

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057835.D
 Acq On : 23 Jun 2023 9:53
 Operator : CG/JU
 Sample : PB153685BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153685BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 12:13:15 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	36539	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	171329	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	126040	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	317645	20.000	ng	0.00
76) Chrysene-d12	21.560	240	266604	20.000	ng	0.00
86) Perylene-d12	24.709	264	326593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	331308	139.808	ng	0.00
7) Phenol-d6	7.089	99	471929	130.517	ng	0.00
23) Nitrobenzene-d5	9.087	82	270656	81.078	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	233750	133.136	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	636468	76.591	ng	0.00
79) Terphenyl-d14	19.921	244	1196277	83.669	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	36375	33.721	ng	97
3) Pyridine	3.787	79	92655	28.202	ng	93
4) n-Nitrosodimethylamine	3.705	42	55106	36.708	ng	89
6) Aniline	7.248	93	131329	28.366	ng	95
8) 2-Chlorophenol	7.489	128	124106	50.908	ng	97
9) Benzaldehyde	7.060	77	21205m	9.327	ng	
10) Phenol	7.112	94	179527	50.427	ng	97
11) bis(2-Chloroethyl)ether	7.342	93	116303	42.489	ng	98
12) 1,3-Dichlorobenzene	7.812	146	109604	44.178	ng	96
13) 1,4-Dichlorobenzene	7.959	146	112754	44.853	ng	97
14) 1,2-Dichlorobenzene	8.276	146	111836	45.976	ng	95
15) Benzyl Alcohol	8.158	79	124234	44.934	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	197253m	37.513	ng	
17) 2-Methylphenol	8.364	107	121117	46.255	ng	96
18) Hexachloroethane	9.004	117	39334	44.374	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	100747	39.965	ng	94
20) 3+4-Methylphenols	8.687	107	167286	46.250	ng	97
22) Acetophenone	8.746	105	197464	41.100	ng	# 97
24) Nitrobenzene	9.128	77	147159	42.357	ng	94
25) Isophorone	9.651	82	300120	39.351	ng	98
26) 2-Nitrophenol	9.839	139	63902	57.813	ng	97
27) 2,4-Dimethylphenol	9.897	122	129389	47.281	ng	97
28) bis(2-Chloroethoxy)met...	10.132	93	173351	42.207	ng	98
29) 2,4-Dichlorophenol	10.373	162	125434	48.268	ng	98
30) 1,2,4-Trichlorobenzene	10.585	180	124841	43.098	ng	98
31) Naphthalene	10.779	128	376046	41.240	ng	99
32) Benzoic acid	10.033	122	107830	53.519	ng	99
33) 4-Chloroaniline	10.885	127	69011	16.334	ng	99
34) Hexachlorobutadiene	11.061	225	75206	42.556	ng	99
35) Caprolactam	11.660	113	49659m	47.092	ng	
36) 4-Chloro-3-methylphenol	12.007	107	159208	46.910	ng	98
37) 2-Methylnaphthalene	12.383	142	264755	39.833	ng	98
38) 1-Methylnaphthalene	12.606	142	253102	40.340	ng	99
40) 1,2,4,5-Tetrachloroben...	12.753	216	149348	42.742	ng	99
41) Hexachlorocyclopentadiene	12.735	237	198531	107.021	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	116574	46.594	ng	97

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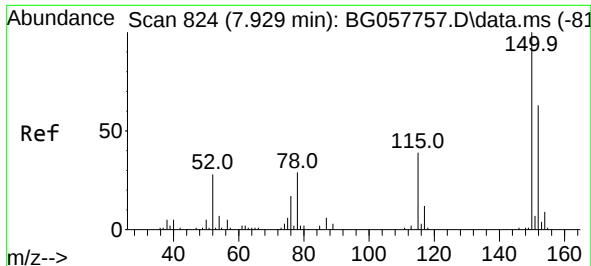
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

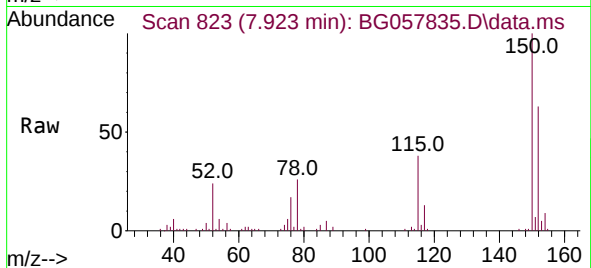
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	127883	43.850	ng	95
46) 1,1'-Biphenyl	13.393	154	364417	42.108	ng	99
47) 2-Chloronaphthalene	13.434	162	282366	42.470	ng	98
48) 2-Nitroaniline	13.634	65	111582	47.226	ng	98
49) Acenaphthylene	14.281	152	470024	41.187	ng	99
50) Dimethylphthalate	14.016	163	400363	41.357	ng	99
51) 2,6-Dinitrotoluene	14.134	165	88389	49.583	ng	92
52) Acenaphthene	14.621	154	335038m	47.423	ng	
53) 3-Nitroaniline	14.463	138	55881	27.816	ng	100
54) 2,4-Dinitrophenol	14.668	184	109477	113.009	ng	96
55) Dibenzofuran	14.956	168	465682	40.994	ng	99
56) 4-Nitrophenol	14.768	139	164054	102.755	ng	96
57) 2,4-Dinitrotoluene	14.921	165	127230	52.630	ng	# 94
58) Fluorene	15.608	166	371670	41.333	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	118033	47.491	ng	98
60) Diethylphthalate	15.379	149	415016	41.788	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	199046	41.630	ng	97
62) 4-Nitroaniline	15.626	138	93240	45.526	ng	97
63) Azobenzene	15.890	77	401088	39.481	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	77487	52.537	ng	93
66) n-Nitrosodiphenylamine	15.814	169	339922	40.546	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	139100	41.292	ng	96
68) Hexachlorobenzene	16.607	284	154219	44.907	ng	97
69) Atrazine	16.760	200	130969	45.509	ng	98
70) Pentachlorophenol	16.948	266	212975	83.944	ng	99
71) Phenanthrene	17.348	178	625692	40.683	ng	99
72) Anthracene	17.436	178	639011	40.689	ng	99
73) Carbazole	17.706	167	613487	42.367	ng	100
74) Di-n-butylphthalate	18.264	149	742041	43.279	ng	100
75) Fluoranthene	19.357	202	761477	41.561	ng	99
77) Benzidine	19.533	184	159021m	25.445	ng	
78) Pyrene	19.715	202	776942	40.853	ng	99
80) Butylbenzylphthalate	20.608	149	325263	44.959	ng	95
81) Benzo(a)anthracene	21.537	228	775653	42.405	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	240530	38.662	ng	100
83) Chrysene	21.601	228	718604	40.936	ng	98
84) Bis(2-ethylhexyl)phtha...	21.449	149	460045	43.797	ng	100
85) Di-n-octyl phthalate	22.635	149	836840	45.422	ng	97
87) Indeno(1,2,3-cd)pyrene	28.305	276	954773	44.714	ng	99
88) Benzo(b)fluoranthene	23.711	252	806602	45.069	ng	98
89) Benzo(k)fluoranthene	23.775	252	797896	43.774	ng	100
90) Benzo(a)pyrene	24.563	252	726024	41.306	ng	99
91) Dibenzo(a,h)anthracene	28.370	278	798253	45.056	ng	98
92) Benzo(g,h,i)perylene	29.433	276	779421	43.936	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

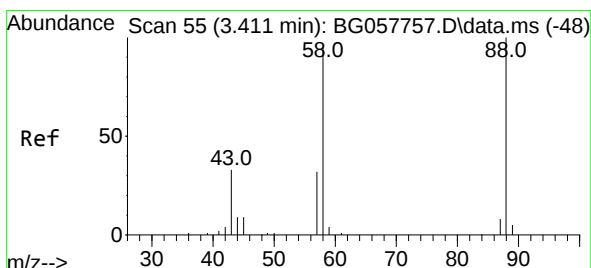
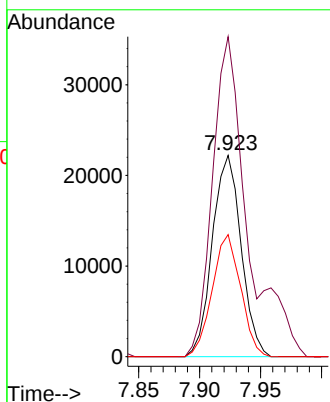
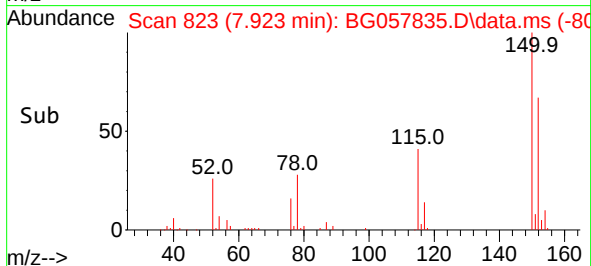
Instrument :
BNA_G
ClientSampleId :
PB153685BS



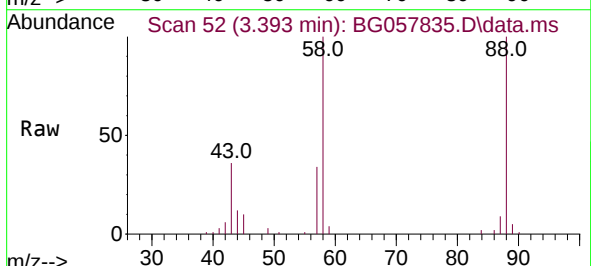
Tgt Ion:152 Resp: 3653
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 60.7 48.9 73.3

Manual Integrations
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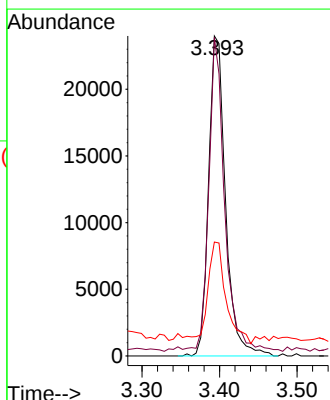
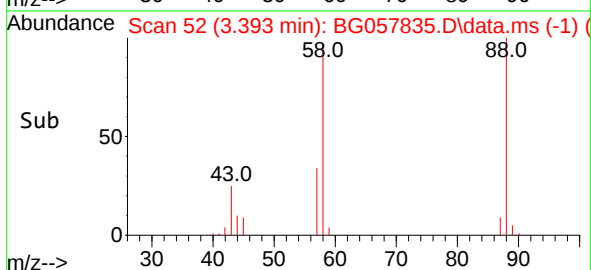
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

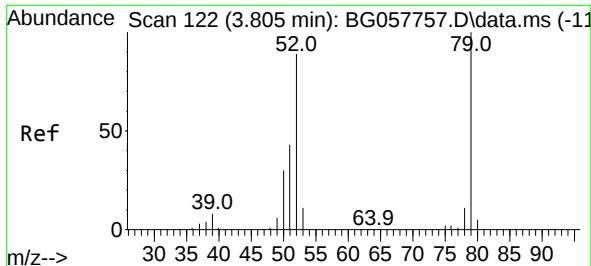


#2
1,4-Dioxane
Concen: 33.721 ng
RT: 3.393 min Scan# 52
Delta R.T. -0.018 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion: 88 Resp: 36375
Ion Ratio Lower Upper
88 100
58 91.7 76.2 114.4
43 33.9 26.3 39.5





#3
Pyridine
Concen: 28.202 ng
RT: 3.787 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

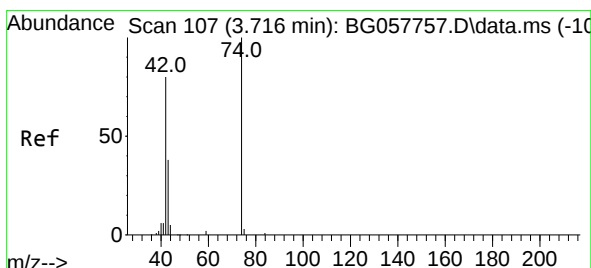
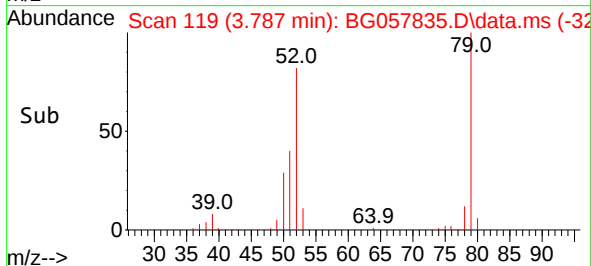
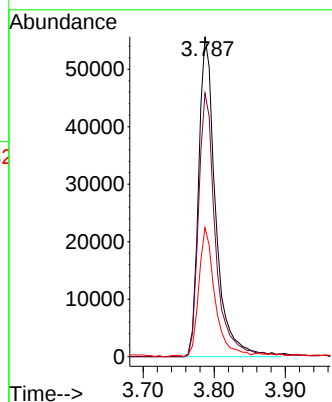
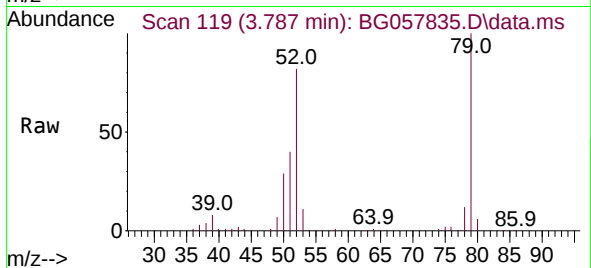
PB153685BS

Tgt Ion: 79 Resp: 9265
Ion Ratio Lower Upper
79 100
52 82.3 71.4 107.0
51 40.3 34.9 52.3

Manual Integrations

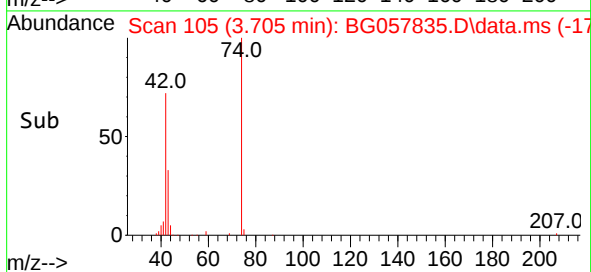
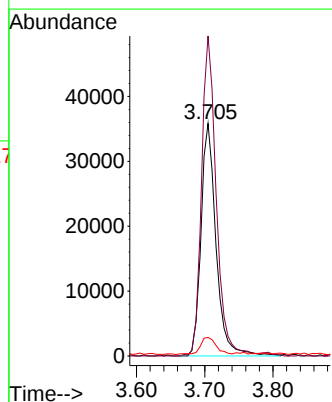
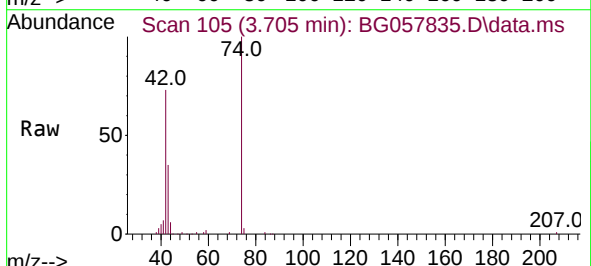
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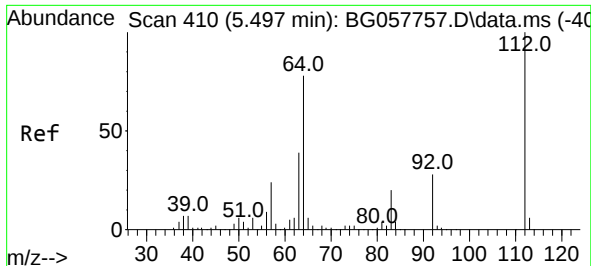
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#4
n-Nitrosodimethylamine
Concen: 36.708 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.011 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion: 42 Resp: 55106
Ion Ratio Lower Upper
42 100
74 137.7 99.9 149.9
44 8.0 6.0 9.0





#5
2-Fluorophenol
Concen: 139.808 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

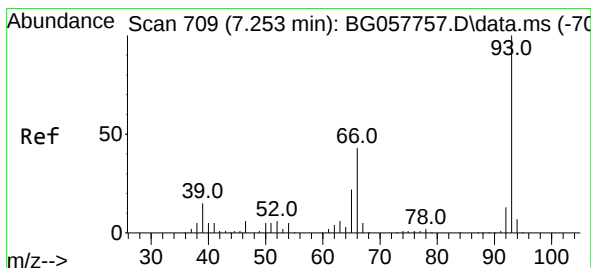
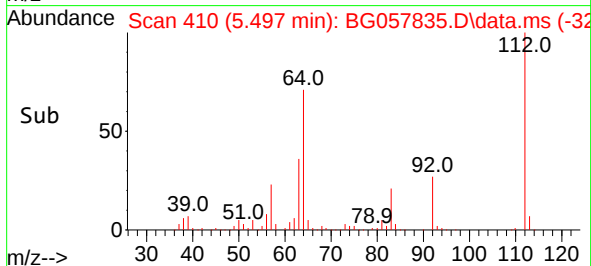
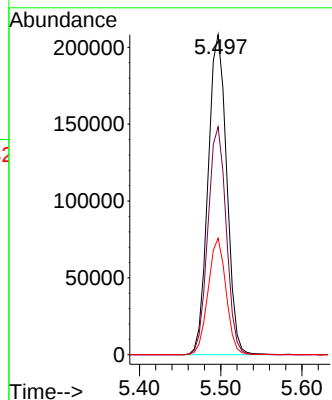
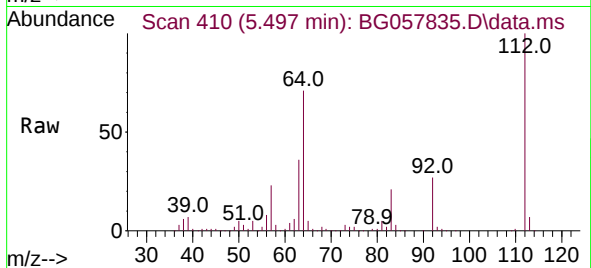
ClientSampleId :

PB153685BS

Tgt Ion:112 Resp: 331308
Ion Ratio Lower Upper
112 100
64 71.2 62.1 93.1
63 36.4 31.5 47.3

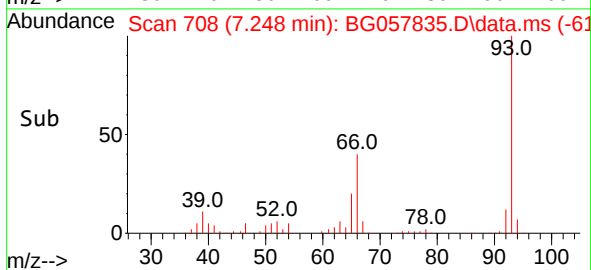
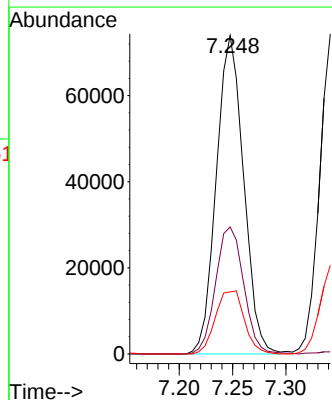
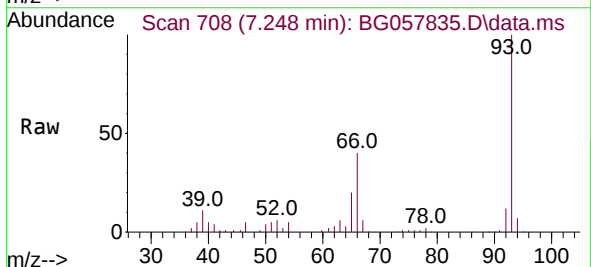
Manual Integrations
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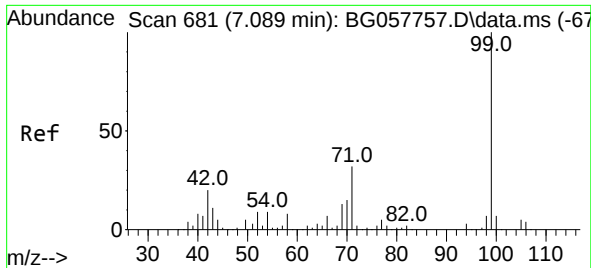
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#6
Aniline
Concen: 28.366 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

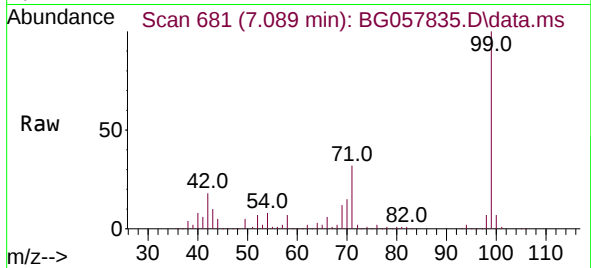
Tgt Ion: 93 Resp: 131329
Ion Ratio Lower Upper
93 100
66 39.9 34.5 51.7
65 19.5 17.4 26.2





#7
Phenol-d6
Concen: 130.517 ng
RT: 7.089 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

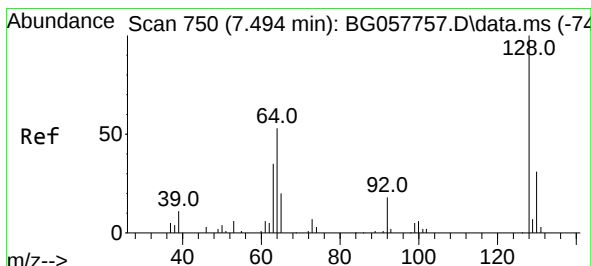
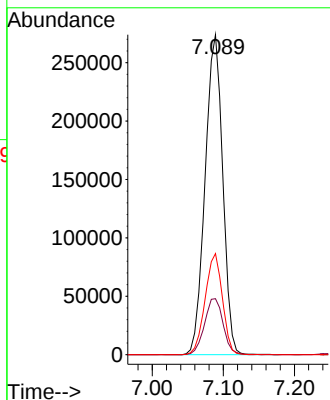
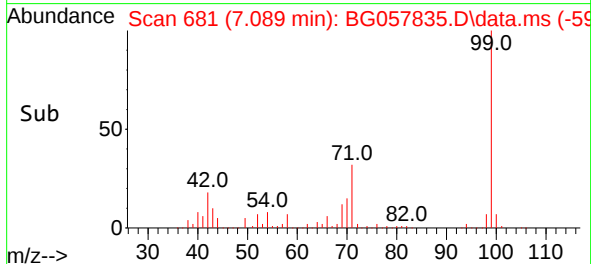
Instrument :
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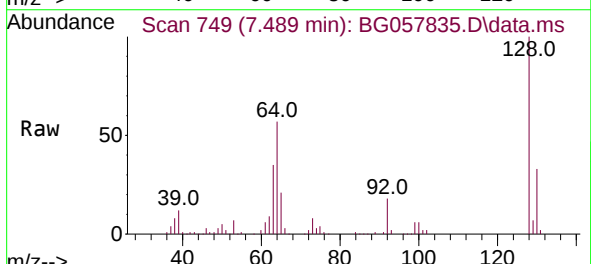
Tgt Ion: 99 Resp: 471929
Ion Ratio Lower Upper
99 100
42 17.5 16.4 24.6
71 31.6 25.8 38.6

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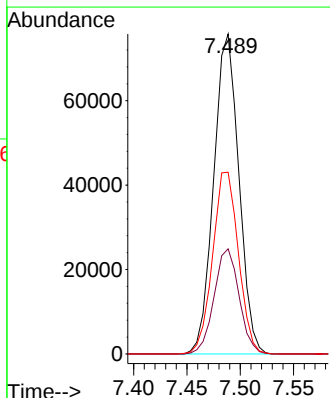
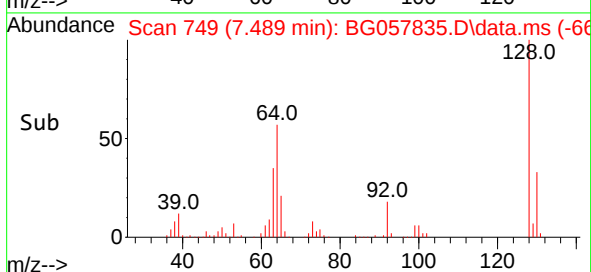
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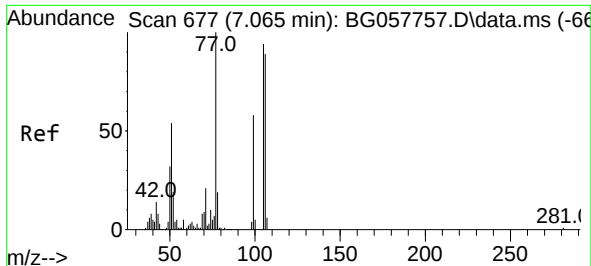


#8
2-Chlorophenol
Concen: 50.908 ng
RT: 7.489 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:128 Resp: 124106
Ion Ratio Lower Upper
128 100
130 32.9 10.6 50.6
64 56.8 39.1 79.1





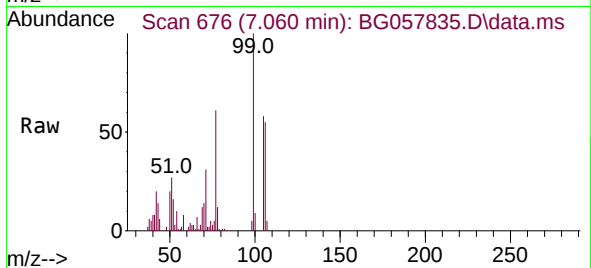
#9
Benzaldehyde
Concen: 9.327 ng m
RT: 7.060 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

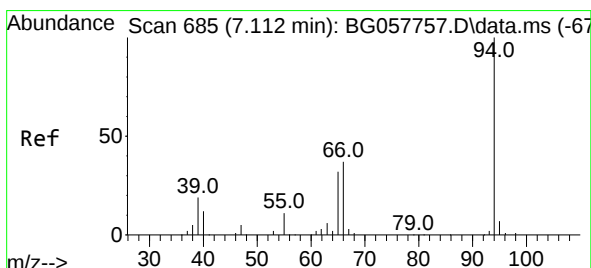
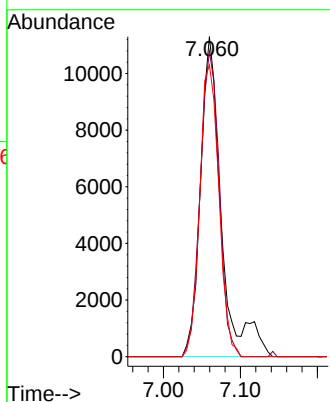
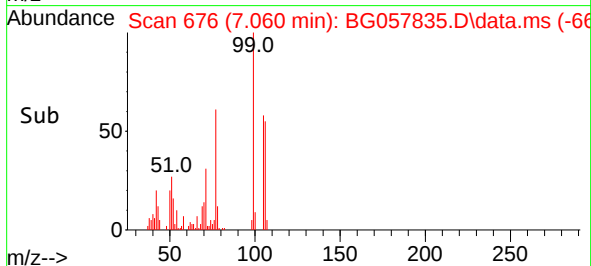


Tgt Ion: 77 Resp: 2120
Ion Ratio Lower Upper
77 100
105 95.5 73.7 113.7
106 91.2 69.0 109.0

Manual Integrations

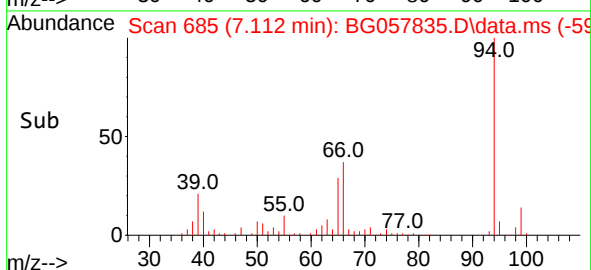
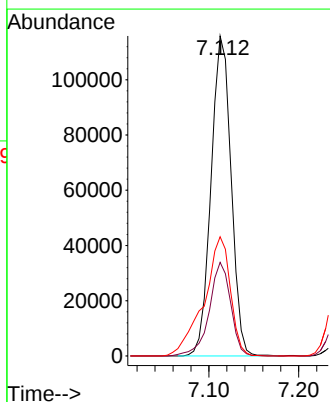
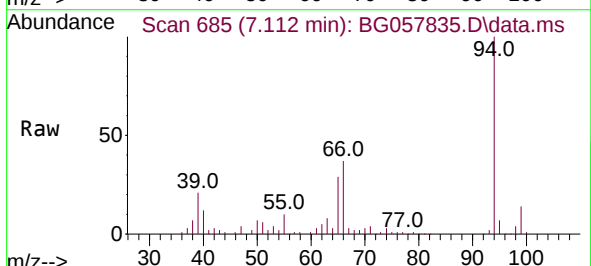
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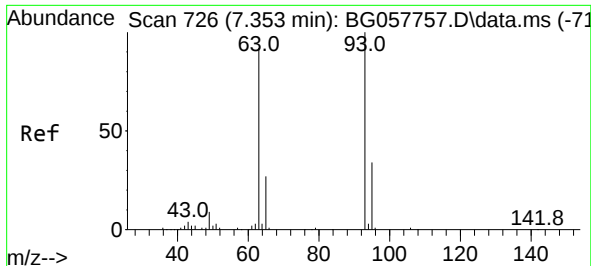
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Phenol
Concen: 50.427 ng
RT: 7.112 min Scan# 685
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion: 94 Resp: 179527
Ion Ratio Lower Upper
94 100
65 29.3 12.2 52.2
66 37.2 18.3 58.3





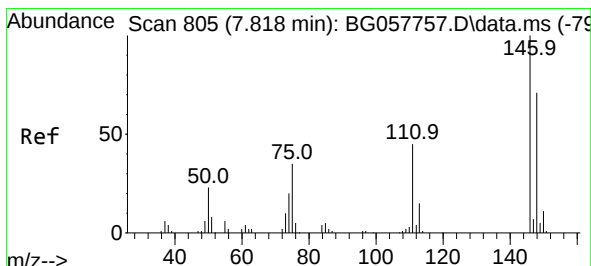
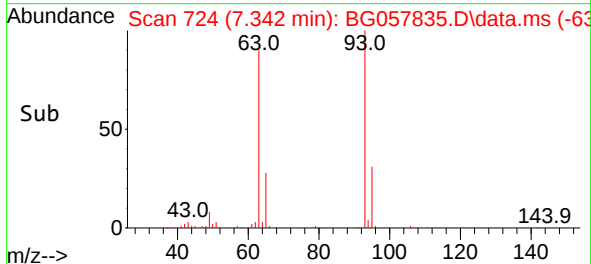
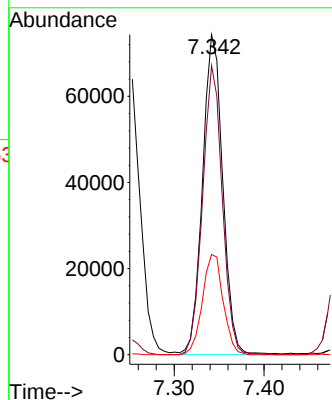
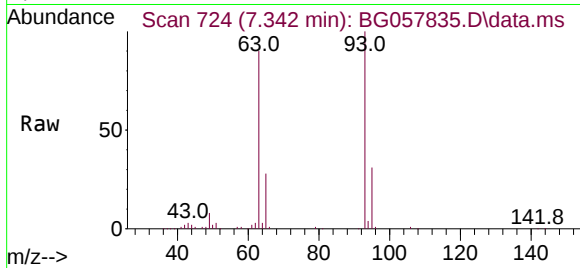
#11
bis(2-Chloroethyl)ether
Concen: 42.489 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PB153685BS

Tgt Ion: 93 Resp: 11630
Ion Ratio Lower Upper
93 100
63 90.3 71.2 111.2
95 31.3 14.2 54.2

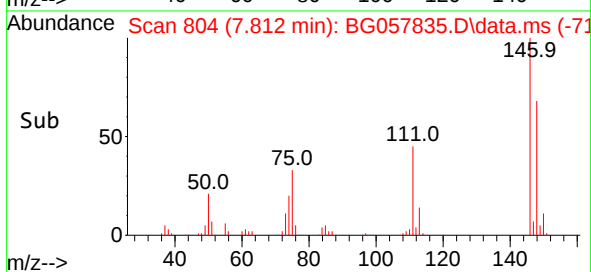
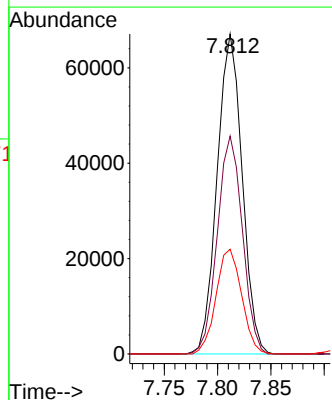
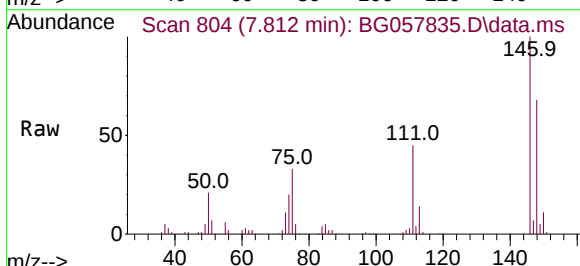
Manual Integrations
APPROVED

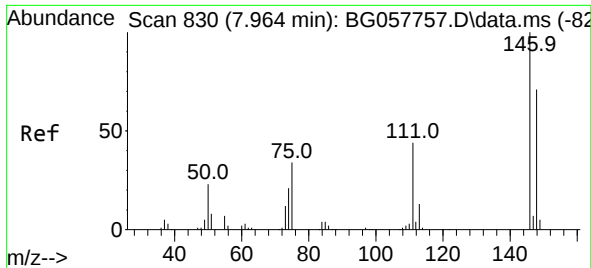
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#12
1,3-Dichlorobenzene
Concen: 44.178 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:146 Resp: 109604
Ion Ratio Lower Upper
146 100
148 68.1 57.0 85.6
75 32.7 27.8 41.8





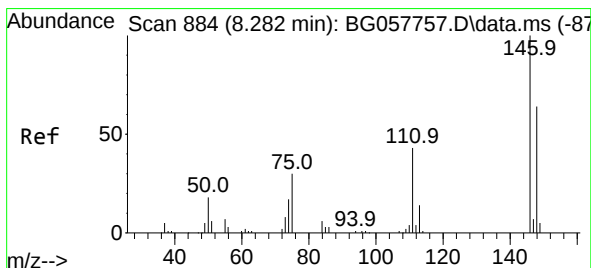
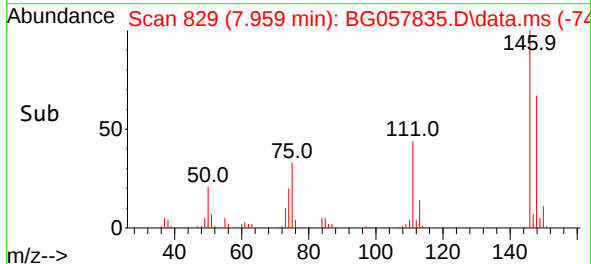
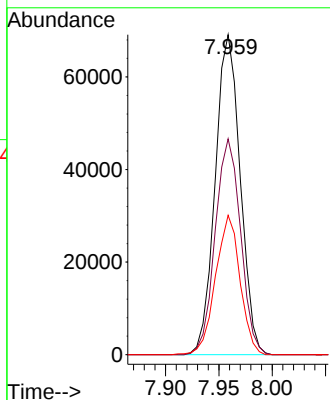
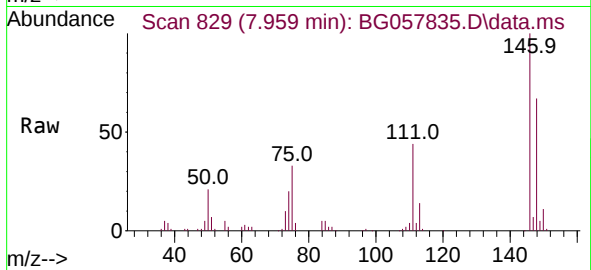
#13
1,4-Dichlorobenzene
Concen: 44.853 ng
RT: 7.959 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PB153685BS

Tgt Ion:146 Resp: 112754
Ion Ratio Lower Upper
146 100
148 67.4 57.0 85.4
111 43.5 35.1 52.7

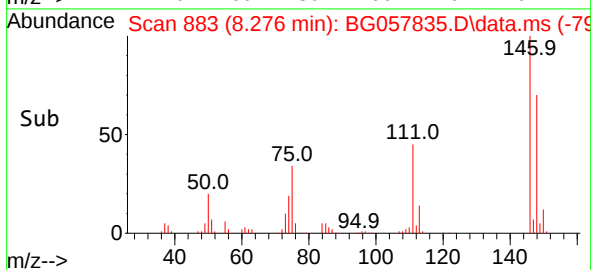
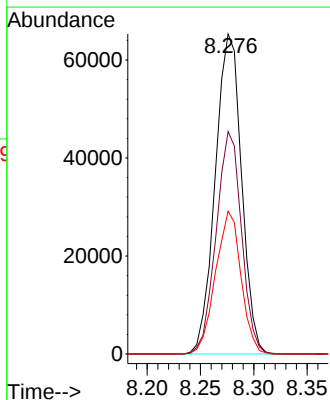
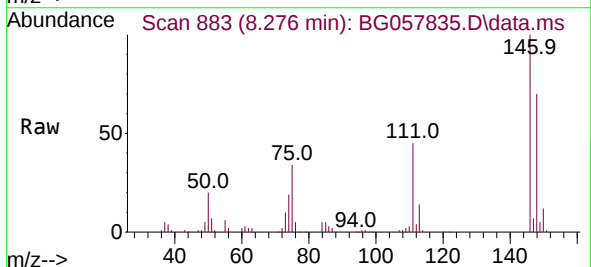
Manual Integrations
APPROVED

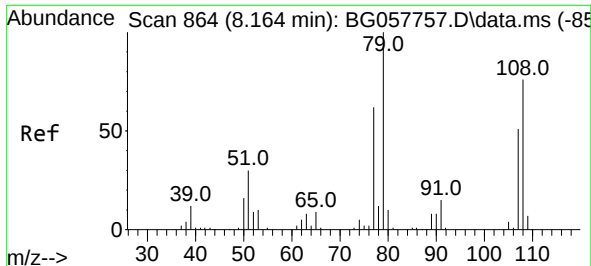
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#14
1,2-Dichlorobenzene
Concen: 45.976 ng
RT: 8.276 min Scan# 883
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:146 Resp: 111836
Ion Ratio Lower Upper
146 100
148 69.5 51.0 76.6
111 44.7 34.9 52.3





#15
Benzyl Alcohol
Concen: 44.934 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

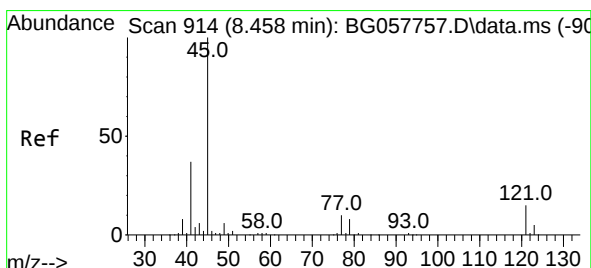
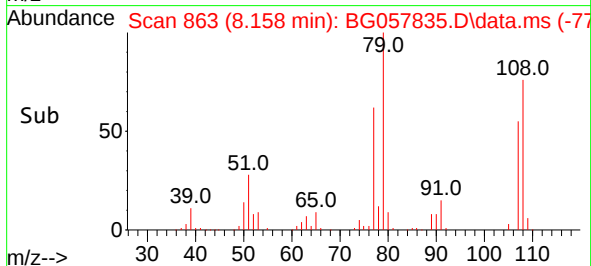
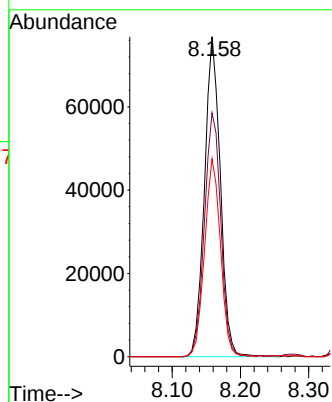
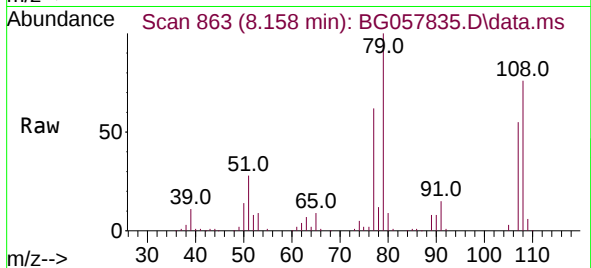
ClientSampleId :

PB153685BS

Tgt Ion: 79 Resp: 124234
Ion Ratio Lower Upper
79 100
108 76.2 60.5 90.7
77 61.8 49.3 73.9

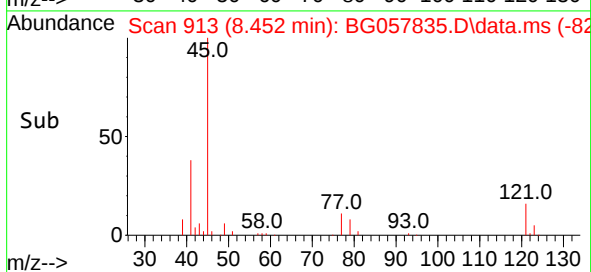
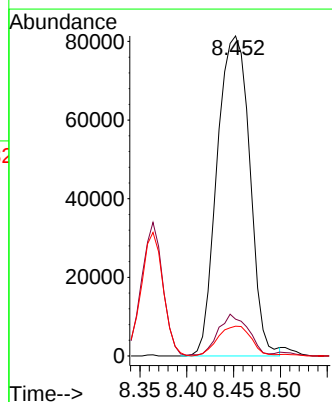
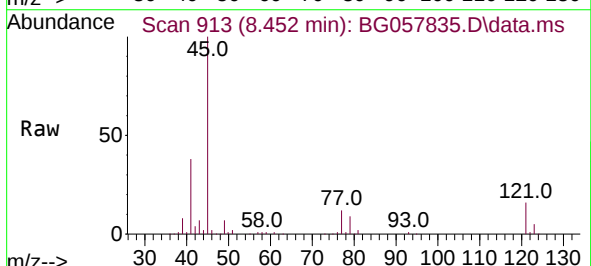
Manual Integrations
APPROVED

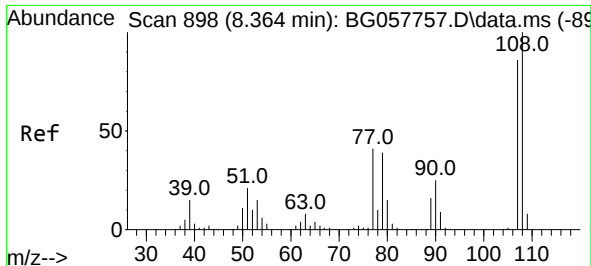
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.513 ng m
RT: 8.452 min Scan# 913
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion: 45 Resp: 197253
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.6
79 9.3 0.0 28.3





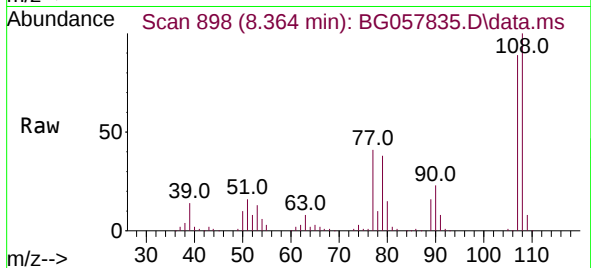
#17
2-Methylphenol
Concen: 46.255 ng
RT: 8.364 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

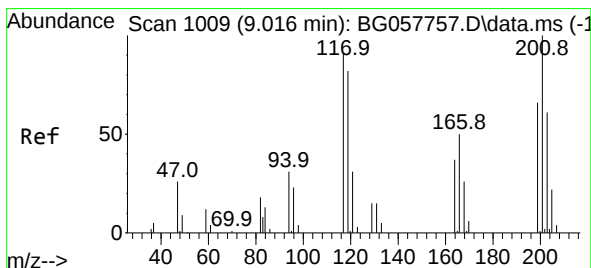
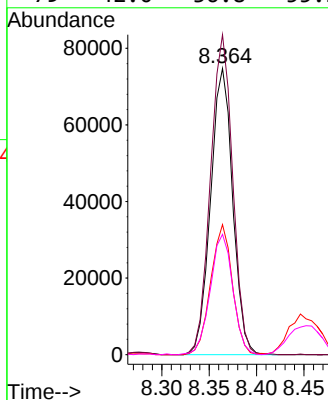
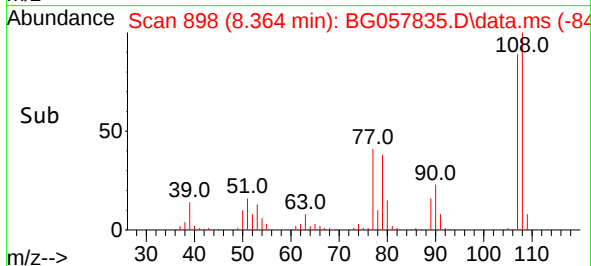


Tgt Ion:107 Resp: 121117
Ion Ratio Lower Upper
107 100
108 111.8 93.2 139.8
77 45.4 37.8 56.8
79 42.0 36.8 55.2

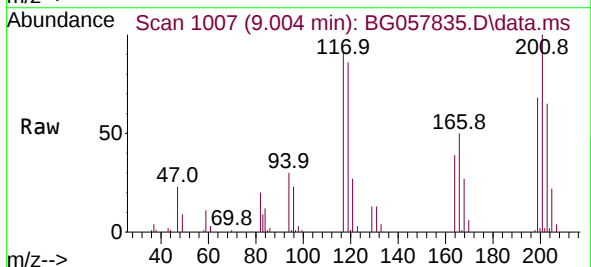
Manual Integrations

APPROVED

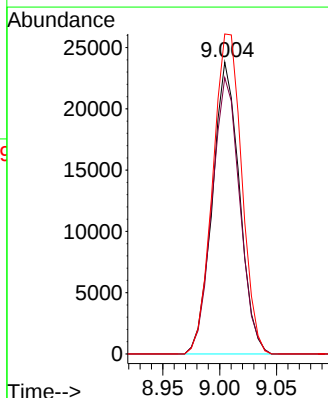
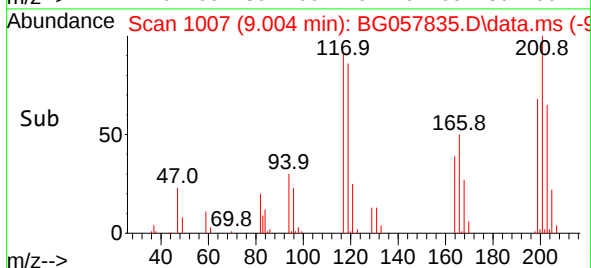
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

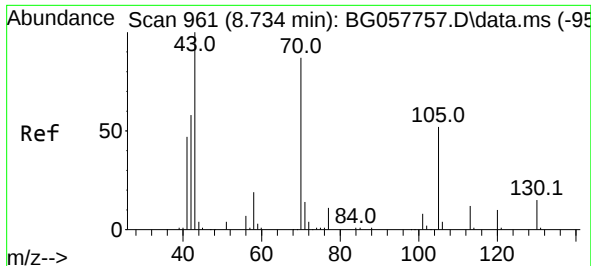


#18
Hexachloroethane
Concen: 44.374 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:117 Resp: 39334
Ion Ratio Lower Upper
117 100
119 94.7 72.3 108.5
201 109.6 87.8 131.8





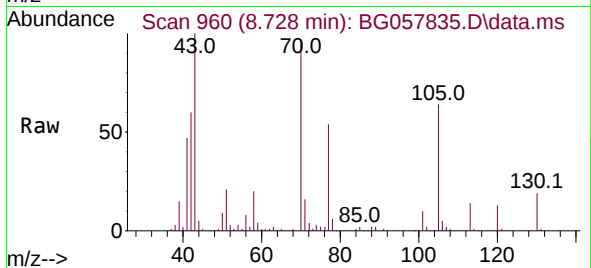
#19
n-Nitroso-di-n-propylamine
Concen: 39.965 ng
RT: 8.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

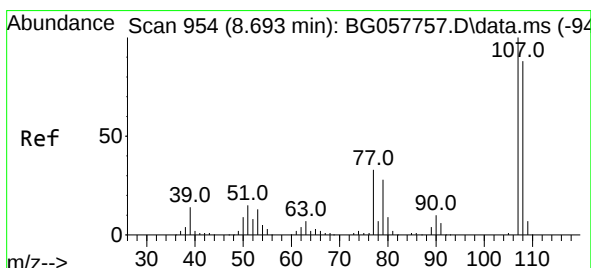
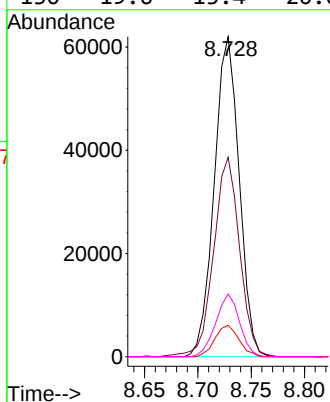
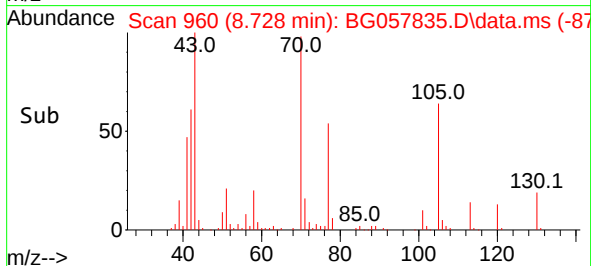


Tgt Ion: 70 Resp: 10074
Ion Ratio Lower Upper
70 100
42 62.3 54.2 81.2
101 9.8 7.4 11.0
130 19.6 13.4 20.0

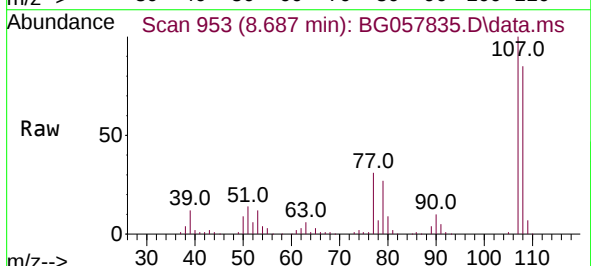
Manual Integrations

APPROVED

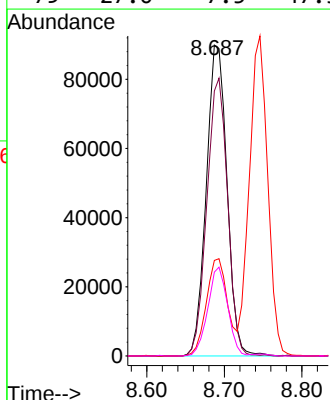
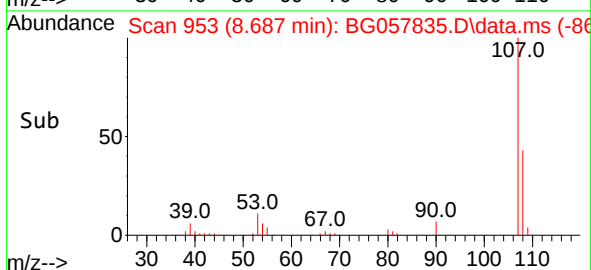
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

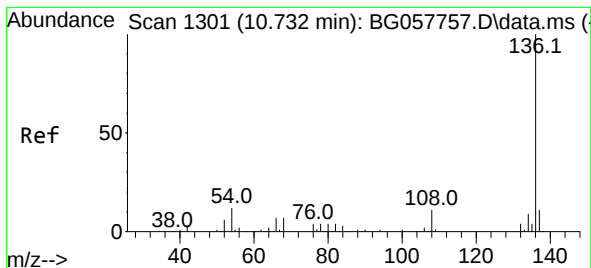


#20
3+4-Methylphenols
Concen: 46.250 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:107 Resp: 167286
Ion Ratio Lower Upper
107 100
108 85.3 67.7 107.7
77 30.7 13.3 53.3
79 27.0 7.5 47.5





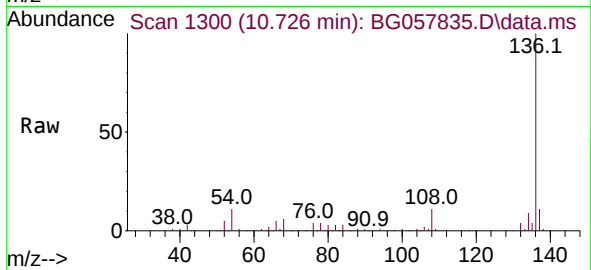
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS



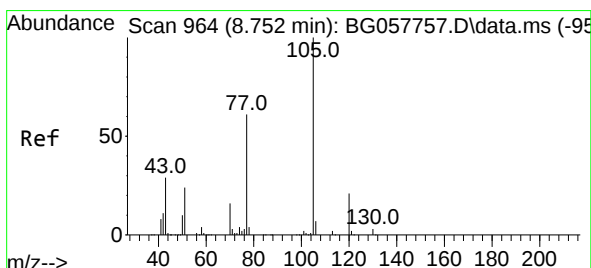
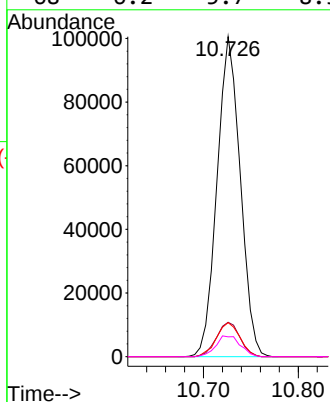
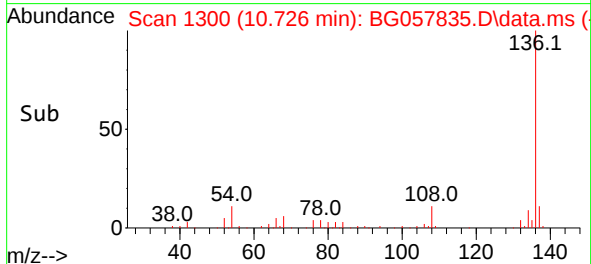
Tgt Ion:136 Resp: 171329
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.7 9.5 14.3
68 6.2 5.7 8.5

Manual Integrations

APPROVED

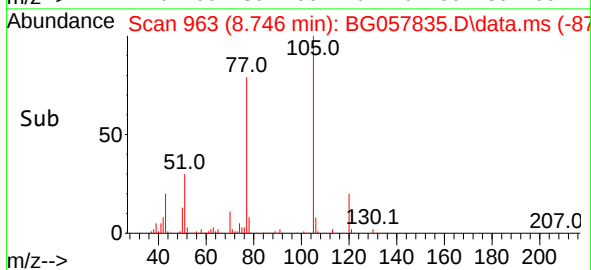
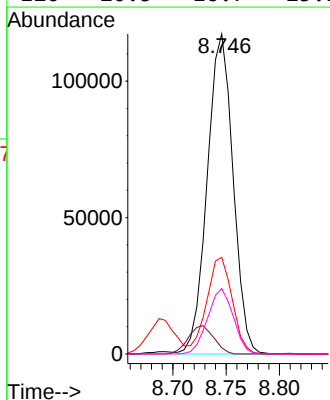
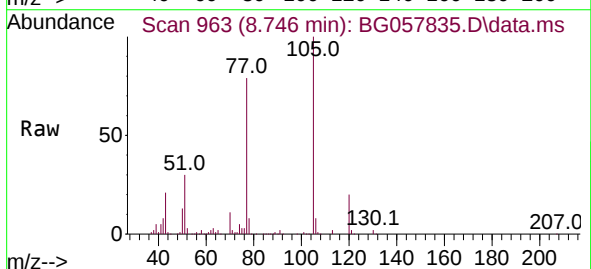
Reviewed By :Yogesh Patel 06/26/2023

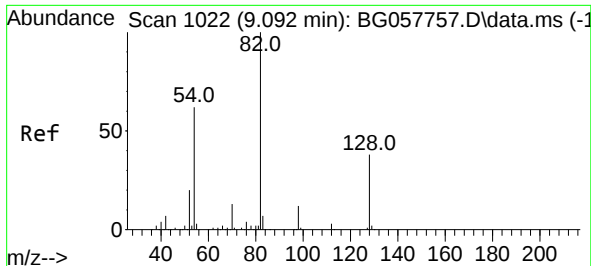
Supervised By :mohammad ahmed 06/27/2023



#22
Acetophenone
Concen: 41.100 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:105 Resp: 197464
Ion Ratio Lower Upper
105 100
71 2.0 2.4 3.6#
51 30.2 25.9 38.9
120 20.5 16.7 25.1





#23

Nitrobenzene-d5

Concen: 81.078 ng

RT: 9.087 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

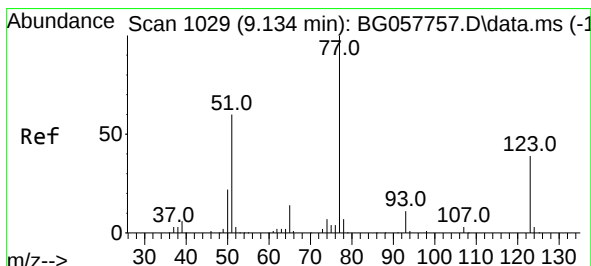
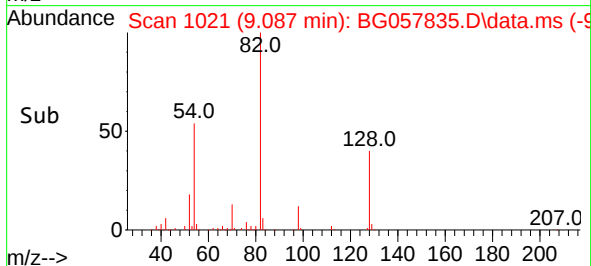
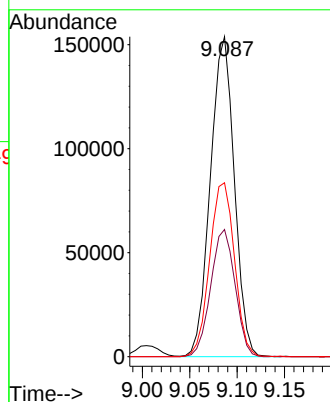
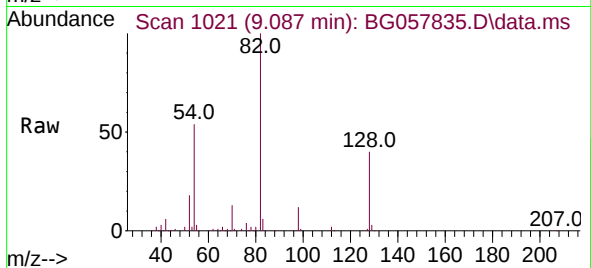
PB153685BS

Tgt Ion: 82 Resp: 270650
 Ion Ratio Lower Upper
 82 100
 128 39.7 30.7 46.1
 54 54.3 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#24

Nitrobenzene

Concen: 42.357 ng

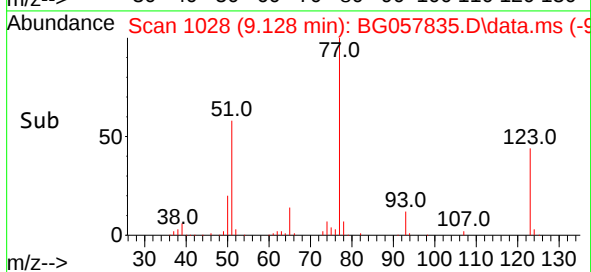
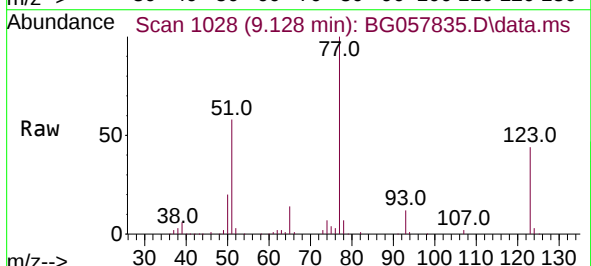
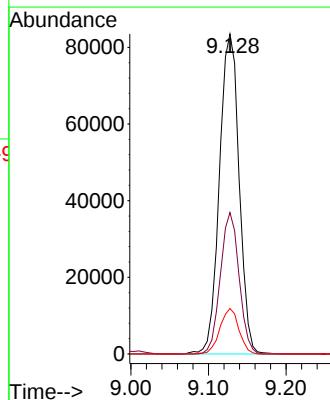
RT: 9.128 min Scan# 1028

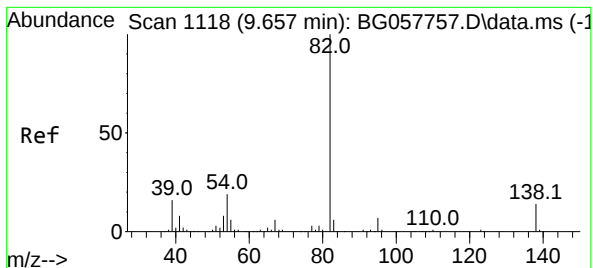
Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion: 77 Resp: 147159
 Ion Ratio Lower Upper
 77 100
 123 44.2 31.4 47.2
 65 14.2 11.2 16.8





#25

Isophorone

Concen: 39.351 ng

RT: 9.651 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

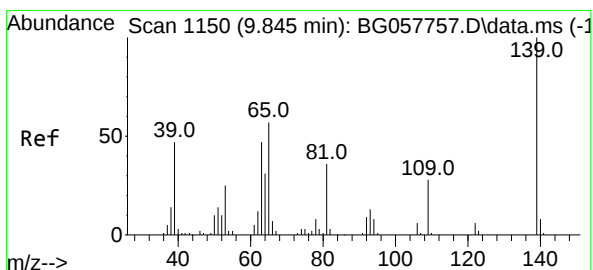
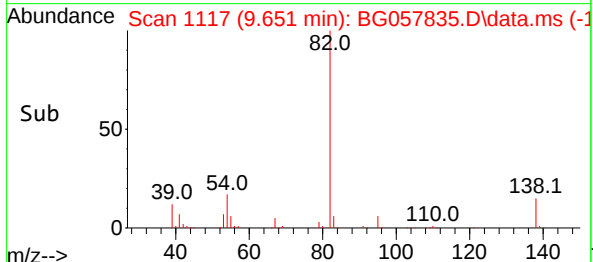
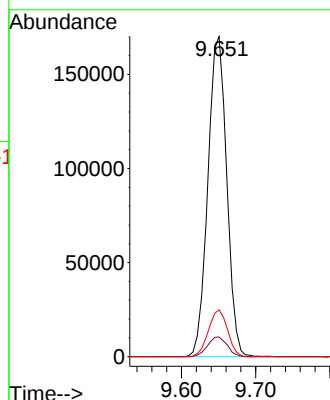
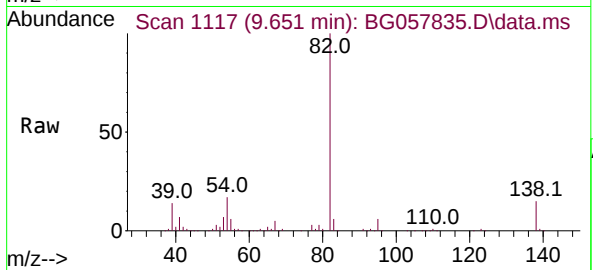
PB153685BS

Tgt Ion: 82 Resp: 300120
 Ion Ratio Lower Upper
 82 100
 95 6.2 5.2 7.8
 138 14.7 11.1 16.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#26

2-Nitrophenol

Concen: 57.813 ng

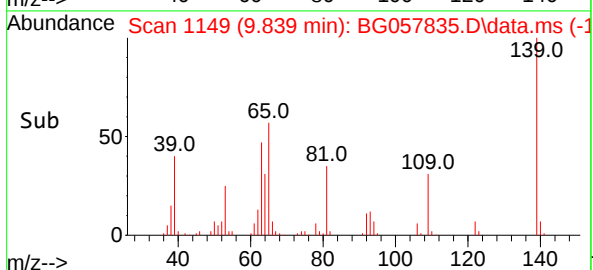
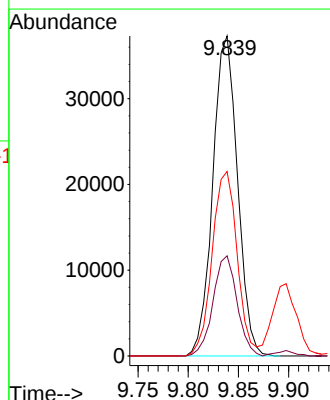
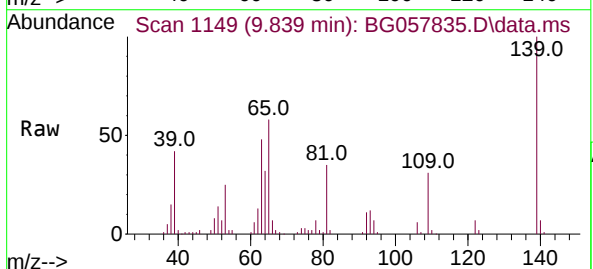
RT: 9.839 min Scan# 1149

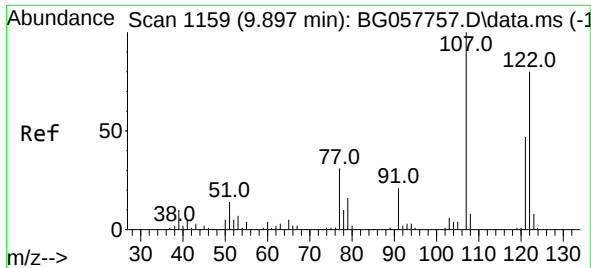
Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion:139 Resp: 63902
 Ion Ratio Lower Upper
 139 100
 109 31.3 22.5 33.7
 65 57.6 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 47.281 ng

RT: 9.897 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

Tgt Ion:122 Resp: 129389

Ion Ratio Lower Upper

122 100

107 119.6 98.9 148.3

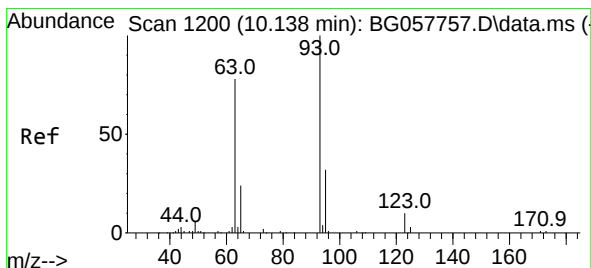
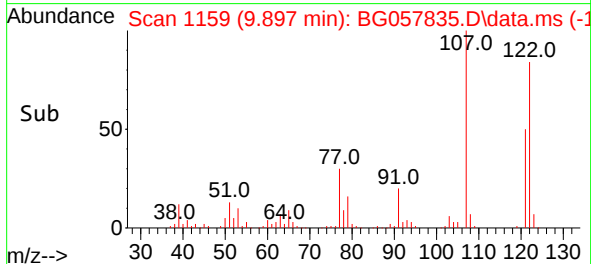
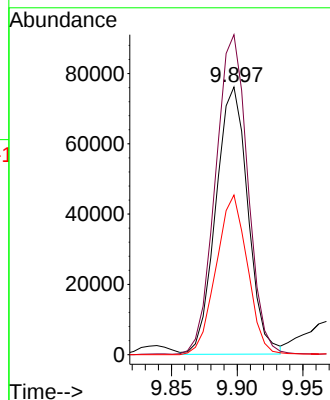
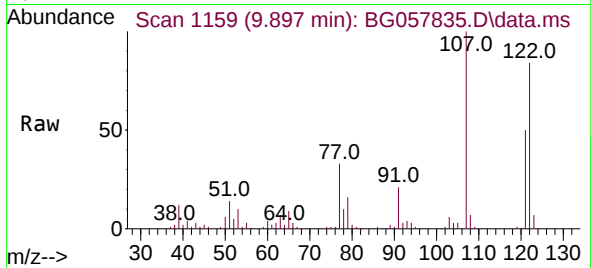
121 59.6 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.207 ng

RT: 10.132 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

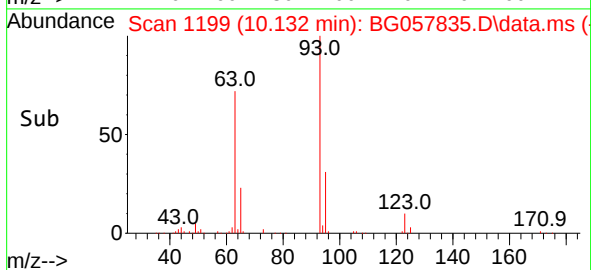
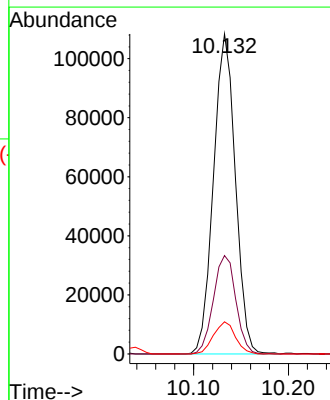
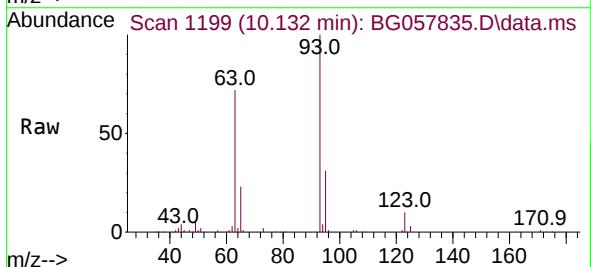
Tgt Ion: 93 Resp: 173351

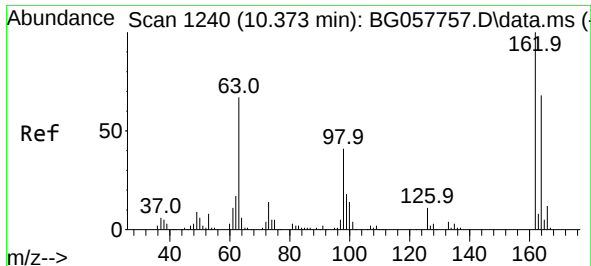
Ion Ratio Lower Upper

93 100

95 30.7 25.6 38.4

123 10.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 48.268 ng

RT: 10.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057835.D

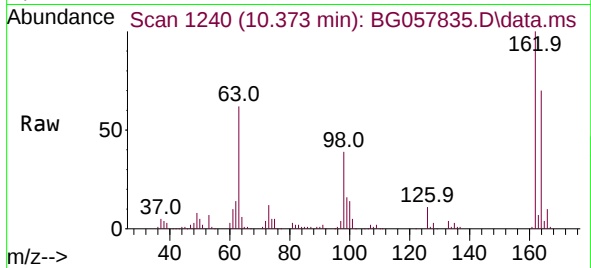
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS



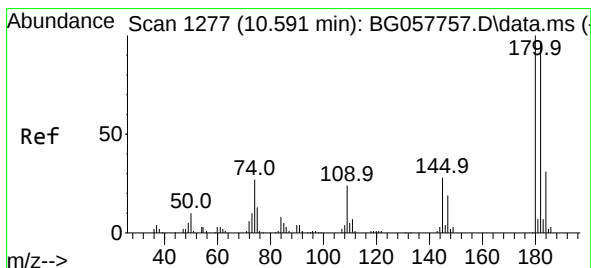
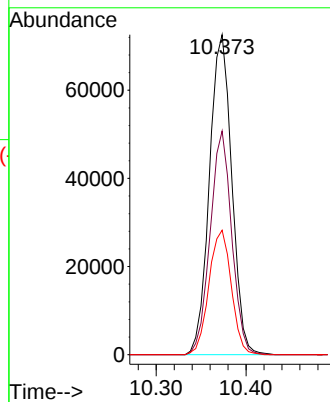
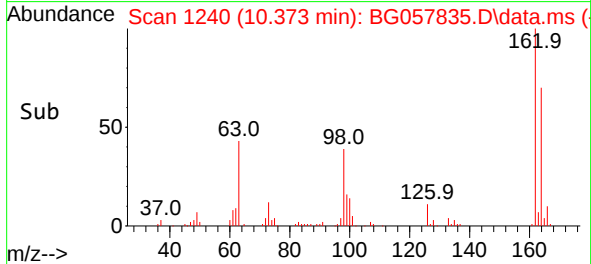
Tgt Ion:	162	Resp:	125434
Ion Ratio	Lower	Upper	
162	100		
164	69.9	48.2	88.2
98	38.9	20.7	60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.098 ng

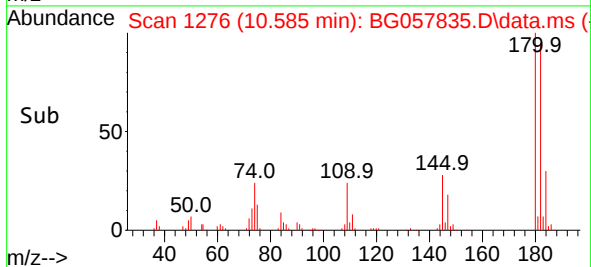
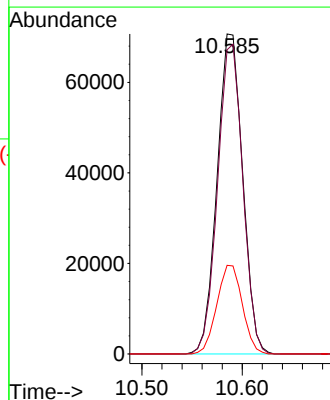
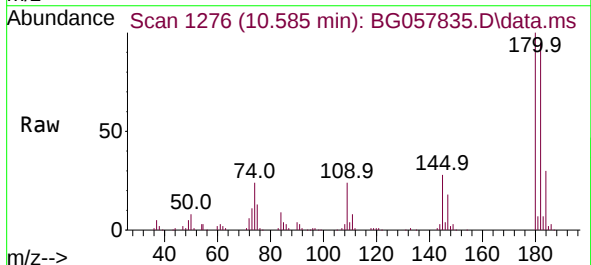
RT: 10.585 min Scan# 1276

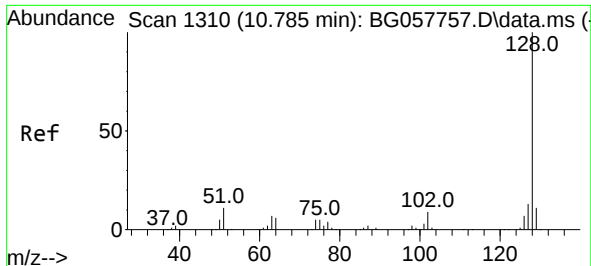
Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion:	180	Resp:	124841
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.5	116.3
145	27.7	22.6	34.0





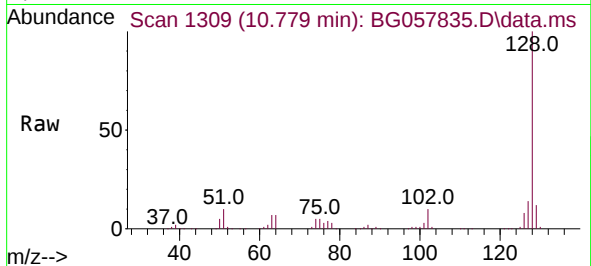
#31
Naphthalene
Concen: 41.240 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

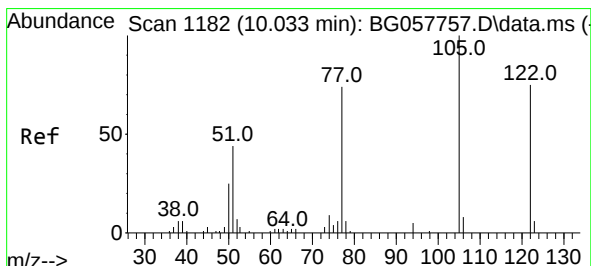
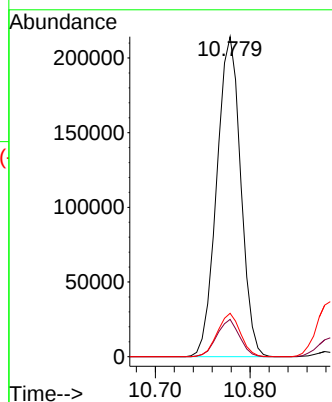


Tgt Ion:128 Resp: 376040
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.6 10.7 16.1

Manual Integrations

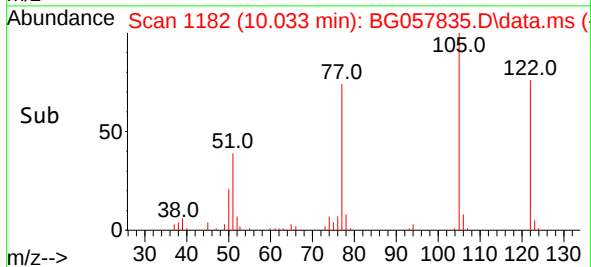
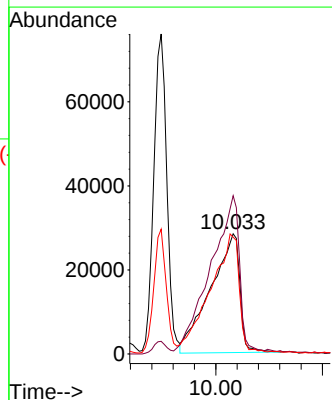
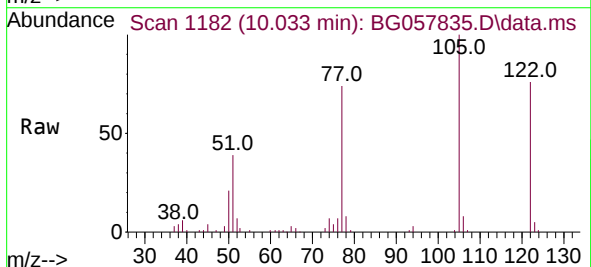
APPROVED

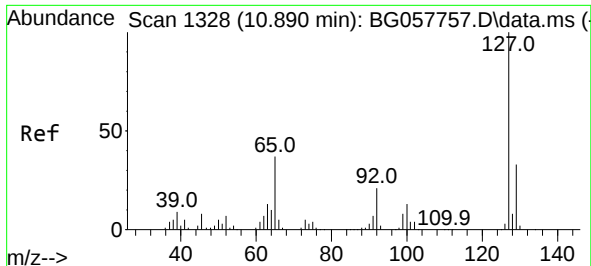
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#32
Benzoic acid
Concen: 53.519 ng
RT: 10.033 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:122 Resp: 107830
Ion Ratio Lower Upper
122 100
105 131.6 110.1 150.1
77 97.2 78.2 118.2





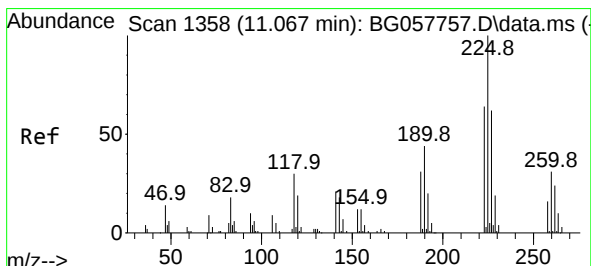
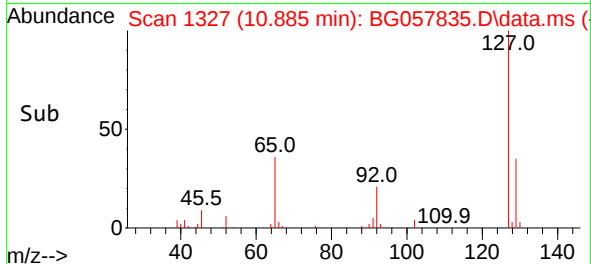
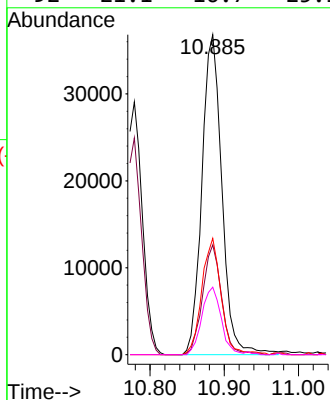
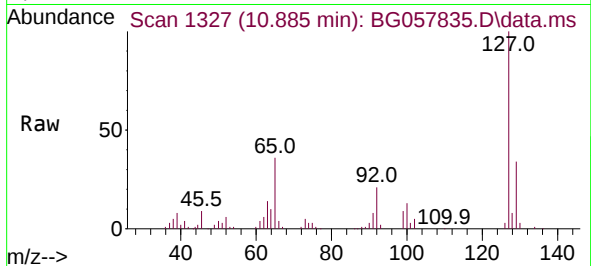
#33
4-Chloroaniline
Concen: 16.334 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PB153685BS

Tgt Ion:127	Resp: 6901
Ion Ratio	Lower Upper
127 100	
129 34.3	26.6 40.0
65 36.4	29.8 44.8
92 21.1	16.7 25.1

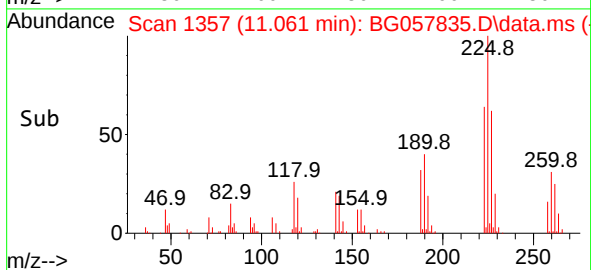
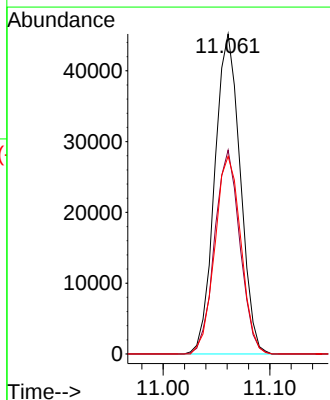
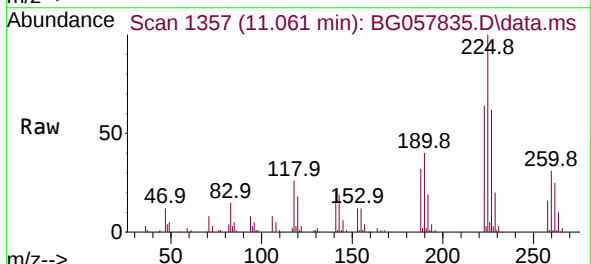
Manual Integrations
APPROVED

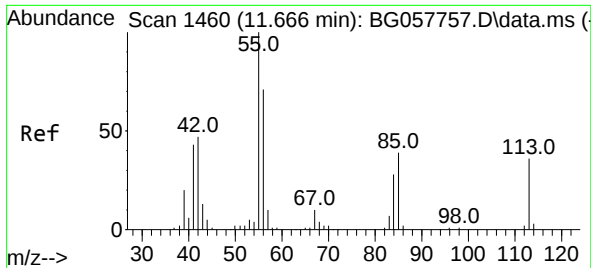
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#34
Hexachlorobutadiene
Concen: 42.556 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:225	Resp: 75206
Ion Ratio	Lower Upper
225 100	
223 63.7	51.4 77.0
227 61.7	49.7 74.5





#35
Caprolactam
Concen: 47.092 ng m
RT: 11.660 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

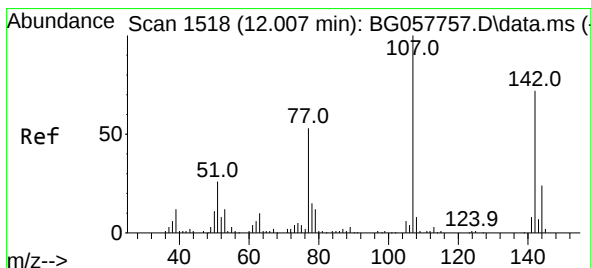
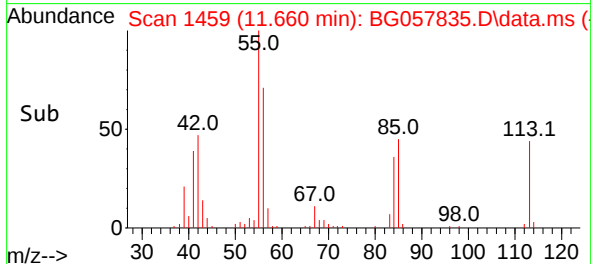
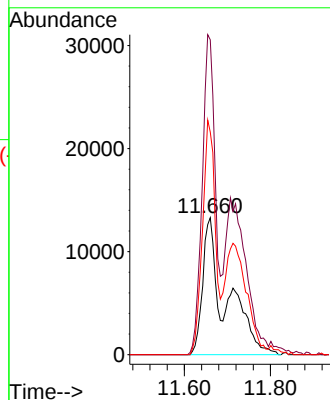
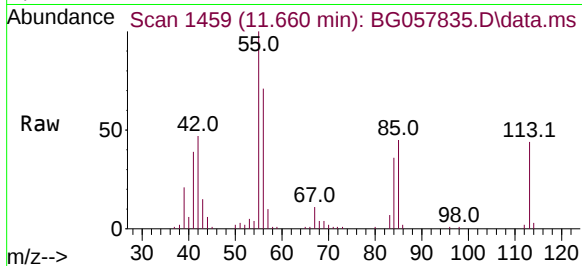
PB153685BS

Tgt Ion:113 Resp: 49658
Ion Ratio Lower Upper
113 100
55 229.7 255.7 295.7
56 162.5 175.2 215.2

Manual Integrations

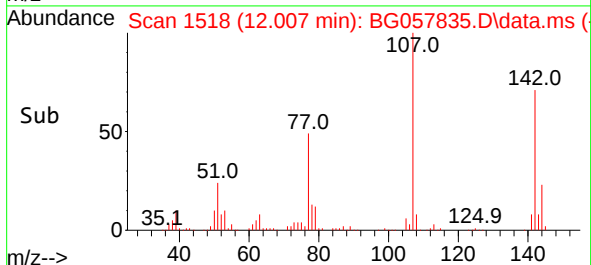
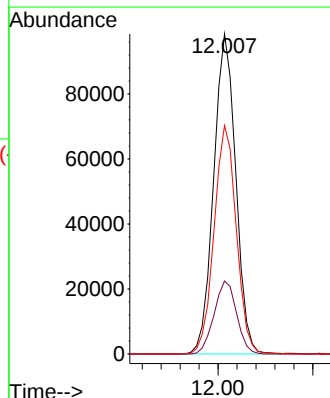
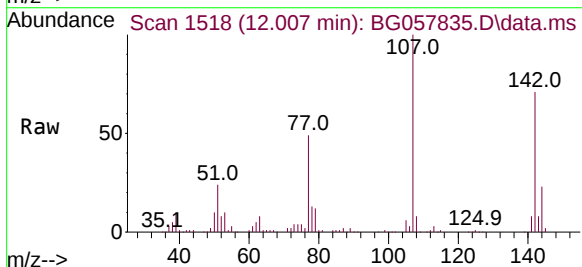
APPROVED

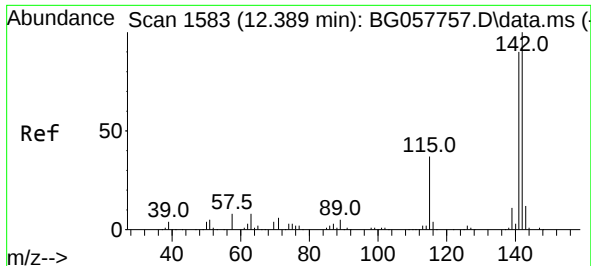
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#36
4-Chloro-3-methylphenol
Concen: 46.910 ng
RT: 12.007 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:107 Resp: 159208
Ion Ratio Lower Upper
107 100
144 22.8 19.5 29.3
142 71.4 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.833 ng

RT: 12.383 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

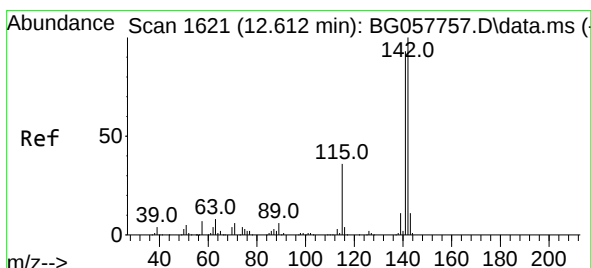
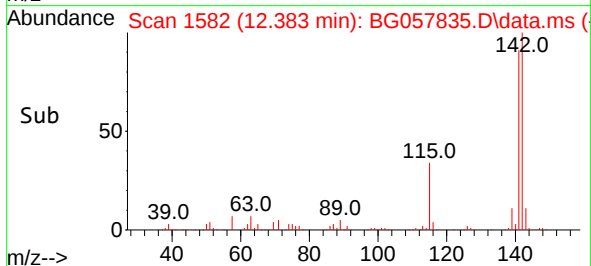
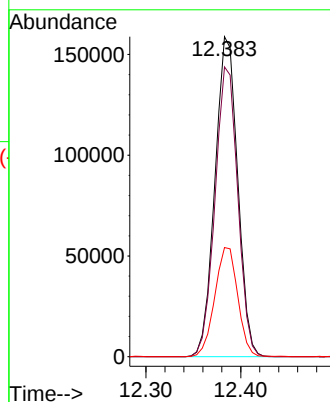
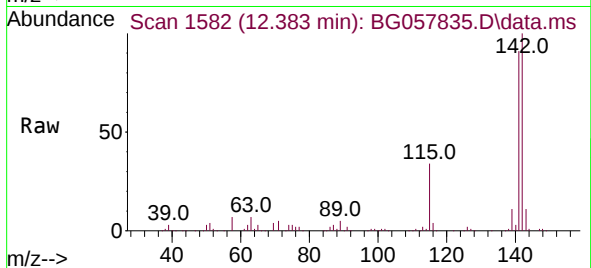
Tgt Ion:142	Resp: 26475
Ion Ratio	Lower Upper
142	100
141	90.6 72.1 108.1
115	34.1 29.7 44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#38

1-Methylnaphthalene

Concen: 40.340 ng

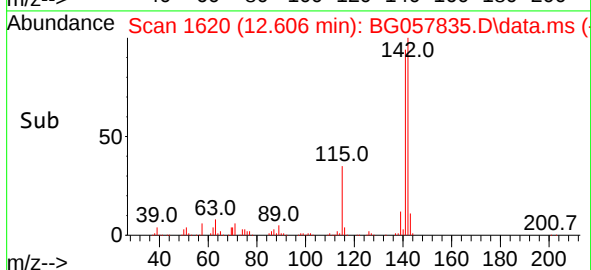
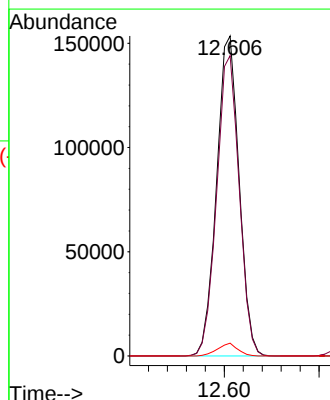
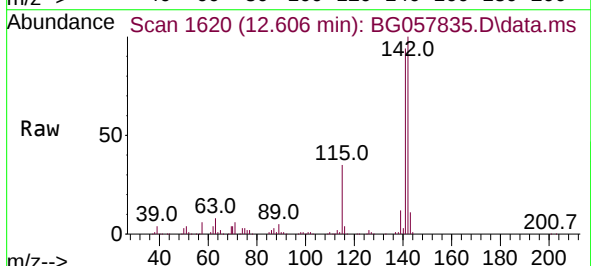
RT: 12.606 min Scan# 1620

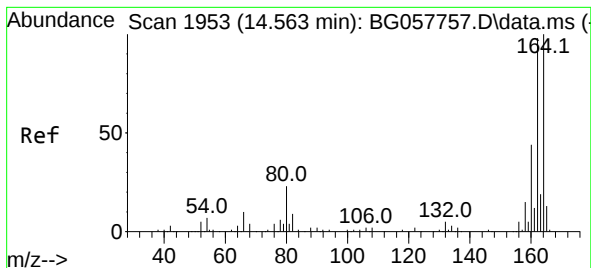
Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion:142	Resp: 253102
Ion Ratio	Lower Upper
142	100
141	93.8 74.2 111.4
116	4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057835.D

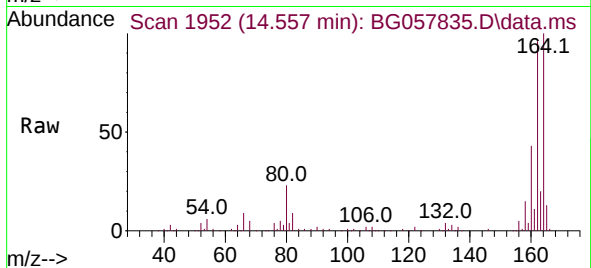
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS



Tgt Ion:164 Resp: 126040

Ion Ratio Lower Upper

164 100

162 96.4 78.3 117.5

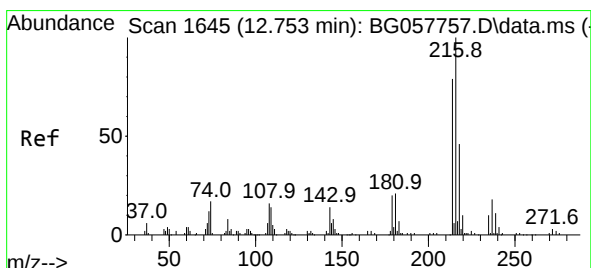
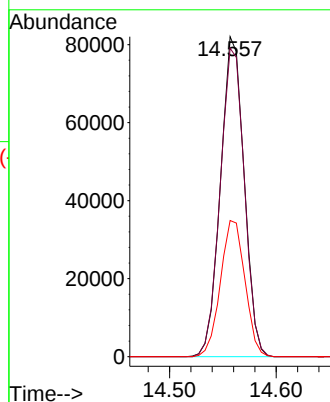
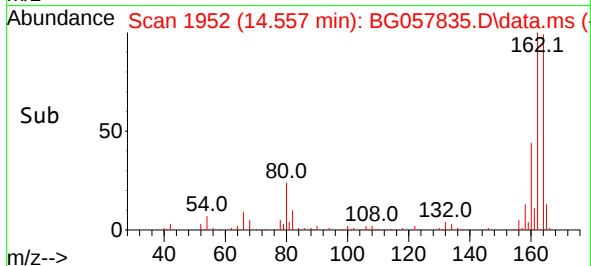
160 42.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.742 ng

RT: 12.753 min Scan# 1645

Delta R.T. 0.000 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion:216 Resp: 149348

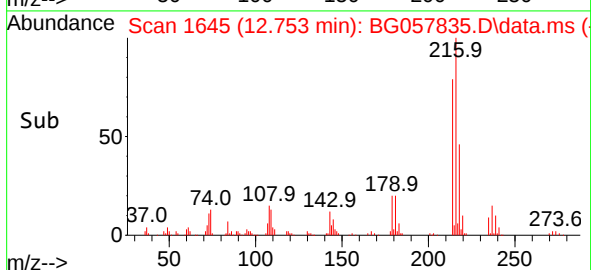
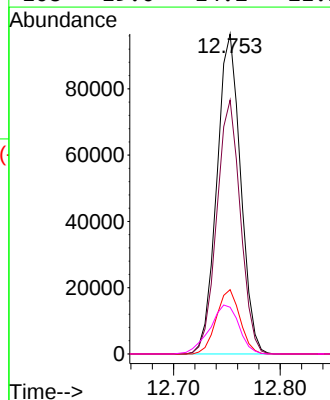
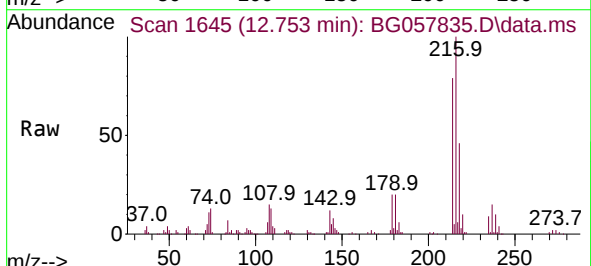
Ion Ratio Lower Upper

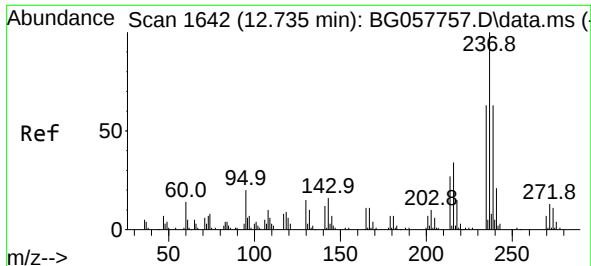
216 100

214 78.7 63.0 94.4

179 20.0 16.2 24.2

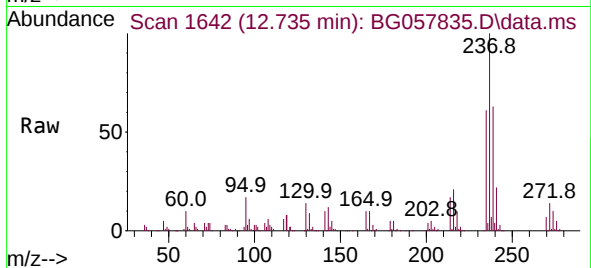
108 19.0 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 107.021 ng
RT: 12.735 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

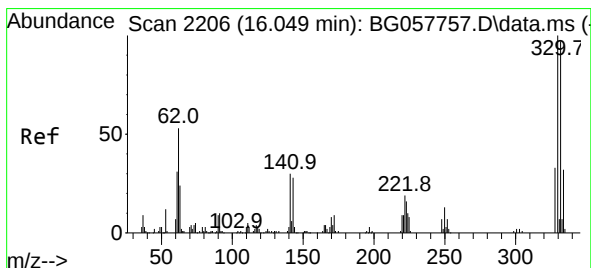
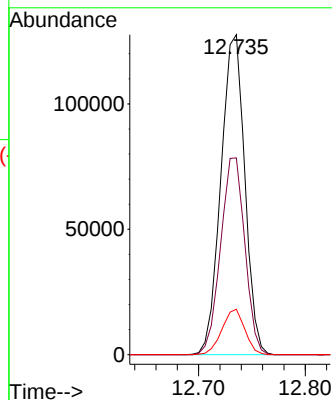
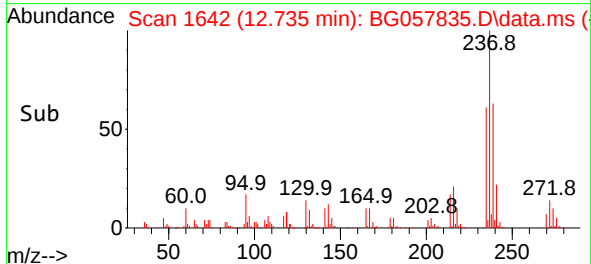
Instrument :
BNA_G
ClientSampleId :
PB153685BS



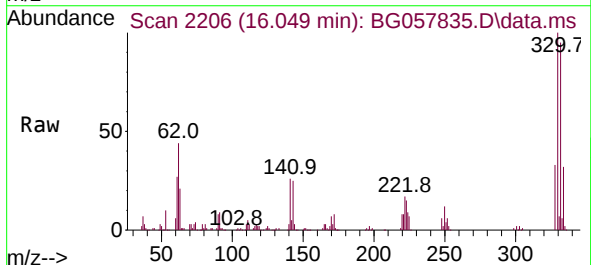
Tgt Ion: 237 Resp: 19853
Ion Ratio Lower Upper
237 100
235 61.5 43.5 83.5
272 14.2 0.0 32.8

Manual Integrations
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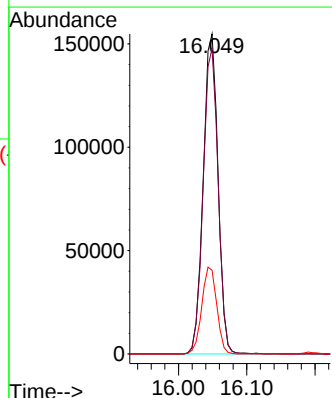
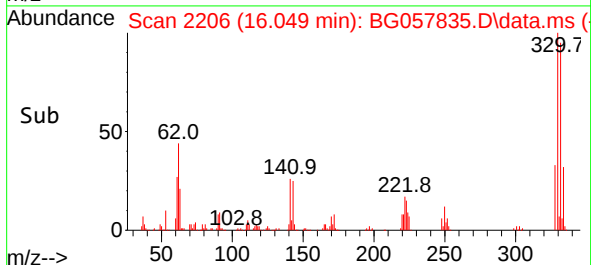
Reviewed By : Yogesh Patel 06/26/2023
Supervised By : mohammad ahmed 06/27/2023

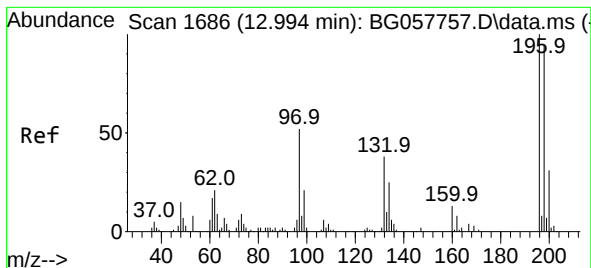


#42
2,4,6-Tribromophenol
Concen: 133.136 ng
RT: 16.049 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



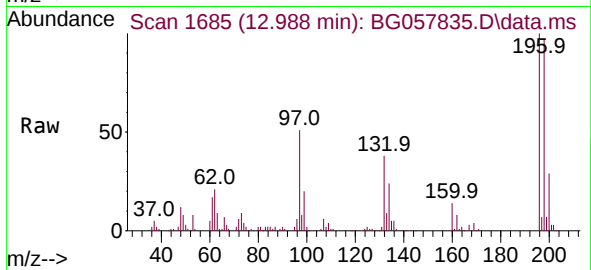
Tgt Ion: 330 Resp: 233750
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 27.4 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 46.594 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

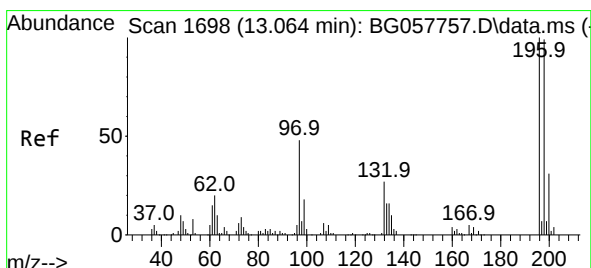
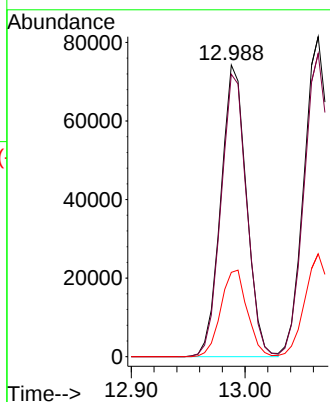
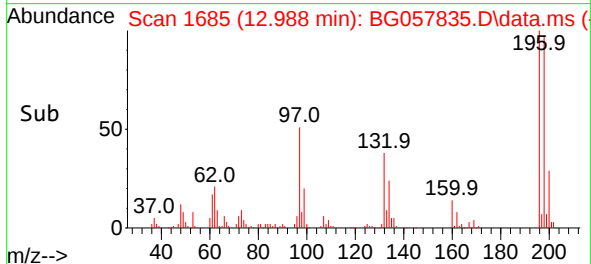
Instrument :
BNA_G
ClientSampleId :
PB153685BS



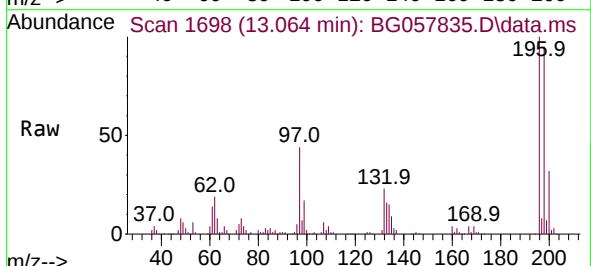
Tgt Ion:196 Resp: 116574
Ion Ratio Lower Upper
196 100
198 96.8 75.5 113.3
200 28.9 24.6 36.8

Manual Integrations
APPROVED

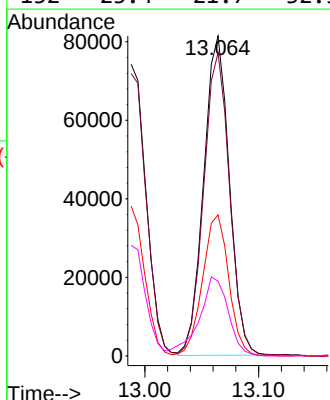
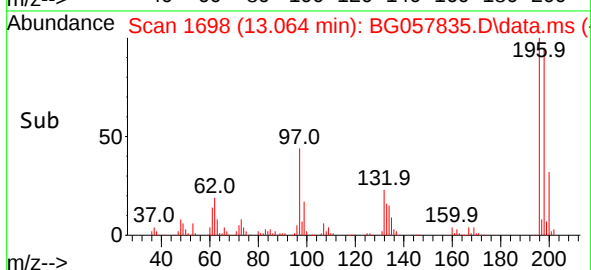
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

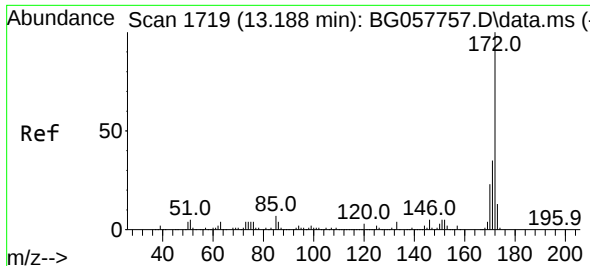


#44
2,4,5-Trichlorophenol
Concen: 43.850 ng
RT: 13.064 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:196 Resp: 127883
Ion Ratio Lower Upper
196 100
198 94.8 78.9 118.3
97 44.1 38.3 57.5
132 23.4 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 76.591 ng
RT: 13.182 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

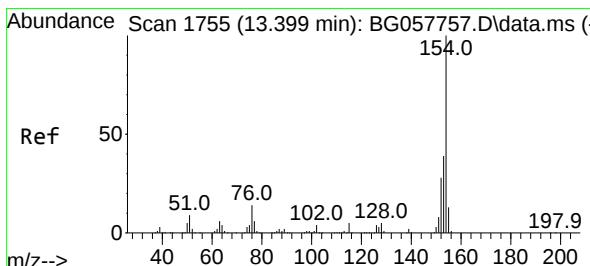
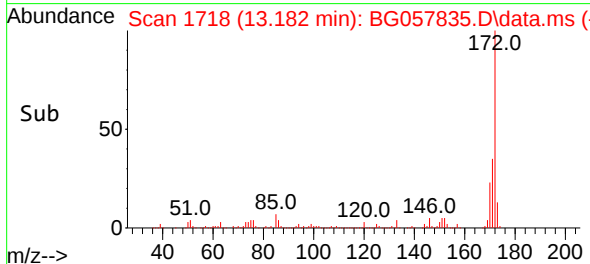
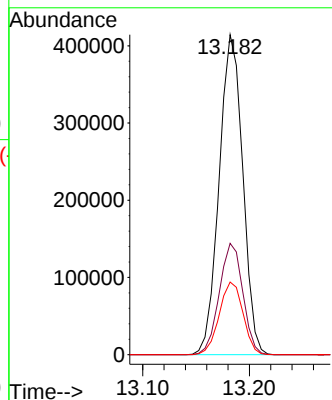
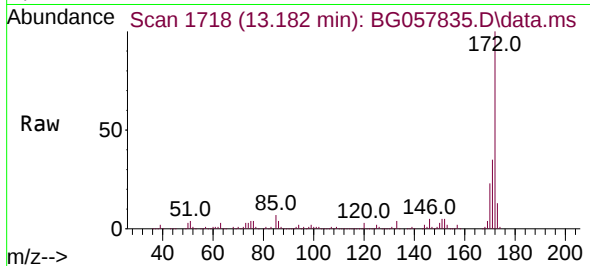
ClientSampleId :

PB153685BS

Tgt Ion:172 Resp: 636468
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.7 18.6 27.8

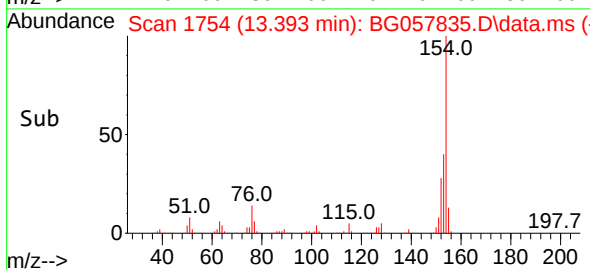
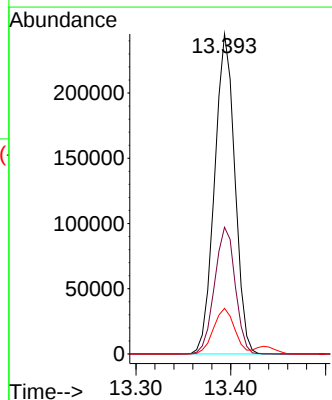
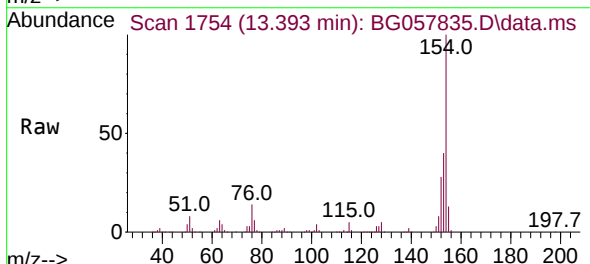
Manual Integrations
APPROVED

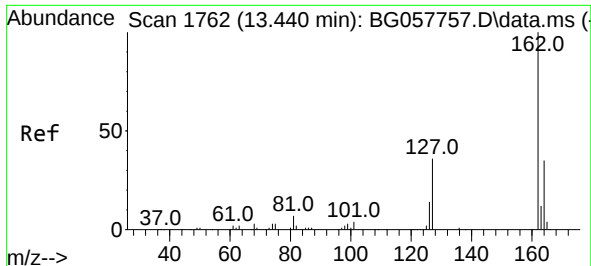
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#46
1,1'-Biphenyl
Concen: 42.108 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:154 Resp: 364417
Ion Ratio Lower Upper
154 100
153 39.6 19.1 59.1
76 14.3 0.0 34.3





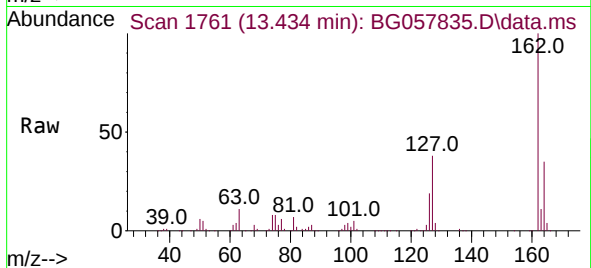
#47
2-Chloronaphthalene
Concen: 42.470 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

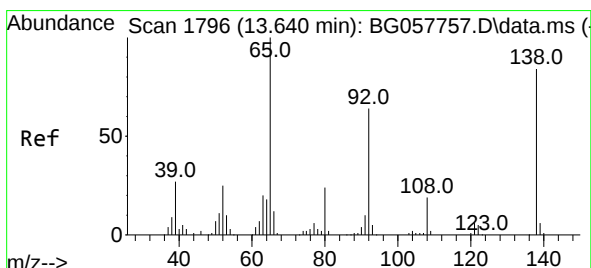
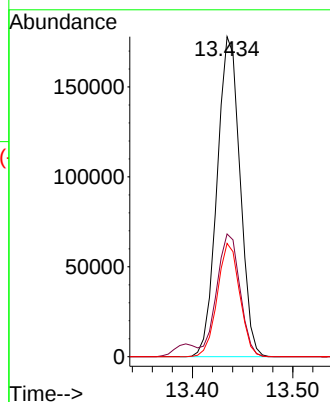
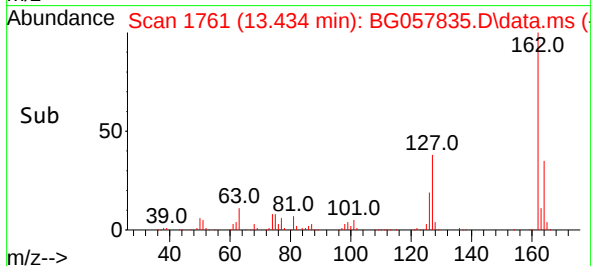


Tgt Ion:162 Resp: 282360
Ion Ratio Lower Upper
162 100
127 38.3 32.2 48.2
164 35.4 28.0 42.0

Manual Integrations

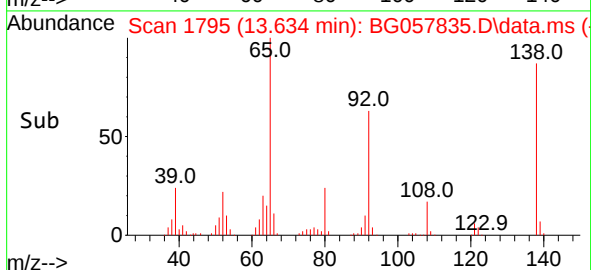
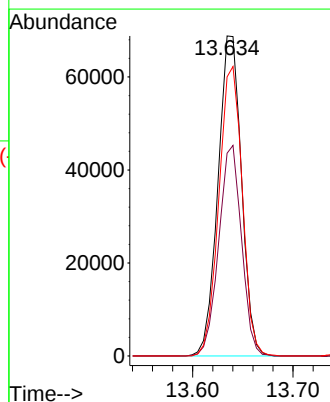
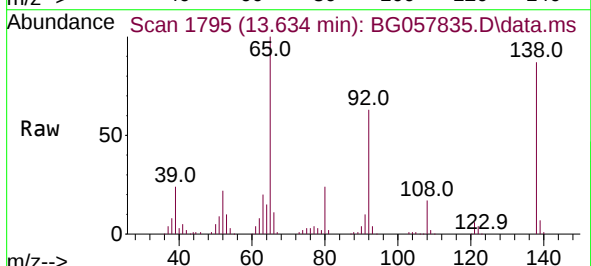
APPROVED

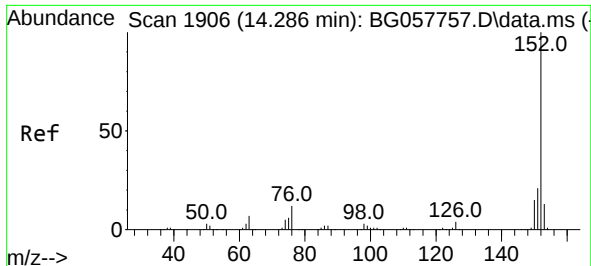
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#48
2-Nitroaniline
Concen: 47.226 ng
RT: 13.634 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

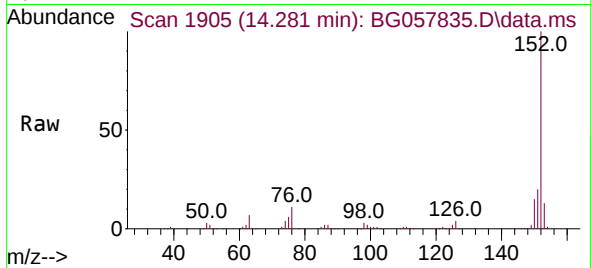
Tgt Ion: 65 Resp: 111582
Ion Ratio Lower Upper
65 100
92 63.4 51.2 76.8
138 87.2 67.2 100.8





#49
Acenaphthylene
Concen: 41.187 ng
RT: 14.281 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

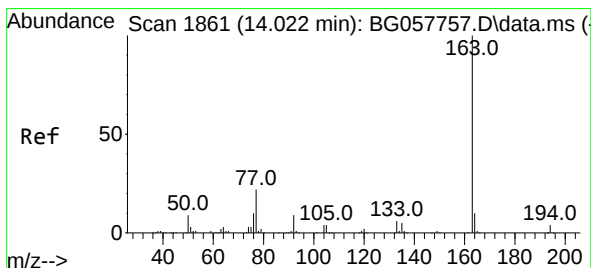
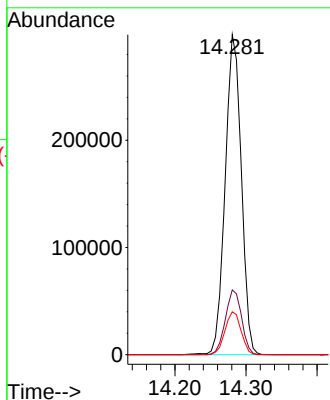
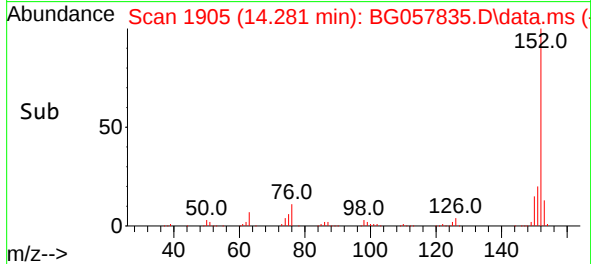
Instrument :
BNA_G
ClientSampleId :
PB153685BS



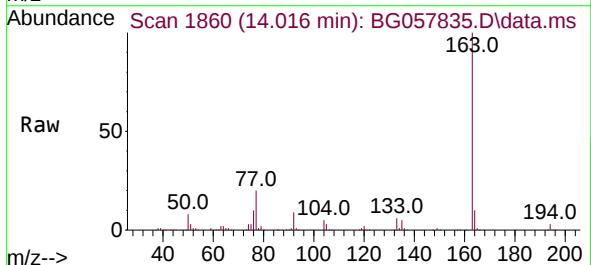
Tgt Ion:152 Resp: 470024
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 13.4 10.5 15.7

Manual Integrations
APPROVED

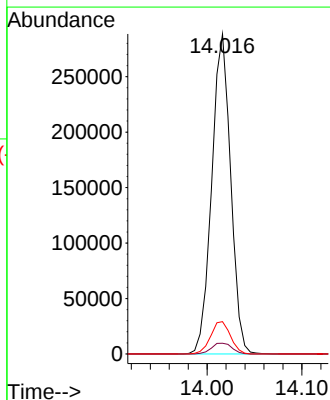
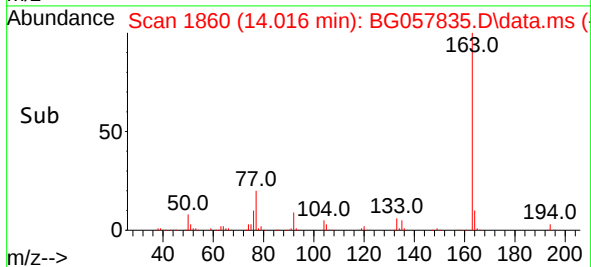
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

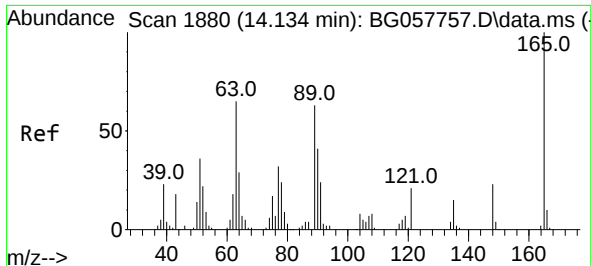


#50
Dimethylphthalate
Concen: 41.357 ng
RT: 14.016 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:163 Resp: 400363
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 49.583 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

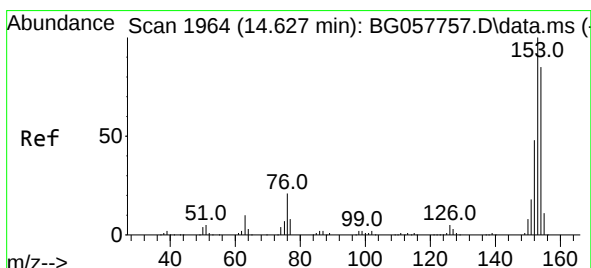
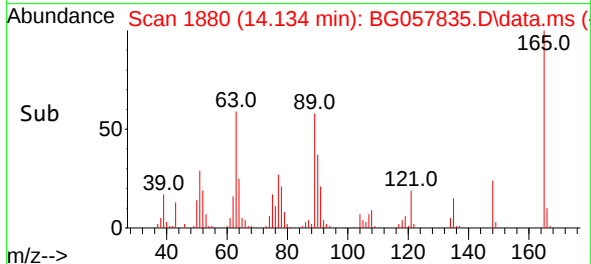
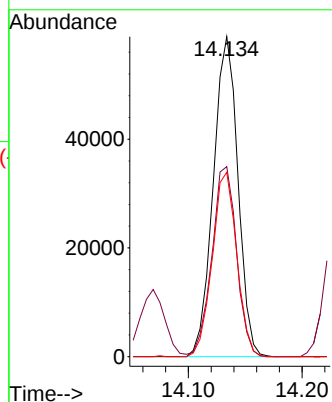
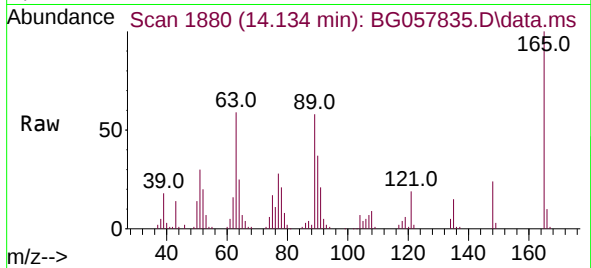
ClientSampleId :

PB153685BS

Tgt Ion:165 Resp: 88389
Ion Ratio Lower Upper
165 100
63 59.4 52.8 79.2
89 57.7 50.7 76.1

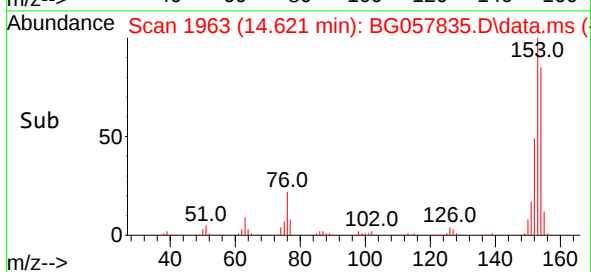
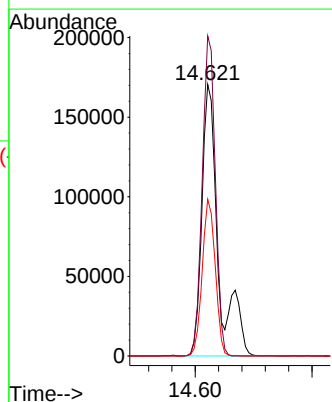
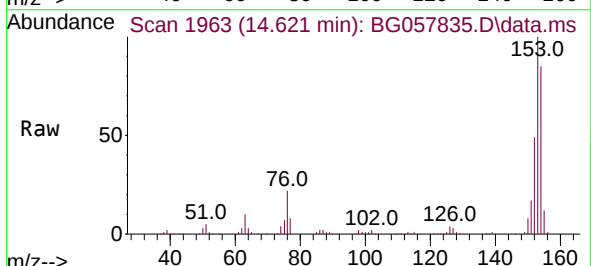
Manual Integrations
APPROVED

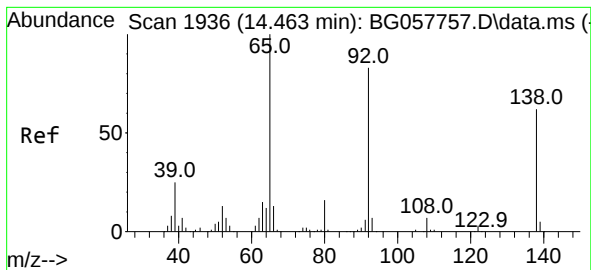
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#52
Acenaphthene
Concen: 47.423 ng m
RT: 14.621 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:154 Resp: 335038
Ion Ratio Lower Upper
154 100
153 117.9 93.6 140.4
152 57.7 44.7 67.1





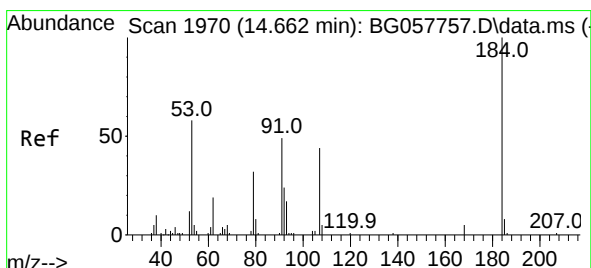
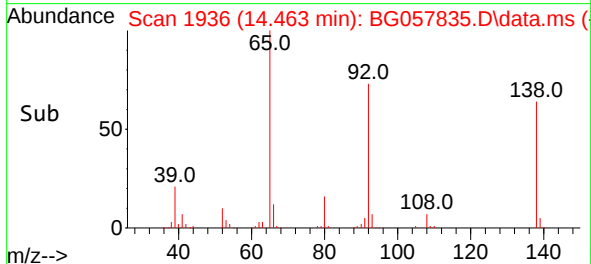
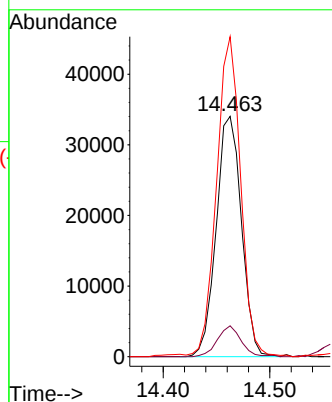
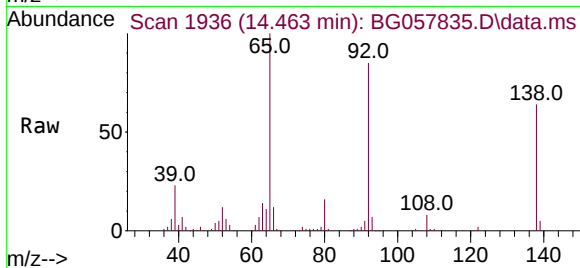
#53
3-Nitroaniline
Concen: 27.816 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PB153685BS

Tgt Ion:138 Resp: 5588
Ion Ratio Lower Upper
138 100
108 12.8 9.1 13.7
92 133.1 106.4 159.6

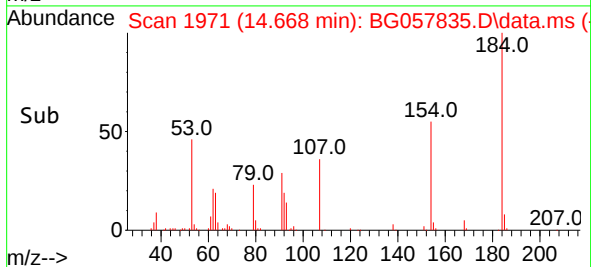
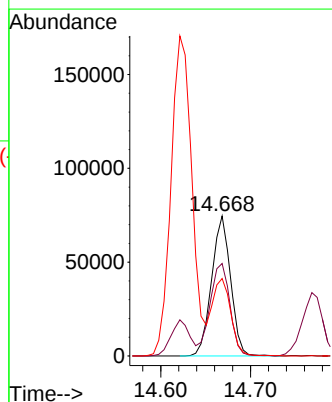
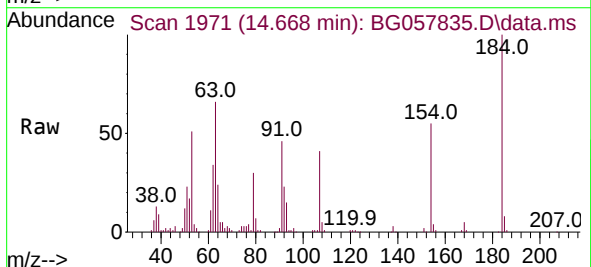
Manual Integrations
APPROVED

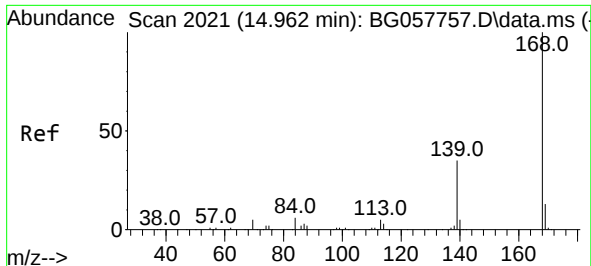
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#54
2,4-Dinitrophenol
Concen: 113.009 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:184 Resp: 109477
Ion Ratio Lower Upper
184 100
63 66.1 55.2 82.8
154 55.4 47.4 71.0





#55
Dibenzenofuran
Concen: 40.994 ng
RT: 14.956 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

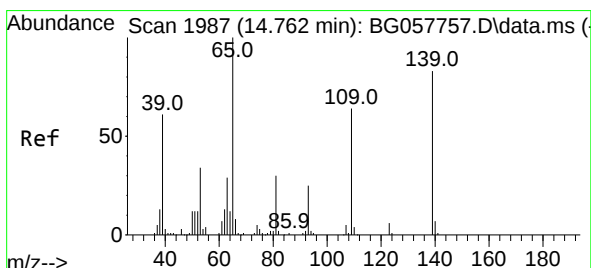
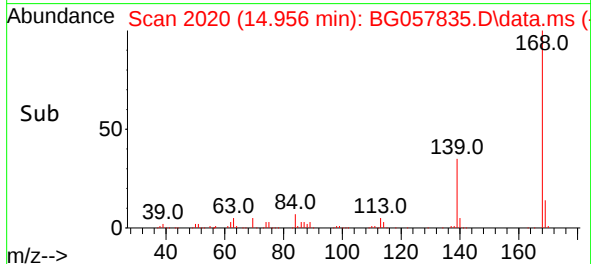
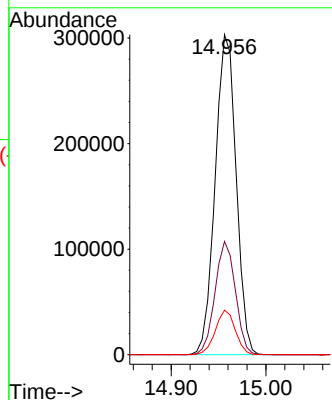
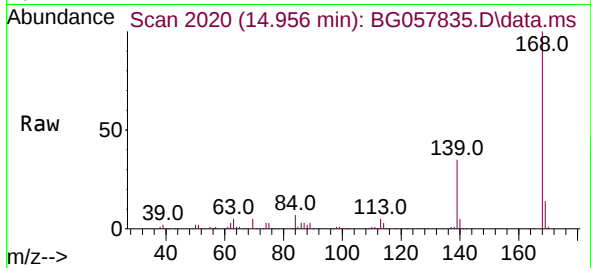
PB153685BS

Tgt Ion:168 Resp: 46568
Ion Ratio Lower Upper
168 100
139 35.4 28.1 42.1
169 13.9 10.7 16.1

Manual Integrations

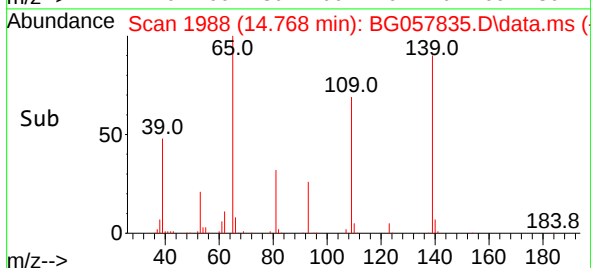
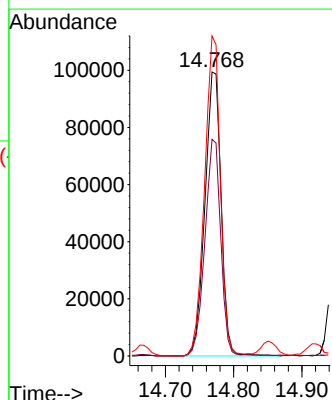
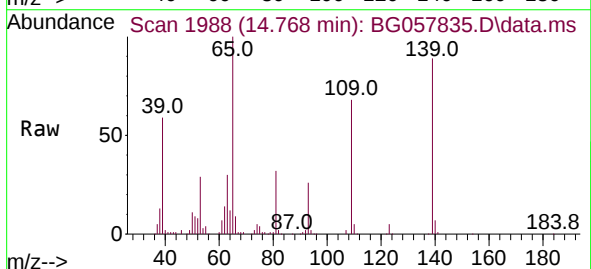
APPROVED

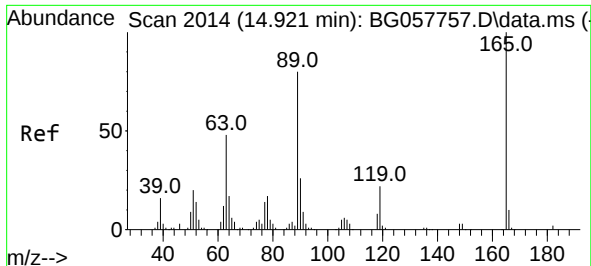
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 102.755 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:139 Resp: 164054
Ion Ratio Lower Upper
139 100
109 76.3 57.3 97.3
65 112.7 100.0 140.0





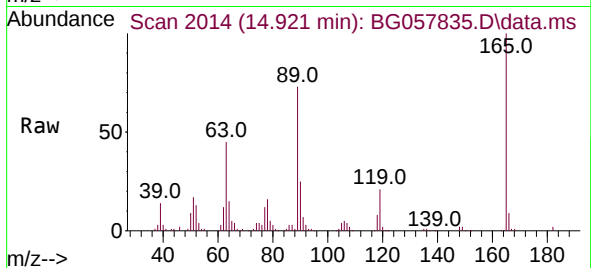
#57
2,4-Dinitrotoluene
Concen: 52.630 ng
RT: 14.921 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

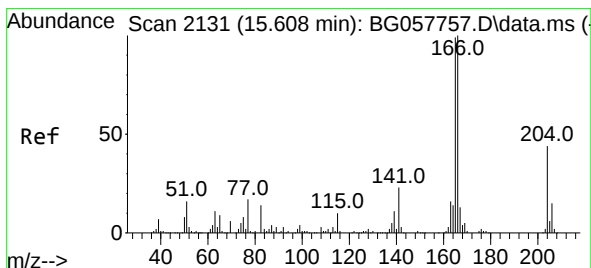
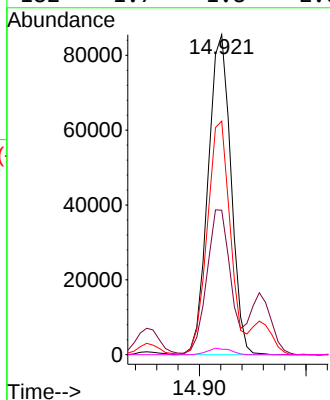
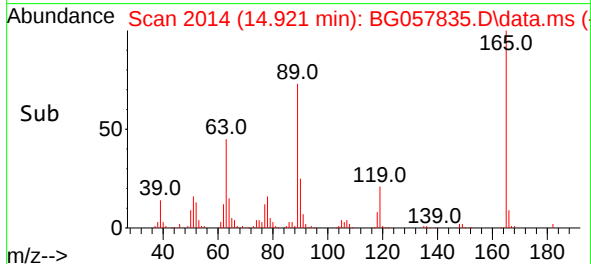


Tgt Ion:165 Resp: 127230
Ion Ratio Lower Upper
165 100
63 45.1 38.6 58.0
89 73.0 63.7 95.5
182 1.7 1.8 2.6#

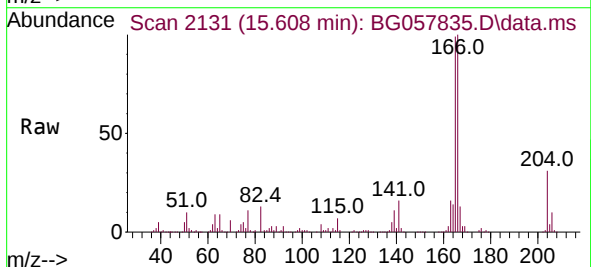
Manual Integrations

APPROVED

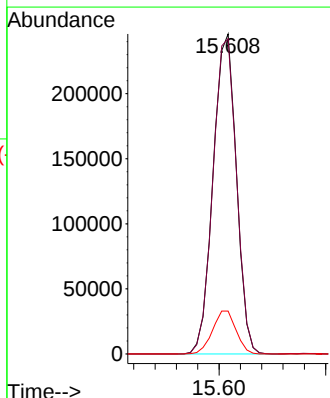
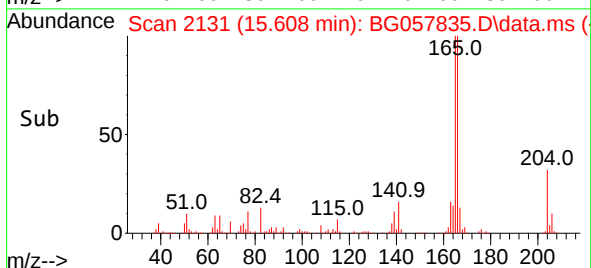
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

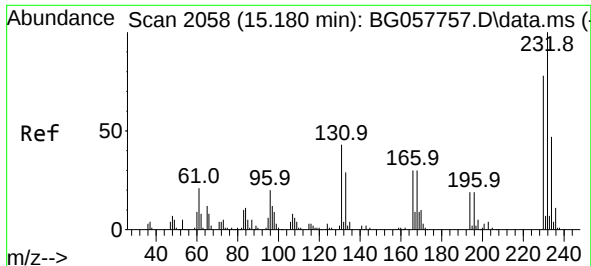


#58
Fluorene
Concen: 41.333 ng
RT: 15.608 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:166 Resp: 371670
Ion Ratio Lower Upper
166 100
165 98.6 79.5 119.3
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.491 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

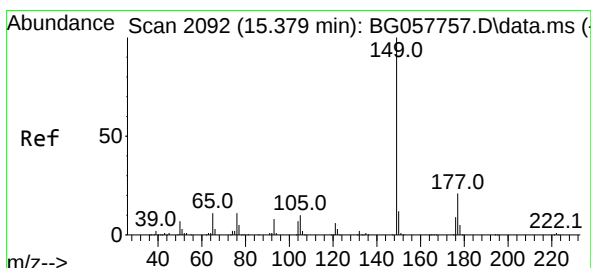
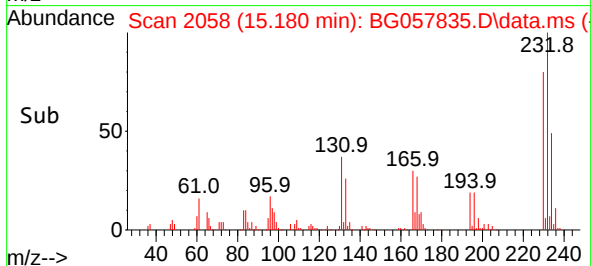
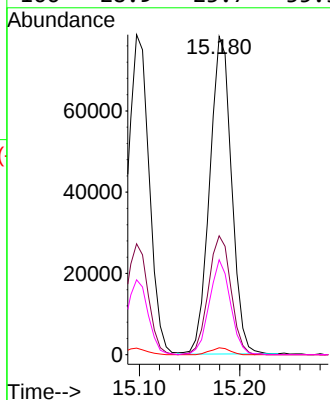
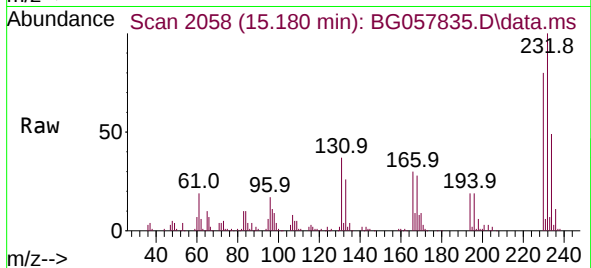
PB153685BS

Tgt Ion:232 Resp: 11803
Ion Ratio Lower Upper
232 100
131 38.7 31.9 47.9
130 1.9 1.6 2.4
166 28.9 23.7 35.5

Manual Integrations

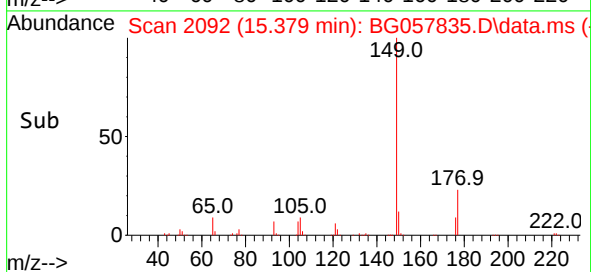
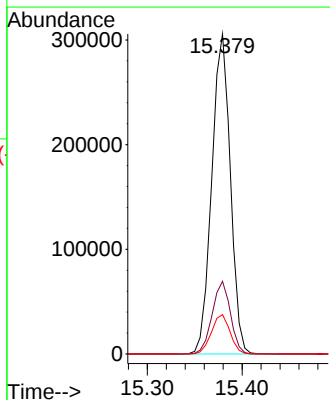
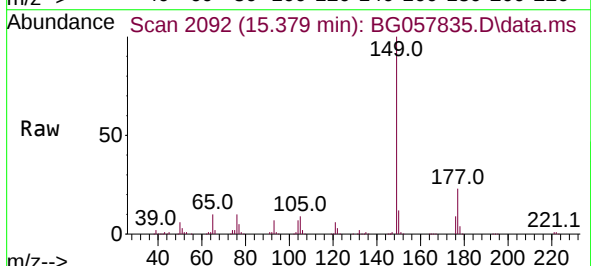
APPROVED

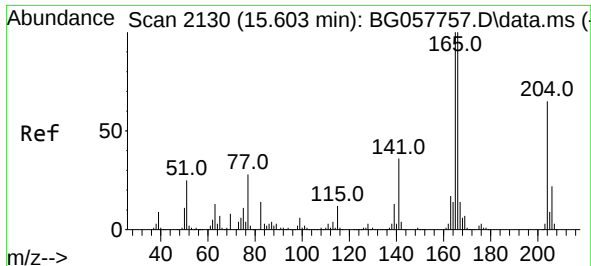
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#60
Diethylphthalate
Concen: 41.788 ng
RT: 15.379 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:149 Resp: 415016
Ion Ratio Lower Upper
149 100
177 22.7 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.630 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

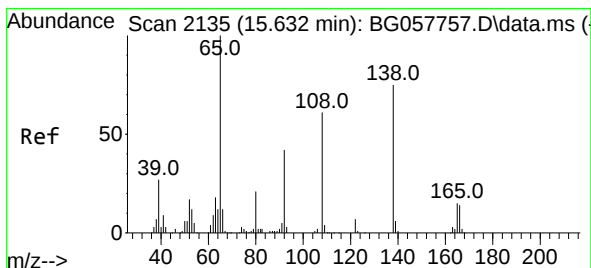
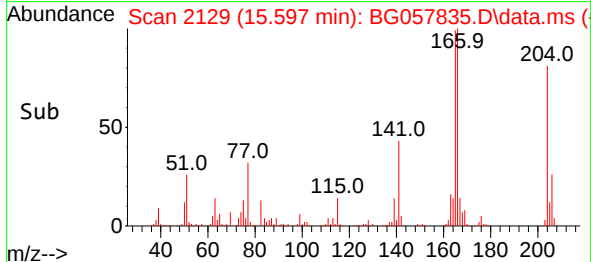
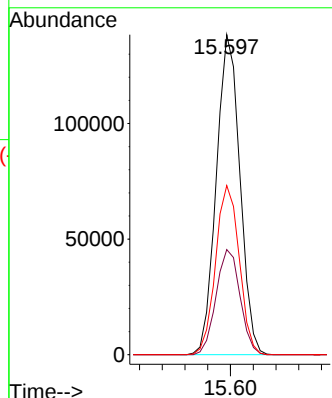
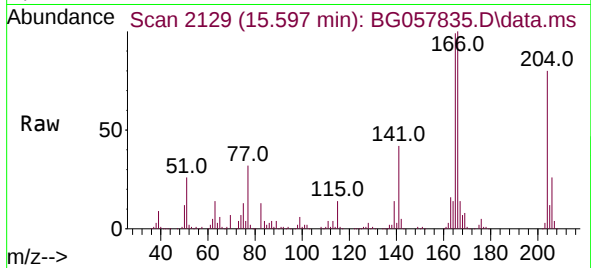
PB153685BS

Tgt Ion:204 Resp: 199040
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 52.9 44.3 66.5

Manual Integrations

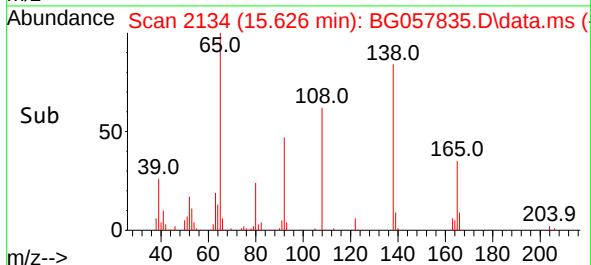
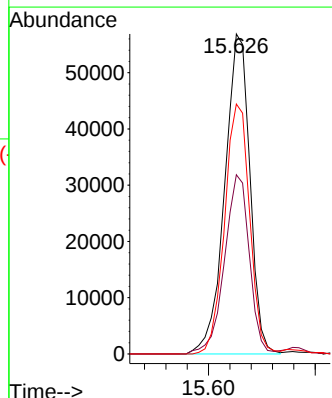
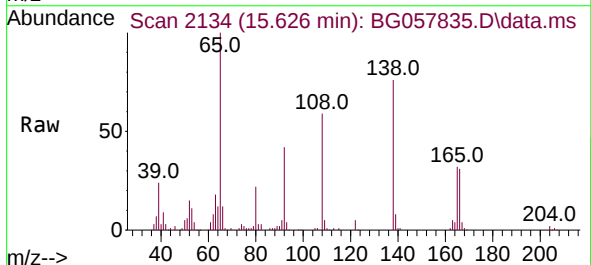
APPROVED

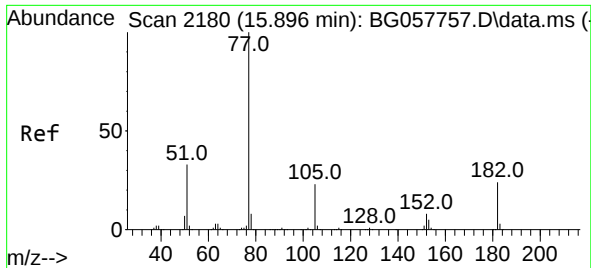
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#62
4-Nitroaniline
Concen: 45.526 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:138 Resp: 93240
Ion Ratio Lower Upper
138 100
92 56.0 35.9 75.9
108 78.1 62.1 102.1





#63
Azobenzene
Concen: 39.481 ng
RT: 15.890 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

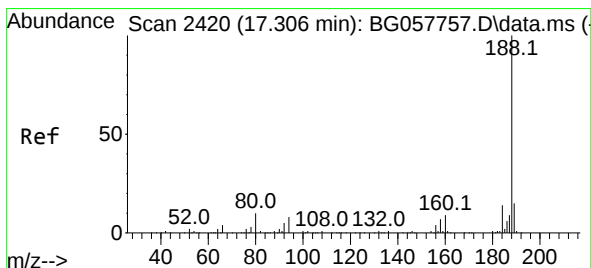
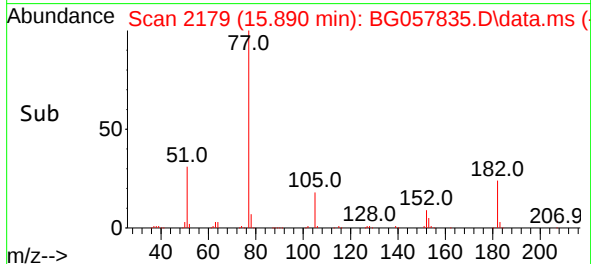
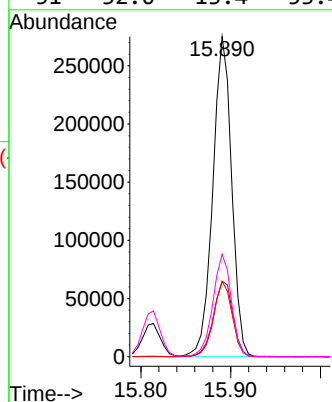
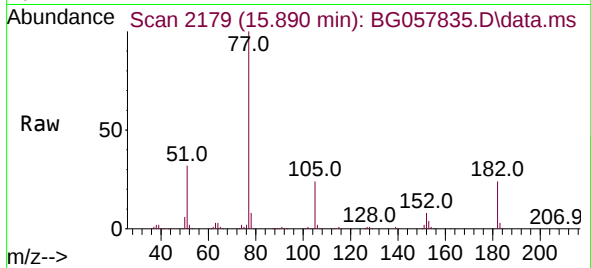
PB153685BS

Tgt Ion: 77 Resp: 401088
Ion Ratio Lower Upper
77 100
182 23.6 4.1 44.1
105 23.5 3.3 43.3
51 32.0 13.4 53.4

Manual Integrations

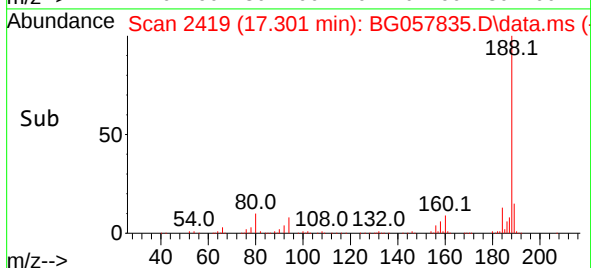
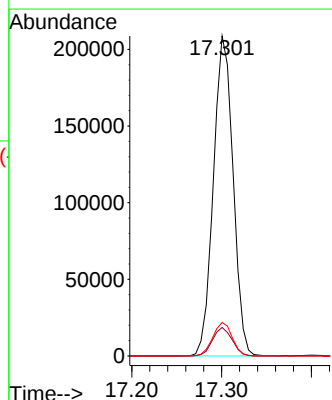
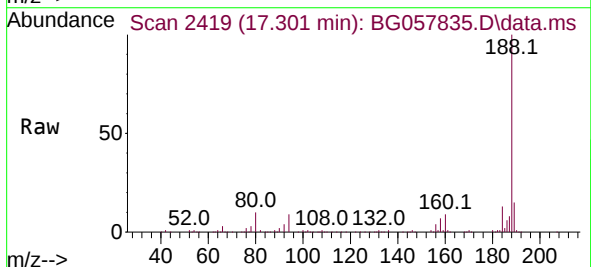
APPROVED

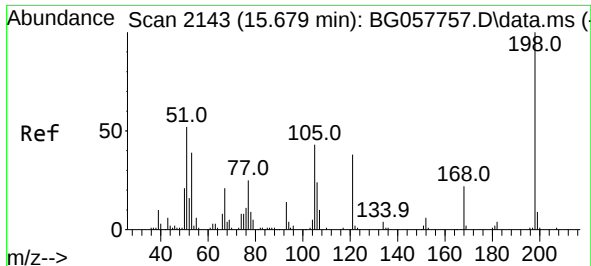
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:188 Resp: 317645
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 10.4 7.6 11.4





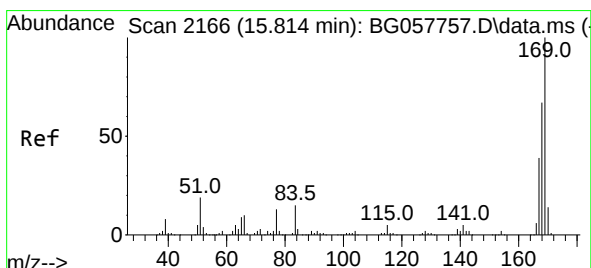
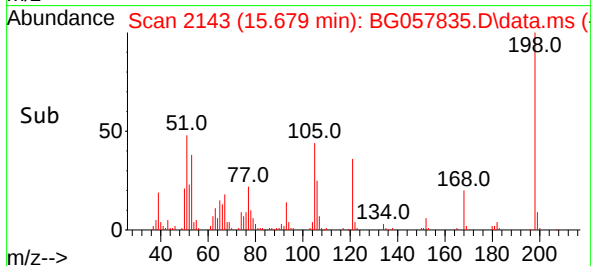
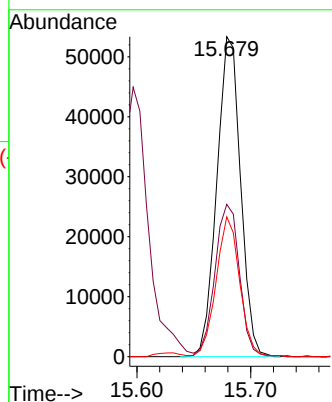
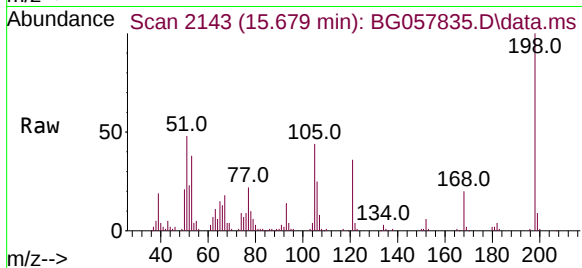
#65
4,6-Dinitro-2-methylphenol
Concen: 52.537 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :
BNA_G
ClientSampleId :
PB153685BS

Tgt Ion:198 Resp: 7748
Ion Ratio Lower Upper
198 100
51 47.6 36.6 76.6
105 43.7 24.3 64.3

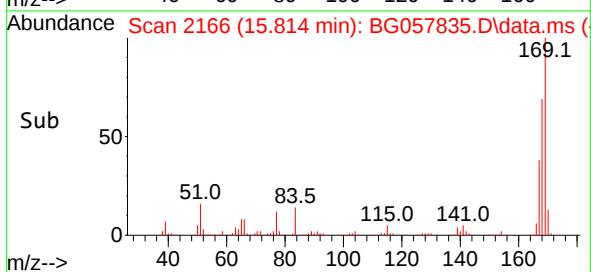
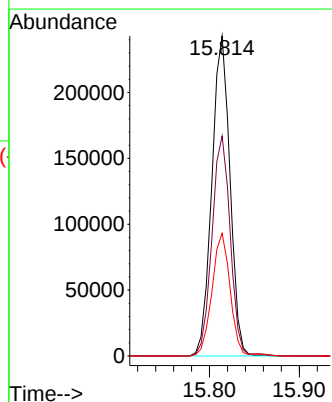
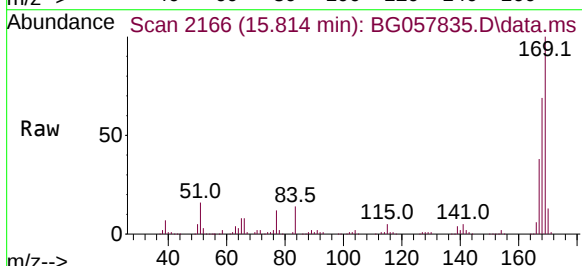
Manual Integrations
APPROVED

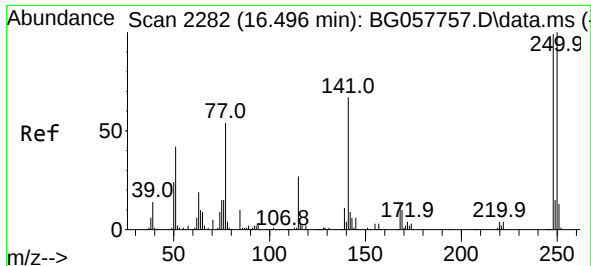
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 40.546 ng
RT: 15.814 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

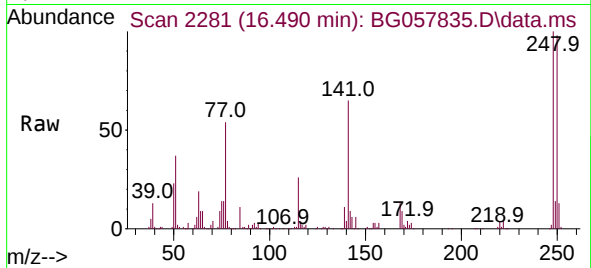
Tgt Ion:169 Resp: 339922
Ion Ratio Lower Upper
169 100
168 68.7 53.4 80.2
167 38.3 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 41.292 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

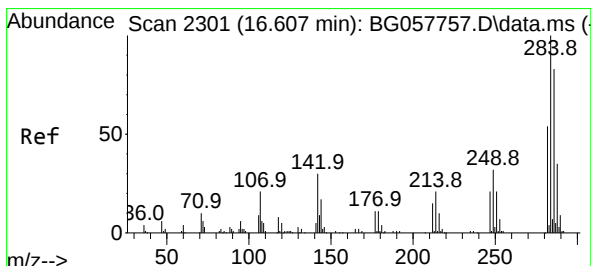
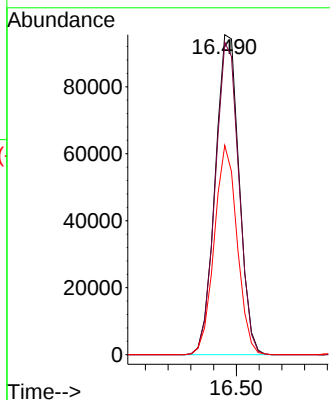
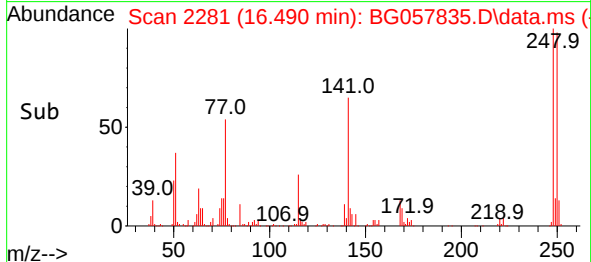
Instrument :
BNA_G
ClientSampleId :
PB153685BS



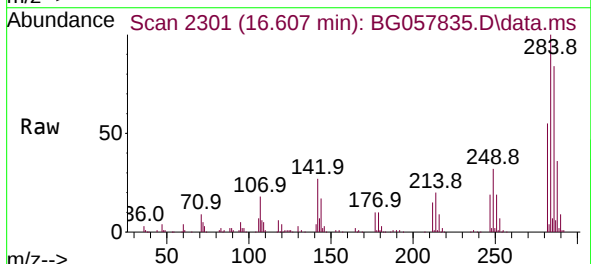
Tgt Ion:248 Resp: 139100
Ion Ratio Lower Upper
248 100
250 97.6 81.1 121.7
141 65.4 54.6 81.8

Manual Integrations
APPROVED

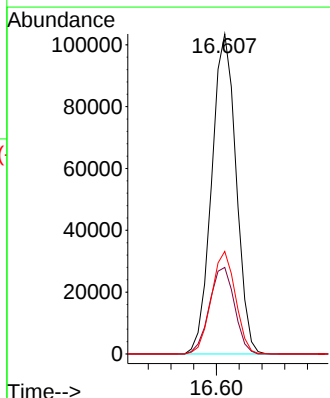
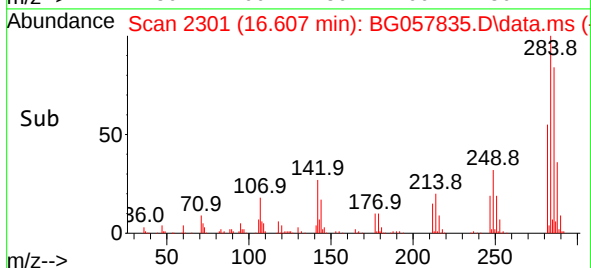
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

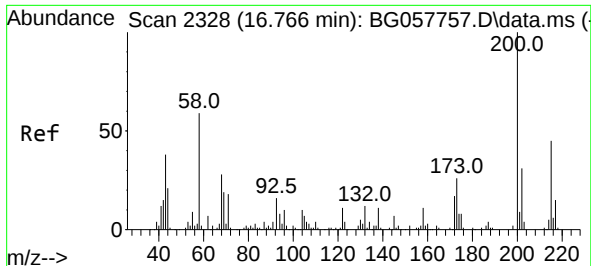


#68
Hexachlorobenzene
Concen: 44.907 ng
RT: 16.607 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:284 Resp: 154219
Ion Ratio Lower Upper
284 100
142 27.1 24.2 36.4
249 32.1 25.9 38.9





#69
 Atrazine
 Concen: 45.509 ng
 RT: 16.760 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057835.D
 Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

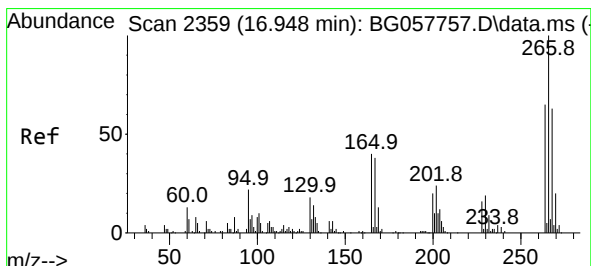
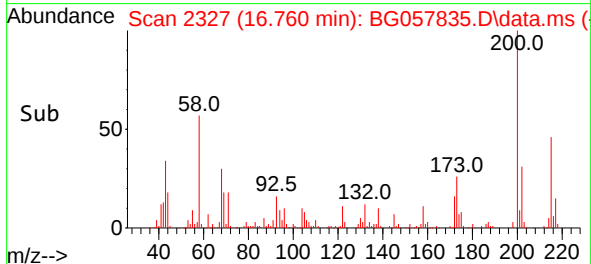
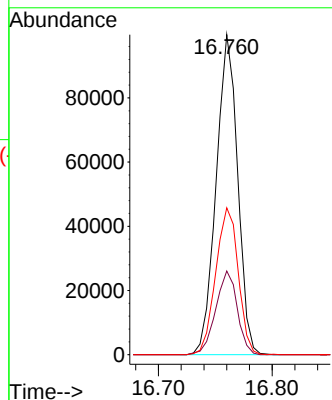
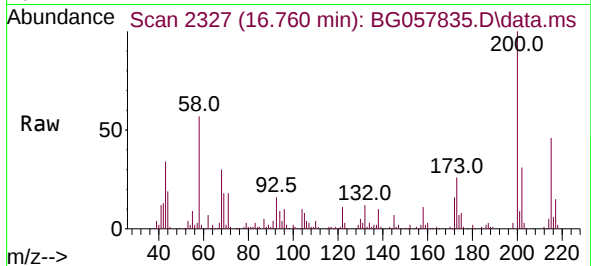
PB153685BS

Tgt Ion:200 Resp: 13096
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.6 45.6
 215 45.9 24.6 64.6

Manual Integrations

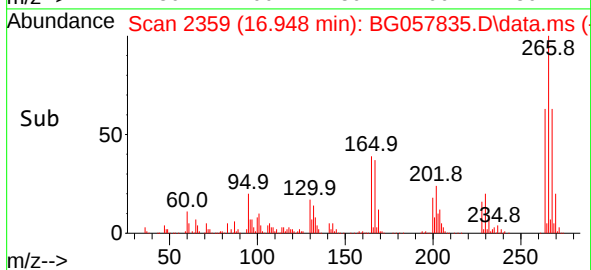
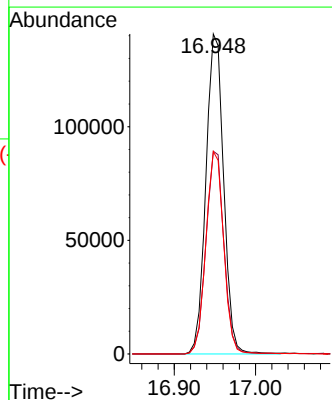
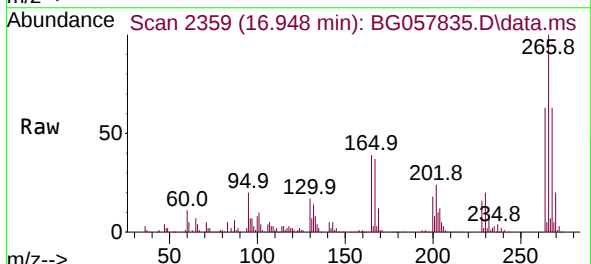
APPROVED

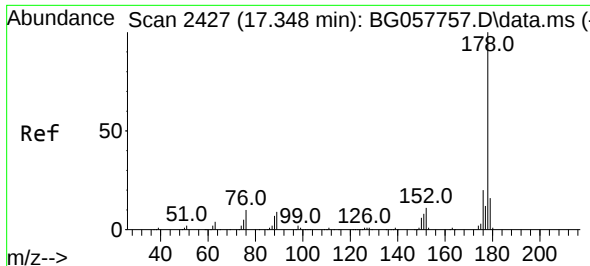
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#70
 Pentachlorophenol
 Concen: 83.944 ng
 RT: 16.948 min Scan# 2359
 Delta R.T. 0.000 min
 Lab File: BG057835.D
 Acq: 23 Jun 2023 9:53

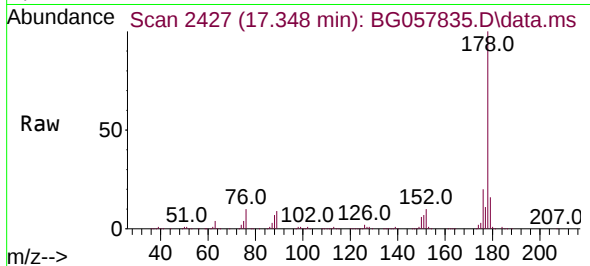
Tgt Ion:266 Resp: 212975
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.5 75.7
 264 63.2 51.8 77.6





#71
Phenanthrene
Concen: 40.683 ng
RT: 17.348 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

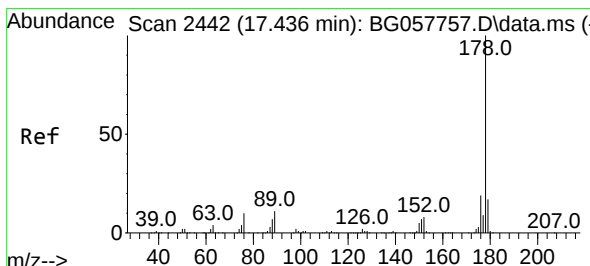
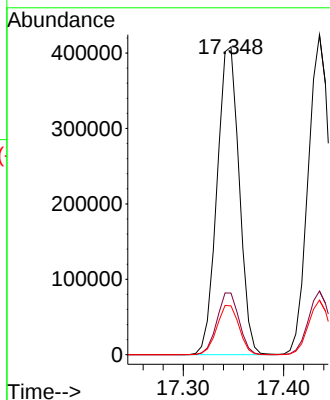
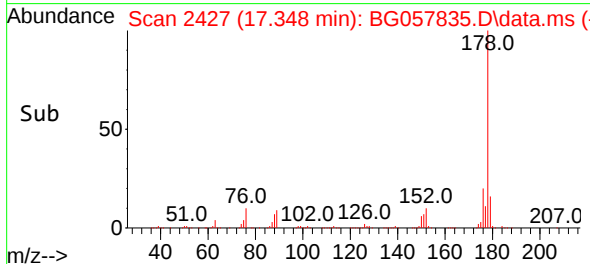
Instrument :
BNA_G
ClientSampleId :
PB153685BS



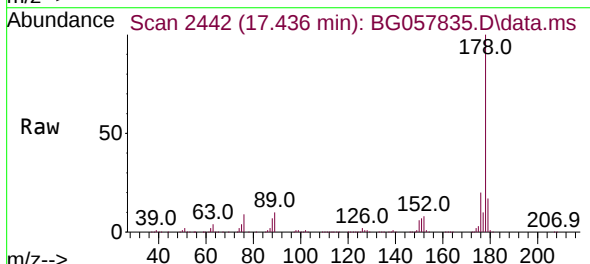
Tgt Ion:178 Resp: 625692
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.9 13.0 19.6

Manual Integrations
APPROVED

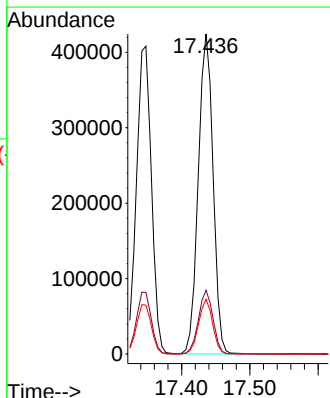
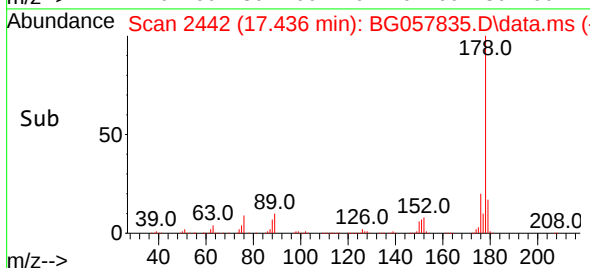
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

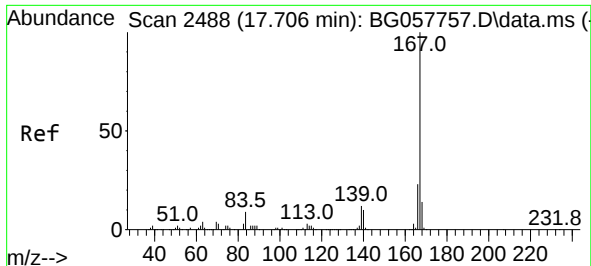


#72
Anthracene
Concen: 40.689 ng
RT: 17.436 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



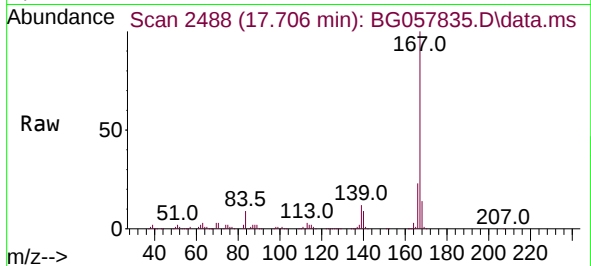
Tgt Ion:178 Resp: 639011
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 17.1 13.3 19.9





#73
 Carbazole
 Concen: 42.367 ng
 RT: 17.706 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BG057835.D
 Acq: 23 Jun 2023 9:53

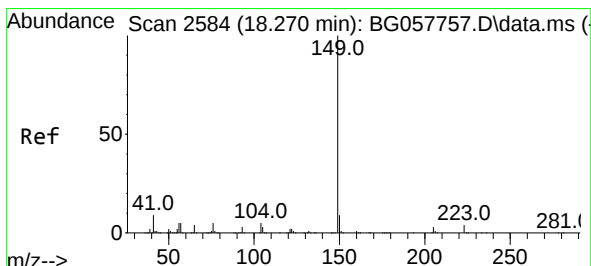
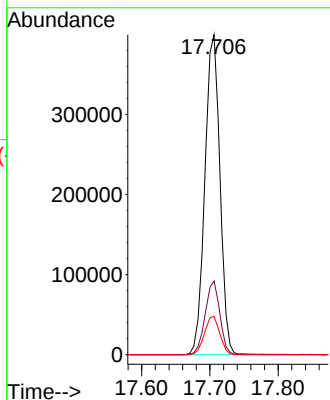
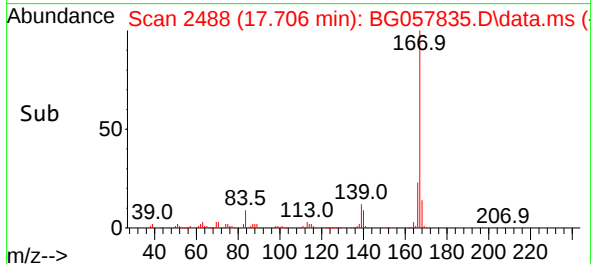
Instrument :
 BNA_G
 ClientSampleId :
 PB153685BS



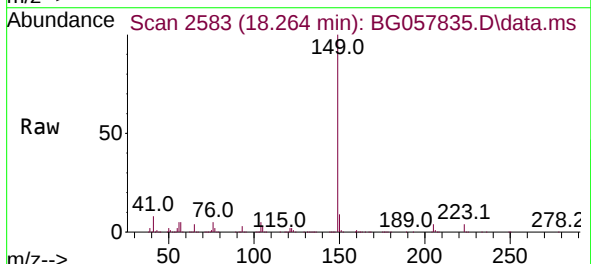
Tgt Ion:167 Resp: 61348
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.0 9.9 14.9

Manual Integrations
 APPROVED

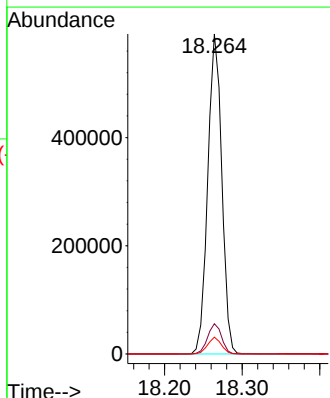
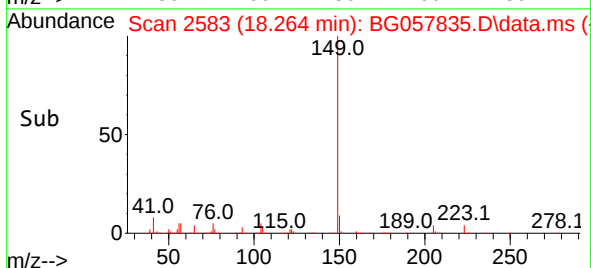
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

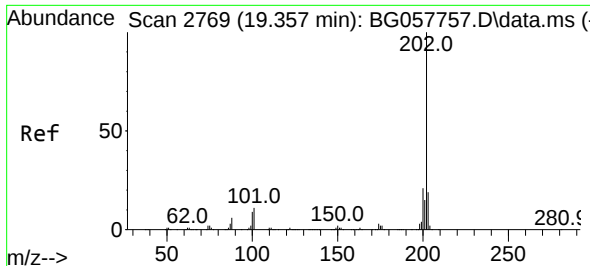


#74
 Di-n-butylphthalate
 Concen: 43.279 ng
 RT: 18.264 min Scan# 2583
 Delta R.T. -0.006 min
 Lab File: BG057835.D
 Acq: 23 Jun 2023 9:53



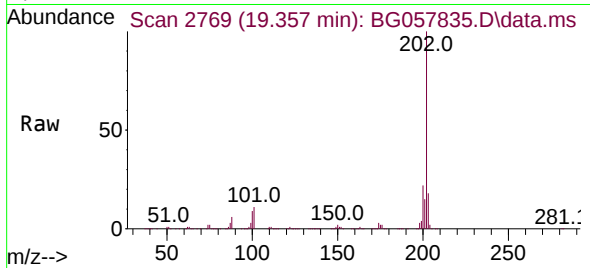
Tgt Ion:149 Resp: 742041
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 41.561 ng
RT: 19.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

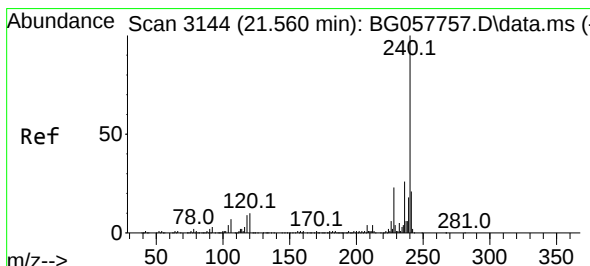
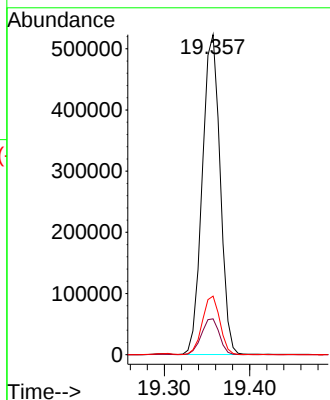
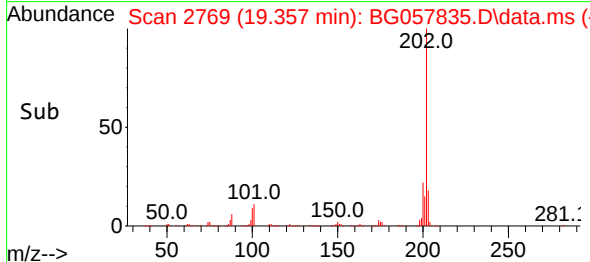
Instrument :
BNA_G
ClientSampleId :
PB153685BS



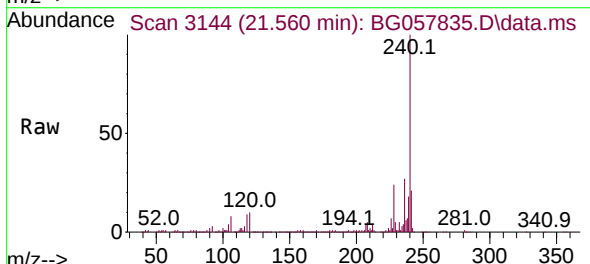
Tgt Ion:202 Resp: 76147
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 18.3 0.0 38.7

Manual Integrations
APPROVED

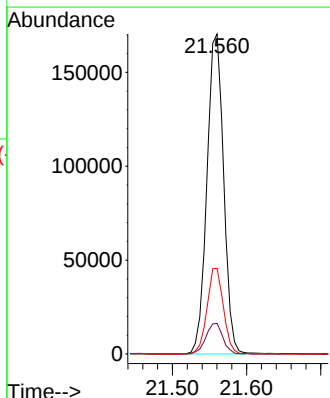
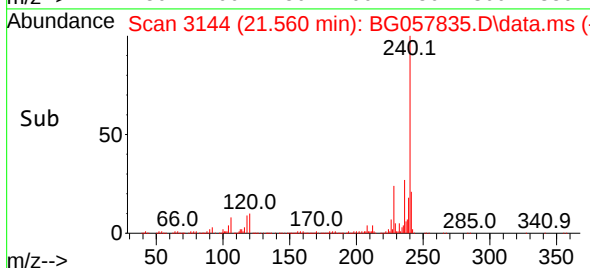
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

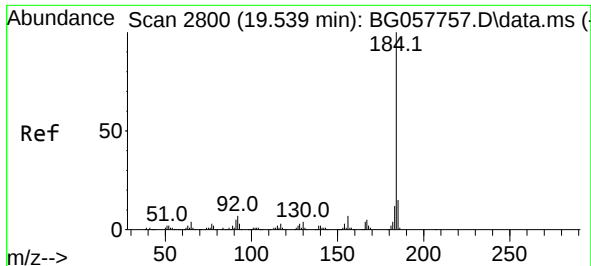


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



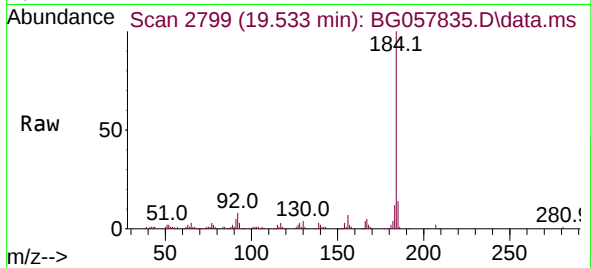
Tgt Ion:240 Resp: 266604
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.8 20.6 30.8





#77
Benzidine
Concen: 25.445 ng m
RT: 19.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

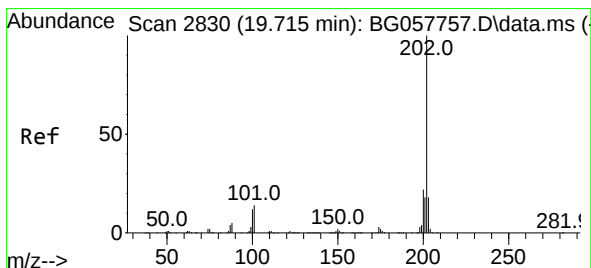
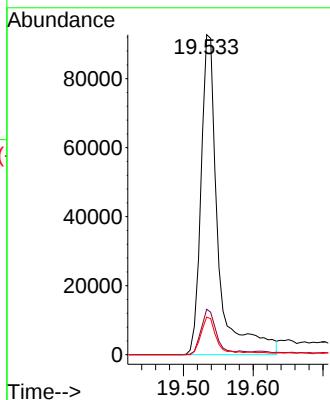
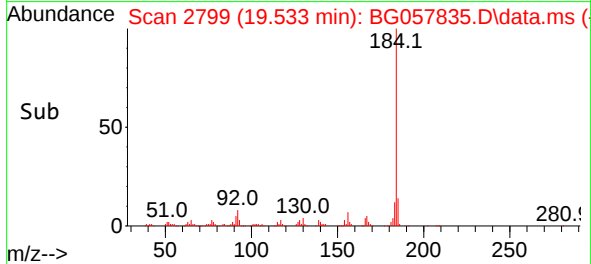
Instrument :
BNA_G
ClientSampleId :
PB153685BS



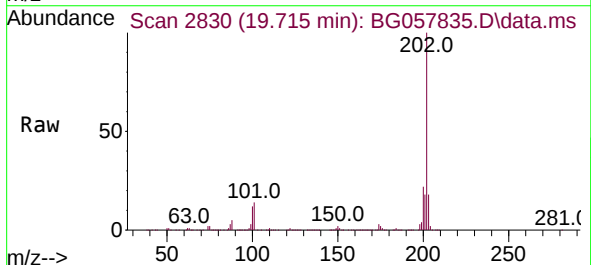
Tgt Ion:184 Resp: 15902
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.8 9.4 14.0

Manual Integrations
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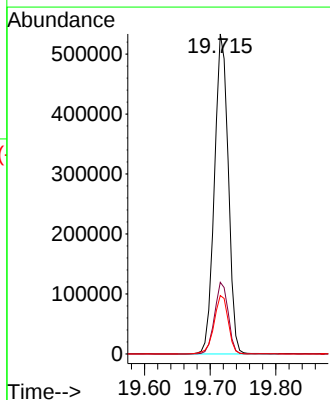
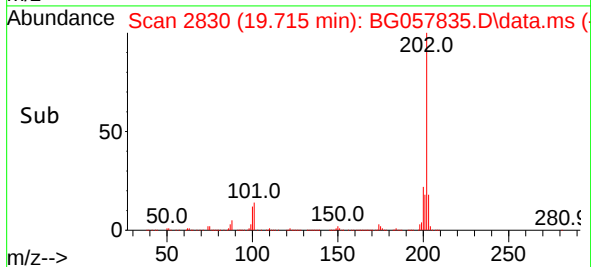
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

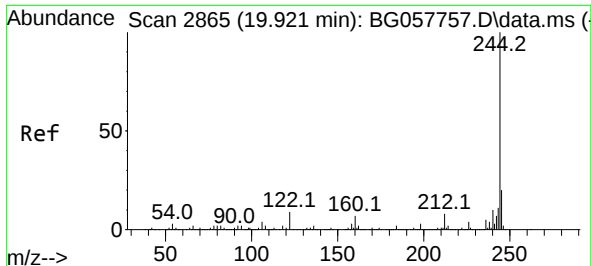


#78
Pyrene
Concen: 40.853 ng
RT: 19.715 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:202 Resp: 776942
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.0
203 18.2 14.6 22.0





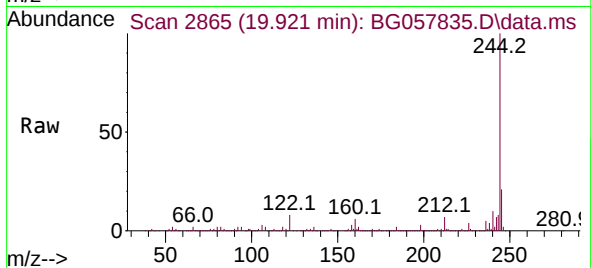
#79
 Terphenyl-d14
 Concen: 83.669 ng
 RT: 19.921 min Scan# 2865
 Delta R.T. 0.000 min
 Lab File: BG057835.D
 Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

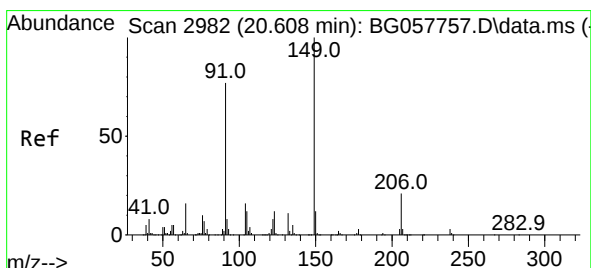
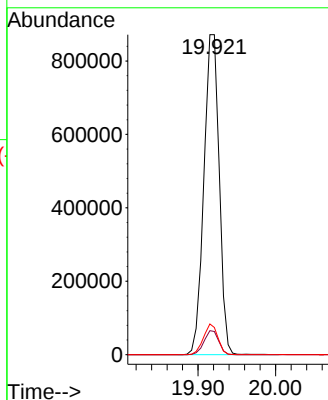
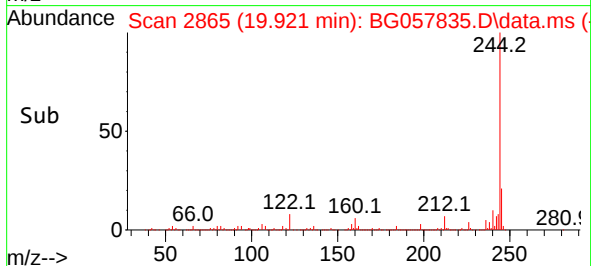


Tgt Ion:244 Resp: 119627
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.5 7.6 11.4

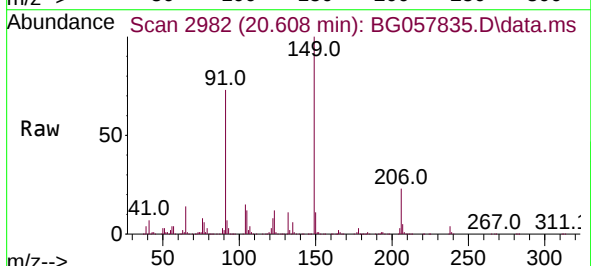
Manual Integrations

APPROVED

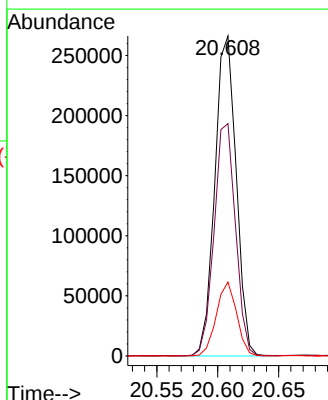
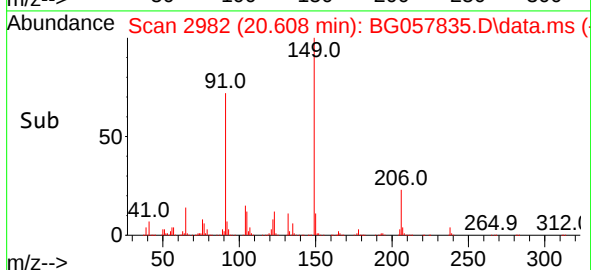
Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

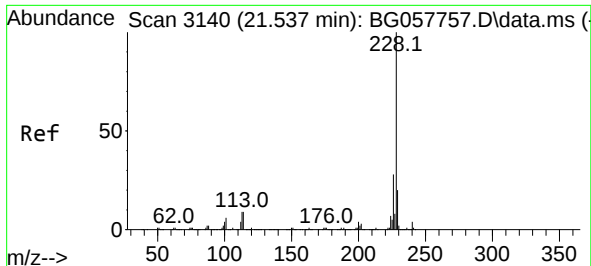


#80
 Butylbenzylphthalate
 Concen: 44.959 ng
 RT: 20.608 min Scan# 2982
 Delta R.T. 0.000 min
 Lab File: BG057835.D
 Acq: 23 Jun 2023 9:53



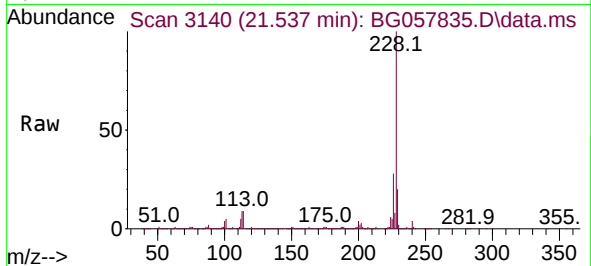
Tgt Ion:149 Resp: 325263
 Ion Ratio Lower Upper
 149 100
 91 72.6 61.7 92.5
 206 23.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 42.405 ng
RT: 21.537 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

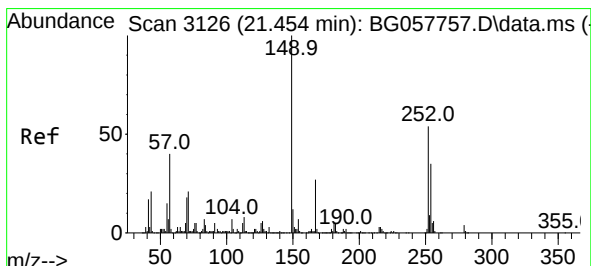
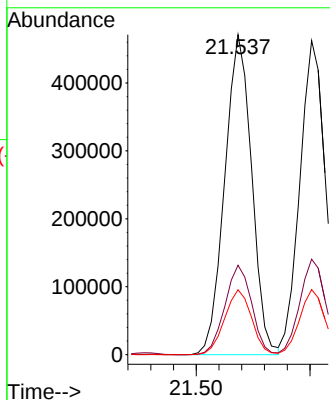
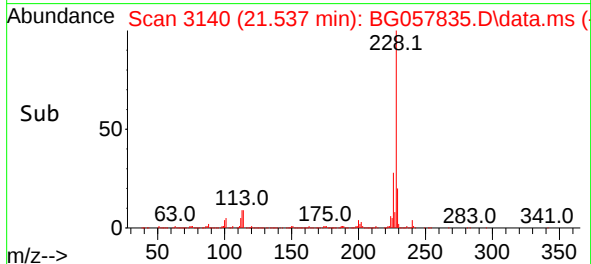
Instrument :
BNA_G
ClientSampleId :
PB153685BS



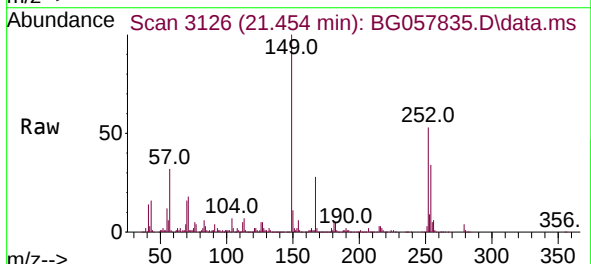
Tgt Ion:228 Resp: 77565
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.3 16.3 24.5

Manual Integrations
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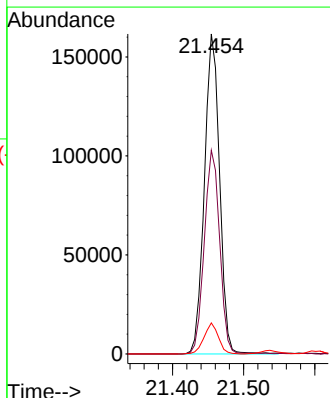
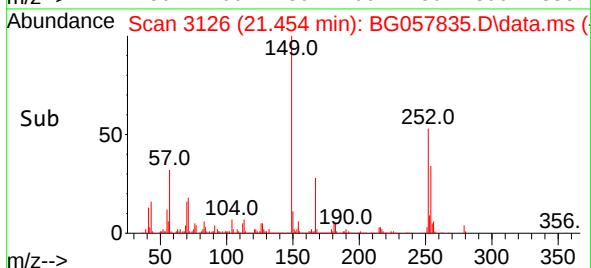
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

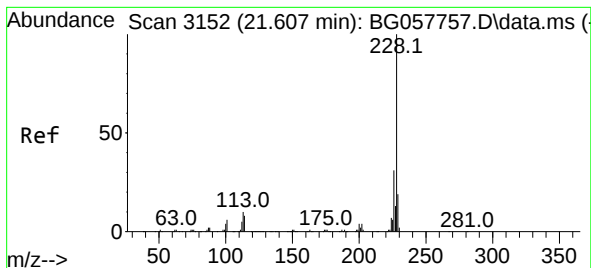


#82
3,3'-Dichlorobenzidine
Concen: 38.662 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:252 Resp: 240530
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.6
126 9.7 7.0 10.6





#83

Chrysene

Concen: 40.936 ng

RT: 21.601 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

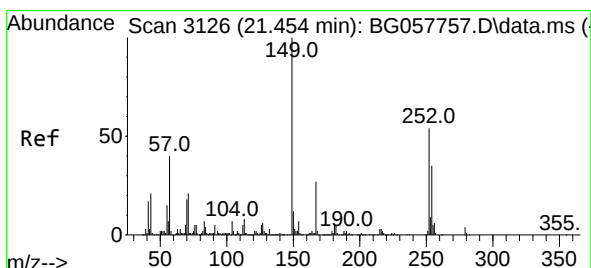
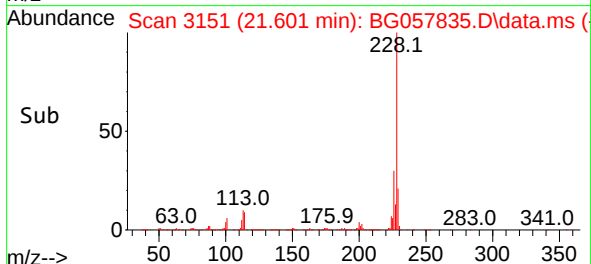
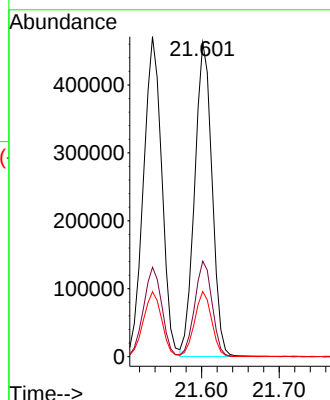
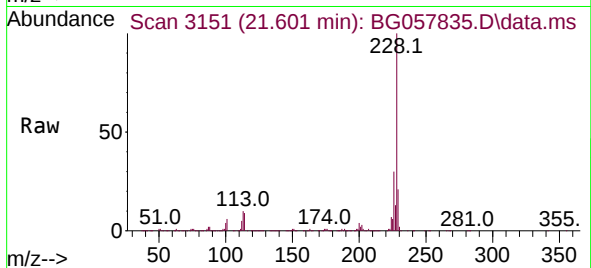
PB153685BS

Tgt Ion:228 Resp: 718604
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.8 37.2
 229 20.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.797 ng

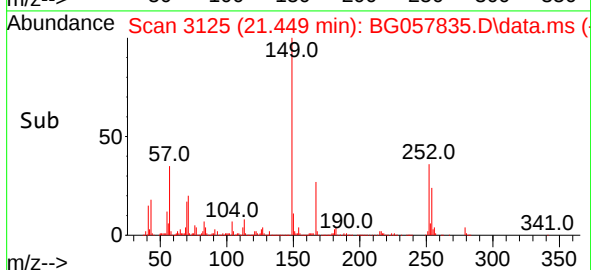
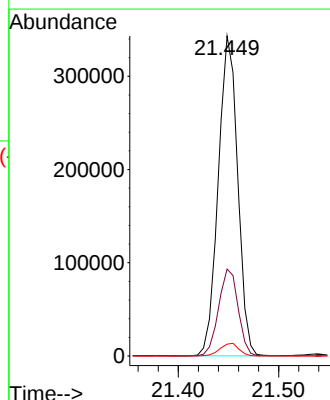
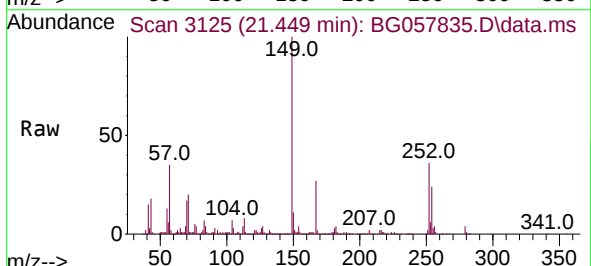
RT: 21.449 min Scan# 3125

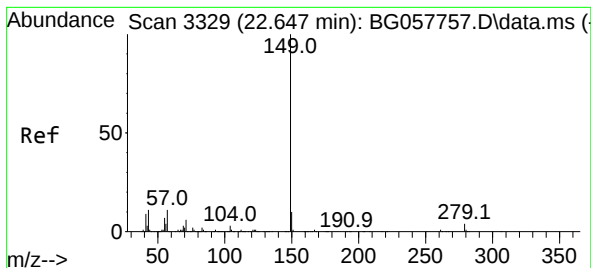
Delta R.T. -0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion:149 Resp: 460045
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.422 ng

RT: 22.635 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

PB153685BS

Tgt Ion:149 Resp: 836840

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

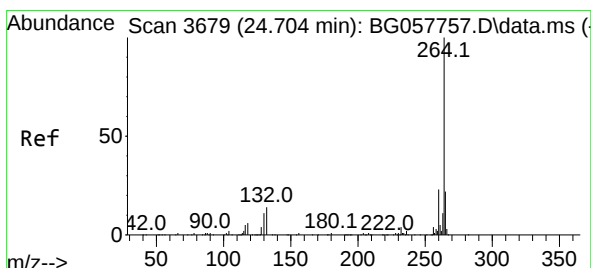
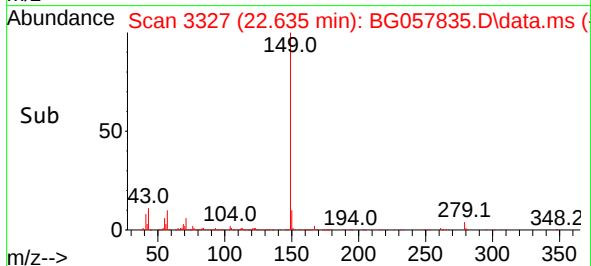
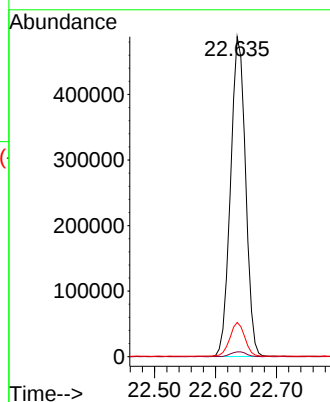
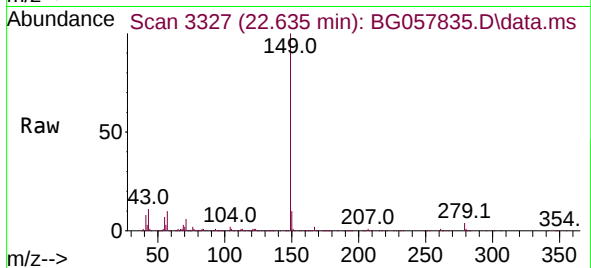
43 10.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.709 min Scan# 3680

Delta R.T. 0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

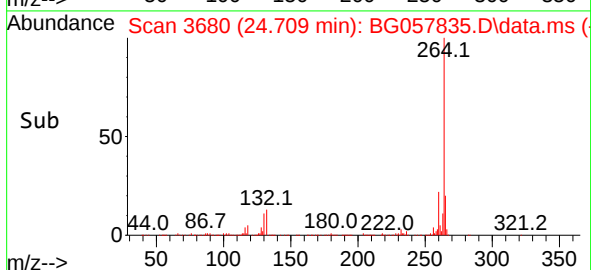
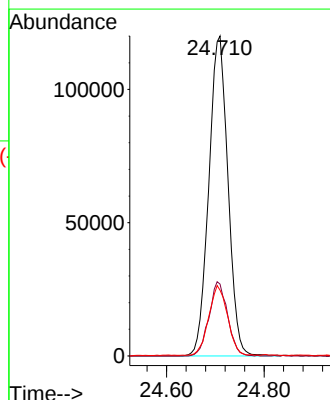
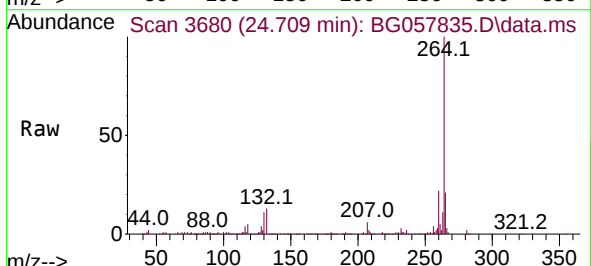
Tgt Ion:264 Resp: 326593

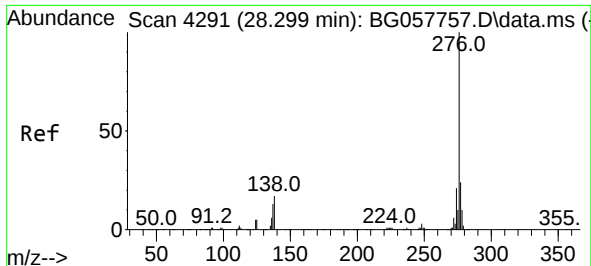
Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 20.6 17.4 26.2





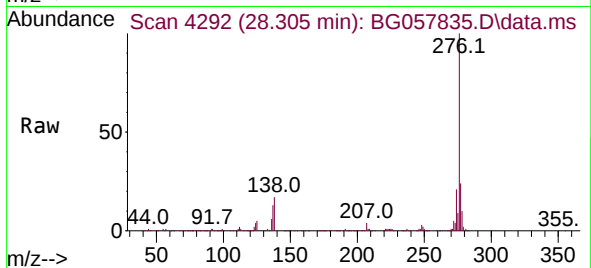
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.714 ng
RT: 28.305 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

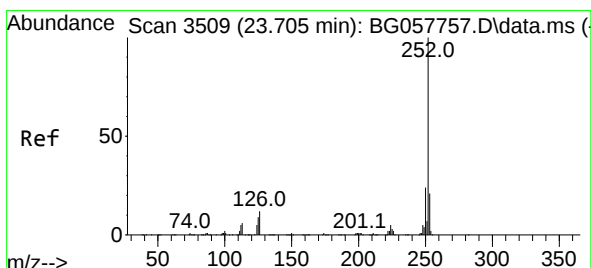
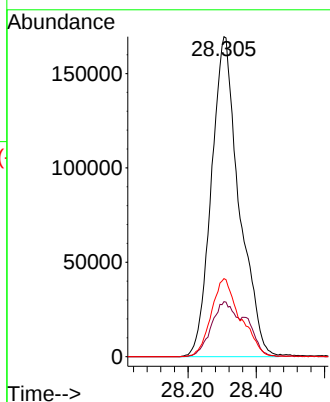
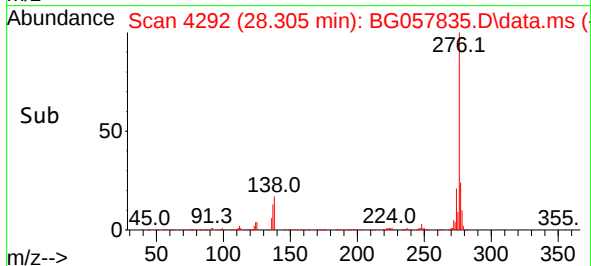
PB153685BS



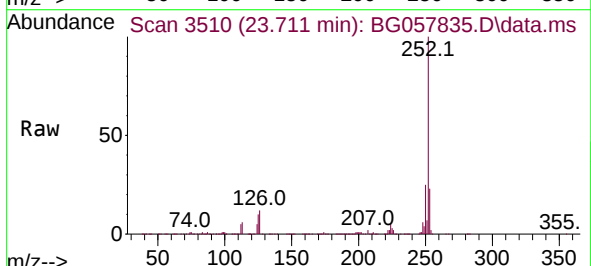
Tgt Ion:276 Resp: 95477
Ion Ratio Lower Upper
276 100
138 15.4 11.3 16.9
277 25.6 20.4 30.6

Manual Integrations
APPROVED

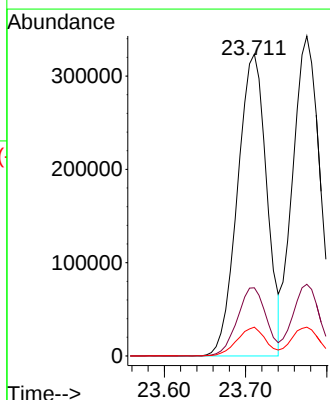
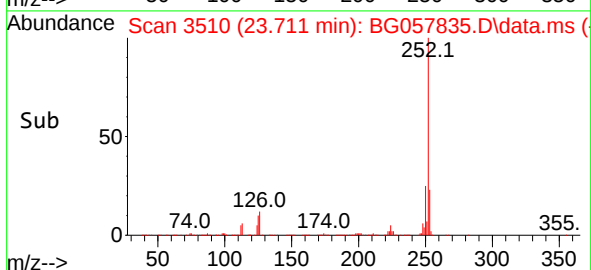
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023

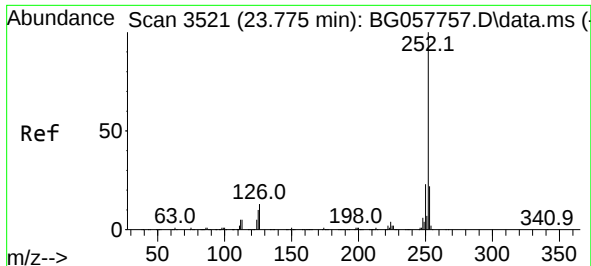


#88
Benzo(b)fluoranthene
Concen: 45.069 ng
RT: 23.711 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53



Tgt Ion:252 Resp: 806602
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 9.5 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 43.774 ng
RT: 23.775 min Scan# 3521
Delta R.T. 0.000 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

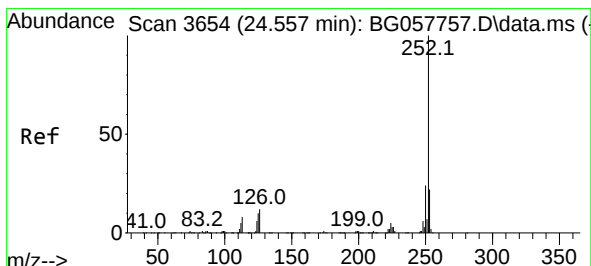
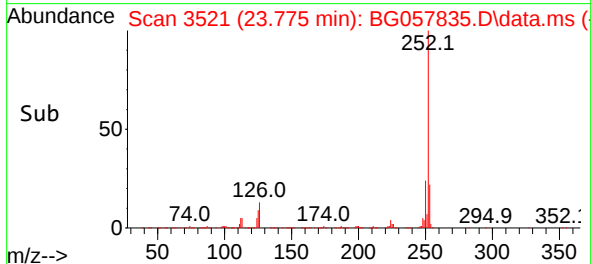
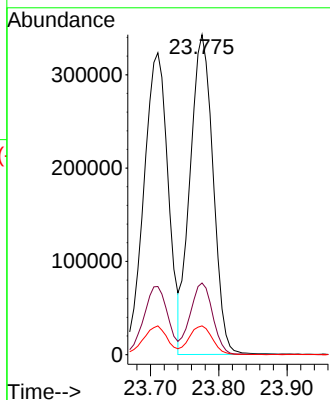
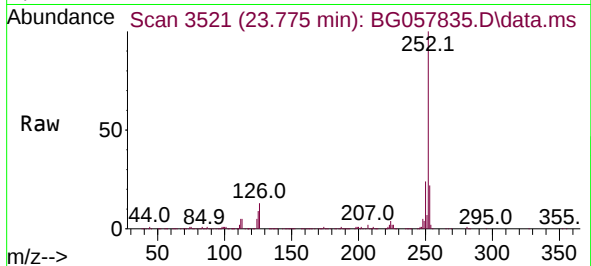
ClientSampleId :

PB153685BS

Tgt Ion:252 Resp: 797890
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.0 7.6 11.4

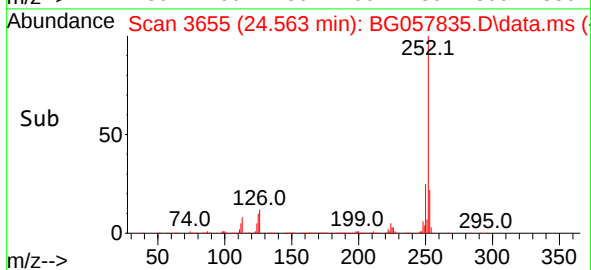
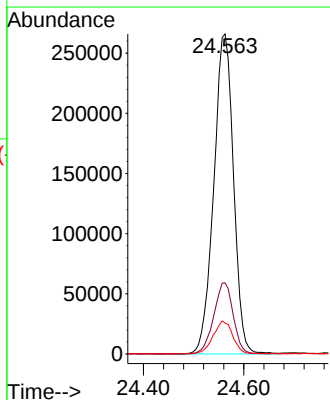
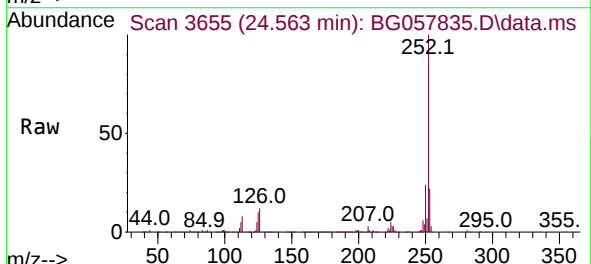
Manual Integrations
APPROVED

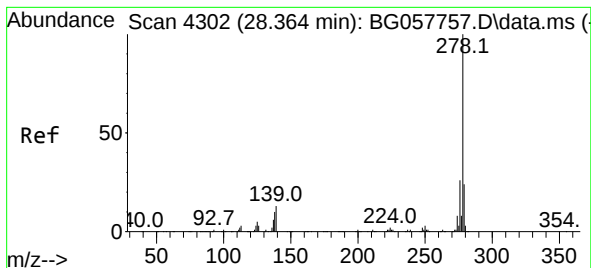
Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 41.306 ng
RT: 24.563 min Scan# 3655
Delta R.T. 0.006 min
Lab File: BG057835.D
Acq: 23 Jun 2023 9:53

Tgt Ion:252 Resp: 726024
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.7 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.056 ng

RT: 28.370 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Instrument :

BNA_G

ClientSampleId :

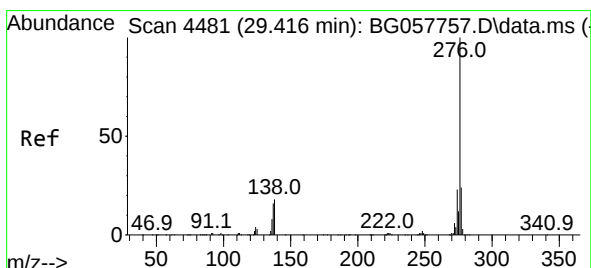
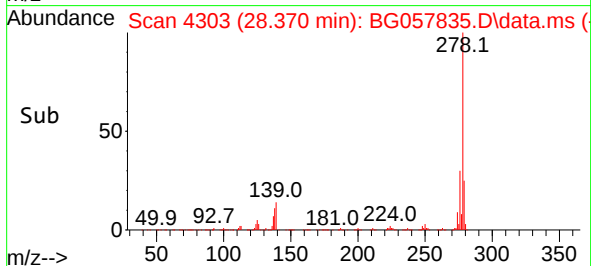
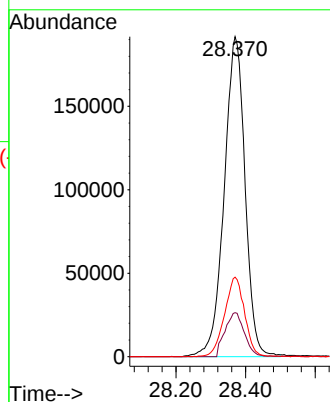
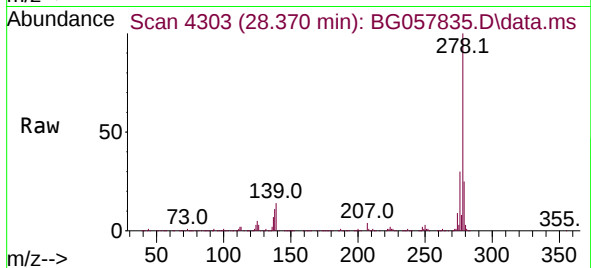
PB153685BS

Tgt Ion:278 Resp: 79825
 Ion Ratio Lower Upper
 278 100
 139 13.7 10.8 16.2
 279 24.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023



#92

Benzo(g,h,i)perylene

Concen: 43.936 ng

RT: 29.433 min Scan# 4484

Delta R.T. 0.018 min

Lab File: BG057835.D

Acq: 23 Jun 2023 9:53

Tgt Ion:276 Resp: 779421
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.4 29.0
 138 18.2 14.2 21.4

