

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056945.D
 Acq On : 31 Mar 2023 15:32
 Operator : CG/JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Apr 01 02:35:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.411	152	14352	20.000	ng	0.00
21) Naphthalene-d8	11.254	136	59429	20.000	ng	# 0.00
39) Acenaphthene-d10	15.025	164	46920	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	125191	20.000	ng	0.00
76) Chrysene-d12	22.086	240	122221	20.000	ng	-0.01
86) Perylene-d12	25.634	264	130326	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	98166	109.469	ng	0.00
7) Phenol-d6	7.535	99	146905	109.532	ng	0.00
23) Nitrobenzene-d5	9.591	82	114229	78.648	ng	0.00
42) 2,4,6-Tribromophenol	16.506	330	84226	112.367	ng	0.00
45) 2-Fluorobiphenyl	13.656	172	276997	80.053	ng	0.00
79) Terphenyl-d14	20.336	244	557727	77.218	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.735	88	1734	4.411	ng	# 90
3) Pyridine	4.158	79	4275	3.376	ng	# 83
4) n-Nitrosodimethylamine	4.058	42	2039	3.503	ng	# 83
6) Aniline	7.723	93	6667	3.888	ng	# 84
8) 2-Chlorophenol	7.970	128	3625	4.058	ng	91
9) Benzaldehyde	7.529	77	4621	5.493	ng	# 74
10) Phenol	7.565	94	5098	3.836	ng	82
11) bis(2-Chloroethyl)ether	7.811	93	3441	3.635	ng	93
12) 1,3-Dichlorobenzene	8.305	146	4105	4.159	ng	95
13) 1,4-Dichlorobenzene	8.452	146	3971	3.987	ng	96
14) 1,2-Dichlorobenzene	8.775	146	4046	4.204	ng	98
15) Benzyl Alcohol	8.640	79	4442	3.986	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.939	45	4661	4.085	ng	94
17) 2-Methylphenol	8.834	107	3645	3.844	ng	# 76
18) Hexachloroethane	9.515	117	1463	4.018	ng	91
19) n-Nitroso-di-n-propyla...	9.210	70	4084	4.257	ng	# 87
20) 3+4-Methylphenols	9.168	107	4919	3.710	ng	90
22) Acetophenone	9.239	105	6690	3.783	ng	# 96
24) Nitrobenzene	9.632	77	6199	4.175	ng	# 85
25) Isophorone	10.149	82	10657	3.853	ng	99
26) 2-Nitrophenol	10.355	139	1968	3.434	ng	# 84
27) 2,4-Dimethylphenol	10.390	122	3451	3.410	ng	93
28) bis(2-Chloroethoxy)met...	10.625	93	5222	3.771	ng	# 94
29) 2,4-Dichlorophenol	10.890	162	3641	3.345	ng	95
30) 1,2,4-Trichlorobenzene	11.107	180	4827	4.174	ng	# 78
31) Naphthalene	11.307	128	12551	3.875	ng	96
33) 4-Chloroaniline	11.401	127	5763	3.939	ng	# 89
34) Hexachlorobutadiene	11.589	225	3545	4.081	ng	92
35) Caprolactam	12.129	113	1538	4.098	ng	# 78
36) 4-Chloro-3-methylphenol	12.487	107	4029	3.310	ng	# 90
37) 2-Methylnaphthalene	12.881	142	9641	3.750	ng	97
38) 1-Methylnaphthalene	13.098	142	9354	3.875	ng	90
40) 1,2,4,5-Tetrachloroben...	13.239	216	6773	4.163	ng	99
41) Hexachlorocyclopentadiene	13.216	237	3589	4.004	ng	85
43) 2,4,6-Trichlorophenol	13.468	196	3801m	3.661	ng	
44) 2,4,5-Trichlorophenol	13.539	196	4269	3.471	ng	95

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Instrument :
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 LOD-MDL-WATER-01-QT1-2023

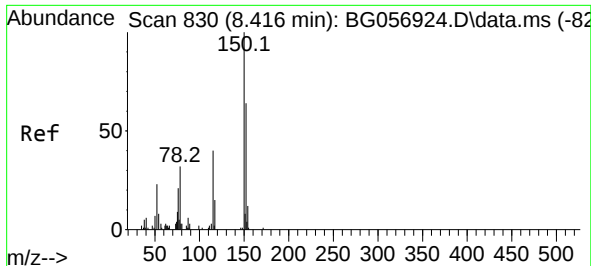
Quant Time: Apr 01 02:35:45 2023
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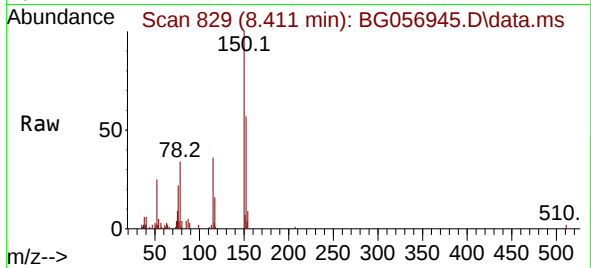
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.868	154	14323	4.170	ng	91
47) 2-Chloronaphthalene	13.915	162	10301	4.055	ng	96
48) 2-Nitroaniline	14.103	65	3328	3.664	ng #	86
49) Acenaphthylene	14.755	152	15969	3.826	ng #	92
50) Dimethylphthalate	14.461	163	14428	3.903	ng #	90
51) 2,6-Dinitrotoluene	14.585	165	3124	3.911	ng #	81
52) Acenaphthene	15.090	154	10800	3.752	ng #	82
53) 3-Nitroaniline	14.914	138	2931	3.707	ng	91
54) 2,4-Dinitrophenol	15.125	184	1008	2.242	ng #	64
55) Dibenzofuran	15.425	168	17138	3.967	ng #	95
56) 4-Nitrophenol	15.207	139	2031	3.474	ng	90
57) 2,4-Dinitrotoluene	15.366	165	3980	3.533	ng #	92
58) Fluorene	16.071	166	14063	3.934	ng	90
59) 2,3,4,6-Tetrachlorophenol	15.642	232	3942	3.520	ng #	92
60) Diethylphthalate	15.806	149	14206	3.833	ng #	94
61) 4-Chlorophenyl-phenyle...	16.047	204	8312	3.960	ng #	89
62) 4-Nitroaniline	16.071	138	3018	3.684	ng #	80
63) Azobenzene	16.341	77	14556	3.941	ng	97
65) 4,6-Dinitro-2-methylph...	16.135	198	1812	2.390	ng	83
66) n-Nitrosodiphenylamine	16.259	169	12305	3.661	ng	94
67) 4-Bromophenyl-phenylether	16.940	248	5389	3.479	ng	85
68) Hexachlorobenzene	17.069	284	5893	3.848	ng #	88
69) Atrazine	17.187	200	5601	4.015	ng	91
71) Phenanthrene	17.810	178	25170	3.943	ng	96
72) Anthracene	17.898	178	25136	3.842	ng	97
73) Carbazole	18.162	167	22313	3.911	ng #	94
74) Di-n-butylphthalate	18.685	149	24046	3.640	ng #	95
75) Fluoranthene	19.795	202	28917	3.574	ng	97
77) Benzidine	19.960	184	17324	5.186	ng #	94
78) Pyrene	20.159	202	31344	3.708	ng	93
80) Butylbenzylphthalate	21.017	149	10052	3.456	ng	93
81) Benzo(a)anthracene	22.069	228	31580	3.734	ng	96
82) 3,3'-Dichlorobenzidine	21.963	252	11926	4.176	ng	91
83) Chrysene	22.139	228	28726	3.627	ng	97
84) Bis(2-ethylhexyl)phtha...	21.922	149	14849	3.525	ng	93
85) Di-n-octyl phthalate	23.243	149	24477	3.448	ng	98
87) Indeno(1,2,3-cd)pyrene	29.705	276	35649m	3.701	ng	
88) Benzo(b)fluoranthene	24.501	252	33037	4.054	ng	95
89) Benzo(k)fluoranthene	24.571	252	31525	3.875	ng	95
90) Benzo(a)pyrene	25.458	252	28925	3.612	ng	99
91) Dibenzo(a,h)anthracene	29.782	278	30216	3.817	ng #	88
92) Benzo(g,h,i)perylene	30.998	276	29288	3.778	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.411 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

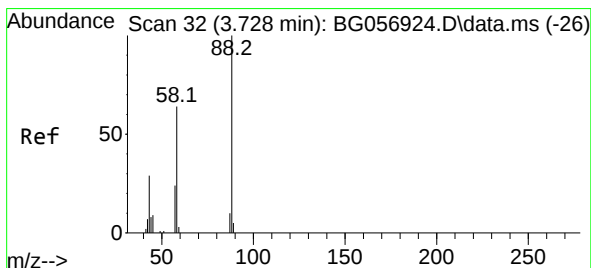
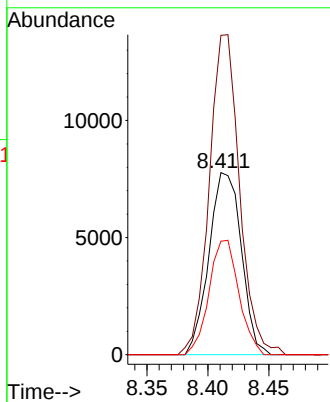
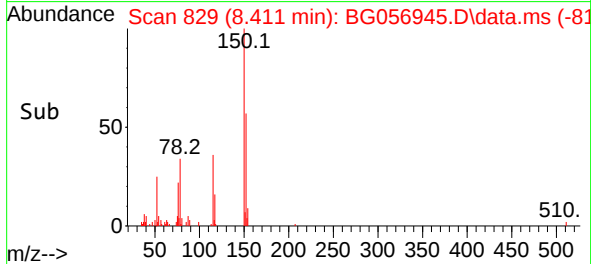
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 152 Resp: 1435
Ion Ratio Lower Upper
152 100
150 175.5 124.1 186.1
115 62.4 49.1 73.7

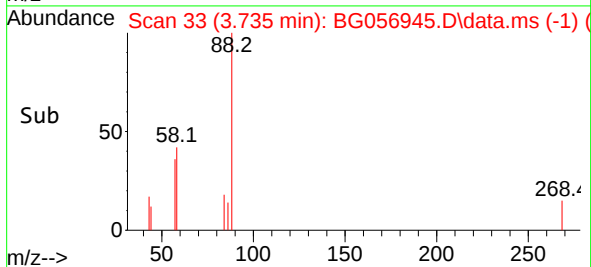
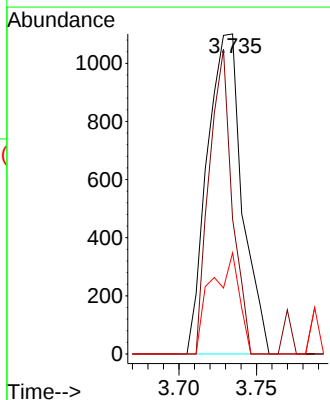
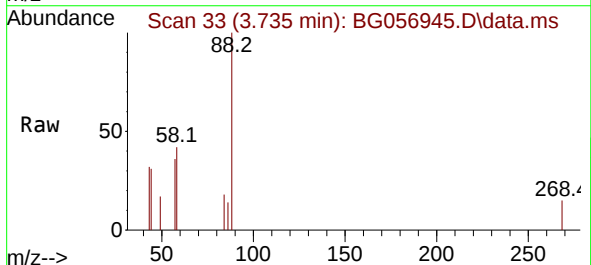
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 4.411 ng
RT: 3.735 min Scan# 33
Delta R.T. 0.006 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

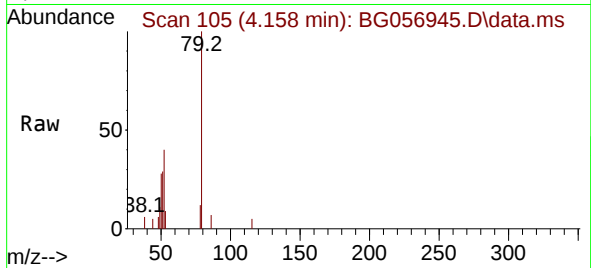
Tgt Ion: 88 Resp: 1734
Ion Ratio Lower Upper
88 100
58 62.3 55.9 83.9
43 25.0 25.7 38.5





#3
Pyridine
Concen: 3.376 ng
RT: 4.158 min Scan# 105
Delta R.T. 0.006 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

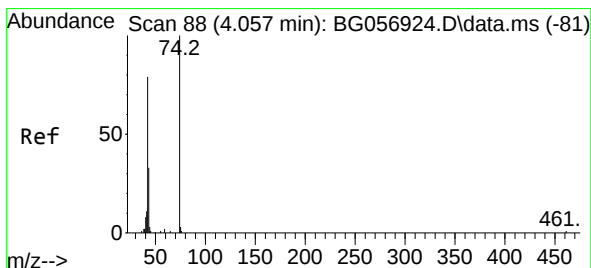
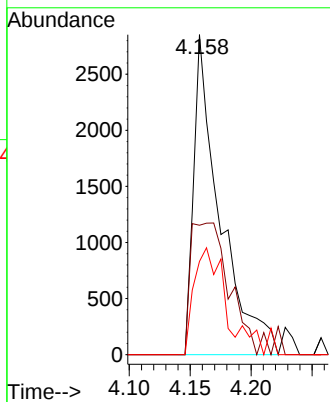
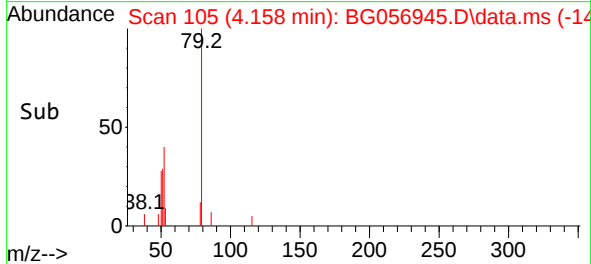
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 79 Resp: 4275
Ion Ratio Lower Upper
79 100
52 40.4 46.1 69.1
51 29.1 26.1 39.1

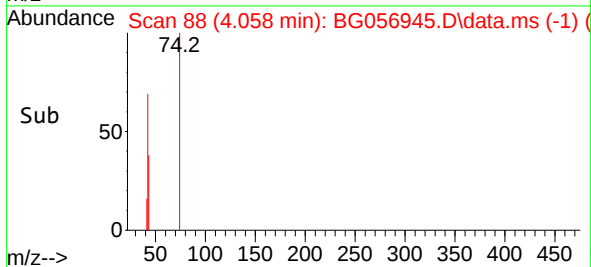
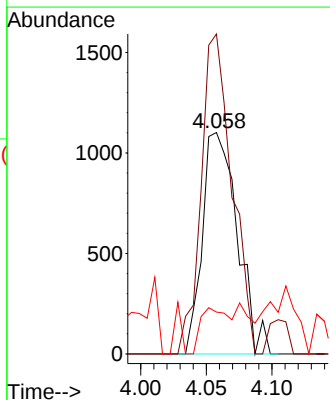
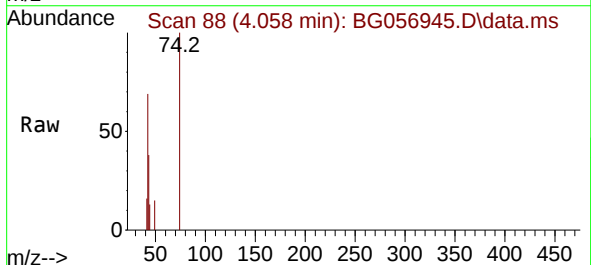
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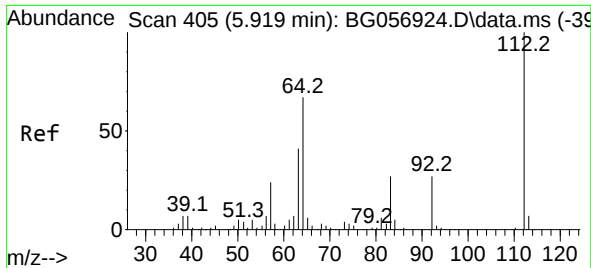
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#4
n-Nitrosodimethylamine
Concen: 3.503 ng
RT: 4.058 min Scan# 88
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion: 42 Resp: 2039
Ion Ratio Lower Upper
42 100
74 144.5 100.6 151.0
44 18.9 4.6 7.0





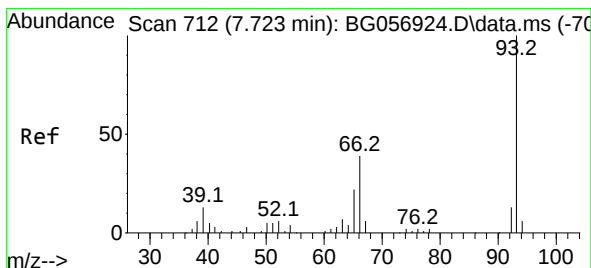
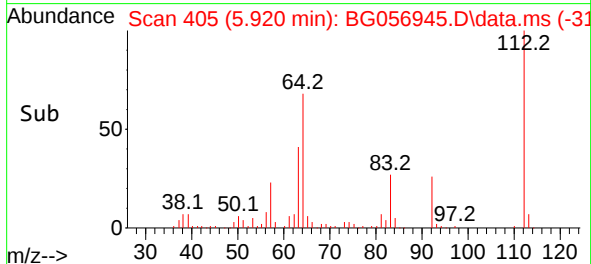
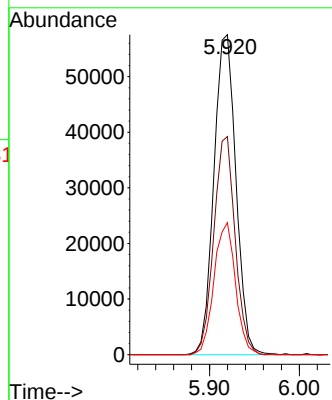
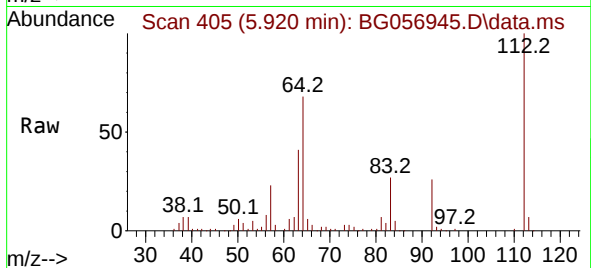
#5
2-Fluorophenol
Concen: 109.469 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 9816
Ion Ratio Lower Upper
112 100
64 68.2 53.2 79.8
63 41.2 32.6 48.8

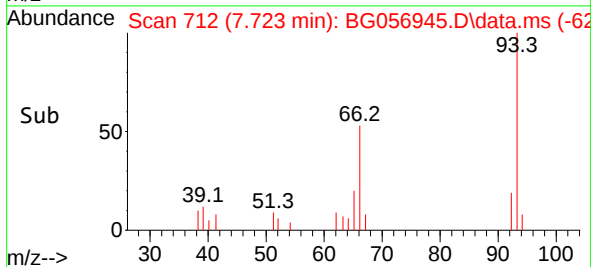
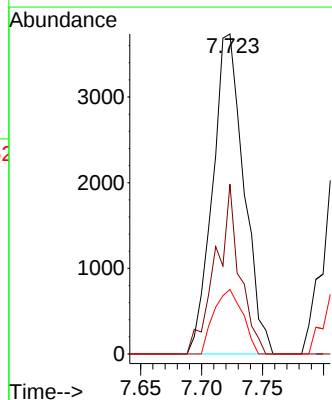
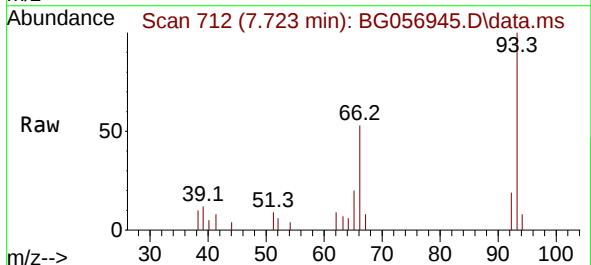
Manual Integrations
APPROVED

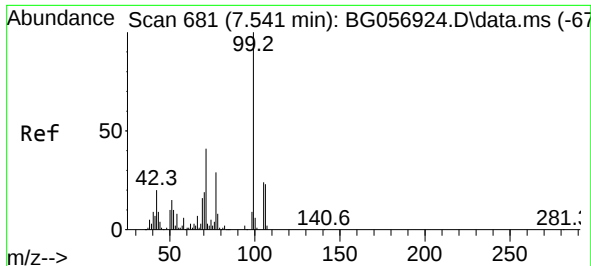
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#6
Aniline
Concen: 3.888 ng
RT: 7.723 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion: 93 Resp: 6667
Ion Ratio Lower Upper
93 100
66 53.0 31.4 47.0#
65 20.2 17.3 25.9





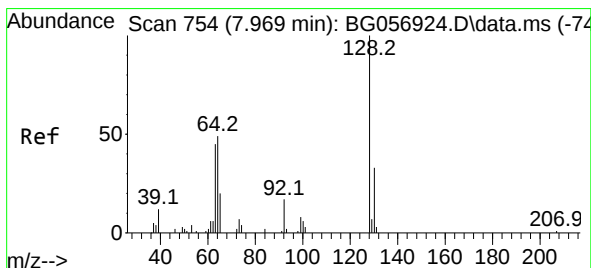
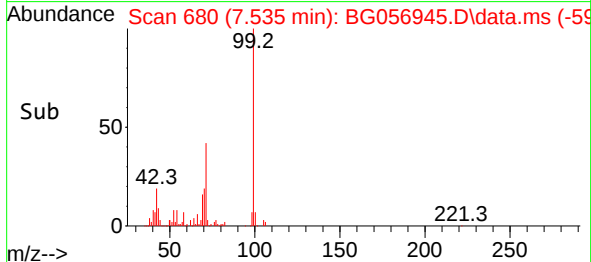
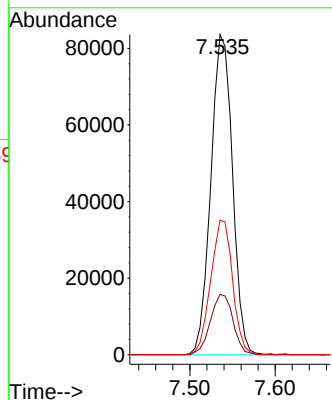
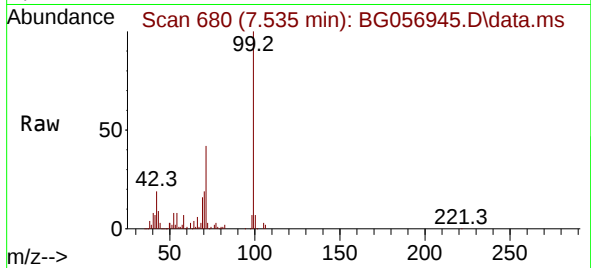
#7
Phenol-d6
Concen: 109.532 ng
RT: 7.535 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 99 Resp: 14690
Ion Ratio Lower Upper
99 100
42 18.9 15.7 23.5
71 42.0 32.5 48.7

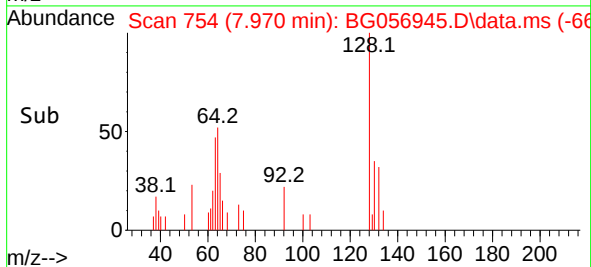
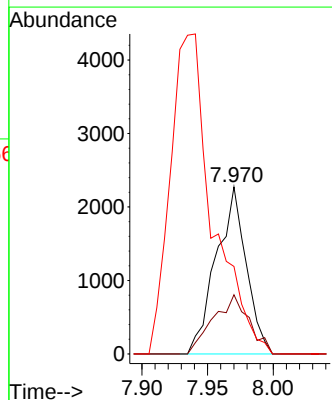
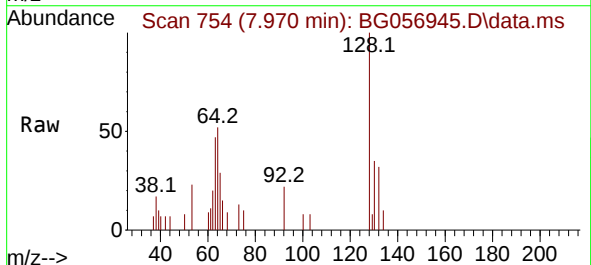
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#8
2-Chlorophenol
Concen: 4.058 ng
RT: 7.970 min Scan# 754
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:128 Resp: 3625
Ion Ratio Lower Upper
128 100
130 35.4 12.6 52.6
64 52.3 40.6 80.6





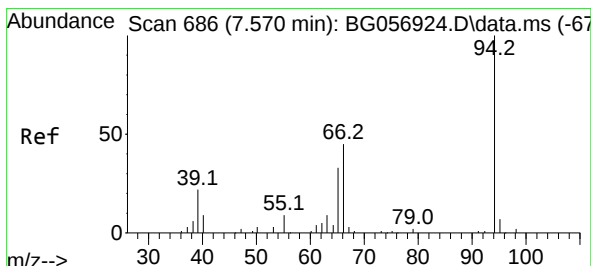
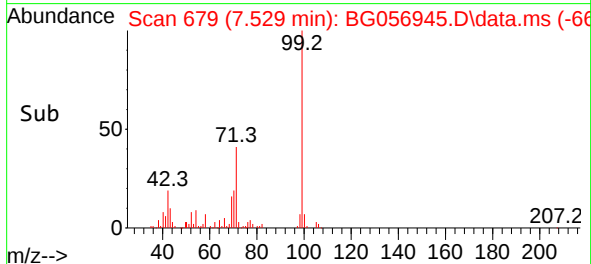
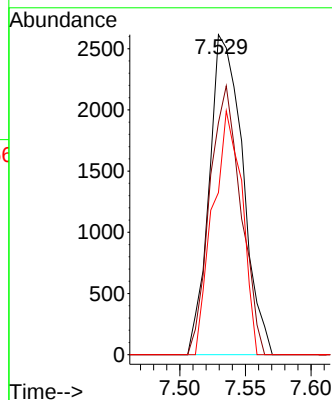
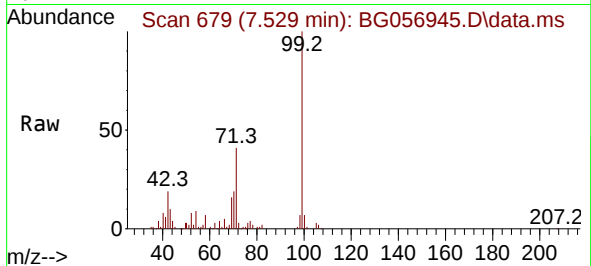
#9
Benzaldehyde
Concen: 5.493 ng
RT: 7.529 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 462
Ion Ratio Lower Upper
77 100
105 72.5 73.6 113.6
106 50.7 56.7 96.7

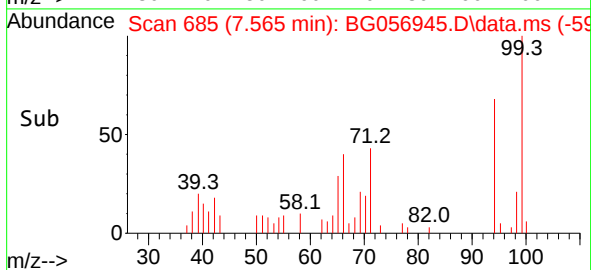
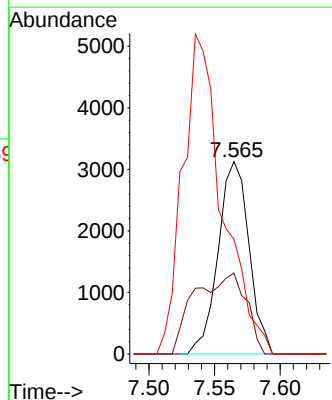
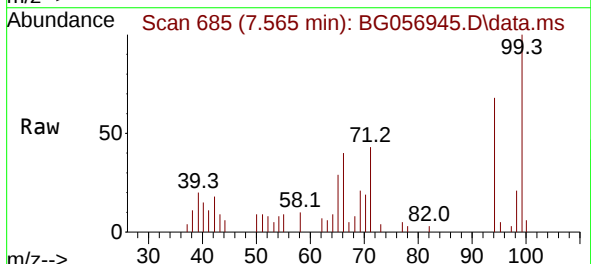
Manual Integrations
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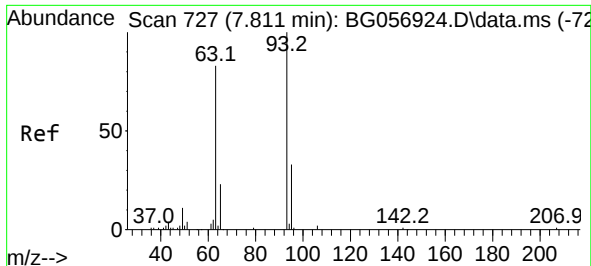
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#10
Phenol
Concen: 3.836 ng
RT: 7.565 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

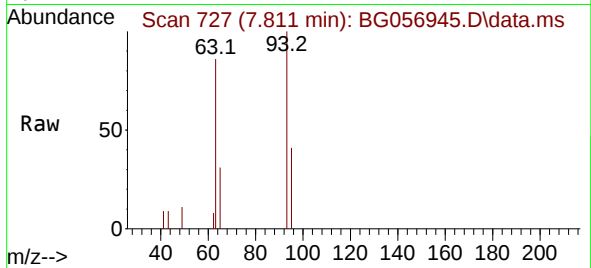
Tgt Ion: 94 Resp: 5098
Ion Ratio Lower Upper
94 100
65 42.0 13.3 53.3
66 59.7 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 3.635 ng
RT: 7.811 min Scan# 727
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

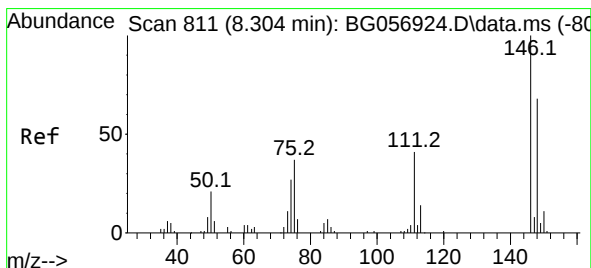
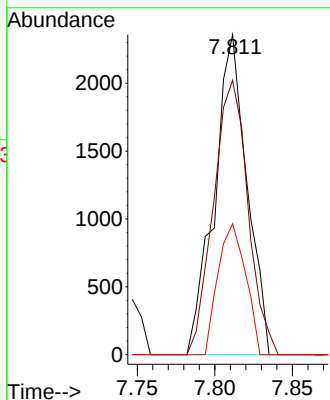
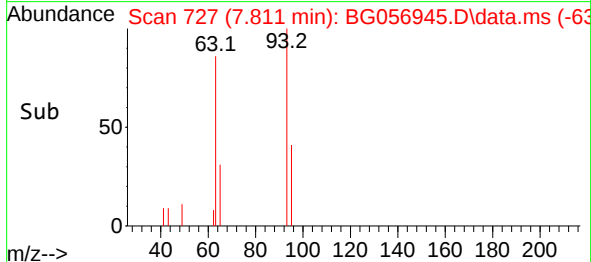
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 93 Resp: 344
Ion Ratio Lower Upper
93 100
63 85.8 62.7 102.7
95 40.9 12.3 52.3

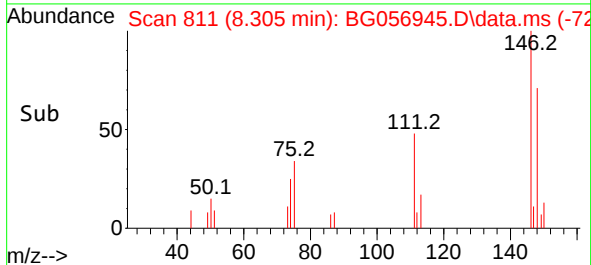
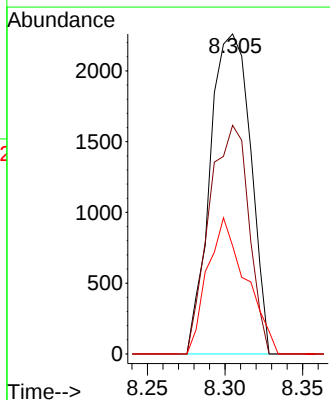
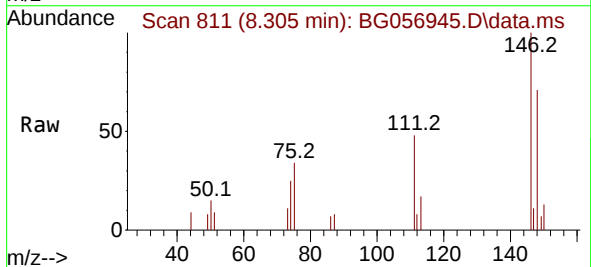
Manual Integrations
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Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#12
1,3-Dichlorobenzene
Concen: 4.159 ng
RT: 8.305 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:146 Resp: 4105
Ion Ratio Lower Upper
146 100
148 71.4 54.2 81.4
75 33.8 29.8 44.8





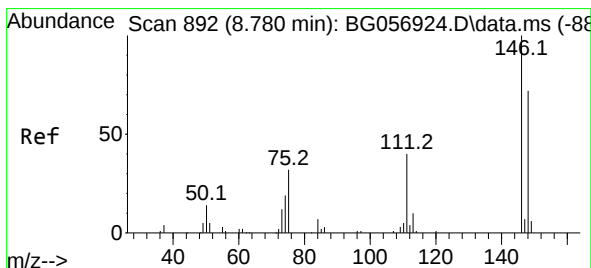
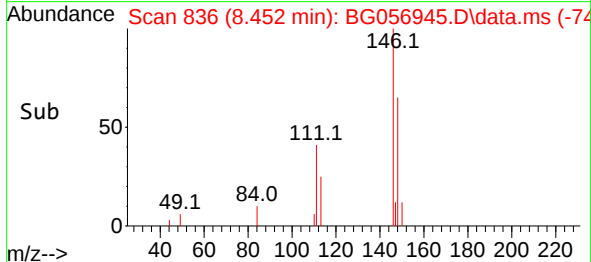
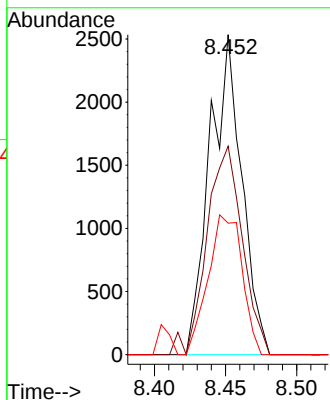
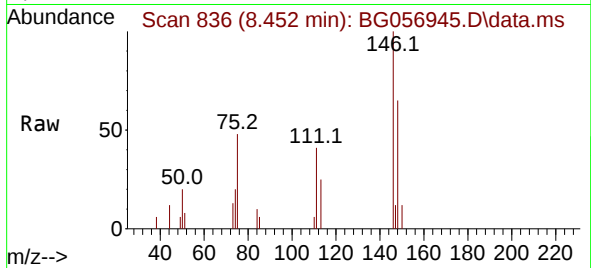
#13
1,4-Dichlorobenzene
Concen: 3.987 ng
RT: 8.452 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:146 Resp: 397
Ion Ratio Lower Upper
146 100
148 65.2 54.8 82.2
111 41.1 34.6 52.0

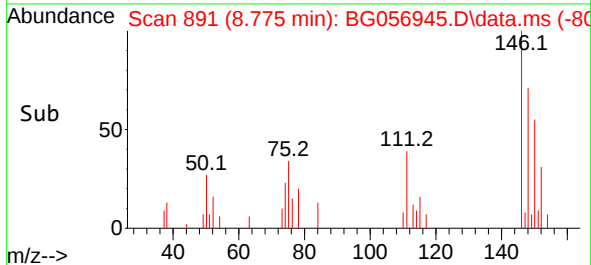
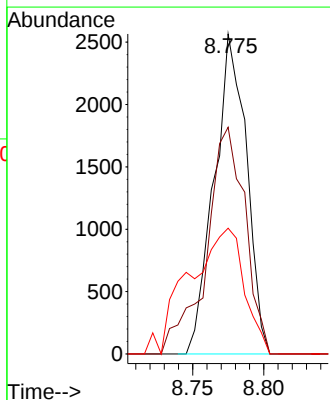
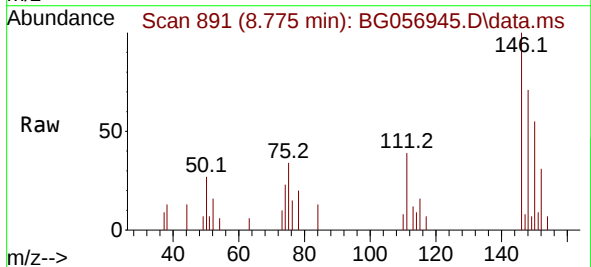
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 4.204 ng
RT: 8.775 min Scan# 891
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:146 Resp: 4046
Ion Ratio Lower Upper
146 100
148 70.8 57.4 86.0
111 39.3 33.2 49.8





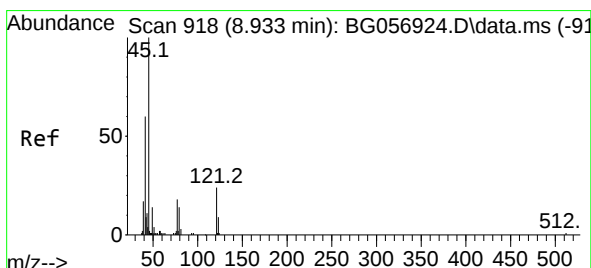
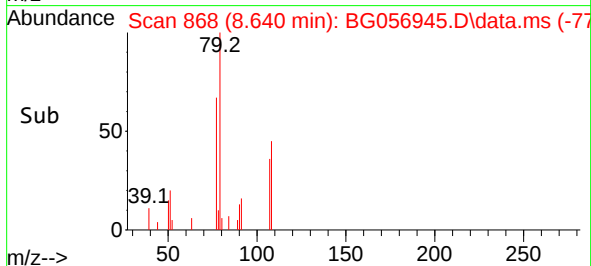
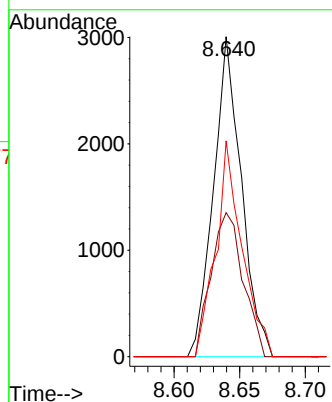
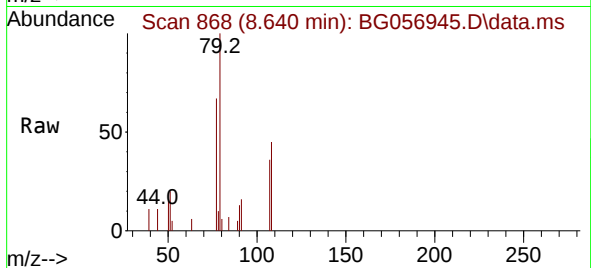
#15
Benzyl Alcohol
Concen: 3.986 ng
RT: 8.640 min Scan# 869
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 79 Resp: 444
Ion Ratio Lower Upper
79 100
108 45.0 51.2 76.8
77 67.5 54.4 81.6

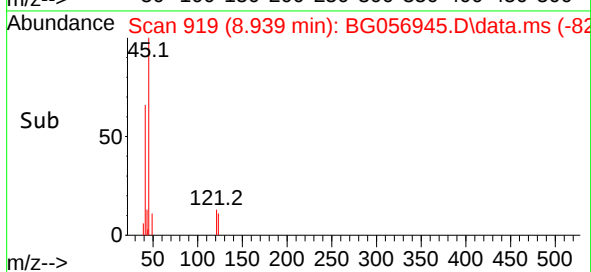
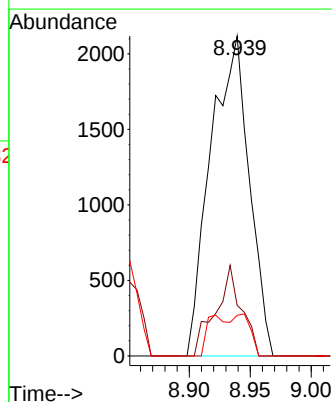
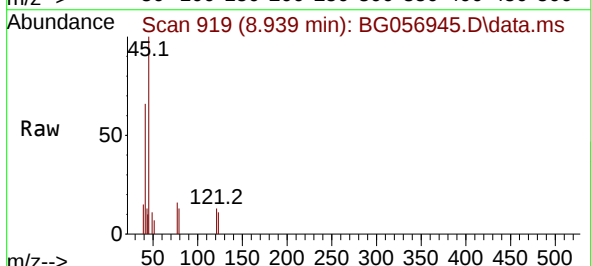
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.085 ng
RT: 8.939 min Scan# 919
Delta R.T. 0.006 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

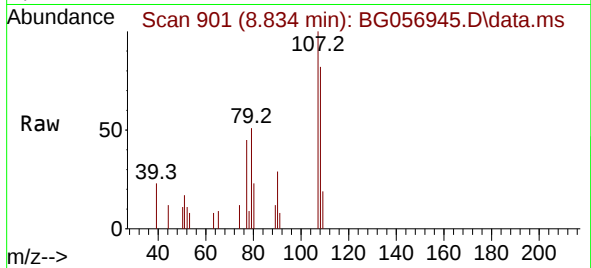
Tgt Ion: 45 Resp: 4661
Ion Ratio Lower Upper
45 100
77 15.8 0.0 38.7
79 12.7 0.0 35.1





#17
2-Methylphenol
Concen: 3.844 ng
RT: 8.834 min Scan# 903
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

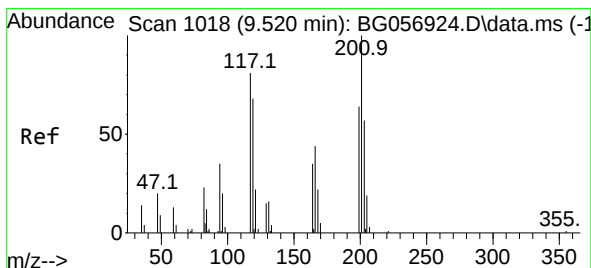
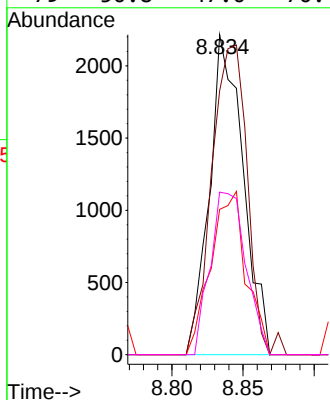
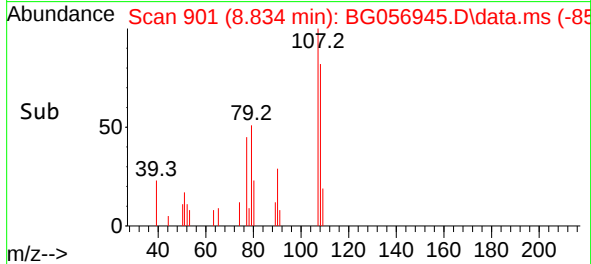
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:107 Resp: 364
Ion Ratio Lower Upper
107 100
108 82.4 96.0 144.0
77 45.4 45.6 68.4
79 50.8 47.0 70.4

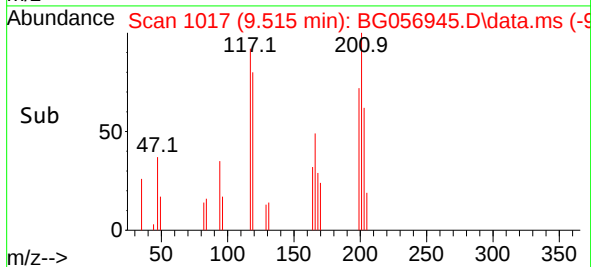
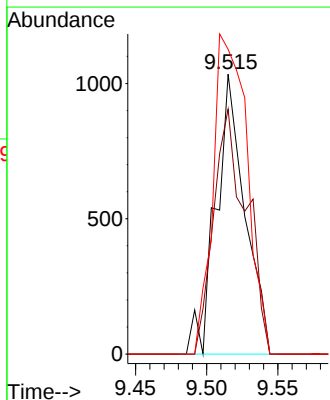
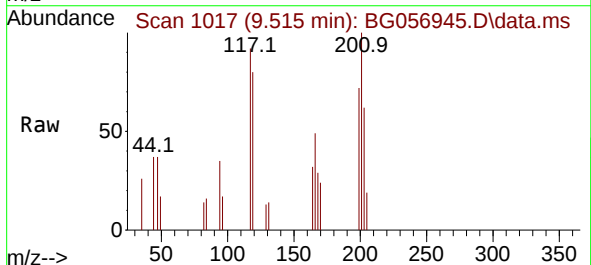
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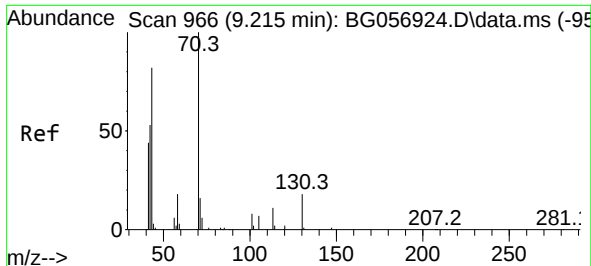
Reviewed By :Christian Giraldo 04/03/2023
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#18
Hexachloroethane
Concen: 4.018 ng
RT: 9.515 min Scan# 1017
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

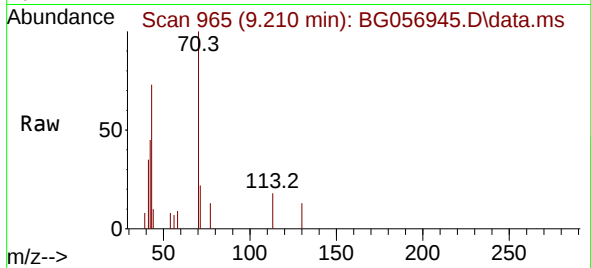
Tgt Ion:117 Resp: 1463
Ion Ratio Lower Upper
117 100
119 87.5 67.0 100.6
201 108.9 98.7 148.1





#19
n-Nitroso-di-n-propylamine
Concen: 4.257 ng
RT: 9.210 min Scan# 901
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

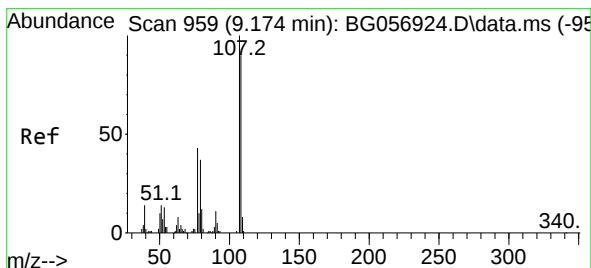
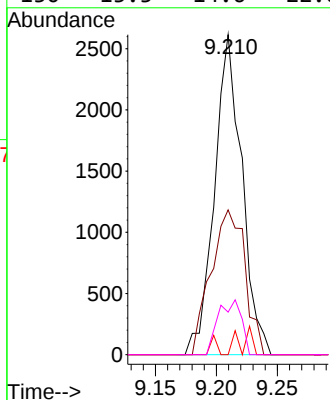
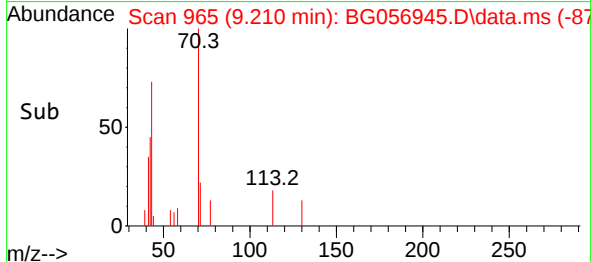
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



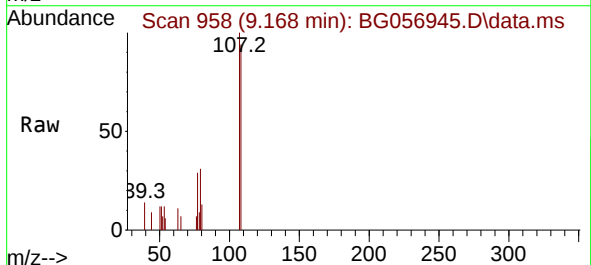
Tgt Ion: 70 Resp: 4084
Ion Ratio Lower Upper
70 100
42 45.2 43.4 65.0
101 0.0 6.2 9.2
130 13.3 14.6 22.0#

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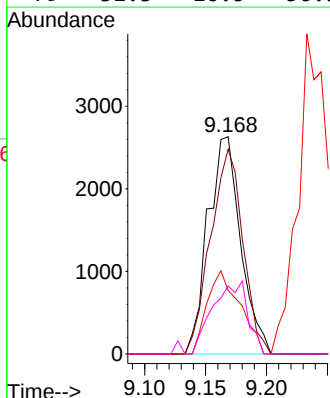
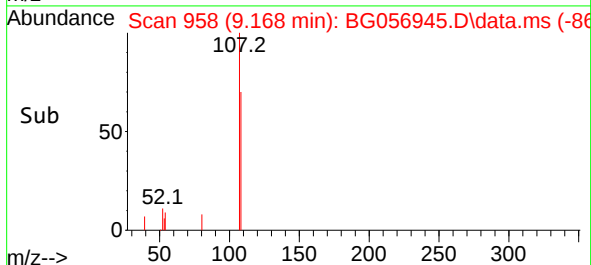
Reviewed By :Christian Giraldo 04/03/2023
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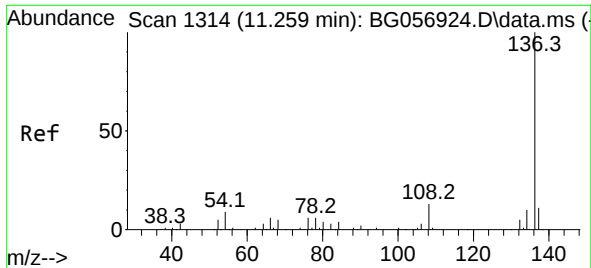


#20
3+4-Methylphenols
Concen: 3.710 ng
RT: 9.168 min Scan# 958
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



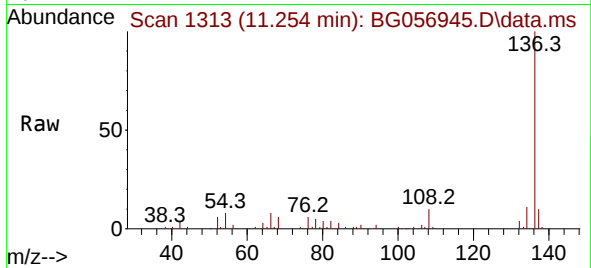
Tgt Ion:107 Resp: 4919
Ion Ratio Lower Upper
107 100
108 94.2 69.9 109.9
77 29.1 22.7 62.7
79 31.3 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.254 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

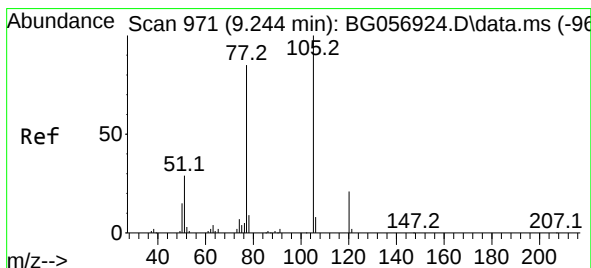
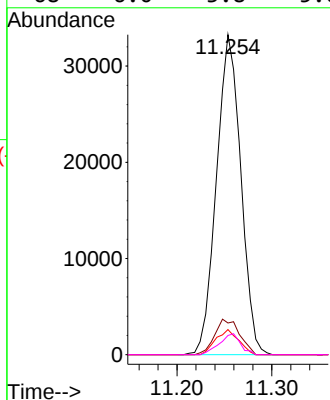
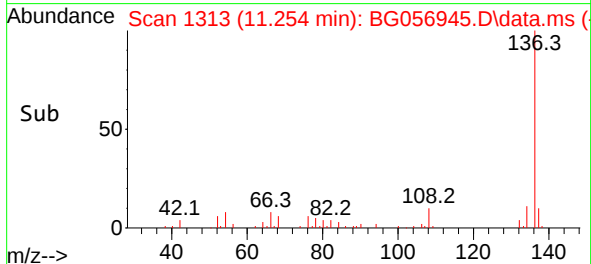
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:136 Resp: 59429
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 7.9 6.9 10.3
68 6.0 3.8 5.6#

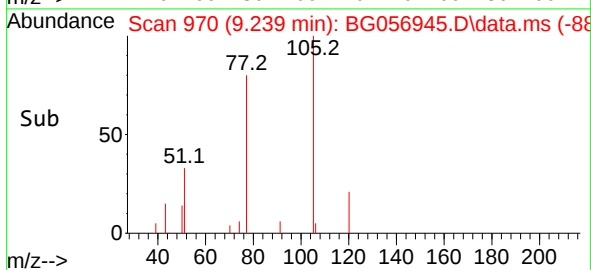
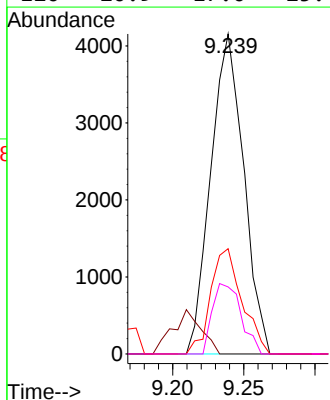
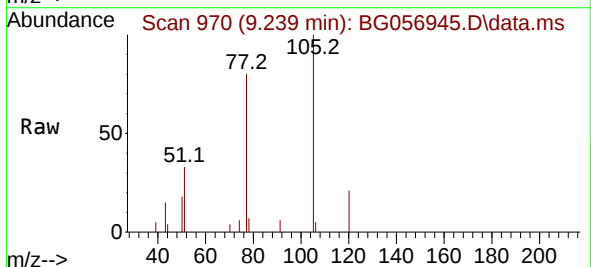
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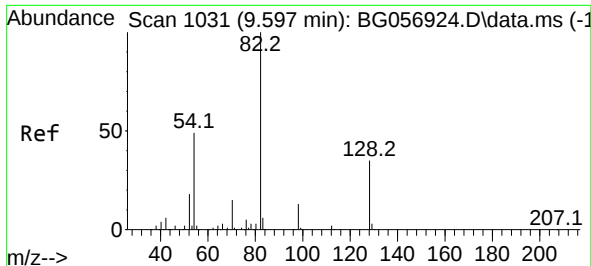
Reviewed By :Christian Giraldo 04/03/2023
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#22
Acetophenone
Concen: 3.783 ng
RT: 9.239 min Scan# 970
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

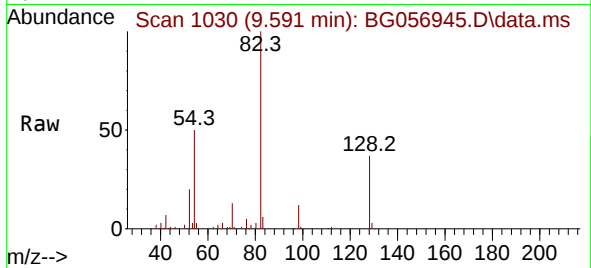
Tgt Ion:105 Resp: 6690
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 32.9 23.8 35.8
120 20.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 78.648 ng
RT: 9.591 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

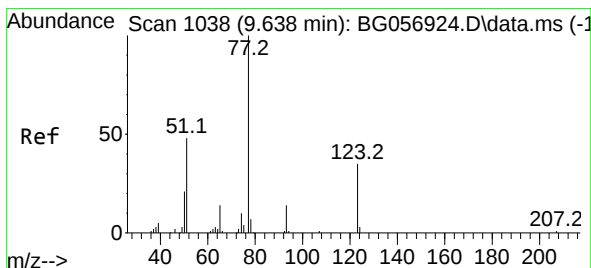
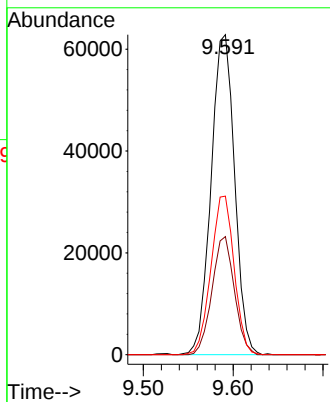
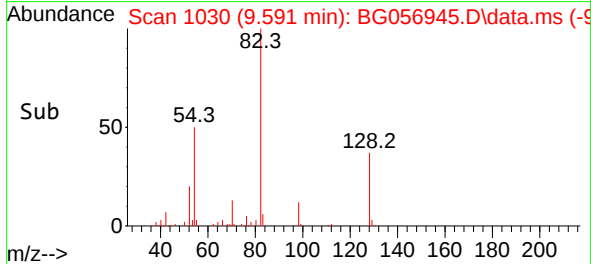
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 82 Resp: 114229
Ion Ratio Lower Upper
82 100
128 36.9 27.9 41.9
54 49.6 39.4 59.2

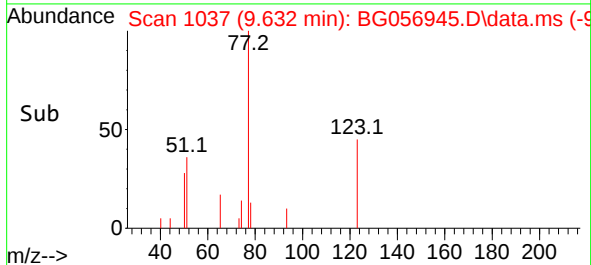
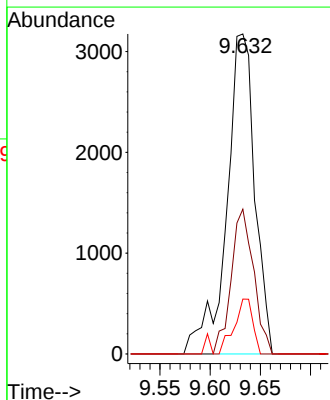
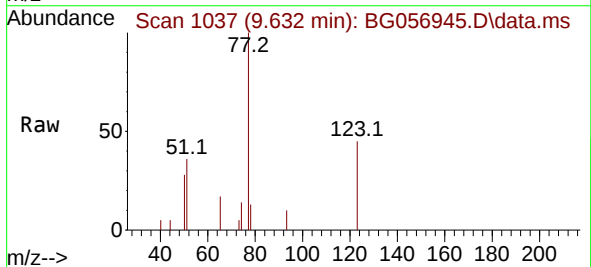
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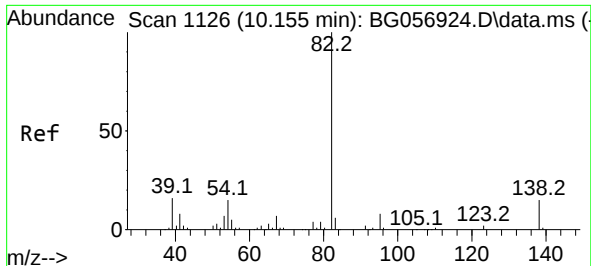
Reviewed By :Christian Giraldo 04/03/2023
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#24
Nitrobenzene
Concen: 4.175 ng
RT: 9.632 min Scan# 1037
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion: 77 Resp: 6199
Ion Ratio Lower Upper
77 100
123 45.3 27.6 41.4#
65 17.2 11.5 17.3





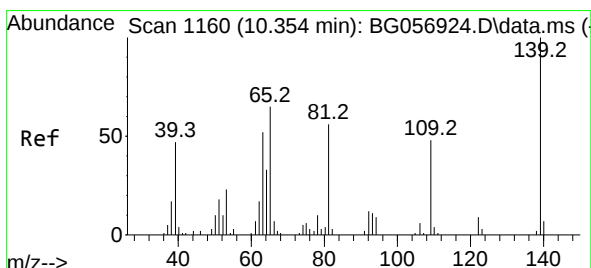
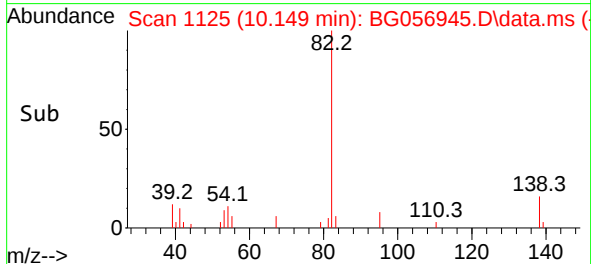
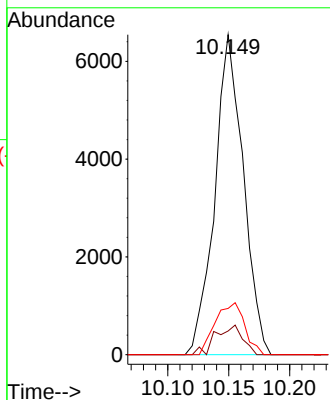
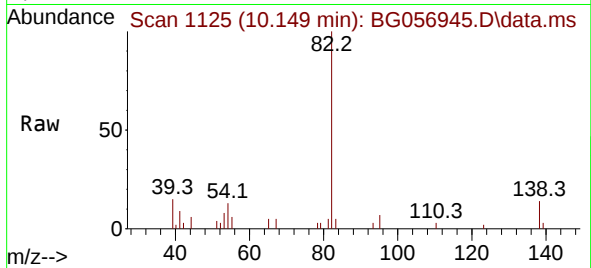
#25
Isophorone
Concen: 3.853 ng
RT: 10.149 min Scan# 1125
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 82 Resp: 1065
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 14.5 11.8 17.8

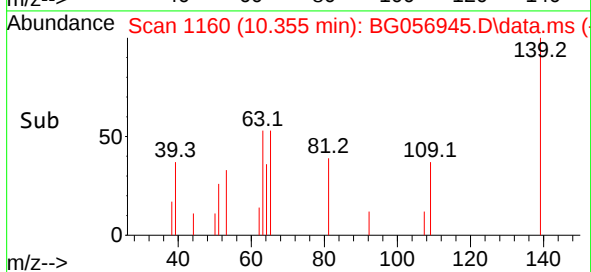
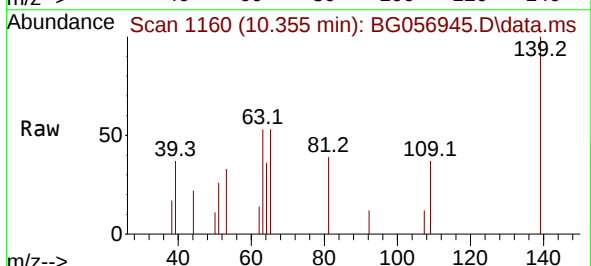
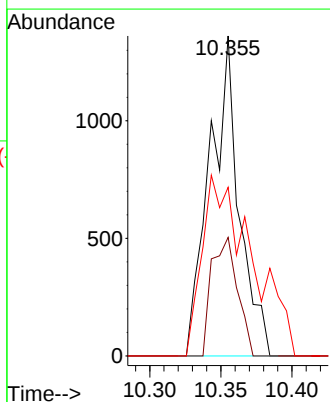
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#26
2-Nitrophenol
Concen: 3.434 ng
RT: 10.355 min Scan# 1160
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

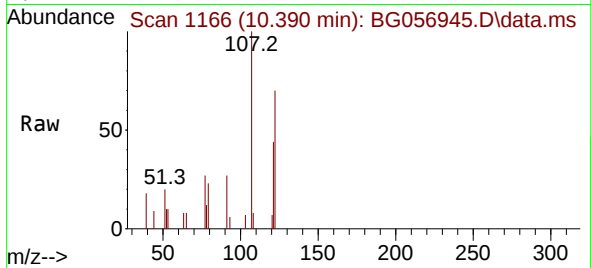
Tgt Ion:139 Resp: 1968
Ion Ratio Lower Upper
139 100
109 37.0 38.2 57.4#
65 52.7 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 3.410 ng
RT: 10.390 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

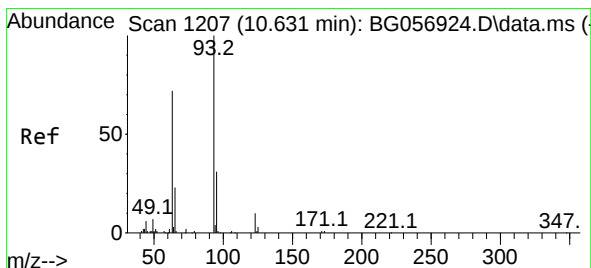
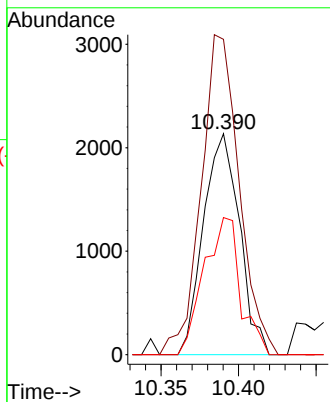
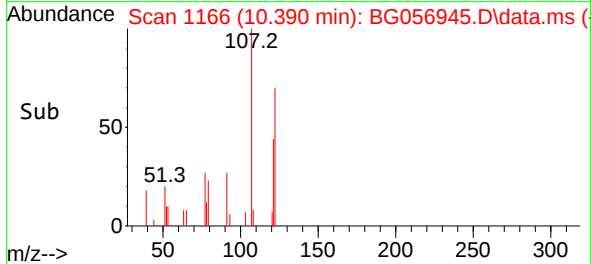
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:122 Resp: 345
Ion Ratio Lower Upper
122 100
107 142.7 105.7 158.5
121 62.1 48.0 72.0

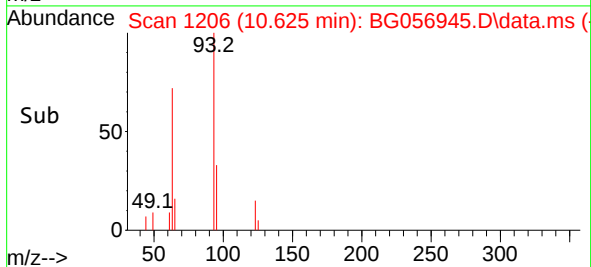
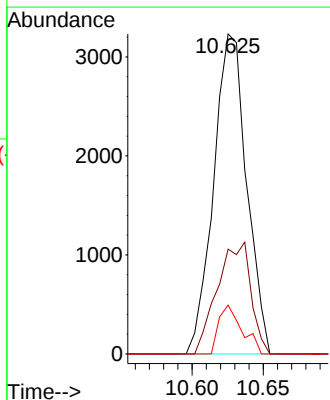
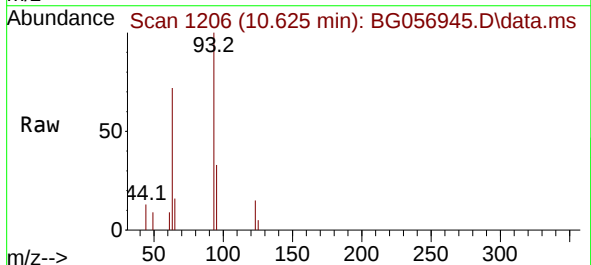
Manual Integrations
APPROVED

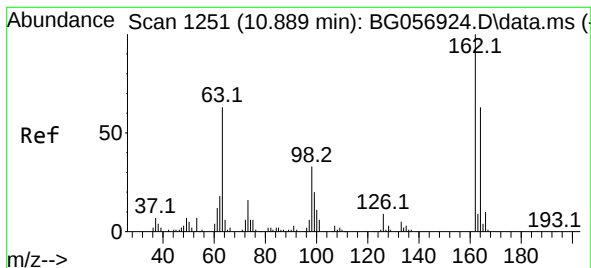
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 3.771 ng
RT: 10.625 min Scan# 1206
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion: 93 Resp: 5222
Ion Ratio Lower Upper
93 100
95 32.7 24.6 37.0
123 15.3 7.8 11.6#





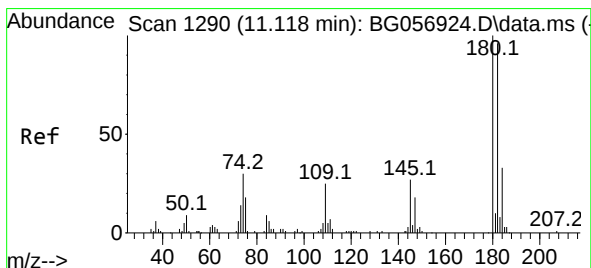
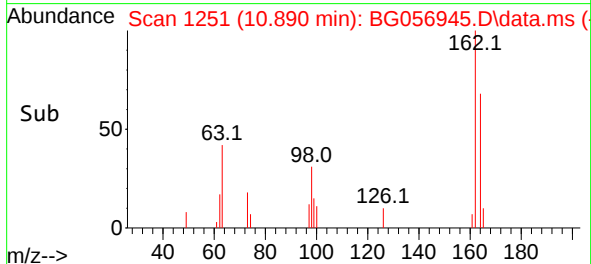
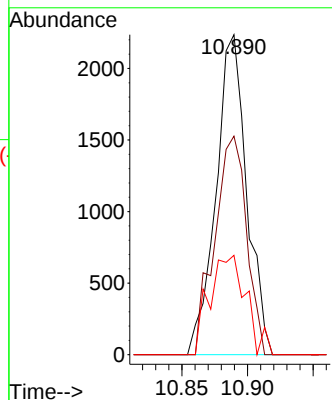
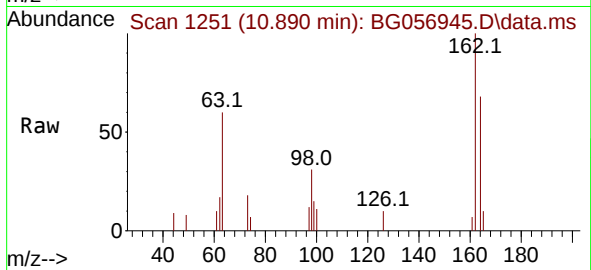
#29
2,4-Dichlorophenol
Concen: 3.345 ng
RT: 10.890 min Scan# 1287
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:162 Resp: 364
Ion Ratio Lower Upper
162 100
164 68.3 43.4 83.4
98 31.0 12.5 52.5

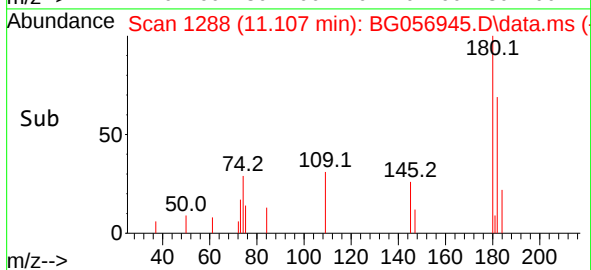
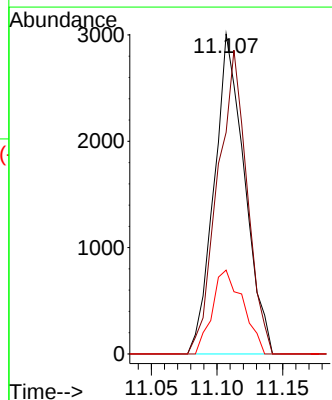
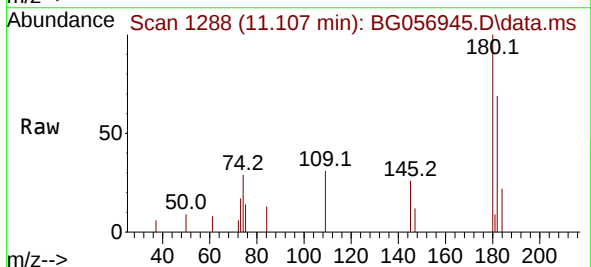
Manual Integrations
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Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#30
1,2,4-Trichlorobenzene
Concen: 4.174 ng
RT: 11.107 min Scan# 1288
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

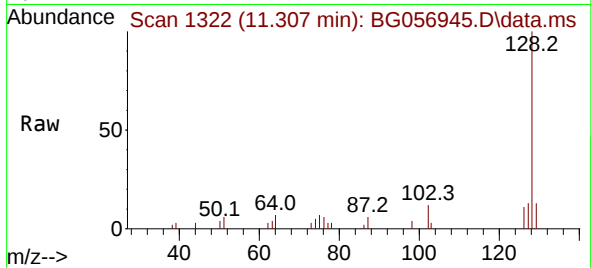
Tgt Ion:180 Resp: 4827
Ion Ratio Lower Upper
180 100
182 69.3 77.1 115.7#
145 26.2 21.3 31.9





#31
Naphthalene
Concen: 3.875 ng
RT: 11.307 min Scan# 11307
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

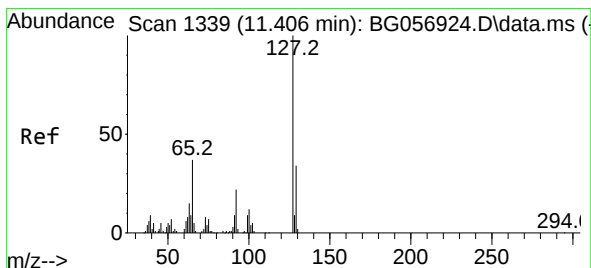
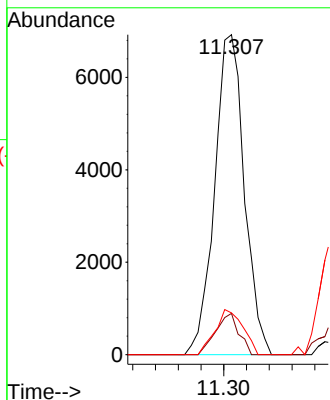
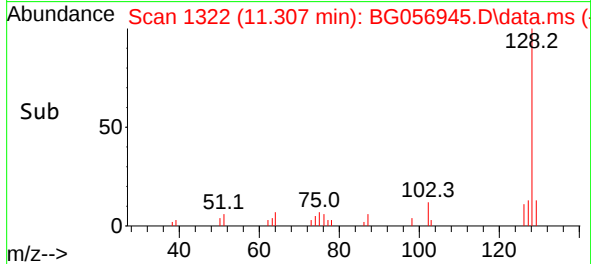
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 1255
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.2
127 13.1 12.2 18.4

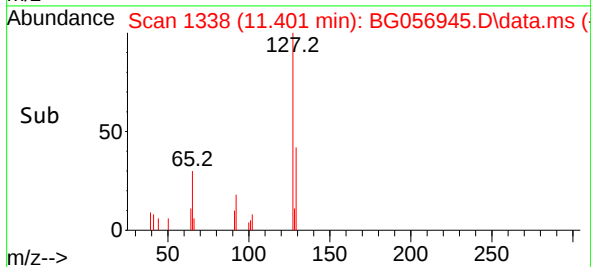
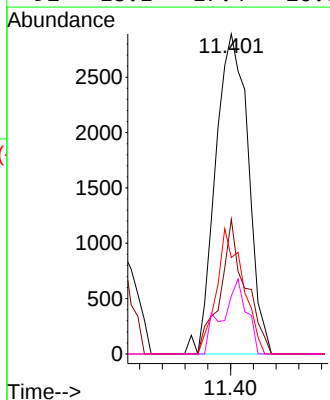
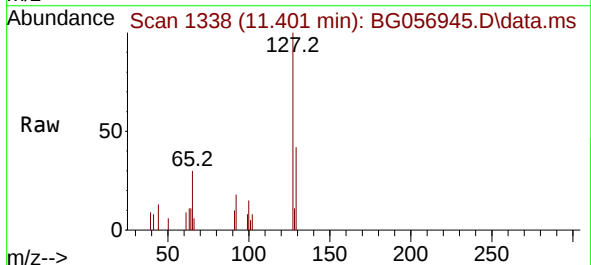
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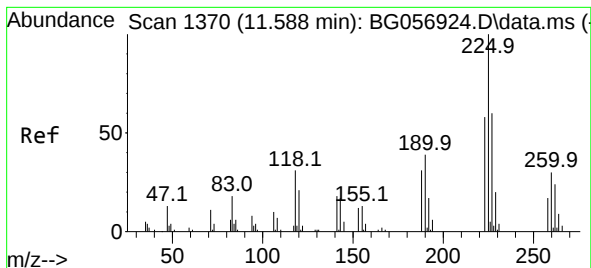
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#33
4-Chloroaniline
Concen: 3.939 ng
RT: 11.401 min Scan# 1338
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

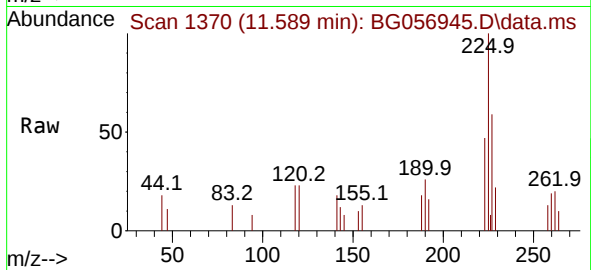
Tgt Ion:127 Resp: 5763
Ion Ratio Lower Upper
127 100
129 42.1 27.6 41.4#
65 30.2 29.8 44.8
92 18.1 17.4 26.0





#34
Hexachlorobutadiene
Concen: 4.081 ng
RT: 11.589 min Scan# 1158
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

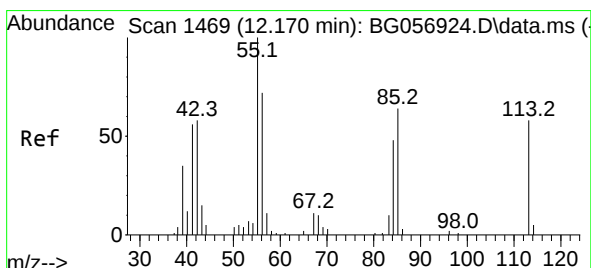
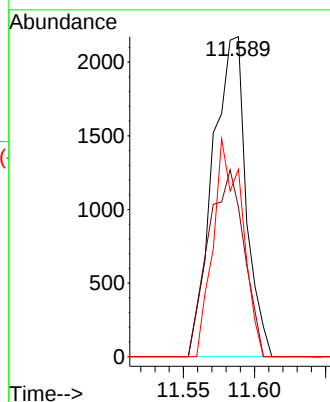
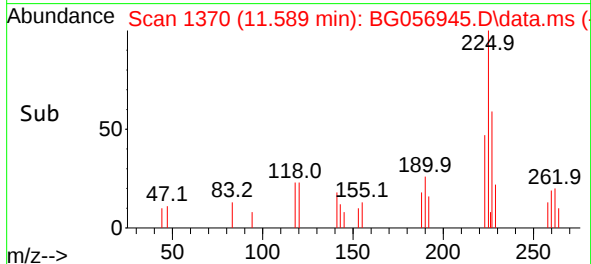
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:225 Resp: 3549
Ion Ratio Lower Upper
225 100
223 46.8 46.4 69.6
227 58.5 48.0 72.0

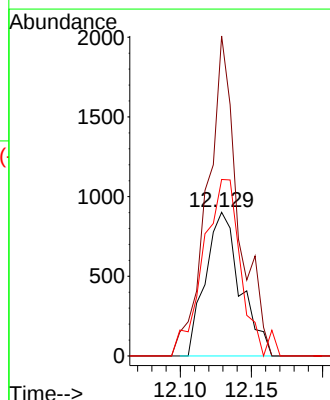
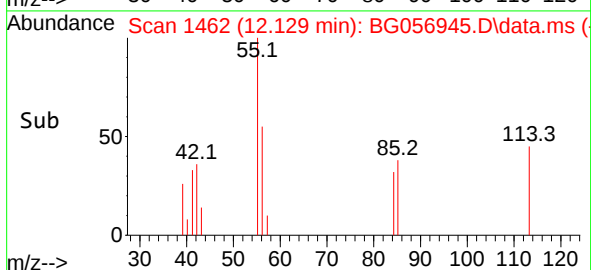
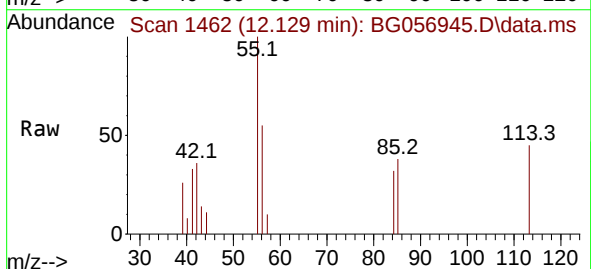
Manual Integrations
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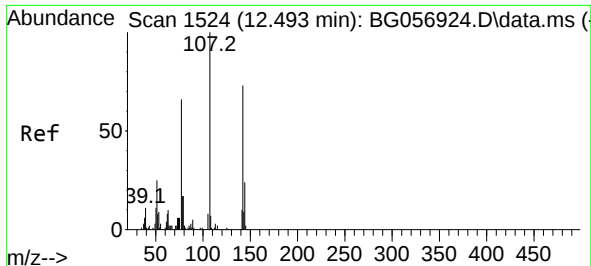
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#35
Caprolactam
Concen: 4.098 ng
RT: 12.129 min Scan# 1462
Delta R.T. -0.041 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

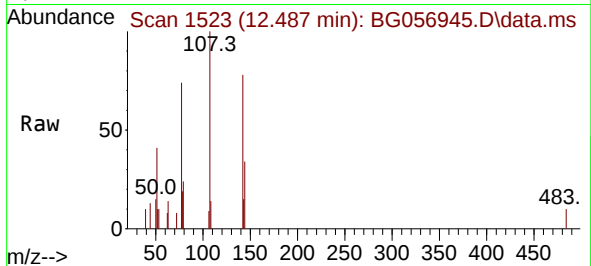
Tgt Ion:113 Resp: 1538
Ion Ratio Lower Upper
113 100
55 222.6 151.6 191.6#
56 122.8 103.7 143.7





#36
4-Chloro-3-methylphenol
Concen: 3.310 ng
RT: 12.487 min Scan# 1523
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

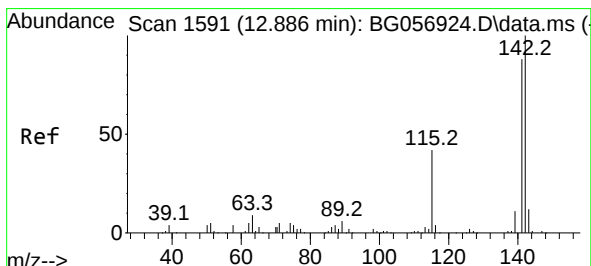
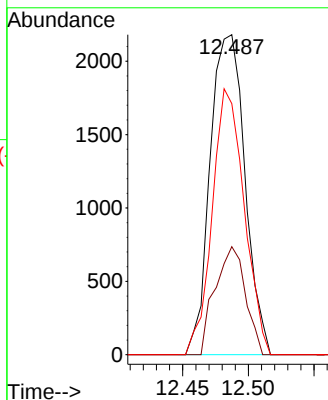
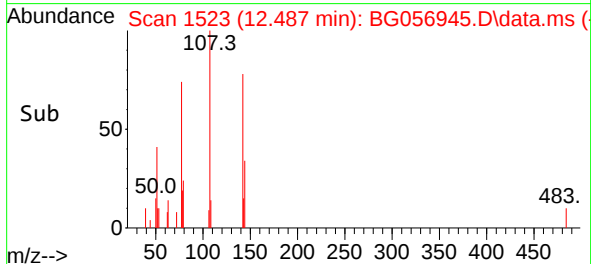
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



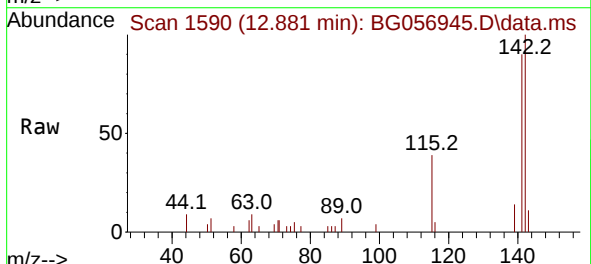
Tgt Ion:107 Resp: 4029
Ion Ratio Lower Upper
107 100
144 33.7 19.0 28.4
142 78.5 58.6 88.0

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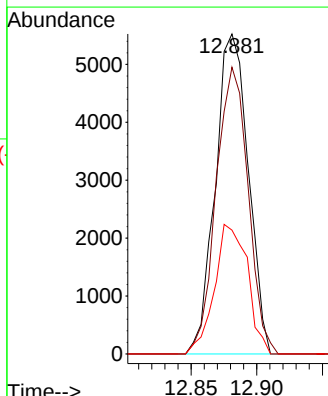
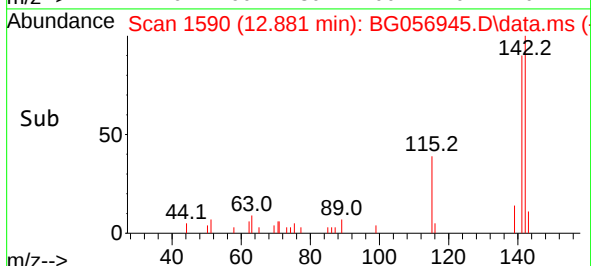
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

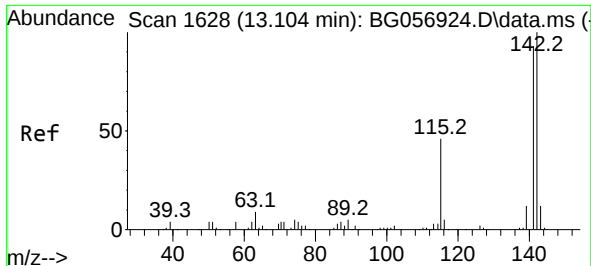


#37
2-Methylnaphthalene
Concen: 3.750 ng
RT: 12.881 min Scan# 1590
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



Tgt Ion:142 Resp: 9641
Ion Ratio Lower Upper
142 100
141 89.6 70.3 105.5
115 38.7 33.5 50.3





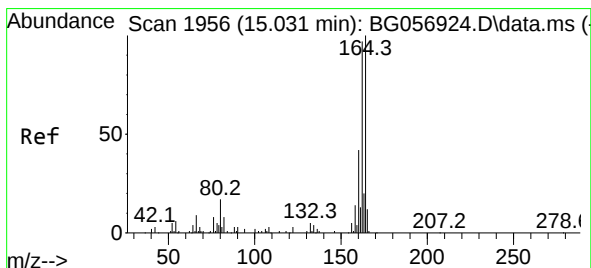
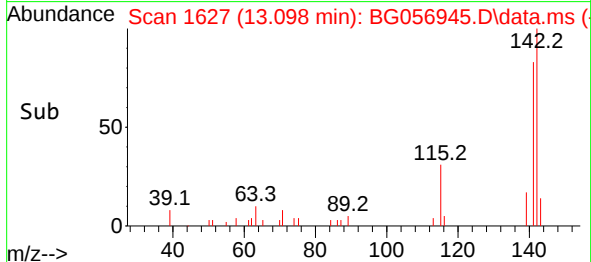
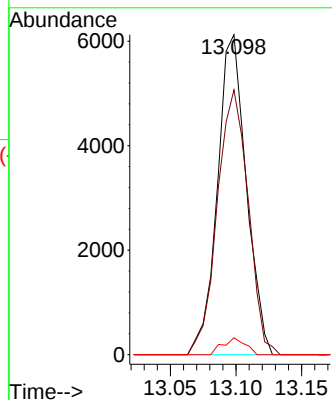
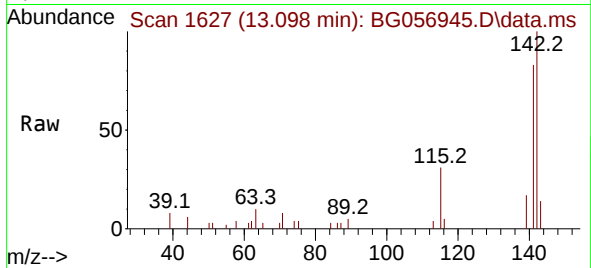
#38
1-Methylnaphthalene
Concen: 3.875 ng
RT: 13.098 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:142 Resp: 9354
Ion Ratio Lower Upper
142 100
141 82.8 74.0 111.0
116 5.3 3.7 5.5

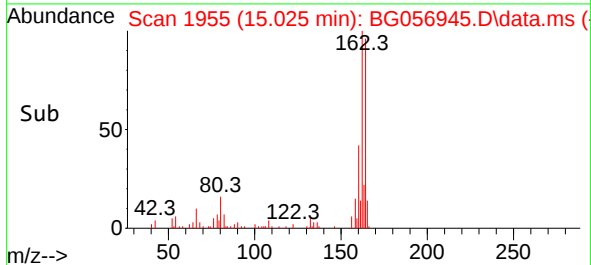
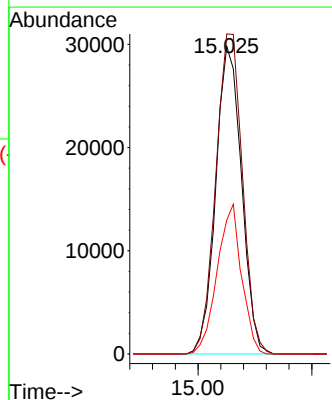
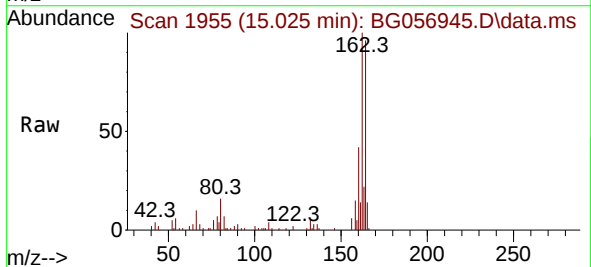
Manual Integrations
APPROVED

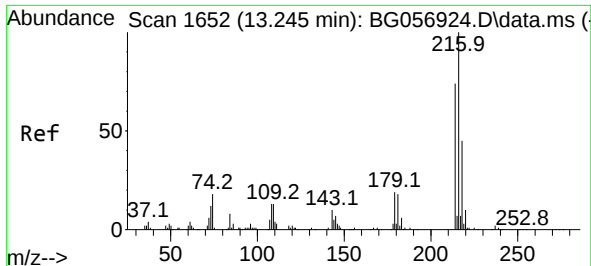
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.025 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

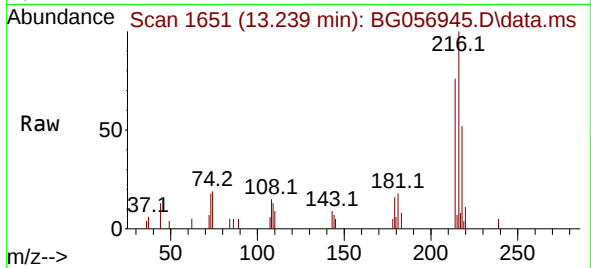
Tgt Ion:164 Resp: 46920
Ion Ratio Lower Upper
164 100
162 104.1 77.8 116.8
160 43.5 33.5 50.3





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.163 ng
RT: 13.239 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

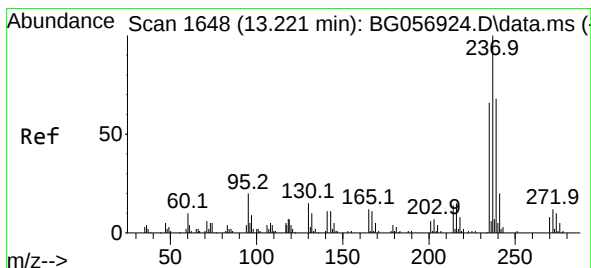
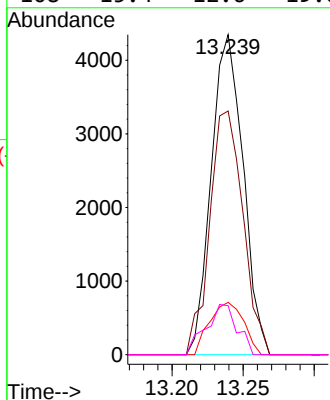
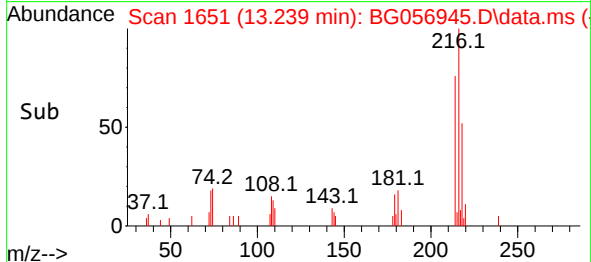
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



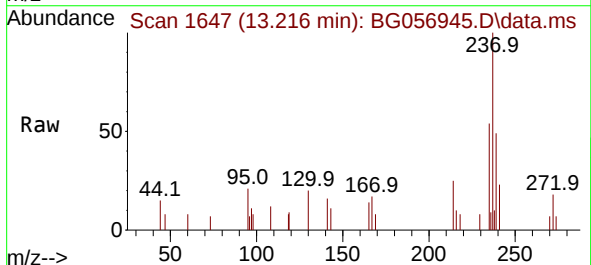
Tgt Ion:216 Resp: 677
Ion Ratio Lower Upper
216 100
214 79.6 63.3 94.9
179 17.5 15.0 22.6
108 15.4 12.6 19.0

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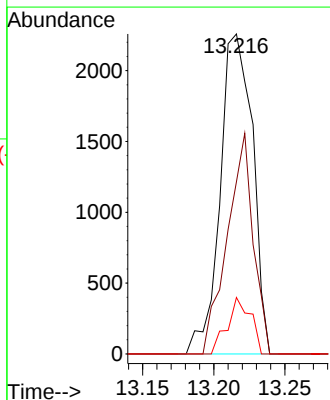
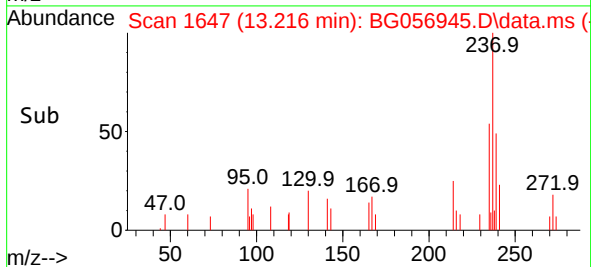
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

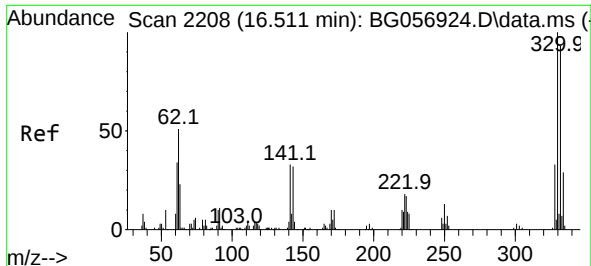


#41
Hexachlorocyclopentadiene
Concen: 4.004 ng
RT: 13.216 min Scan# 1647
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



Tgt Ion:237 Resp: 3589
Ion Ratio Lower Upper
237 100
235 53.8 45.9 85.9
272 17.7 0.0 32.3





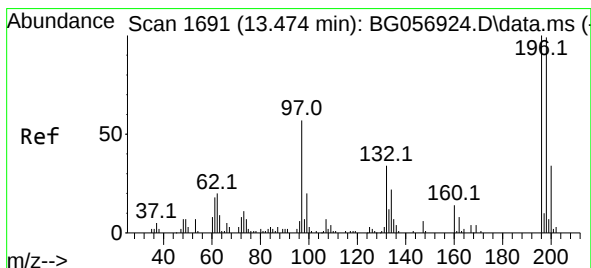
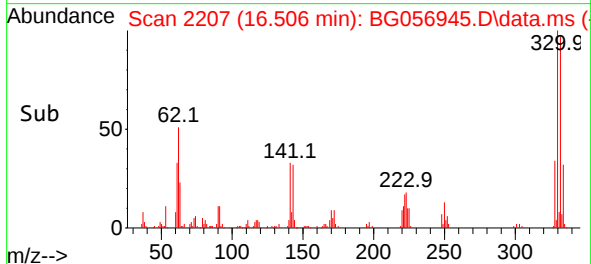
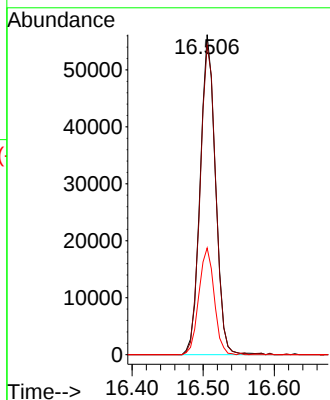
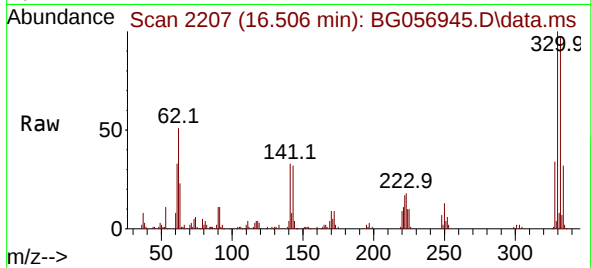
#42
2,4,6-Tribromophenol
Concen: 112.367 ng
RT: 16.506 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:330 Resp: 84220
Ion Ratio Lower Upper
330 100
332 98.4 76.1 114.1
141 33.4 25.8 38.6

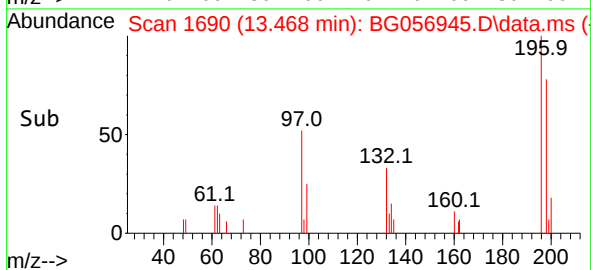
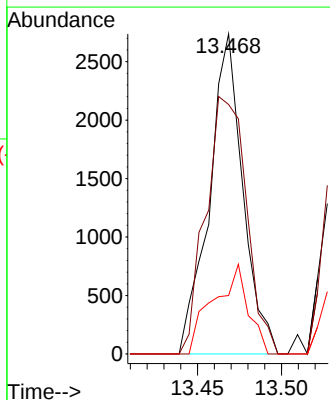
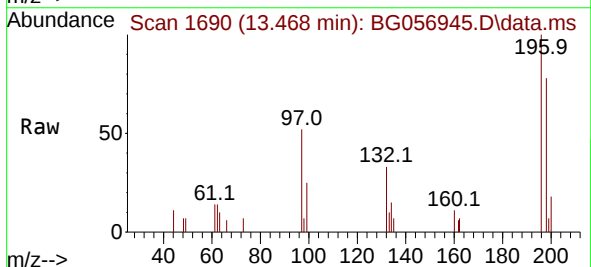
Manual Integrations
APPROVED

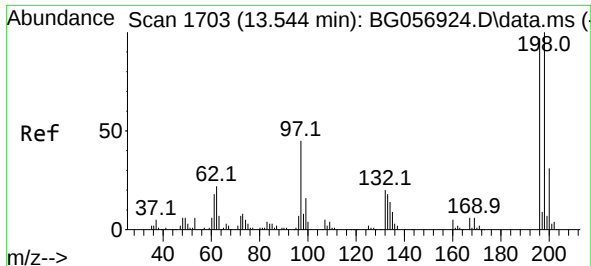
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#43
2,4,6-Trichlorophenol
Concen: 3.661 ng m
RT: 13.468 min Scan# 1690
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

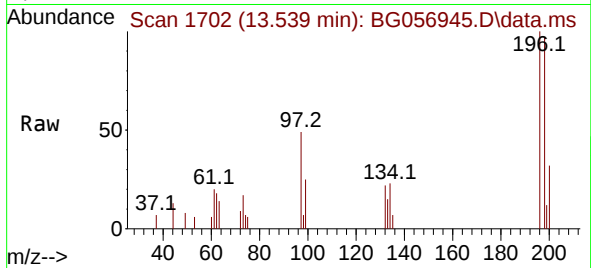
Tgt Ion:196 Resp: 3801
Ion Ratio Lower Upper
196 100
198 77.9 79.1 118.7#
200 18.2 27.2 40.8#





#44
2,4,5-Trichlorophenol
Concen: 3.471 ng
RT: 13.539 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

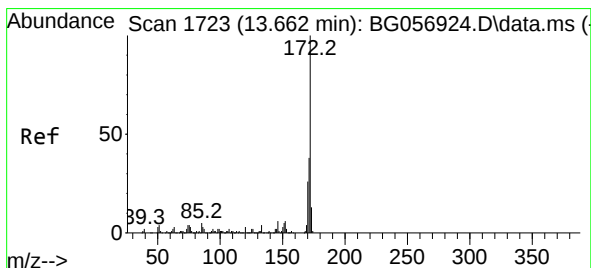
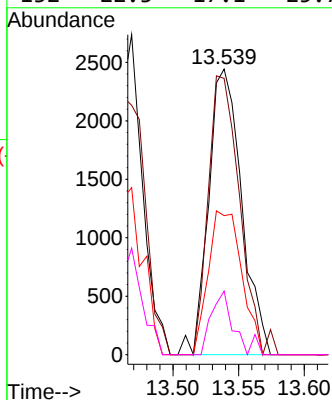
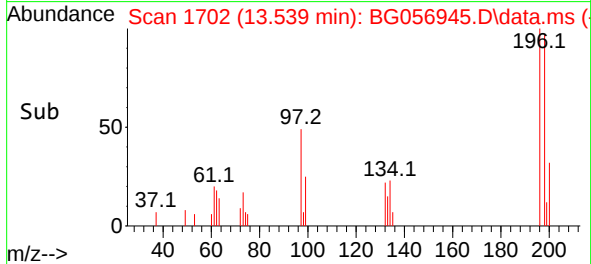
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:196 Resp: 4269
Ion Ratio Lower Upper
196 100
198 96.7 82.5 123.7
97 48.7 37.0 55.6
132 22.3 17.1 25.7

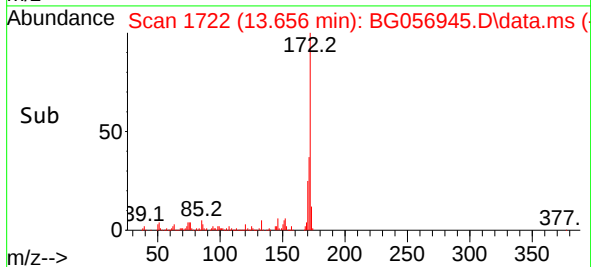
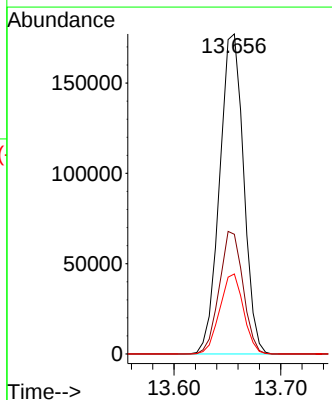
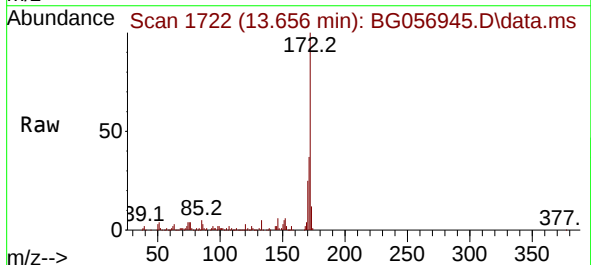
Manual Integrations
APPROVED

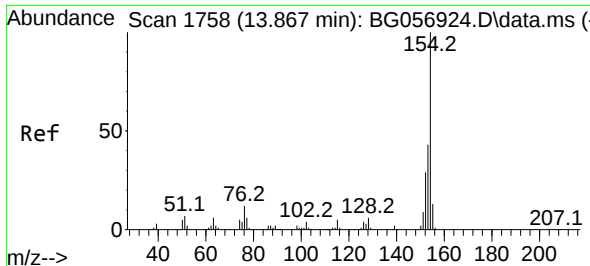
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#45
2-Fluorobiphenyl
Concen: 80.053 ng
RT: 13.656 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:172 Resp: 276997
Ion Ratio Lower Upper
172 100
171 37.4 30.6 46.0
170 25.0 20.6 30.8





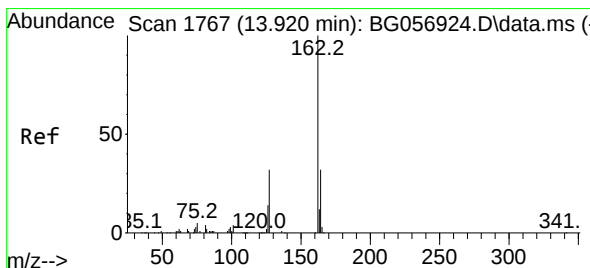
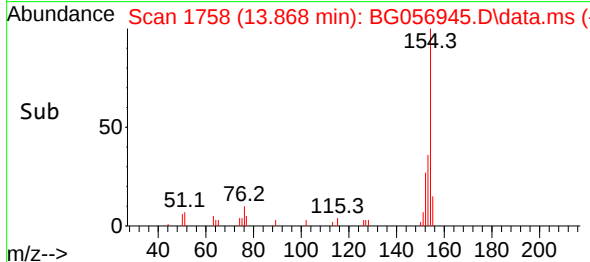
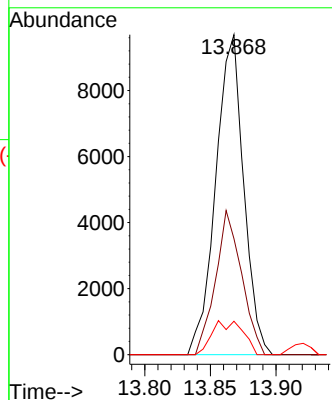
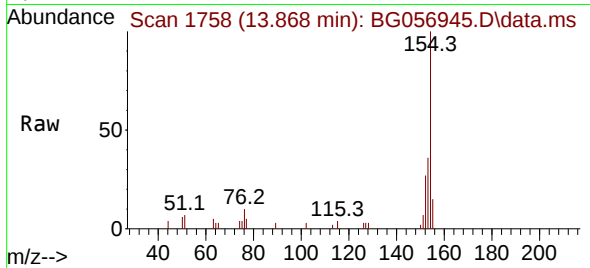
#46
1,1'-Biphenyl
Concen: 4.170 ng
RT: 13.868 min Scan# 1758
Delta R.T. 0.001 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:154 Resp: 1432
Ion Ratio Lower Upper
154 100
153 36.3 23.4 63.4
76 10.4 0.0 31.6

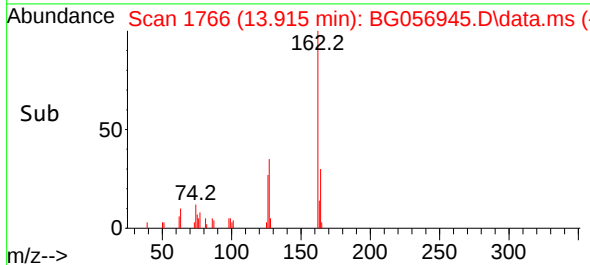
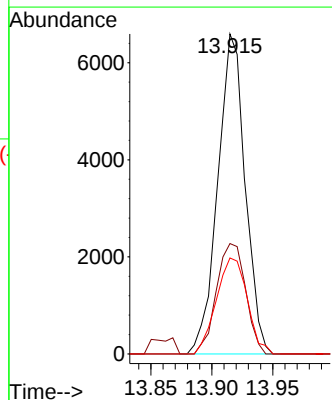
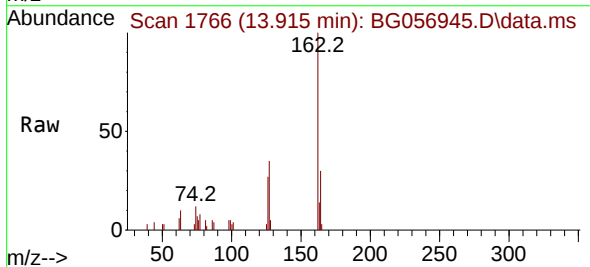
Manual Integrations
APPROVED

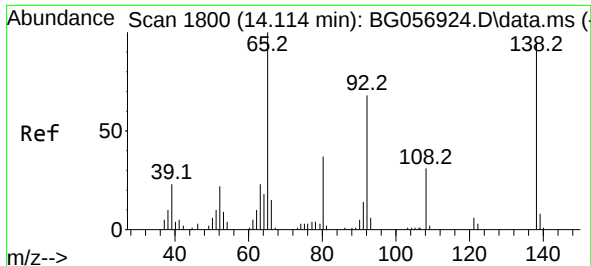
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#47
2-Chloronaphthalene
Concen: 4.055 ng
RT: 13.915 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

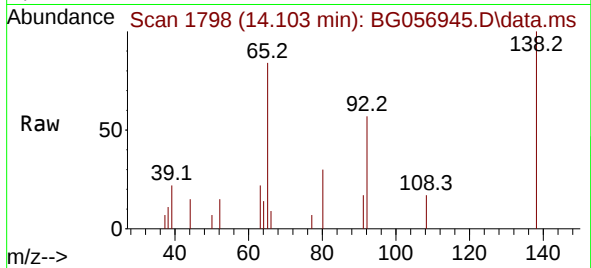
Tgt Ion:162 Resp: 10301
Ion Ratio Lower Upper
162 100
127 34.5 29.5 44.3
164 30.0 25.5 38.3





#48
2-Nitroaniline
Concen: 3.664 ng
RT: 14.103 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

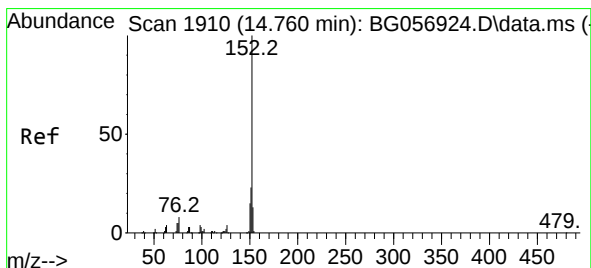
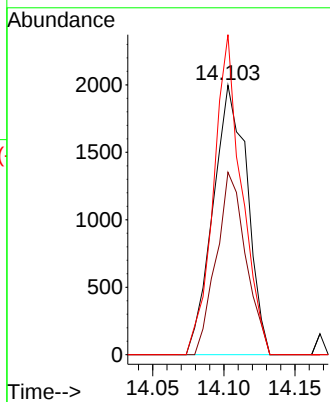
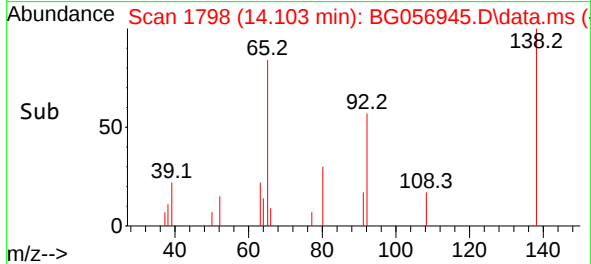
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



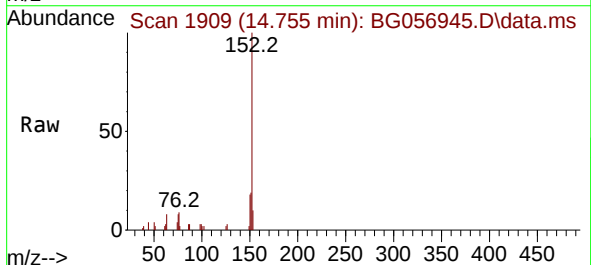
Tgt Ion: 65 Resp: 3328
Ion Ratio Lower Upper
65 100
92 67.7 54.3 81.5
138 118.8 76.0 114.0

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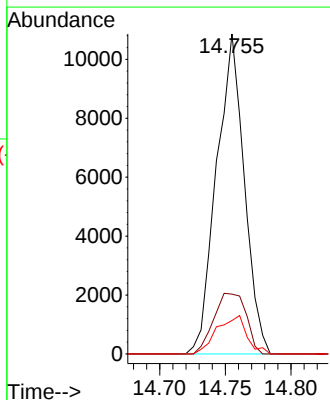
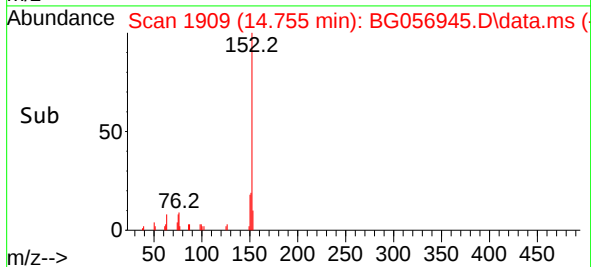
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

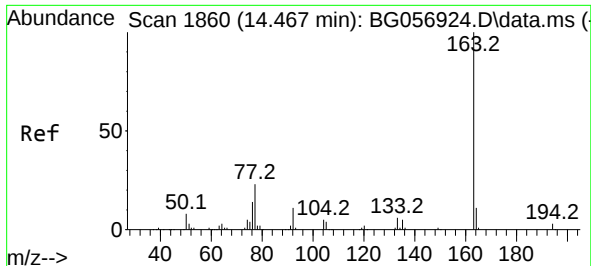


#49
Acenaphthylene
Concen: 3.826 ng
RT: 14.755 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



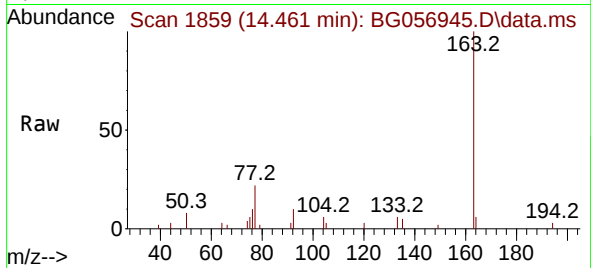
Tgt Ion:152 Resp: 15969
Ion Ratio Lower Upper
152 100
151 18.7 18.2 27.2
153 10.4 10.5 15.7





#50
Dimethylphthalate
Concen: 3.903 ng
RT: 14.461 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

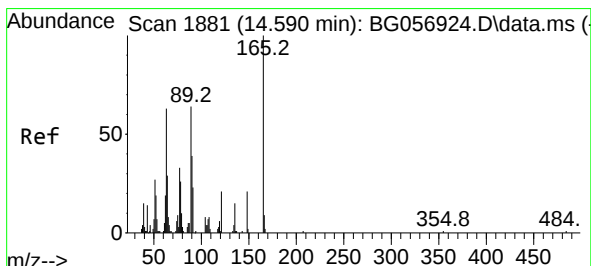
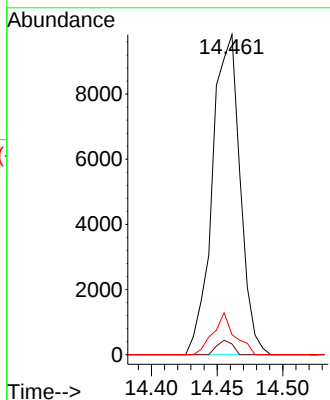
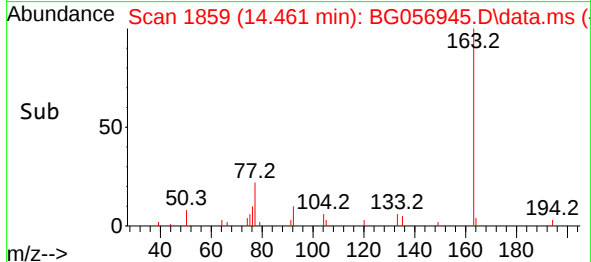
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



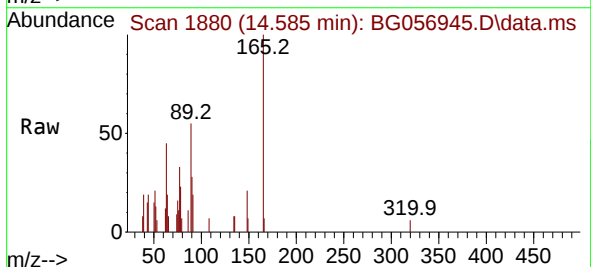
Tgt Ion:163 Resp: 14428
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 6.3 8.8 13.2

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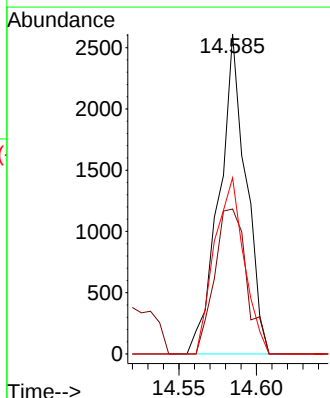
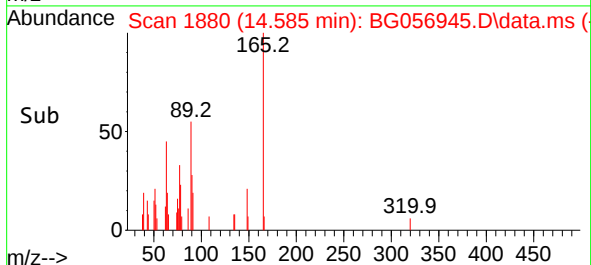
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

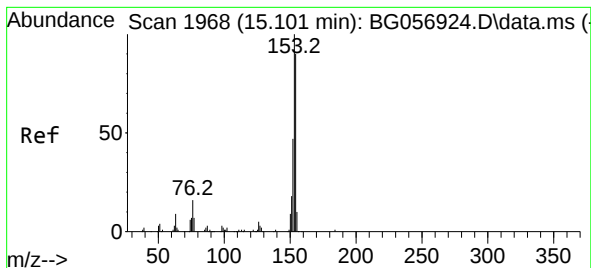


#51
2,6-Dinitrotoluene
Concen: 3.911 ng
RT: 14.585 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



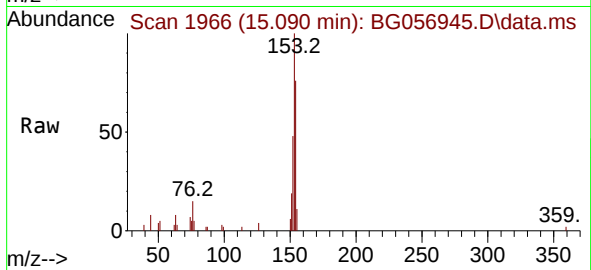
Tgt Ion:165 Resp: 3124
Ion Ratio Lower Upper
165 100
63 45.3 53.0 79.6#
89 55.1 51.0 76.4





#52
Acenaphthene
Concen: 3.752 ng
RT: 15.090 min Scan# 1966
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

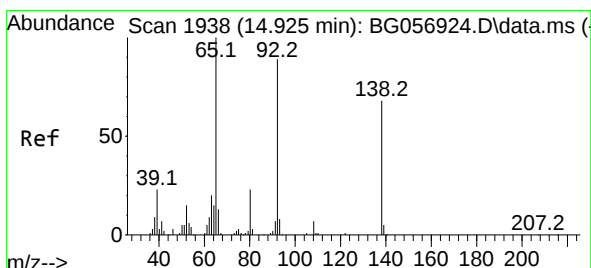
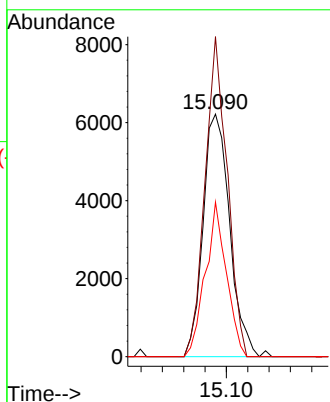
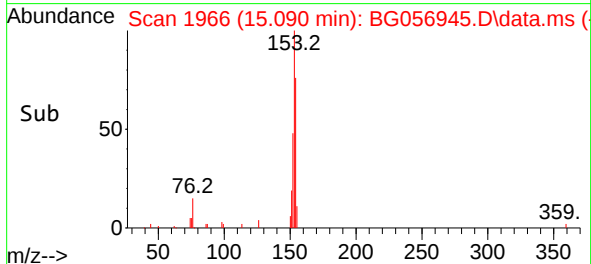
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



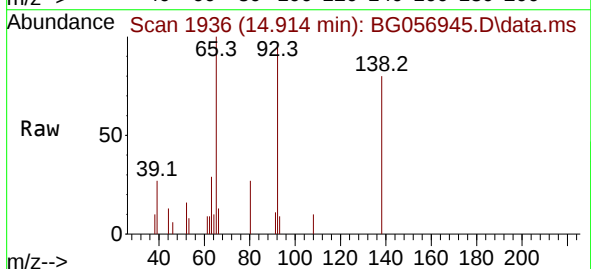
Tgt Ion:154 Resp: 10800
Ion Ratio Lower Upper
154 100
153 131.9 88.9 133.3
152 63.7 41.8 62.8

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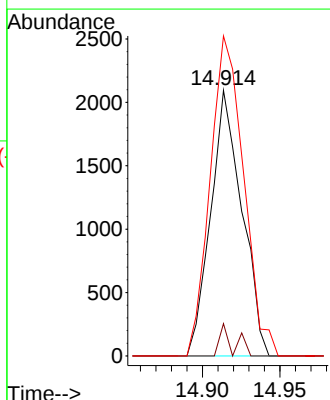
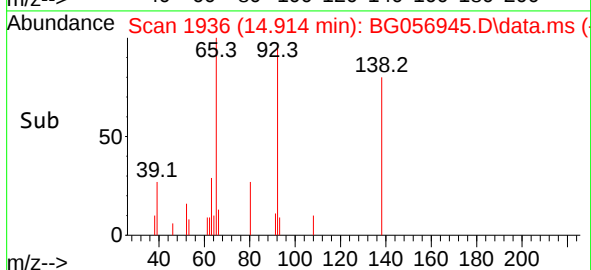
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

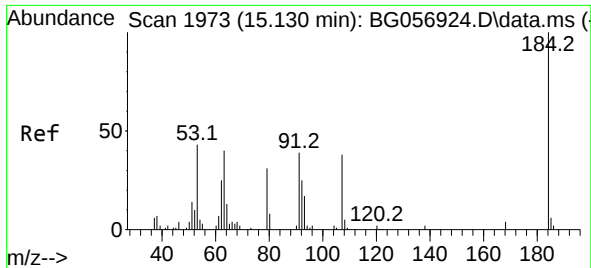


#53
3-Nitroaniline
Concen: 3.707 ng
RT: 14.914 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



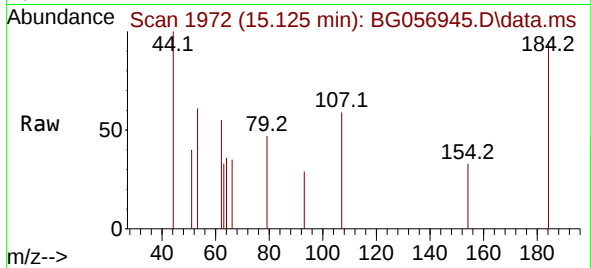
Tgt Ion:138 Resp: 2931
Ion Ratio Lower Upper
138 100
108 12.2 8.2 12.2
92 120.5 105.2 157.8





#54
2,4-Dinitrophenol
Concen: 2.242 ng
RT: 15.125 min Scan# 1973
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

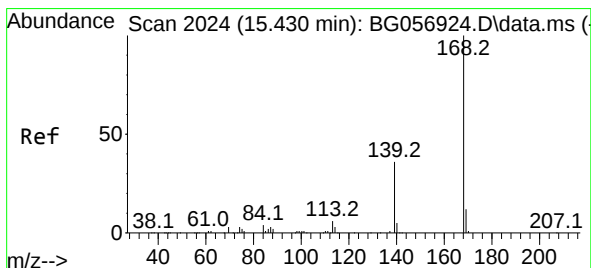
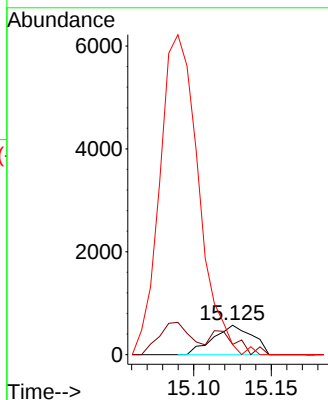
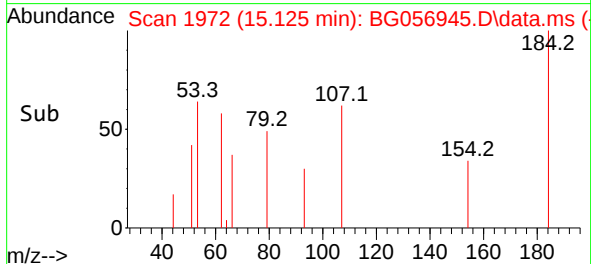
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



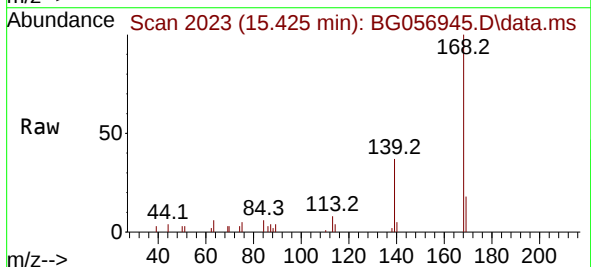
Tgt Ion:184 Resp: 1000
Ion Ratio Lower Upper
184 100
63 34.6 46.5 69.7
154 34.4 53.5 80.3

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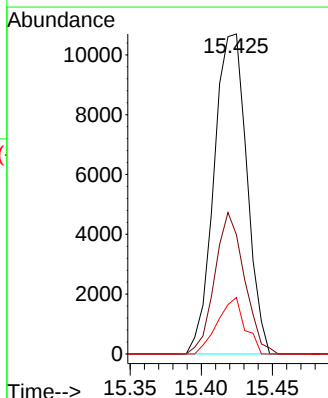
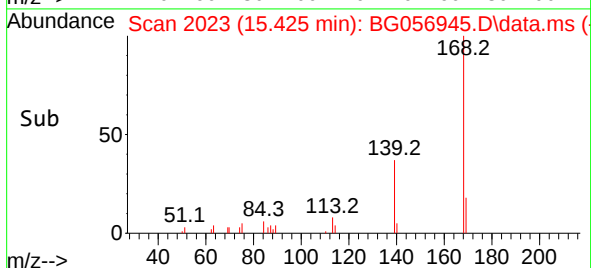
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

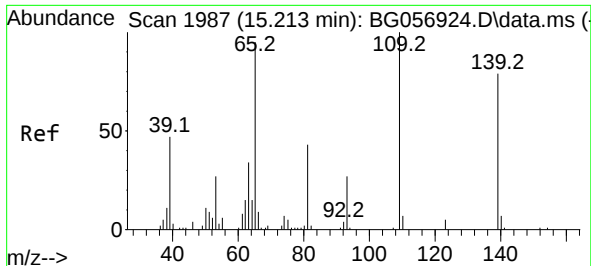


#55
Dibenzofuran
Concen: 3.967 ng
RT: 15.425 min Scan# 2023
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



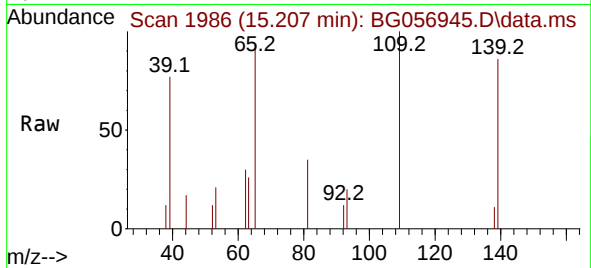
Tgt Ion:168 Resp: 17138
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 17.6 9.8 14.6





#56
4-Nitrophenol
Concen: 3.474 ng
RT: 15.207 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

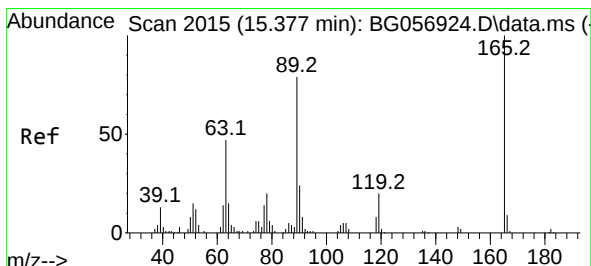
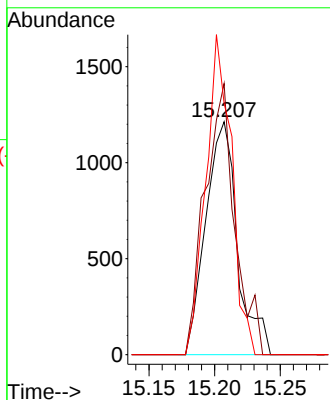
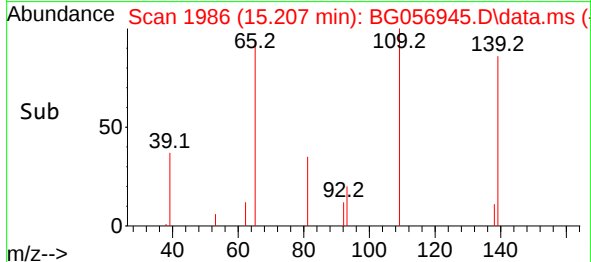
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:139 Resp: 203
Ion Ratio Lower Upper
139 100
109 116.4 106.7 146.7
65 107.8 100.5 140.5

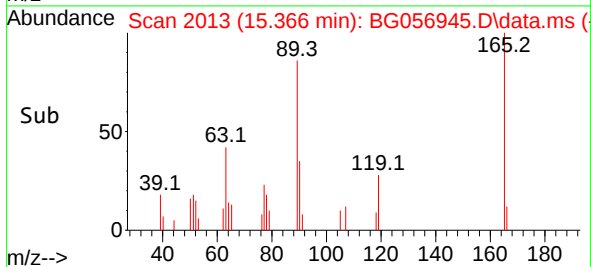
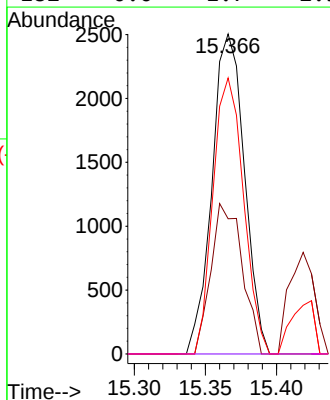
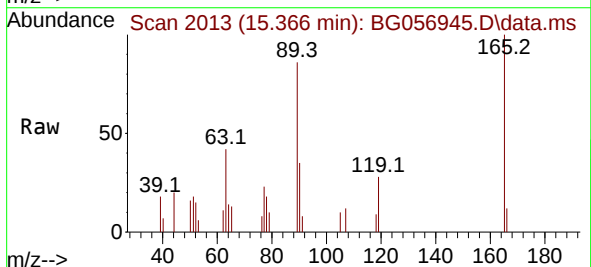
Manual Integrations
APPROVED

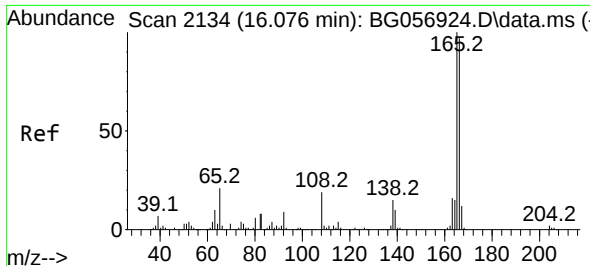
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#57
2,4-Dinitrotoluene
Concen: 3.533 ng
RT: 15.366 min Scan# 2013
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

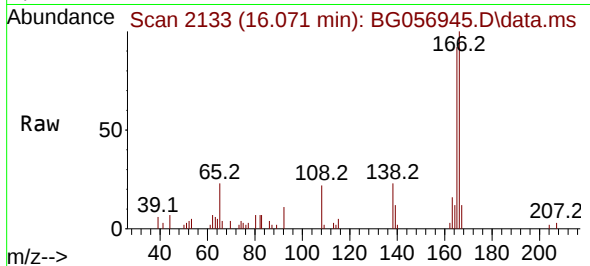
Tgt Ion:165 Resp: 3980
Ion Ratio Lower Upper
165 100
63 42.2 37.7 56.5
89 86.3 63.2 94.8
182 0.0 1.7 2.5#





#58
Fluorene
Concen: 3.934 ng
RT: 16.071 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

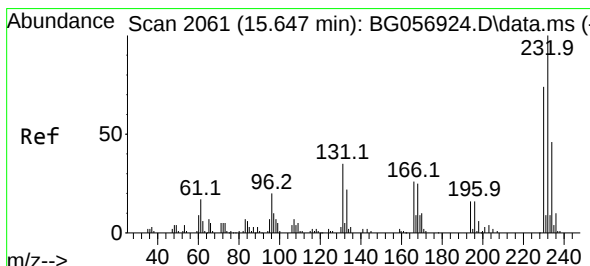
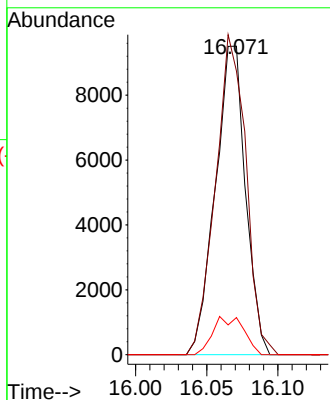
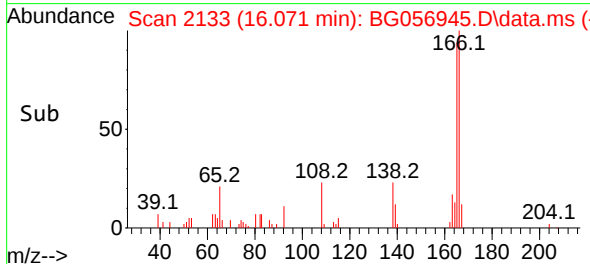
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



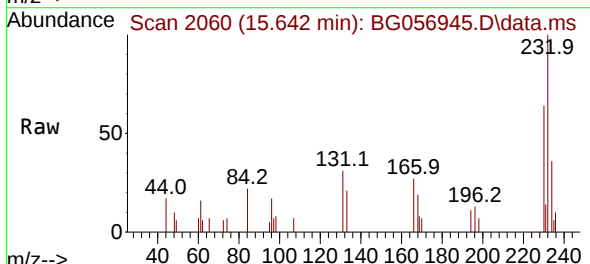
Tgt Ion:166 Resp: 1406
Ion Ratio Lower Upper
166 100
165 91.9 82.6 123.8
167 12.1 10.2 15.2

Manual Integrations
APPROVED

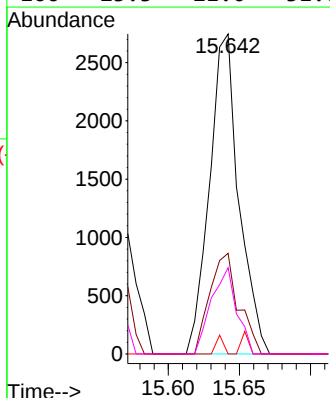
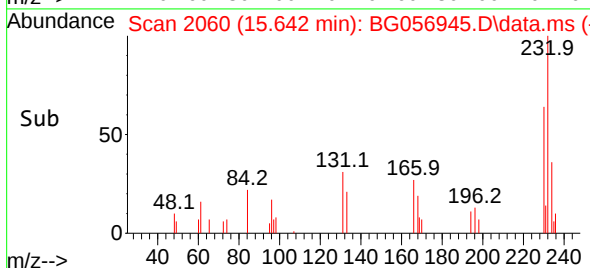
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

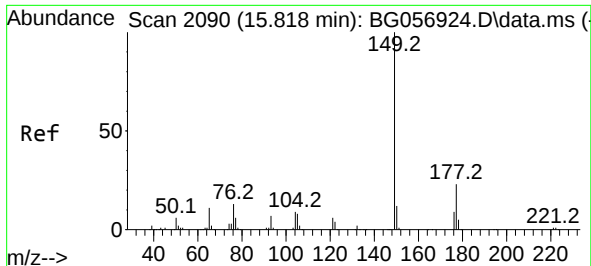


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.520 ng
RT: 15.642 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



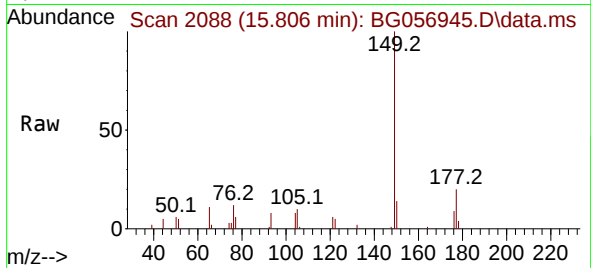
Tgt Ion:232 Resp: 3942
Ion Ratio Lower Upper
232 100
131 31.0 29.3 43.9
130 1.4 1.7 2.5#
166 23.3 21.0 31.6





#60
Diethylphthalate
Concen: 3.833 ng
RT: 15.806 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

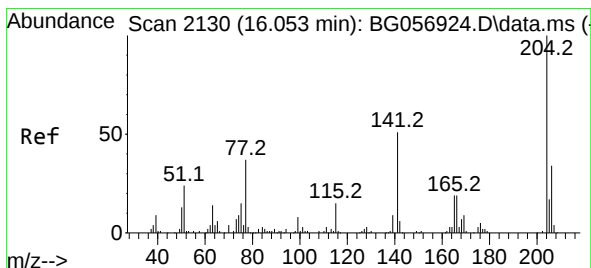
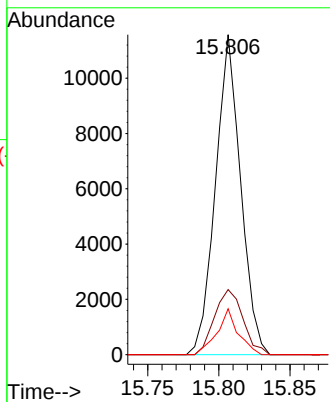
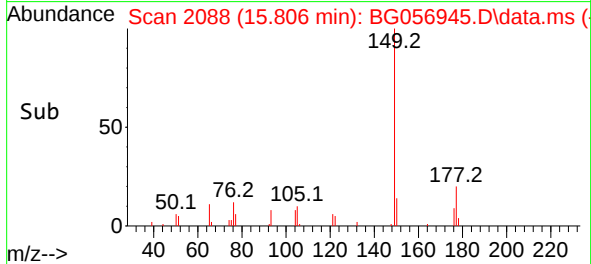
Instrument : BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



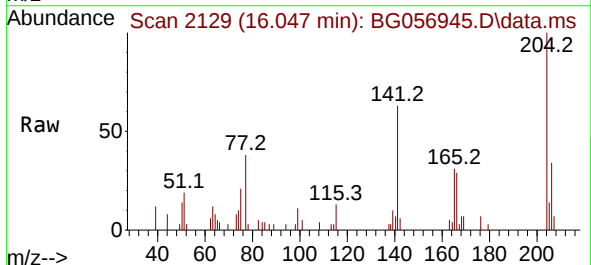
Tgt Ion:149 Resp: 14200
Ion Ratio Lower Upper
149 100
177 20.4 18.8 28.2
150 14.3 9.4 14.2

Manual Integrations
APPROVED

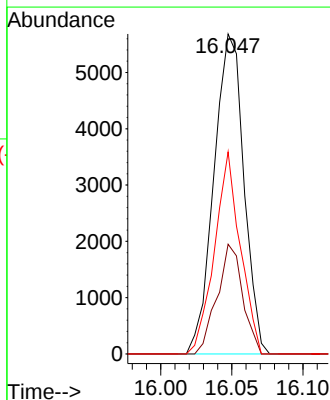
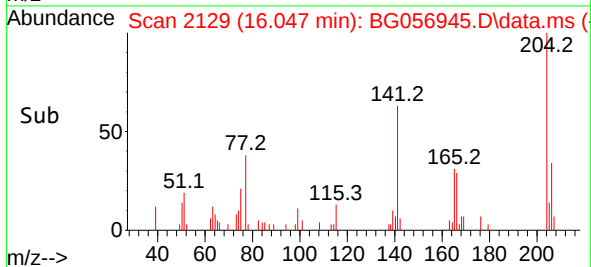
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

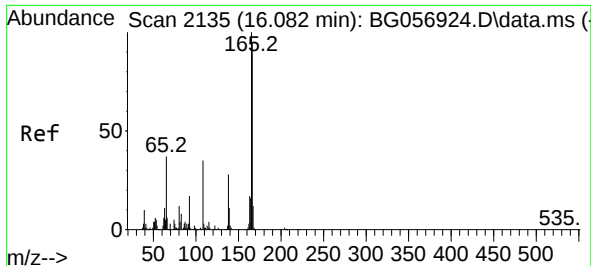


#61
4-Chlorophenyl-phenylether
Concen: 3.960 ng
RT: 16.047 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



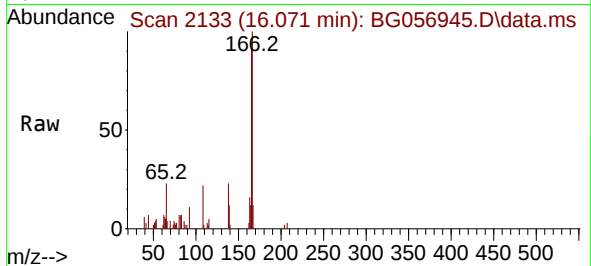
Tgt Ion:204 Resp: 8312
Ion Ratio Lower Upper
204 100
206 34.3 27.2 40.8
141 63.1 40.7 61.1





#62
4-Nitroaniline
Concen: 3.684 ng
RT: 16.071 min Scan# 2133
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

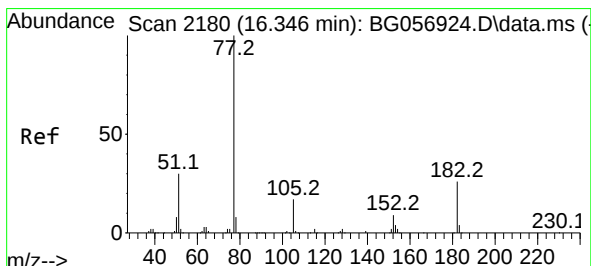
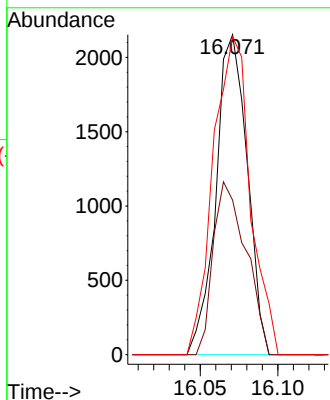
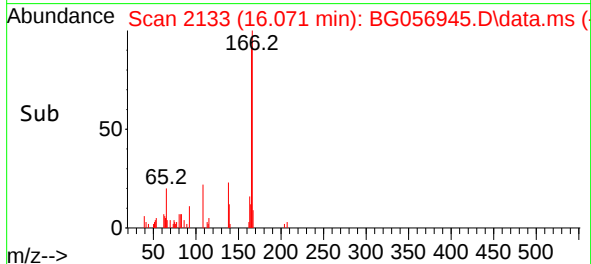
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



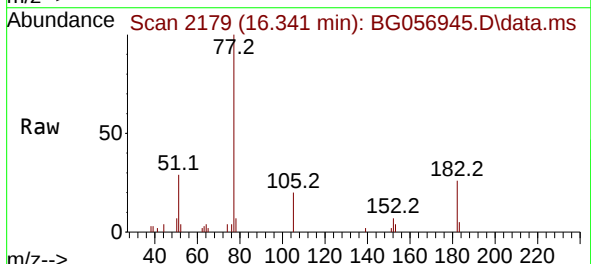
Tgt Ion:138 Resp: 3018
Ion Ratio Lower Upper
138 100
92 48.3 40.9 80.9
108 99.4 104.3 144.3

Manual Integrations
APPROVED

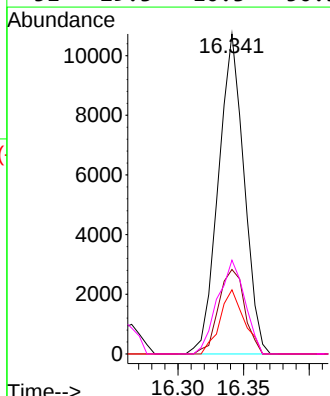
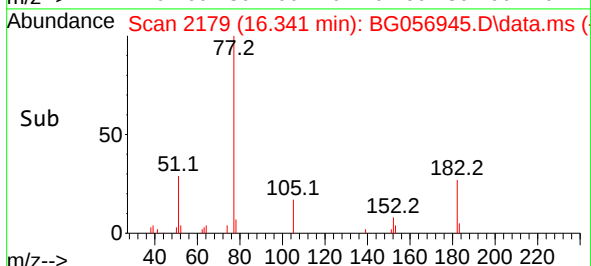
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

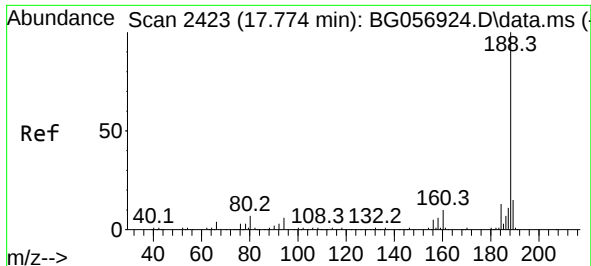


#63
Azobenzene
Concen: 3.941 ng
RT: 16.341 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



Tgt Ion: 77 Resp: 14556
Ion Ratio Lower Upper
77 100
182 26.4 5.9 45.9
105 20.0 0.0 36.8
51 29.3 10.3 50.3





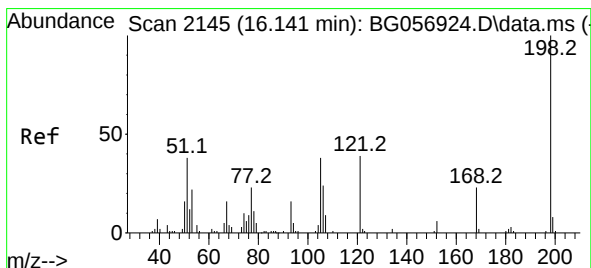
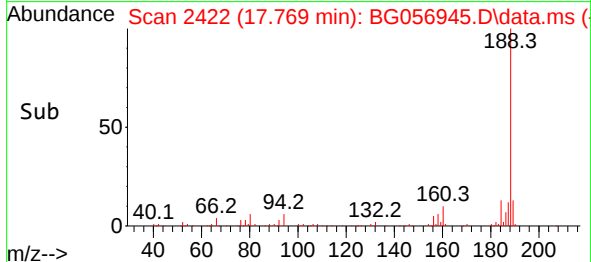
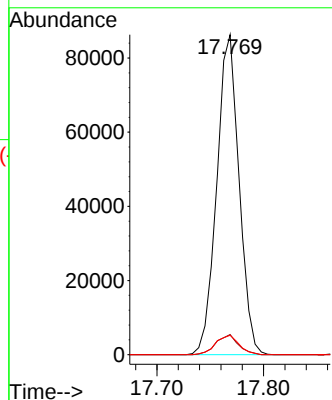
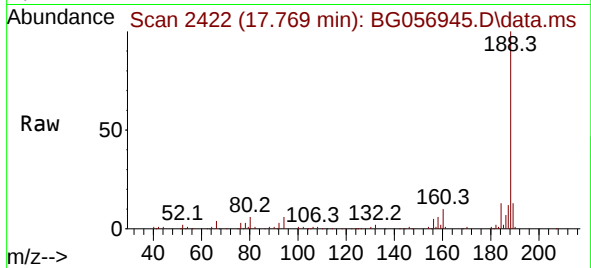
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.769 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:188 Resp: 12519
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 6.1 5.5 8.3

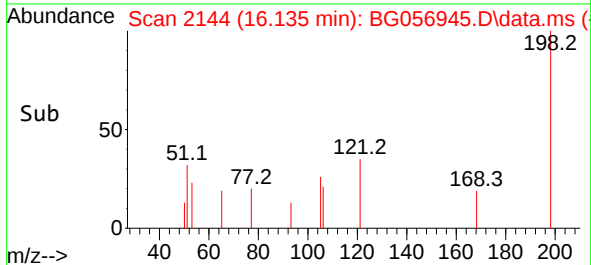
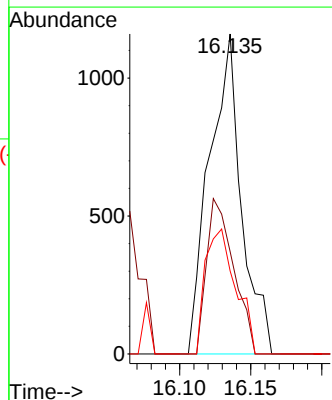
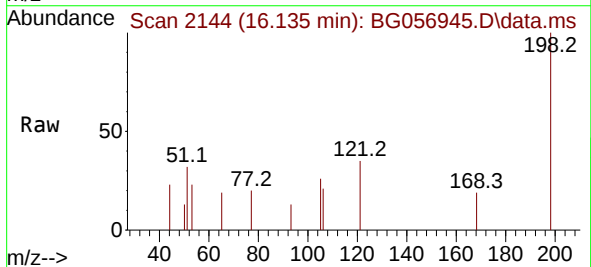
Manual Integrations
APPROVED

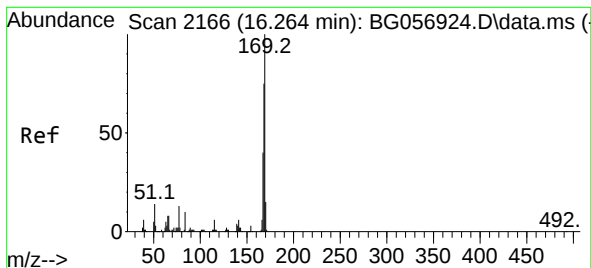
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 2.390 ng
RT: 16.135 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:198 Resp: 1812
Ion Ratio Lower Upper
198 100
51 32.0 20.5 60.5
105 25.9 18.1 58.1





#66

n-Nitrosodiphenylamine

Concen: 3.661 ng

RT: 16.259 min Scan# 2165

Delta R.T. -0.005 min

Lab File: BG056945.D

Acq: 31 Mar 2023 15:32

Instrument :

BNA_G

ClientSampleId :

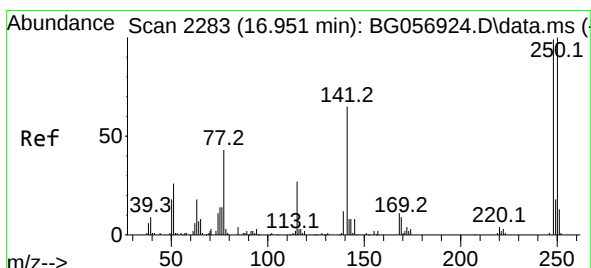
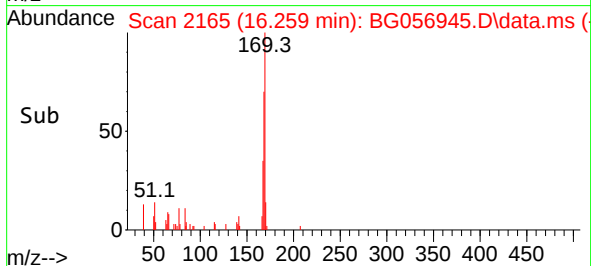
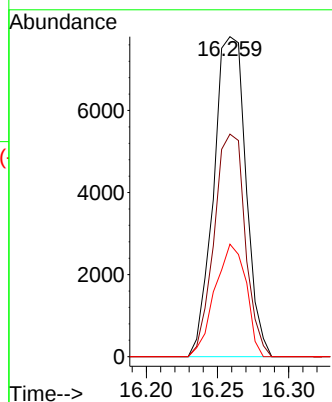
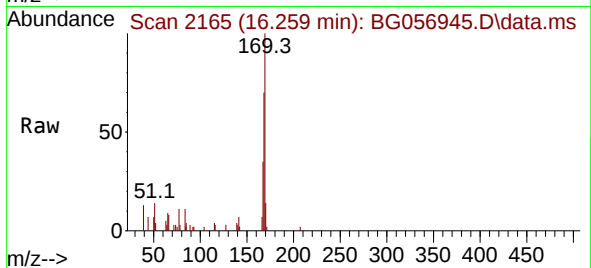
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:	169	Resp:	1230
Ion Ratio	Lower	Upper	
169	100		
168	69.6	59.6	89.4
167	35.1	31.8	47.8

Manual Integrations

APPROVED

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



#67

4-Bromophenyl-phenylether

Concen: 3.479 ng

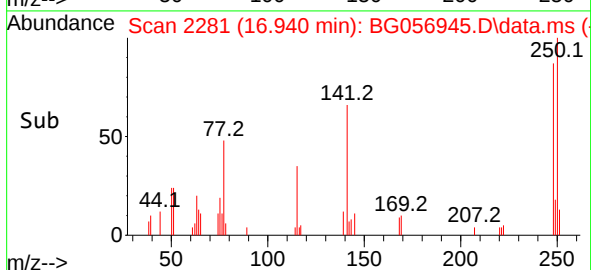
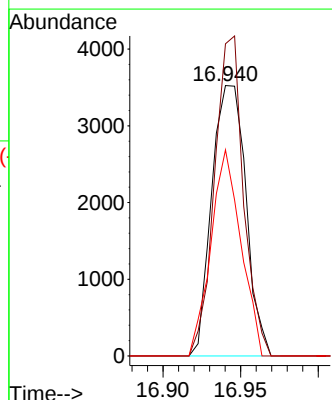
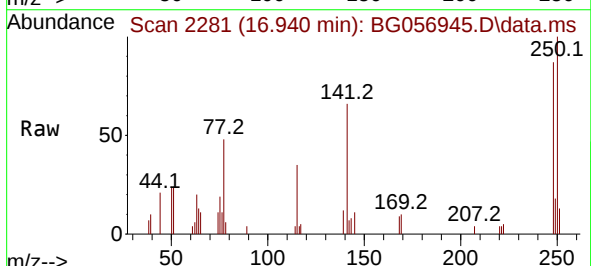
RT: 16.940 min Scan# 2281

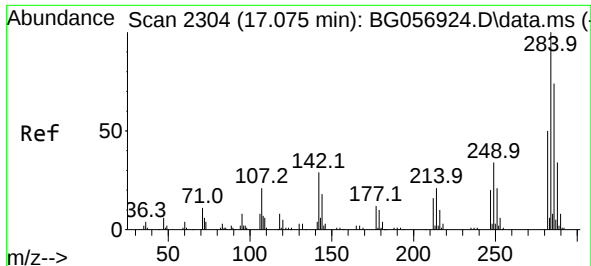
Delta R.T. -0.011 min

Lab File: BG056945.D

Acq: 31 Mar 2023 15:32

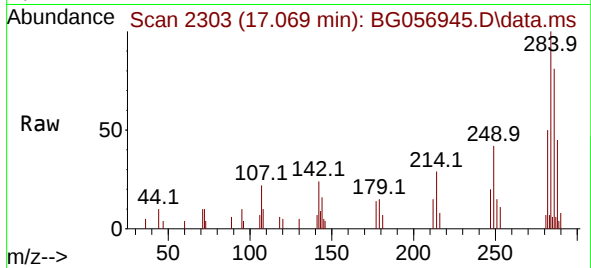
Tgt Ion:	248	Resp:	5389
Ion Ratio	Lower	Upper	
248	100		
250	115.4	80.5	120.7
141	76.2	52.0	78.0





#68
Hexachlorobenzene
Concen: 3.848 ng
RT: 17.069 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

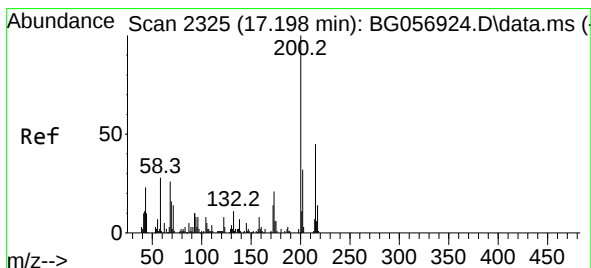
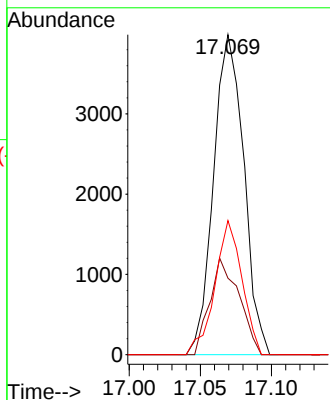
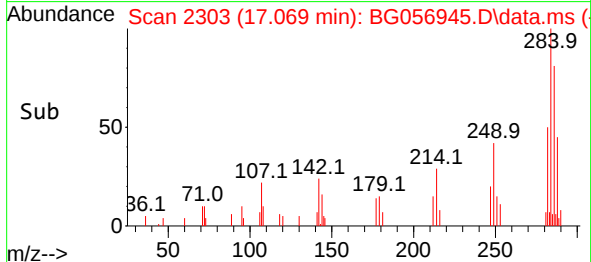
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:284 Resp: 589
Ion Ratio Lower Upper
284 100
142 23.9 23.0 34.4
249 41.9 27.1 40.7

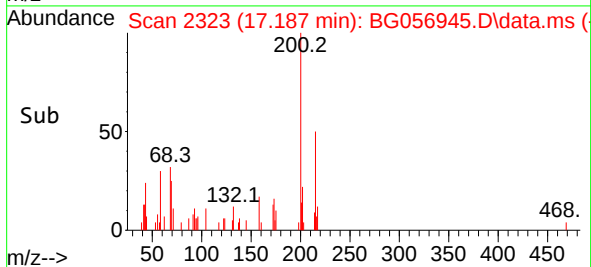
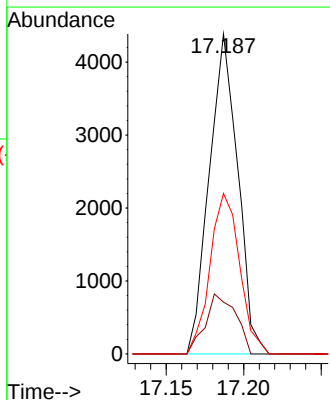
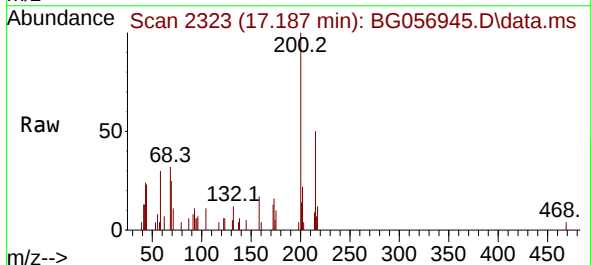
Manual Integrations
APPROVED

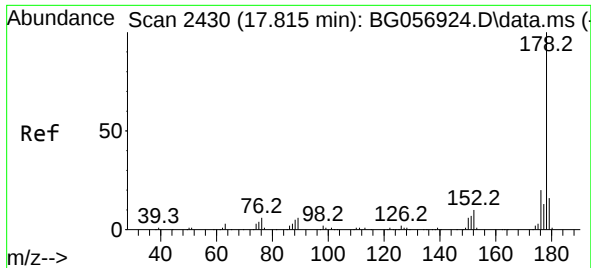
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#69
Atrazine
Concen: 4.015 ng
RT: 17.187 min Scan# 2323
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:200 Resp: 5601
Ion Ratio Lower Upper
200 100
173 16.2 1.0 41.0
215 50.1 25.0 65.0





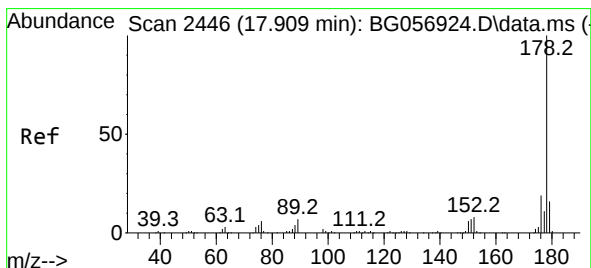
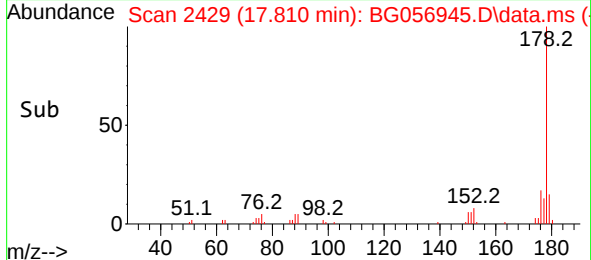
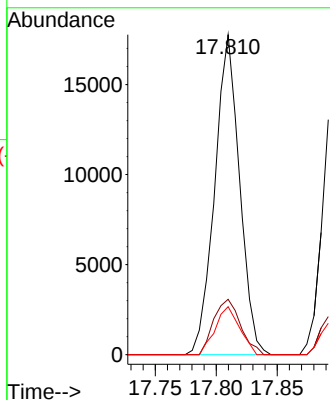
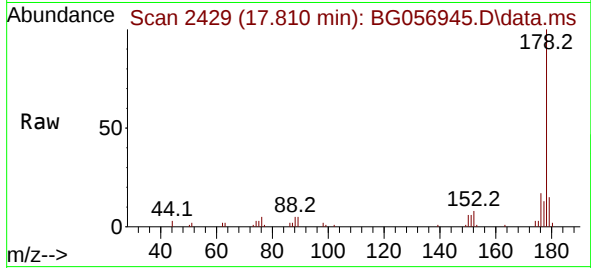
#71
Phenanthrene
Concen: 3.943 ng
RT: 17.810 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:178 Resp: 25170
Ion Ratio Lower Upper
178 100
176 17.3 16.2 24.2
179 15.0 12.5 18.7

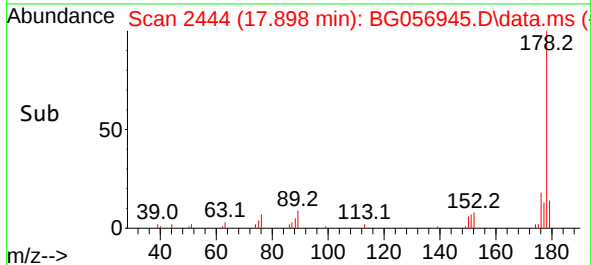
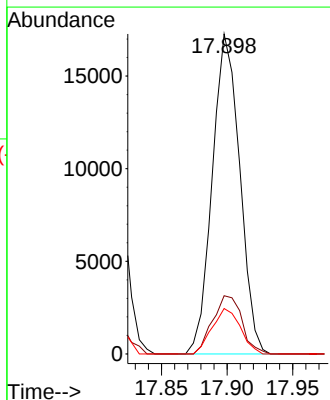
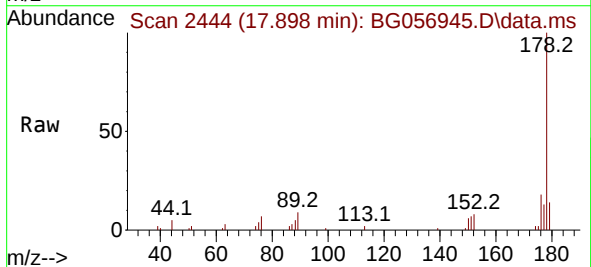
Manual Integrations
APPROVED

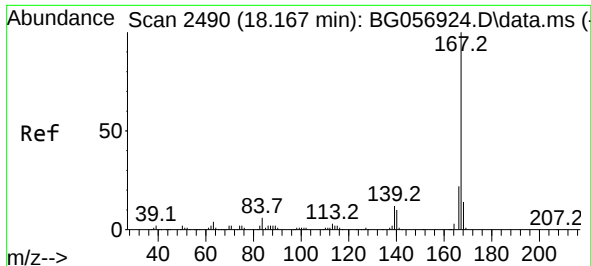
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#72
Anthracene
Concen: 3.842 ng
RT: 17.898 min Scan# 2444
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:178 Resp: 25136
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.2 12.4 18.6





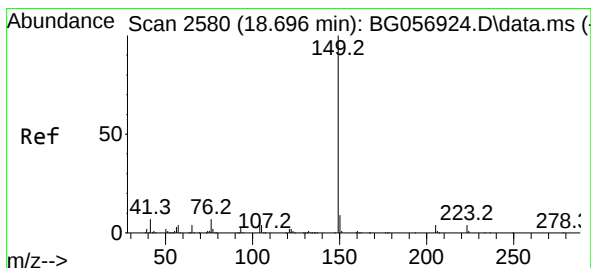
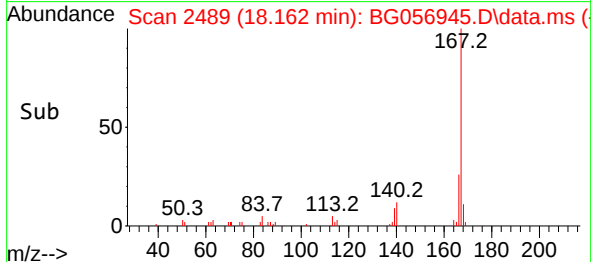
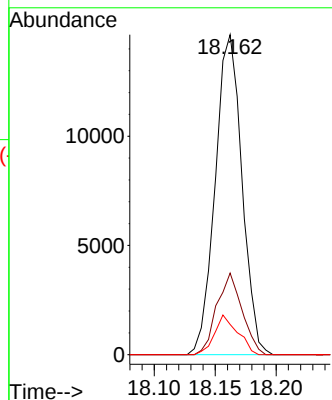
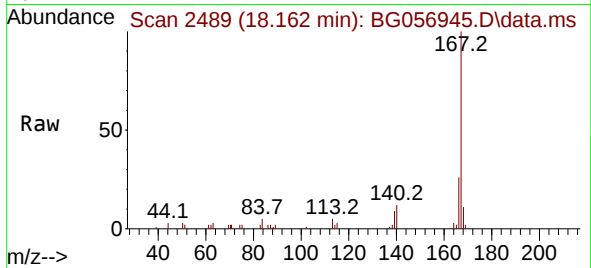
#73
Carbazole
Concen: 3.911 ng
RT: 18.162 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:167 Resp: 2231
Ion Ratio Lower Upper
167 100
166 25.5 17.9 26.9
139 9.5 9.5 14.3

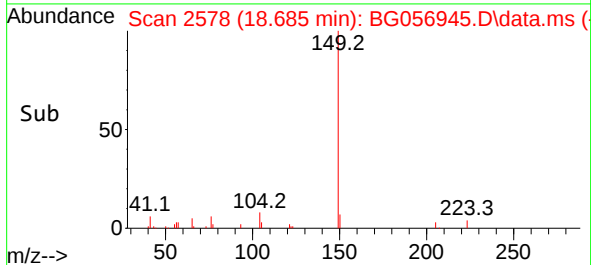
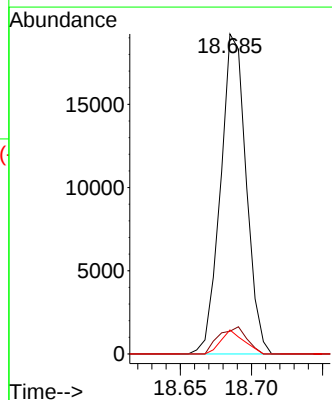
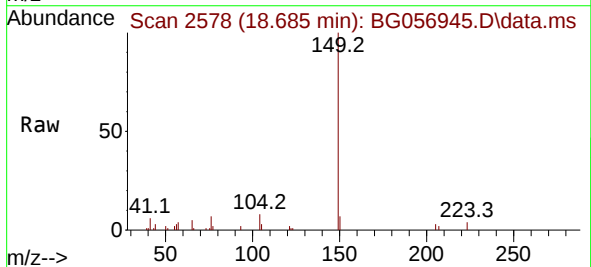
Manual Integrations
APPROVED

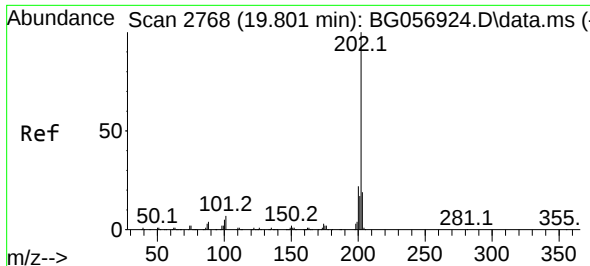
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#74
Di-n-butylphthalate
Concen: 3.640 ng
RT: 18.685 min Scan# 2578
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

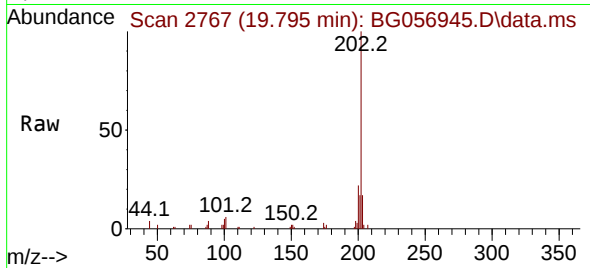
Tgt Ion:149 Resp: 24046
Ion Ratio Lower Upper
149 100
150 7.1 7.4 11.0#
104 7.5 4.9 7.3#





#75
Fluoranthene
Concen: 3.574 ng
RT: 19.795 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

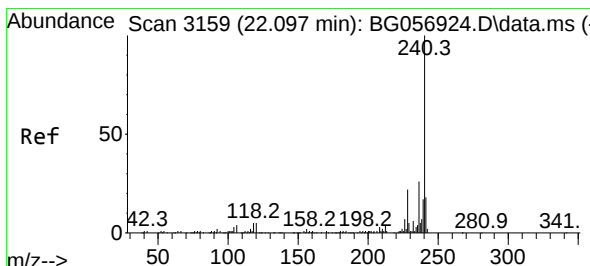
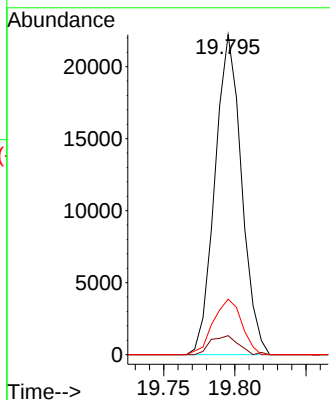
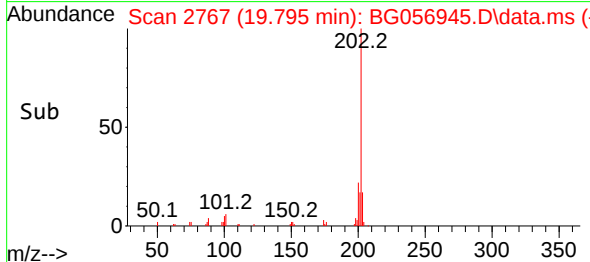
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:202 Resp: 2891
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.7
203 17.4 0.0 39.0

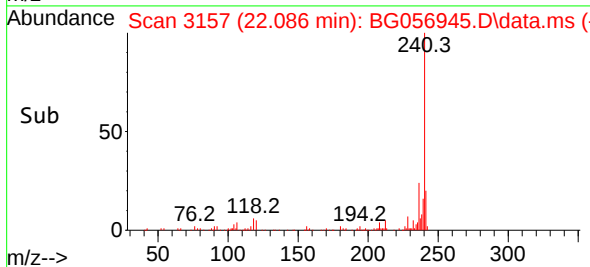
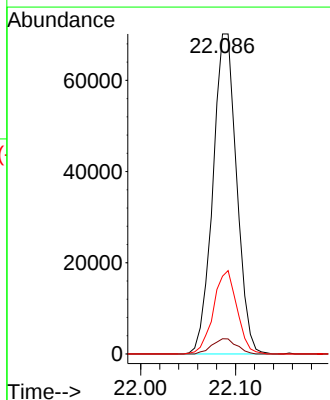
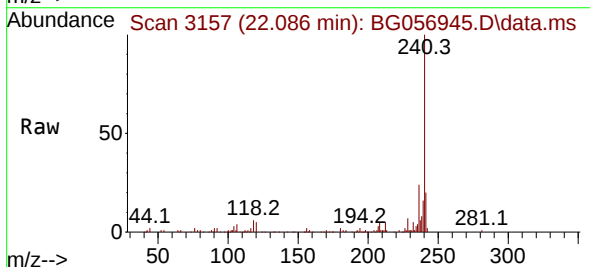
Manual Integrations
APPROVED

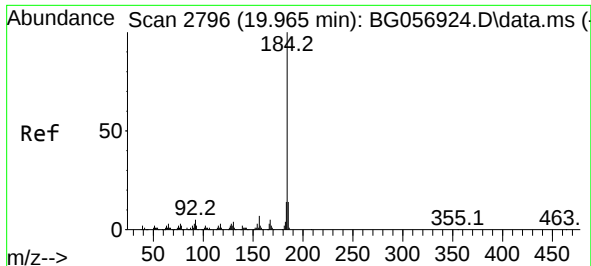
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.086 min Scan# 3157
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

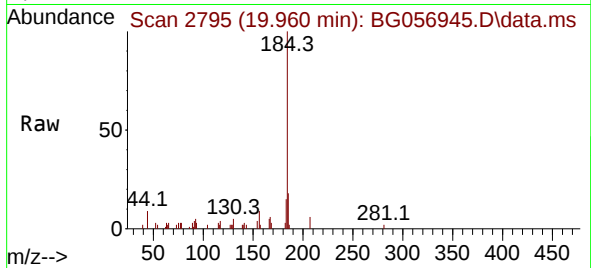
Tgt Ion:240 Resp: 122221
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 24.3 21.0 31.6





#77
Benzidine
Concen: 5.186 ng
RT: 19.960 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

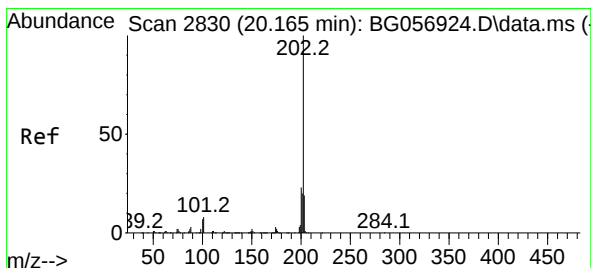
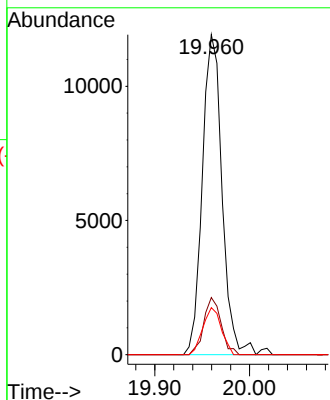
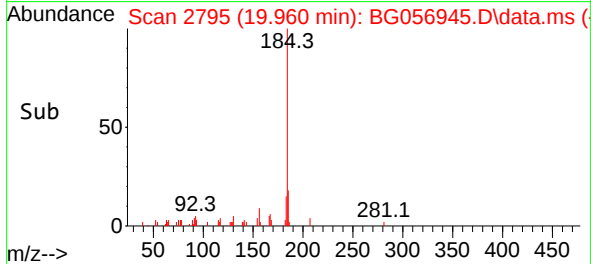
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:184 Resp: 17324
Ion Ratio Lower Upper
184 100
185 17.8 11.0 16.4
183 14.7 11.4 17.0

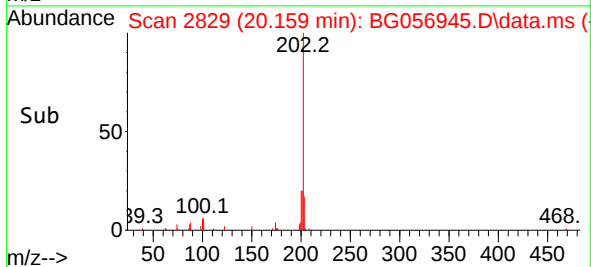
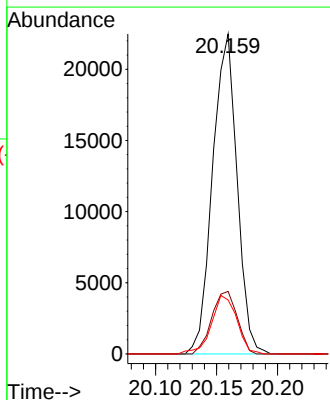
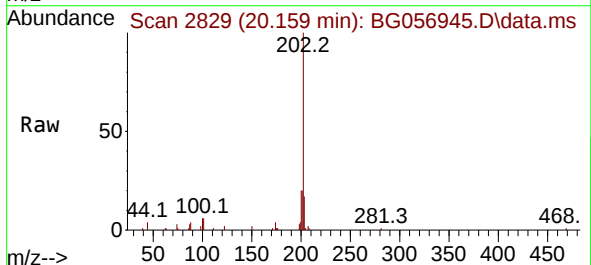
Manual Integrations
APPROVED

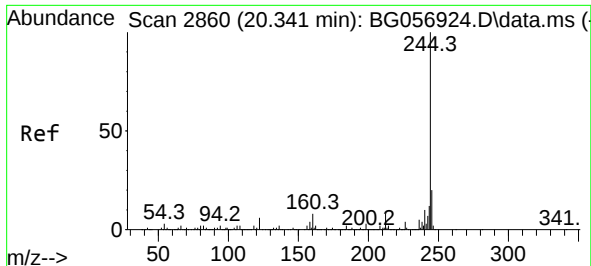
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#78
Pyrene
Concen: 3.708 ng
RT: 20.159 min Scan# 2829
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

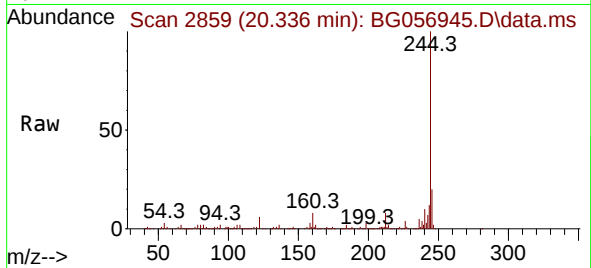
Tgt Ion:202 Resp: 31344
Ion Ratio Lower Upper
202 100
200 19.5 18.7 28.1
203 16.9 15.4 23.2





#79
 Terphenyl-d14
 Concen: 77.218 ng
 RT: 20.336 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056945.D
 Acq: 31 Mar 2023 15:32

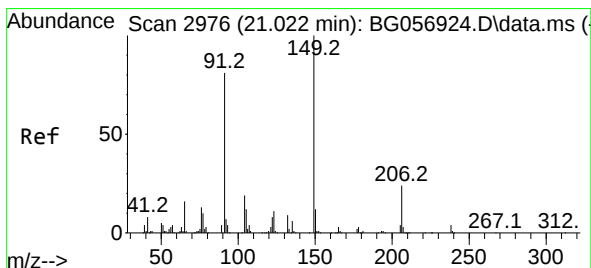
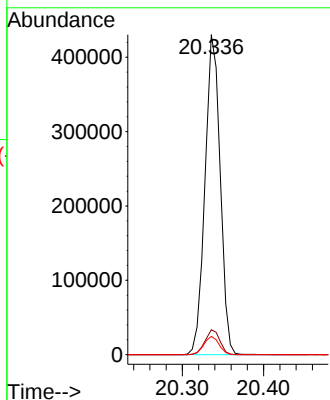
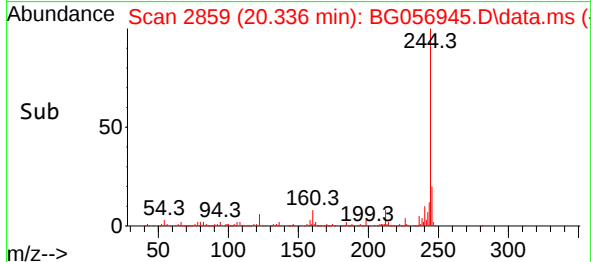
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



Tgt Ion:244 Resp: 55772
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 5.7 5.0 7.4

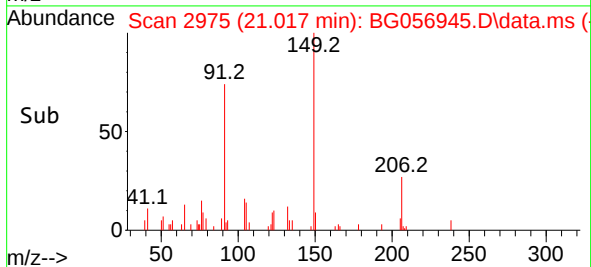
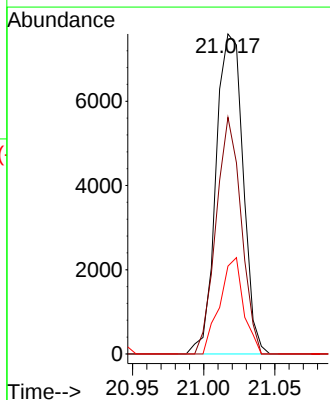
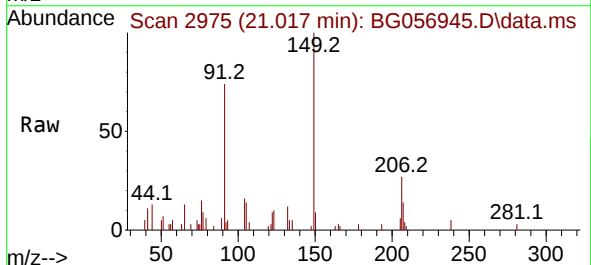
Manual Integrations
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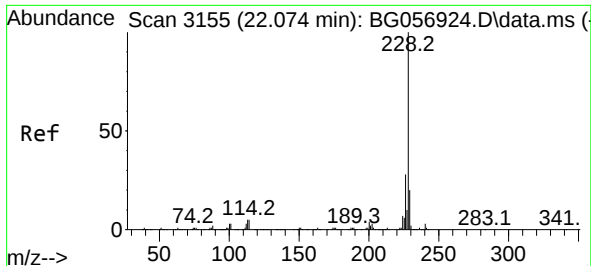
Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023



#80
 Butylbenzylphthalate
 Concen: 3.456 ng
 RT: 21.017 min Scan# 2975
 Delta R.T. -0.005 min
 Lab File: BG056945.D
 Acq: 31 Mar 2023 15:32

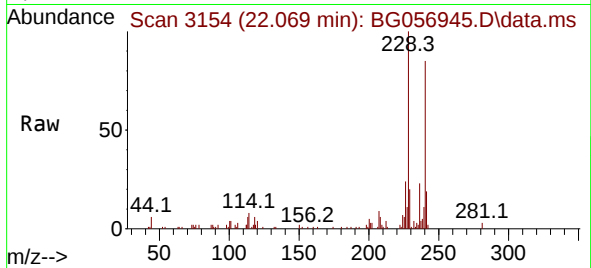
Tgt Ion:149 Resp: 10052
 Ion Ratio Lower Upper
 149 100
 91 74.0 64.4 96.6
 206 27.4 18.9 28.3





#81
Benzo(a)anthracene
Concen: 3.734 ng
RT: 22.069 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

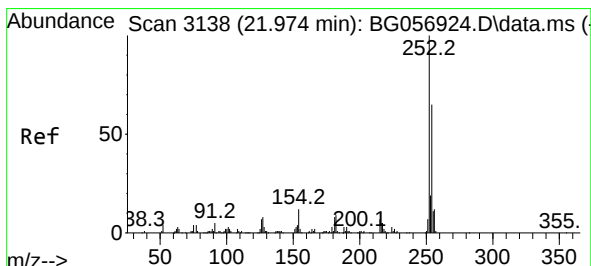
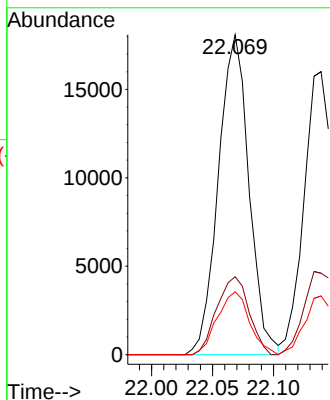
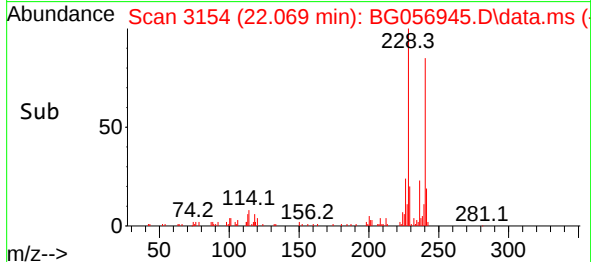
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:228 Resp: 31580
Ion Ratio Lower Upper
228 100
226 24.4 22.1 33.1
229 19.7 16.1 24.1

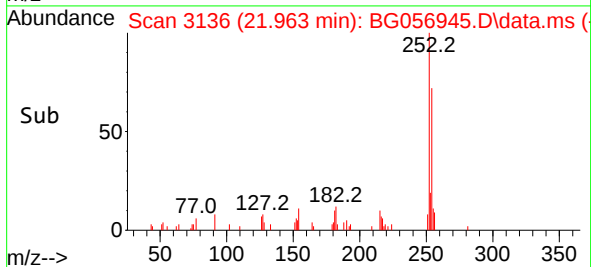
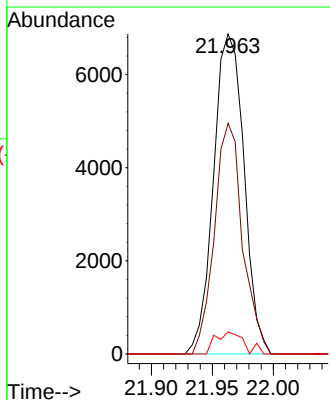
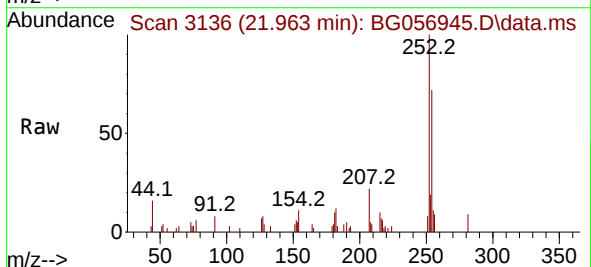
Manual Integrations
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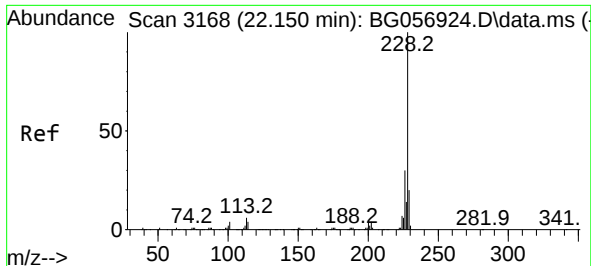
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 4.176 ng
RT: 21.963 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

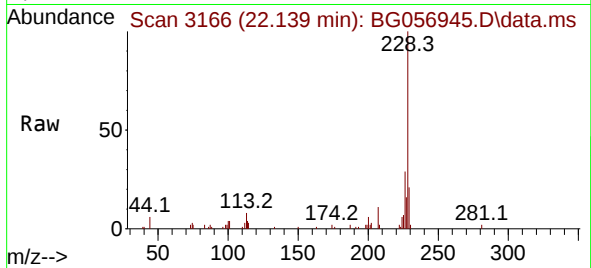
Tgt Ion:252 Resp: 11926
Ion Ratio Lower Upper
252 100
254 72.1 51.7 77.5
126 6.9 5.6 8.4





#83
Chrysene
Concen: 3.627 ng
RT: 22.139 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

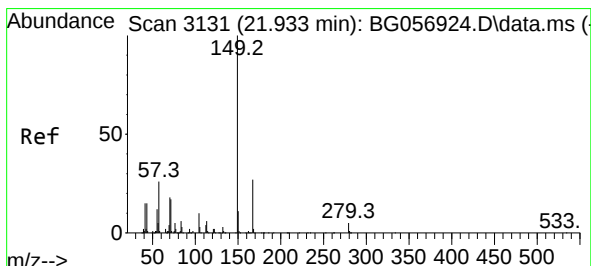
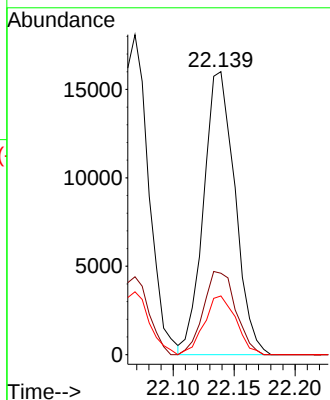
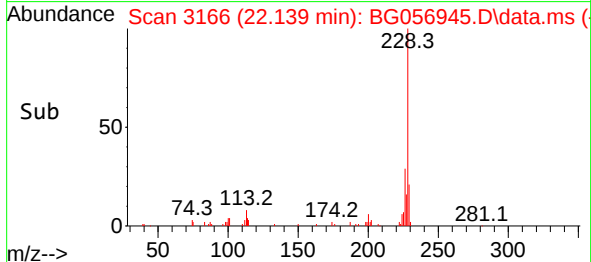
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:228 Resp: 28720
Ion Ratio Lower Upper
228 100
226 28.8 24.1 36.1
229 20.7 15.6 23.4

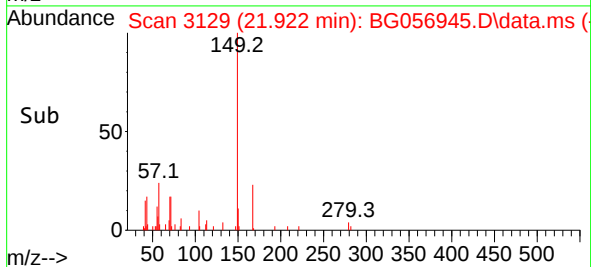
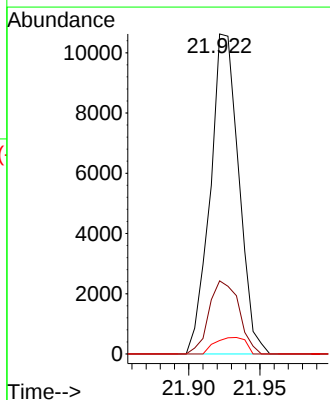
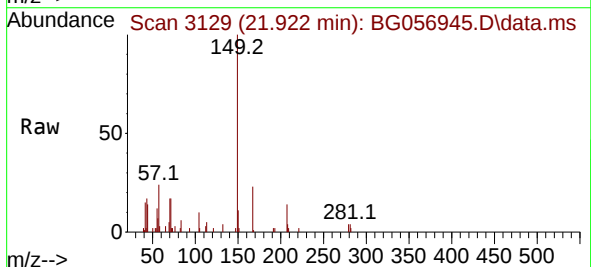
Manual Integrations
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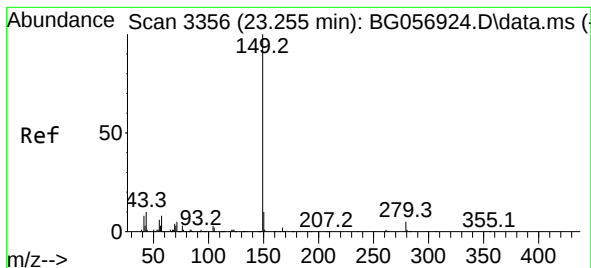
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.525 ng
RT: 21.922 min Scan# 3129
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Tgt Ion:149 Resp: 14849
Ion Ratio Lower Upper
149 100
167 22.9 21.4 32.2
279 4.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 3.448 ng

RT: 23.243 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG056945.D

Acq: 31 Mar 2023 15:32

Instrument :

BNA_G

ClientSampleId :

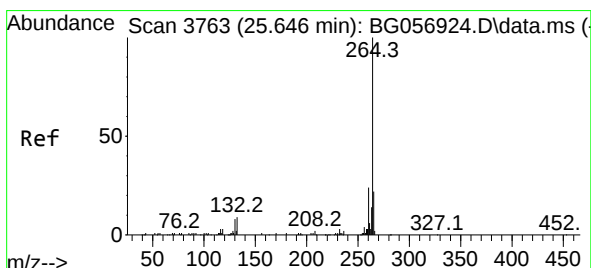
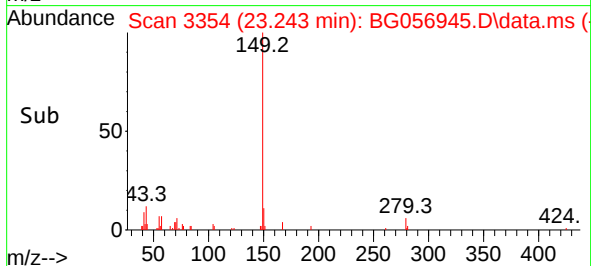
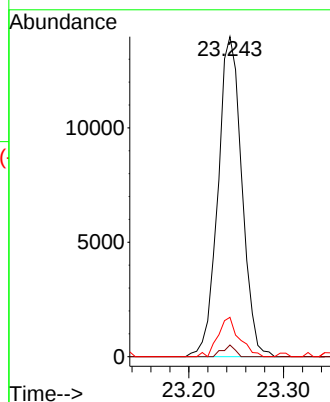
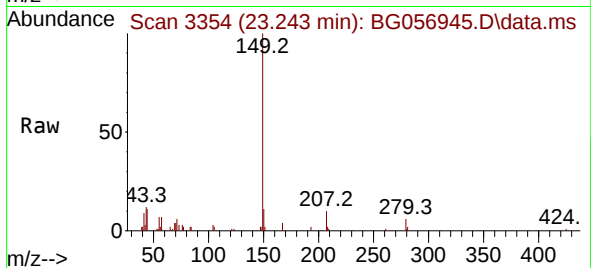
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:149	Resp:	2447
Ion Ratio	Lower	Upper
149	100	
167	1.9	1.3 1.9
43	10.9	7.9 11.9

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

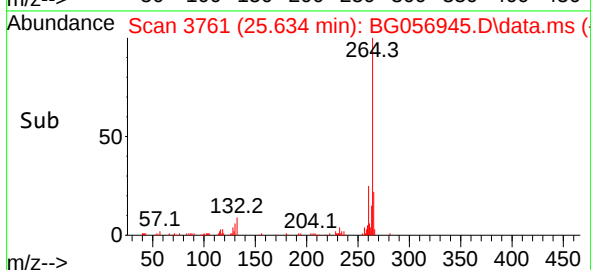
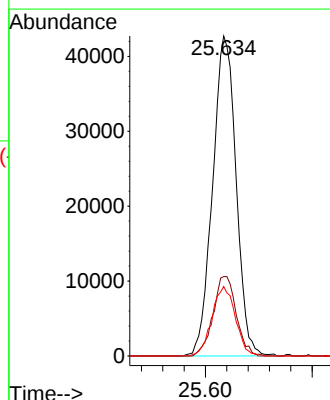
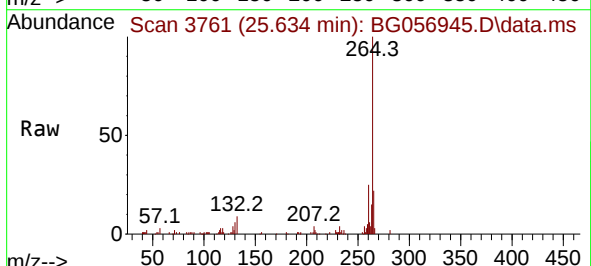
RT: 25.634 min Scan# 3761

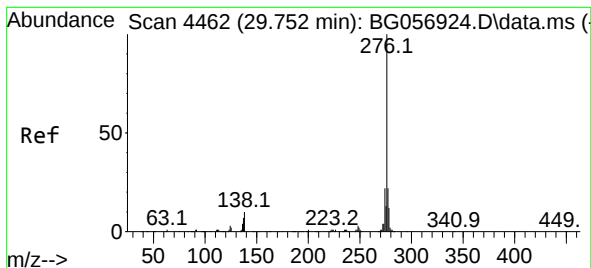
Delta R.T. -0.011 min

Lab File: BG056945.D

Acq: 31 Mar 2023 15:32

Tgt Ion:264	Resp:	130326
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.0 28.4
265	21.7	17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.701 ng m

RT: 29.705 min Scan# 4462

Delta R.T. -0.046 min

Lab File: BG056945.D

Acq: 31 Mar 2023 15:32

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

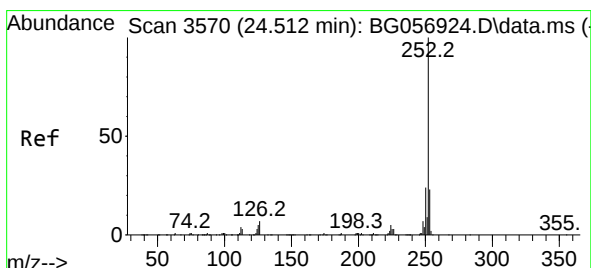
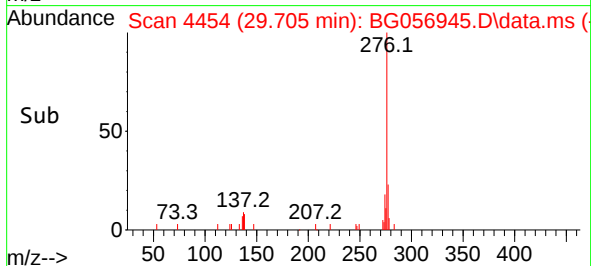
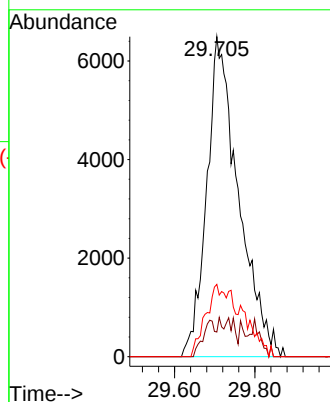
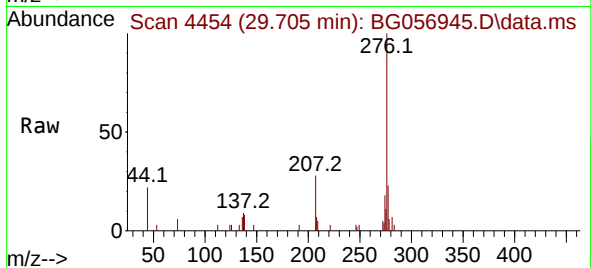
Tgt Ion:	276	Resp:	35649
Ion Ratio	Lower	Upper	
276	100		
138	0.5	7.7	11.5
277	13.7	21.0	31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#88

Benzo(b)fluoranthene

Concen: 4.054 ng

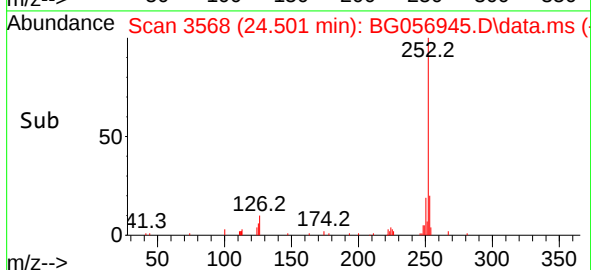
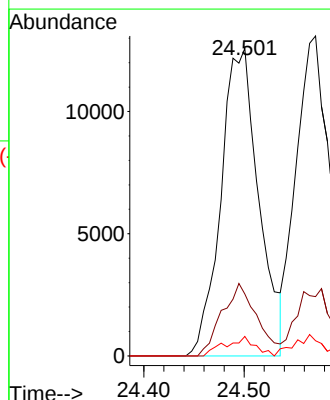
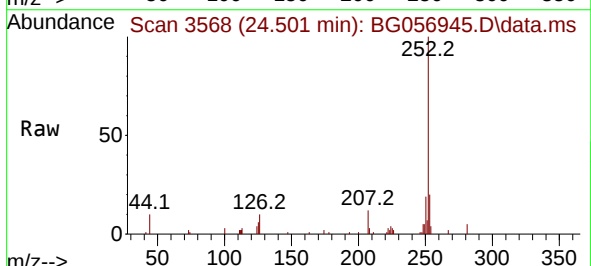
RT: 24.501 min Scan# 3568

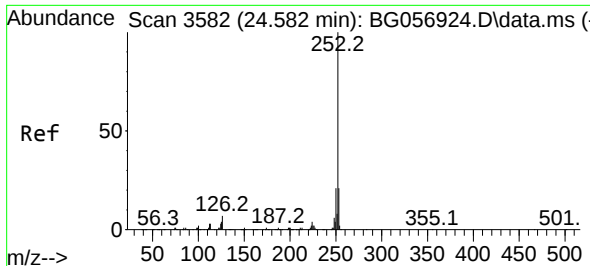
Delta R.T. -0.011 min

Lab File: BG056945.D

Acq: 31 Mar 2023 15:32

Tgt Ion:	252	Resp:	33037
Ion Ratio	Lower	Upper	
252	100		
253	20.1	18.1	27.1
125	6.3	4.2	6.4





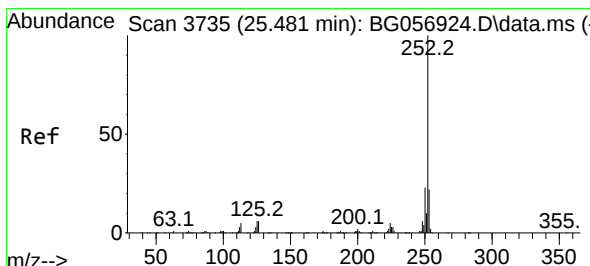
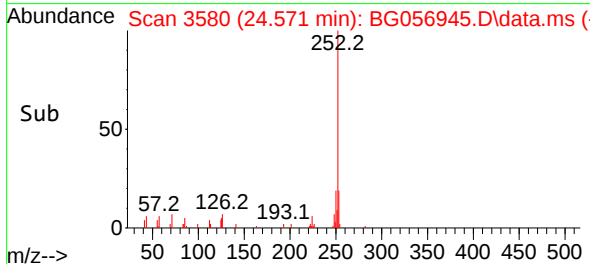
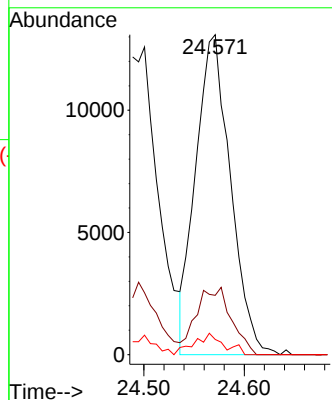
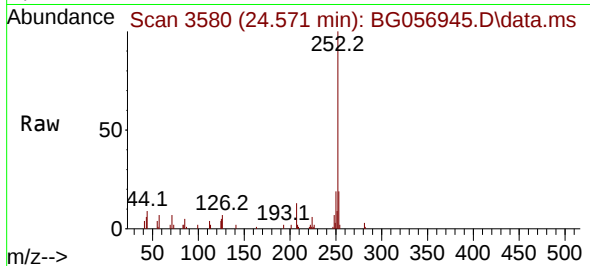
#89
Benzo(k)fluoranthene
Concen: 3.875 ng
RT: 24.571 min Scan# 3152
Delta R.T. -0.011 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:252 Resp: 3152
Ion Ratio Lower Upper
252 100
253 18.6 17.1 25.7
125 4.8 3.8 5.6

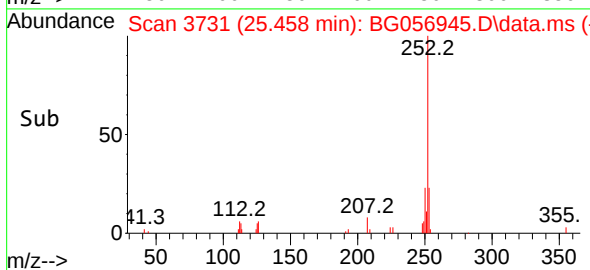
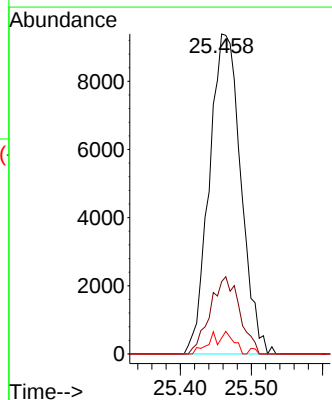
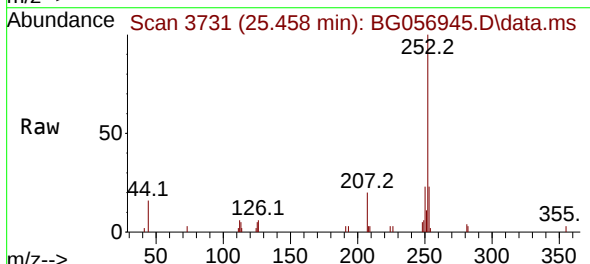
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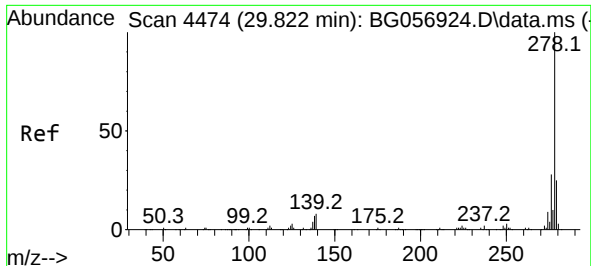
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#90
Benzo(a)pyrene
Concen: 3.612 ng
RT: 25.458 min Scan# 3731
Delta R.T. -0.023 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

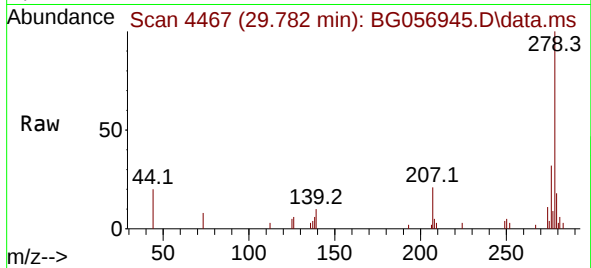
Tgt Ion:252 Resp: 28925
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 5.0 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 3.817 ng
RT: 29.782 min Scan# 4474
Delta R.T. -0.041 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32

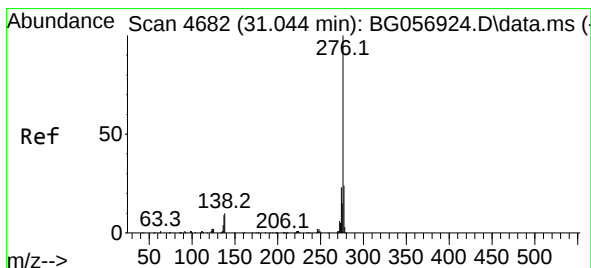
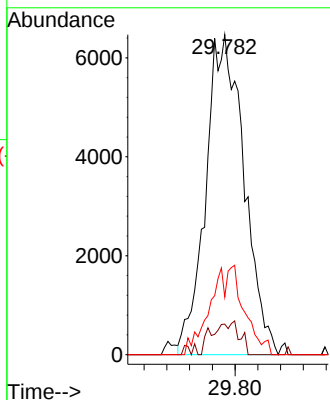
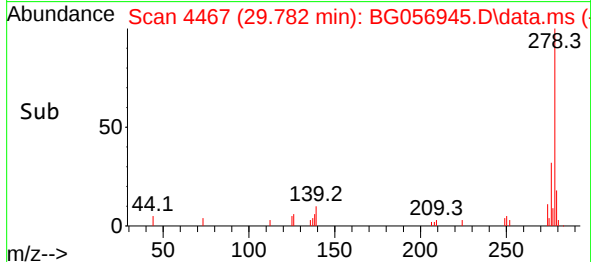
Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



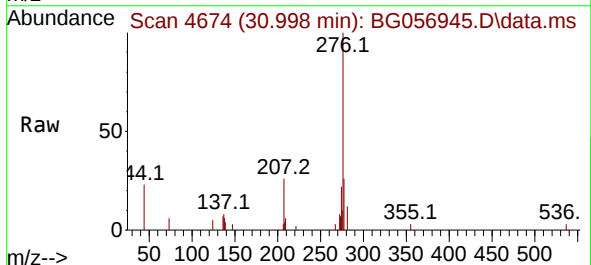
Tgt Ion: 278 Resp: 30210
Ion Ratio Lower Upper
278 100
139 9.6 6.4 9.6
279 18.1 20.2 30.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.778 ng
RT: 30.998 min Scan# 4674
Delta R.T. -0.046 min
Lab File: BG056945.D
Acq: 31 Mar 2023 15:32



Tgt Ion: 276 Resp: 29288
Ion Ratio Lower Upper
276 100
277 26.0 19.1 28.7
138 9.5 8.2 12.2

