

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
 Data File : BG056481.D
 Acq On : 31 Jan 2023 11:27
 Operator : CG/JU
 Sample : N3980-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Feb 01 01:21:25 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 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.280	152	29072	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	109190	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	89611	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	250428	20.000	ng	0.00
76) Chrysene-d12	21.922	240	265174	20.000	ng	0.00
86) Perylene-d12	25.342	264	292322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	177112	112.071	ng	0.00
7) Phenol-d6	7.416	99	250100	106.808	ng	0.00
23) Nitrobenzene-d5	9.449	82	144016	74.896	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	136883	114.900	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	491326	76.016	ng	0.00
79) Terphenyl-d14	20.207	244	1083540	71.768	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.609	88	2485	3.776	ng	92
3) Pyridine	4.037	79	6378	3.251	ng	97
4) n-Nitrosodimethylamine	3.932	42	1835	4.399	ng	# 76
6) Aniline	7.592	93	10512	3.429	ng	98
8) 2-Chlorophenol	7.833	128	7373	4.247	ng	97
9) Benzaldehyde	7.410	77	5571	3.687	ng	98
10) Phenol	7.445	94	10036	4.217	ng	90
11) bis(2-Chloroethyl)ether	7.680	93	5824	3.560	ng	89
12) 1,3-Dichlorobenzene	8.162	146	8015	4.010	ng	92
13) 1,4-Dichlorobenzene	8.315	146	8271	4.086	ng	94
14) 1,2-Dichlorobenzene	8.638	146	7594m	3.867	ng	
15) Benzyl Alcohol	8.515	79	5221	3.250	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.791	45	1259	3.632	ng	# 74
17) 2-Methylphenol	8.720	107	6067	3.351	ng	92
18) Hexachloroethane	9.372	117	2352	3.841	ng	92
19) n-Nitroso-di-n-propyla...	9.073	70	5125	3.798	ng	# 94
20) 3+4-Methylphenols	9.049	107	7972	3.142	ng	96
22) Acetophenone	9.102	105	10971	3.782	ng	# 97
24) Nitrobenzene	9.502	77	7391	3.985	ng	92
25) Isophorone	10.013	82	14455	3.644	ng	# 93
26) 2-Nitrophenol	10.213	139	3970	3.528	ng	# 87
27) 2,4-Dimethylphenol	10.260	122	6434	3.416	ng	93
28) bis(2-Chloroethoxy)met...	10.495	93	8620	3.933	ng	96
29) 2,4-Dichlorophenol	10.759	162	7018	3.311	ng	89
30) 1,2,4-Trichlorobenzene	10.970	180	9040	3.837	ng	# 91
31) Naphthalene	11.164	128	20991	3.642	ng	# 97
33) 4-Chloroaniline	11.264	127	9628	3.579	ng	# 93
34) Hexachlorobutadiene	11.435	225	6540	3.955	ng	# 85
35) Caprolactam	11.999	113	2554	3.572	ng	97
36) 4-Chloro-3-methylphenol	12.369	107	7867	3.843	ng	93
37) 2-Methylnaphthalene	12.745	142	17827	3.752	ng	90
38) 1-Methylnaphthalene	12.962	142	15707	3.540	ng	93
40) 1,2,4,5-Tetrachloroben...	13.103	216	13241	4.045	ng	96
41) Hexachlorocyclopentadiene	13.080	237	2268	7.574	ng	91
43) 2,4,6-Trichlorophenol	13.344	196	7297	3.459	ng	90
44) 2,4,5-Trichlorophenol	13.426	196	7671	3.106	ng	# 92

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 Misc : LOD-MDL-WATER 4ppm
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Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Manual Integrations
 APPROVED

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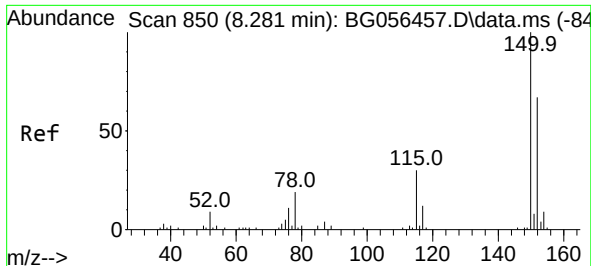
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.732	154	25461	3.917	ng	96
47) 2-Chloronaphthalene	13.785	162	20250	3.986	ng	97
48) 2-Nitroaniline	13.979	65	3525	3.356	ng #	81
49) Acenaphthylene	14.619	152	31165	3.770	ng	98
50) Dimethylphthalate	14.331	163	27861	3.843	ng	99
51) 2,6-Dinitrotoluene	14.461	165	5688	3.598	ng	99
52) Acenaphthene	14.960	154	20117	4.104	ng	98
53) 3-Nitroaniline	14.795	138	5496	3.586	ng	90
55) Dibenzofuran	15.289	168	34378	3.911	ng	99
56) 4-Nitrophenol	15.107	139	3402	3.248	ng #	83
57) 2,4-Dinitrotoluene	15.248	165	9166	4.116	ng	98
58) Fluorene	15.935	166	28299	4.046	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.524	232	6821	3.106	ng #	98
60) Diethylphthalate	15.683	149	26773	3.933	ng	97
61) 4-Chlorophenyl-phenyle...	15.918	204	16396	3.841	ng	94
62) 4-Nitroaniline	15.953	138	6077	3.962	ng	92
63) Azobenzene	16.211	77	18199	3.885	ng	96
65) 4,6-Dinitro-2-methylph...	16.023	198	4157	2.361	ng	87
66) n-Nitrosodiphenylamine	16.129	169	25628	3.614	ng	97
67) 4-Bromophenyl-phenylether	16.811	248	11278	3.518	ng	95
68) Hexachlorobenzene	16.940	284	12038	3.834	ng	96
69) Atrazine	17.057	200	11812	4.318	ng	98
71) Phenanthrene	17.674	178	49215	3.755	ng	98
72) Anthracene	17.768	178	51280	3.811	ng	99
73) Carbazole	18.033	167	44487	3.882	ng	97
74) Di-n-butylphthalate	18.556	149	46163	3.837	ng #	98
75) Fluoranthene	19.666	202	67647	4.089	ng	99
77) Benzidine	19.837	184	36445m	5.079	ng	
78) Pyrene	20.030	202	73986	3.923	ng	95
80) Butylbenzylphthalate	20.882	149	20346	3.532	ng	96
81) Benzo(a)anthracene	21.899	228	69083	3.726	ng	98
82) 3,3'-Dichlorobenzidine	21.805	252	28778	4.311	ng	96
83) Chrysene	21.969	228	66858	3.839	ng	97
84) Bis(2-ethylhexyl)phtha...	21.764	149	28585	3.462	ng	98
85) Di-n-octyl phthalate	23.033	149	48702	3.541	ng	100
87) Indeno(1,2,3-cd)pyrene	29.267	276	77559	3.625	ng #	92
88) Benzo(b)fluoranthene	24.243	252	72180	3.978	ng	100
89) Benzo(k)fluoranthene	24.314	252	72064	3.934	ng	99
90) Benzo(a)pyrene	25.177	252	63348	3.544	ng #	93
91) Dibenzo(a,h)anthracene	29.325	278	69065	3.845	ng	97
92) Benzo(g,h,i)perylene	30.512	276	66512	3.838	ng #	95

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

Manual Integrations

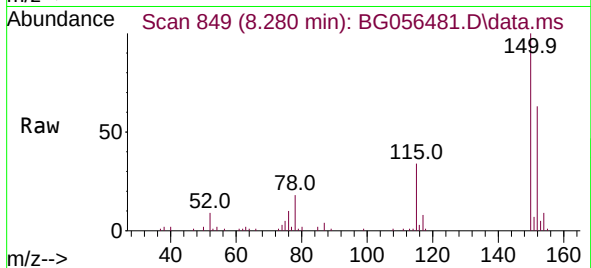
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.280 min Scan# 84
 Delta R.T. 0.005 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

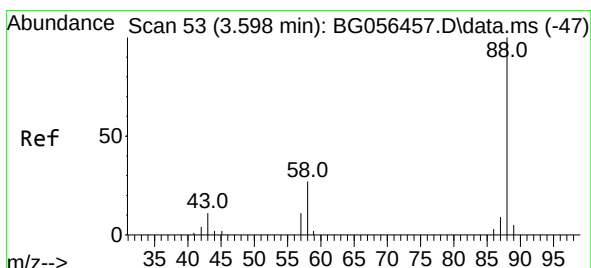
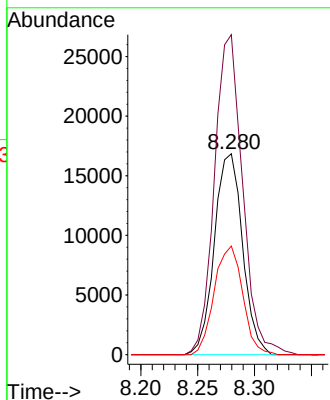
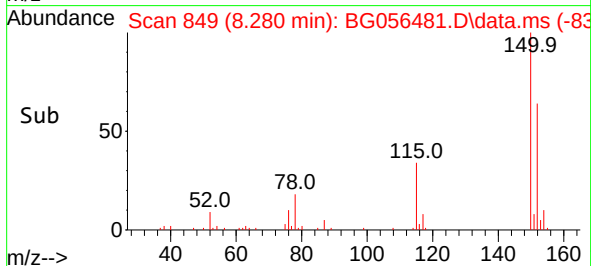
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 152 Resp: 29072
 Ion Ratio Lower Upper
 152 100
 150 159.3 120.2 180.4
 115 54.1 36.3 54.5

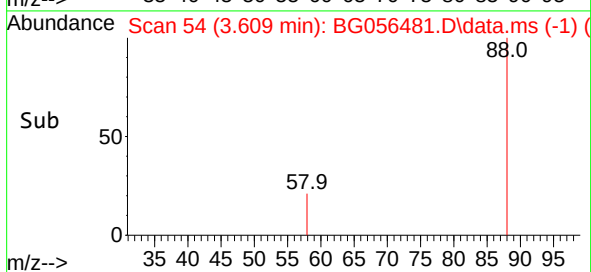
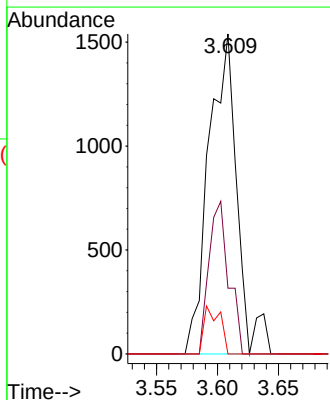
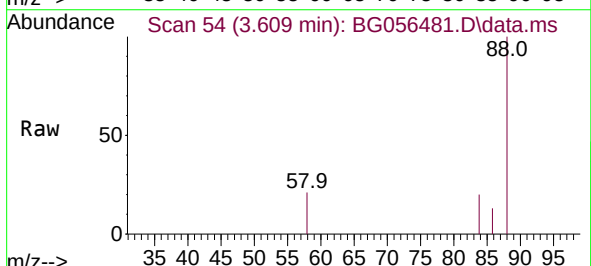
Manual Integrations
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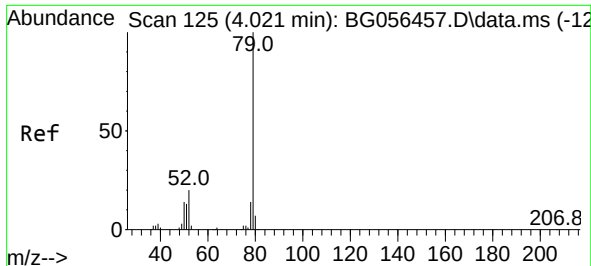
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#2
 1,4-Dioxane
 Concen: 3.776 ng
 RT: 3.609 min Scan# 54
 Delta R.T. 0.010 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

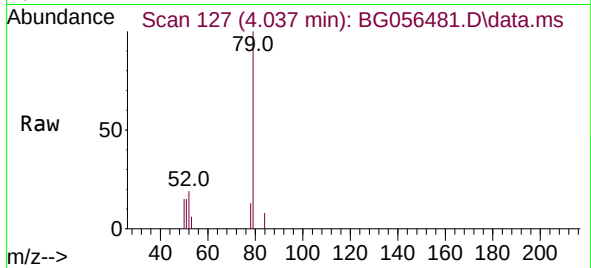
Tgt Ion: 88 Resp: 2485
 Ion Ratio Lower Upper
 88 100
 58 33.6 23.0 34.4
 43 8.4 8.0 12.0





#3
Pyridine
Concen: 3.251 ng
RT: 4.037 min Scan# 11
Delta R.T. 0.016 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

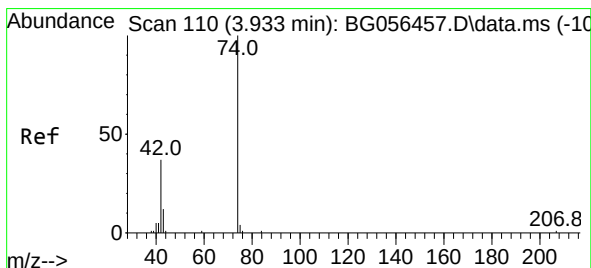
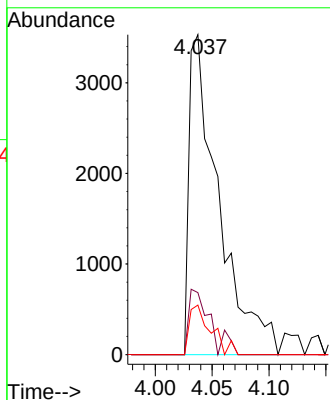
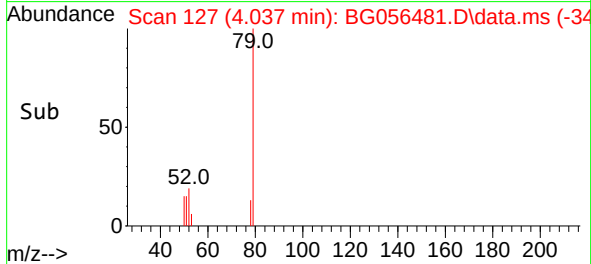
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



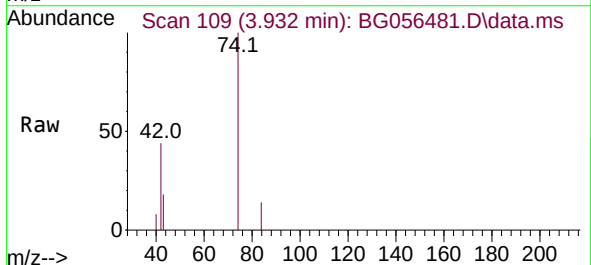
Tgt Ion: 79 Resp: 6378
Ion Ratio Lower Upper
79 100
52 19.4 16.1 24.1
51 15.5 10.7 16.1

Manual Integrations
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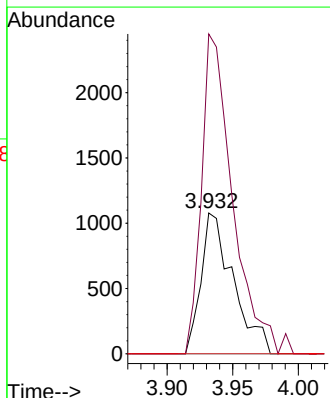
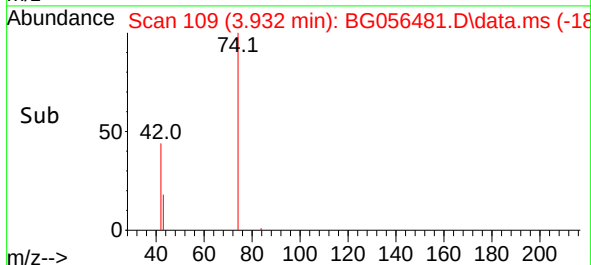
Reviewed By :Christian Giraldo 02/01/2023
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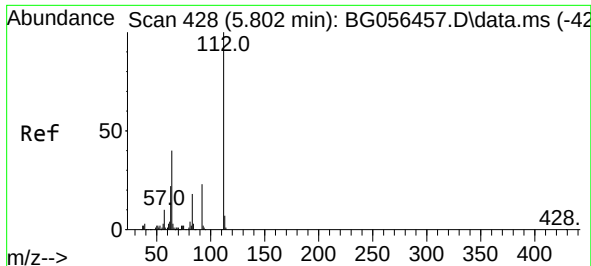


#4
n-Nitrosodimethylamine
Concen: 4.399 ng
RT: 3.932 min Scan# 109
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



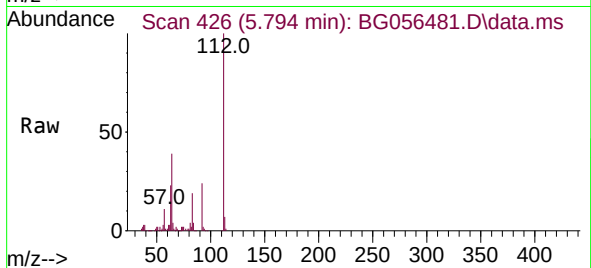
Tgt Ion: 42 Resp: 1835
Ion Ratio Lower Upper
42 100
74 227.3 217.9 326.9
44 0.0 3.0 4.6#





#5
2-Fluorophenol
Concen: 112.071 ng
RT: 5.794 min Scan# 428
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

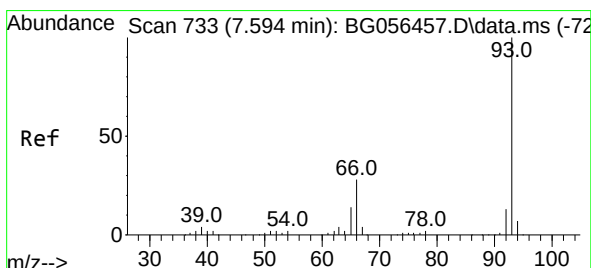
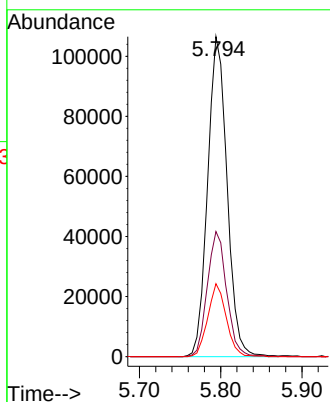
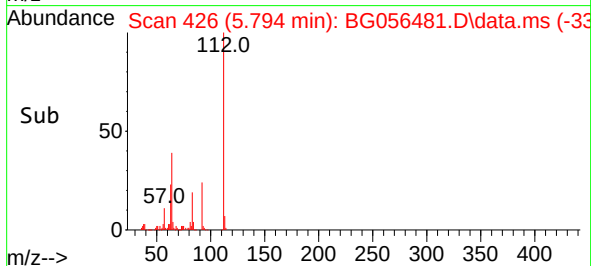
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 112 Resp: 177112
Ion Ratio Lower Upper
112 100
64 39.1 31.9 47.9
63 22.8 17.4 26.0

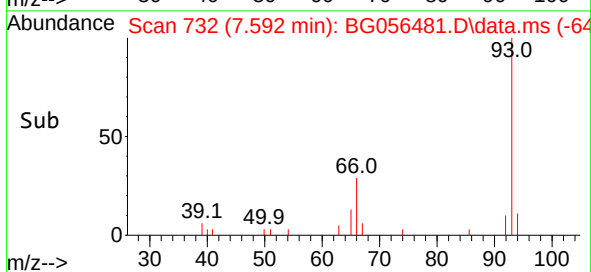
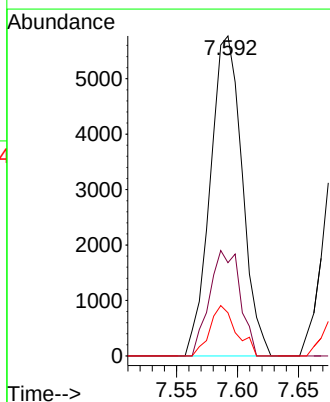
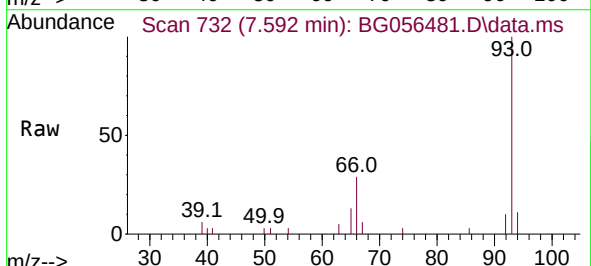
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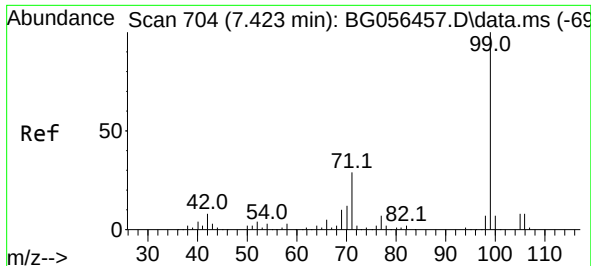
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#6
Aniline
Concen: 3.429 ng
RT: 7.592 min Scan# 732
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion: 93 Resp: 10512
Ion Ratio Lower Upper
93 100
66 29.1 22.2 33.2
65 13.5 11.3 16.9





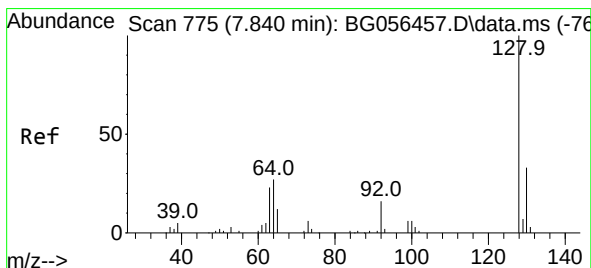
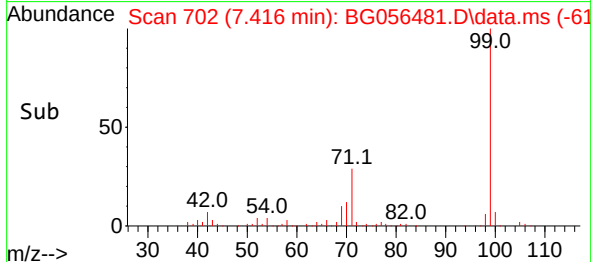
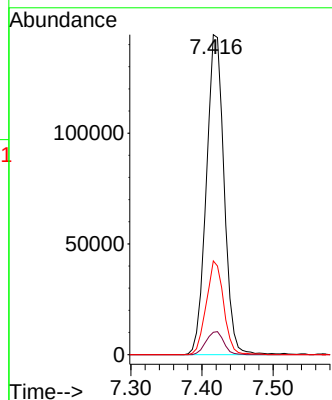
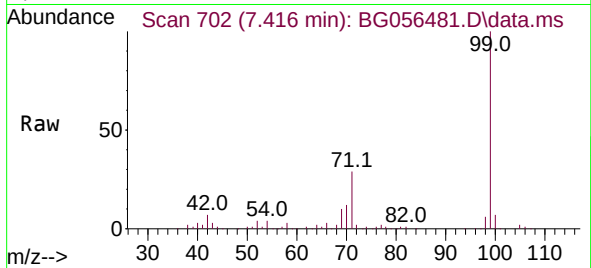
#7
Phenol-d6
Concen: 106.808 ng
RT: 7.416 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 99 Resp: 250100
Ion Ratio Lower Upper
99 100
42 7.0 6.6 10.0
71 29.3 23.4 35.0

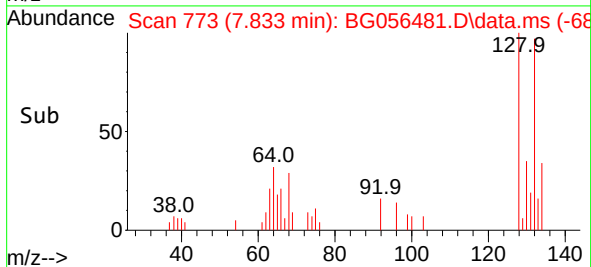
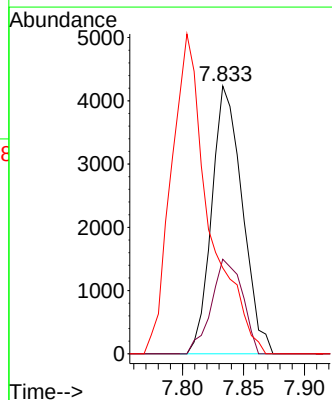
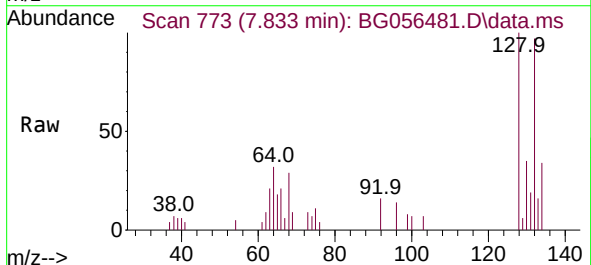
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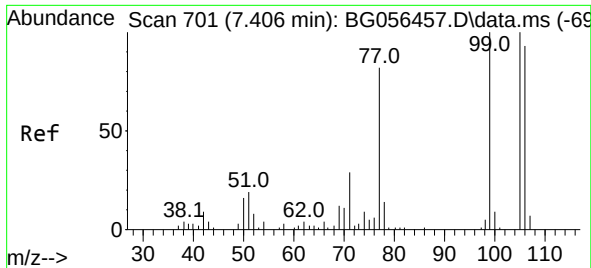
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#8
2-Chlorophenol
Concen: 4.247 ng
RT: 7.833 min Scan# 773
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:128 Resp: 7373
Ion Ratio Lower Upper
128 100
130 35.4 12.8 52.8
64 32.1 11.3 51.3





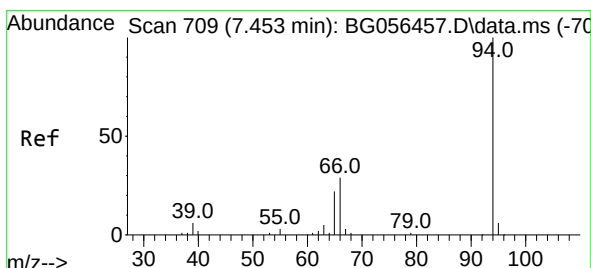
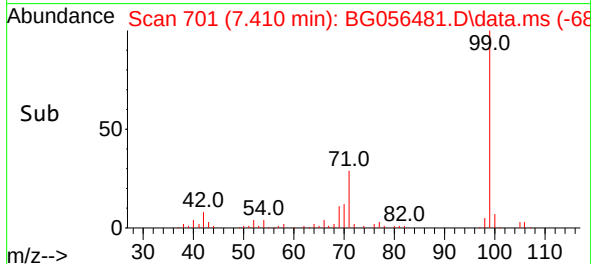
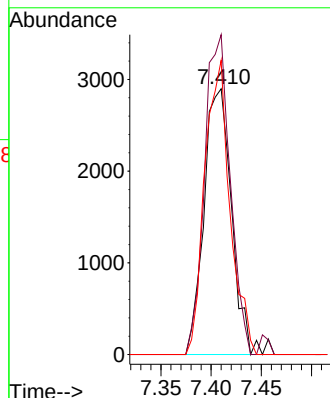
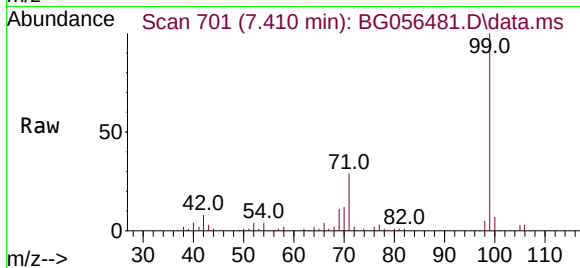
#9
Benzaldehyde
Concen: 3.687 ng
RT: 7.410 min Scan# 701
Delta R.T. 0.010 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 77 Resp: 557
Ion Ratio Lower Upper
77 100
105 120.4 101.8 141.8
106 110.7 93.0 133.0

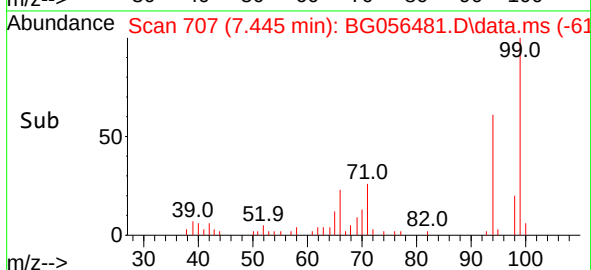
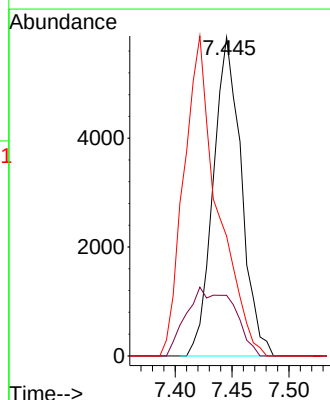
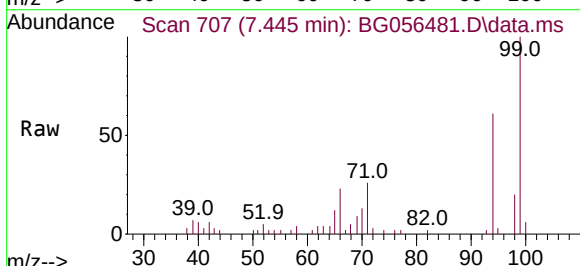
Manual Integrations
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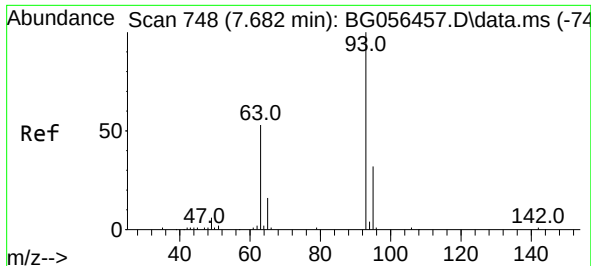
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#10
Phenol
Concen: 4.217 ng
RT: 7.445 min Scan# 707
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

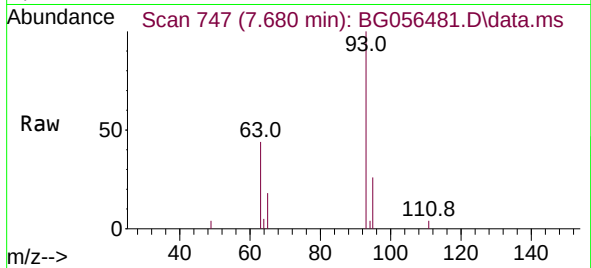
Tgt Ion: 94 Resp: 10036
Ion Ratio Lower Upper
94 100
65 19.0 2.3 42.3
66 37.6 11.2 51.2





#11
bis(2-Chloroethyl)ether
Concen: 3.560 ng
RT: 7.680 min Scan# 748
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

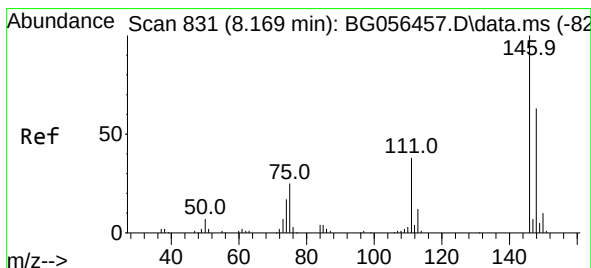
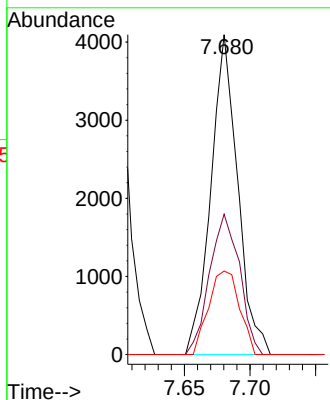
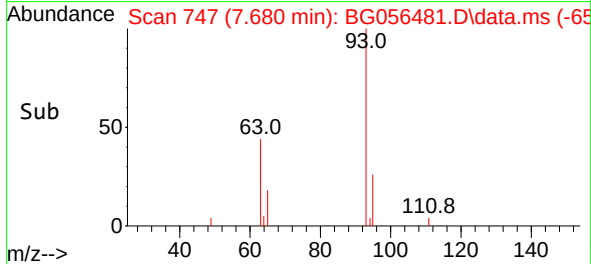
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 93 Resp: 5824
Ion Ratio Lower Upper
93 100
63 43.9 32.4 72.4
95 26.1 11.8 51.8

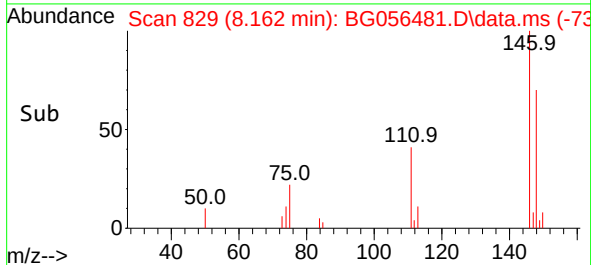
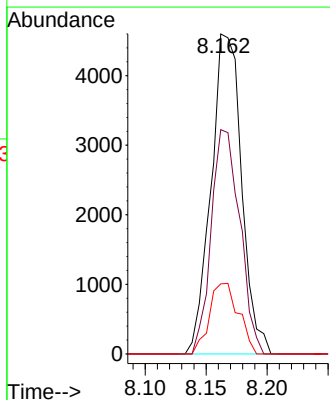
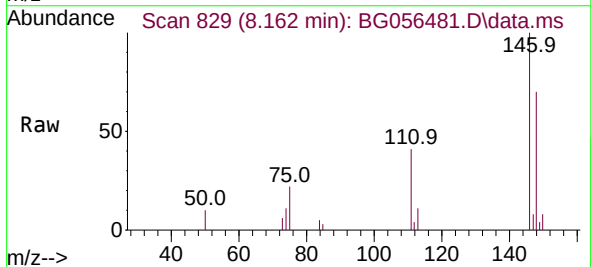
Manual Integrations
APPROVED

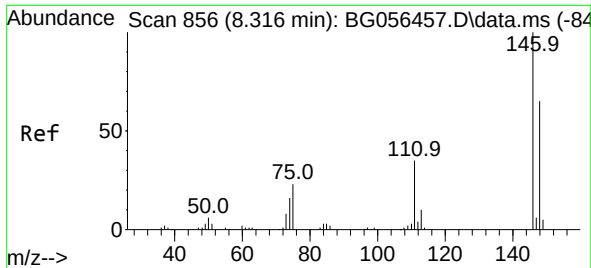
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#12
1,3-Dichlorobenzene
Concen: 4.010 ng
RT: 8.162 min Scan# 829
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:146 Resp: 8015
Ion Ratio Lower Upper
146 100
148 70.1 50.6 75.8
75 21.9 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 4.086 ng

RT: 8.315 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG056481.D

Acq: 31 Jan 2023 11:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 827

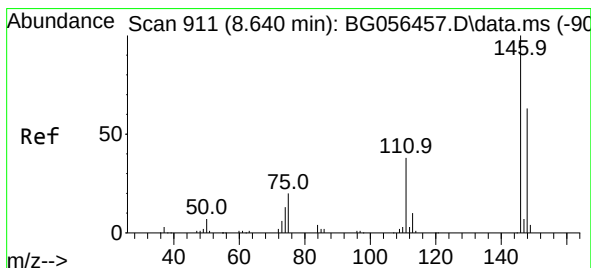
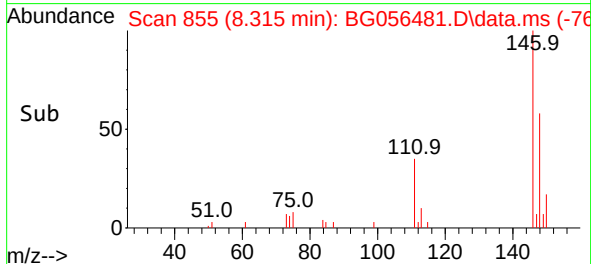
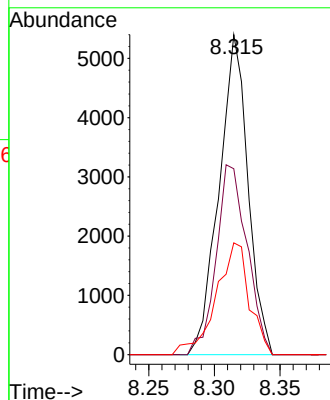
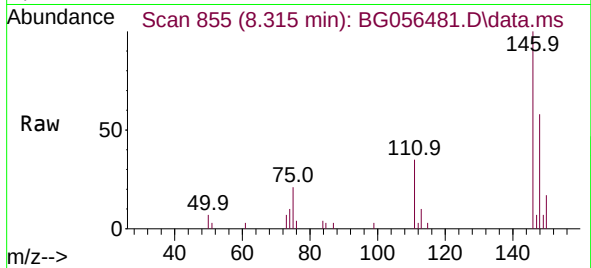
Ion	Ratio	Lower	Upper
146	100		
148	58.1	51.8	77.6
111	34.9	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 3.867 ng m

RT: 8.638 min Scan# 910

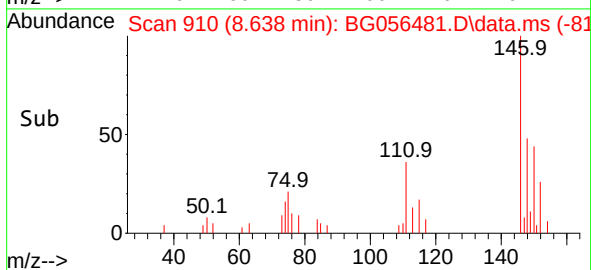
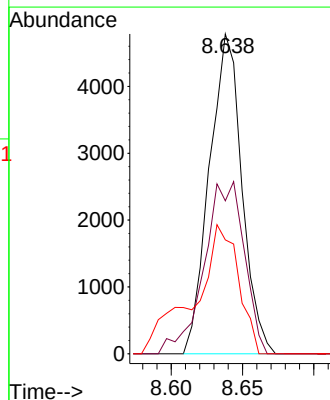
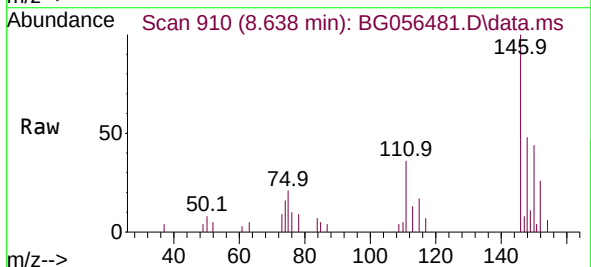
Delta R.T. 0.004 min

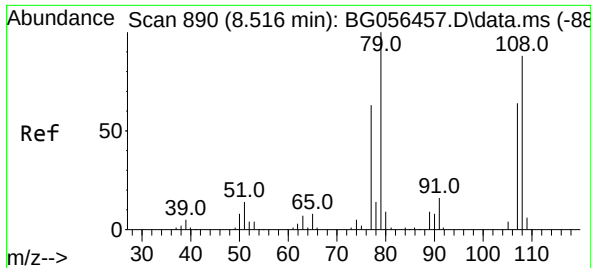
Lab File: BG056481.D

Acq: 31 Jan 2023 11:27

Tgt Ion:146 Resp: 7594

Ion	Ratio	Lower	Upper
146	100		
148	47.8	50.1	75.1#
111	35.6	30.9	46.3





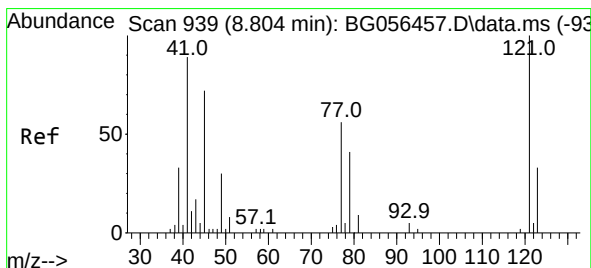
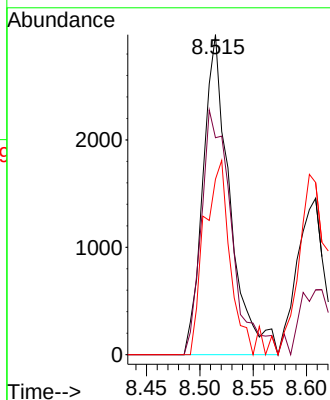
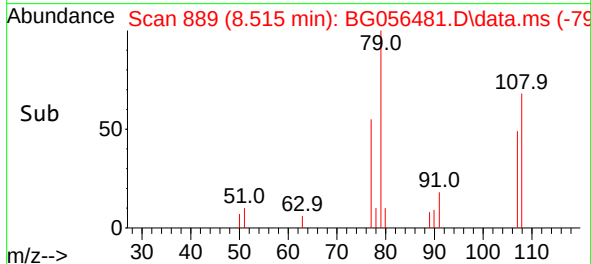
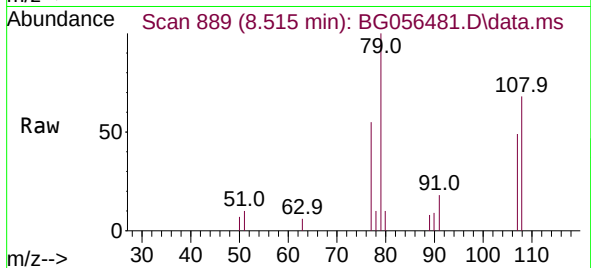
#15
Benzyl Alcohol
Concen: 3.250 ng
RT: 8.515 min Scan# 889
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 79 Resp: 522
Ion Ratio Lower Upper
79 100
108 67.8 70.1 105.1#
77 54.8 50.3 75.5

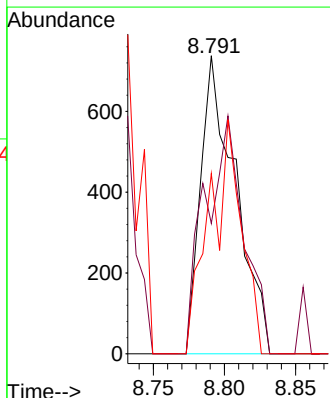
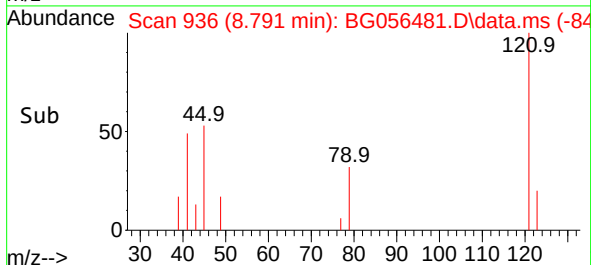
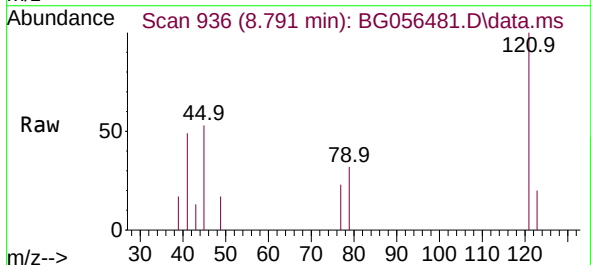
Manual Integrations
APPROVED

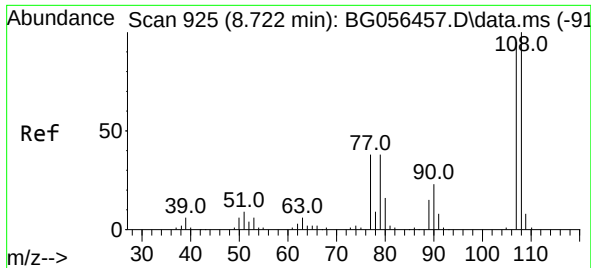
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.632 ng
RT: 8.791 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

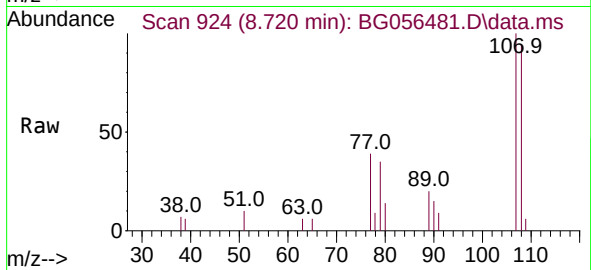
Tgt Ion: 45 Resp: 1259
Ion Ratio Lower Upper
45 100
77 43.8 62.1 102.1#
79 60.4 42.7 82.7





#17
2-Methylphenol
Concen: 3.351 ng
RT: 8.720 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

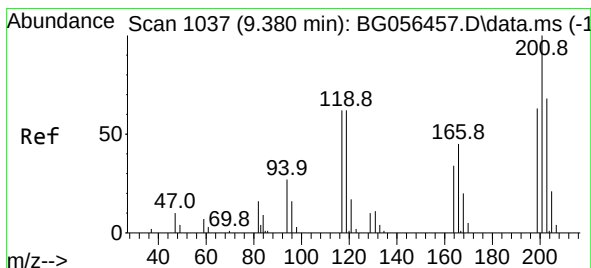
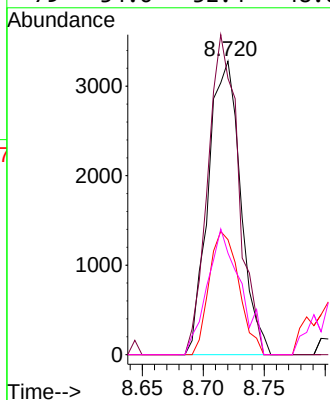
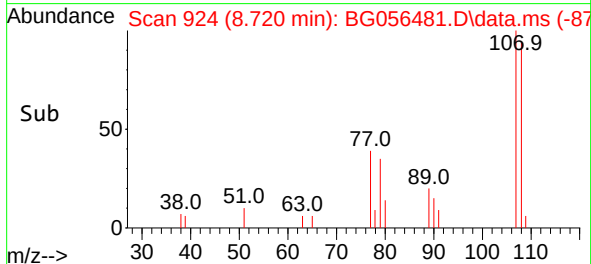
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



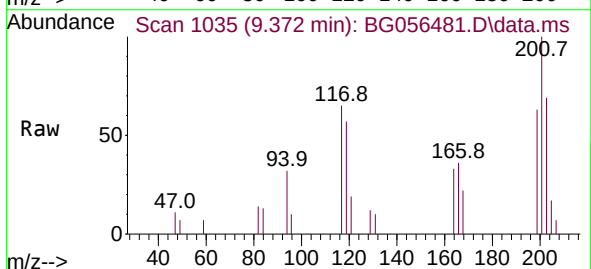
Tgt Ion:107 Resp: 6062
Ion Ratio Lower Upper
107 100
108 94.1 83.9 125.9
77 39.2 31.6 47.4
79 34.6 32.4 48.6

Manual Integrations
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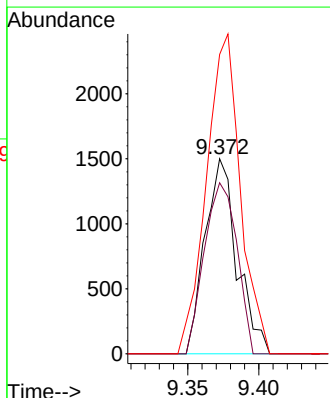
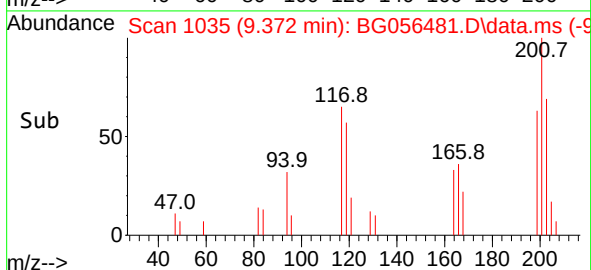
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

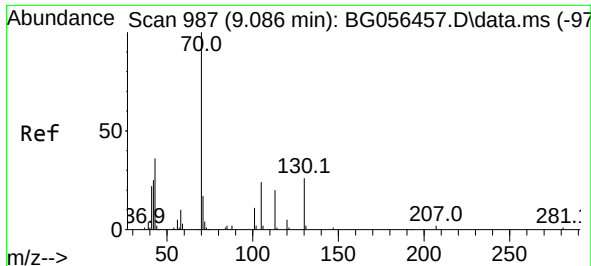


#18
Hexachloroethane
Concen: 3.841 ng
RT: 9.372 min Scan# 1035
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



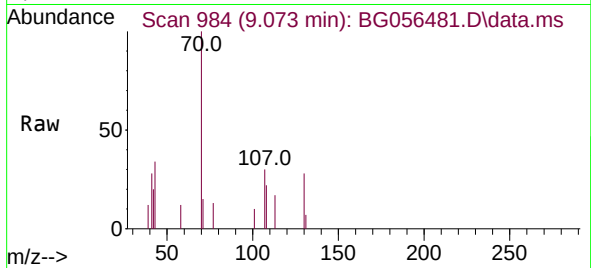
Tgt Ion:117 Resp: 2352
Ion Ratio Lower Upper
117 100
119 87.7 79.4 119.0
201 153.5 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 3.798 ng
RT: 9.073 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

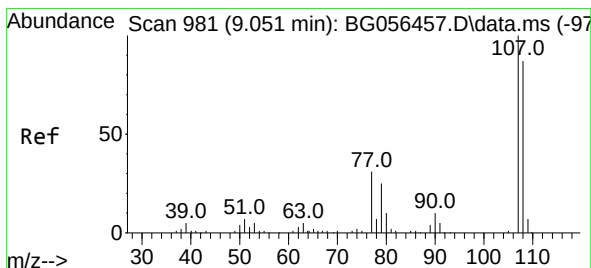
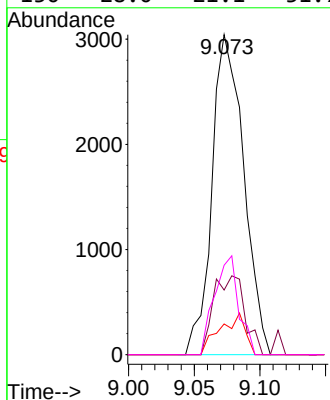
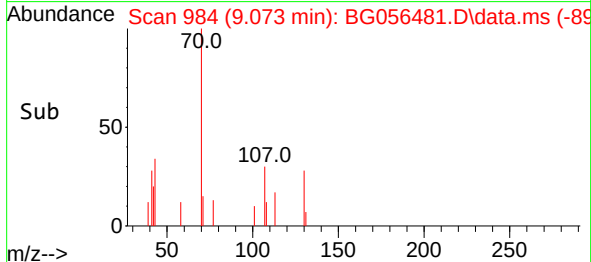
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 70 Resp: 5125
Ion Ratio Lower Upper
70 100
42 20.2 20.2 30.4
101 9.6 9.1 13.7
130 28.0 21.1 31.7

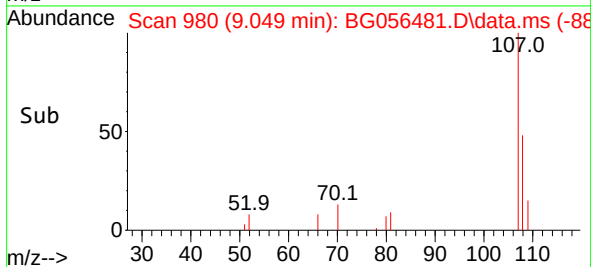
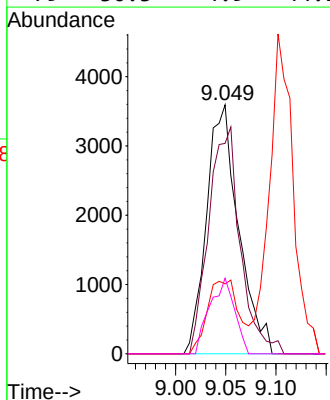
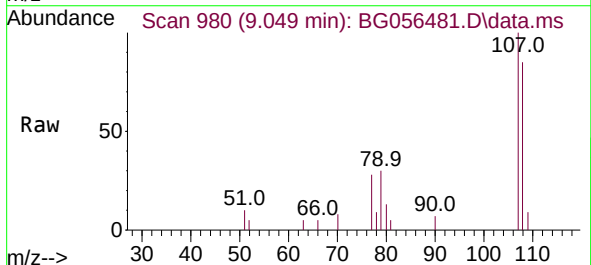
Manual Integrations
APPROVED

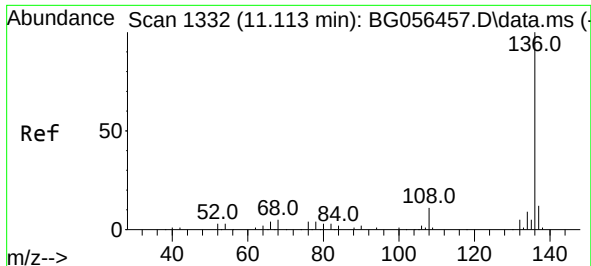
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#20
3+4-Methylphenols
Concen: 3.142 ng
RT: 9.049 min Scan# 980
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

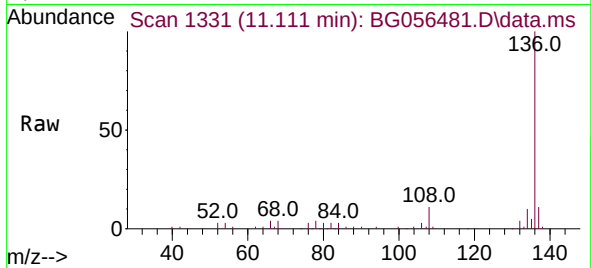
Tgt Ion:107 Resp: 7972
Ion Ratio Lower Upper
107 100
108 84.5 66.7 106.7
77 28.1 10.6 50.6
79 30.3 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1332
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

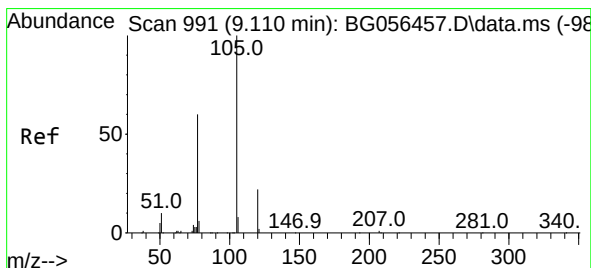
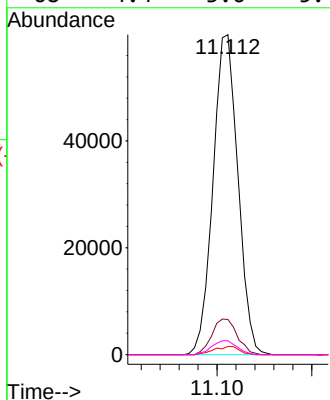
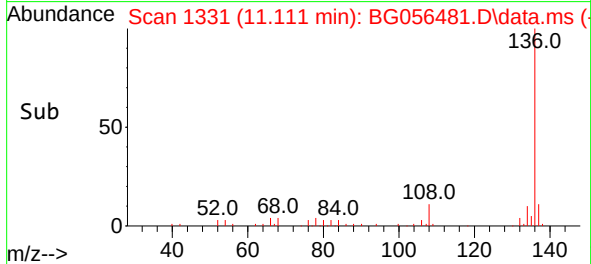
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:136 Resp: 109190
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.6 2.2 3.4
68 4.4 3.6 5.4

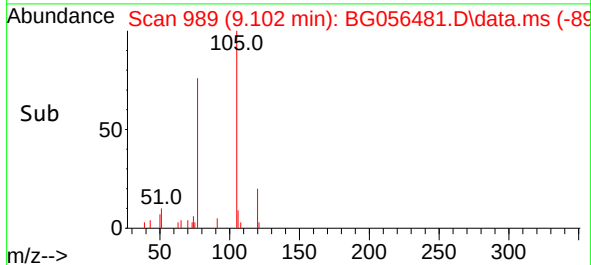
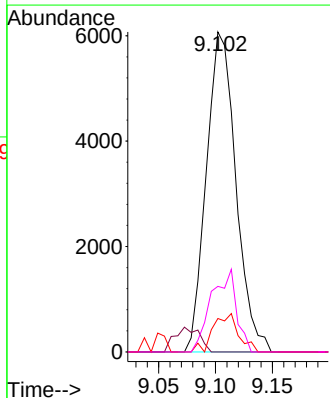
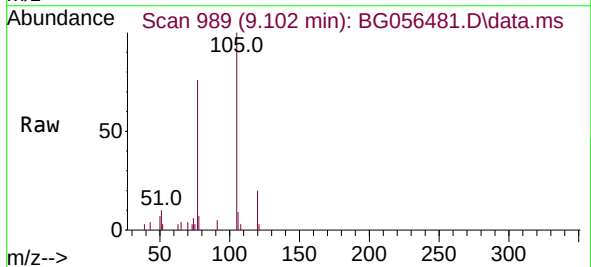
Manual Integrations
APPROVED

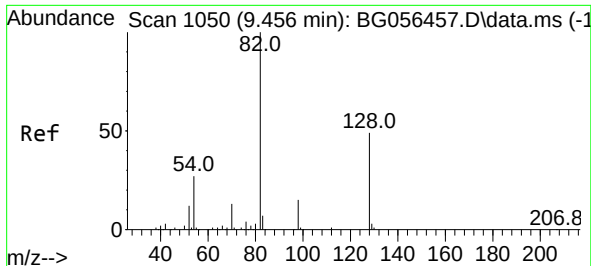
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 3.782 ng
RT: 9.102 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

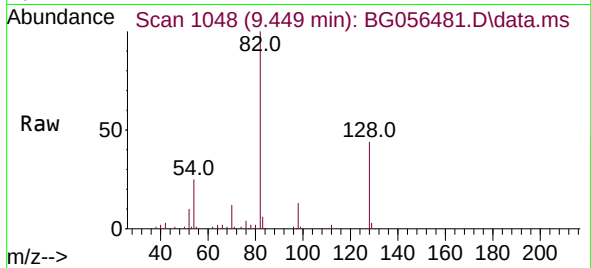
Tgt Ion:105 Resp: 10971
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8
51 10.4 9.2 13.8
120 20.5 17.4 26.0





#23
Nitrobenzene-d5
Concen: 74.896 ng
RT: 9.449 min Scan# 1048
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

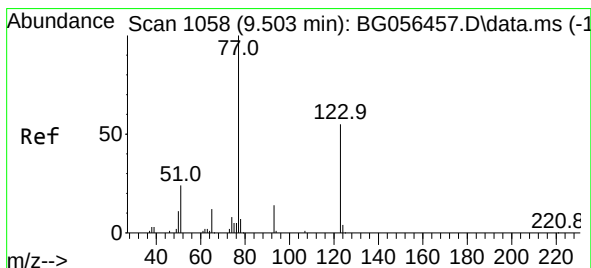
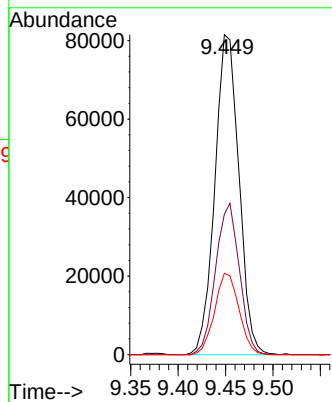
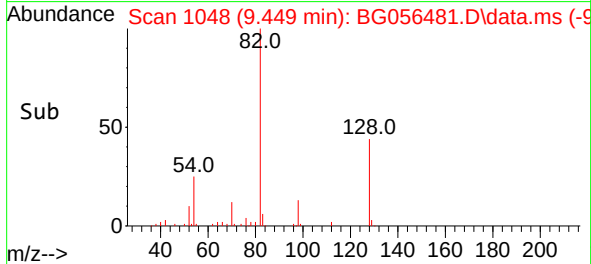
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 82 Resp: 144016
Ion Ratio Lower Upper
82 100
128 43.9 39.4 59.2
54 25.4 21.4 32.2

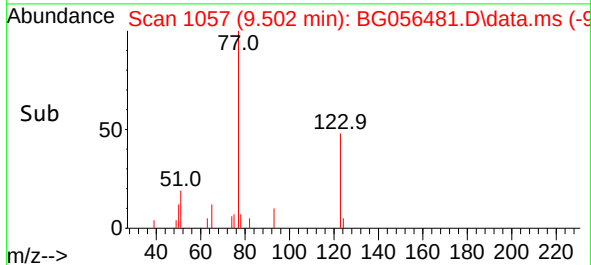
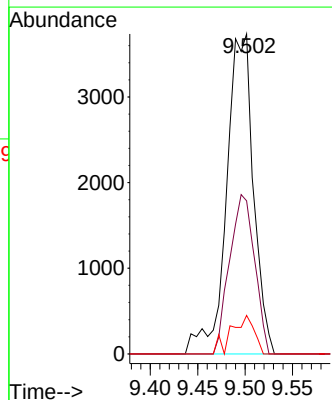
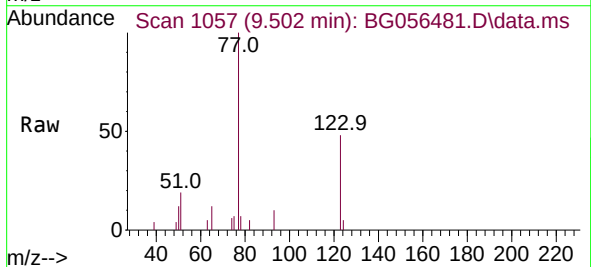
Manual Integrations
APPROVED

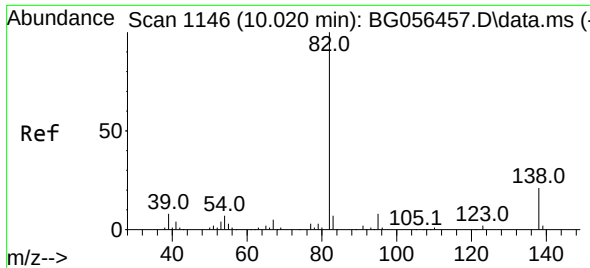
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#24
Nitrobenzene
Concen: 3.985 ng
RT: 9.502 min Scan# 1057
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion: 77 Resp: 7391
Ion Ratio Lower Upper
77 100
123 47.8 44.0 66.0
65 12.0 9.7 14.5





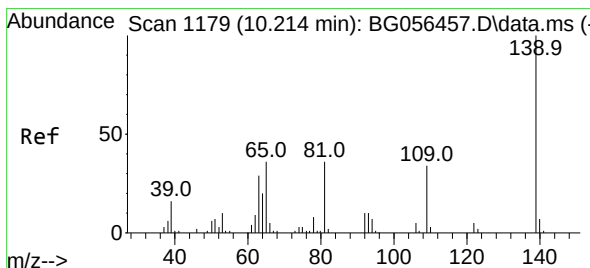
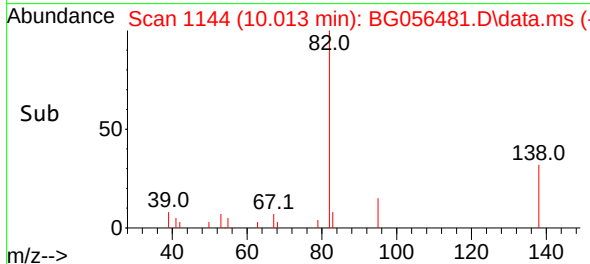
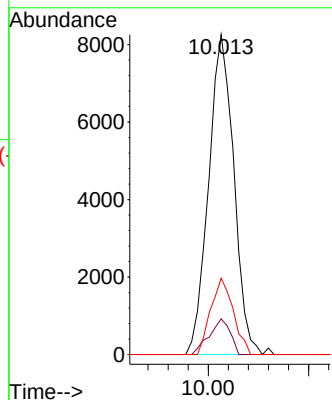
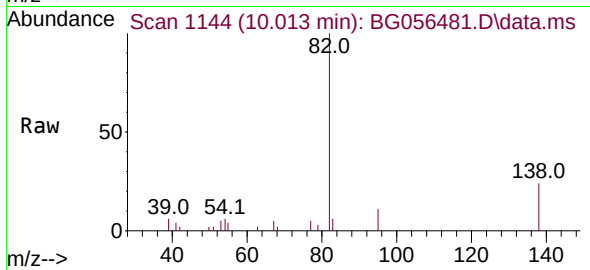
#25
Isophorone
Concen: 3.644 ng
RT: 10.013 min Scan# 1145
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 82 Resp: 1445
Ion Ratio Lower Upper
82 100
95 11.2 6.3 9.5
138 23.9 16.6 25.0

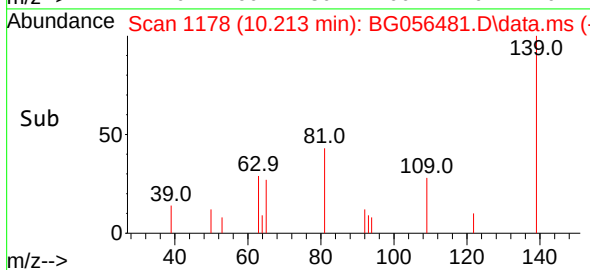
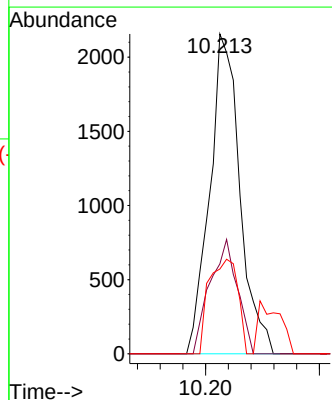
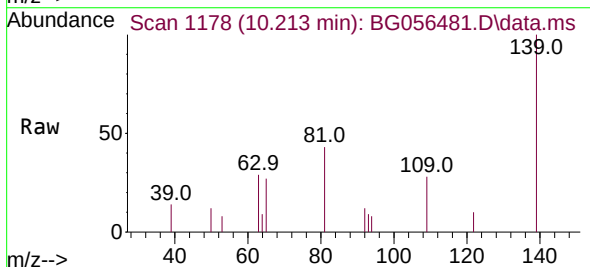
Manual Integrations
APPROVED

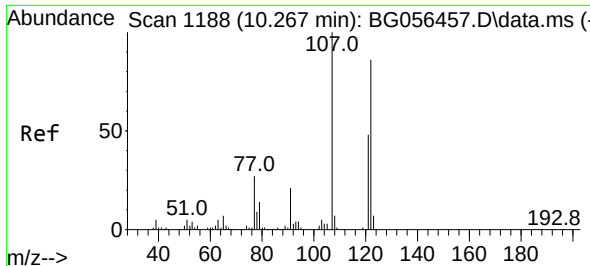
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 3.528 ng
RT: 10.213 min Scan# 1178
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:139 Resp: 3970
Ion Ratio Lower Upper
139 100
109 28.1 26.9 40.3
65 26.5 29.0 43.4#





#27

2,4-Dimethylphenol

Concen: 3.416 ng

RT: 10.260 min Scan# 1188

Delta R.T. 0.004 min

Lab File: BG056481.D

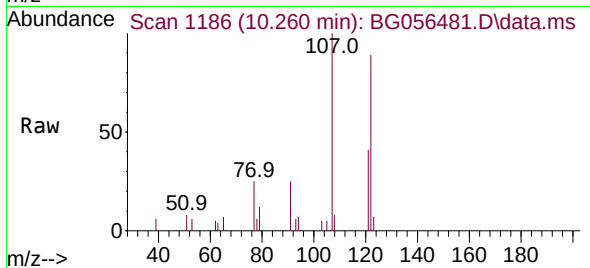
Acq: 31 Jan 2023 11:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



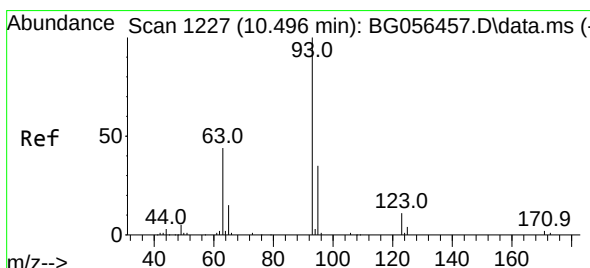
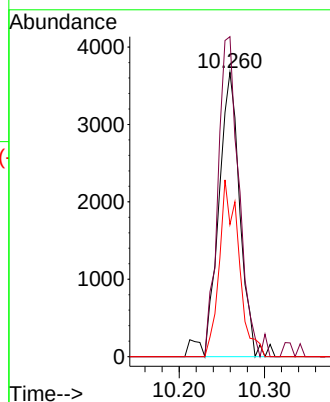
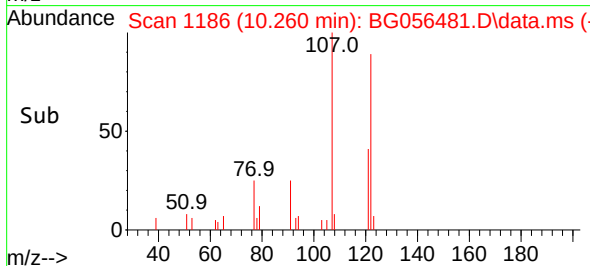
Tgt Ion:	122	Resp:	6434
Ion Ratio	Lower	Upper	
122	100		
107	112.6	92.9	139.3
121	46.4	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.933 ng

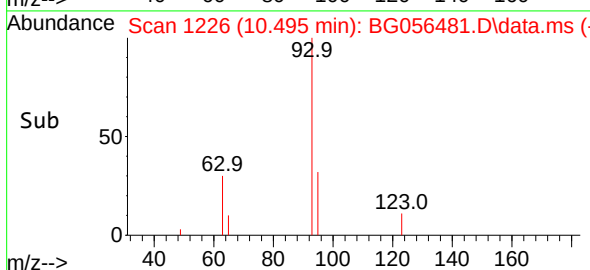
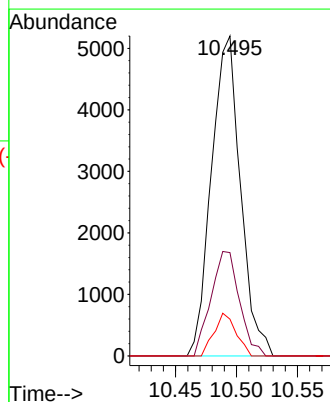
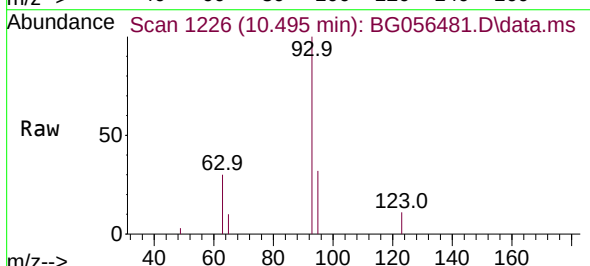
RT: 10.495 min Scan# 1226

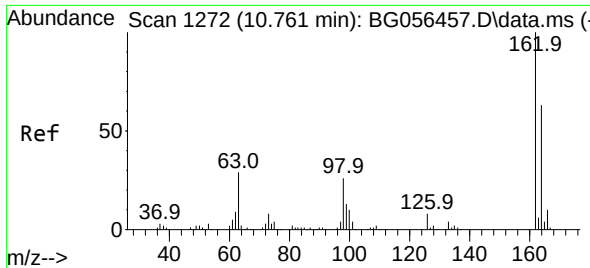
Delta R.T. 0.004 min

Lab File: BG056481.D

Acq: 31 Jan 2023 11:27

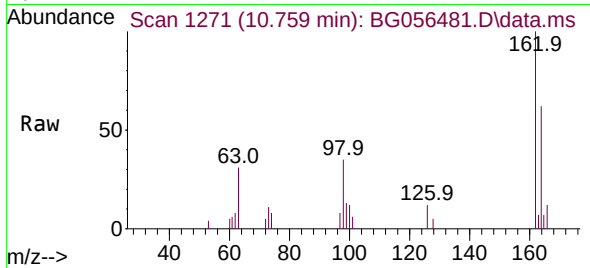
Tgt Ion:	93	Resp:	8620
Ion Ratio	Lower	Upper	
93	100		
95	32.3	27.9	41.9
123	11.5	8.6	12.8





#29
2,4-Dichlorophenol
Concen: 3.311 ng
RT: 10.759 min Scan# 1271
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

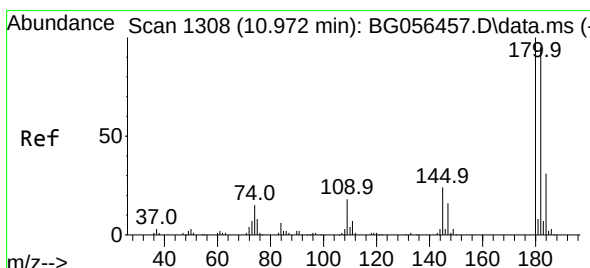
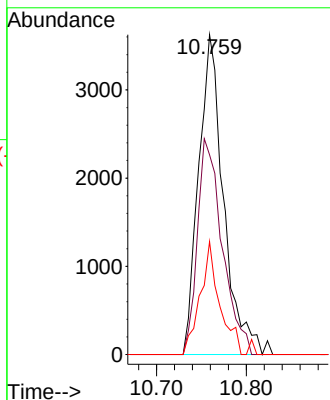
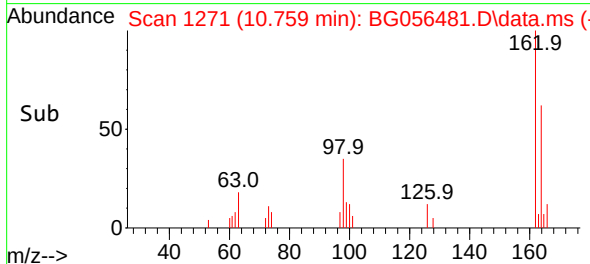
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



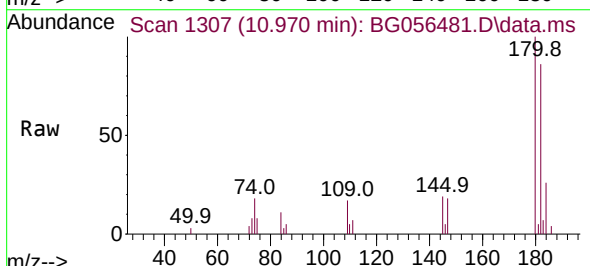
Tgt Ion:162 Resp: 7018
Ion Ratio Lower Upper
162 100
164 69.4 42.8 82.8
98 35.3 6.5 46.5

Manual Integrations
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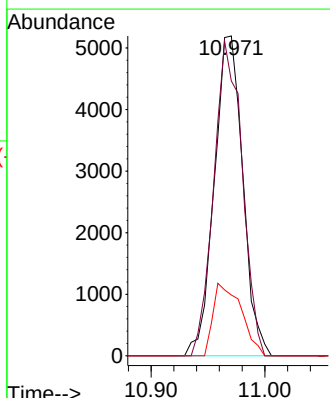
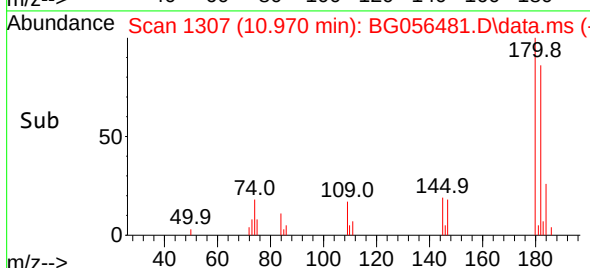
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

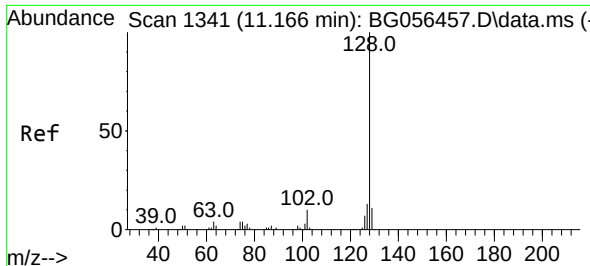


#30
1,2,4-Trichlorobenzene
Concen: 3.837 ng
RT: 10.970 min Scan# 1307
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



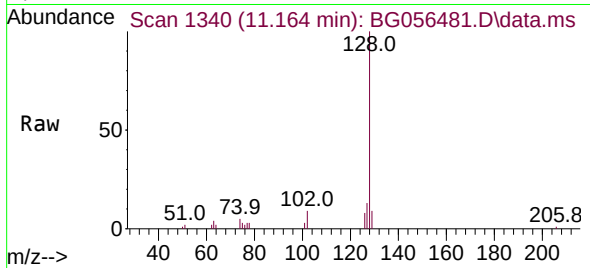
Tgt Ion:180 Resp: 9040
Ion Ratio Lower Upper
180 100
182 85.9 75.9 113.9
145 19.0 19.4 29.0#





#31
Naphthalene
Concen: 3.642 ng
RT: 11.164 min Scan# 1341
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

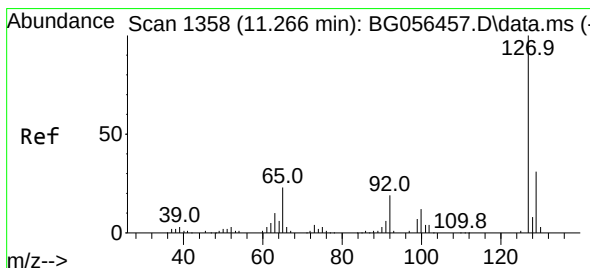
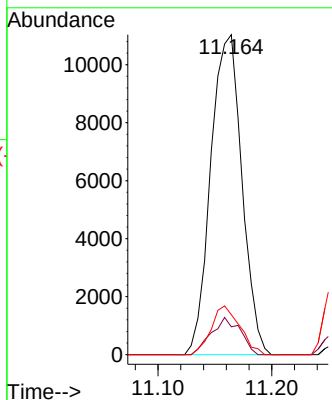
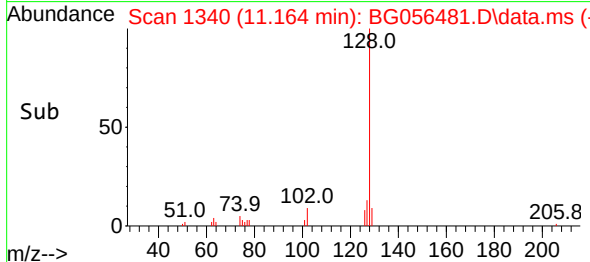
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



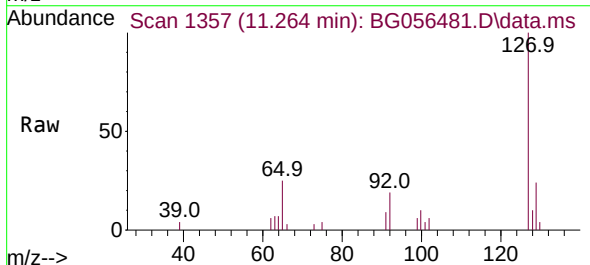
Tgt Ion:128 Resp: 20991
Ion Ratio Lower Upper
128 100
129 8.7 8.7 13.1
127 12.5 10.4 15.6

Manual Integrations
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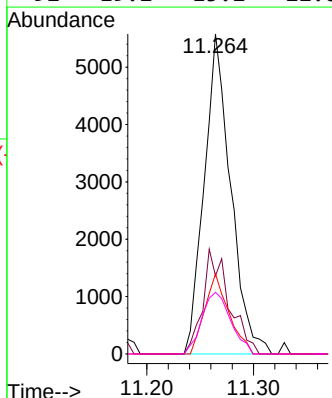
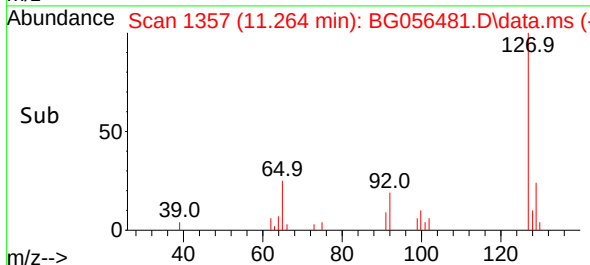
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

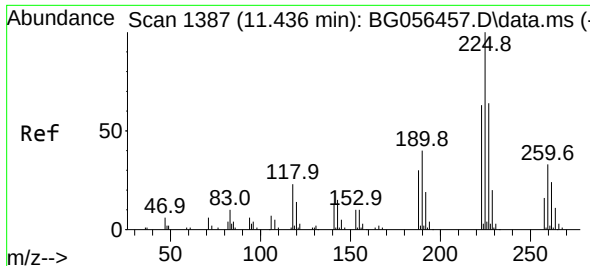


#33
4-Chloroaniline
Concen: 3.579 ng
RT: 11.264 min Scan# 1357
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



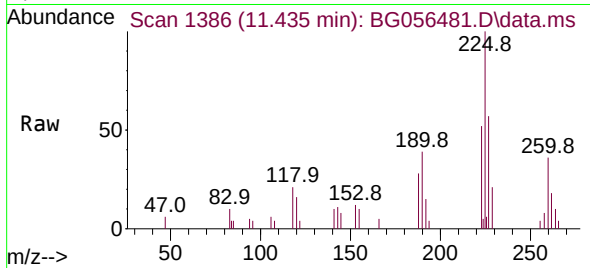
Tgt Ion:127 Resp: 9628
Ion Ratio Lower Upper
127 100
129 24.4 25.0 37.6
65 25.0 18.5 27.7
92 19.2 15.2 22.8





#34
Hexachlorobutadiene
Concen: 3.955 ng
RT: 11.435 min Scan# 1387
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

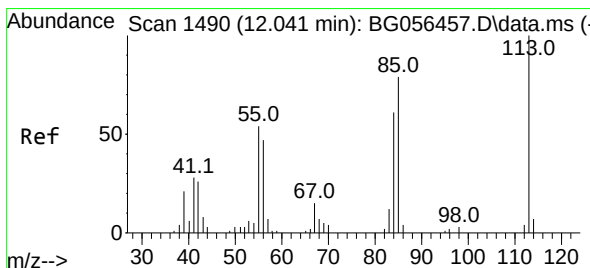
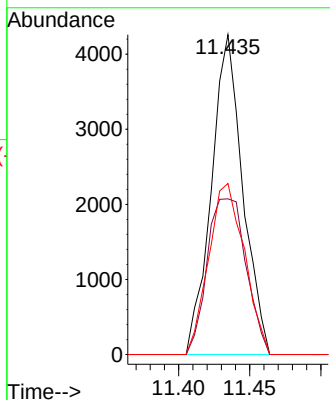
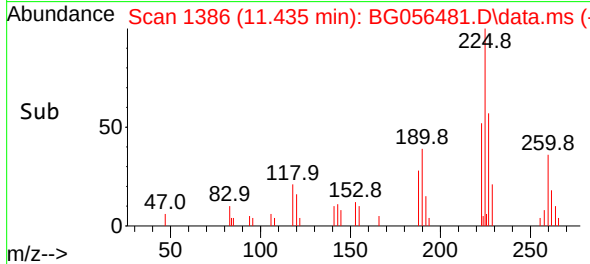
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:225 Resp: 6540
Ion Ratio Lower Upper
225 100
223 53.8 50.6 75.8
227 53.5 53.7 80.5

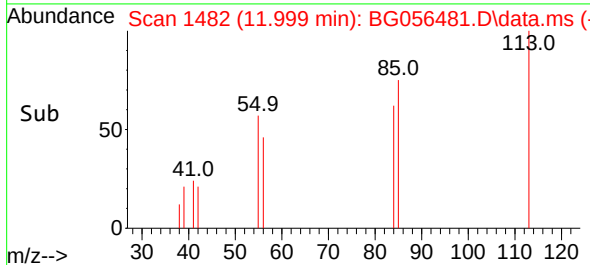
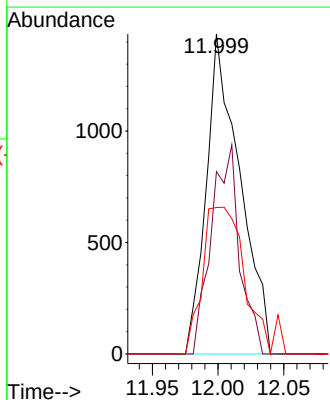
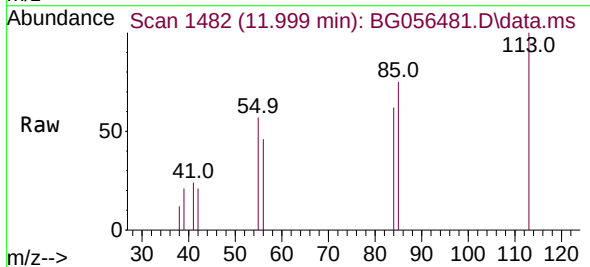
Manual Integrations
APPROVED

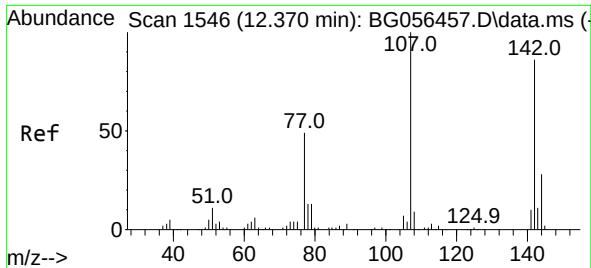
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#35
Caprolactam
Concen: 3.572 ng
RT: 11.999 min Scan# 1482
Delta R.T. -0.031 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

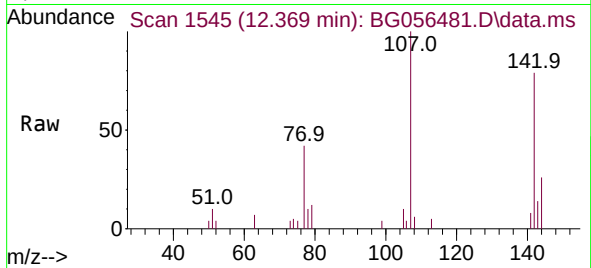
Tgt Ion:113 Resp: 2554
Ion Ratio Lower Upper
113 100
55 57.0 33.7 73.7
56 45.8 27.1 67.1





#36
4-Chloro-3-methylphenol
Concen: 3.843 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

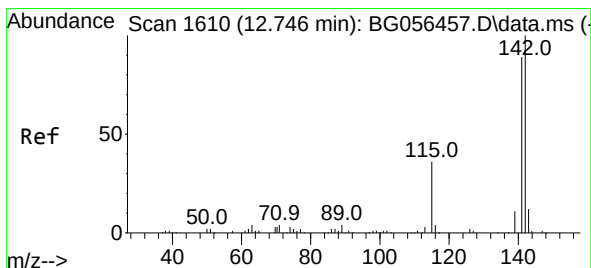
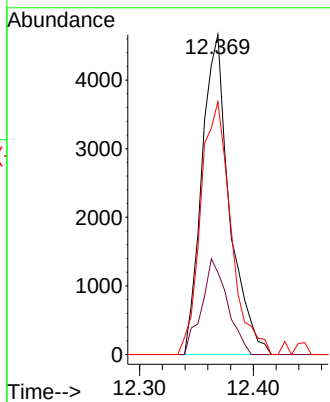
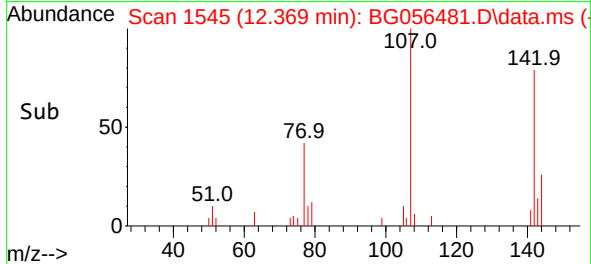
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



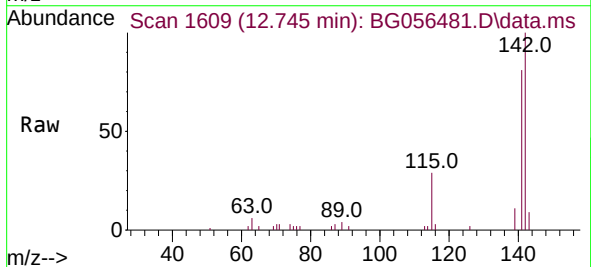
Tgt Ion:107 Resp: 786
Ion Ratio Lower Upper
107 100
144 25.7 22.3 33.5
142 79.0 68.9 103.3

Manual Integrations
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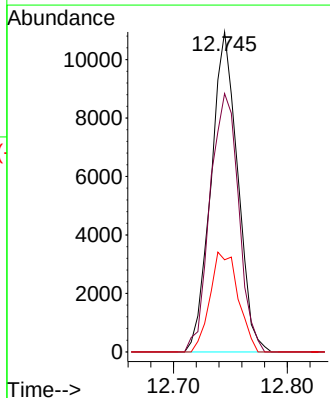
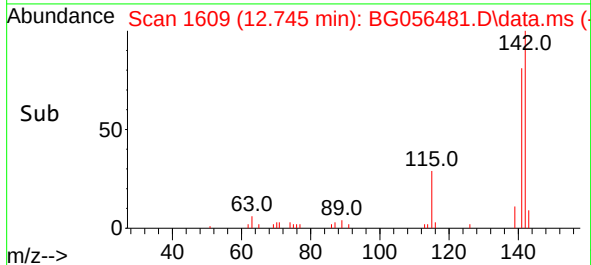
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

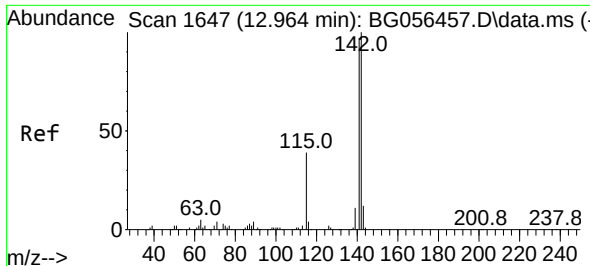


#37
2-Methylnaphthalene
Concen: 3.752 ng
RT: 12.745 min Scan# 1609
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



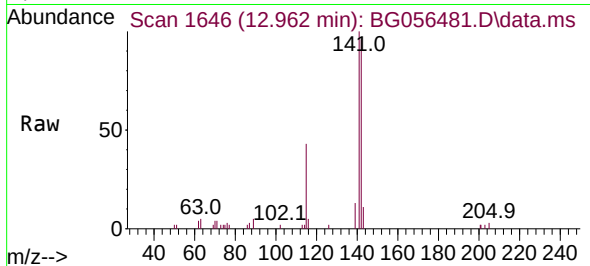
Tgt Ion:142 Resp: 17827
Ion Ratio Lower Upper
142 100
141 80.7 71.4 107.0
115 28.8 28.4 42.6





#38
1-Methylnaphthalene
Concen: 3.540 ng
RT: 12.962 min Scan# 1646
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

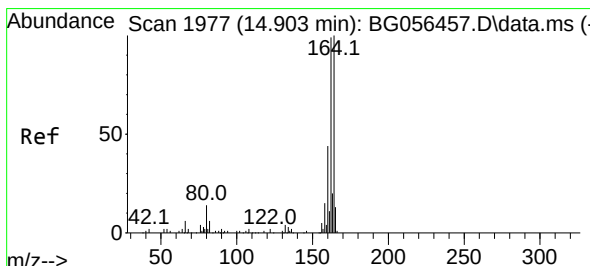
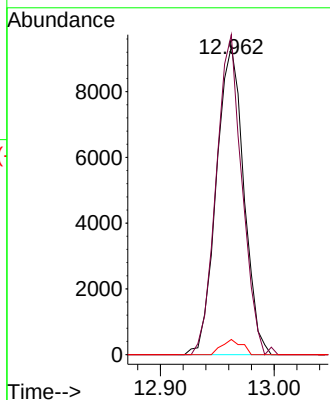
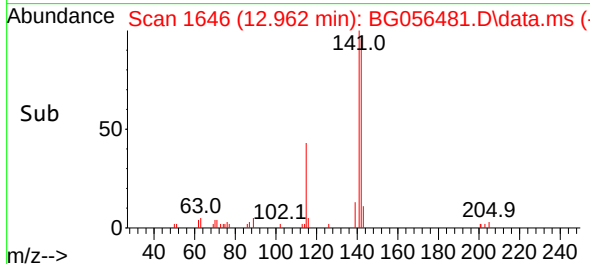
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion:142 Resp: 1570
Ion Ratio Lower Upper
142 100
141 103.8 77.7 116.5
116 4.9 3.4 5.2

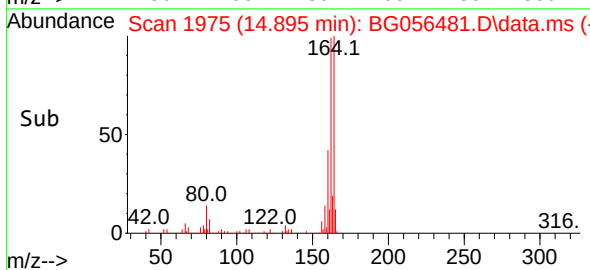
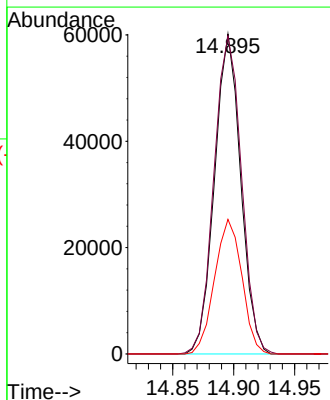
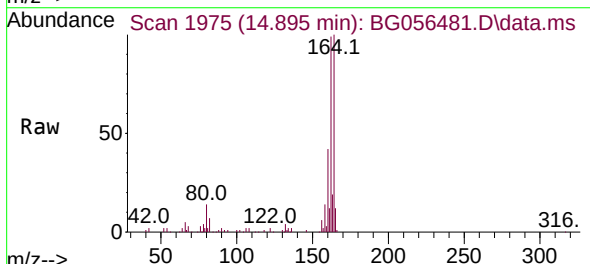
Manual Integrations
APPROVED

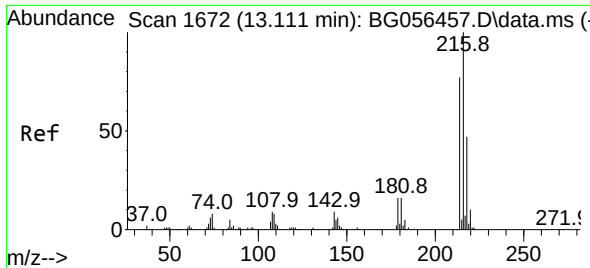
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.895 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

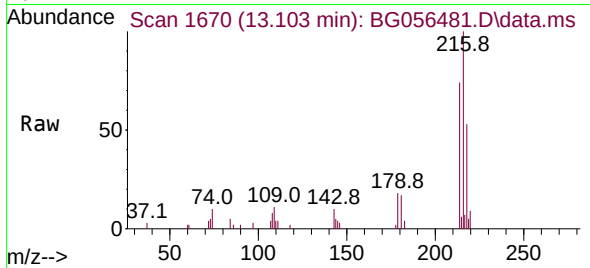
Tgt Ion:164 Resp: 89611
Ion Ratio Lower Upper
164 100
162 99.3 79.6 119.4
160 42.0 34.9 52.3





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.045 ng
RT: 13.103 min Scan# 1670
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

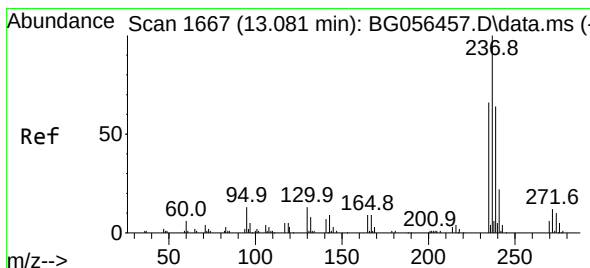
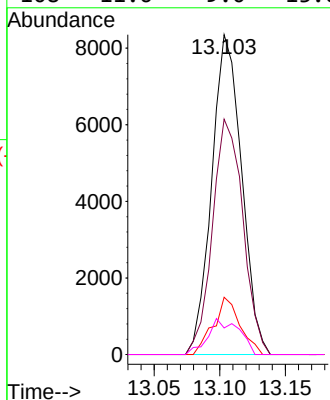
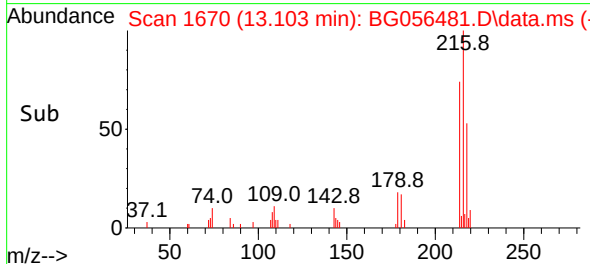
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



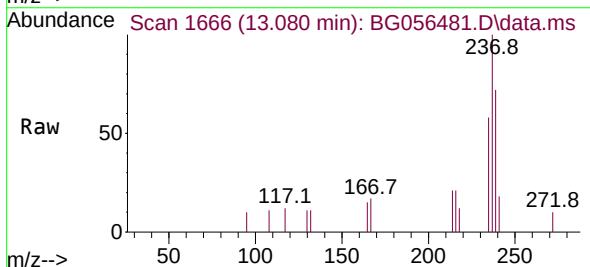
Tgt Ion: 216 Resp: 1324
Ion Ratio Lower Upper
216 100
214 74.8 63.0 94.6
179 16.0 14.1 21.1
108 11.6 9.0 13.6

Manual Integrations
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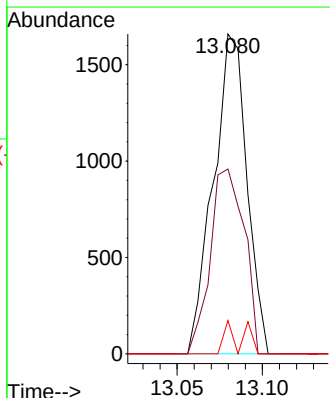
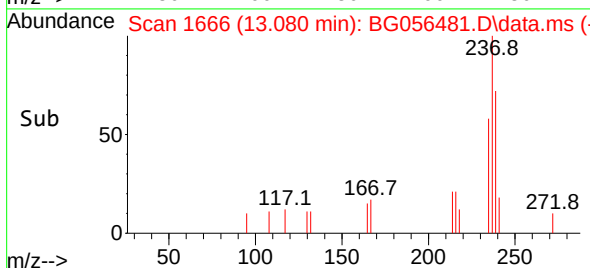
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023

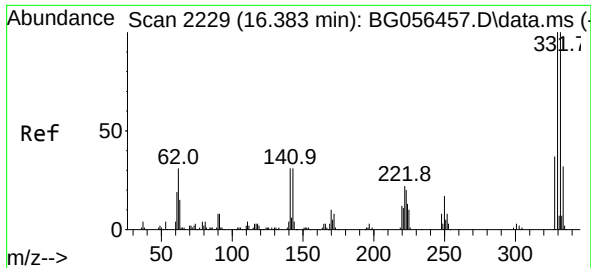


#41
Hexachlorocyclopentadiene
Concen: 7.574 ng
RT: 13.080 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



Tgt Ion: 237 Resp: 2268
Ion Ratio Lower Upper
237 100
235 57.8 45.6 85.6
272 10.4 0.0 32.3





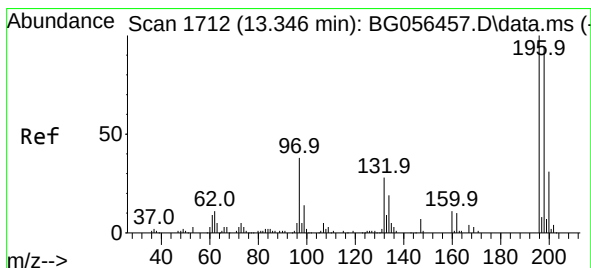
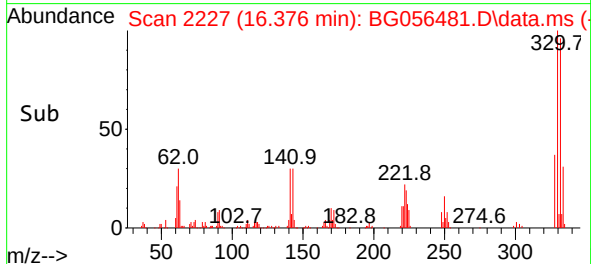
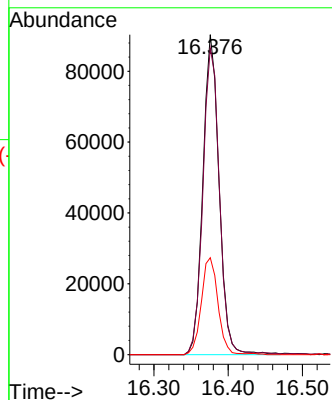
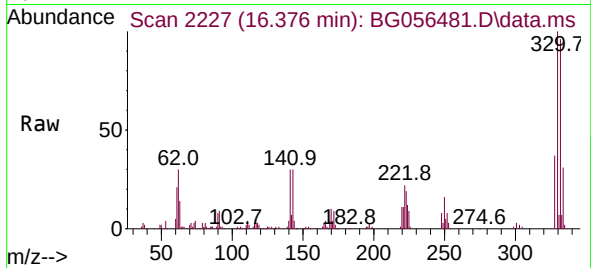
#42
2,4,6-Tribromophenol
Concen: 114.900 ng
RT: 16.376 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:330 Resp: 136883
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.6
141 31.0 24.2 36.4

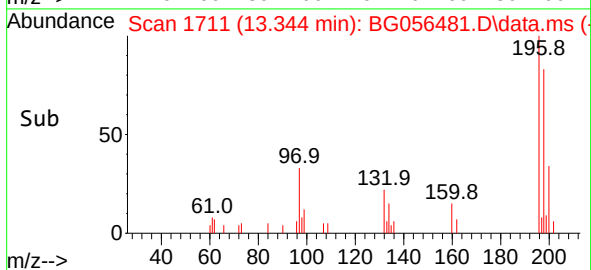
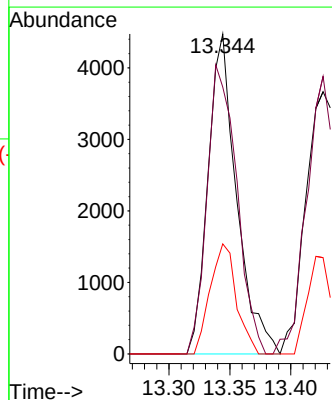
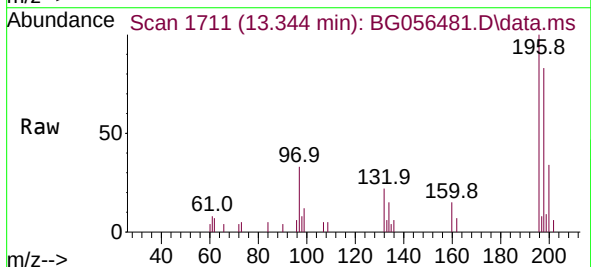
Manual Integrations
APPROVED

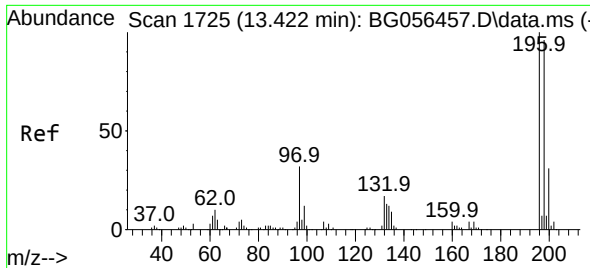
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#43
2,4,6-Trichlorophenol
Concen: 3.459 ng
RT: 13.344 min Scan# 1711
Delta R.T. 0.004 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

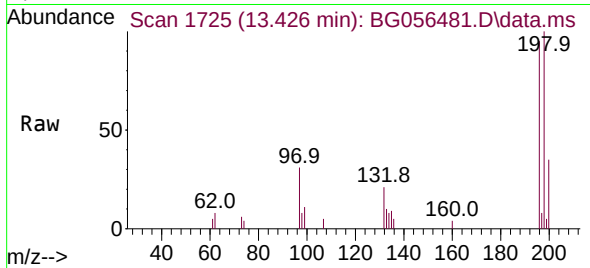
Tgt Ion:196 Resp: 7297
Ion Ratio Lower Upper
196 100
198 83.4 75.4 113.0
200 34.4 25.0 37.6





#44
2,4,5-Trichlorophenol
Concen: 3.106 ng
RT: 13.426 min Scan# 1740
Delta R.T. 0.010 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

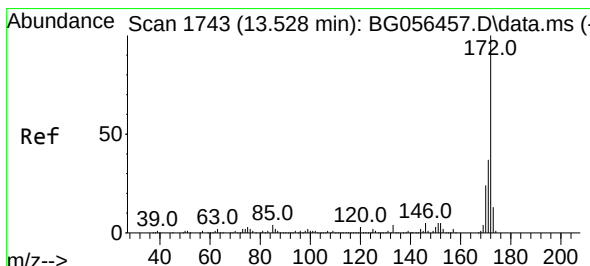
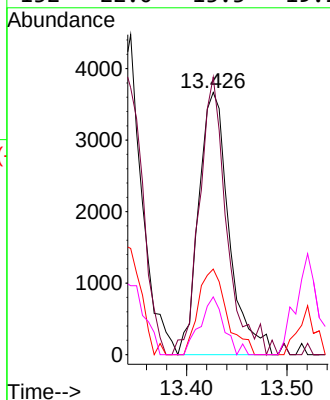
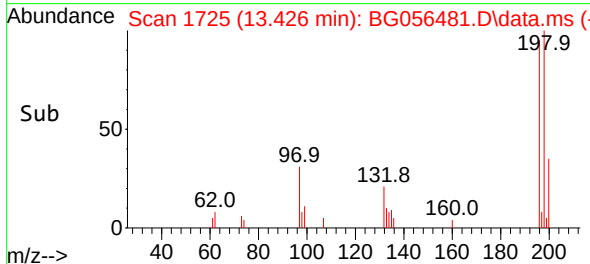
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:196 Resp: 767
Ion Ratio Lower Upper
196 100
198 105.8 76.9 115.3
97 32.6 25.8 38.6
132 22.0 13.3 19.9#

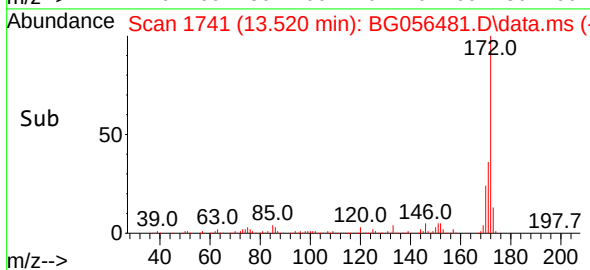
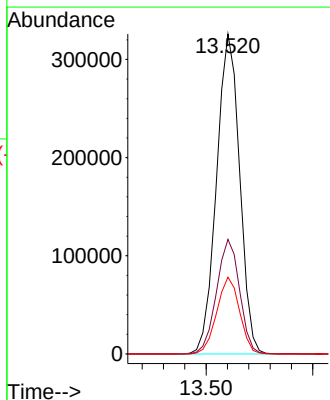
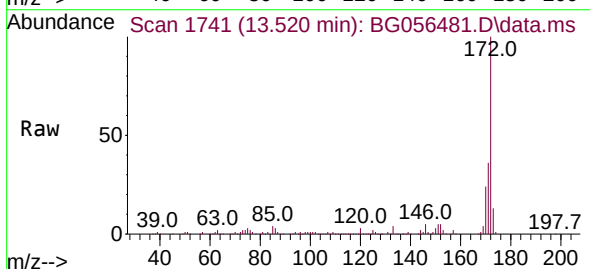
Manual Integrations
APPROVED

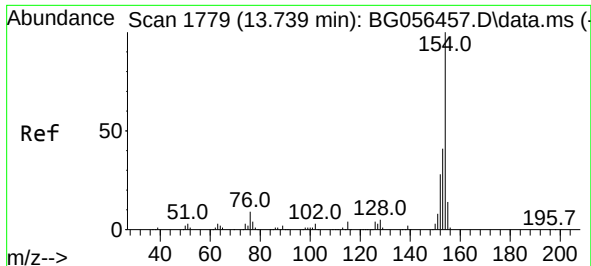
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#45
2-Fluorobiphenyl
Concen: 76.016 ng
RT: 13.520 min Scan# 1741
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:172 Resp: 491326
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 24.0 19.2 28.8





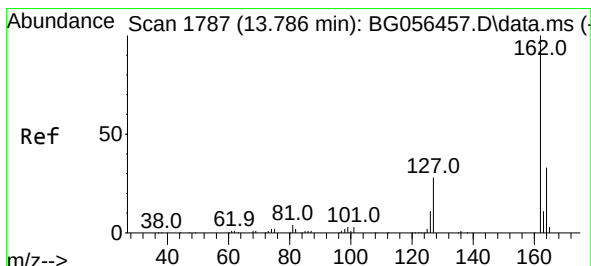
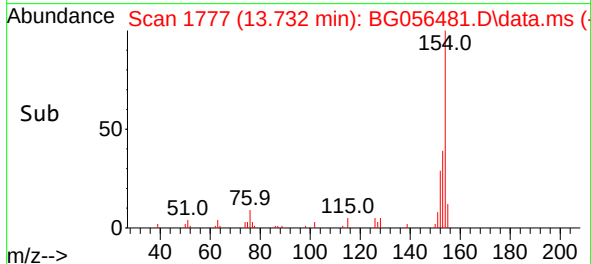
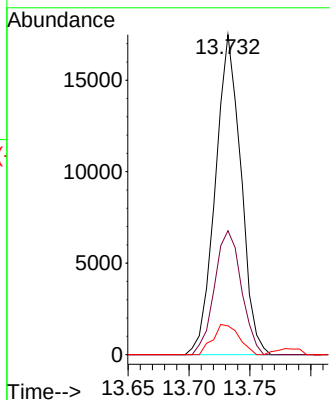
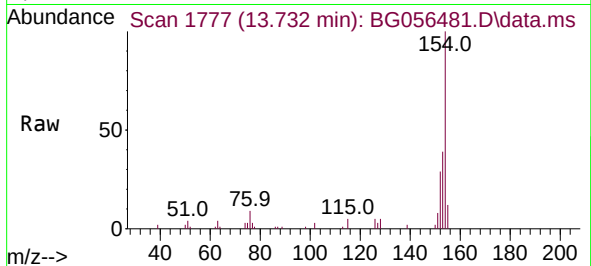
#46
 1,1'-Biphenyl
 Concen: 3.917 ng
 RT: 13.732 min Scan# 1777
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:154 Resp: 2546
 Ion Ratio Lower Upper
 154 100
 153 38.7 21.5 61.5
 76 9.0 0.0 28.8

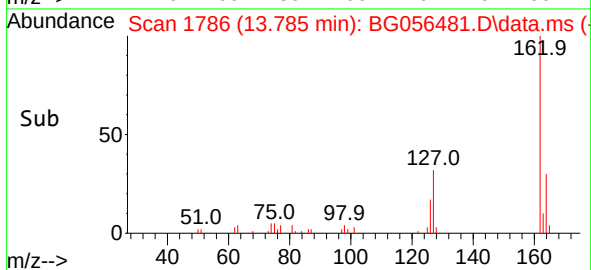
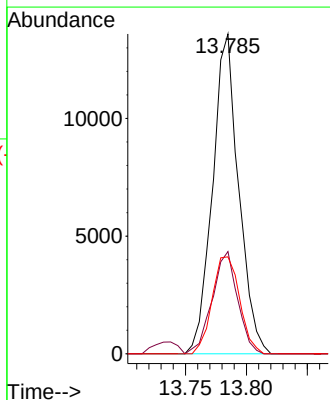
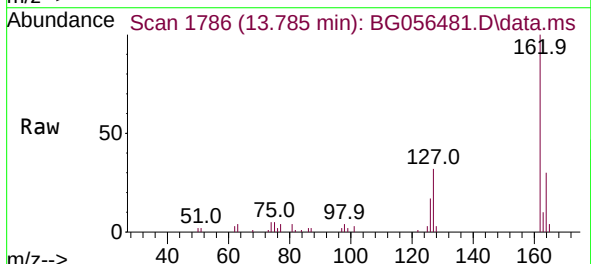
Manual Integrations
 APPROVED

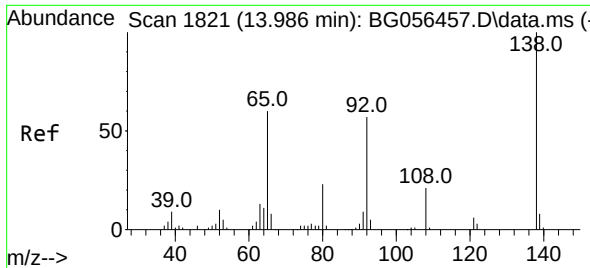
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#47
 2-Chloronaphthalene
 Concen: 3.986 ng
 RT: 13.785 min Scan# 1786
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

Tgt Ion:162 Resp: 20250
 Ion Ratio Lower Upper
 162 100
 127 32.0 25.2 37.8
 164 30.3 26.2 39.2





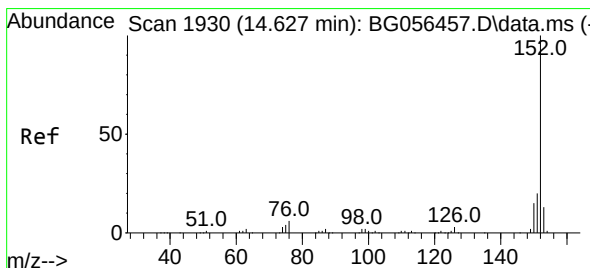
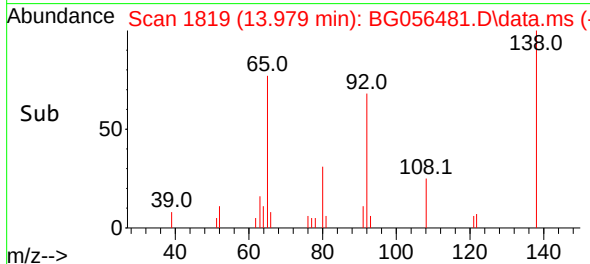
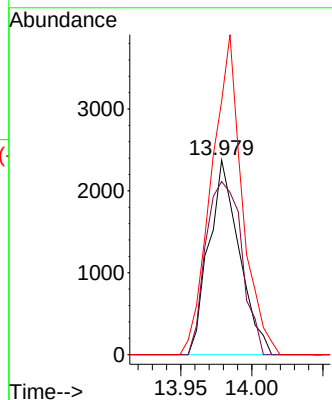
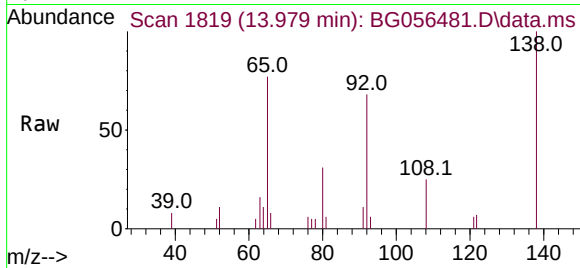
#48
2-Nitroaniline
Concen: 3.356 ng
RT: 13.979 min Scan# 1819
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 65 Resp: 3525
Ion Ratio Lower Upper
65 100
92 88.9 75.8 113.6
138 130.3 133.2 199.8

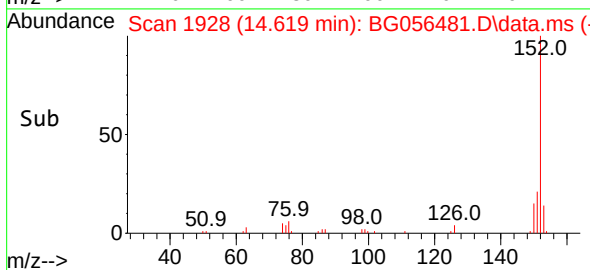
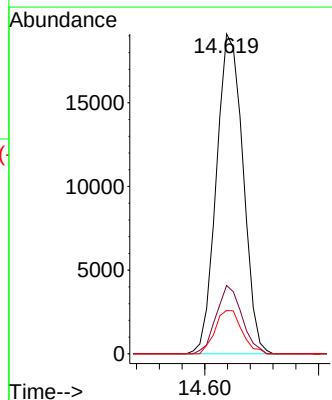
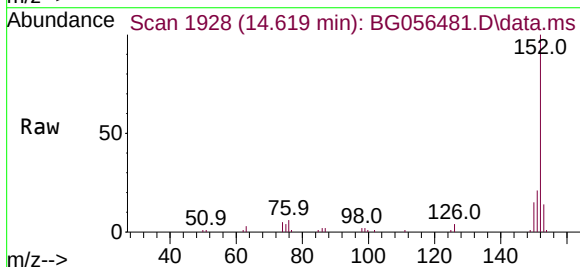
Manual Integrations
APPROVED

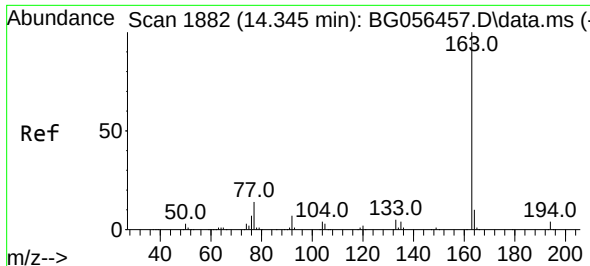
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#49
Acenaphthylene
Concen: 3.770 ng
RT: 14.619 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

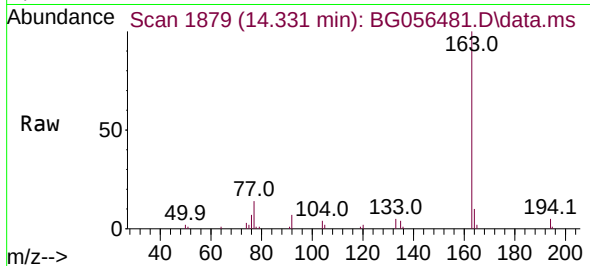
Tgt Ion:152 Resp: 31165
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 13.6 10.5 15.7





#50
Dimethylphthalate
Concen: 3.843 ng
RT: 14.331 min Scan# 1882
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

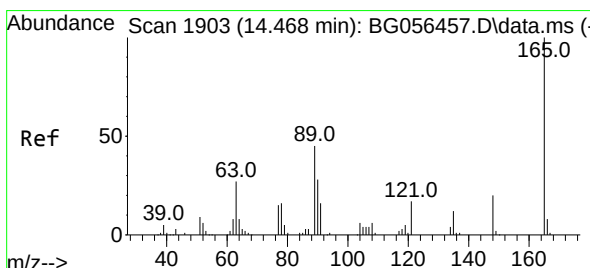
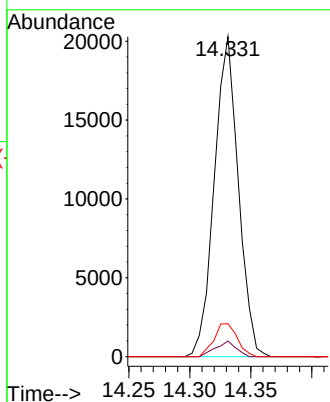
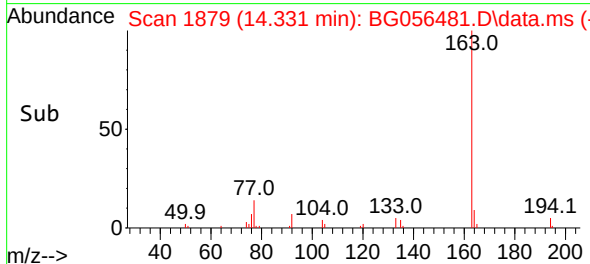
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:163 Resp: 2786
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 10.3 8.1 12.1

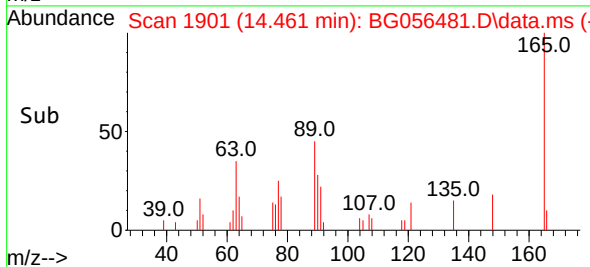
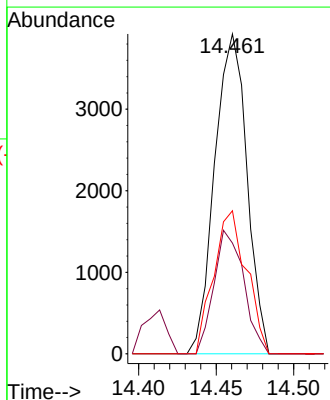
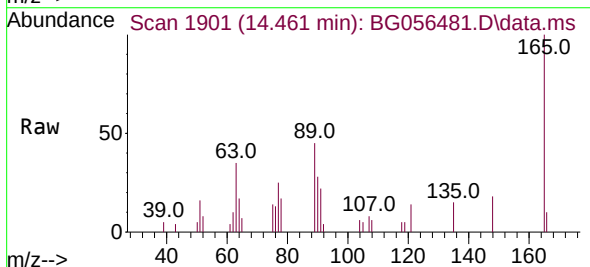
Manual Integrations
APPROVED

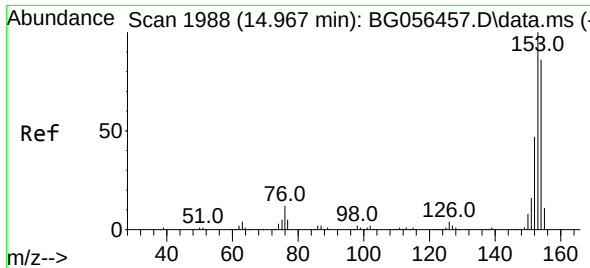
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#51
2,6-Dinitrotoluene
Concen: 3.598 ng
RT: 14.461 min Scan# 1901
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

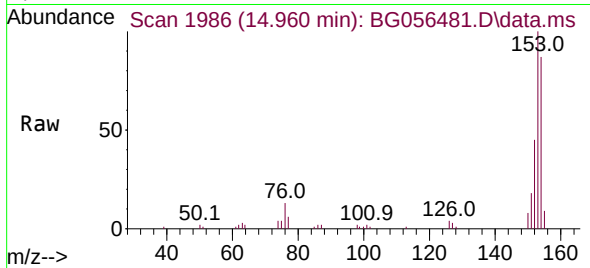
Tgt Ion:165 Resp: 5688
Ion Ratio Lower Upper
165 100
63 34.6 26.9 40.3
89 44.7 35.6 53.4





#52
Acenaphthene
Concen: 4.104 ng
RT: 14.960 min Scan# 1986
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

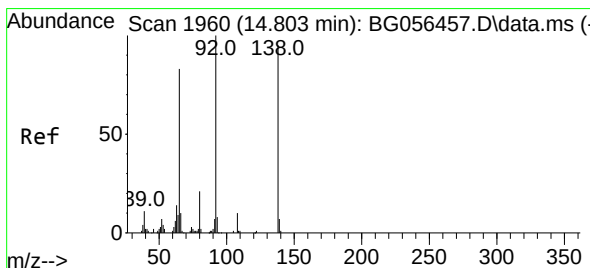
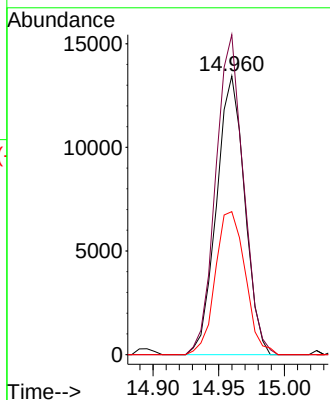
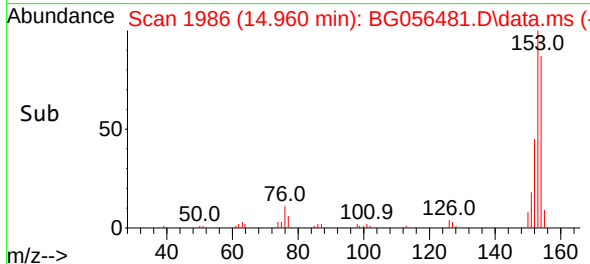
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:154 Resp: 2011
Ion Ratio Lower Upper
154 100
153 114.8 93.4 140.0
152 51.3 43.4 65.2

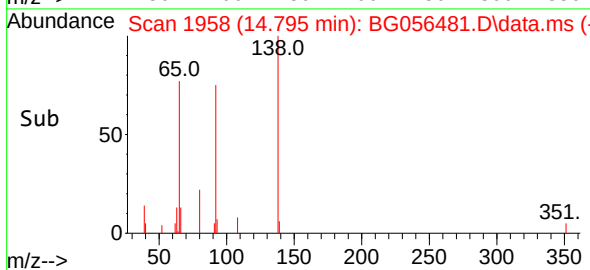
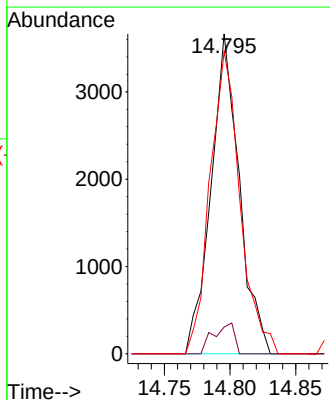
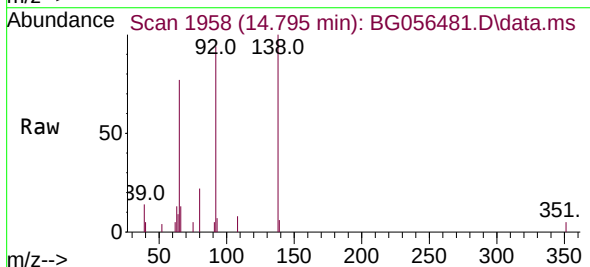
Manual Integrations
APPROVED

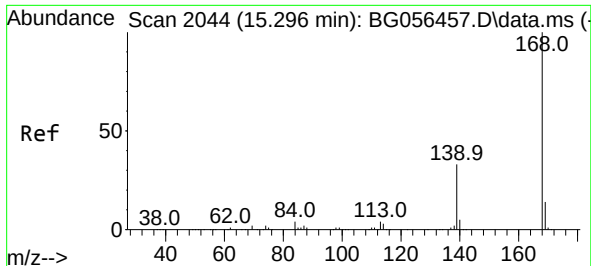
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#53
3-Nitroaniline
Concen: 3.586 ng
RT: 14.795 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

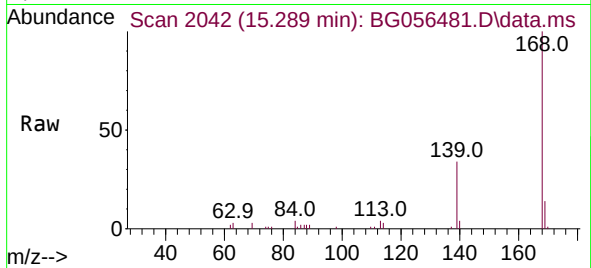
Tgt Ion:138 Resp: 5496
Ion Ratio Lower Upper
138 100
108 8.4 8.0 12.0
92 94.4 84.1 126.1





#55
Dibenzenofuran
Concen: 3.911 ng
RT: 15.289 min Scan# 2044
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

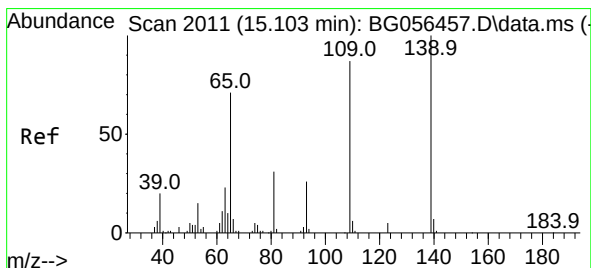
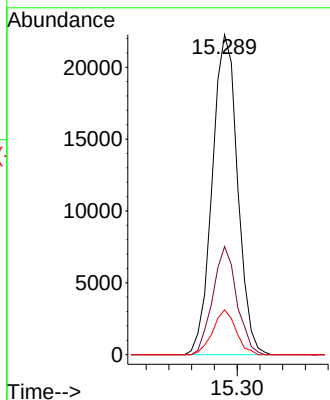
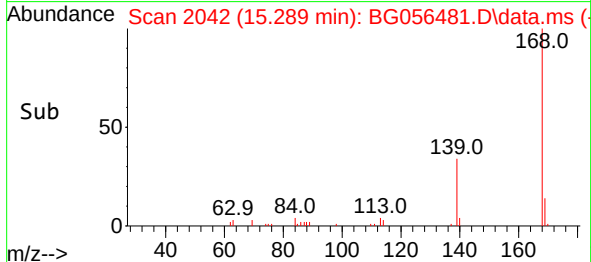
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:168 Resp: 34378
Ion Ratio Lower Upper
168 100
139 33.8 26.2 39.2
169 14.0 11.0 16.6

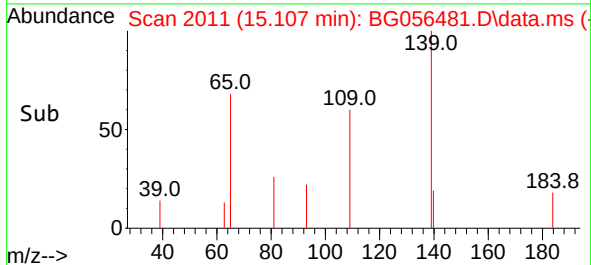
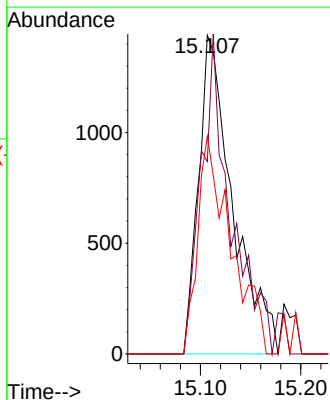
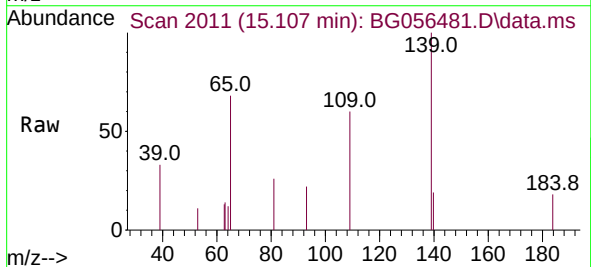
Manual Integrations
APPROVED

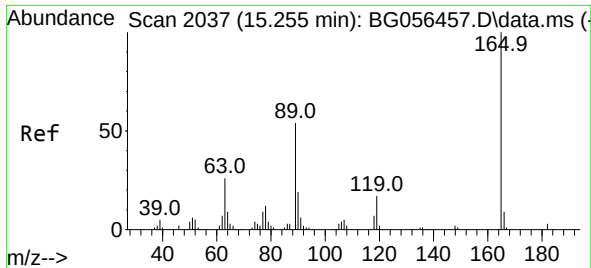
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#56
4-Nitrophenol
Concen: 3.248 ng
RT: 15.107 min Scan# 2011
Delta R.T. 0.010 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

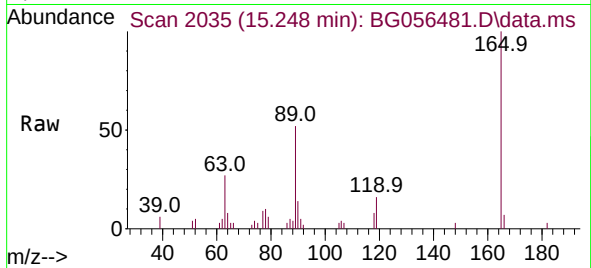
Tgt Ion:139 Resp: 3402
Ion Ratio Lower Upper
139 100
109 60.4 67.5 107.5#
65 68.3 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 4.116 ng
RT: 15.248 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

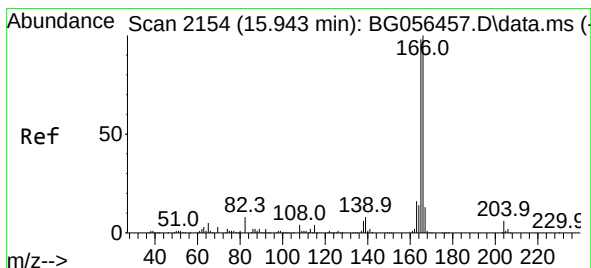
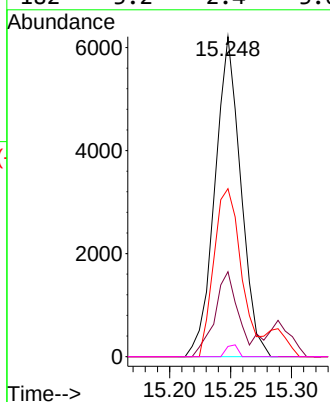
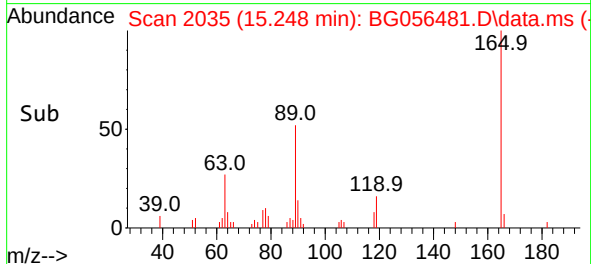
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



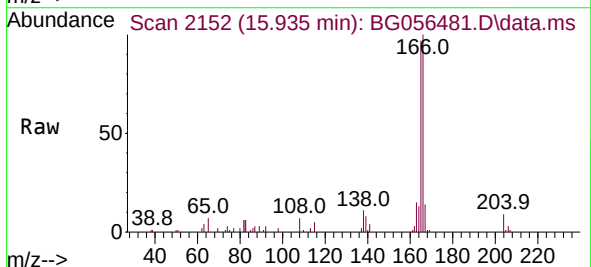
Tgt Ion:165 Resp: 9166
Ion Ratio Lower Upper
165 100
63 26.5 20.6 31.0
89 52.5 43.1 64.7
182 3.2 2.4 3.6

Manual Integrations
APPROVED

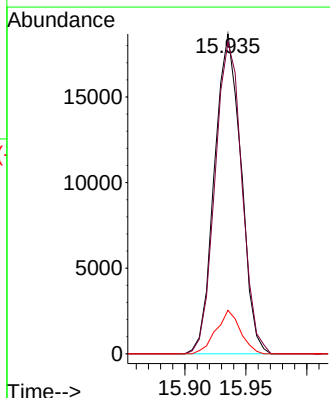
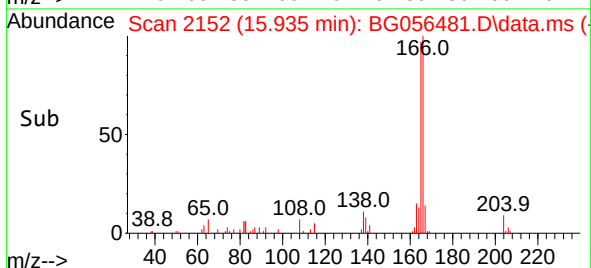
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

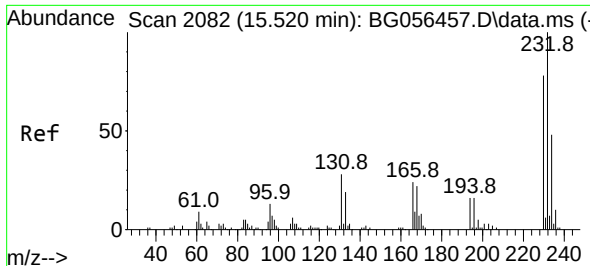


#58
Fluorene
Concen: 4.046 ng
RT: 15.935 min Scan# 2152
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



Tgt Ion:166 Resp: 28299
Ion Ratio Lower Upper
166 100
165 97.4 78.8 118.2
167 13.6 10.6 15.8





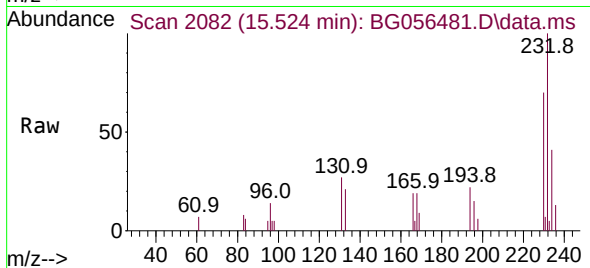
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.106 ng
RT: 15.524 min Scan# 2082
Delta R.T. 0.010 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

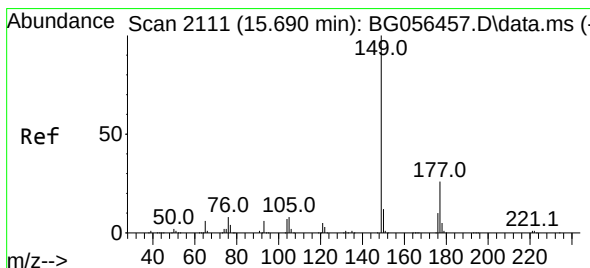
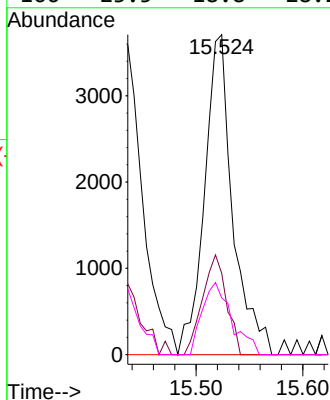
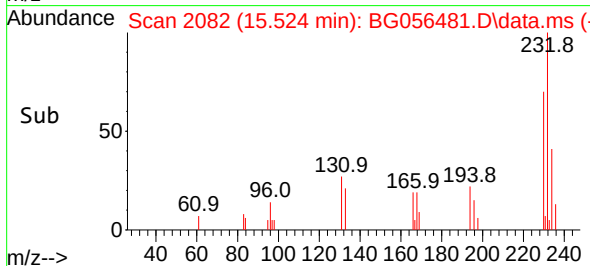


Tgt Ion:232 Resp: 6821
Ion Ratio Lower Upper
232 100
131 26.4 22.8 34.2
130 0.0 1.4 2.0
166 23.5 18.8 28.2

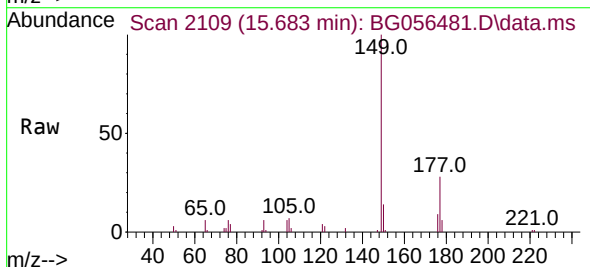
Manual Integrations

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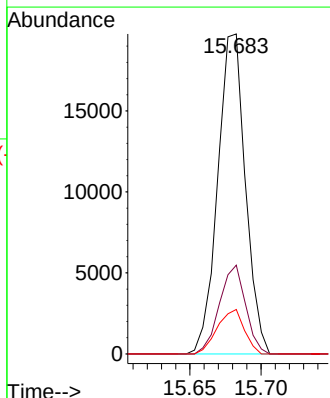
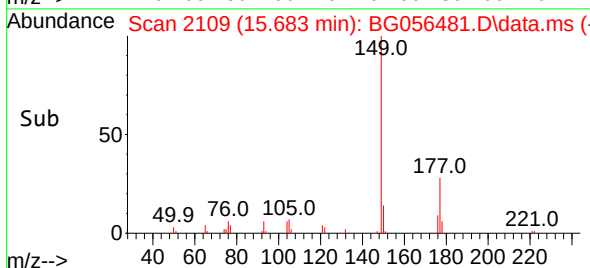
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

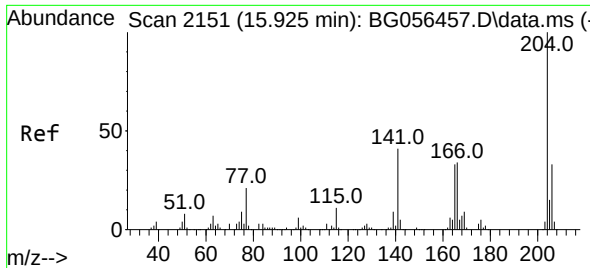


#60
Diethylphthalate
Concen: 3.933 ng
RT: 15.683 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



Tgt Ion:149 Resp: 26773
Ion Ratio Lower Upper
149 100
177 27.7 21.0 31.4
150 13.9 9.9 14.9





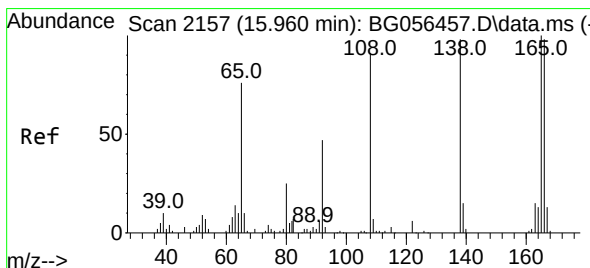
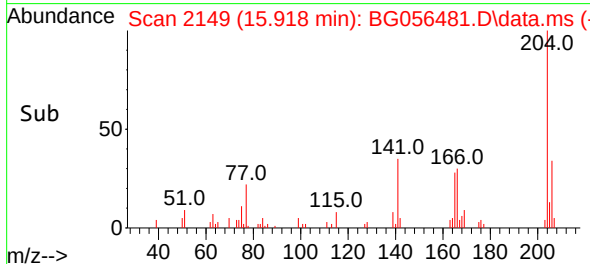
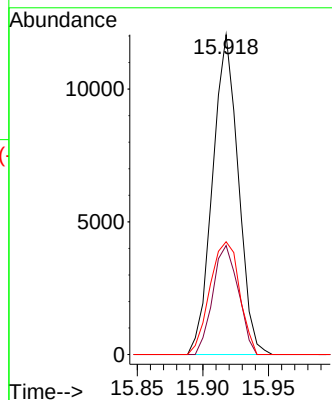
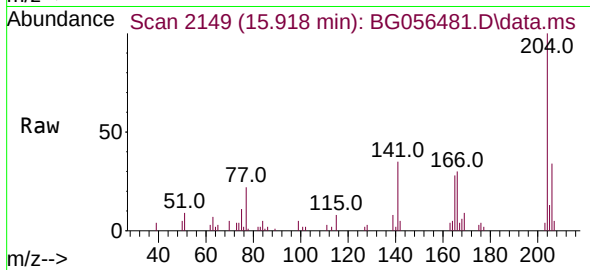
#61
4-Chlorophenyl-phenylether
Concen: 3.841 ng
RT: 15.918 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:204 Resp: 16396
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.4
141 35.3 32.7 49.1

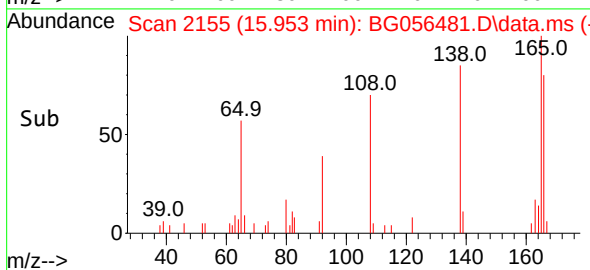
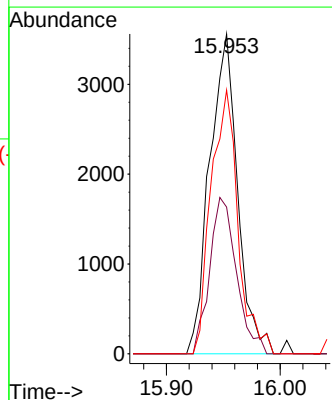
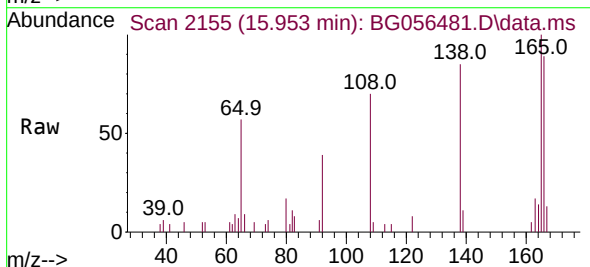
Manual Integrations
APPROVED

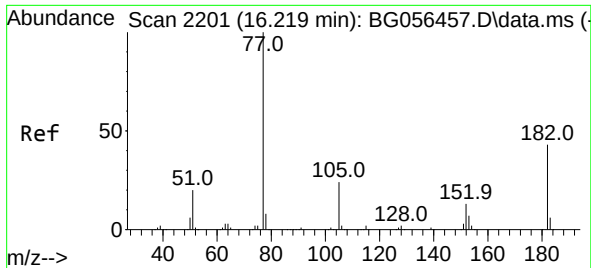
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 3.962 ng
RT: 15.953 min Scan# 2155
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

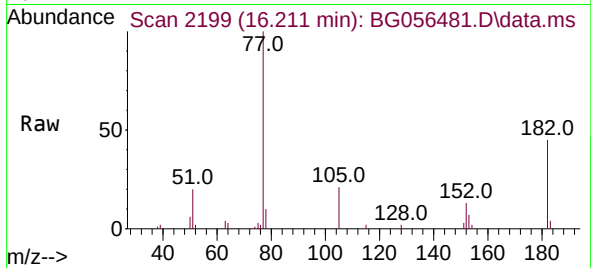
Tgt Ion:138 Resp: 6077
Ion Ratio Lower Upper
138 100
92 45.9 27.8 67.8
108 82.4 72.6 112.6





#63
Azobenzene
Concen: 3.885 ng
RT: 16.211 min Scan# 2199
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

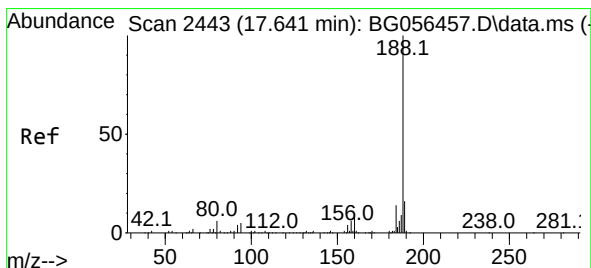
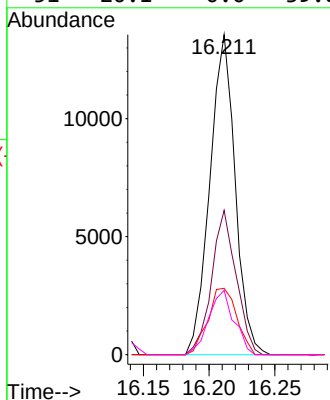
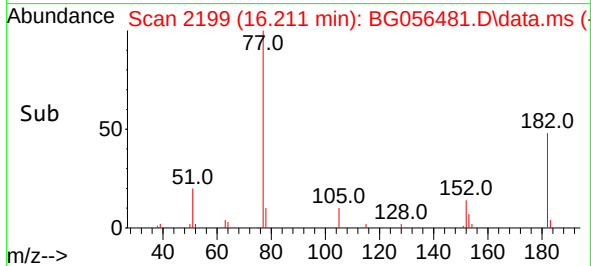
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



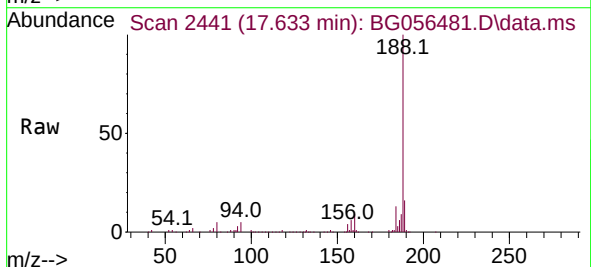
Tgt Ion: 77 Resp: 18199
Ion Ratio Lower Upper
77 100
182 45.1 23.1 63.1
105 20.7 4.2 44.2
51 20.1 0.0 39.8

Manual Integrations
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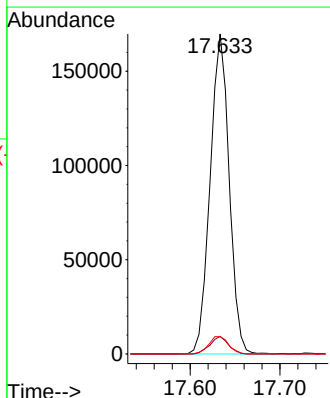
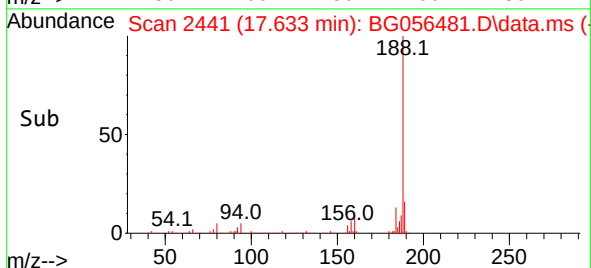
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

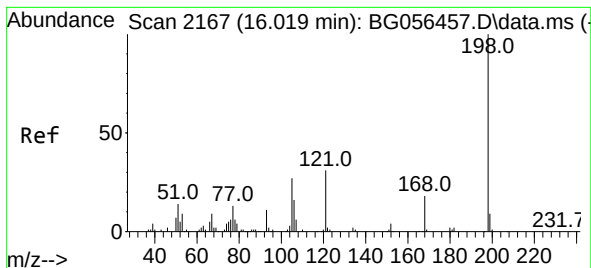


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



Tgt Ion:188 Resp: 250428
Ion Ratio Lower Upper
188 100
94 5.5 4.1 6.1
80 5.4 5.0 7.4





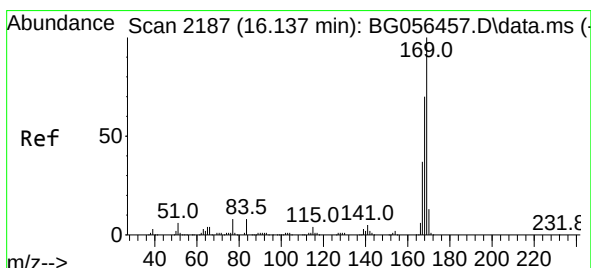
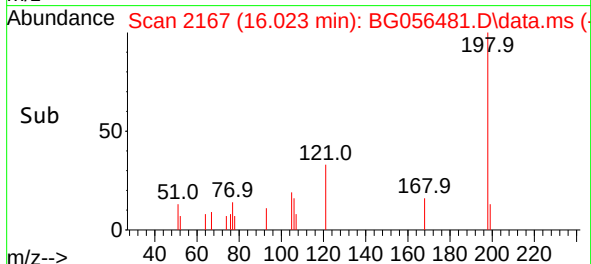
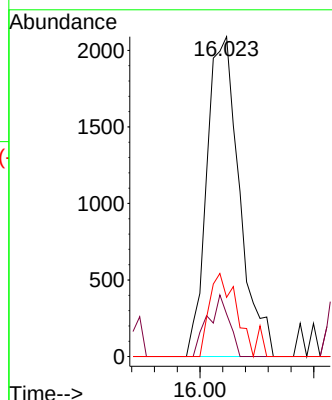
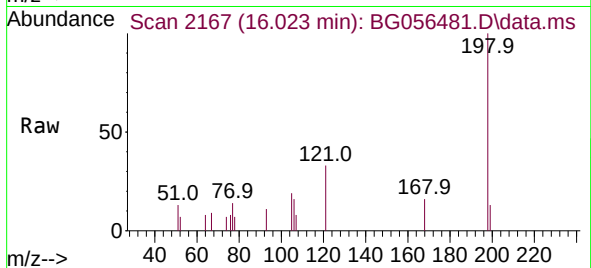
#65
4,6-Dinitro-2-methylphenol
Concen: 2.361 ng
RT: 16.023 min Scan# 2167
Delta R.T. 0.010 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:198 Resp: 415
Ion Ratio Lower Upper
198 100
51 13.3 0.0 35.0
105 18.5 7.4 47.4

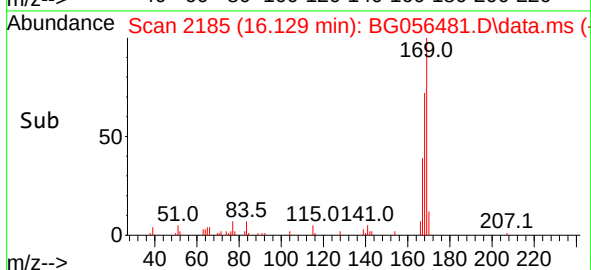
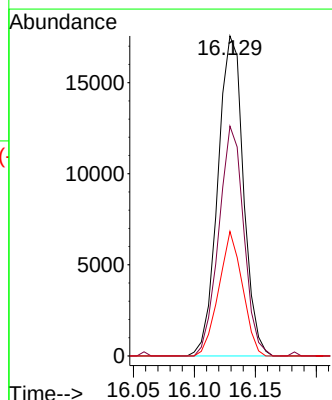
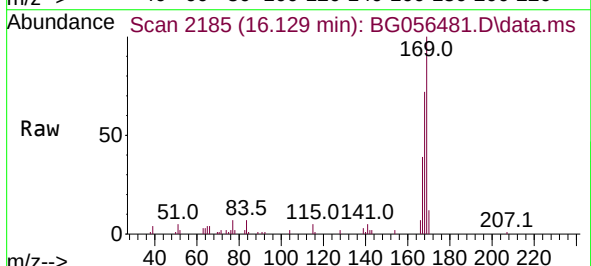
Manual Integrations
APPROVED

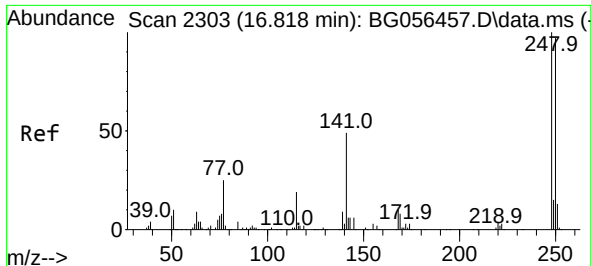
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#66
n-Nitrosodiphenylamine
Concen: 3.614 ng
RT: 16.129 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:169 Resp: 25628
Ion Ratio Lower Upper
169 100
168 71.8 55.8 83.6
167 38.9 29.8 44.8





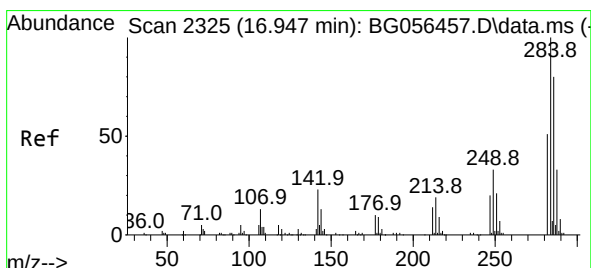
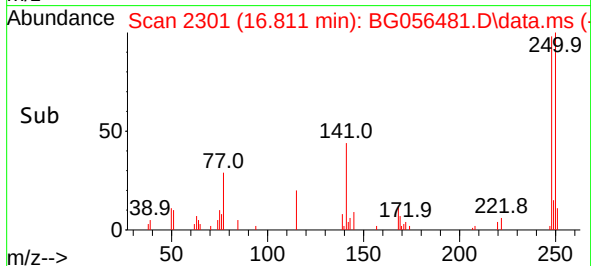
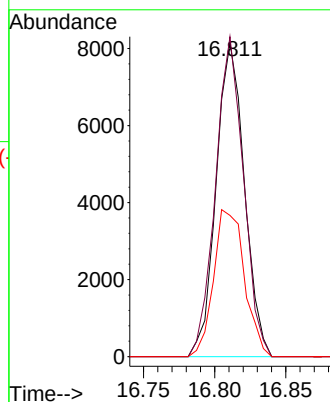
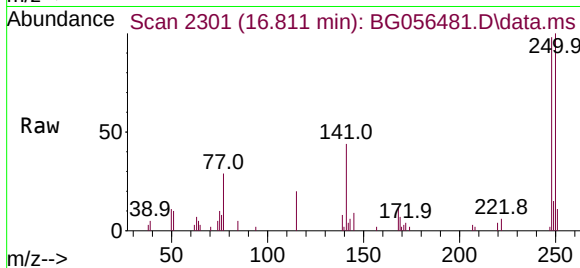
#67
4-Bromophenyl-phenylether
Concen: 3.518 ng
RT: 16.811 min Scan# 2303
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:248 Resp: 11278
Ion Ratio Lower Upper
248 100
250 101.9 77.6 116.4
141 45.0 39.0 58.4

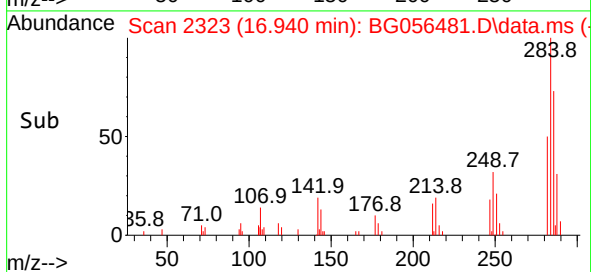
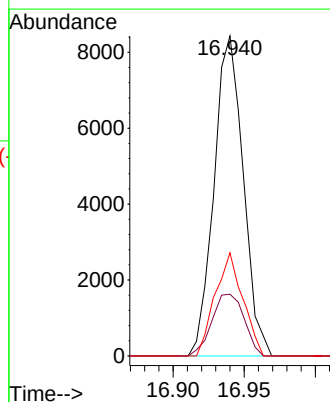
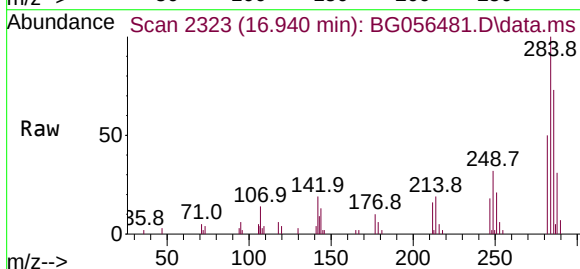
Manual Integrations
APPROVED

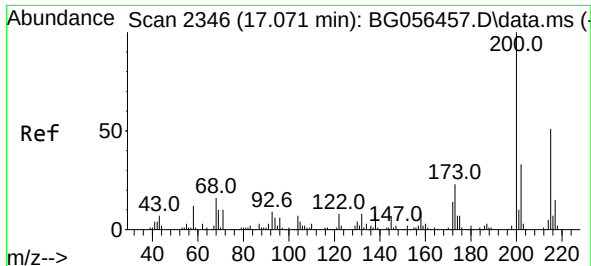
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#68
Hexachlorobenzene
Concen: 3.834 ng
RT: 16.940 min Scan# 2323
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:284 Resp: 12038
Ion Ratio Lower Upper
284 100
142 19.3 18.0 27.0
249 34.5 26.7 40.1





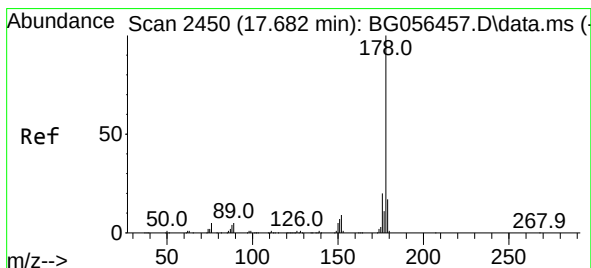
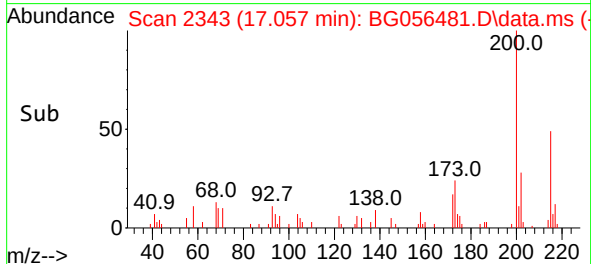
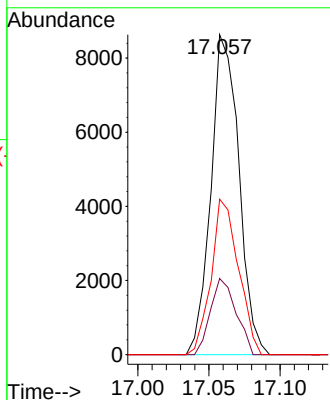
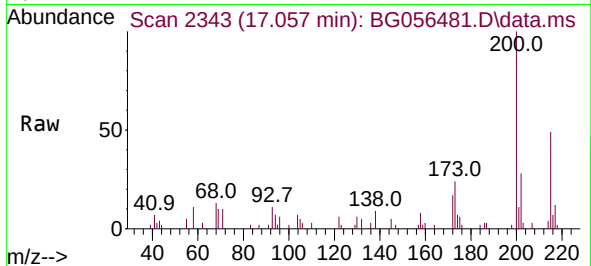
#69
 Atrazine
 Concen: 4.318 ng
 RT: 17.057 min Scan# 2343
 Delta R.T. -0.014 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Tgt Ion:200 Resp: 11812
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.2 43.2
 215 48.6 30.7 70.7

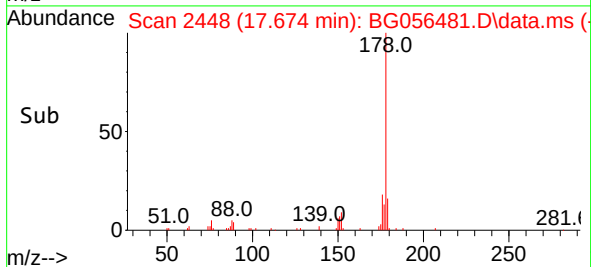
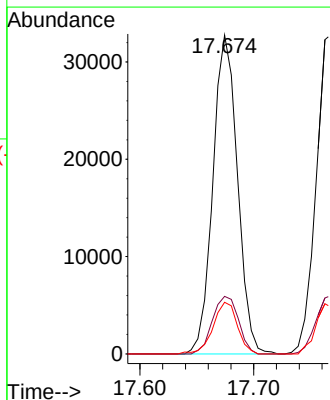
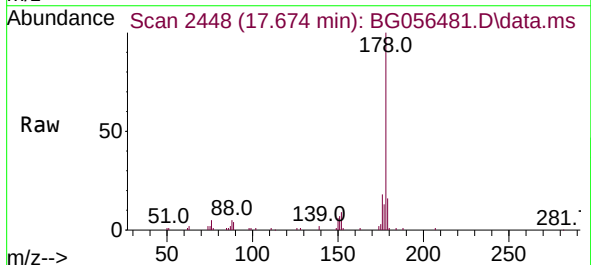
Manual Integrations
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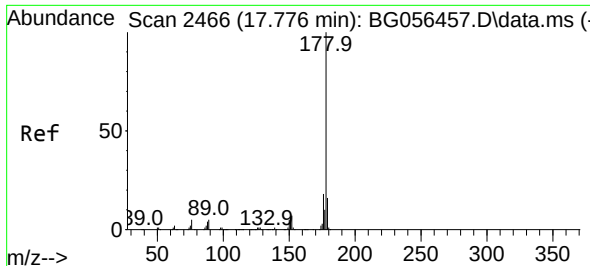
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#71
 Phenanthrene
 Concen: 3.755 ng
 RT: 17.674 min Scan# 2448
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

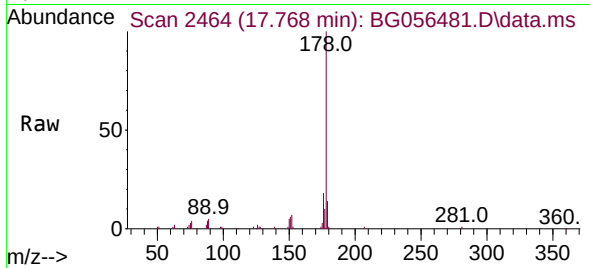
Tgt Ion:178 Resp: 49215
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.6 23.4
 179 16.2 13.3 19.9





#72
 Anthracene
 Concen: 3.811 ng
 RT: 17.768 min Scan# 2466
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

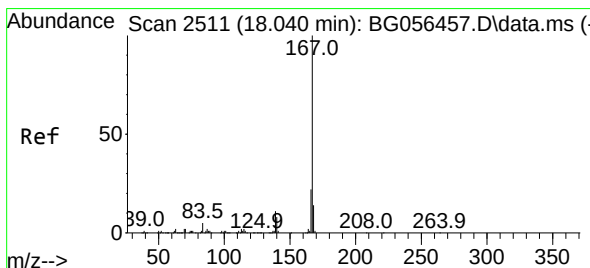
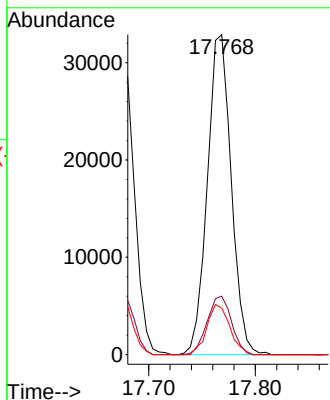
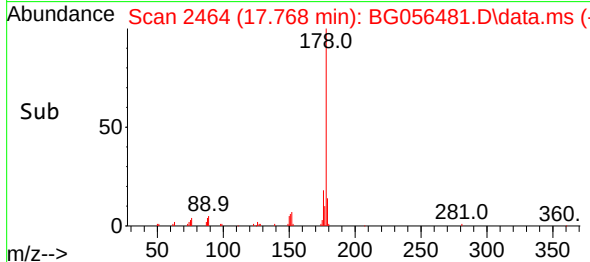
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion:178 Resp: 51280
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.5 21.7
 179 14.5 12.5 18.7

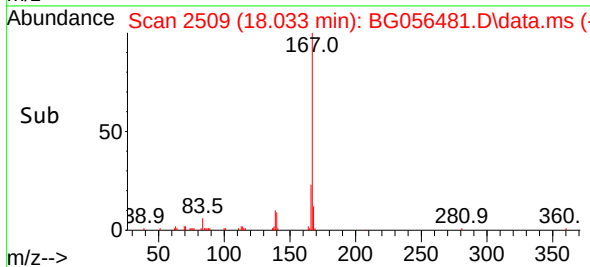
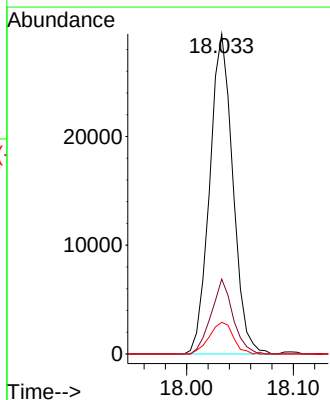
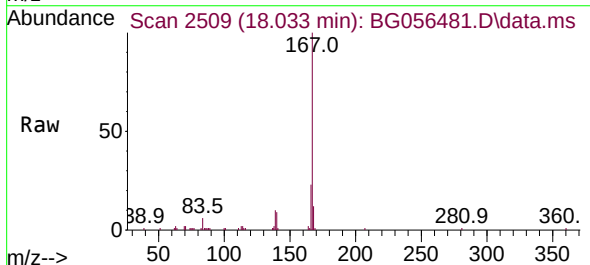
Manual Integrations
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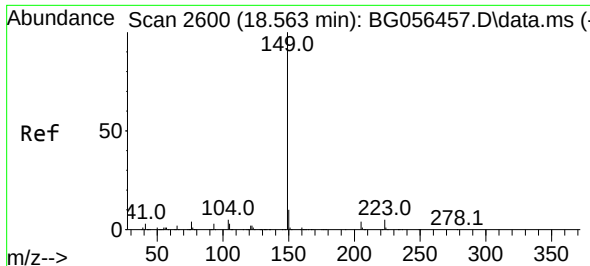
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#73
 Carbazole
 Concen: 3.882 ng
 RT: 18.033 min Scan# 2509
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

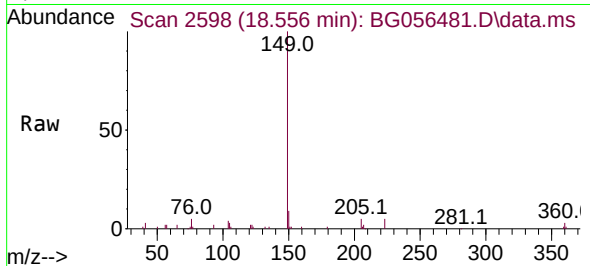
Tgt Ion:167 Resp: 44487
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.8 26.6
 139 9.9 8.9 13.3





#74
Di-n-butylphthalate
Concen: 3.837 ng
RT: 18.556 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

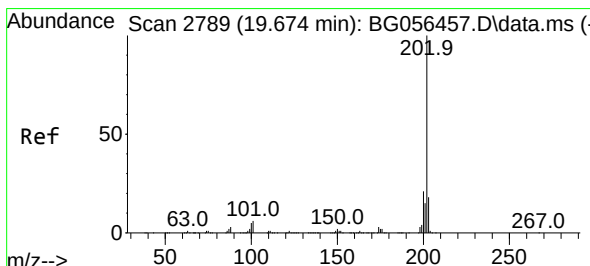
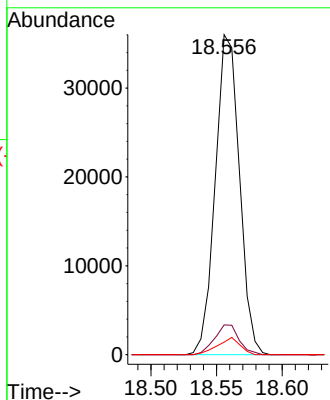
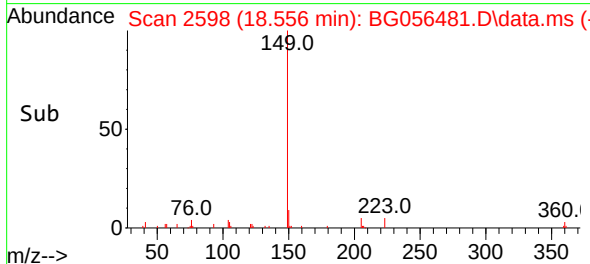
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



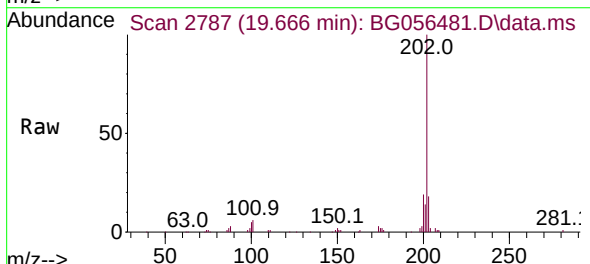
Tgt Ion:149 Resp: 46163
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 3.9 4.0 6.0

Manual Integrations
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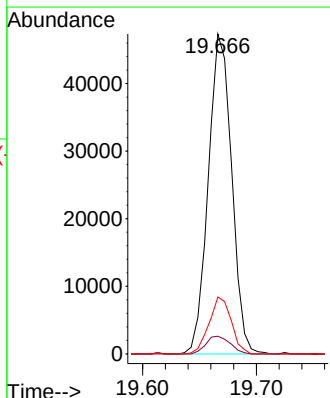
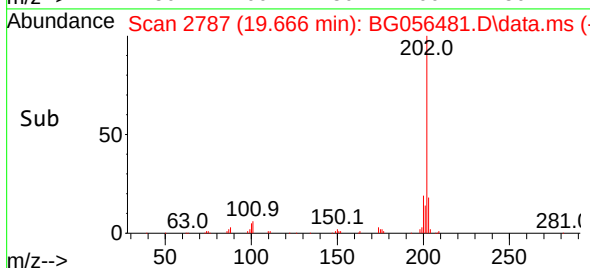
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

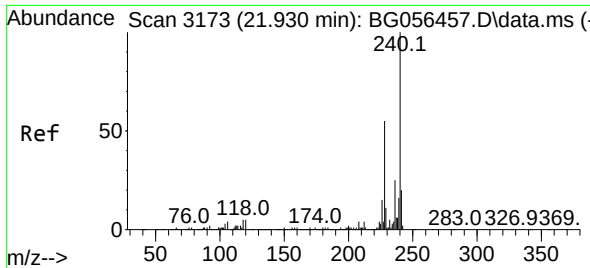


#75
Fluoranthene
Concen: 4.089 ng
RT: 19.666 min Scan# 2787
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



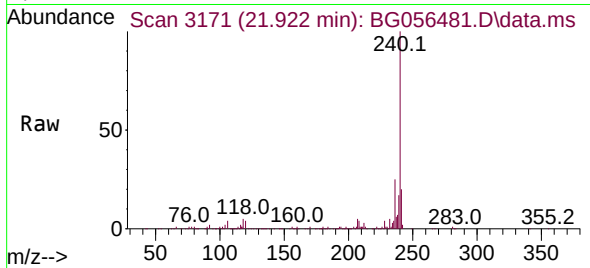
Tgt Ion:202 Resp: 67647
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.6
203 17.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

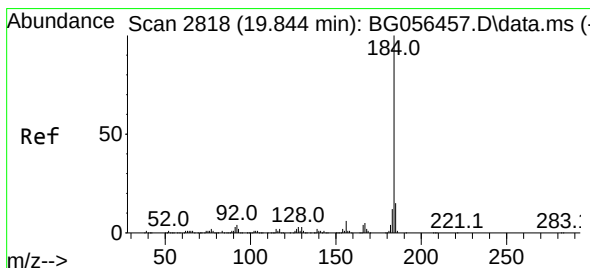
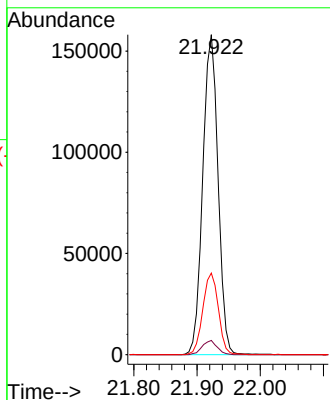
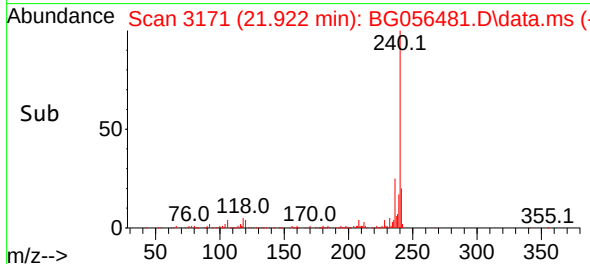
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



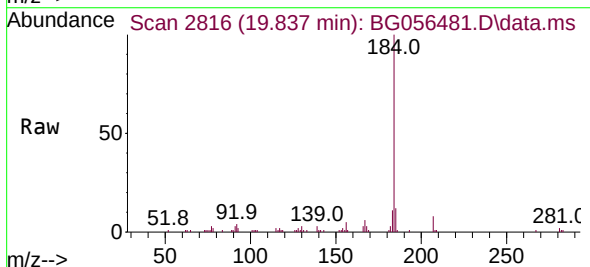
Tgt Ion:240 Resp: 265174
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.8
236 25.5 20.2 30.2

Manual Integrations
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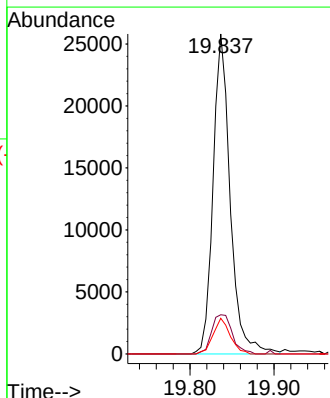
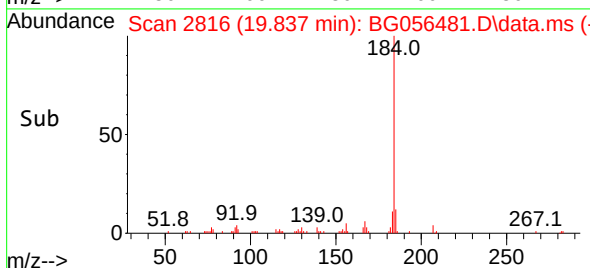
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

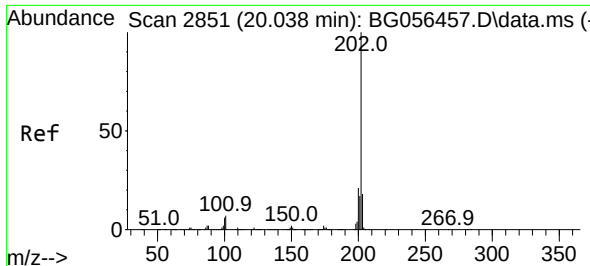


#77
Benzidine
Concen: 5.079 ng m
RT: 19.837 min Scan# 2816
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



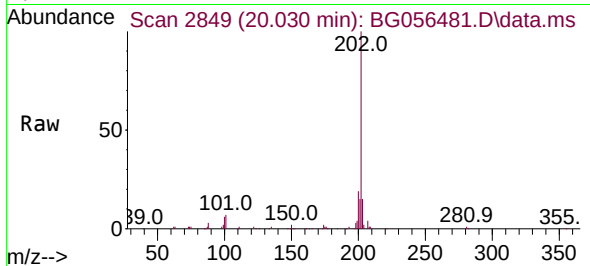
Tgt Ion:184 Resp: 36445
Ion Ratio Lower Upper
184 100
185 12.2 12.3 18.5#
183 11.1 9.8 14.8





#78
 Pyrene
 Concen: 3.923 ng
 RT: 20.030 min Scan# 2851
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

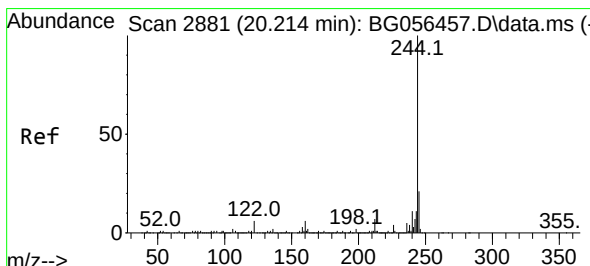
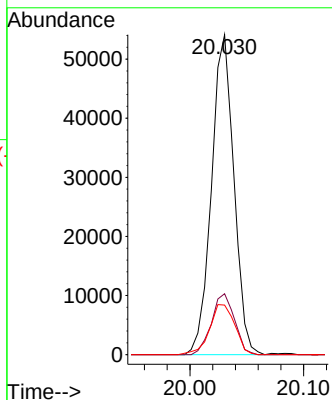
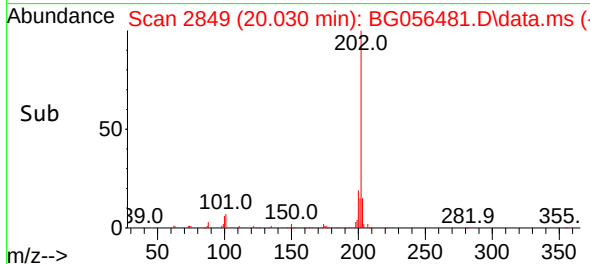
Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion:202 Resp: 73986
 Ion Ratio Lower Upper
 202 100
 200 19.0 16.7 25.1
 203 15.5 14.4 21.6

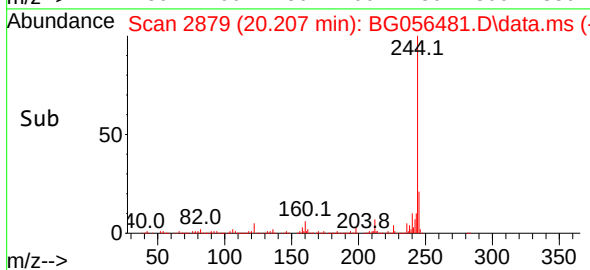
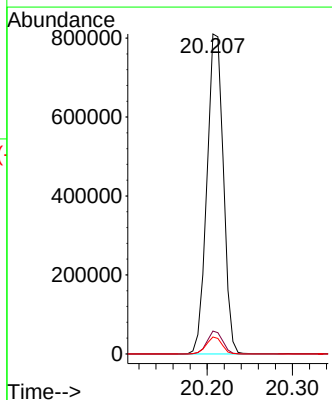
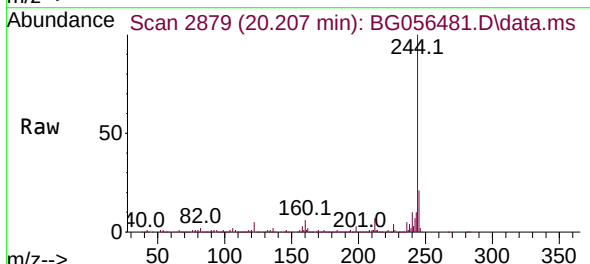
Manual Integrations
 APPROVED

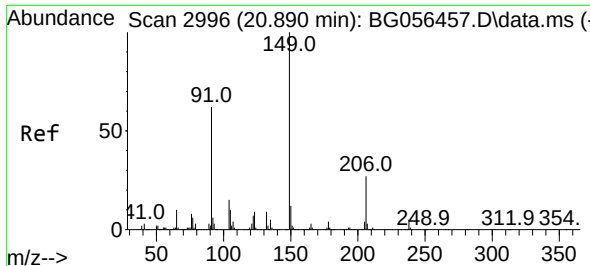
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#79
 Terphenyl-d14
 Concen: 71.768 ng
 RT: 20.207 min Scan# 2879
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

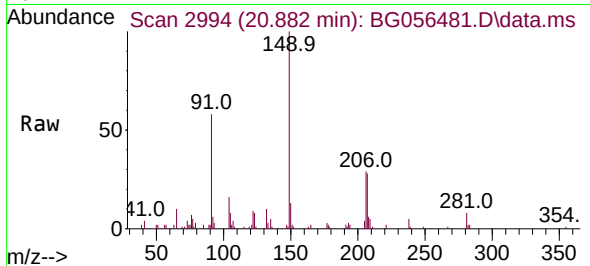
Tgt Ion:244 Resp: 1083540
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.3 4.4 6.6





#80
Butylbenzylphthalate
Concen: 3.532 ng
RT: 20.882 min Scan# 2996
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

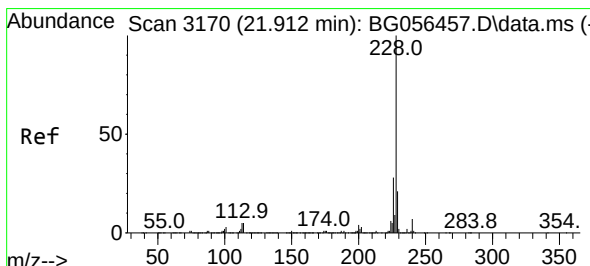
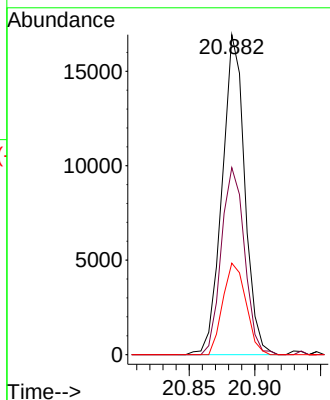
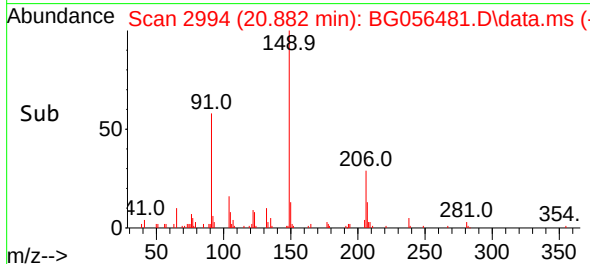
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion:149 Resp: 20346
Ion Ratio Lower Upper
149 100
91 58.4 49.4 74.0
206 28.6 22.0 33.0

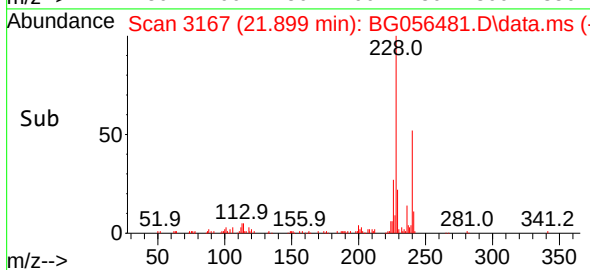
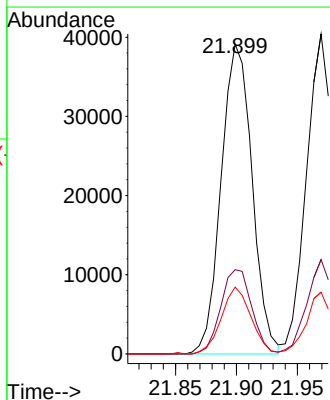
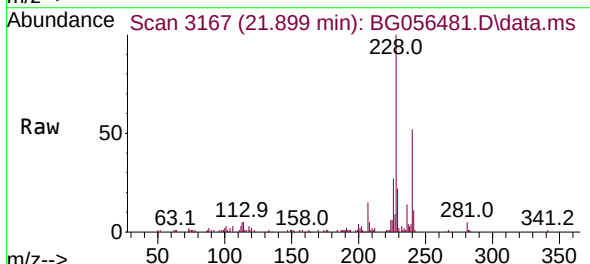
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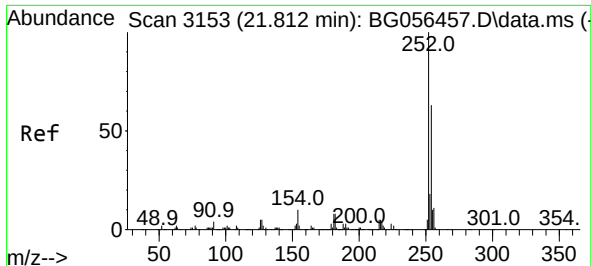
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#81
Benzo(a)anthracene
Concen: 3.726 ng
RT: 21.899 min Scan# 3167
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

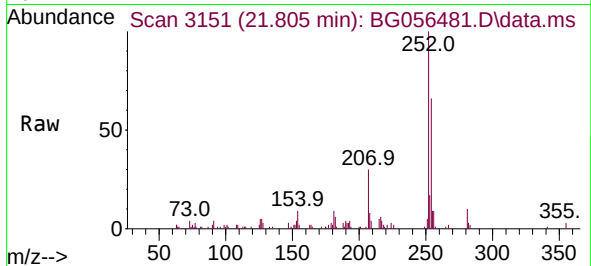
Tgt Ion:228 Resp: 69083
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 21.5 16.5 24.7





#82
 3,3'-Dichlorobenzidine
 Concen: 4.311 ng
 RT: 21.805 min Scan# 3151
 Delta R.T. -0.002 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

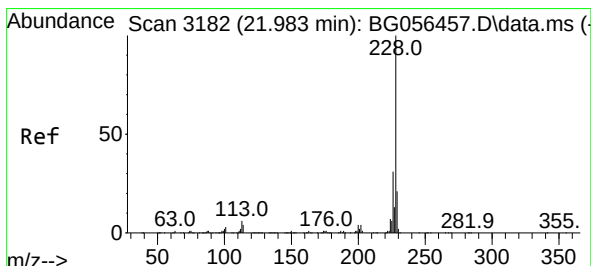
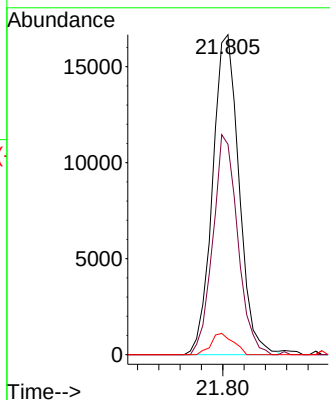
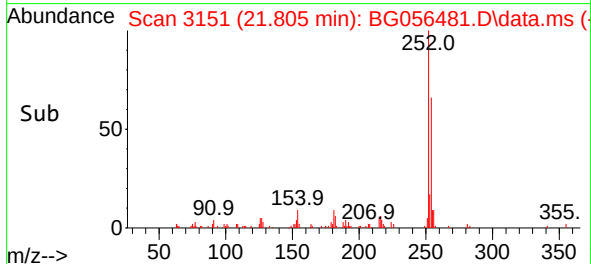
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion:252 Resp: 28778
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.0 75.0
 126 4.9 4.3 6.5

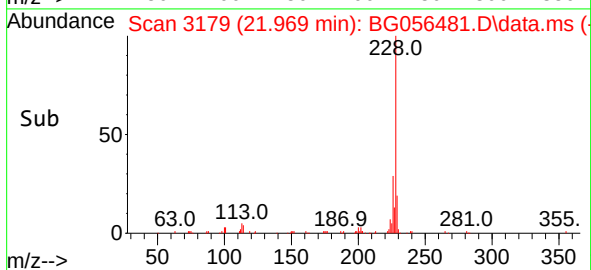
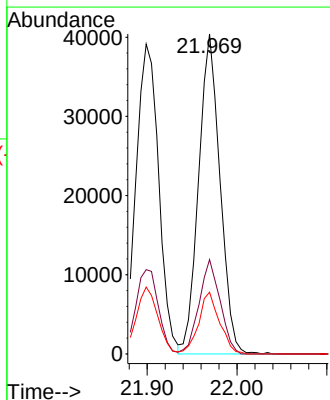
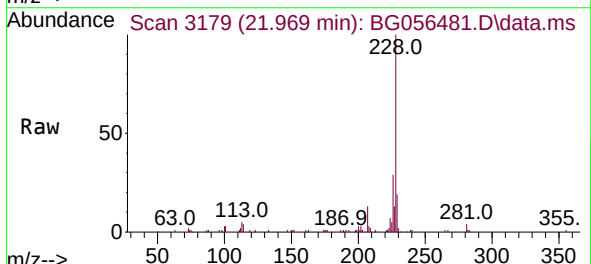
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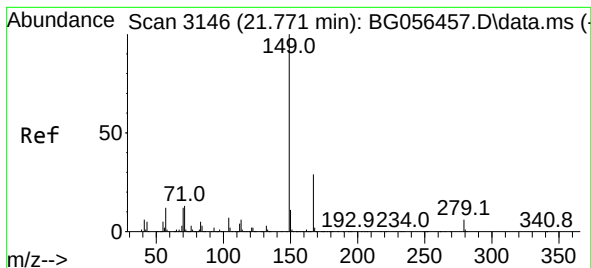
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#83
 Chrysene
 Concen: 3.839 ng
 RT: 21.969 min Scan# 3179
 Delta R.T. -0.008 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

Tgt Ion:228 Resp: 66858
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.0 37.4
 229 19.3 16.4 24.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.462 ng

RT: 21.764 min Scan# 3146

Delta R.T. -0.002 min

Lab File: BG056481.D

Acq: 31 Jan 2023 11:27

Instrument :

BNA_G

ClientSampleId :

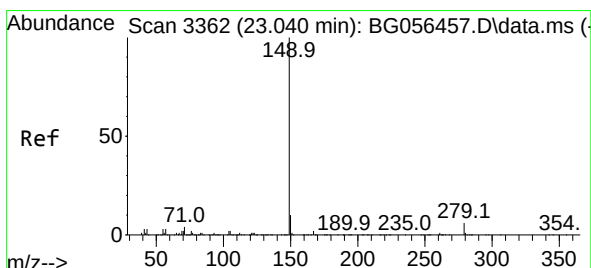
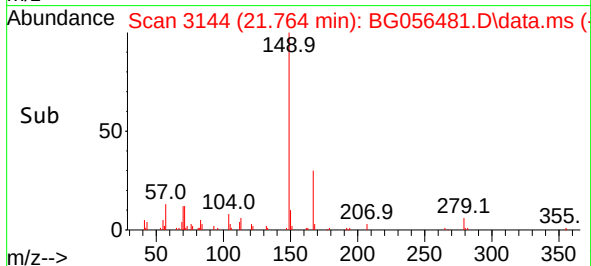
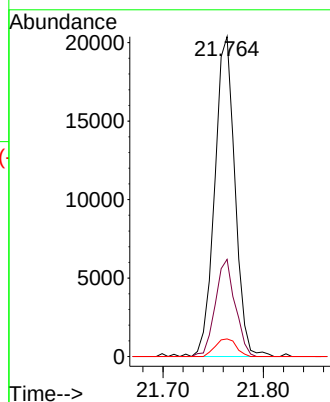
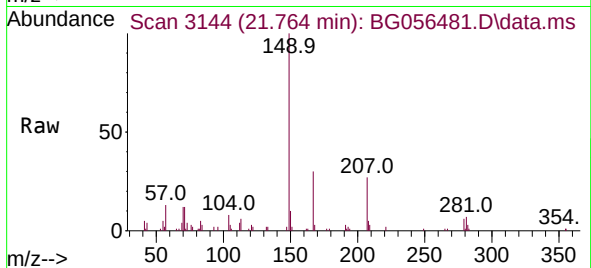
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:149 Resp: 28585
 Ion Ratio Lower Upper
 149 100
 167 30.4 23.4 35.2
 279 5.5 4.4 6.6

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 Supervised By :Jagrut Upadhyay 02/01/2023



#85

Di-n-octyl phthalate

Concen: 3.541 ng

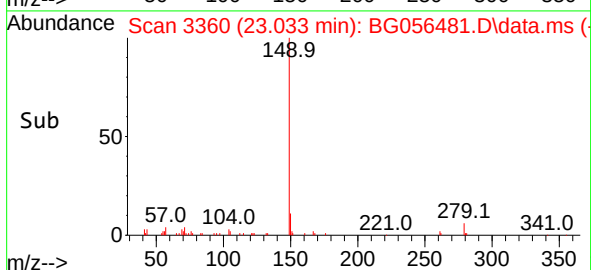
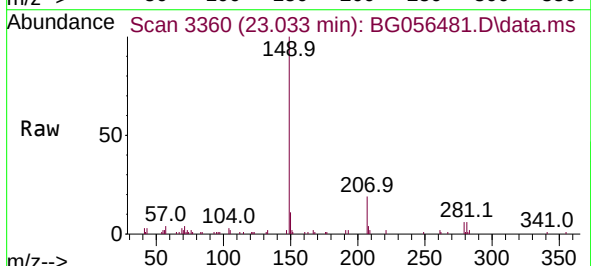
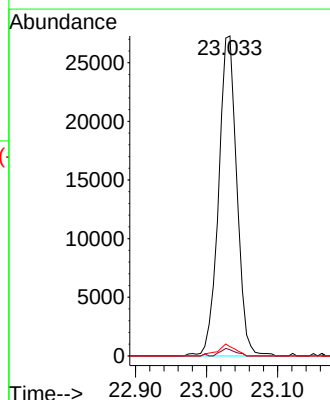
RT: 23.033 min Scan# 3360

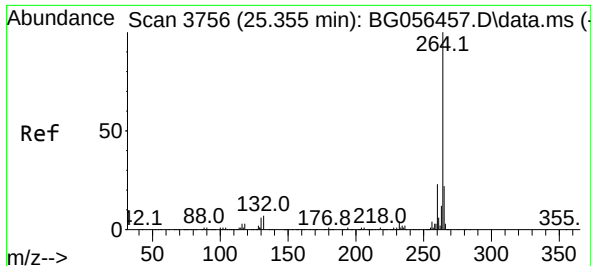
Delta R.T. -0.002 min

Lab File: BG056481.D

Acq: 31 Jan 2023 11:27

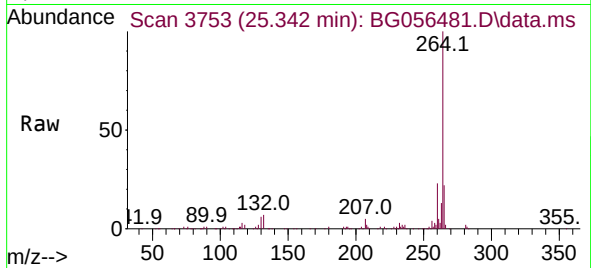
Tgt Ion:149 Resp: 48702
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 3.5 2.7 4.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

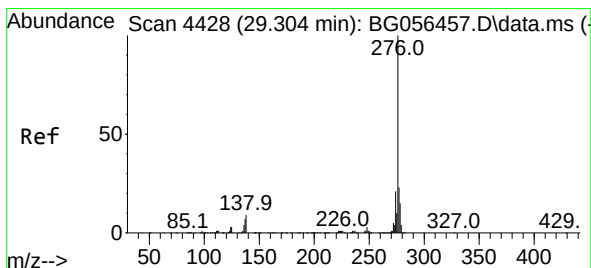
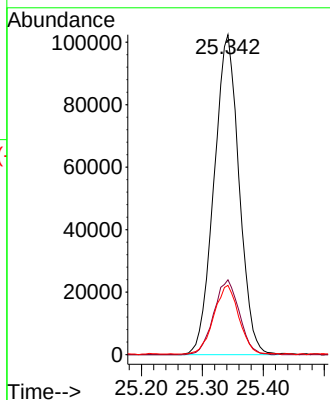
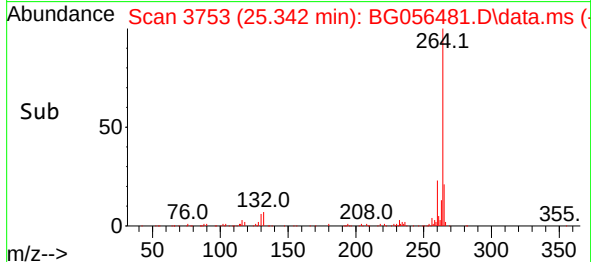
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:264 Resp: 292322
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.6 18.1 27.1

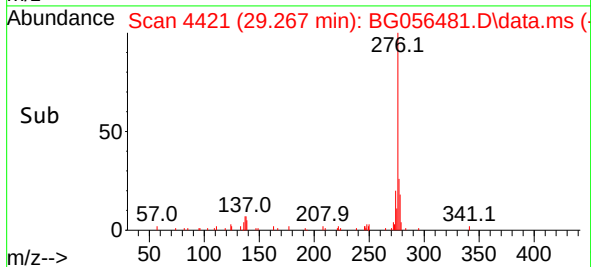
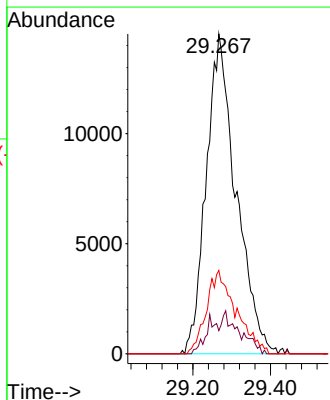
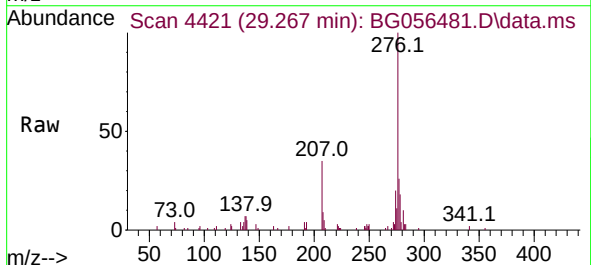
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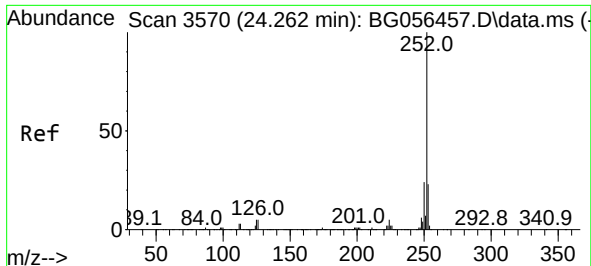
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.625 ng
RT: 29.267 min Scan# 4421
Delta R.T. -0.014 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Tgt Ion:276 Resp: 77559
Ion Ratio Lower Upper
276 100
138 3.6 9.4 14.2#
277 26.0 20.3 30.5





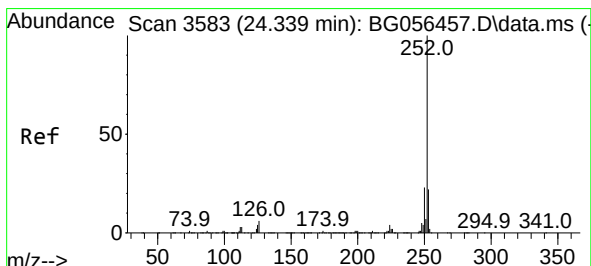
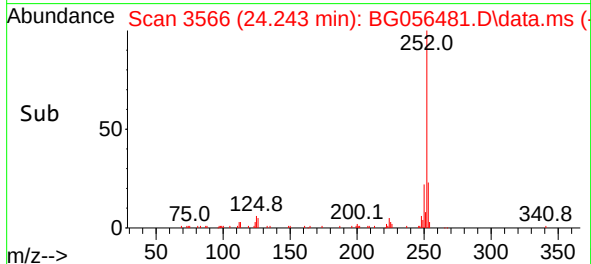
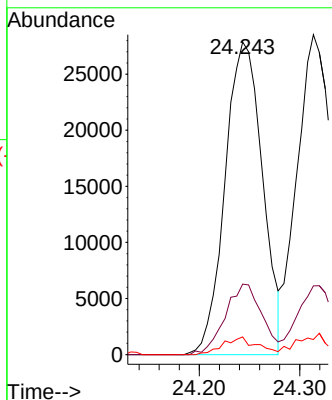
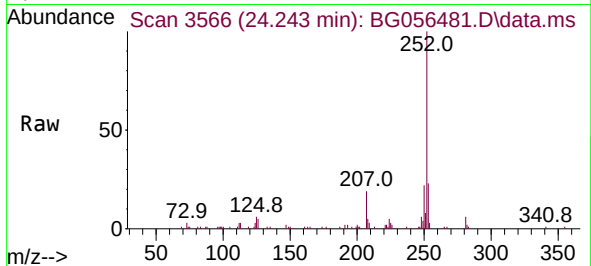
#88
Benzo(b)fluoranthene
Concen: 3.978 ng
RT: 24.243 min Scan# 3566
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:252 Resp: 72186
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 5.6 3.9 5.9

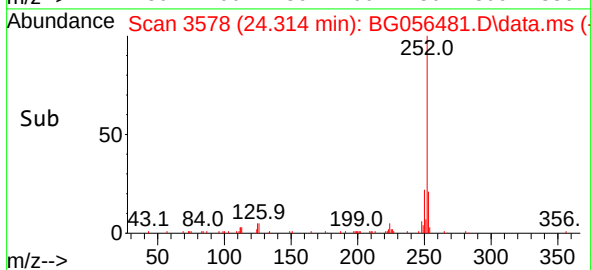
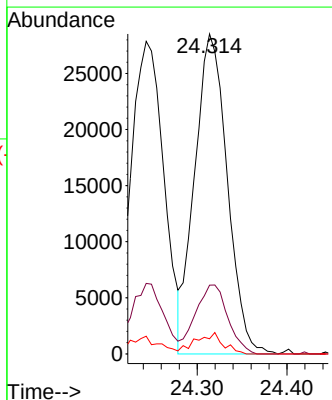
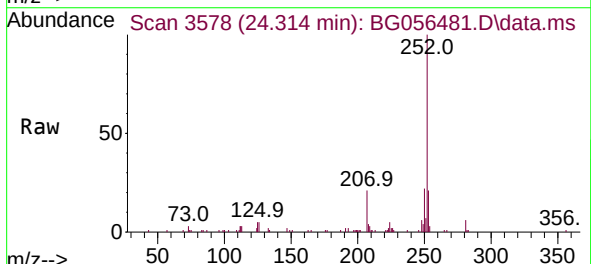
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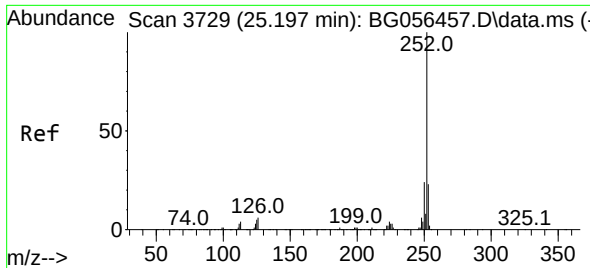
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#89
Benzo(k)fluoranthene
Concen: 3.934 ng
RT: 24.314 min Scan# 3578
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

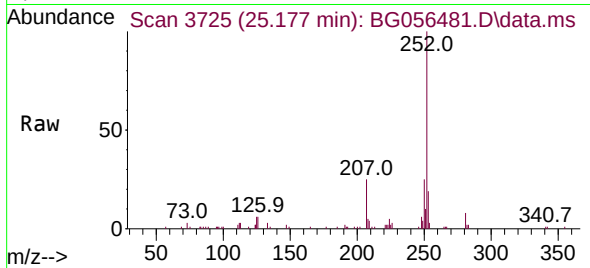
Tgt Ion:252 Resp: 72064
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 4.7 3.4 5.0





#90
Benzo(a)pyrene
Concen: 3.544 ng
RT: 25.177 min Scan# 3725
Delta R.T. -0.008 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27

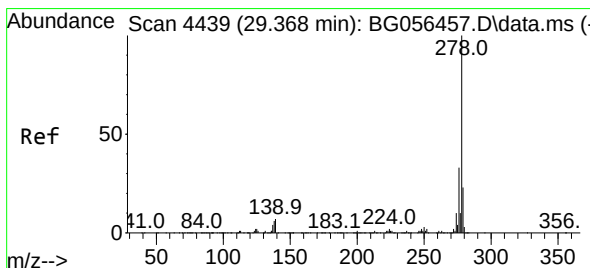
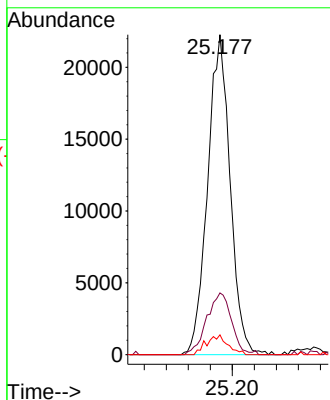
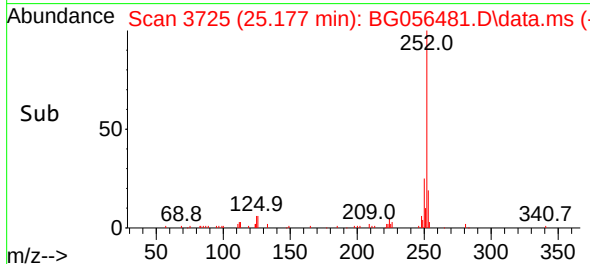
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



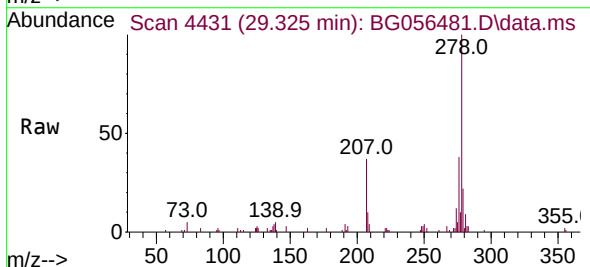
Tgt Ion:252 Resp: 63348
Ion Ratio Lower Upper
252 100
253 19.3 18.4 27.6
125 6.2 4.1 6.1

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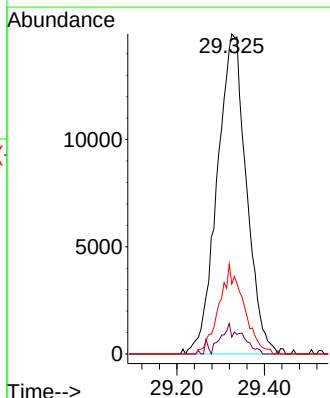
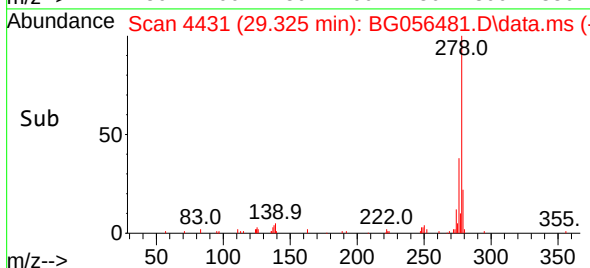
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

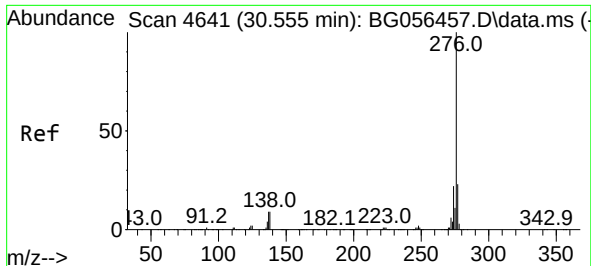


#91
Dibenzo(a,h)anthracene
Concen: 3.845 ng
RT: 29.325 min Scan# 4431
Delta R.T. -0.019 min
Lab File: BG056481.D
Acq: 31 Jan 2023 11:27



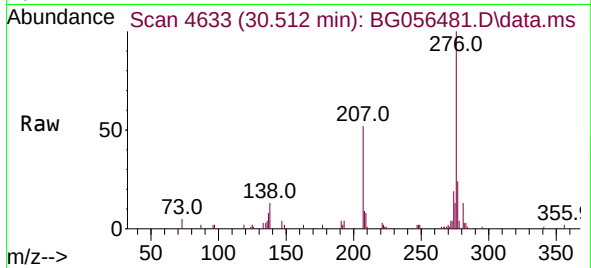
Tgt Ion:278 Resp: 69065
Ion Ratio Lower Upper
278 100
139 6.3 5.5 8.3
279 21.9 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.838 ng
 RT: 30.512 min Scan# 4633
 Delta R.T. -0.014 min
 Lab File: BG056481.D
 Acq: 31 Jan 2023 11:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 276 Resp: 66512
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.5 27.7
 138 13.1 7.4 11.0

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Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

