

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071322\
 Data File : BG054277.D
 Acq On : 13 Jul 2022 20:19
 Operator : CG/JU
 Sample : N3214-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 14 03:57:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 03:56:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/14/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	21831	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	83077	20.000	ng	# 0.00
39) Acenaphthene-d10	14.666	164	70722	20.000	ng	0.00
64) Phenanthrene-d10	17.409	188	199830	20.000	ng	#-0.01
76) Chrysene-d12	21.681	240	251490	20.000	ng	#-0.01
86) Perylene-d12	24.918	264	264754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	102349	94.191	ng	0.00
7) Phenol-d6	7.204	99	136295	90.942	ng	0.00
23) Nitrobenzene-d5	9.201	82	105523	68.929	ng	0.00
42) 2,4,6-Tribromophenol	16.158	330	152177	111.082	ng	0.00
45) 2-Fluorobiphenyl	13.291	172	343354	71.337	ng	0.00
79) Terphenyl-d14	20.018	244	843471	68.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.490	88	1655	3.483	ng	# 80
3) Pyridine	3.902	79	6839	5.762	ng	94
4) n-Nitrosodimethylamine	3.814	42	2209	3.684	ng	# 75
6) Aniline	7.362	93	8267	4.693	ng	96
8) 2-Chlorophenol	7.603	128	5263	4.321	ng	93
9) Benzaldehyde	7.174	77	4901	5.446	ng	91
10) Phenol	7.233	94	6455	4.269	ng	78
11) bis(2-Chloroethyl)ether	7.456	93	4649	4.169	ng	84
12) 1,3-Dichlorobenzene	7.926	146	6731	4.552	ng	97
13) 1,4-Dichlorobenzene	8.079	146	6836	4.511	ng	96
14) 1,2-Dichlorobenzene	8.391	146	6930	4.762	ng	97
15) Benzyl Alcohol	8.285	79	5102	4.223	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.561	45	5759	3.719	ng	88
17) 2-Methylphenol	8.485	107	4282	3.964	ng	92
18) Hexachloroethane	9.125	117	2113	4.098	ng	# 38
19) n-Nitroso-di-n-propyla...	8.843	70	4078	3.986	ng	# 97
20) 3+4-Methylphenols	8.814	107	5790	3.820	ng	96
22) Acetophenone	8.861	105	9111	4.538	ng	# 95
24) Nitrobenzene	9.242	77	6836	4.542	ng	# 82
25) Isophorone	9.765	82	11975	4.324	ng	# 86
26) 2-Nitrophenol	9.959	139	3213	4.333	ng	# 78
27) 2,4-Dimethylphenol	10.018	122	5109	4.926	ng	90
28) bis(2-Chloroethoxy)met...	10.247	93	6572	4.662	ng	# 92
29) 2,4-Dichlorophenol	10.506	162	6910	4.597	ng	87
30) 1,2,4-Trichlorobenzene	10.711	180	9082	4.897	ng	96
31) Naphthalene	10.899	128	18159	4.347	ng	# 94
32) Benzoic acid	10.188	122	1513m	3.585	ng	
33) 4-Chloroaniline	11.011	127	7802	4.491	ng	# 89
34) Hexachlorobutadiene	11.187	225	7831	5.089	ng	95
35) Caprolactam	11.745	113	1554	3.630	ng	# 40
36) 4-Chloro-3-methylphenol	12.133	107	6490	4.488	ng	90
37) 2-Methylnaphthalene	12.497	142	14460	4.517	ng	95
38) 1-Methylnaphthalene	12.721	142	13774	4.431	ng	96
40) 1,2,4,5-Tetrachloroben...	12.868	216	14491	5.048	ng	# 95
41) Hexachlorocyclopentadiene	12.850	237	1007	1.403	ng	94
43) 2,4,6-Trichlorophenol	13.109	196	6721	4.077	ng	98

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Quant Time: Jul 14 03:57:50 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.191	196	7445	4.128	ng	# 88
46) 1,1'-Biphenyl	13.502	154	22062	4.639	ng	96
47) 2-Chloronaphthalene	13.549	162	18106	4.554	ng	92
48) 2-Nitroaniline	13.743	65	4485	3.986	ng	90
49) Acenaphthylene	14.389	152	28459	4.718	ng	97
50) Dimethylphthalate	14.113	163	24893	4.483	ng	# 97
51) 2,6-Dinitrotoluene	14.237	165	5337	4.422	ng	# 75
52) Acenaphthene	14.730	154	15921	4.364	ng	97
53) 3-Nitroaniline	14.566	138	4294	4.014	ng	# 87
54) 2,4-Dinitrophenol	14.795	184	775	1.370	ng	# 50
55) Dibenzofuran	15.065	168	29873	4.662	ng	98
56) 4-Nitrophenol	14.895	139	2135	3.106	ng	92
57) 2,4-Dinitrotoluene	15.030	165	7455	4.266	ng	# 83
58) Fluorene	15.711	166	24970	4.691	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.300	232	7623	4.220	ng	# 81
60) Diethylphthalate	15.476	149	23568	4.352	ng	95
61) 4-Chlorophenyl-phenyle...	15.700	204	16581	4.904	ng	91
62) 4-Nitroaniline	15.729	138	4387	3.926	ng	85
63) Azobenzene	15.993	77	16590	4.065	ng	86
65) 4,6-Dinitro-2-methylph...	15.799	198	3710	3.156	ng	# 68
66) n-Nitrosodiphenylamine	15.911	169	22029	4.371	ng	97
67) 4-Bromophenyl-phenylether	16.599	248	12164	4.564	ng	# 87
68) Hexachlorobenzene	16.722	284	14775	4.857	ng	# 89
69) Atrazine	16.857	200	10664	4.790	ng	88
70) Pentachlorophenol	17.074	266	3091	2.529	ng	96
71) Phenanthrene	17.456	178	44099	4.412	ng	98
72) Anthracene	17.544	178	44345	4.530	ng	96
73) Carbazole	17.809	167	36555	4.409	ng	# 94
74) Di-n-butylphthalate	18.367	149	39049	3.978	ng	# 98
75) Fluoranthene	19.466	202	61583	4.530	ng	97
77) Benzidine	19.636	184	26902m	6.094	ng	
78) Pyrene	19.824	202	63741	4.404	ng	99
80) Butylbenzylphthalate	20.700	149	17076	3.641	ng	# 81
81) Benzo(a)anthracene	21.663	228	72207	4.539	ng	97
82) 3,3'-Dichlorobenzidine	21.575	252	26354	5.420	ng	# 97
83) Chrysene	21.728	228	65551	4.357	ng	98
84) Bis(2-ethylhexyl)phtha...	21.563	149	25717	3.865	ng	# 91
85) Di-n-octyl phthalate	22.774	149	44640	3.897	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.614	276	86573	4.347	ng	# 98
88) Benzo(b)fluoranthene	23.884	252	73138	4.659	ng	# 97
89) Benzo(k)fluoranthene	23.949	252	71436	4.587	ng	# 97
90) Benzo(a)pyrene	24.765	252	69699	5.189	ng	# 93
91) Dibenzo(a,h)anthracene	28.673	278	75436	4.623	ng	# 96
92) Benzo(g,h,i)perylene	29.765	276	73824	4.536	ng	# 93

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

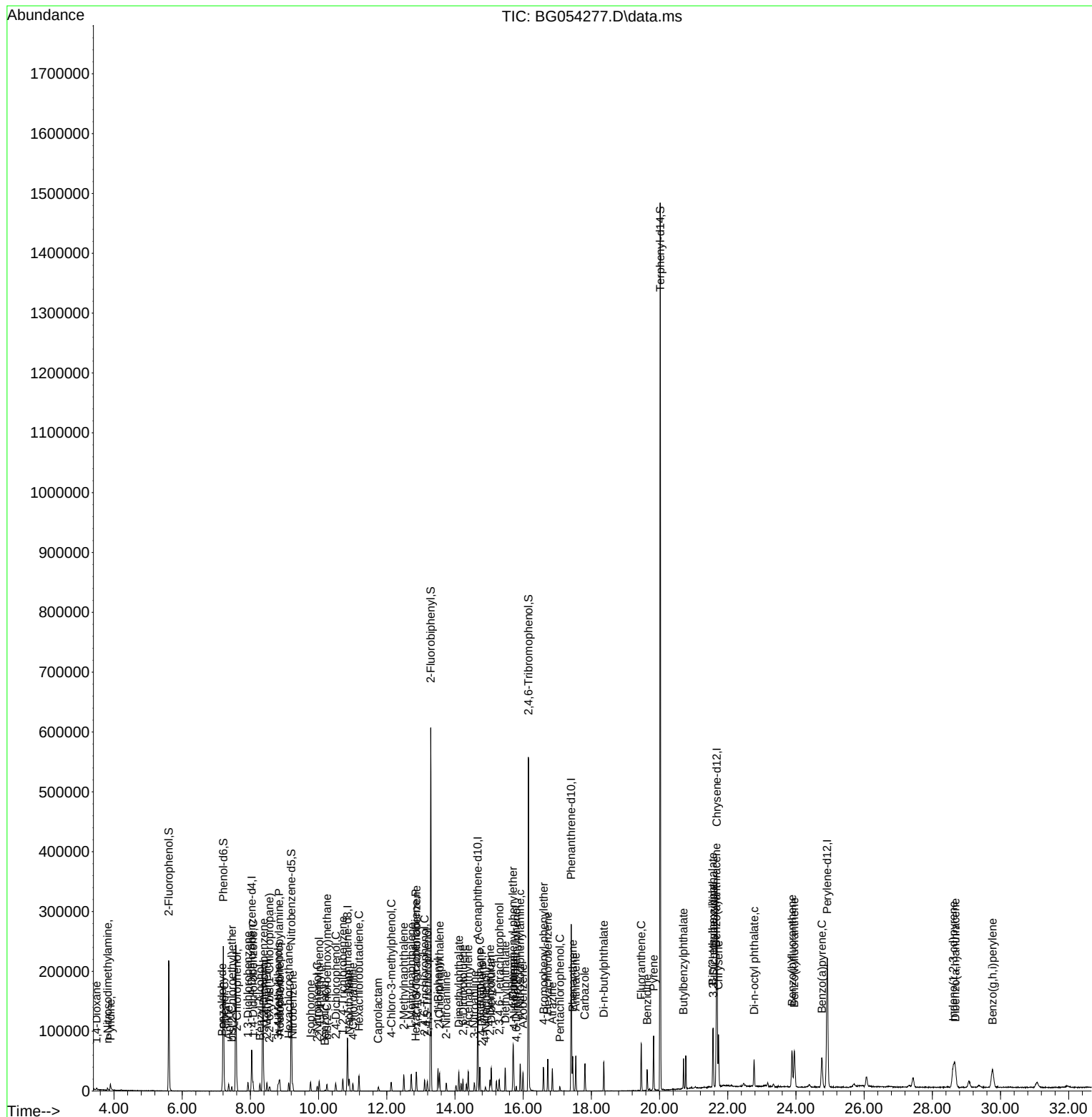
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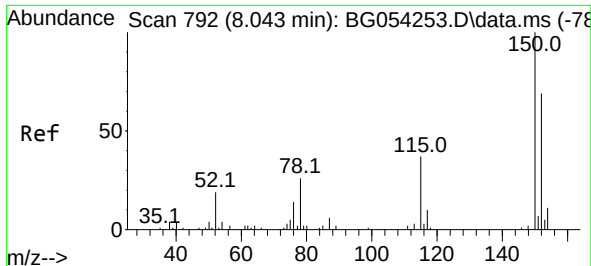
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Quant Time: Jul 14 03:57:50 2022
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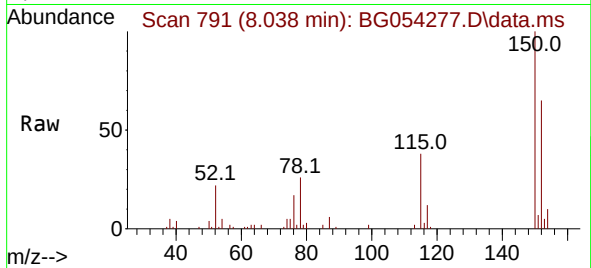
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.038 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

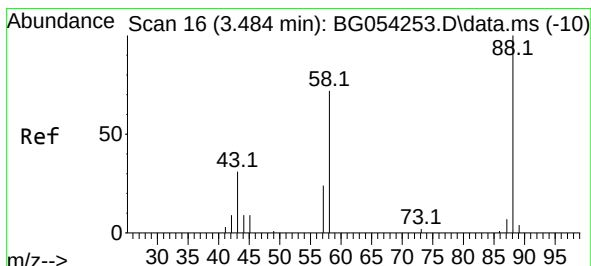
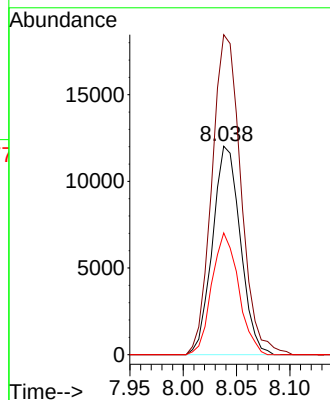
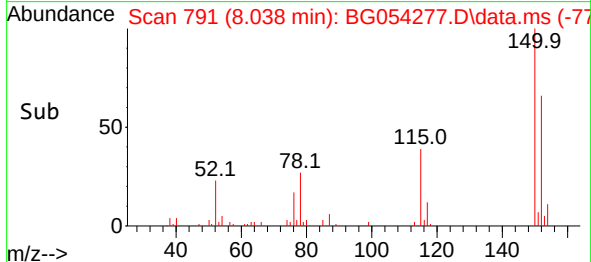
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:152 Resp: 2183
Ion Ratio Lower Upper
152 100
150 153.4 131.6 197.4
115 58.4 50.9 76.3

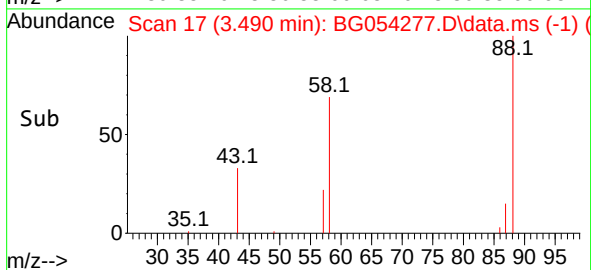
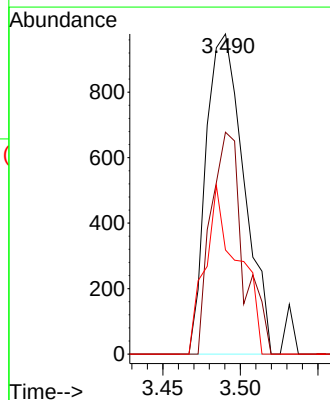
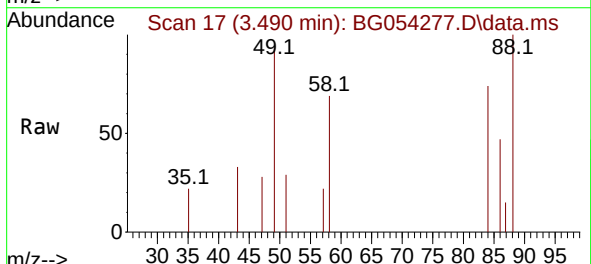
Manual Integrations
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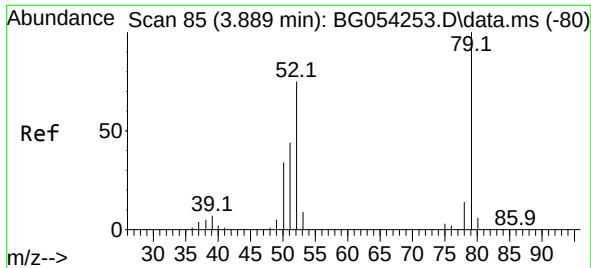
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#2
1,4-Dioxane
Concen: 3.483 ng
RT: 3.490 min Scan# 17
Delta R.T. 0.006 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
58 59.4 59.2 88.8
43 45.7 24.3 36.5





#3

Pyridine

Concen: 5.762 ng

RT: 3.902 min Scan# 81

Delta R.T. 0.013 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

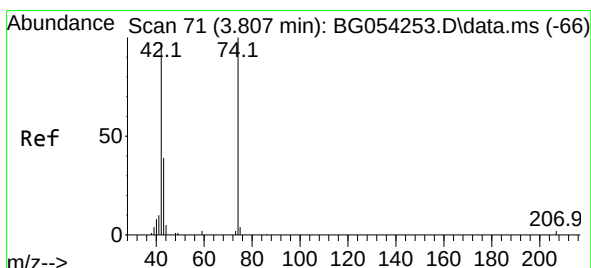
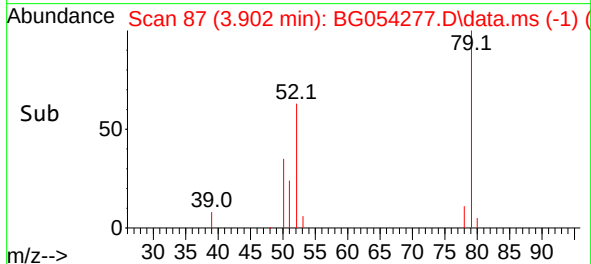
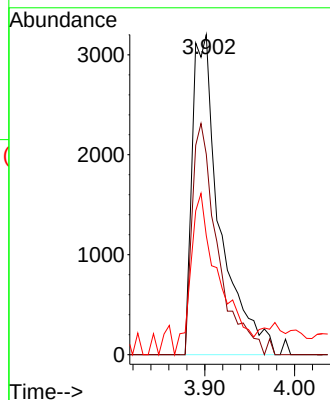
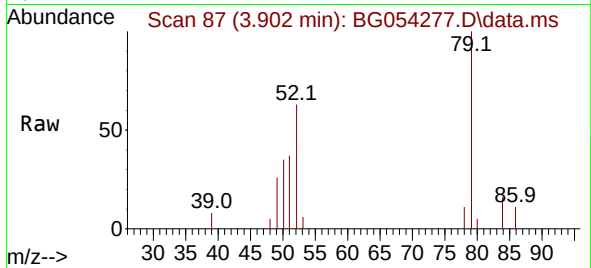
Tgt Ion: 79	Resp: 6839
Ion Ratio	Lower Upper
79 100	
52 62.6	54.6 81.8
51 37.2	32.5 48.7

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 3.684 ng

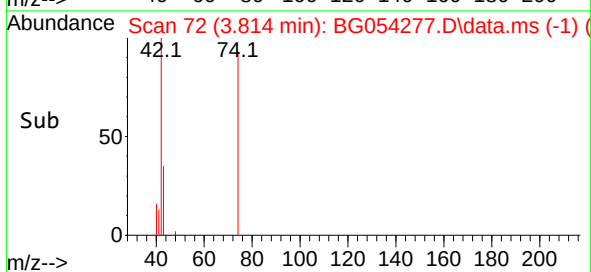
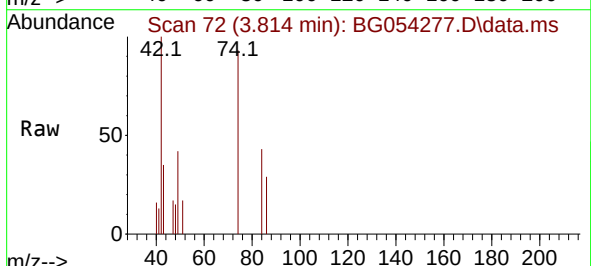
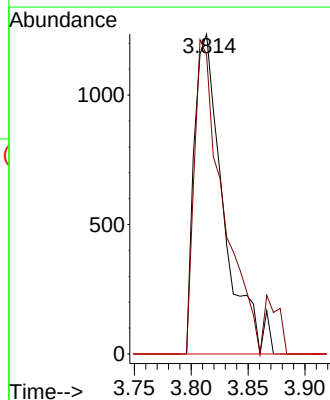
RT: 3.814 min Scan# 72

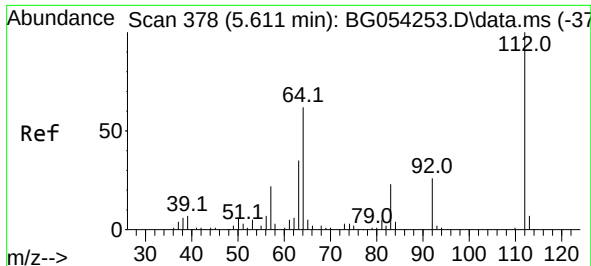
Delta R.T. 0.007 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Tgt Ion: 42	Resp: 2209
Ion Ratio	Lower Upper
42 100	
74 93.4	97.0 145.4#
44 0.0	7.0 10.4#





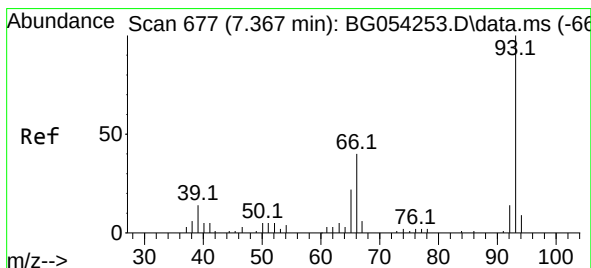
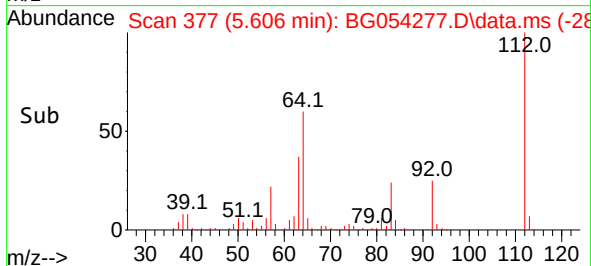
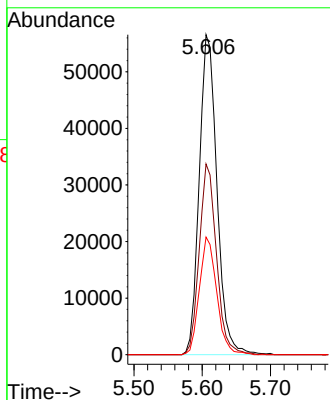
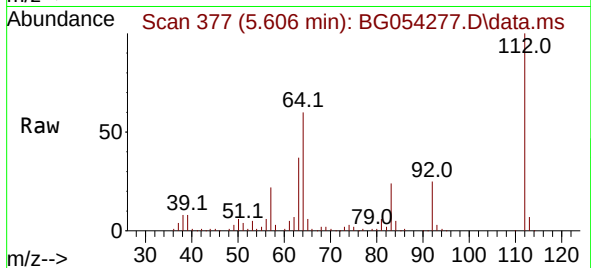
#5
2-Fluorophenol
Concen: 94.191 ng
RT: 5.606 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:112 Resp: 102349
Ion Ratio Lower Upper
112 100
64 59.6 55.1 82.7
63 36.8 30.4 45.6

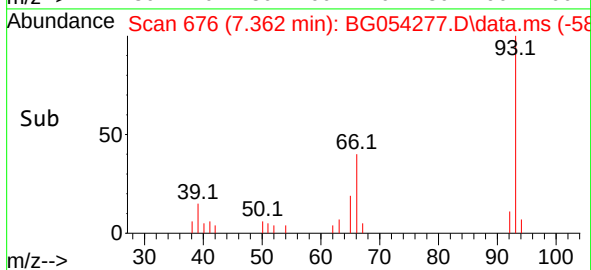
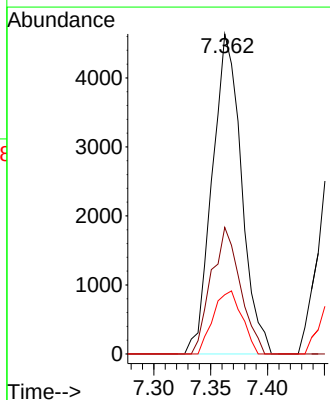
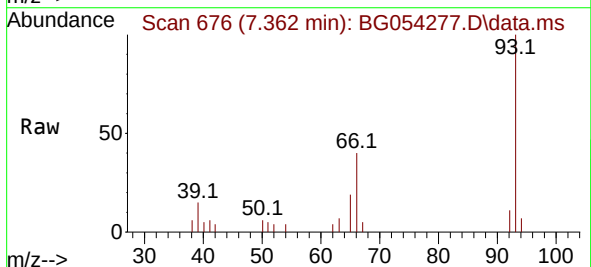
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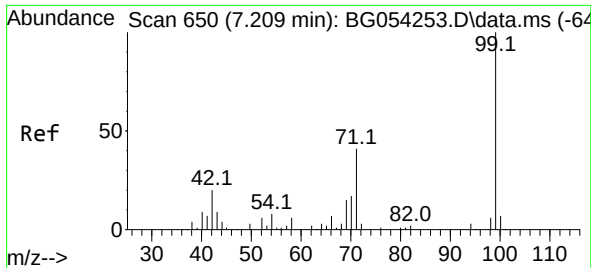
Reviewed By :Christian Giraldo 07/14/2022
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#6
Aniline
Concen: 4.693 ng
RT: 7.362 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

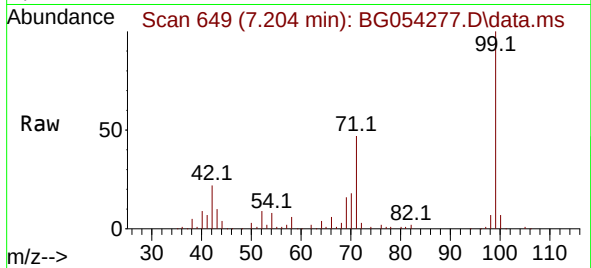
Tgt Ion: 93 Resp: 8267
Ion Ratio Lower Upper
93 100
66 39.6 32.9 49.3
65 18.5 17.8 26.8





#7
Phenol-d6
Concen: 90.942 ng
RT: 7.204 min Scan# 649
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

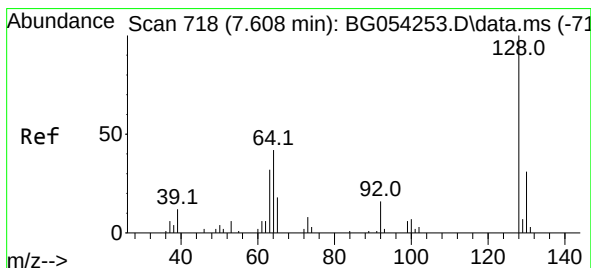
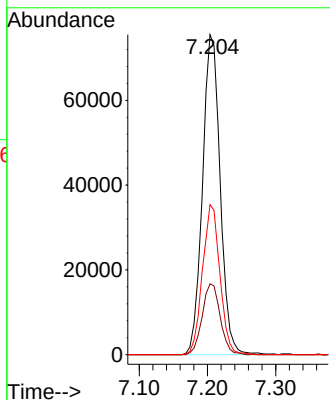
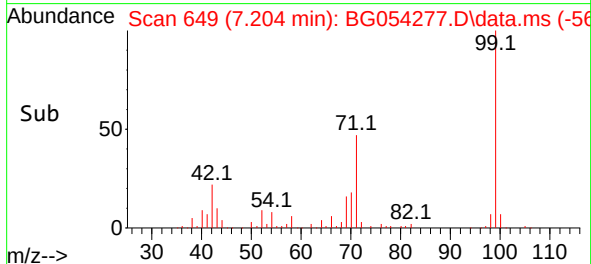
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 99 Resp: 136295
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 46.9 33.8 50.8

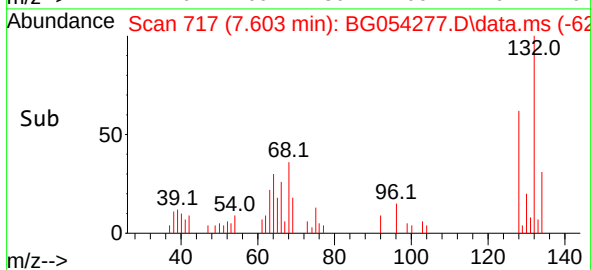
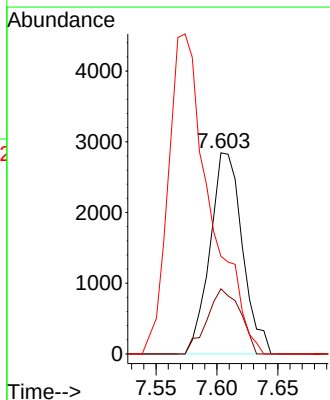
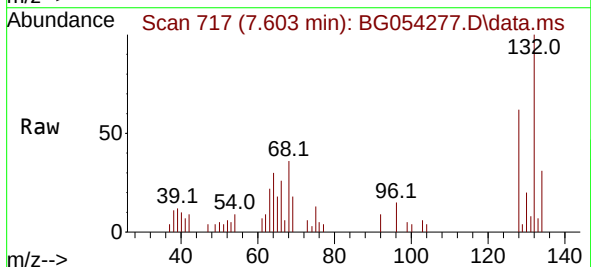
Manual Integrations
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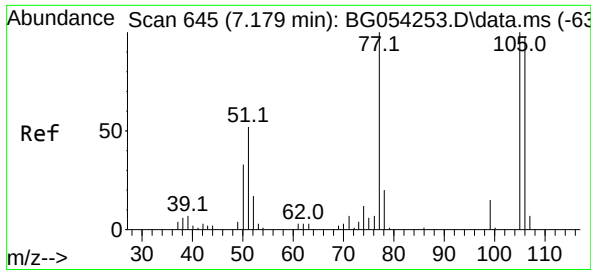
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#8
2-Chlorophenol
Concen: 4.321 ng
RT: 7.603 min Scan# 717
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

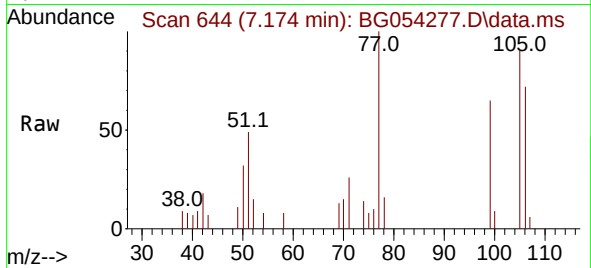
Tgt Ion:128 Resp: 5263
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 48.6 35.1 75.1





#9
Benzaldehyde
Concen: 5.446 ng
RT: 7.174 min Scan# 644
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

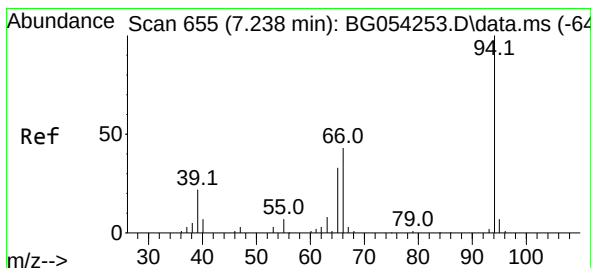
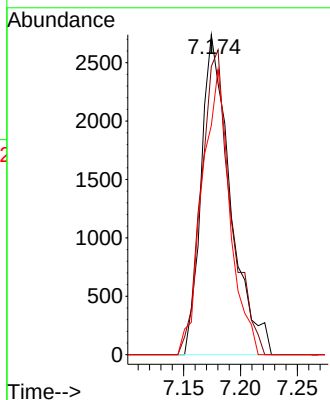
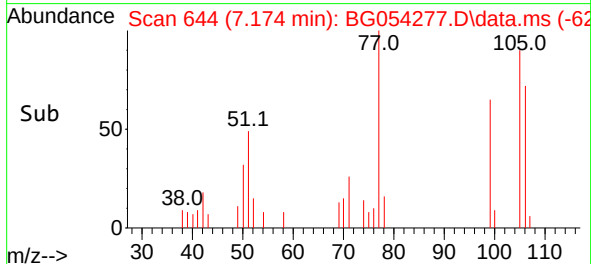
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Tgt Ion: 77 Resp: 490
Ion Ratio Lower Upper
77 100
105 90.0 59.6 99.6
106 71.6 56.8 96.8

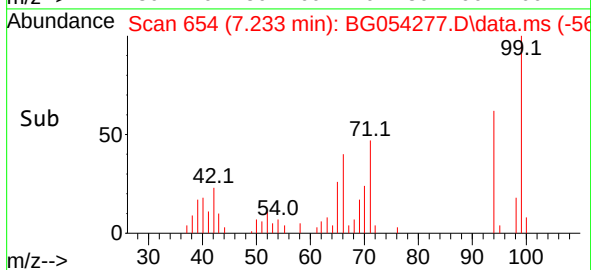
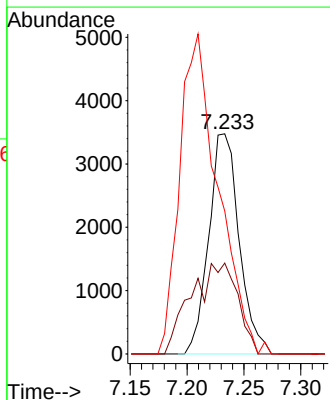
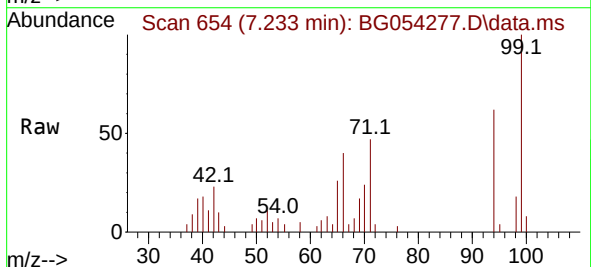
Manual Integrations
APPROVED

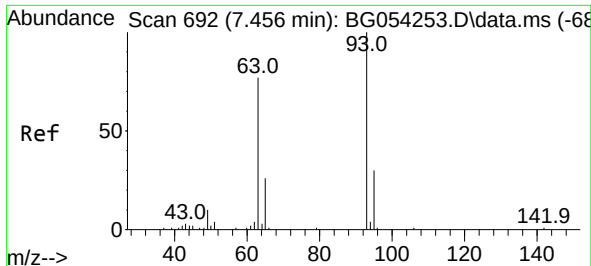
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#10
Phenol
Concen: 4.269 ng
RT: 7.233 min Scan# 654
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

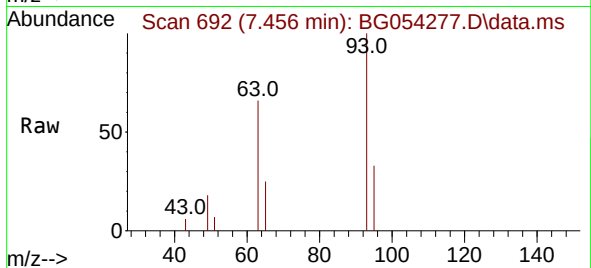
Tgt Ion: 94 Resp: 6455
Ion Ratio Lower Upper
94 100
65 41.3 14.8 54.8
66 64.9 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 4.169 ng
RT: 7.456 min Scan# 692
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

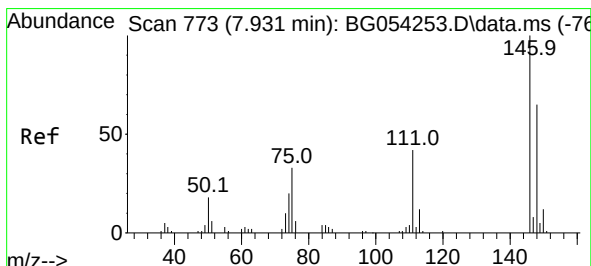
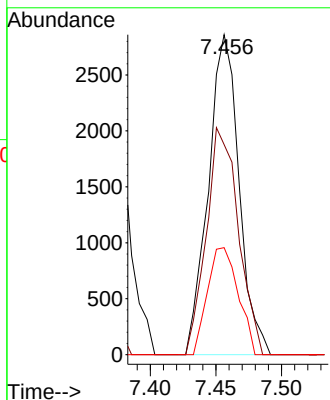
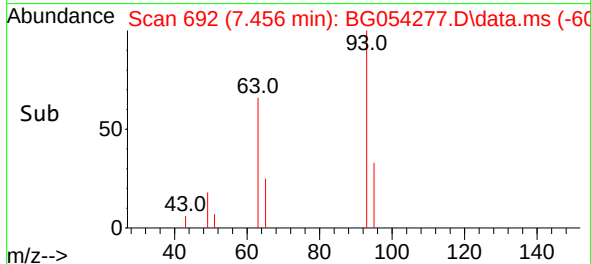
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



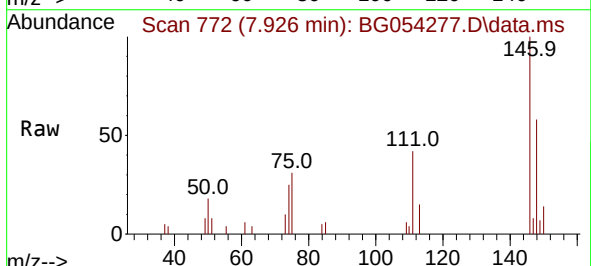
Tgt Ion: 93 Resp: 4649
Ion Ratio Lower Upper
93 100
63 65.6 63.6 103.6
95 33.4 10.1 50.1

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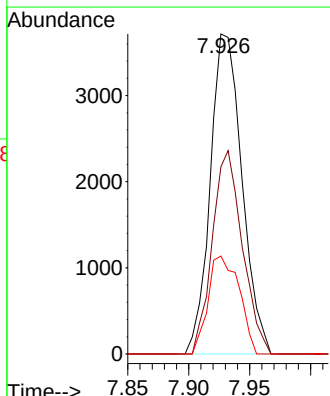
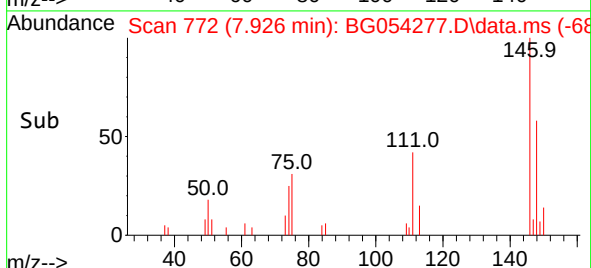
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

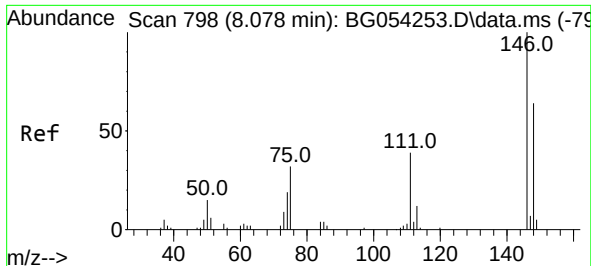


#12
1,3-Dichlorobenzene
Concen: 4.552 ng
RT: 7.926 min Scan# 772
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



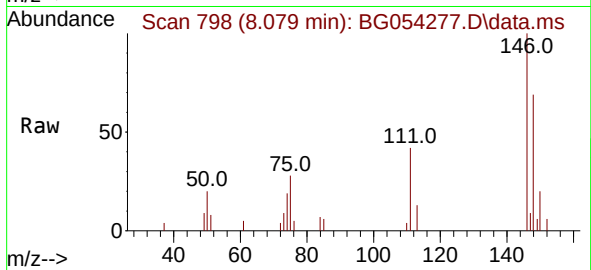
Tgt Ion:146 Resp: 6731
Ion Ratio Lower Upper
146 100
148 58.5 46.1 69.1
75 30.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 4.511 ng
RT: 8.079 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

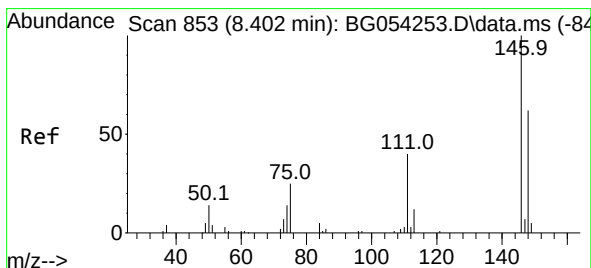
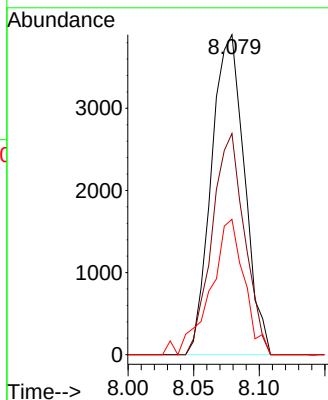
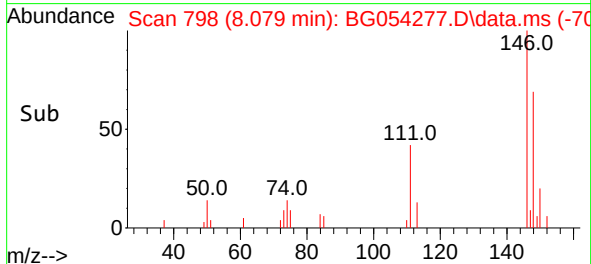
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



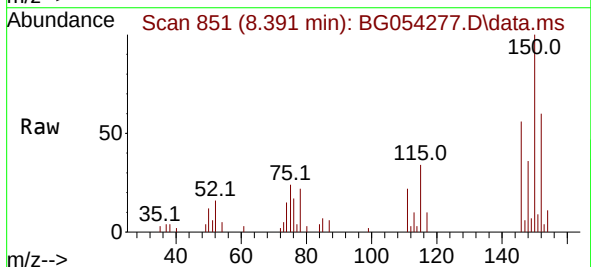
Tgt Ion:146 Resp: 6830
Ion Ratio Lower Upper
146 100
148 69.1 51.5 77.3
111 42.3 33.9 50.9

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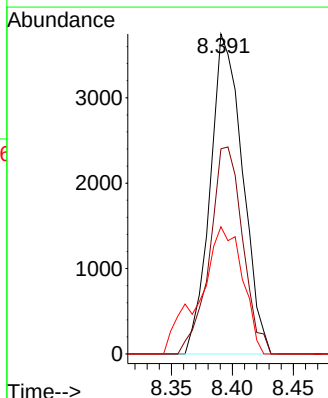
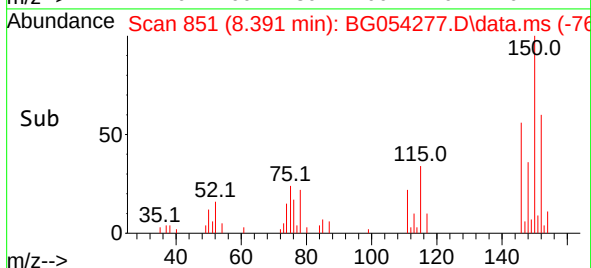
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

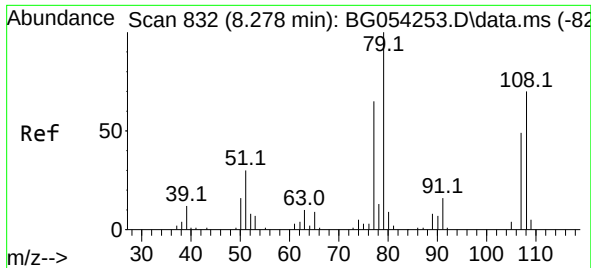


#14
1,2-Dichlorobenzene
Concen: 4.762 ng
RT: 8.391 min Scan# 851
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



Tgt Ion:146 Resp: 6930
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
111 39.8 34.5 51.7





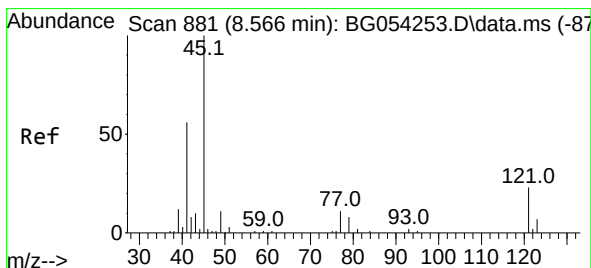
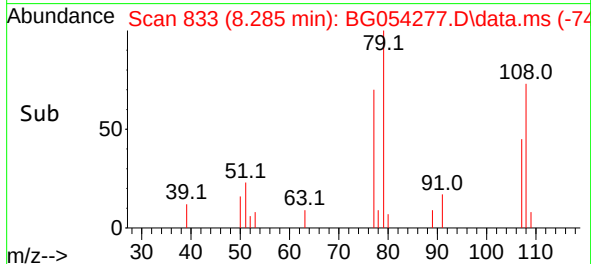
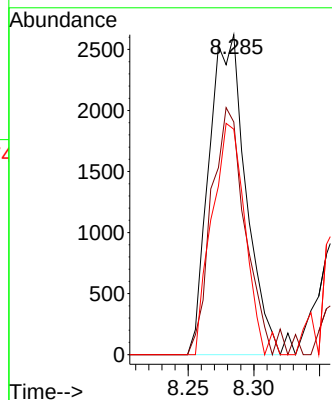
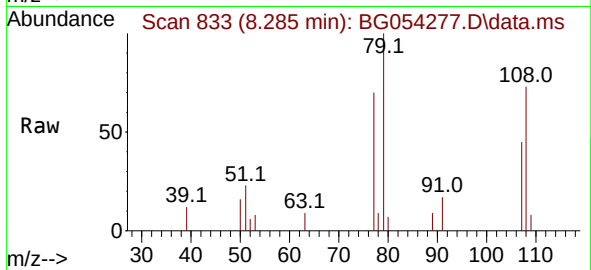
#15
Benzyl Alcohol
Concen: 4.223 ng
RT: 8.285 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 79	Resp: 510
Ion Ratio	Lower Upper
79 100	
108 72.7	53.7 80.5
77 70.4	52.2 78.4

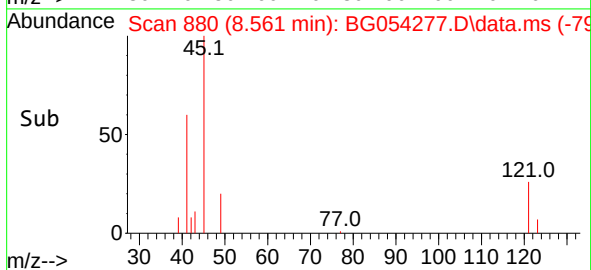
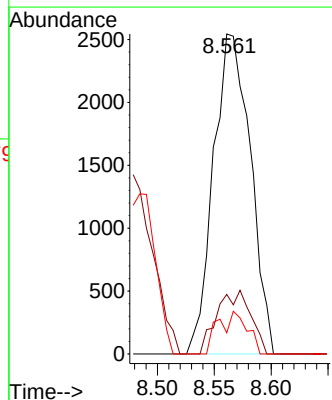
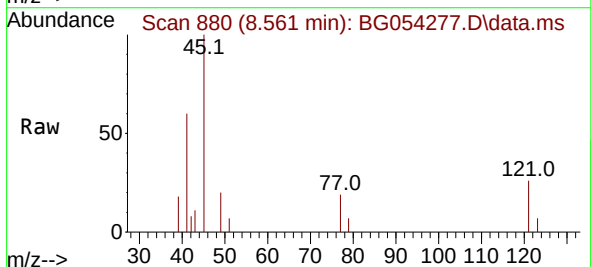
Manual Integrations
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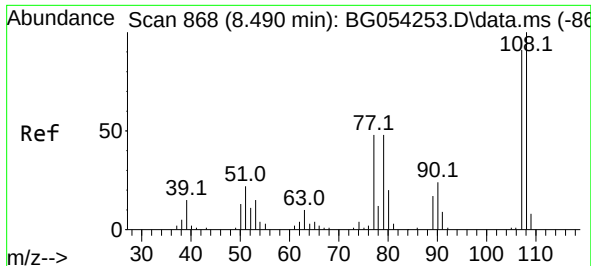
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.719 ng
RT: 8.561 min Scan# 880
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

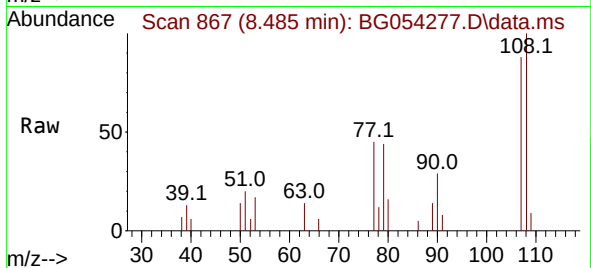
Tgt Ion: 45	Resp: 5759
Ion Ratio	Lower Upper
45 100	
77 18.6	0.0 32.7
79 6.6	0.0 29.7





#17
2-Methylphenol
Concen: 3.964 ng
RT: 8.485 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

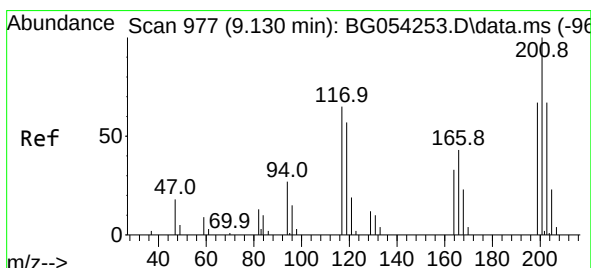
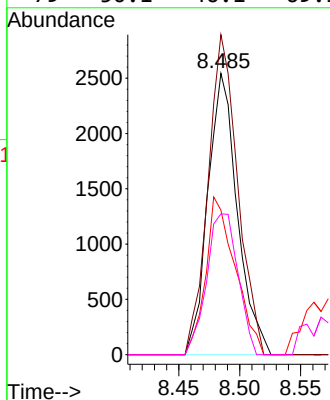
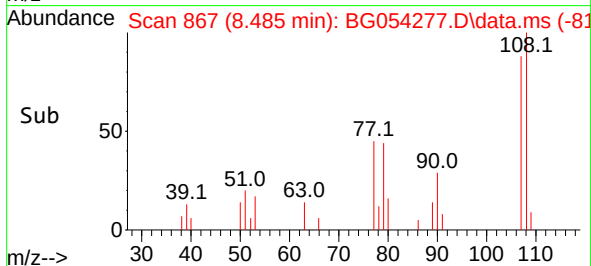
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



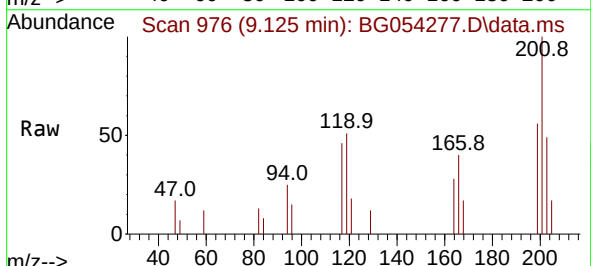
Tgt Ion:	107	Resp:	428
Ion	Ratio	Lower	Upper
107	100		
108	113.8	85.4	128.0
77	51.3	46.2	69.2
79	50.1	46.1	69.1

Manual Integrations
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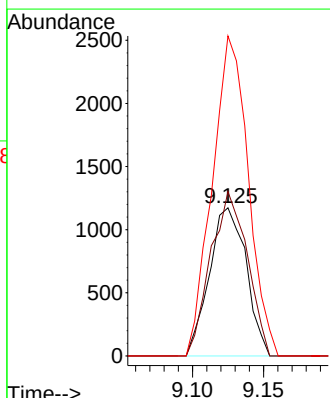
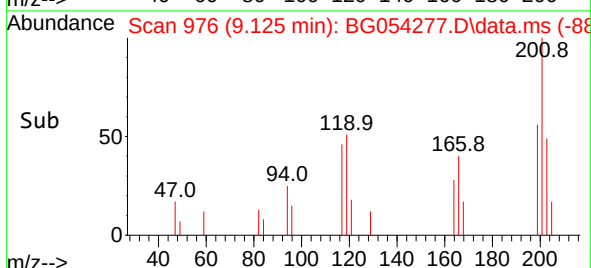
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

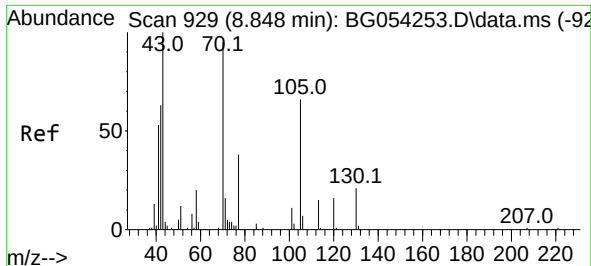


#18
Hexachloroethane
Concen: 4.098 ng
RT: 9.125 min Scan# 976
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



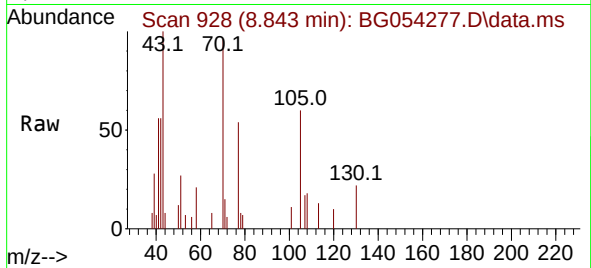
Tgt Ion:	117	Resp:	2113
Ion	Ratio	Lower	Upper
117	100		
119	111.0	75.0	112.6
201	216.0	89.0	133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 3.986 ng
RT: 8.843 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

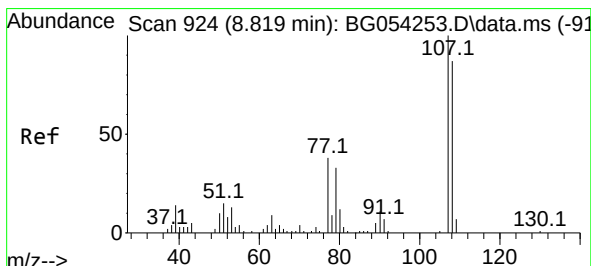
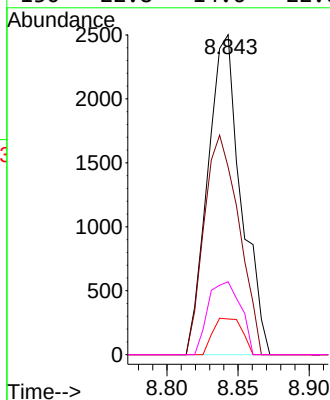
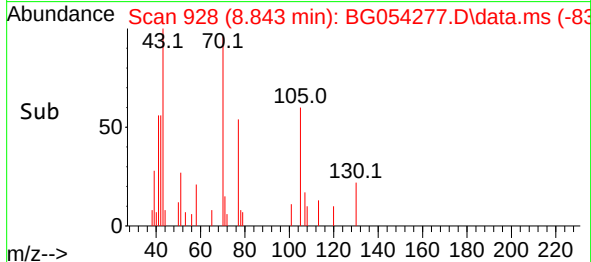
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



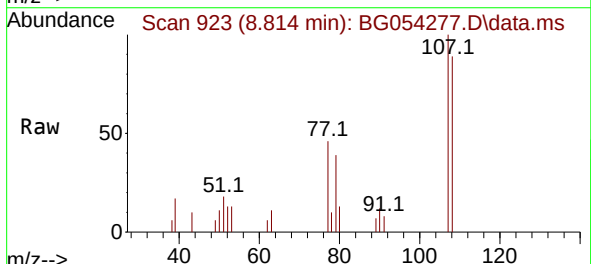
Tgt Ion: 70 Resp: 4078
Ion Ratio Lower Upper
70 100
42 58.6 47.3 70.9
101 11.2 7.0 10.4
130 22.8 14.6 22.0#

Manual Integrations
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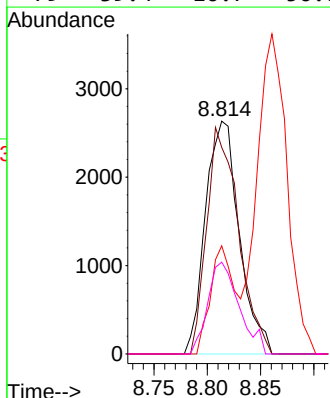
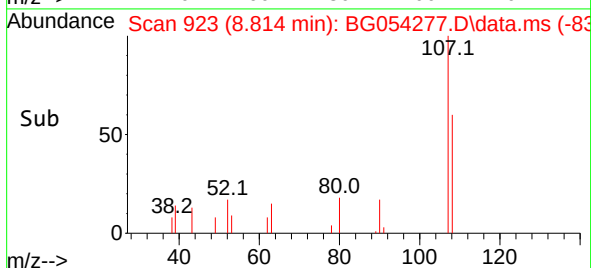
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

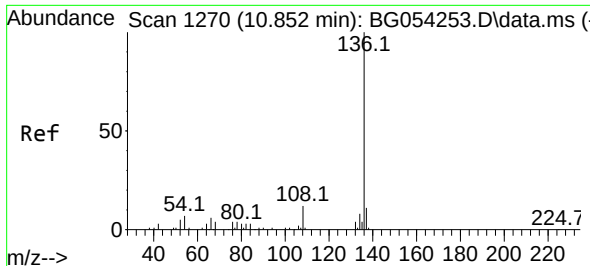


#20
3+4-Methylphenols
Concen: 3.820 ng
RT: 8.814 min Scan# 923
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



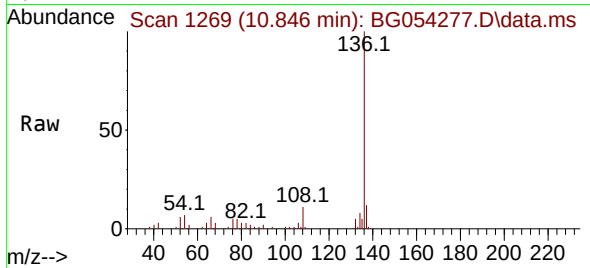
Tgt Ion:107 Resp: 5790
Ion Ratio Lower Upper
107 100
108 88.8 67.5 107.5
77 46.4 20.3 60.3
79 39.4 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

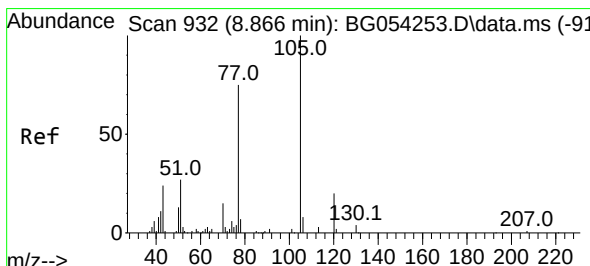
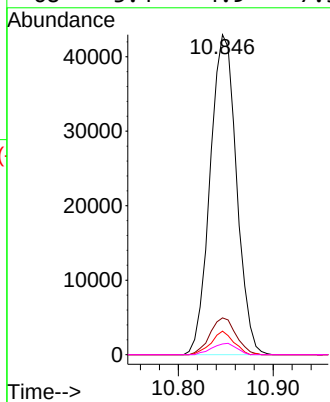
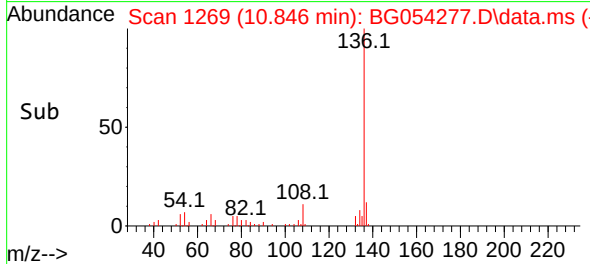
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:136 Resp: 8307
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 7.4 7.4 11.2
68 3.4 4.9 7.3#

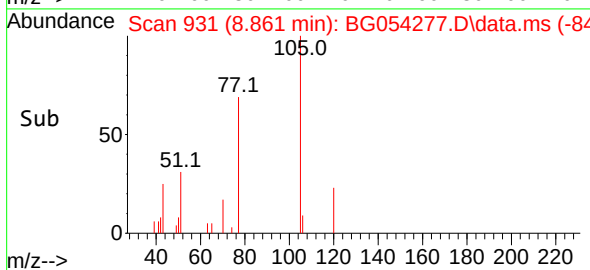
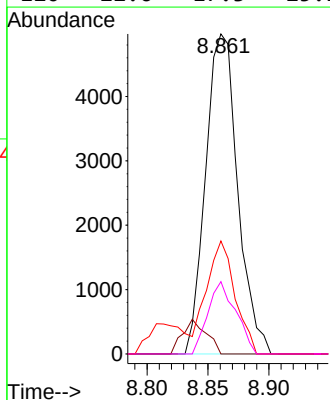
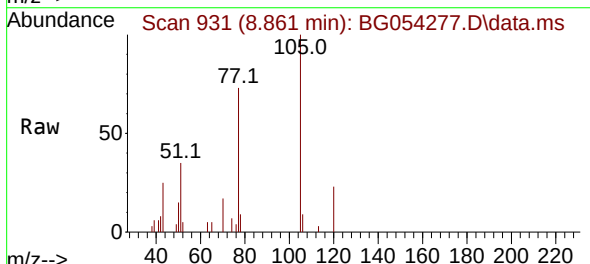
Manual Integrations
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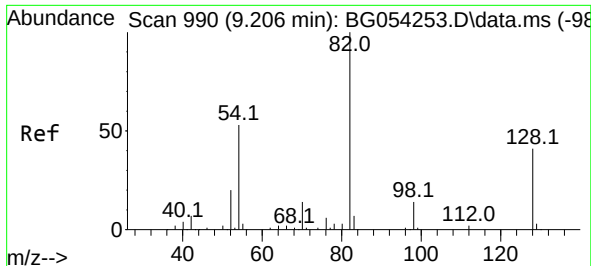
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 4.538 ng
RT: 8.861 min Scan# 931
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Tgt Ion:105 Resp: 9111
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 35.3 25.4 38.0
120 22.6 17.3 25.9





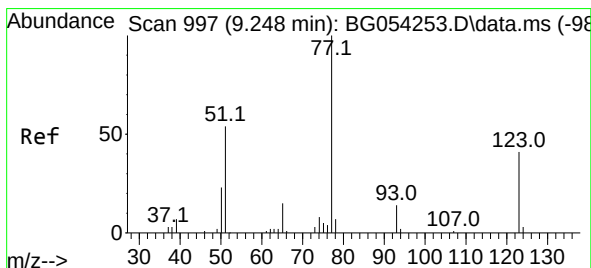
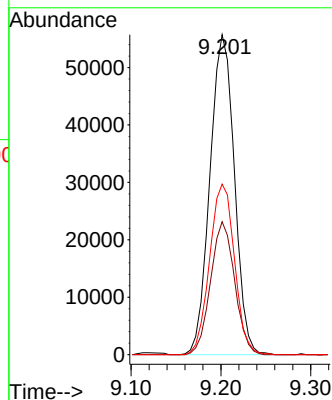
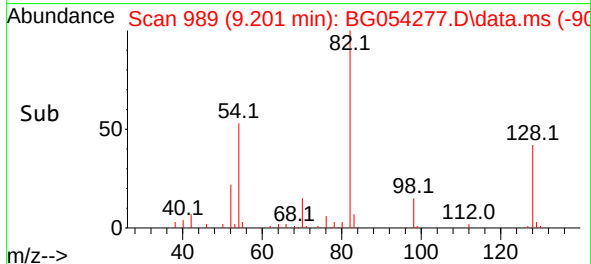
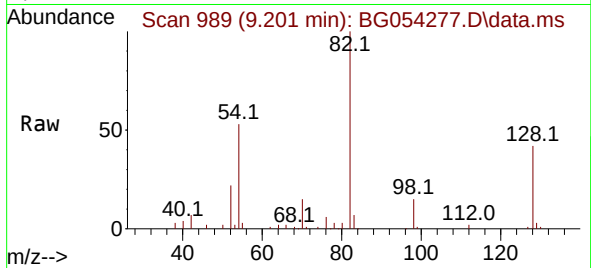
#23
Nitrobenzene-d5
Concen: 68.929 ng
RT: 9.201 min Scan# 910
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 10552
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 53.3 41.2 61.8

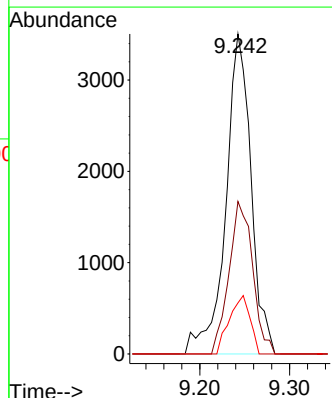
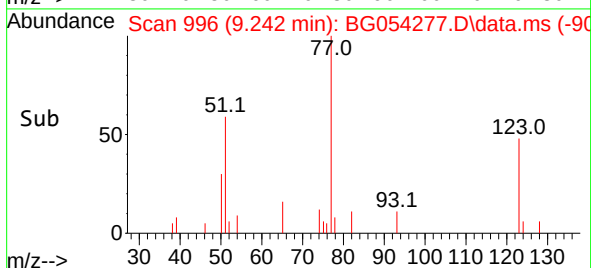
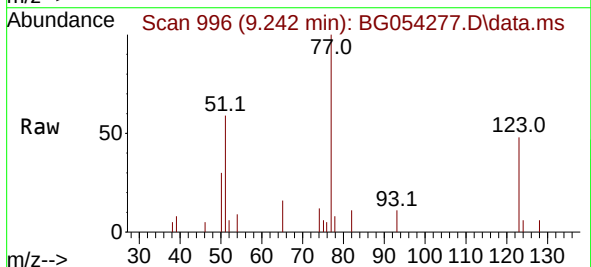
Manual Integrations
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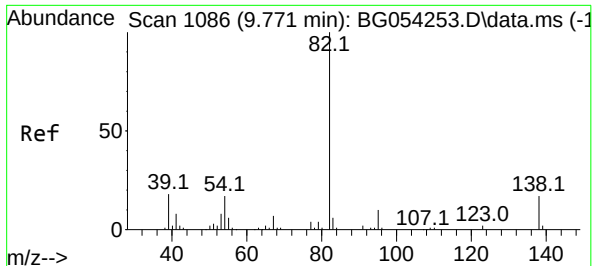
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#24
Nitrobenzene
Concen: 4.542 ng
RT: 9.242 min Scan# 996
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

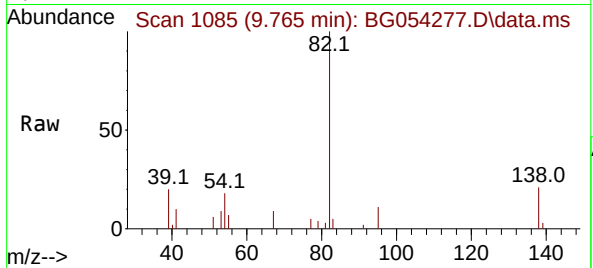
Tgt Ion: 77 Resp: 6836
Ion Ratio Lower Upper
77 100
123 47.7 27.4 41.0#
65 15.9 11.4 17.0





#25
Isophorone
Concen: 4.324 ng
RT: 9.765 min Scan# 1085
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

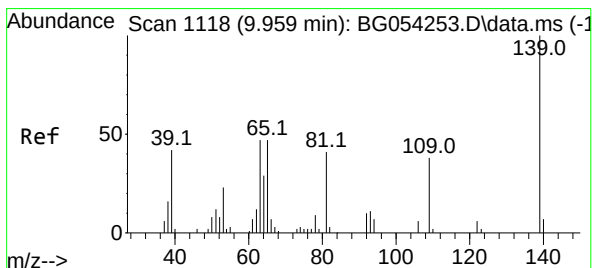
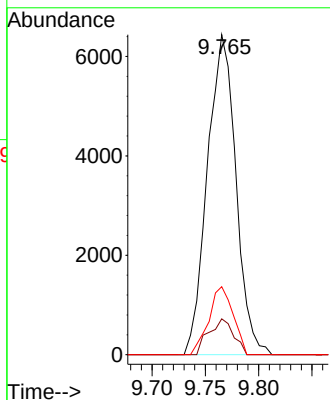
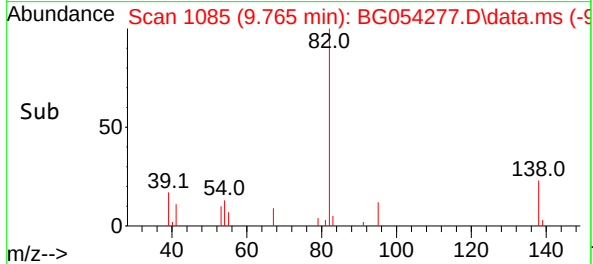
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 82 Resp: 1197
Ion Ratio Lower Upper
82 100
95 11.2 6.2 9.4#
138 21.2 11.6 17.4#

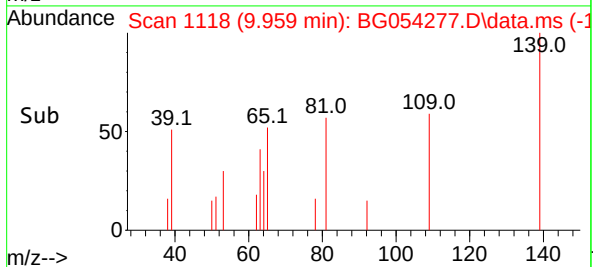
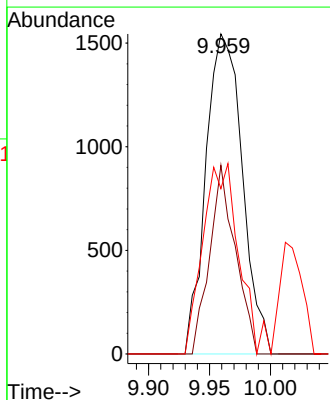
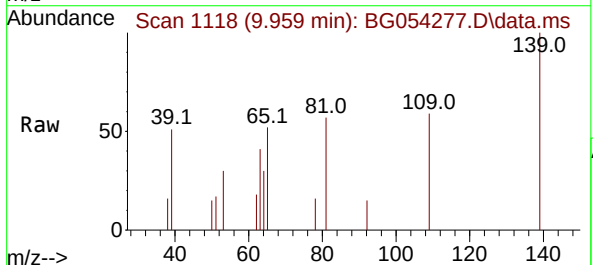
Manual Integrations
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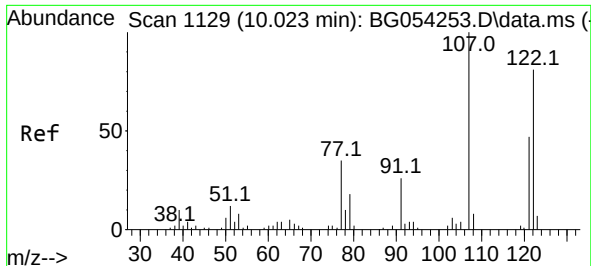
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#26
2-Nitrophenol
Concen: 4.333 ng
RT: 9.959 min Scan# 1118
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Tgt Ion:139 Resp: 3213
Ion Ratio Lower Upper
139 100
109 58.9 36.1 54.1#
65 51.7 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 4.926 ng

RT: 10.018 min Scan# 1129

Delta R.T. -0.005 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Instrument :

BNA_G

ClientSampleId :

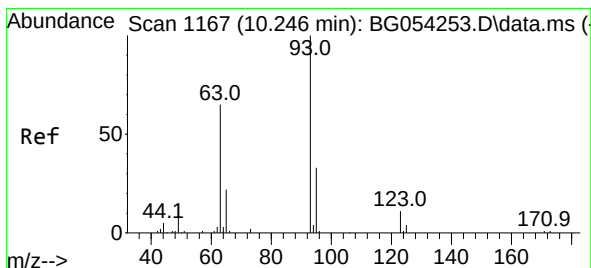
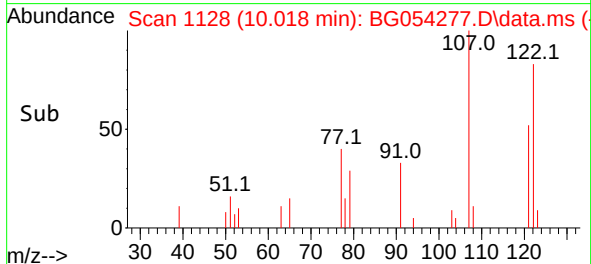
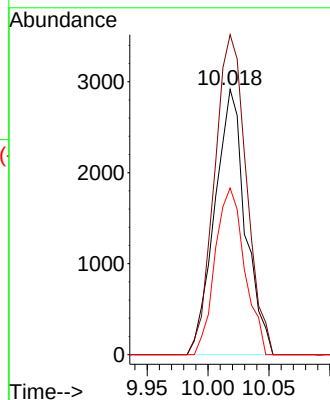
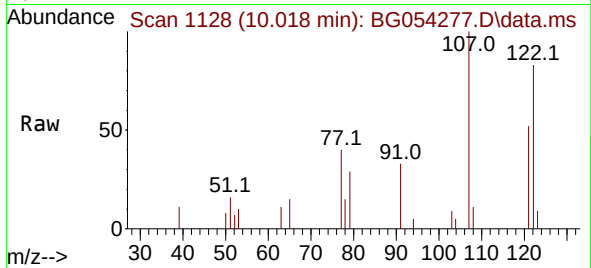
LOQ-WATER-02-QT2-2022

Tgt Ion:	122	Resp:	5109
Ion	Ratio	Lower	Upper
122	100		
107	120.7	109.4	164.0
121	62.8	48.7	73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 4.662 ng

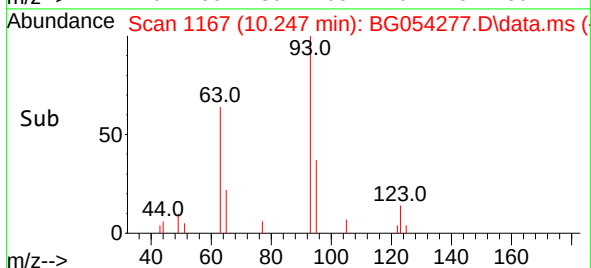
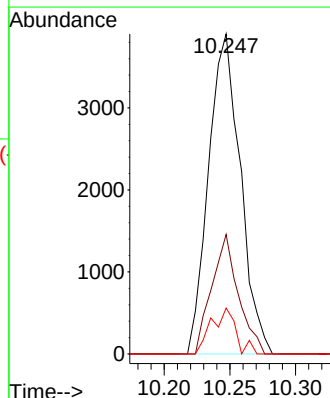
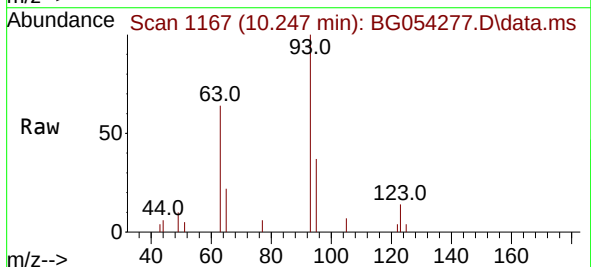
RT: 10.247 min Scan# 1167

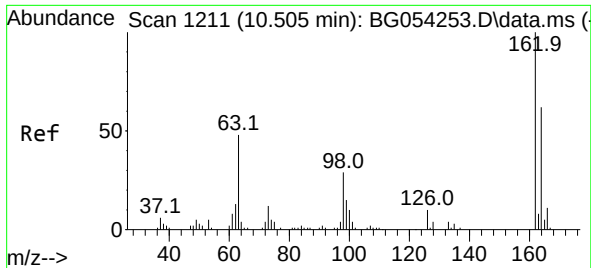
Delta R.T. 0.001 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Tgt Ion:	93	Resp:	6572
Ion	Ratio	Lower	Upper
93	100		
95	37.4	26.9	40.3
123	14.4	7.7	11.5





#29

2,4-Dichlorophenol

Concen: 4.597 ng

RT: 10.506 min Scan# 1211

Delta R.T. 0.001 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

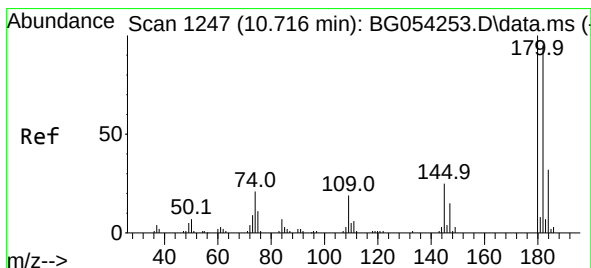
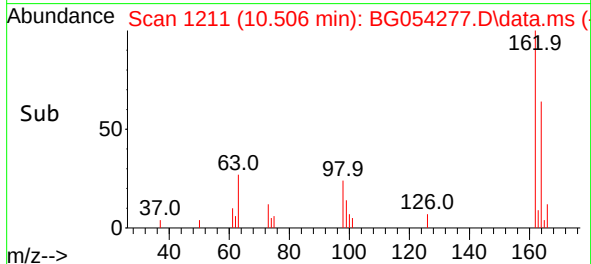
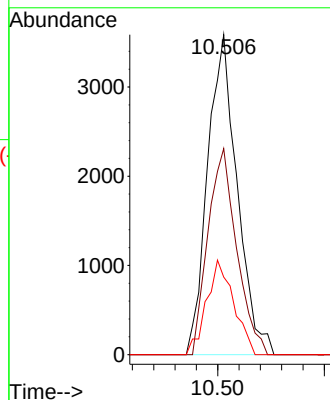
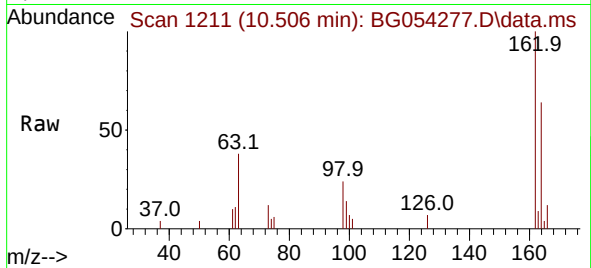
Tgt Ion:162	Resp:	6910
Ion Ratio	Lower	Upper
162	100	
164	64.4	46.6 86.6
98	24.2	22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.897 ng

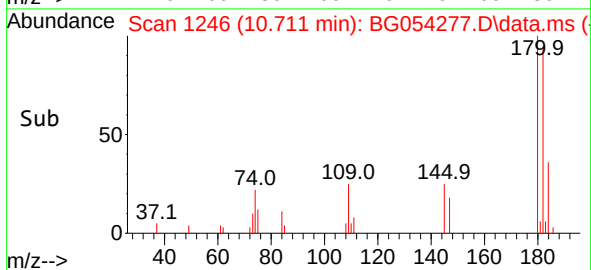
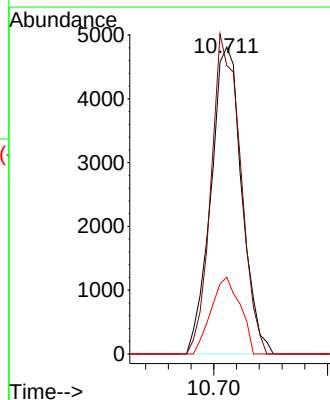
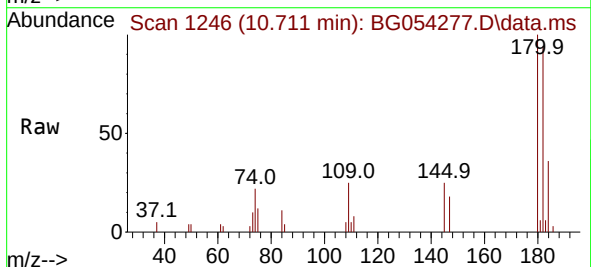
RT: 10.711 min Scan# 1246

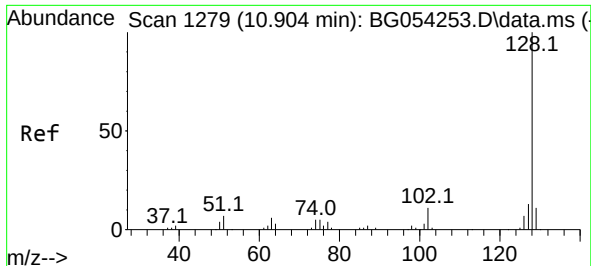
Delta R.T. -0.005 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

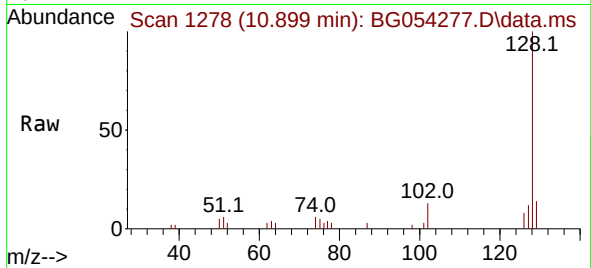
Tgt Ion:180	Resp:	9082
Ion Ratio	Lower	Upper
180	100	
182	94.1	76.6 115.0
145	25.0	25.0 37.4





#31
Naphthalene
Concen: 4.347 ng
RT: 10.899 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

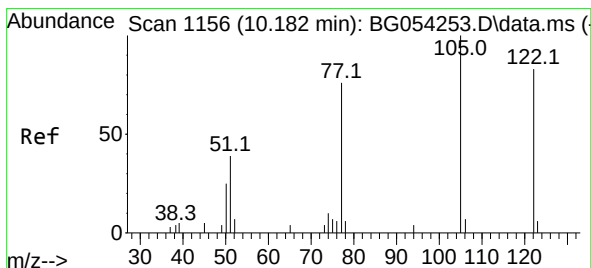
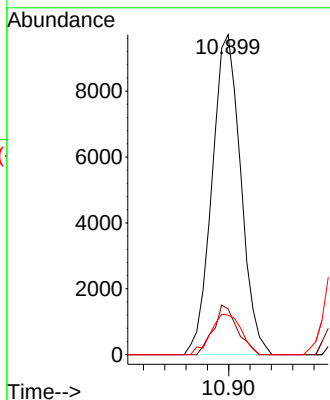
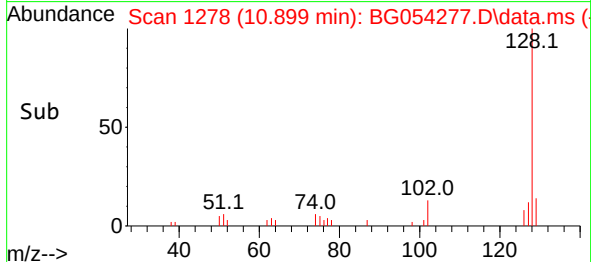
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



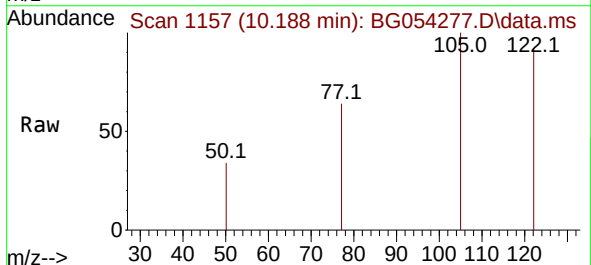
Tgt Ion:128 Resp: 1815
Ion Ratio Lower Upper
128 100
129 14.3 9.0 13.6
127 12.4 11.1 16.7

Manual Integrations
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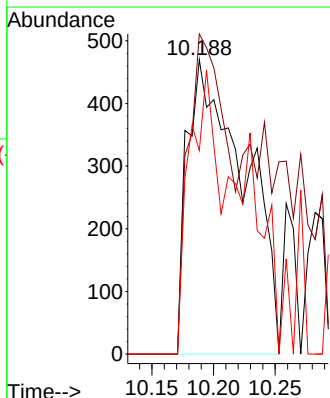
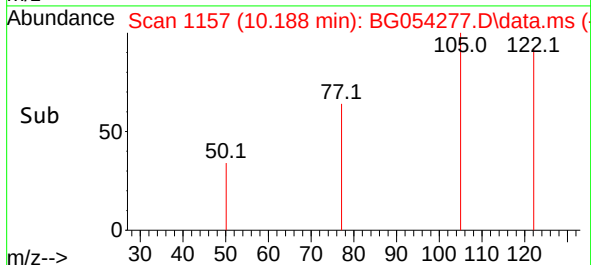
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

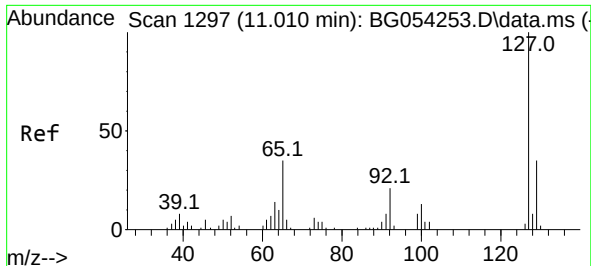


#32
Benzoic acid
Concen: 3.585 ng m
RT: 10.188 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



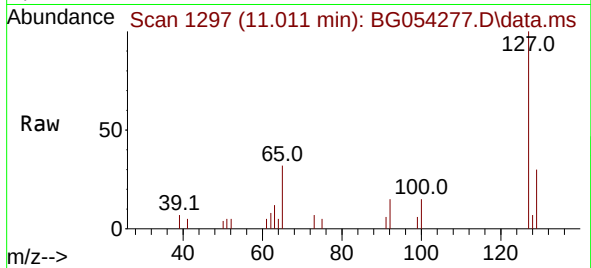
Tgt Ion:122 Resp: 1513
Ion Ratio Lower Upper
122 100
105 108.7 111.8 151.8#
77 69.1 109.4 149.4#





#33
4-Chloroaniline
Concen: 4.491 ng
RT: 11.011 min Scan# 1297
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

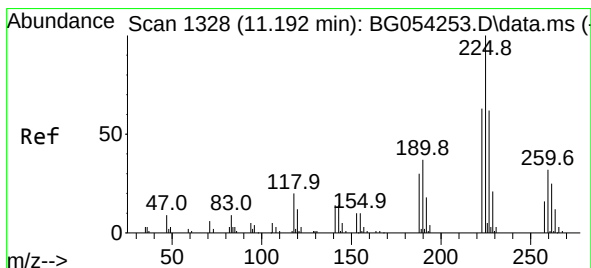
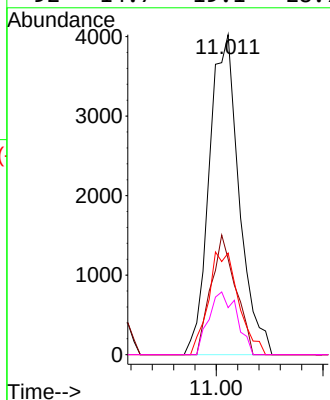
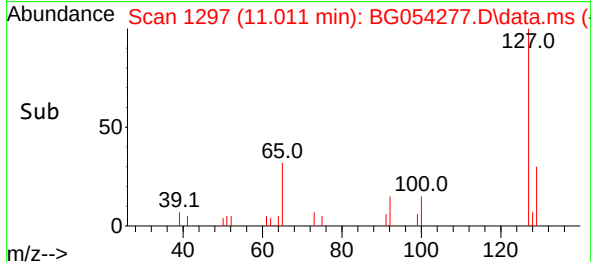
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



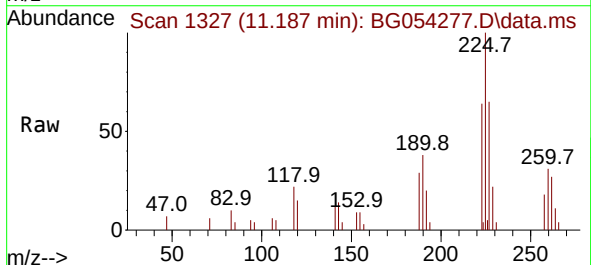
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.3	39.5
65	31.7	31.1	46.7
92	14.7	19.1	28.7

Manual Integrations
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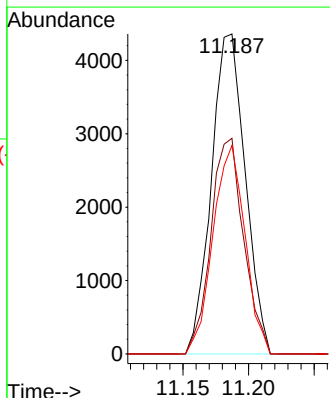
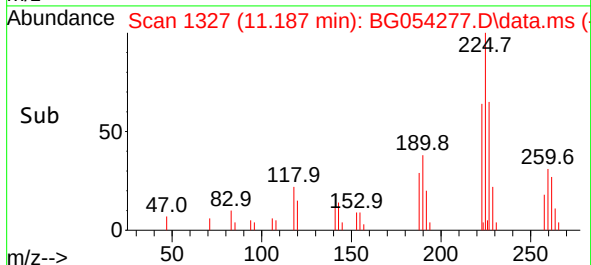
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

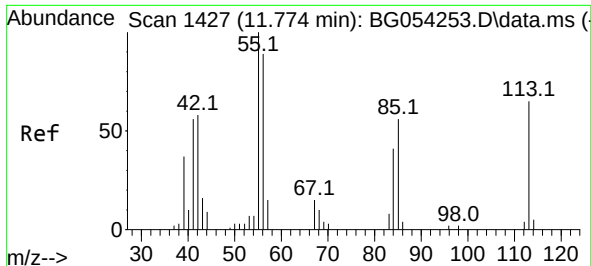


#34
Hexachlorobutadiene
Concen: 5.089 ng
RT: 11.187 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



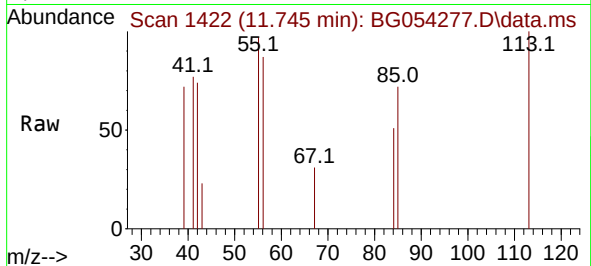
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	48.9	73.3
227	65.2	52.8	79.2





#35
Caprolactam
Concen: 3.630 ng
RT: 11.745 min Scan# 1422
Delta R.T. -0.029 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

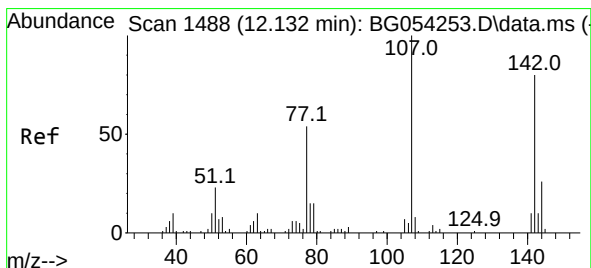
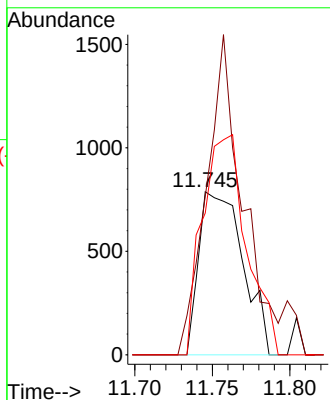
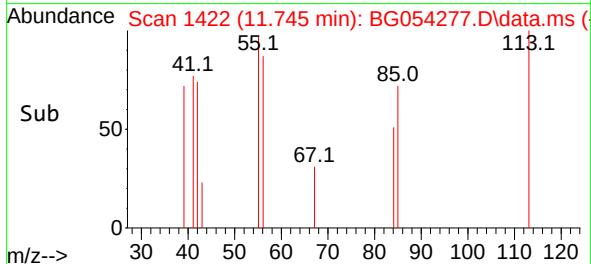
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



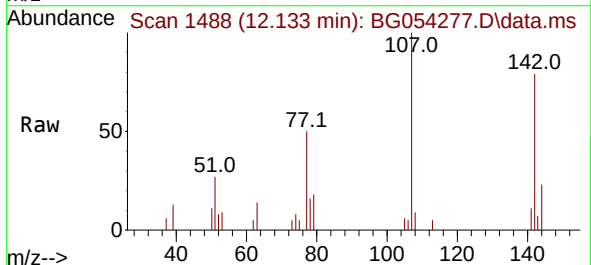
Tgt Ion:113 Resp: 1554
Ion Ratio Lower Upper
113 100
55 97.1 169.8 209.8
56 86.9 141.2 181.2

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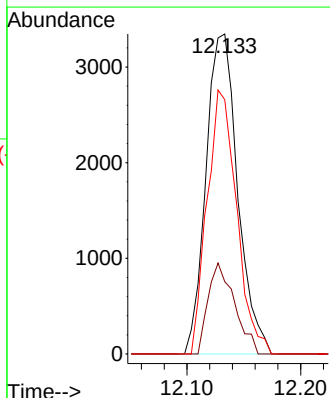
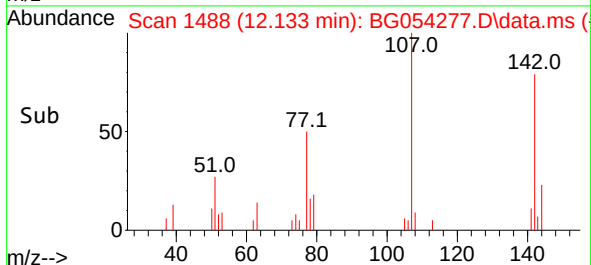
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

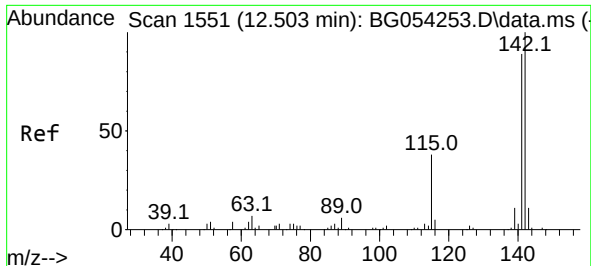


#36
4-Chloro-3-methylphenol
Concen: 4.488 ng
RT: 12.133 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



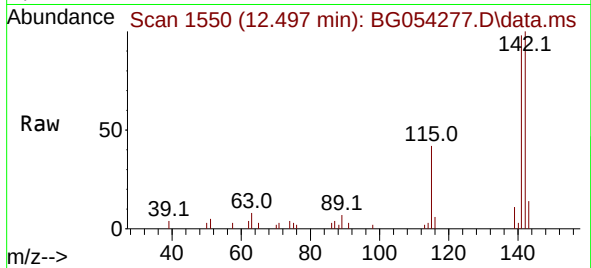
Tgt Ion:107 Resp: 6490
Ion Ratio Lower Upper
107 100
144 22.6 18.5 27.7
142 79.4 55.0 82.4





#37
2-Methylnaphthalene
Concen: 4.517 ng
RT: 12.497 min Scan# 1550
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

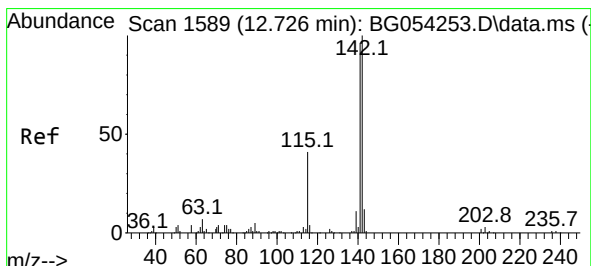
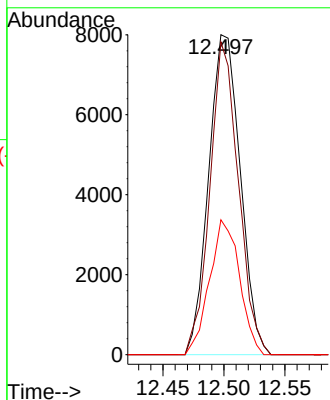
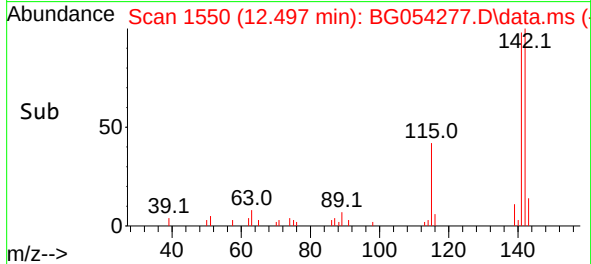
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



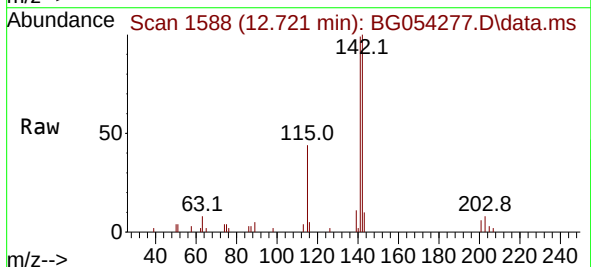
Tgt Ion:142 Resp: 14460
Ion Ratio Lower Upper
142 100
141 97.8 72.3 108.5
115 42.2 33.7 50.5

Manual Integrations
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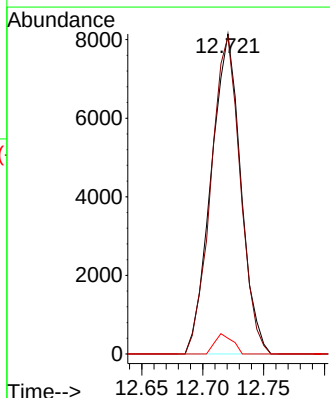
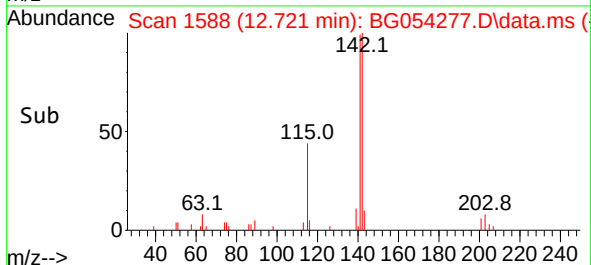
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

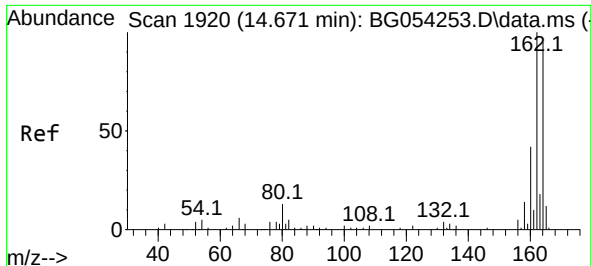


#38
1-Methylnaphthalene
Concen: 4.431 ng
RT: 12.721 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



Tgt Ion:142 Resp: 13774
Ion Ratio Lower Upper
142 100
141 99.2 76.4 114.6
116 4.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.666 min Scan# 1919

Delta R.T. -0.005 min

Lab File: BG054277.D

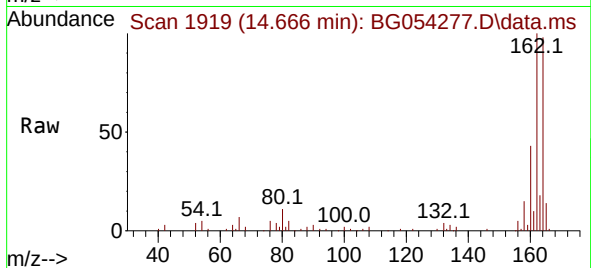
Acq: 13 Jul 2022 20:19

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022



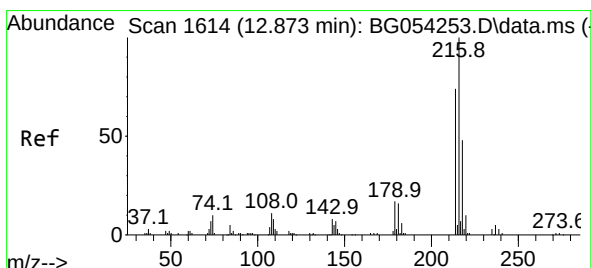
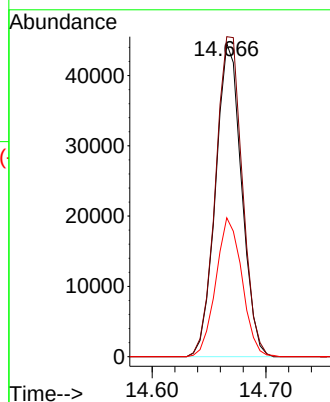
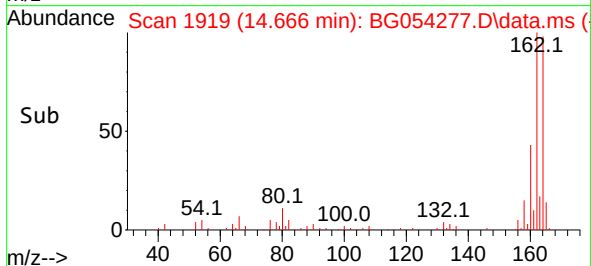
Tgt Ion:	164	Resp:	7072
Ion Ratio	100	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	44.4	34.2	51.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/14/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.048 ng

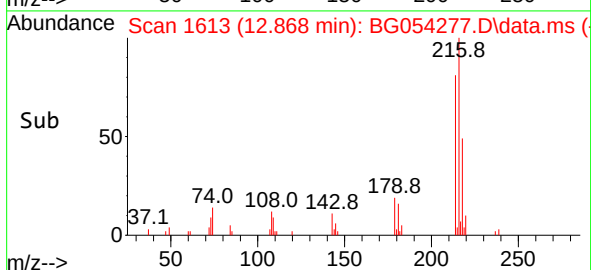
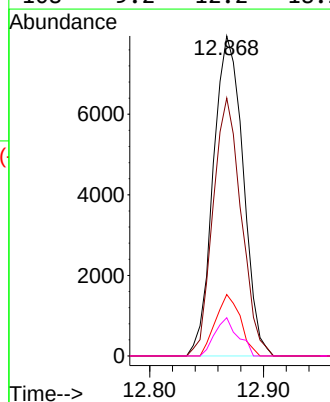
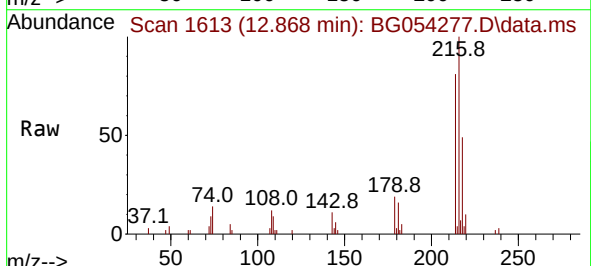
RT: 12.868 min Scan# 1613

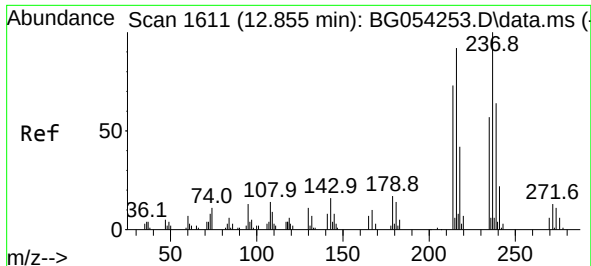
Delta R.T. -0.005 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

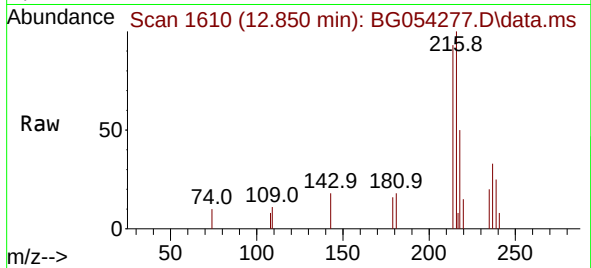
Tgt Ion:	216	Resp:	14491
Ion Ratio	100	Lower	Upper
216	100		
214	76.3	62.9	94.3
179	16.0	16.1	24.1#
108	9.2	12.2	18.2#





#41
Hexachlorocyclopentadiene
Concen: 1.403 ng
RT: 12.850 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

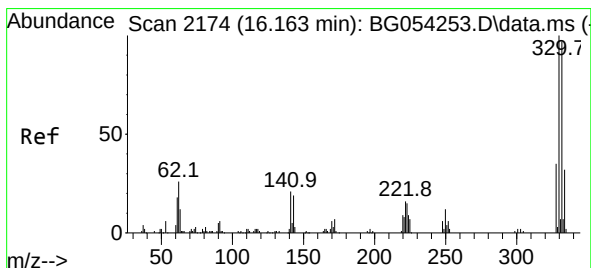
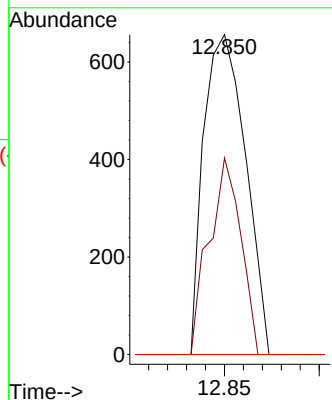
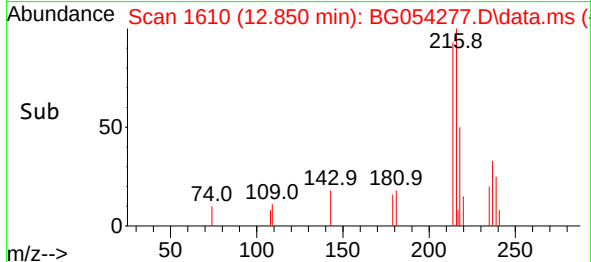
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



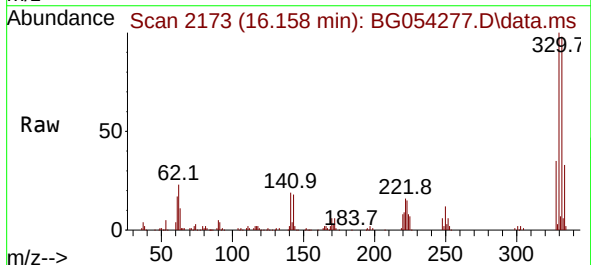
Tgt Ion:237 Resp: 100
Ion Ratio Lower Upper
237 100
235 61.4 43.5 83.5
272 0.0 0.0 30.1

Manual Integrations
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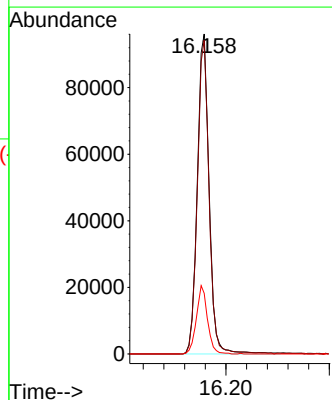
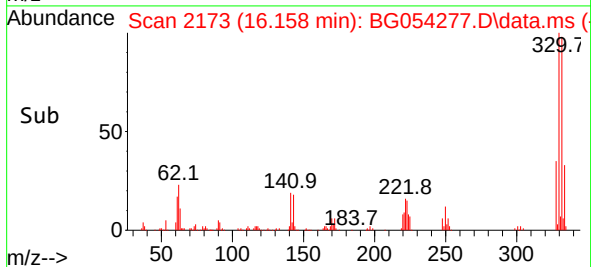
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

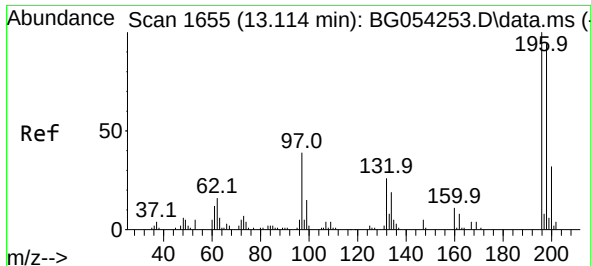


#42
2,4,6-Tribromophenol
Concen: 111.082 ng
RT: 16.158 min Scan# 2173
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



Tgt Ion:330 Resp: 152177
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 20.1 27.1 40.7#





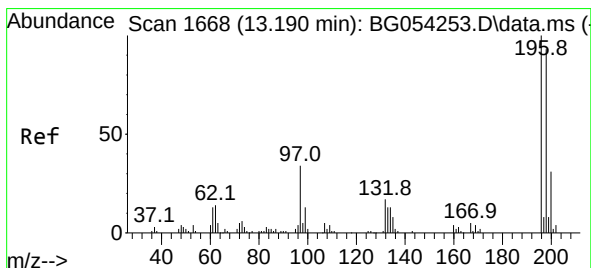
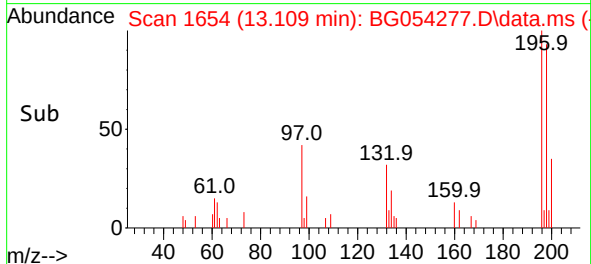
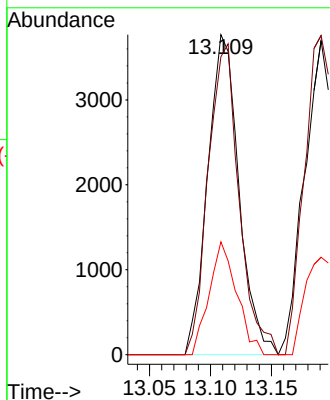
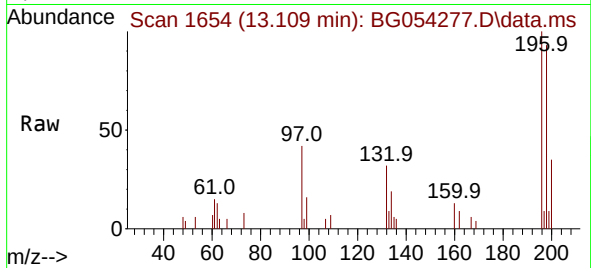
#43
2,4,6-Trichlorophenol
Concen: 4.077 ng
RT: 13.109 min Scan# 1655
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:196 Resp: 672
Ion Ratio Lower Upper
196 100
198 93.1 74.1 111.1
200 35.2 24.7 37.1

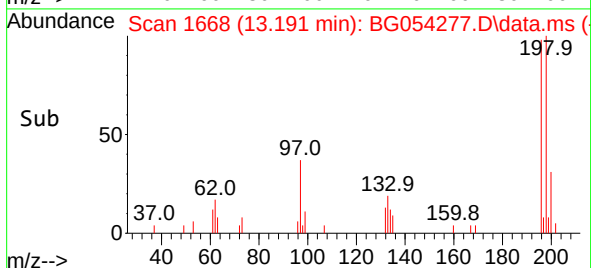
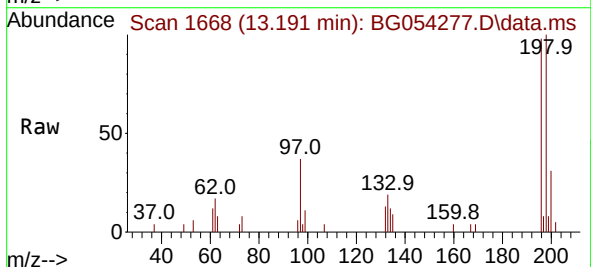
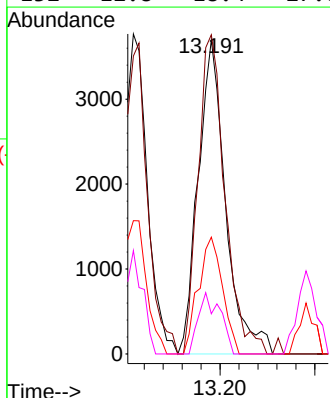
Manual Integrations
APPROVED

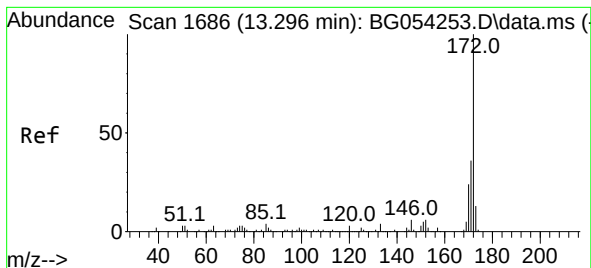
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#44
2,4,5-Trichlorophenol
Concen: 4.128 ng
RT: 13.191 min Scan# 1668
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Tgt Ion:196 Resp: 7445
Ion Ratio Lower Upper
196 100
198 101.6 76.8 115.2
97 37.2 39.8 59.6#
132 12.8 18.4 27.6#





#45

2-Fluorobiphenyl

Concen: 71.337 ng

RT: 13.291 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

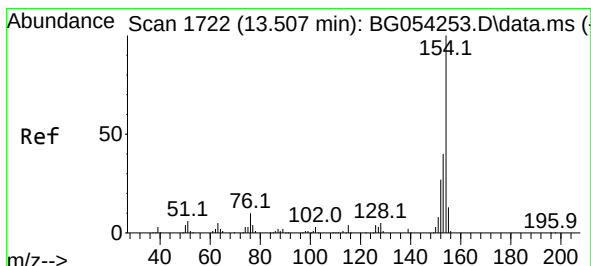
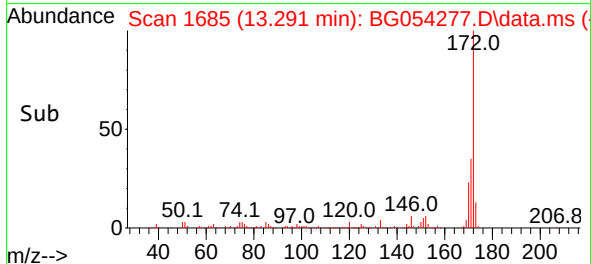
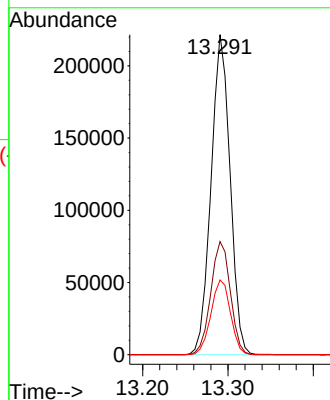
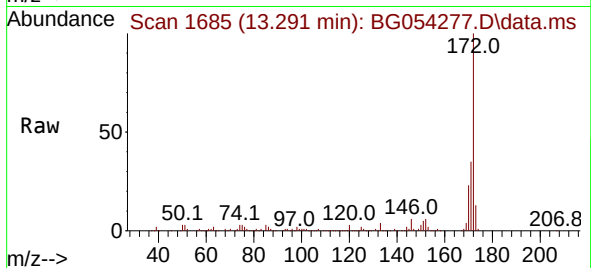
Tgt Ion:172	Resp:	343354
Ion Ratio	Lower	Upper
172	100	
171	35.3	28.5 42.7
170	23.4	18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#46

1,1'-Biphenyl

Concen: 4.639 ng

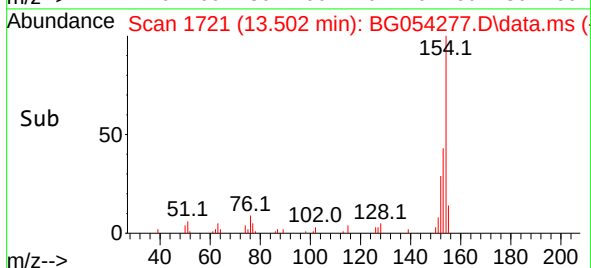
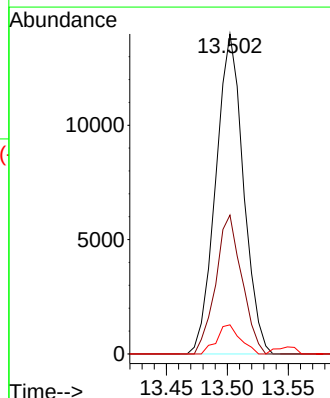
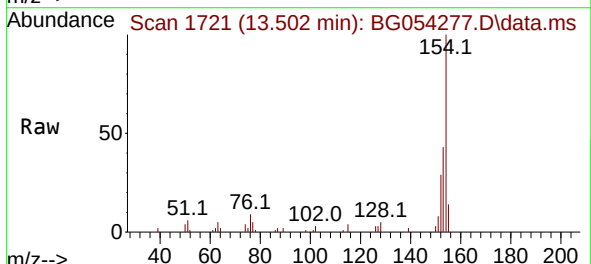
RT: 13.502 min Scan# 1721

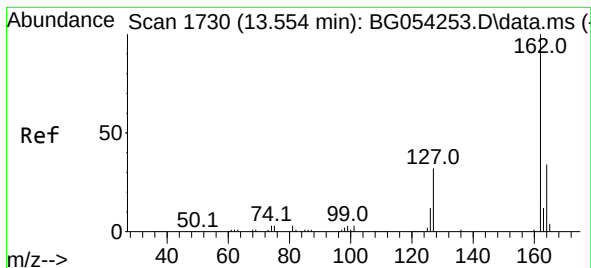
Delta R.T. -0.005 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

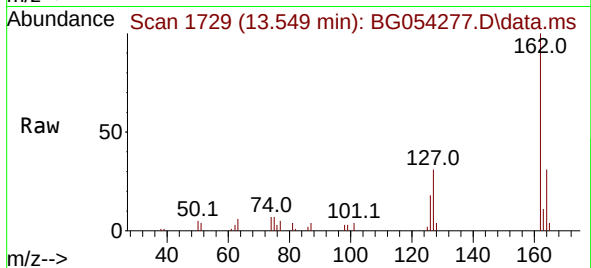
Tgt Ion:154	Resp:	22062
Ion Ratio	Lower	Upper
154	100	
153	43.4	21.6 61.6
76	9.1	0.0 32.6





#47
2-Chloronaphthalene
Concen: 4.554 ng
RT: 13.549 min Scan# 1729
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

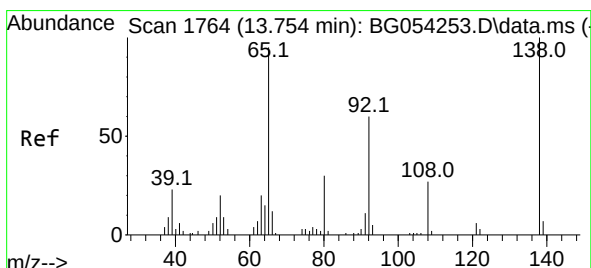
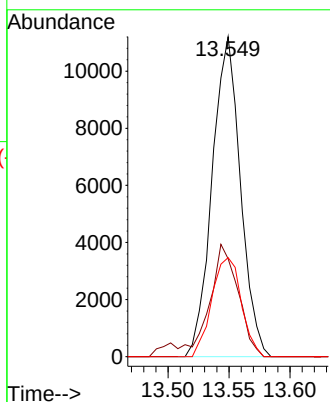
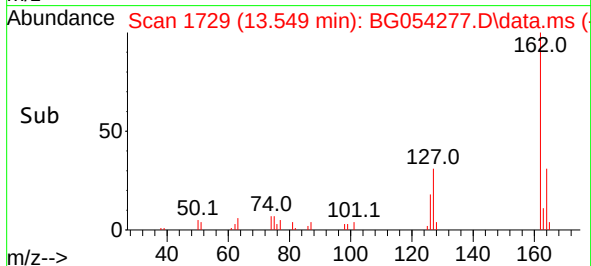
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:162 Resp: 1810
Ion Ratio Lower Upper
162 100
127 30.6 30.6 45.8
164 31.0 26.5 39.7

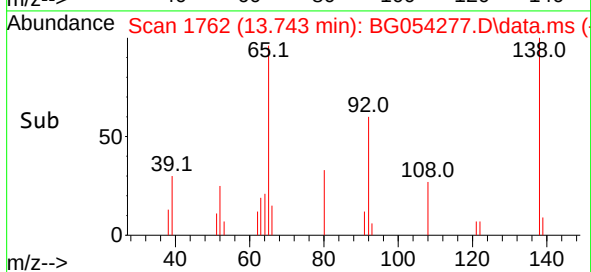
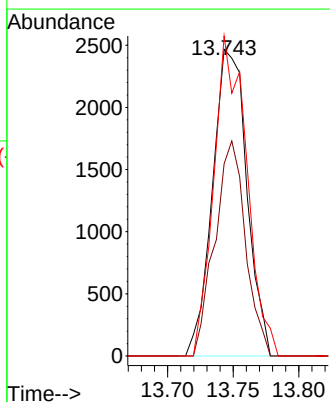
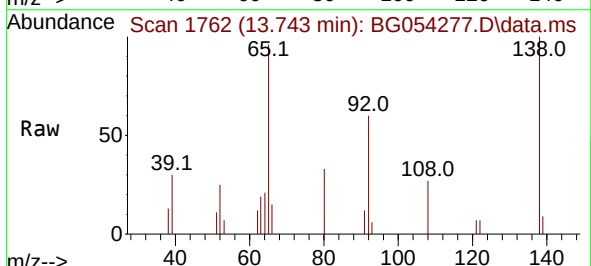
Manual Integrations
APPROVED

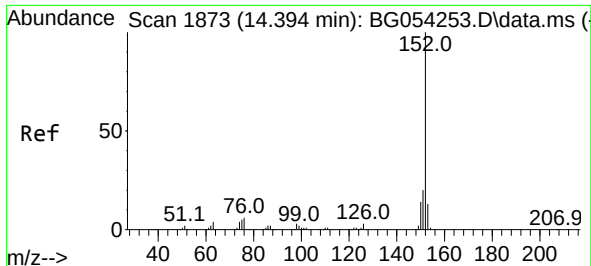
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#48
2-Nitroaniline
Concen: 3.986 ng
RT: 13.743 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Tgt Ion: 65 Resp: 4485
Ion Ratio Lower Upper
65 100
92 62.7 51.5 77.3
138 104.3 71.3 106.9





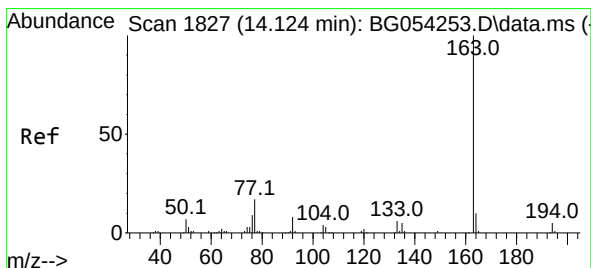
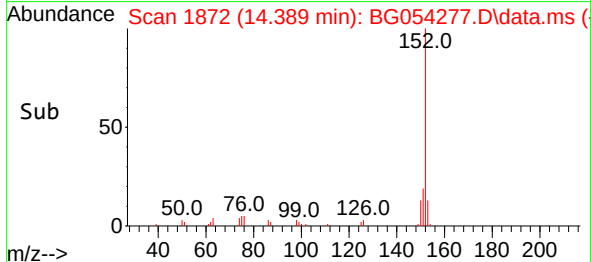
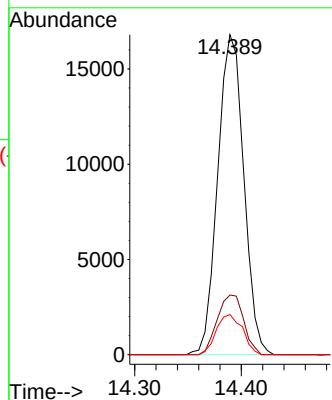
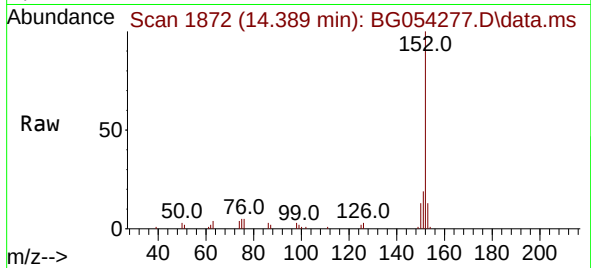
#49
Acenaphthylene
Concen: 4.718 ng
RT: 14.389 min Scan# 1872
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:152 Resp: 28459
Ion Ratio Lower Upper
152 100
151 18.6 16.4 24.6
153 12.6 10.8 16.2

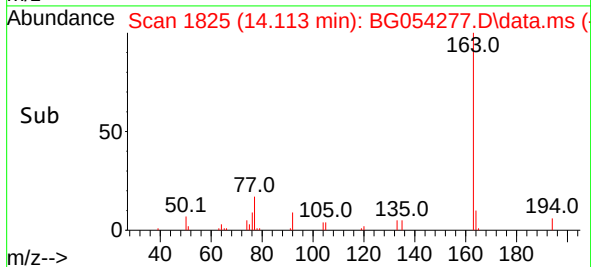
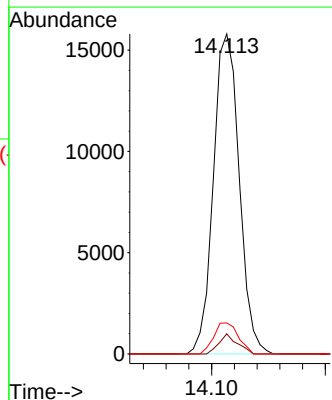
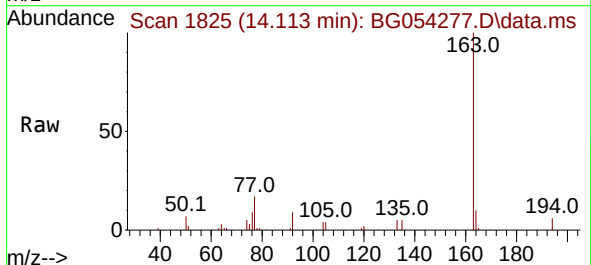
Manual Integrations
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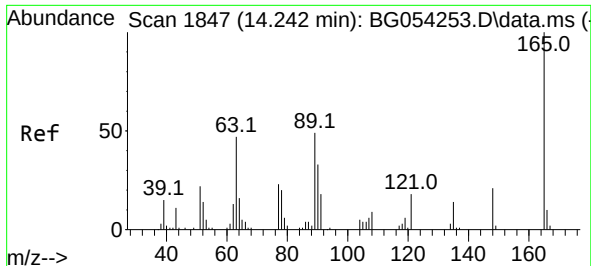
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#50
Dimethylphthalate
Concen: 4.483 ng
RT: 14.113 min Scan# 1825
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

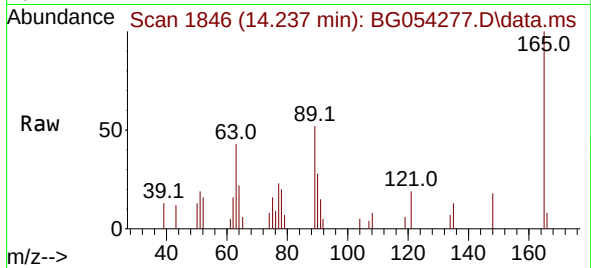
Tgt Ion:163 Resp: 24893
Ion Ratio Lower Upper
163 100
194 6.3 3.0 4.6#
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 4.422 ng
RT: 14.237 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

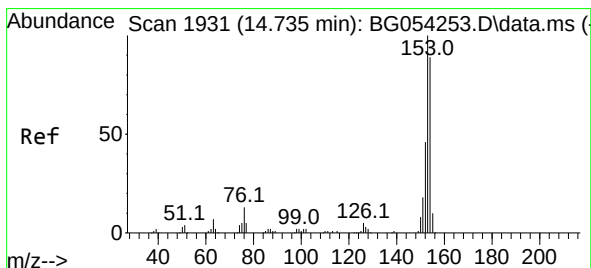
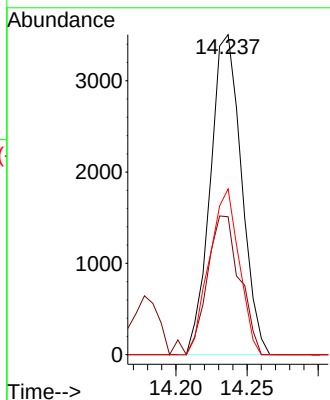
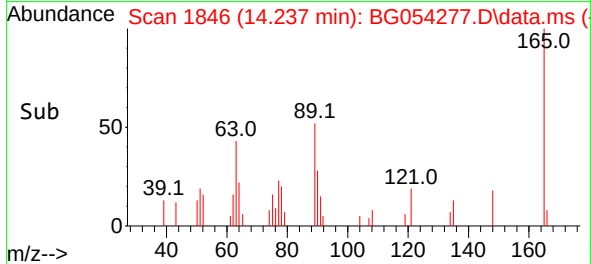
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



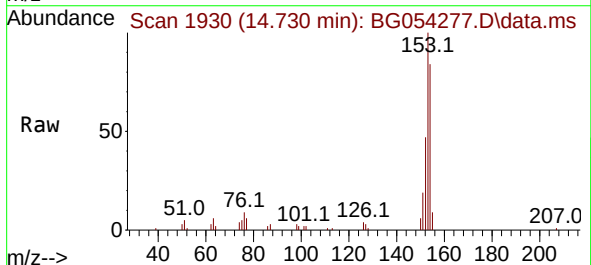
Tgt Ion:165 Resp: 533
Ion Ratio Lower Upper
165 100
63 43.1 54.1 81.1
89 51.8 54.8 82.2

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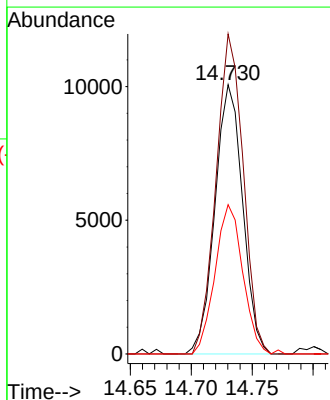
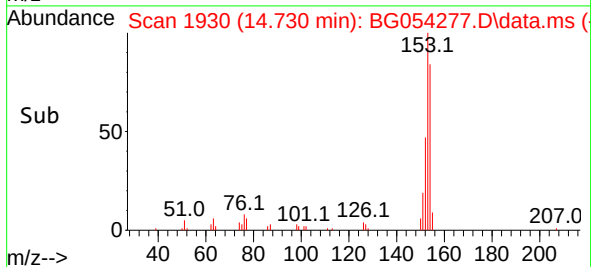
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

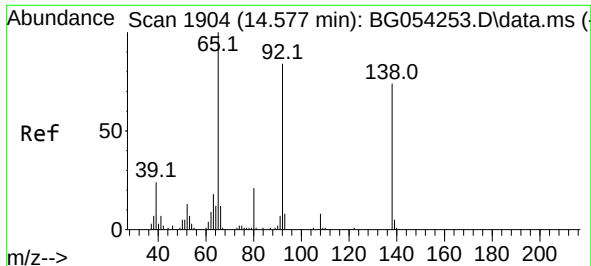


#52
Acenaphthene
Concen: 4.364 ng
RT: 14.730 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



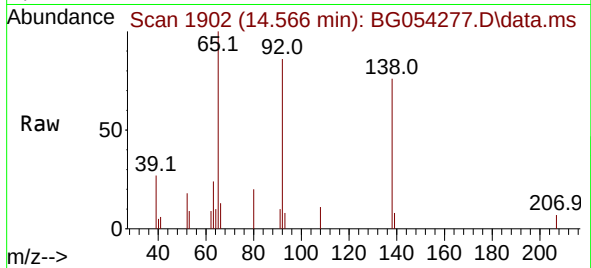
Tgt Ion:154 Resp: 15921
Ion Ratio Lower Upper
154 100
153 118.8 92.7 139.1
152 55.4 42.6 64.0





#53
3-Nitroaniline
Concen: 4.014 ng
RT: 14.566 min Scan# 1902
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

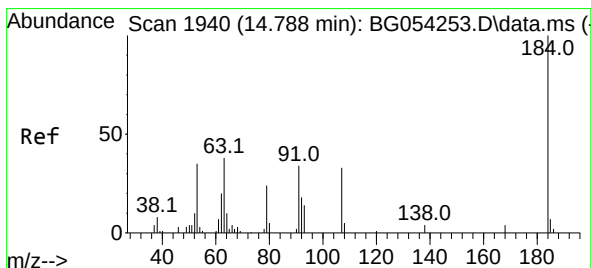
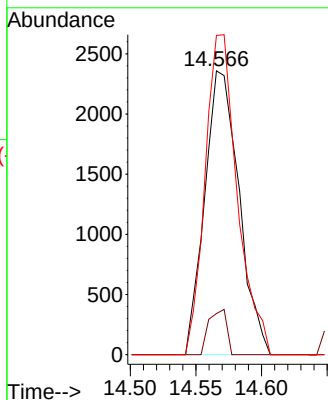
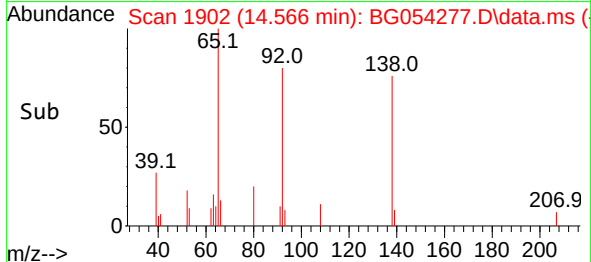
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



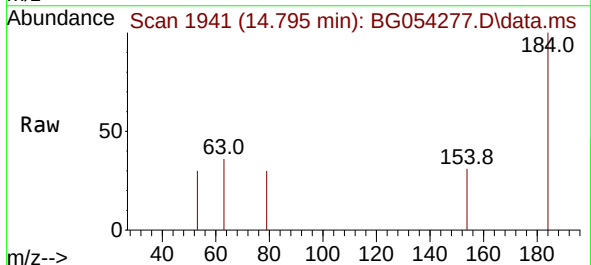
Tgt Ion:138 Resp: 4294
Ion Ratio Lower Upper
138 100
108 14.5 9.2 13.8#
92 112.4 101.9 152.9

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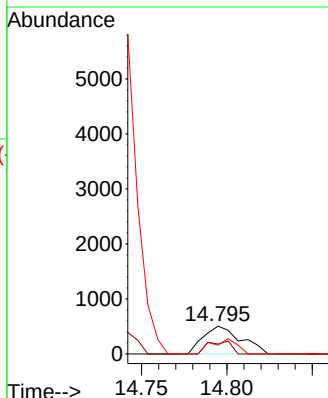
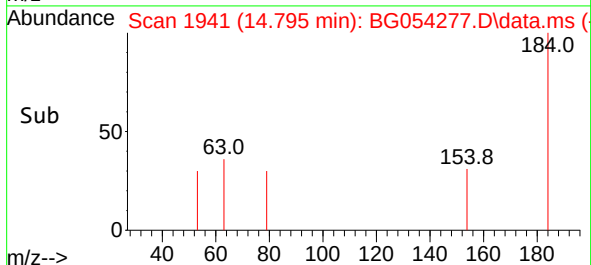
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

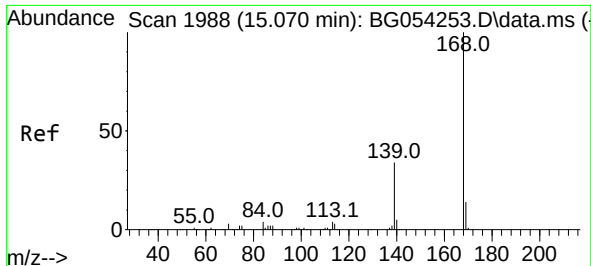


#54
2,4-Dinitrophenol
Concen: 1.370 ng
RT: 14.795 min Scan# 1941
Delta R.T. 0.007 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



Tgt Ion:184 Resp: 775
Ion Ratio Lower Upper
184 100
63 35.7 61.1 91.7#
154 31.4 60.6 91.0#





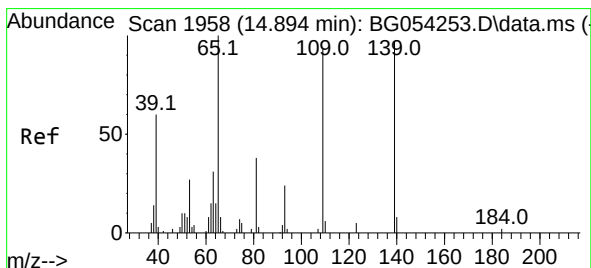
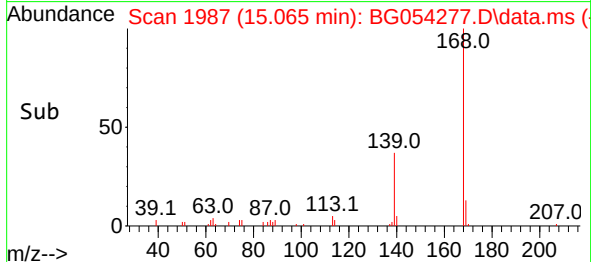
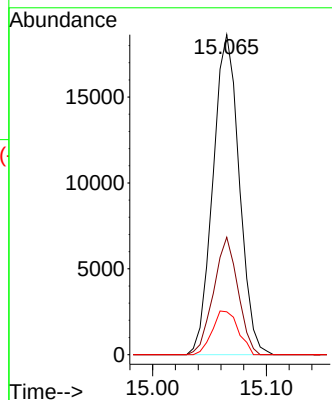
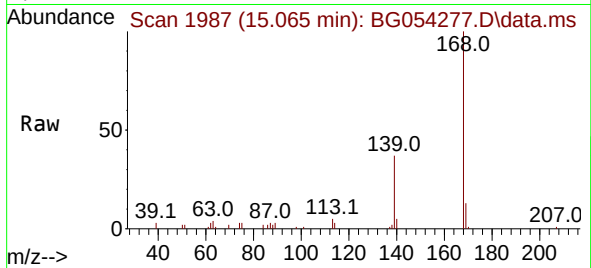
#55
Dibenzofuran
Concen: 4.662 ng
RT: 15.065 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:168 Resp: 2987
Ion Ratio Lower Upper
168 100
139 36.7 30.5 45.7
169 13.4 10.3 15.5

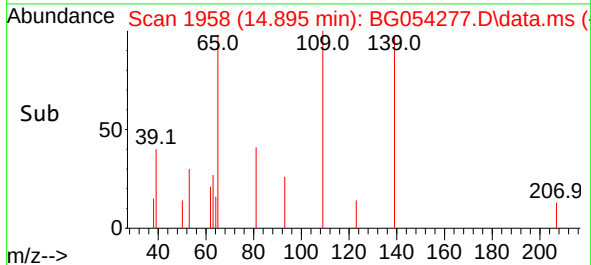
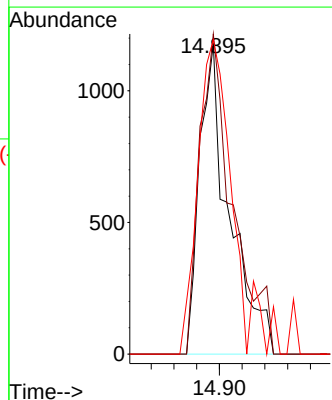
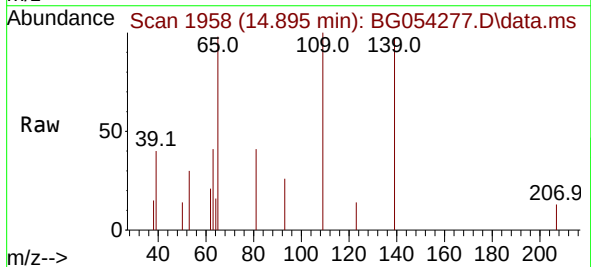
Manual Integrations
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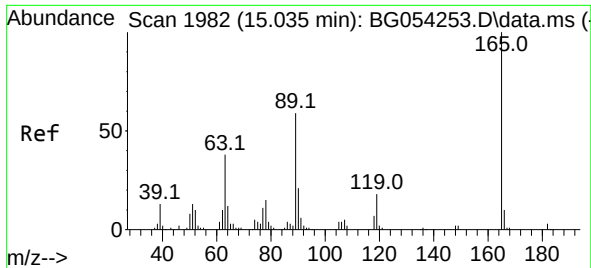
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#56
4-Nitrophenol
Concen: 3.106 ng
RT: 14.895 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

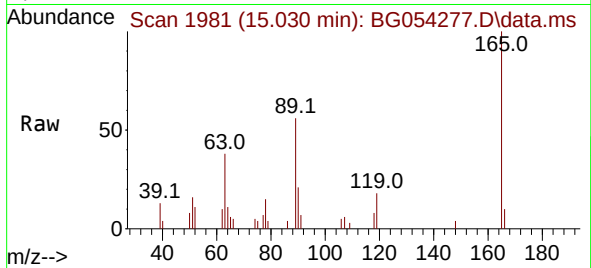
Tgt Ion:139 Resp: 2135
Ion Ratio Lower Upper
139 100
109 103.1 88.5 128.5
65 101.3 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 4.266 ng
RT: 15.030 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

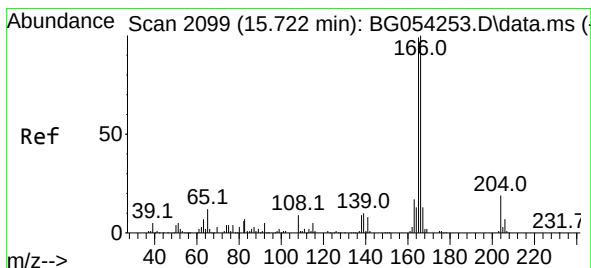
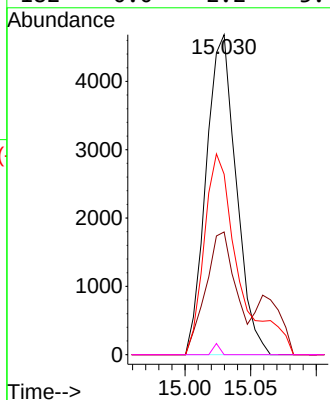
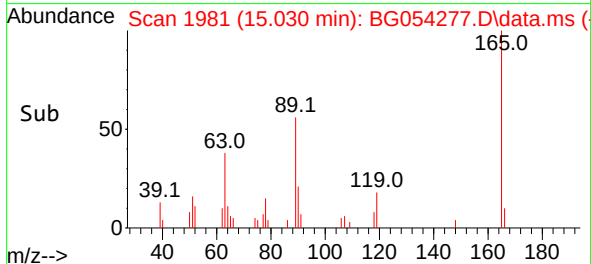
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



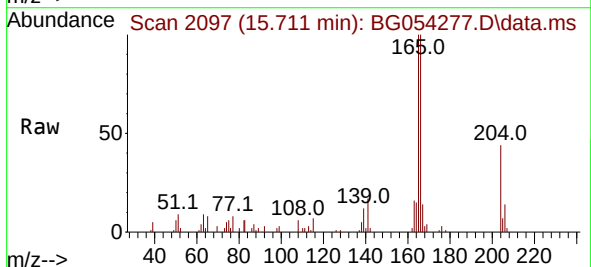
Tgt Ion:165 Resp: 745
Ion Ratio Lower Upper
165 100
63 38.3 34.6 52.0
89 56.4 60.3 90.5
182 0.0 2.2 3.4#

Manual Integrations
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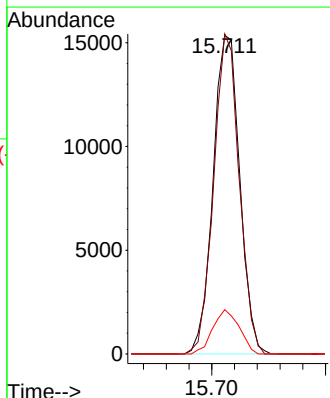
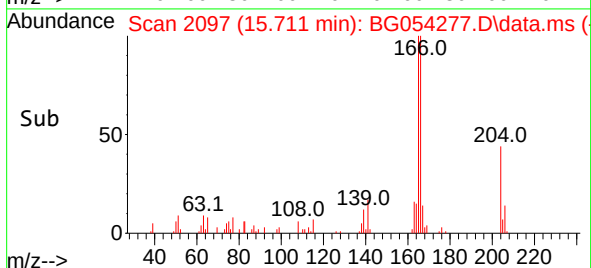
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

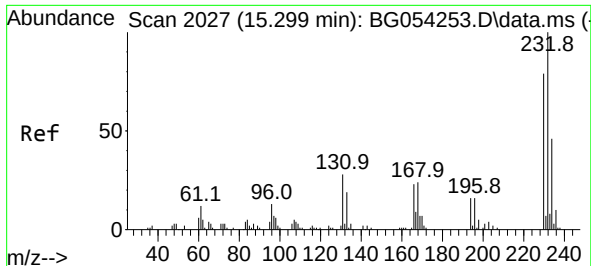


#58
Fluorene
Concen: 4.691 ng
RT: 15.711 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



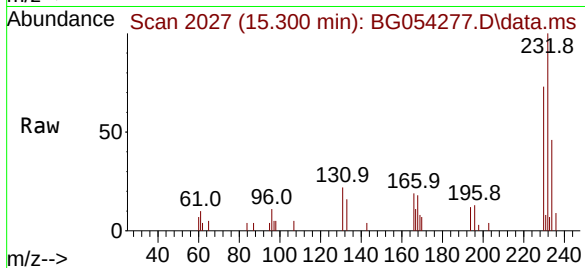
Tgt Ion:166 Resp: 24970
Ion Ratio Lower Upper
166 100
165 100.4 75.0 112.6
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.220 ng
RT: 15.300 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

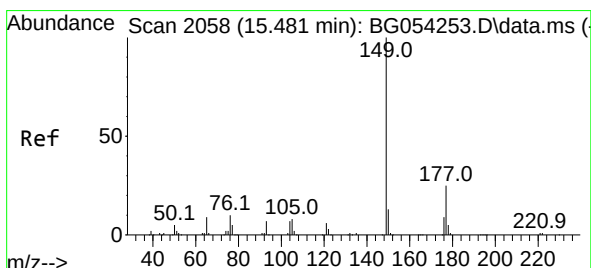
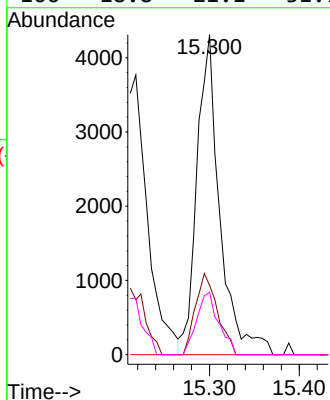
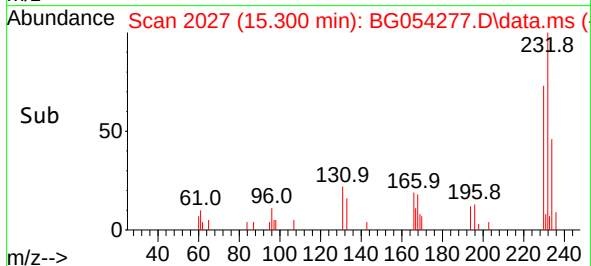
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



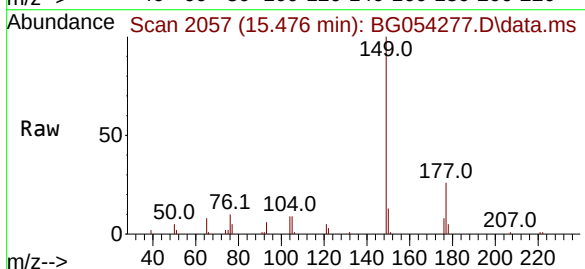
Tgt Ion:232 Resp: 762
Ion Ratio Lower Upper
232 100
131 24.6 30.6 46.0
130 0.0 1.8 2.8
166 18.8 21.1 31.7

Manual Integrations
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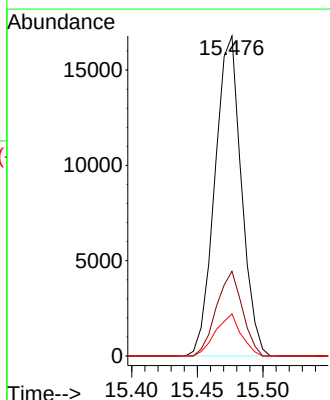
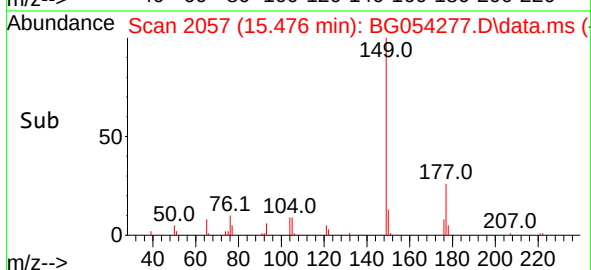
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

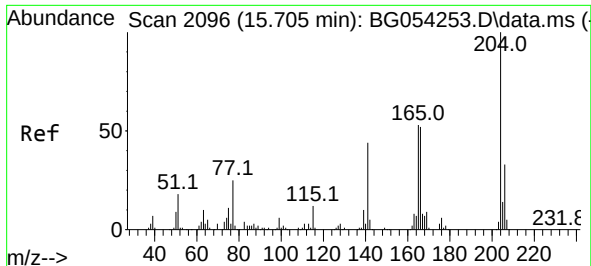


#60
Diethylphthalate
Concen: 4.352 ng
RT: 15.476 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



Tgt Ion:149 Resp: 23568
Ion Ratio Lower Upper
149 100
177 26.5 18.4 27.6
150 13.1 11.2 16.8





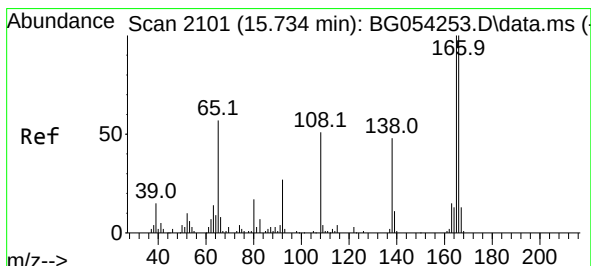
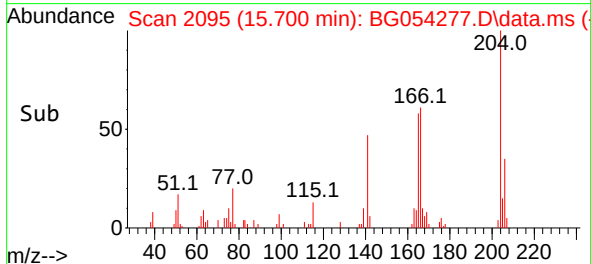
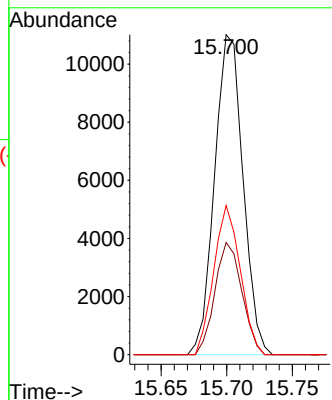
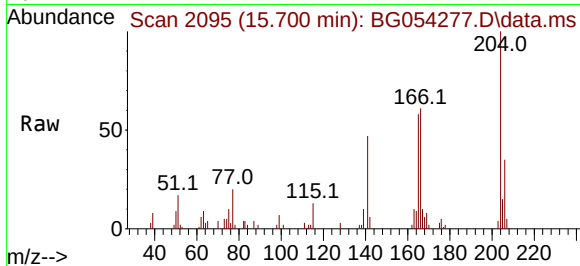
#61
4-Chlorophenyl-phenylether
Concen: 4.904 ng
RT: 15.700 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:204 Resp: 1658
Ion Ratio Lower Upper
204 100
206 35.0 27.5 41.3
141 46.6 45.3 67.9

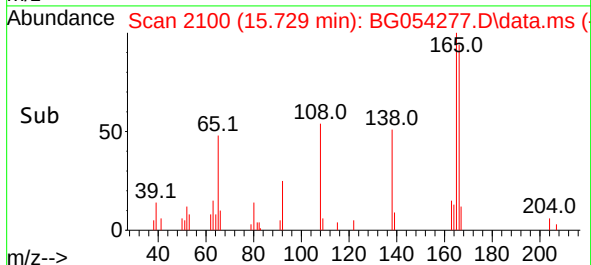
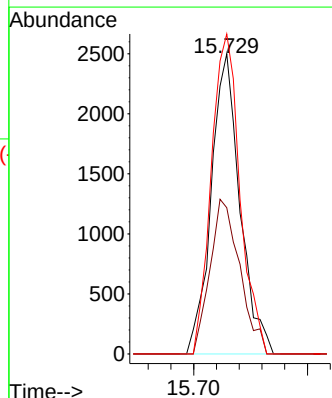
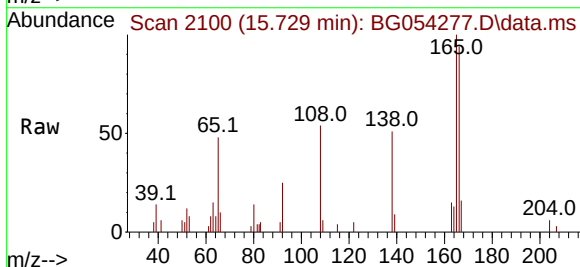
Manual Integrations
APPROVED

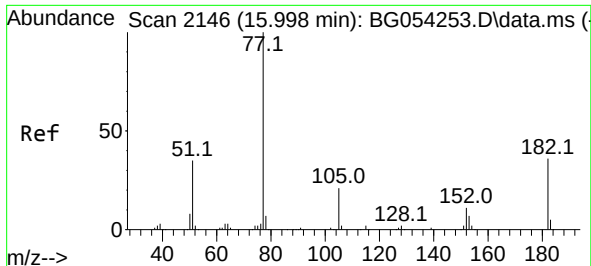
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#62
4-Nitroaniline
Concen: 3.926 ng
RT: 15.729 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

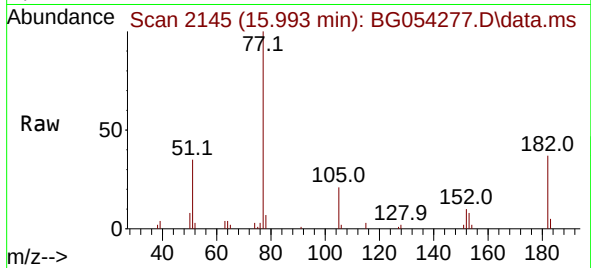
Tgt Ion:138 Resp: 4387
Ion Ratio Lower Upper
138 100
92 48.7 40.5 80.5
108 106.6 103.7 143.7





#63
Azobenzene
Concen: 4.065 ng
RT: 15.993 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

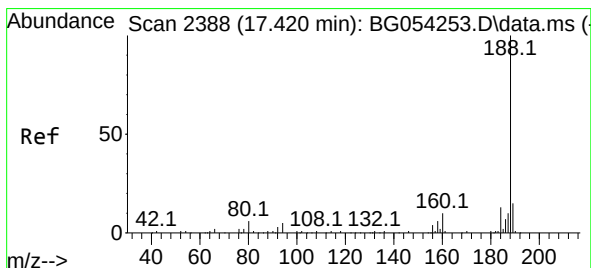
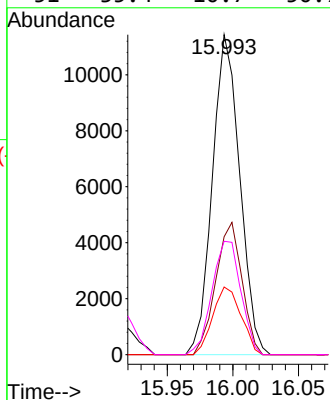
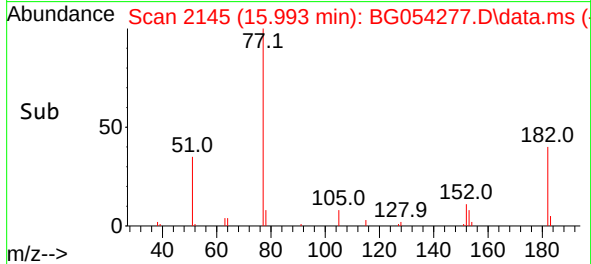
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



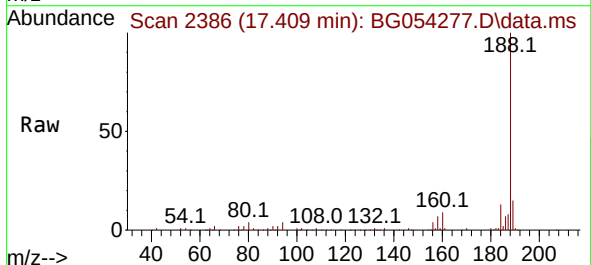
Tgt Ion: 77 Resp: 16590
Ion Ratio Lower Upper
77 100
182 36.8 3.8 43.8
105 21.2 0.0 37.8
51 35.4 10.7 50.7

Manual Integrations
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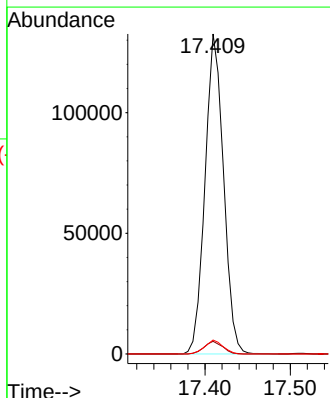
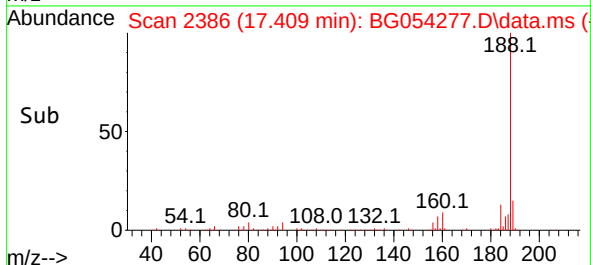
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

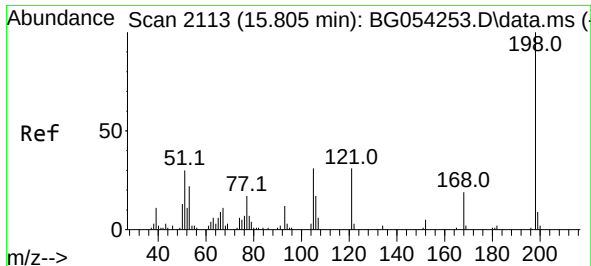


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.409 min Scan# 2386
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



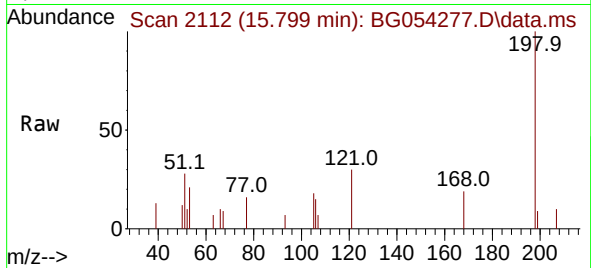
Tgt Ion:188 Resp: 199830
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.4 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 3.156 ng
RT: 15.799 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

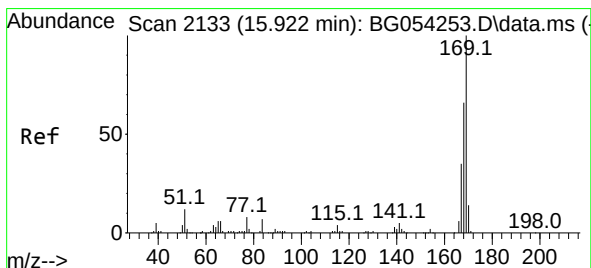
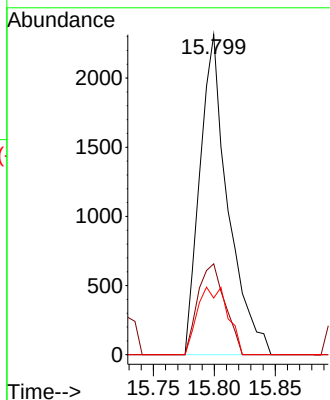
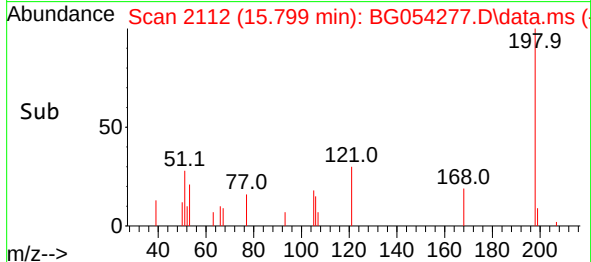
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



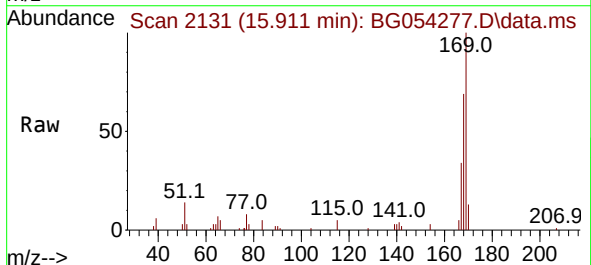
Tgt Ion:198 Resp: 3710
Ion Ratio Lower Upper
198 100
51 28.4 28.1 68.1
105 17.7 20.3 60.3

Manual Integrations
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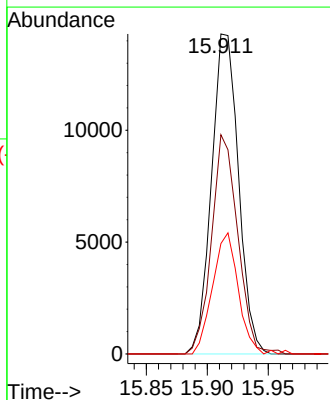
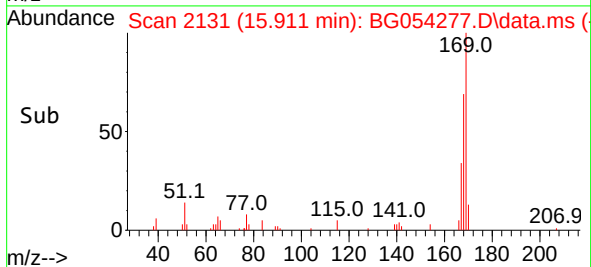
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

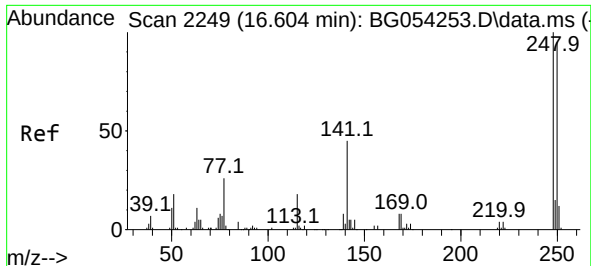


#66
n-Nitrosodiphenylamine
Concen: 4.371 ng
RT: 15.911 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



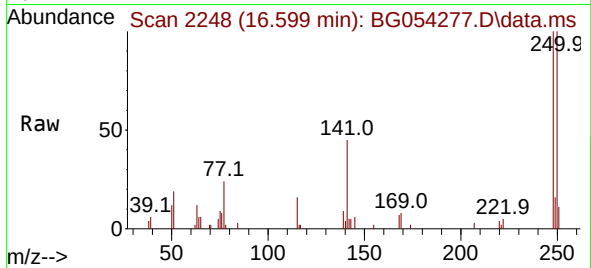
Tgt Ion:169 Resp: 22029
Ion Ratio Lower Upper
169 100
168 68.5 55.9 83.9
167 34.5 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 4.564 ng
RT: 16.599 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

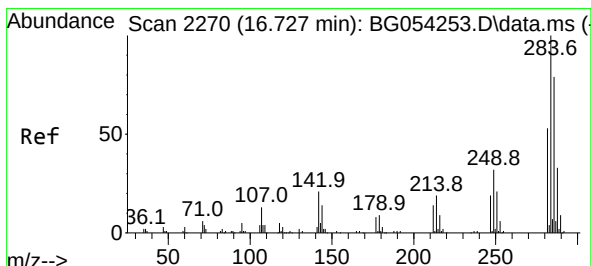
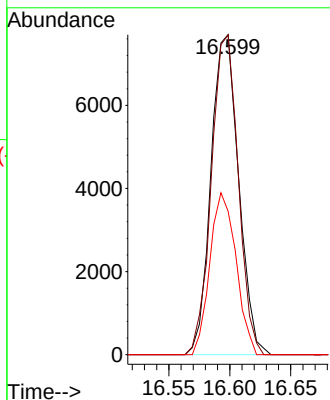
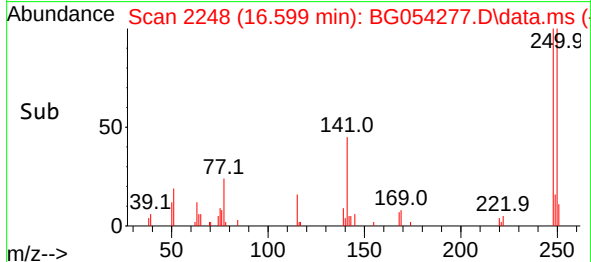
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2022



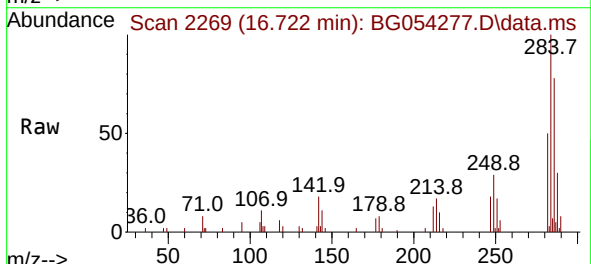
Tgt Ion:248 Resp: 12164
Ion Ratio Lower Upper
248 100
250 99.9 75.2 112.8
141 44.8 50.0 75.0

Manual Integrations
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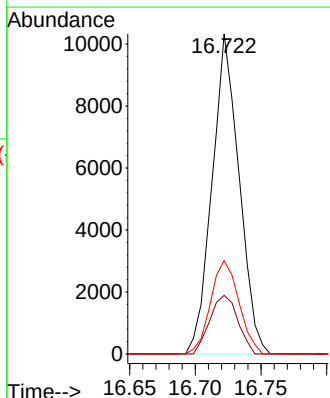
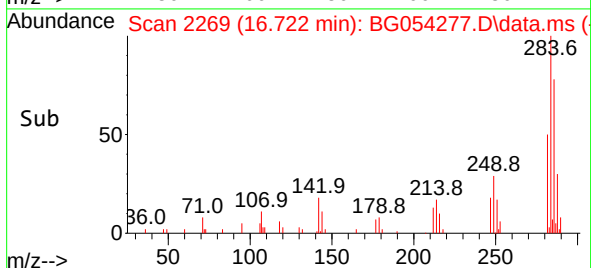
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

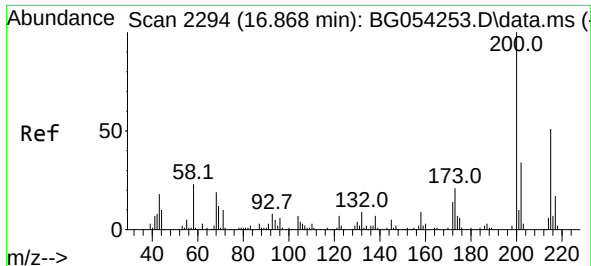


#68
Hexachlorobenzene
Concen: 4.857 ng
RT: 16.722 min Scan# 2269
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



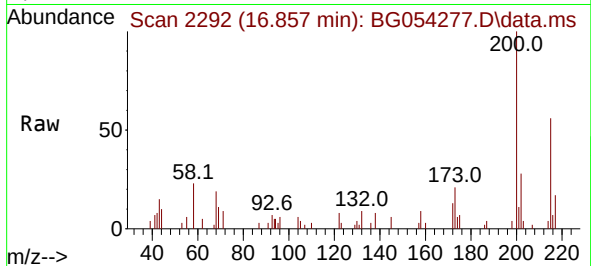
Tgt Ion:284 Resp: 14775
Ion Ratio Lower Upper
284 100
142 18.3 23.6 35.4#
249 31.2 25.8 38.6





#69
 Atrazine
 Concen: 4.790 ng
 RT: 16.857 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19

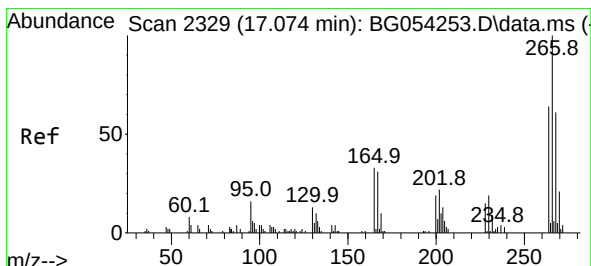
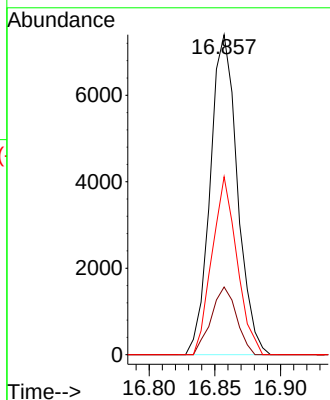
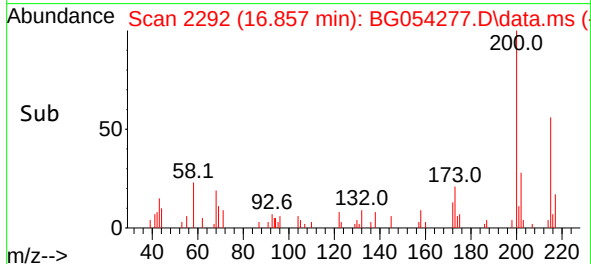
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



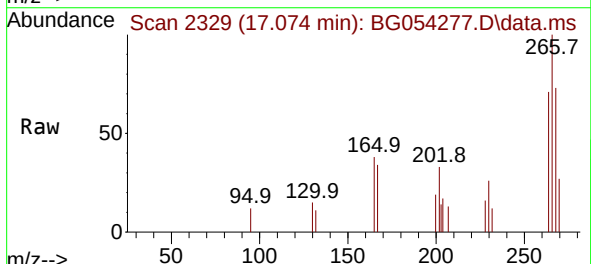
Tgt Ion:200 Resp: 10664
 Ion Ratio Lower Upper
 200 100
 173 21.1 3.7 43.7
 215 55.6 25.2 65.2

Manual Integrations
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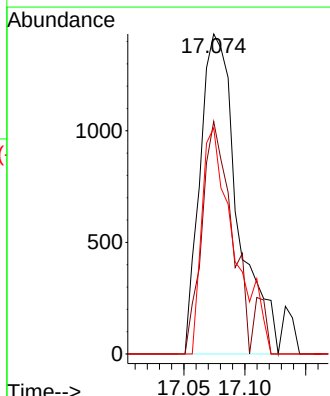
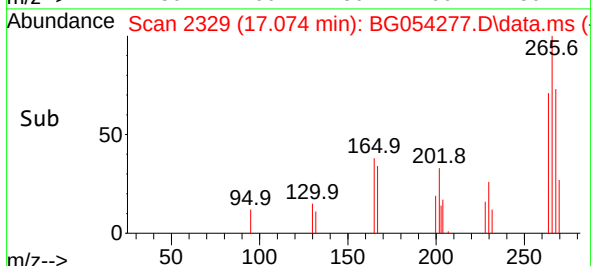
Reviewed By :Christian Giraldo 07/14/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

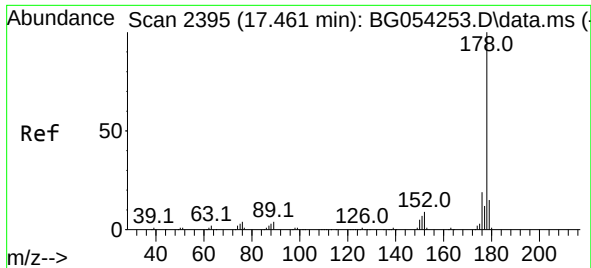


#70
 Pentachlorophenol
 Concen: 2.529 ng
 RT: 17.074 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19



Tgt Ion:266 Resp: 3091
 Ion Ratio Lower Upper
 266 100
 268 72.7 56.2 84.2
 264 70.6 53.0 79.4





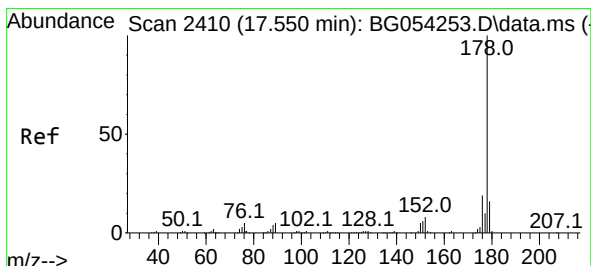
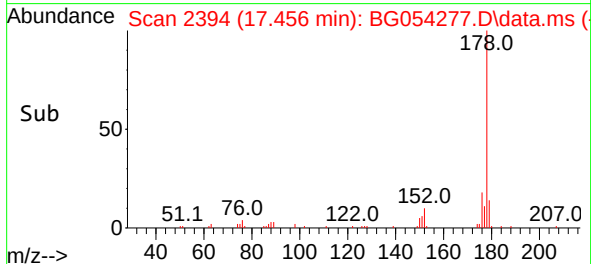
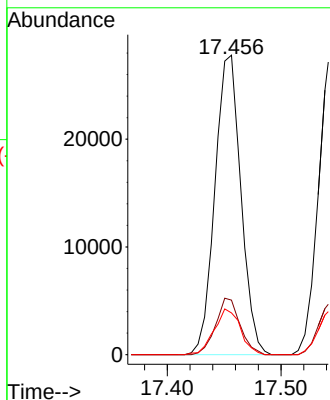
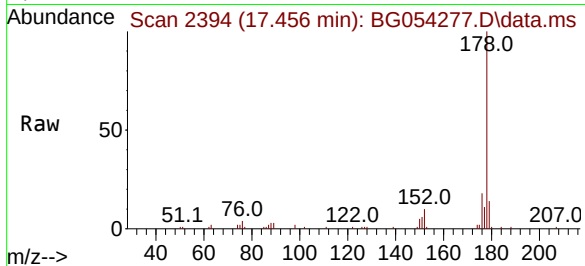
#71
Phenanthrene
Concen: 4.412 ng
RT: 17.456 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:178 Resp: 44099
Ion Ratio Lower Upper
178 100
176 18.2 14.1 21.1
179 14.0 12.1 18.1

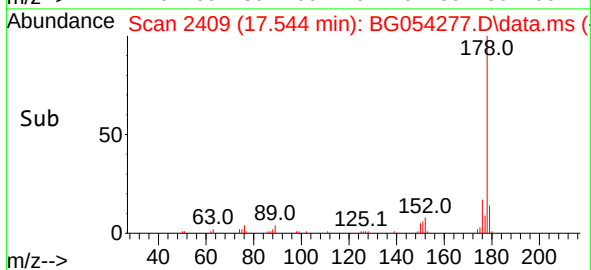
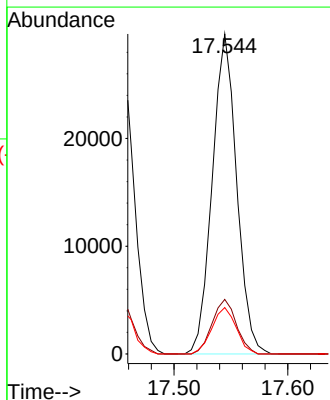
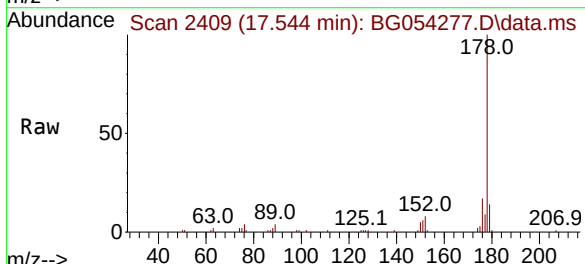
Manual Integrations
APPROVED

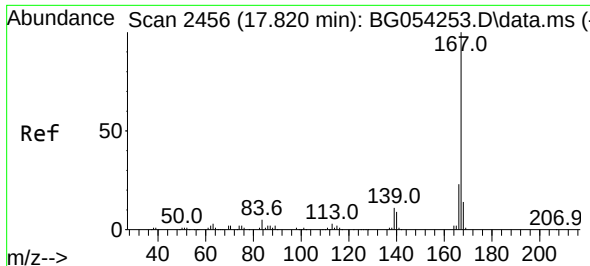
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#72
Anthracene
Concen: 4.530 ng
RT: 17.544 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

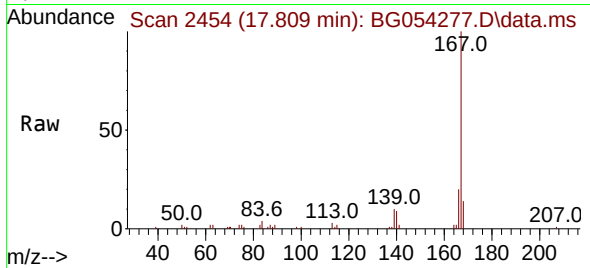
Tgt Ion:178 Resp: 44345
Ion Ratio Lower Upper
178 100
176 17.1 15.2 22.8
179 14.5 13.0 19.4





#73
 Carbazole
 Concen: 4.409 ng
 RT: 17.809 min Scan# 2456
 Delta R.T. -0.011 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19

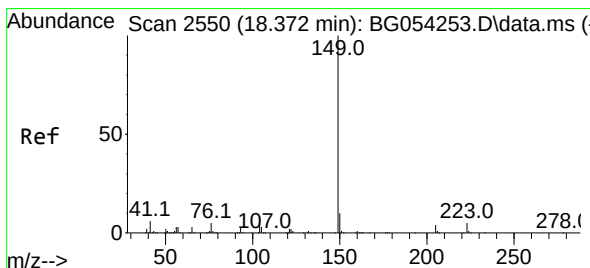
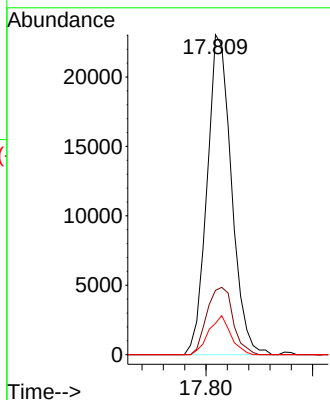
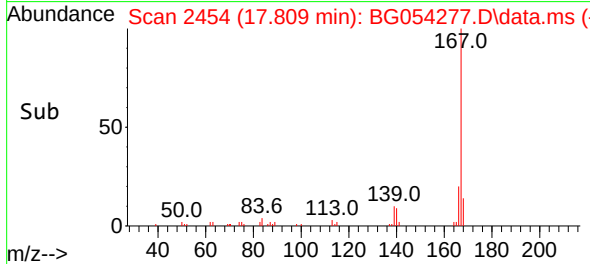
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



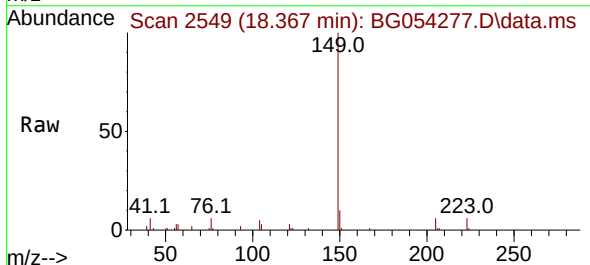
Tgt Ion:167 Resp: 3655
 Ion Ratio Lower Upper
 167 100
 166 20.1 18.2 27.2
 139 9.8 10.1 15.1

Manual Integrations
 APPROVED

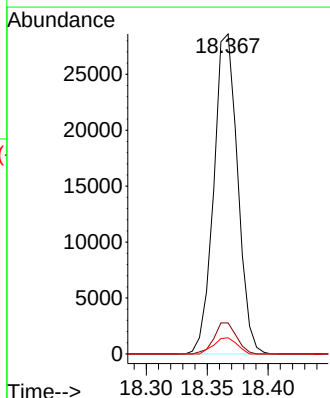
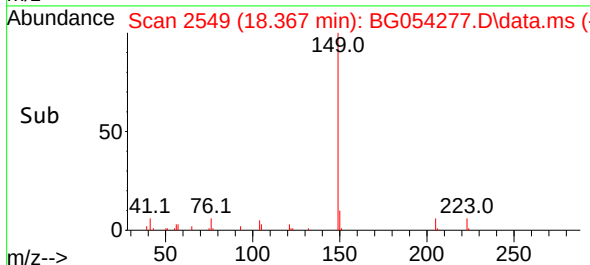
Reviewed By :Christian Giraldo 07/14/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

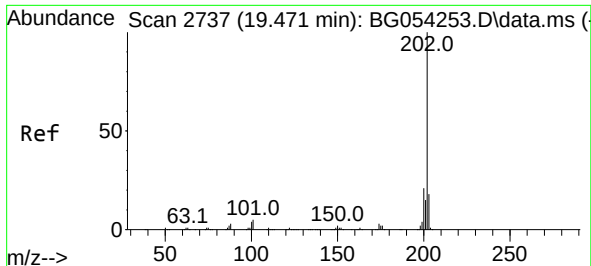


#74
 Di-n-butylphthalate
 Concen: 3.978 ng
 RT: 18.367 min Scan# 2549
 Delta R.T. -0.005 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19



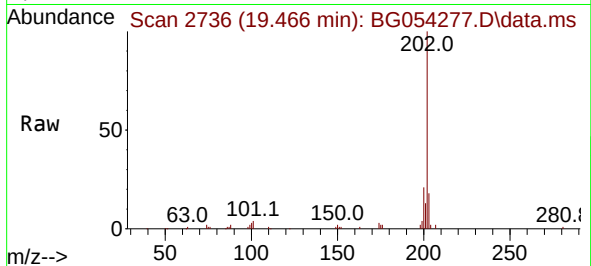
Tgt Ion:149 Resp: 39049
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.0 5.4 8.0





#75
Fluoranthene
Concen: 4.530 ng
RT: 19.466 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

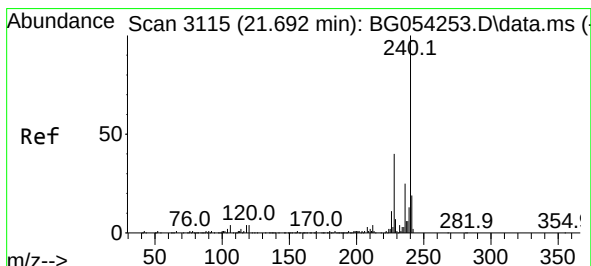
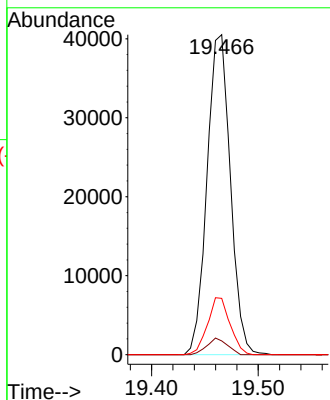
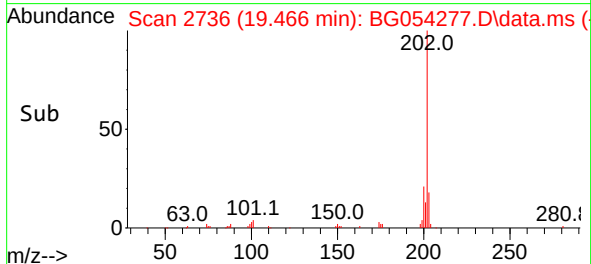
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:202 Resp: 6158
Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 17.6 0.0 37.2

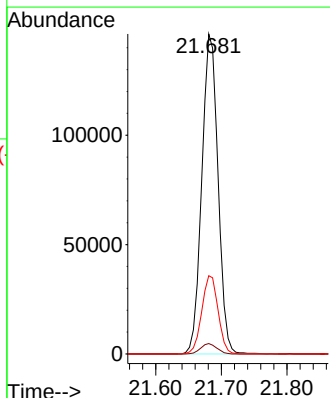
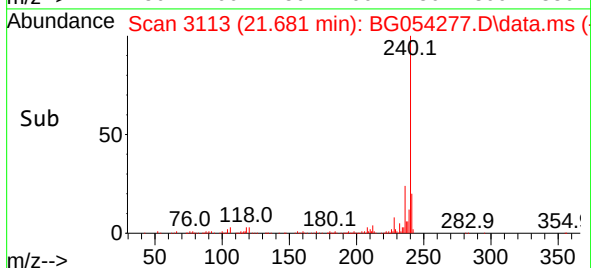
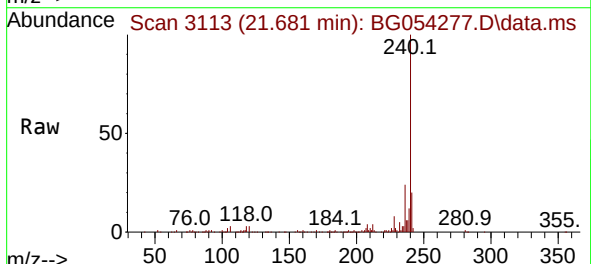
Manual Integrations
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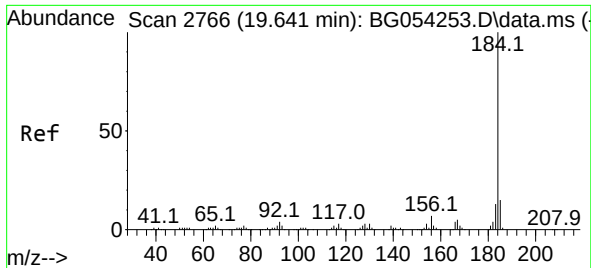
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.681 min Scan# 3113
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

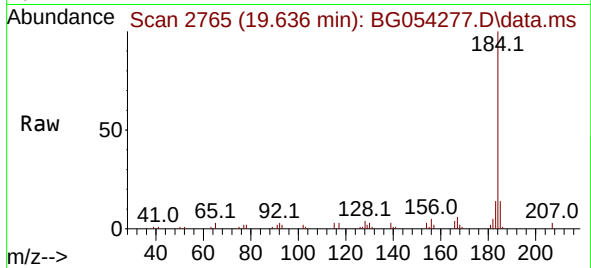
Tgt Ion:240 Resp: 251490
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 24.4 20.2 30.4





#77
Benzidine
Concen: 6.094 ng m
RT: 19.636 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

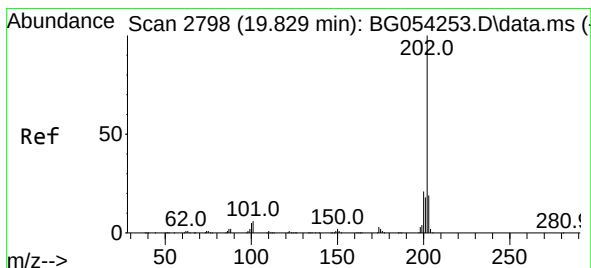
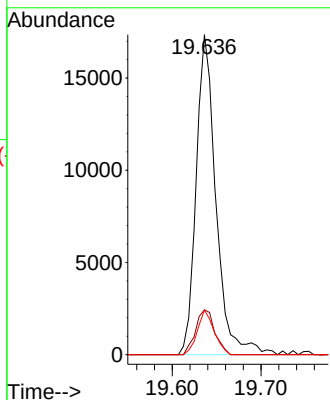
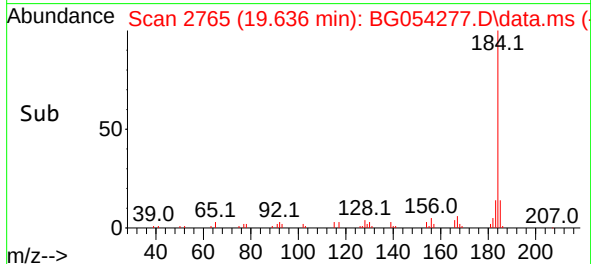
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



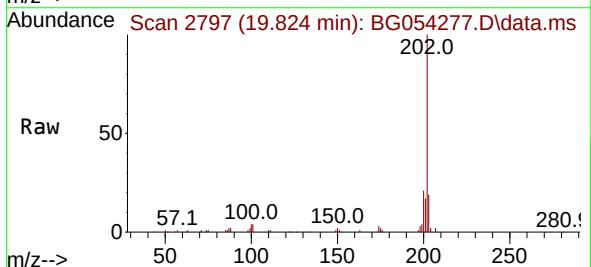
Tgt Ion:184 Resp: 2690
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 13.9 8.9 13.3

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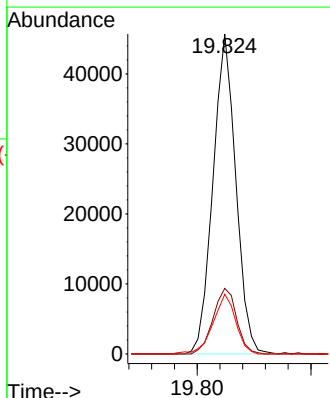
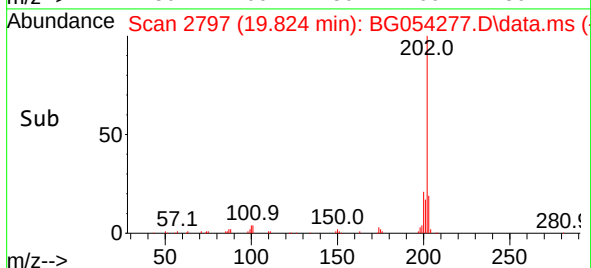
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022

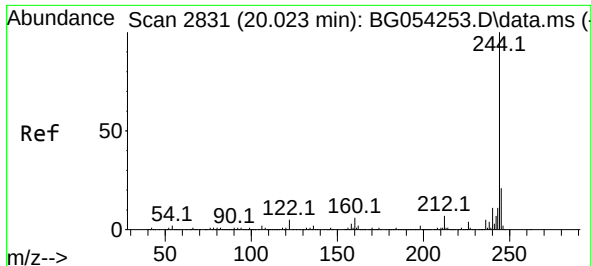


#78
Pyrene
Concen: 4.404 ng
RT: 19.824 min Scan# 2797
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



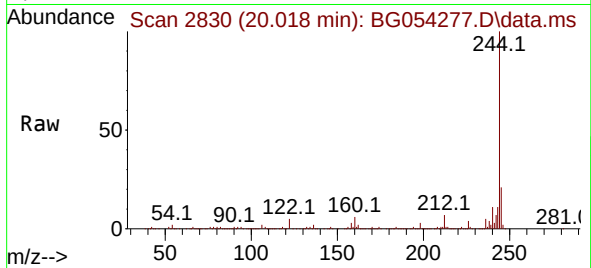
Tgt Ion:202 Resp: 63741
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.6 14.6 21.8





#79
 Terphenyl-d14
 Concen: 68.969 ng
 RT: 20.018 min Scan# 2831
 Delta R.T. -0.005 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19

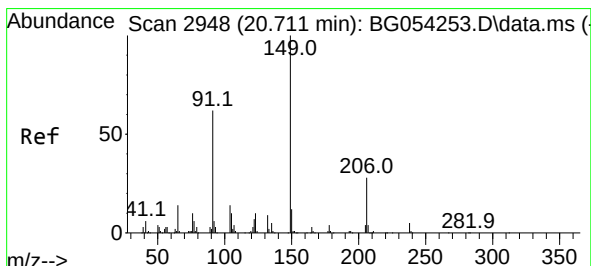
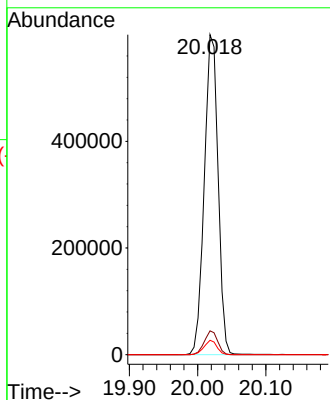
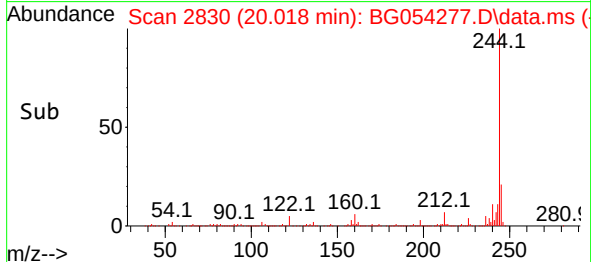
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion:244 Resp: 84347
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.5 5.0 7.4

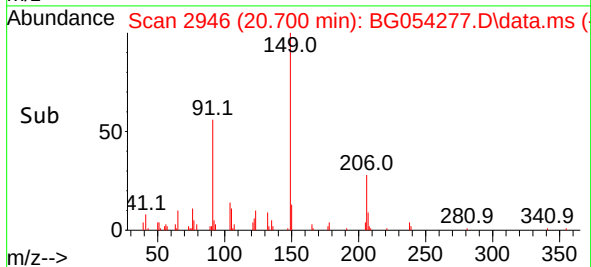
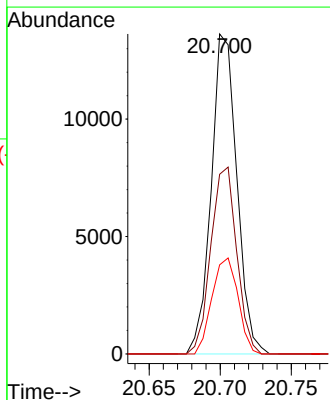
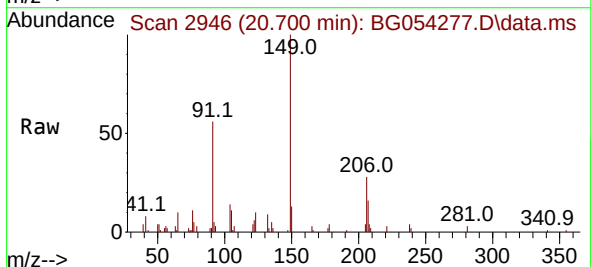
Manual Integrations
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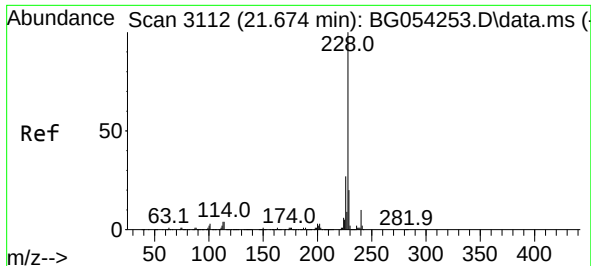
Reviewed By :Christian Giraldo 07/14/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#80
 Butylbenzylphthalate
 Concen: 3.641 ng
 RT: 20.700 min Scan# 2946
 Delta R.T. -0.011 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19

Tgt Ion:149 Resp: 17076
 Ion Ratio Lower Upper
 149 100
 91 56.1 59.6 89.4#
 206 27.9 18.6 28.0





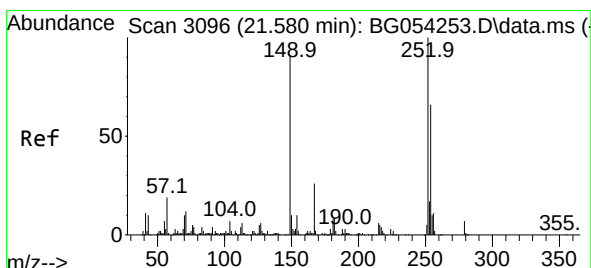
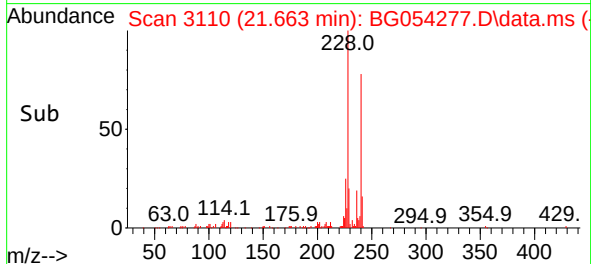
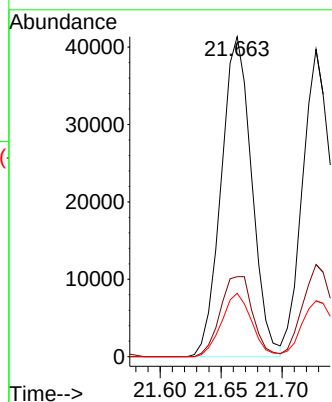
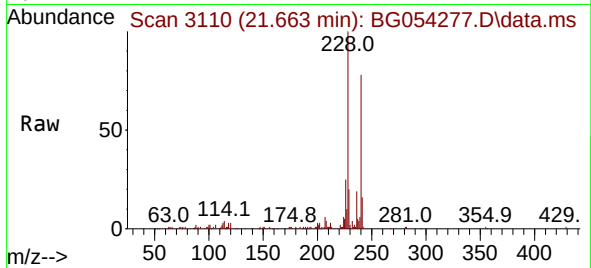
#81
Benzo(a)anthracene
Concen: 4.539 ng
RT: 21.663 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:228 Resp: 7220
Ion Ratio Lower Upper
228 100
226 25.0 21.6 32.4
229 19.8 16.2 24.2

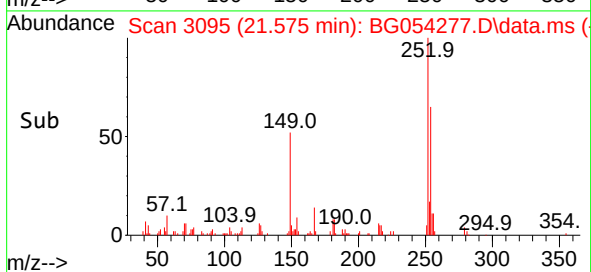
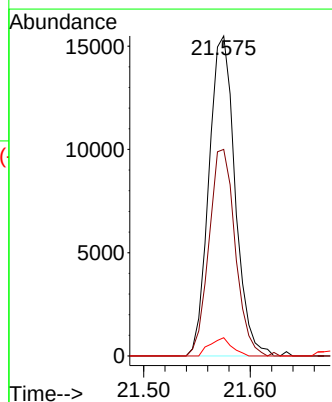
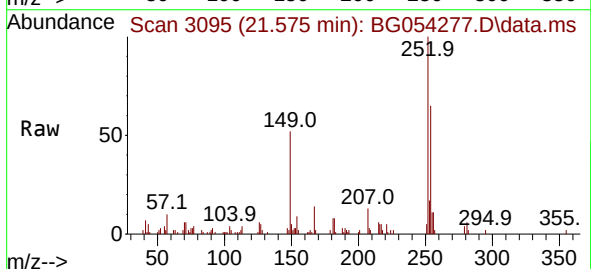
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APPROVED

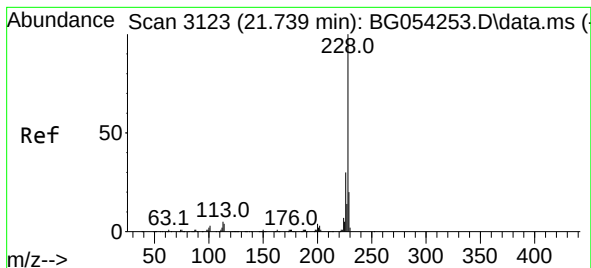
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 5.420 ng
RT: 21.575 min Scan# 3095
Delta R.T. -0.005 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

Tgt Ion:252 Resp: 26354
Ion Ratio Lower Upper
252 100
254 64.5 49.8 74.8
126 5.7 6.0 9.0#





#83

Chrysene

Concen: 4.357 ng

RT: 21.728 min Scan# 3123

Delta R.T. -0.011 min

Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:228 Resp: 6555

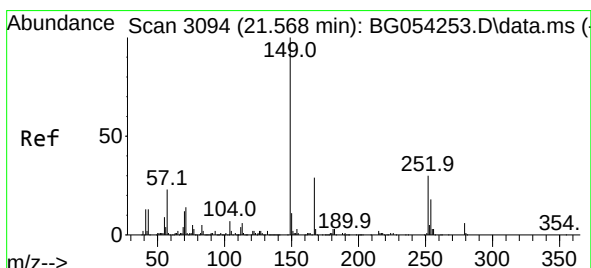
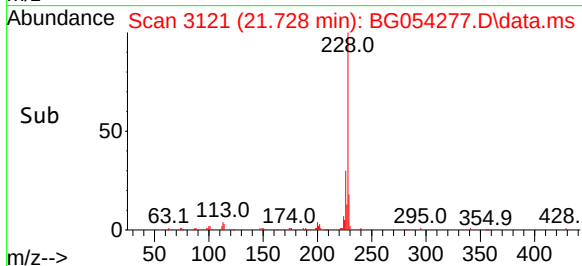
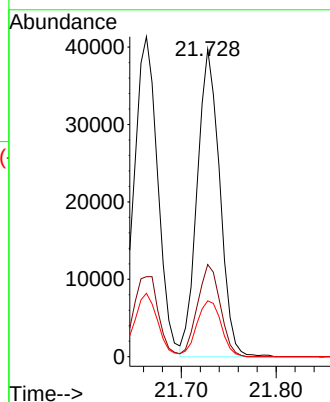
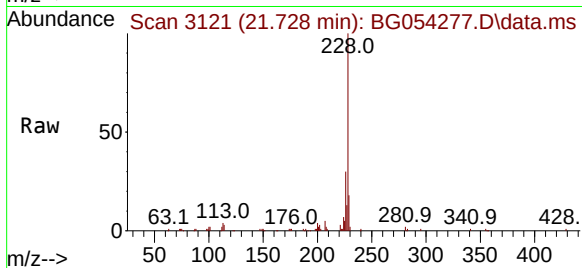
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	18.2	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.865 ng

RT: 21.563 min Scan# 3093

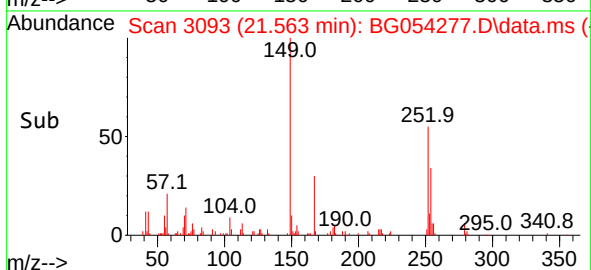
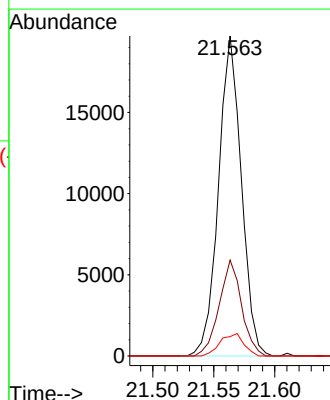
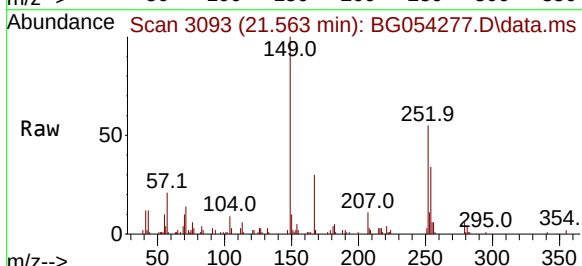
Delta R.T. -0.005 min

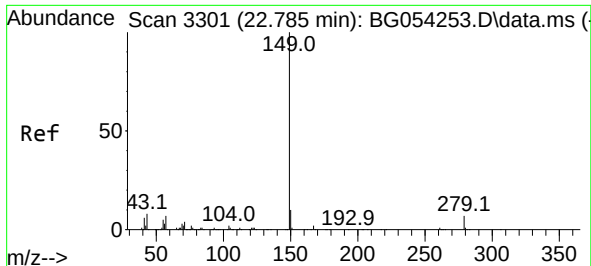
Lab File: BG054277.D

Acq: 13 Jul 2022 20:19

Tgt Ion:149 Resp: 25717

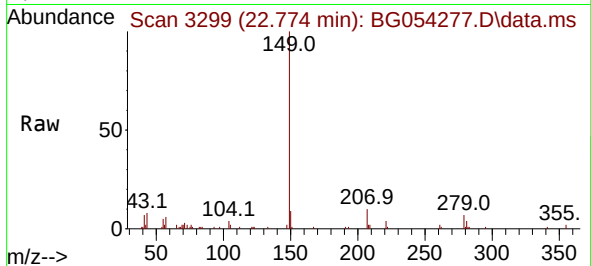
Ion	Ratio	Lower	Upper
149	100		
167	30.0	20.2	30.4
279	6.1	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 3.897 ng
RT: 22.774 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

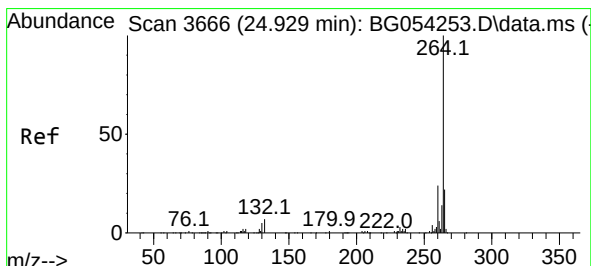
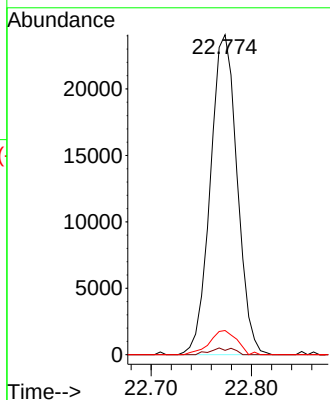
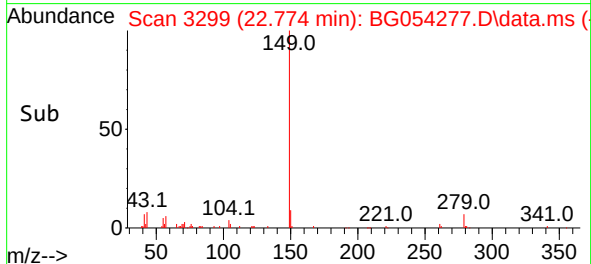
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:149 Resp: 44640
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.7 9.0 13.4

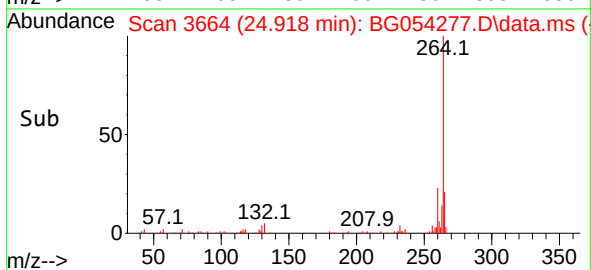
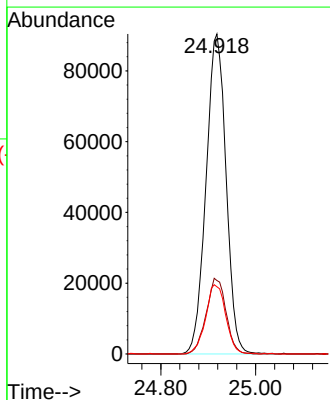
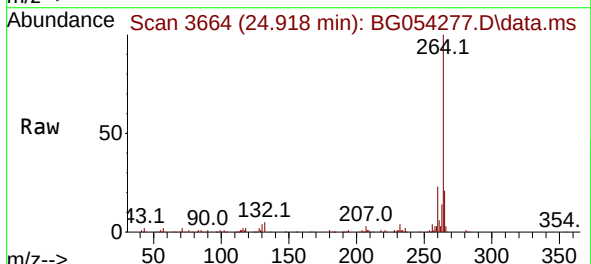
Manual Integrations
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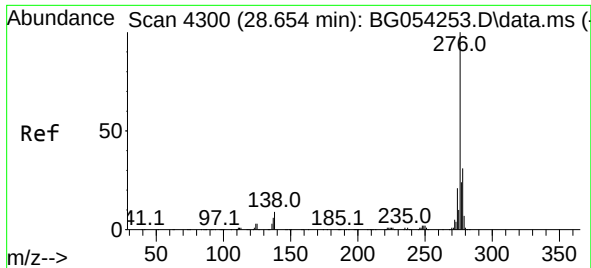
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3664
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

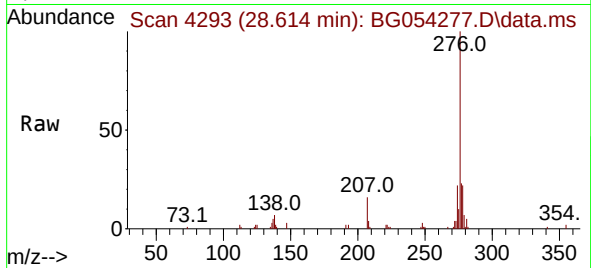
Tgt Ion:264 Resp: 264754
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.0 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.347 ng
 RT: 28.614 min Scan# 41
 Delta R.T. -0.040 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19

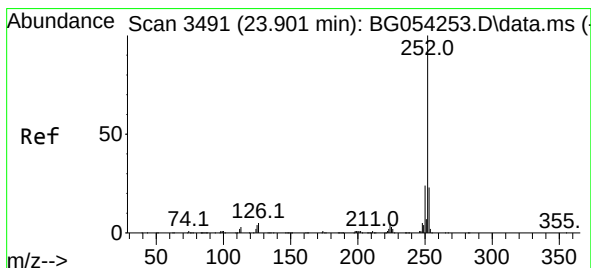
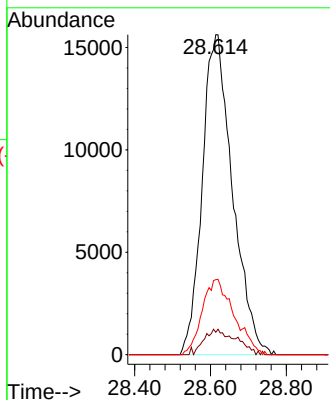
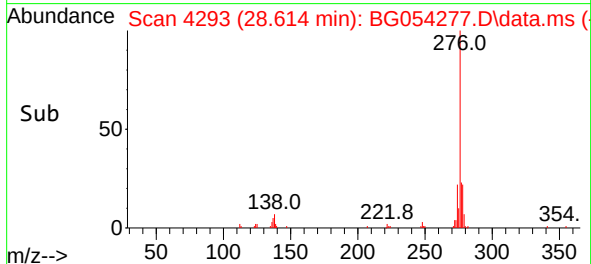
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion:276 Resp: 8657
 Ion Ratio Lower Upper
 276 100
 138 8.3 5.0 7.4
 277 24.8 20.3 30.5

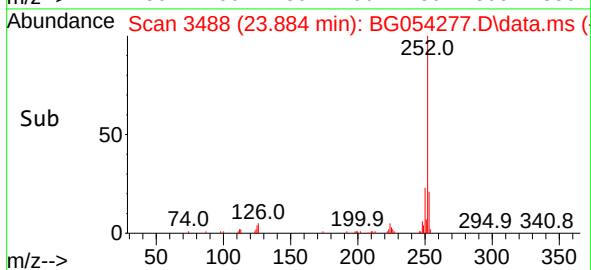
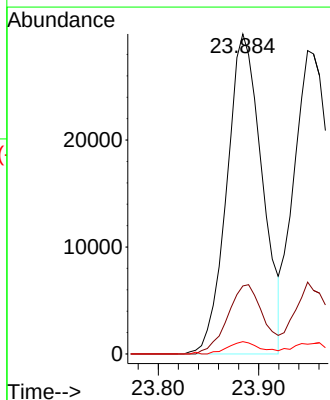
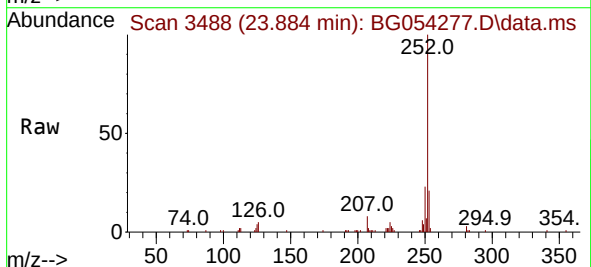
Manual Integrations
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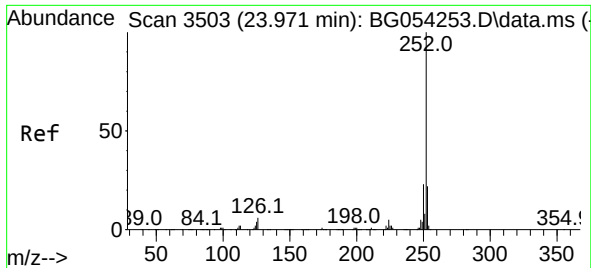
Reviewed By :Christian Giraldo 07/14/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#88
 Benzo(b)fluoranthene
 Concen: 4.659 ng
 RT: 23.884 min Scan# 3488
 Delta R.T. -0.017 min
 Lab File: BG054277.D
 Acq: 13 Jul 2022 20:19

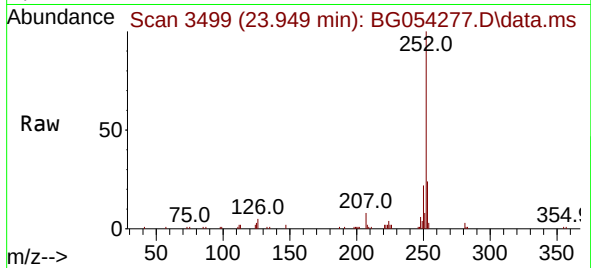
Tgt Ion:252 Resp: 73138
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.0 27.0
 125 3.8 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 4.587 ng
RT: 23.949 min Scan# 3499
Delta R.T. -0.023 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

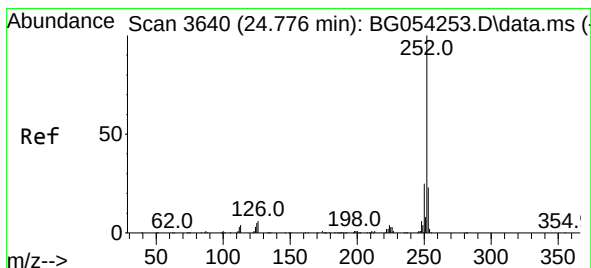
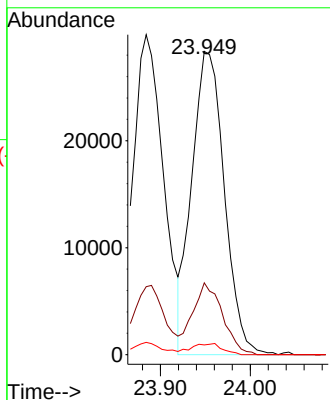
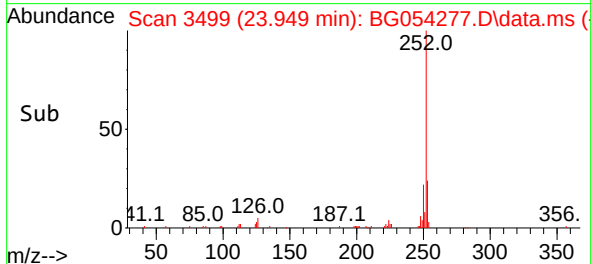
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:252 Resp: 71430
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 3.2 4.8 7.2

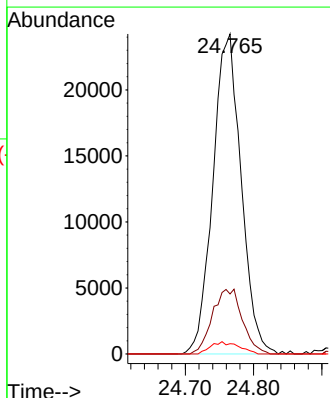
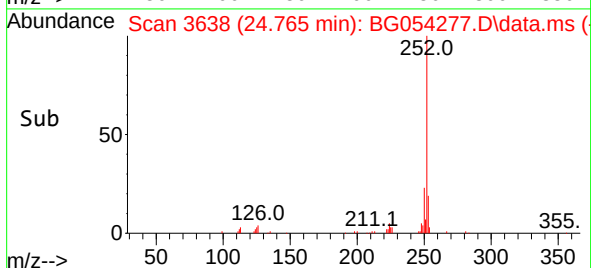
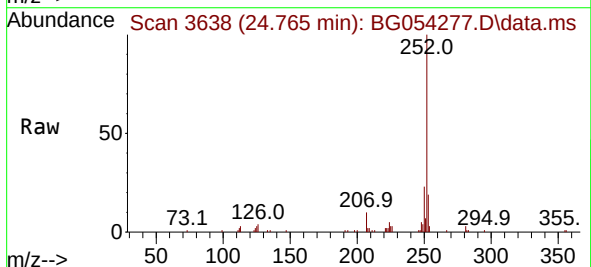
Manual Integrations
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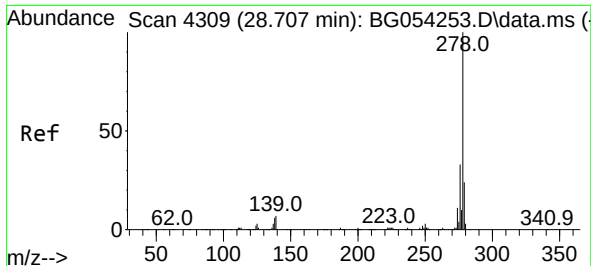
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#90
Benzo(a)pyrene
Concen: 5.189 ng
RT: 24.765 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

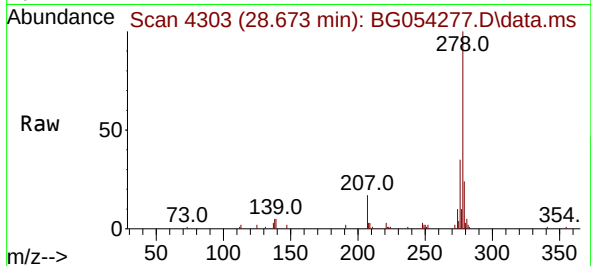
Tgt Ion:252 Resp: 69699
Ion Ratio Lower Upper
252 100
253 18.7 17.8 26.8
125 3.2 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 4.623 ng
RT: 28.673 min Scan# 41
Delta R.T. -0.035 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19

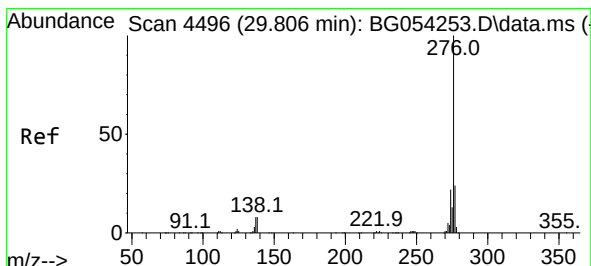
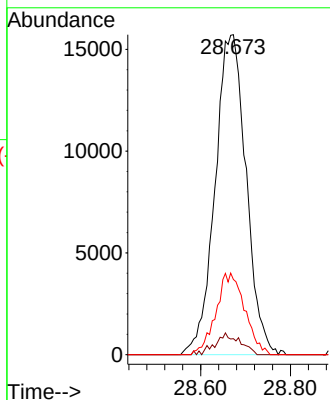
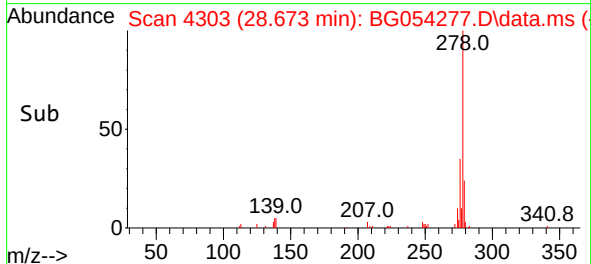
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



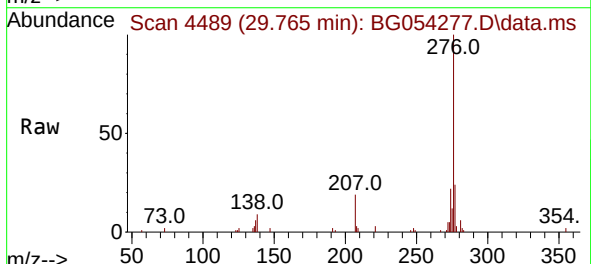
Tgt Ion:278 Resp: 75436
Ion Ratio Lower Upper
278 100
139 5.0 7.2 10.8
279 23.5 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 4.536 ng
RT: 29.765 min Scan# 4489
Delta R.T. -0.040 min
Lab File: BG054277.D
Acq: 13 Jul 2022 20:19



Tgt Ion:276 Resp: 73824
Ion Ratio Lower Upper
276 100
277 24.3 17.3 25.9
138 8.7 9.6 14.4#

