

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020123\
 Data File : BG056498.D
 Acq On : 1 Feb 2023 11:51
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 05:00:21 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	31570	20.000	ng	# 0.00
21) Naphthalene-d8	11.107	136	123530	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	100909	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	266067	20.000	ng	0.00
76) Chrysene-d12	21.918	240	263458	20.000	ng	0.00
86) Perylene-d12	25.338	264	284583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	191348	111.498	ng	0.00
7) Phenol-d6	7.418	99	272824	107.294	ng	0.00
23) Nitrobenzene-d5	9.450	82	155667	71.558	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	151051	112.597	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	544732	74.843	ng	0.00
79) Terphenyl-d14	20.208	244	1060852	70.723	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.598	88	4111	5.753	ng	# 93
3) Pyridine	4.033	79	9621	4.517	ng	97
4) n-Nitrosodimethylamine	3.933	42	1978	4.366	ng	# 84
6) Aniline	7.588	93	15690	4.713	ng	97
8) 2-Chlorophenol	7.835	128	8897	4.719	ng	91
9) Benzaldehyde	7.406	77	8355	5.317	ng	# 81
10) Phenol	7.447	94	12417	4.805	ng	92
11) bis(2-Chloroethyl)ether	7.676	93	9144	5.147	ng	93
12) 1,3-Dichlorobenzene	8.164	146	11325	5.217	ng	92
13) 1,4-Dichlorobenzene	8.311	146	11873m	5.401	ng	
14) 1,2-Dichlorobenzene	8.634	146	11049m	5.181	ng	
15) Benzyl Alcohol	8.510	79	7924	4.542	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.804	45	1618	4.299	ng	92
17) 2-Methylphenol	8.716	107	8194	4.168	ng	98
18) Hexachloroethane	9.368	117	3758	5.652	ng	88
19) n-Nitroso-di-n-propyla...	9.080	70	7011	4.784	ng	96
20) 3+4-Methylphenols	9.045	107	11661	4.232	ng	96
22) Acetophenone	9.104	105	17013	5.183	ng	# 98
24) Nitrobenzene	9.492	77	10483	4.996	ng	# 86
25) Isophorone	10.009	82	21124	4.707	ng	96
26) 2-Nitrophenol	10.208	139	5923	4.652	ng	96
27) 2,4-Dimethylphenol	10.261	122	8709	4.087	ng	92
28) bis(2-Chloroethoxy)met...	10.490	93	11760	4.743	ng	96
29) 2,4-Dichlorophenol	10.755	162	11381	4.745	ng	95
30) 1,2,4-Trichlorobenzene	10.966	180	13652	5.122	ng	# 89
31) Naphthalene	11.160	128	32253	4.947	ng	99
33) 4-Chloroaniline	11.266	127	13242	4.351	ng	97
34) Hexachlorobutadiene	11.430	225	10633	5.684	ng	86
35) Caprolactam	12.006	113	3997	4.942	ng	99
36) 4-Chloro-3-methylphenol	12.365	107	10297	4.446	ng	99
37) 2-Methylnaphthalene	12.747	142	25030	4.657	ng	99
38) 1-Methylnaphthalene	12.958	142	24465	4.873	ng	89
40) 1,2,4,5-Tetrachloroben...	13.105	216	19131	5.189	ng	98
41) Hexachlorocyclopentadiene	13.081	237	3983	8.247	ng	97
43) 2,4,6-Trichlorophenol	13.340	196	10572	4.450	ng	98
44) 2,4,5-Trichlorophenol	13.422	196	11407	4.101	ng	95

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

Quant Time: Feb 02 05:00:21 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

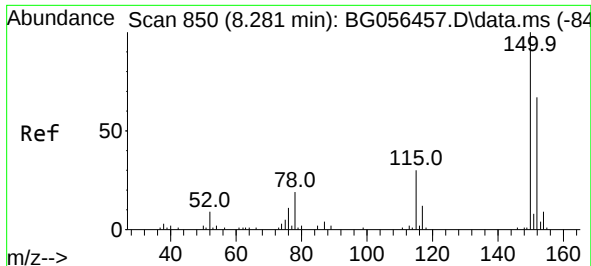
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.734	154	38216	5.221	ng	95
47) 2-Chloronaphthalene	13.781	162	29113	5.089	ng	97
48) 2-Nitroaniline	13.980	65	5206	4.402	ng	95
49) Acenaphthylene	14.621	152	45617	4.901	ng	98
50) Dimethylphthalate	14.333	163	39844	4.881	ng	99
51) 2,6-Dinitrotoluene	14.456	165	7945	4.463	ng	97
52) Acenaphthene	14.956	154	27408	4.966	ng	94
53) 3-Nitroaniline	14.797	138	7479	4.333	ng	# 96
55) Dibenzofuran	15.291	168	48500	4.900	ng	98
56) 4-Nitrophenol	15.103	139	4126	3.498	ng	# 75
57) 2,4-Dinitrotoluene	15.249	165	11469	4.573	ng	97
58) Fluorene	15.937	166	39368	4.998	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.520	232	10573	4.275	ng	# 96
60) Diethylphthalate	15.678	149	38408	5.010	ng	96
61) 4-Chlorophenyl-phenyle...	15.919	204	24600	5.118	ng	96
62) 4-Nitroaniline	15.949	138	7922	4.587	ng	97
63) Azobenzene	16.207	77	25415	4.818	ng	97
65) 4,6-Dinitro-2-methylph...	16.013	198	5871	3.139	ng	95
66) n-Nitrosodiphenylamine	16.131	169	36238	4.810	ng	100
67) 4-Bromophenyl-phenylether	16.812	248	16382	4.810	ng	96
68) Hexachlorobenzene	16.942	284	16868	5.056	ng	92
69) Atrazine	17.059	200	15218	5.236	ng	96
70) Pentachlorophenol	17.288	266	4201m	2.081	ng	
71) Phenanthrene	17.676	178	69153	4.966	ng	96
72) Anthracene	17.764	178	68229	4.773	ng	98
73) Carbazole	18.029	167	60756	4.990	ng	97
74) Di-n-butylphthalate	18.557	149	61847	4.838	ng	99
75) Fluoranthene	19.668	202	86719	4.934	ng	98
77) Benzidine	19.838	184	44651	6.263	ng	100
78) Pyrene	20.026	202	89798	4.792	ng	98
80) Butylbenzylphthalate	20.884	149	24800	4.334	ng	96
81) Benzo(a)anthracene	21.901	228	88660	4.814	ng	98
82) 3,3'-Dichlorobenzidine	21.801	252	35599	5.367	ng	100
83) Chrysene	21.971	228	81241	4.695	ng	98
84) Bis(2-ethylhexyl)phtha...	21.760	149	36306	4.425	ng	98
85) Di-n-octyl phthalate	23.029	149	62257	4.556	ng	99
87) Indeno(1,2,3-cd)pyrene	29.262	276	96046	4.611	ng	# 95
88) Benzo(b)fluoranthene	24.245	252	90293	5.112	ng	98
89) Benzo(k)fluoranthene	24.315	252	87308	4.896	ng	98
90) Benzo(a)pyrene	25.179	252	78394	4.505	ng	99
91) Dibenzo(a,h)anthracene	29.321	278	85328	4.880	ng	96
92) Benzo(g,h,i)perylene	30.496	276	81833	4.850	ng	# 93

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

Manual Integrations APPROVED

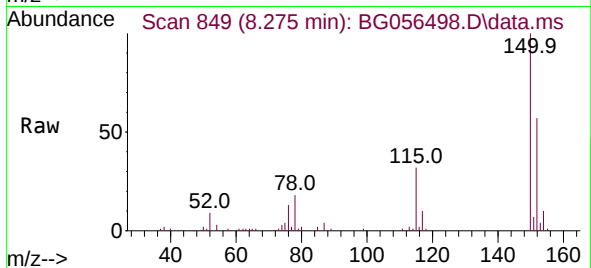
Quant Time: Feb 02 05:00:21 2023
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QLast Update : Wed Feb 01 01:15:52 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.275 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

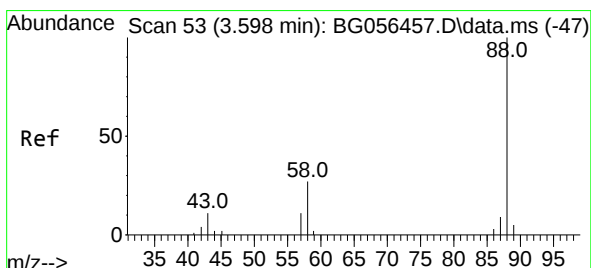
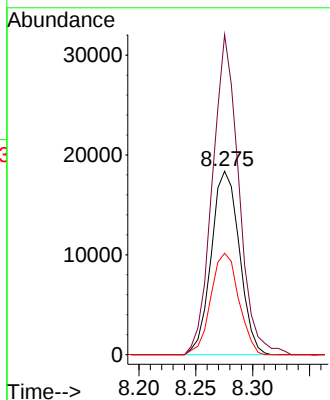
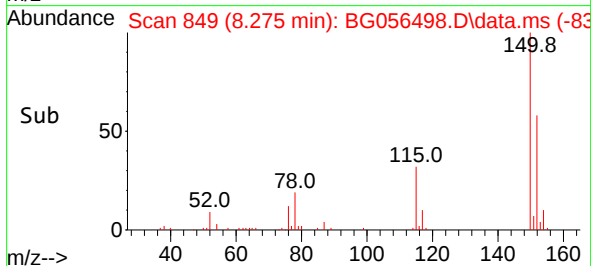
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 31576
Ion Ratio Lower Upper
152 100
150 174.4 120.2 180.4
115 55.2 36.3 54.5

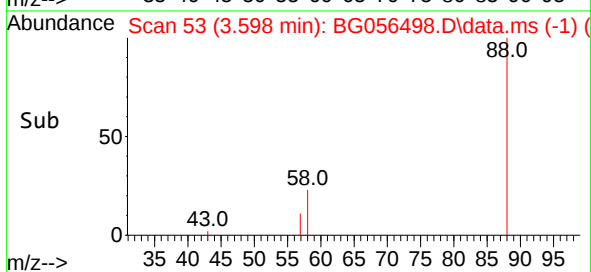
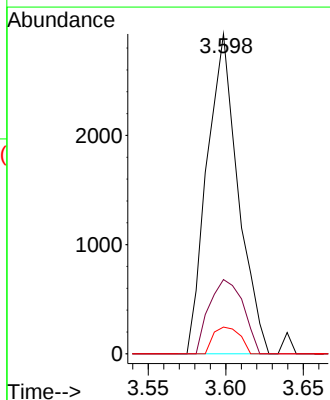
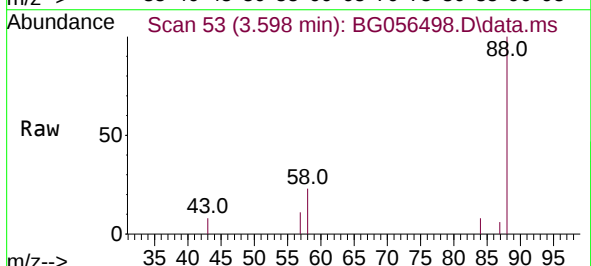
Manual Integrations
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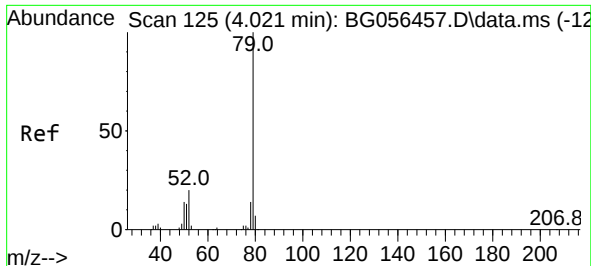
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#2
1,4-Dioxane
Concen: 5.753 ng
RT: 3.598 min Scan# 53
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

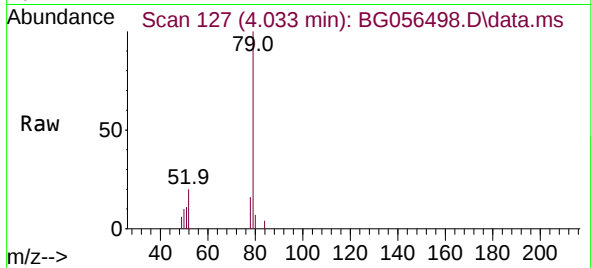
Tgt Ion: 88 Resp: 4111
Ion Ratio Lower Upper
88 100
58 25.2 23.0 34.4
43 7.2 8.0 12.0





#3
Pyridine
Concen: 4.517 ng
RT: 4.033 min Scan# 110
Delta R.T. 0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

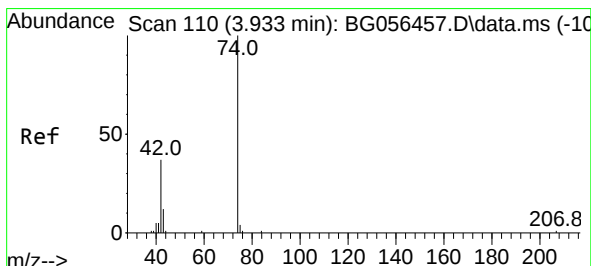
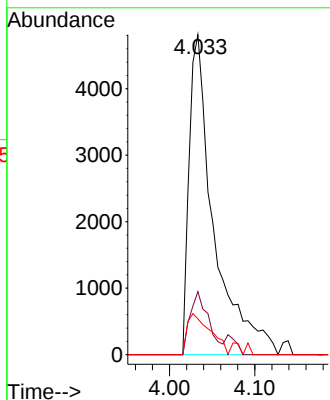
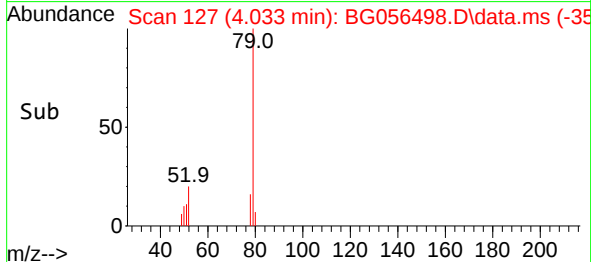
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



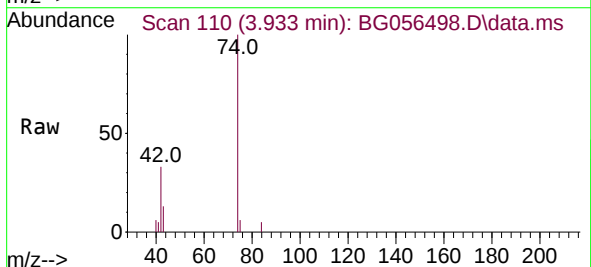
Tgt Ion: 79 Resp: 962
Ion Ratio Lower Upper
79 100
52 19.7 16.1 24.1
51 11.2 10.7 16.1

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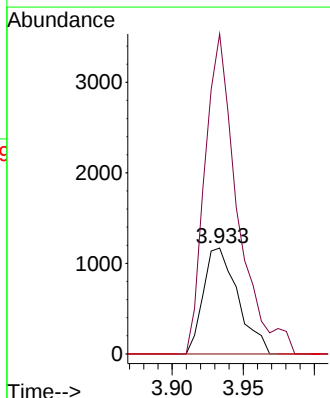
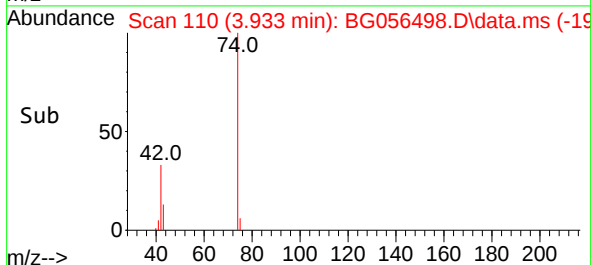
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

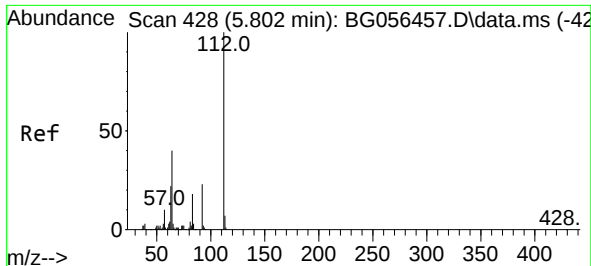


#4
n-Nitrosodimethylamine
Concen: 4.366 ng
RT: 3.933 min Scan# 110
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



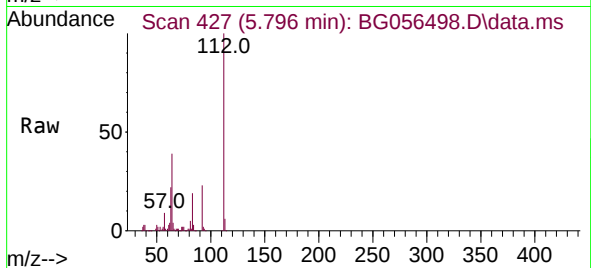
Tgt Ion: 42 Resp: 1978
Ion Ratio Lower Upper
42 100
74 302.1 217.9 326.9
44 0.0 3.0 4.6#





#5
2-Fluorophenol
Concen: 111.498 ng
RT: 5.796 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

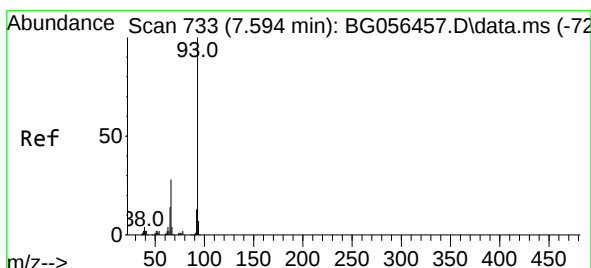
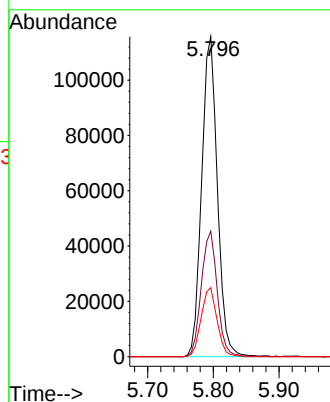
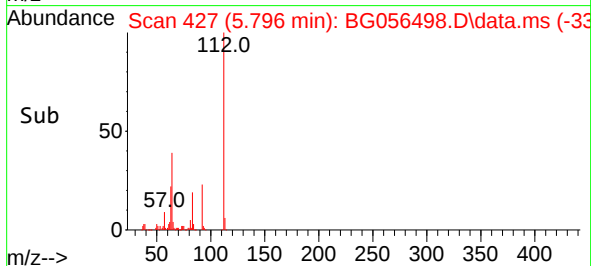
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 112 Resp: 191348
Ion Ratio Lower Upper
112 100
64 39.2 31.9 47.9
63 21.5 17.4 26.0

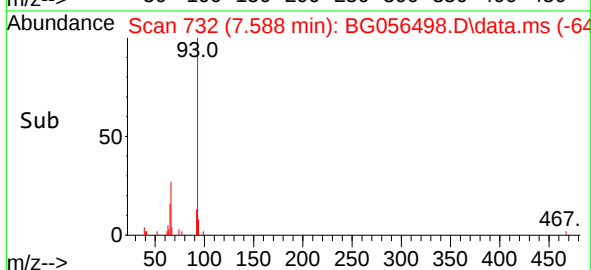
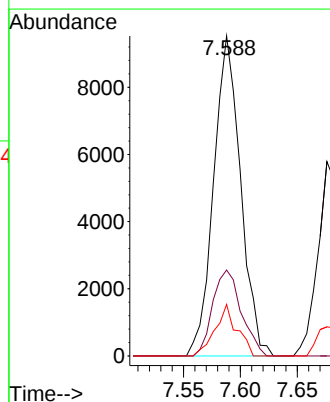
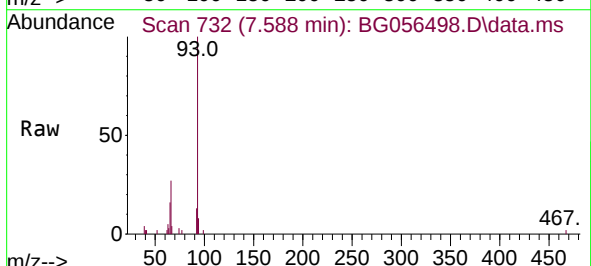
Manual Integrations
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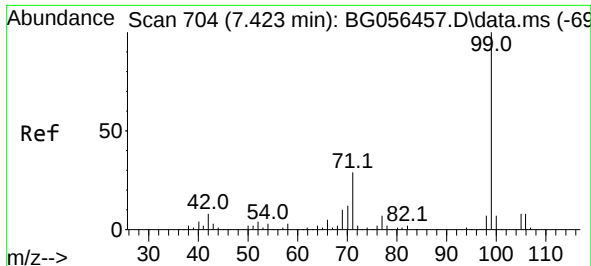
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#6
Aniline
Concen: 4.713 ng
RT: 7.588 min Scan# 732
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

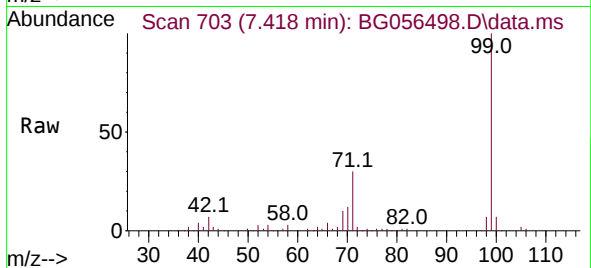
Tgt Ion: 93 Resp: 15690
Ion Ratio Lower Upper
93 100
66 26.8 22.2 33.2
65 16.1 11.3 16.9





#7
Phenol-d6
Concen: 107.294 ng
RT: 7.418 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

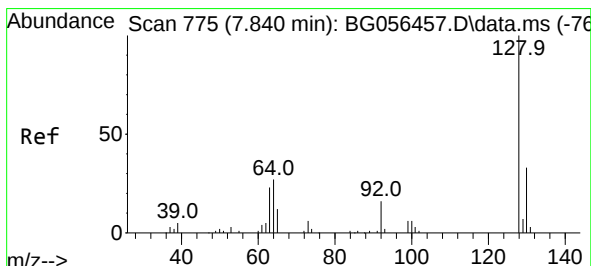
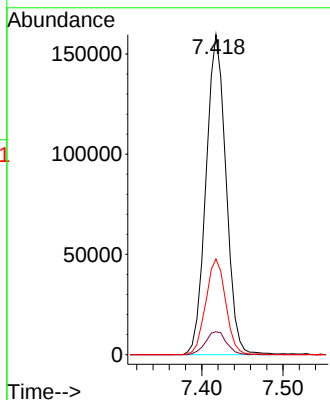
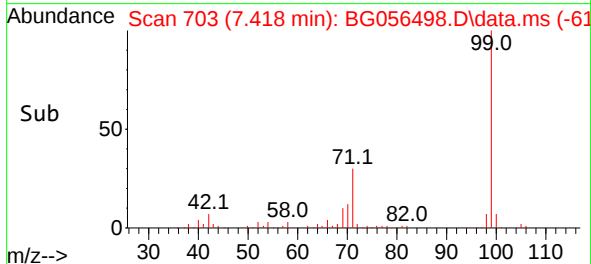
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 272824
Ion Ratio Lower Upper
99 100
42 7.1 6.6 10.0
71 29.9 23.4 35.0

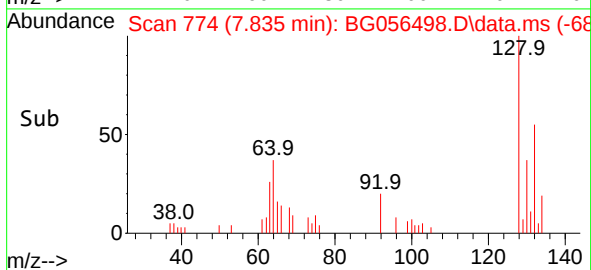
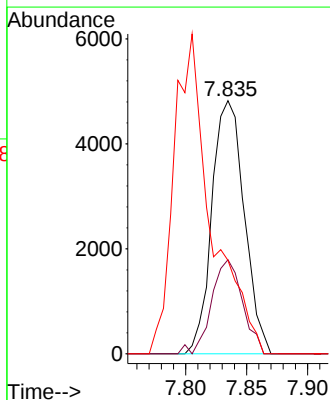
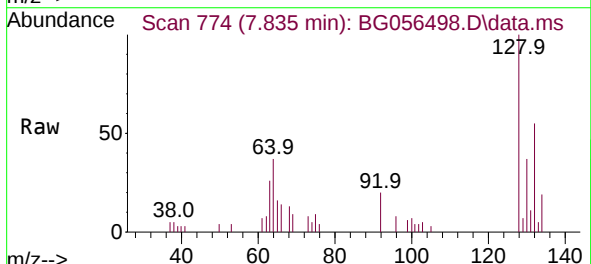
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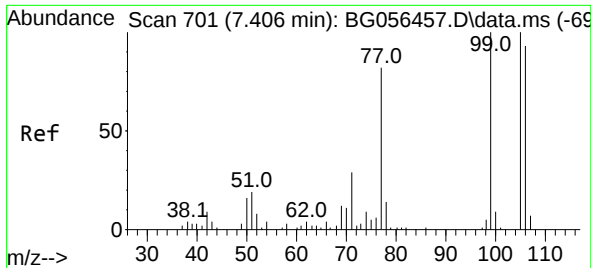
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#8
2-Chlorophenol
Concen: 4.719 ng
RT: 7.835 min Scan# 774
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:128 Resp: 8897
Ion Ratio Lower Upper
128 100
130 37.2 12.8 52.8
64 37.0 11.3 51.3





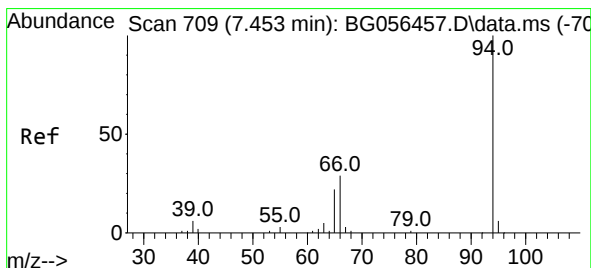
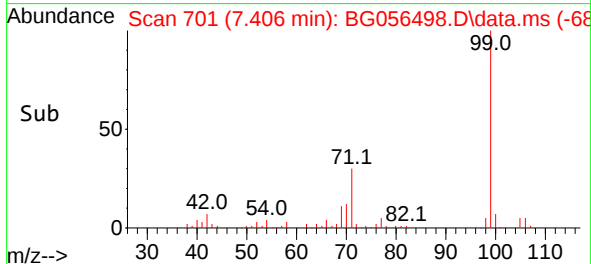
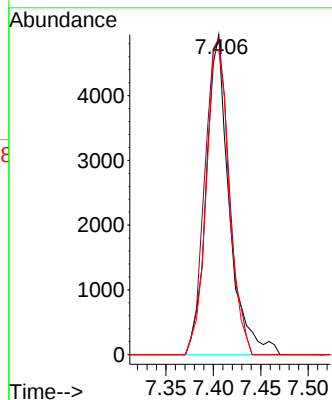
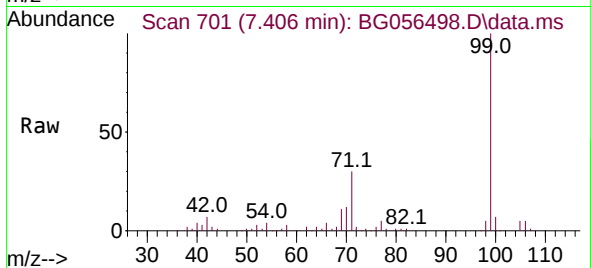
#9
Benzaldehyde
Concen: 5.317 ng
RT: 7.406 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

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

Tgt Ion: 77 Resp: 835
Ion Ratio Lower Upper
77 100
105 98.8 101.8 141.8
106 95.3 93.0 133.0

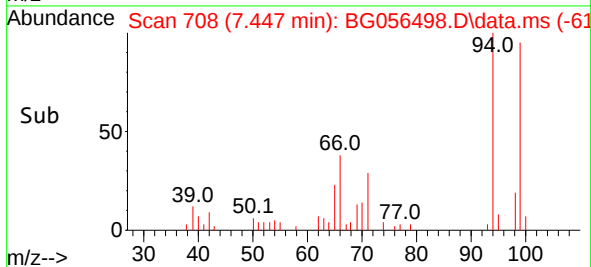
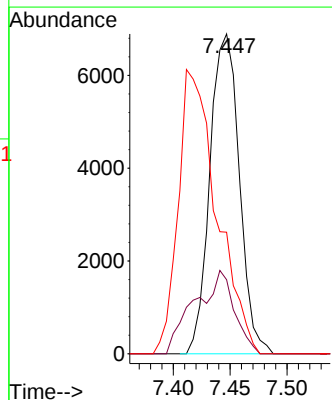
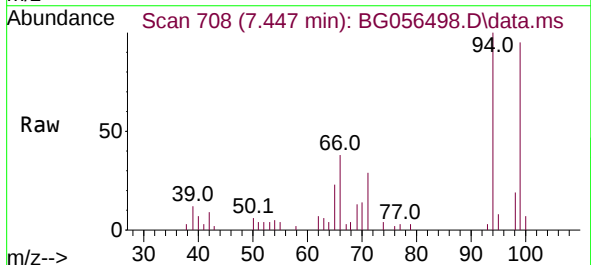
Manual Integrations
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Supervised By :Jagrut Upadhyay 02/02/2023



#10
Phenol
Concen: 4.805 ng
RT: 7.447 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

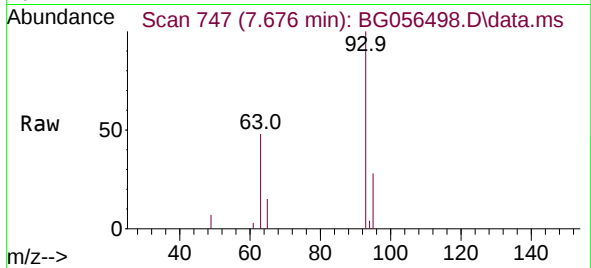
Tgt Ion: 94 Resp: 12417
Ion Ratio Lower Upper
94 100
65 23.2 2.3 42.3
66 38.0 11.2 51.2





#11
bis(2-Chloroethyl)ether
Concen: 5.147 ng
RT: 7.676 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

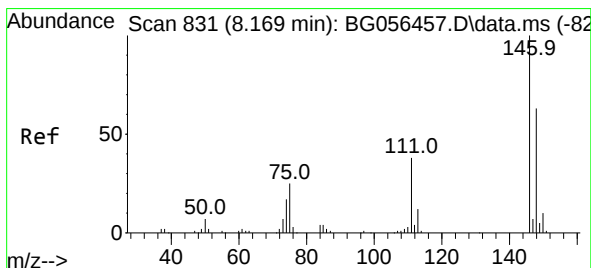
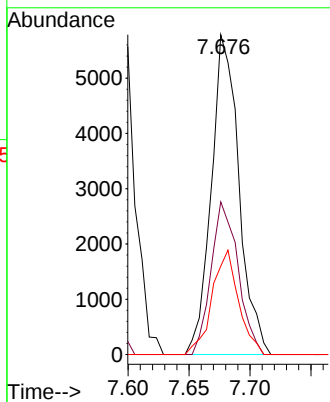
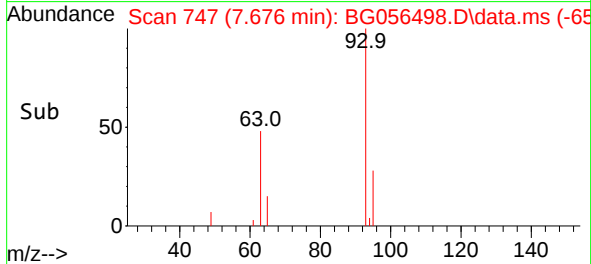
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 93 Resp: 9144
Ion Ratio Lower Upper
93 100
63 47.7 32.4 72.4
95 27.6 11.8 51.8

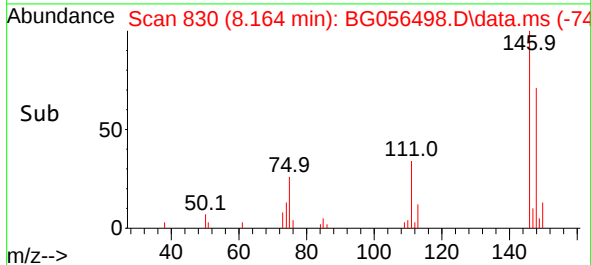
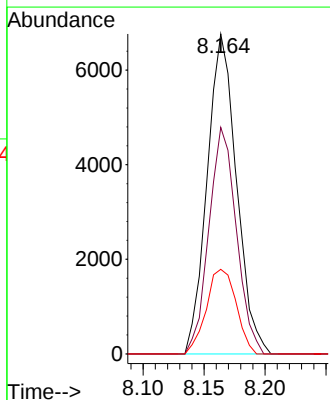
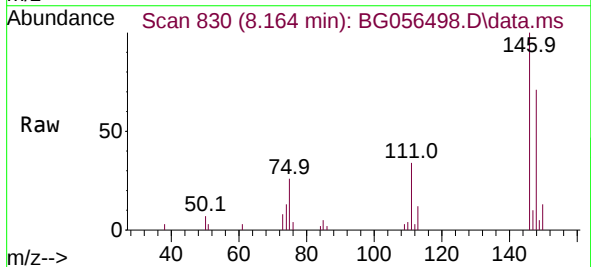
Manual Integrations
APPROVED

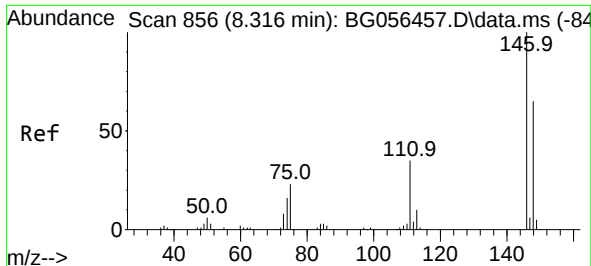
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#12
1,3-Dichlorobenzene
Concen: 5.217 ng
RT: 8.164 min Scan# 830
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:146 Resp: 11325
Ion Ratio Lower Upper
146 100
148 70.8 50.6 75.8
75 26.4 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 5.401 ng m

RT: 8.311 min Scan# 855

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

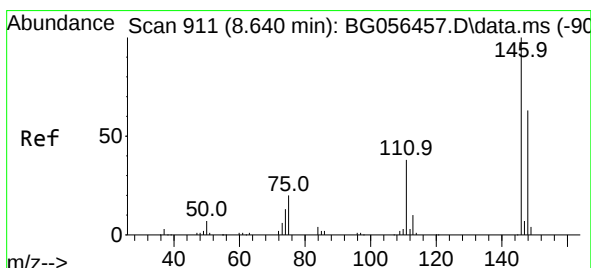
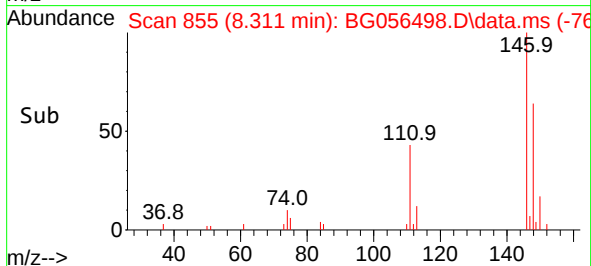
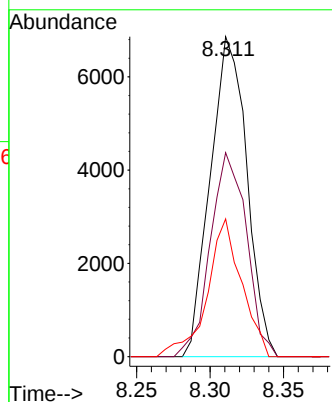
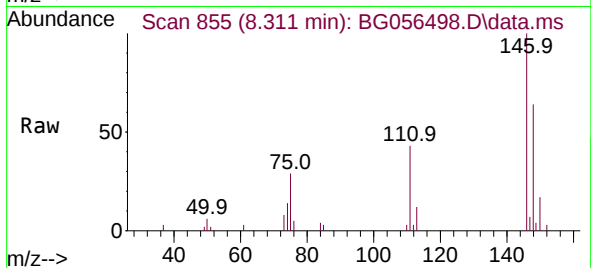
LOQ-WATER-02-QT4-2022

Tgt Ion:146 Resp: 11873
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 43.0 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: 5.181 ng m

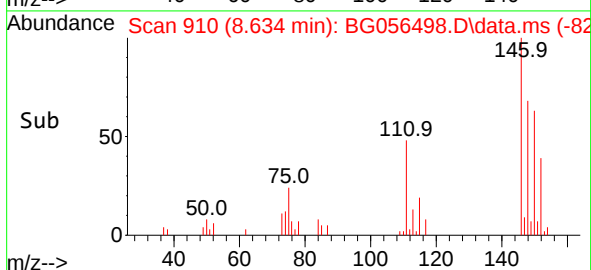
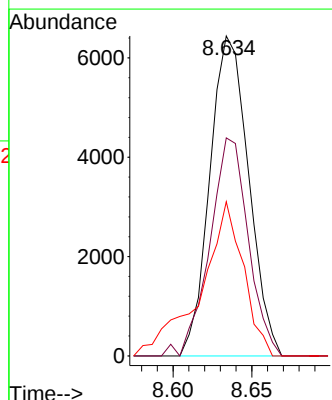
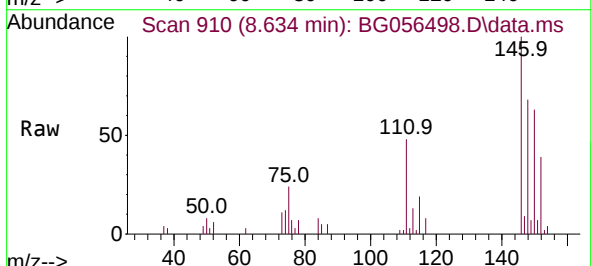
RT: 8.634 min Scan# 910

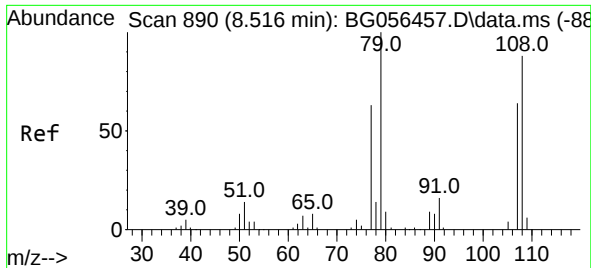
Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Tgt Ion:146 Resp: 11049
 Ion Ratio Lower Upper
 146 100
 148 68.1 50.1 75.1
 111 48.2 30.9 46.3





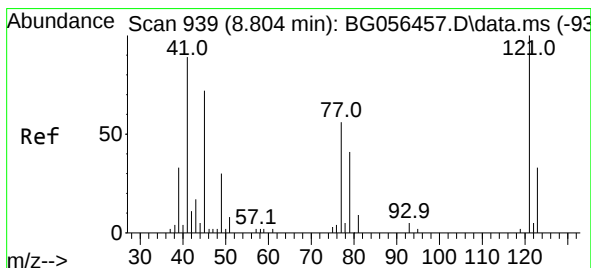
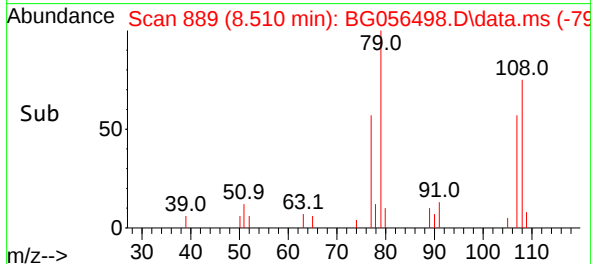
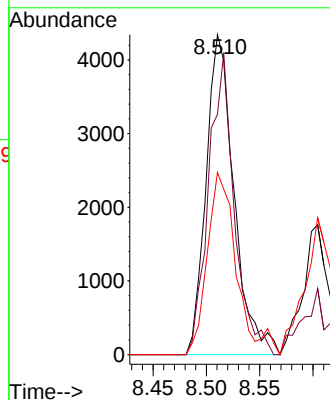
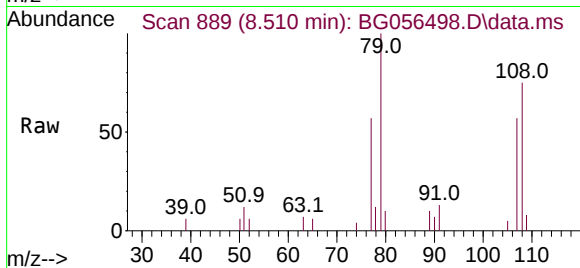
#15
Benzyl Alcohol
Concen: 4.542 ng
RT: 8.510 min Scan# 889
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

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

Tgt Ion: 79 Resp: 7924
Ion Ratio Lower Upper
79 100
108 75.1 70.1 105.1
77 57.0 50.3 75.5

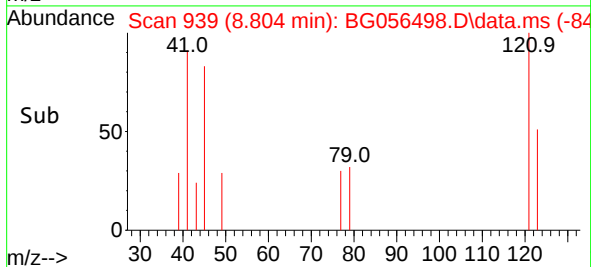
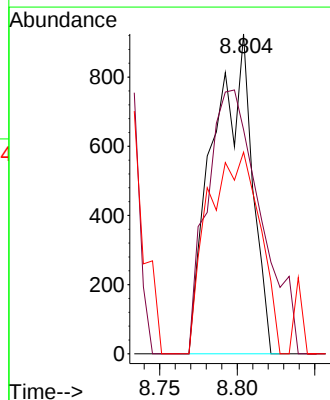
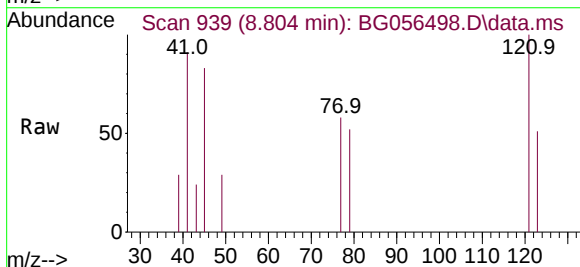
Manual Integrations
APPROVED

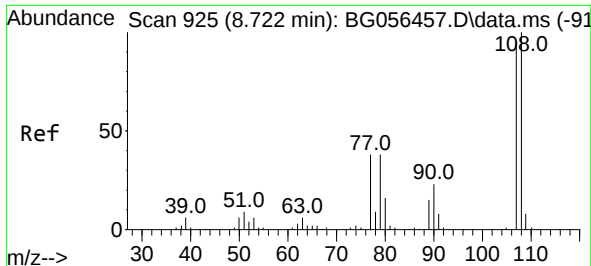
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.299 ng
RT: 8.804 min Scan# 939
Delta R.T. 0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

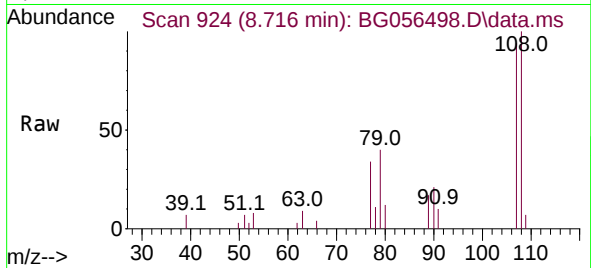
Tgt Ion: 45 Resp: 1618
Ion Ratio Lower Upper
45 100
77 70.1 62.1 102.1
79 63.0 42.7 82.7





#17
2-Methylphenol
Concen: 4.168 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

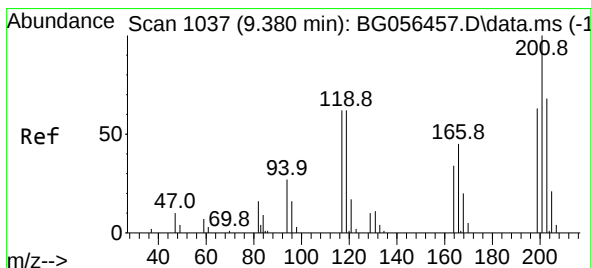
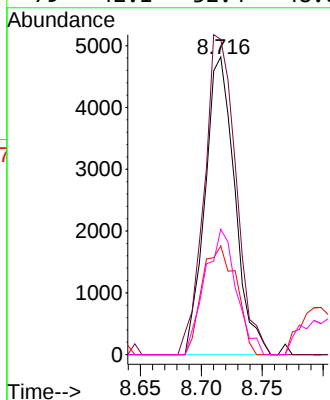
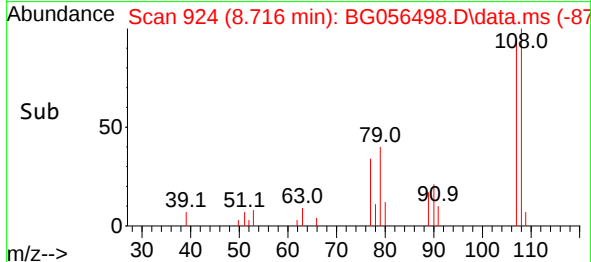
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



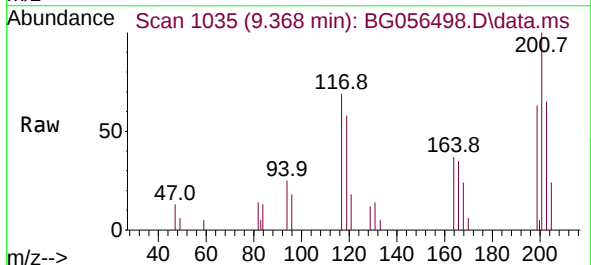
Tgt Ion:107 Resp: 8194
Ion Ratio Lower Upper
107 100
108 105.9 83.9 125.9
77 36.5 31.6 47.4
79 42.1 32.4 48.6

Manual Integrations
APPROVED

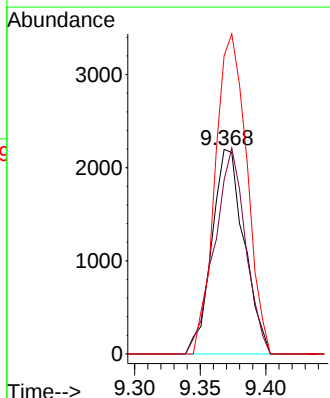
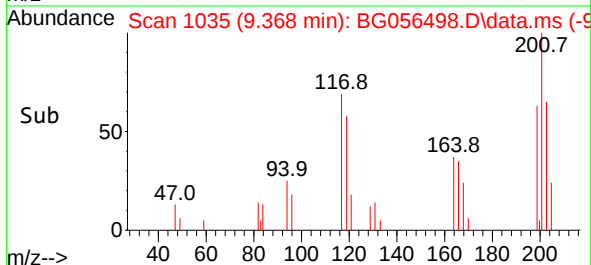
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

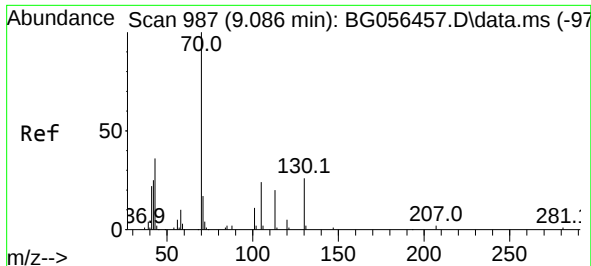


#18
Hexachloroethane
Concen: 5.652 ng
RT: 9.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



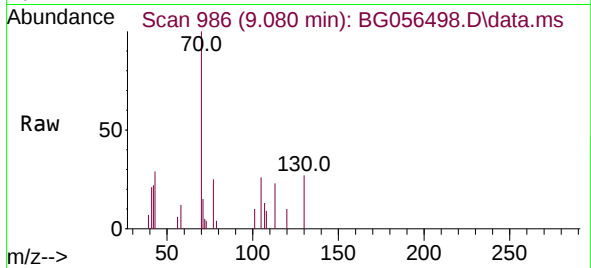
Tgt Ion:117 Resp: 3758
Ion Ratio Lower Upper
117 100
119 85.0 79.4 119.0
201 145.8 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 4.784 ng
RT: 9.080 min Scan# 987
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

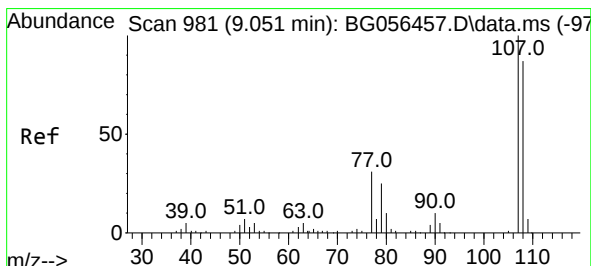
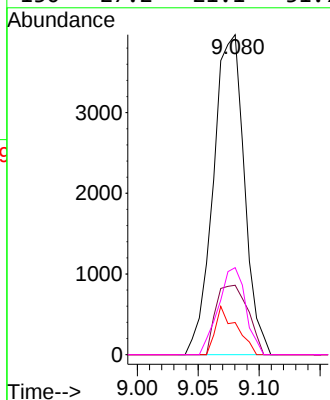
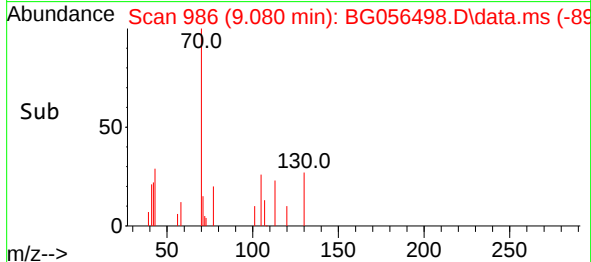
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



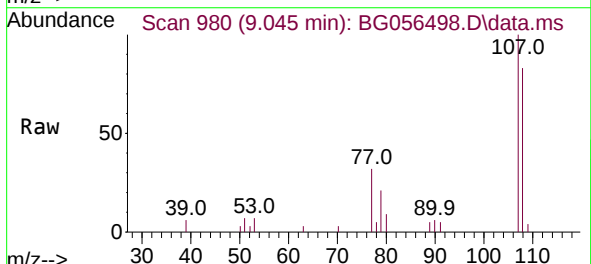
Tgt Ion: 70 Resp: 701
Ion Ratio Lower Upper
70 100
42 21.7 20.2 30.4
101 10.0 9.1 13.7
130 27.2 21.1 31.7

Manual Integrations
APPROVED

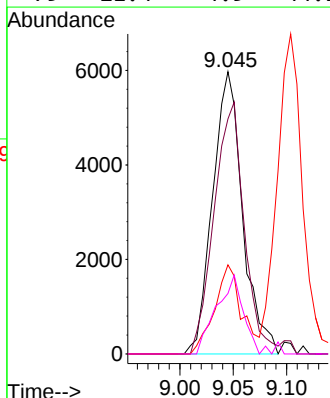
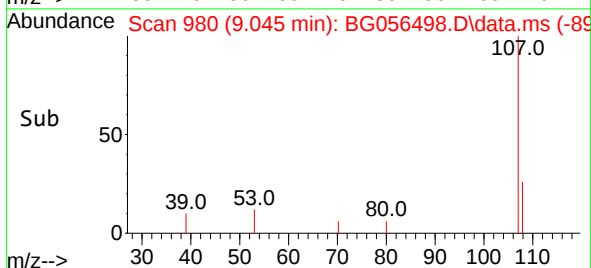
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

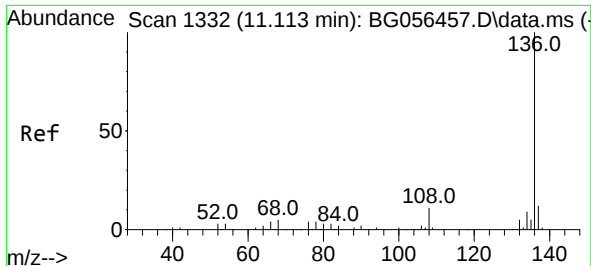


#20
3+4-Methylphenols
Concen: 4.232 ng
RT: 9.045 min Scan# 980
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



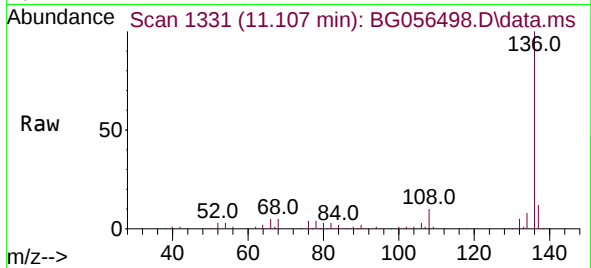
Tgt Ion:107 Resp: 11661
Ion Ratio Lower Upper
107 100
108 83.3 66.7 106.7
77 31.6 10.6 50.6
79 21.4 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.107 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

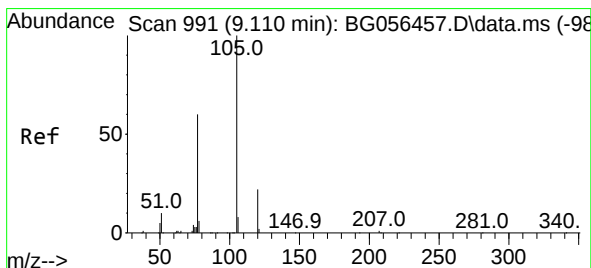
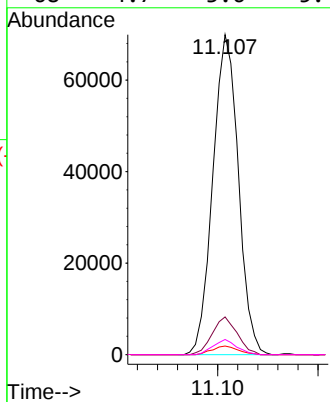
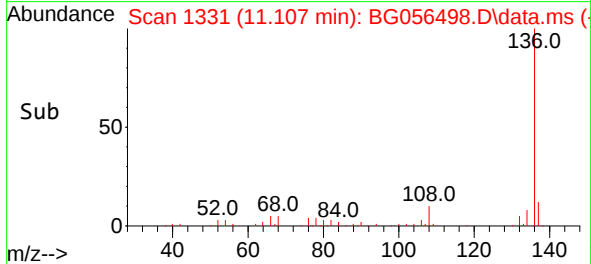
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 123536
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 2.7 2.2 3.4
68 4.7 3.6 5.4

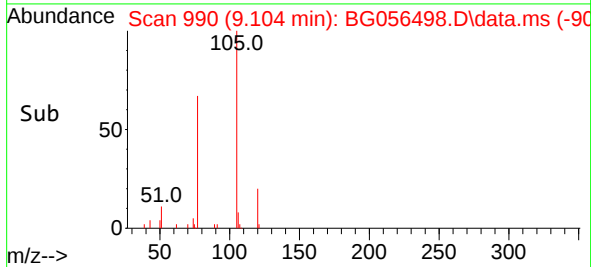
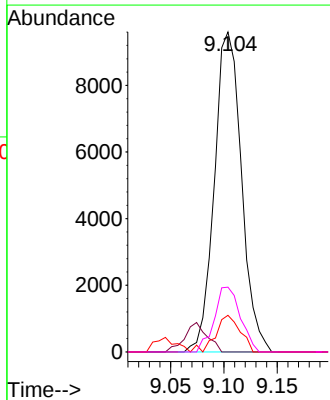
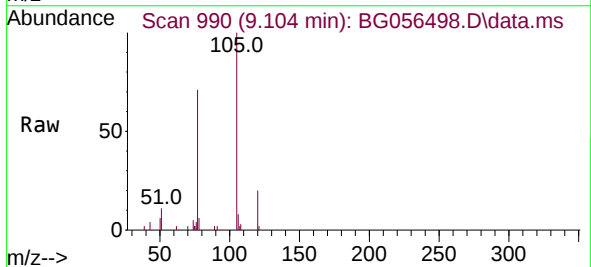
Manual Integrations
APPROVED

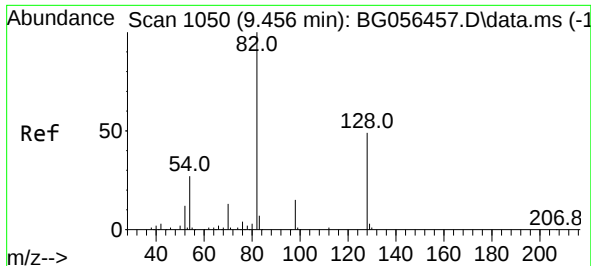
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#22
Acetophenone
Concen: 5.183 ng
RT: 9.104 min Scan# 990
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:105 Resp: 17013
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8
51 11.4 9.2 13.8
120 20.2 17.4 26.0





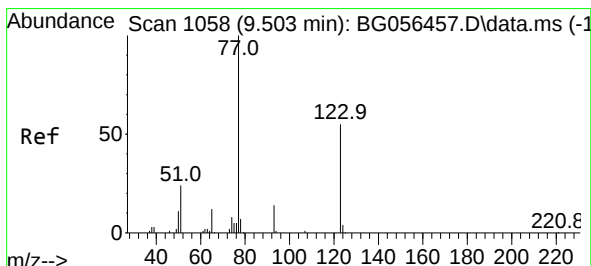
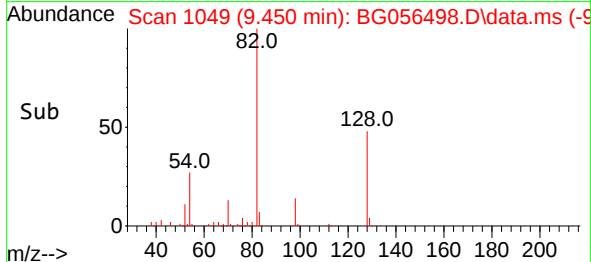
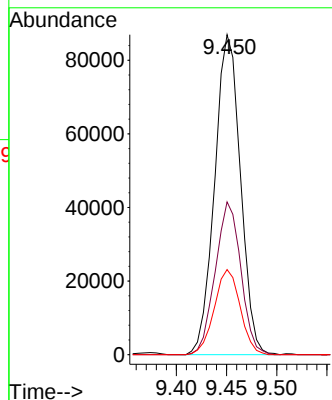
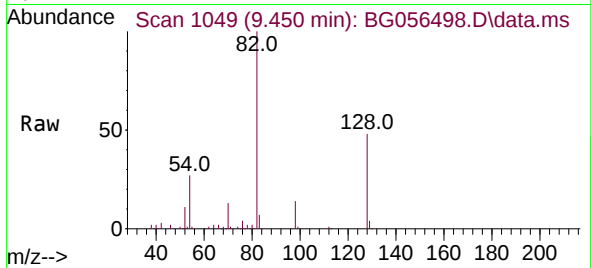
#23
Nitrobenzene-d5
Concen: 71.558 ng
RT: 9.450 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

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

Tgt Ion: 82 Resp: 155662
Ion Ratio Lower Upper
82 100
128 47.7 39.4 59.2
54 26.6 21.4 32.2

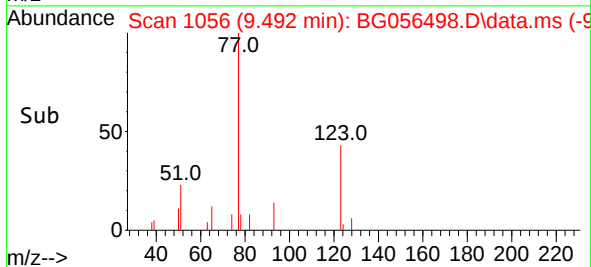
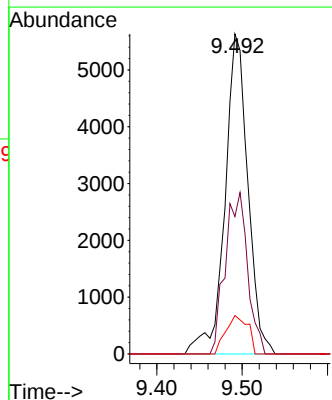
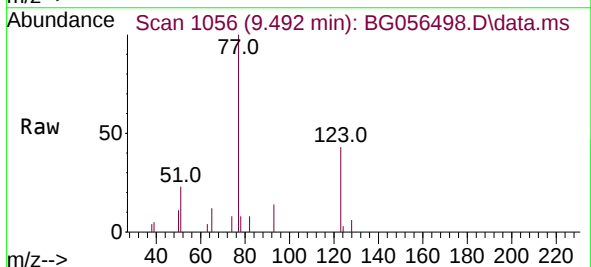
Manual Integrations
APPROVED

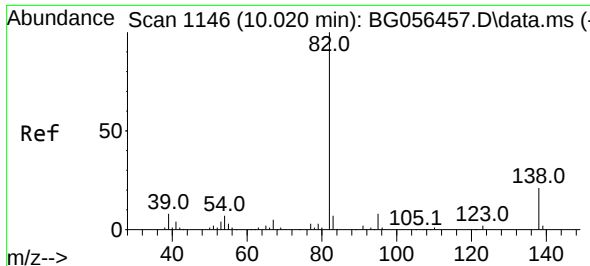
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#24
Nitrobenzene
Concen: 4.996 ng
RT: 9.492 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

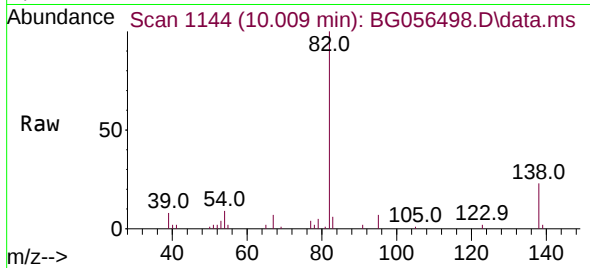
Tgt Ion: 77 Resp: 10483
Ion Ratio Lower Upper
77 100
123 42.9 44.0 66.0#
65 12.0 9.7 14.5





#25
Isophorone
Concen: 4.707 ng
RT: 10.009 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

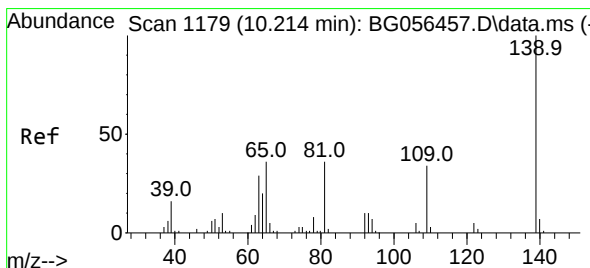
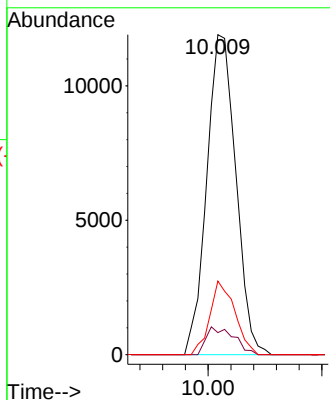
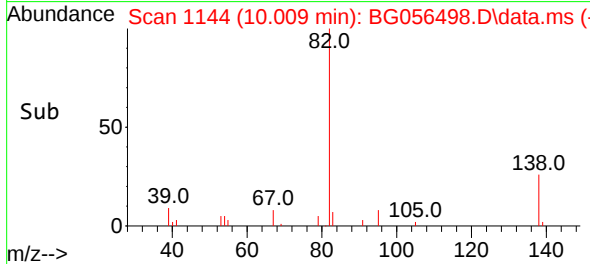
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 82 Resp: 21124
Ion Ratio Lower Upper
82 100
95 6.9 6.3 9.5
138 23.0 16.6 25.0

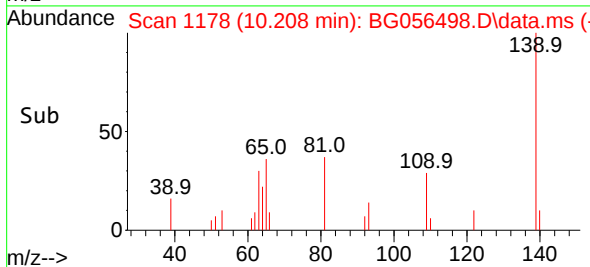
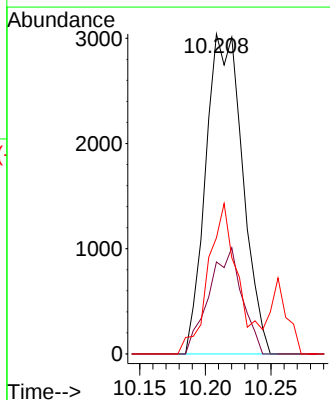
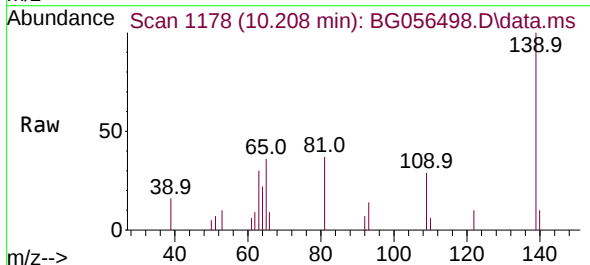
Manual Integrations
APPROVED

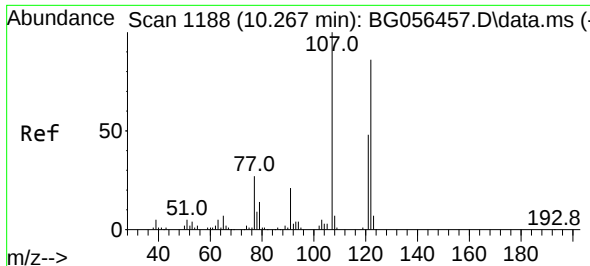
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#26
2-Nitrophenol
Concen: 4.652 ng
RT: 10.208 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

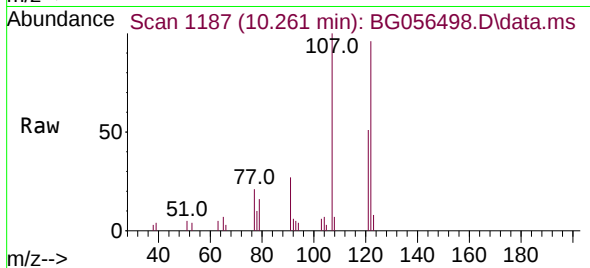
Tgt Ion:139 Resp: 5923
Ion Ratio Lower Upper
139 100
109 28.7 26.9 40.3
65 36.3 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 4.087 ng
RT: 10.261 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

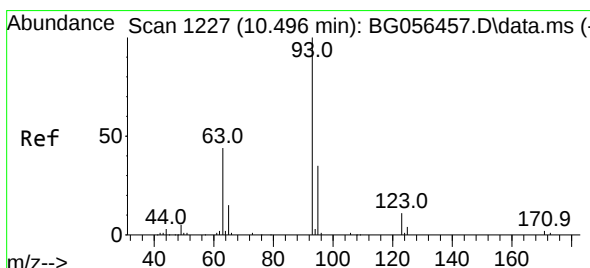
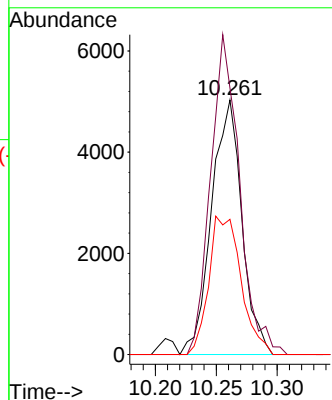
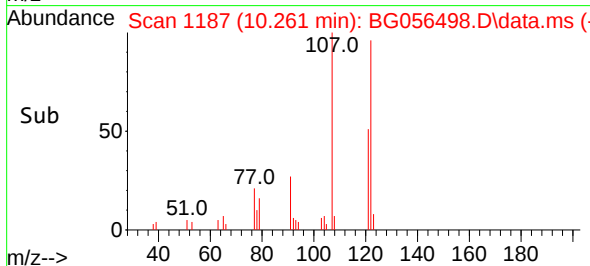
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:122 Resp: 8709
Ion Ratio Lower Upper
122 100
107 104.6 92.9 139.3
121 53.2 45.0 67.4

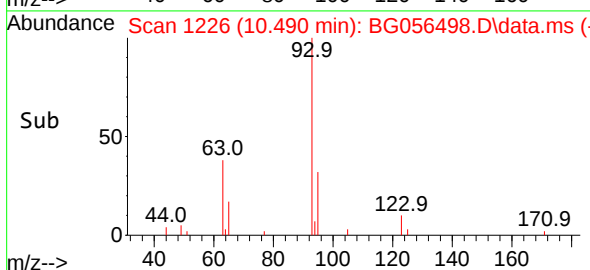
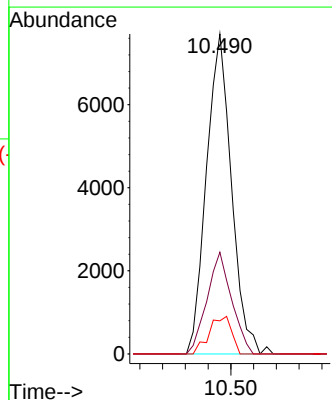
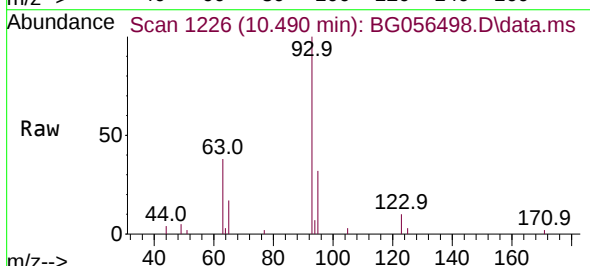
Manual Integrations
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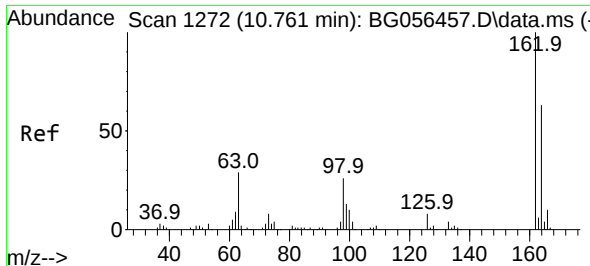
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#28
bis(2-Chloroethoxy)methane
Concen: 4.743 ng
RT: 10.490 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion: 93 Resp: 11760
Ion Ratio Lower Upper
93 100
95 31.8 27.9 41.9
123 10.3 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 4.745 ng

RT: 10.755 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:162 Resp: 1138

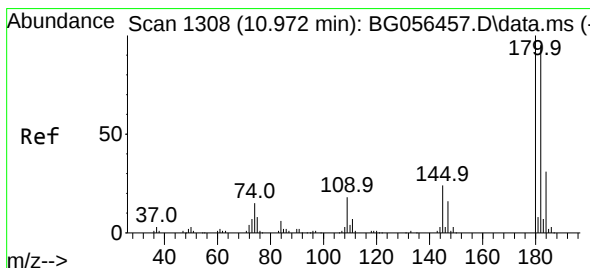
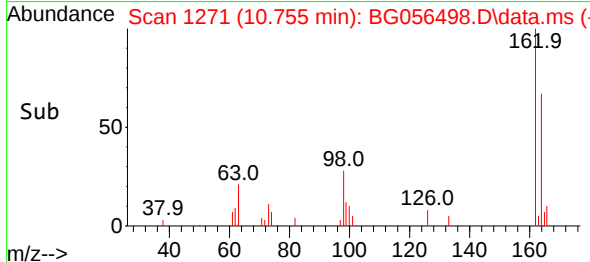
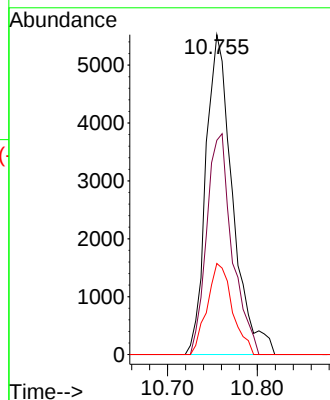
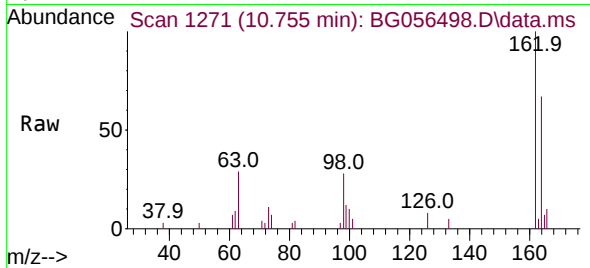
Ion	Ratio	Lower	Upper
162	100		
164	67.0	42.8	82.8
98	28.5	6.5	46.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 5.122 ng

RT: 10.966 min Scan# 1307

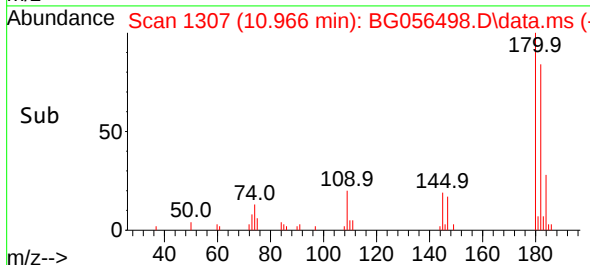
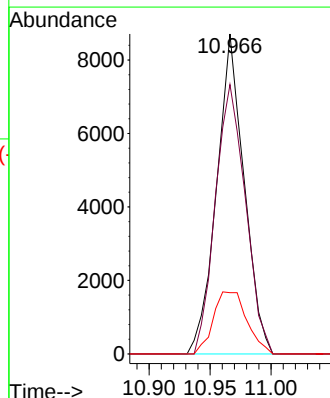
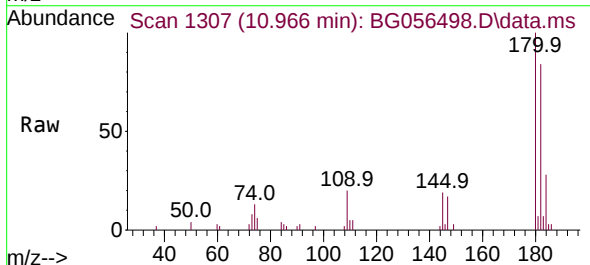
Delta R.T. -0.000 min

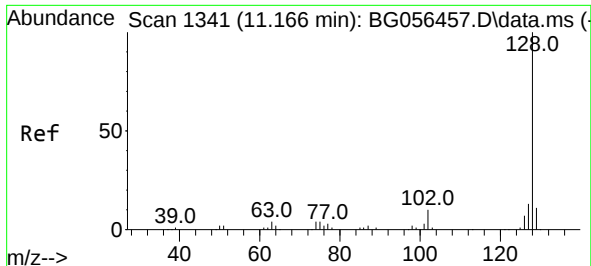
Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Tgt Ion:180 Resp: 13652

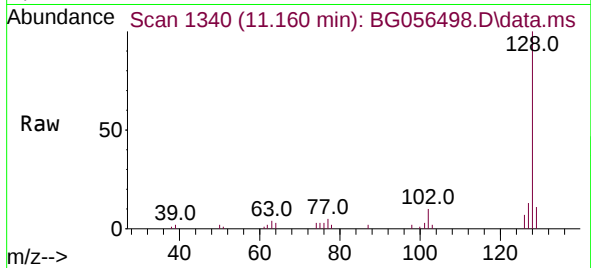
Ion	Ratio	Lower	Upper
180	100		
182	84.2	75.9	113.9
145	19.1	19.4	29.0





#31
Naphthalene
Concen: 4.947 ng
RT: 11.160 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

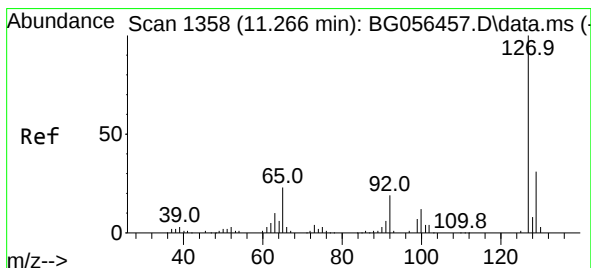
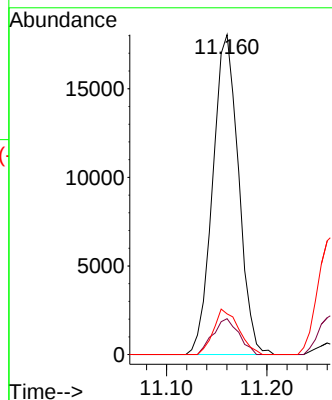
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 3225
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.7 10.4 15.6

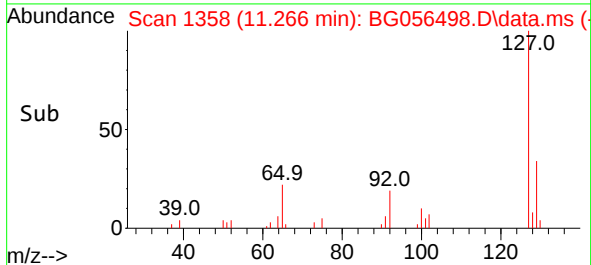
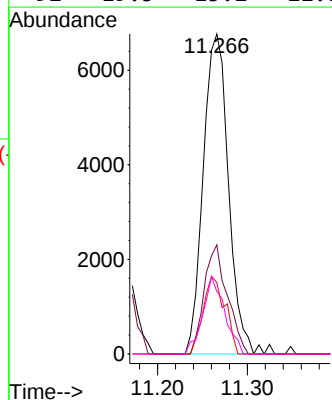
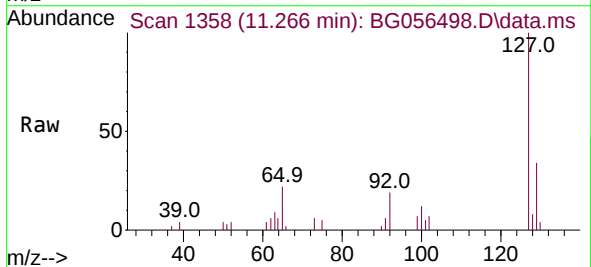
Manual Integrations
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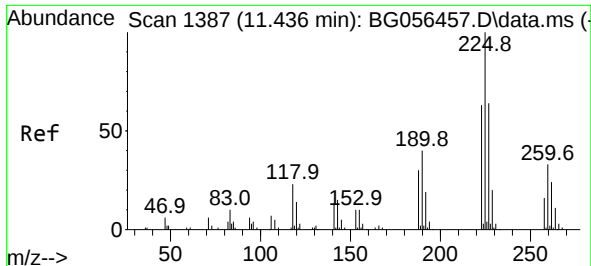
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#33
4-Chloroaniline
Concen: 4.351 ng
RT: 11.266 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

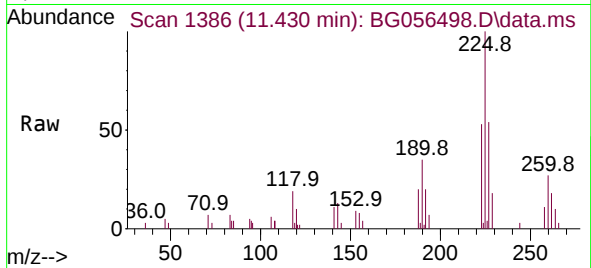
Tgt Ion:127 Resp: 13242
Ion Ratio Lower Upper
127 100
129 34.1 25.0 37.6
65 22.3 18.5 27.7
92 19.5 15.2 22.8





#34
Hexachlorobutadiene
Concen: 5.684 ng
RT: 11.430 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

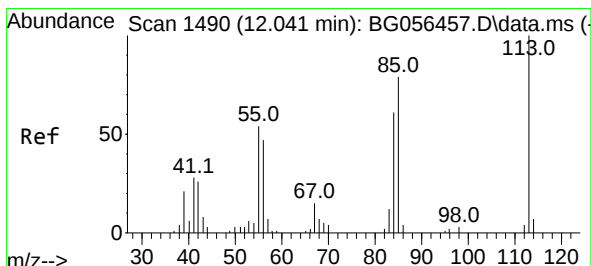
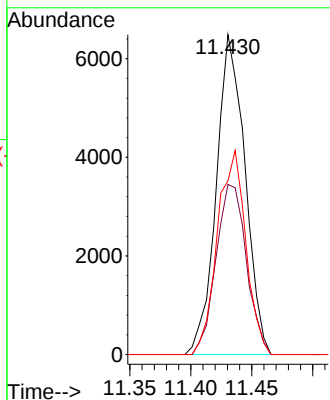
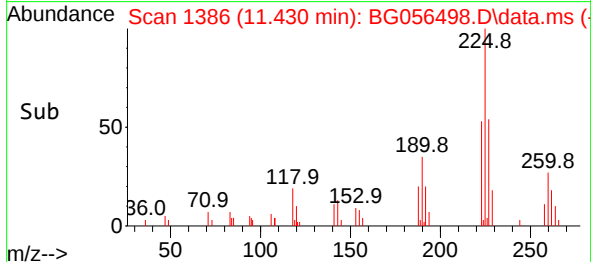
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:225 Resp: 1063
Ion Ratio Lower Upper
225 100
223 53.2 50.6 75.8
227 54.3 53.7 80.5

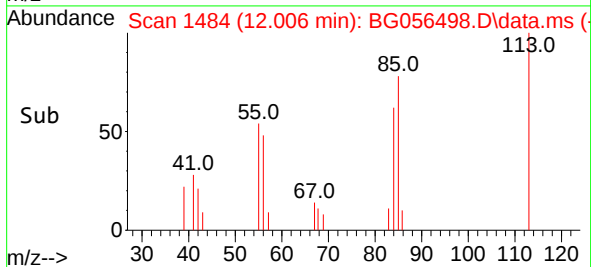
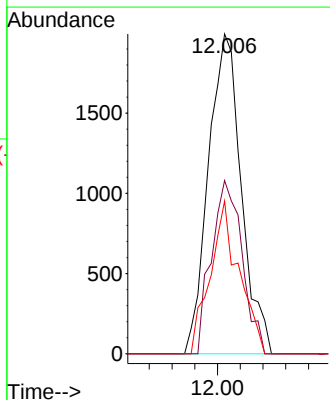
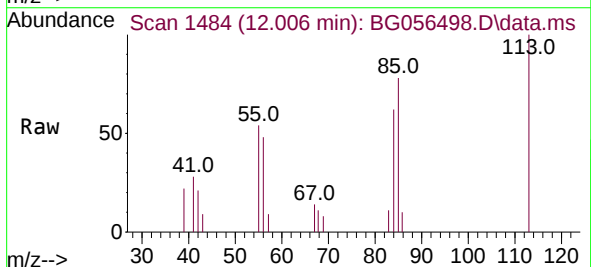
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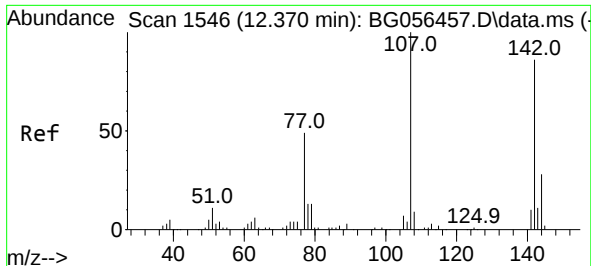
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#35
Caprolactam
Concen: 4.942 ng
RT: 12.006 min Scan# 1484
Delta R.T. -0.024 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

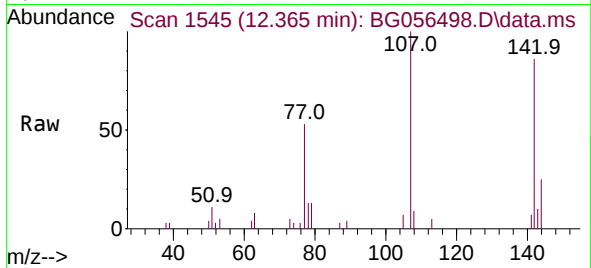
Tgt Ion:113 Resp: 3997
Ion Ratio Lower Upper
113 100
55 54.2 33.7 73.7
56 47.8 27.1 67.1





#36
4-Chloro-3-methylphenol
Concen: 4.446 ng
RT: 12.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

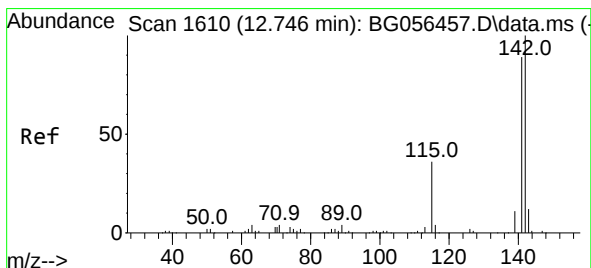
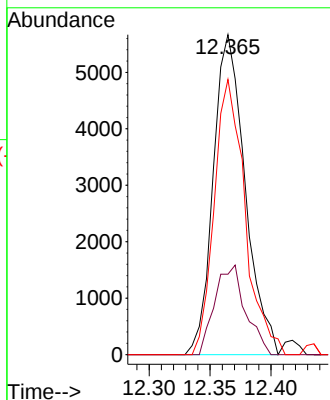
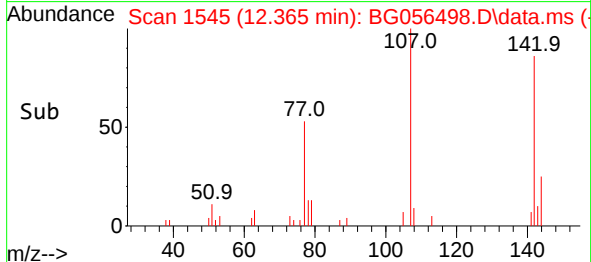
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



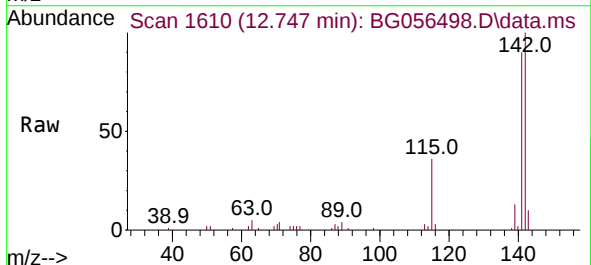
Tgt Ion:107 Resp: 1029
Ion Ratio Lower Upper
107 100
144 25.1 22.3 33.5
142 86.0 68.9 103.3

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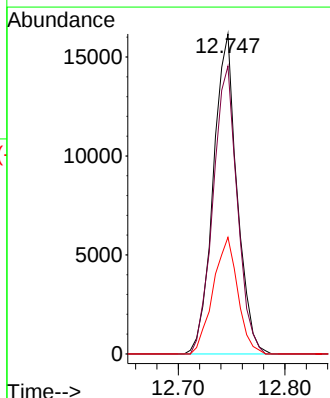
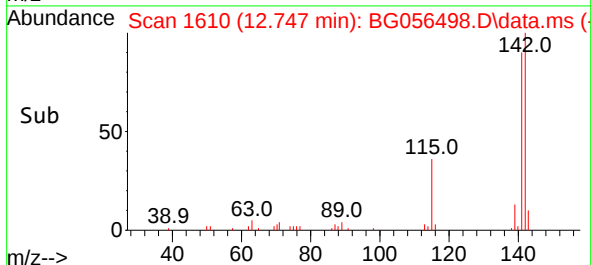
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

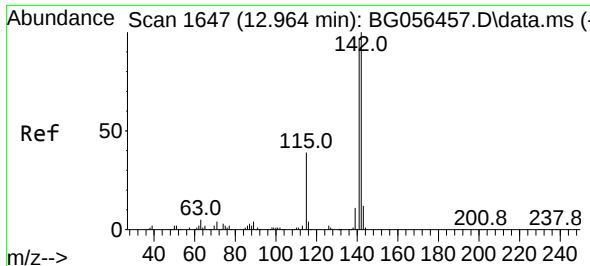


#37
2-Methylnaphthalene
Concen: 4.657 ng
RT: 12.747 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



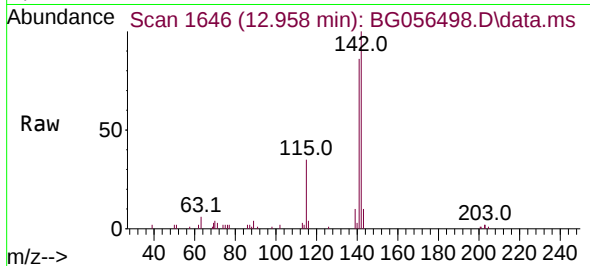
Tgt Ion:142 Resp: 25030
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0
115 36.4 28.4 42.6





#38
1-Methylnaphthalene
Concen: 4.873 ng
RT: 12.958 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

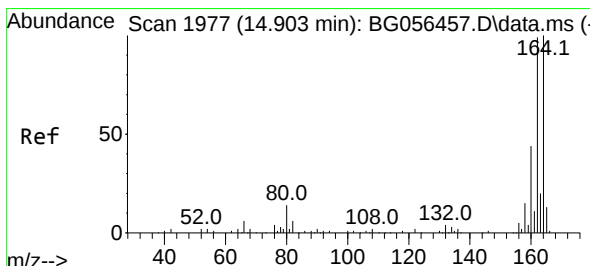
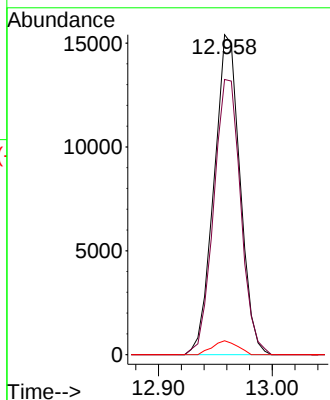
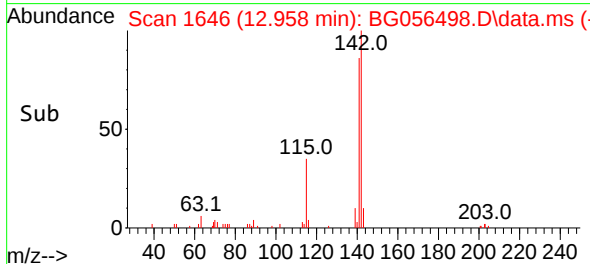
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT4-2022



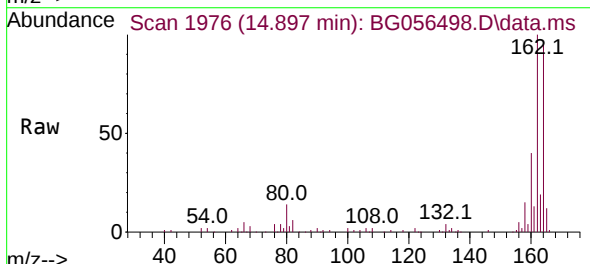
Tgt Ion:142 Resp: 24465
Ion Ratio Lower Upper
142 100
141 86.0 77.7 116.5
116 4.3 3.4 5.2

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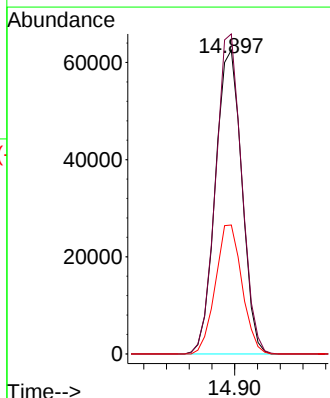
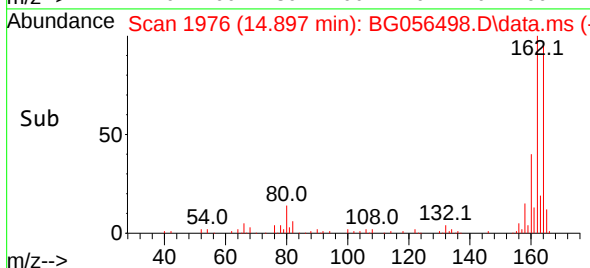
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

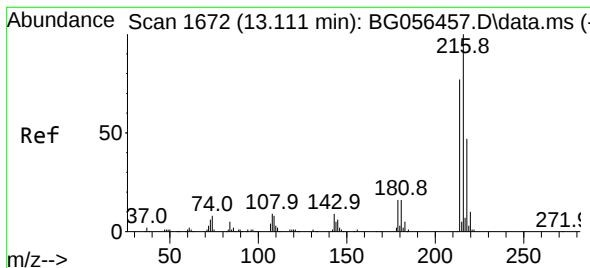


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



Tgt Ion:164 Resp: 100909
Ion Ratio Lower Upper
164 100
162 105.3 79.6 119.4
160 42.4 34.9 52.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.189 ng

RT: 13.105 min Scan# 1671

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:216 Resp: 1913

Ion Ratio Lower Upper

216 100

214 77.6 63.0 94.6

179 18.6 14.1 21.1

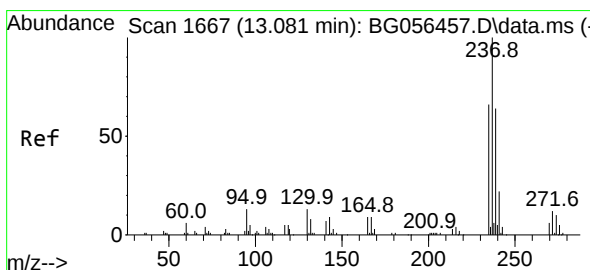
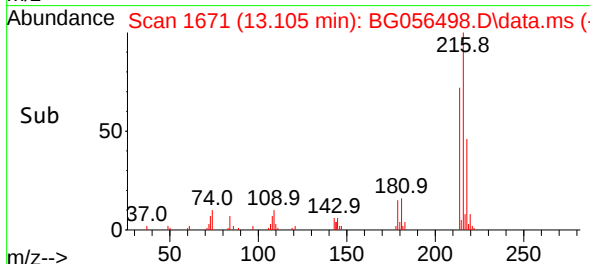
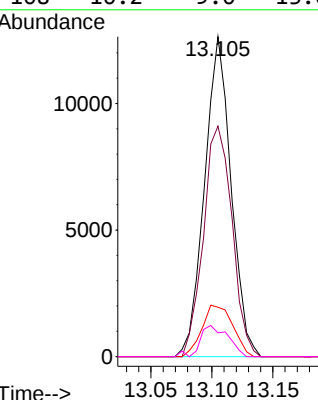
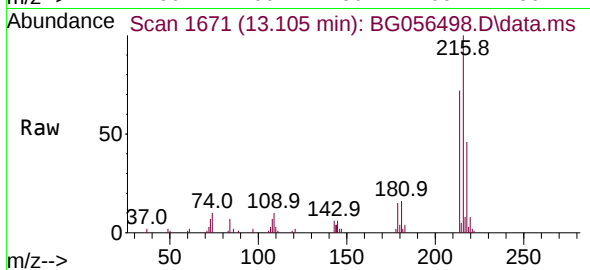
108 10.2 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#41

Hexachlorocyclopentadiene

Concen: 8.247 ng

RT: 13.081 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

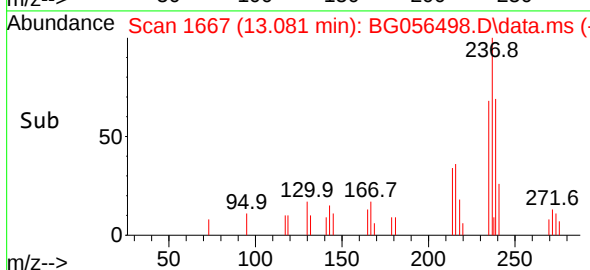
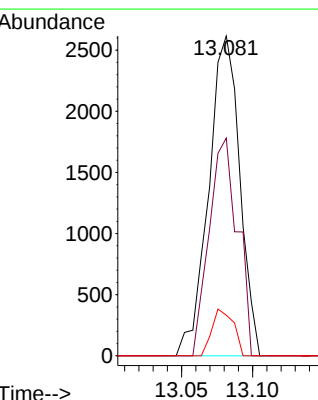
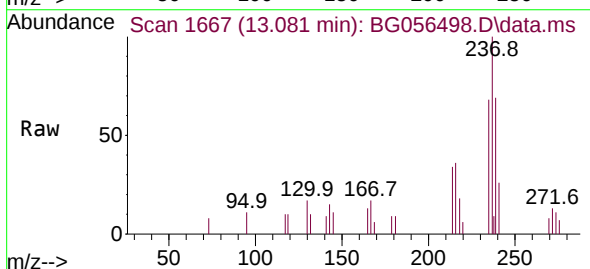
Tgt Ion:237 Resp: 3983

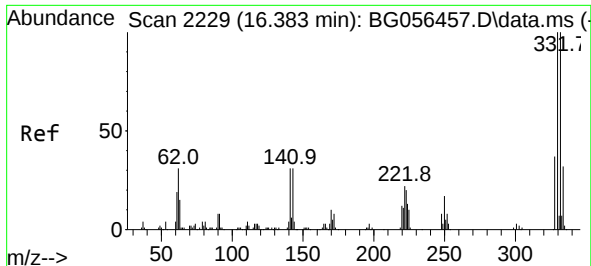
Ion Ratio Lower Upper

237 100

235 68.1 45.6 85.6

272 12.7 0.0 32.3





#42

2,4,6-Tribromophenol

Concen: 112.597 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:330 Resp: 15105

Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.6

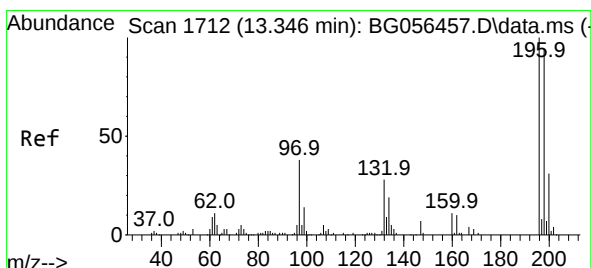
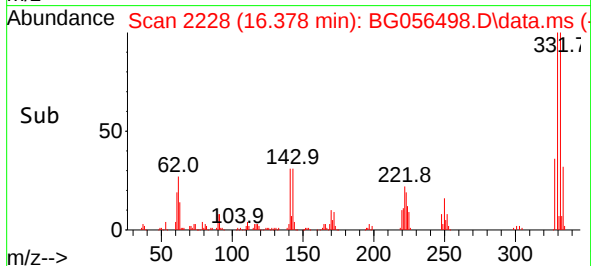
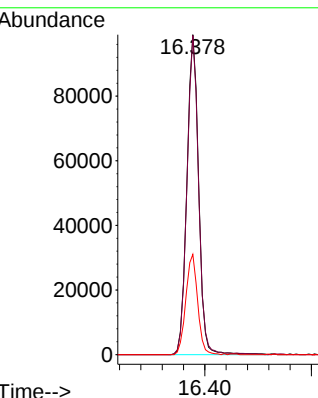
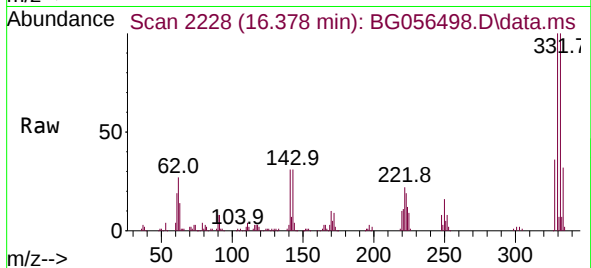
141 31.5 24.2 36.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#43

2,4,6-Trichlorophenol

Concen: 4.450 ng

RT: 13.340 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

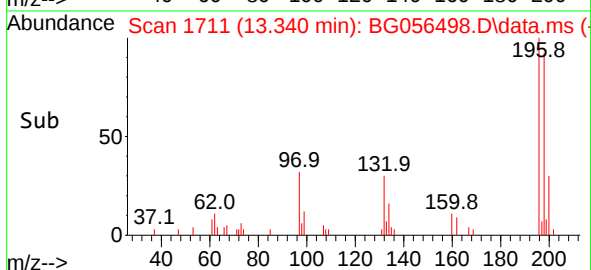
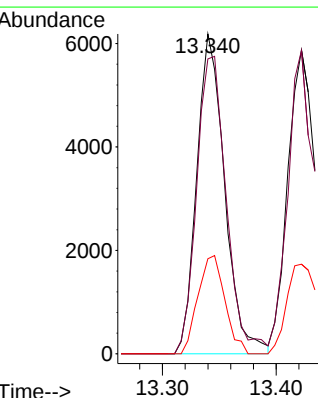
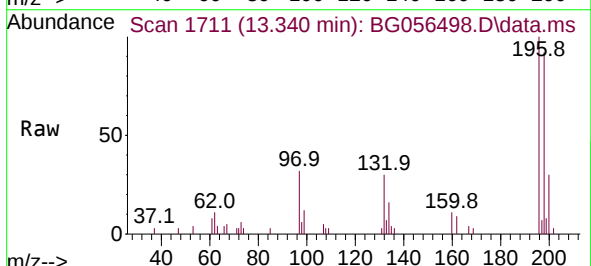
Tgt Ion:196 Resp: 10572

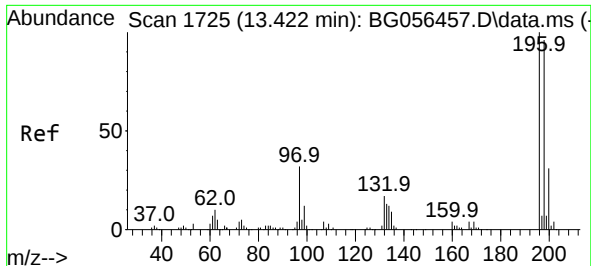
Ion Ratio Lower Upper

196 100

198 92.2 75.4 113.0

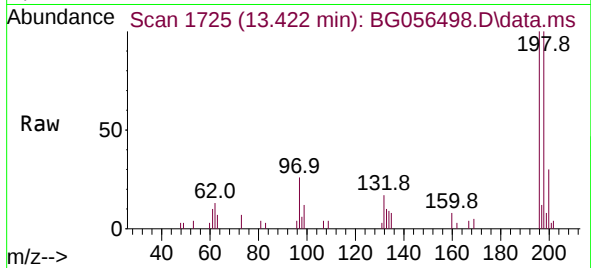
200 29.7 25.0 37.6





#44
2,4,5-Trichlorophenol
Concen: 4.101 ng
RT: 13.422 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

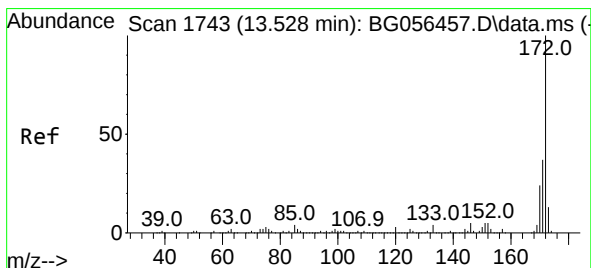
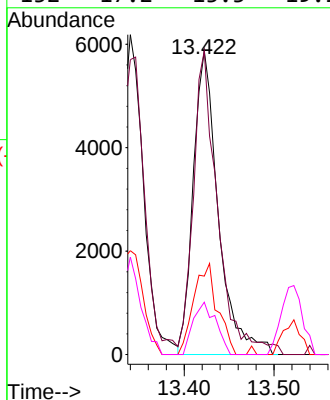
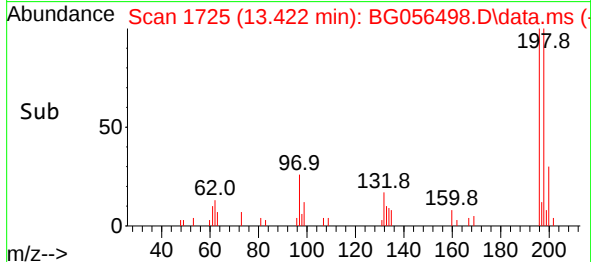
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



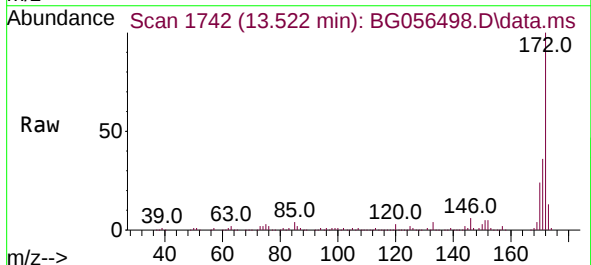
Tgt Ion:196 Resp: 11407
Ion Ratio Lower Upper
196 100
198 99.9 76.9 115.3
97 25.8 25.8 38.6
132 17.2 13.3 19.9

Manual Integrations
APPROVED

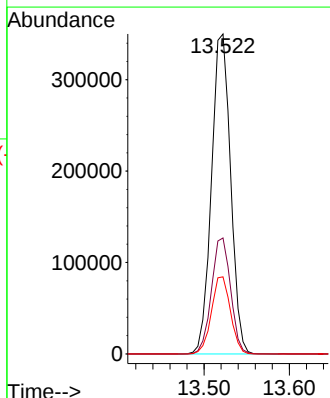
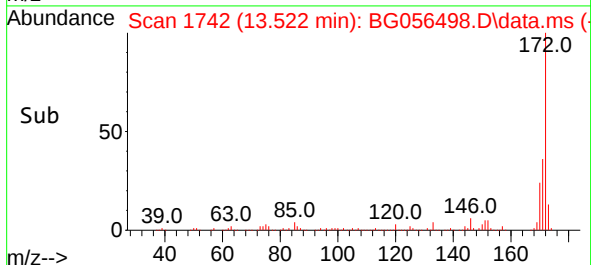
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

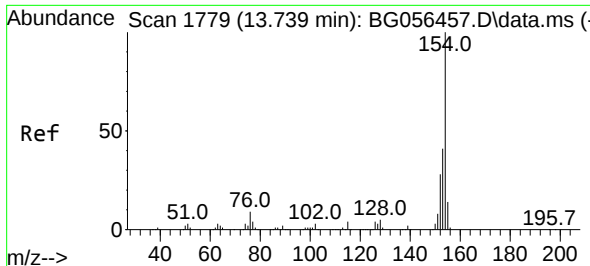


#45
2-Fluorobiphenyl
Concen: 74.843 ng
RT: 13.522 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



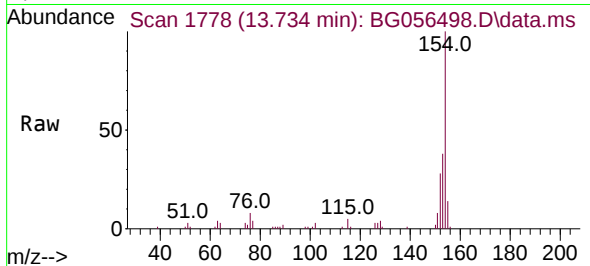
Tgt Ion:172 Resp: 544732
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.1 19.2 28.8





#46
1,1'-Biphenyl
Concen: 5.221 ng
RT: 13.734 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

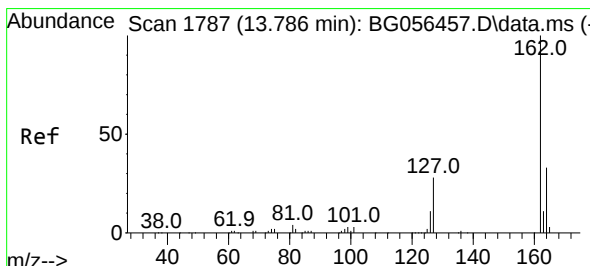
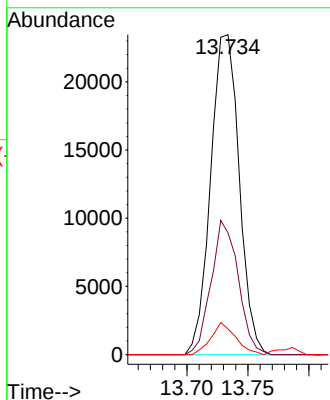
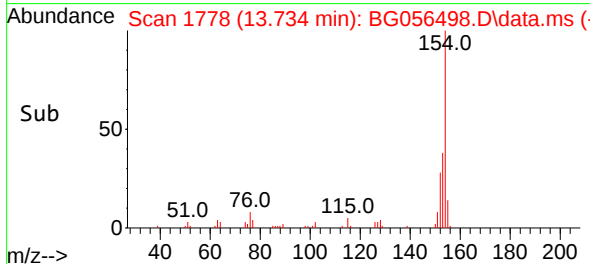
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



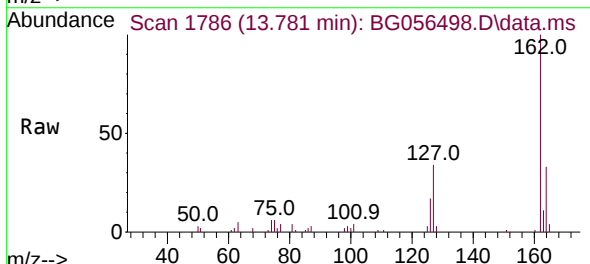
Tgt Ion:154 Resp: 38216
Ion Ratio Lower Upper
154 100
153 38.1 21.5 61.5
76 8.0 0.0 28.8

Manual Integrations
APPROVED

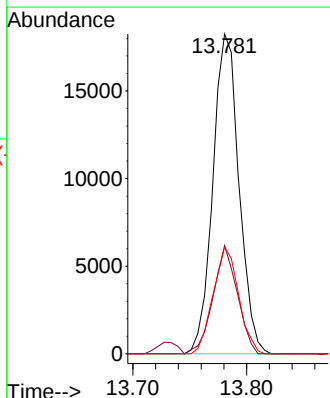
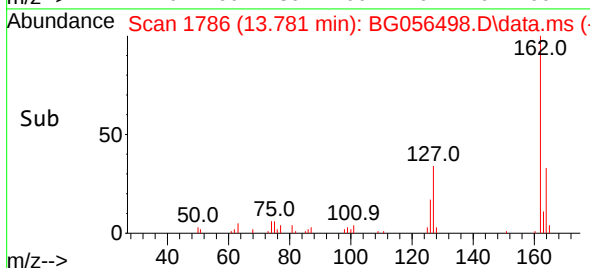
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

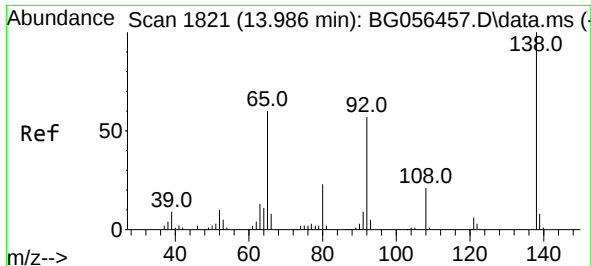


#47
2-Chloronaphthalene
Concen: 5.089 ng
RT: 13.781 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



Tgt Ion:162 Resp: 29113
Ion Ratio Lower Upper
162 100
127 33.8 25.2 37.8
164 33.4 26.2 39.2





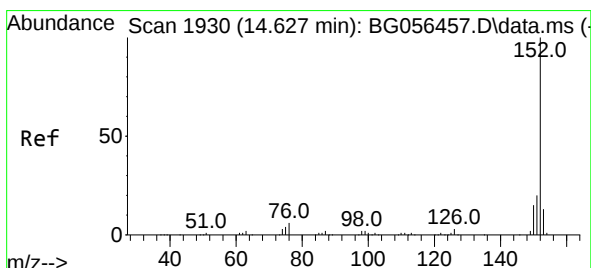
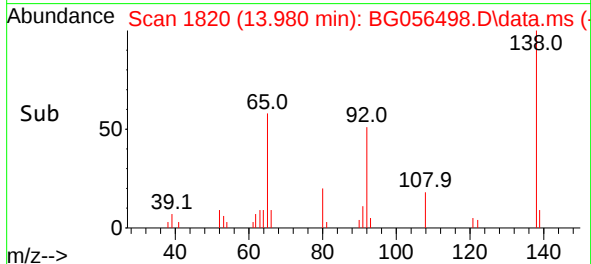
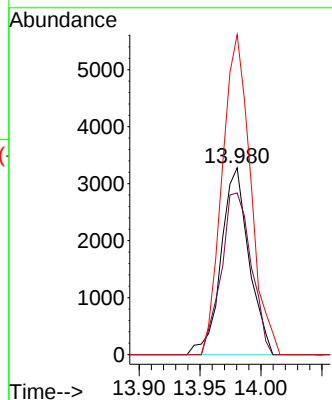
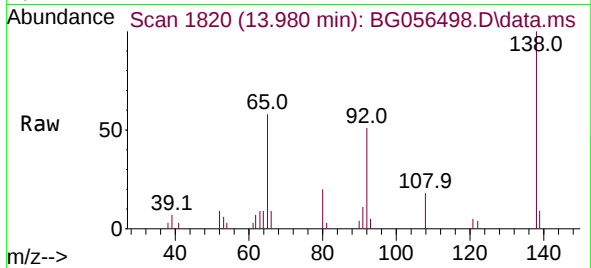
#48
2-Nitroaniline
Concen: 4.402 ng
RT: 13.980 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

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

Tgt Ion: 65 Resp: 5206
Ion Ratio Lower Upper
65 100
92 86.5 75.8 113.6
138 171.3 133.2 199.8

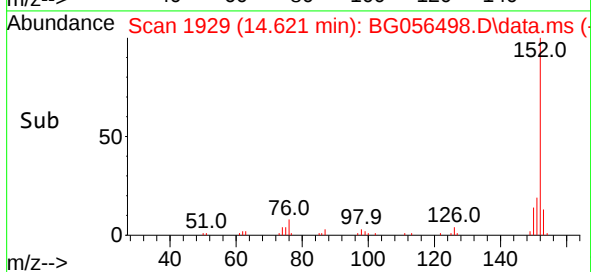
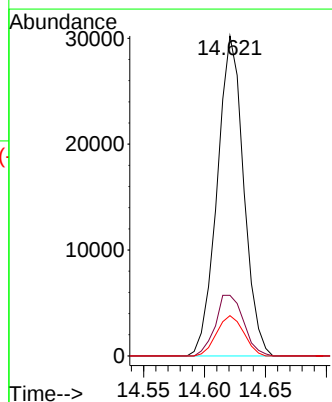
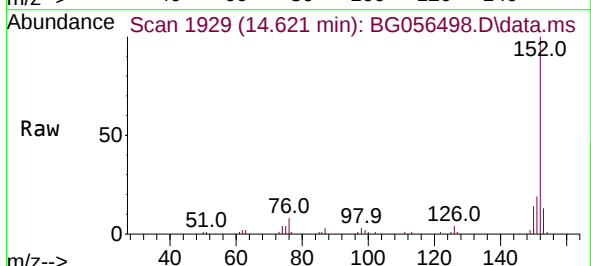
Manual Integrations
APPROVED

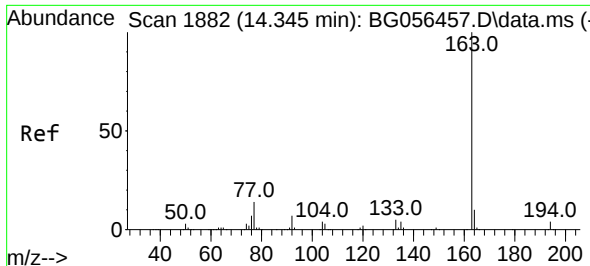
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#49
Acenaphthylene
Concen: 4.901 ng
RT: 14.621 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

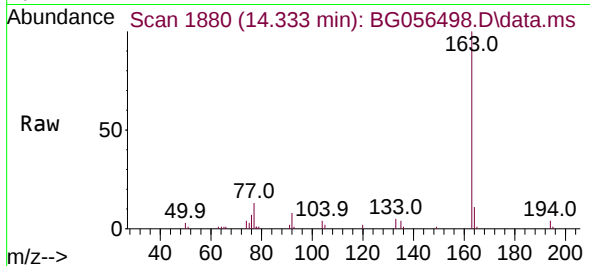
Tgt Ion:152 Resp: 45617
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 12.6 10.5 15.7





#50
Dimethylphthalate
Concen: 4.881 ng
RT: 14.333 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

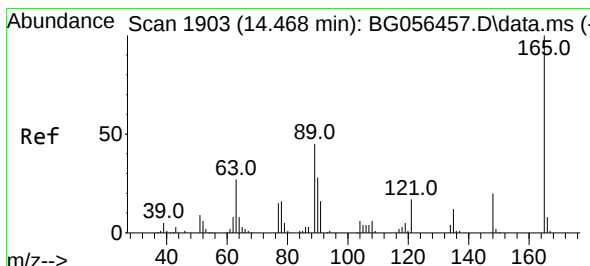
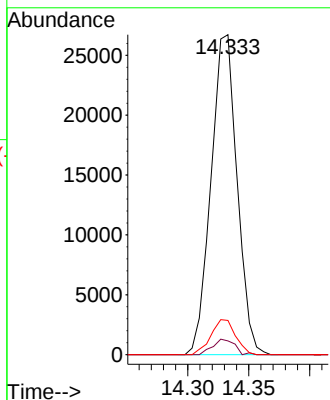
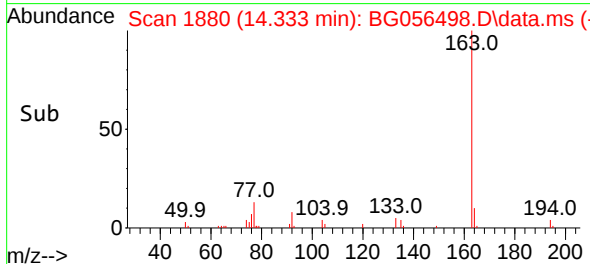
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:163 Resp: 3984
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.7 8.1 12.1

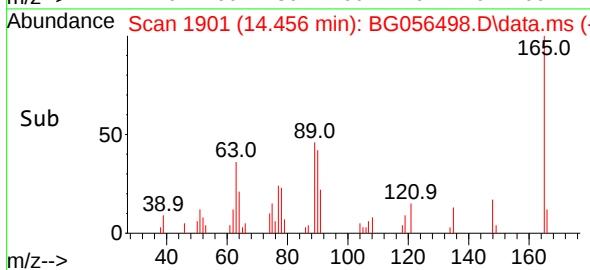
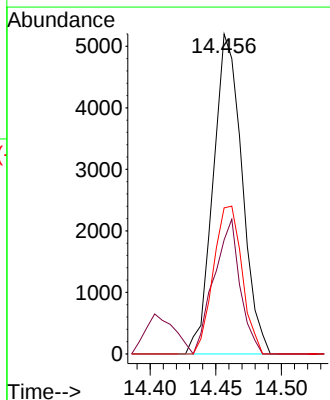
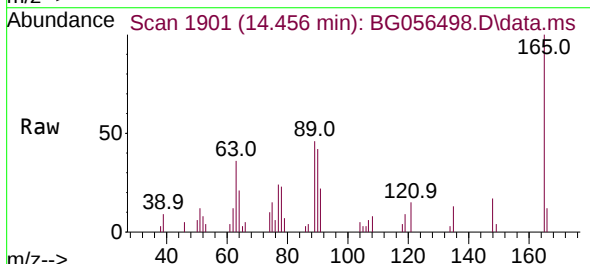
Manual Integrations
APPROVED

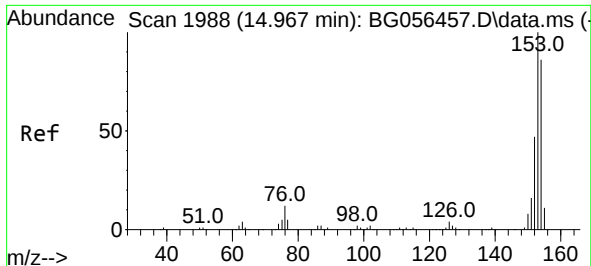
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#51
2,6-Dinitrotoluene
Concen: 4.463 ng
RT: 14.456 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

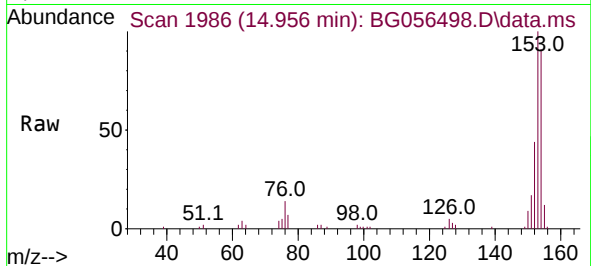
Tgt Ion:165 Resp: 7945
Ion Ratio Lower Upper
165 100
63 35.6 26.9 40.3
89 45.6 35.6 53.4





#52
Acenaphthene
Concen: 4.966 ng
RT: 14.956 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

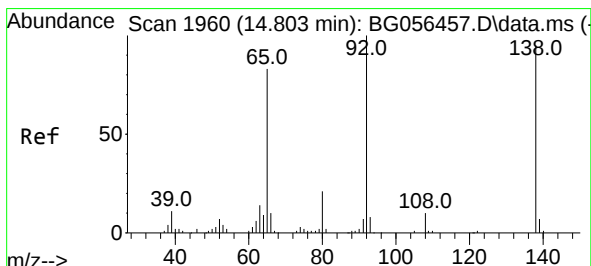
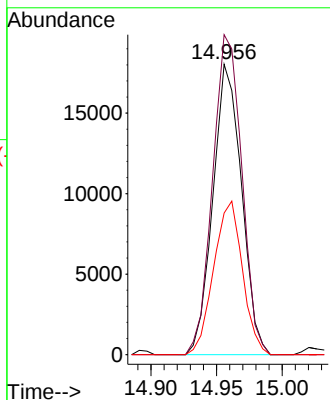
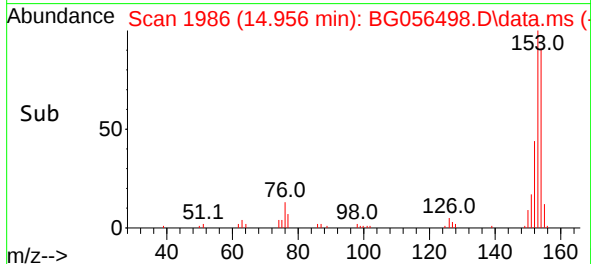
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



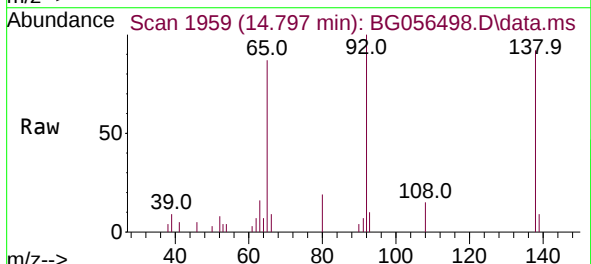
Tgt Ion:154 Resp: 27408
Ion Ratio Lower Upper
154 100
153 110.2 93.4 140.0
152 48.8 43.4 65.2

Manual Integrations
APPROVED

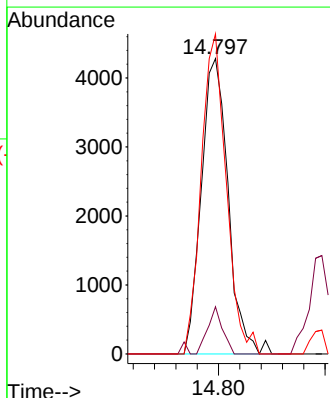
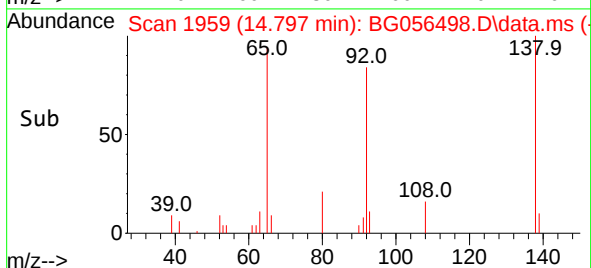
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

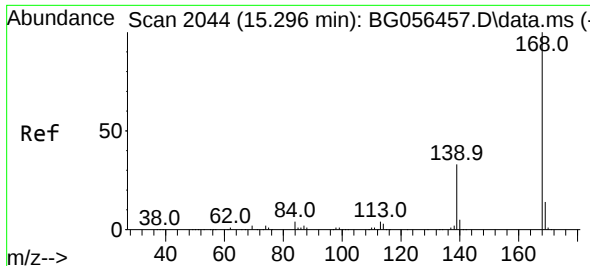


#53
3-Nitroaniline
Concen: 4.333 ng
RT: 14.797 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



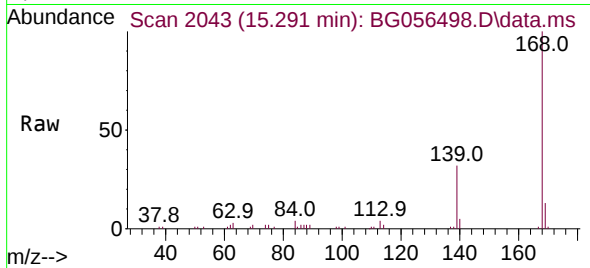
Tgt Ion:138 Resp: 7479
Ion Ratio Lower Upper
138 100
108 16.0 8.0 12.0#
92 108.4 84.1 126.1





#55
Dibenzofuran
Concen: 4.900 ng
RT: 15.291 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

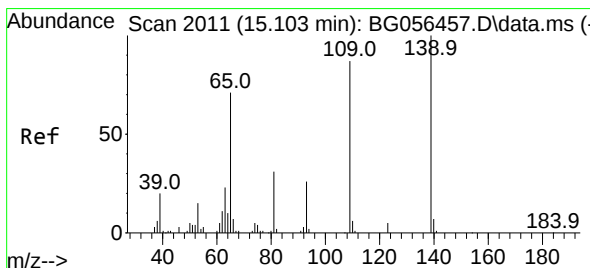
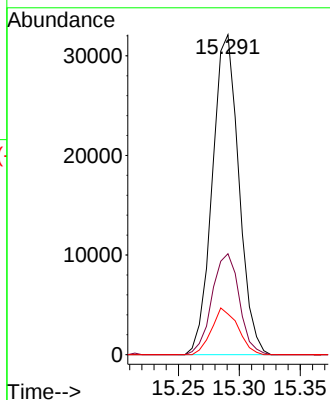
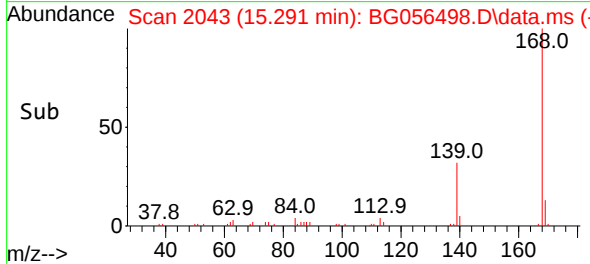
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 48500
Ion Ratio Lower Upper
168 100
139 31.5 26.2 39.2
169 12.7 11.0 16.6

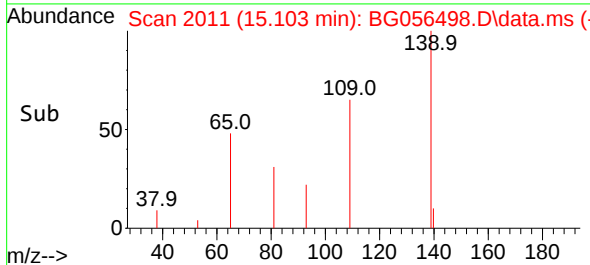
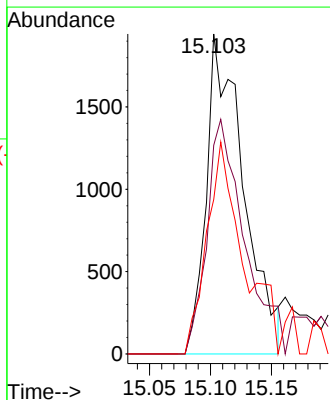
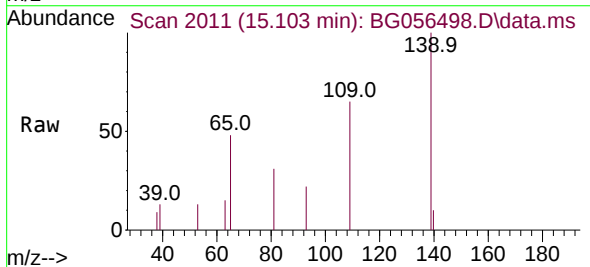
Manual Integrations
APPROVED

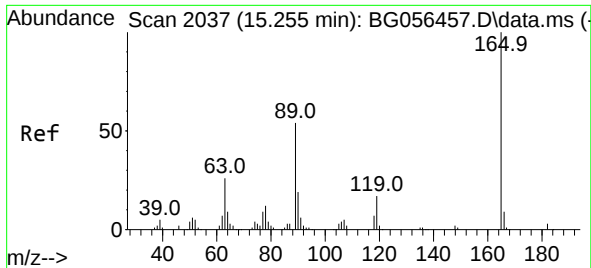
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#56
4-Nitrophenol
Concen: 3.498 ng
RT: 15.103 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:139 Resp: 4126
Ion Ratio Lower Upper
139 100
109 65.2 67.5 107.5#
65 48.3 50.7 90.7#





#57

2,4-Dinitrotoluene

Concen: 4.573 ng

RT: 15.249 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:165 Resp: 11469

Ion Ratio Lower Upper

165 100

63 24.5 20.6 31.0

89 51.1 43.1 64.7

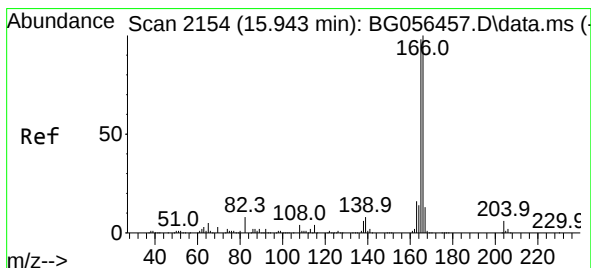
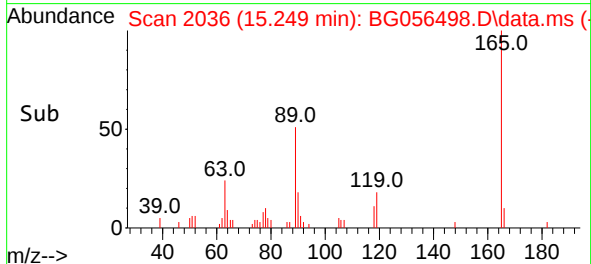
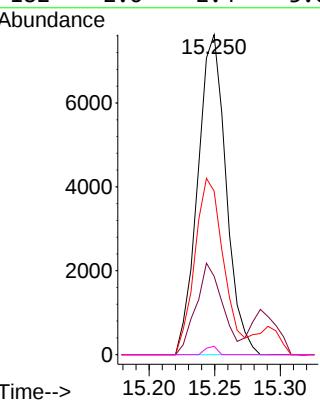
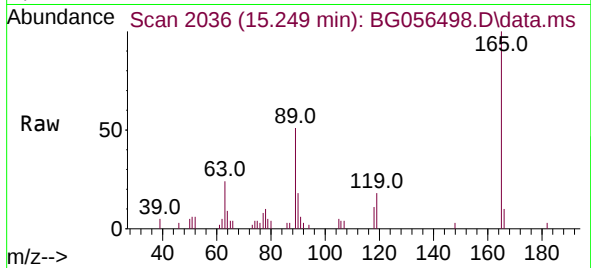
182 2.6 2.4 3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/02/2023

Supervised By :Jagrut Upadhyay 02/02/2023



#58

Fluorene

Concen: 4.998 ng

RT: 15.937 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

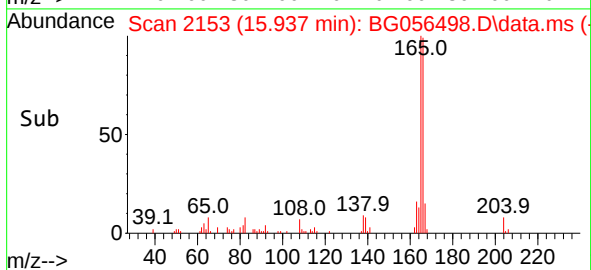
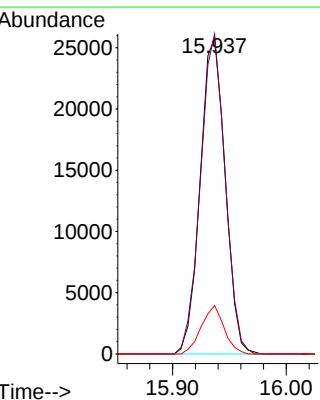
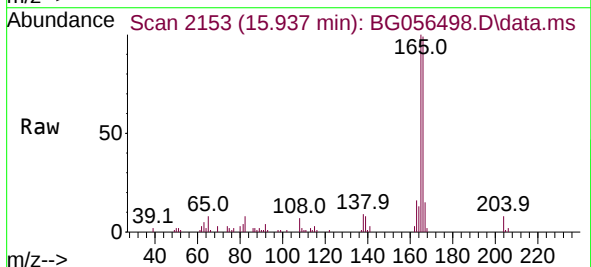
Tgt Ion:166 Resp: 39368

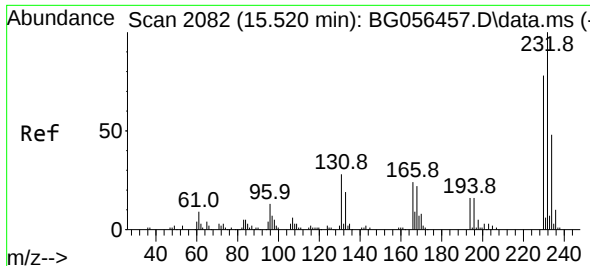
Ion Ratio Lower Upper

166 100

165 101.3 78.8 118.2

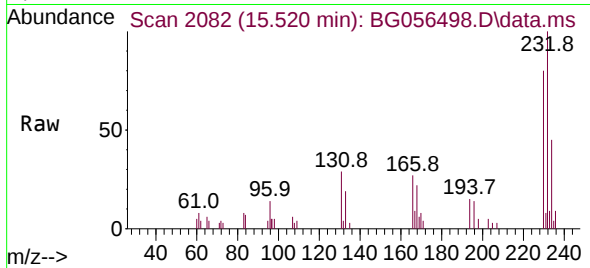
167 15.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.275 ng
RT: 15.520 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

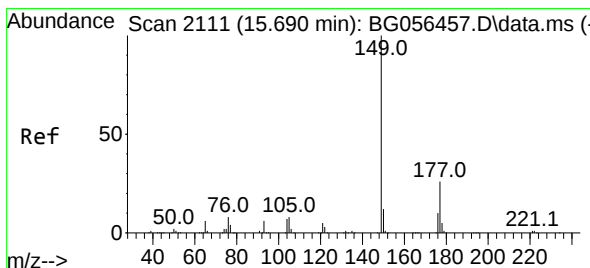
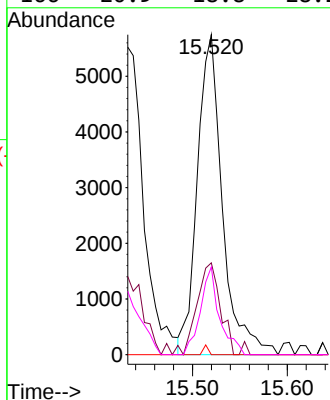
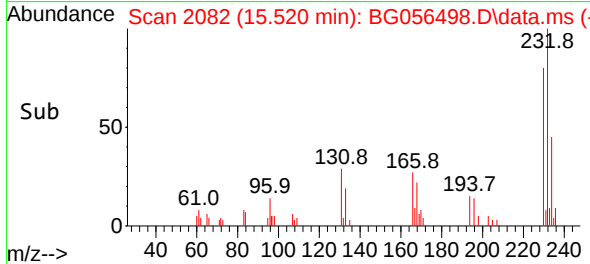
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 10573
Ion Ratio Lower Upper
232 100
131 26.6 22.8 34.2
130 0.6 1.4 2.0
166 20.9 18.8 28.2

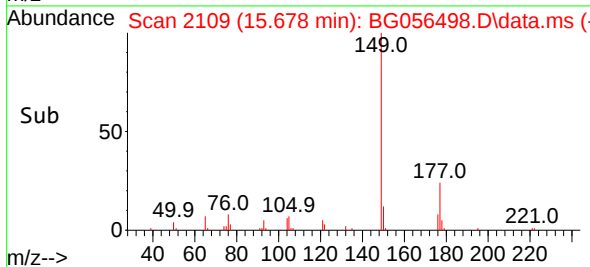
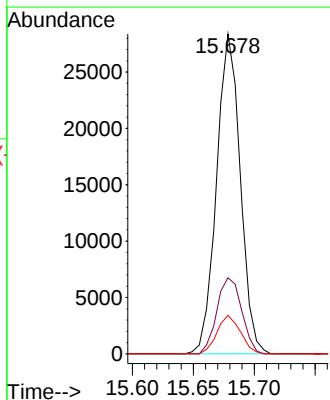
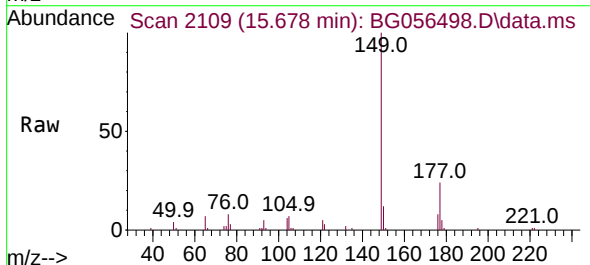
Manual Integrations
APPROVED

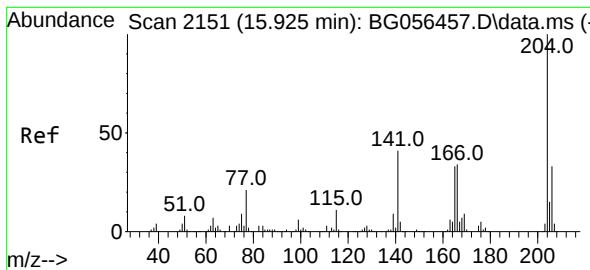
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#60
Diethylphthalate
Concen: 5.010 ng
RT: 15.678 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:149 Resp: 38408
Ion Ratio Lower Upper
149 100
177 23.8 21.0 31.4
150 12.0 9.9 14.9





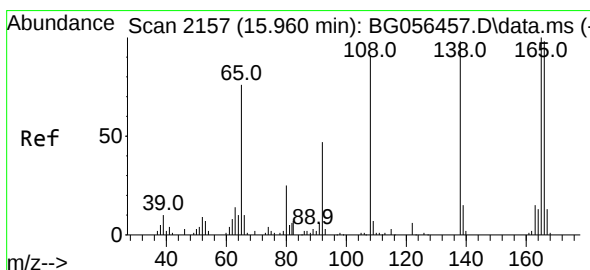
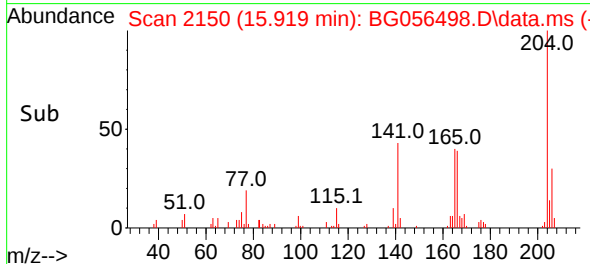
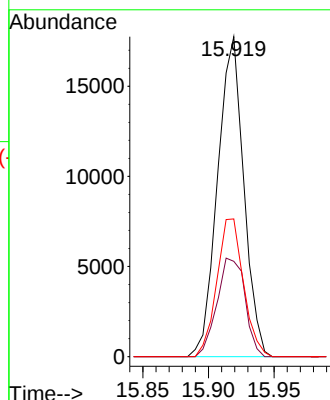
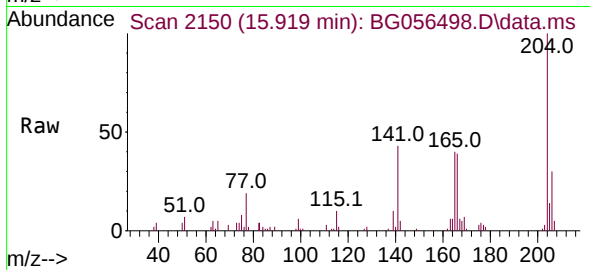
#61
4-Chlorophenyl-phenylether
Concen: 5.118 ng
RT: 15.919 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

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

Tgt Ion:204 Resp: 24600
Ion Ratio Lower Upper
204 100
206 29.8 26.2 39.4
141 43.0 32.7 49.1

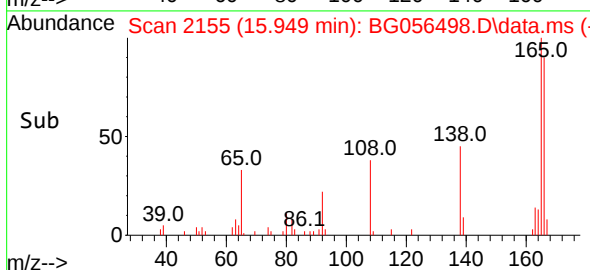
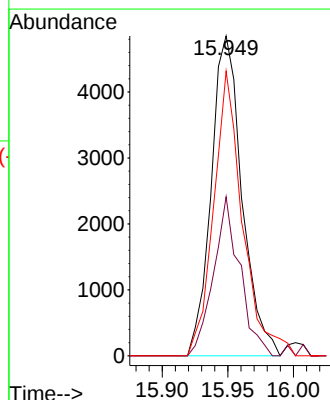
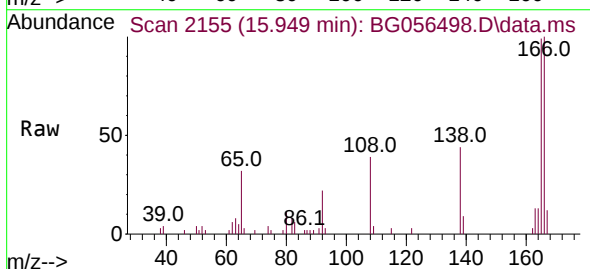
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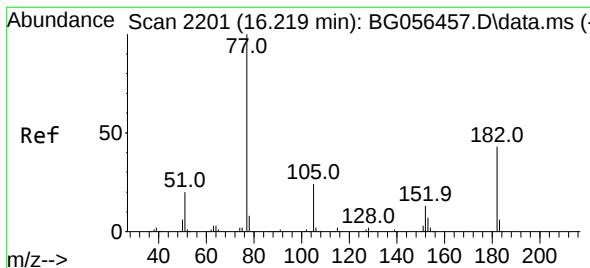
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#62
4-Nitroaniline
Concen: 4.587 ng
RT: 15.949 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:138 Resp: 7922
Ion Ratio Lower Upper
138 100
92 49.7 27.8 67.8
108 89.0 72.6 112.6





#63

Azobenzene

Concen: 4.818 ng

RT: 16.207 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 25415

Ion Ratio Lower Upper

77 100

182 40.1 23.1 63.1

105 23.0 4.2 44.2

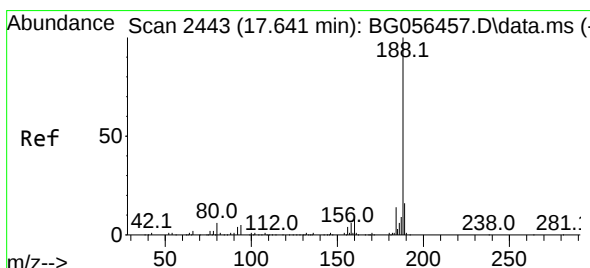
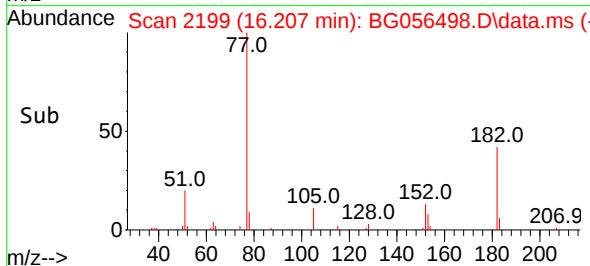
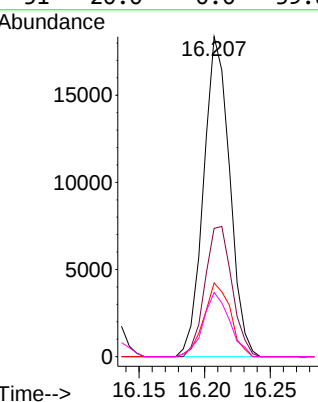
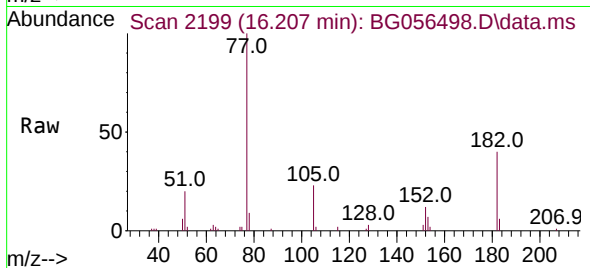
51 20.0 0.0 39.8

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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: BG056498.D

Acq: 1 Feb 2023 11:51

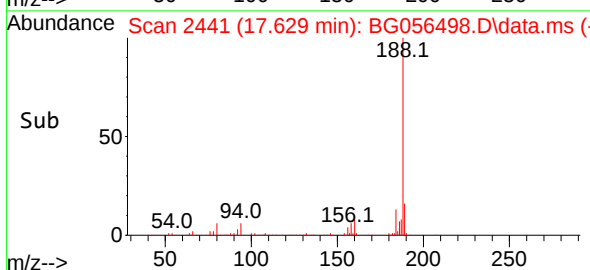
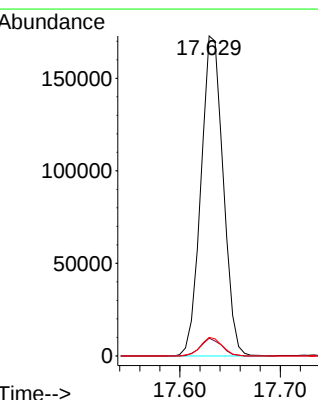
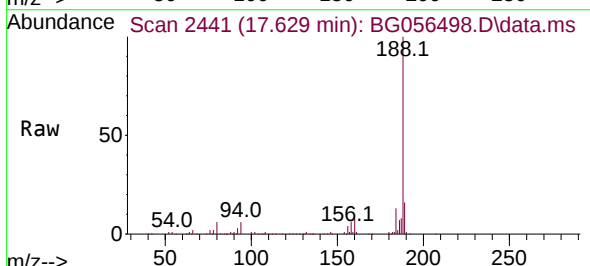
Tgt Ion:188 Resp: 266067

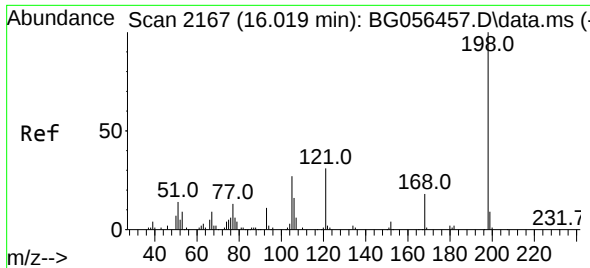
Ion Ratio Lower Upper

188 100

94 5.5 4.1 6.1

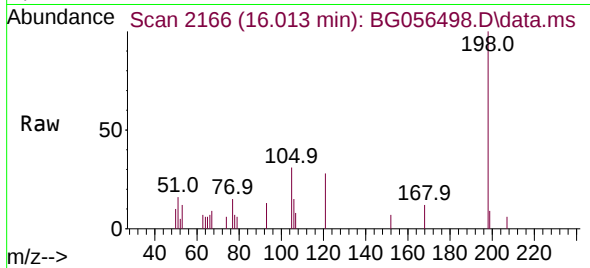
80 5.8 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 3.139 ng
RT: 16.013 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

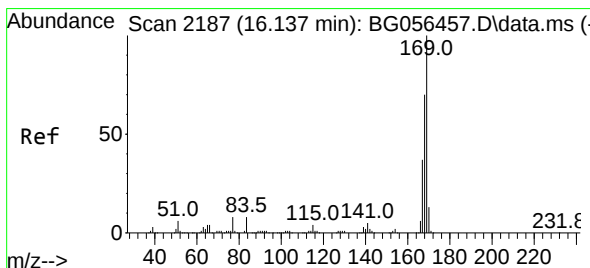
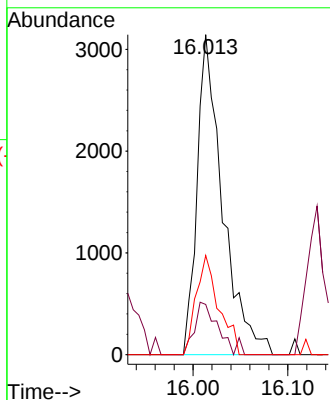
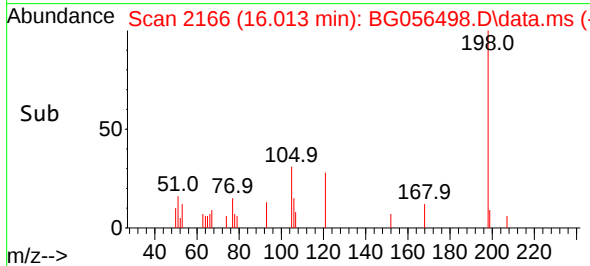
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



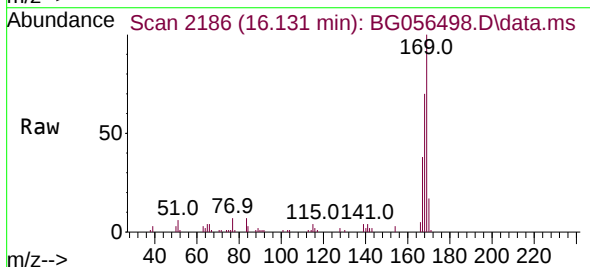
Tgt Ion:198 Resp: 5871
Ion Ratio Lower Upper
198 100
51 15.7 0.0 35.0
105 31.0 7.4 47.4

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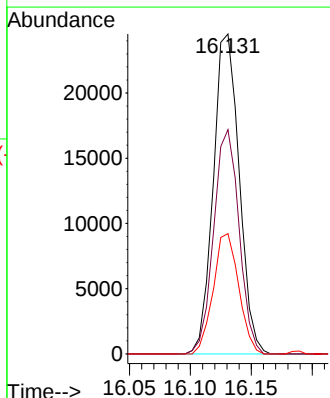
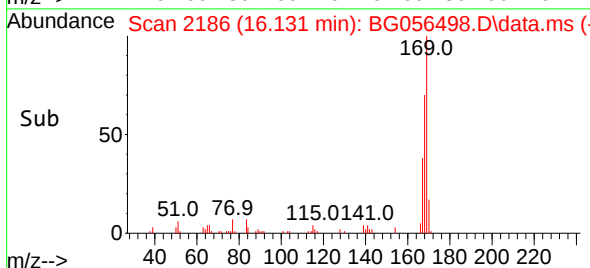
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

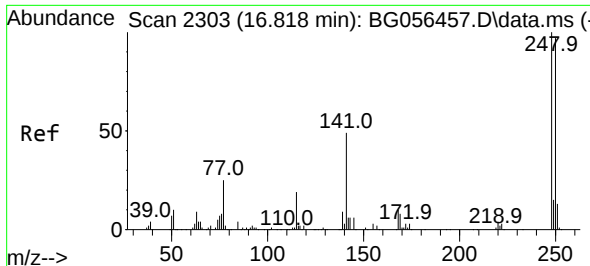


#66
n-Nitrosodiphenylamine
Concen: 4.810 ng
RT: 16.131 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



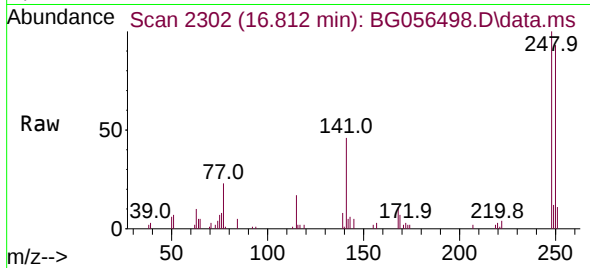
Tgt Ion:169 Resp: 36238
Ion Ratio Lower Upper
169 100
168 70.1 55.8 83.6
167 37.6 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 4.810 ng
RT: 16.812 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

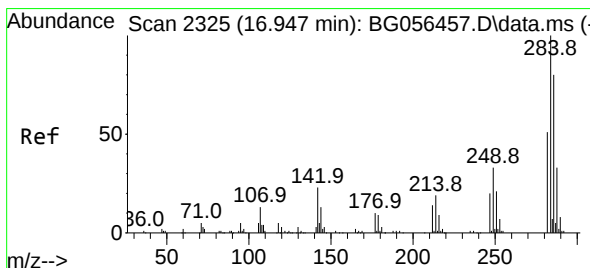
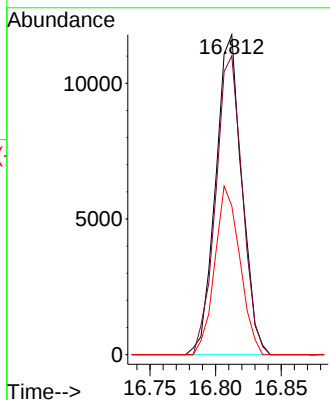
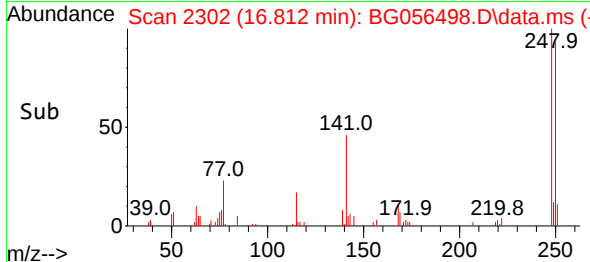
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



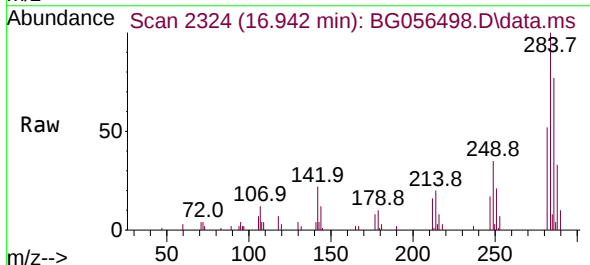
Tgt Ion:248 Resp: 16382
Ion Ratio Lower Upper
248 100
250 93.4 77.6 116.4
141 46.4 39.0 58.4

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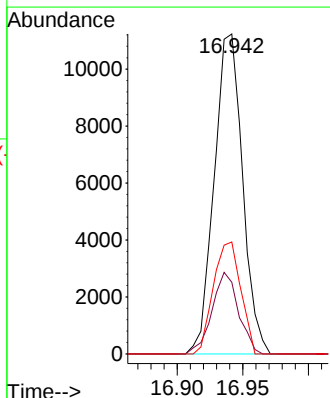
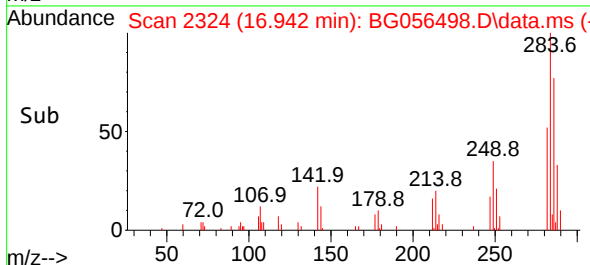
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

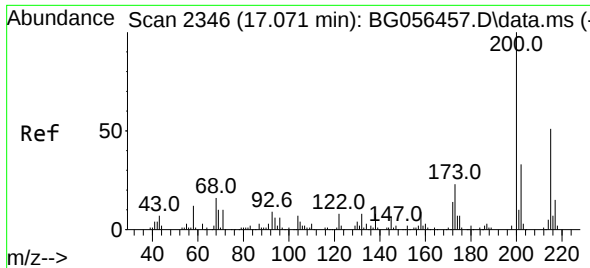


#68
Hexachlorobenzene
Concen: 5.056 ng
RT: 16.942 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



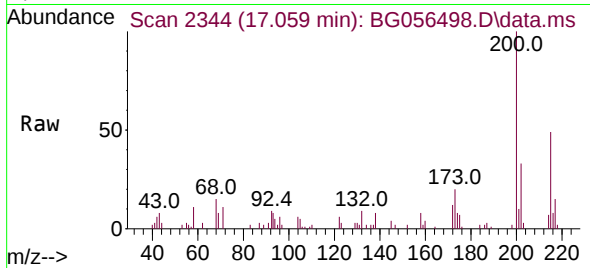
Tgt Ion:284 Resp: 16868
Ion Ratio Lower Upper
284 100
142 26.4 18.0 27.0
249 37.7 26.7 40.1





#69
 Atrazine
 Concen: 5.236 ng
 RT: 17.059 min Scan# 2344
 Delta R.T. -0.012 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

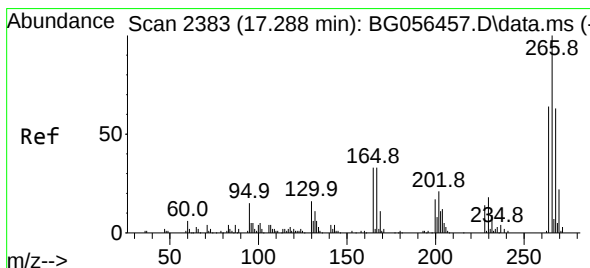
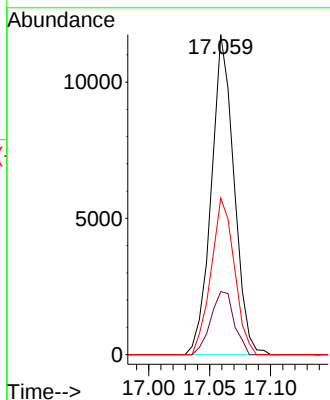
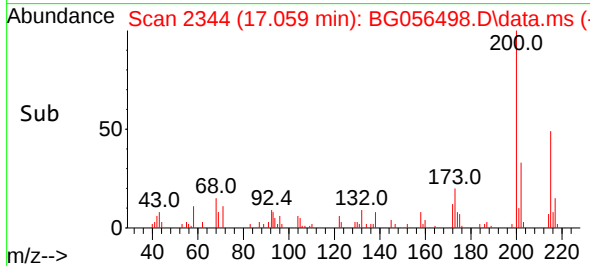
Instrument : BNA_G
 ClientSampleId : LOQ-WATER-02-QT4-2022



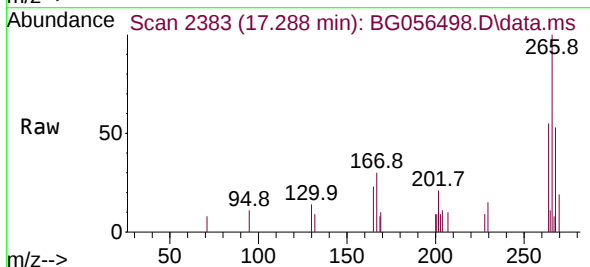
Tgt Ion:200 Resp: 15218
 Ion Ratio Lower Upper
 200 100
 173 19.7 3.2 43.2
 215 49.0 30.7 70.7

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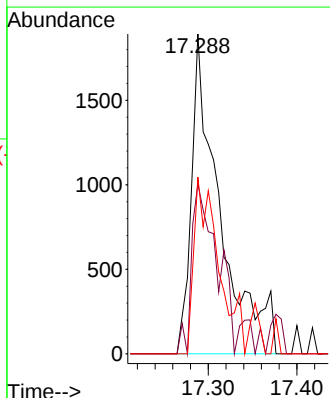
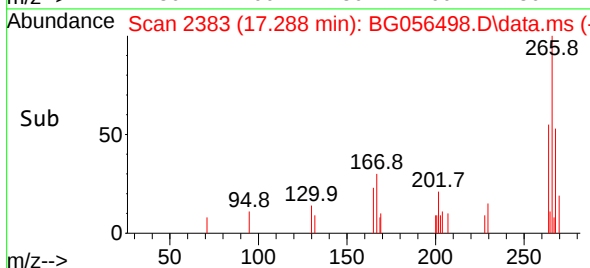
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023

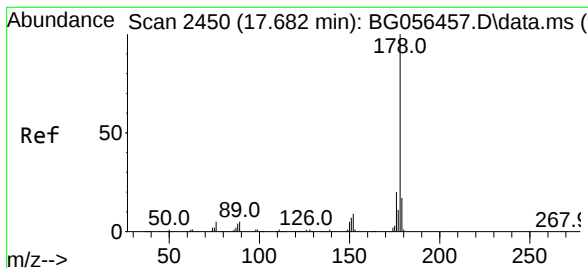


#70
 Pentachlorophenol
 Concen: 2.081 ng m
 RT: 17.288 min Scan# 2383
 Delta R.T. 0.006 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51



Tgt Ion:266 Resp: 4201
 Ion Ratio Lower Upper
 266 100
 268 53.2 50.2 75.4
 264 55.2 51.4 77.0





#71

Phenanthrene

Concen: 4.966 ng

RT: 17.676 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

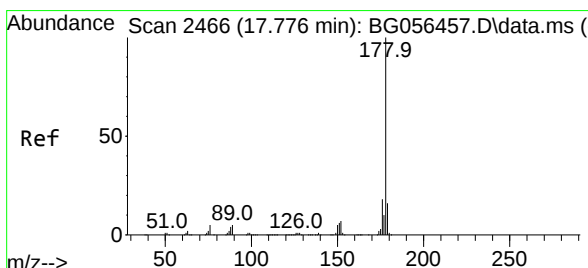
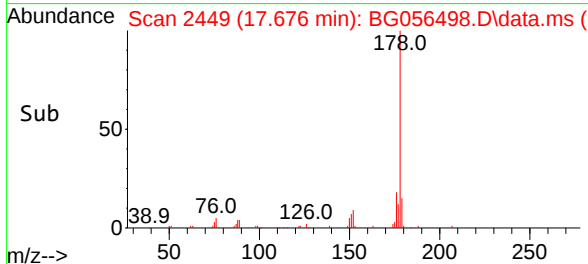
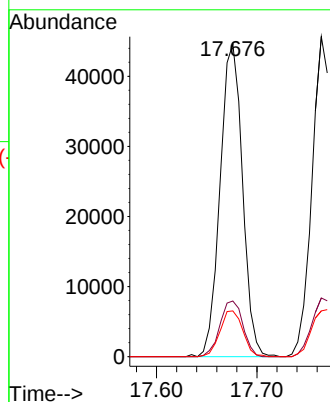
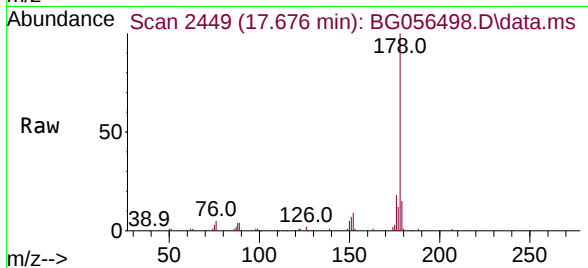
LOQ-WATER-02-QT4-2022

Tgt Ion:178	Resp:	69153
Ion Ratio	Lower	Upper
178	100	
176	17.8	15.6 23.4
179	14.6	13.3 19.9

Manual Integrations

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



#72

Anthracene

Concen: 4.773 ng

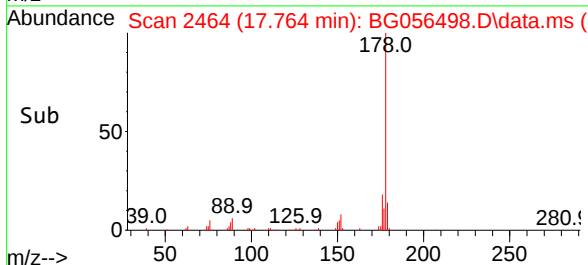
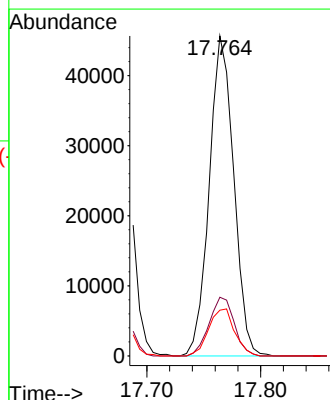
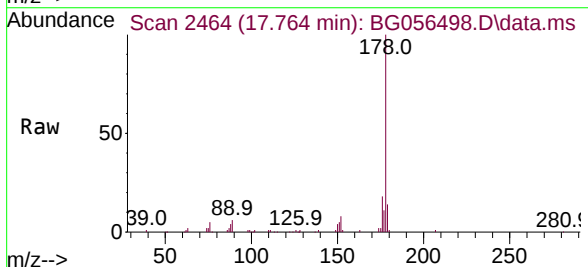
RT: 17.764 min Scan# 2464

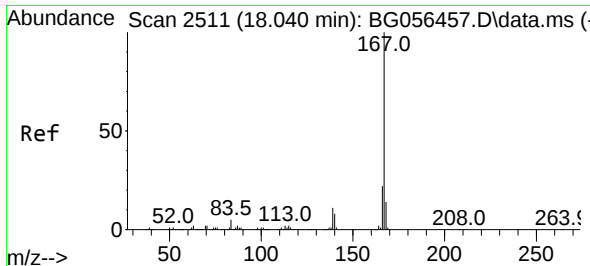
Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

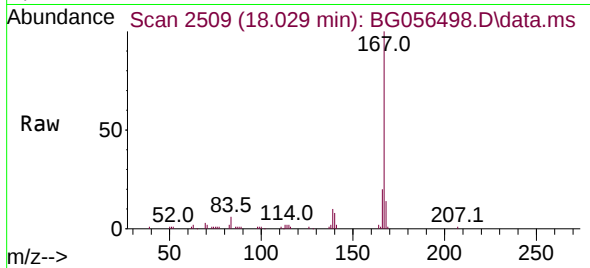
Tgt Ion:178	Resp:	68229
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.5 21.7
179	14.3	12.5 18.7





#73
 Carbazole
 Concen: 4.990 ng
 RT: 18.029 min Scan# 2509
 Delta R.T. -0.006 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

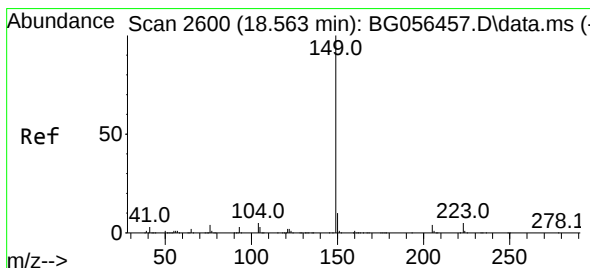
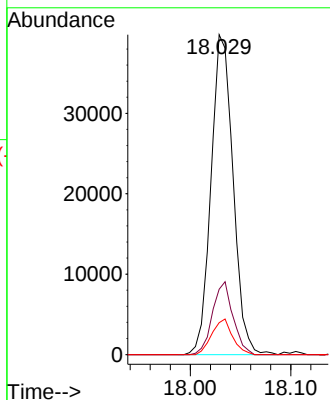
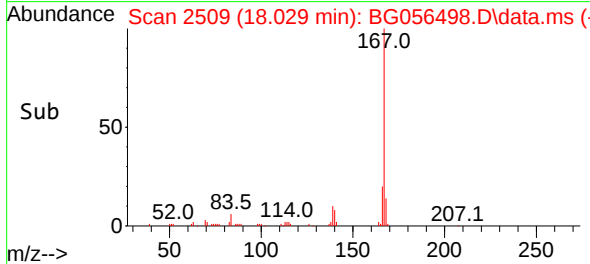
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



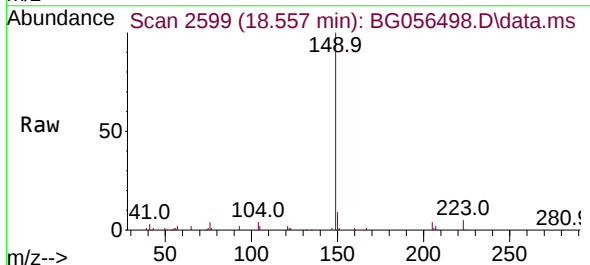
Tgt Ion:167 Resp: 60756
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.8 26.6
 139 10.0 8.9 13.3

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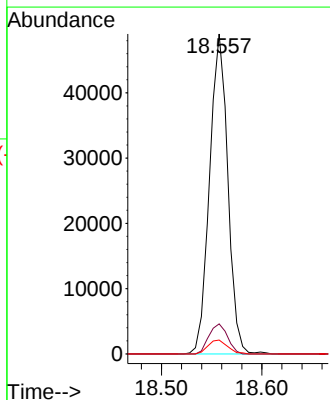
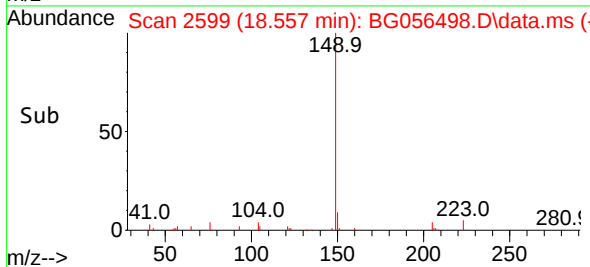
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023

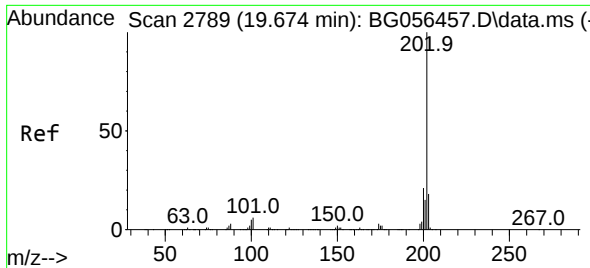


#74
 Di-n-butylphthalate
 Concen: 4.838 ng
 RT: 18.557 min Scan# 2599
 Delta R.T. -0.006 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51



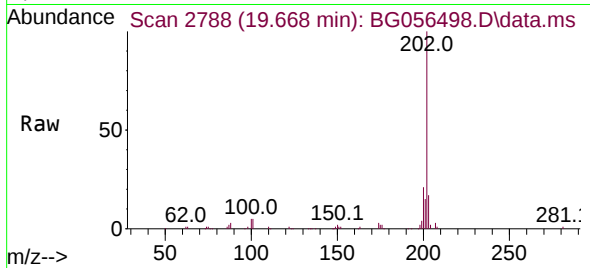
Tgt Ion:149 Resp: 61847
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.3 4.0 6.0





#75
Fluoranthene
Concen: 4.934 ng
RT: 19.668 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

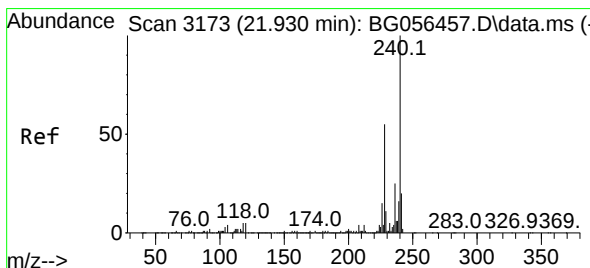
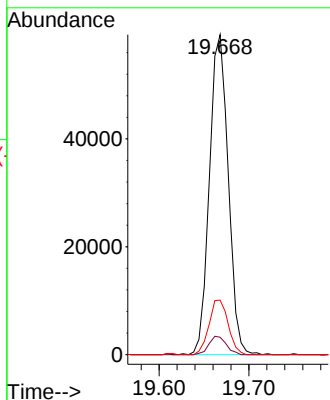
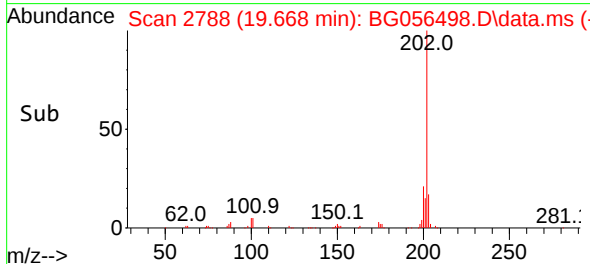
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



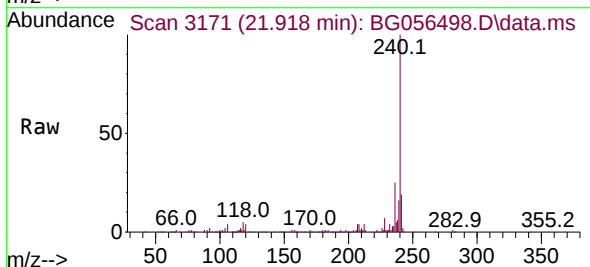
Tgt Ion:202 Resp: 86719
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.6
203 17.0 0.0 38.1

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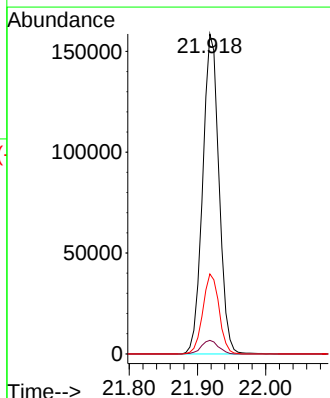
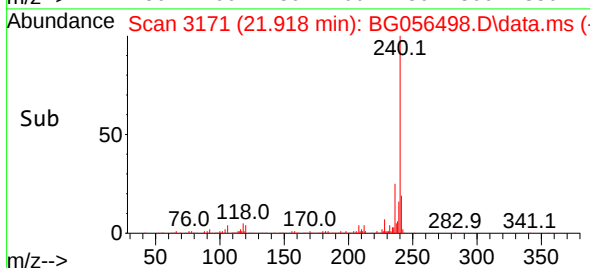
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

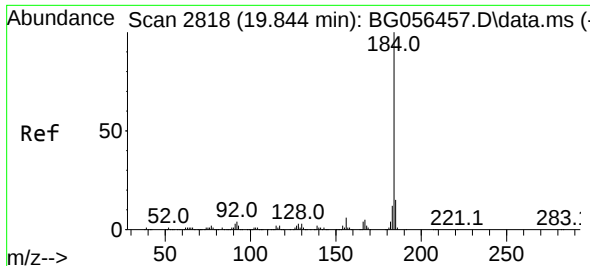


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



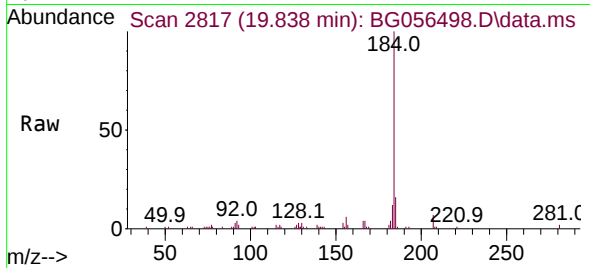
Tgt Ion:240 Resp: 263458
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.0 20.2 30.2





#77
Benzidine
Concen: 6.263 ng
RT: 19.838 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

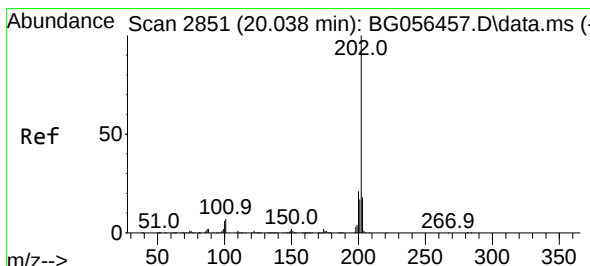
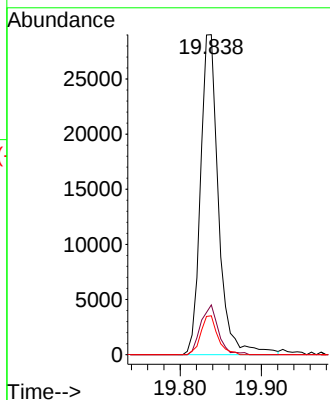
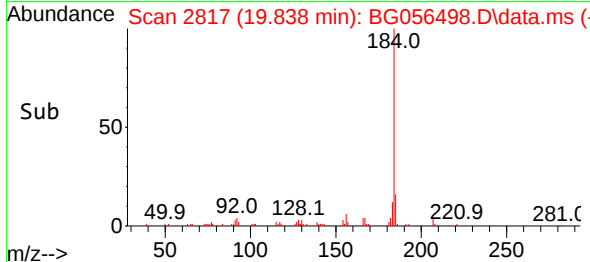
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



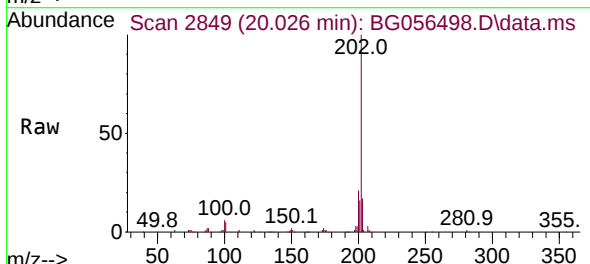
Tgt Ion:184 Resp: 44651
Ion Ratio Lower Upper
184 100
185 15.5 12.3 18.5
183 12.1 9.8 14.8

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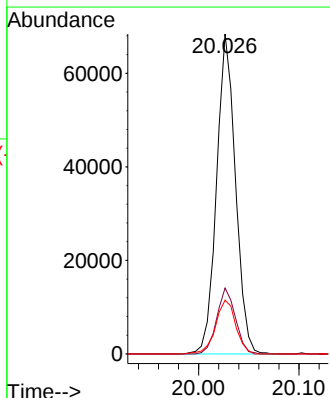
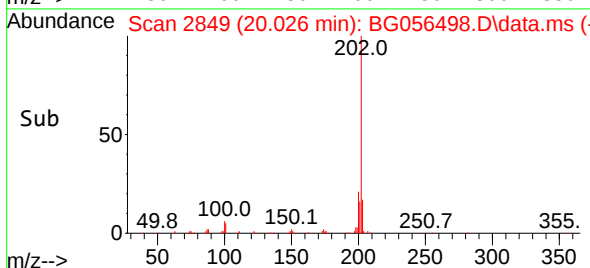
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

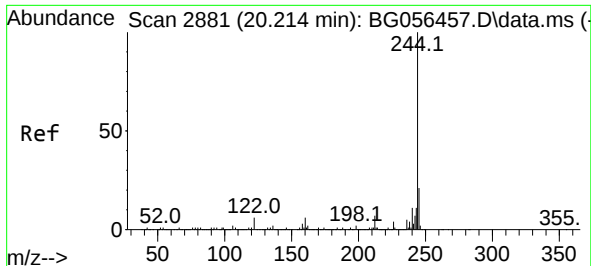


#78
Pyrene
Concen: 4.792 ng
RT: 20.026 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51



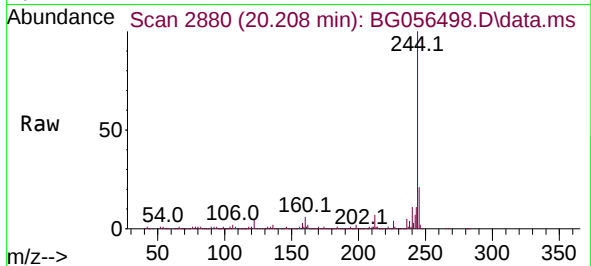
Tgt Ion:202 Resp: 89798
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 16.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 70.723 ng
 RT: 20.208 min Scan# 2880
 Delta R.T. -0.000 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

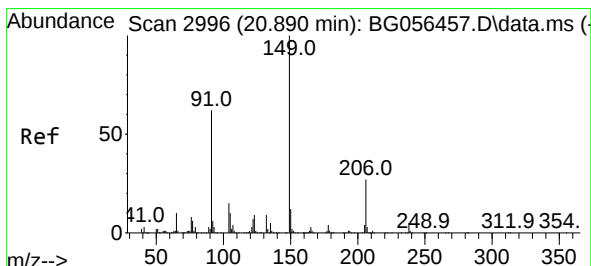
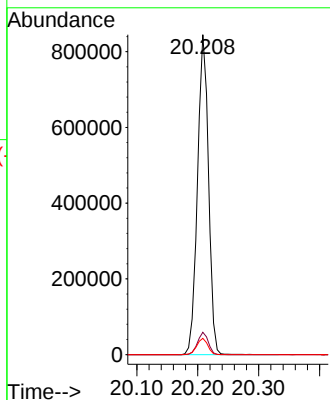
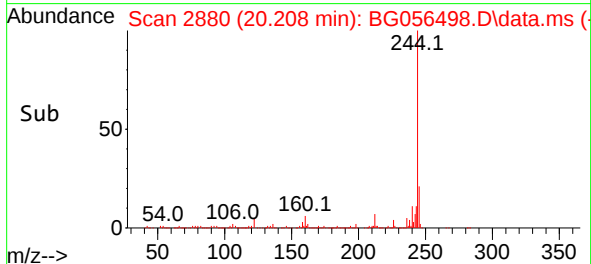
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:244 Resp: 1060852
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.1 4.4 6.6

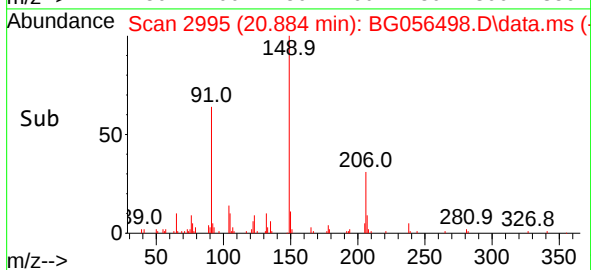
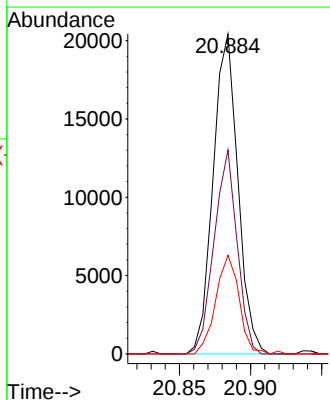
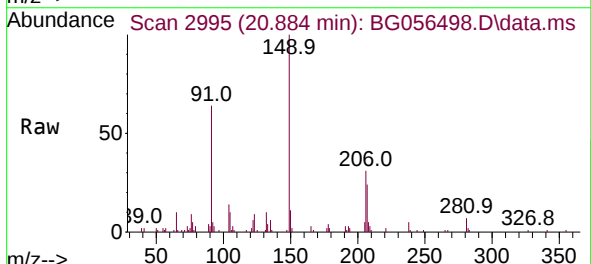
Manual Integrations
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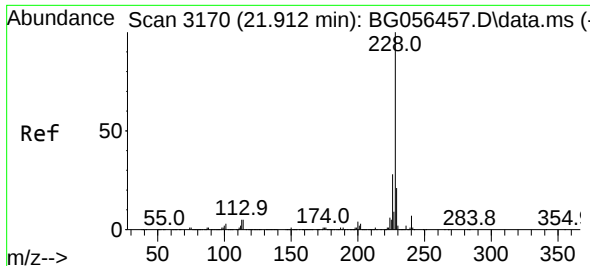
Reviewed By :Christian Giraldo 02/02/2023
 Supervised By :Jagrut Upadhyay 02/02/2023



#80
 Butylbenzylphthalate
 Concen: 4.334 ng
 RT: 20.884 min Scan# 2995
 Delta R.T. -0.000 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

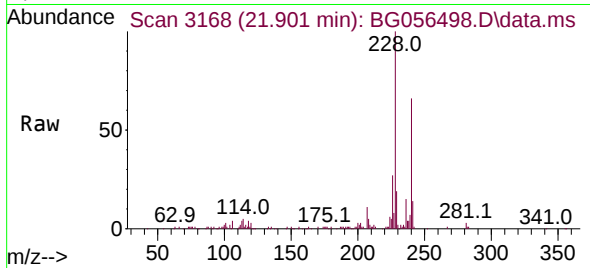
Tgt Ion:149 Resp: 24800
 Ion Ratio Lower Upper
 149 100
 91 63.7 49.4 74.0
 206 30.8 22.0 33.0





#81
Benzo(a)anthracene
Concen: 4.814 ng
RT: 21.901 min Scan# 311
Delta R.T. -0.000 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

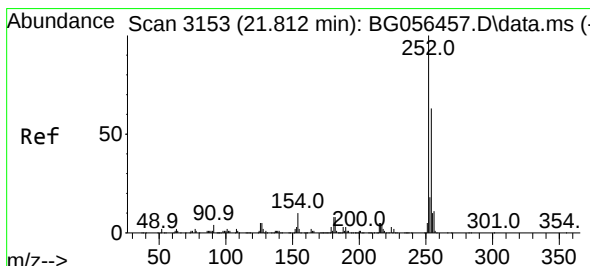
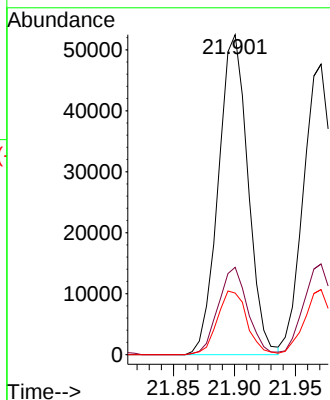
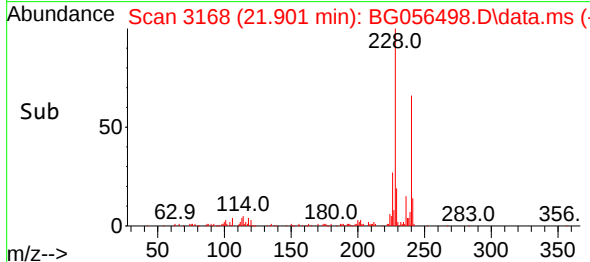
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 88660
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 19.2 16.5 24.7

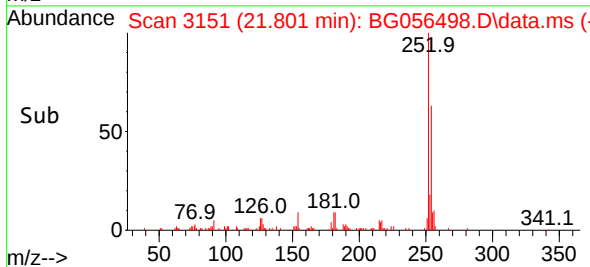
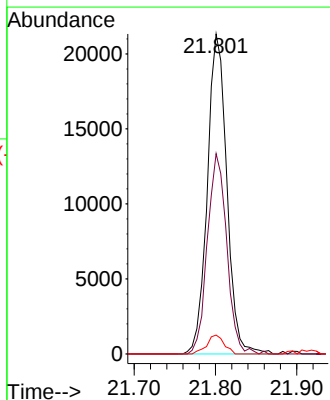
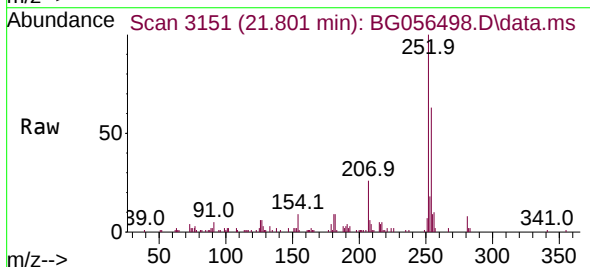
Manual Integrations
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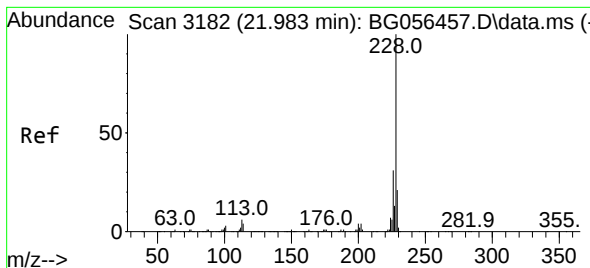
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 5.367 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:252 Resp: 35599
Ion Ratio Lower Upper
252 100
254 62.6 50.0 75.0
126 5.9 4.3 6.5





#83

Chrysene

Concen: 4.695 ng

RT: 21.971 min Scan# 3182

Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

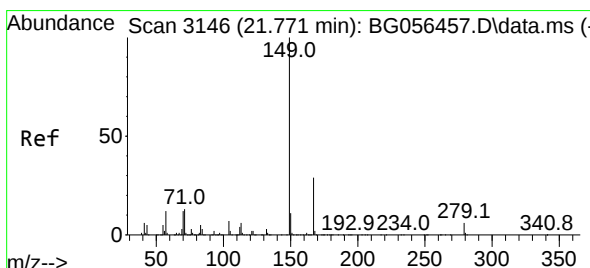
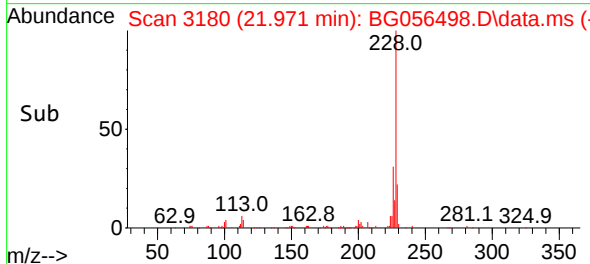
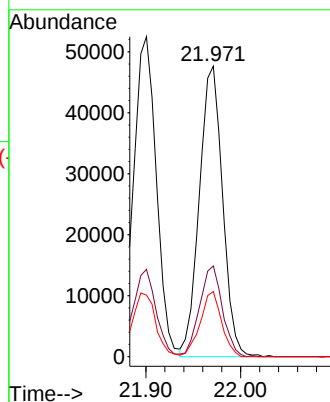
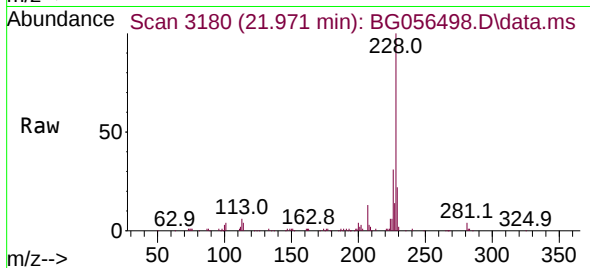
LOQ-WATER-02-QT4-2022

Tgt Ion:	228	Resp:	8124
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.4
229	22.4	16.4	24.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.425 ng

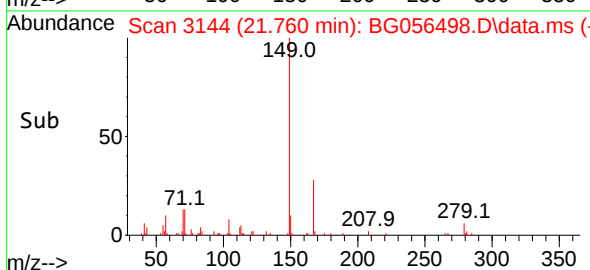
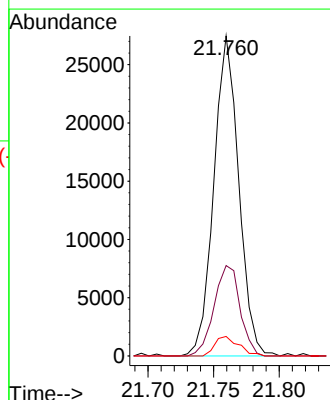
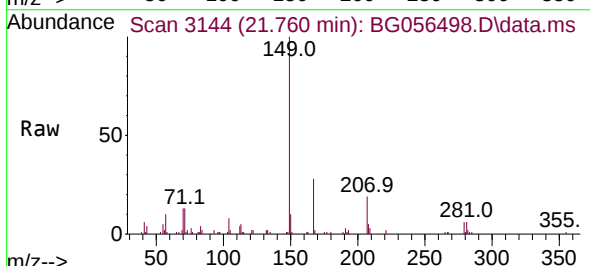
RT: 21.760 min Scan# 3144

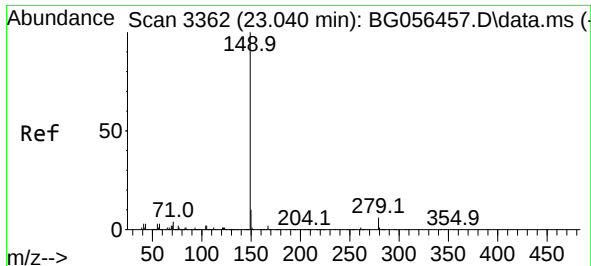
Delta R.T. -0.006 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

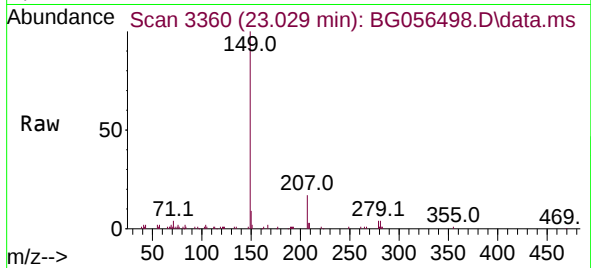
Tgt Ion:	149	Resp:	36306
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.4	35.2
279	6.1	4.4	6.6





#85
Di-n-octyl phthalate
Concen: 4.556 ng
RT: 23.029 min Scan# 3362
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

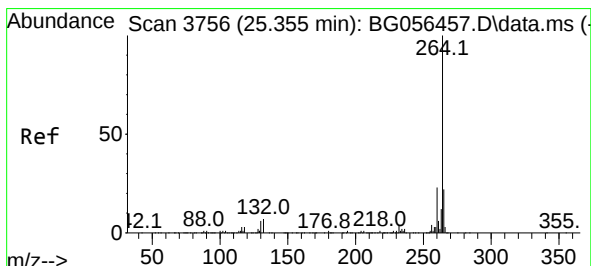
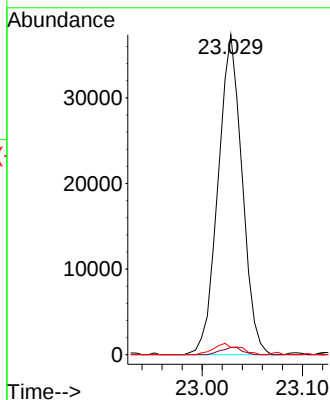
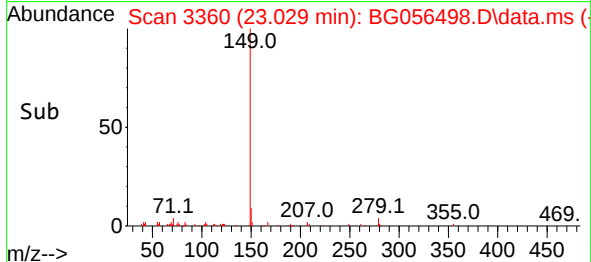
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:149 Resp: 62252
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 3.7 2.7 4.1

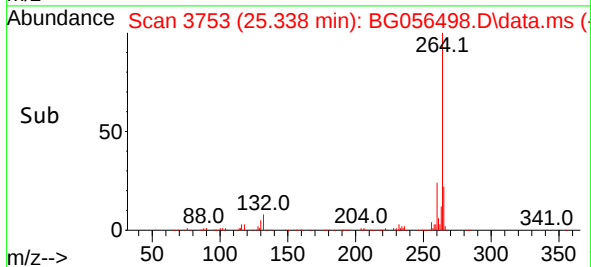
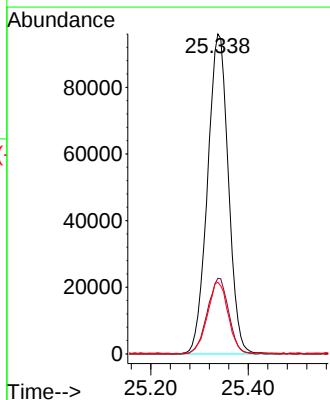
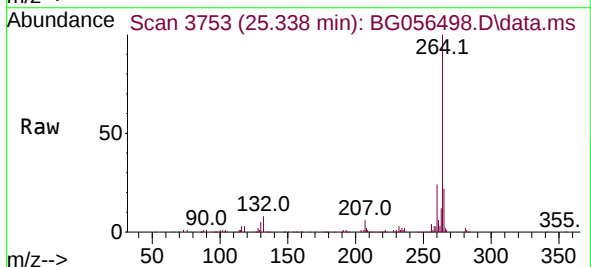
Manual Integrations
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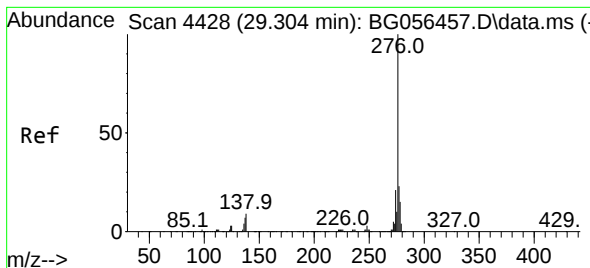
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3753
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

Tgt Ion:264 Resp: 284583
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.611 ng

RT: 29.262 min Scan# 4428

Delta R.T. -0.018 min

Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT4-2022

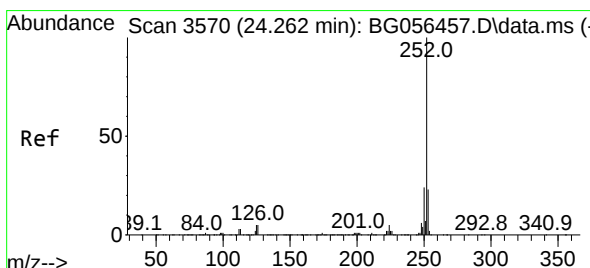
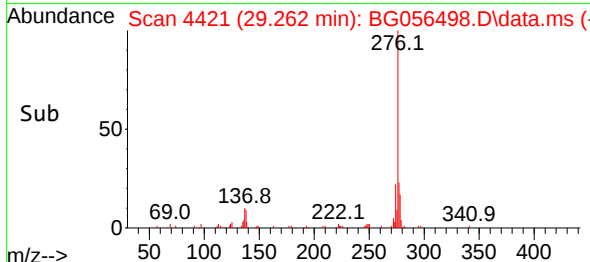
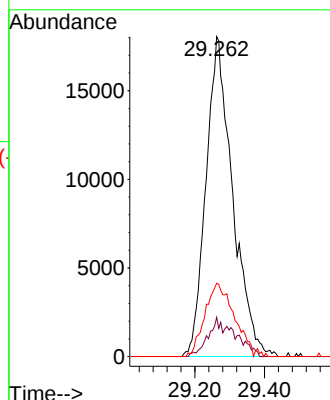
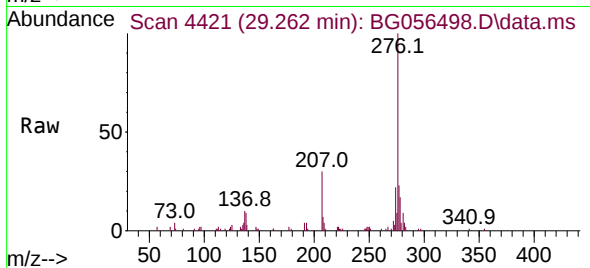
Tgt Ion:276 Resp: 96046

Ion	Ratio	Lower	Upper
276	100		
138	6.2	9.4	14.2
277	25.0	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: 5.112 ng

RT: 24.245 min Scan# 3567

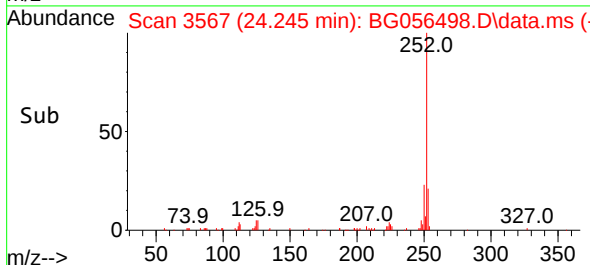
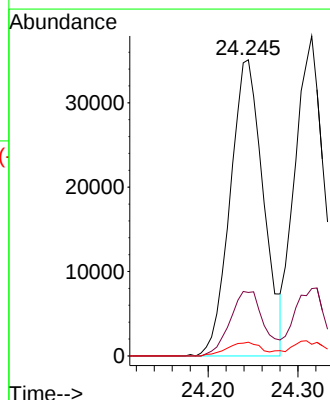
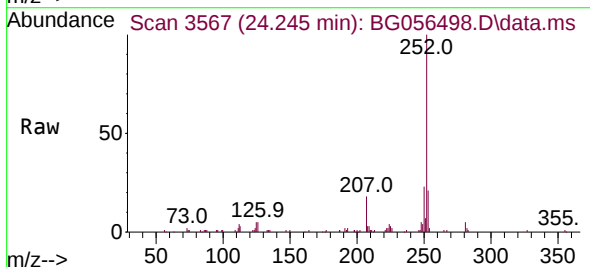
Delta R.T. -0.006 min

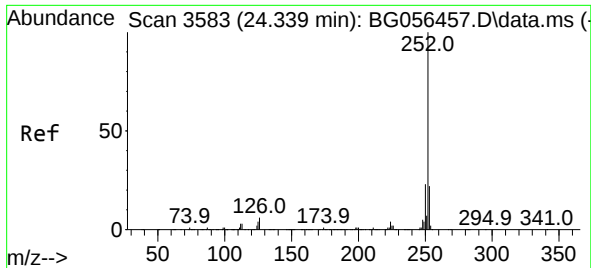
Lab File: BG056498.D

Acq: 1 Feb 2023 11:51

Tgt Ion:252 Resp: 90293

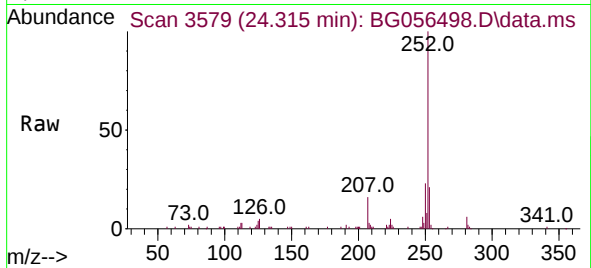
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	4.6	3.9	5.9





#89
Benzo(k)fluoranthene
Concen: 4.896 ng
RT: 24.315 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

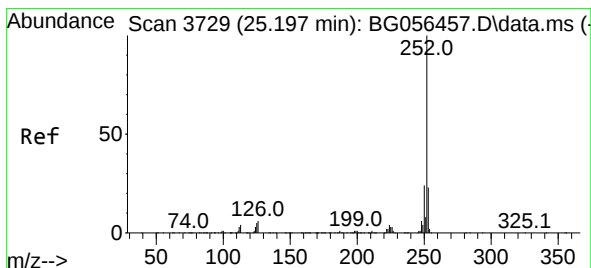
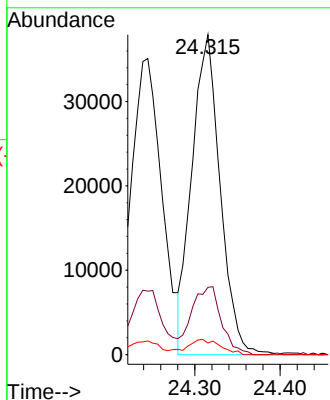
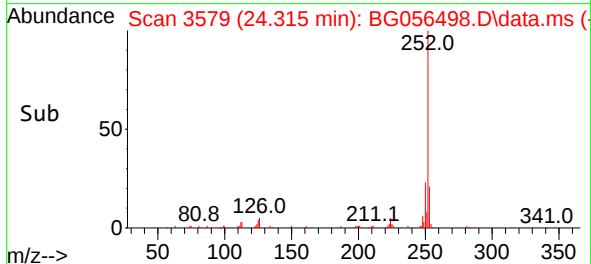
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:252 Resp: 87308
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 3.6 3.4 5.0

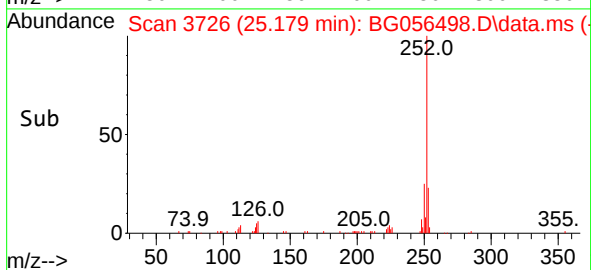
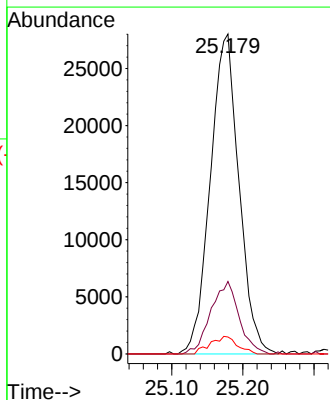
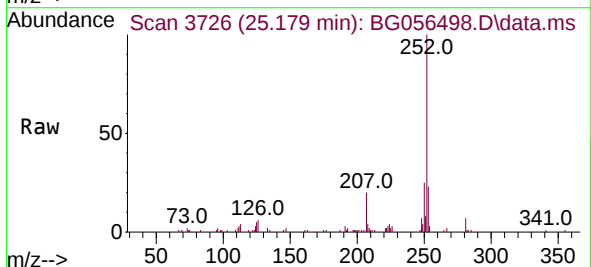
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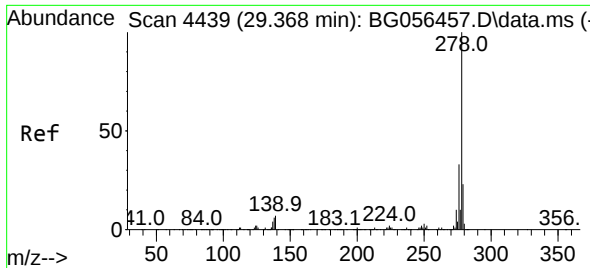
Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023



#90
Benzo(a)pyrene
Concen: 4.505 ng
RT: 25.179 min Scan# 3726
Delta R.T. -0.006 min
Lab File: BG056498.D
Acq: 1 Feb 2023 11:51

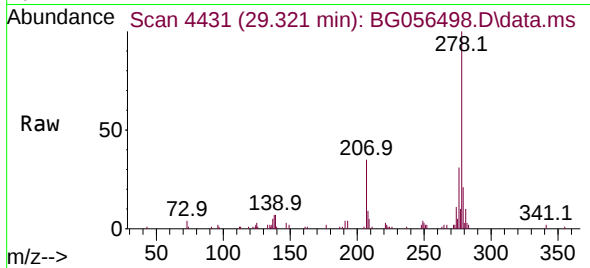
Tgt Ion:252 Resp: 78394
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.3 4.1 6.1





#91
 Dibenzo(a,h)anthracene
 Concen: 4.880 ng
 RT: 29.321 min Scan# 4431
 Delta R.T. -0.024 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

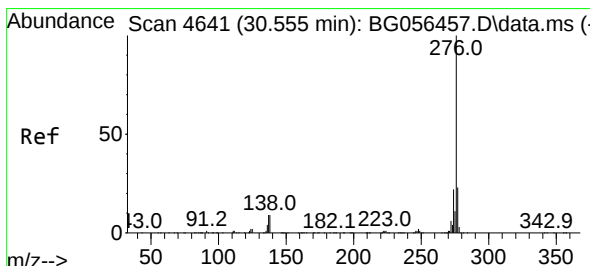
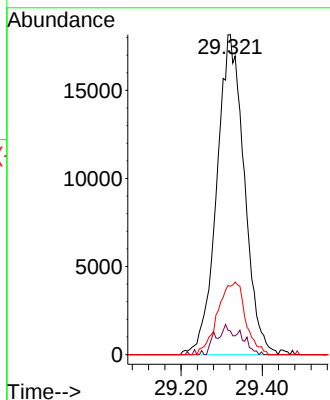
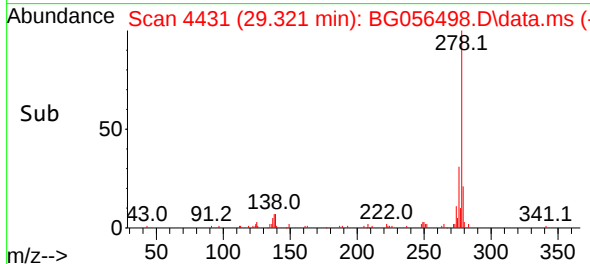
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:278 Resp: 85328
 Ion Ratio Lower Upper
 278 100
 139 7.4 5.5 8.3
 279 21.4 18.8 28.2

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



#92
 Benzo(g,h,i)perylene
 Concen: 4.850 ng
 RT: 30.496 min Scan# 4631
 Delta R.T. -0.030 min
 Lab File: BG056498.D
 Acq: 1 Feb 2023 11:51

Tgt Ion:276 Resp: 81833
 Ion Ratio Lower Upper
 276 100
 277 26.6 18.5 27.7
 138 11.2 7.4 11.0#

