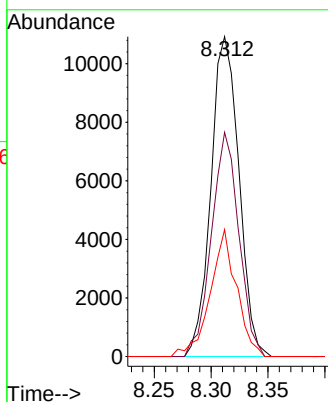
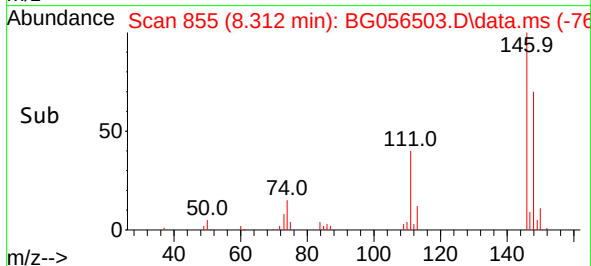
Tgt Ion:	146	Resp:	18715
Ion Ratio	Lower	Upper	
146	100		
148	70.1	51.8	77.6
111	39.7	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#14

1,2-Dichlorobenzene

Concen: 8.551 ng

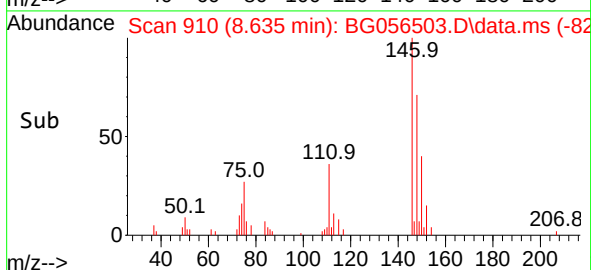
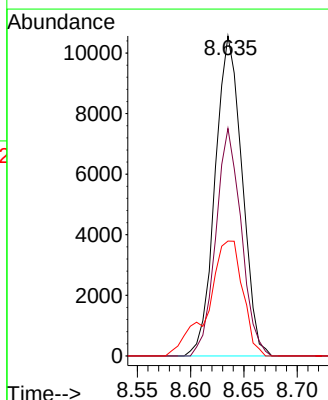
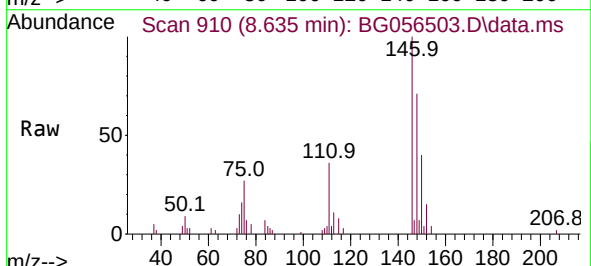
RT: 8.635 min Scan# 910

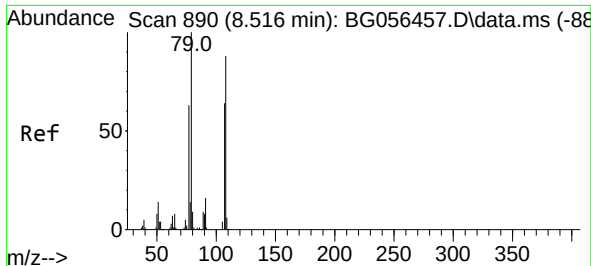
Delta R.T. 0.001 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Tgt Ion:	146	Resp:	18554
Ion Ratio	Lower	Upper	
146	100		
148	71.1	50.1	75.1
111	35.9	30.9	46.3





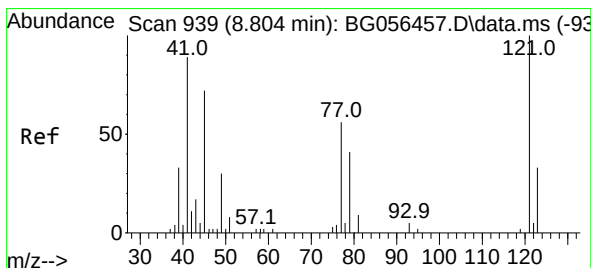
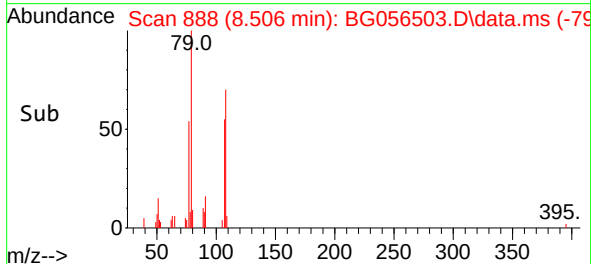
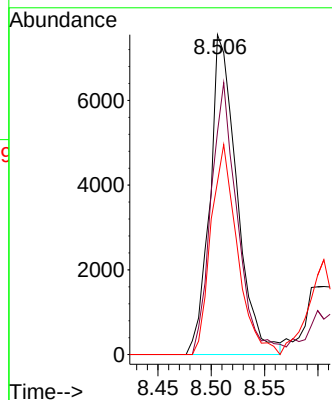
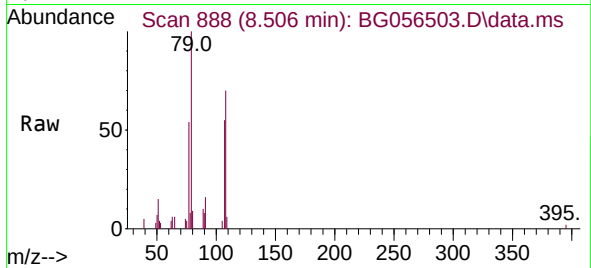
#15
Benzyl Alcohol
Concen: 7.538 ng
RT: 8.506 min Scan# 888
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion: 79 Resp: 13380
Ion Ratio Lower Upper
79 100
108 69.6 70.1 105.1
77 54.0 50.3 75.5

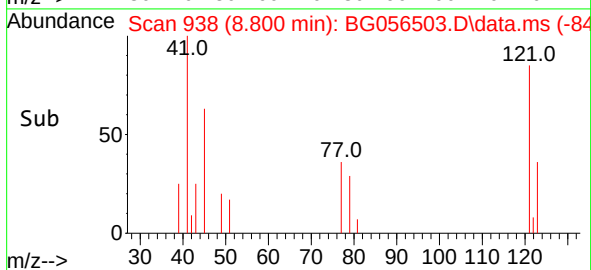
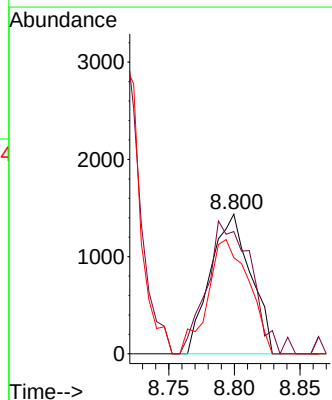
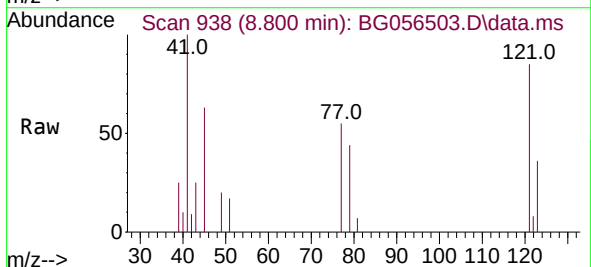
Manual Integrations
APPROVED

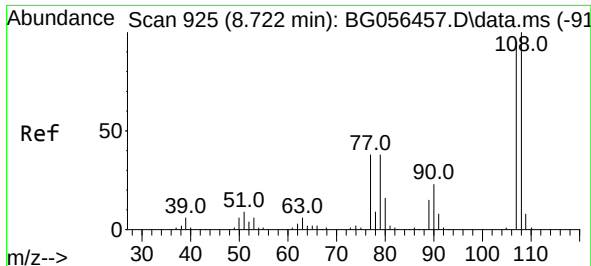
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.025 ng
RT: 8.800 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

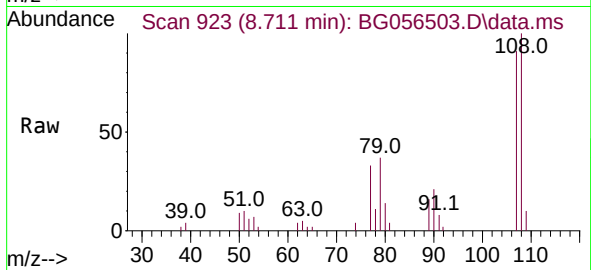
Tgt Ion: 45 Resp: 3073
Ion Ratio Lower Upper
45 100
77 87.5 62.1 102.1
79 68.9 42.7 82.7





#17
2-Methylphenol
Concen: 7.382 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

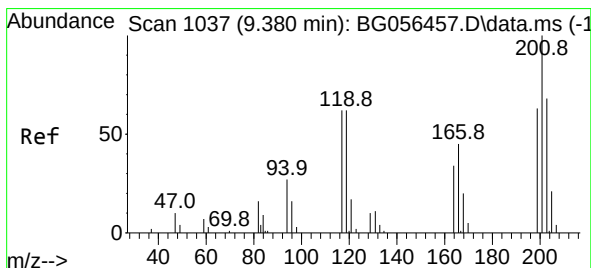
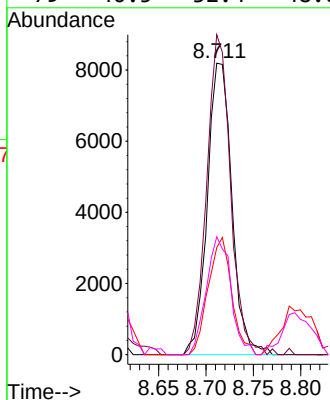
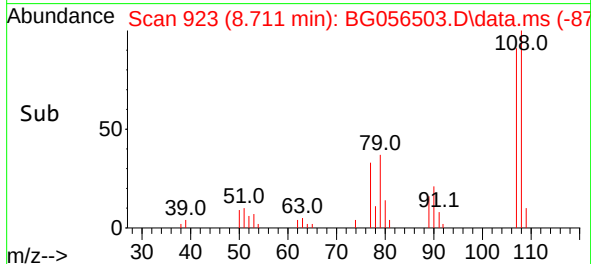
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



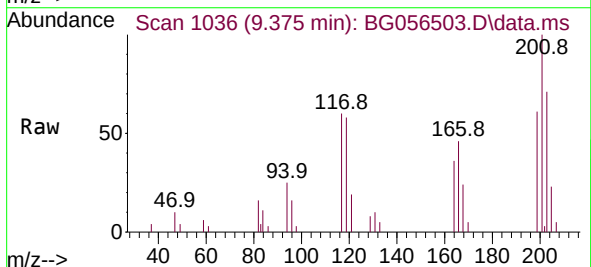
Tgt Ion:107 Resp: 1476
Ion Ratio Lower Upper
107 100
108 109.8 83.9 125.9
77 36.7 31.6 47.4
79 40.5 32.4 48.6

Manual Integrations
APPROVED

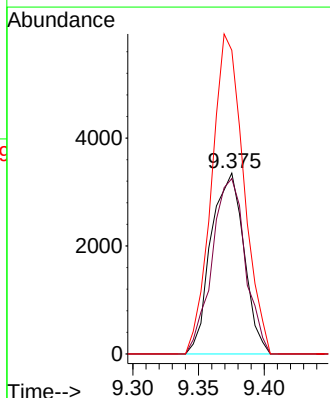
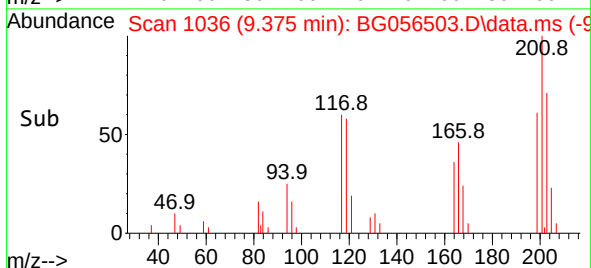
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

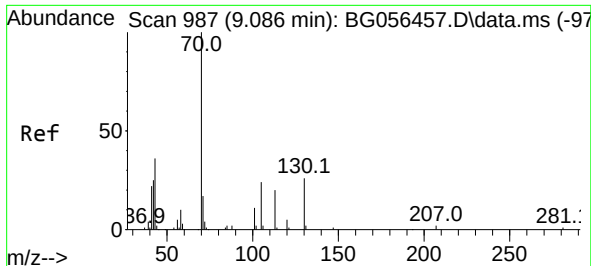


#18
Hexachloroethane
Concen: 8.665 ng
RT: 9.375 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



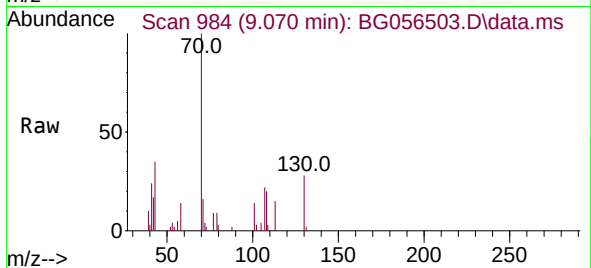
Tgt Ion:117 Resp: 5861
Ion Ratio Lower Upper
117 100
119 96.9 79.4 119.0
201 167.9 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 7.717 ng
RT: 9.070 min Scan# 987
Delta R.T. -0.011 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

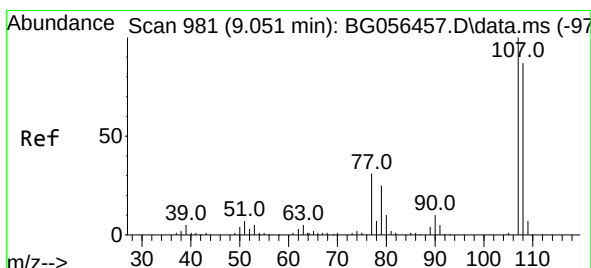
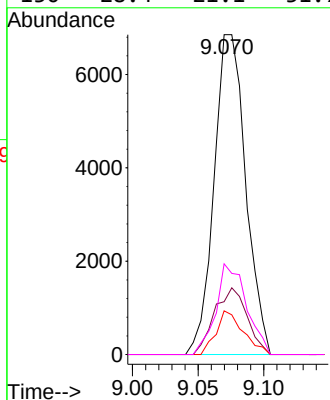
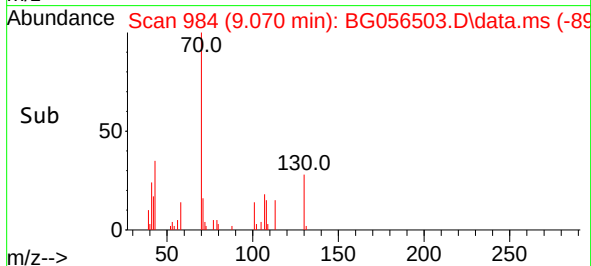
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



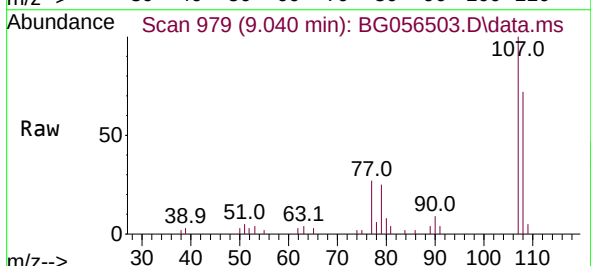
Tgt Ion: 70 Resp: 11505
Ion Ratio Lower Upper
70 100
42 16.5 20.2 30.4
101 13.7 9.1 13.7
130 28.4 21.1 31.7

Manual Integrations
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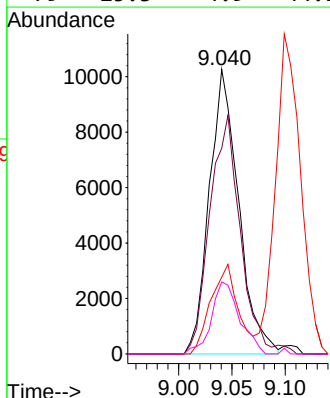
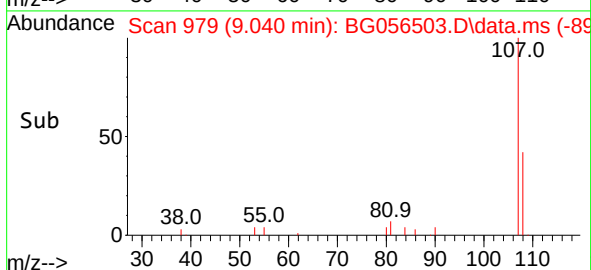
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

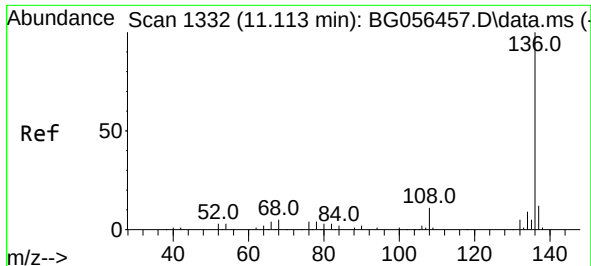


#20
3+4-Methylphenols
Concen: 7.000 ng
RT: 9.040 min Scan# 979
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



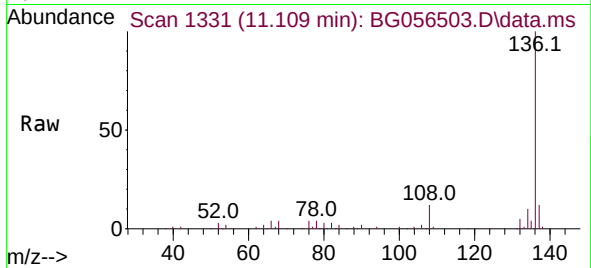
Tgt Ion:107 Resp: 19624
Ion Ratio Lower Upper
107 100
108 72.4 66.7 106.7
77 27.0 10.6 50.6
79 25.3 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.109 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

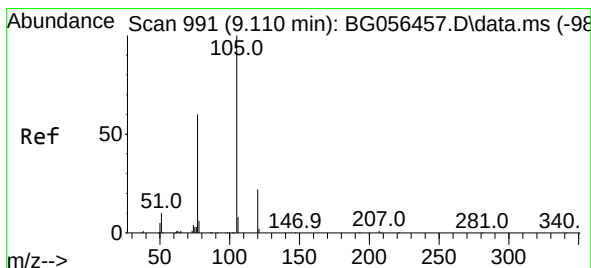
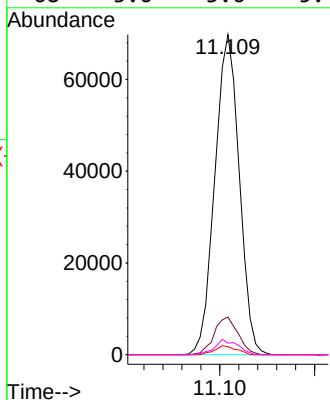
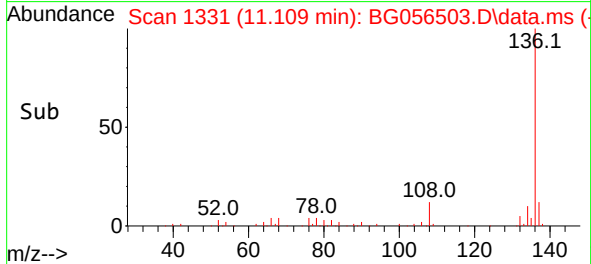
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:136 Resp: 124753
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.5 2.2 3.4
68 3.6 3.6 5.4#

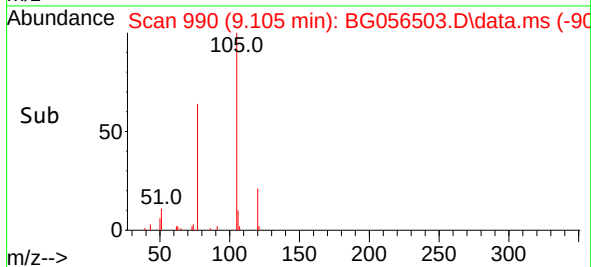
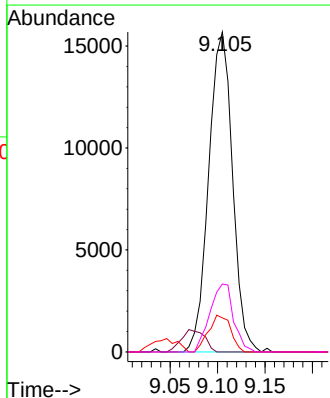
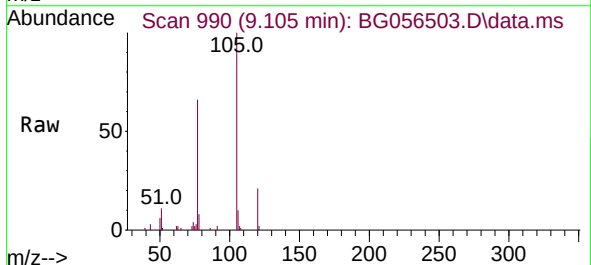
Manual Integrations
APPROVED

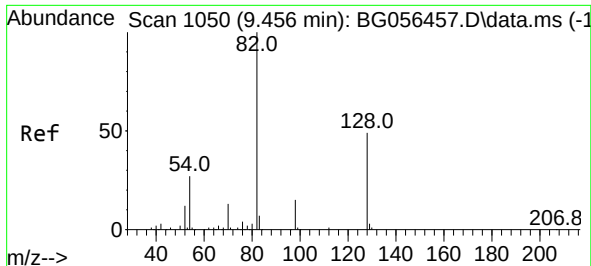
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#22
Acetophenone
Concen: 8.271 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion:105 Resp: 27417
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 10.6 9.2 13.8
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.200 ng

RT: 9.452 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056503.D

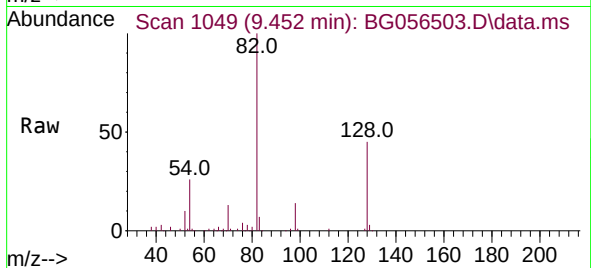
Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

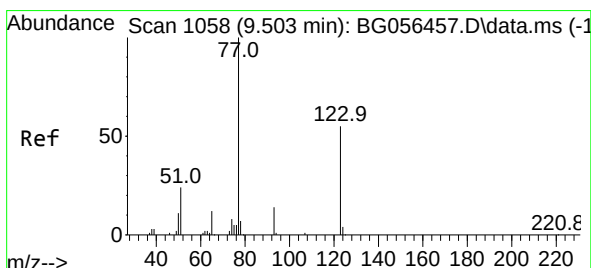
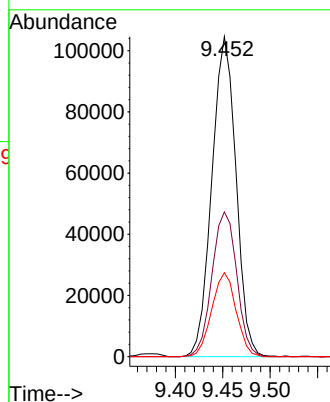
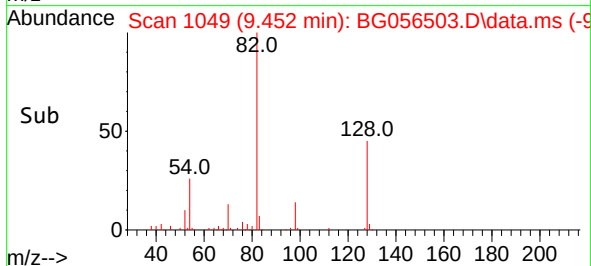


Tgt Ion:	82	Resp:	184983
Ion Ratio	Lower	Upper	
82	100		
128	45.2	39.4	59.2
54	26.2	21.4	32.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#24

Nitrobenzene

Concen: 8.411 ng

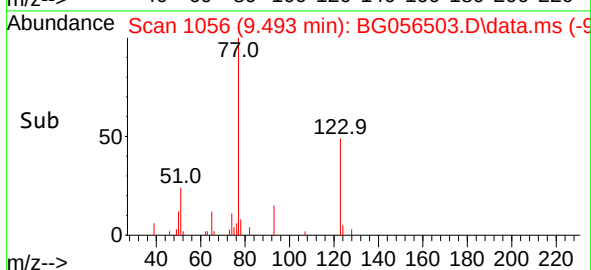
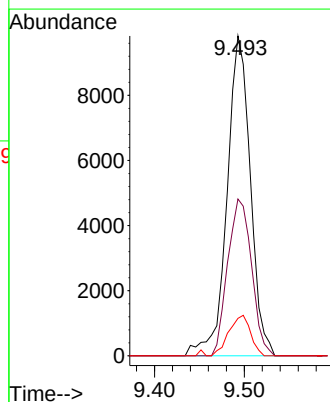
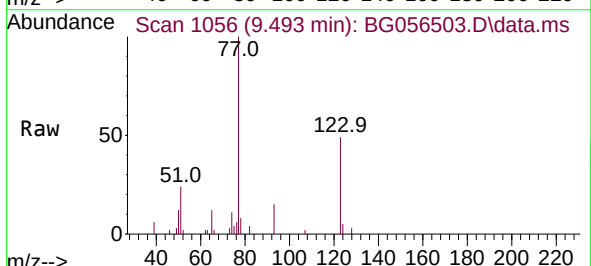
RT: 9.493 min Scan# 1056

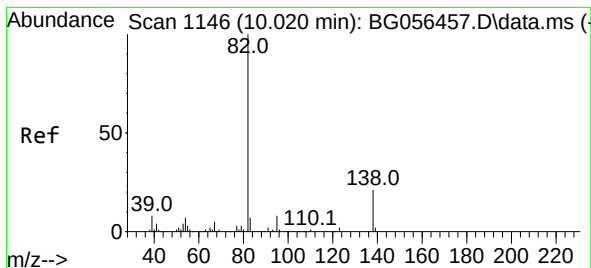
Delta R.T. -0.005 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Tgt Ion:	77	Resp:	17824
Ion Ratio	Lower	Upper	
77	100		
123	49.0	44.0	66.0
65	11.7	9.7	14.5





#25

Isophorone

Concen: 7.881 ng

RT: 10.010 min Scan# 1144

Delta R.T. -0.005 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

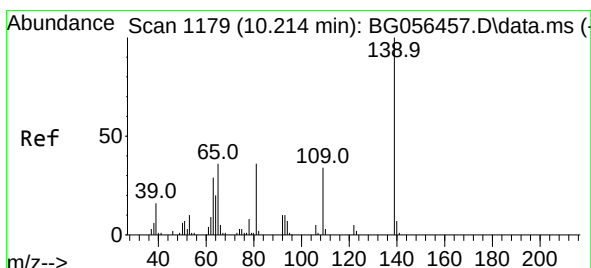
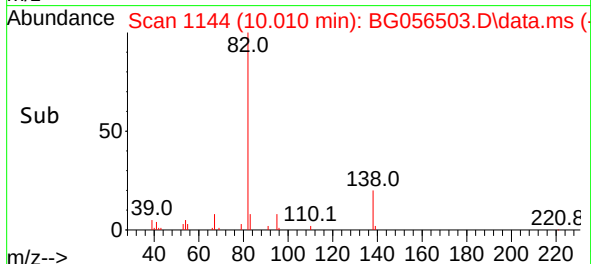
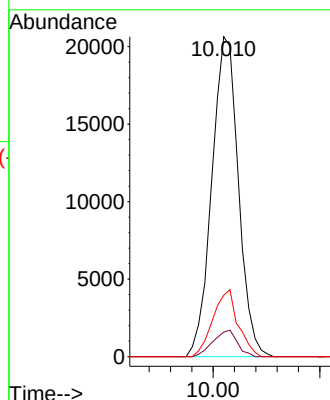
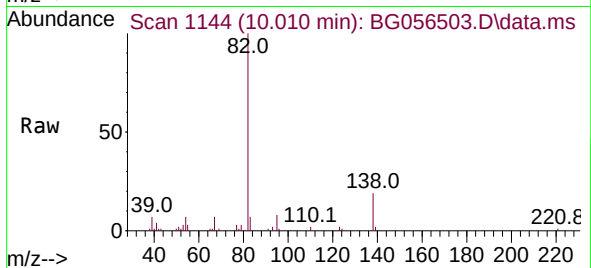
MDL-WATER-03-QT3-2022

Tgt Ion: 82	Resp: 3572
Ion Ratio	Lower Upper
82 100	
95 7.6	6.3 9.5
138 19.2	16.6 25.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#26

2-Nitrophenol

Concen: 7.819 ng

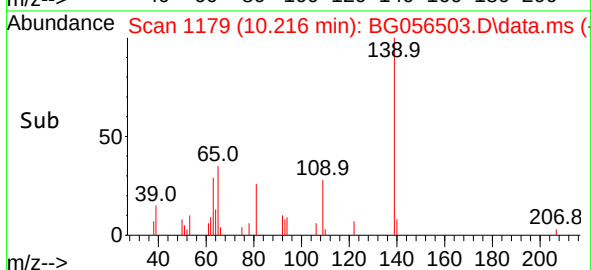
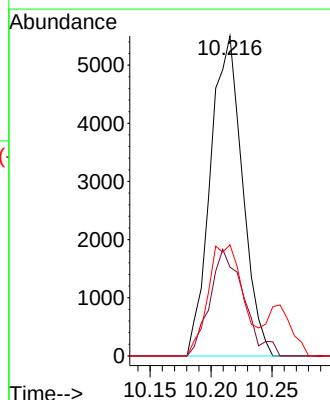
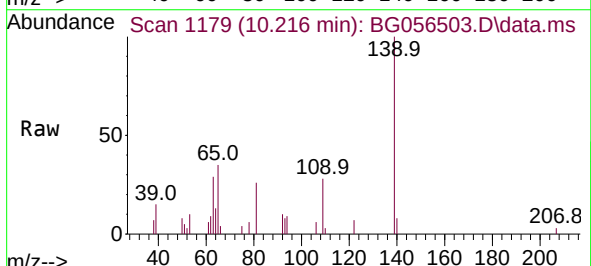
RT: 10.216 min Scan# 1179

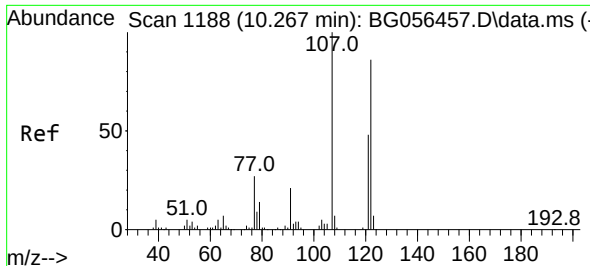
Delta R.T. 0.001 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Tgt Ion:139	Resp: 10053
Ion Ratio	Lower Upper
139 100	
109 27.7	26.9 40.3
65 34.7	29.0 43.4





#27

2,4-Dimethylphenol

Concen: 7.243 ng

RT: 10.257 min Scan# 1186

Delta R.T. 0.001 min

Lab File: BG056503.D

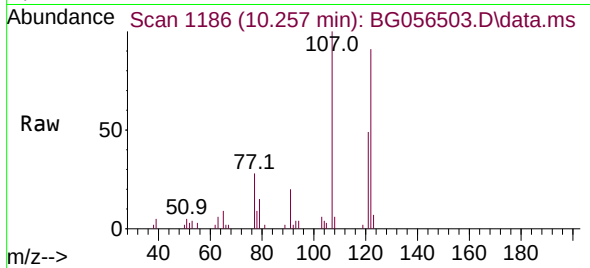
Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022



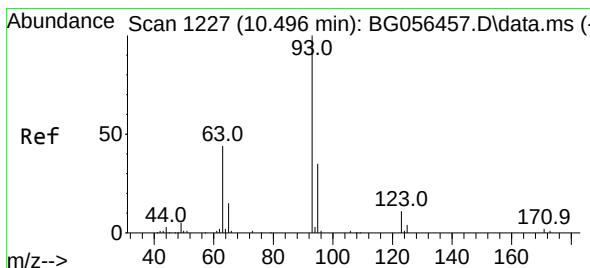
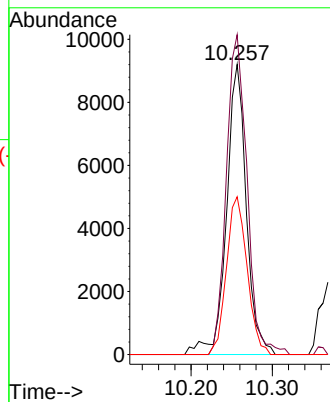
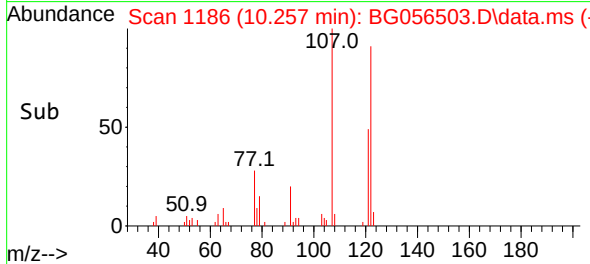
Tgt Ion:	122	Resp:	15586
Ion Ratio	Lower	Upper	
122	100		
107	110.3	92.9	139.3
121	54.4	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 8.412 ng

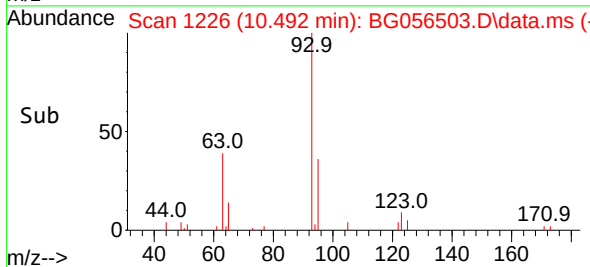
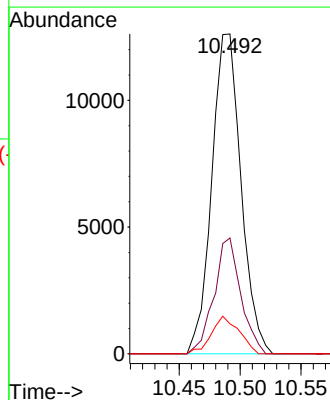
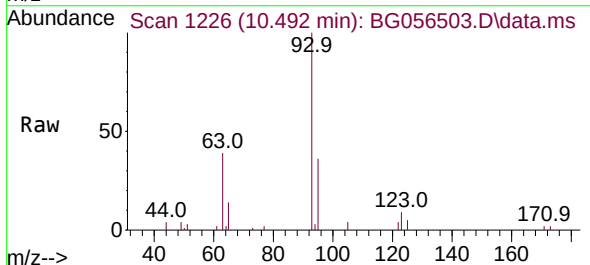
RT: 10.492 min Scan# 1226

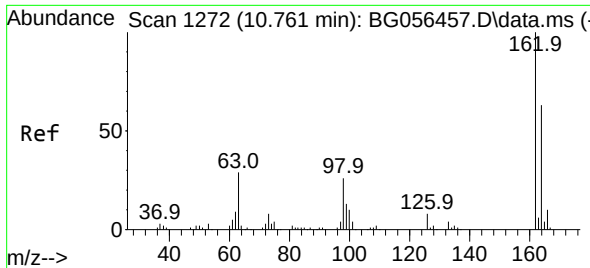
Delta R.T. 0.001 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

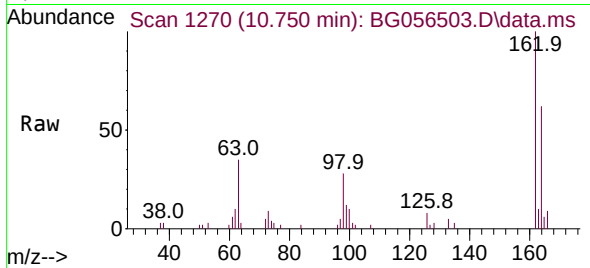
Tgt Ion:	93	Resp:	21062
Ion Ratio	Lower	Upper	
93	100		
95	36.2	27.9	41.9
123	9.4	8.6	12.8





#29
2,4-Dichlorophenol
Concen: 7.814 ng
RT: 10.750 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

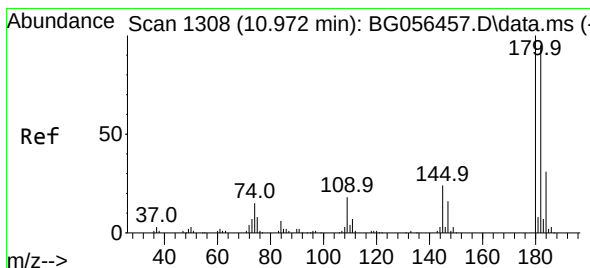
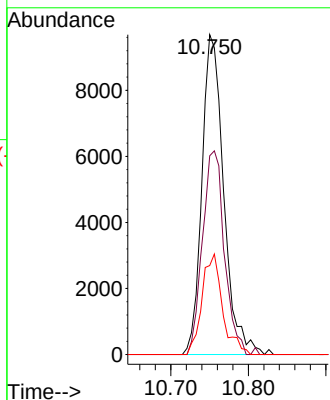
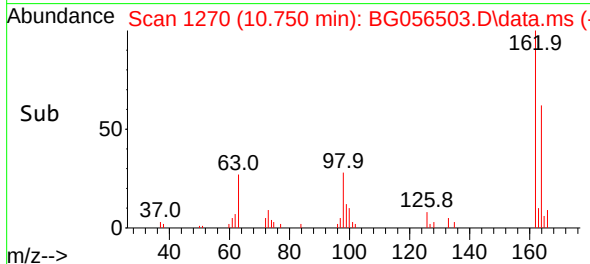
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:162 Resp: 1892
Ion Ratio Lower Upper
162 100
164 62.1 42.8 82.8
98 27.8 6.5 46.5

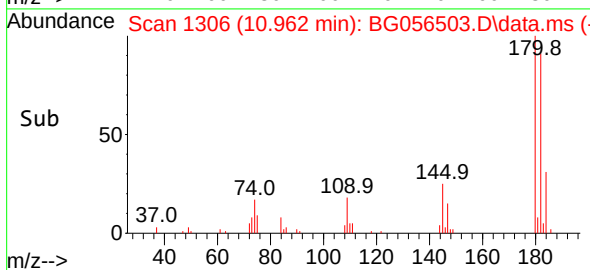
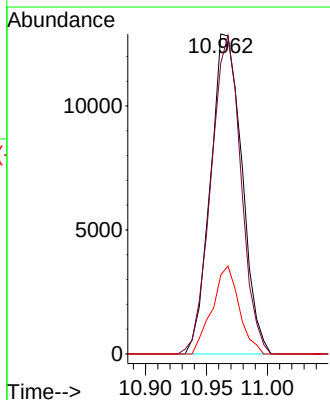
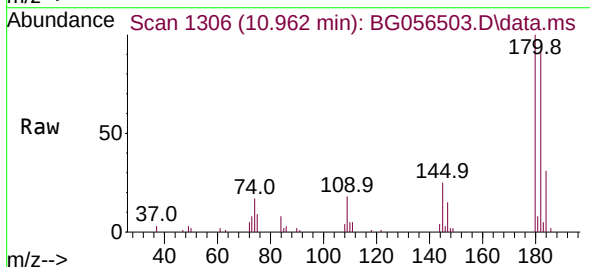
Manual Integrations
APPROVED

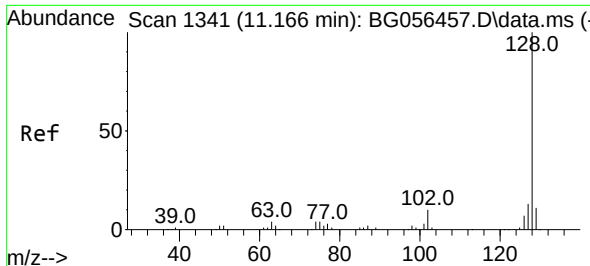
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#30
1,2,4-Trichlorobenzene
Concen: 8.585 ng
RT: 10.962 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

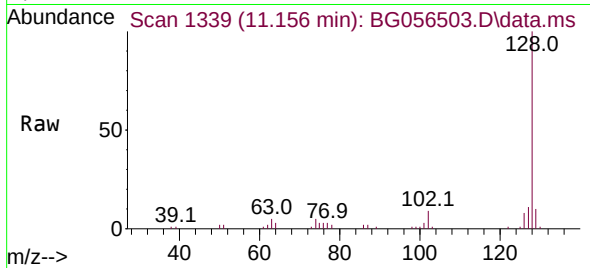
Tgt Ion:180 Resp: 23107
Ion Ratio Lower Upper
180 100
182 90.8 75.9 113.9
145 24.6 19.4 29.0





#31
Naphthalene
Concen: 8.020 ng
RT: 11.156 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

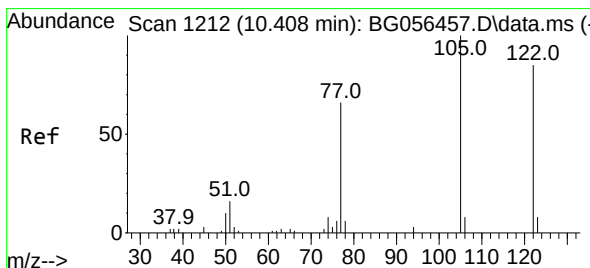
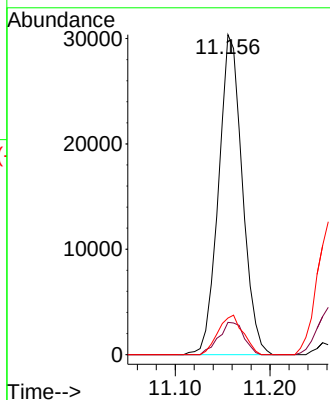
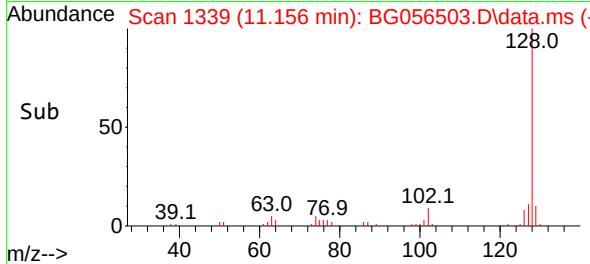
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



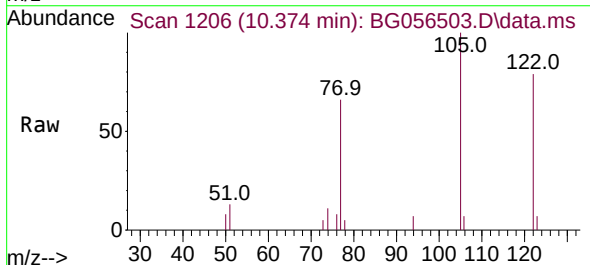
Tgt Ion:128 Resp: 52808
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 11.4 10.4 15.6

Manual Integrations
APPROVED

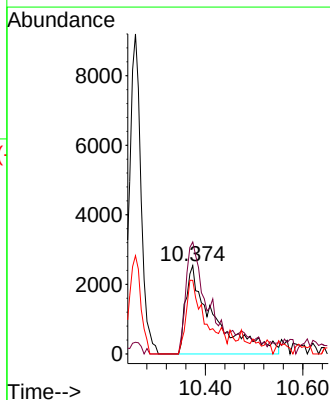
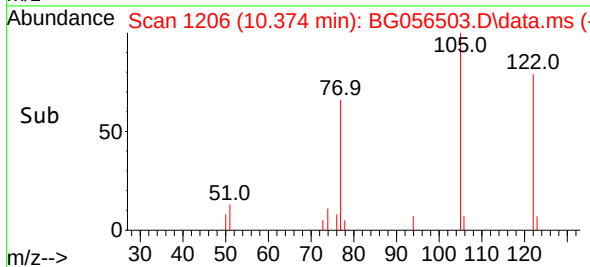
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

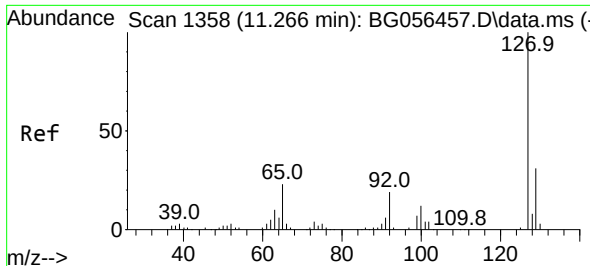


#32
Benzoic acid
Concen: 8.613 ng m
RT: 10.374 min Scan# 1206
Delta R.T. -0.028 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



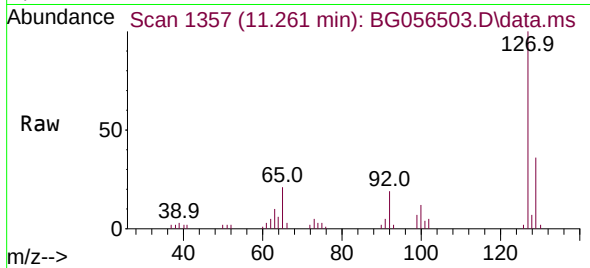
Tgt Ion:122 Resp: 10369
Ion Ratio Lower Upper
122 100
105 127.0 96.5 136.5
77 83.3 57.3 97.3





#33
4-Chloroaniline
Concen: 7.499 ng
RT: 11.261 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

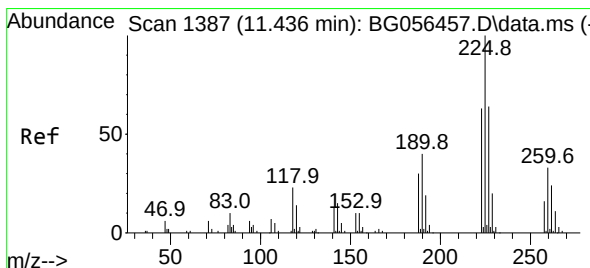
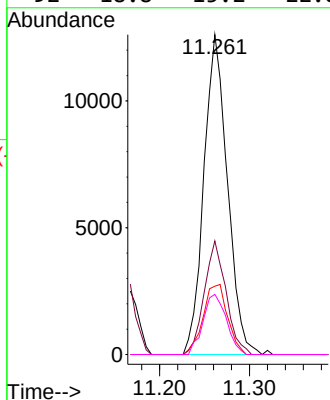
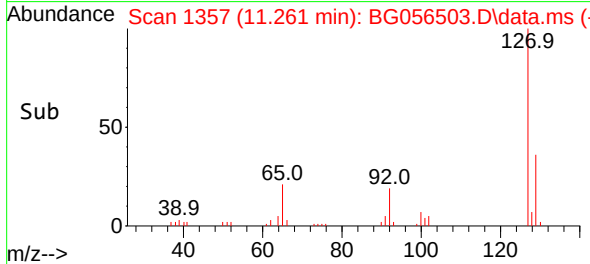
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



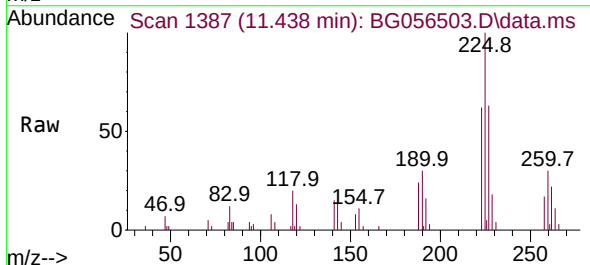
Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.5	25.0	37.6
65	21.4	18.5	27.7
92	18.8	15.2	22.8

Manual Integrations
APPROVED

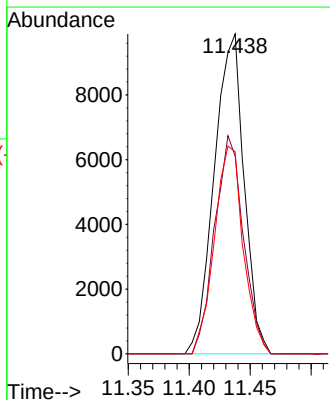
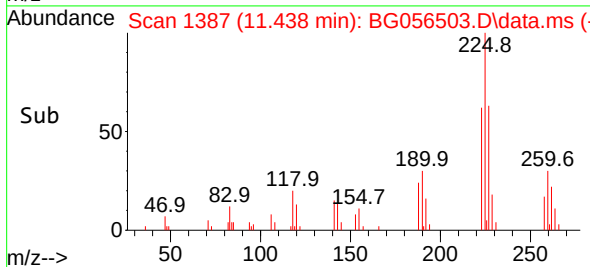
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

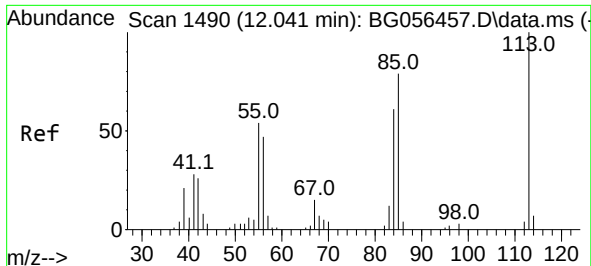


#34
Hexachlorobutadiene
Concen: 8.908 ng
RT: 11.438 min Scan# 1387
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



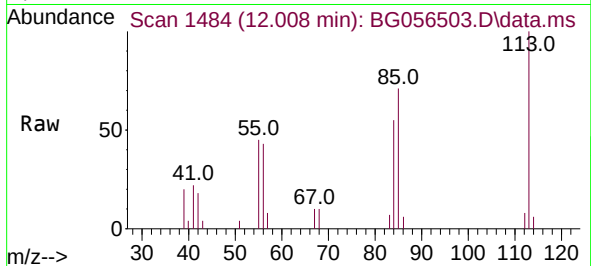
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	50.6	75.8
227	60.1	53.7	80.5





#35
Caprolactam
Concen: 7.796 ng
RT: 12.008 min Scan# 1490
Delta R.T. -0.022 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

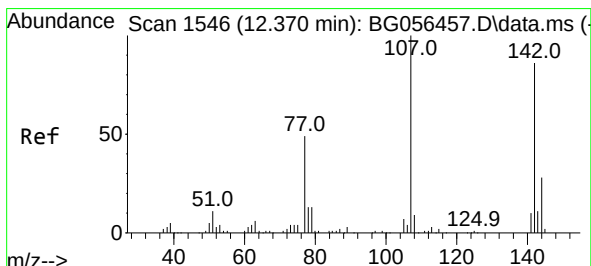
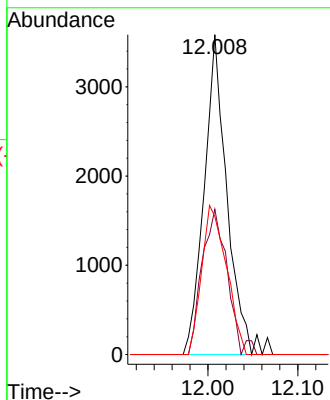
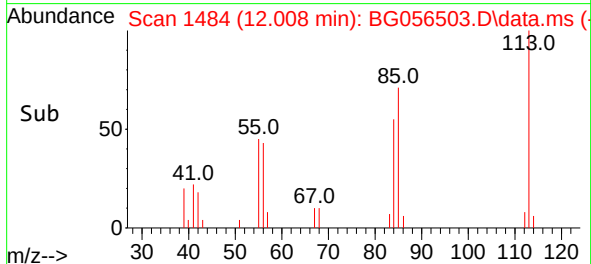
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



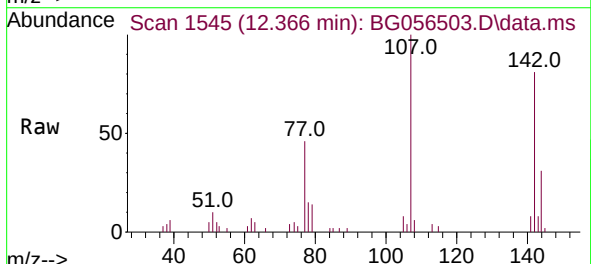
Tgt Ion:113 Resp: 6368
Ion Ratio Lower Upper
113 100
55 45.4 33.7 73.7
56 43.2 27.1 67.1

Manual Integrations
APPROVED

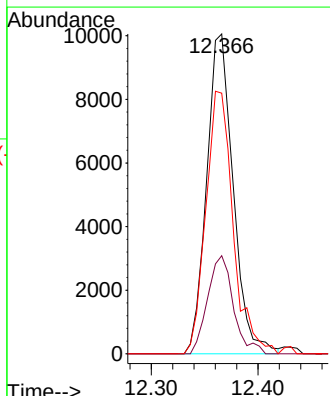
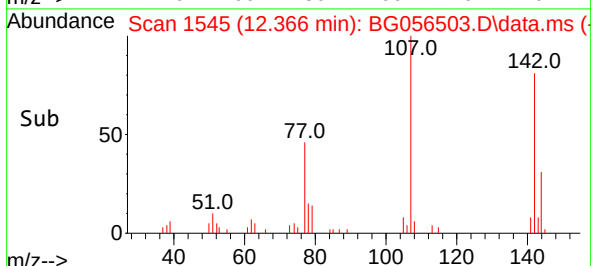
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

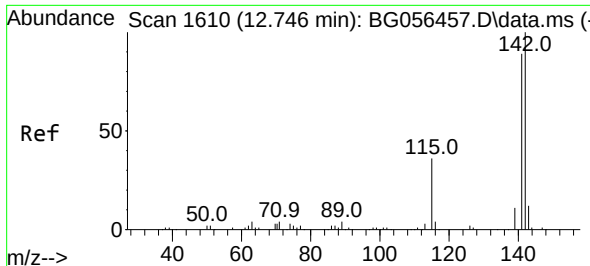


#36
4-Chloro-3-methylphenol
Concen: 7.458 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



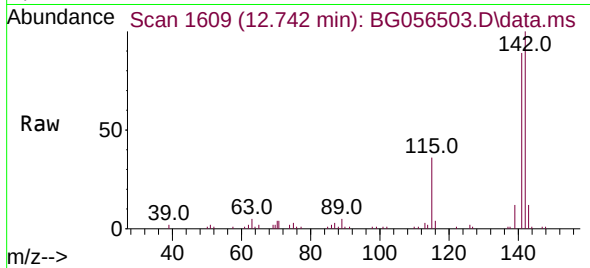
Tgt Ion:107 Resp: 17445
Ion Ratio Lower Upper
107 100
144 30.7 22.3 33.5
142 81.5 68.9 103.3





#37
2-Methylnaphthalene
Concen: 7.941 ng
RT: 12.742 min Scan# 1609
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

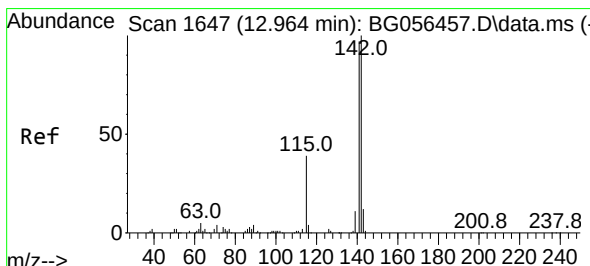
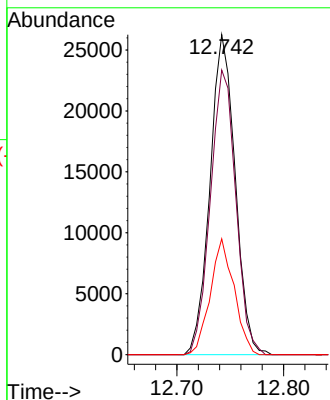
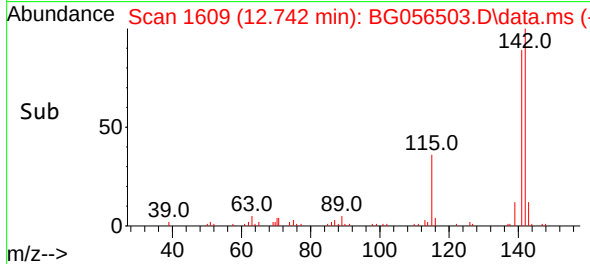
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:142 Resp: 43105
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0
115 36.2 28.4 42.6

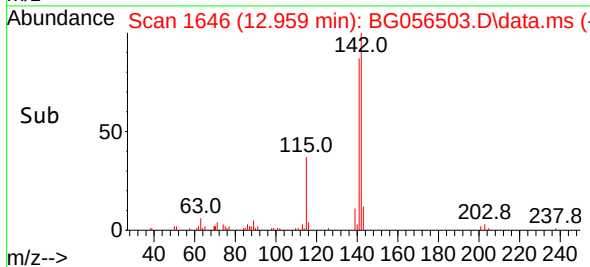
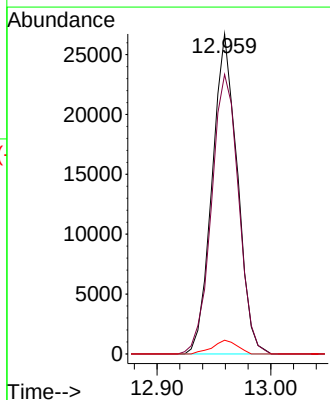
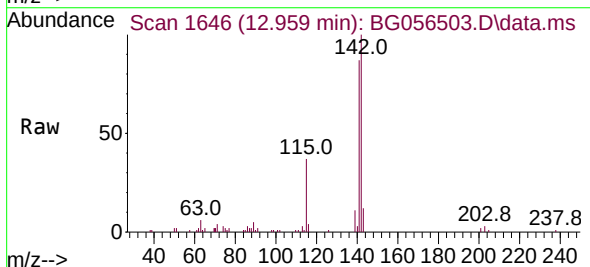
Manual Integrations
APPROVED

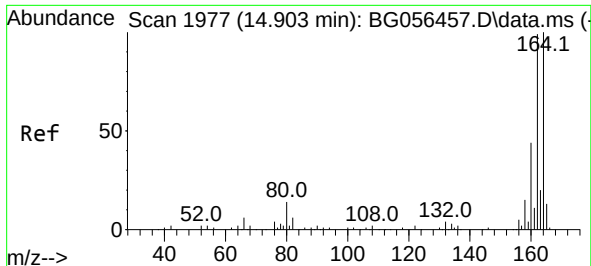
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#38
1-Methylnaphthalene
Concen: 8.105 ng
RT: 12.959 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

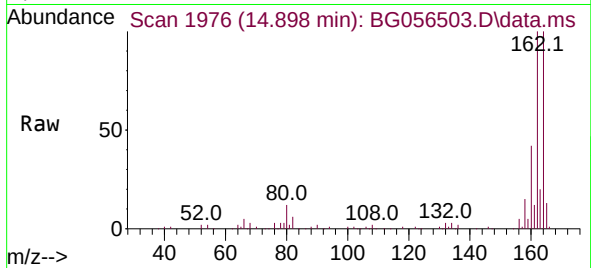
Tgt Ion:142 Resp: 41092
Ion Ratio Lower Upper
142 100
141 87.3 77.7 116.5
116 4.3 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

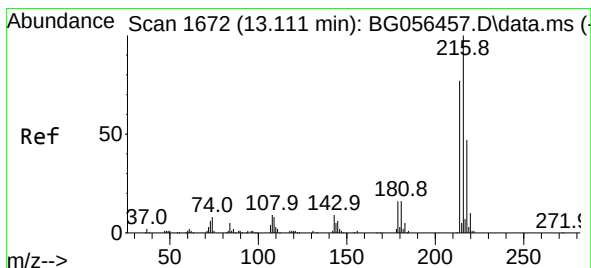
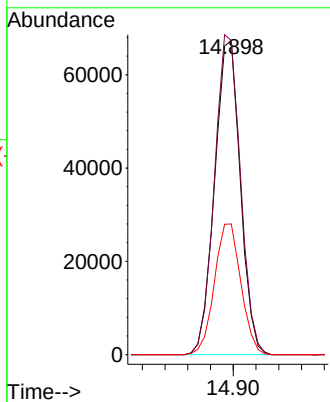
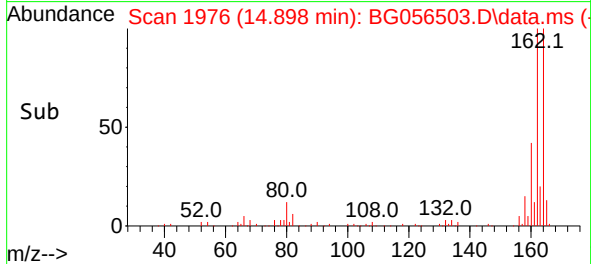
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



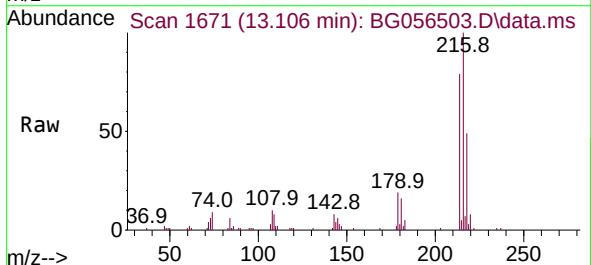
Tgt Ion:164 Resp: 105475
Ion Ratio Lower Upper
164 100
162 100.1 79.6 119.4
160 41.7 34.9 52.3

Manual Integrations
APPROVED

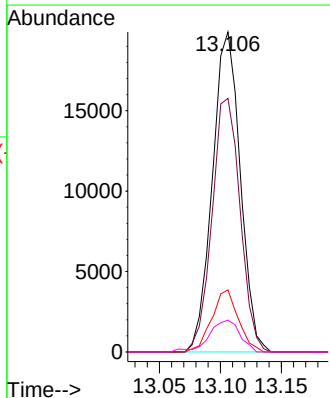
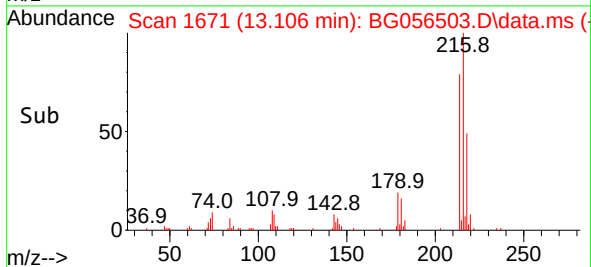
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

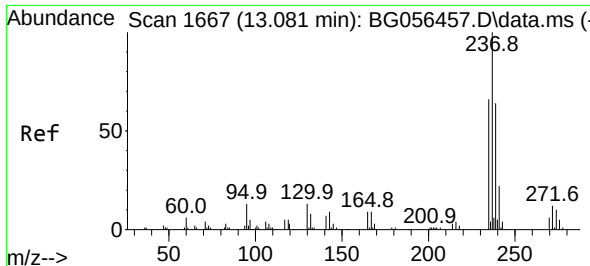


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.193 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



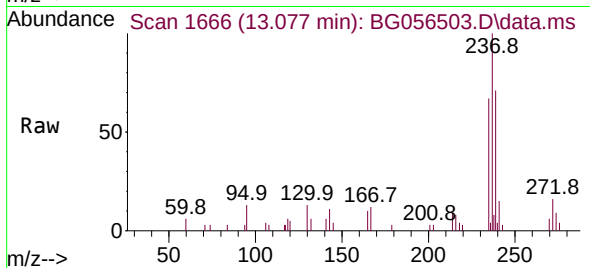
Tgt Ion:216 Resp: 31569
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.6
179 18.5 14.1 21.1
108 10.9 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 10.489 ng
RT: 13.077 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

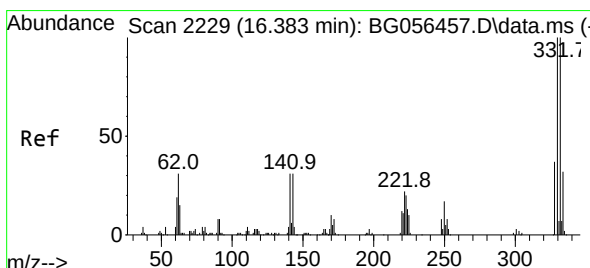
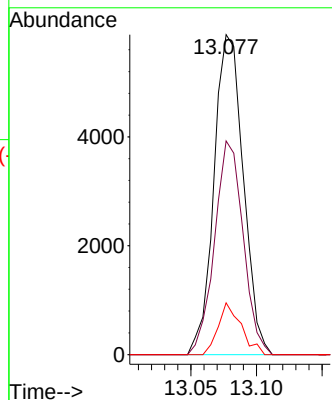
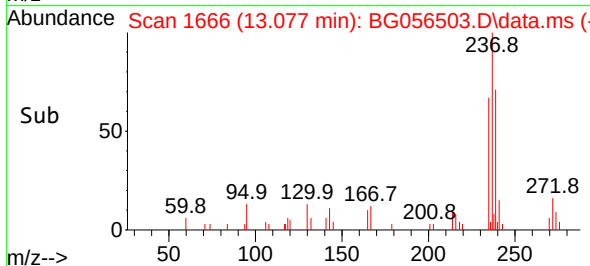
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



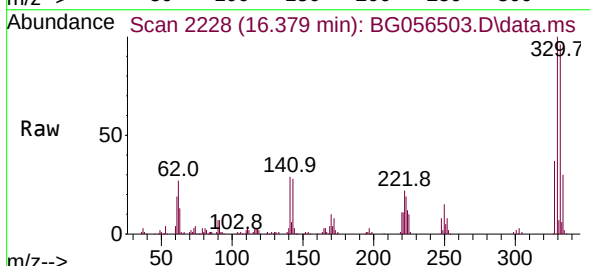
Tgt Ion:237 Resp: 9138
Ion Ratio Lower Upper
237 100
235 66.8 45.6 85.6
272 16.2 0.0 32.3

Manual Integrations
APPROVED

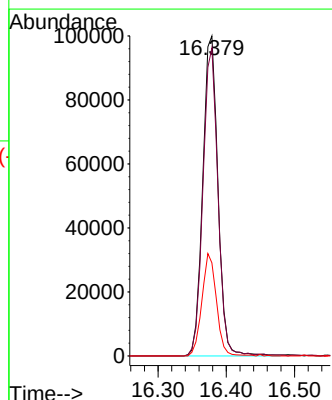
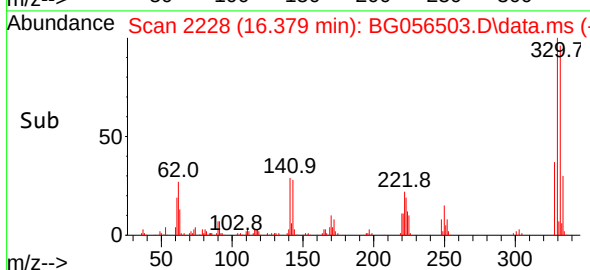
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

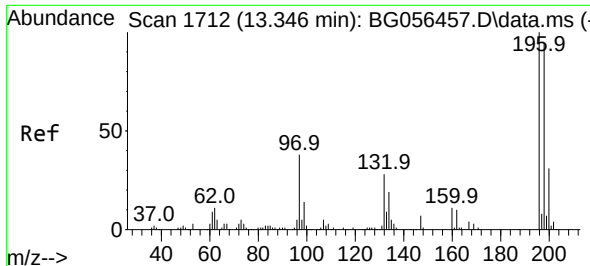


#42
2,4,6-Tribromophenol
Concen: 110.375 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



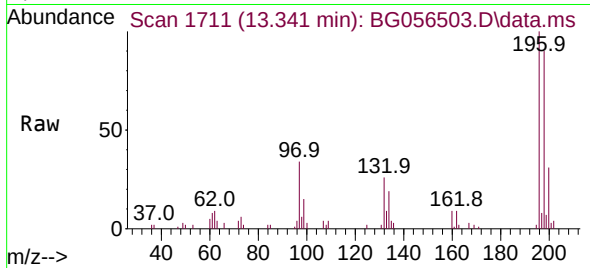
Tgt Ion:330 Resp: 154771
Ion Ratio Lower Upper
330 100
332 94.8 79.0 118.6
141 30.5 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 7.490 ng
RT: 13.341 min Scan# 1711
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

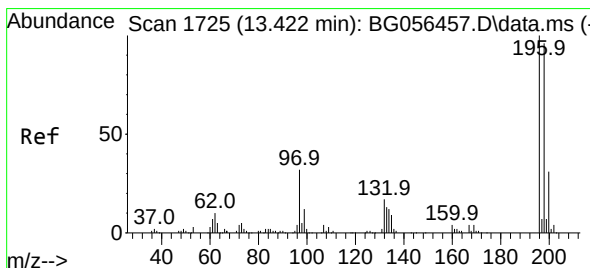
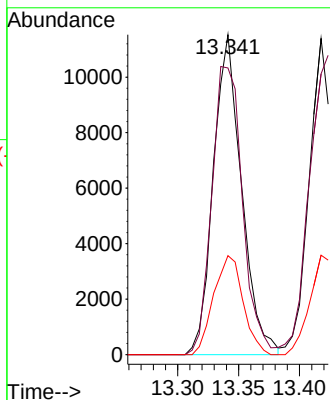
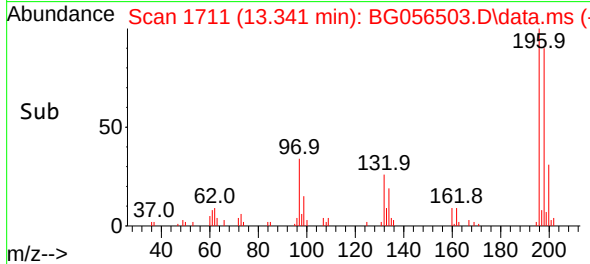
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



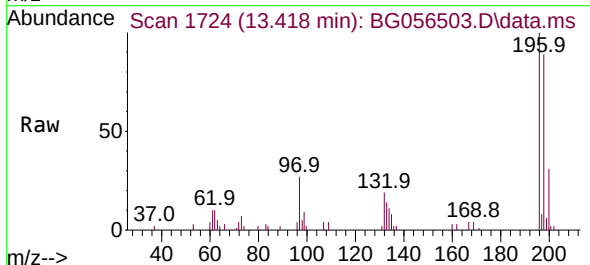
Tgt Ion:196 Resp: 18598
Ion Ratio Lower Upper
196 100
198 89.6 75.4 113.0
200 30.9 25.0 37.6

Manual Integrations
APPROVED

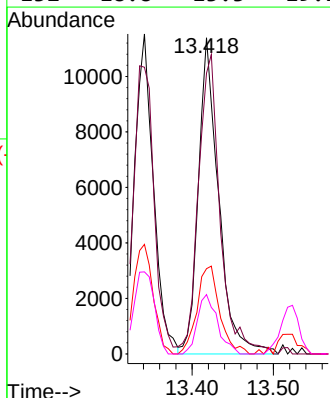
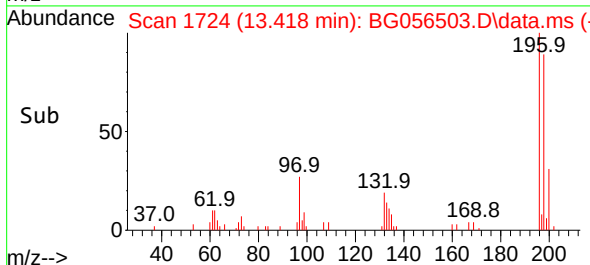
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

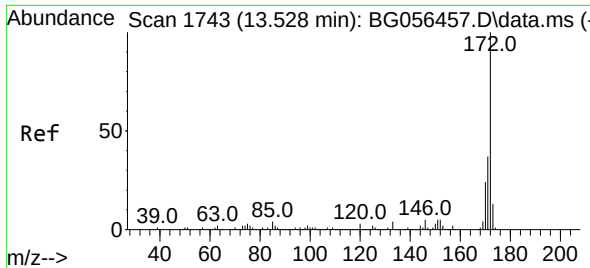


#44
2,4,5-Trichlorophenol
Concen: 6.799 ng
RT: 13.418 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



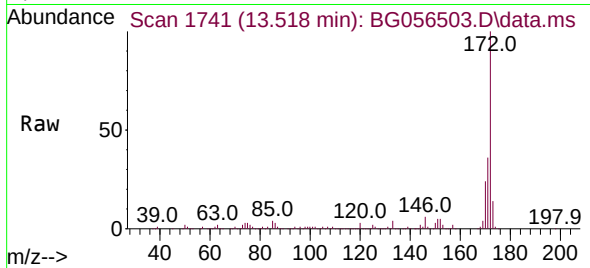
Tgt Ion:196 Resp: 19768
Ion Ratio Lower Upper
196 100
198 88.8 76.9 115.3
97 27.0 25.8 38.6
132 18.8 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 83.093 ng
RT: 13.518 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

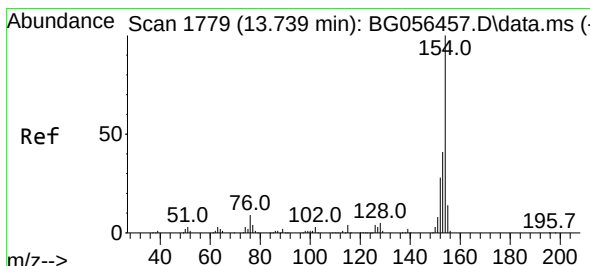
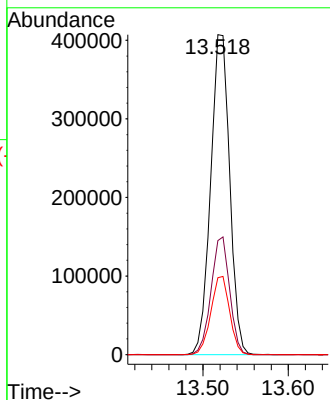
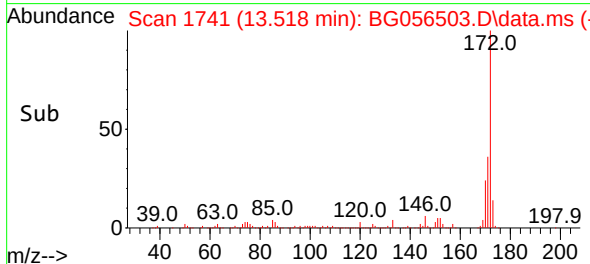
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



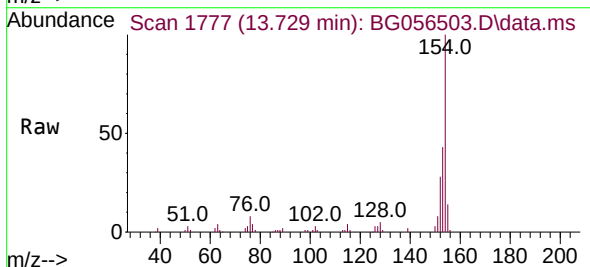
Tgt Ion:172 Resp: 632149
Ion Ratio Lower Upper
172 100
171 35.6 29.5 44.3
170 24.0 19.2 28.8

Manual Integrations
APPROVED

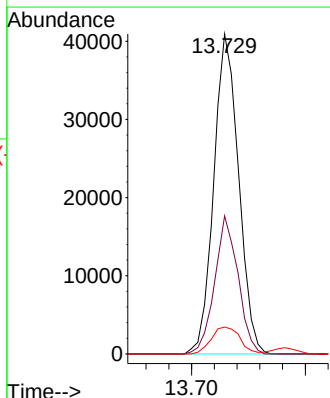
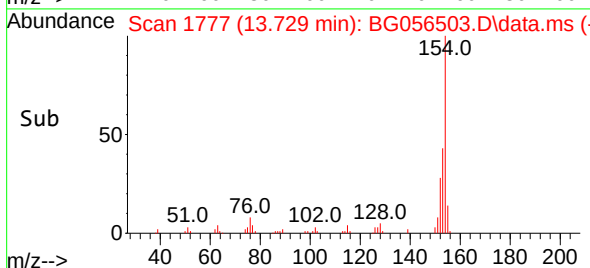
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

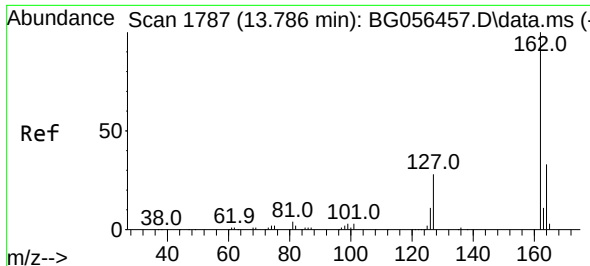


#46
1,1'-Biphenyl
Concen: 8.098 ng
RT: 13.729 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



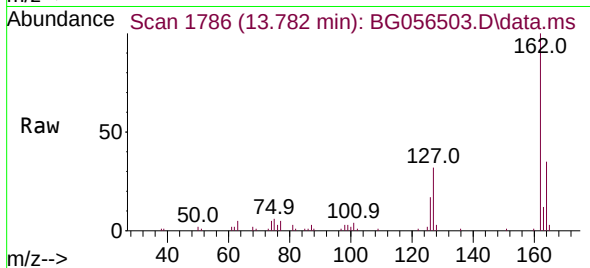
Tgt Ion:154 Resp: 61954
Ion Ratio Lower Upper
154 100
153 43.1 21.5 61.5
76 8.4 0.0 28.8





#47
2-Chloronaphthalene
Concen: 8.294 ng
RT: 13.782 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

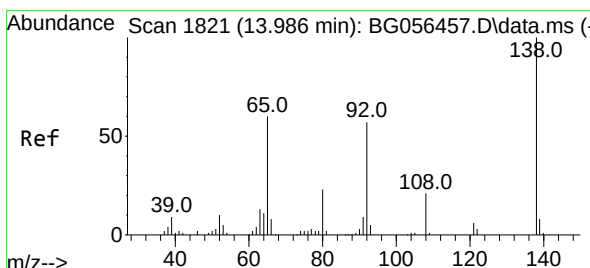
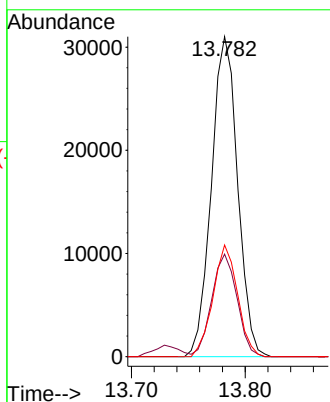
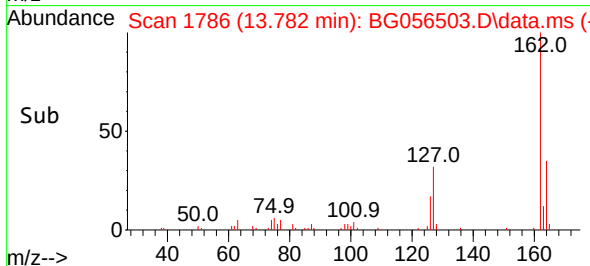
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:162 Resp: 49594
Ion Ratio Lower Upper
162 100
127 32.0 25.2 37.8
164 34.9 26.2 39.2

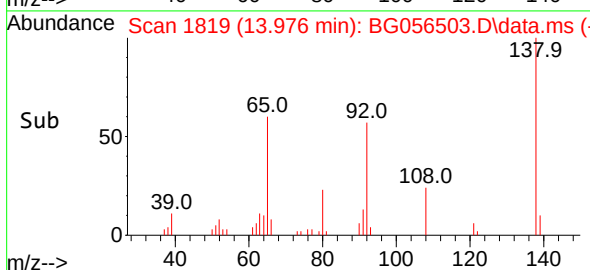
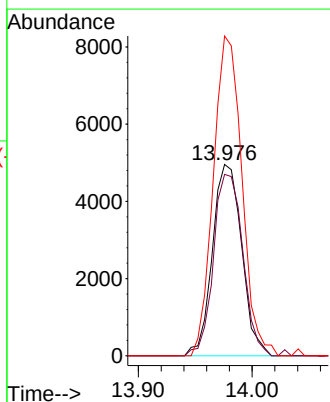
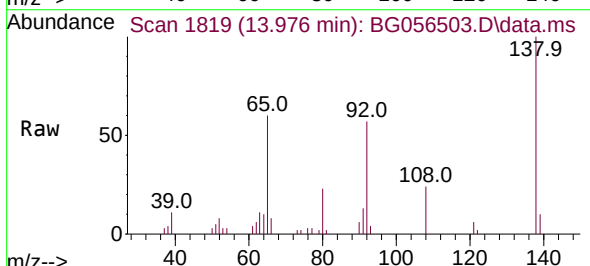
Manual Integrations
APPROVED

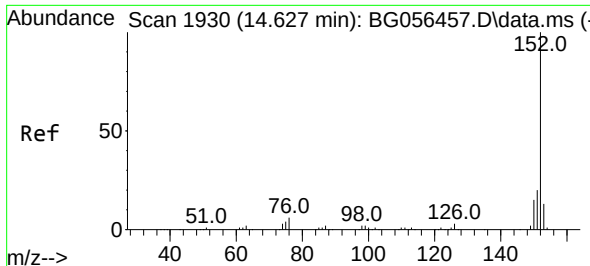
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#48
2-Nitroaniline
Concen: 7.156 ng
RT: 13.976 min Scan# 1819
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

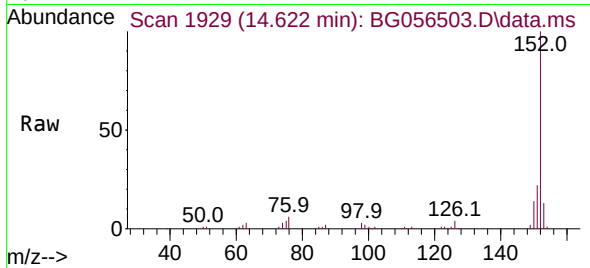
Tgt Ion: 65 Resp: 8846
Ion Ratio Lower Upper
65 100
92 94.8 75.8 113.6
138 167.1 133.2 199.8





#49
Acenaphthylene
Concen: 7.680 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

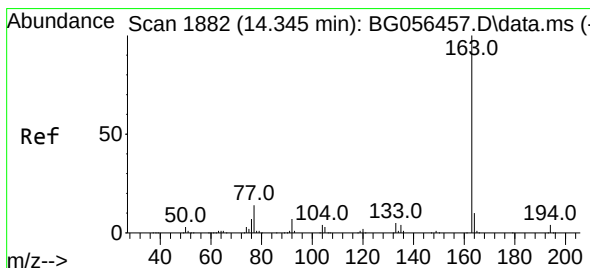
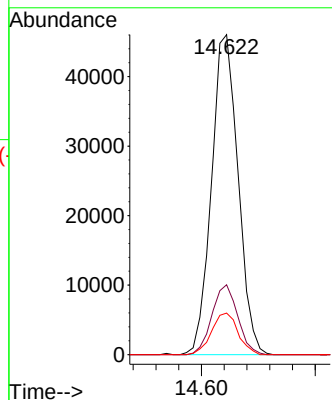
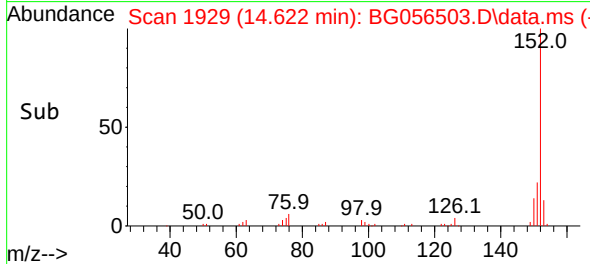
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



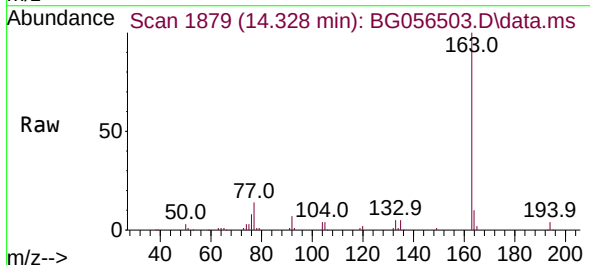
Tgt Ion:152 Resp: 74714
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 13.0 10.5 15.7

Manual Integrations
APPROVED

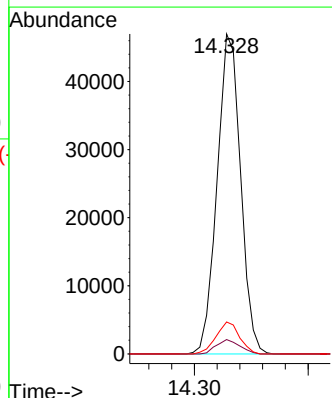
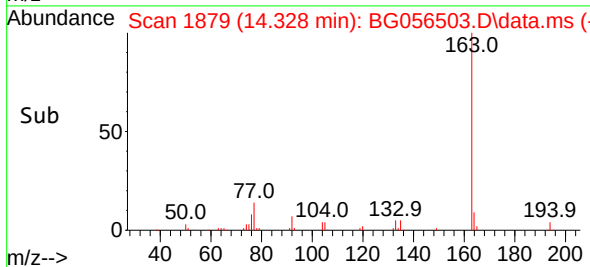
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

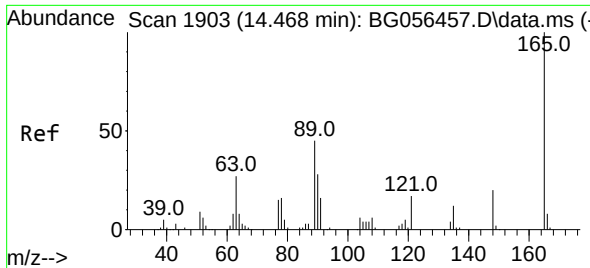


#50
Dimethylphthalate
Concen: 7.878 ng
RT: 14.328 min Scan# 1879
Delta R.T. -0.011 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



Tgt Ion:163 Resp: 67222
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.0 8.1 12.1





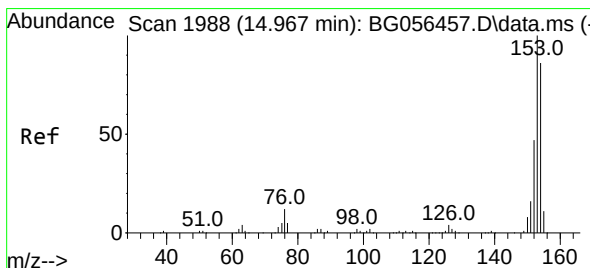
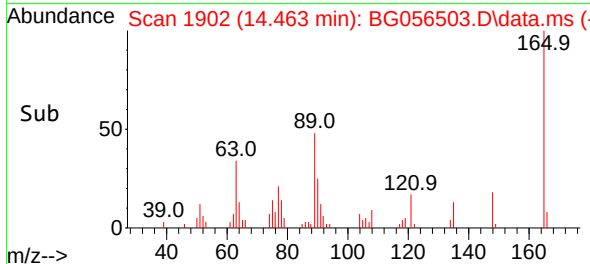
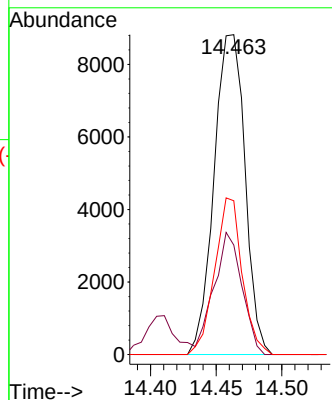
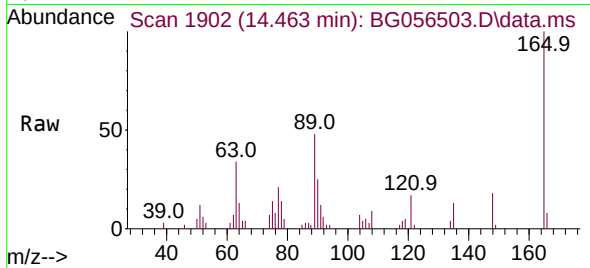
#51
2,6-Dinitrotoluene
Concen: 7.784 ng
RT: 14.463 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:165 Resp: 14485
Ion Ratio Lower Upper
165 100
63 34.2 26.9 40.3
89 48.1 35.6 53.4

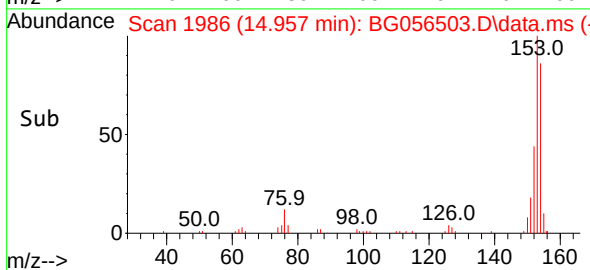
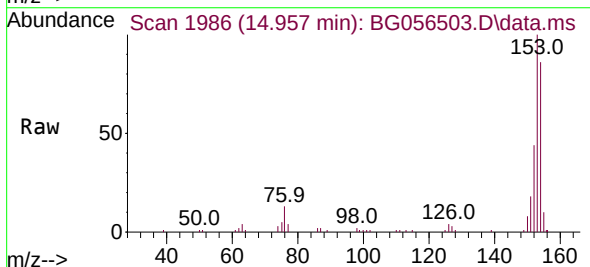
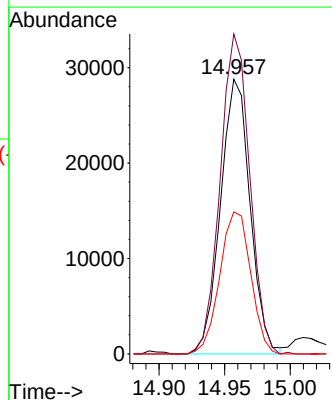
Manual Integrations
APPROVED

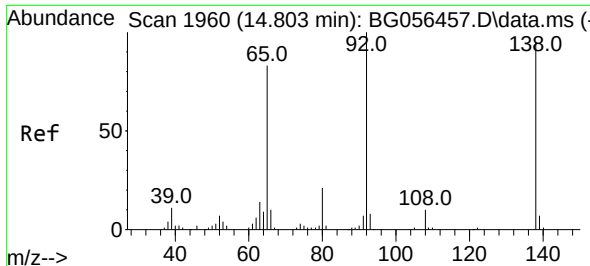
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#52
Acenaphthene
Concen: 7.835 ng
RT: 14.957 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

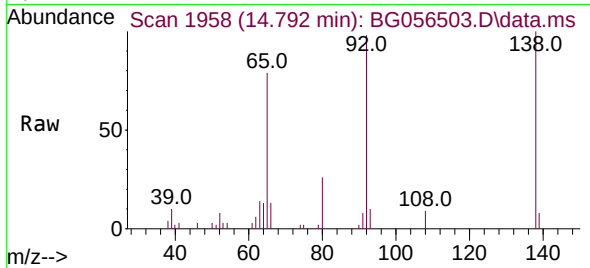
Tgt Ion:154 Resp: 45204
Ion Ratio Lower Upper
154 100
153 116.5 93.4 140.0
152 51.7 43.4 65.2





#53
3-Nitroaniline
Concen: 7.425 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

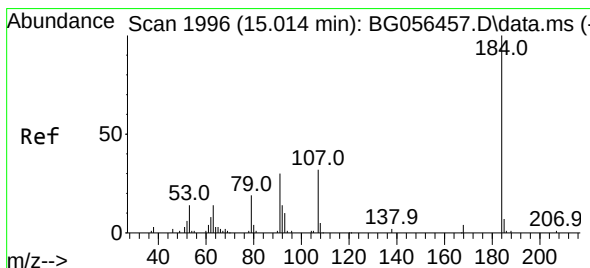
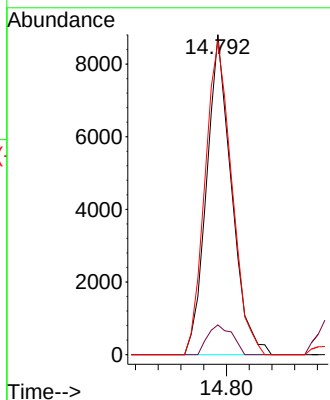
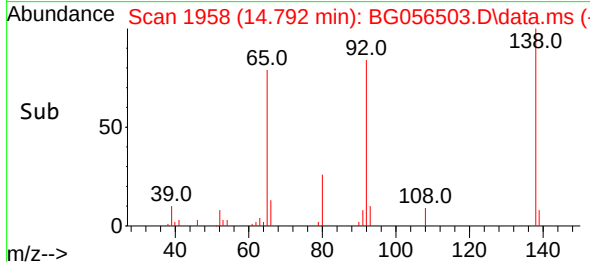
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



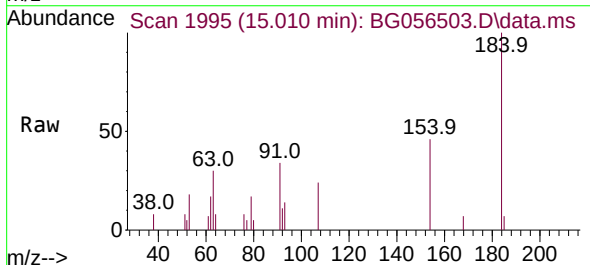
Tgt Ion:138 Resp: 13396
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 97.5 84.1 126.1

Manual Integrations
APPROVED

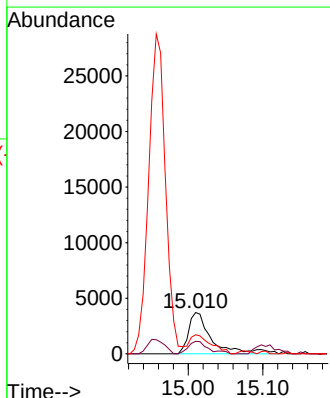
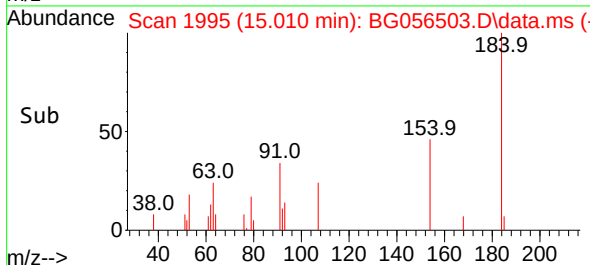
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

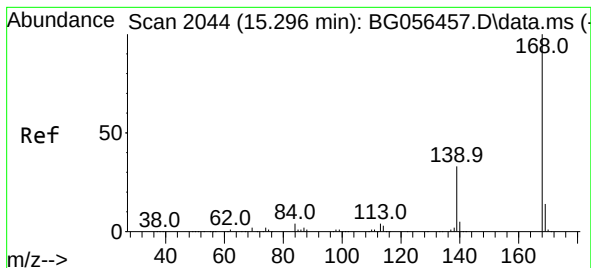


#54
2,4-Dinitrophenol
Concen: 6.835 ng m
RT: 15.010 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



Tgt Ion:184 Resp: 7974
Ion Ratio Lower Upper
184 100
63 30.4 25.1 37.7
154 46.3 44.8 67.2





#55

Dibenzofuran

Concen: 8.056 ng

RT: 15.286 min Scan# 2044

Delta R.T. -0.005 min

Lab File: BG056503.D

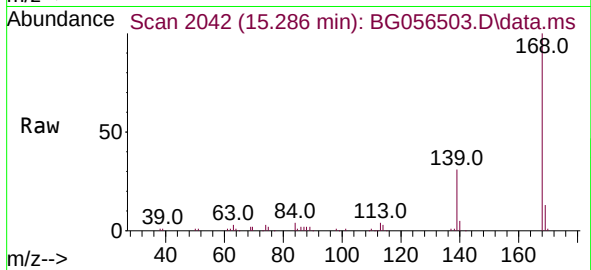
Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022



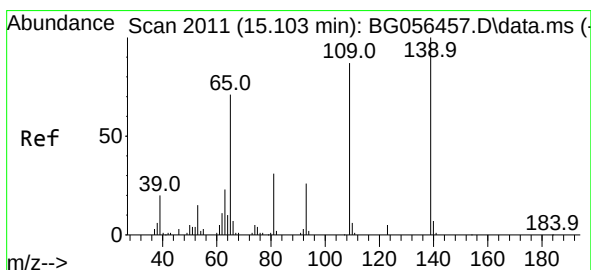
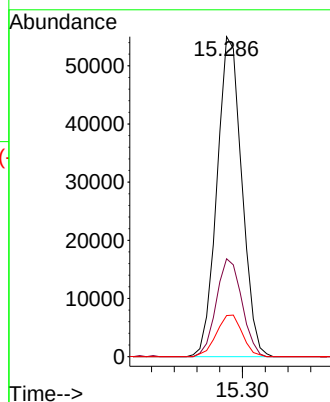
Tgt Ion:168 Resp: 8335

Ion	Ratio	Lower	Upper
168	100		
139	30.6	26.2	39.2
169	12.8	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#56

4-Nitrophenol

Concen: 6.123 ng

RT: 15.098 min Scan# 2010

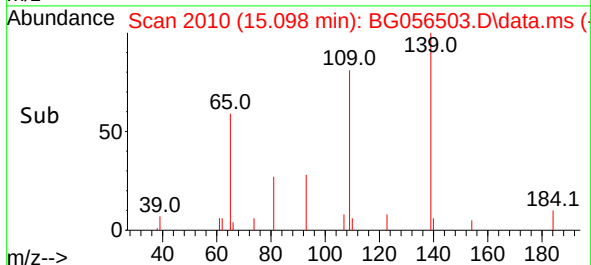
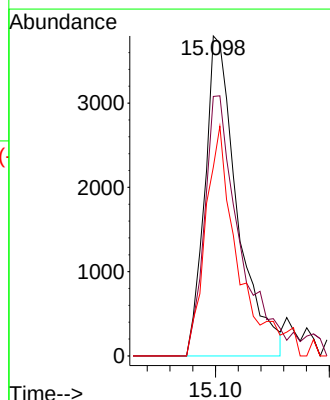
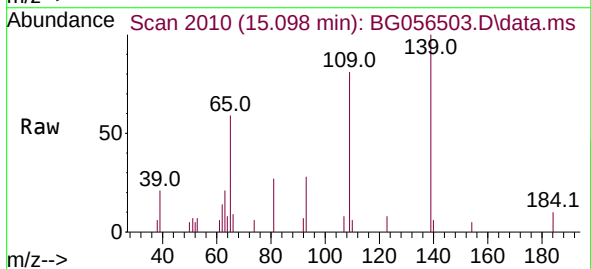
Delta R.T. 0.001 min

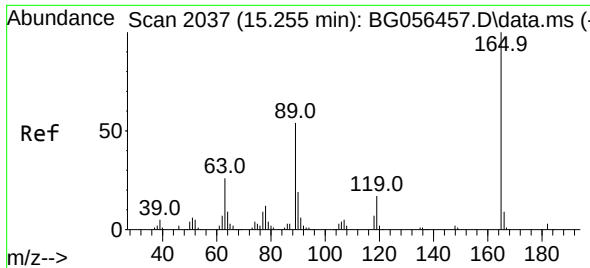
Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Tgt Ion:139 Resp: 7548

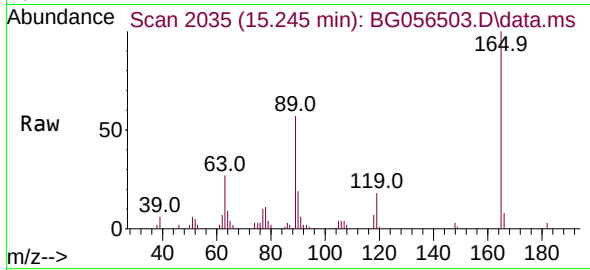
Ion	Ratio	Lower	Upper
139	100		
109	81.1	67.5	107.5
65	59.0	50.7	90.7





#57
2,4-Dinitrotoluene
Concen: 7.253 ng
RT: 15.245 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

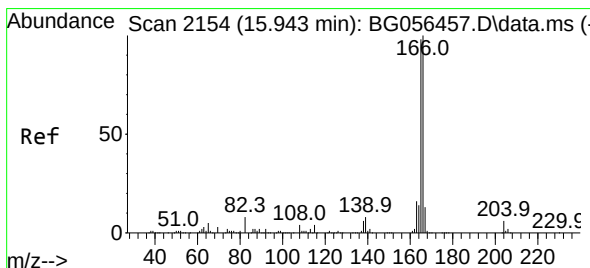
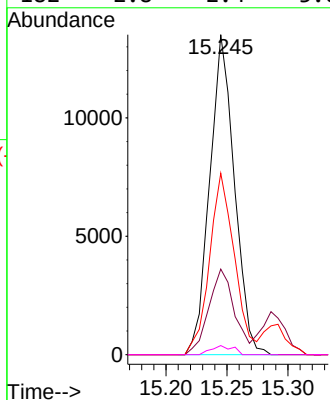
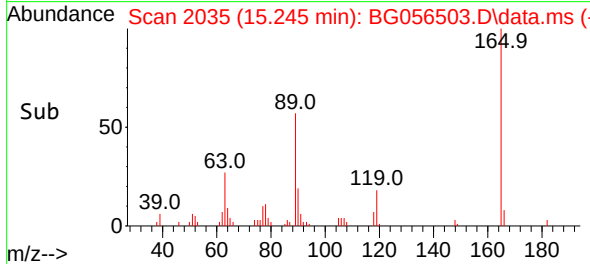
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



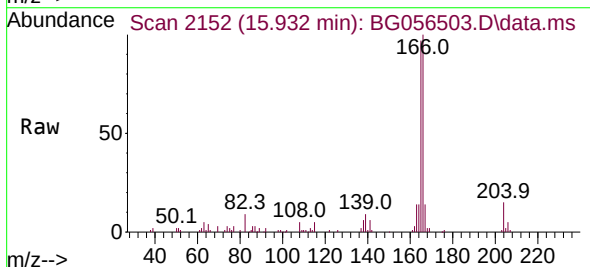
Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.7	20.6	31.0
89	56.7	43.1	64.7
182	2.8	2.4	3.6

Manual Integrations
APPROVED

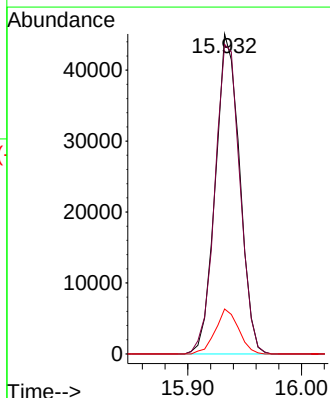
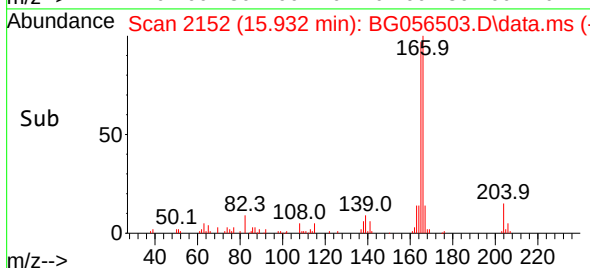
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

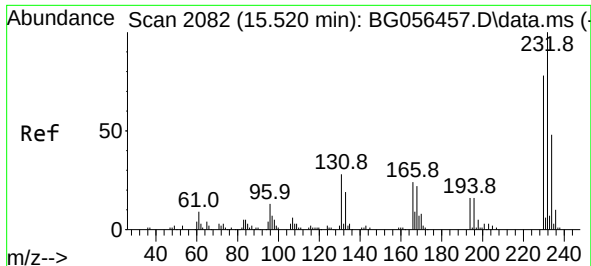


#58
Fluorene
Concen: 8.104 ng
RT: 15.932 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



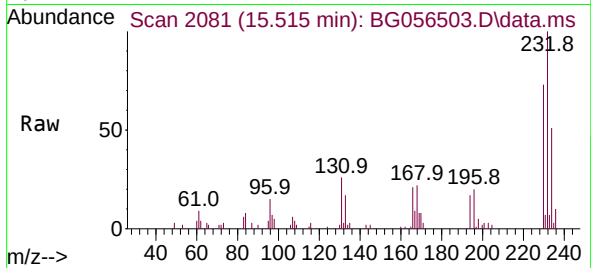
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.8	118.2
167	14.0	10.6	15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.509 ng
RT: 15.515 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

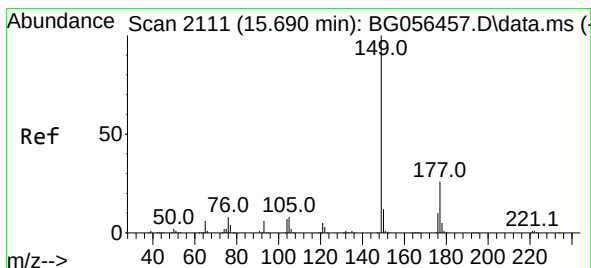
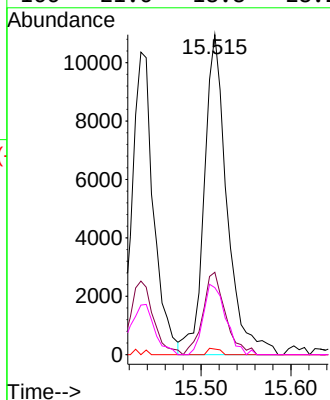
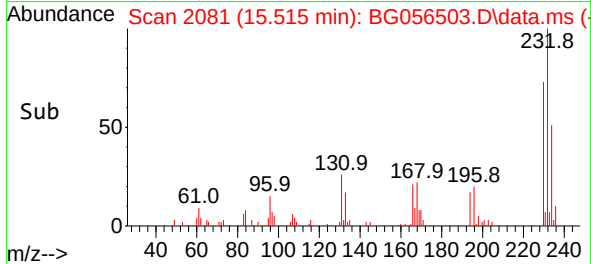
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:232 Resp: 19412
Ion Ratio Lower Upper
232 100
131 25.4 22.8 34.2
130 1.0 1.4 2.0
166 21.6 18.8 28.2

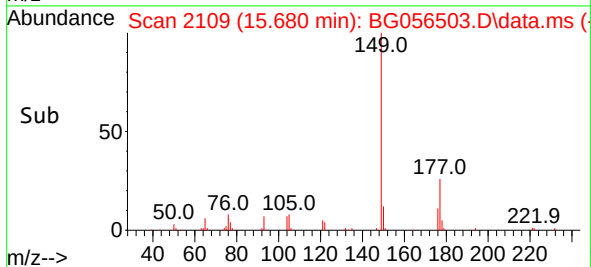
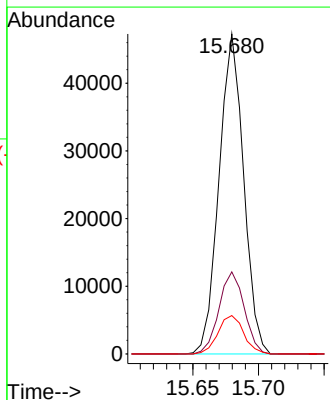
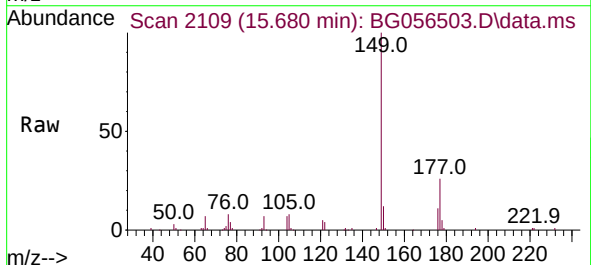
Manual Integrations
APPROVED

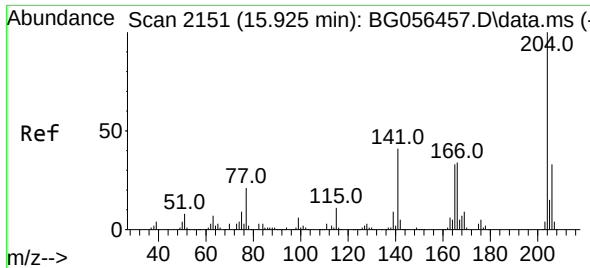
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#60
Diethylphthalate
Concen: 7.693 ng
RT: 15.680 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

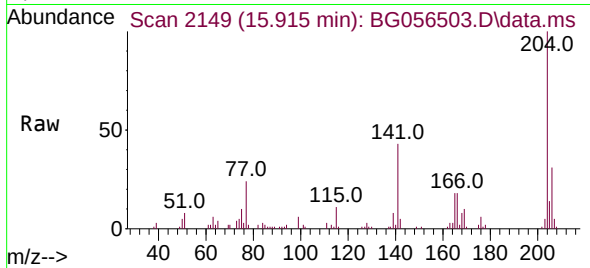
Tgt Ion:149 Resp: 61644
Ion Ratio Lower Upper
149 100
177 25.6 21.0 31.4
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 8.000 ng
RT: 15.915 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

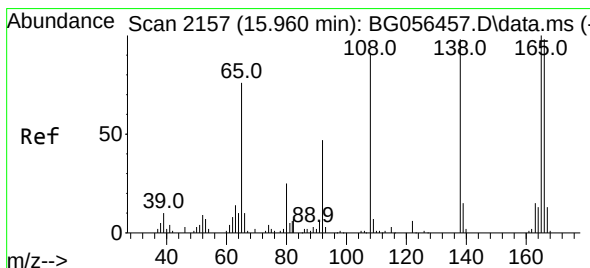
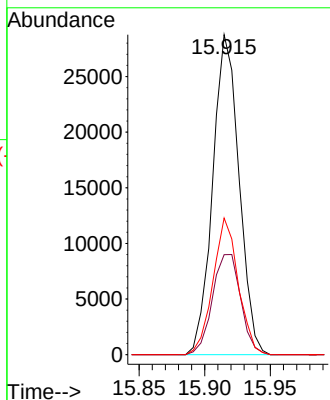
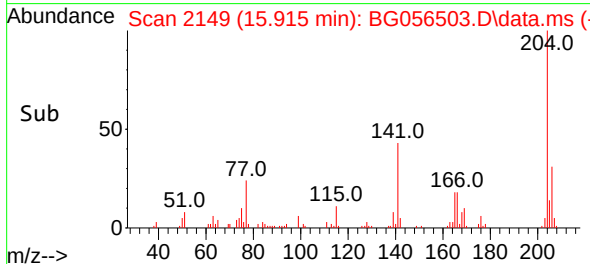
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



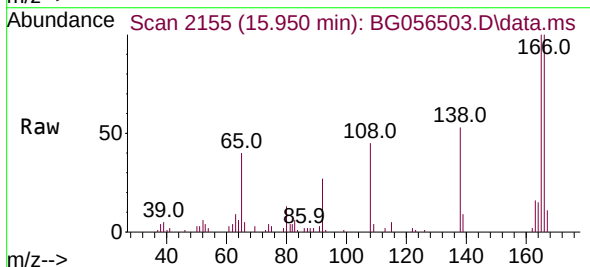
Tgt Ion:204 Resp: 40191
Ion Ratio Lower Upper
204 100
206 31.2 26.2 39.4
141 42.7 32.7 49.1

Manual Integrations
APPROVED

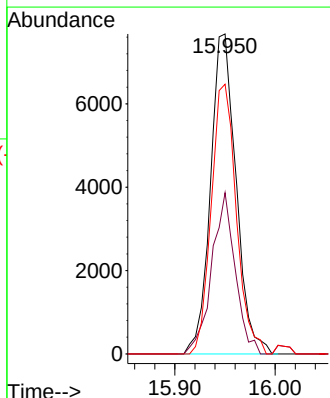
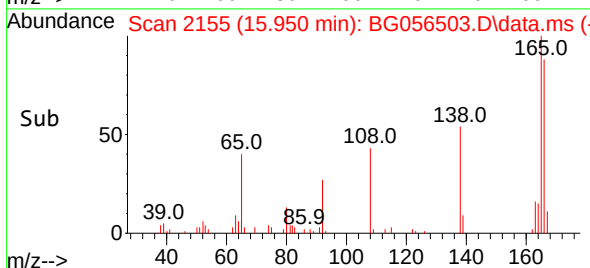
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

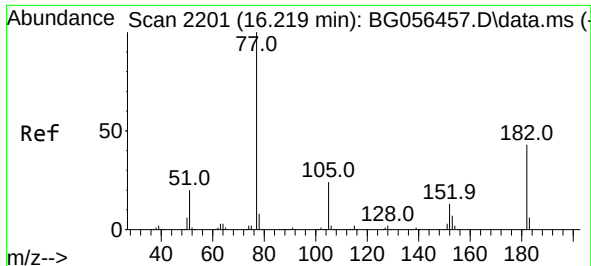


#62
4-Nitroaniline
Concen: 7.537 ng
RT: 15.950 min Scan# 2155
Delta R.T. -0.011 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



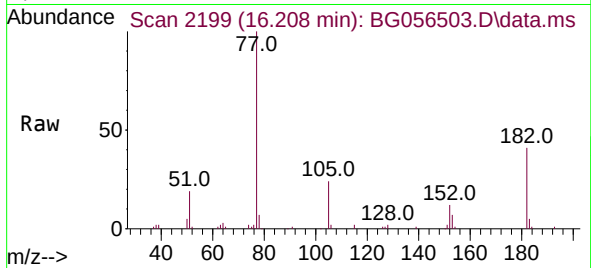
Tgt Ion:138 Resp: 13606
Ion Ratio Lower Upper
138 100
92 50.4 27.8 67.8
108 84.3 72.6 112.6





#63
Azobenzene
Concen: 8.014 ng
RT: 16.208 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

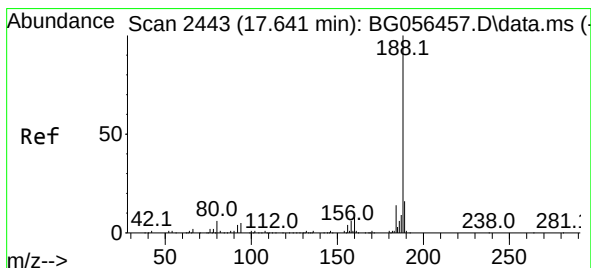
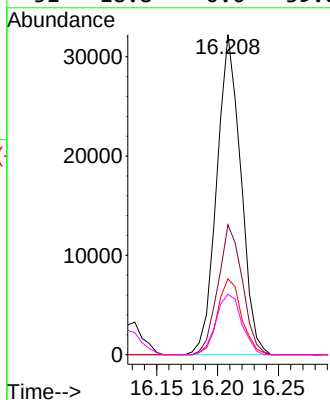
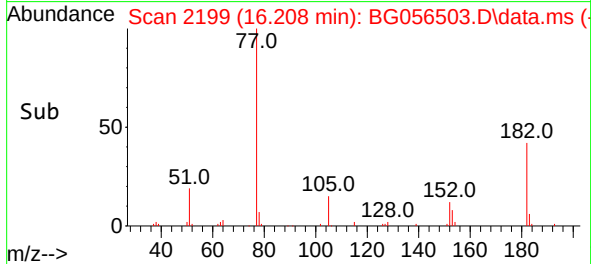
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



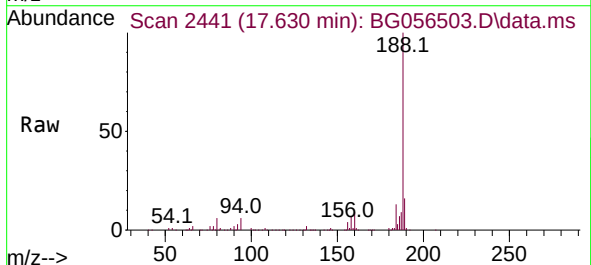
Tgt Ion: 77 Resp: 44185
Ion Ratio Lower Upper
77 100
182 40.6 23.1 63.1
105 23.7 4.2 44.2
51 18.8 0.0 39.8

Manual Integrations
APPROVED

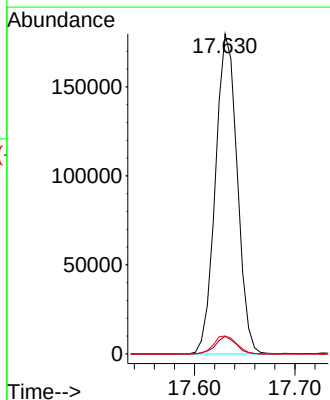
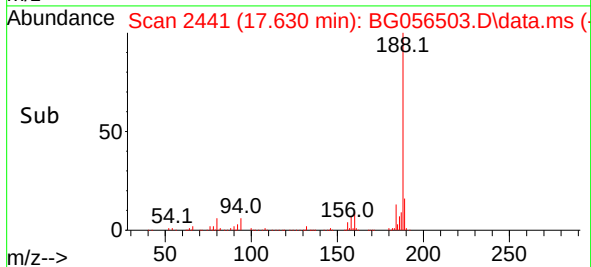
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

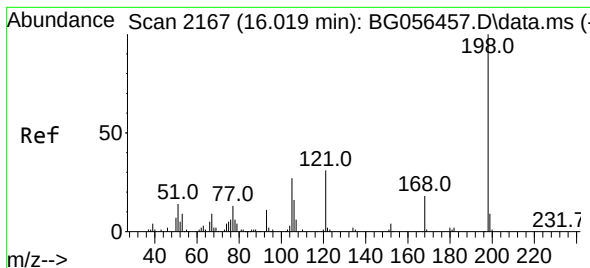


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



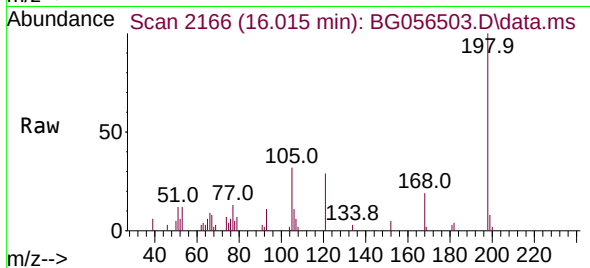
Tgt Ion:188 Resp: 271649
Ion Ratio Lower Upper
188 100
94 5.5 4.1 6.1
80 5.6 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 6.311 ng
RT: 16.015 min Scan# 2167
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

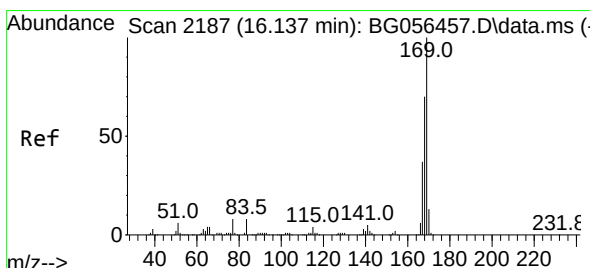
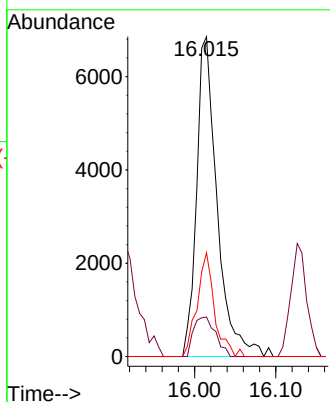
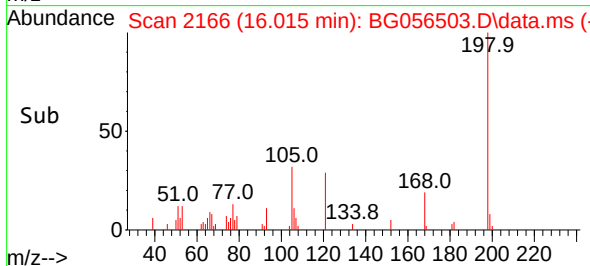
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



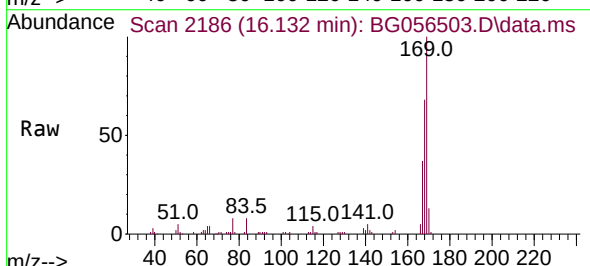
Tgt Ion:198 Resp: 12053
Ion Ratio Lower Upper
198 100
51 12.4 0.0 35.0
105 32.4 7.4 47.4

Manual Integrations
APPROVED

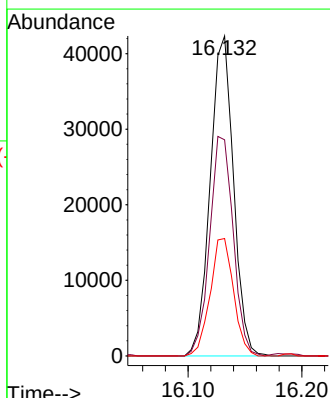
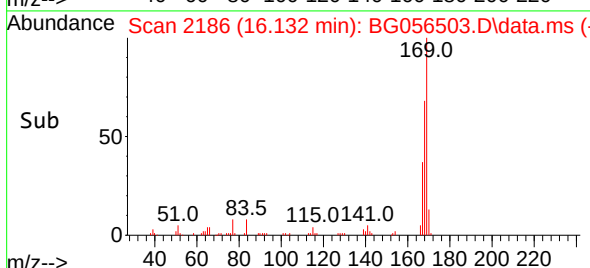
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

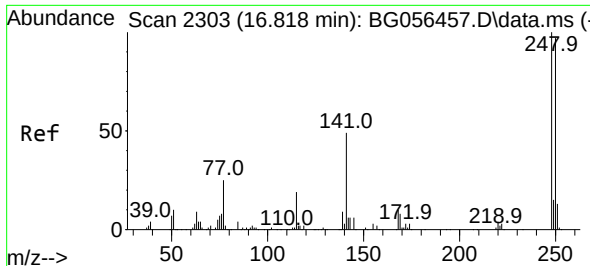


#66
n-Nitrosodiphenylamine
Concen: 7.814 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



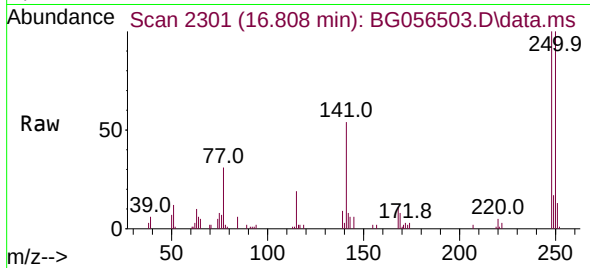
Tgt Ion:169 Resp: 60102
Ion Ratio Lower Upper
169 100
168 67.5 55.8 83.6
167 36.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 7.796 ng
RT: 16.808 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

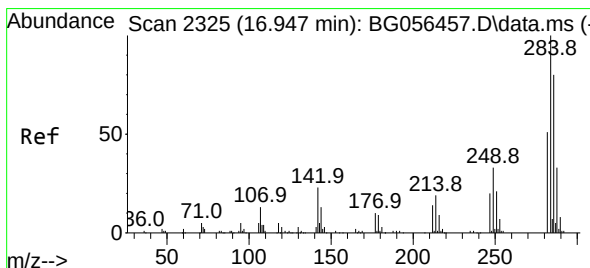
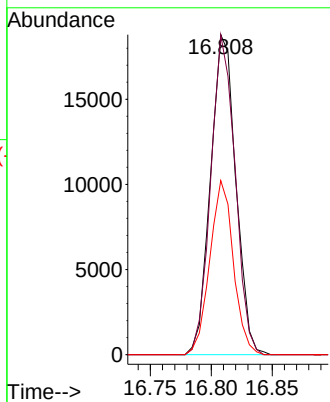
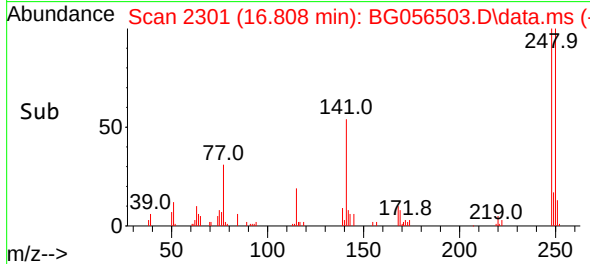
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



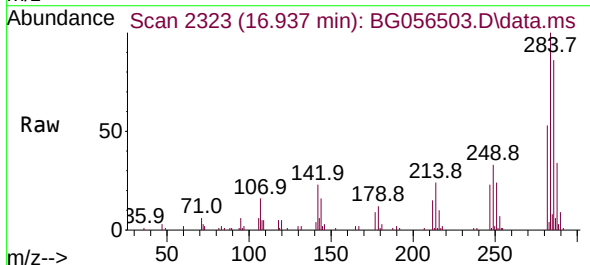
Tgt Ion:248 Resp: 27111
Ion Ratio Lower Upper
248 100
250 99.9 77.6 116.4
141 54.4 39.0 58.4

Manual Integrations
APPROVED

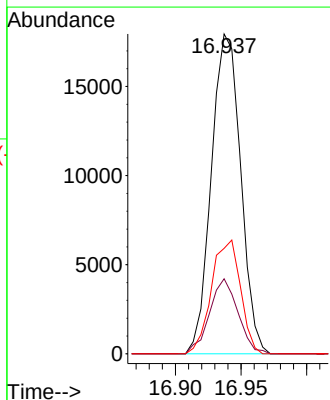
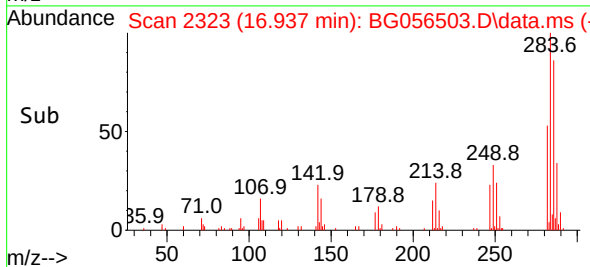
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

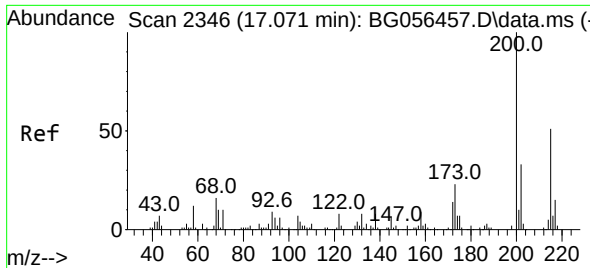


#68
Hexachlorobenzene
Concen: 8.198 ng
RT: 16.937 min Scan# 2323
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02



Tgt Ion:284 Resp: 27921
Ion Ratio Lower Upper
284 100
142 23.5 18.0 27.0
249 35.5 26.7 40.1





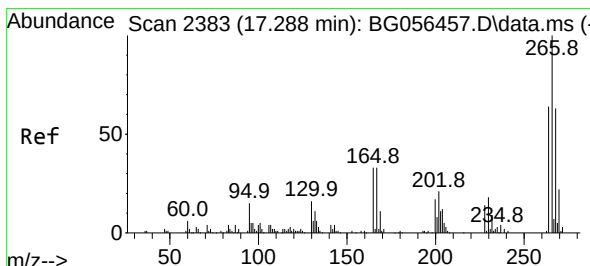
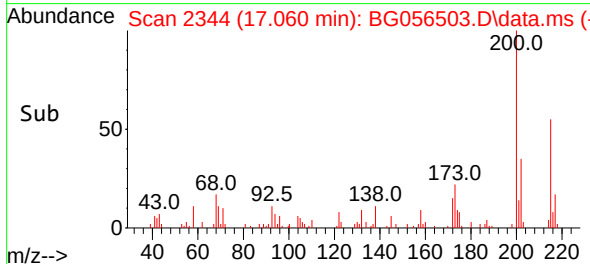
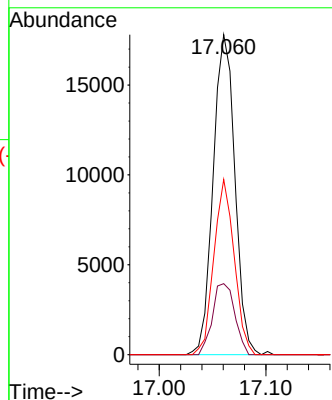
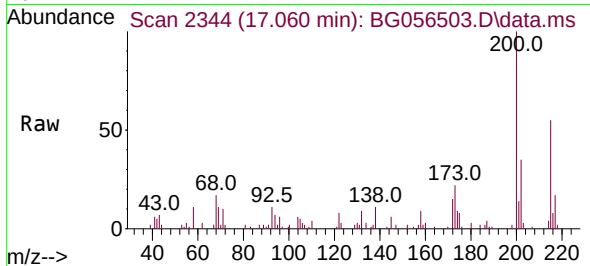
#69
 Atrazine
 Concen: 8.518 ng
 RT: 17.060 min Scan# 2344
 Delta R.T. -0.011 min
 Lab File: BG056503.D
 Acq: 1 Feb 2023 17:02

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Tgt Ion:200 Resp: 25275
 Ion Ratio Lower Upper
 200 100
 173 22.2 3.2 43.2
 215 54.8 30.7 70.7

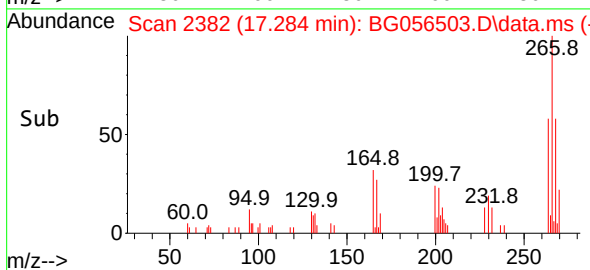
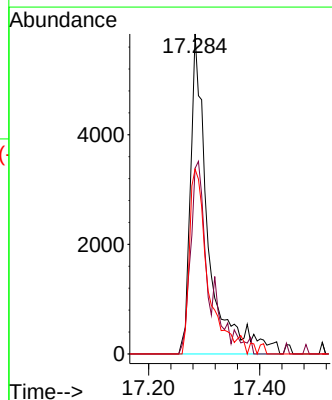
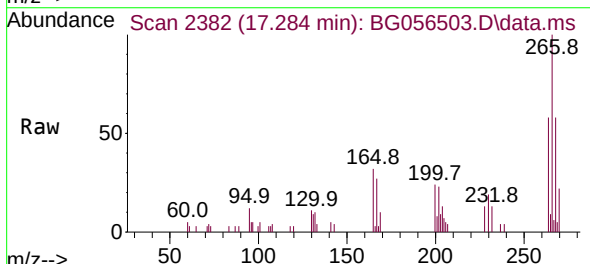
Manual Integrations
 APPROVED

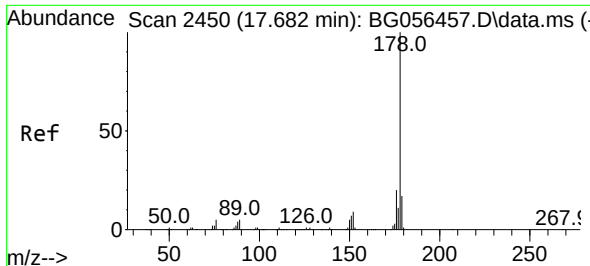
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#70
 Pentachlorophenol
 Concen: 6.282 ng m
 RT: 17.284 min Scan# 2382
 Delta R.T. 0.001 min
 Lab File: BG056503.D
 Acq: 1 Feb 2023 17:02

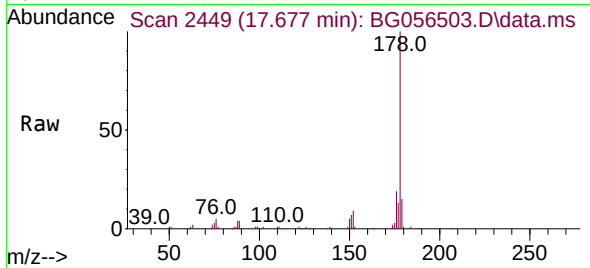
Tgt Ion:266 Resp: 12947
 Ion Ratio Lower Upper
 266 100
 268 58.0 50.2 75.4
 264 57.7 51.4 77.0





#71
Phenanthrene
Concen: 8.026 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

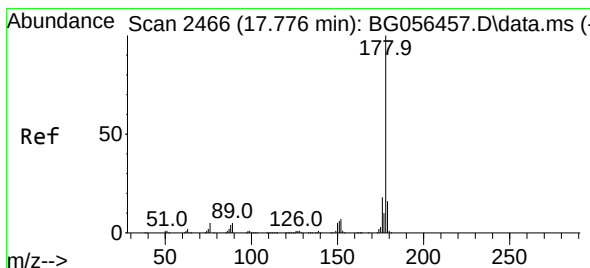
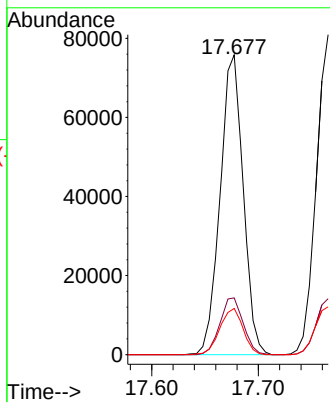
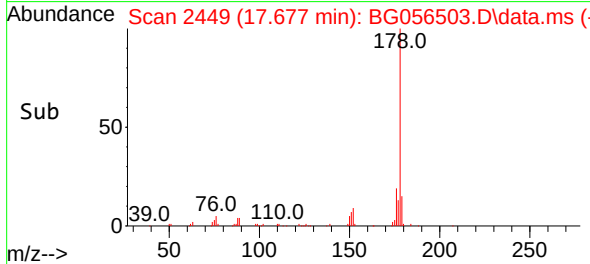
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:178 Resp: 114113
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.4 13.3 19.9

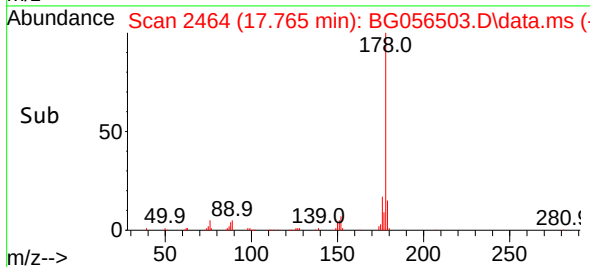
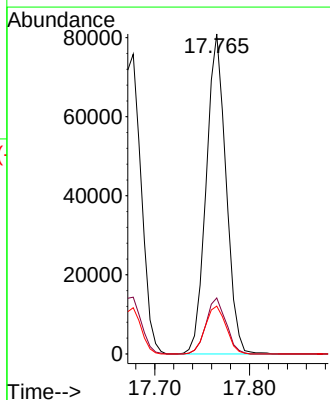
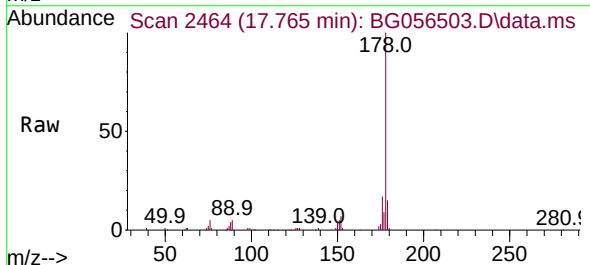
Manual Integrations
APPROVED

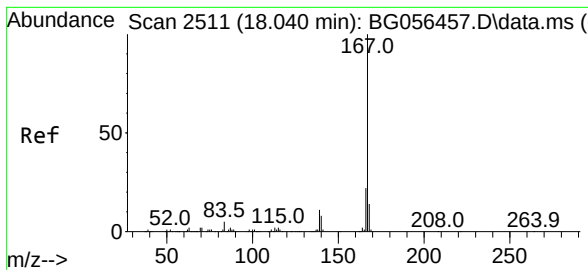
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#72
Anthracene
Concen: 8.036 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion:178 Resp: 117277
Ion Ratio Lower Upper
178 100
176 17.5 14.5 21.7
179 14.9 12.5 18.7





#73

Carbazole

Concen: 7.992 ng

RT: 18.030 min Scan# 2509

Delta R.T. -0.005 min

Lab File: BG056503.D

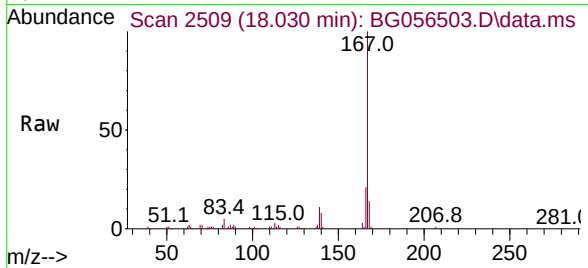
Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:167 Resp: 99346

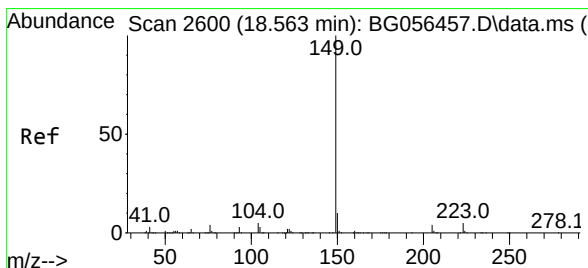
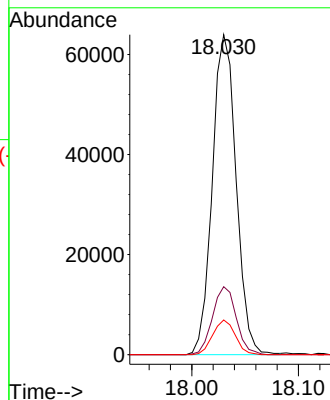
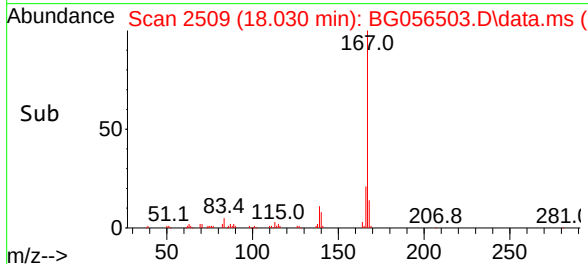
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.8	26.6
139	10.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#74

Di-n-butylphthalate

Concen: 7.675 ng

RT: 18.559 min Scan# 2599

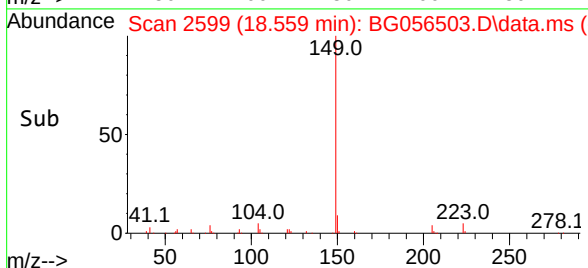
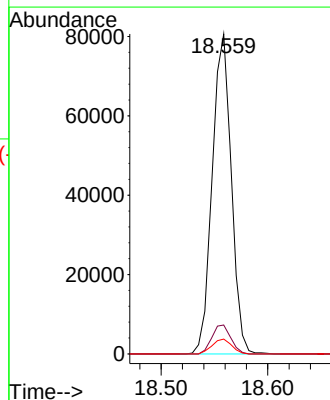
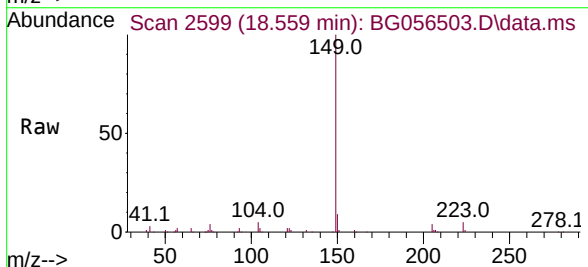
Delta R.T. -0.005 min

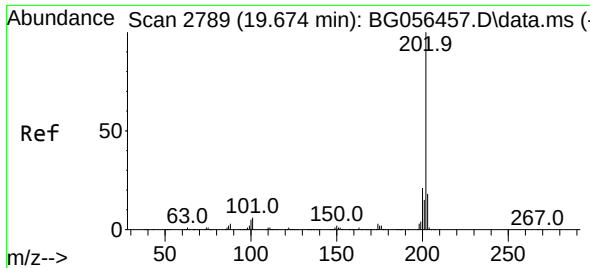
Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Tgt Ion:149 Resp: 100175

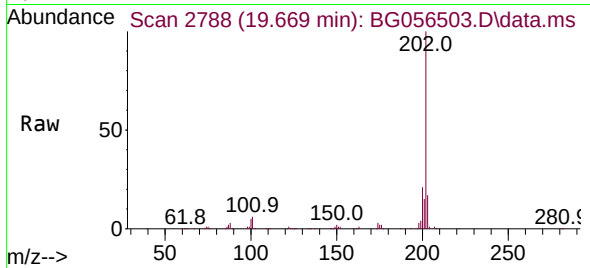
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.6	4.0	6.0





#75
Fluoranthene
Concen: 8.068 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

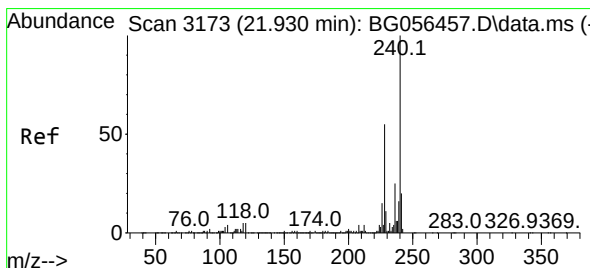
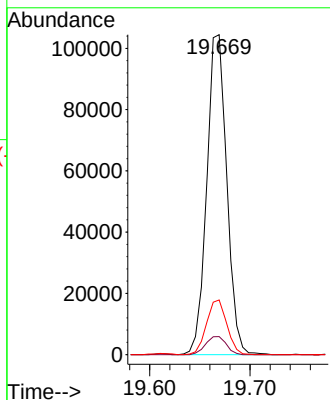
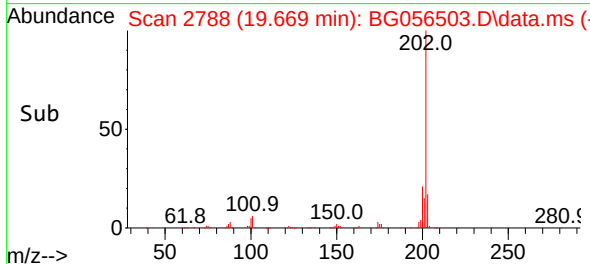
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:202 Resp: 144766
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.6
203 17.1 0.0 38.1

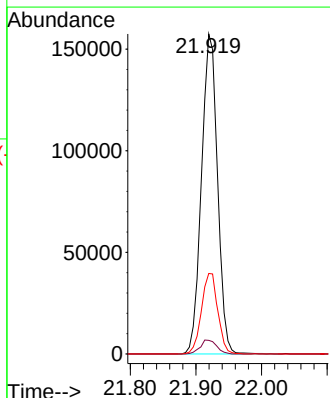
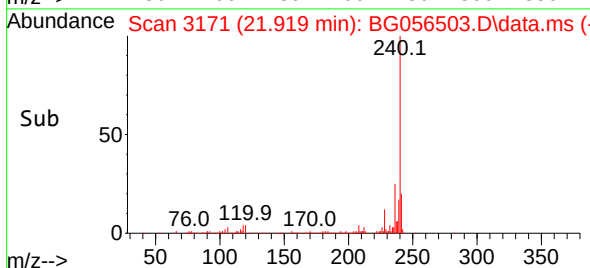
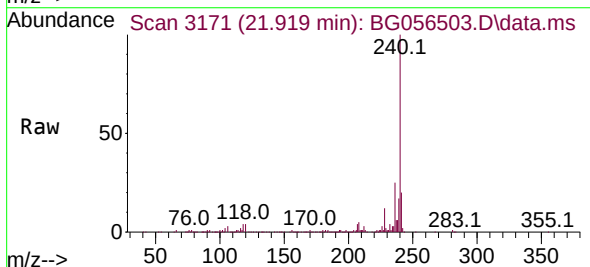
Manual Integrations
APPROVED

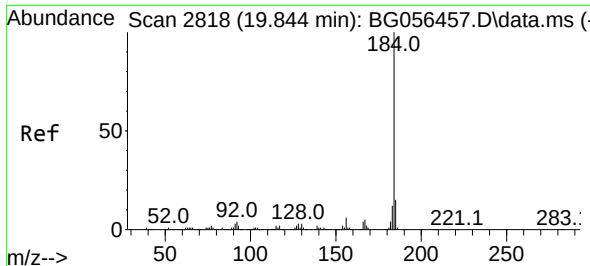
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion:240 Resp: 265879
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.1 20.2 30.2





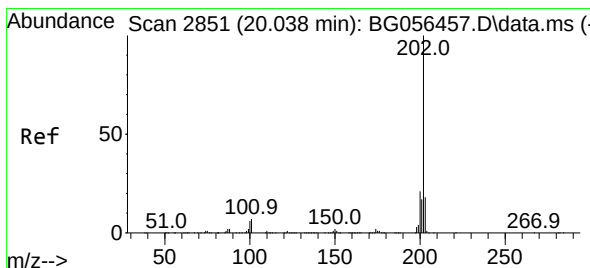
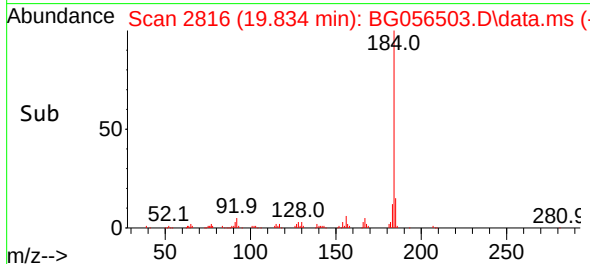
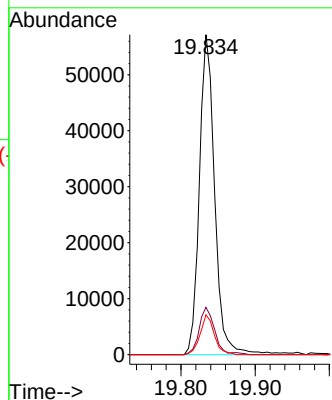
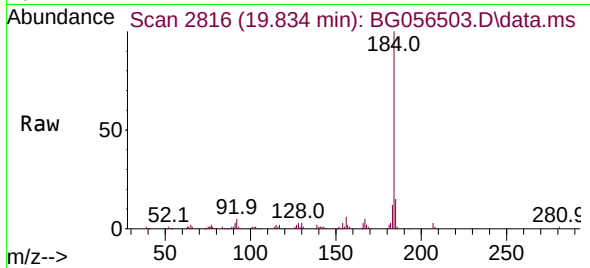
#77
Benzidine
Concen: 11.356 ng
RT: 19.834 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:184 Resp: 81705
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 12.4 9.8 14.8

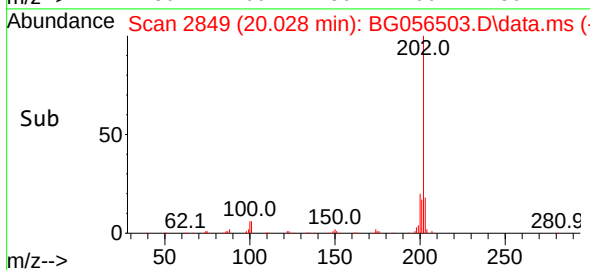
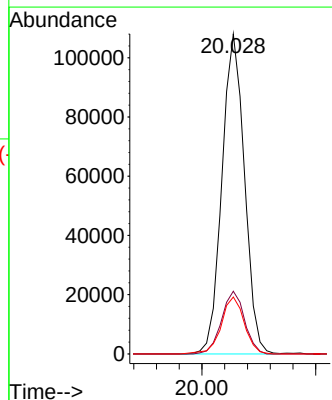
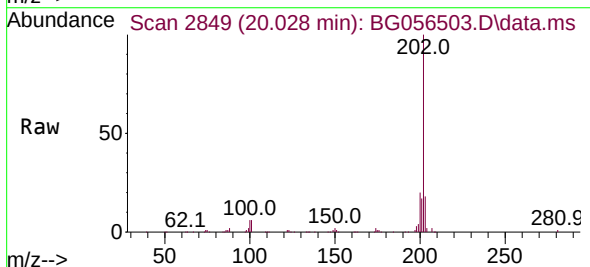
Manual Integrations
APPROVED

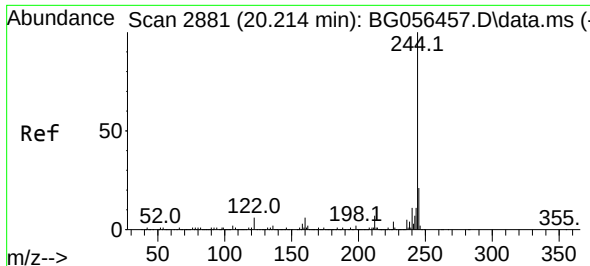
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#78
Pyrene
Concen: 7.850 ng
RT: 20.028 min Scan# 2849
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

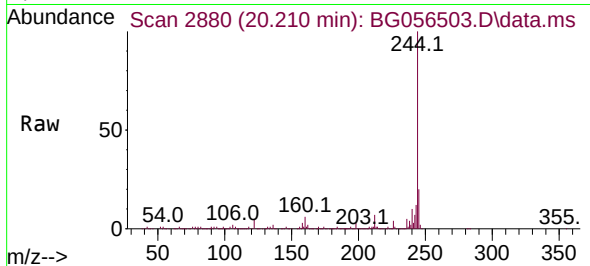
Tgt Ion:202 Resp: 148447
Ion Ratio Lower Upper
202 100
200 19.6 16.7 25.1
203 17.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 80.250 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056503.D
 Acq: 1 Feb 2023 17:02

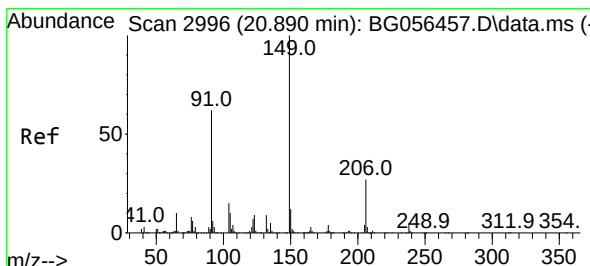
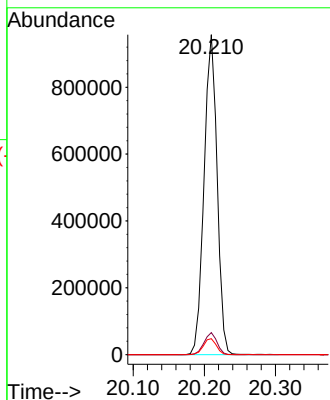
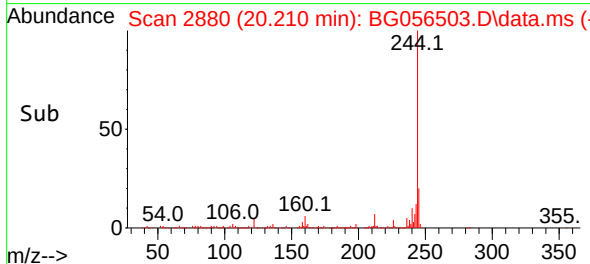
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2022



Tgt Ion:244 Resp: 1214834
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.0 4.4 6.6

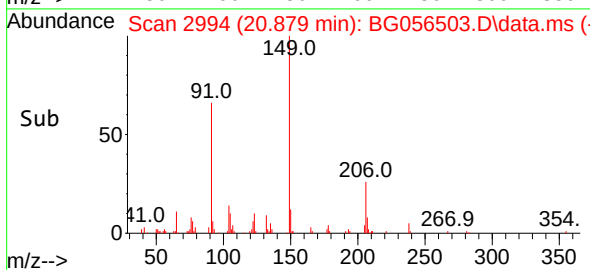
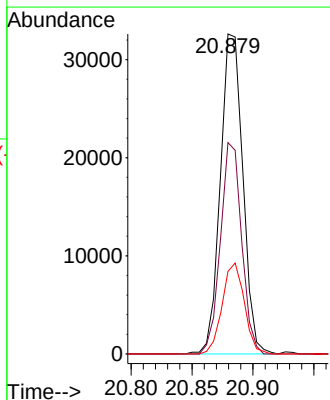
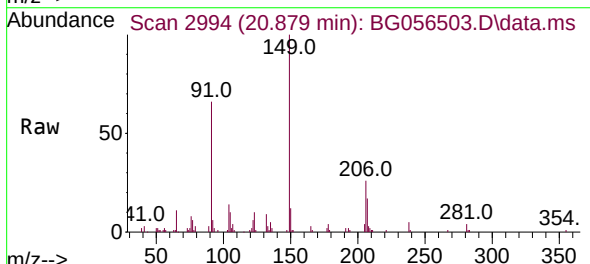
Manual Integrations
 APPROVED

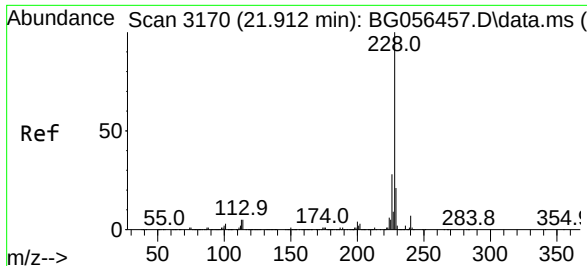
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#80
 Butylbenzylphthalate
 Concen: 7.245 ng
 RT: 20.879 min Scan# 2994
 Delta R.T. -0.005 min
 Lab File: BG056503.D
 Acq: 1 Feb 2023 17:02

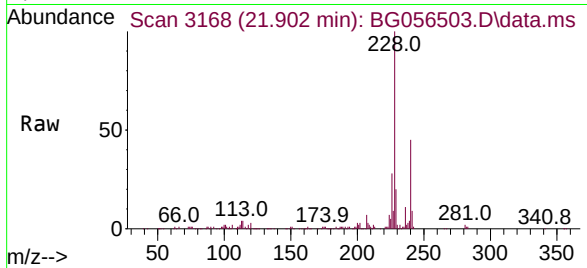
Tgt Ion:149 Resp: 41839
 Ion Ratio Lower Upper
 149 100
 91 66.0 49.4 74.0
 206 25.8 22.0 33.0





#81
Benzo(a)anthracene
Concen: 7.850 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

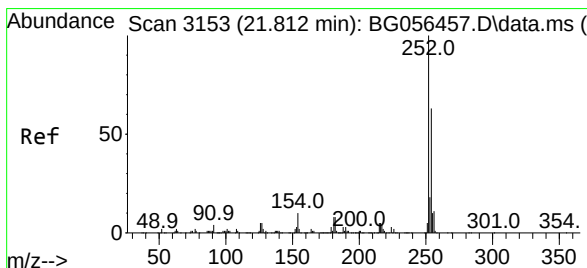
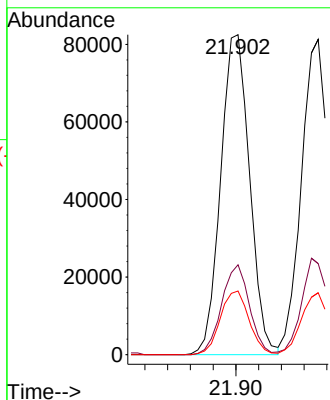
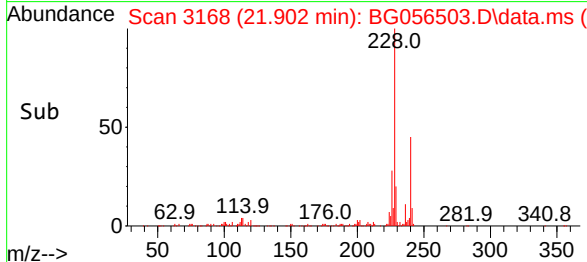
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:228 Resp: 145916
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 19.9 16.5 24.7

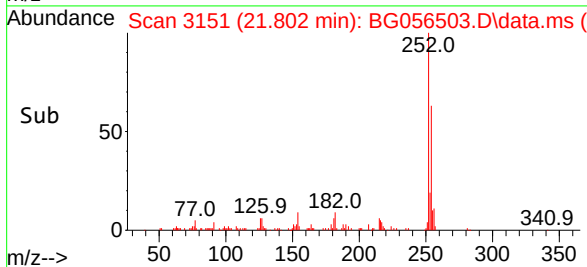
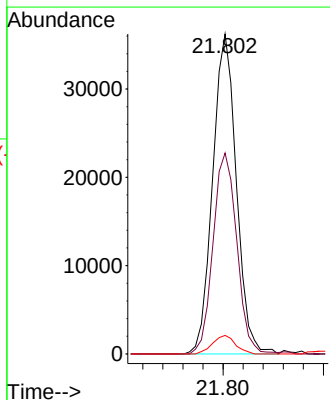
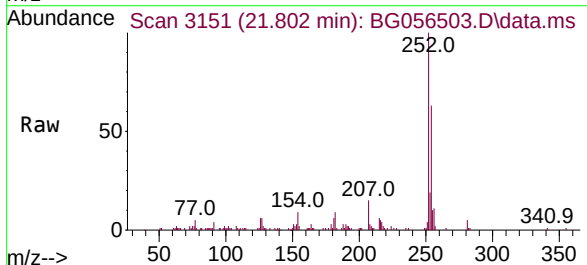
Manual Integrations
APPROVED

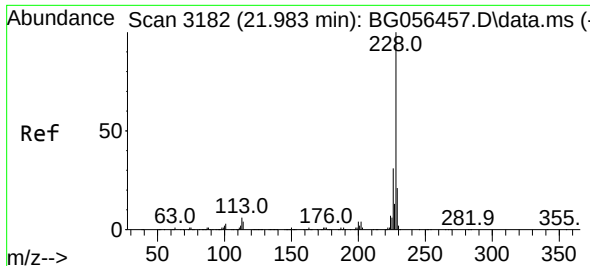
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 8.875 ng
RT: 21.802 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

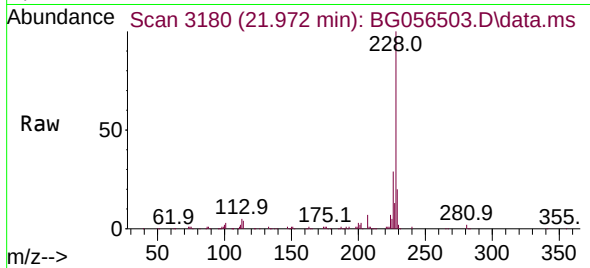
Tgt Ion:252 Resp: 59409
Ion Ratio Lower Upper
252 100
254 62.8 50.0 75.0
126 5.8 4.3 6.5





#83
Chrysene
Concen: 7.858 ng
RT: 21.972 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

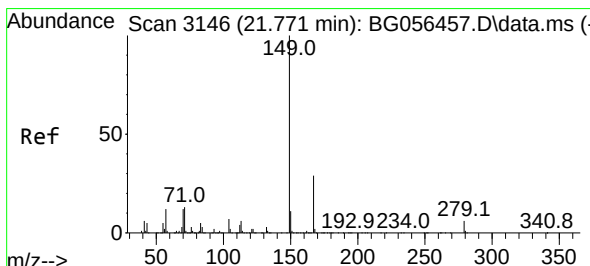
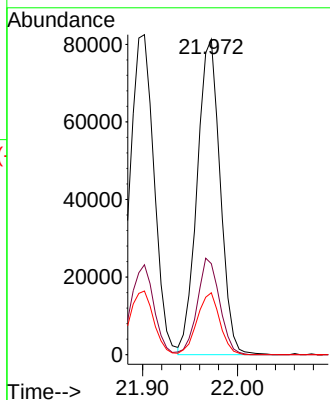
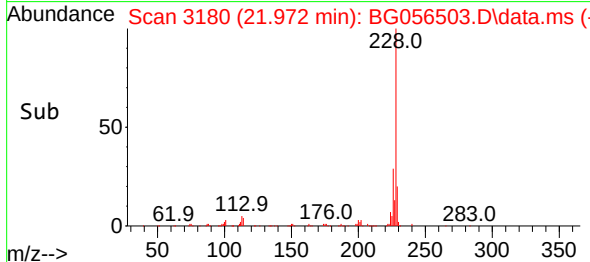
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:228 Resp: 137228
Ion Ratio Lower Upper
228 100
226 28.8 25.0 37.4
229 19.6 16.4 24.6

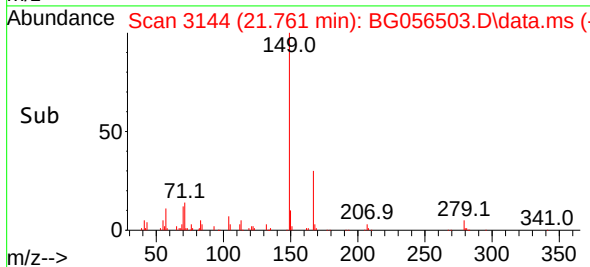
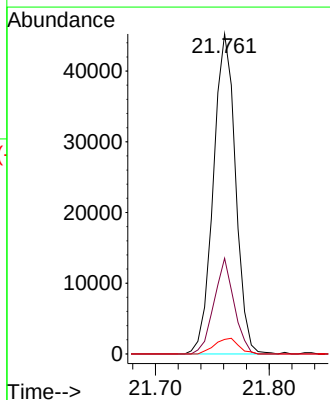
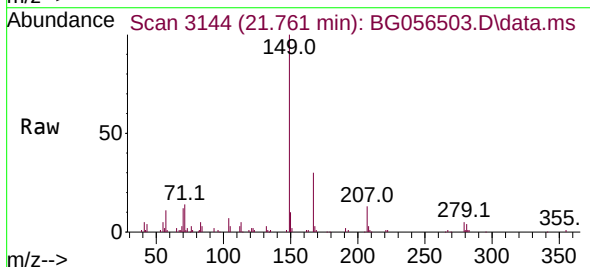
Manual Integrations
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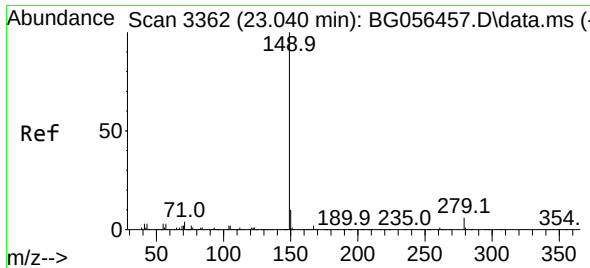
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.400 ng
RT: 21.761 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

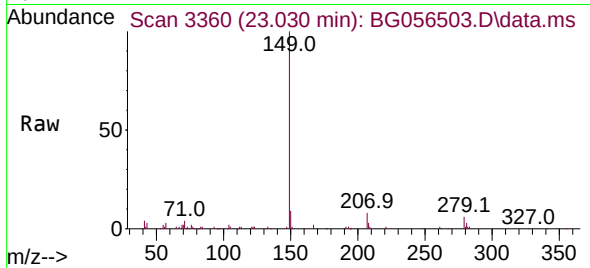
Tgt Ion:149 Resp: 61271
Ion Ratio Lower Upper
149 100
167 29.9 23.4 35.2
279 4.5 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 7.492 ng
RT: 23.030 min Scan# 3362
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

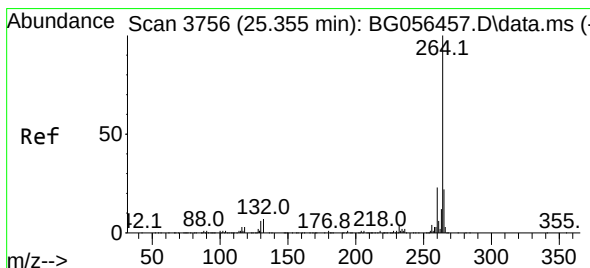
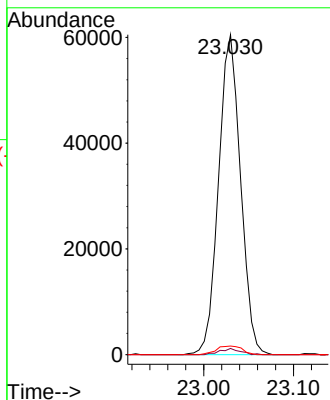
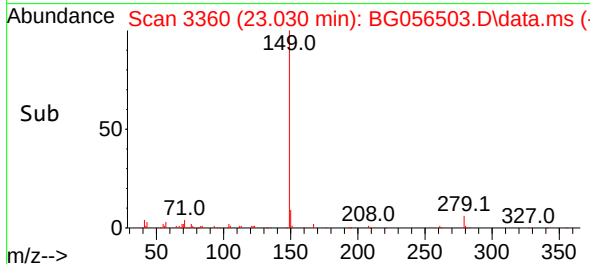
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:149 Resp: 103311
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 3.2 2.7 4.1

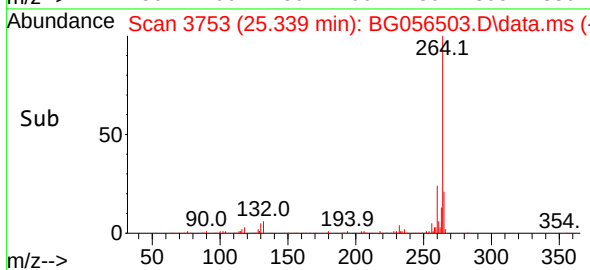
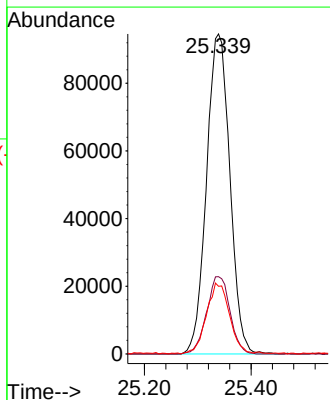
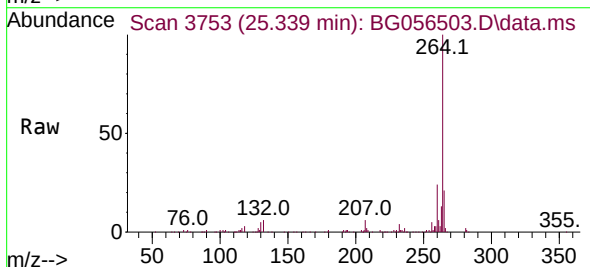
Manual Integrations
APPROVED

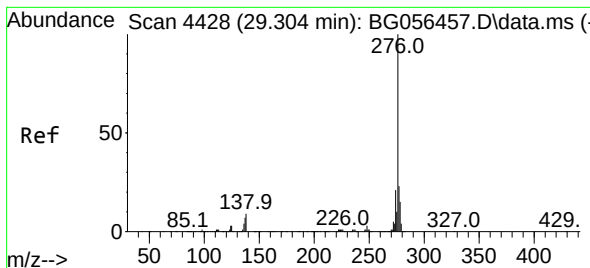
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3753
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion:264 Resp: 287222
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 21.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.698 ng

RT: 29.264 min Scan# 4428

Delta R.T. -0.016 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:276 Resp: 161846

Ion Ratio Lower Upper

276 100

138 5.1 9.4 14.2

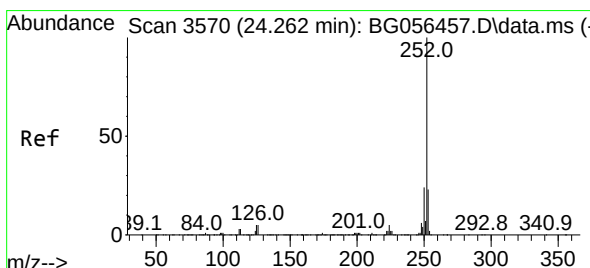
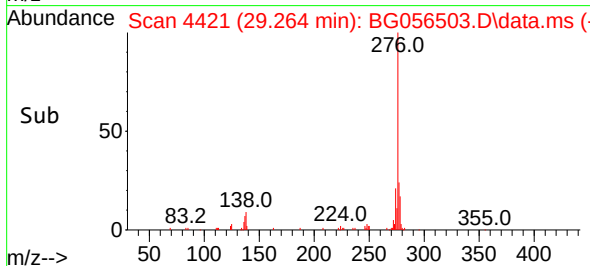
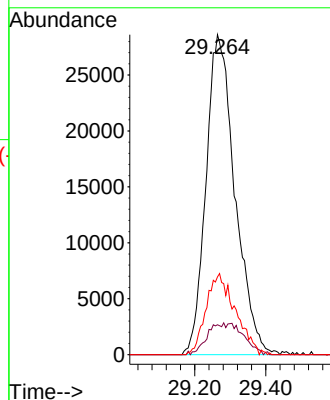
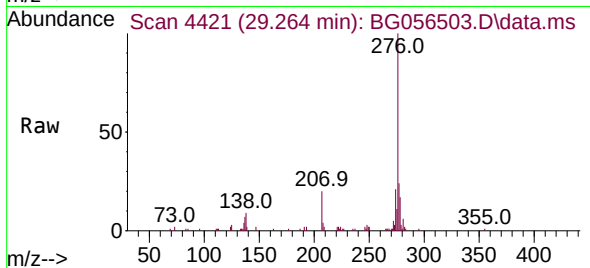
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#88

Benzo(b)fluoranthene

Concen: 8.387 ng

RT: 24.246 min Scan# 3567

Delta R.T. -0.005 min

Lab File: BG056503.D

Acq: 1 Feb 2023 17:02

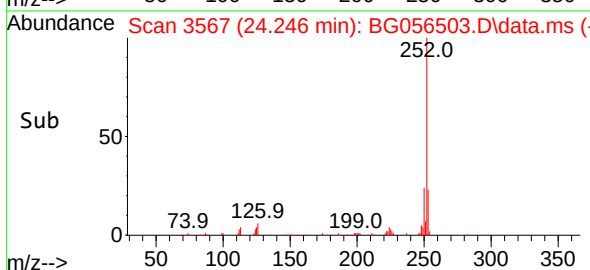
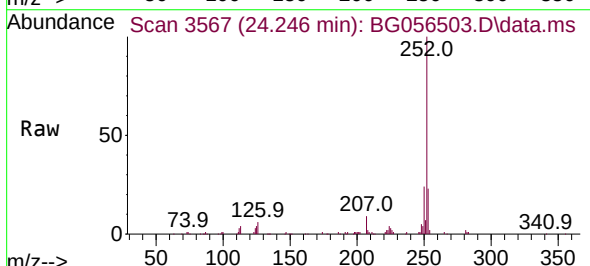
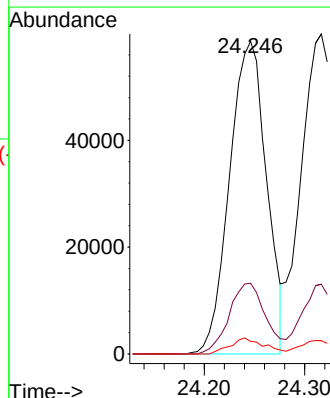
Tgt Ion:252 Resp: 149525

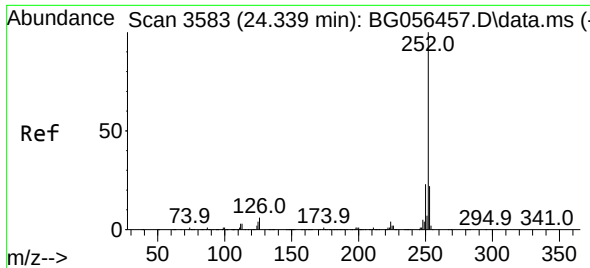
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

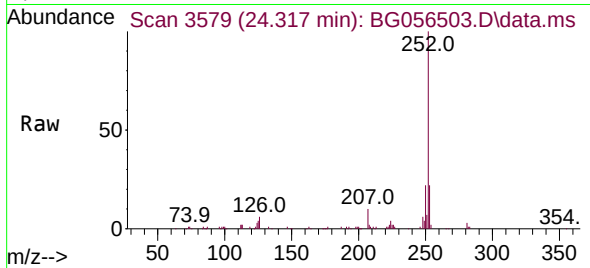
125 4.0 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 8.492 ng m
RT: 24.317 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

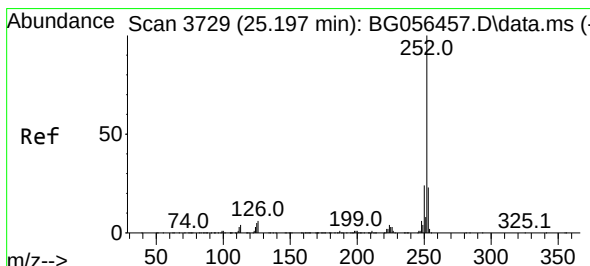
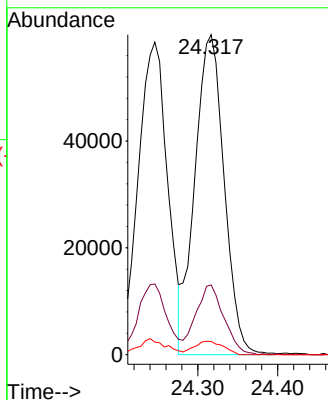
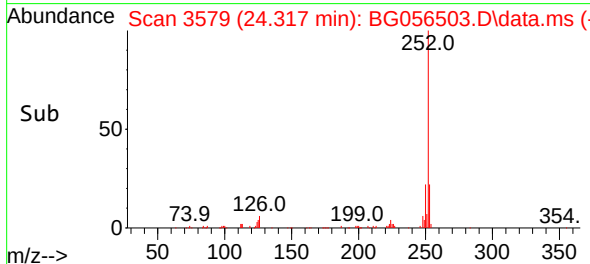
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:252 Resp: 152848
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 4.1 3.4 5.0

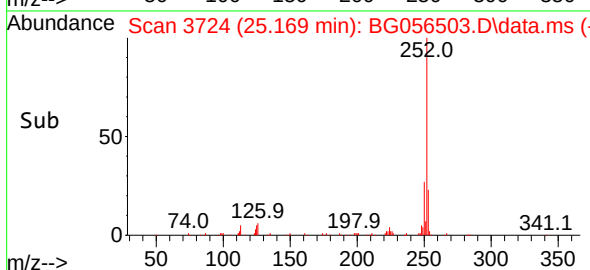
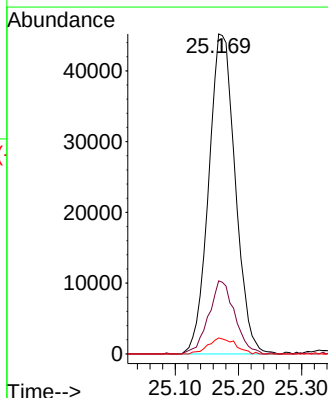
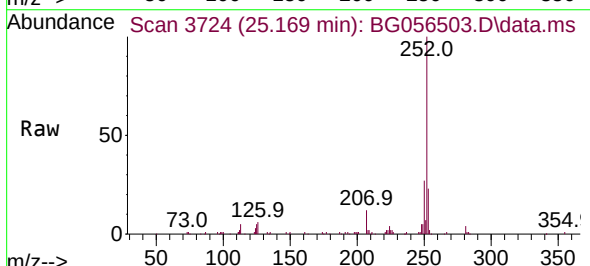
Manual Integrations
APPROVED

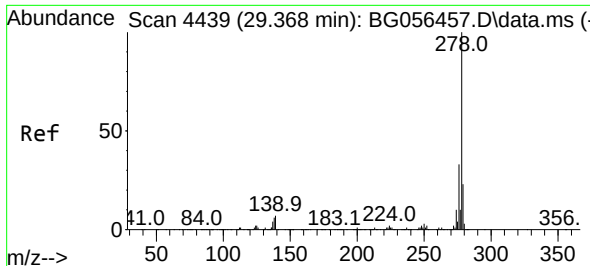
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#90
Benzo(a)pyrene
Concen: 7.513 ng
RT: 25.169 min Scan# 3724
Delta R.T. -0.016 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

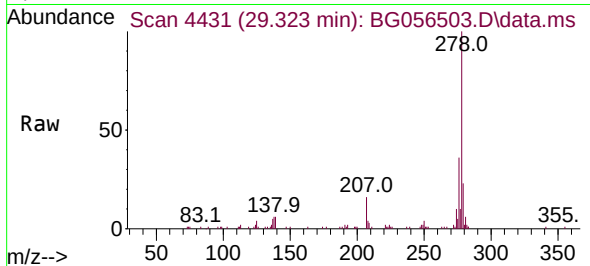
Tgt Ion:252 Resp: 131932
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 5.0 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 8.174 ng
RT: 29.323 min Scan# 4431
Delta R.T. -0.022 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

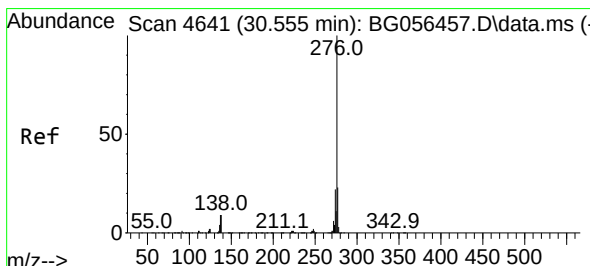
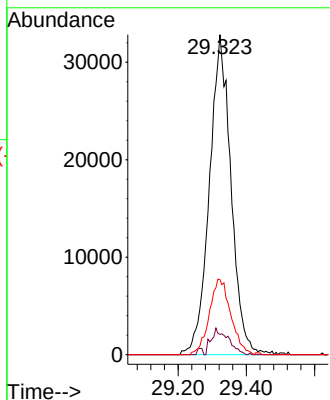
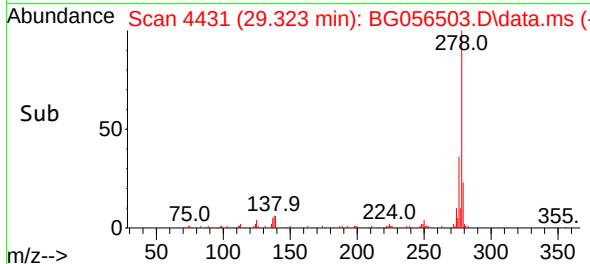
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:278 Resp: 144260
Ion Ratio Lower Upper
278 100
139 6.3 5.5 8.3
279 23.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#92
Benzo(g,h,i)perylene
Concen: 8.128 ng
RT: 30.498 min Scan# 4631
Delta R.T. -0.028 min
Lab File: BG056503.D
Acq: 1 Feb 2023 17:02

Tgt Ion:276 Resp: 138403
Ion Ratio Lower Upper
276 100
277 22.3 18.5 27.7
138 12.8 7.4 11.0#

