

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057803.D
 Acq On : 22 Jun 2023 10:00
 Operator : CG/JU
 Sample : PB153645BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153645BS

Quant Time: Jun 22 12:04:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	36489	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	168832	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	123086	20.000	ng	0.00
64) Phenanthrene-d10	17.302	188	304503	20.000	ng	0.00
76) Chrysene-d12	21.562	240	258712	20.000	ng	0.00
86) Perylene-d12	24.711	264	319433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	329037	139.040	ng	0.00
7) Phenol-d6	7.085	99	466778	129.269	ng	0.00
23) Nitrobenzene-d5	9.082	82	261513	79.498	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	215372	125.612	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	611999	75.414	ng	0.00
79) Terphenyl-d14	19.923	244	1154389	83.203	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.395	88	39746	36.897	ng	95
3) Pyridine	3.789	79	98377	29.985	ng	96
4) n-Nitrosodimethylamine	3.700	42	54622	36.435	ng	90
6) Aniline	7.249	93	131678	28.480	ng	95
8) 2-Chlorophenol	7.484	128	122453	50.298	ng	97
9) Benzaldehyde	7.055	77	23539m	10.367	ng	
10) Phenol	7.114	94	175173	49.271	ng	95
11) bis(2-Chloroethyl)ether	7.343	93	114162	41.764	ng	94
12) 1,3-Dichlorobenzene	7.813	146	107064	43.213	ng	96
13) 1,4-Dichlorobenzene	7.960	146	110279	43.928	ng	96
14) 1,2-Dichlorobenzene	8.277	146	109709	45.164	ng	98
15) Benzyl Alcohol	8.160	79	120461	43.629	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.454	45	194942	37.125	ng	97
17) 2-Methylphenol	8.360	107	117904	45.089	ng	98
18) Hexachloroethane	9.006	117	40052	45.246	ng	96
19) n-Nitroso-di-n-propyla...	8.730	70	97906	38.891	ng	93
20) 3+4-Methylphenols	8.689	107	164158	45.448	ng	98
22) Acetophenone	8.742	105	195393	41.271	ng	98
24) Nitrobenzene	9.129	77	139936	40.873	ng	95
25) Isophorone	9.646	82	289311	38.495	ng	97
26) 2-Nitrophenol	9.840	139	62416	57.304	ng	94
27) 2,4-Dimethylphenol	9.893	122	126558	46.931	ng	100
28) bis(2-Chloroethoxy)met...	10.134	93	167383	41.356	ng	99
29) 2,4-Dichlorophenol	10.369	162	120657	47.116	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	120478	42.207	ng	97
31) Naphthalene	10.775	128	365575	40.684	ng	99
32) Benzoic acid	10.034	122	101691	51.218	ng	95
33) 4-Chloroaniline	10.880	127	68552	16.465	ng	96
34) Hexachlorobutadiene	11.062	225	71043	40.795	ng	98
35) Caprolactam	11.656	113	47650m	45.855	ng	
36) 4-Chloro-3-methylphenol	12.008	107	151426	45.277	ng	98
37) 2-Methylnaphthalene	12.384	142	258828	39.518	ng	98
38) 1-Methylnaphthalene	12.602	142	246785	39.915	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	139901	40.999	ng	99
41) Hexachlorocyclopentadiene	12.731	237	185676	102.494	ng	98
43) 2,4,6-Trichlorophenol	12.990	196	112788	46.162	ng	100

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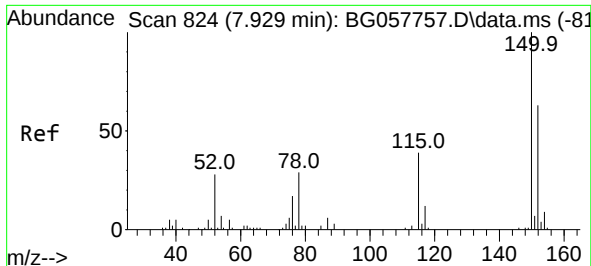
Manual Integrations
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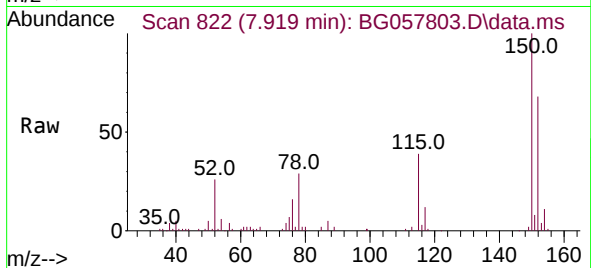
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	123986	43.534	ng	98
46) 1,1'-Biphenyl	13.395	154	349025	41.298	ng	97
47) 2-Chloronaphthalene	13.436	162	272462	41.964	ng	99
48) 2-Nitroaniline	13.636	65	108791	47.150	ng	97
49) Acenaphthylene	14.282	152	452141	40.571	ng	98
50) Dimethylphthalate	14.018	163	388274	41.071	ng	99
51) 2,6-Dinitrotoluene	14.135	165	84399	48.481	ng	91
52) Acenaphthene	14.623	154	324487m	47.032	ng	
53) 3-Nitroaniline	14.458	138	54244	27.649	ng	91
54) 2,4-Dinitrophenol	14.670	184	102298	108.366	ng	99
55) Dibenzofuran	14.958	168	448895	40.465	ng	99
56) 4-Nitrophenol	14.770	139	162123	103.982	ng	95
57) 2,4-Dinitrotoluene	14.923	165	121021	51.263	ng	93
58) Fluorene	15.610	166	359946	40.990	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	113147	46.617	ng	99
60) Diethylphthalate	15.381	149	404450	41.701	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	191982	41.116	ng	98
62) 4-Nitroaniline	15.628	138	90766	45.381	ng	97
63) Azobenzene	15.892	77	389427	39.253	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	72301	51.278	ng	94
66) n-Nitrosodiphenylamine	15.816	169	326152	40.583	ng	97
67) 4-Bromophenyl-phenylether	16.491	248	130348	40.363	ng	98
68) Hexachlorobenzene	16.609	284	143544	43.602	ng	97
69) Atrazine	16.762	200	125203	45.383	ng	95
70) Pentachlorophenol	16.950	266	203416	83.637	ng	98
71) Phenanthrene	17.349	178	604836	41.024	ng	99
72) Anthracene	17.437	178	617707	41.030	ng	99
73) Carbazole	17.708	167	597055	43.012	ng	99
74) Di-n-butylphthalate	18.266	149	712447	43.346	ng	99
75) Fluoranthene	19.359	202	738402	42.041	ng	99
77) Benzidine	19.535	184	178321	29.404	ng	99
78) Pyrene	19.717	202	758869	41.119	ng	99
80) Butylbenzylphthalate	20.610	149	320948	45.716	ng	95
81) Benzo(a)anthracene	21.538	228	765246	43.112	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	238127	39.444	ng	99
83) Chrysene	21.603	228	711200	41.750	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	450101	44.158	ng	100
85) Di-n-octyl phthalate	22.643	149	823899	46.084	ng	96
87) Indeno(1,2,3-cd)pyrene	28.295	276	933046	44.675	ng	# 93
88) Benzo(b)fluoranthene	23.712	252	801551	45.791	ng	99
89) Benzo(k)fluoranthene	23.777	252	790514	44.341	ng	100
90) Benzo(a)pyrene	24.564	252	714443	41.559	ng	99
91) Dibenzo(a,h)anthracene	28.366	278	781006	45.070	ng	97
92) Benzo(g,h,i)perylene	29.429	276	762143	43.925	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

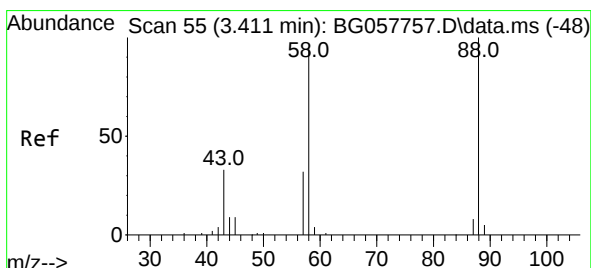
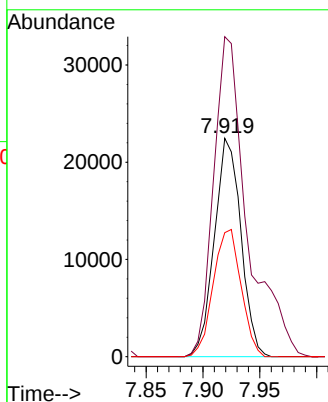
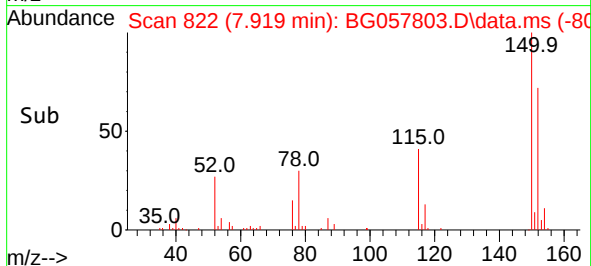
Instrument :
BNA_G
ClientSampleId :
PB153645BS



Tgt Ion:152 Resp: 36489
Ion Ratio Lower Upper
152 100
150 146.5 126.6 189.8
115 56.8 48.9 73.3

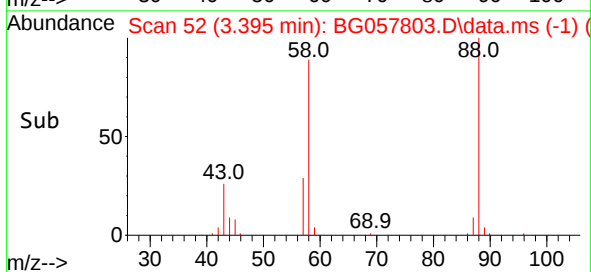
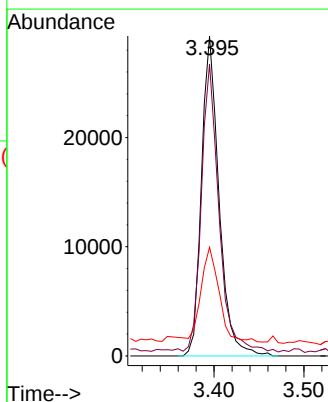
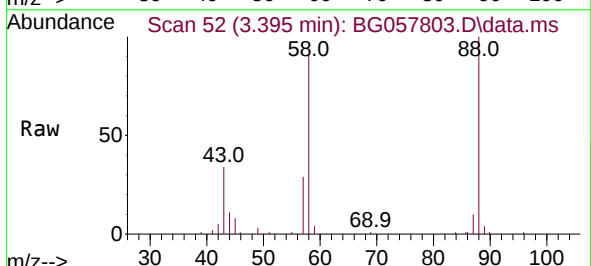
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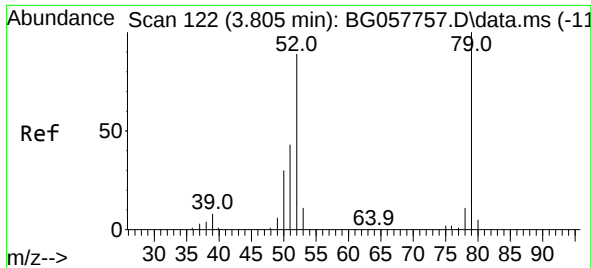
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 36.897 ng
RT: 3.395 min Scan# 52
Delta R.T. -0.016 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion: 88 Resp: 39746
Ion Ratio Lower Upper
88 100
58 90.3 76.2 114.4
43 30.4 26.3 39.5





#3
Pyridine
Concen: 29.985 ng
RT: 3.789 min Scan# 111
Delta R.T. -0.016 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

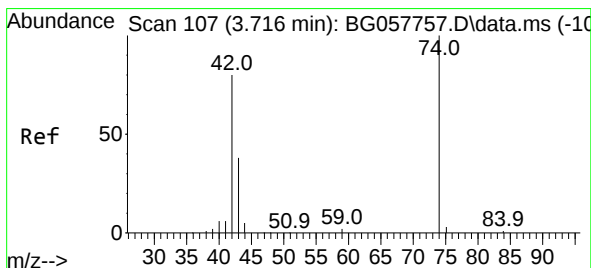
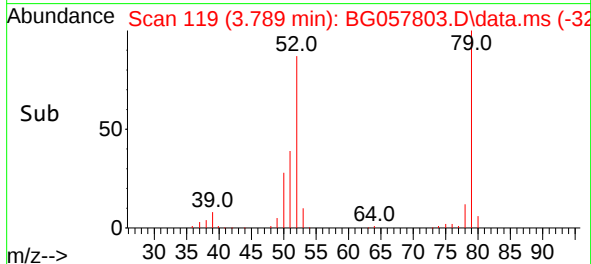
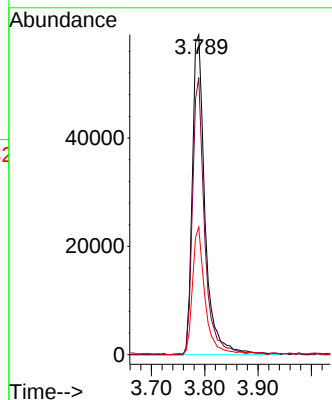
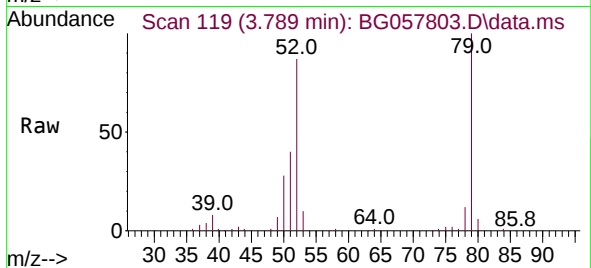
ClientSampleId :

PB153645BS

Tgt Ion: 79 Resp: 9837
Ion Ratio Lower Upper
79 100
52 86.6 71.4 107.0
51 39.9 34.9 52.3

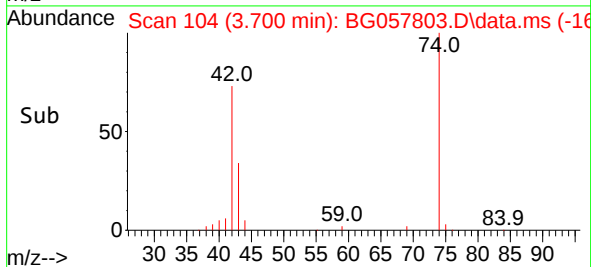
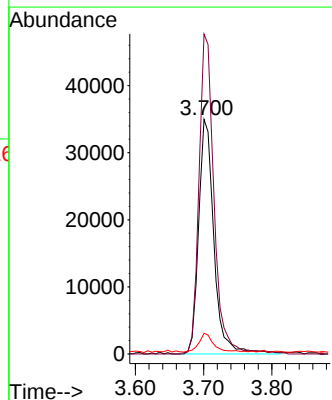
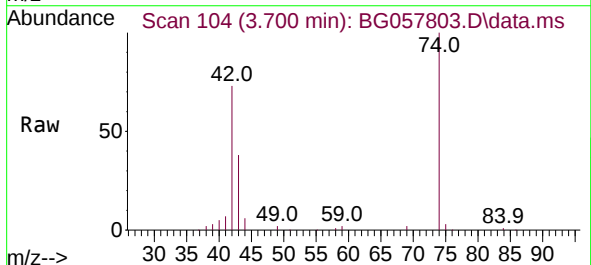
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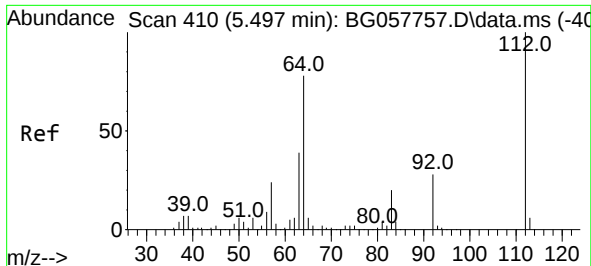
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#4
n-Nitrosodimethylamine
Concen: 36.435 ng
RT: 3.700 min Scan# 104
Delta R.T. -0.016 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion: 42 Resp: 54622
Ion Ratio Lower Upper
42 100
74 136.5 99.9 149.9
44 8.8 6.0 9.0





#5
2-Fluorophenol
Concen: 139.040 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

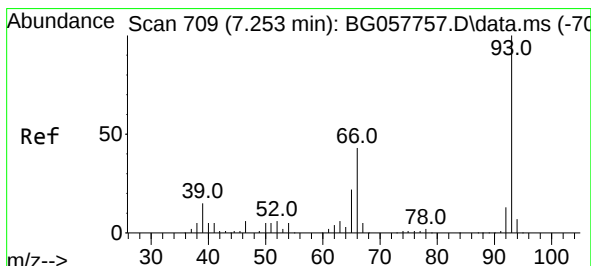
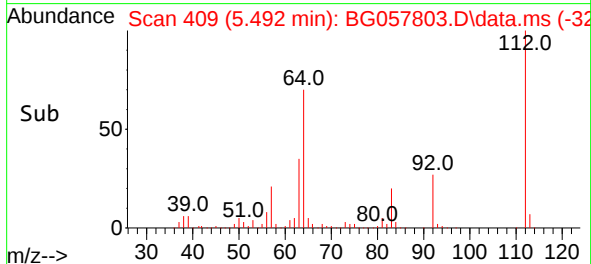
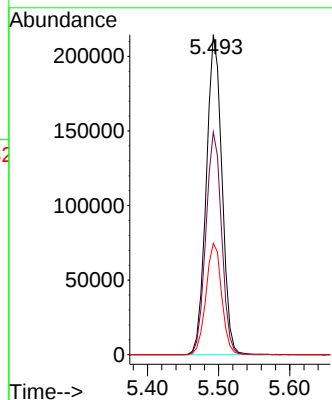
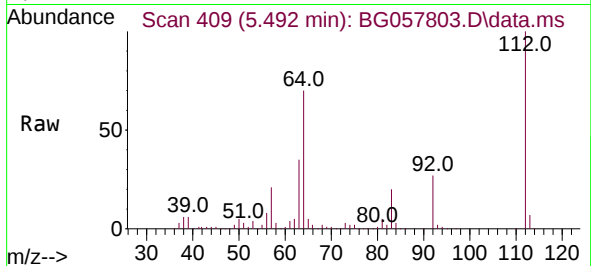
ClientSampleId :

PB153645BS

Tgt Ion:112 Resp: 32903
Ion Ratio Lower Upper
112 100
64 69.6 62.1 93.1
63 34.8 31.5 47.3

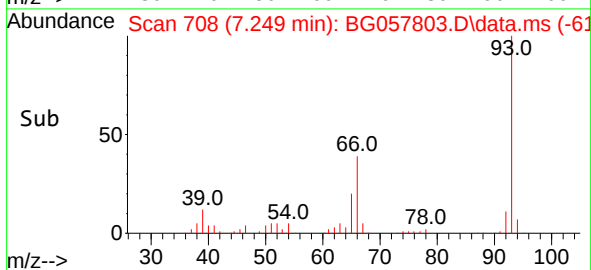
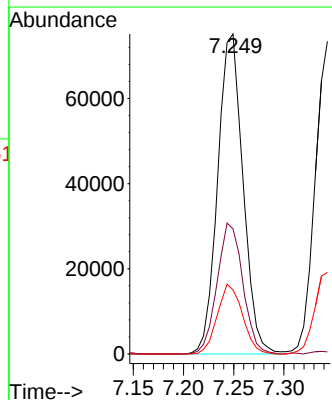
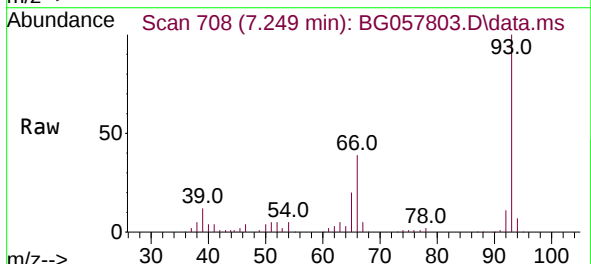
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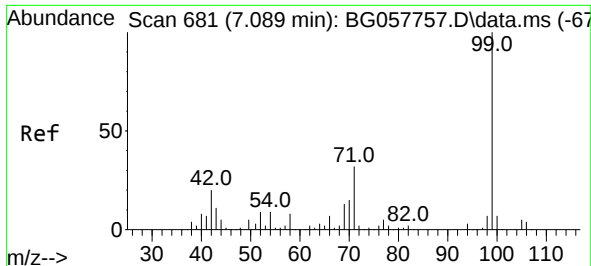
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 28.480 ng
RT: 7.249 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

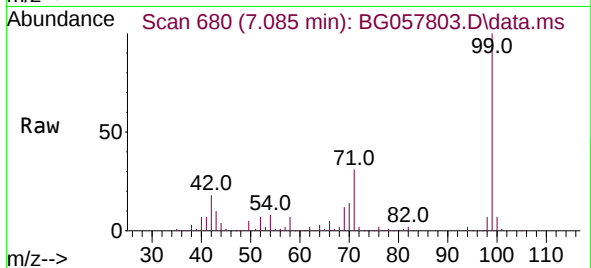
Tgt Ion: 93 Resp: 131678
Ion Ratio Lower Upper
93 100
66 39.1 34.5 51.7
65 20.0 17.4 26.2





#7
Phenol-d6
Concen: 129.269 ng
RT: 7.085 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

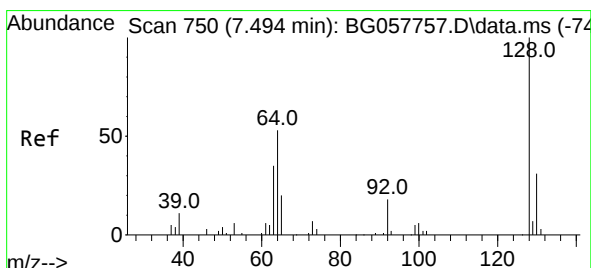
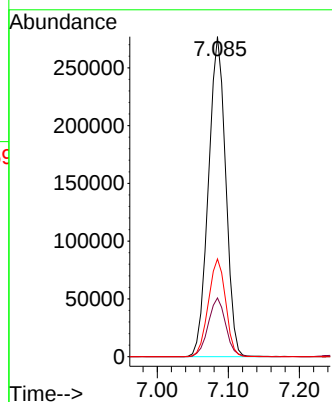
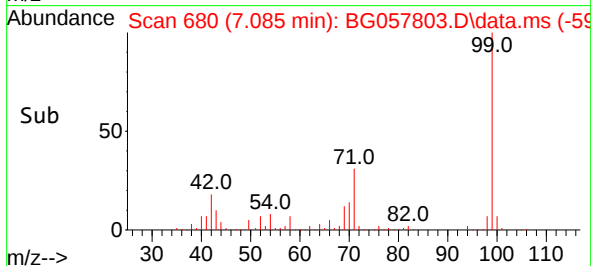
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 466778
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 30.6 25.8 38.6

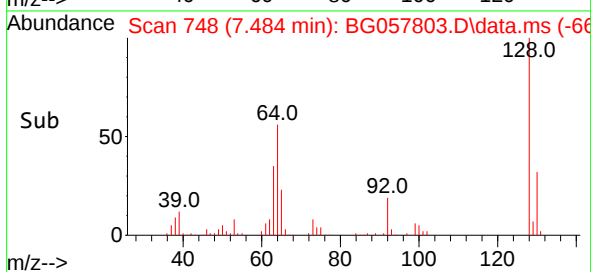
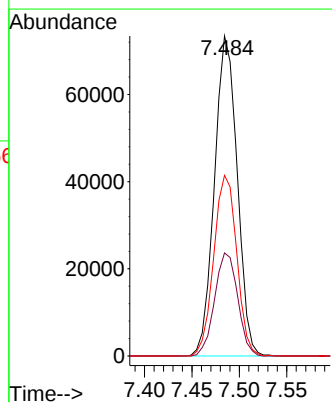
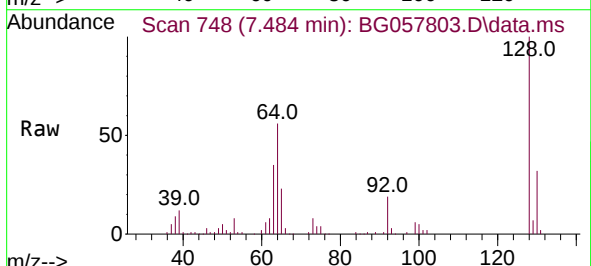
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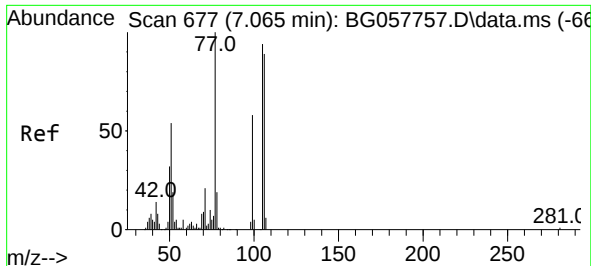
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 50.298 ng
RT: 7.484 min Scan# 748
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:128 Resp: 122453
Ion Ratio Lower Upper
128 100
130 32.2 10.6 50.6
64 56.5 39.1 79.1





#9
Benzaldehyde
Concen: 10.367 ng m
RT: 7.055 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

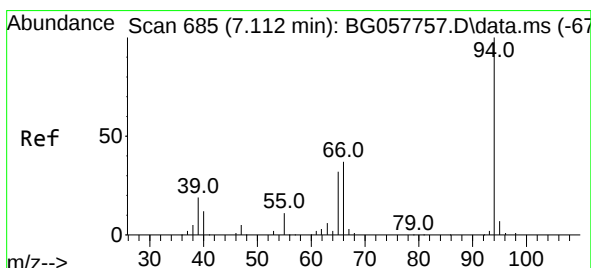
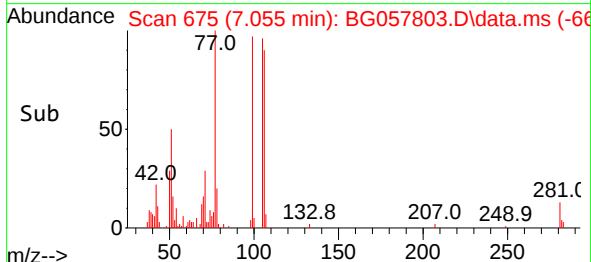
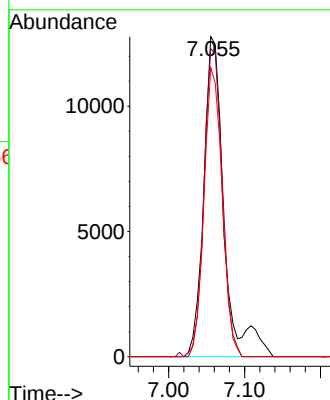
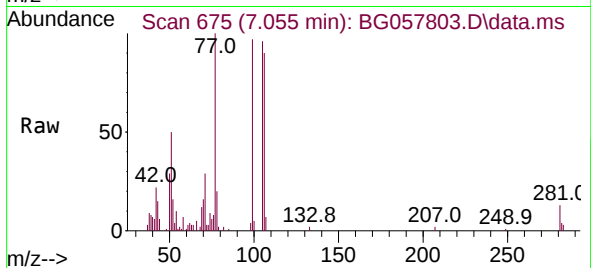
PB153645BS

Tgt Ion: 77 Resp: 23539
Ion Ratio Lower Upper
77 100
105 96.2 73.7 113.7
106 90.3 69.0 109.0

Manual Integrations

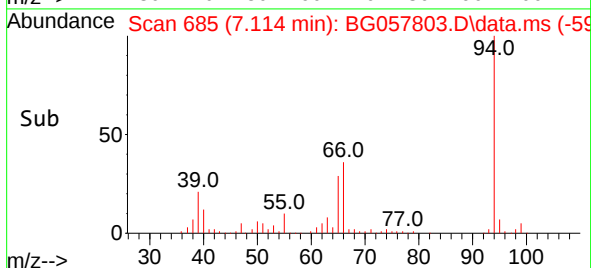
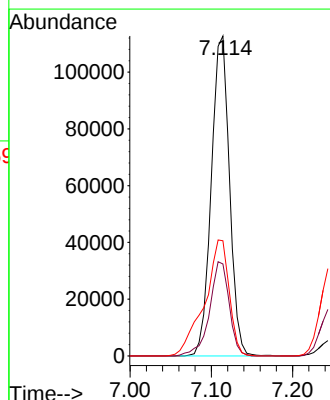
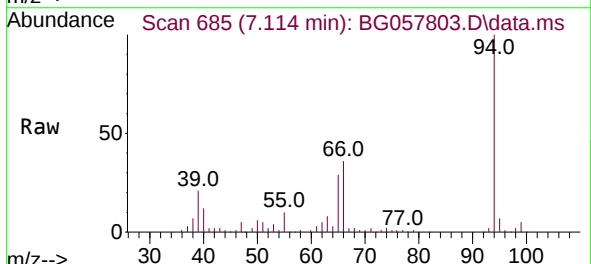
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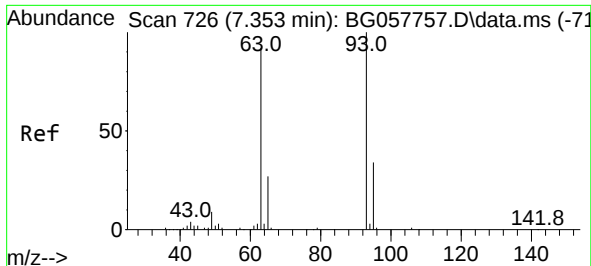
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 49.271 ng
RT: 7.114 min Scan# 685
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion: 94 Resp: 175173
Ion Ratio Lower Upper
94 100
65 28.7 12.2 52.2
66 36.0 18.3 58.3





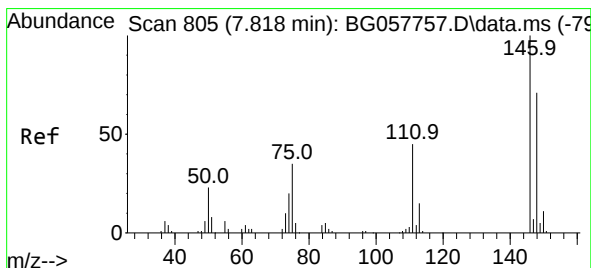
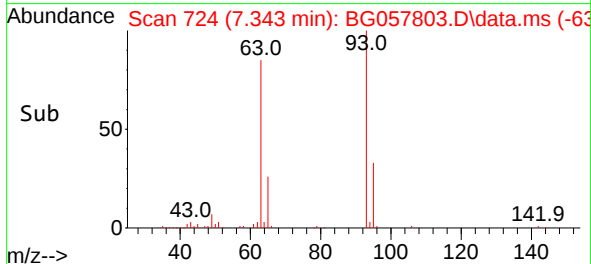
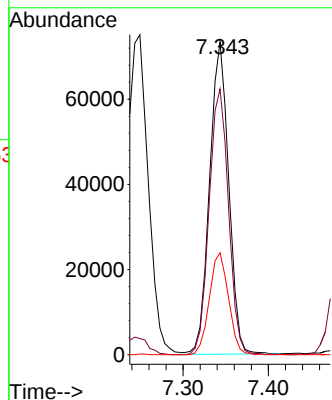
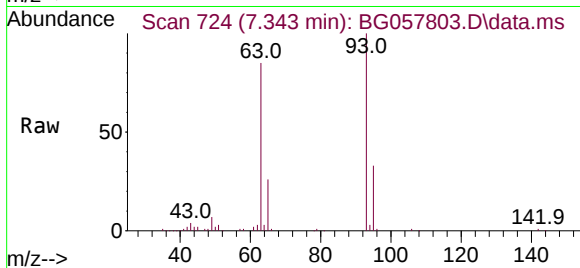
#11
bis(2-Chloroethyl)ether
Concen: 41.764 ng
RT: 7.343 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :
BNA_G
ClientSampleId :
PB153645BS

Tgt Ion: 93 Resp: 114162
Ion Ratio Lower Upper
93 100
63 85.0 71.2 111.2
95 32.6 14.2 54.2

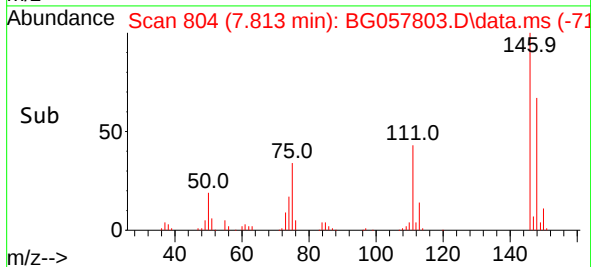
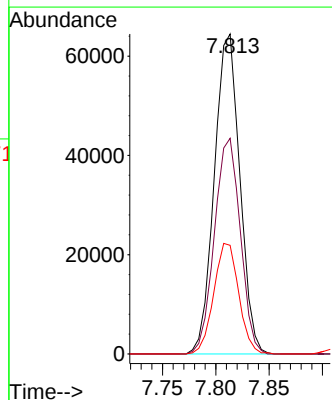
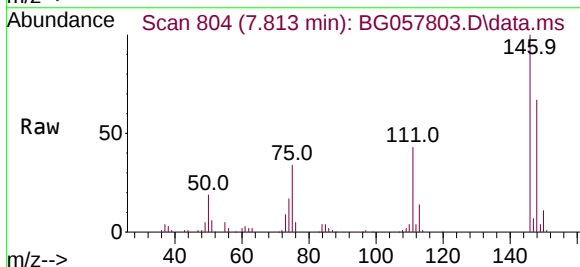
Manual Integrations
APPROVED

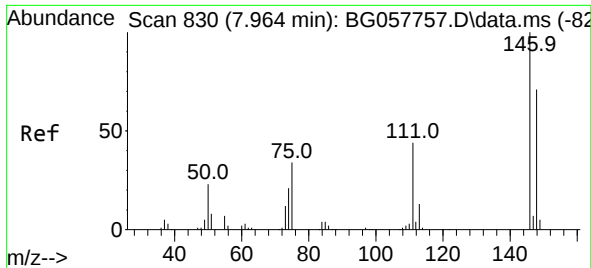
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 43.213 ng
RT: 7.813 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:146 Resp: 107064
Ion Ratio Lower Upper
146 100
148 67.4 57.0 85.6
75 34.0 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 43.928 ng
RT: 7.960 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

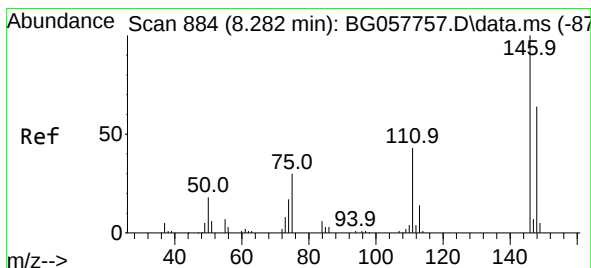
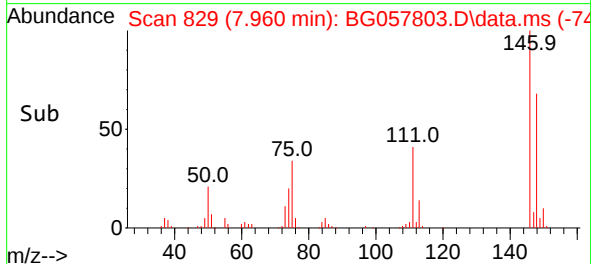
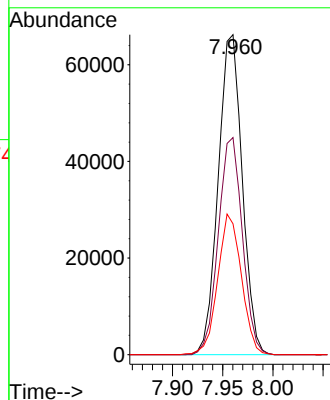
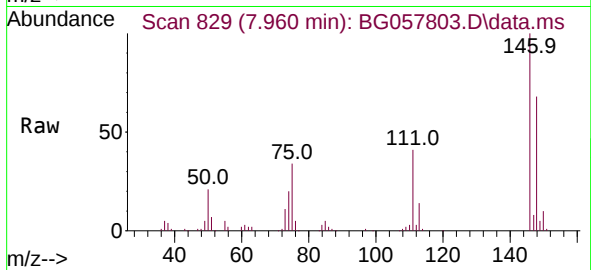
ClientSampleId :

PB153645BS

Tgt Ion:146 Resp: 110279
Ion Ratio Lower Upper
146 100
148 67.9 57.0 85.4
111 40.9 35.1 52.7

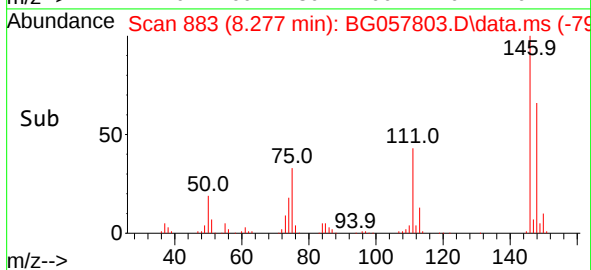
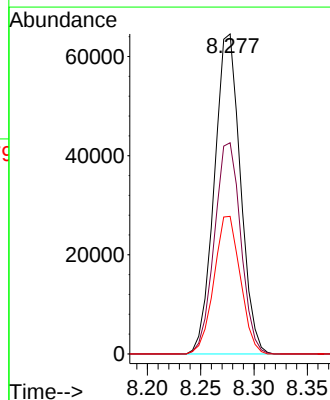
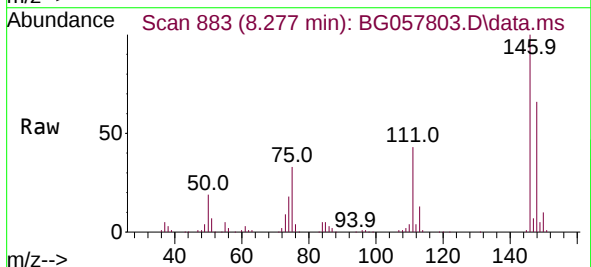
Manual Integrations
APPROVED

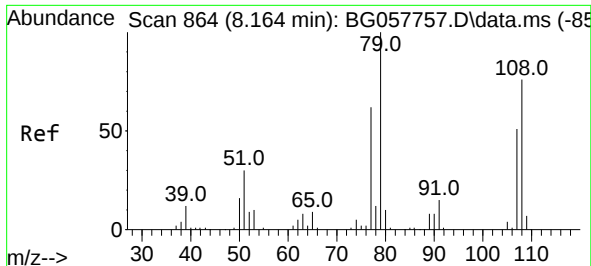
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#14
1,2-Dichlorobenzene
Concen: 45.164 ng
RT: 8.277 min Scan# 883
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:146 Resp: 109709
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.6
111 43.0 34.9 52.3





#15
Benzyl Alcohol
Concen: 43.629 ng
RT: 8.160 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

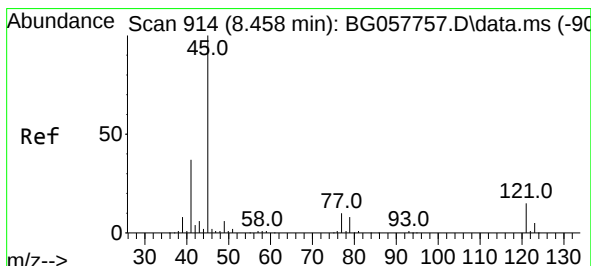
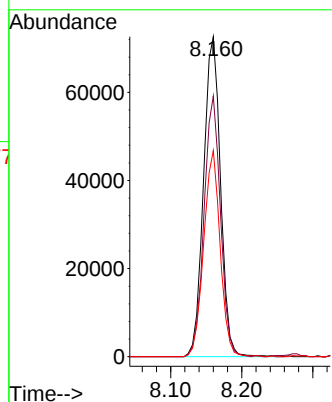
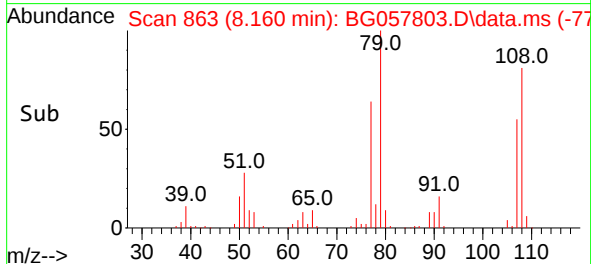
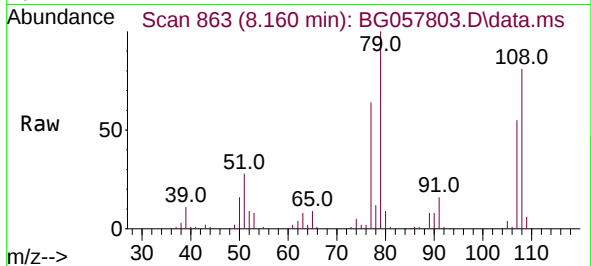
ClientSampleId :

PB153645BS

Tgt Ion: 79 Resp: 12046
Ion Ratio Lower Upper
79 100
108 81.5 60.5 90.7
77 64.4 49.3 73.9

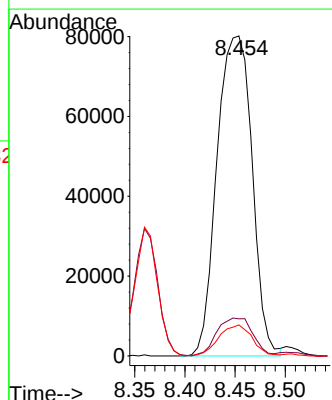
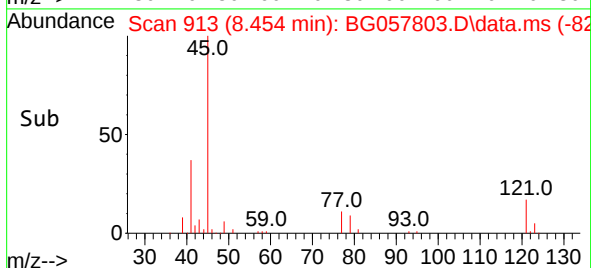
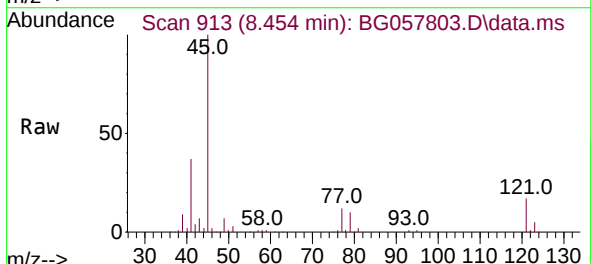
Manual Integrations
APPROVED

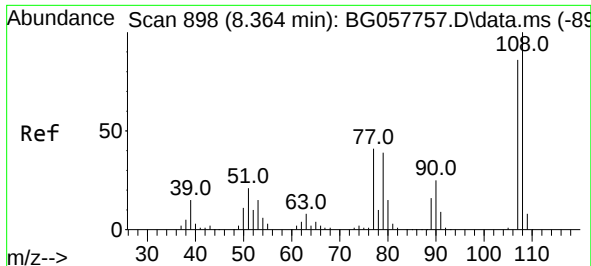
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.125 ng
RT: 8.454 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion: 45 Resp: 194942
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.7 0.0 28.3





#17
2-Methylphenol
Concen: 45.089 ng
RT: 8.360 min Scan# 898
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

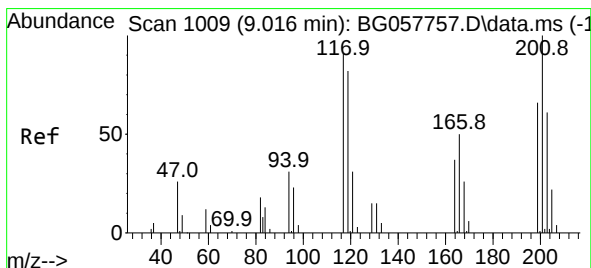
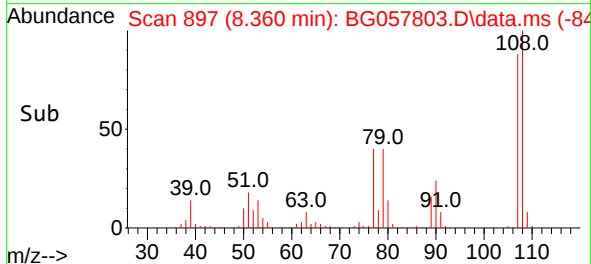
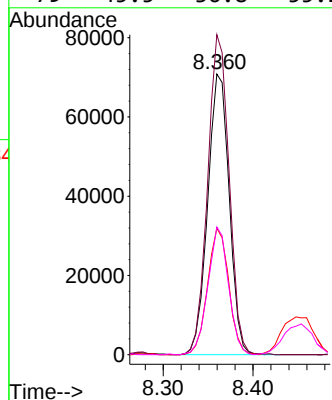
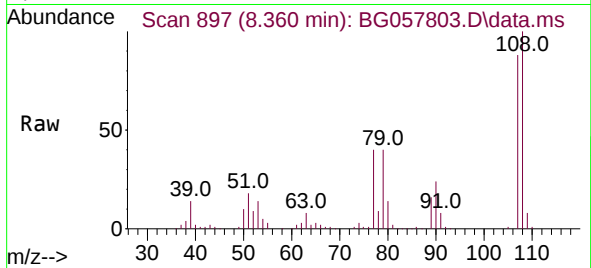
ClientSampleId :

PB153645BS

Tgt Ion:107 Resp: 117904
Ion Ratio Lower Upper
107 100
108 114.0 93.2 139.8
77 45.1 37.8 56.8
79 45.5 36.8 55.2

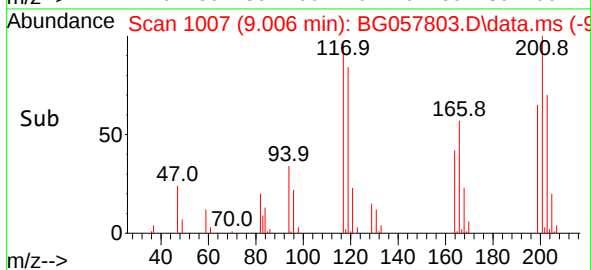
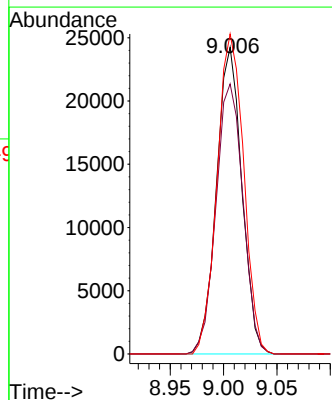
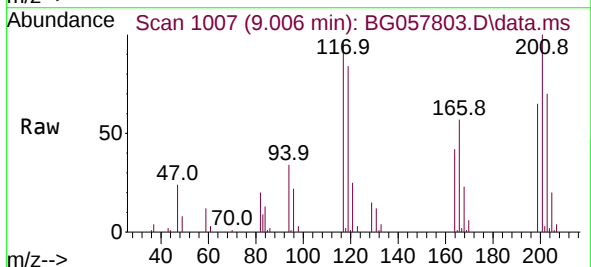
Manual Integrations
APPROVED

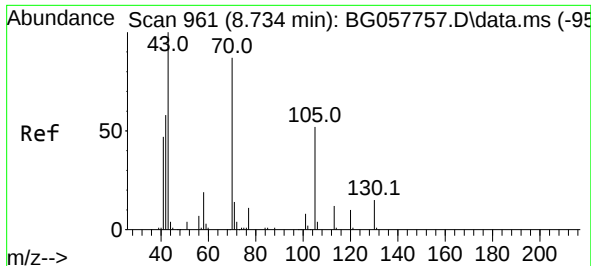
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 45.246 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:117 Resp: 40052
Ion Ratio Lower Upper
117 100
119 88.0 72.3 108.5
201 104.3 87.8 131.8





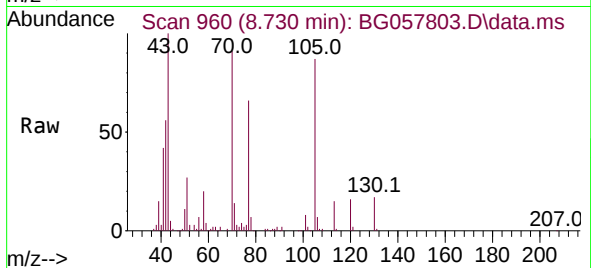
#19
n-Nitroso-di-n-propylamine
Concen: 38.891 ng
RT: 8.730 min Scan# 961
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

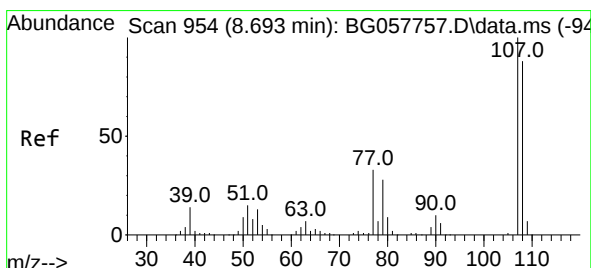
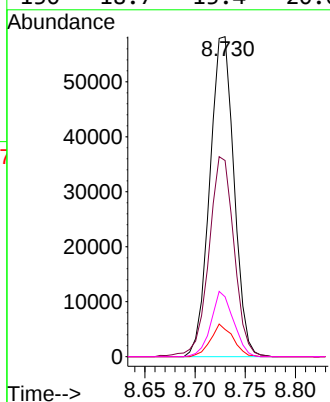
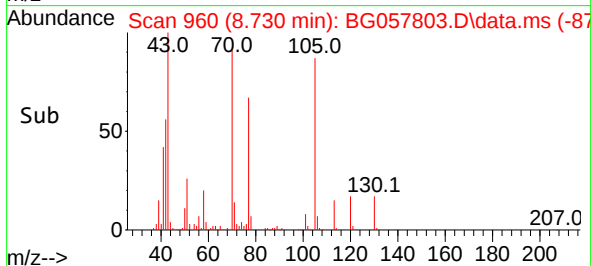


Tgt Ion: 70 Resp: 97900
Ion Ratio Lower Upper
70 100
42 61.3 54.2 81.2
101 8.5 7.4 11.0
130 18.7 13.4 20.0

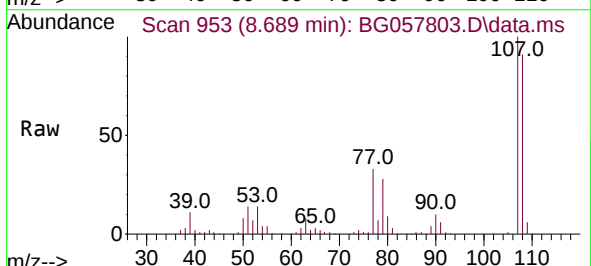
Manual Integrations

APPROVED

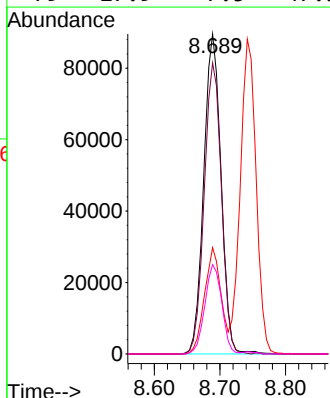
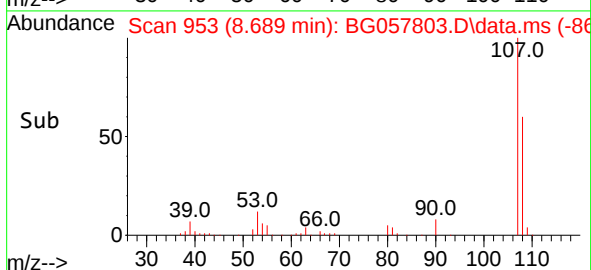
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

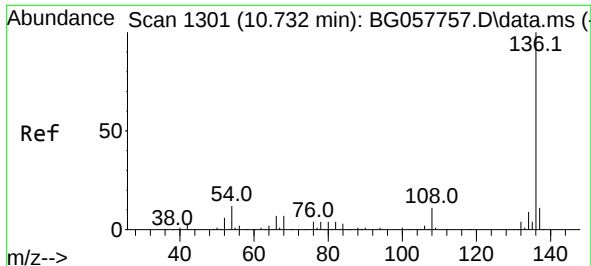


#20
3+4-Methylphenols
Concen: 45.448 ng
RT: 8.689 min Scan# 953
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:107 Resp: 164158
Ion Ratio Lower Upper
107 100
108 91.0 67.7 107.7
77 33.2 13.3 53.3
79 27.9 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

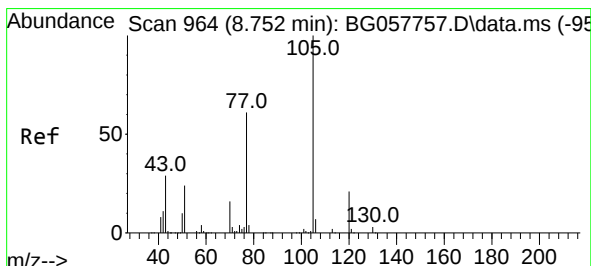
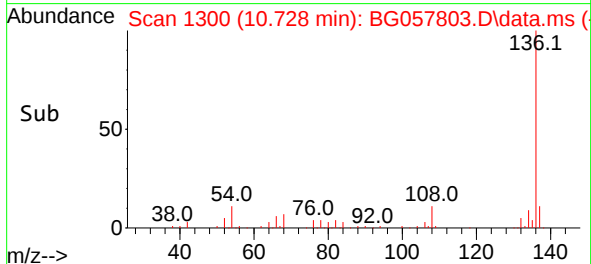
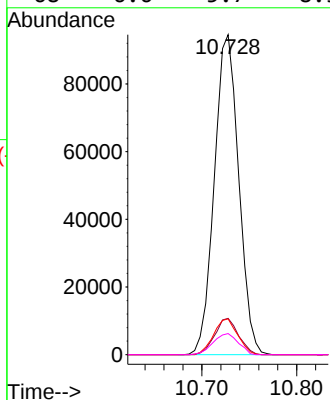
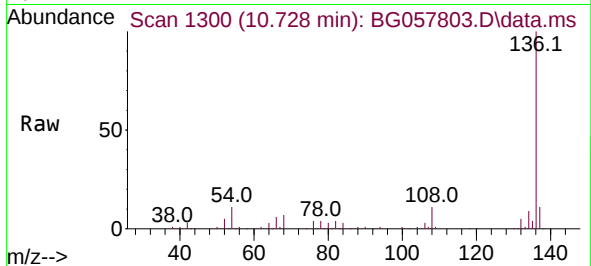
ClientSampleId :

PB153645BS

Tgt Ion:136 Resp: 168832
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.2 9.5 14.3
68 6.6 5.7 8.5

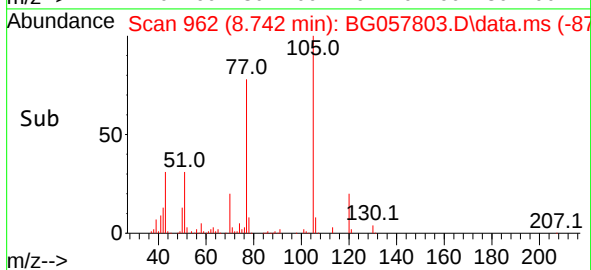
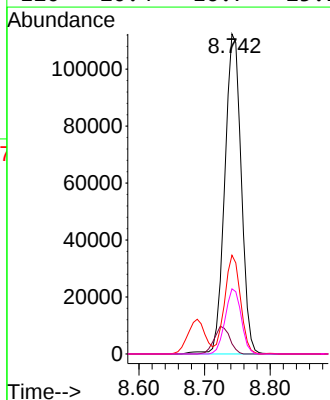
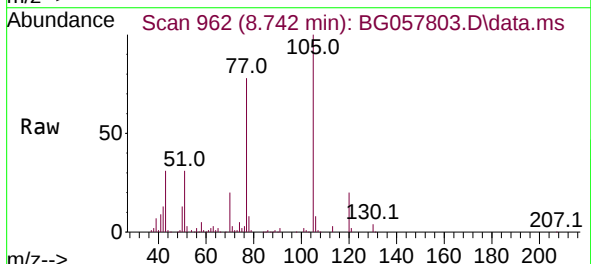
Manual Integrations
APPROVED

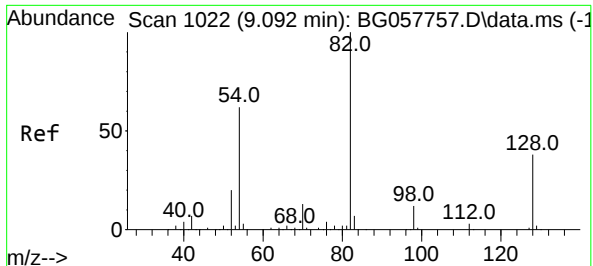
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 41.271 ng
RT: 8.742 min Scan# 962
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:105 Resp: 195393
Ion Ratio Lower Upper
105 100
71 3.2 2.4 3.6
51 30.9 25.9 38.9
120 20.4 16.7 25.1





#23
Nitrobenzene-d5
Concen: 79.498 ng
RT: 9.082 min Scan# 1022
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

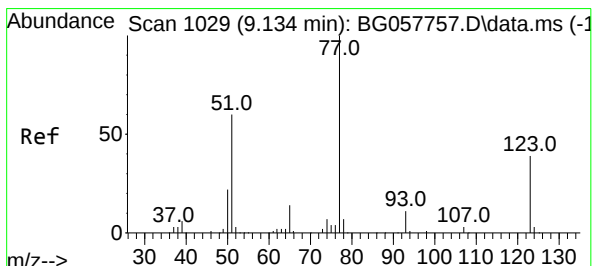
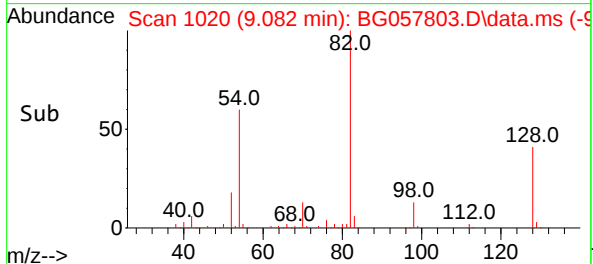
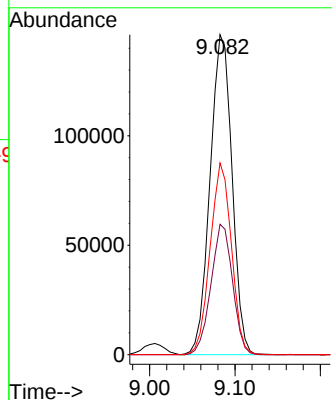
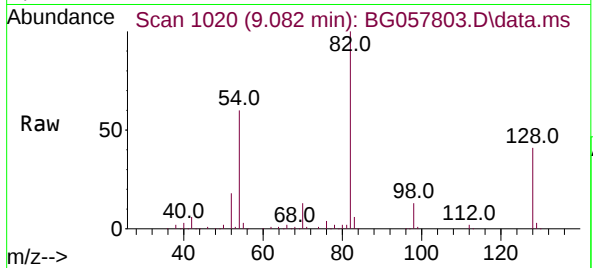
ClientSampleId :

PB153645BS

Tgt Ion: 82 Resp: 26151
Ion Ratio Lower Upper
82 100
128 40.8 30.7 46.1
54 59.9 49.6 74.4

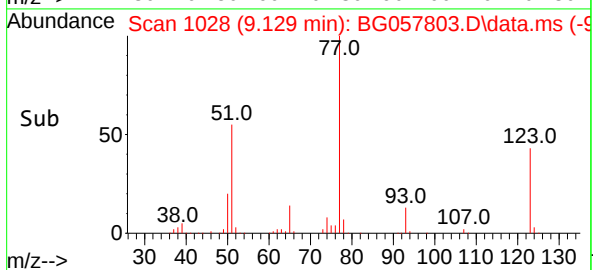
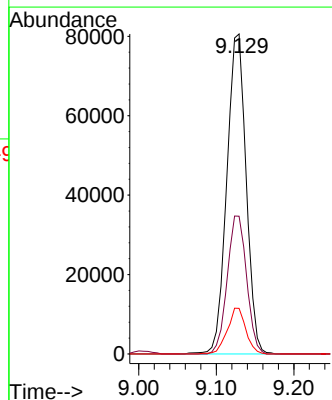
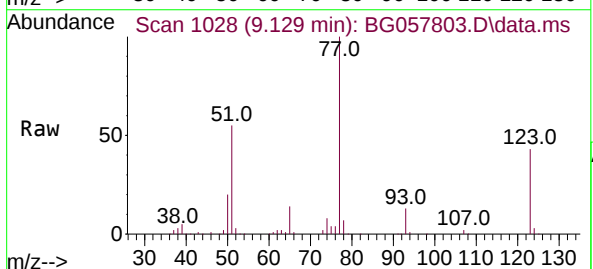
Manual Integrations
APPROVED

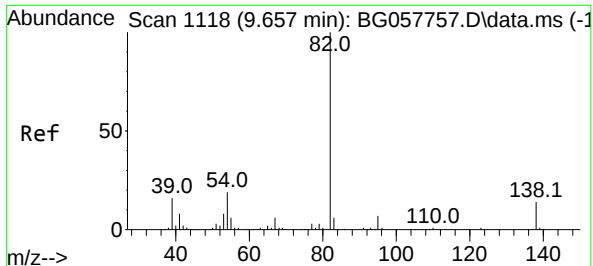
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#24
Nitrobenzene
Concen: 40.873 ng
RT: 9.129 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion: 77 Resp: 139936
Ion Ratio Lower Upper
77 100
123 43.0 31.4 47.2
65 14.2 11.2 16.8





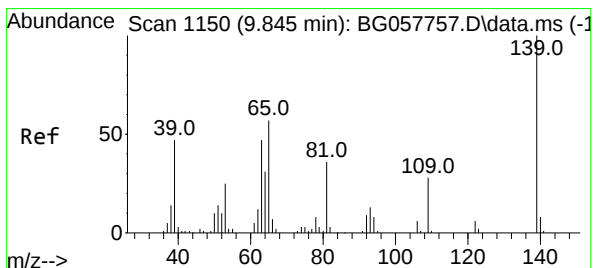
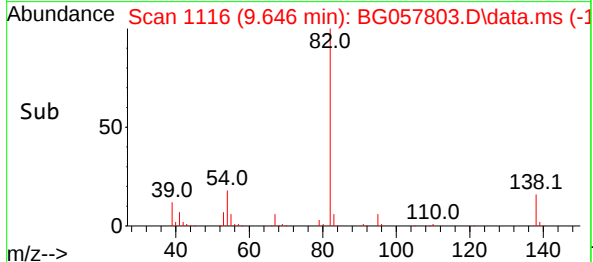
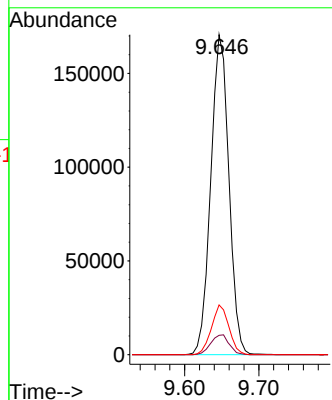
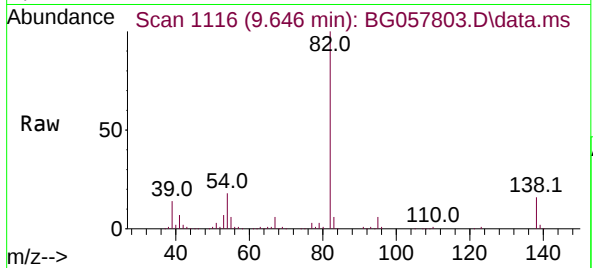
#25
Isophorone
Concen: 38.495 ng
RT: 9.646 min Scan# 1118
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :
BNA_G
ClientSampleId :
PB153645BS

Tgt Ion: 82 Resp: 28931
Ion Ratio Lower Upper
82 100
95 6.0 5.2 7.8
138 15.5 11.1 16.7

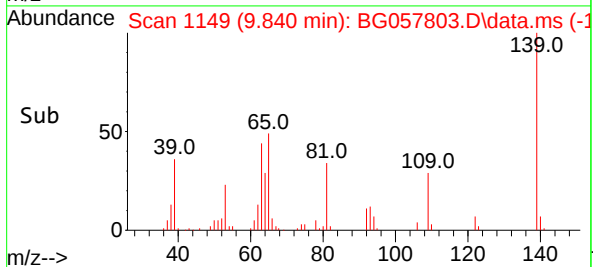
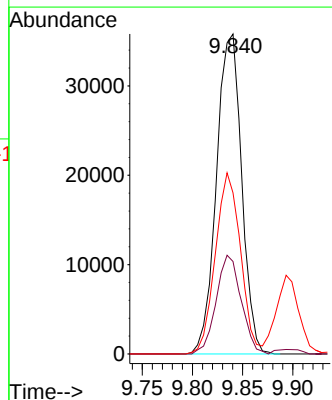
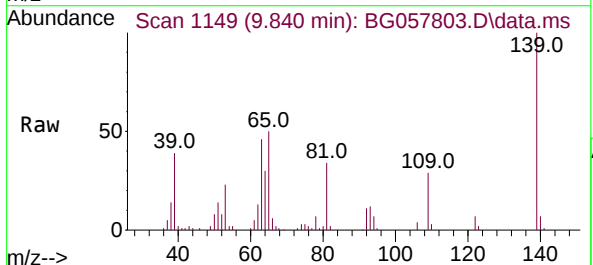
Manual Integrations
APPROVED

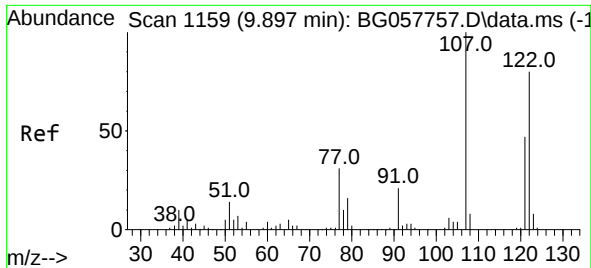
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 57.304 ng
RT: 9.840 min Scan# 1149
Delta R.T. -0.005 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:139 Resp: 62416
Ion Ratio Lower Upper
139 100
109 28.9 22.5 33.7
65 50.3 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 46.931 ng

RT: 9.893 min Scan# 1158

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:122 Resp: 126558

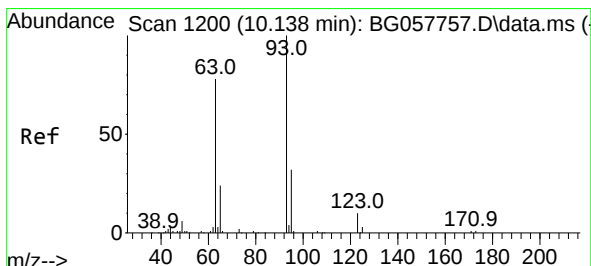
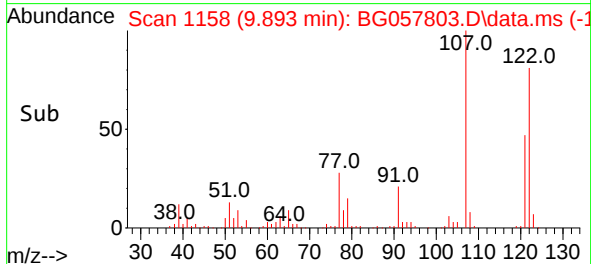
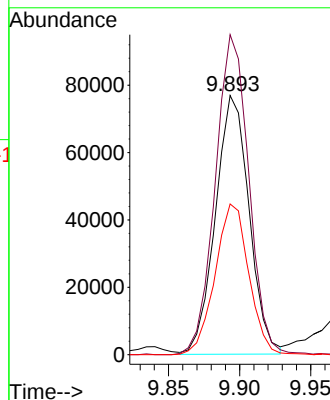
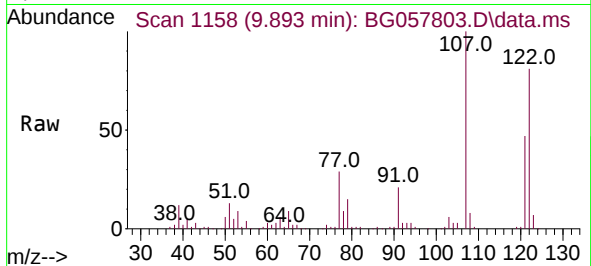
Ion	Ratio	Lower	Upper
122	100		
107	123.4	98.9	148.3
121	58.1	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.356 ng

RT: 10.134 min Scan# 1199

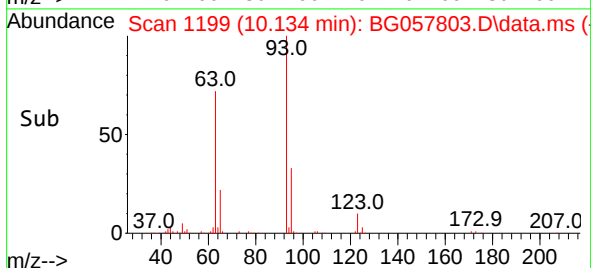
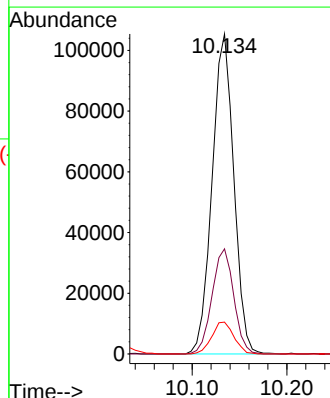
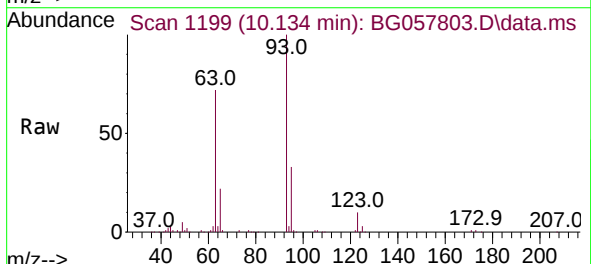
Delta R.T. -0.004 min

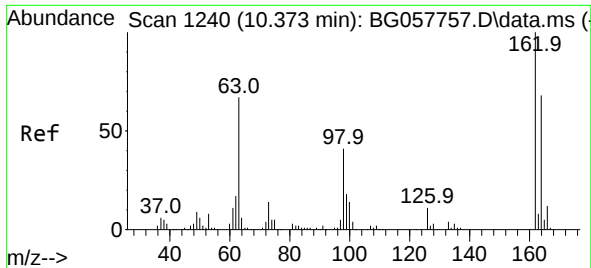
Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Tgt Ion: 93 Resp: 167383

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.6	38.4
123	10.0	8.2	12.2





#29
2,4-Dichlorophenol
Concen: 47.116 ng
RT: 10.369 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

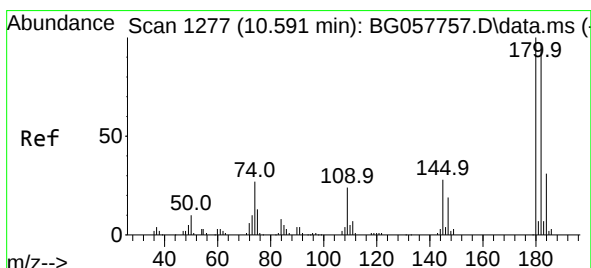
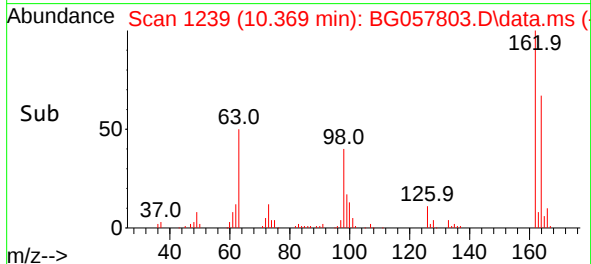
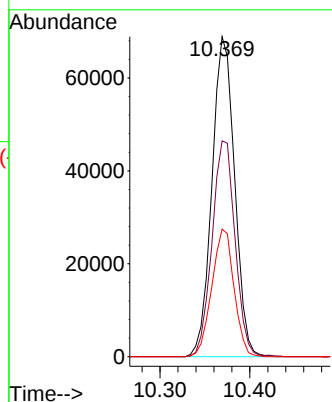
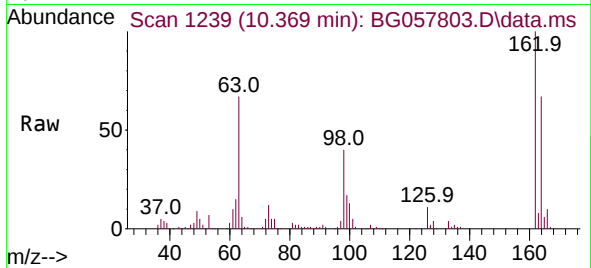
PB153645BS

Tgt Ion:162 Resp: 12065
Ion Ratio Lower Upper
162 100
164 67.4 48.2 88.2
98 39.9 20.7 60.7

Manual Integrations

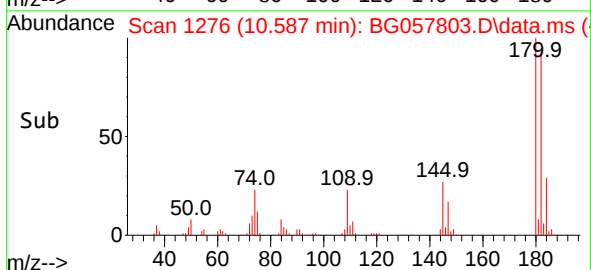
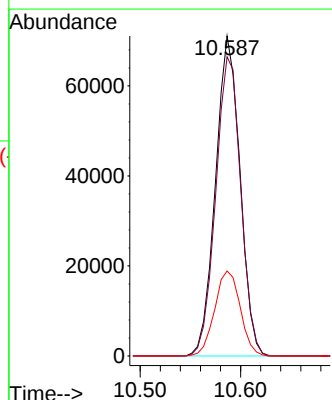
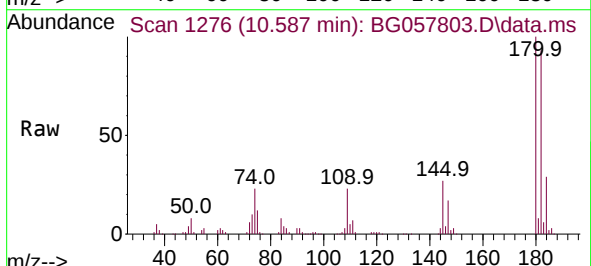
APPROVED

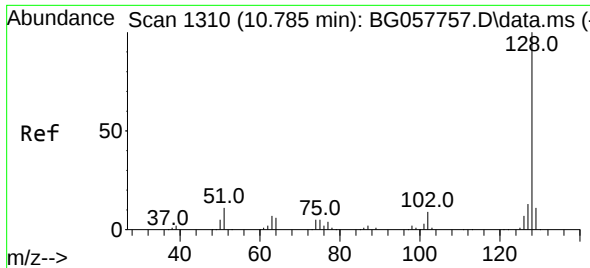
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.207 ng
RT: 10.587 min Scan# 1276
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

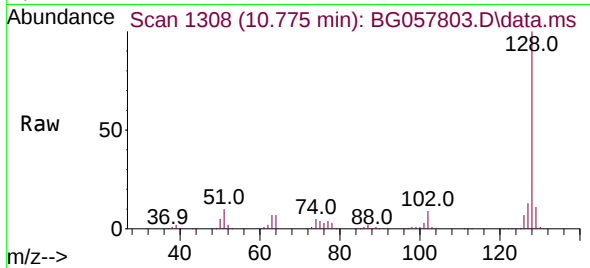
Tgt Ion:180 Resp: 120478
Ion Ratio Lower Upper
180 100
182 93.5 77.5 116.3
145 26.5 22.6 34.0





#31
Naphthalene
Concen: 40.684 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

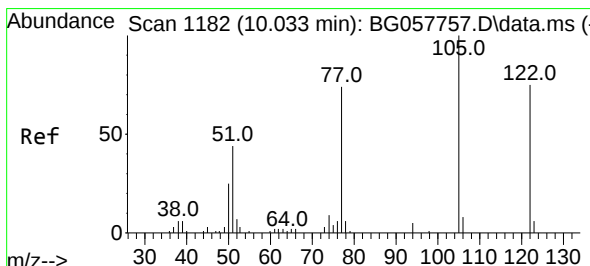
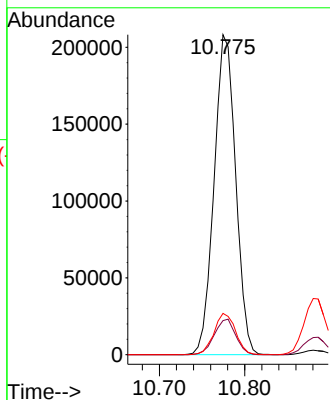
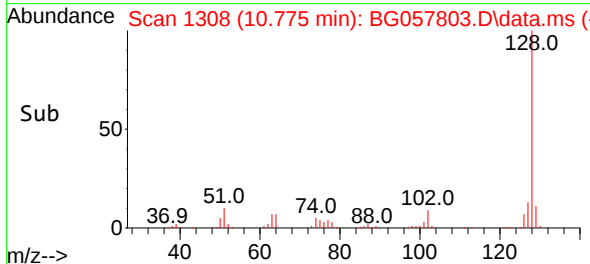
Instrument :
BNA_G
ClientSampleId :
PB153645BS



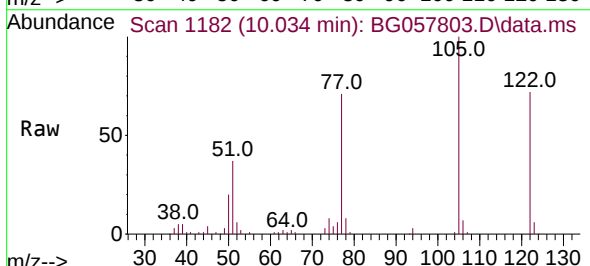
Tgt Ion:128 Resp: 365579
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.9 10.7 16.1

Manual Integrations
APPROVED

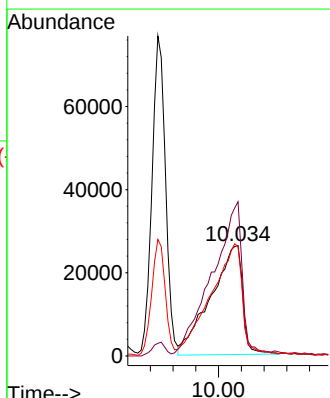
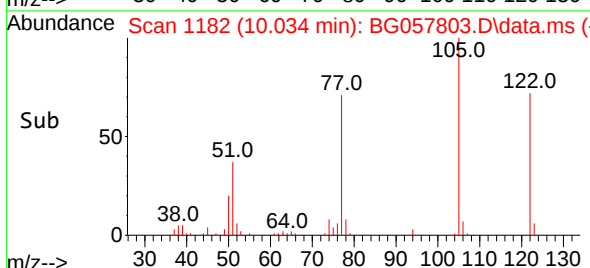
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

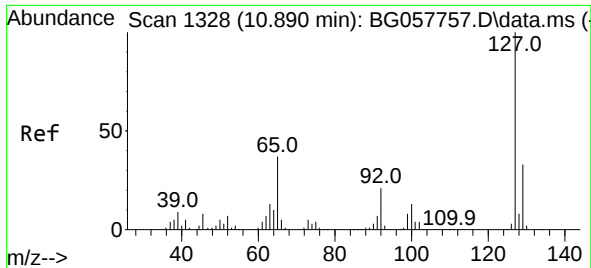


#32
Benzoic acid
Concen: 51.218 ng
RT: 10.034 min Scan# 1182
Delta R.T. 0.001 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:122 Resp: 101691
Ion Ratio Lower Upper
122 100
105 139.6 110.1 150.1
77 99.1 78.2 118.2





#33
4-Chloroaniline
Concen: 16.465 ng
RT: 10.880 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

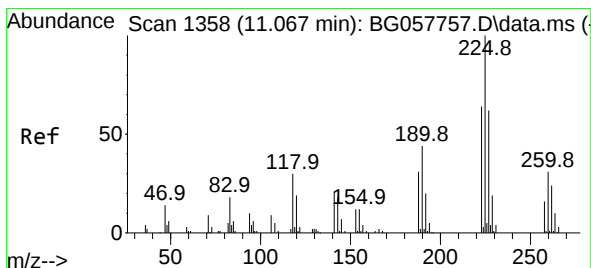
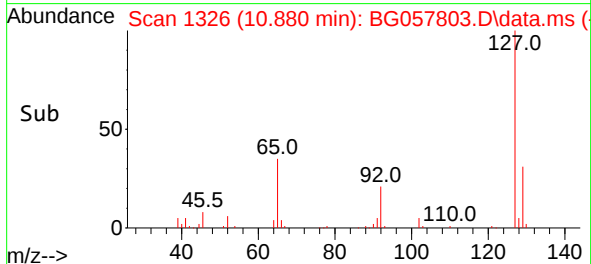
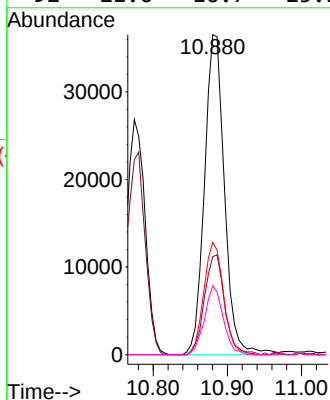
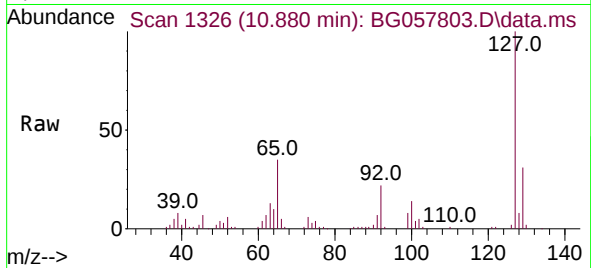
PB153645BS

Tgt Ion:127 Resp: 68552
Ion Ratio Lower Upper
127 100
129 30.6 26.6 40.0
65 35.0 29.8 44.8
92 21.6 16.7 25.1

Manual Integrations

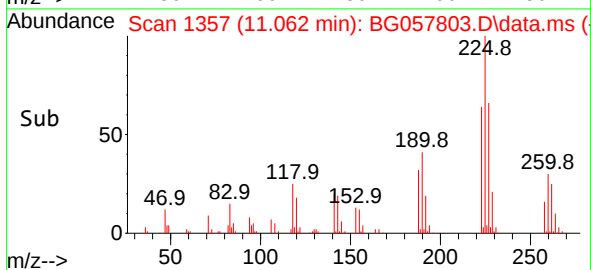
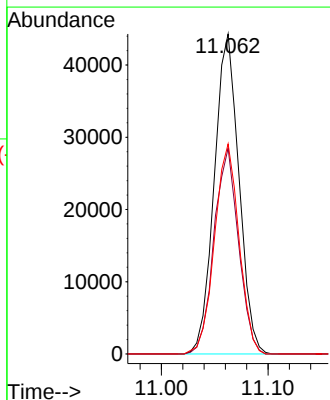
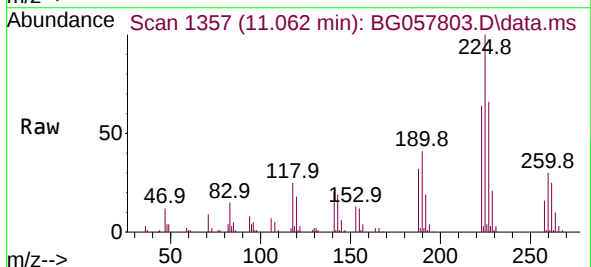
APPROVED

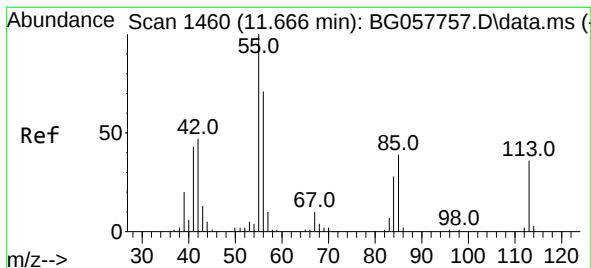
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#34
Hexachlorobutadiene
Concen: 40.795 ng
RT: 11.062 min Scan# 1357
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:225 Resp: 71043
Ion Ratio Lower Upper
225 100
223 64.3 51.4 77.0
227 65.7 49.7 74.5





#35

Caprolactam

Concen: 45.855 ng m

RT: 11.656 min Scan# 1460

Delta R.T. -0.010 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:113 Resp: 47650

Ion Ratio Lower Upper

113 100

55 250.1 255.7 295.7

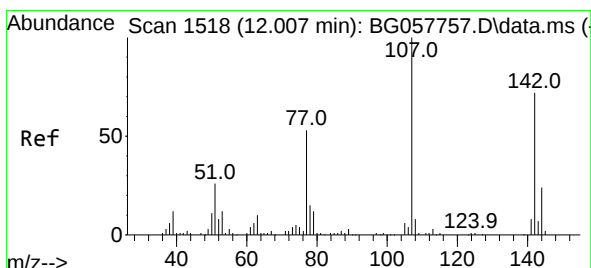
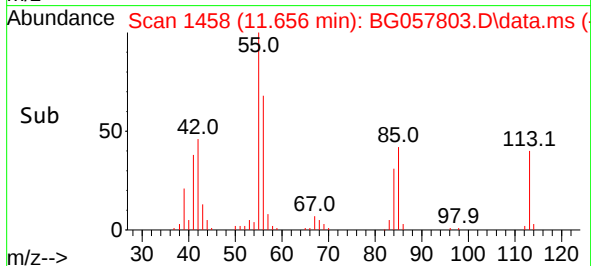
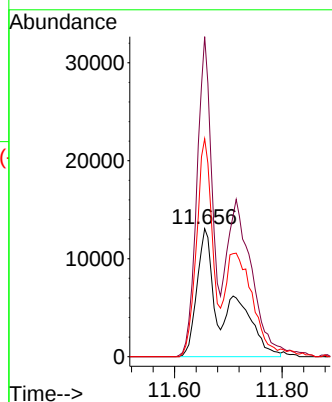
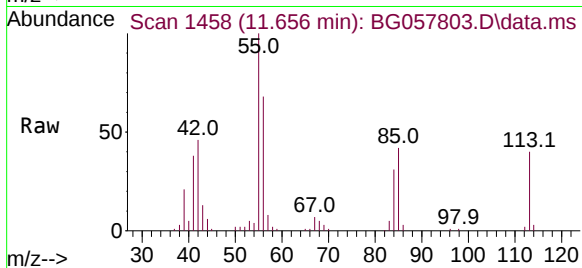
56 170.3 175.2 215.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#36

4-Chloro-3-methylphenol

Concen: 45.277 ng

RT: 12.008 min Scan# 1518

Delta R.T. 0.002 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

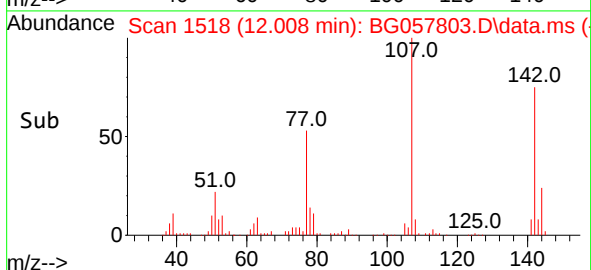
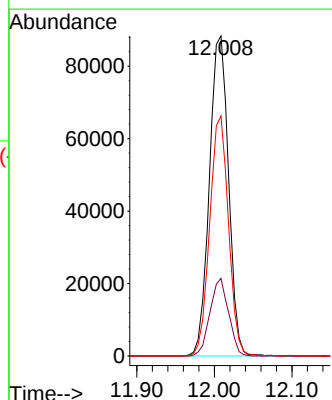
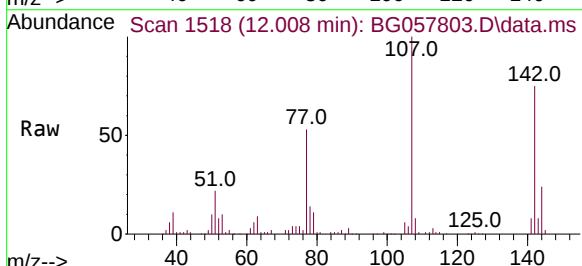
Tgt Ion:107 Resp: 151426

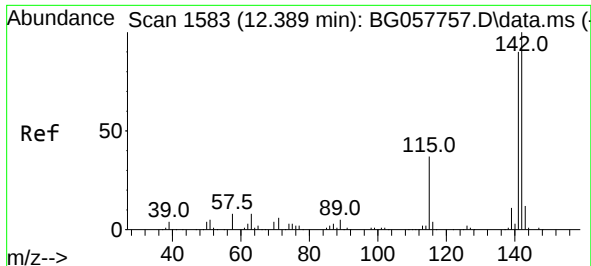
Ion Ratio Lower Upper

107 100

144 24.2 19.5 29.3

142 75.0 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.518 ng

RT: 12.384 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:142 Resp: 258828

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1

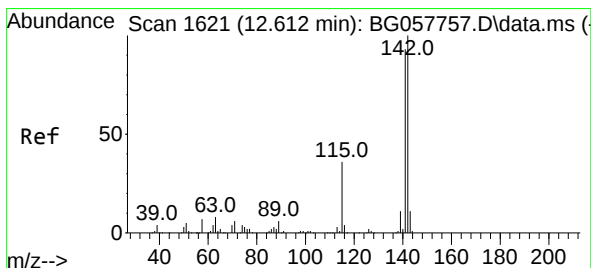
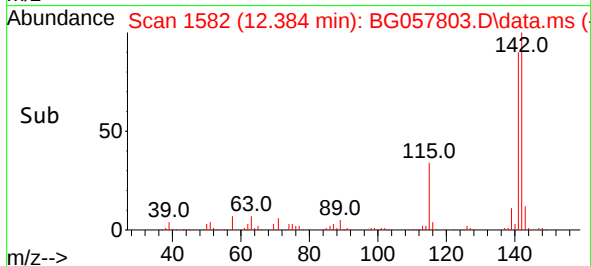
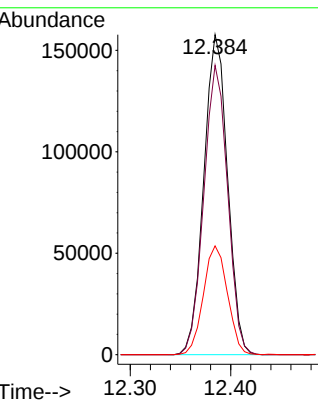
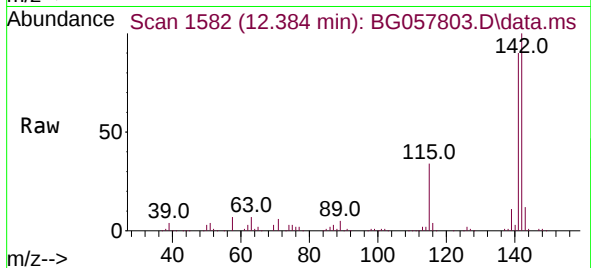
115 34.0 29.7 44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#38

1-Methylnaphthalene

Concen: 39.915 ng

RT: 12.602 min Scan# 1619

Delta R.T. -0.010 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

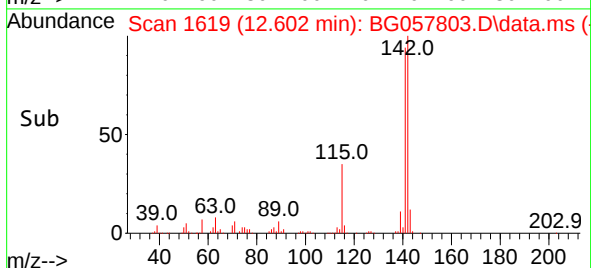
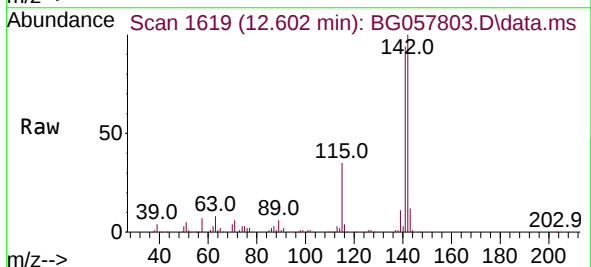
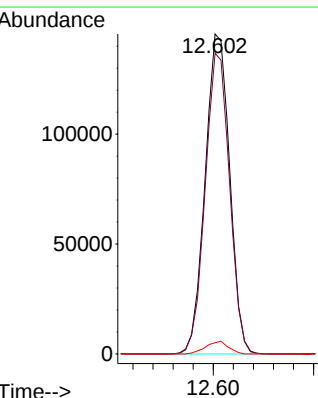
Tgt Ion:142 Resp: 246785

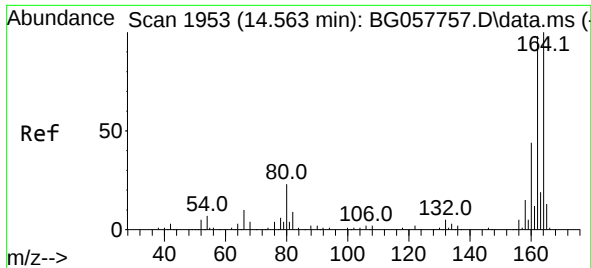
Ion Ratio Lower Upper

142 100

141 94.0 74.2 111.4

116 3.5 3.1 4.7





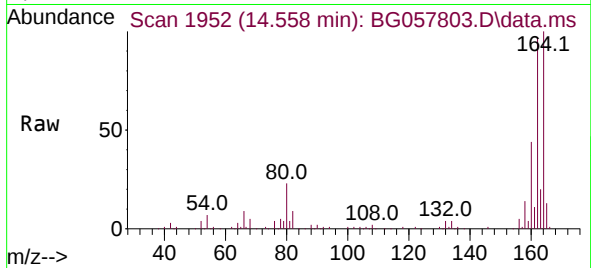
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

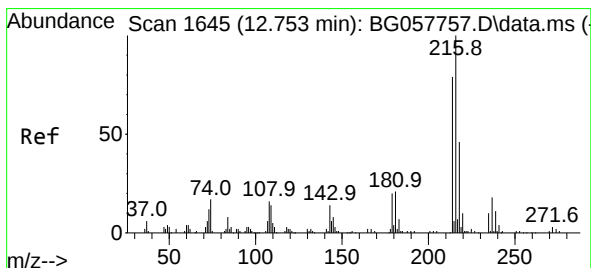
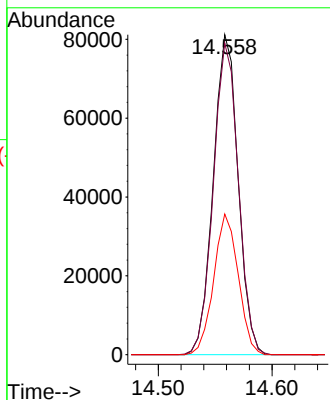
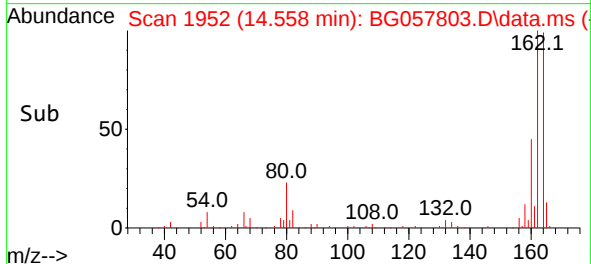


Tgt Ion:164 Resp: 123080
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 44.0 35.4 53.0

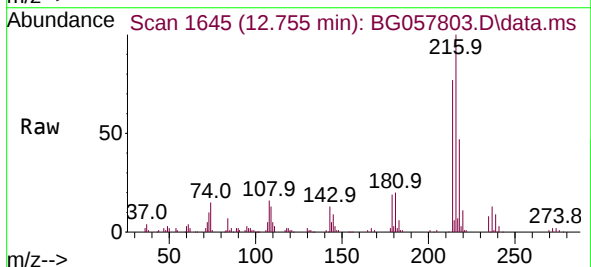
Manual Integrations

APPROVED

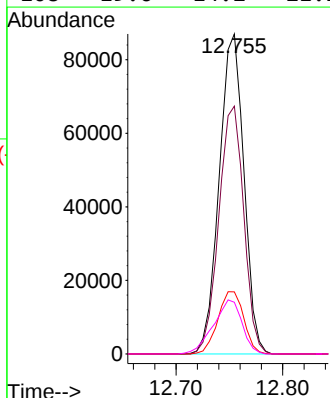
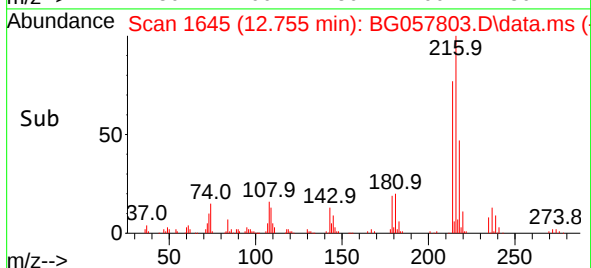
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

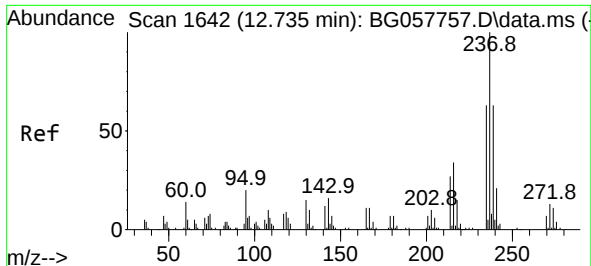


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.999 ng
RT: 12.755 min Scan# 1645
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:216 Resp: 139901
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.4 16.2 24.2
108 19.6 14.2 21.2





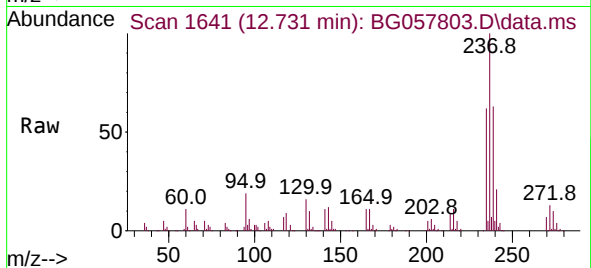
#41
Hexachlorocyclopentadiene
Concen: 102.494 ng
RT: 12.731 min Scan# 1642
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

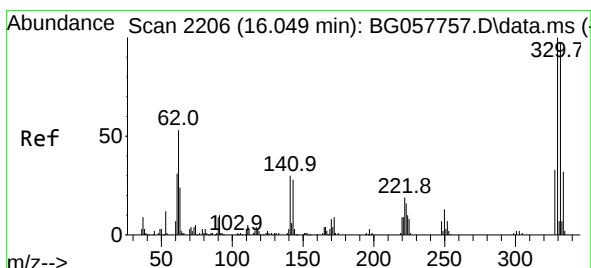
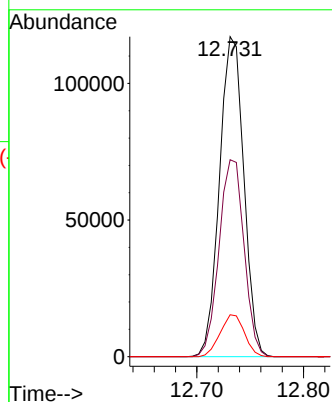
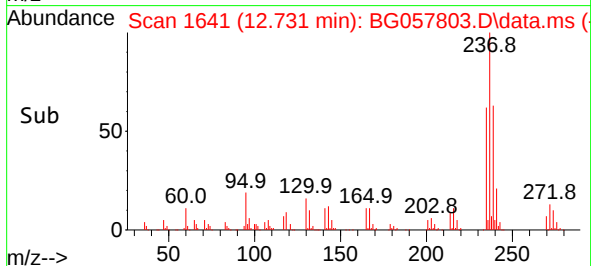


Tgt Ion:237 Resp: 185670
Ion Ratio Lower Upper
237 100
235 61.6 43.5 83.5
272 13.1 0.0 32.8

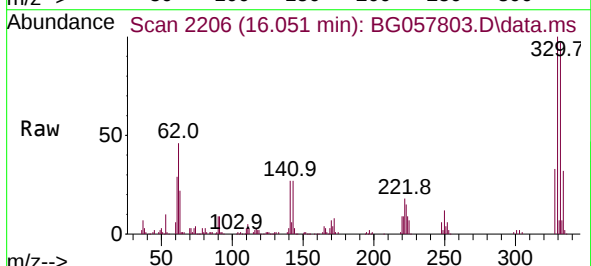
Manual Integrations

APPROVED

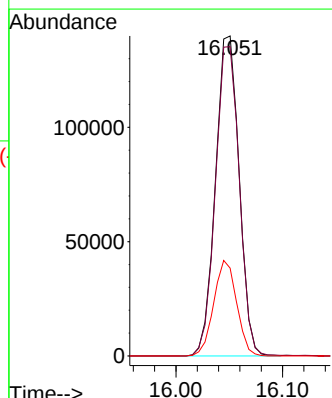
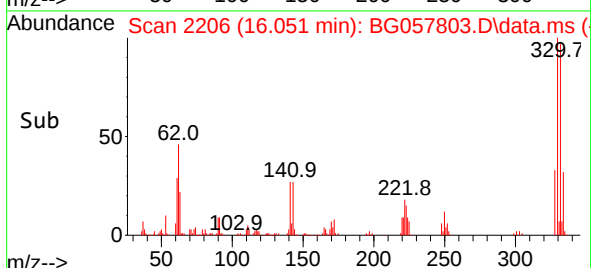
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

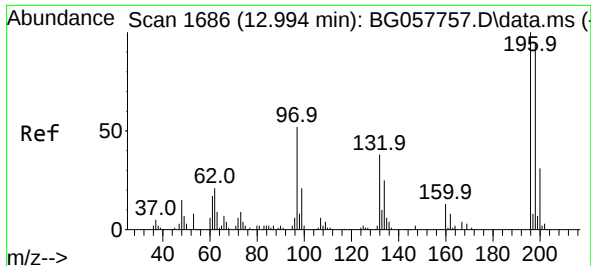


#42
2,4,6-Tribromophenol
Concen: 125.612 ng
RT: 16.051 min Scan# 2206
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:330 Resp: 215372
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 28.9 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 46.162 ng
RT: 12.990 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

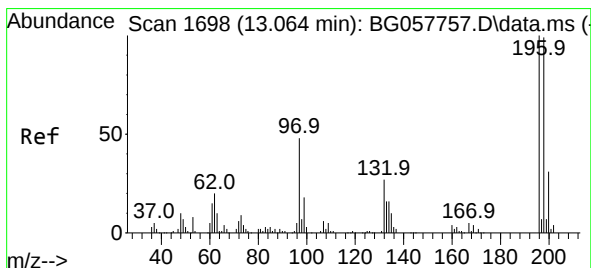
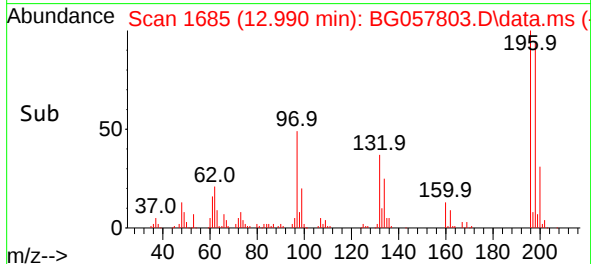
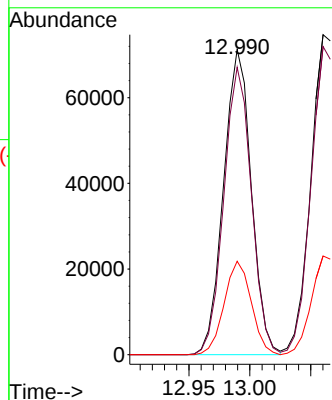
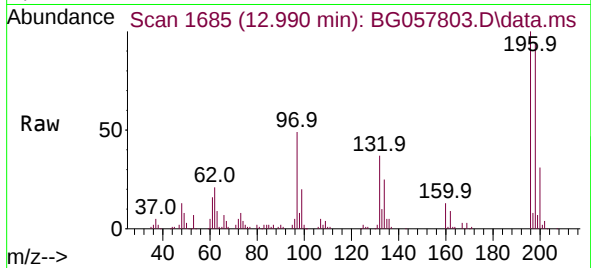
ClientSampleId :

PB153645BS

Tgt Ion:196 Resp: 11278
Ion Ratio Lower Upper
196 100
198 94.1 75.5 113.3
200 30.6 24.6 36.8

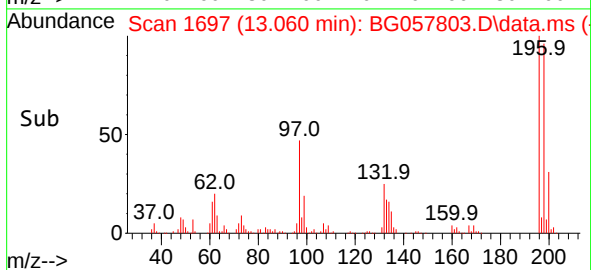
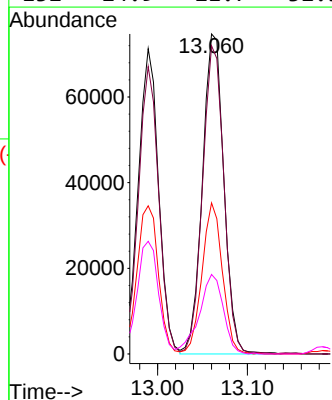
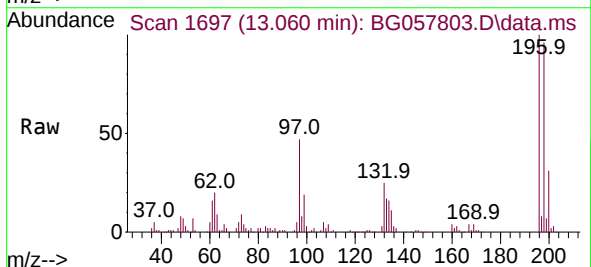
Manual Integrations
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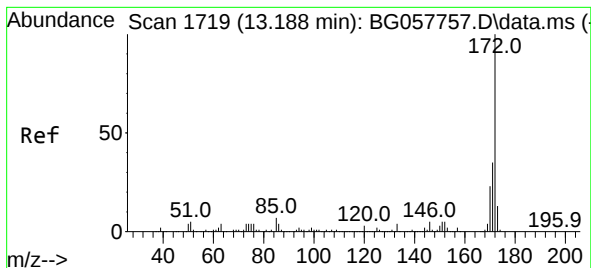
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#44
2,4,5-Trichlorophenol
Concen: 43.534 ng
RT: 13.060 min Scan# 1697
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:196 Resp: 123986
Ion Ratio Lower Upper
196 100
198 96.3 78.9 118.3
97 47.2 38.3 57.5
132 24.9 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 75.414 ng

RT: 13.183 min Scan# 1719

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:172 Resp: 61199

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

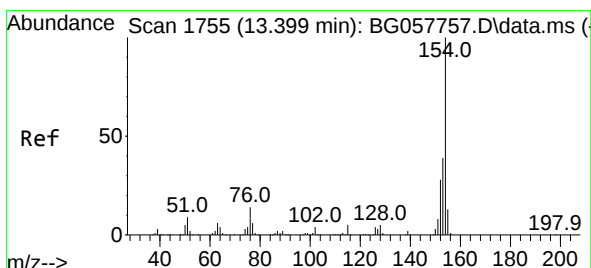
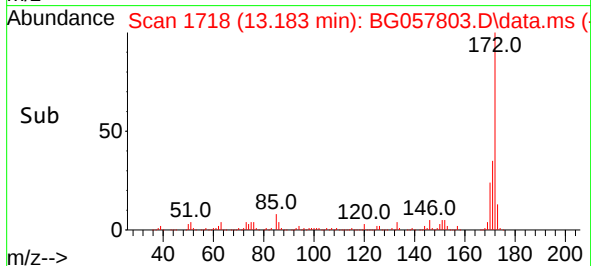
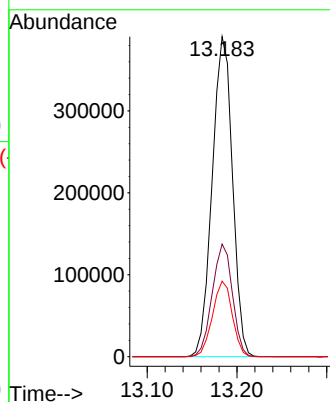
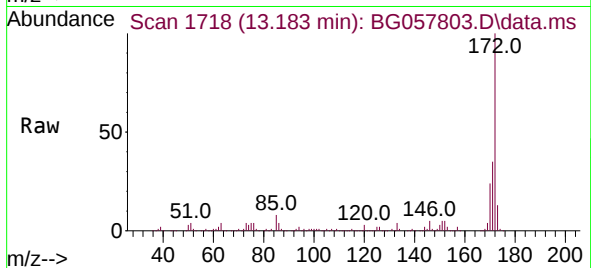
170 23.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 41.298 ng

RT: 13.395 min Scan# 1754

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

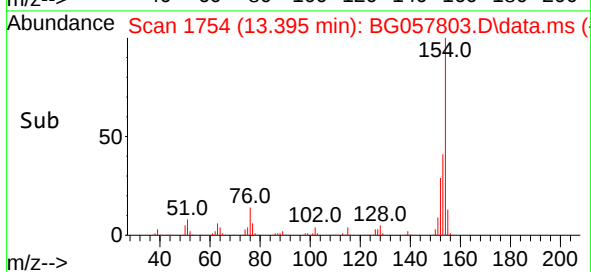
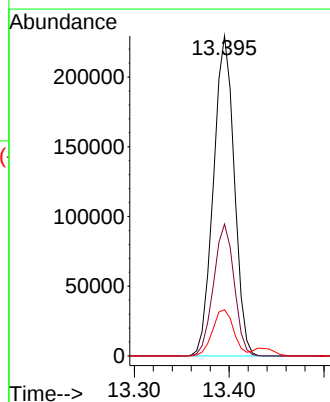
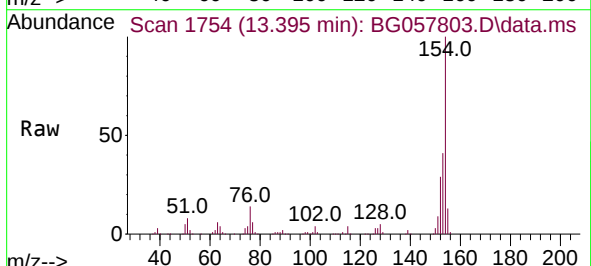
Tgt Ion:154 Resp: 349025

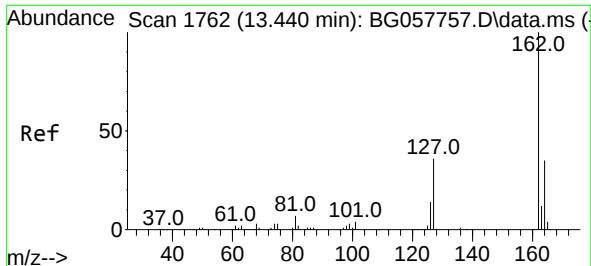
Ion Ratio Lower Upper

154 100

153 41.2 19.1 59.1

76 14.5 0.0 34.3





#47

2-Chloronaphthalene

Concen: 41.964 ng

RT: 13.436 min Scan# 1761

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:162 Resp: 27246

Ion Ratio Lower Upper

162 100

127 39.3 32.2 48.2

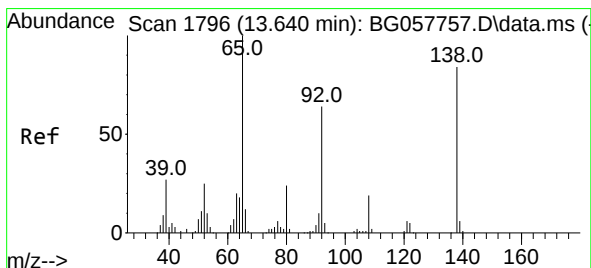
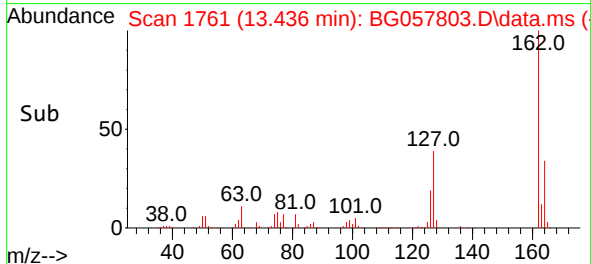
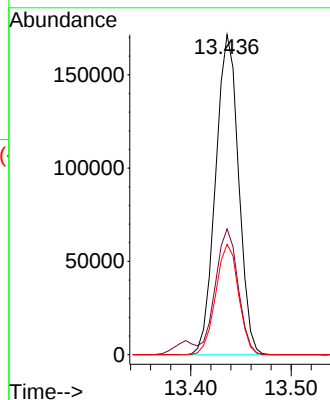
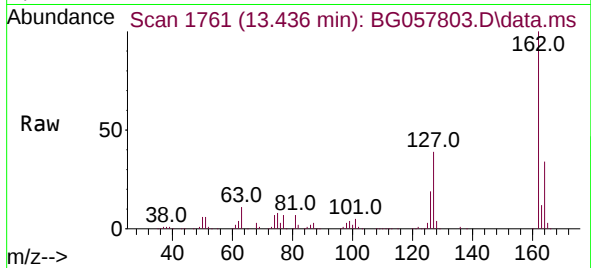
164 34.5 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#48

2-Nitroaniline

Concen: 47.150 ng

RT: 13.636 min Scan# 1795

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

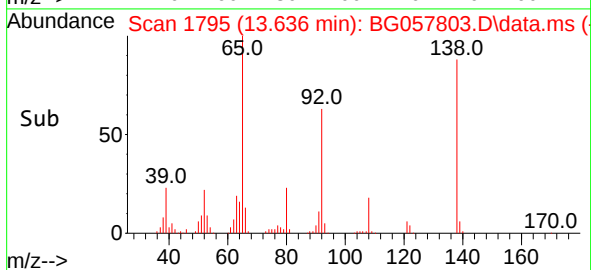
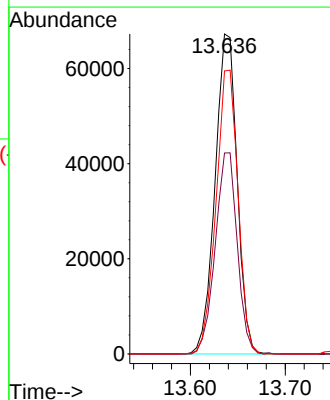
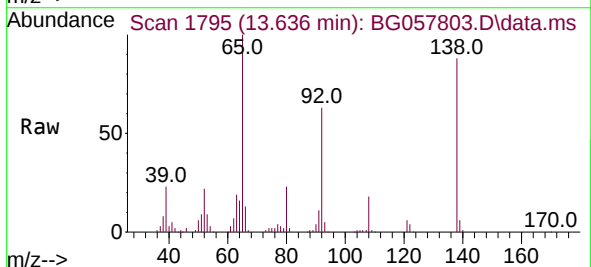
Tgt Ion: 65 Resp: 108791

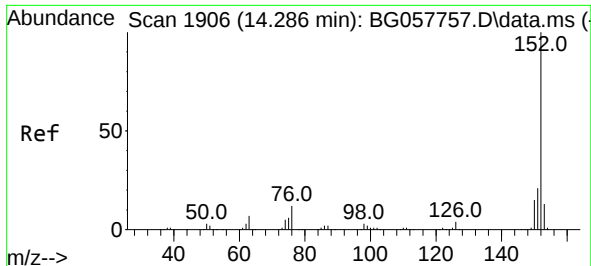
Ion Ratio Lower Upper

65 100

92 62.8 51.2 76.8

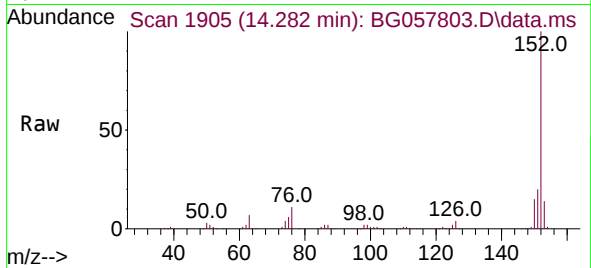
138 88.4 67.2 100.8





#49
Acenaphthylene
Concen: 40.571 ng
RT: 14.282 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

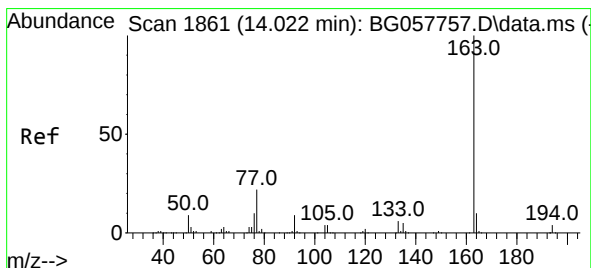
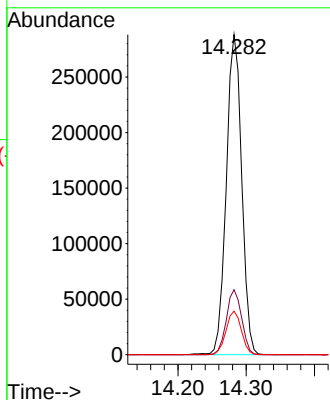
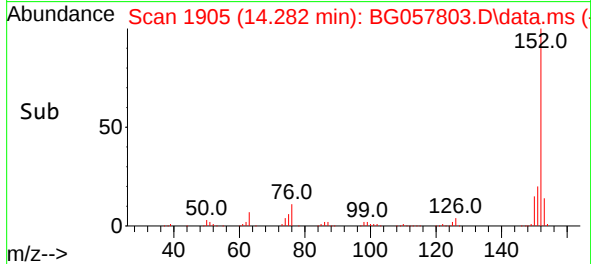
Instrument :
BNA_G
ClientSampleId :
PB153645BS



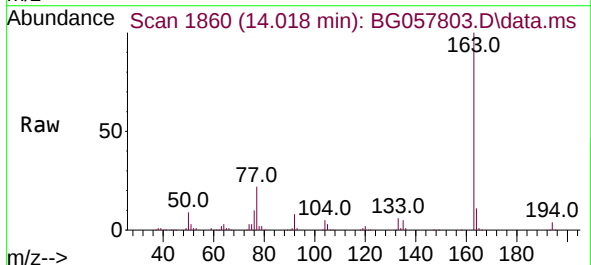
Tgt Ion:152 Resp: 45214
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 13.6 10.5 15.7

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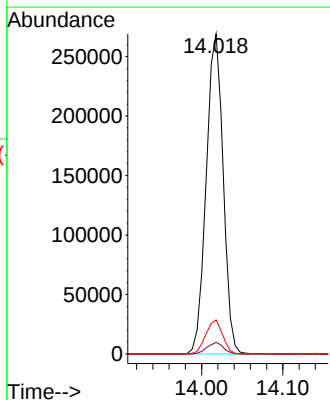
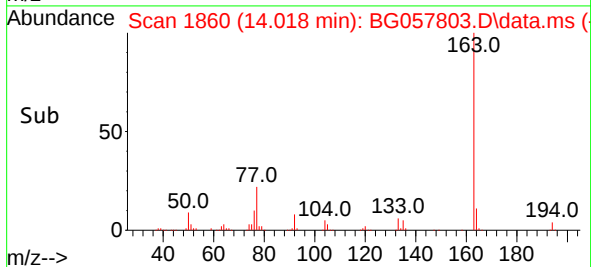
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

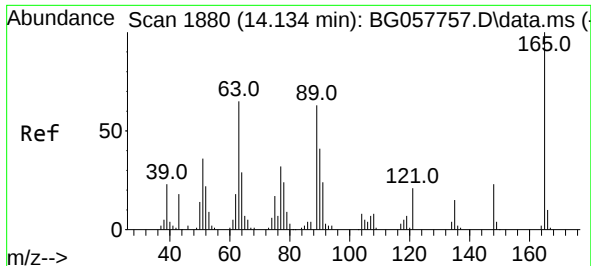


#50
Dimethylphthalate
Concen: 41.071 ng
RT: 14.018 min Scan# 1860
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:163 Resp: 388274
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.6 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.481 ng
RT: 14.135 min Scan# 1880
Delta R.T. 0.001 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

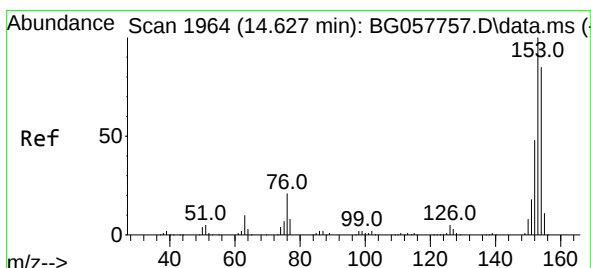
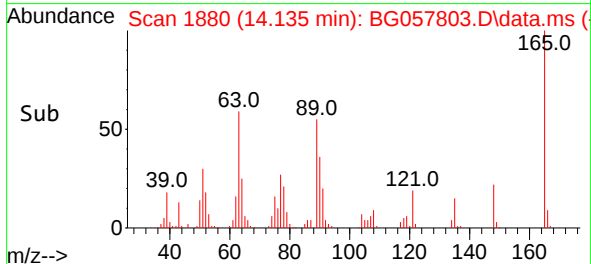
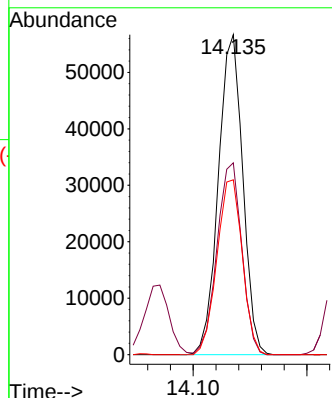
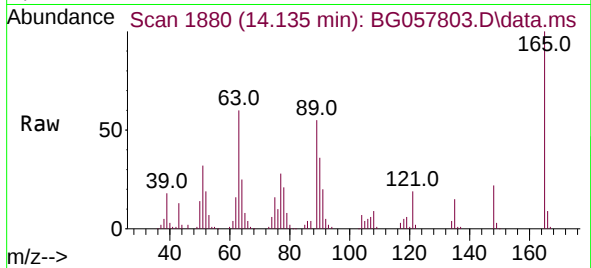
ClientSampleId :

PB153645BS

Tgt Ion:165 Resp: 84399
Ion Ratio Lower Upper
165 100
63 60.0 52.8 79.2
89 54.7 50.7 76.1

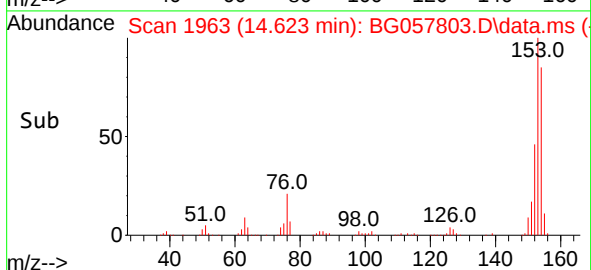
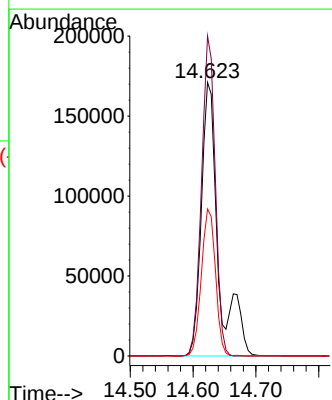
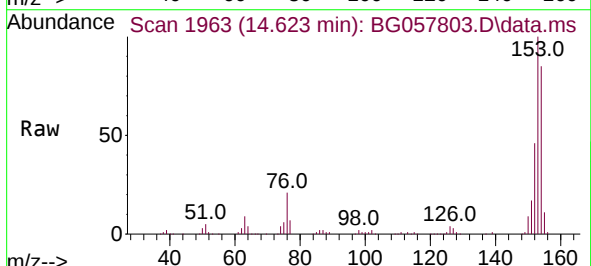
Manual Integrations
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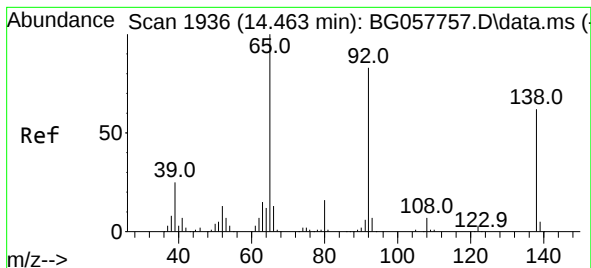
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 47.032 ng m
RT: 14.623 min Scan# 1963
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:154 Resp: 324487
Ion Ratio Lower Upper
154 100
153 117.0 93.6 140.4
152 53.8 44.7 67.1





#53
3-Nitroaniline
Concen: 27.649 ng
RT: 14.458 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

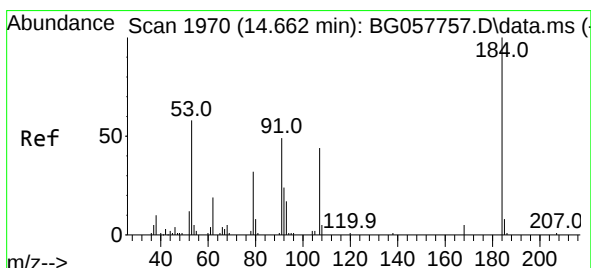
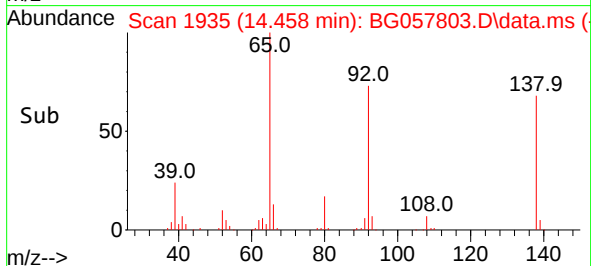
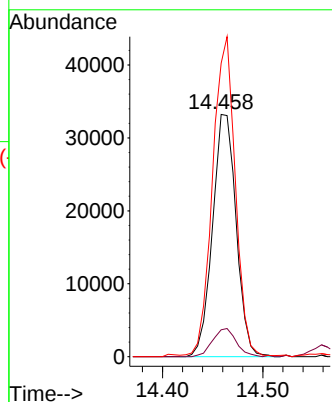
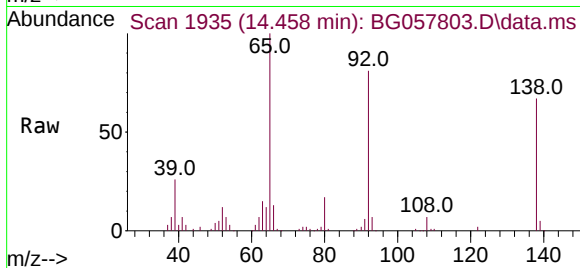
PB153645BS

Tgt Ion:138 Resp: 54244
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 121.1 106.4 159.6

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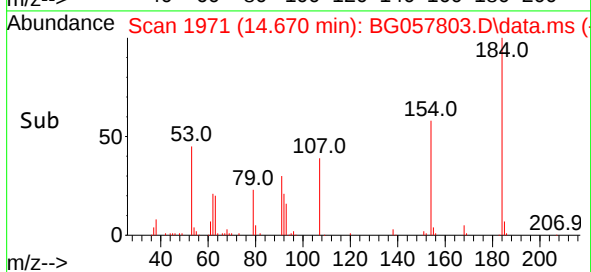
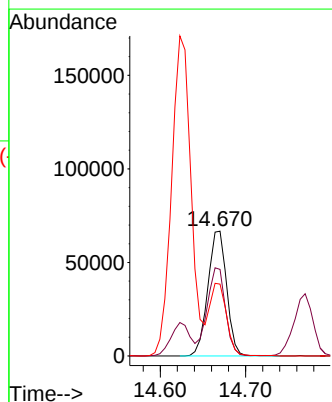
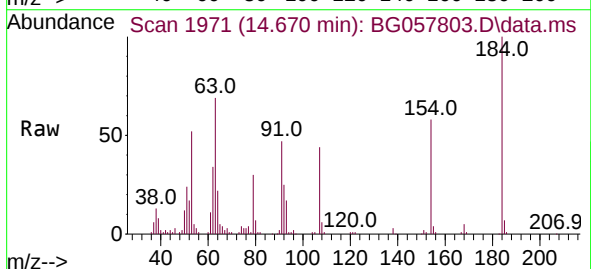
APPROVED

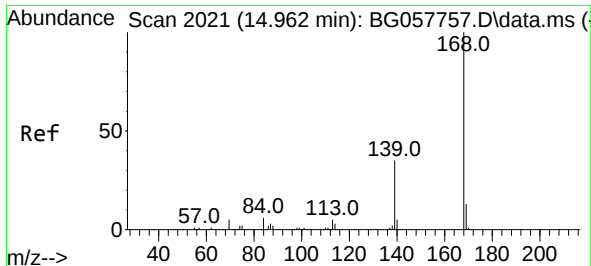
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#54
2,4-Dinitrophenol
Concen: 108.366 ng
RT: 14.670 min Scan# 1971
Delta R.T. 0.008 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:184 Resp: 102298
Ion Ratio Lower Upper
184 100
63 69.4 55.2 82.8
154 57.6 47.4 71.0





#55
Dibenzenofuran
Concen: 40.465 ng
RT: 14.958 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

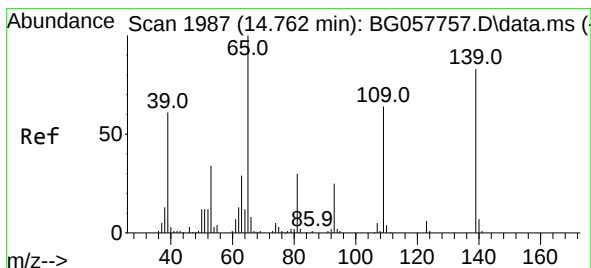
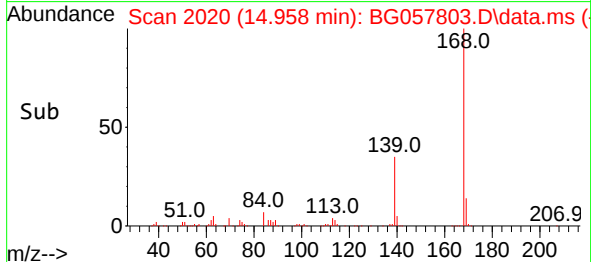
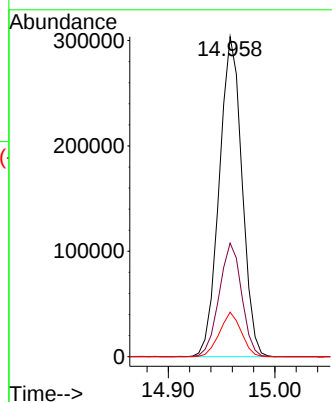
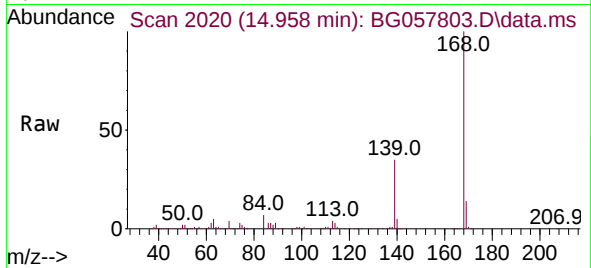
ClientSampleId :

PB153645BS

Tgt Ion:168 Resp: 44889
Ion Ratio Lower Upper
168 100
139 35.5 28.1 42.1
169 13.9 10.7 16.1

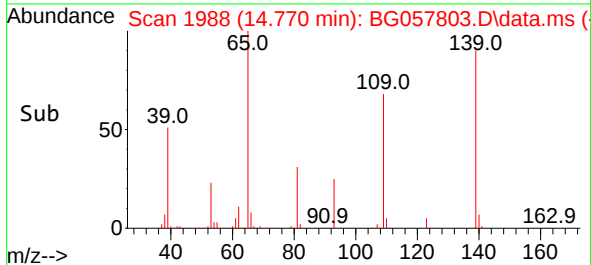
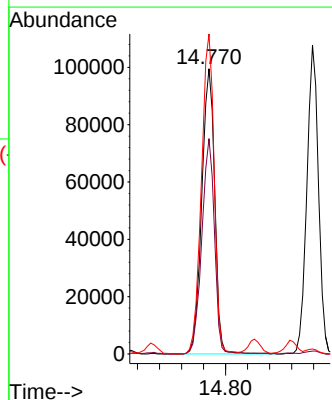
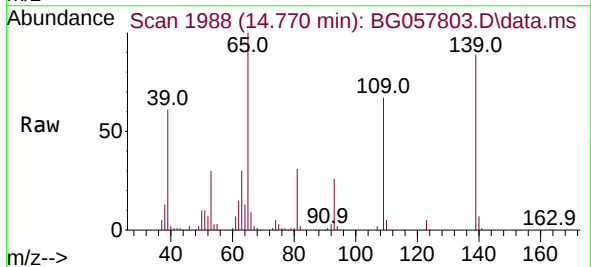
Manual Integrations
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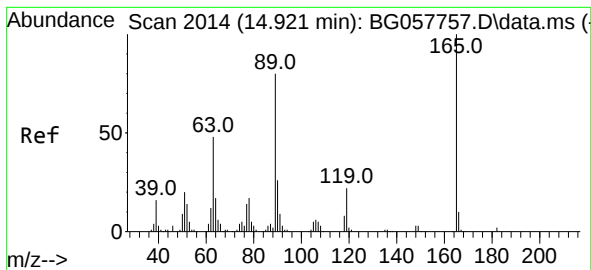
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 103.982 ng
RT: 14.770 min Scan# 1988
Delta R.T. 0.008 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:139 Resp: 162123
Ion Ratio Lower Upper
139 100
109 75.5 57.3 97.3
65 112.2 100.0 140.0





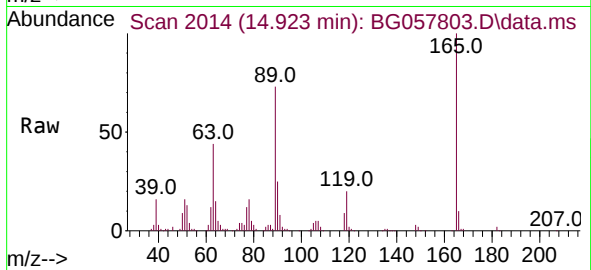
#57
2,4-Dinitrotoluene
Concen: 51.263 ng
RT: 14.923 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

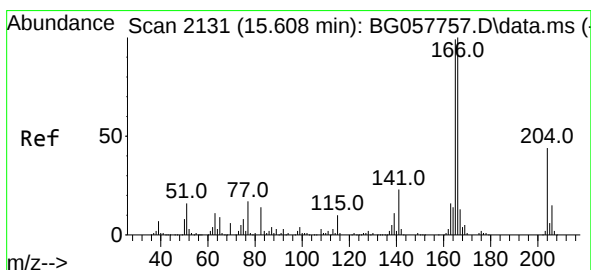
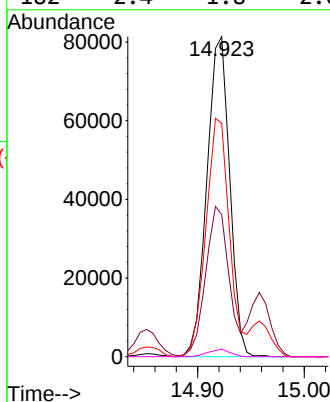
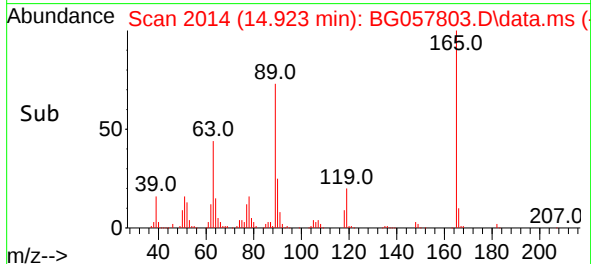


Tgt Ion:165 Resp: 12102
Ion Ratio Lower Upper
165 100
63 44.4 38.6 58.0
89 72.9 63.7 95.5
182 2.4 1.8 2.6

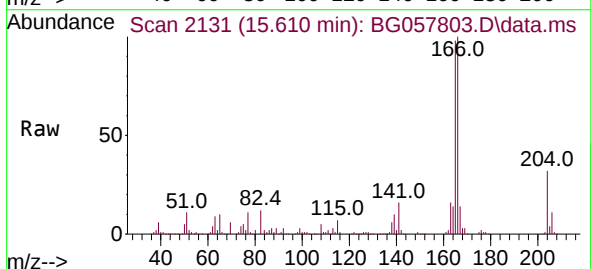
Manual Integrations

APPROVED

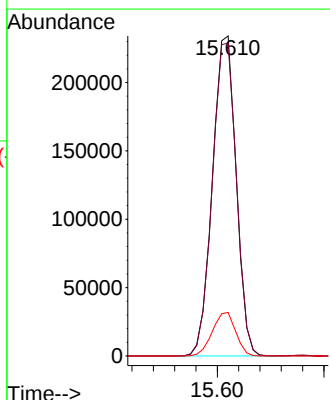
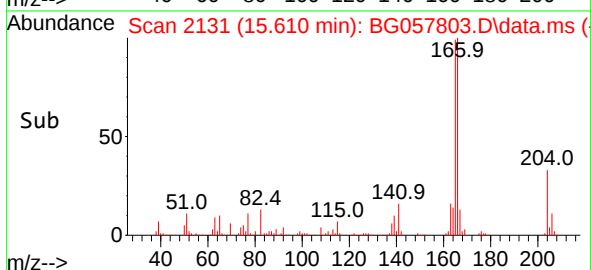
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

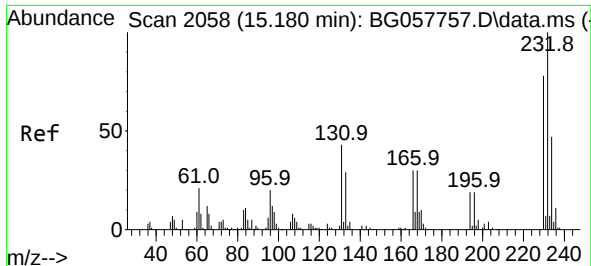


#58
Fluorene
Concen: 40.990 ng
RT: 15.610 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:166 Resp: 359946
Ion Ratio Lower Upper
166 100
165 97.8 79.5 119.3
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.617 ng
RT: 15.181 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

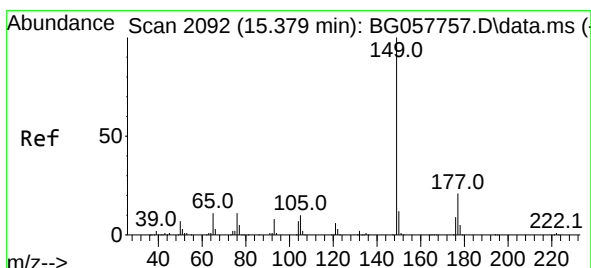
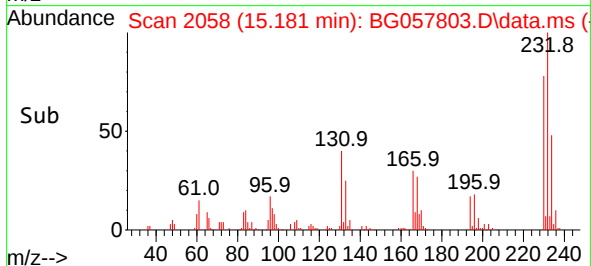
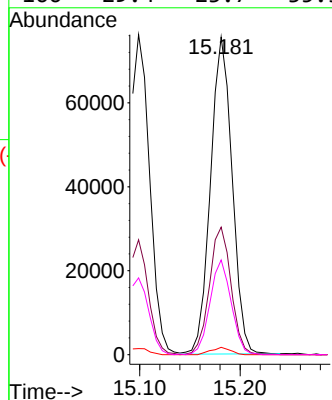
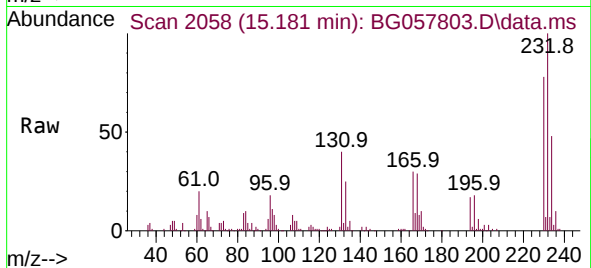
PB153645BS

Tgt Ion:232 Resp: 11314
Ion Ratio Lower Upper
232 100
131 40.4 31.9 47.9
130 2.1 1.6 2.4
166 29.4 23.7 35.5

Manual Integrations

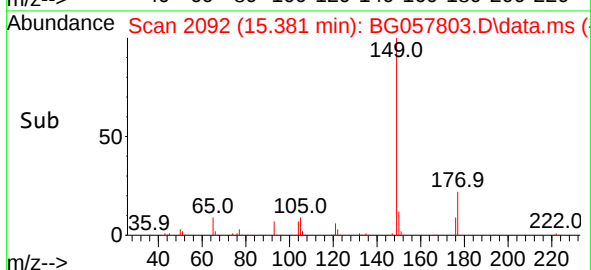
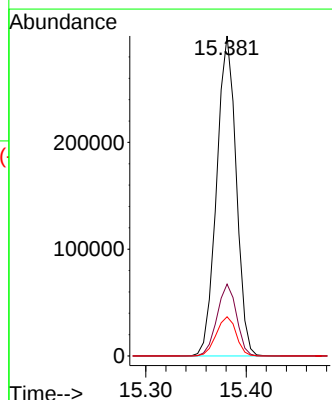
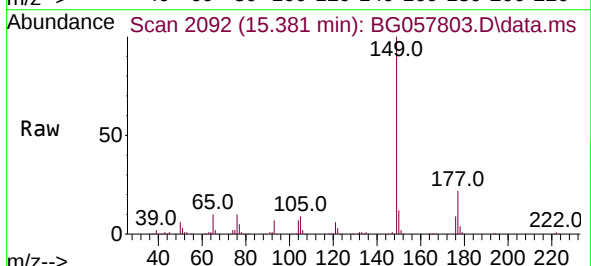
APPROVED

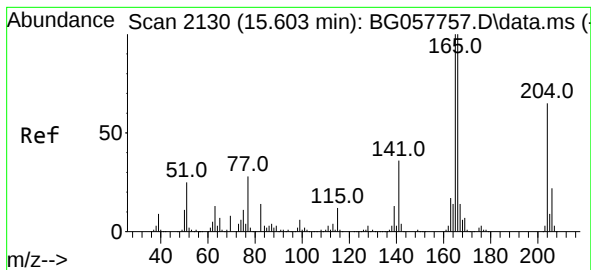
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#60
Diethylphthalate
Concen: 41.701 ng
RT: 15.381 min Scan# 2092
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:149 Resp: 404450
Ion Ratio Lower Upper
149 100
177 22.5 17.0 25.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.116 ng
RT: 15.598 min Scan# 2129
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

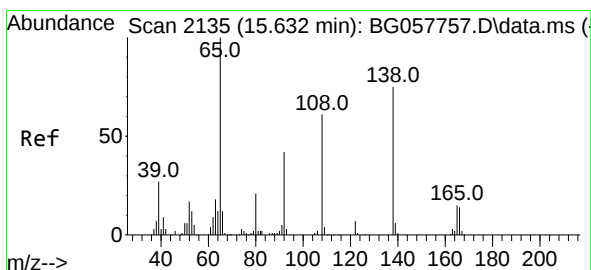
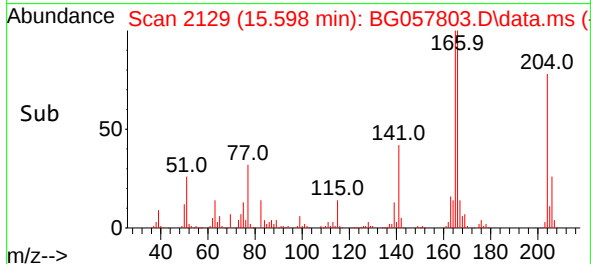
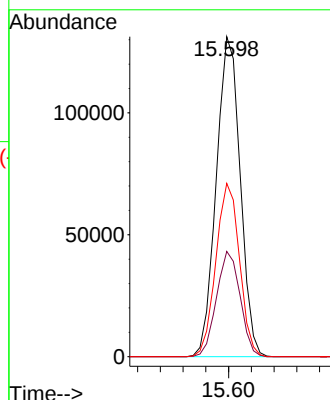
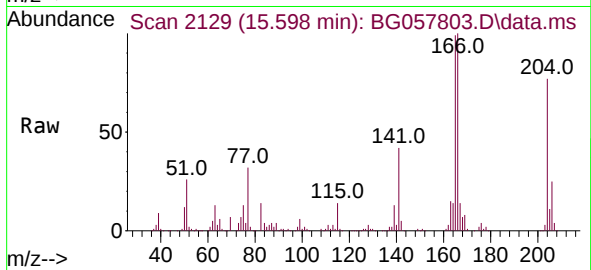
PB153645BS

Tgt Ion:204 Resp: 19198
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 54.2 44.3 66.5

Manual Integrations

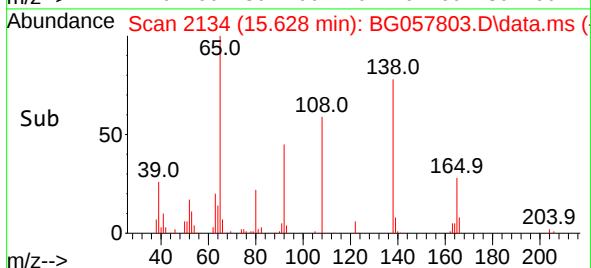
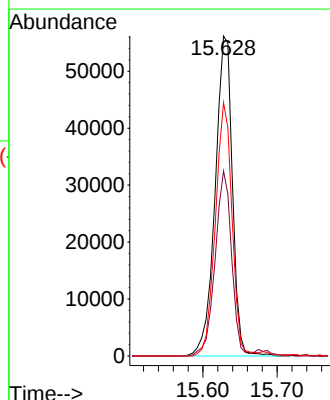
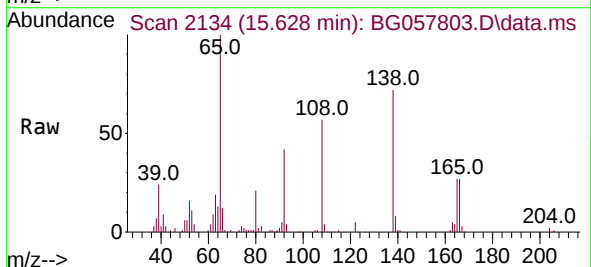
APPROVED

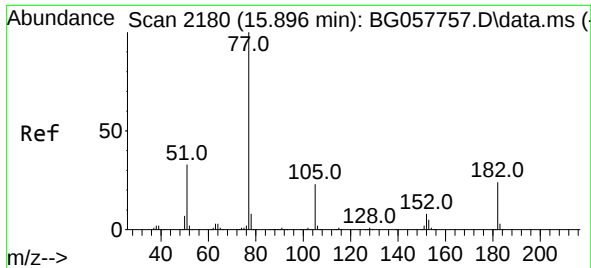
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#62
4-Nitroaniline
Concen: 45.381 ng
RT: 15.628 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:138 Resp: 90766
Ion Ratio Lower Upper
138 100
92 57.8 35.9 75.9
108 79.1 62.1 102.1





#63
Azobenzene
Concen: 39.253 ng
RT: 15.892 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

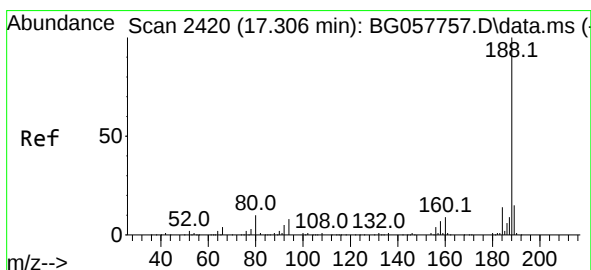
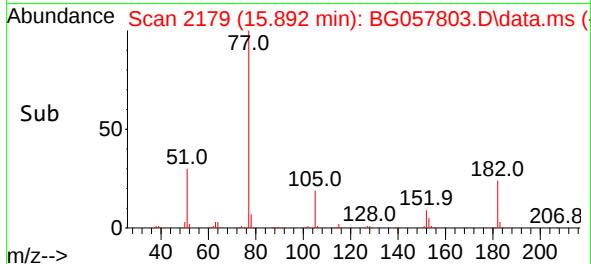
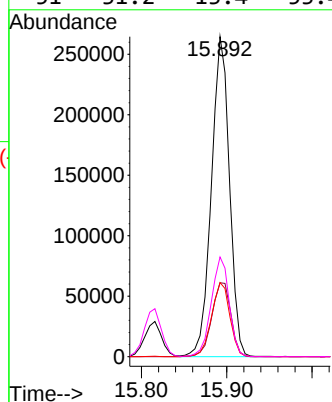
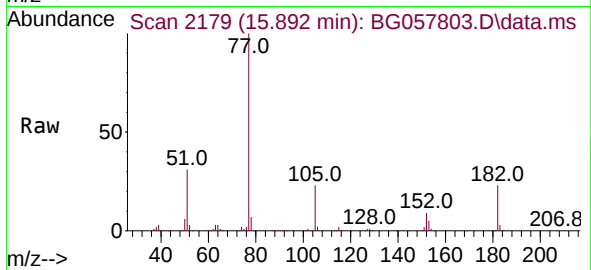
PB153645BS

Tgt Ion: 77 Resp: 38942
Ion Ratio Lower Upper
77 100
182 23.1 4.1 44.1
105 23.1 3.3 43.3
51 31.2 13.4 53.4

Manual Integrations

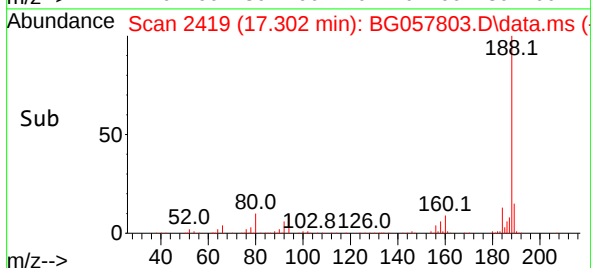
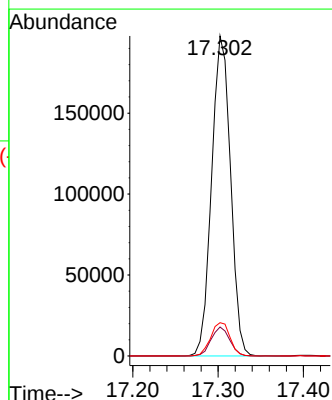
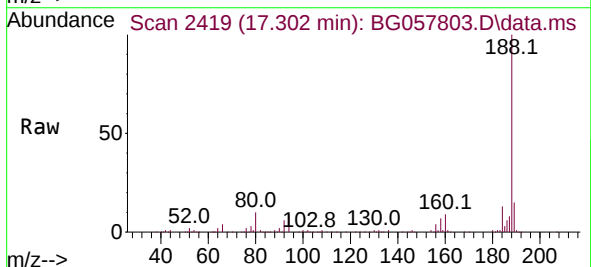
APPROVED

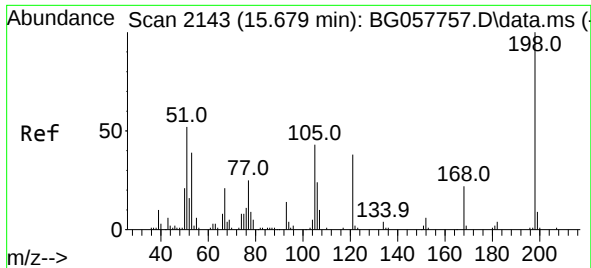
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.302 min Scan# 2419
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:188 Resp: 304503
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.278 ng
RT: 15.681 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

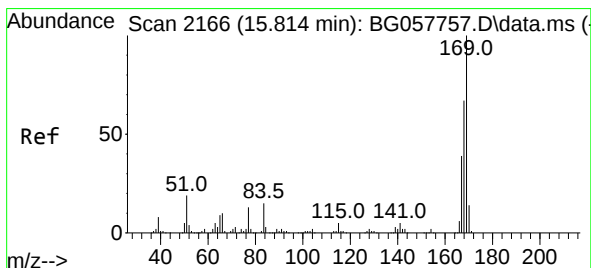
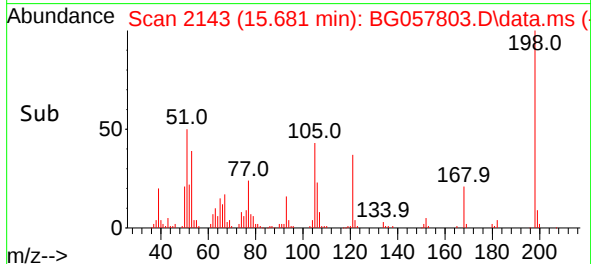
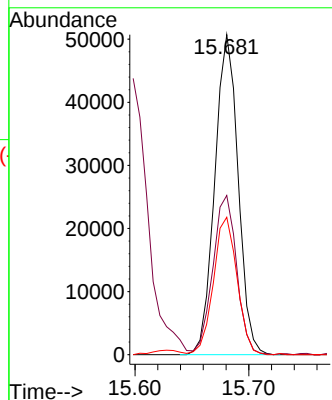
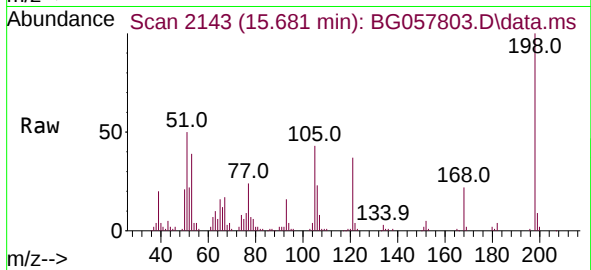
ClientSampleId :

PB153645BS

Tgt Ion:198 Resp: 7230
Ion Ratio Lower Upper
198 100
51 49.7 36.6 76.6
105 42.9 24.3 64.3

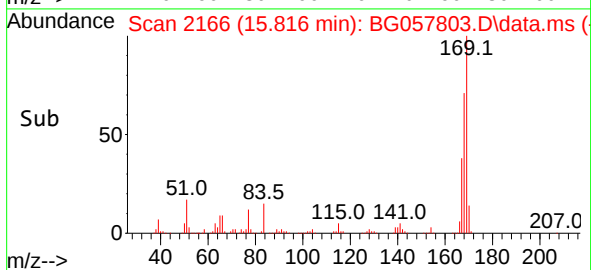
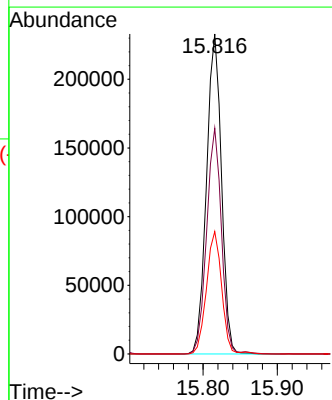
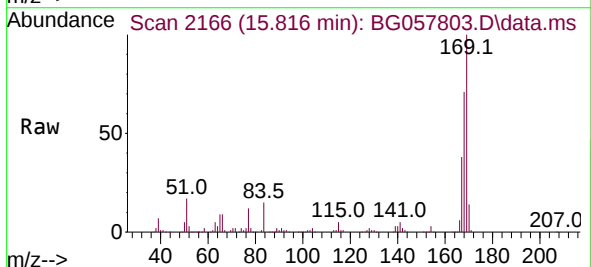
Manual Integrations
APPROVED

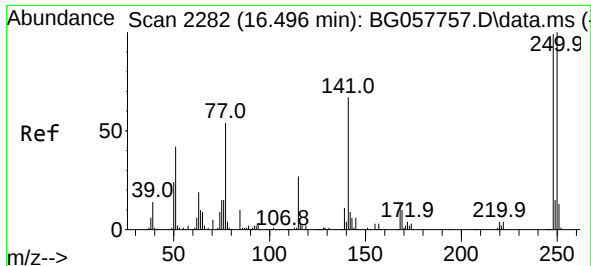
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 40.583 ng
RT: 15.816 min Scan# 2166
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:169 Resp: 326152
Ion Ratio Lower Upper
169 100
168 70.5 53.4 80.2
167 38.3 31.2 46.8





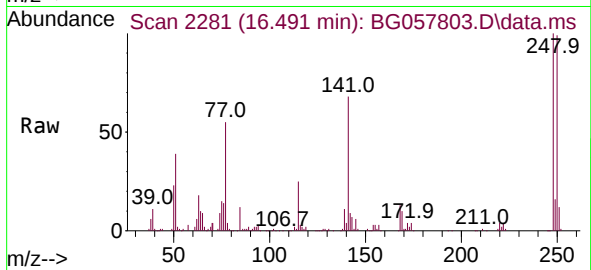
#67
4-Bromophenyl-phenylether
Concen: 40.363 ng
RT: 16.491 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

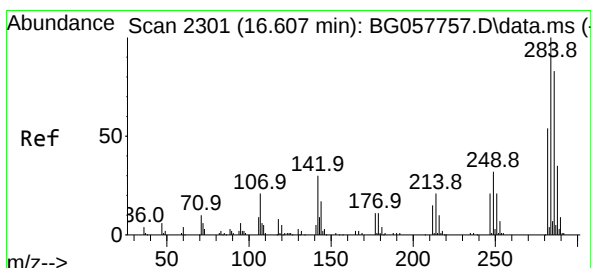
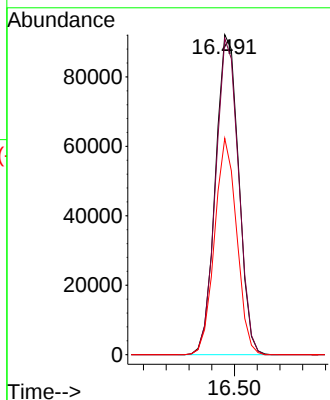
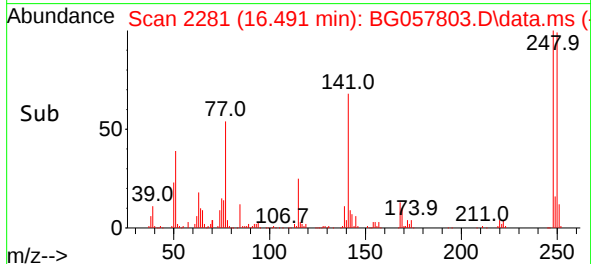


Tgt Ion:248 Resp: 13034
Ion Ratio Lower Upper
248 100
250 98.8 81.1 121.7
141 67.6 54.6 81.8

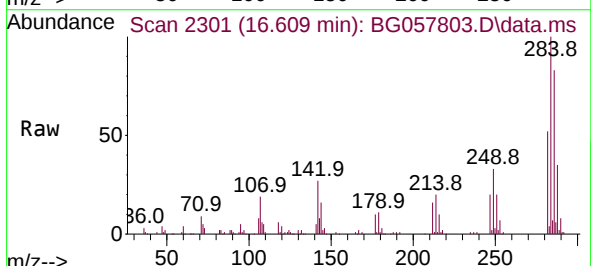
Manual Integrations

APPROVED

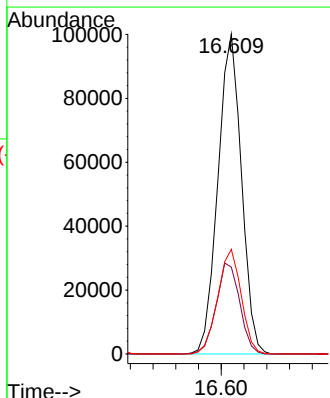
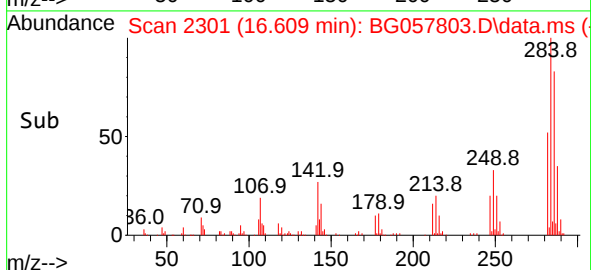
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

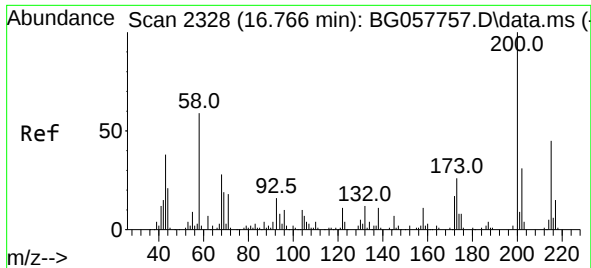


#68
Hexachlorobenzene
Concen: 43.602 ng
RT: 16.609 min Scan# 2301
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:284 Resp: 143544
Ion Ratio Lower Upper
284 100
142 27.2 24.2 36.4
249 32.7 25.9 38.9





#69
 Atrazine
 Concen: 45.383 ng
 RT: 16.762 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057803.D
 Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

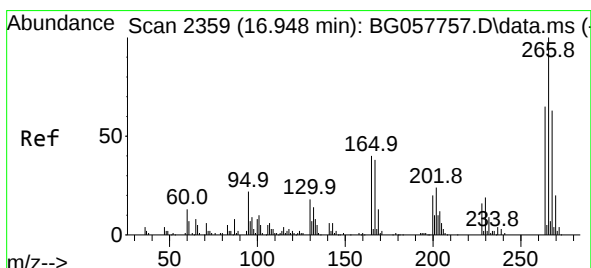
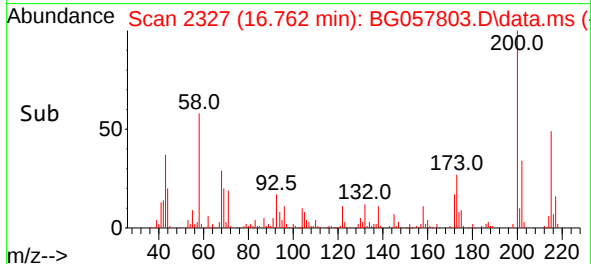
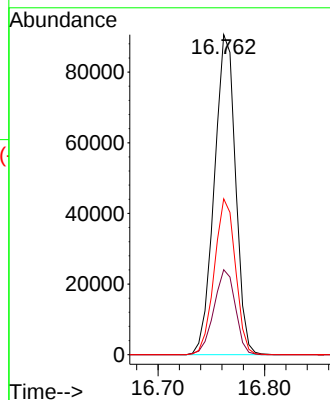
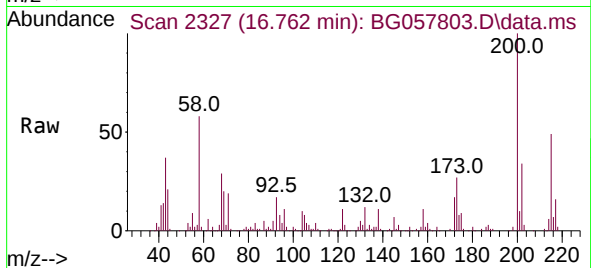
PB153645BS

Tgt Ion:200 Resp: 12520
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.6 45.6
 215 48.7 24.6 64.6

Manual Integrations

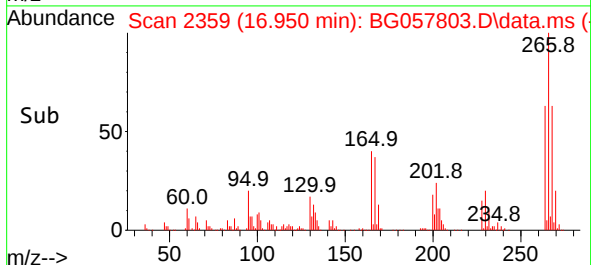
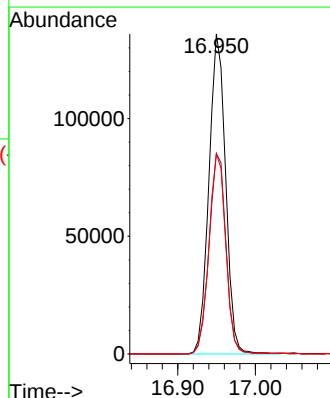
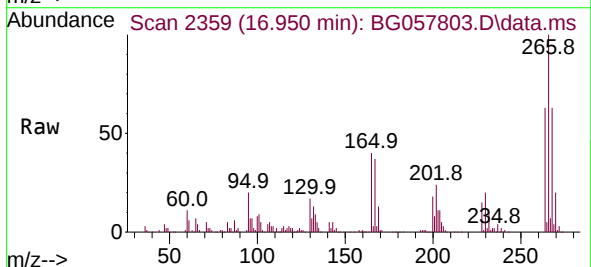
APPROVED

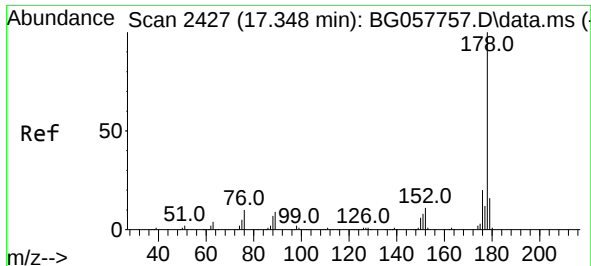
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#70
 Pentachlorophenol
 Concen: 83.637 ng
 RT: 16.950 min Scan# 2359
 Delta R.T. 0.002 min
 Lab File: BG057803.D
 Acq: 22 Jun 2023 10:00

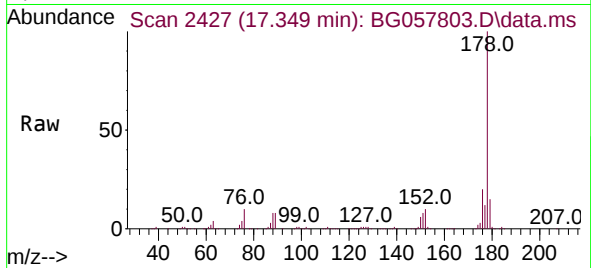
Tgt Ion:266 Resp: 203416
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.5 75.7
 264 62.5 51.8 77.6





#71
Phenanthrene
Concen: 41.024 ng
RT: 17.349 min Scan# 2427
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

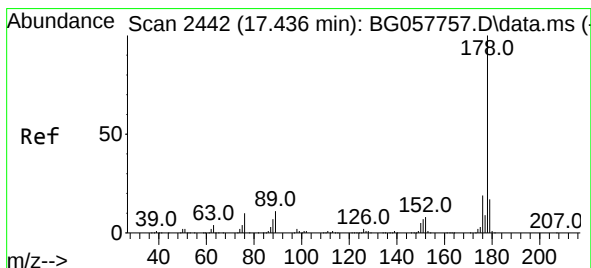
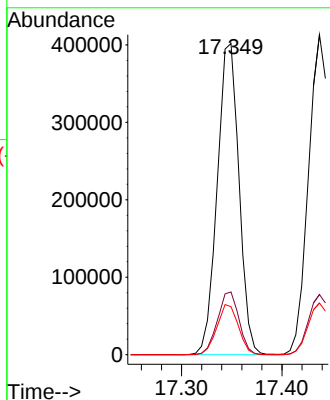
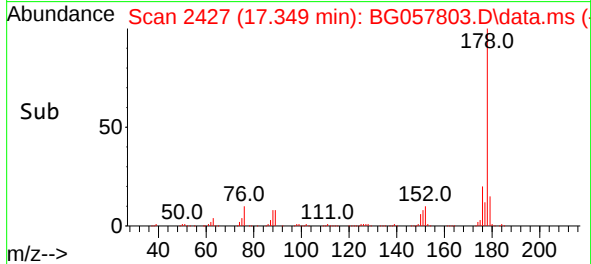
Instrument :
BNA_G
ClientSampleId :
PB153645BS



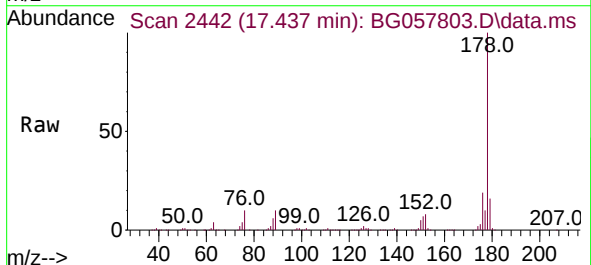
Tgt Ion:178 Resp: 604830
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 15.4 13.0 19.6

Manual Integrations
APPROVED

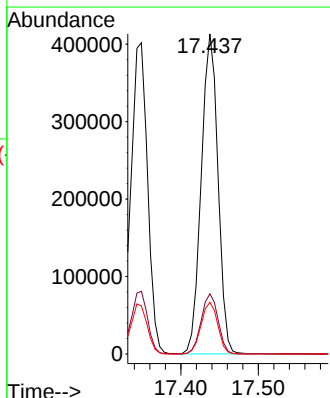
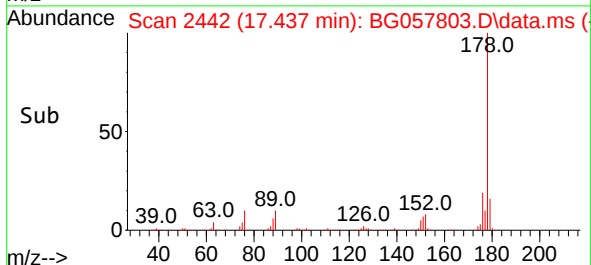
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

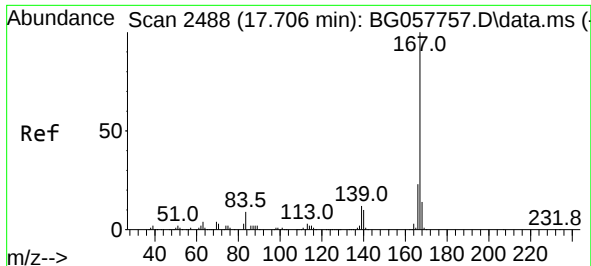


#72
Anthracene
Concen: 41.030 ng
RT: 17.437 min Scan# 2442
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



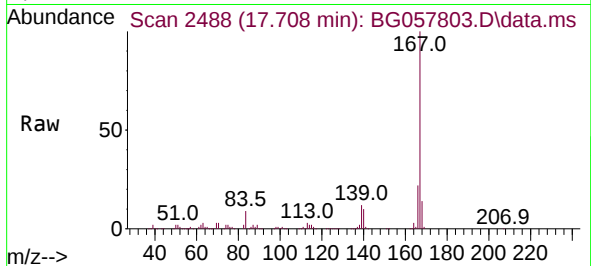
Tgt Ion:178 Resp: 617707
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 16.1 13.3 19.9





#73
 Carbazole
 Concen: 43.012 ng
 RT: 17.708 min Scan# 2488
 Delta R.T. 0.002 min
 Lab File: BG057803.D
 Acq: 22 Jun 2023 10:00

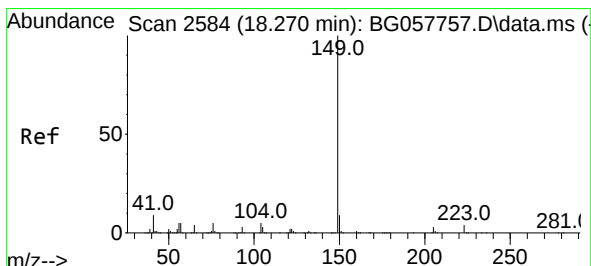
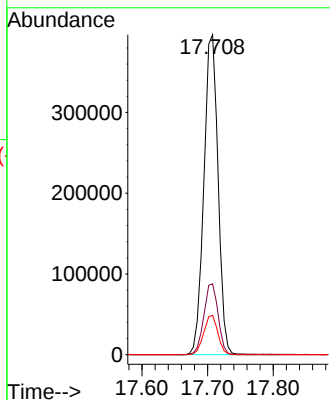
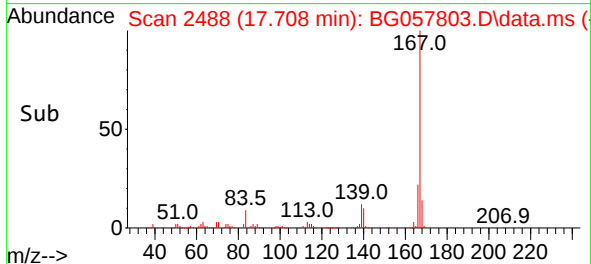
Instrument :
 BNA_G
 ClientSampleId :
 PB153645BS



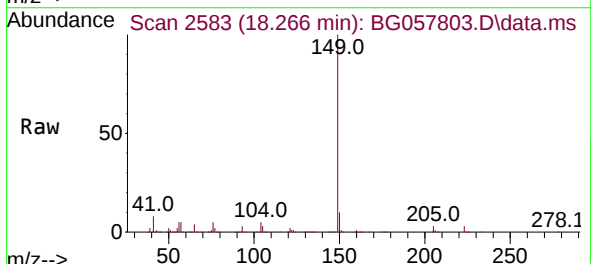
Tgt Ion:167 Resp: 59705
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 12.3 9.9 14.9

Manual Integrations
 APPROVED

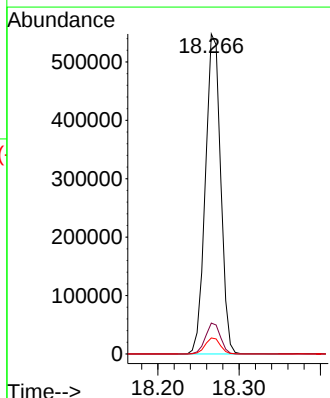
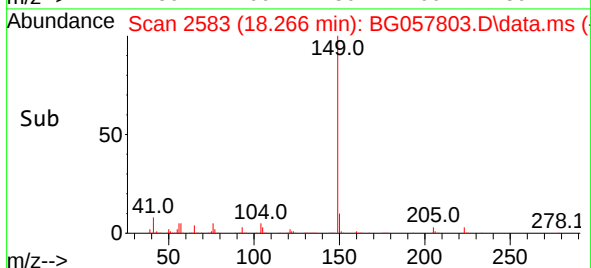
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

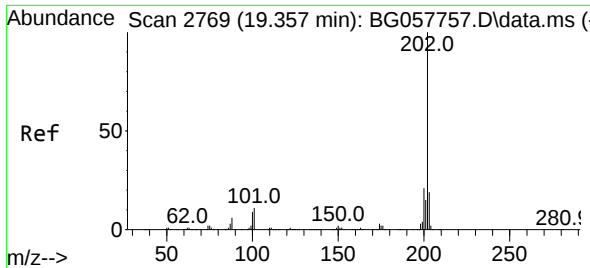


#74
 Di-n-butylphthalate
 Concen: 43.346 ng
 RT: 18.266 min Scan# 2583
 Delta R.T. -0.004 min
 Lab File: BG057803.D
 Acq: 22 Jun 2023 10:00



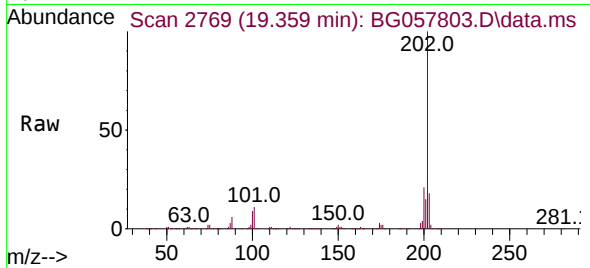
Tgt Ion:149 Resp: 712447
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 42.041 ng
RT: 19.359 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

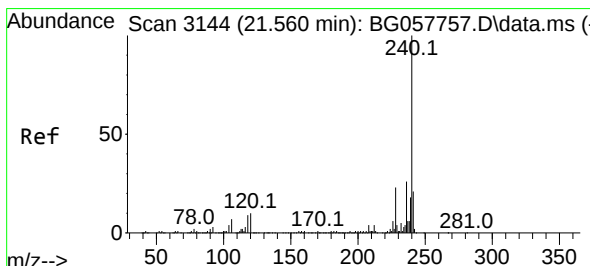
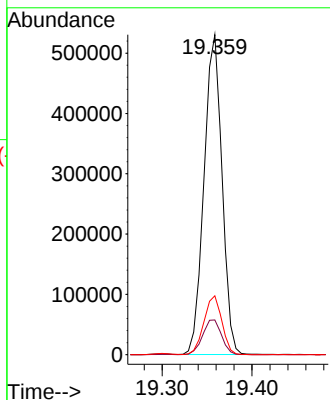
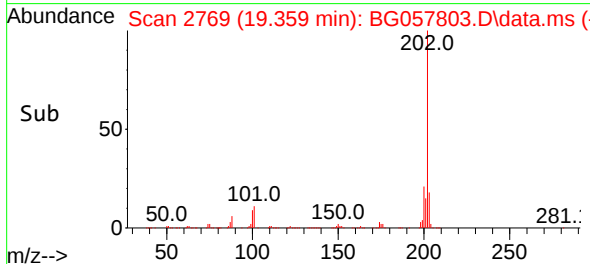
Instrument :
BNA_G
ClientSampleId :
PB153645BS



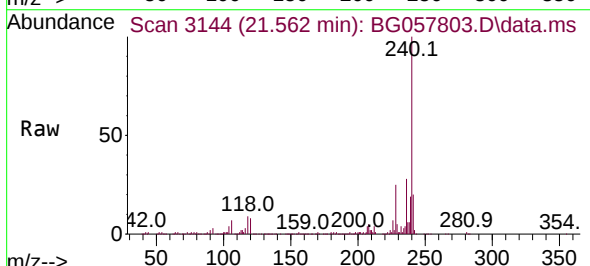
Tgt Ion:202 Resp: 73840
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 18.4 0.0 38.7

Manual Integrations
APPROVED

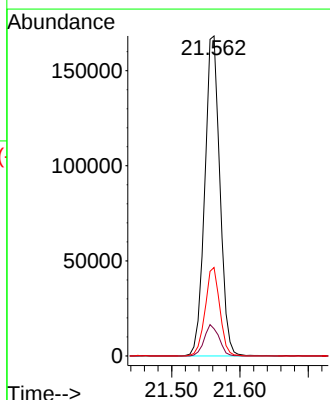
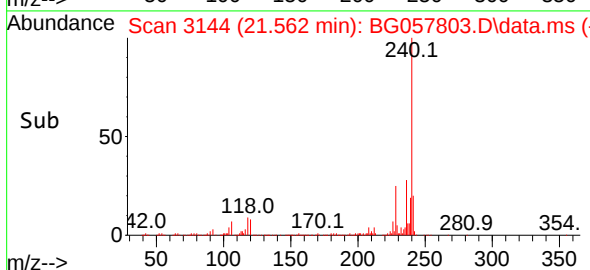
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

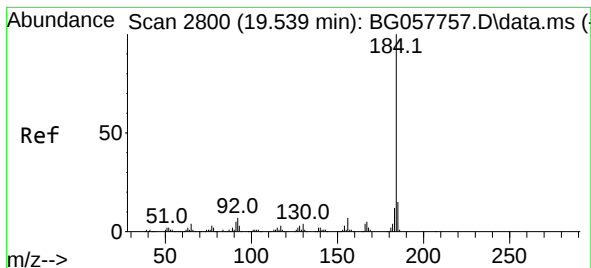


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3144
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:240 Resp: 258712
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 27.7 20.6 30.8





#77

Benzidine

Concen: 29.404 ng

RT: 19.535 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:184 Resp: 17832

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

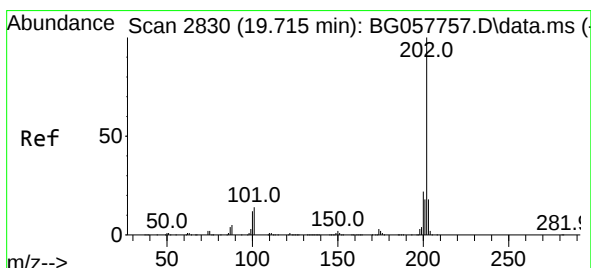
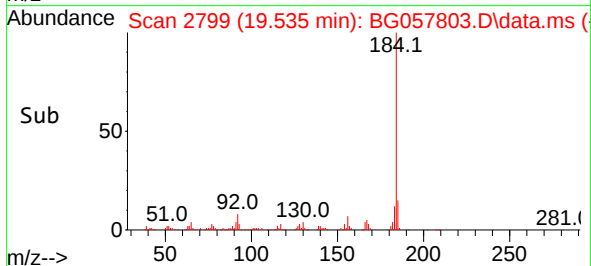
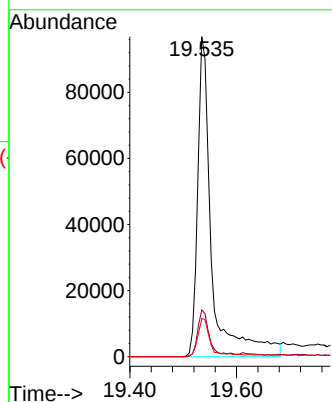
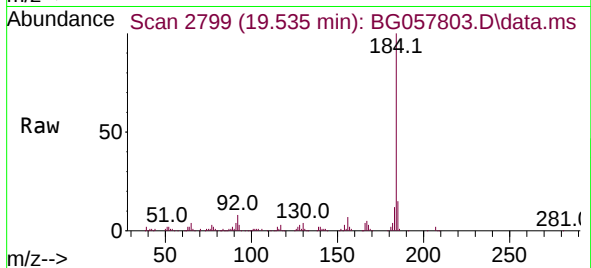
183 11.9 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#78

Pyrene

Concen: 41.119 ng

RT: 19.717 min Scan# 2830

Delta R.T. 0.002 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

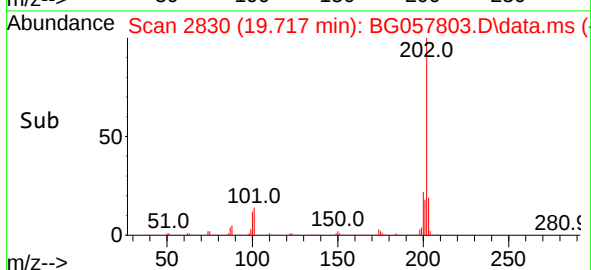
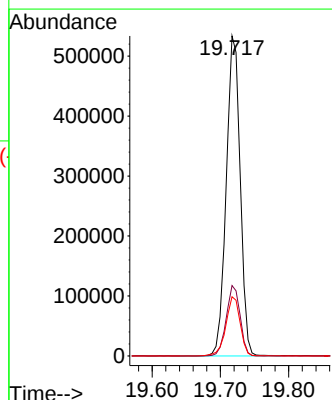
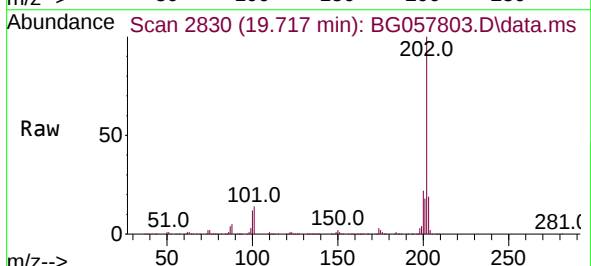
Tgt Ion:202 Resp: 758869

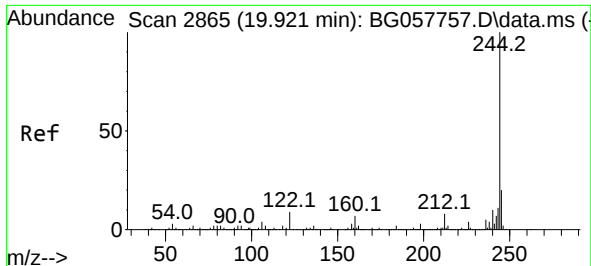
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.0

203 18.5 14.6 22.0





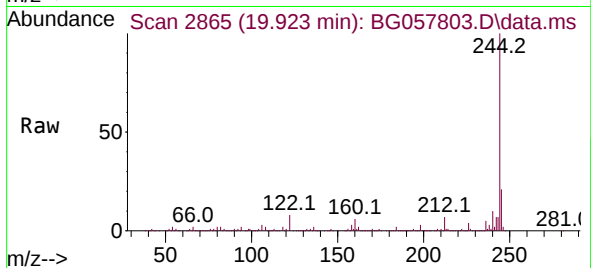
#79
 Terphenyl-d14
 Concen: 83.203 ng
 RT: 19.923 min Scan# 2865
 Delta R.T. 0.002 min
 Lab File: BG057803.D
 Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

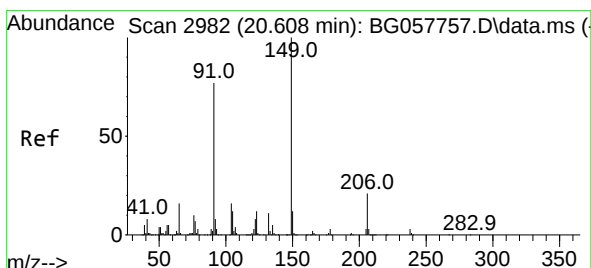
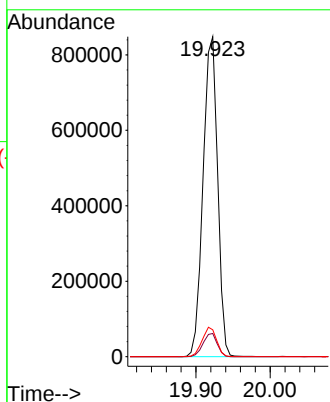
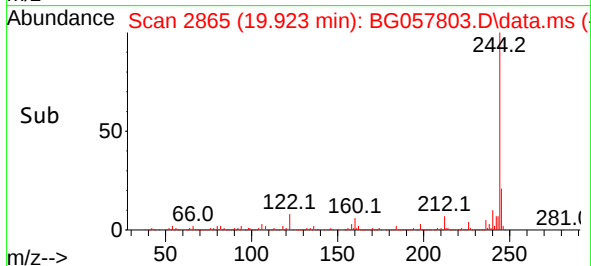


Tgt Ion:244 Resp: 1154389
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.4 7.6 11.4

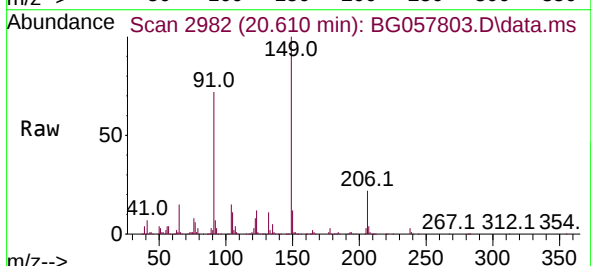
Manual Integrations

APPROVED

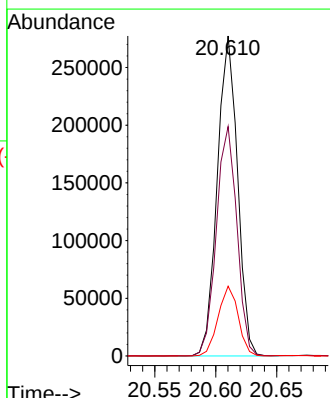
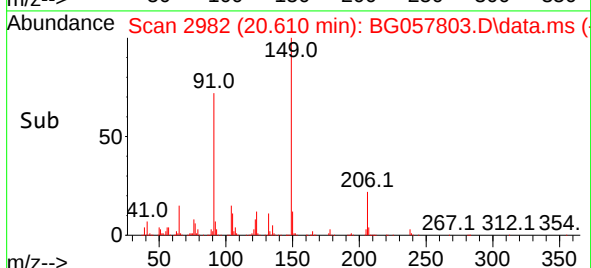
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

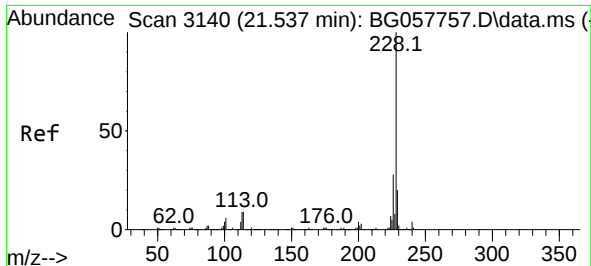


#80
 Butylbenzylphthalate
 Concen: 45.716 ng
 RT: 20.610 min Scan# 2982
 Delta R.T. 0.002 min
 Lab File: BG057803.D
 Acq: 22 Jun 2023 10:00



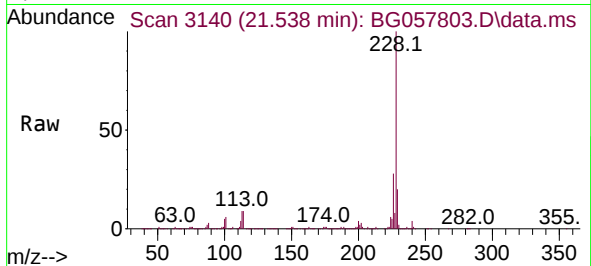
Tgt Ion:149 Resp: 320948
 Ion Ratio Lower Upper
 149 100
 91 71.7 61.7 92.5
 206 21.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 43.112 ng
RT: 21.538 min Scan# 3140
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

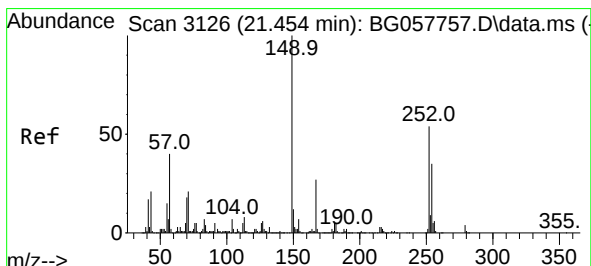
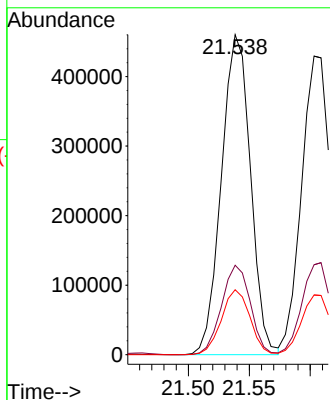
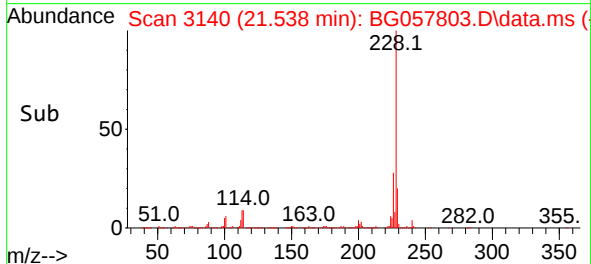
Instrument :
BNA_G
ClientSampleId :
PB153645BS



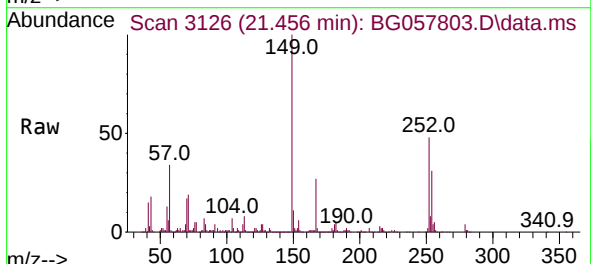
Tgt Ion:228 Resp: 765240
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.3 16.3 24.5

Manual Integrations
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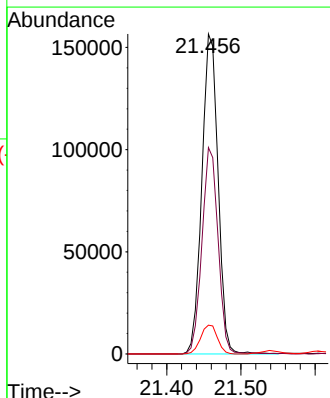
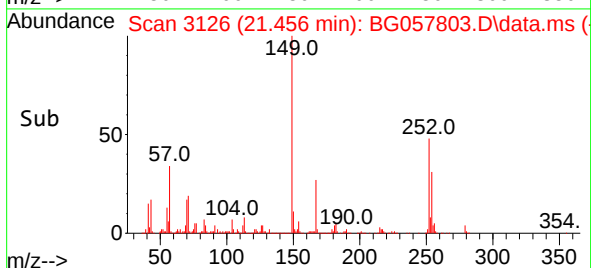
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

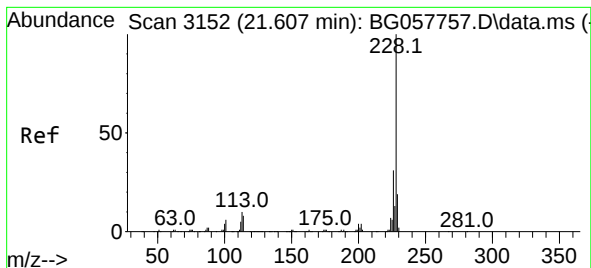


#82
3,3'-Dichlorobenzidine
Concen: 39.444 ng
RT: 21.456 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00



Tgt Ion:252 Resp: 238127
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.6
126 9.0 7.0 10.6





#83

Chrysene

Concen: 41.750 ng

RT: 21.603 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

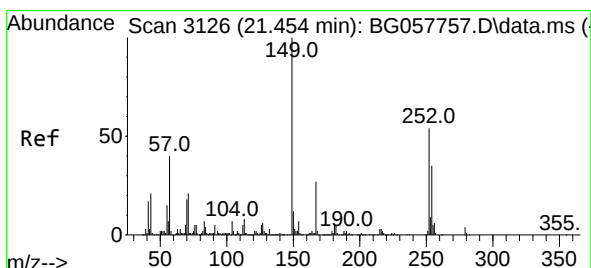
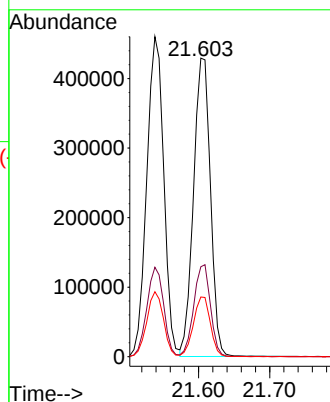
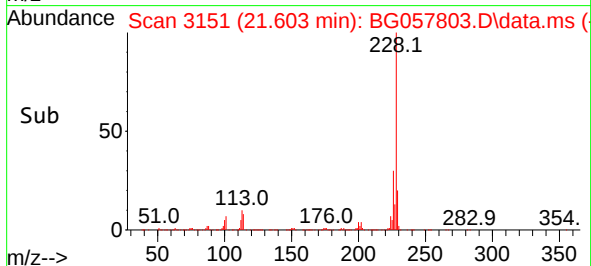
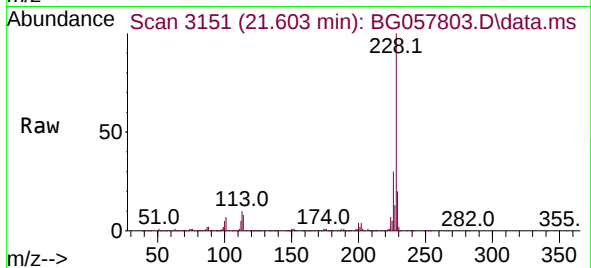
PB153645BS

Tgt Ion:228 Resp: 711200
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 20.0 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.158 ng

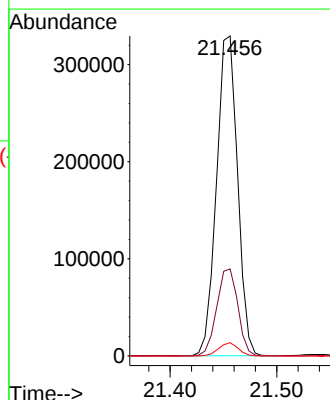
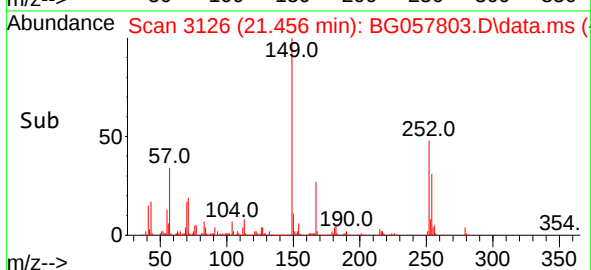
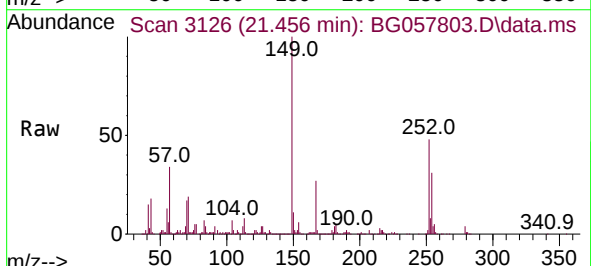
RT: 21.456 min Scan# 3126

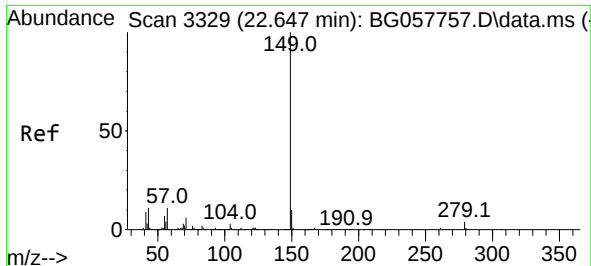
Delta R.T. 0.002 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

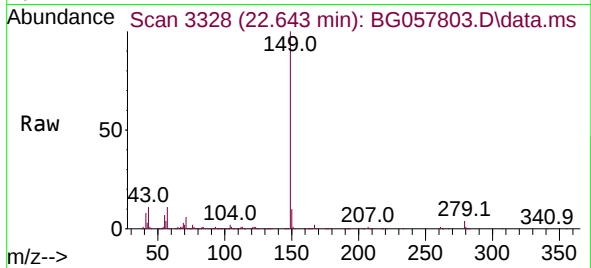
Tgt Ion:149 Resp: 450101
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 46.084 ng
RT: 22.643 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

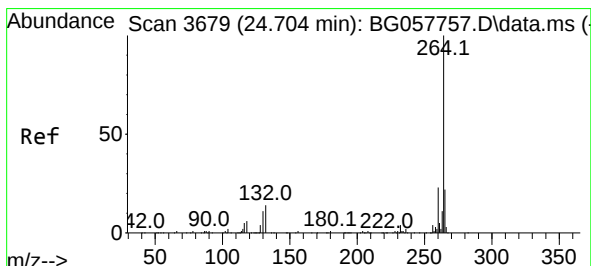
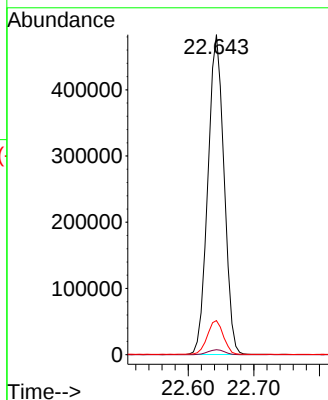
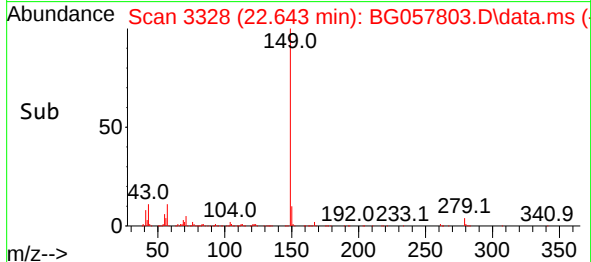
Instrument :
BNA_G
ClientSampleId :
PB153645BS



Tgt Ion:149 Resp: 82389
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 9.6 14.4

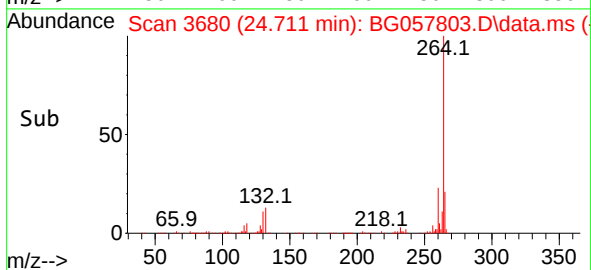
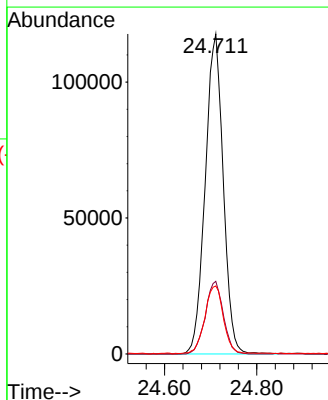
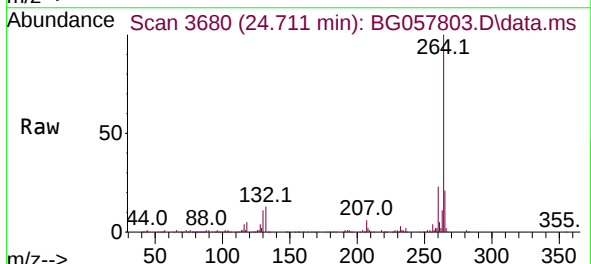
Manual Integrations
APPROVED

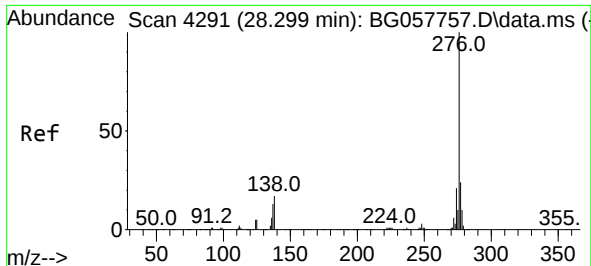
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.711 min Scan# 3680
Delta R.T. 0.008 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:264 Resp: 319433
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.3 17.4 26.2





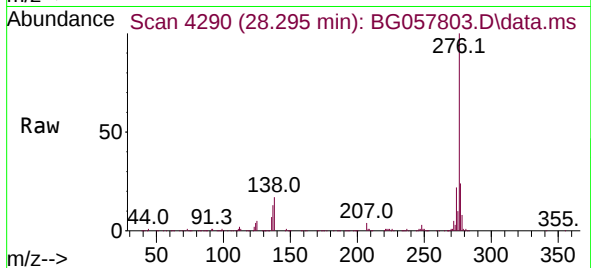
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.675 ng
RT: 28.295 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

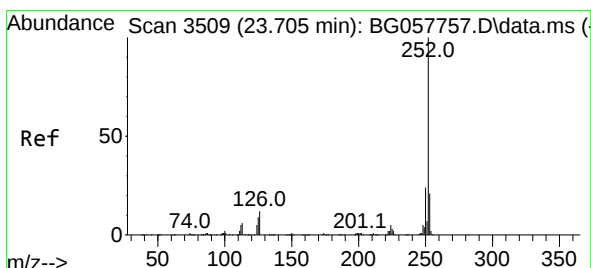
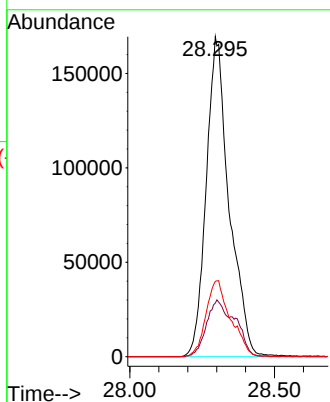
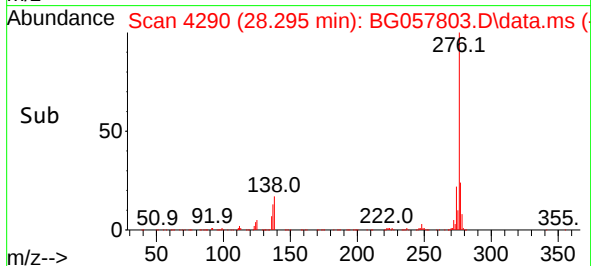


Tgt Ion:276 Resp: 933040
Ion Ratio Lower Upper
276 100
138 22.0 11.3 16.9
277 25.5 20.4 30.6

Manual Integrations

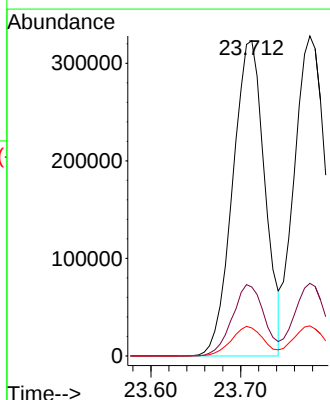
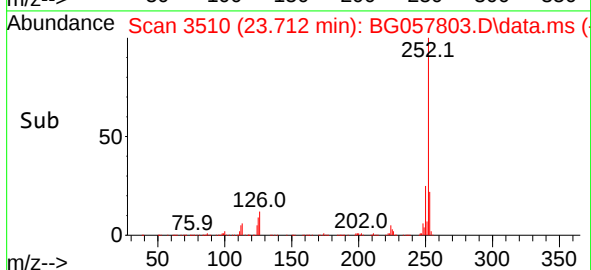
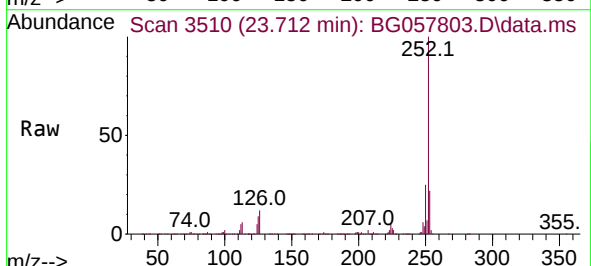
APPROVED

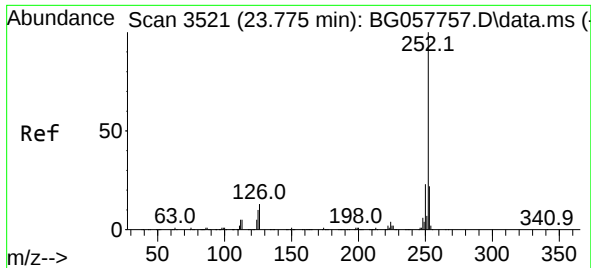
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#88
Benzo(b)fluoranthene
Concen: 45.791 ng
RT: 23.712 min Scan# 3510
Delta R.T. 0.008 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:252 Resp: 801551
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 8.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 44.341 ng
RT: 23.777 min Scan# 3521
Delta R.T. 0.002 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

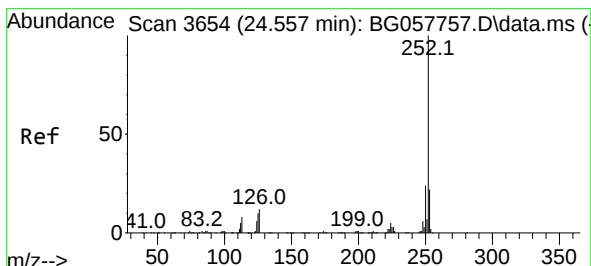
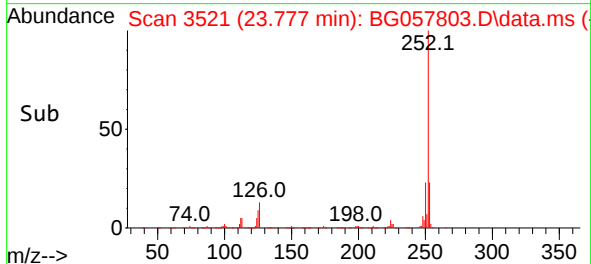
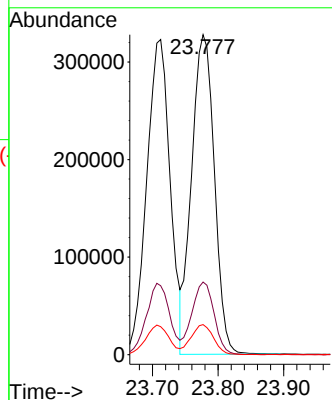
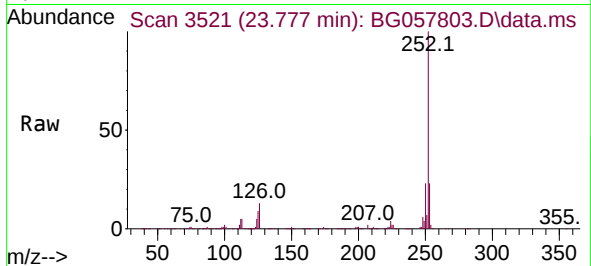
PB153645BS

Tgt Ion:252 Resp: 790514
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 9.4 7.6 11.4

Manual Integrations

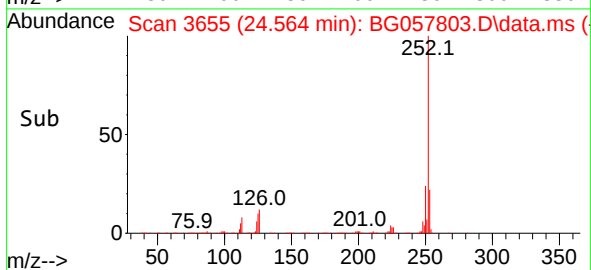
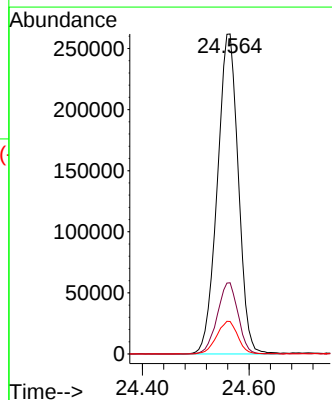
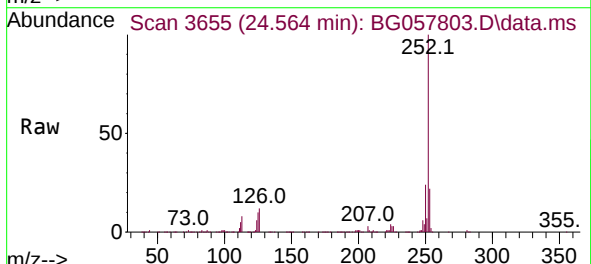
APPROVED

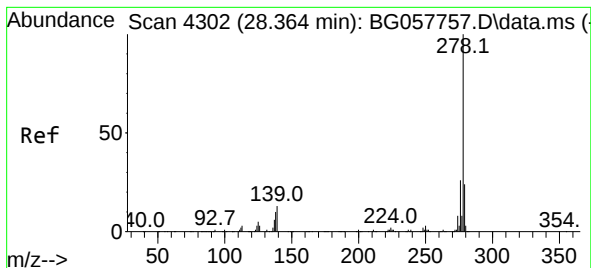
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 41.559 ng
RT: 24.564 min Scan# 3655
Delta R.T. 0.008 min
Lab File: BG057803.D
Acq: 22 Jun 2023 10:00

Tgt Ion:252 Resp: 714443
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.070 ng

RT: 28.366 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Instrument :

BNA_G

ClientSampleId :

PB153645BS

Tgt Ion:278 Resp: 781000

Ion Ratio Lower Upper

278 100

139 14.4 10.8 16.2

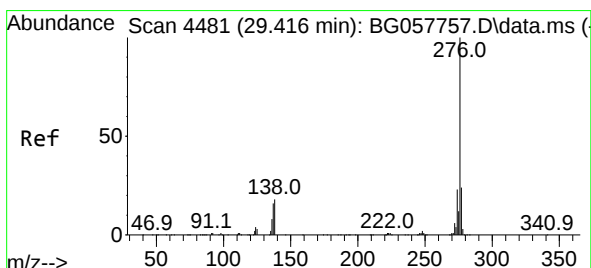
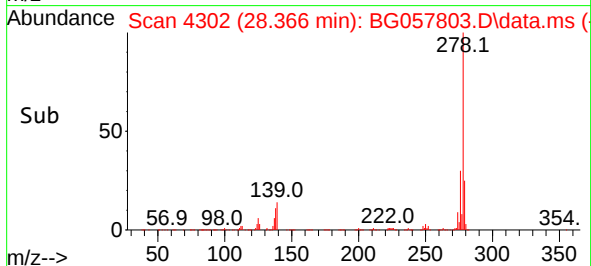
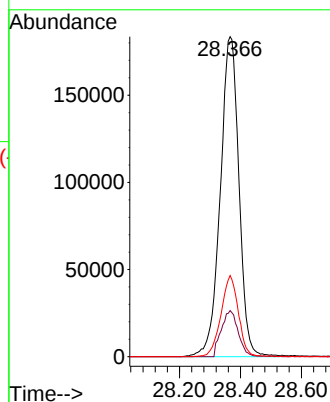
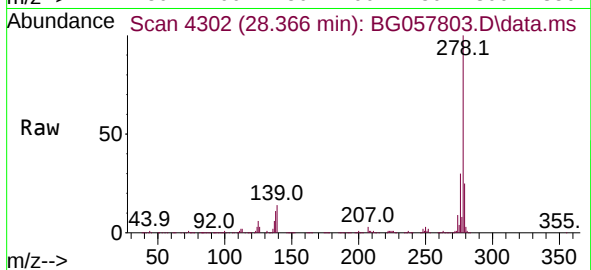
279 25.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#92

Benzo(g,h,i)perylene

Concen: 43.925 ng

RT: 29.429 min Scan# 4483

Delta R.T. 0.013 min

Lab File: BG057803.D

Acq: 22 Jun 2023 10:00

Tgt Ion:276 Resp: 762143

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 18.7 14.2 21.4

