

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056500.D
 Acq On : 1 Feb 2023 14:53
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Feb 02 05:01:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	32656	20.000	ng	0.00
21) Naphthalene-d8	11.107	136	125936	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	104098	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	269204	20.000	ng	0.00
76) Chrysene-d12	21.918	240	260323	20.000	ng	0.00
86) Perylene-d12	25.344	264	288151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	179811	101.291	ng	0.00
7) Phenol-d6	7.418	99	259832	98.786	ng	0.00
23) Nitrobenzene-d5	9.451	82	154925	69.856	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	144210	104.204	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	535128	71.271	ng	0.00
79) Terphenyl-d14	20.209	244	1030977	69.559	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	6794	9.191	ng	98
3) Pyridine	4.022	79	18812	8.538	ng	95
4) n-Nitrosodimethylamine	3.928	42	3902	8.327	ng	# 92
6) Aniline	7.588	93	28967	8.412	ng	# 93
8) 2-Chlorophenol	7.835	128	16337	8.377	ng	83
9) Benzaldehyde	7.400	77	14931	9.782	ng	89
10) Phenol	7.441	94	22458	8.401	ng	96
11) bis(2-Chloroethyl)ether	7.682	93	16052	8.736	ng	92
12) 1,3-Dichlorobenzene	8.164	146	21558	9.601	ng	96
13) 1,4-Dichlorobenzene	8.311	146	21557	9.480	ng	99
14) 1,2-Dichlorobenzene	8.634	146	20508	9.296	ng	96
15) Benzyl Alcohol	8.510	79	15053	8.341	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.793	45	3331	8.556	ng	98
17) 2-Methylphenol	8.710	107	16288	8.009	ng	98
18) Hexachloroethane	9.368	117	6317	9.185	ng	84
19) n-Nitroso-di-n-propyla...	9.075	70	12651	8.346	ng	96
20) 3+4-Methylphenols	9.039	107	21912	7.688	ng	93
22) Acetophenone	9.104	105	30491	9.112	ng	# 96
24) Nitrobenzene	9.492	77	20094	9.393	ng	96
25) Isophorone	10.009	82	40819	8.922	ng	98
26) 2-Nitrophenol	10.214	139	11583	8.924	ng	94
27) 2,4-Dimethylphenol	10.256	122	17642	8.122	ng	90
28) bis(2-Chloroethoxy)met...	10.491	93	23479	9.289	ng	93
29) 2,4-Dichlorophenol	10.755	162	21305	8.714	ng	95
30) 1,2,4-Trichlorobenzene	10.966	180	25932	9.544	ng	97
31) Naphthalene	11.160	128	60471	9.098	ng	98
32) Benzoic acid	10.367	122	14177m	11.666	ng	
33) 4-Chloroaniline	11.260	127	26510	8.544	ng	97
34) Hexachlorobutadiene	11.431	225	19193	10.063	ng	99
35) Caprolactam	12.012	113	6792	8.237	ng	93
36) 4-Chloro-3-methylphenol	12.365	107	20173	8.543	ng	88
37) 2-Methylnaphthalene	12.741	142	47815	8.726	ng	98
38) 1-Methylnaphthalene	12.958	142	45445	8.880	ng	97
40) 1,2,4,5-Tetrachloroben...	13.105	216	36231	9.527	ng	97
41) Hexachlorocyclopentadiene	13.082	237	11321	11.540	ng	99
43) 2,4,6-Trichlorophenol	13.340	196	21383	8.725	ng	95

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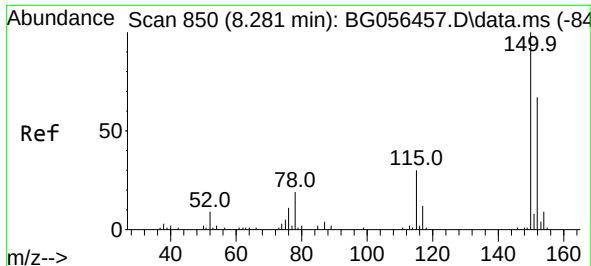
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	22785	7.941	ng	97
46) 1,1'-Biphenyl	13.734	154	69984	9.269	ng	98
47) 2-Chloronaphthalene	13.781	162	55471	9.399	ng	99
48) 2-Nitroaniline	13.981	65	10160	8.328	ng	84
49) Acenaphthylene	14.621	152	87323	9.094	ng	98
50) Dimethylphthalate	14.327	163	74389	8.833	ng	100
51) 2,6-Dinitrotoluene	14.456	165	16582	9.029	ng	97
52) Acenaphthene	14.956	154	51305	9.010	ng	96
53) 3-Nitroaniline	14.791	138	14869	8.351	ng	88
54) 2,4-Dinitrophenol	15.009	184	10177	8.839	ng	93
55) Dibenzofuran	15.291	168	92776	9.085	ng	99
56) 4-Nitrophenol	15.097	139	13127	10.790	ng	95
57) 2,4-Dinitrotoluene	15.244	165	22998	8.890	ng	99
58) Fluorene	15.937	166	72616	8.937	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.514	232	21570	8.455	ng	# 95
60) Diethylphthalate	15.679	149	70048	8.858	ng	98
61) 4-Chlorophenyl-phenylether	15.919	204	45149	9.106	ng	97
62) 4-Nitroaniline	15.949	138	15630	8.773	ng	90
63) Azobenzene	16.207	77	49397	9.078	ng	96
65) 4,6-Dinitro-2-methylph...	16.013	198	15294	8.081	ng	98
66) n-Nitrosodiphenylamine	16.131	169	67842	8.901	ng	100
67) 4-Bromophenyl-phenylether	16.813	248	30313	8.796	ng	94
68) Hexachlorobenzene	16.936	284	31762	9.410	ng	# 95
69) Atrazine	17.059	200	28806	9.796	ng	98
70) Pentachlorophenol	17.283	266	18609m	9.111	ng	
71) Phenanthrene	17.676	178	127371	9.040	ng	97
72) Anthracene	17.764	178	129499	8.954	ng	98
73) Carbazole	18.029	167	111339	9.038	ng	97
74) Di-n-butylphthalate	18.558	149	113608	8.784	ng	99
75) Fluoranthene	19.668	202	160207	9.009	ng	100
77) Benzidine	19.833	184	84813	12.039	ng	99
78) Pyrene	20.026	202	161334	8.714	ng	100
80) Butylbenzylphthalate	20.884	149	46826	8.281	ng	98
81) Benzo(a)anthracene	21.901	228	162986	8.956	ng	99
82) 3,3'-Dichlorobenzidine	21.801	252	65932	10.060	ng	97
83) Chrysene	21.971	228	152590	8.924	ng	98
84) Bis(2-ethylhexyl)phtha...	21.760	149	67586	8.337	ng	99
85) Di-n-octyl phthalate	23.029	149	115675	8.568	ng	100
87) Indeno(1,2,3-cd)pyrene	29.274	276	180333	8.549	ng	# 95
88) Benzo(b)fluoranthene	24.245	252	168132	9.401	ng	96
89) Benzo(k)fluoranthene	24.316	252	161921	8.967	ng	99
90) Benzo(a)pyrene	25.173	252	146396	8.309	ng	98
91) Dibenzo(a,h)anthracene	29.316	278	160600	9.071	ng	98
92) Benzo(g,h,i)perylene	30.496	276	154248	9.029	ng	99

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

Manual Integrations

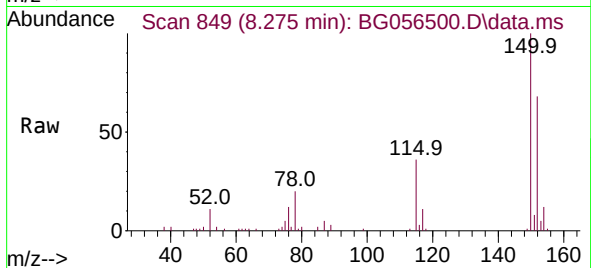
Quant Time: Feb 02 05:01:37 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

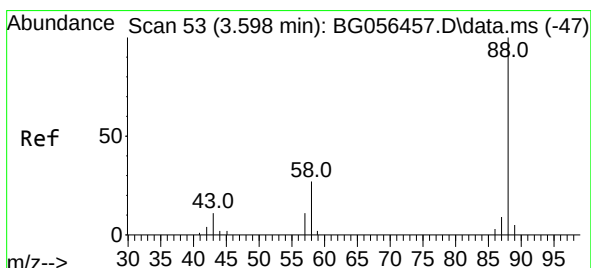
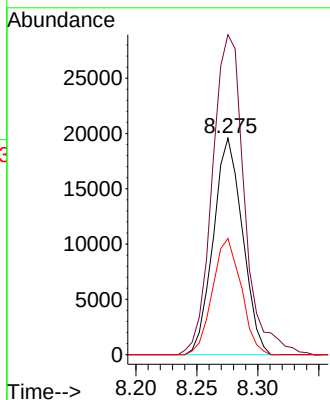
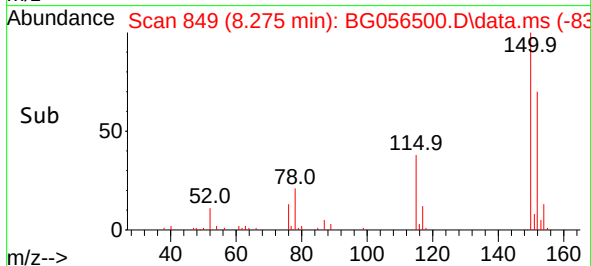
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 32656
Ion Ratio Lower Upper
152 100
150 147.9 120.2 180.4
115 53.6 36.3 54.5

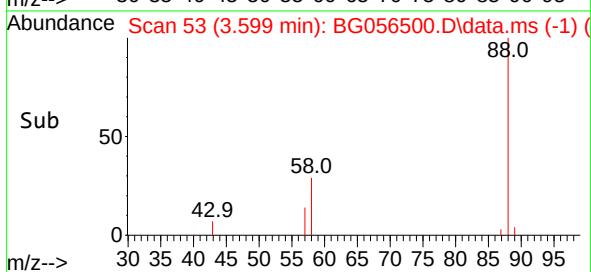
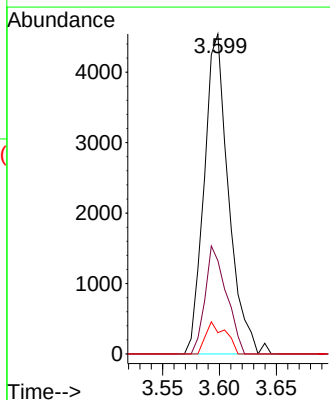
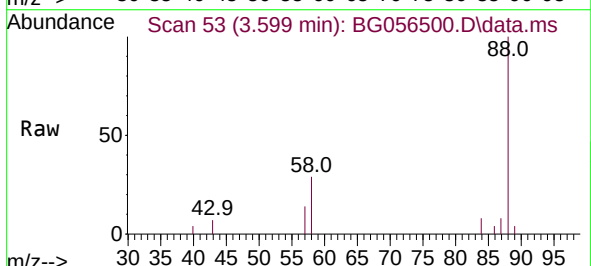
Manual Integrations
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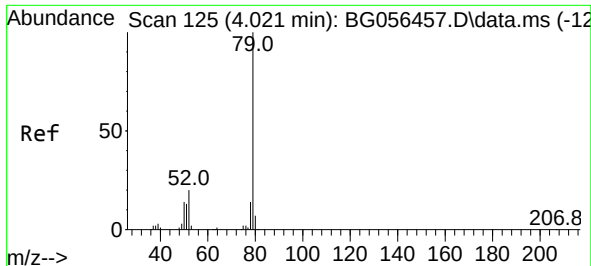
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#2
1,4-Dioxane
Concen: 9.191 ng
RT: 3.599 min Scan# 53
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

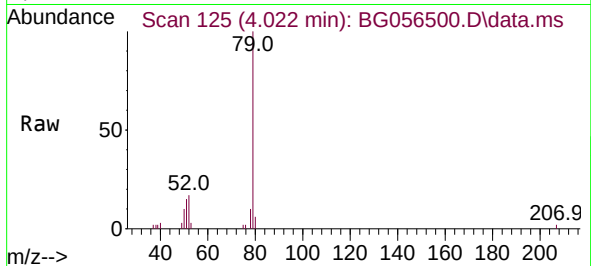
Tgt Ion: 88 Resp: 6794
Ion Ratio Lower Upper
88 100
58 29.4 23.0 34.4
43 8.1 8.0 12.0





#3
Pyridine
Concen: 8.538 ng
RT: 4.022 min Scan# 110
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

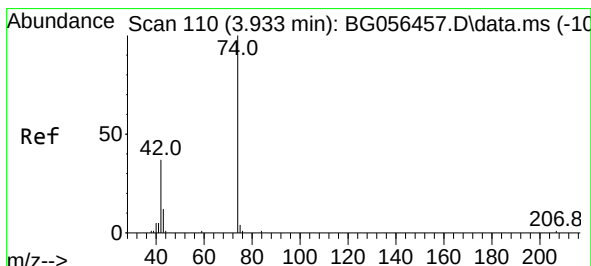
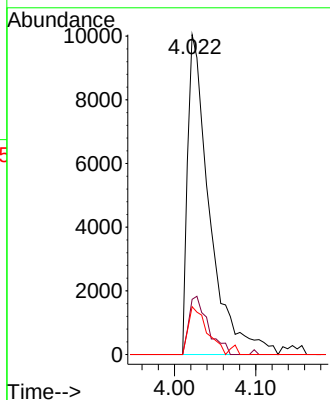
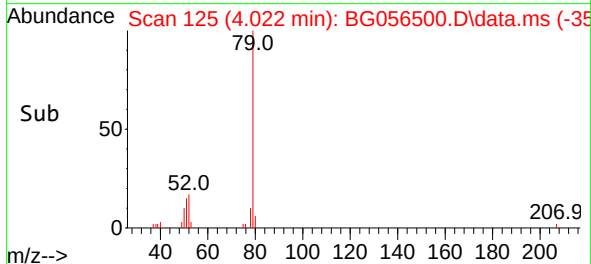
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



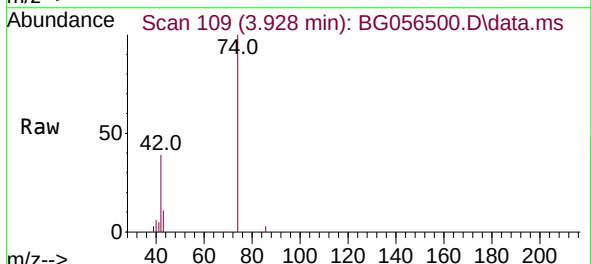
Tgt Ion: 79 Resp: 18812
Ion Ratio Lower Upper
79 100
52 17.3 16.1 24.1
51 15.0 10.7 16.1

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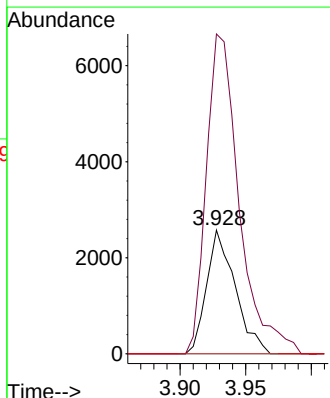
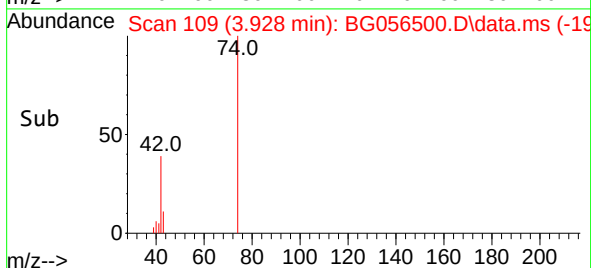
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

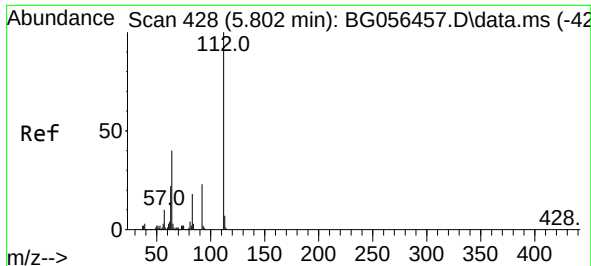


#4
n-Nitrosodimethylamine
Concen: 8.327 ng
RT: 3.928 min Scan# 109
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



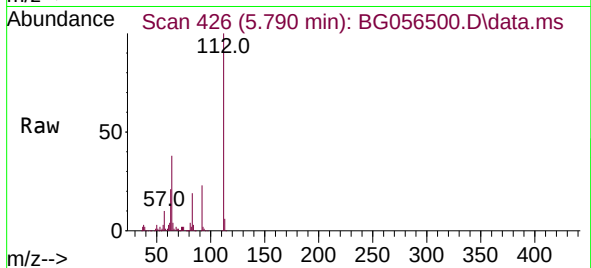
Tgt Ion: 42 Resp: 3902
Ion Ratio Lower Upper
42 100
74 258.4 217.9 326.9
44 0.0 3.0 4.6#





#5
2-Fluorophenol
Concen: 101.291 ng
RT: 5.790 min Scan# 428
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

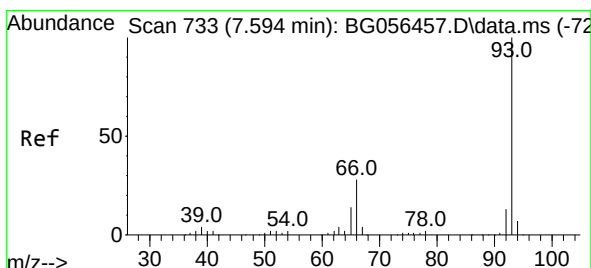
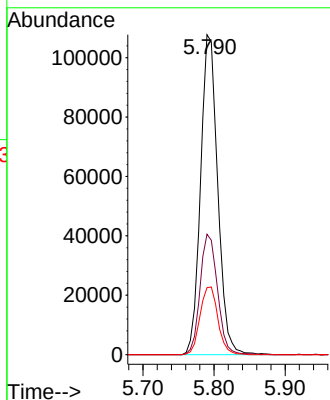
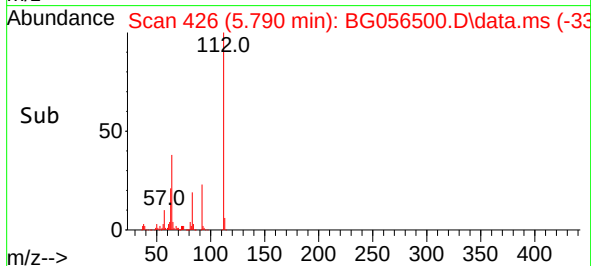
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:112 Resp: 17981
Ion Ratio Lower Upper
112 100
64 37.6 31.9 47.9
63 20.9 17.4 26.0

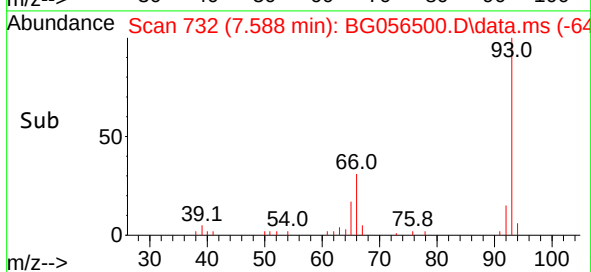
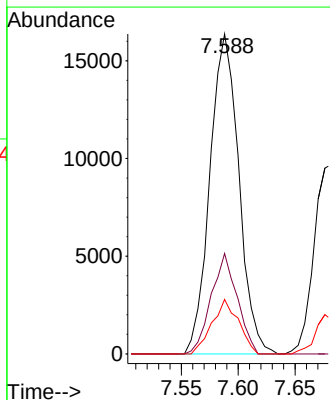
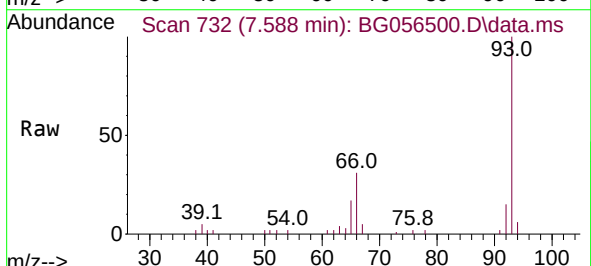
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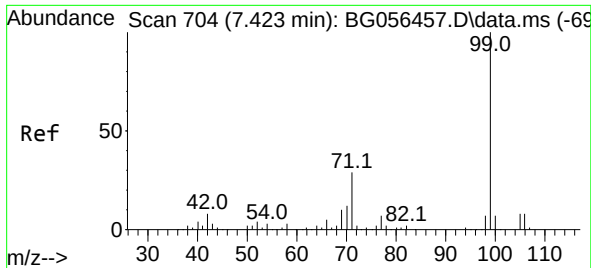
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#6
Aniline
Concen: 8.412 ng
RT: 7.588 min Scan# 732
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

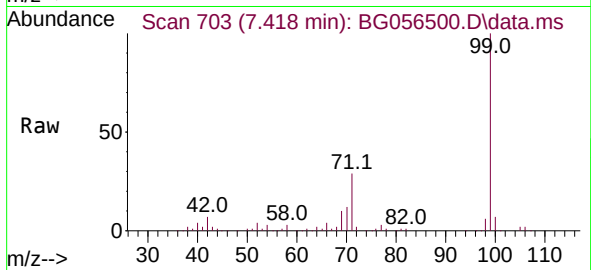
Tgt Ion: 93 Resp: 28967
Ion Ratio Lower Upper
93 100
66 31.4 22.2 33.2
65 17.0 11.3 16.9





#7
Phenol-d6
Concen: 98.786 ng
RT: 7.418 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

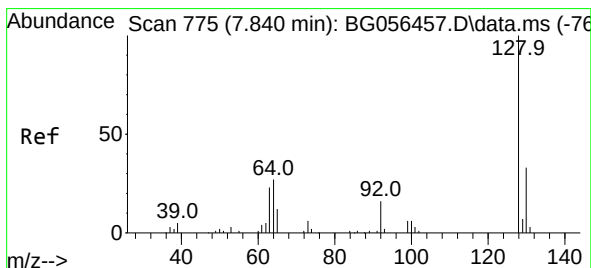
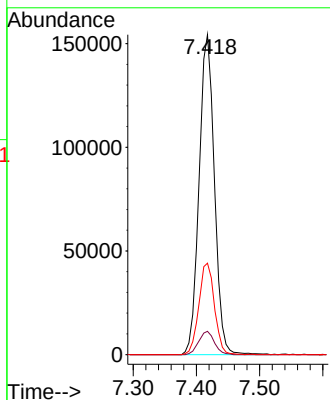
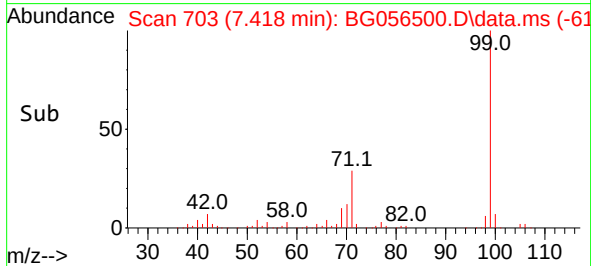
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 259832
Ion Ratio Lower Upper
99 100
42 7.3 6.6 10.0
71 28.6 23.4 35.0

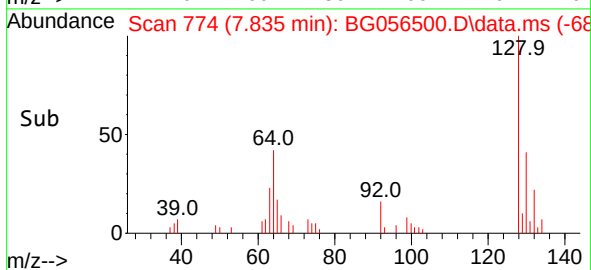
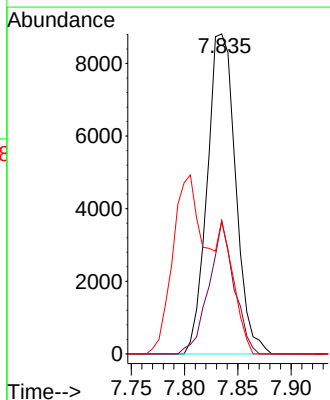
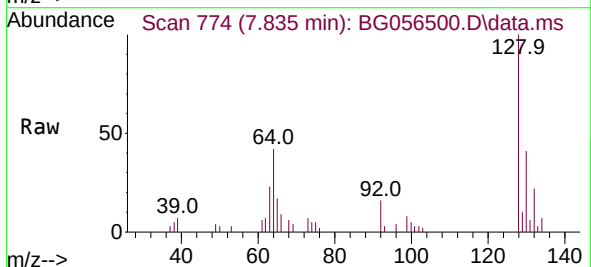
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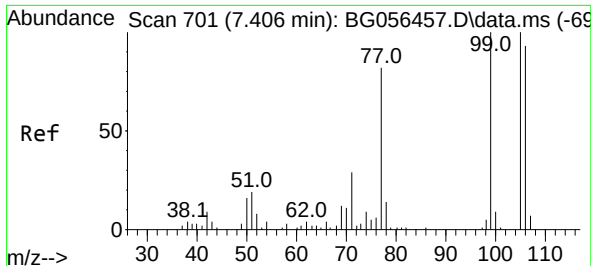
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#8
2-Chlorophenol
Concen: 8.377 ng
RT: 7.835 min Scan# 774
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:128 Resp: 16337
Ion Ratio Lower Upper
128 100
130 41.4 12.8 52.8
64 41.7 11.3 51.3





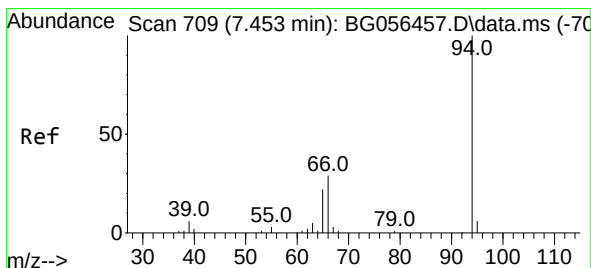
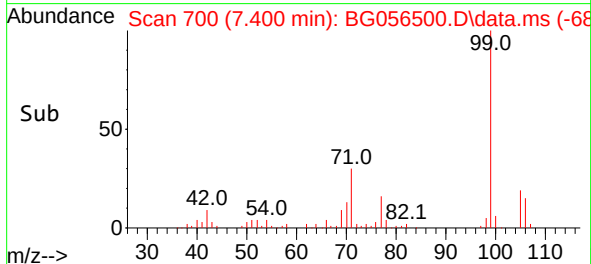
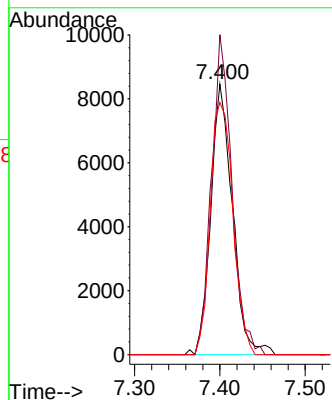
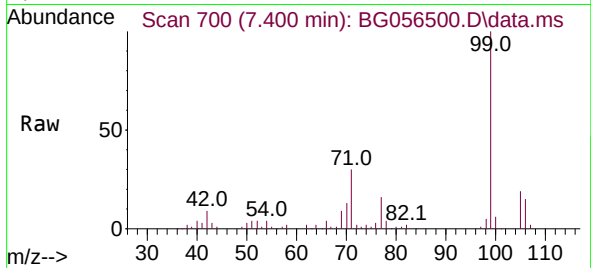
#9
Benzaldehyde
Concen: 9.782 ng
RT: 7.400 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 1493
Ion Ratio Lower Upper
77 100
105 118.3 101.8 141.8
106 93.2 93.0 133.0

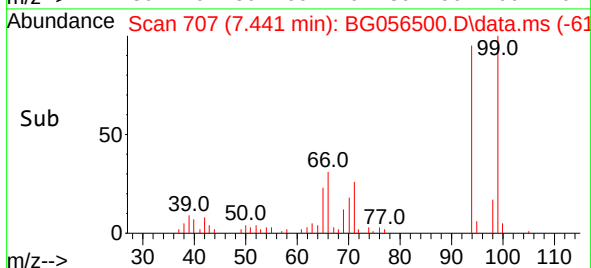
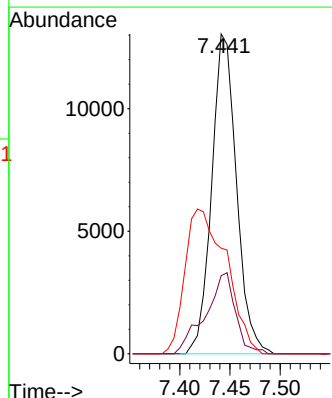
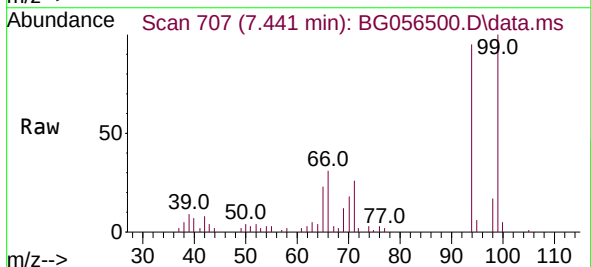
Manual Integrations
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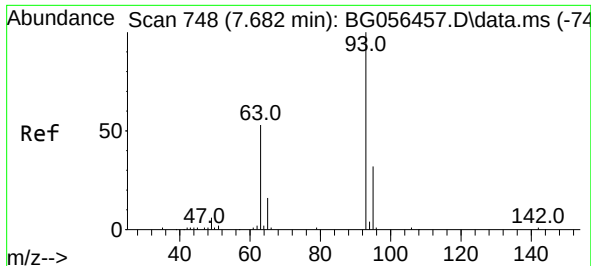
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#10
Phenol
Concen: 8.401 ng
RT: 7.441 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion: 94 Resp: 22458
Ion Ratio Lower Upper
94 100
65 24.4 2.3 42.3
66 33.0 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 8.736 ng

RT: 7.682 min Scan# 74

Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

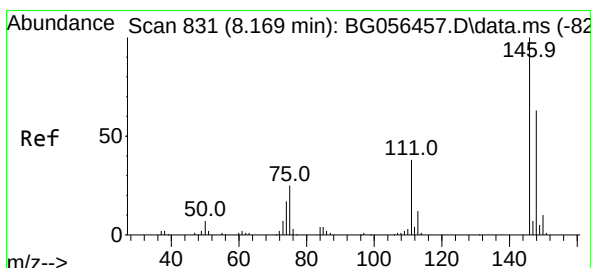
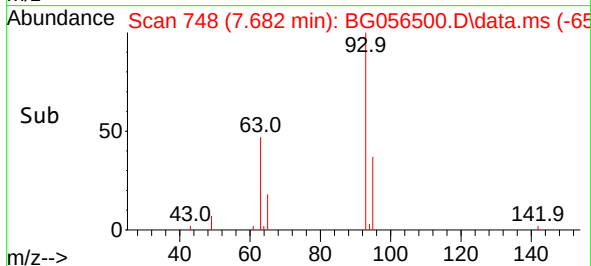
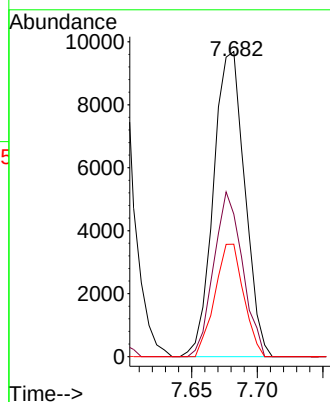
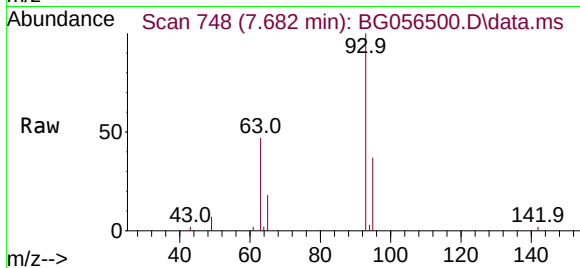
LOQ-WATER-02-QT4-2022

Tgt Ion: 93	Resp: 16052
Ion Ratio	Lower Upper
93 100	
63 46.7	32.4 72.4
95 36.9	11.8 51.8

Manual Integrations

APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 9.601 ng

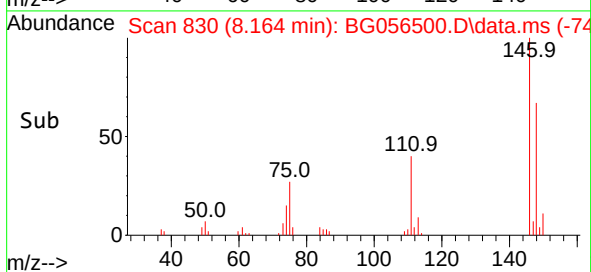
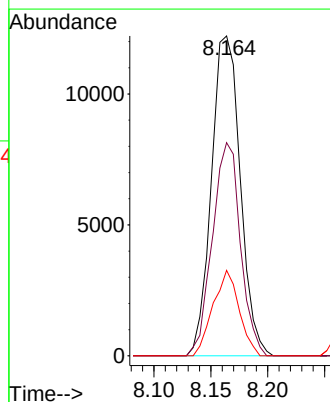
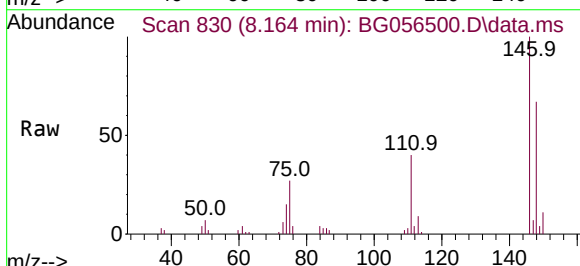
RT: 8.164 min Scan# 830

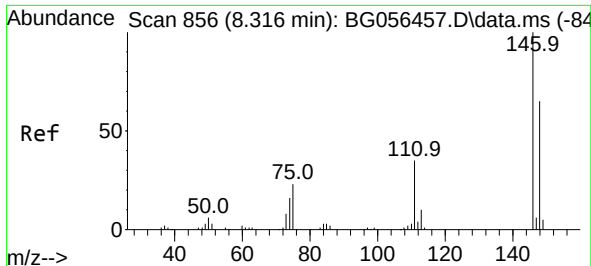
Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:146	Resp: 21558
Ion Ratio	Lower Upper
146 100	
148 66.6	50.6 75.8
75 26.7	19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 9.480 ng

RT: 8.311 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

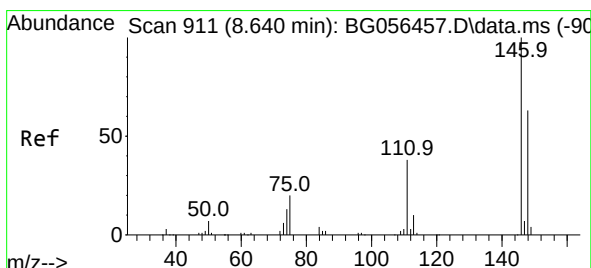
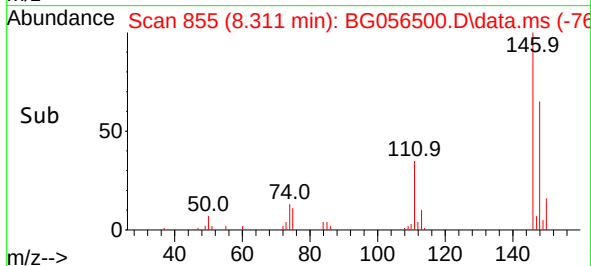
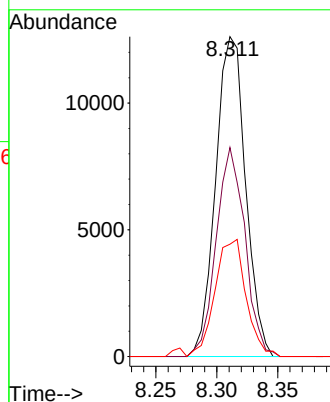
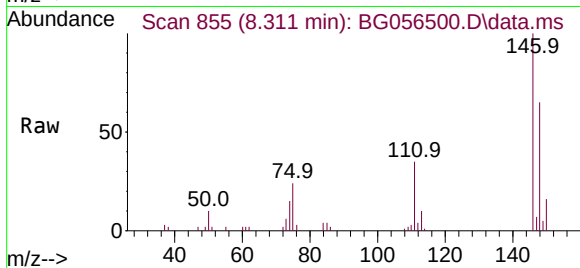
LOQ-WATER-02-QT4-2022

Tgt Ion:	146	Resp:	2155
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.6
111	35.1	28.6	42.8

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 9.296 ng

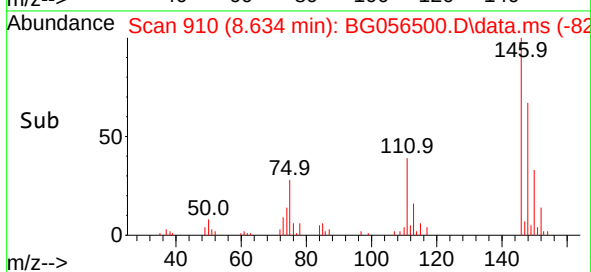
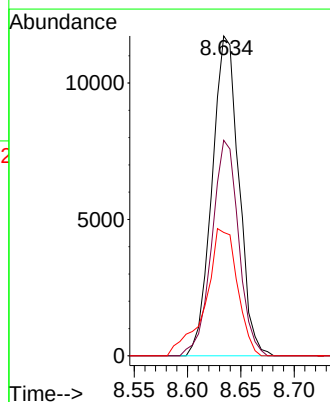
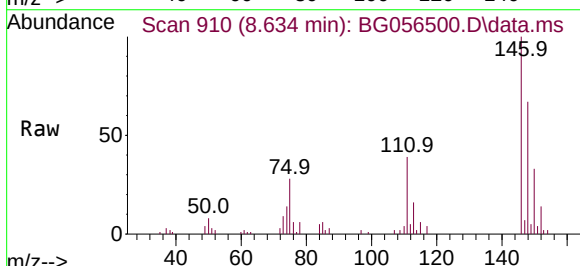
RT: 8.634 min Scan# 910

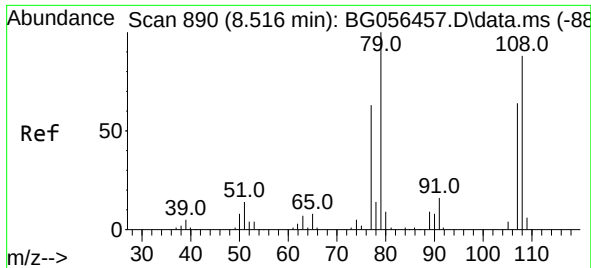
Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:	146	Resp:	20508
Ion Ratio	Lower	Upper	
146	100		
148	67.4	50.1	75.1
111	38.6	30.9	46.3





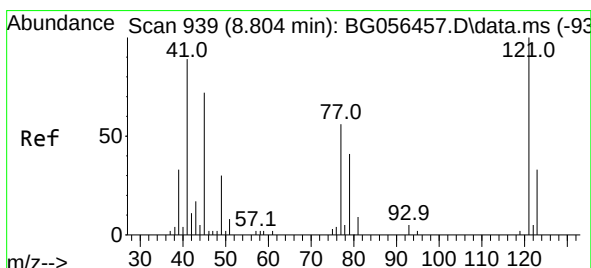
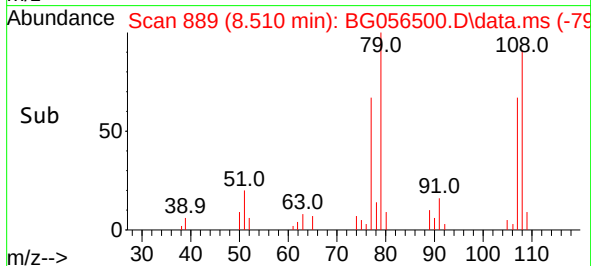
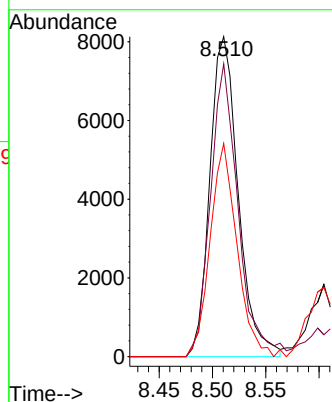
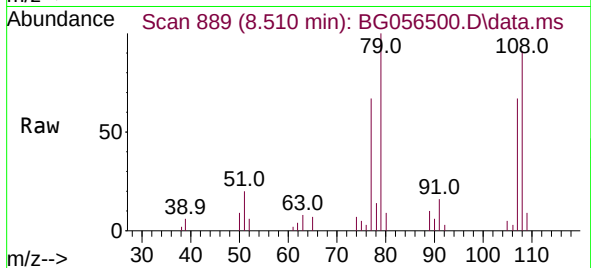
#15
Benzyl Alcohol
Concen: 8.341 ng
RT: 8.510 min Scan# 890
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 79 Resp: 1505
Ion Ratio Lower Upper
79 100
108 91.5 70.1 105.1
77 66.6 50.3 75.5

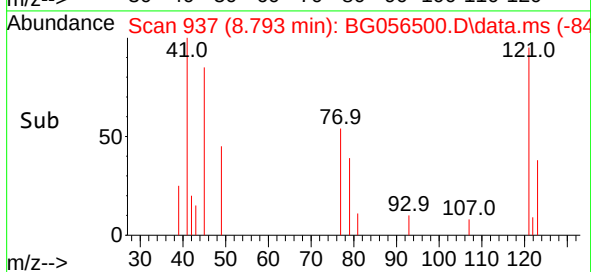
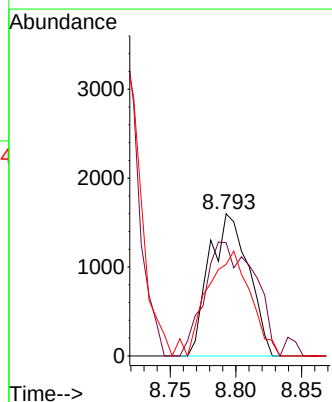
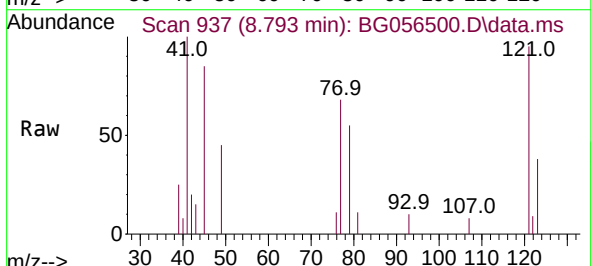
Manual Integrations
APPROVED

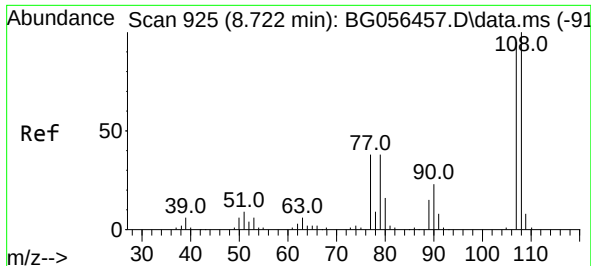
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.556 ng
RT: 8.793 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

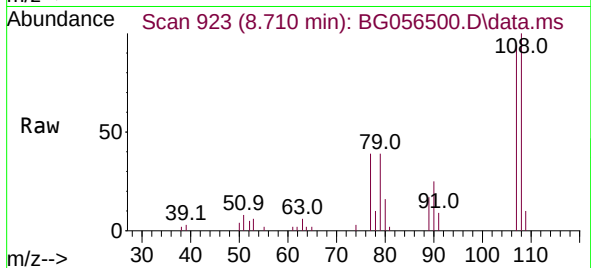
Tgt Ion: 45 Resp: 3331
Ion Ratio Lower Upper
45 100
77 79.6 62.1 102.1
79 64.3 42.7 82.7





#17
2-Methylphenol
Concen: 8.009 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

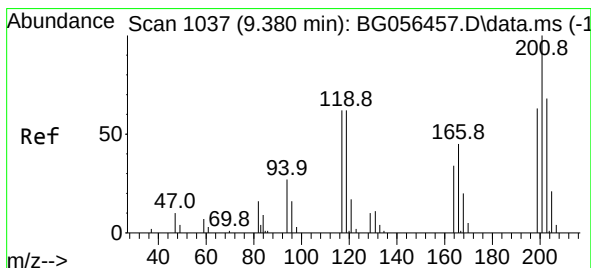
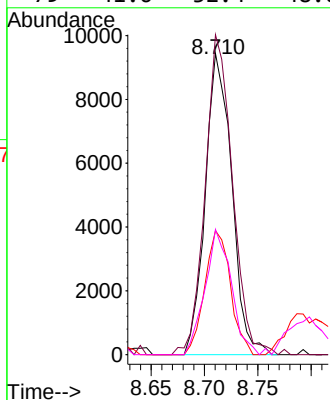
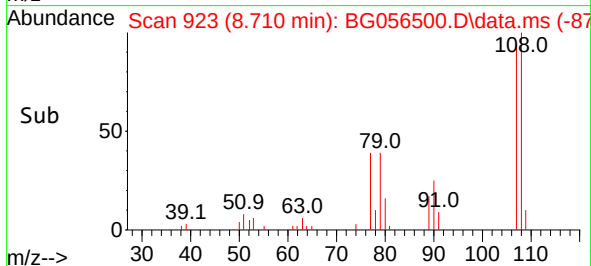
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



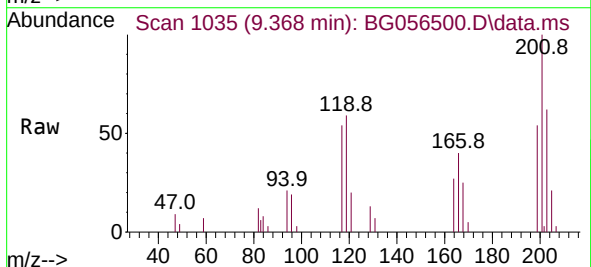
Tgt Ion:107 Resp: 16288
Ion Ratio Lower Upper
107 100
108 106.3 83.9 125.9
77 41.1 31.6 47.4
79 41.6 32.4 48.6

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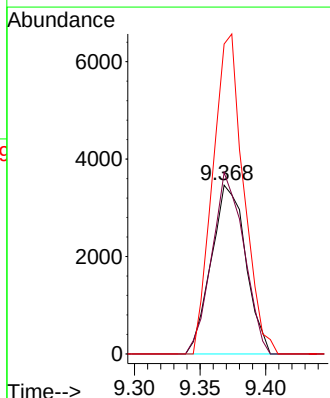
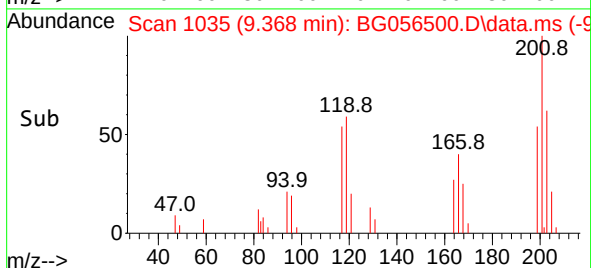
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

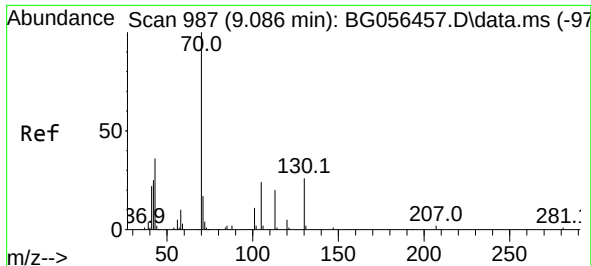


#18
Hexachloroethane
Concen: 9.185 ng
RT: 9.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



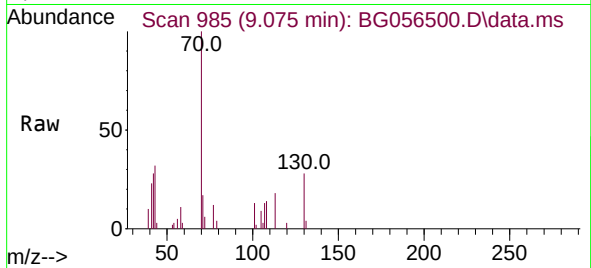
Tgt Ion:117 Resp: 6317
Ion Ratio Lower Upper
117 100
119 107.5 79.4 119.0
201 188.3 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 8.346 ng
RT: 9.075 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

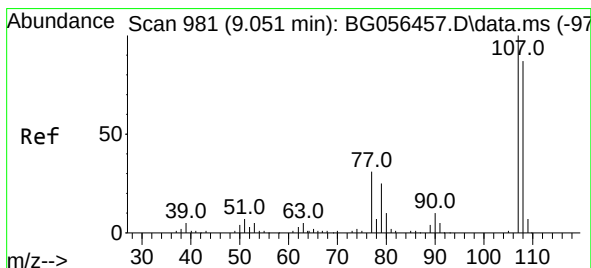
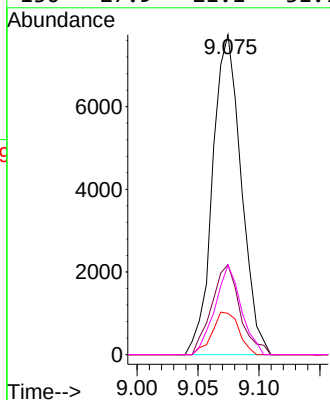
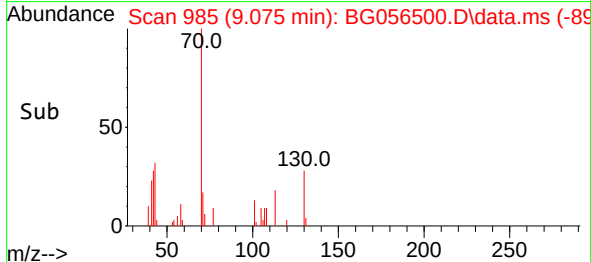
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2022



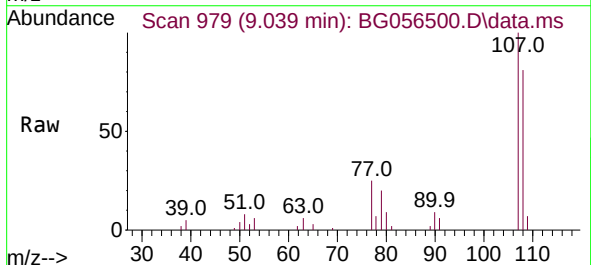
Tgt Ion: 70 Resp: 12651
Ion Ratio Lower Upper
70 100
42 28.1 20.2 30.4
101 12.9 9.1 13.7
130 27.9 21.1 31.7

Manual Integrations
APPROVED

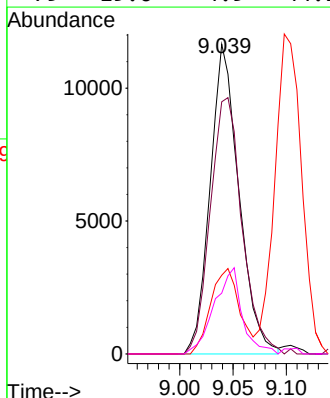
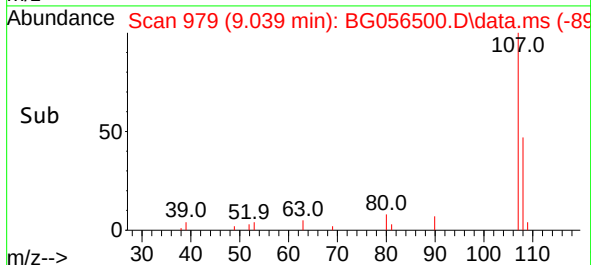
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

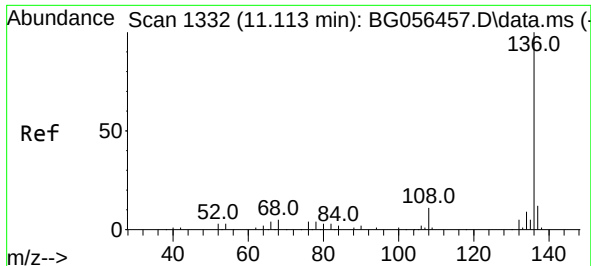


#20
3+4-Methylphenols
Concen: 7.688 ng
RT: 9.039 min Scan# 979
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



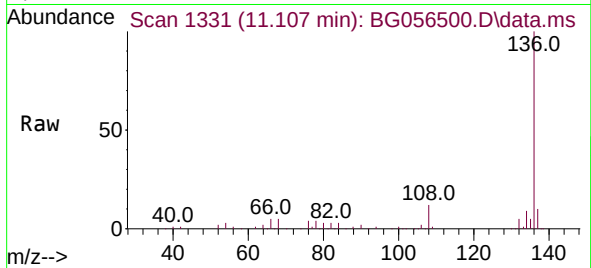
Tgt Ion:107 Resp: 21912
Ion Ratio Lower Upper
107 100
108 81.4 66.7 106.7
77 25.4 10.6 50.6
79 19.6 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

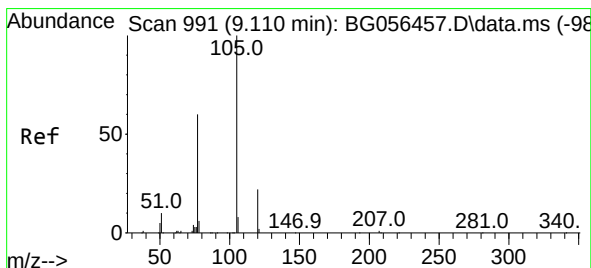
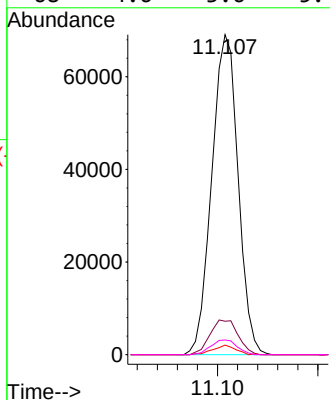
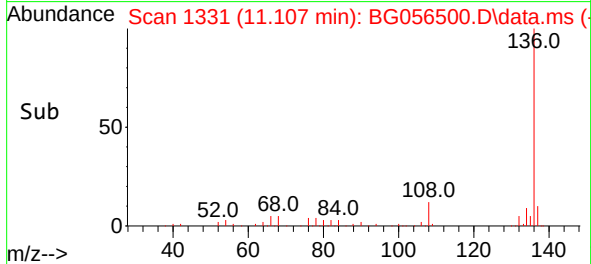
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 125936
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 3.0 2.2 3.4
68 4.6 3.6 5.4

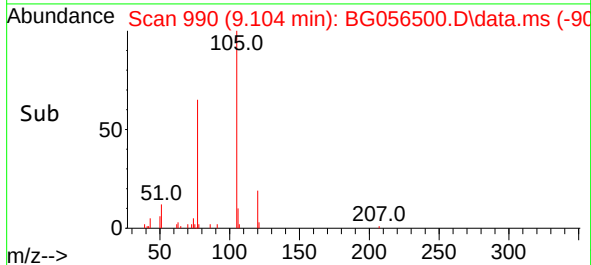
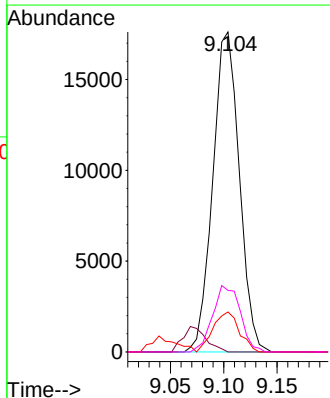
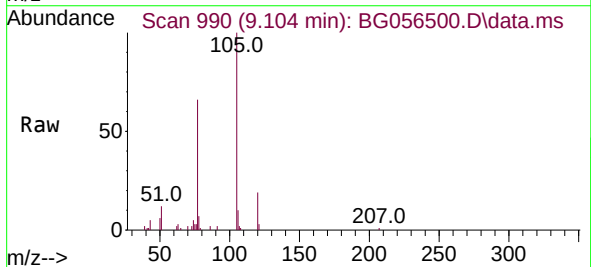
Manual Integrations
APPROVED

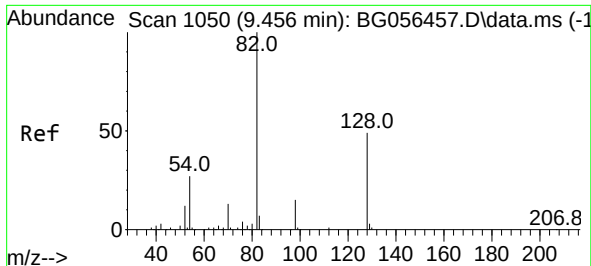
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#22
Acetophenone
Concen: 9.112 ng
RT: 9.104 min Scan# 990
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:105 Resp: 30491
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 12.5 9.2 13.8
120 19.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 69.856 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BG056500.D

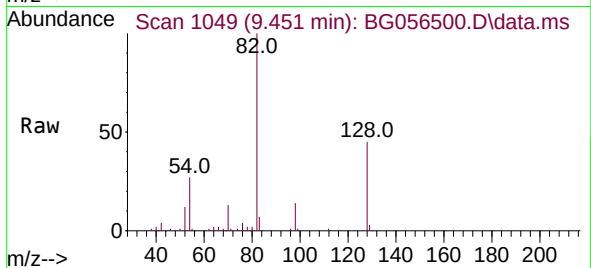
Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022



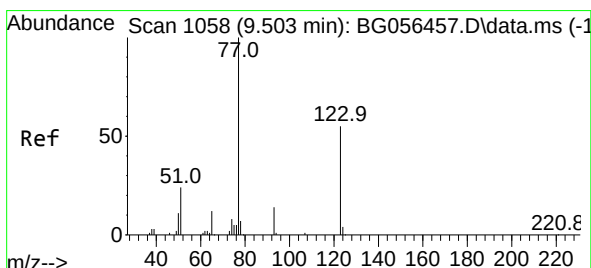
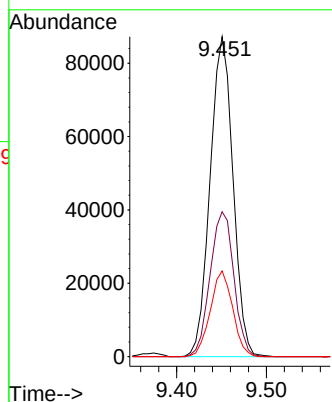
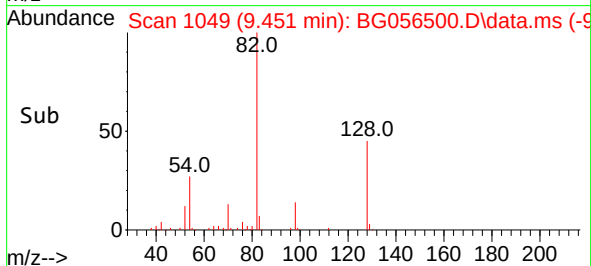
Tgt Ion:	82	Resp:	154925
Ion Ratio	Lower	Upper	
82	100		
128	45.3	39.4	59.2
54	26.8	21.4	32.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#24

Nitrobenzene

Concen: 9.393 ng

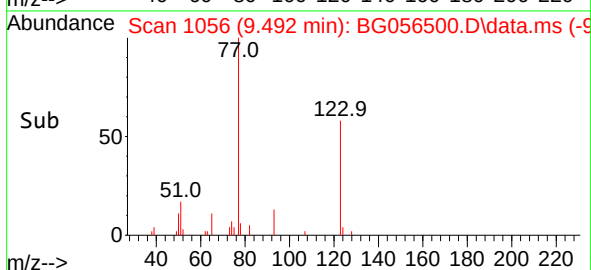
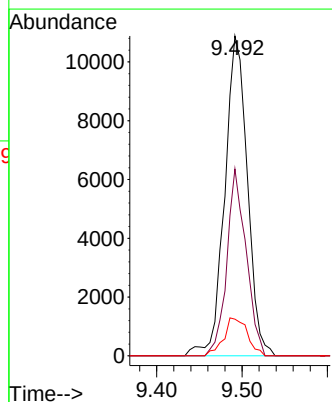
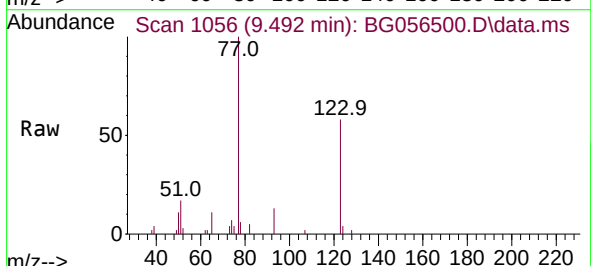
RT: 9.492 min Scan# 1056

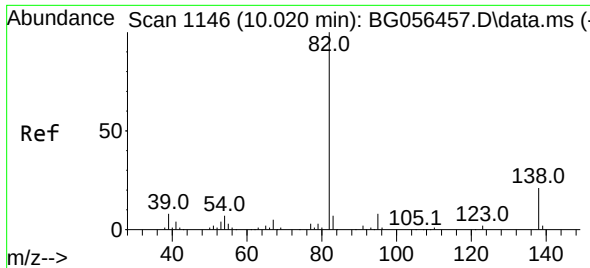
Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:	77	Resp:	20094
Ion Ratio	Lower	Upper	
77	100		
123	58.4	44.0	66.0
65	11.5	9.7	14.5





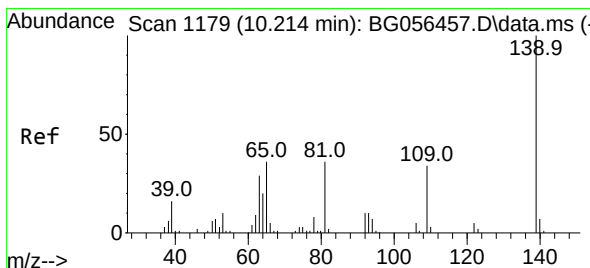
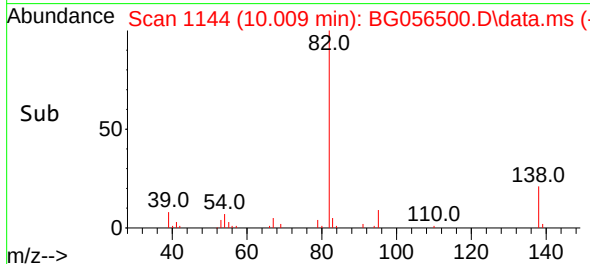
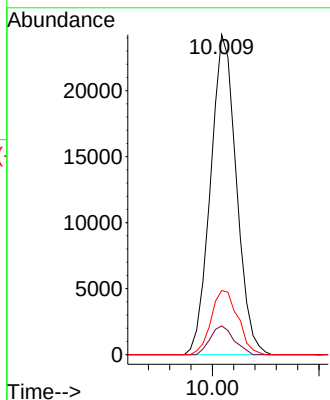
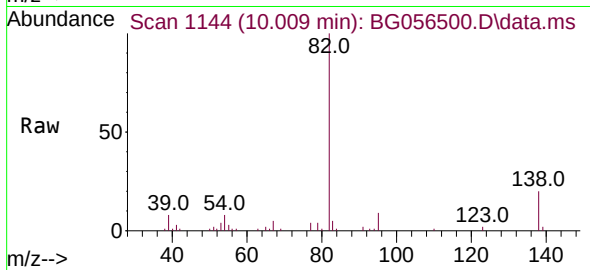
#25
Isophorone
Concen: 8.922 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 82 Resp: 40819
Ion Ratio Lower Upper
82 100
95 9.0 6.3 9.5
138 20.0 16.6 25.0

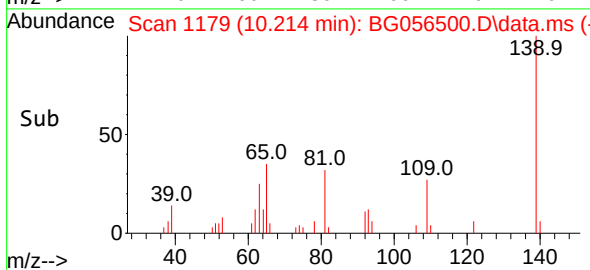
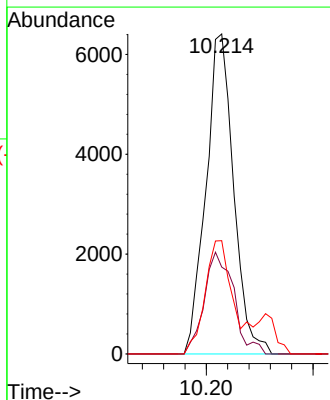
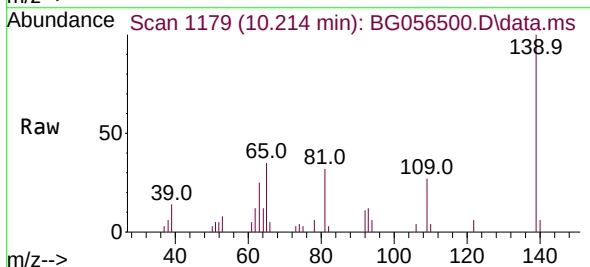
Manual Integrations
APPROVED

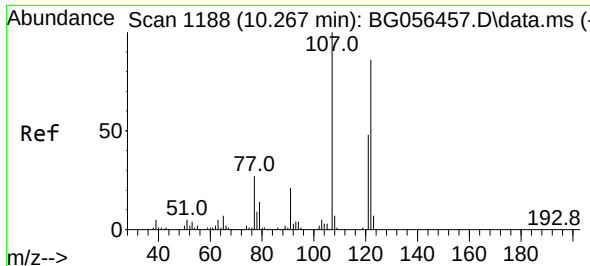
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#26
2-Nitrophenol
Concen: 8.924 ng
RT: 10.214 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:139 Resp: 11583
Ion Ratio Lower Upper
139 100
109 27.1 26.9 40.3
65 35.4 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 8.122 ng

RT: 10.256 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BG056500.D

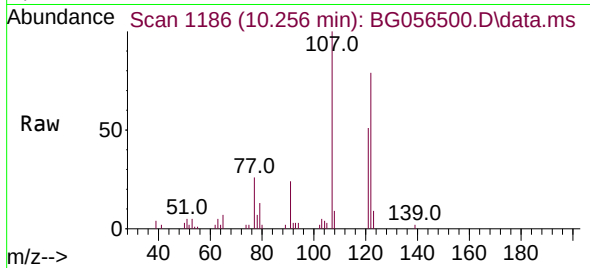
Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

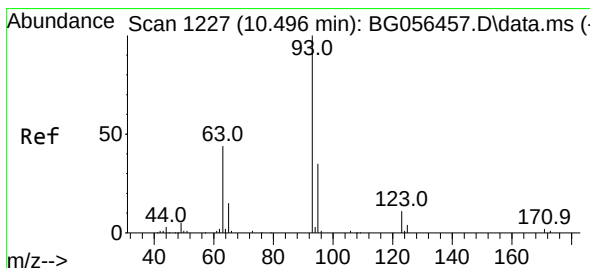
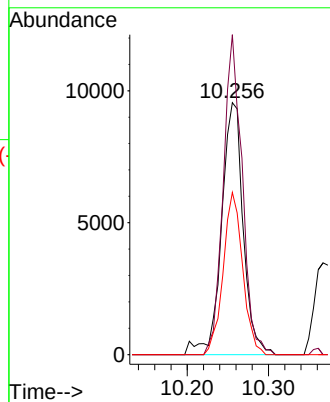
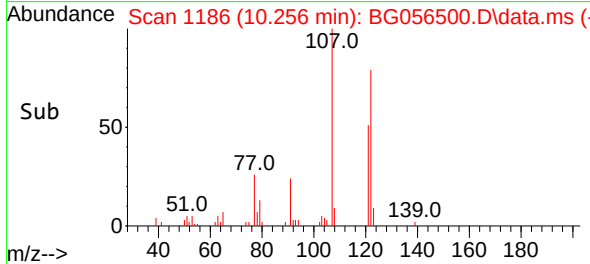


Tgt Ion:	122	Resp:	1764
Ion Ratio	Lower	Upper	
122	100		
107	127.0	92.9	139.3
121	64.4	45.0	67.4

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 9.289 ng

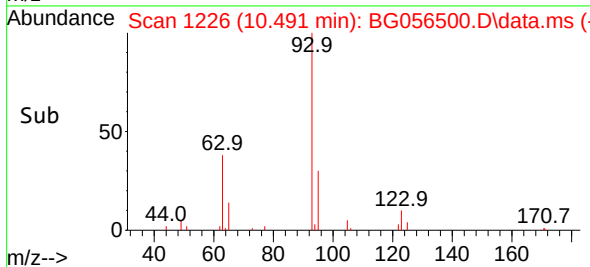
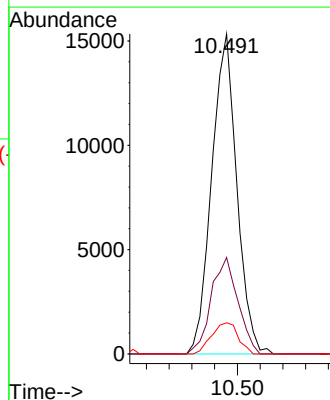
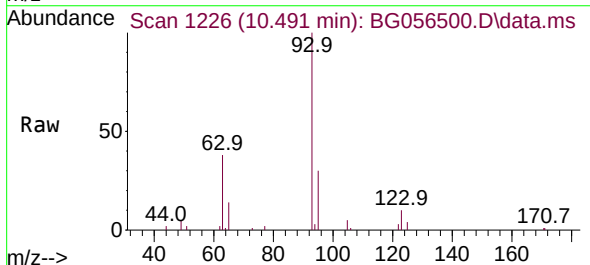
RT: 10.491 min Scan# 1226

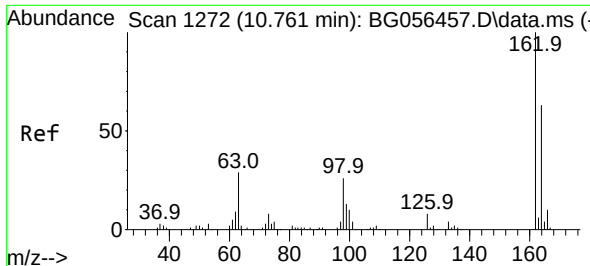
Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:	93	Resp:	23479
Ion Ratio	Lower	Upper	
93	100		
95	30.1	27.9	41.9
123	9.8	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 8.714 ng

RT: 10.755 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BG056500.D

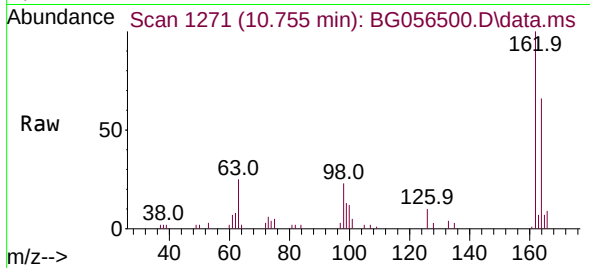
Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

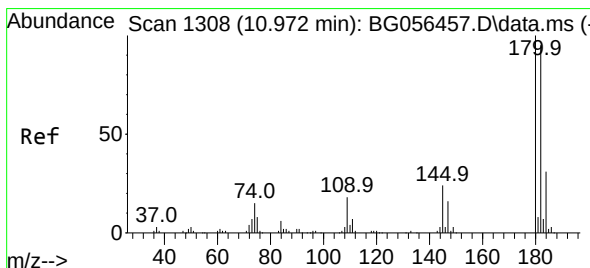
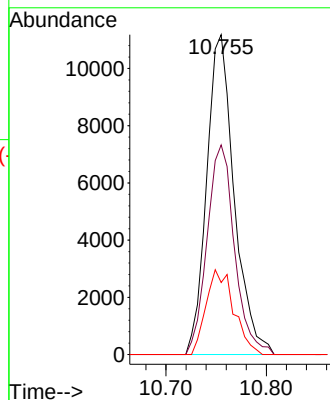


Tgt Ion:	162	Resp:	21305
Ion Ratio	Lower	Upper	
162	100		
164	65.5	42.8	82.8
98	22.5	6.5	46.5

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 9.544 ng

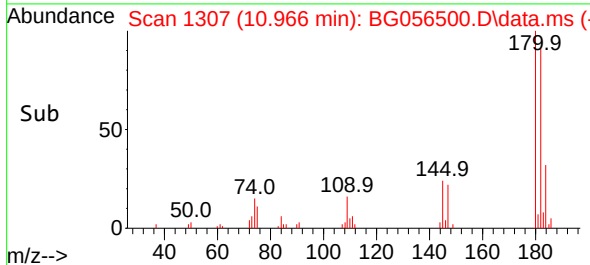
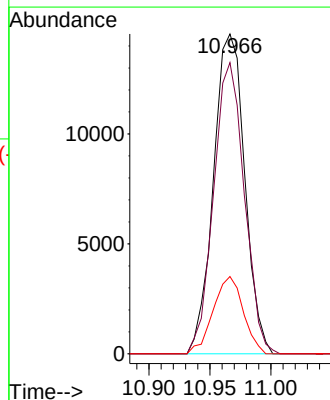
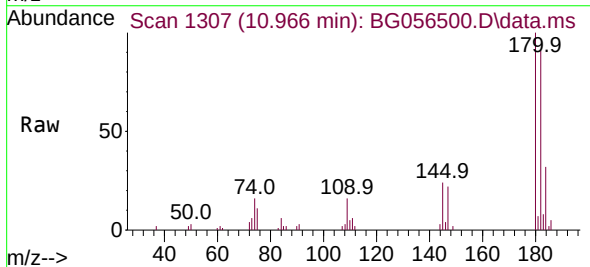
RT: 10.966 min Scan# 1307

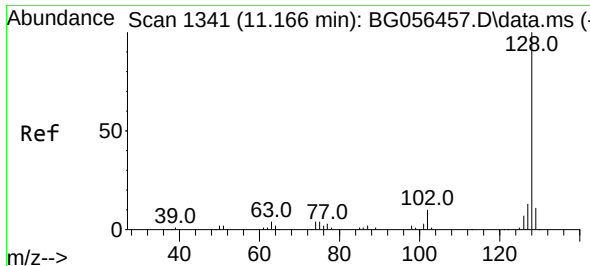
Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

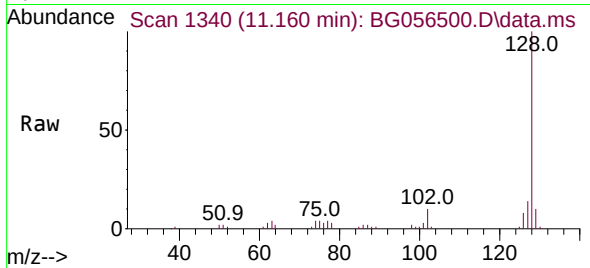
Tgt Ion:	180	Resp:	25932
Ion Ratio	Lower	Upper	
180	100		
182	91.0	75.9	113.9
145	24.2	19.4	29.0





#31
Naphthalene
Concen: 9.098 ng
RT: 11.160 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

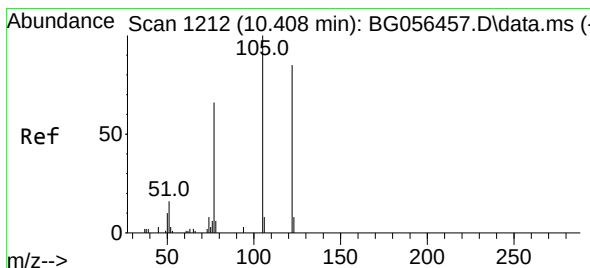
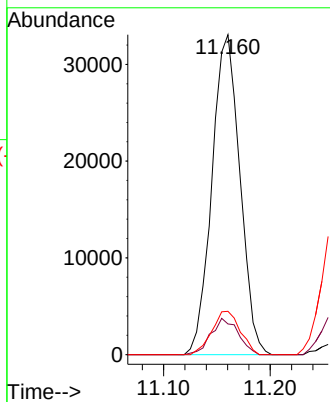
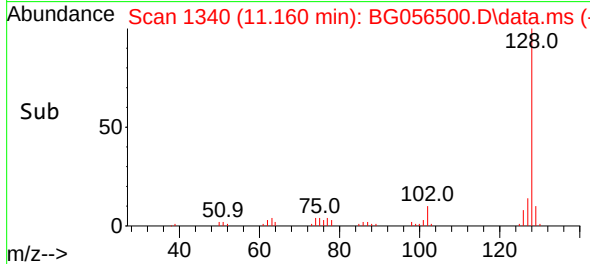
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 6047
Ion Ratio Lower Upper
128 100
129 9.6 8.7 13.1
127 13.5 10.4 15.6

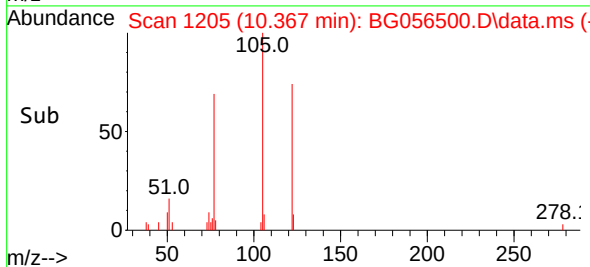
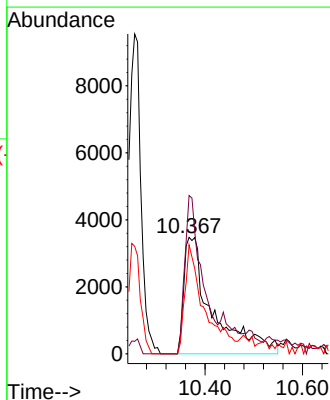
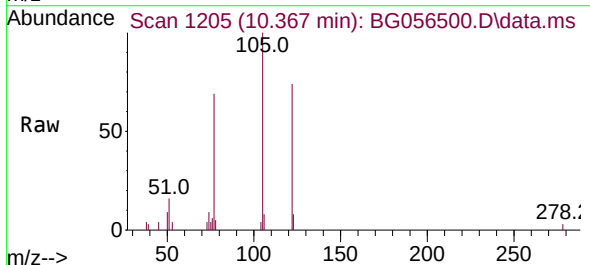
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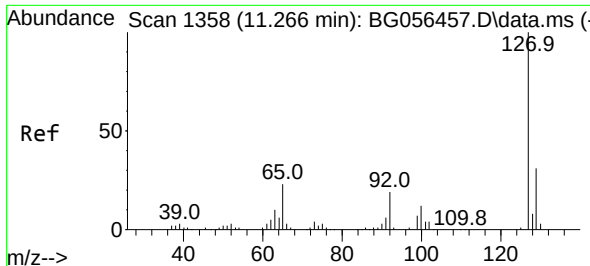
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#32
Benzoic acid
Concen: 11.666 ng m
RT: 10.367 min Scan# 1205
Delta R.T. -0.035 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

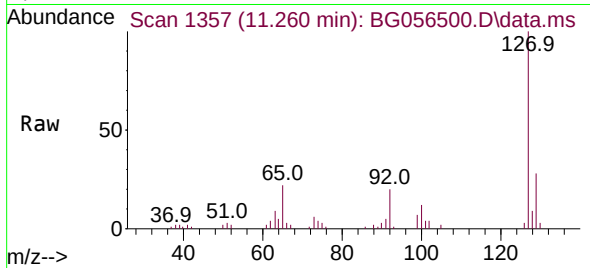
Tgt Ion:122 Resp: 14177
Ion Ratio Lower Upper
122 100
105 135.8 96.5 136.5
77 93.6 57.3 97.3





#33
4-Chloroaniline
Concen: 8.544 ng
RT: 11.260 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

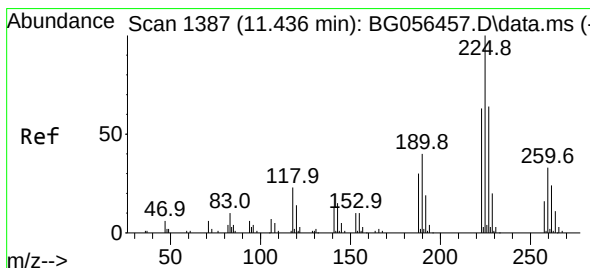
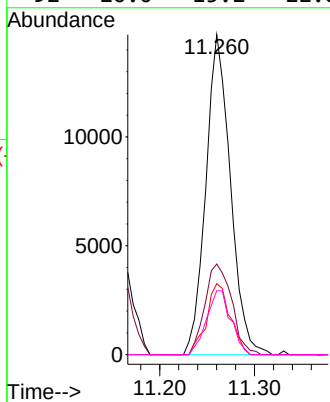
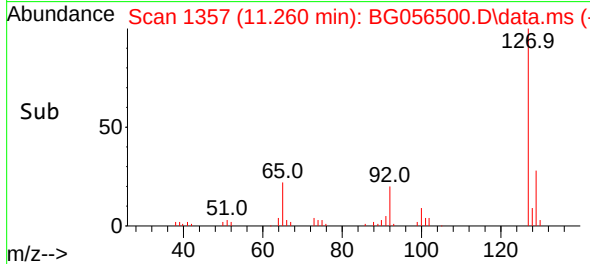
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



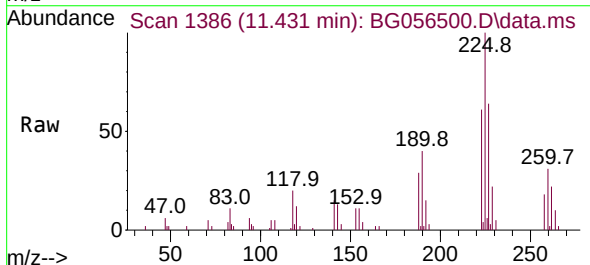
Tgt Ion:127 Resp: 26510
Ion Ratio Lower Upper
127 100
129 28.3 25.0 37.6
65 22.2 18.5 27.7
92 20.0 15.2 22.8

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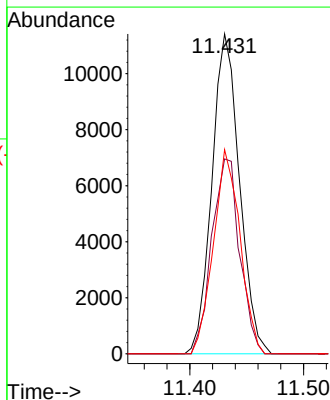
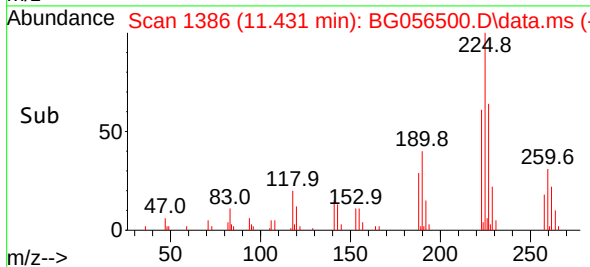
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

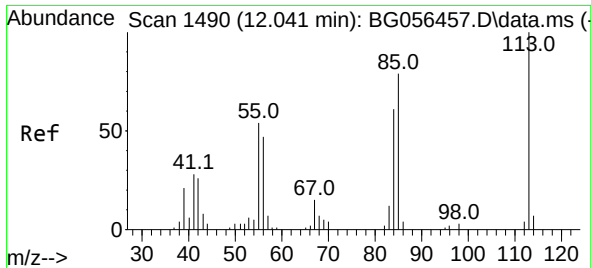


#34
Hexachlorobutadiene
Concen: 10.063 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



Tgt Ion:225 Resp: 19193
Ion Ratio Lower Upper
225 100
223 64.6 50.6 75.8
227 66.7 53.7 80.5





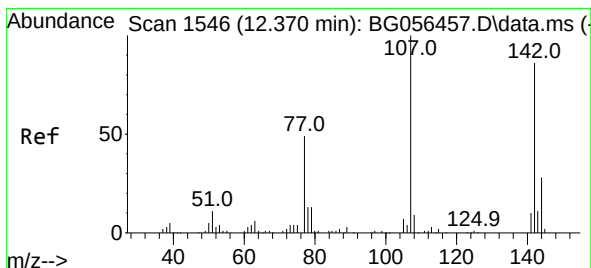
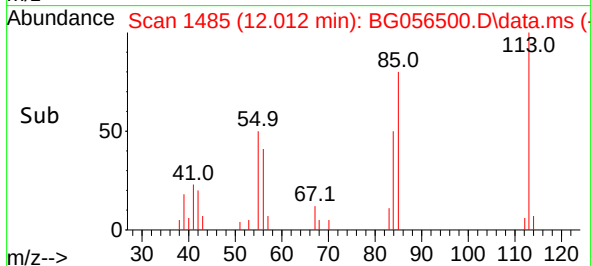
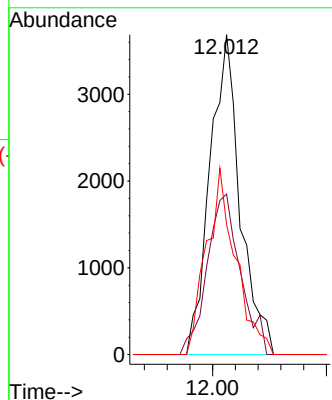
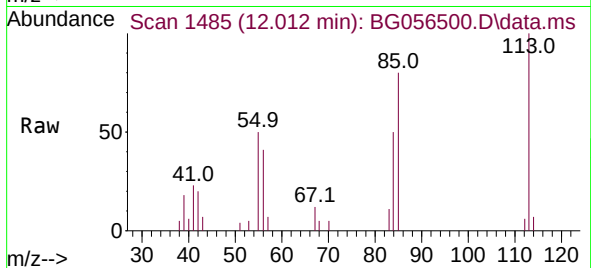
#35
Caprolactam
Concen: 8.237 ng
RT: 12.012 min Scan# 1490
Delta R.T. -0.018 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:113 Resp: 6792
Ion Ratio Lower Upper
113 100
55 50.2 33.7 73.7
56 40.6 27.1 67.1

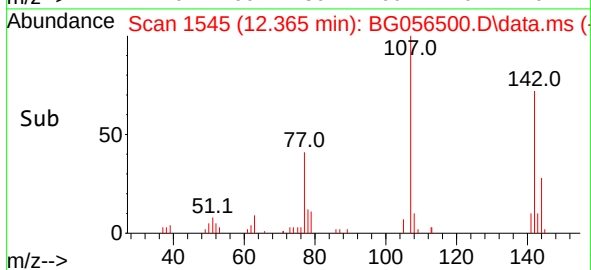
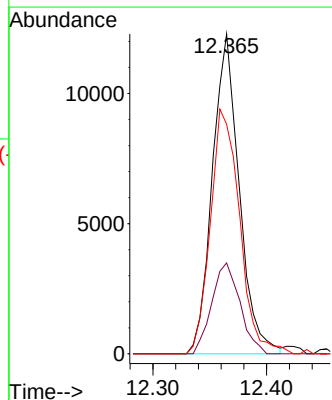
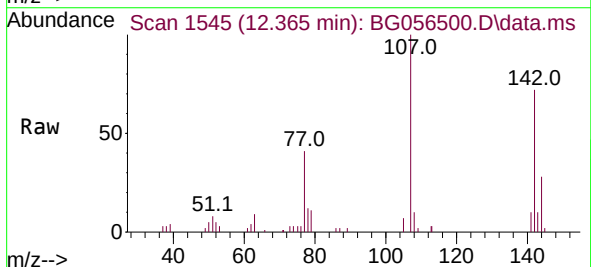
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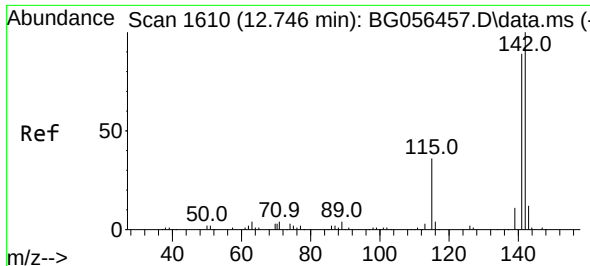
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#36
4-Chloro-3-methylphenol
Concen: 8.543 ng
RT: 12.365 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:107 Resp: 20173
Ion Ratio Lower Upper
107 100
144 28.4 22.3 33.5
142 71.8 68.9 103.3





#37

2-Methylnaphthalene

Concen: 8.726 ng

RT: 12.741 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

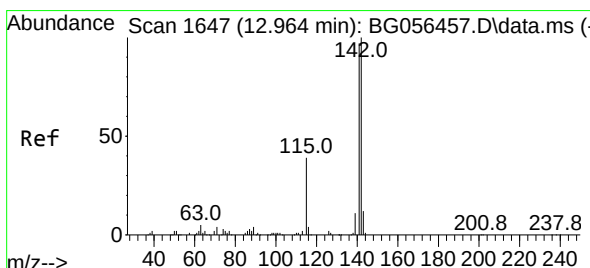
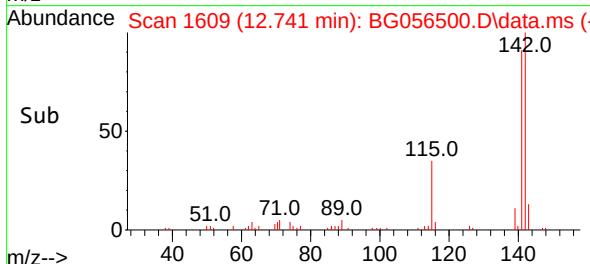
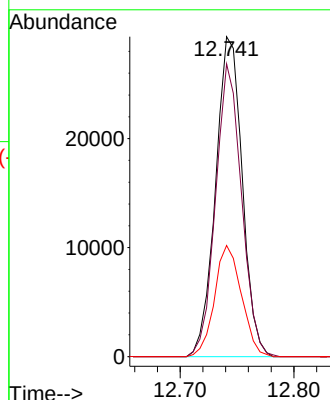
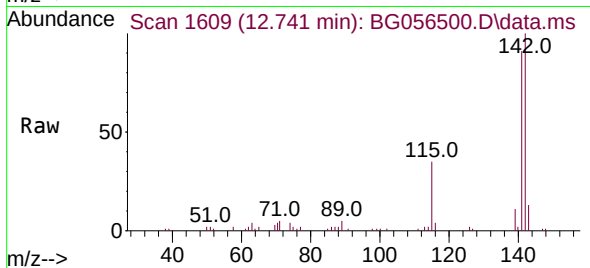
LOQ-WATER-02-QT4-2022

Tgt Ion:142	Resp:	47815
Ion Ratio	Lower	Upper
142	100	
141	91.5	71.4 107.0
115	34.7	28.4 42.6

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 8.880 ng

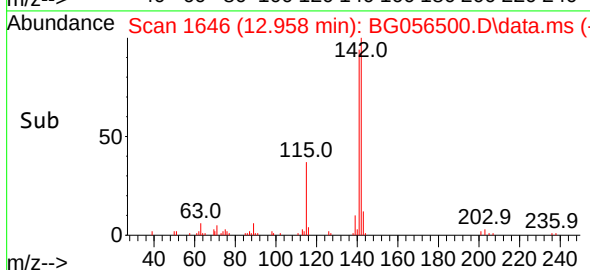
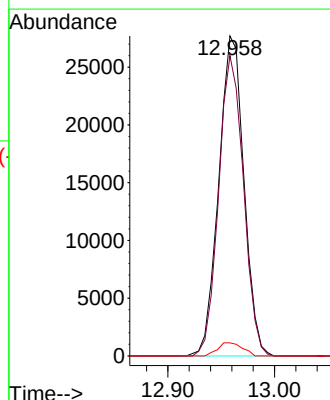
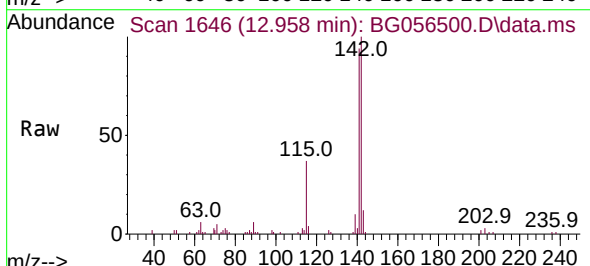
RT: 12.958 min Scan# 1646

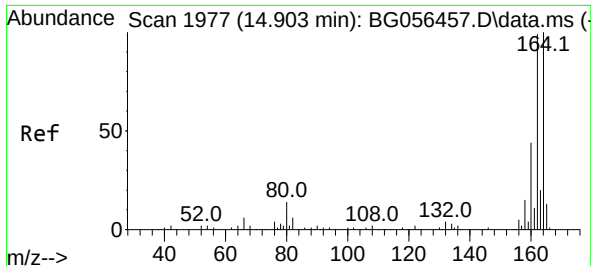
Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:142	Resp:	45445
Ion Ratio	Lower	Upper
142	100	
141	93.9	77.7 116.5
116	4.1	3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.897 min Scan# 1977

Delta R.T. 0.000 min

Lab File: BG056500.D

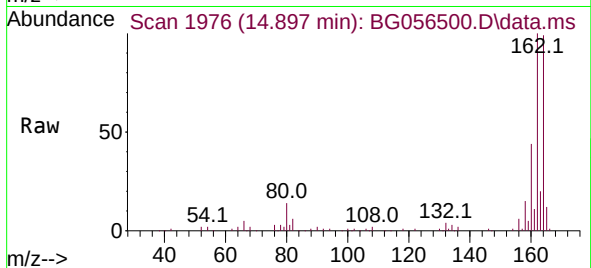
Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:164 Resp: 104098

Ion Ratio Lower Upper

164 100

162 100.6 79.6 119.4

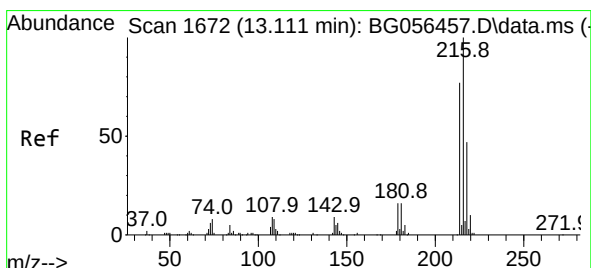
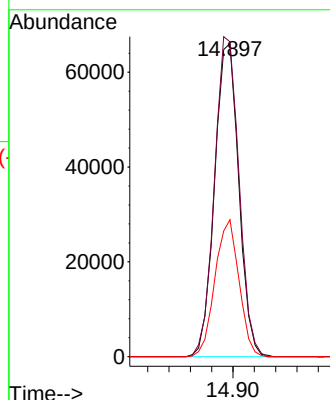
160 43.8 34.9 52.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.527 ng

RT: 13.105 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:216 Resp: 36231

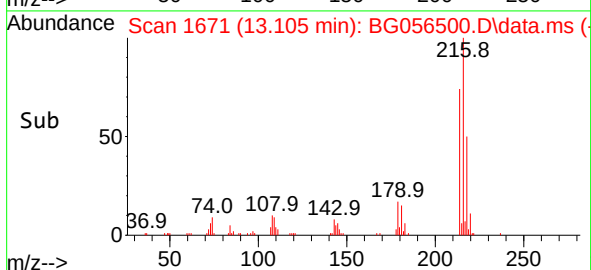
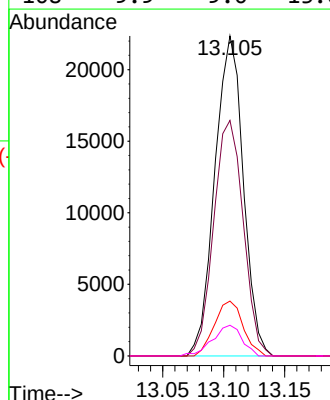
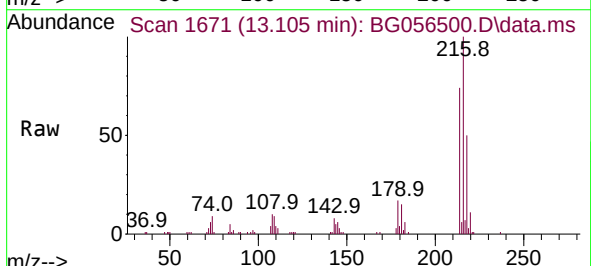
Ion Ratio Lower Upper

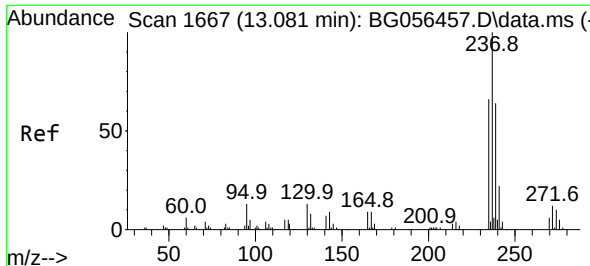
216 100

214 76.2 63.0 94.6

179 17.2 14.1 21.1

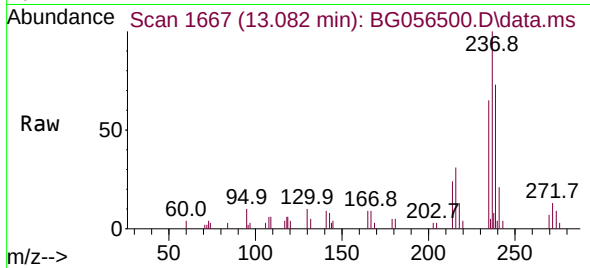
108 9.9 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 11.540 ng
RT: 13.082 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

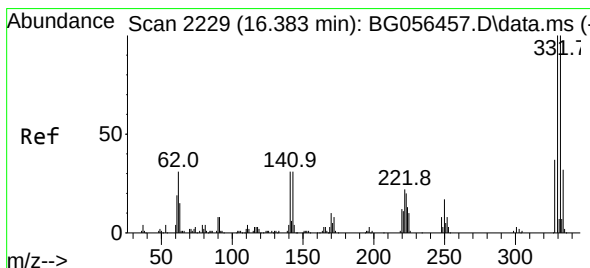
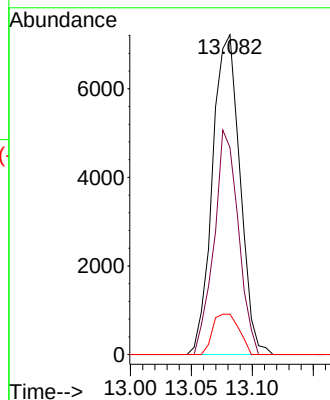
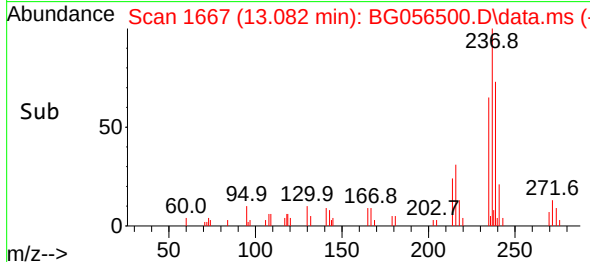
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



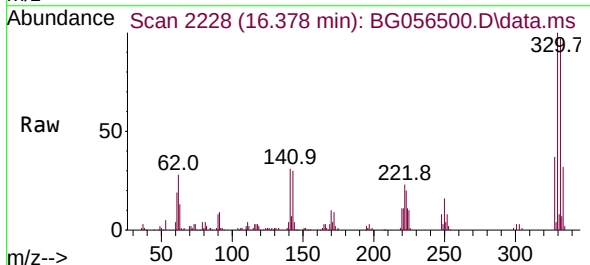
Tgt Ion:237 Resp: 11321
Ion Ratio Lower Upper
237 100
235 64.7 45.6 85.6
272 12.6 0.0 32.3

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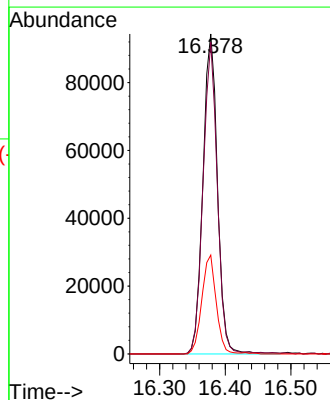
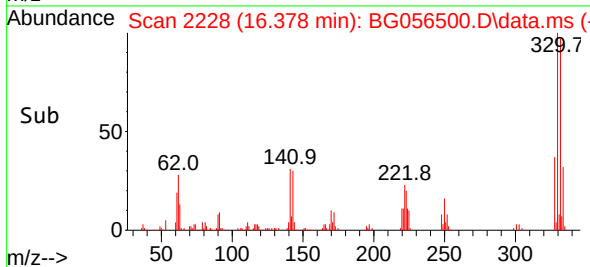
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

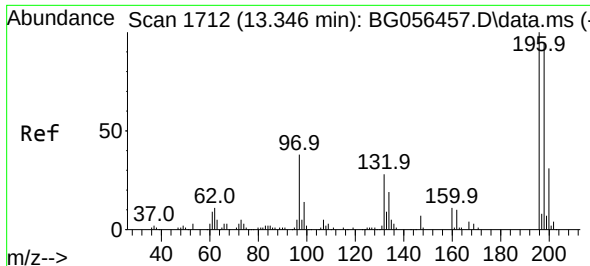


#42
2,4,6-Tribromophenol
Concen: 104.204 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



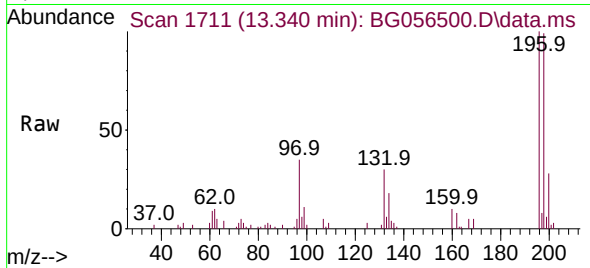
Tgt Ion:330 Resp: 144210
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.6
141 30.6 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 8.725 ng
RT: 13.340 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

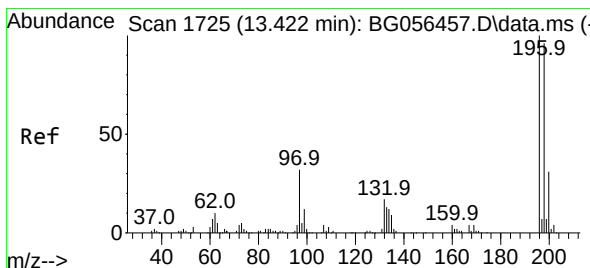
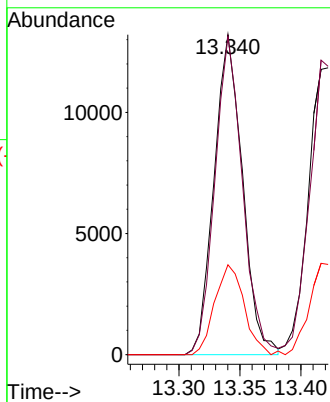
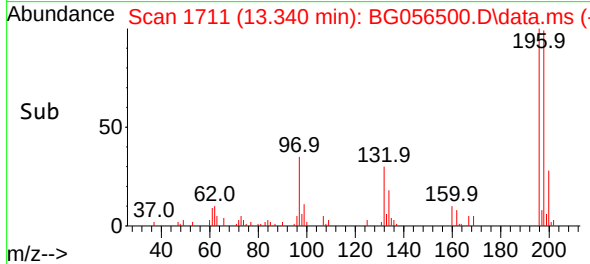
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



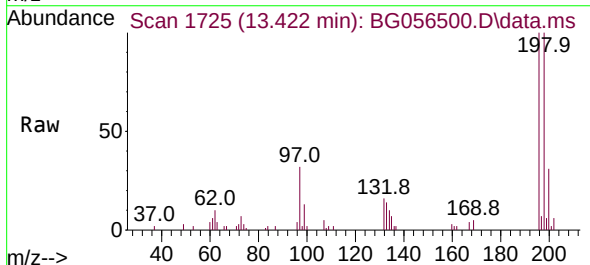
Tgt Ion:196 Resp: 21383
Ion Ratio Lower Upper
196 100
198 99.4 75.4 113.0
200 28.1 25.0 37.6

Manual Integrations
APPROVED

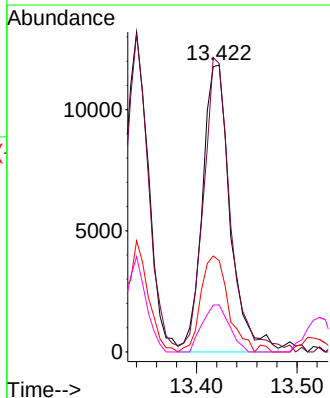
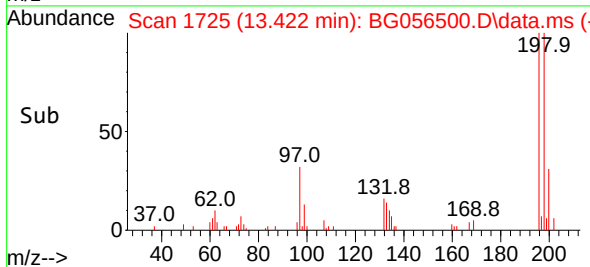
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

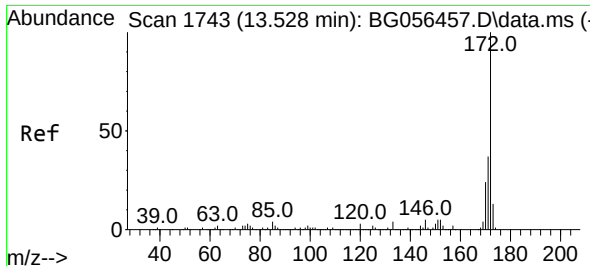


#44
2,4,5-Trichlorophenol
Concen: 7.941 ng
RT: 13.422 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



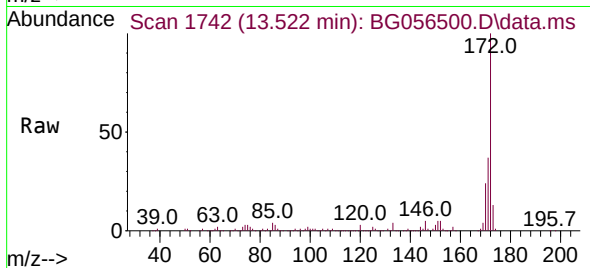
Tgt Ion:196 Resp: 22785
Ion Ratio Lower Upper
196 100
198 100.5 76.9 115.3
97 31.8 25.8 38.6
132 16.4 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 71.271 ng
RT: 13.522 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

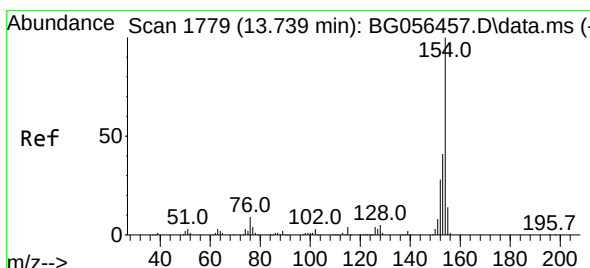
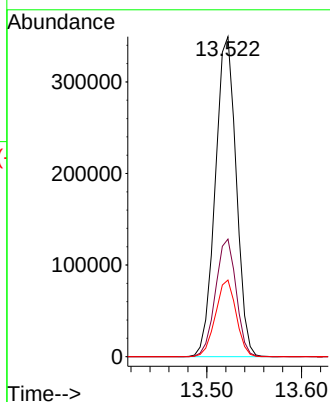
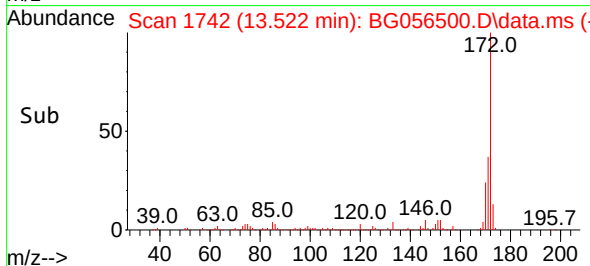
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



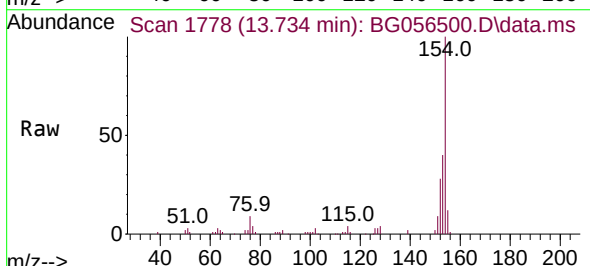
Tgt Ion:172 Resp: 535128
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 23.9 19.2 28.8

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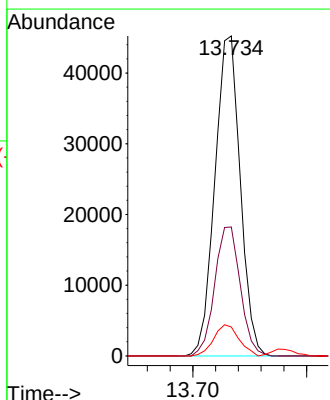
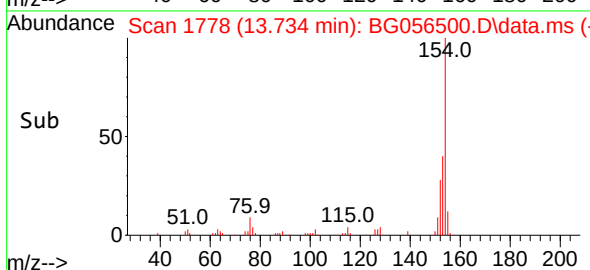
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

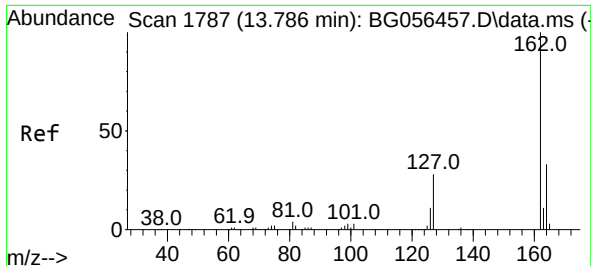


#46
1,1'-Biphenyl
Concen: 9.269 ng
RT: 13.734 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



Tgt Ion:154 Resp: 69984
Ion Ratio Lower Upper
154 100
153 40.3 21.5 61.5
76 9.0 0.0 28.8





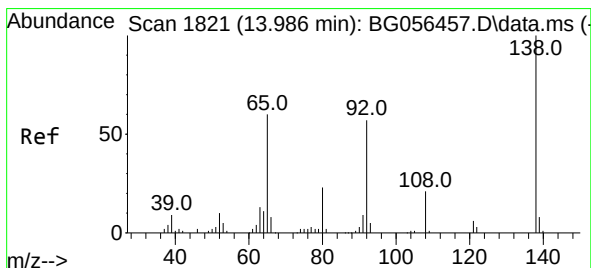
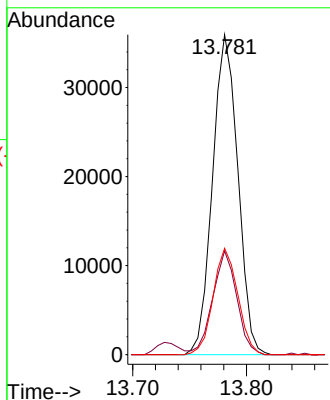
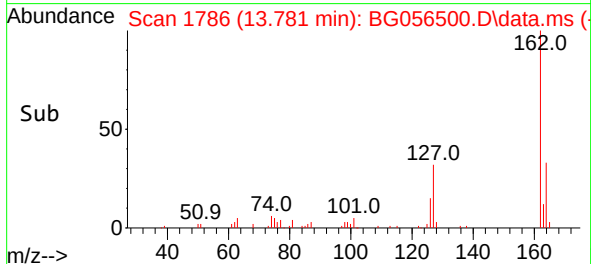
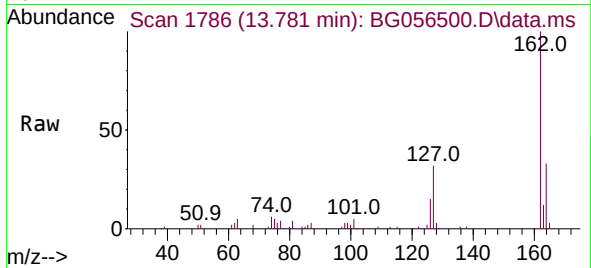
#47
2-Chloronaphthalene
Concen: 9.399 ng
RT: 13.781 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion:162 Resp: 5547
Ion Ratio Lower Upper
162 100
127 32.4 25.2 37.8
164 33.3 26.2 39.2

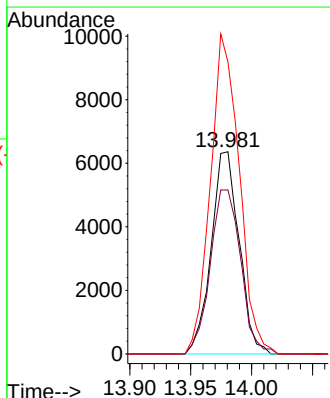
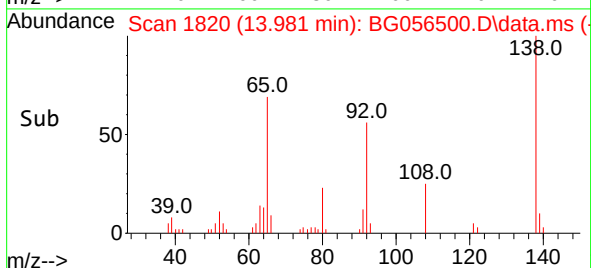
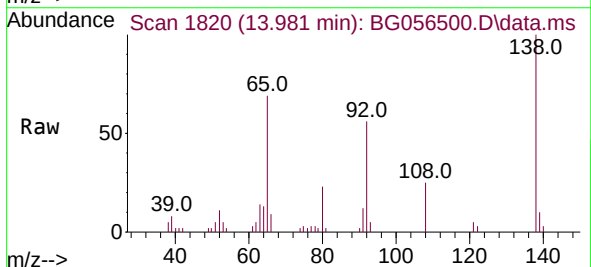
Manual Integrations
APPROVED

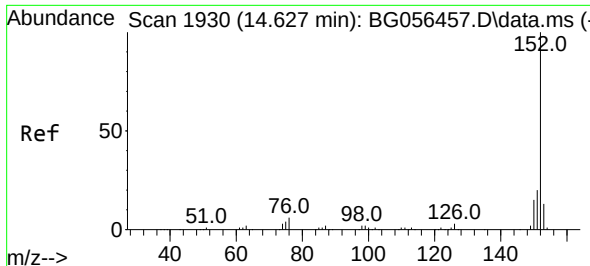
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#48
2-Nitroaniline
Concen: 8.328 ng
RT: 13.981 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

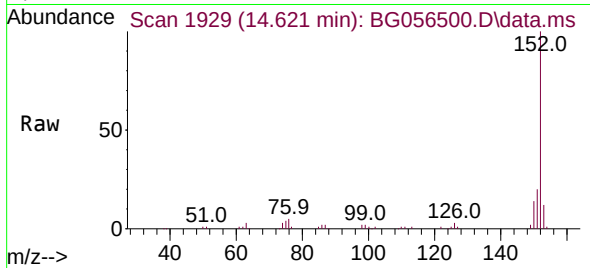
Tgt Ion: 65 Resp: 10160
Ion Ratio Lower Upper
65 100
92 81.1 75.8 113.6
138 144.4 133.2 199.8





#49
Acenaphthylene
Concen: 9.094 ng
RT: 14.621 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

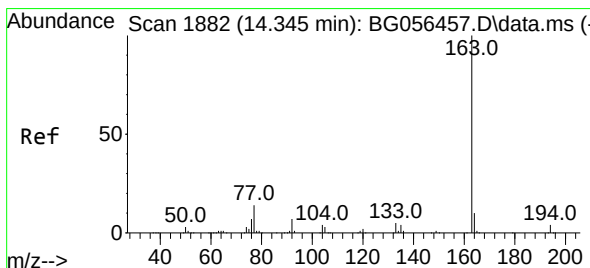
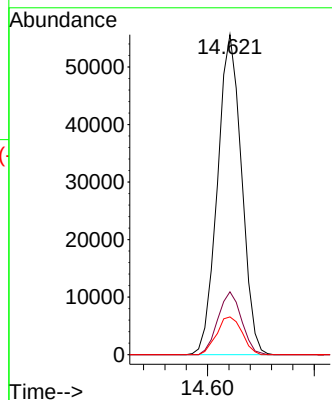
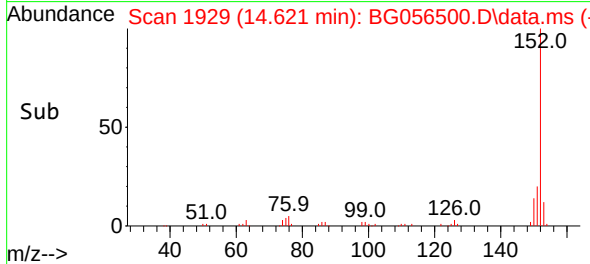
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



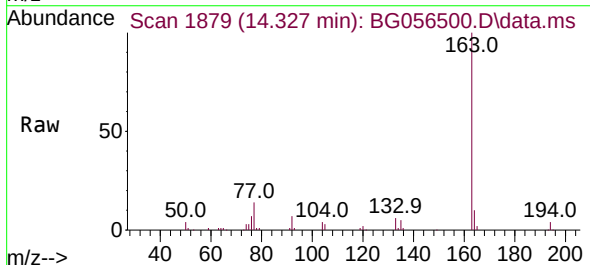
Tgt Ion:152 Resp: 87323
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 11.8 10.5 15.7

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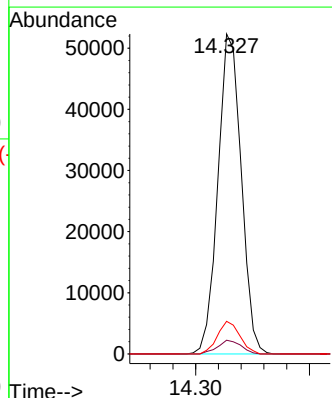
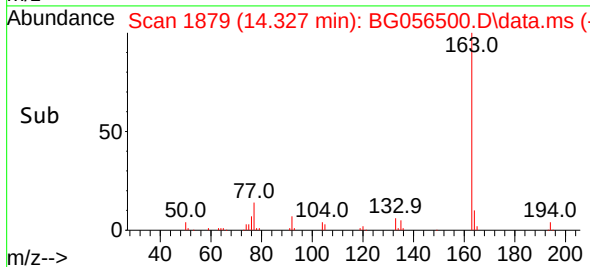
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

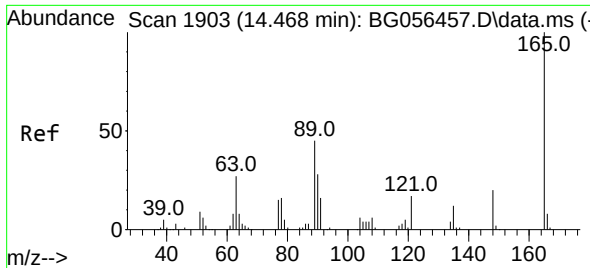


#50
Dimethylphthalate
Concen: 8.833 ng
RT: 14.327 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



Tgt Ion:163 Resp: 74389
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.1 12.1





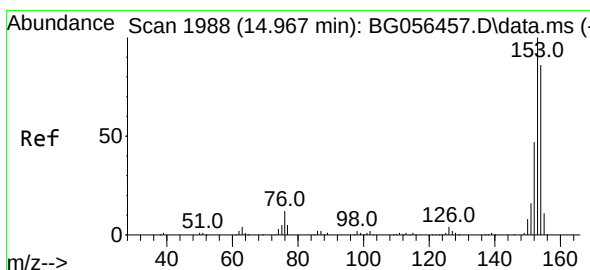
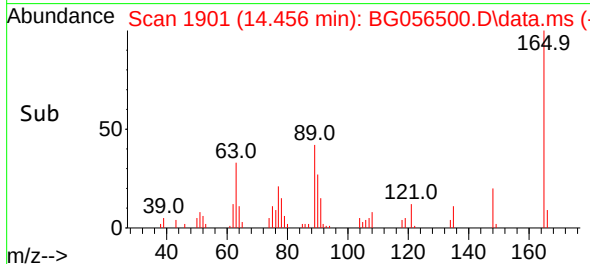
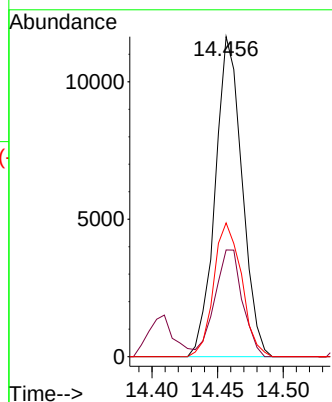
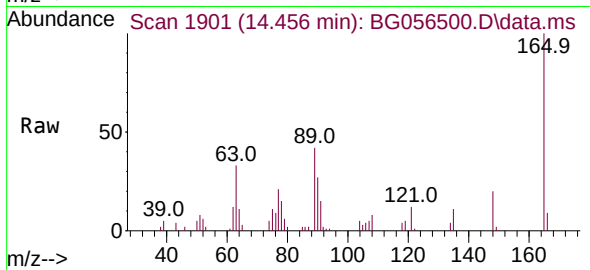
#51
2,6-Dinitrotoluene
Concen: 9.029 ng
RT: 14.456 min Scan# 1903
Delta R.T. -0.012 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:165 Resp: 16582
Ion Ratio Lower Upper
165 100
63 33.3 26.9 40.3
89 41.8 35.6 53.4

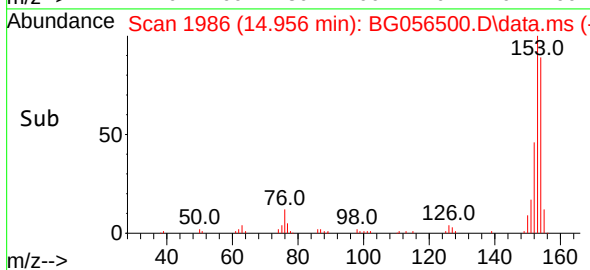
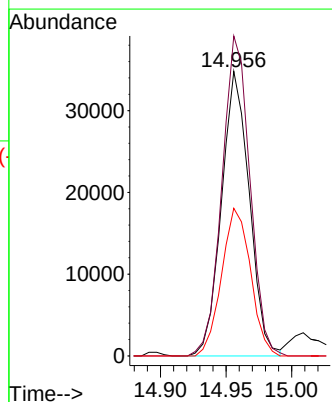
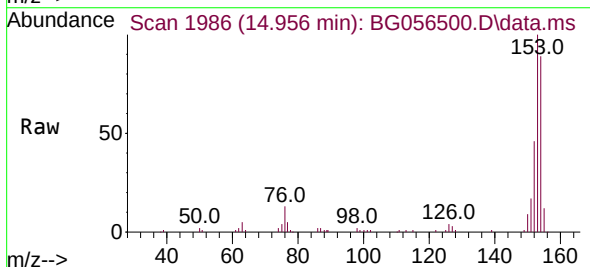
Manual Integrations
APPROVED

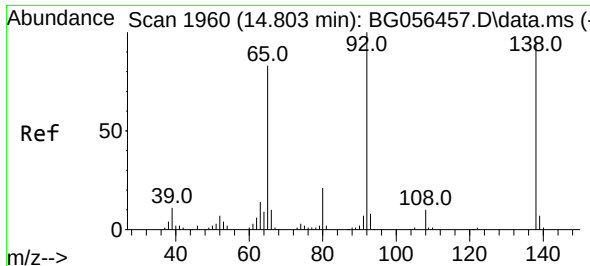
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#52
Acenaphthene
Concen: 9.010 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

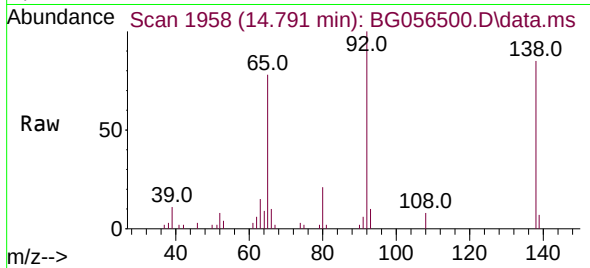
Tgt Ion:154 Resp: 51305
Ion Ratio Lower Upper
154 100
153 112.4 93.4 140.0
152 51.8 43.4 65.2





#53
3-Nitroaniline
Concen: 8.351 ng
RT: 14.791 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

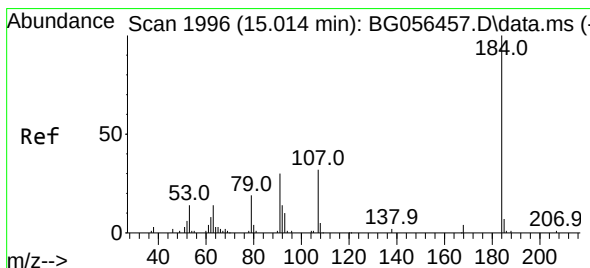
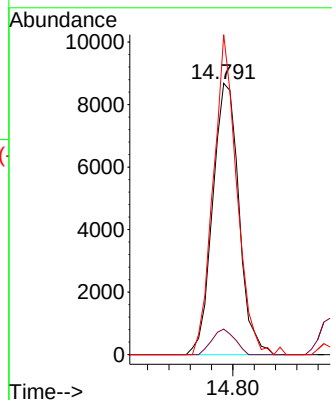
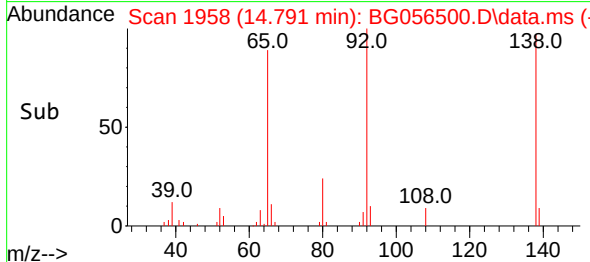
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



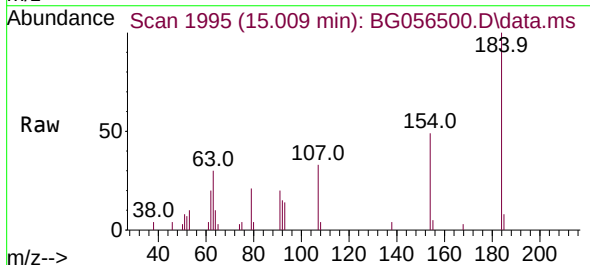
Tgt Ion:138 Resp: 14869
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 118.0 84.1 126.1

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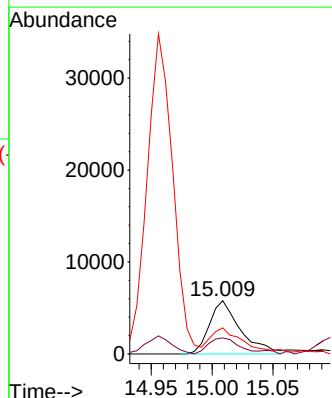
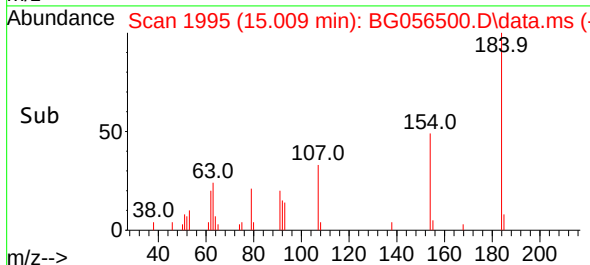
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

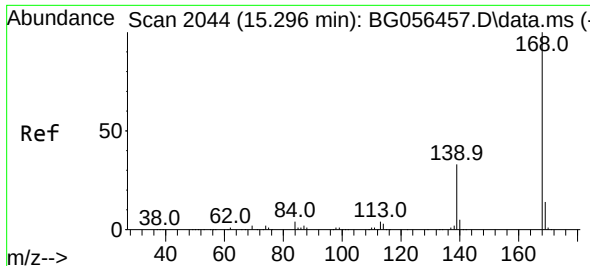


#54
2,4-Dinitrophenol
Concen: 8.839 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



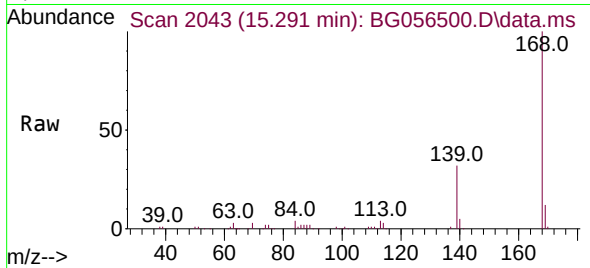
Tgt Ion:184 Resp: 10177
Ion Ratio Lower Upper
184 100
63 30.0 25.1 37.7
154 48.9 44.8 67.2





#55
Dibenzofuran
Concen: 9.085 ng
RT: 15.291 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

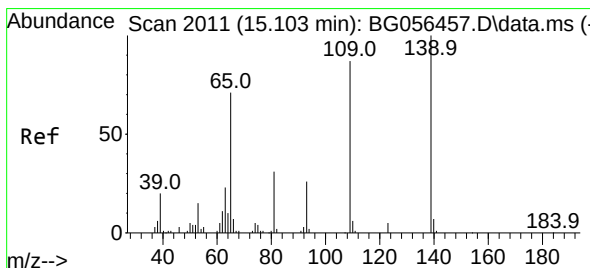
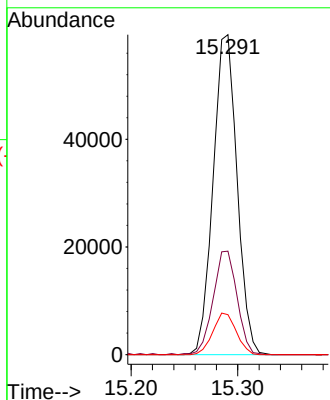
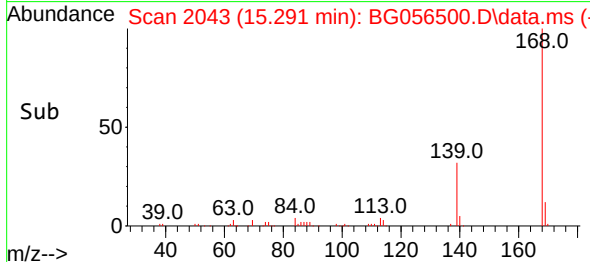
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 92776
Ion Ratio Lower Upper
168 100
139 32.3 26.2 39.2
169 12.5 11.0 16.6

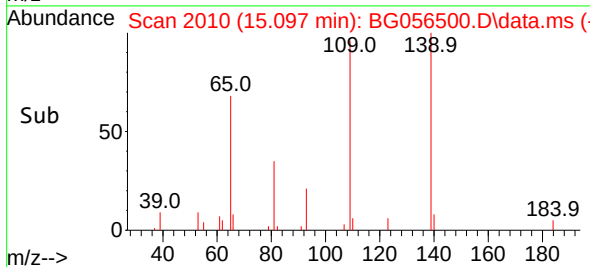
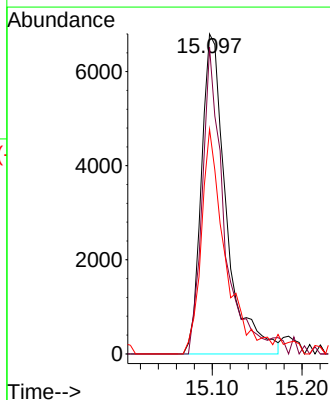
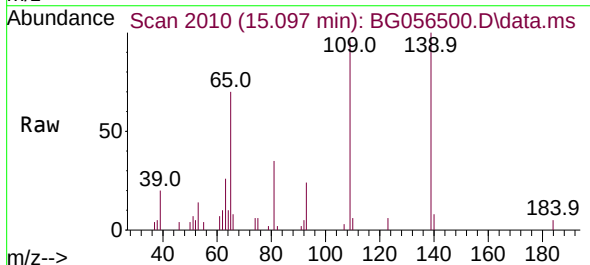
Manual Integrations
APPROVED

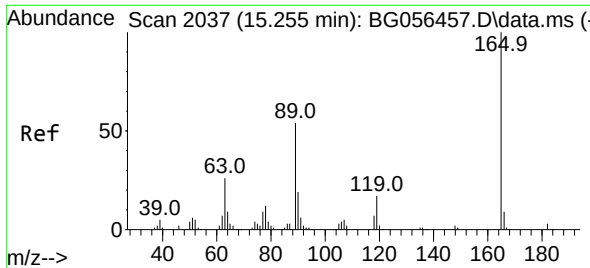
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#56
4-Nitrophenol
Concen: 10.790 ng
RT: 15.097 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

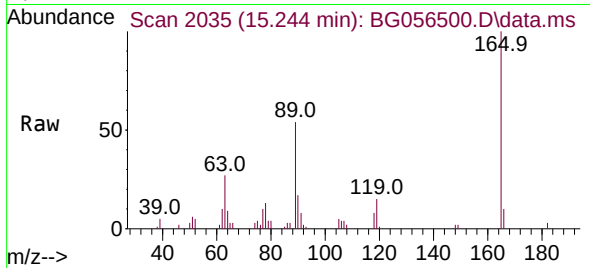
Tgt Ion:139 Resp: 13127
Ion Ratio Lower Upper
139 100
109 95.8 67.5 107.5
65 70.2 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 8.890 ng
RT: 15.244 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

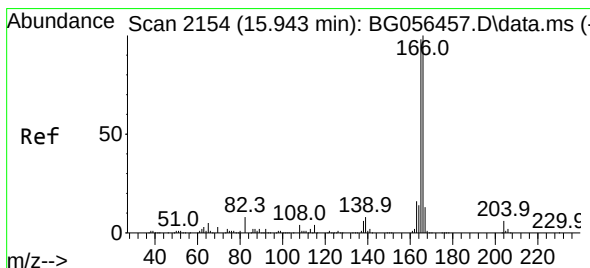
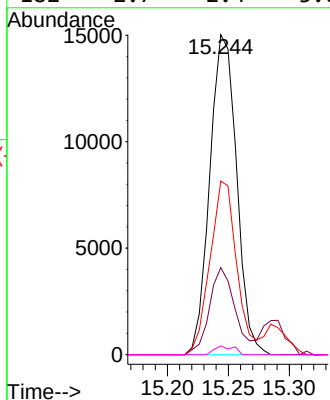
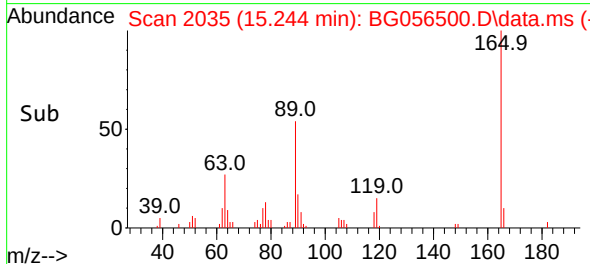
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2022



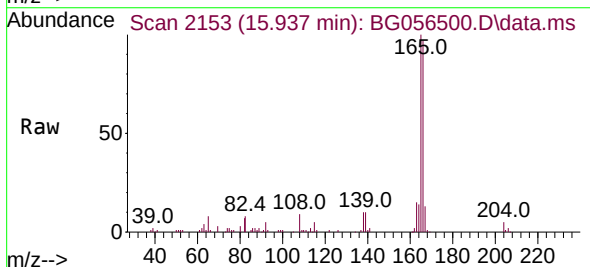
Tgt Ion:165 Resp: 22998
Ion Ratio Lower Upper
165 100
63 27.2 20.6 31.0
89 54.2 43.1 64.7
182 2.7 2.4 3.6

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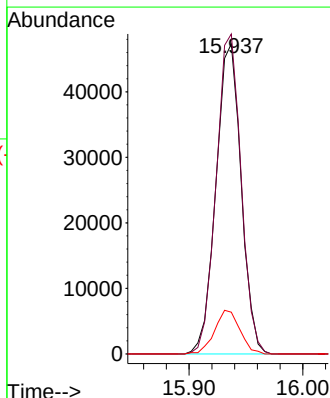
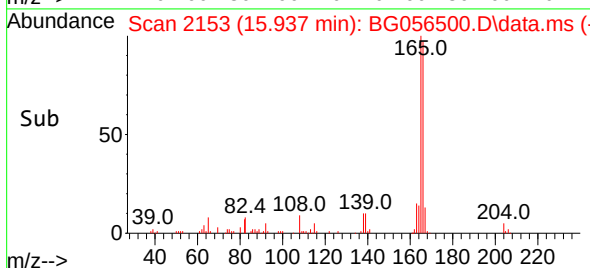
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

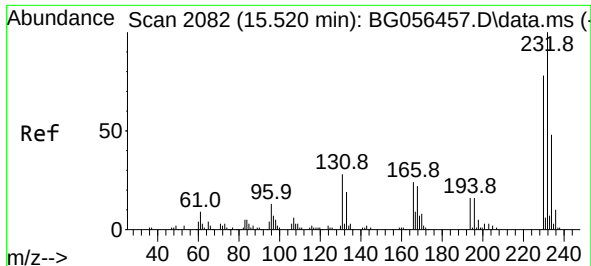


#58
Fluorene
Concen: 8.937 ng
RT: 15.937 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53



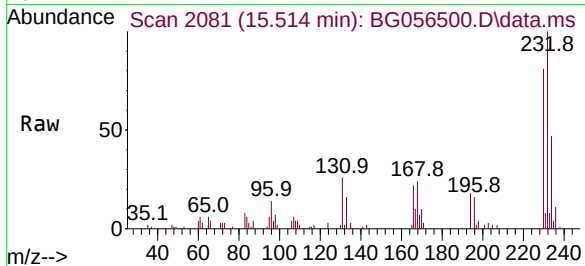
Tgt Ion:166 Resp: 72616
Ion Ratio Lower Upper
166 100
165 103.2 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.455 ng
RT: 15.514 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

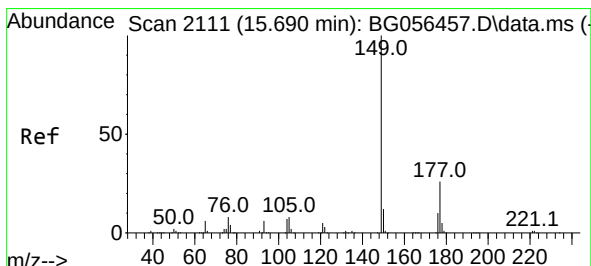
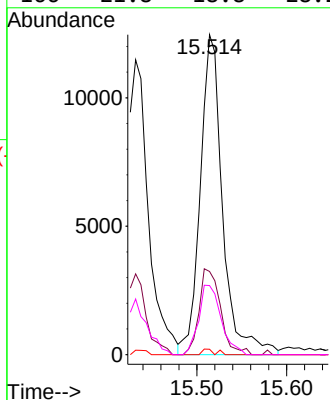
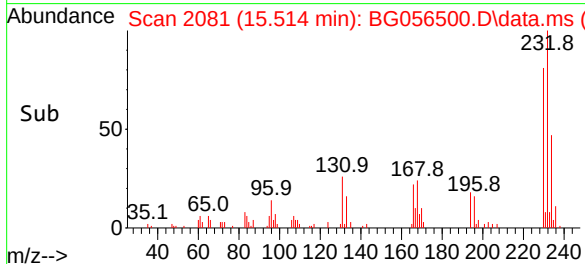
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 21570
Ion Ratio Lower Upper
232 100
131 25.6 22.8 34.2
130 1.0 1.4 2.0
166 21.8 18.8 28.2

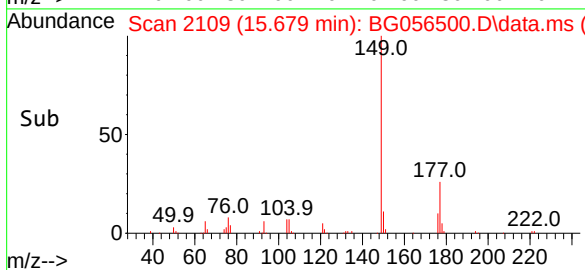
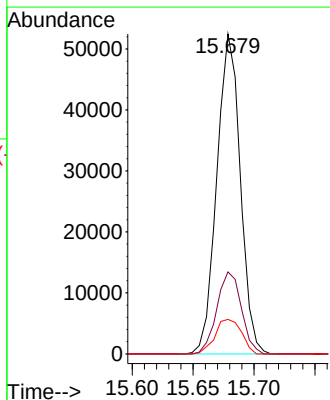
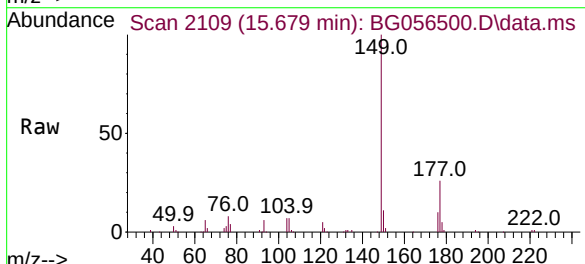
Manual Integrations
APPROVED

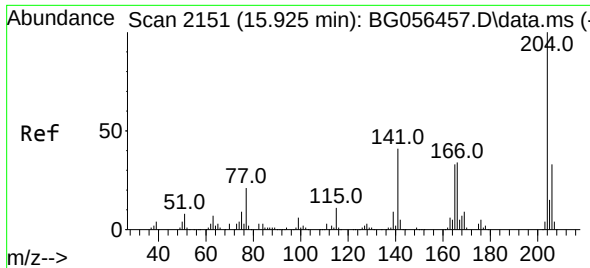
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#60
Diethylphthalate
Concen: 8.858 ng
RT: 15.679 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:149 Resp: 70048
Ion Ratio Lower Upper
149 100
177 25.6 21.0 31.4
150 10.8 9.9 14.9





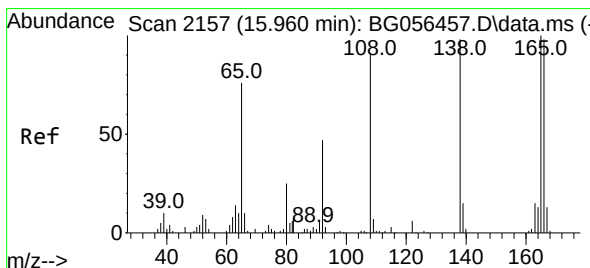
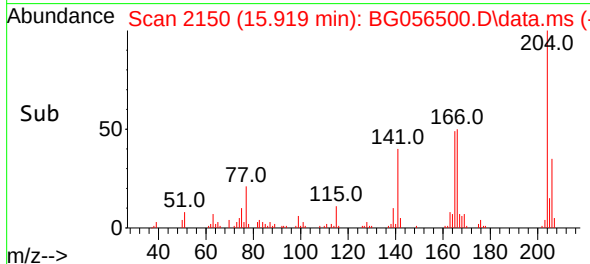
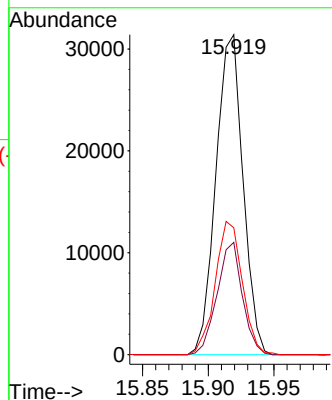
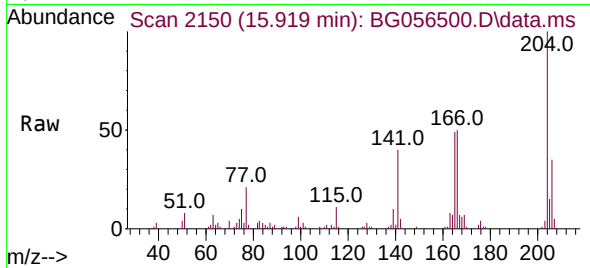
#61
4-Chlorophenyl-phenylether
Concen: 9.106 ng
RT: 15.919 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:204 Resp: 45149
Ion Ratio Lower Upper
204 100
206 35.1 26.2 39.4
141 39.6 32.7 49.1

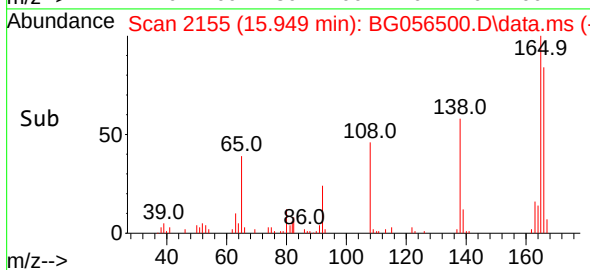
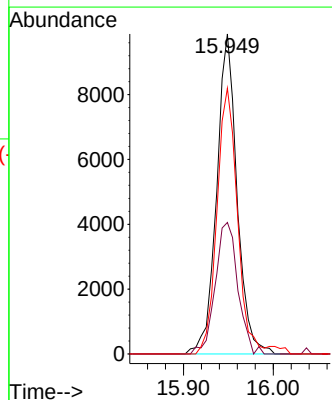
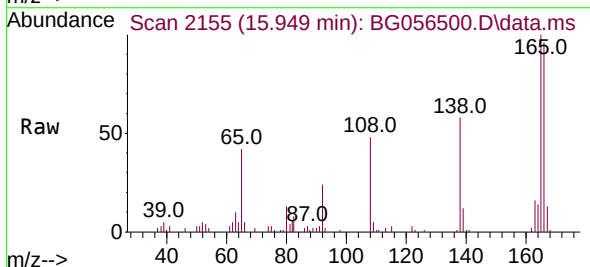
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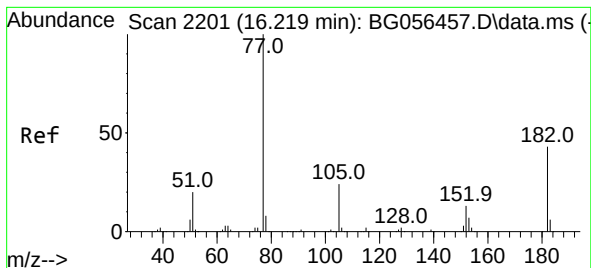
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#62
4-Nitroaniline
Concen: 8.773 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:138 Resp: 15630
Ion Ratio Lower Upper
138 100
92 41.1 27.8 67.8
108 83.0 72.6 112.6





#63

Azobenzene

Concen: 9.078 ng

RT: 16.207 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

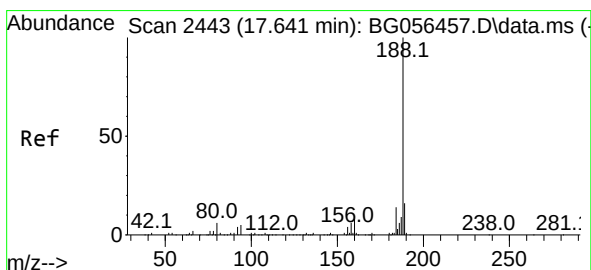
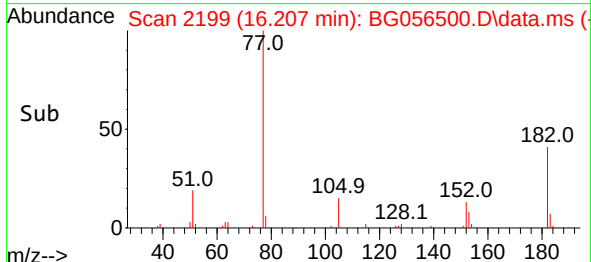
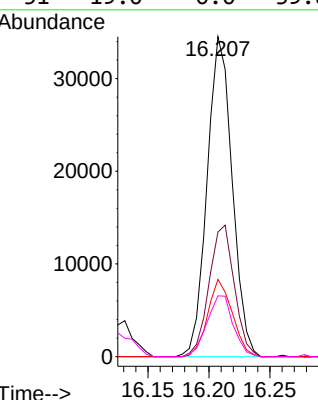
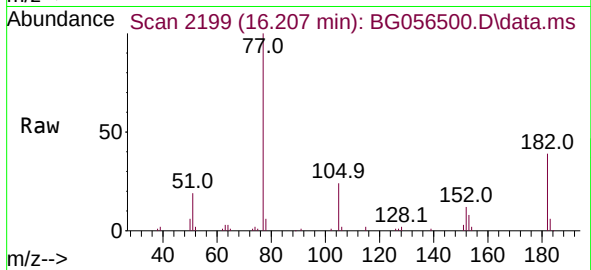
LOQ-WATER-02-QT4-2022

Tgt Ion: 77	Resp: 4939
Ion Ratio	Lower Upper
77 100	
182 38.9	23.1 63.1
105 24.1	4.2 44.2
51 19.0	0.0 39.8

Manual Integrations

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



#64

Phenanthrene-d10

Concen: 20.000 ng

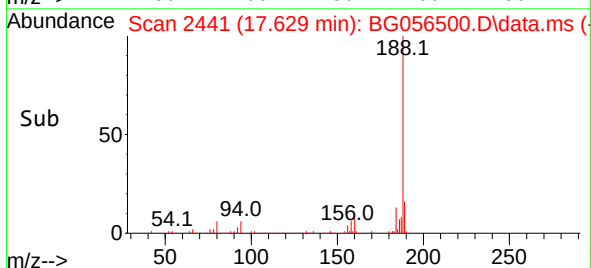
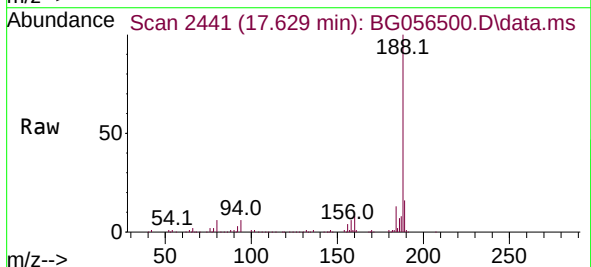
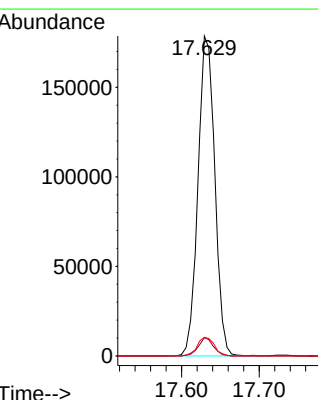
RT: 17.629 min Scan# 2441

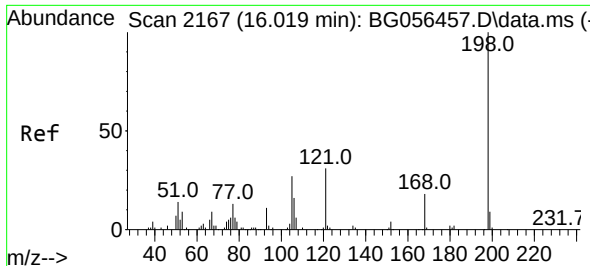
Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:188	Resp: 269204
Ion Ratio	Lower Upper
188 100	
94 5.7	4.1 6.1
80 5.8	5.0 7.4





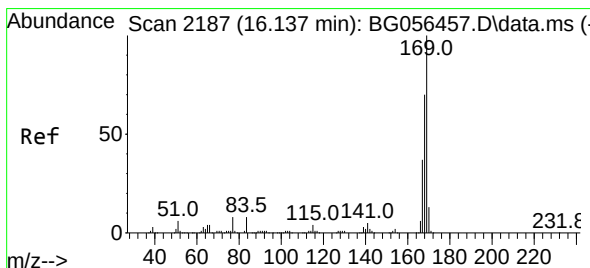
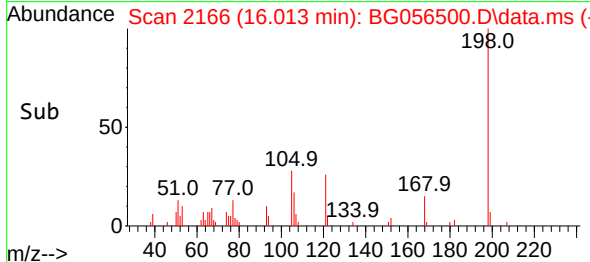
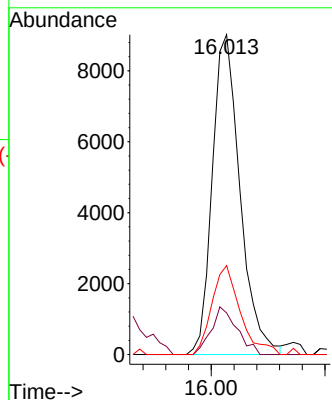
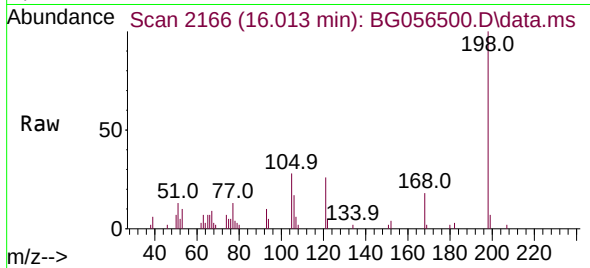
#65
4,6-Dinitro-2-methylphenol
Concen: 8.081 ng
RT: 16.013 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:198 Resp: 15294
Ion Ratio Lower Upper
198 100
51 13.0 0.0 35.0
105 27.8 7.4 47.4

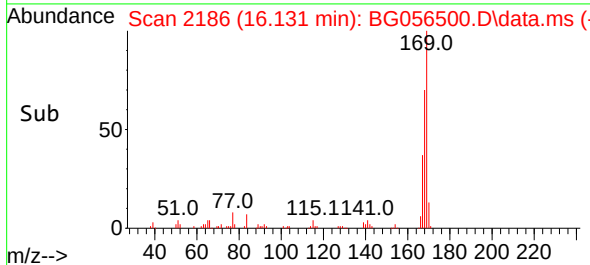
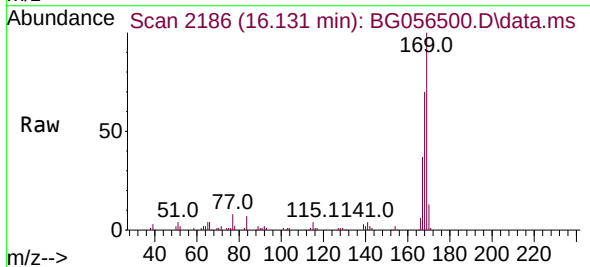
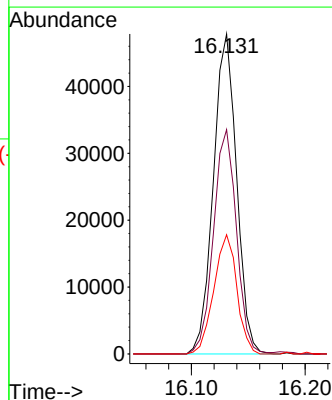
Manual Integrations
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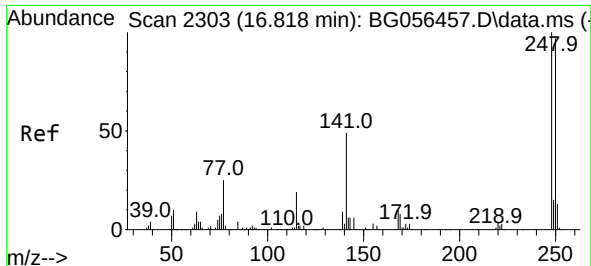
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#66
n-Nitrosodiphenylamine
Concen: 8.901 ng
RT: 16.131 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:169 Resp: 67842
Ion Ratio Lower Upper
169 100
168 70.1 55.8 83.6
167 37.2 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 8.796 ng

RT: 16.813 min Scan# 2303

Delta R.T. 0.000 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

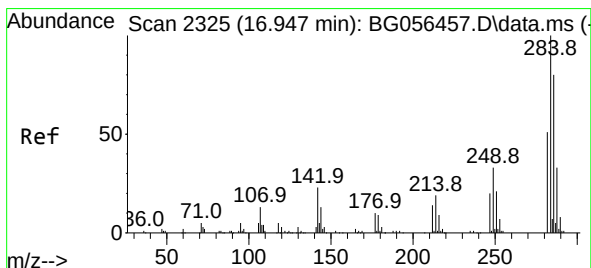
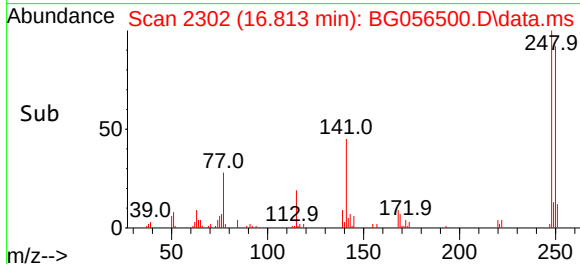
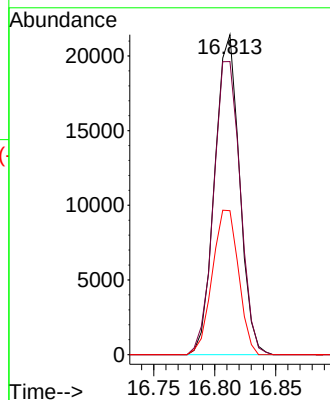
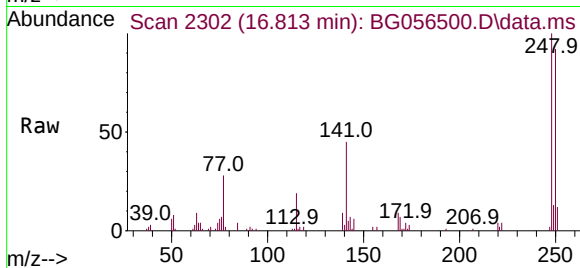
LOQ-WATER-02-QT4-2022

Tgt Ion:248 Resp: 30313
 Ion Ratio Lower Upper
 248 100
 250 91.6 77.6 116.4
 141 45.0 39.0 58.4

Manual Integrations

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



#68

Hexachlorobenzene

Concen: 9.410 ng

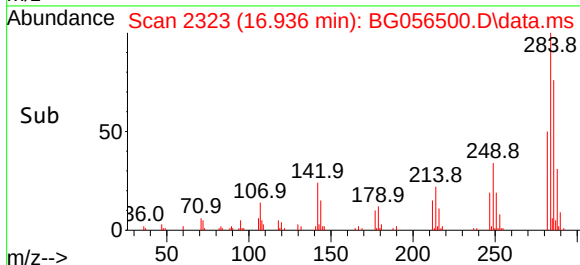
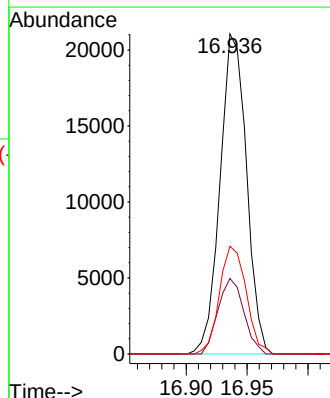
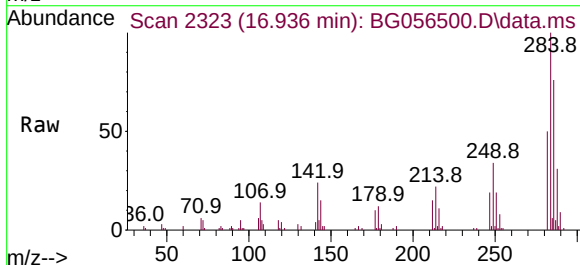
RT: 16.936 min Scan# 2323

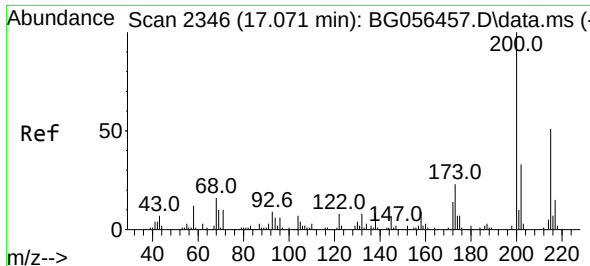
Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

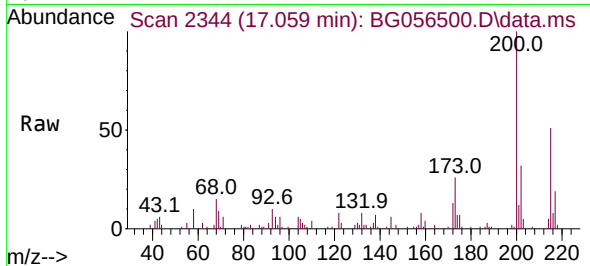
Tgt Ion:284 Resp: 31762
 Ion Ratio Lower Upper
 284 100
 142 28.2 18.0 27.0#
 249 33.6 26.7 40.1





#69
 Atrazine
 Concen: 9.796 ng
 RT: 17.059 min Scan# 2344
 Delta R.T. -0.012 min
 Lab File: BG056500.D
 Acq: 1 Feb 2023 14:53

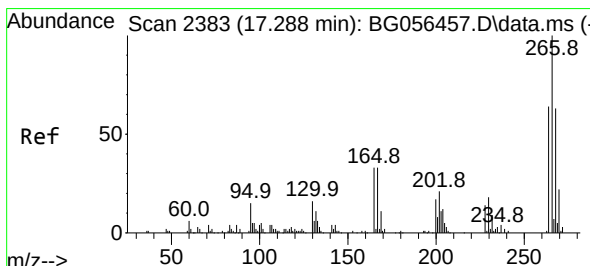
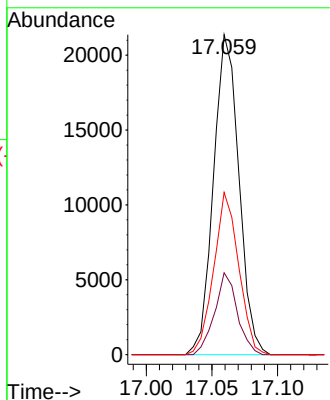
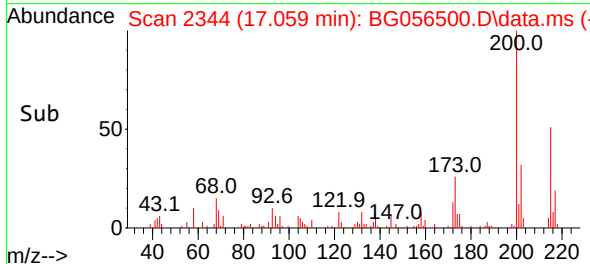
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



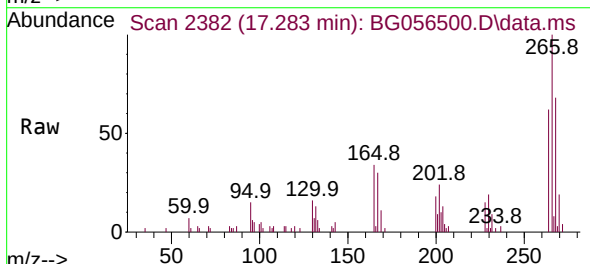
Tgt Ion:200 Resp: 28806
 Ion Ratio Lower Upper
 200 100
 173 25.6 3.2 43.2
 215 50.7 30.7 70.7

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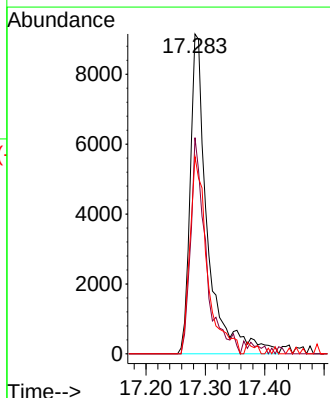
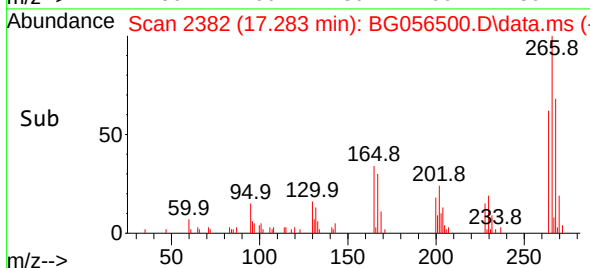
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023

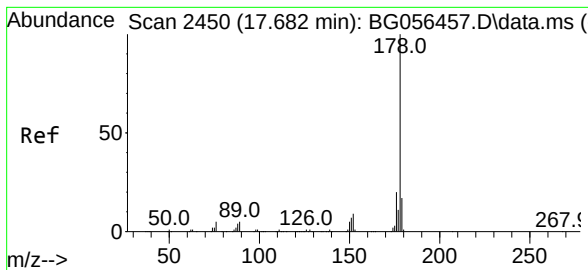


#70
 Pentachlorophenol
 Concen: 9.111 ng m
 RT: 17.283 min Scan# 2382
 Delta R.T. 0.000 min
 Lab File: BG056500.D
 Acq: 1 Feb 2023 14:53



Tgt Ion:266 Resp: 18609
 Ion Ratio Lower Upper
 266 100
 268 67.6 50.2 75.4
 264 61.6 51.4 77.0





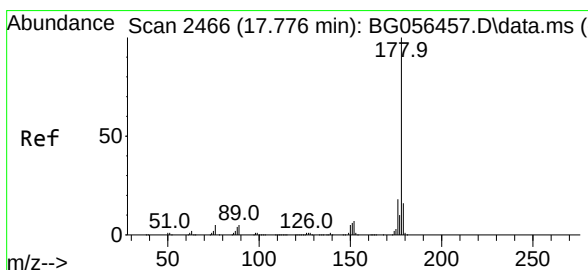
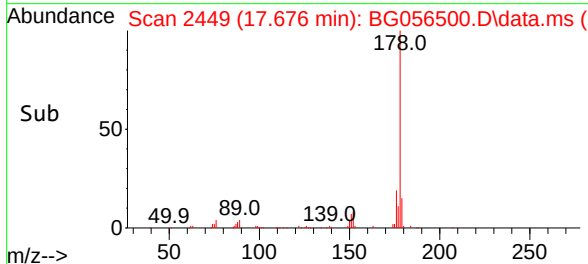
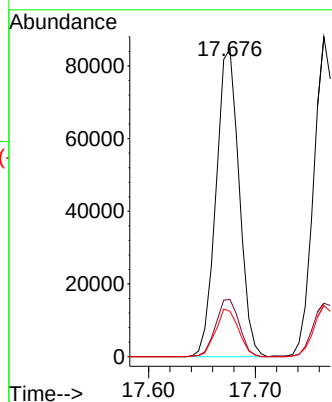
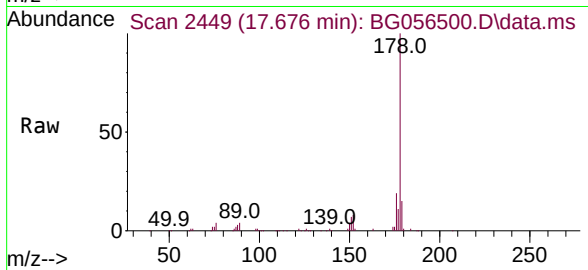
#71
Phenanthrene
Concen: 9.040 ng
RT: 17.676 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:178 Resp: 12737
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 14.8 13.3 19.9

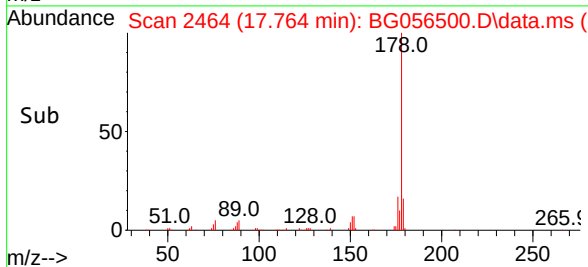
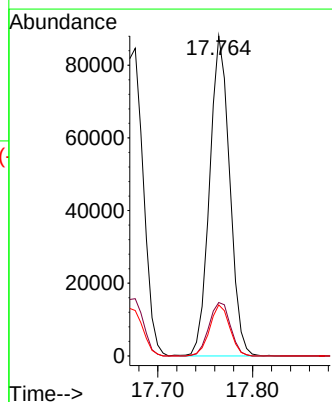
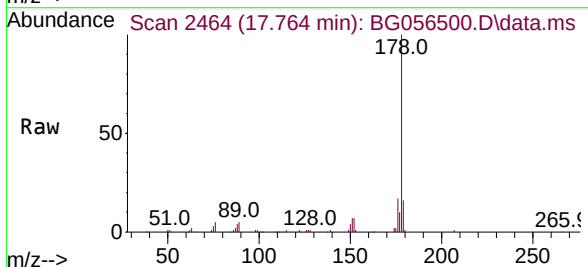
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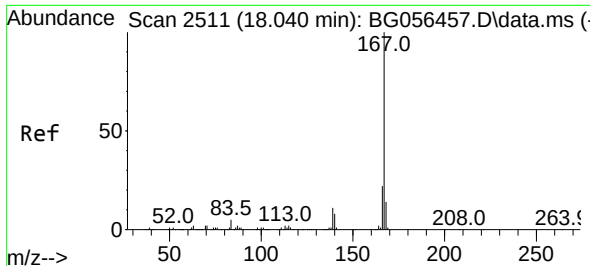
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#72
Anthracene
Concen: 8.954 ng
RT: 17.764 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

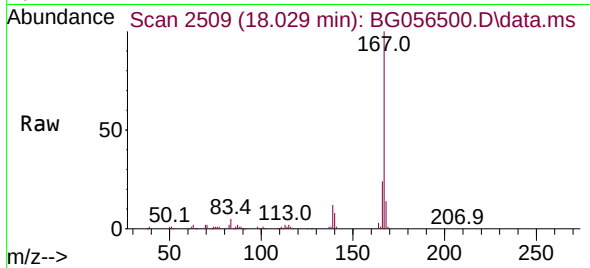
Tgt Ion:178 Resp: 129499
Ion Ratio Lower Upper
178 100
176 16.7 14.5 21.7
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 9.038 ng
 RT: 18.029 min Scan# 2509
 Delta R.T. -0.006 min
 Lab File: BG056500.D
 Acq: 1 Feb 2023 14:53

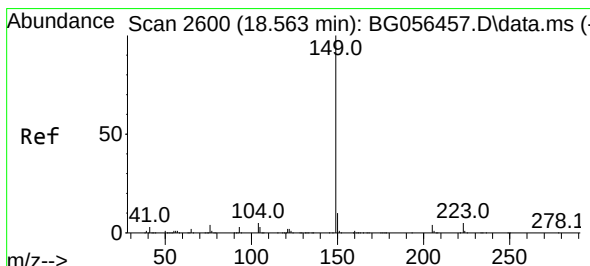
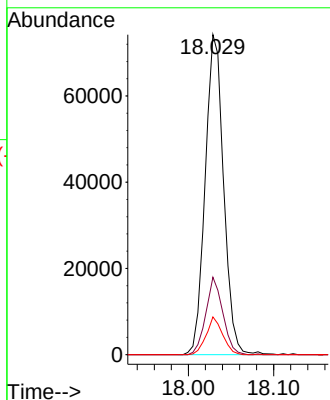
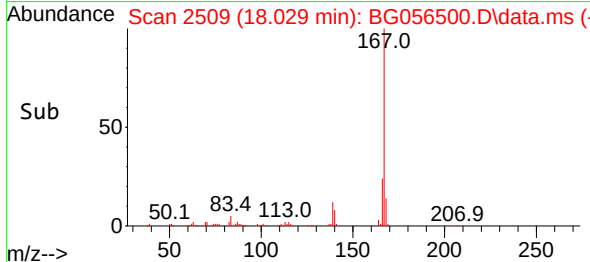
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



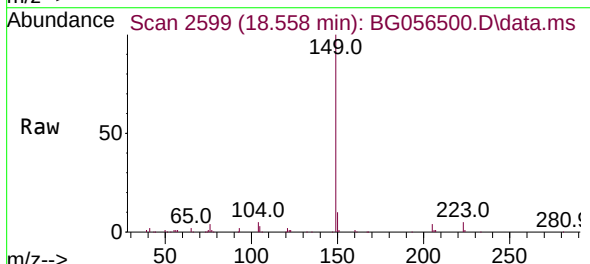
Tgt Ion:167 Resp: 111339
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.8 26.6
 139 11.8 8.9 13.3

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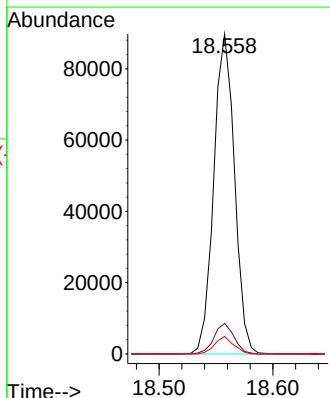
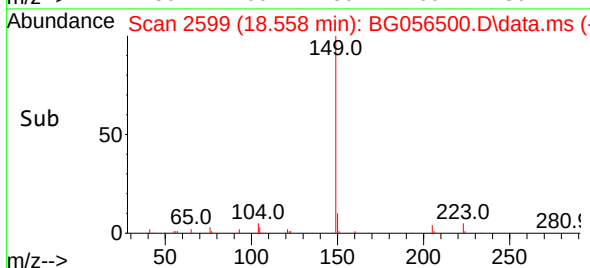
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023

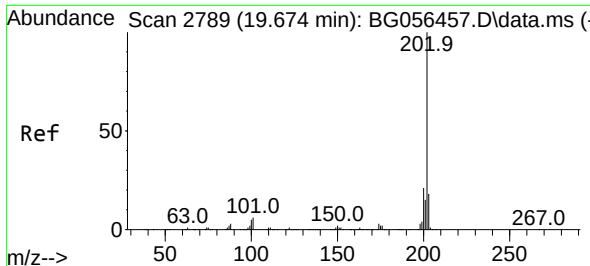


#74
 Di-n-butylphthalate
 Concen: 8.784 ng
 RT: 18.558 min Scan# 2599
 Delta R.T. -0.006 min
 Lab File: BG056500.D
 Acq: 1 Feb 2023 14:53



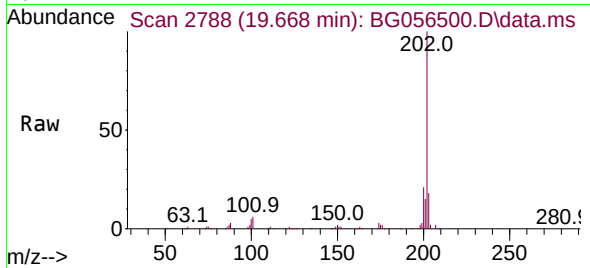
Tgt Ion:149 Resp: 113608
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.5 4.0 6.0





#75
Fluoranthene
Concen: 9.009 ng
RT: 19.668 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

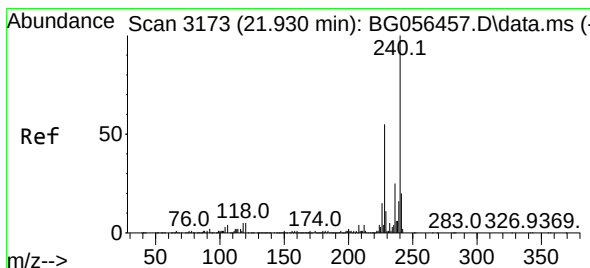
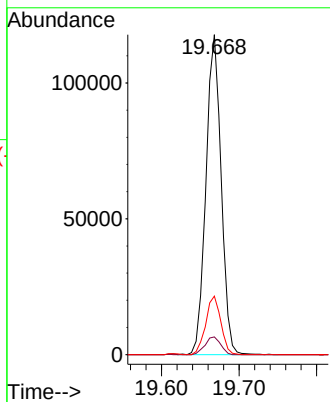
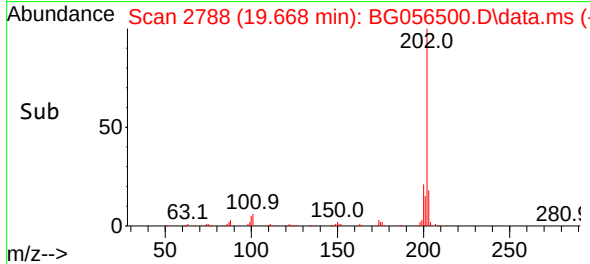
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:202 Resp: 160207
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.6
203 18.3 0.0 38.1

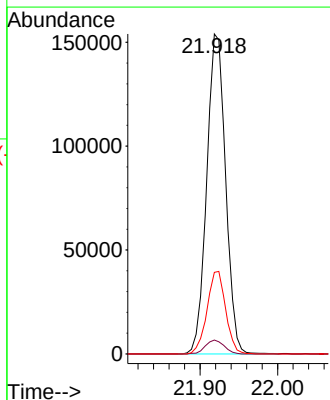
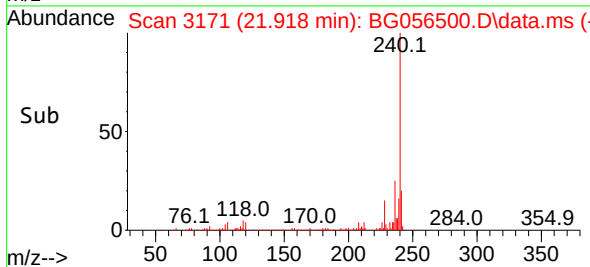
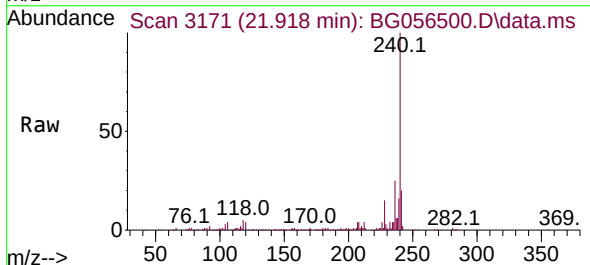
Manual Integrations
APPROVED

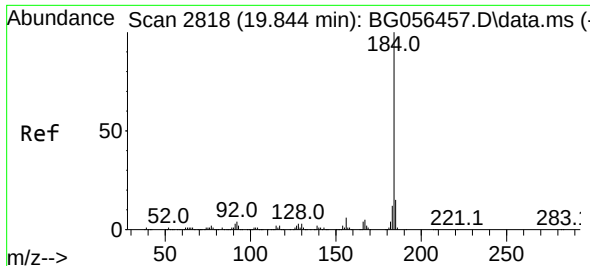
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:240 Resp: 260323
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.5 20.2 30.2





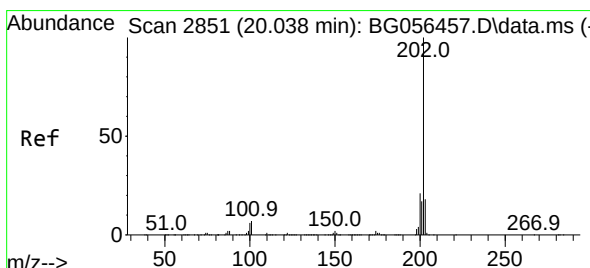
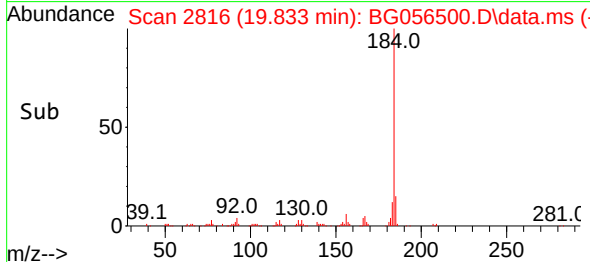
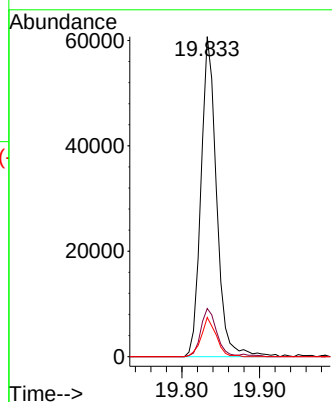
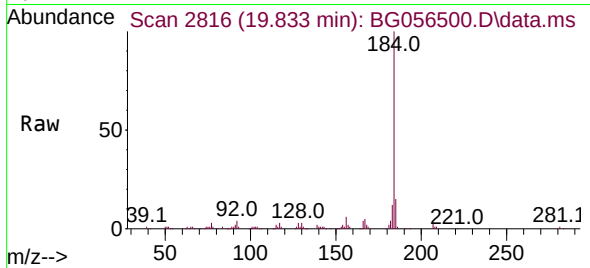
#77
Benzidine
Concen: 12.039 ng
RT: 19.833 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:184 Resp: 84813
Ion Ratio Lower Upper
184 100
185 15.0 12.3 18.5
183 12.2 9.8 14.8

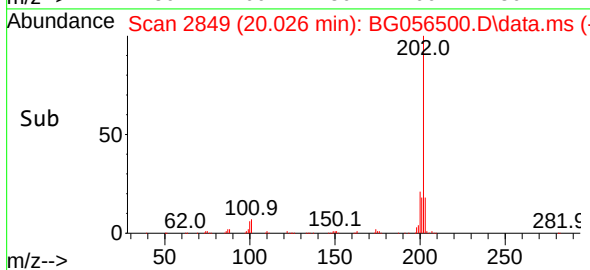
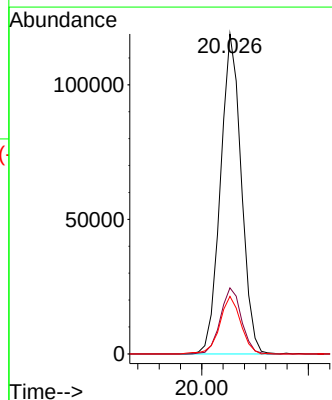
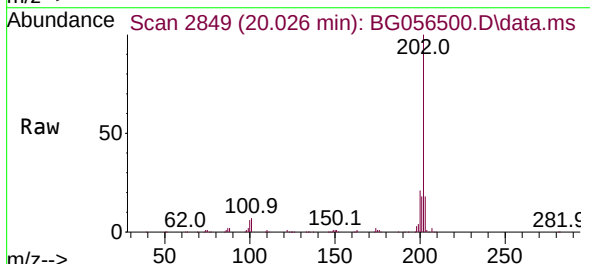
Manual Integrations
APPROVED

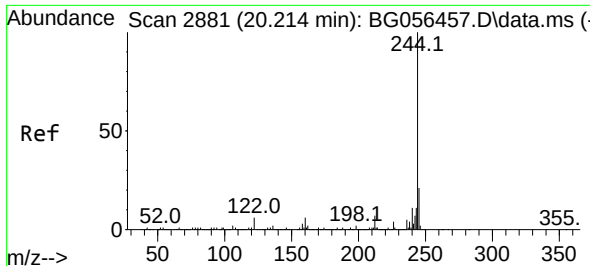
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#78
Pyrene
Concen: 8.714 ng
RT: 20.026 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

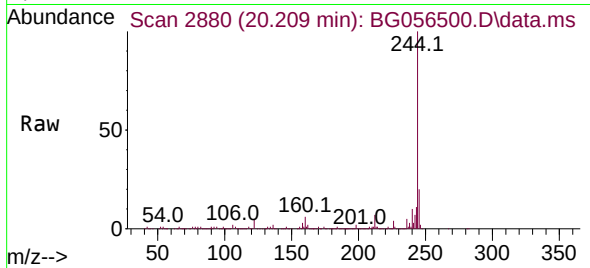
Tgt Ion:202 Resp: 161334
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 18.0 14.4 21.6





#79
Terphenyl-d14
Concen: 69.559 ng
RT: 20.209 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

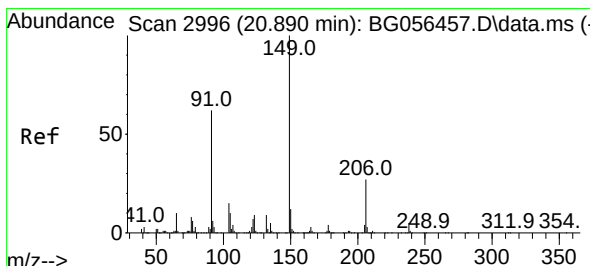
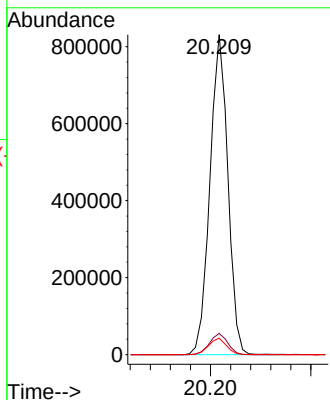
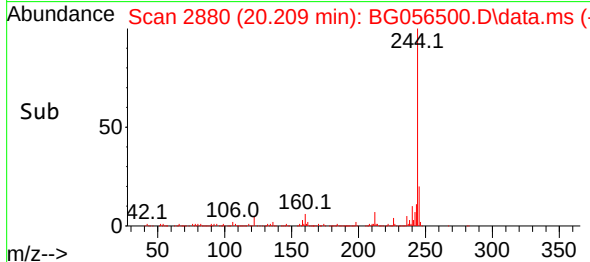
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:244 Resp: 1030977
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 5.1 4.4 6.6

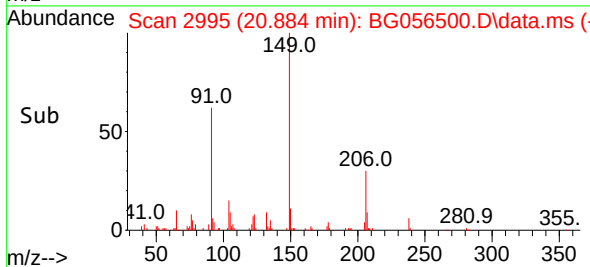
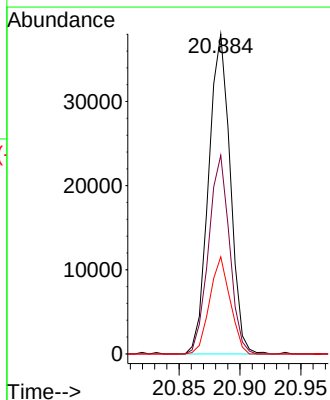
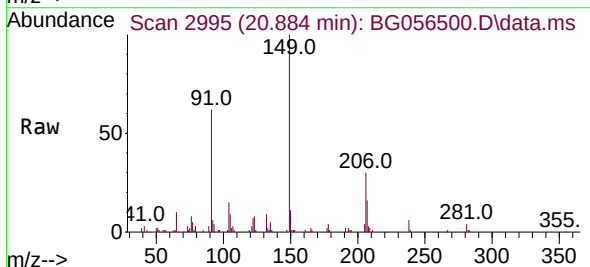
Manual Integrations
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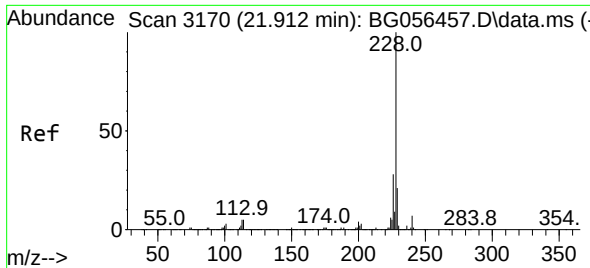
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#80
Butylbenzylphthalate
Concen: 8.281 ng
RT: 20.884 min Scan# 2995
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

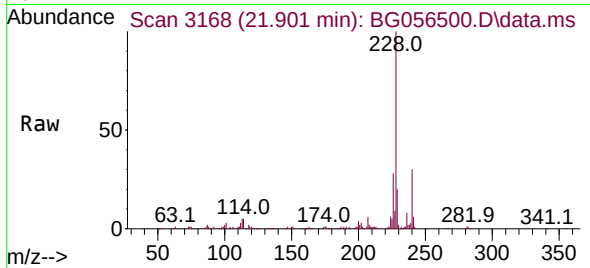
Tgt Ion:149 Resp: 46826
Ion Ratio Lower Upper
149 100
91 62.1 49.4 74.0
206 30.3 22.0 33.0





#81
Benzo(a)anthracene
Concen: 8.956 ng
RT: 21.901 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

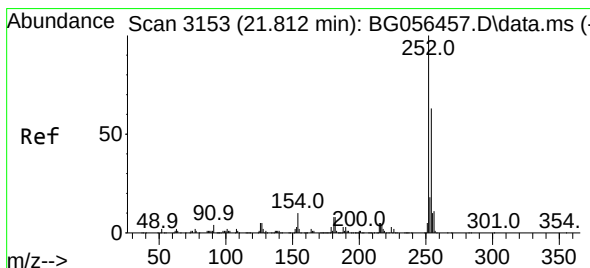
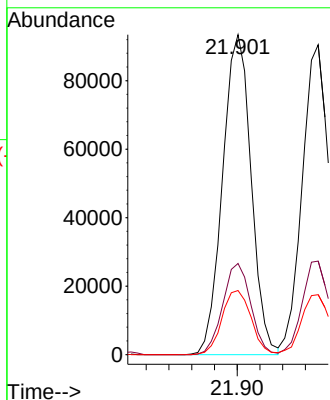
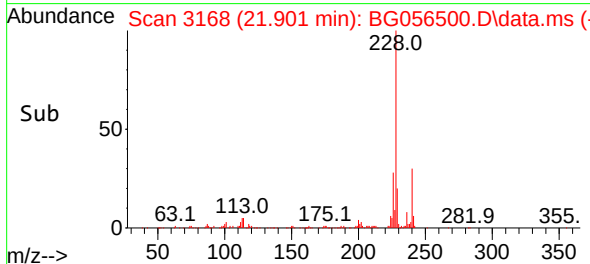
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 162986
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.0 16.5 24.7

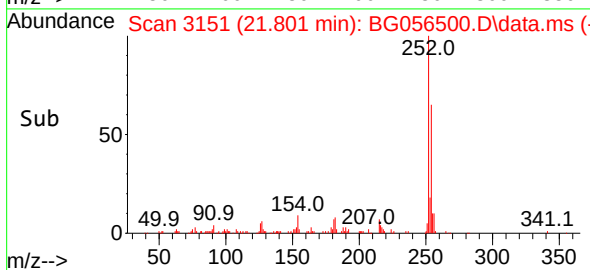
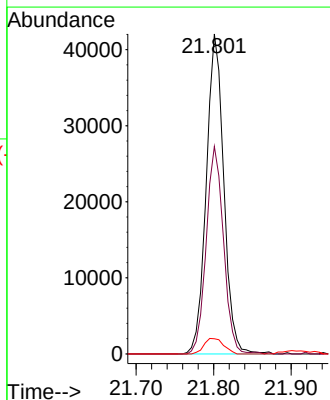
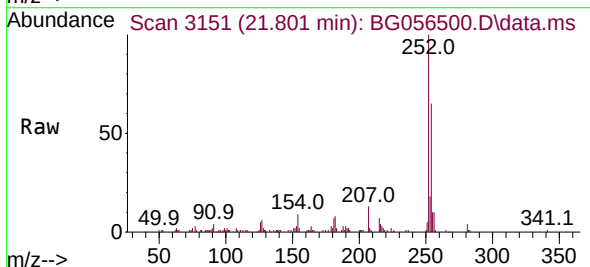
Manual Integrations
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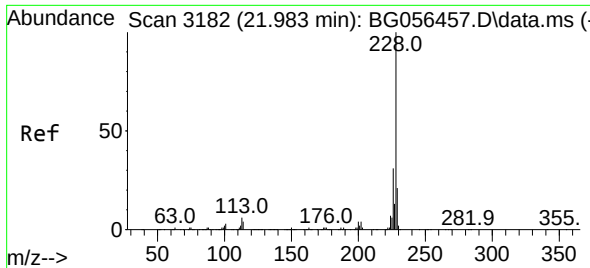
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 10.060 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

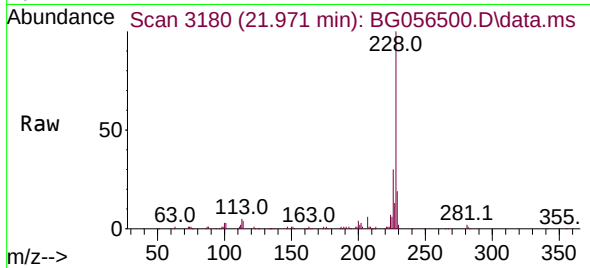
Tgt Ion:252 Resp: 65932
Ion Ratio Lower Upper
252 100
254 64.8 50.0 75.0
126 4.7 4.3 6.5





#83
 Chrysene
 Concen: 8.924 ng
 RT: 21.971 min Scan# 3182
 Delta R.T. -0.006 min
 Lab File: BG056500.D
 Acq: 1 Feb 2023 14:53

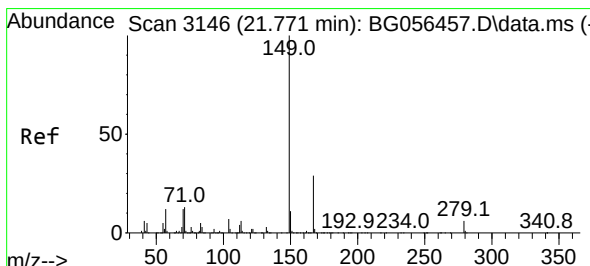
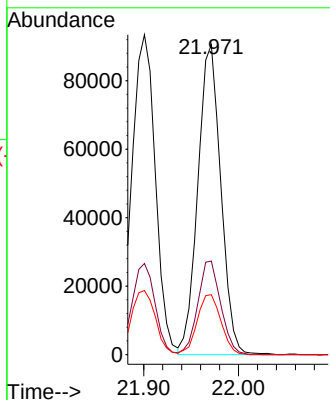
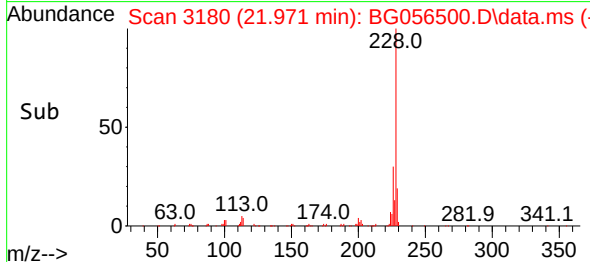
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 152590
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.4
 229 19.3 16.4 24.6

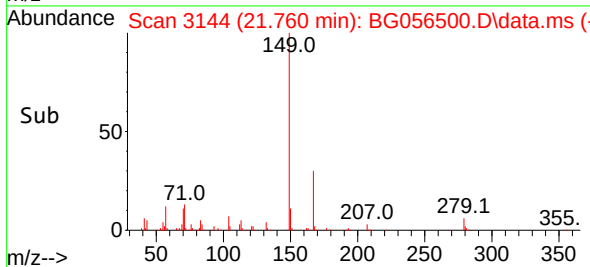
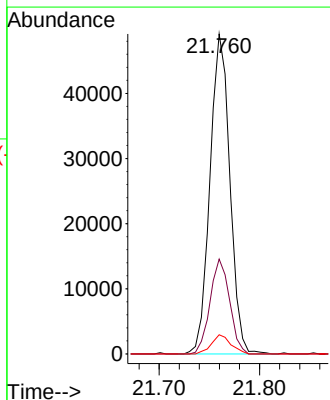
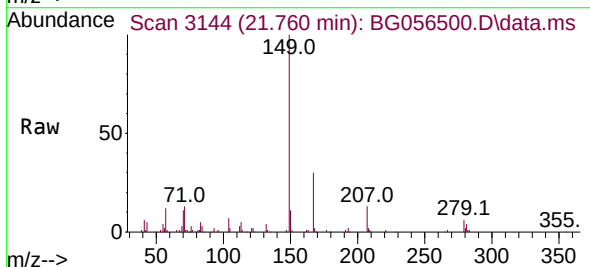
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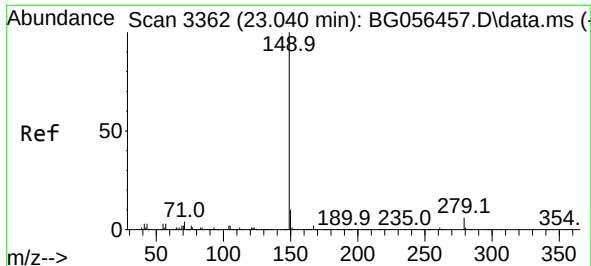
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.337 ng
 RT: 21.760 min Scan# 3144
 Delta R.T. -0.006 min
 Lab File: BG056500.D
 Acq: 1 Feb 2023 14:53

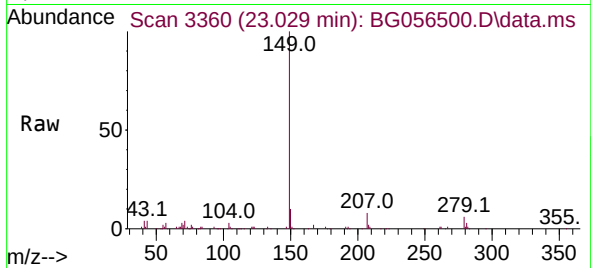
Tgt Ion:149 Resp: 67586
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.4 35.2
 279 6.0 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 8.568 ng
RT: 23.029 min Scan# 3362
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

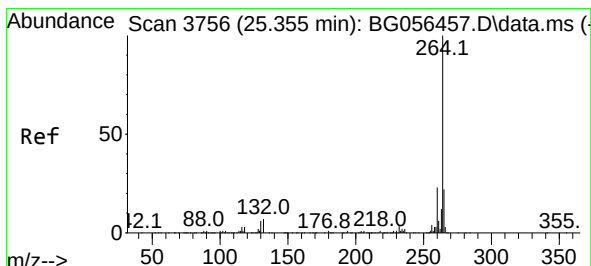
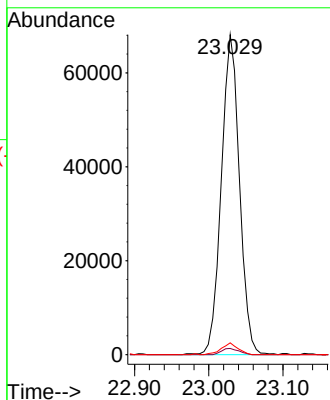
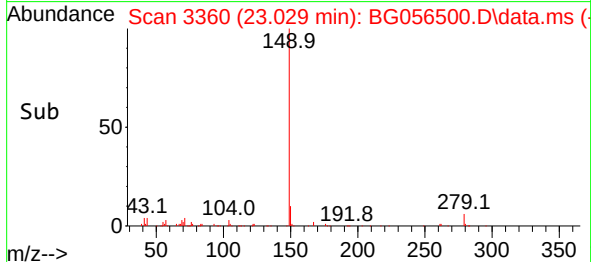
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:149 Resp: 115675
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 3.3 2.7 4.1

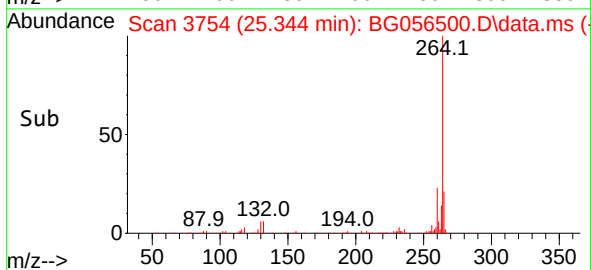
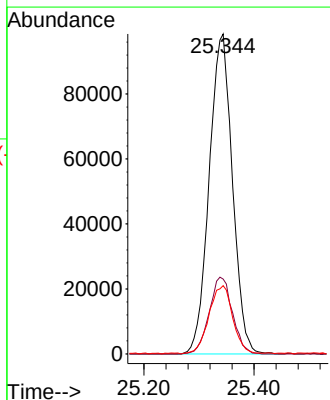
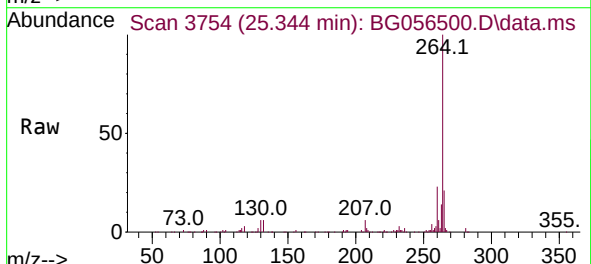
Manual Integrations
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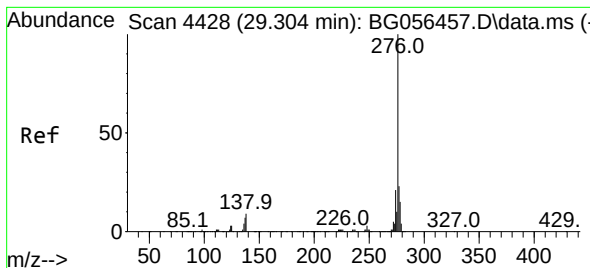
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 3754
Delta R.T. 0.000 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:264 Resp: 288151
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.3 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.549 ng

RT: 29.274 min Scan# 4428

Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:276 Resp: 180333

Ion Ratio Lower Upper

276 100

138 6.7 9.4 14.2

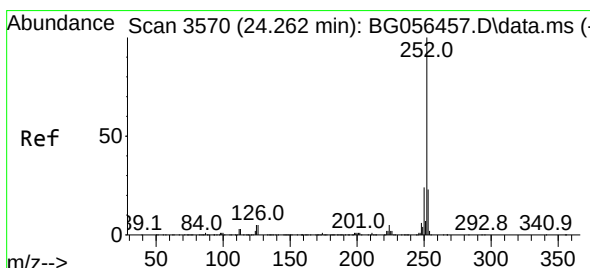
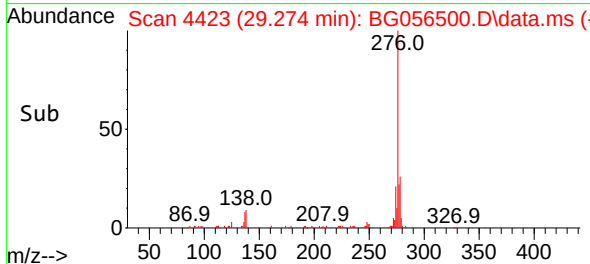
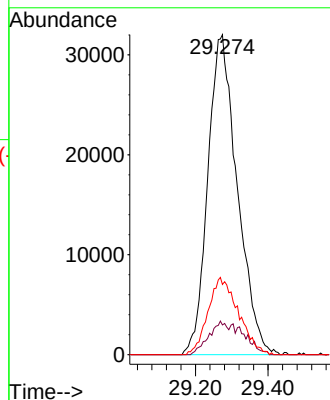
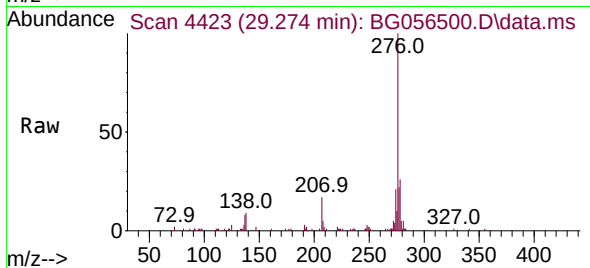
277 24.9 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#88

Benzo(b)fluoranthene

Concen: 9.401 ng

RT: 24.245 min Scan# 3567

Delta R.T. -0.006 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

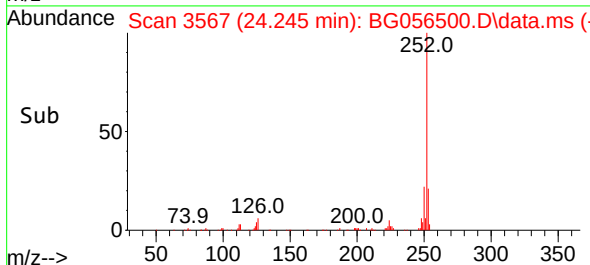
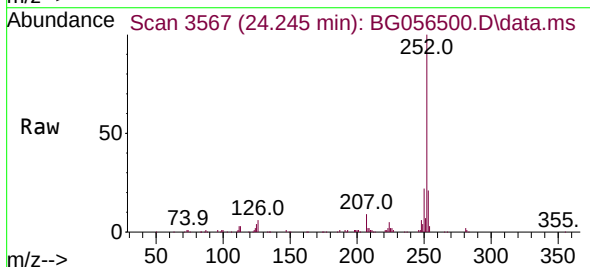
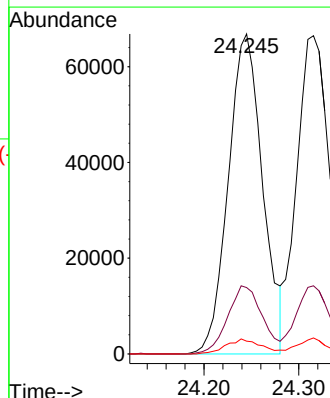
Tgt Ion:252 Resp: 168132

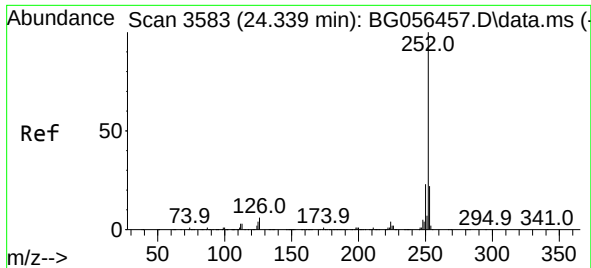
Ion Ratio Lower Upper

252 100

253 20.7 18.1 27.1

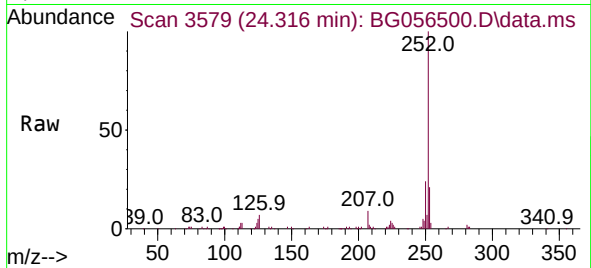
125 4.0 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 8.967 ng
RT: 24.316 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

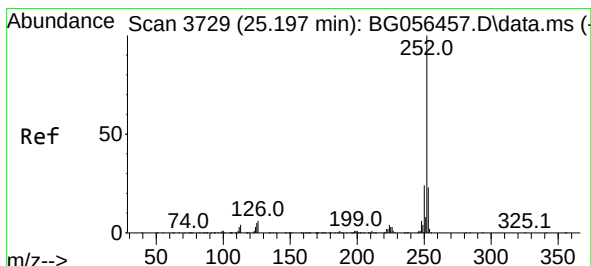
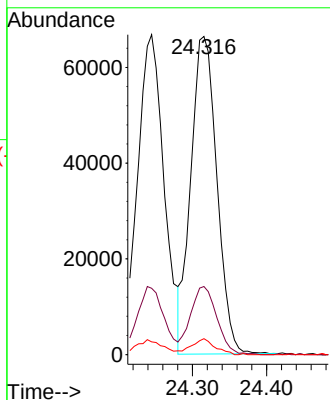
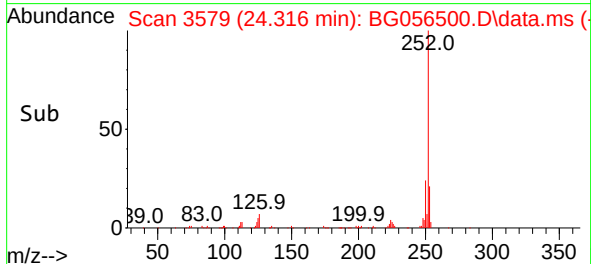
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:252 Resp: 16192
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 5.0 3.4 5.0

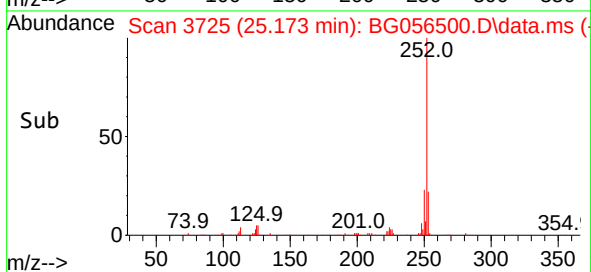
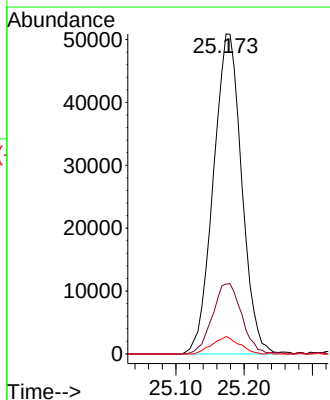
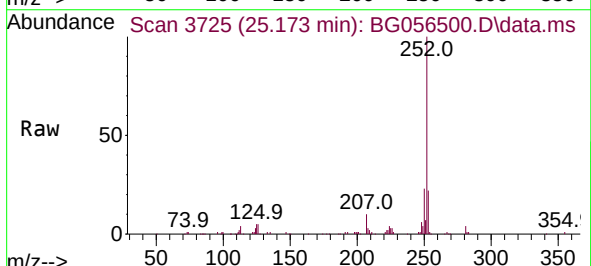
Manual Integrations
APPROVED

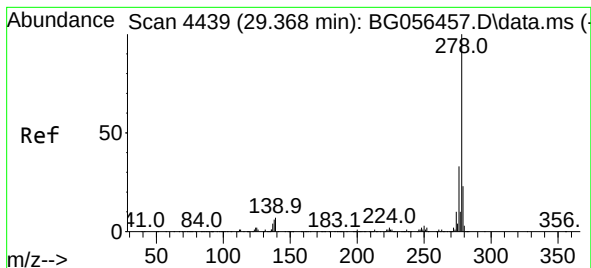
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#90
Benzo(a)pyrene
Concen: 8.309 ng
RT: 25.173 min Scan# 3725
Delta R.T. -0.012 min
Lab File: BG056500.D
Acq: 1 Feb 2023 14:53

Tgt Ion:252 Resp: 146396
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 5.4 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 9.071 ng

RT: 29.316 min Scan# 4439

Delta R.T. -0.029 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:278 Resp: 160600

Ion Ratio Lower Upper

278 100

139 7.7 5.5 8.3

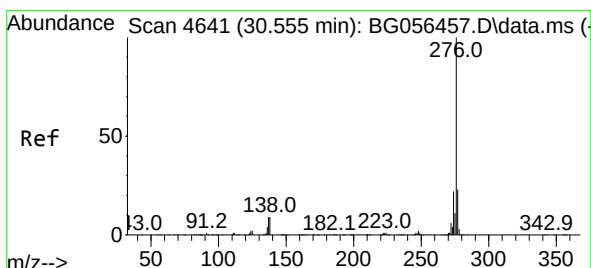
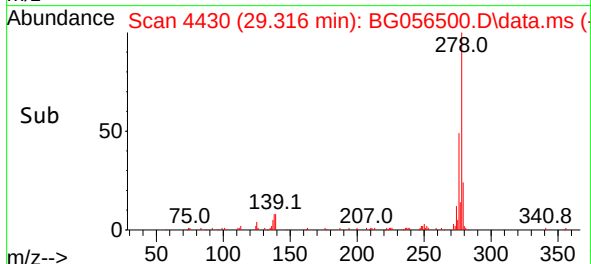
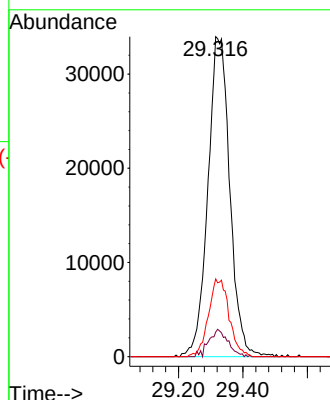
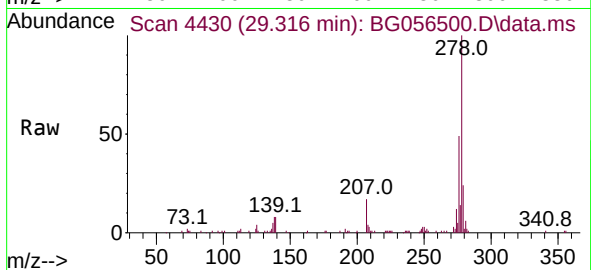
279 24.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#92

Benzo(g,h,i)perylene

Concen: 9.029 ng

RT: 30.496 min Scan# 4631

Delta R.T. -0.029 min

Lab File: BG056500.D

Acq: 1 Feb 2023 14:53

Tgt Ion:276 Resp: 154248

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 8.1 7.4 11.0

