

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057817.D
 Acq On : 22 Jun 2023 20:58
 Operator : CG/JU
 Sample : PB153649BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153649BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:45:58 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	33728	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	157618	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	114581	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	285472	20.000	ng	0.00
76) Chrysene-d12	21.555	240	243865	20.000	ng	0.00
86) Perylene-d12	24.704	264	307620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	339963	155.417	ng	0.00
7) Phenol-d6	7.084	99	479177	143.566	ng	0.00
23) Nitrobenzene-d5	9.081	82	273020	88.901	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	233436	146.254	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	646849	85.625	ng	0.00
79) Terphenyl-d14	19.916	244	1200227	91.773	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	35571	35.724	ng	93
3) Pyridine	3.788	79	98198	32.380	ng	94
4) n-Nitrosodimethylamine	3.705	42	54541	39.360	ng	90
6) Aniline	7.248	93	155741	36.442	ng	98
8) 2-Chlorophenol	7.483	128	122894	54.612	ng	96
9) Benzaldehyde	7.060	77	65459	31.191	ng	97
10) Phenol	7.113	94	174880	53.215	ng	93
11) bis(2-Chloroethyl)ether	7.342	93	114331	45.250	ng	91
12) 1,3-Dichlorobenzene	7.812	146	109427	47.782	ng	95
13) 1,4-Dichlorobenzene	7.959	146	113545	48.932	ng	95
14) 1,2-Dichlorobenzene	8.277	146	110132	49.049	ng	96
15) Benzyl Alcohol	8.159	79	122172	47.871	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	195958	40.373	ng	95
17) 2-Methylphenol	8.359	107	119032	49.247	ng	95
18) Hexachloroethane	9.005	117	40494	49.490	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	99044	42.564	ng	92
20) 3+4-Methylphenols	8.688	107	163223	48.888	ng	96
22) Acetophenone	8.741	105	194744	44.060	ng	97
24) Nitrobenzene	9.123	77	139720	43.714	ng	95
25) Isophorone	9.646	82	288988	41.188	ng	98
26) 2-Nitrophenol	9.834	139	62414	61.379	ng	98
27) 2,4-Dimethylphenol	9.892	122	126448	50.226	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	167803	44.410	ng	98
29) 2,4-Dichlorophenol	10.368	162	121400	50.779	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	121733	45.681	ng	99
31) Naphthalene	10.774	128	366211	43.655	ng	99
32) Benzoic acid	10.027	122	96976	52.319	ng	94
33) 4-Chloroaniline	10.879	127	82916	21.332	ng	97
34) Hexachlorobutadiene	11.056	225	71200	43.794	ng	97
35) Caprolactam	11.655	113	48353m	49.842	ng	
36) 4-Chloro-3-methylphenol	12.002	107	152967	48.992	ng	99
37) 2-Methylnaphthalene	12.384	142	261594	42.781	ng	97
38) 1-Methylnaphthalene	12.601	142	247760	42.924	ng	97
40) 1,2,4,5-Tetrachloroben...	12.748	216	142585	44.888	ng	99
41) Hexachlorocyclopentadiene	12.730	237	190368	112.884	ng	99
43) 2,4,6-Trichlorophenol	12.989	196	112571	49.493	ng	97

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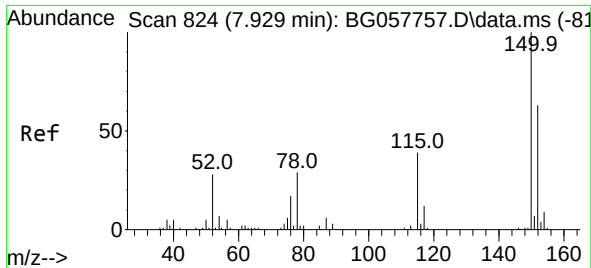
Quant Time: Jun 23 03:45:58 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
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Manual Integrations
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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	127463	48.077	ng	94
46) 1,1'-Biphenyl	13.388	154	357015	45.379	ng	99
47) 2-Chloronaphthalene	13.435	162	274653	45.441	ng	97
48) 2-Nitroaniline	13.635	65	109621	51.036	ng	96
49) Acenaphthylene	14.281	152	464687	44.791	ng	98
50) Dimethylphthalate	14.011	163	398985	45.337	ng	98
51) 2,6-Dinitrotoluene	14.129	165	86342	53.278	ng	93
52) Acenaphthene	14.622	154	329170m	51.252	ng	
53) 3-Nitroaniline	14.458	138	58085	31.805	ng	98
54) 2,4-Dinitrophenol	14.663	184	103225	117.011	ng	99
55) Dibenzofuran	14.957	168	459146	44.461	ng	99
56) 4-Nitrophenol	14.769	139	163923	112.941	ng	93
57) 2,4-Dinitrotoluene	14.916	165	125941	57.307	ng	97
58) Fluorene	15.603	166	368215	45.044	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	117812	52.142	ng	99
60) Diethylphthalate	15.374	149	415536	46.024	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	196361	45.176	ng	97
62) 4-Nitroaniline	15.627	138	92841	49.864	ng	96
63) Azobenzene	15.891	77	399713	43.280	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	74101	55.563	ng	93
66) n-Nitrosodiphenylamine	15.809	169	335215	44.491	ng	97
67) 4-Bromophenyl-phenylether	16.490	248	134448	44.409	ng	94
68) Hexachlorobenzene	16.602	284	150210	48.669	ng	98
69) Atrazine	16.761	200	142936	55.265	ng	98
70) Pentachlorophenol	16.949	266	206328	90.490	ng	98
71) Phenanthrene	17.342	178	622640	45.047	ng	99
72) Anthracene	17.431	178	640746	45.398	ng	99
73) Carbazole	17.701	167	606604	46.613	ng	100
74) Di-n-butylphthalate	18.265	149	729171	47.321	ng	100
75) Fluoranthene	19.352	202	747586	45.401	ng	99
77) Benzidine	19.534	184	398412	69.696	ng	99
78) Pyrene	19.716	202	767082	44.095	ng	100
80) Butylbenzylphthalate	20.603	149	319670	48.306	ng	97
81) Benzo(a)anthracene	21.532	228	769389	45.985	ng	99
82) 3,3'-Dichlorobenzidine	21.449	252	191075	33.577	ng	98
83) Chrysene	21.596	228	707470	44.060	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	456715	47.535	ng	99
85) Di-n-octyl phthalate	22.636	149	825218	48.968	ng	96
87) Indeno(1,2,3-cd)pyrene	28.288	276	949824	47.225	ng	98
88) Benzo(b)fluoranthene	23.706	252	816539	48.438	ng	99
89) Benzo(k)fluoranthene	23.770	252	793710	46.230	ng	100
90) Benzo(a)pyrene	24.552	252	724381	43.755	ng	100
91) Dibenzo(a,h)anthracene	28.353	278	796706	47.742	ng	99
92) Benzo(g,h,i)perylene	29.411	276	778421	46.586	ng	99

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



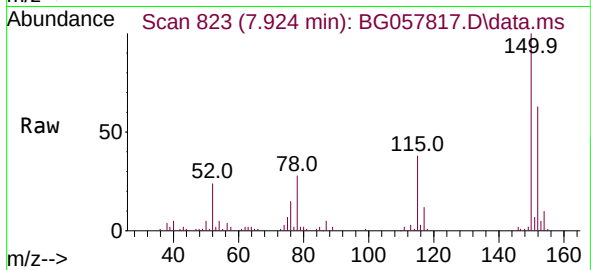
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

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PB153649BS



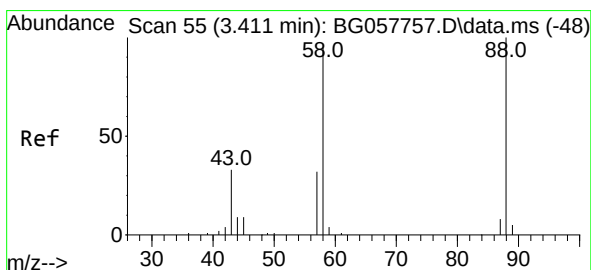
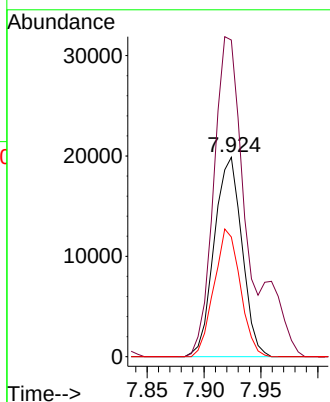
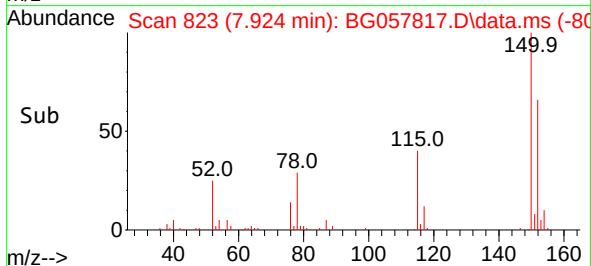
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Ion Ratio Lower Upper
152 100
150 158.8 126.6 189.8
115 60.0 48.9 73.3

Manual Integrations

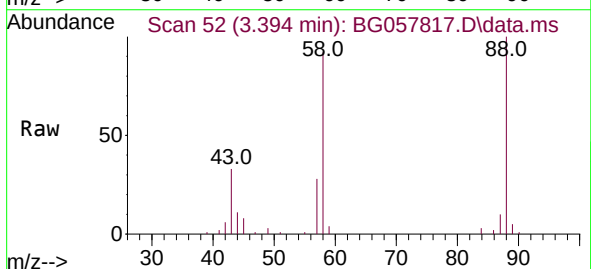
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Reviewed By :Yogesh Patel 06/23/2023

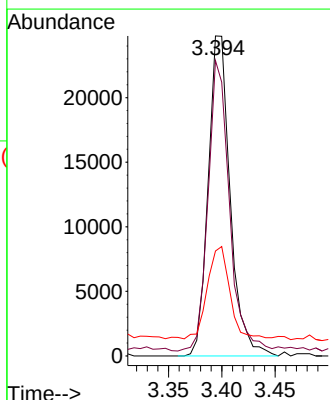
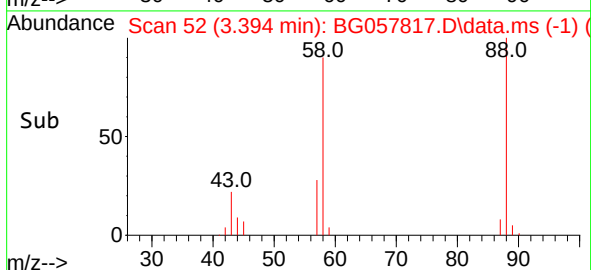
Supervised By :mohammad ahmed 06/23/2023

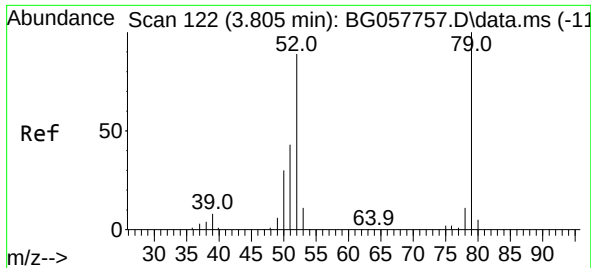


#2
1,4-Dioxane
Concen: 35.724 ng
RT: 3.394 min Scan# 52
Delta R.T. -0.017 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion: 88 Resp: 35571
Ion Ratio Lower Upper
88 100
58 87.7 76.2 114.4
43 29.1 26.3 39.5





#3
Pyridine
Concen: 32.380 ng
RT: 3.788 min Scan# 111
Delta R.T. -0.017 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

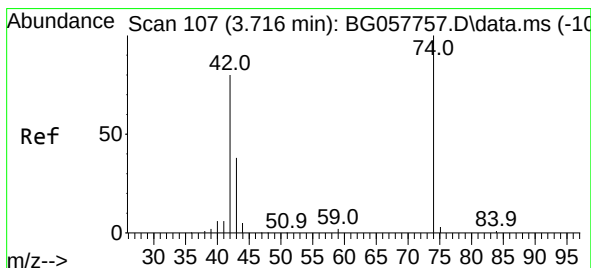
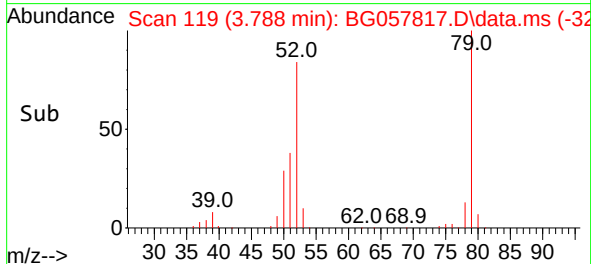
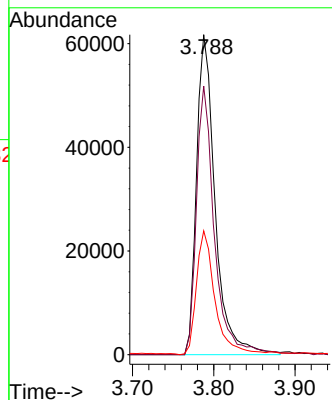
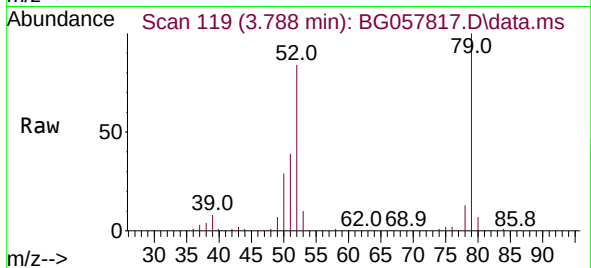
PB153649BS

Tgt Ion: 79 Resp: 98198
Ion Ratio Lower Upper
79 100
52 84.0 71.4 107.0
51 38.7 34.9 52.3

Manual Integrations

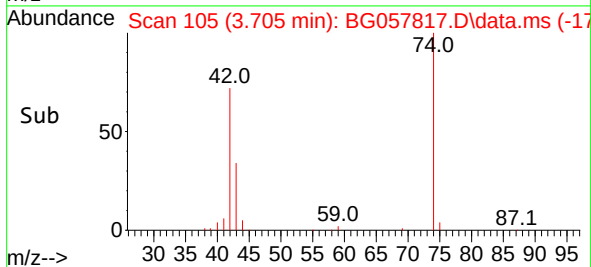
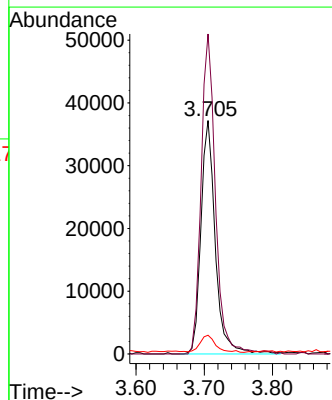
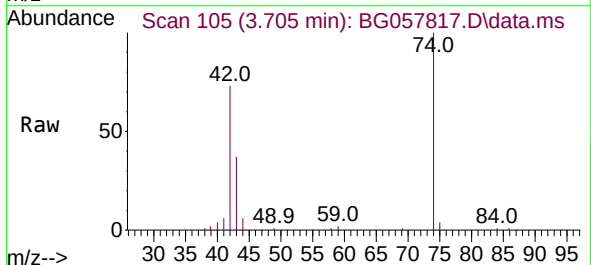
APPROVED

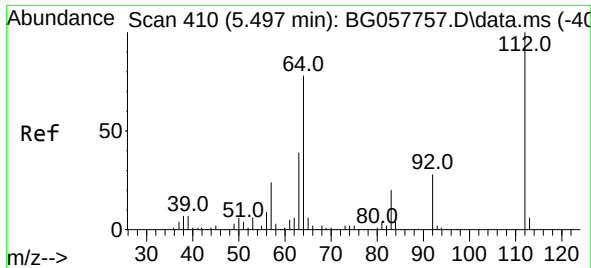
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#4
n-Nitrosodimethylamine
Concen: 39.360 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion: 42 Resp: 54541
Ion Ratio Lower Upper
42 100
74 137.1 99.9 149.9
44 8.0 6.0 9.0





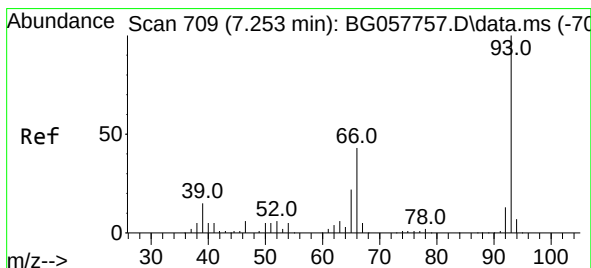
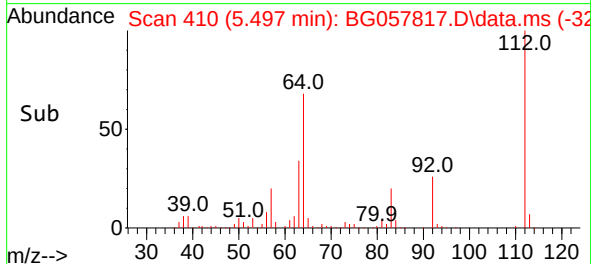
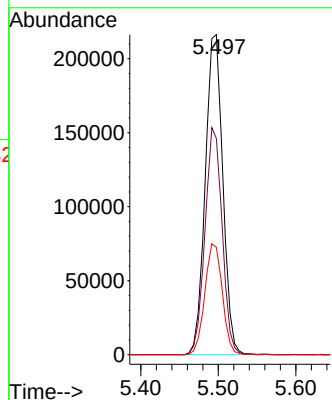
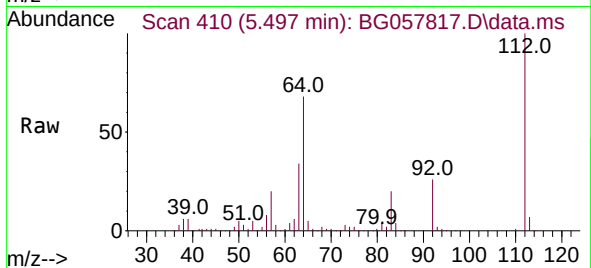
#5
2-Fluorophenol
Concen: 155.417 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :
BNA_G
ClientSampleId :
PB153649BS

Tgt Ion:112 Resp: 33996
Ion Ratio Lower Upper
112 100
64 67.5 62.1 93.1
63 33.5 31.5 47.3

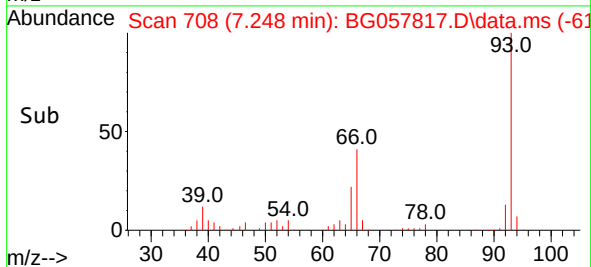
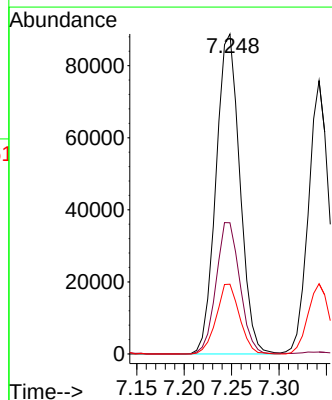
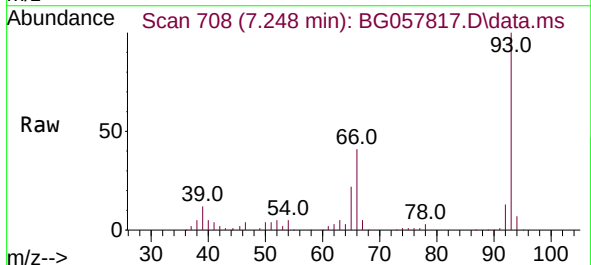
Manual Integrations
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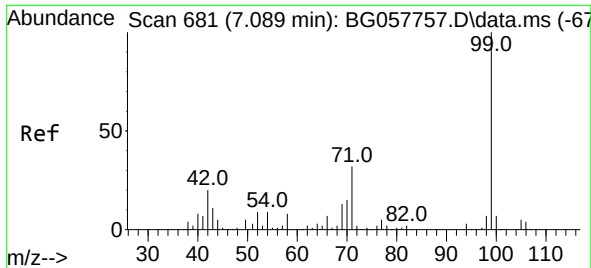
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 36.442 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion: 93 Resp: 155741
Ion Ratio Lower Upper
93 100
66 41.0 34.5 51.7
65 21.8 17.4 26.2





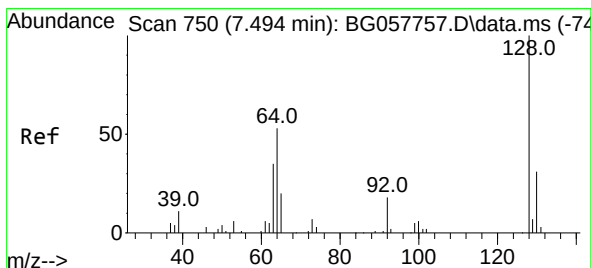
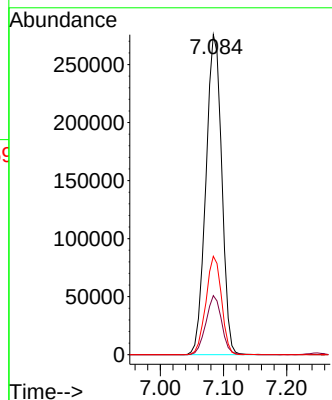
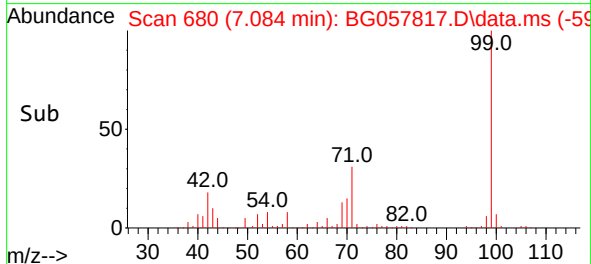
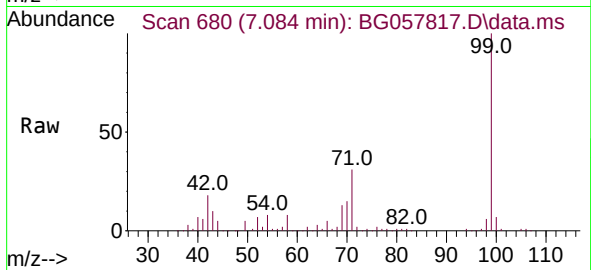
#7
Phenol-d6
Concen: 143.566 ng
RT: 7.084 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :
BNA_G
ClientSampleId :
PB153649BS

Tgt Ion: 99 Resp: 47917
Ion Ratio Lower Upper
99 100
42 18.5 16.4 24.6
71 30.7 25.8 38.6

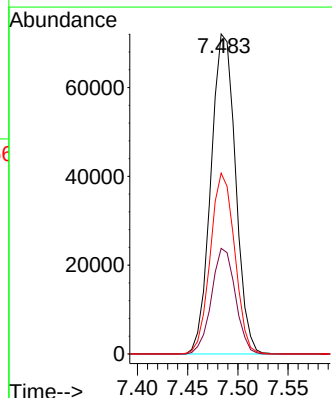
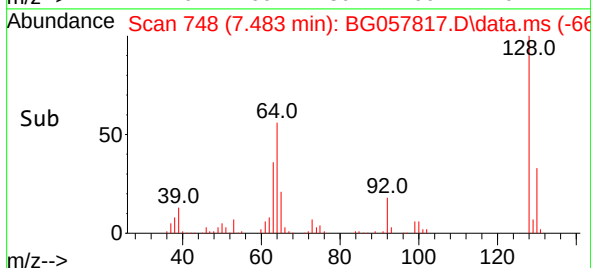
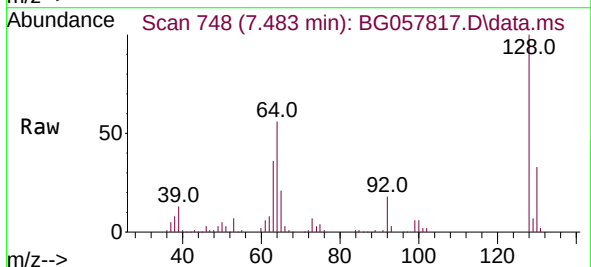
Manual Integrations
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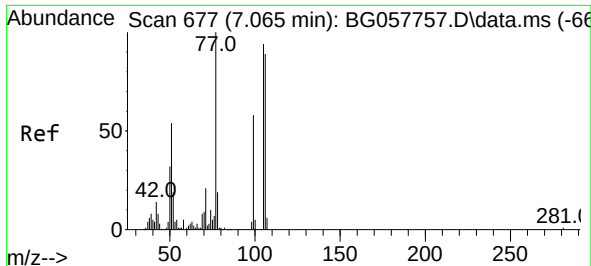
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 54.612 ng
RT: 7.483 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:128 Resp: 122894
Ion Ratio Lower Upper
128 100
130 33.0 10.6 50.6
64 56.5 39.1 79.1





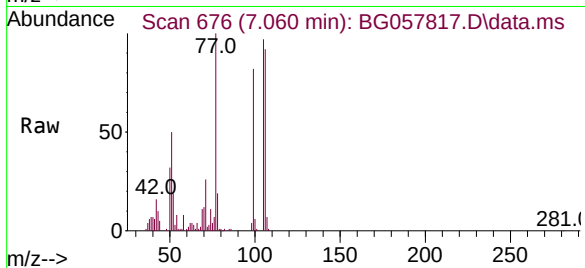
#9
Benzaldehyde
Concen: 31.191 ng
RT: 7.060 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS



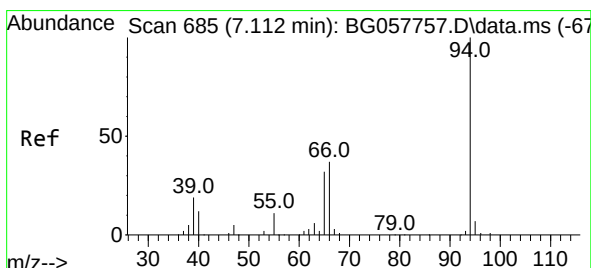
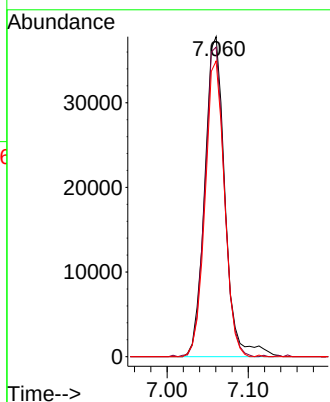
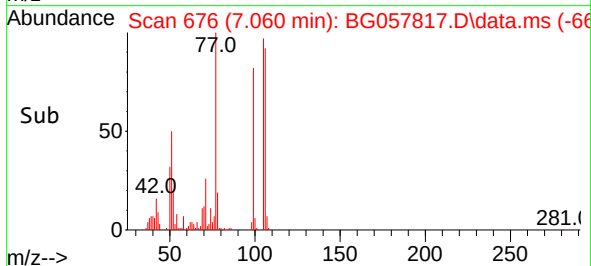
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Ion Ratio Lower Upper
77 100
105 96.8 73.7 113.7
106 92.4 69.0 109.0

Manual Integrations

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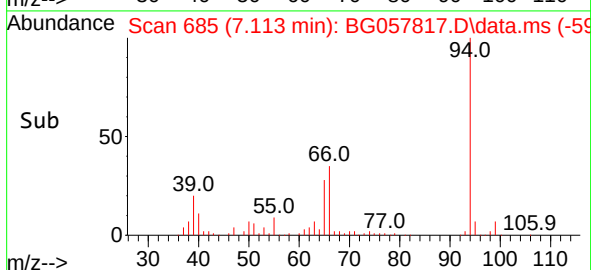
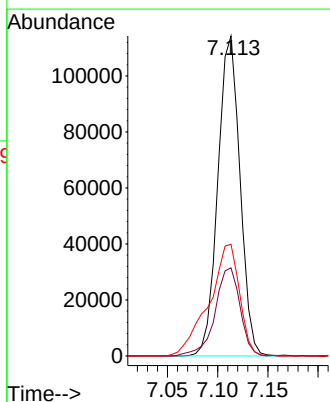
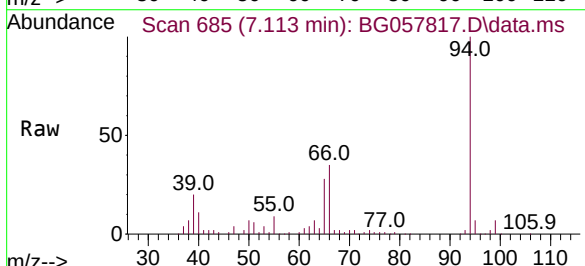
Reviewed By :Yogesh Patel 06/23/2023

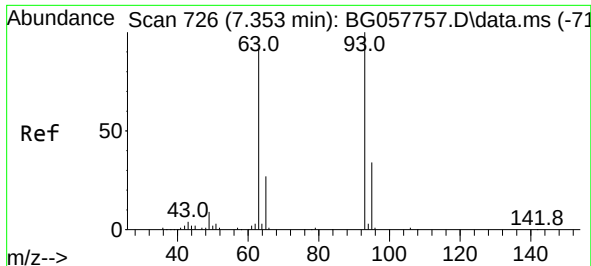
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 53.215 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.001 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion: 94 Resp: 174880
Ion Ratio Lower Upper
94 100
65 27.5 12.2 52.2
66 34.9 18.3 58.3





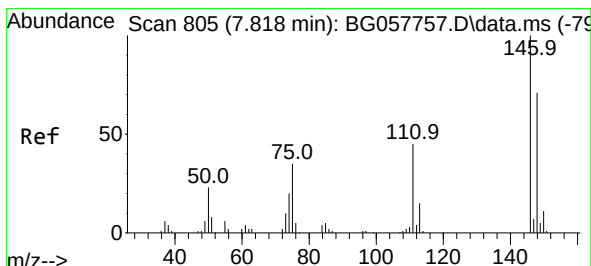
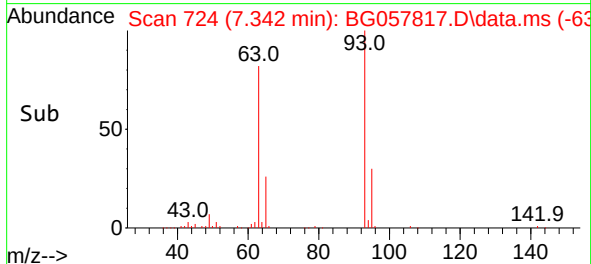
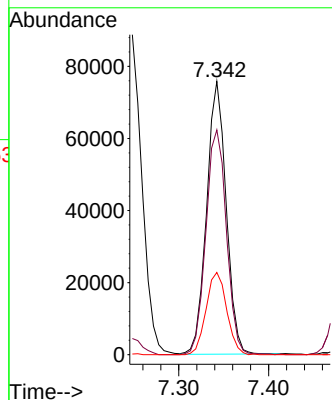
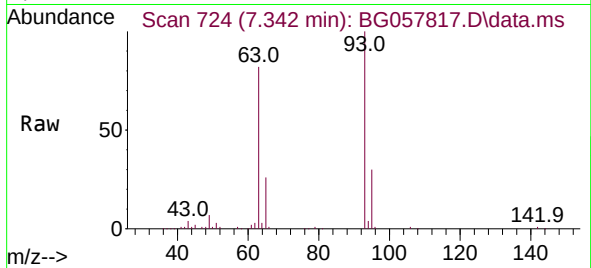
#11
bis(2-Chloroethyl)ether
Concen: 45.250 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :
BNA_G
ClientSampleId :
PB153649BS

Tgt Ion: 93 Resp: 11433
Ion Ratio Lower Upper
93 100
63 82.3 71.2 111.2
95 30.1 14.2 54.2

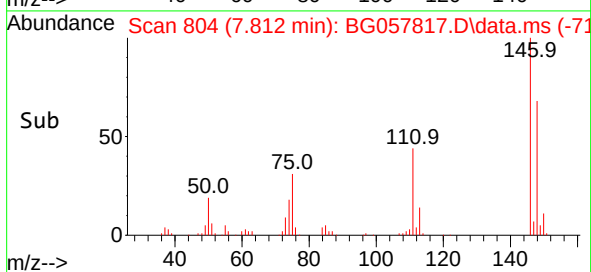
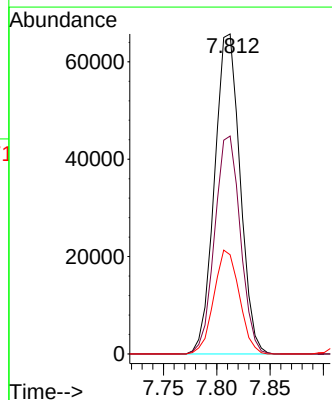
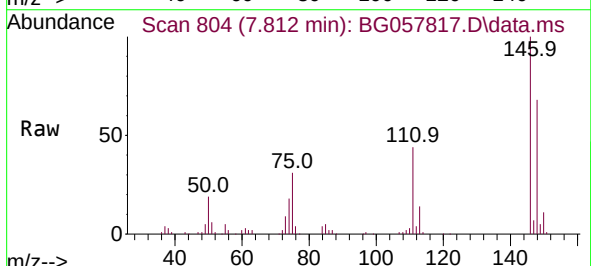
Manual Integrations
APPROVED

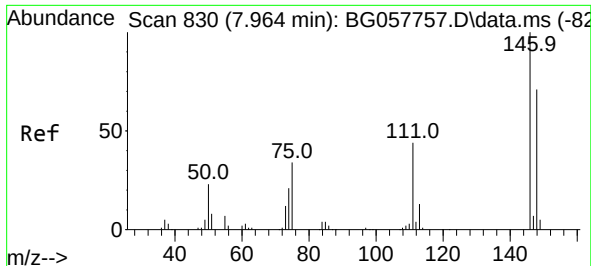
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 47.782 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:146 Resp: 109427
Ion Ratio Lower Upper
146 100
148 68.1 57.0 85.6
75 31.0 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 48.932 ng

RT: 7.959 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

Tgt Ion:146 Resp: 11354

Ion Ratio Lower Upper

146 100

148 67.2 57.0 85.4

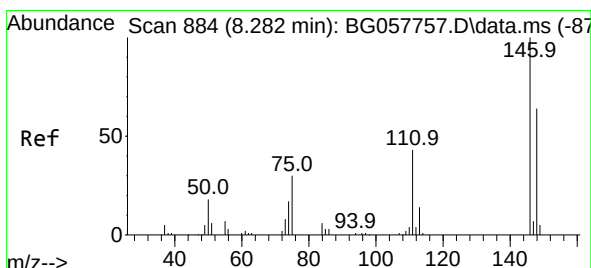
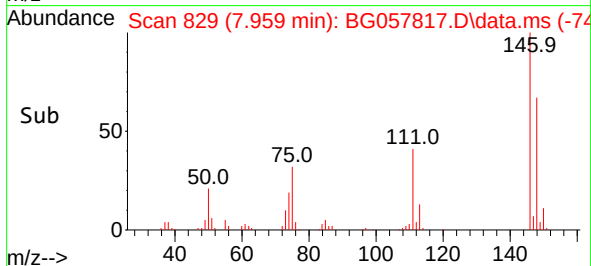
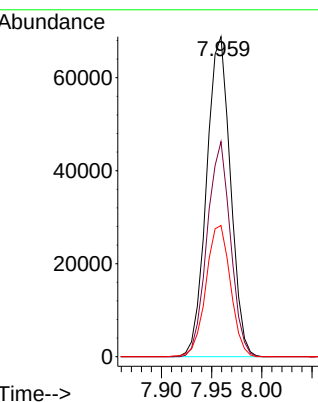
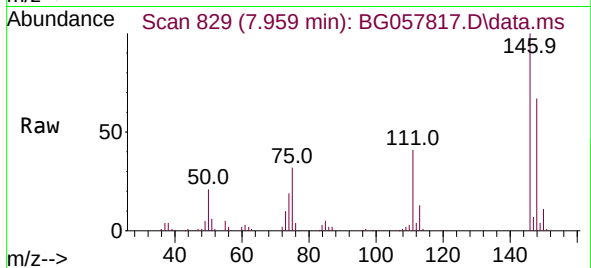
111 41.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#14

1,2-Dichlorobenzene

Concen: 49.049 ng

RT: 8.277 min Scan# 883

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

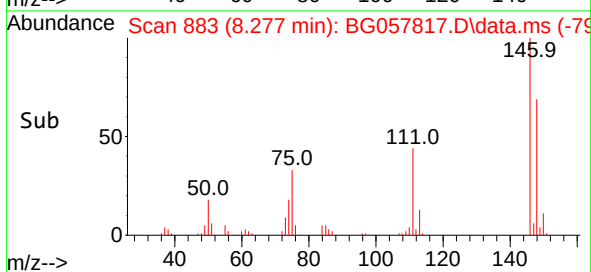
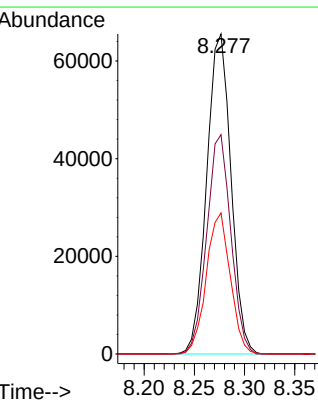
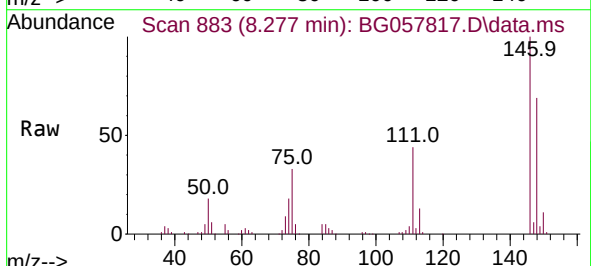
Tgt Ion:146 Resp: 110132

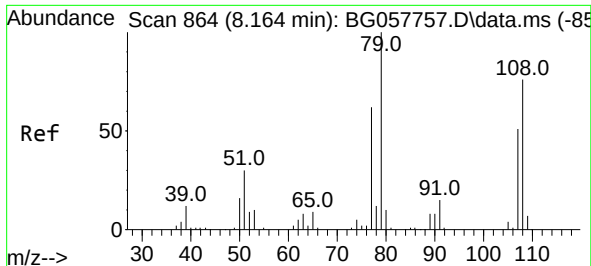
Ion Ratio Lower Upper

146 100

148 68.6 51.0 76.6

111 44.1 34.9 52.3





#15
Benzyl Alcohol
Concen: 47.871 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

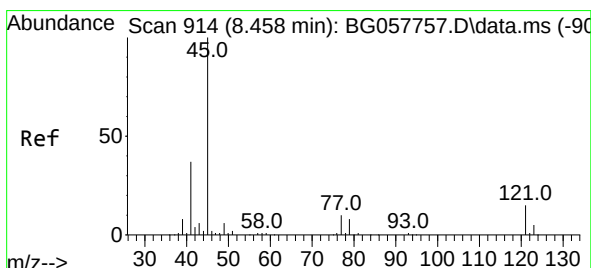
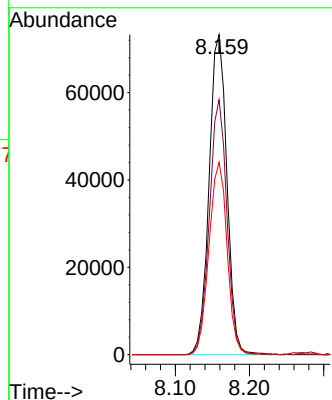
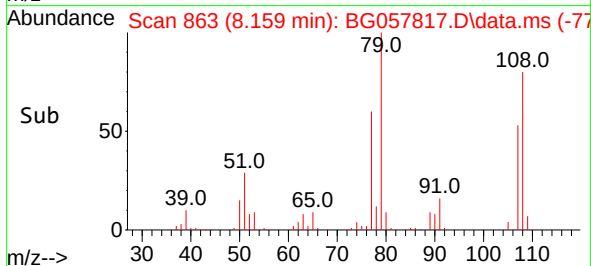
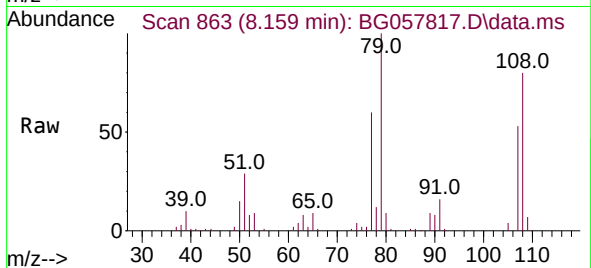
PB153649BS

Tgt Ion: 79 Resp: 12217
Ion Ratio Lower Upper
79 100
108 79.6 60.5 90.7
77 60.1 49.3 73.9

Manual Integrations

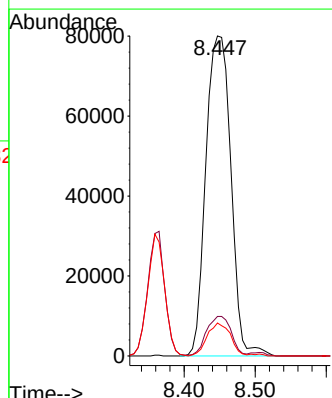
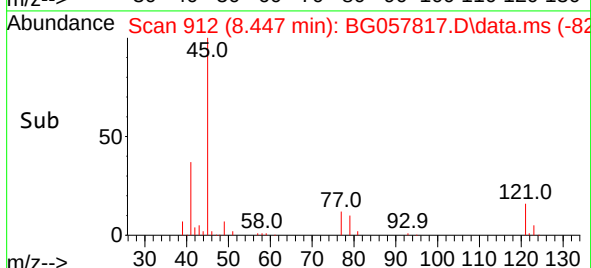
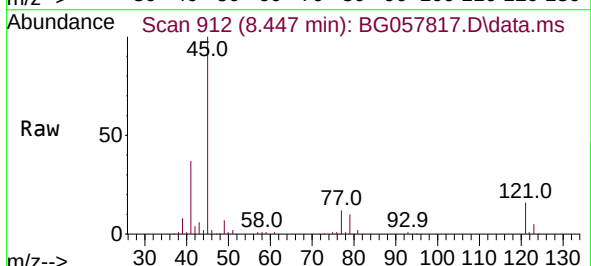
APPROVED

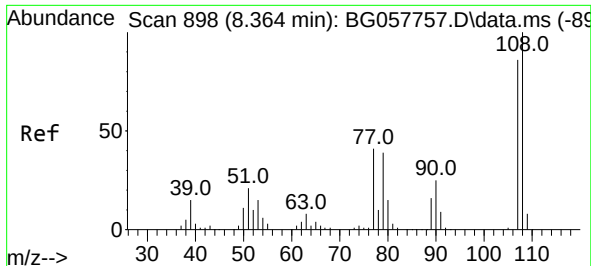
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.373 ng
RT: 8.447 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion: 45 Resp: 195958
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.6
79 10.3 0.0 28.3





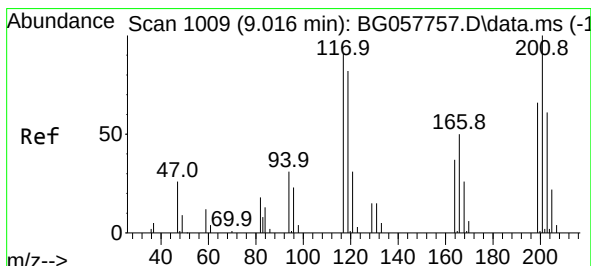
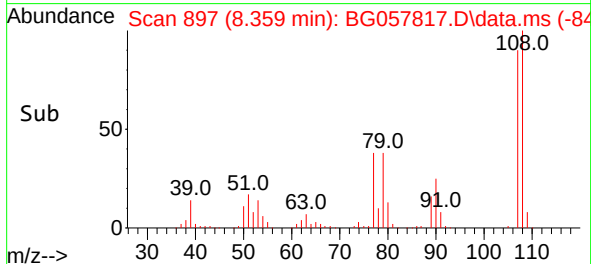
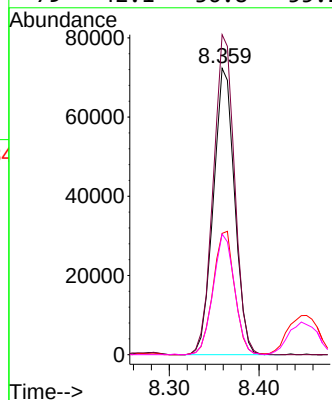
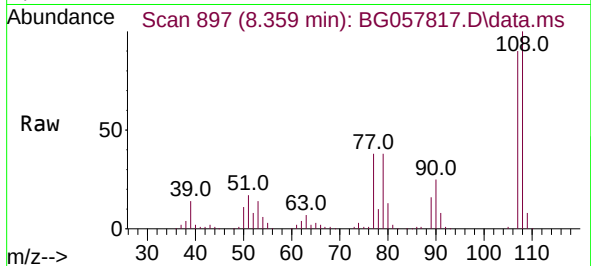
#17
2-Methylphenol
Concen: 49.247 ng
RT: 8.359 min Scan# 89
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :
BNA_G
ClientSampleId :
PB153649BS

Tgt Ion:107 Resp: 11903
Ion Ratio Lower Upper
107 100
108 111.7 93.2 139.8
77 42.3 37.8 56.8
79 42.1 36.8 55.2

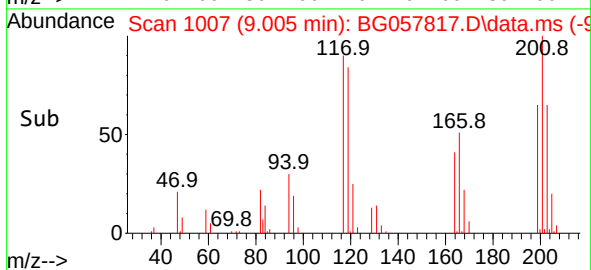
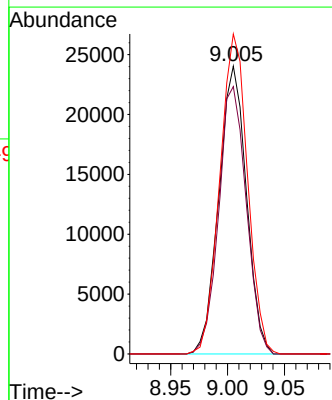
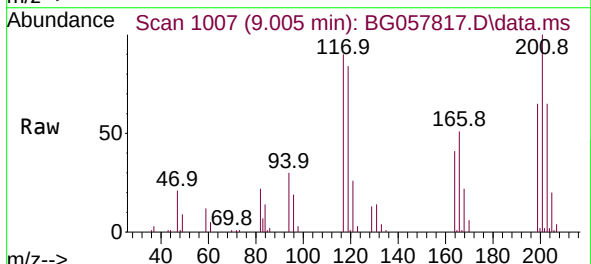
Manual Integrations
APPROVED

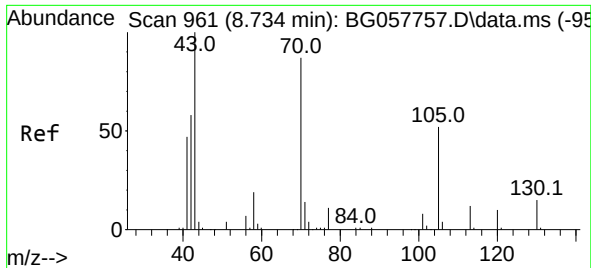
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 49.490 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:117 Resp: 40494
Ion Ratio Lower Upper
117 100
119 92.9 72.3 108.5
201 113.5 87.8 131.8





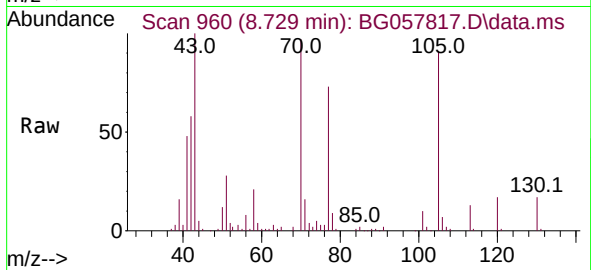
#19
n-Nitroso-di-n-propylamine
Concen: 42.564 ng
RT: 8.729 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

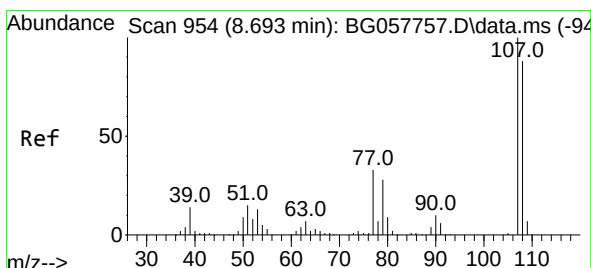
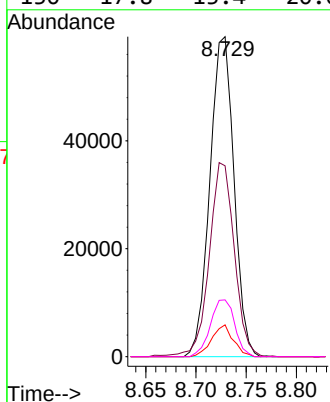
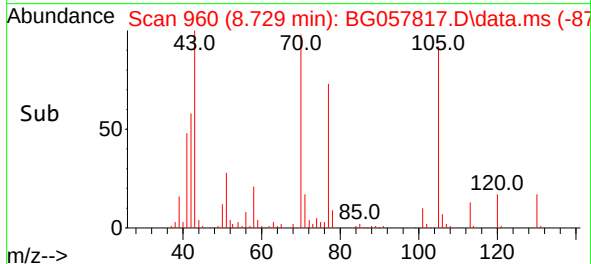


Tgt Ion: 70 Resp: 9904
Ion Ratio Lower Upper
70 100
42 59.6 54.2 81.2
101 10.0 7.4 11.0
130 17.8 13.4 20.0

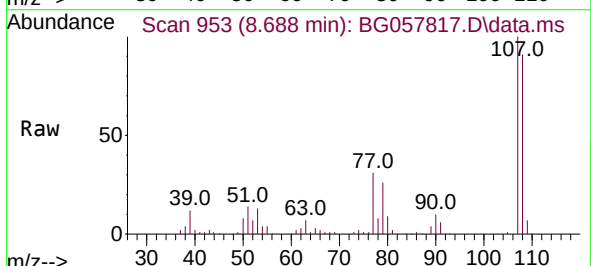
Manual Integrations

APPROVED

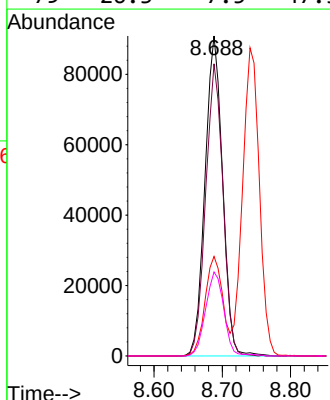
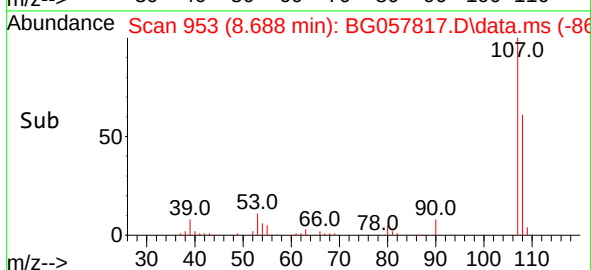
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

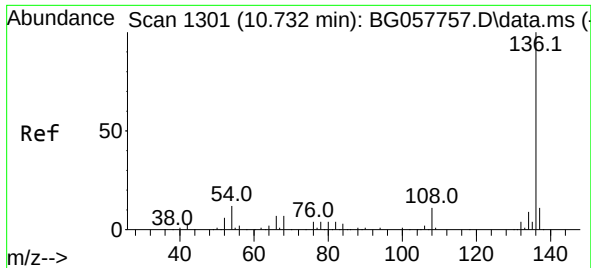


#20
3+4-Methylphenols
Concen: 48.888 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:107 Resp: 163223
Ion Ratio Lower Upper
107 100
108 91.3 67.7 107.7
77 31.1 13.3 53.3
79 26.3 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

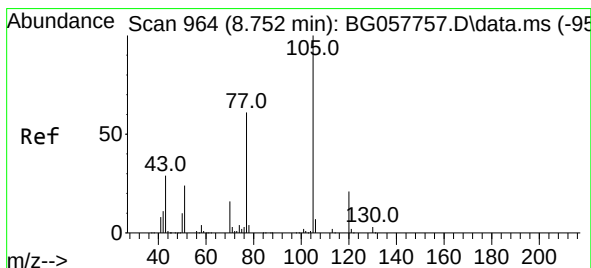
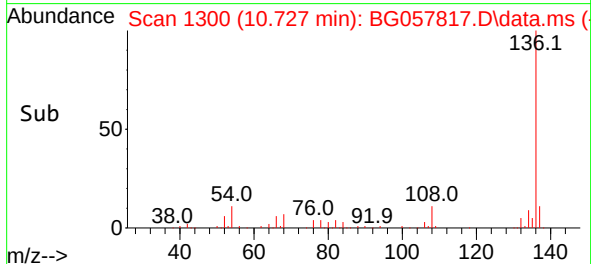
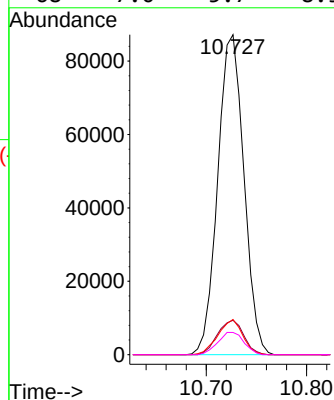
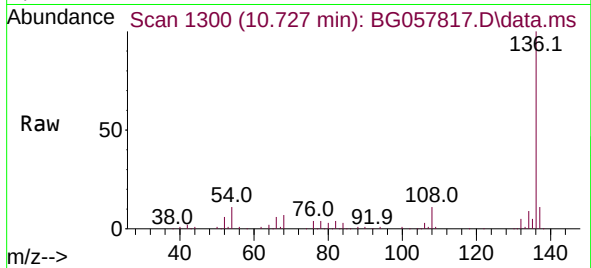
PB153649BS

Tgt Ion:136 Resp: 157618
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.0 9.5 14.3
68 7.0 5.7 8.5

Manual Integrations

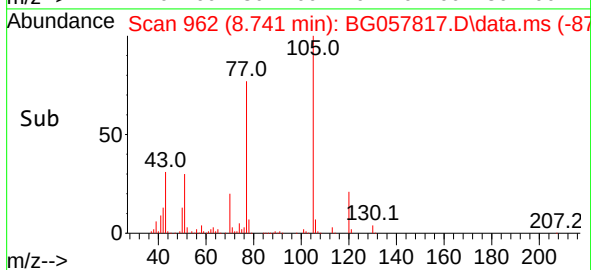
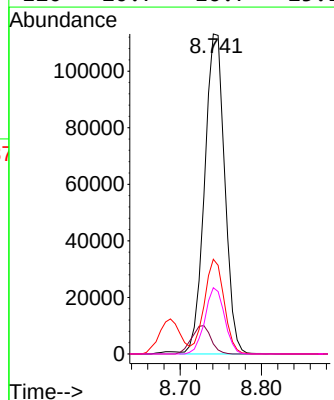
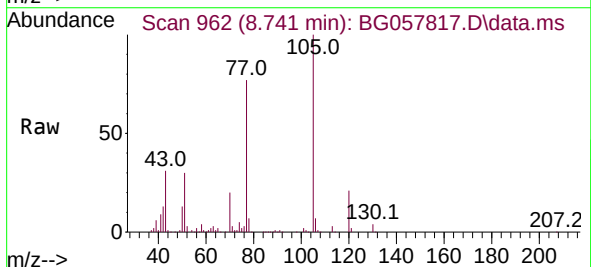
APPROVED

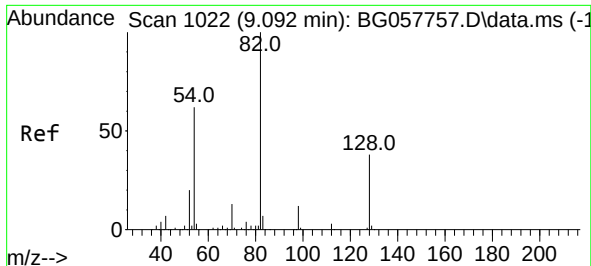
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 44.060 ng
RT: 8.741 min Scan# 962
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:105 Resp: 194744
Ion Ratio Lower Upper
105 100
71 3.1 2.4 3.6
51 29.6 25.9 38.9
120 20.7 16.7 25.1





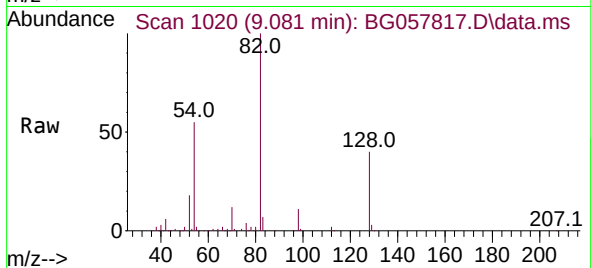
#23
Nitrobenzene-d5
Concen: 88.901 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

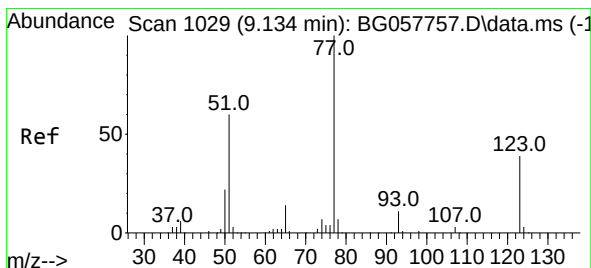
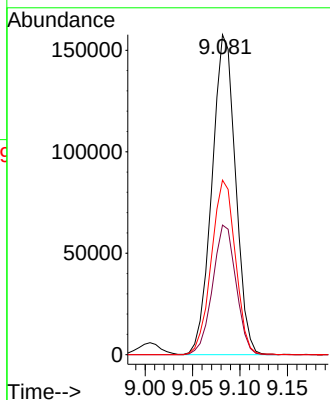
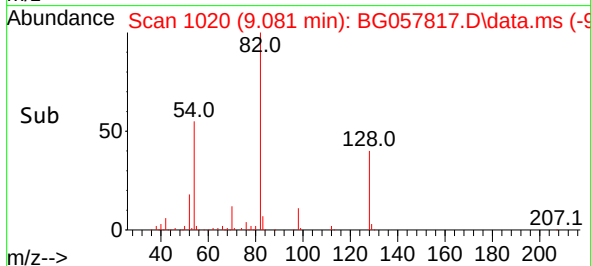
PB153649BS



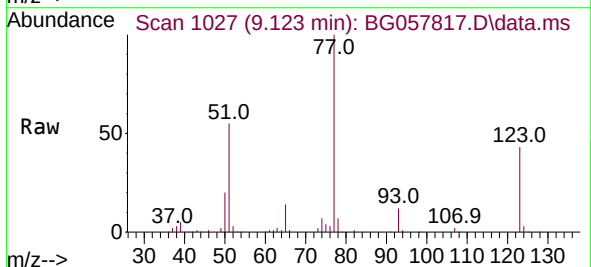
Tgt Ion: 82 Resp: 273020
Ion Ratio Lower Upper
82 100
128 40.5 30.7 46.1
54 54.5 49.6 74.4

Manual Integrations
APPROVED

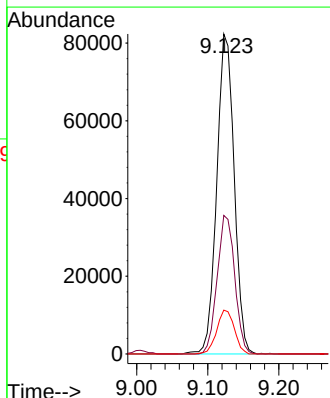
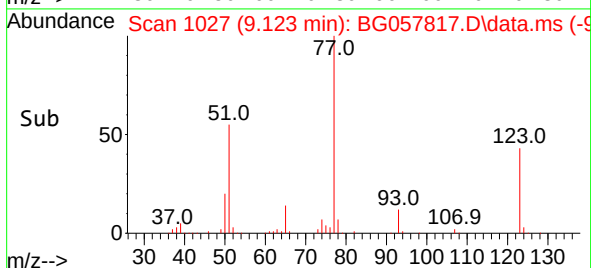
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

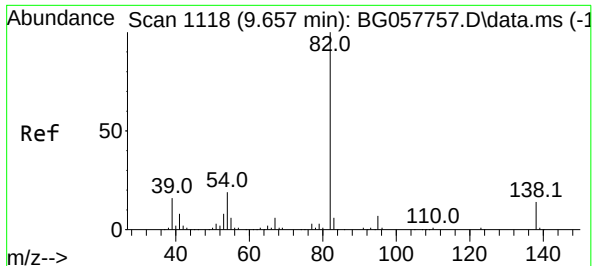


#24
Nitrobenzene
Concen: 43.714 ng
RT: 9.123 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion: 77 Resp: 139720
Ion Ratio Lower Upper
77 100
123 43.3 31.4 47.2
65 13.7 11.2 16.8





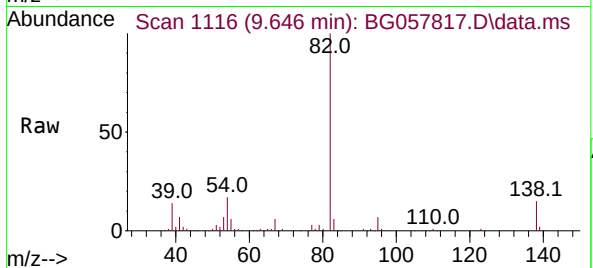
#25
Isophorone
Concen: 41.188 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

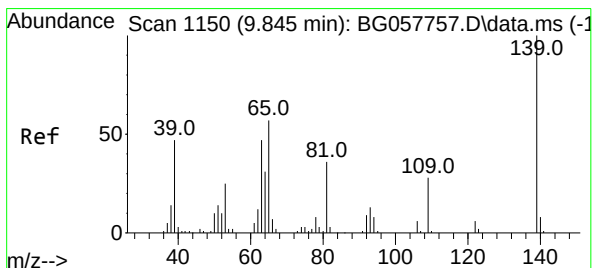
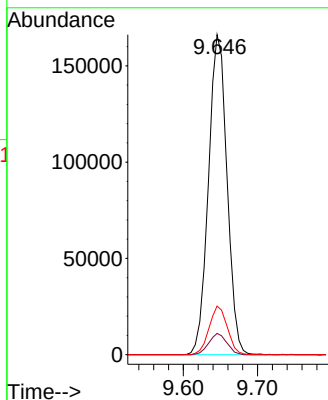
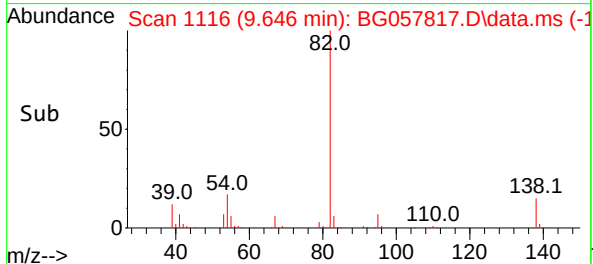


Tgt Ion: 82 Resp: 28898
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 15.2 11.1 16.7

Manual Integrations

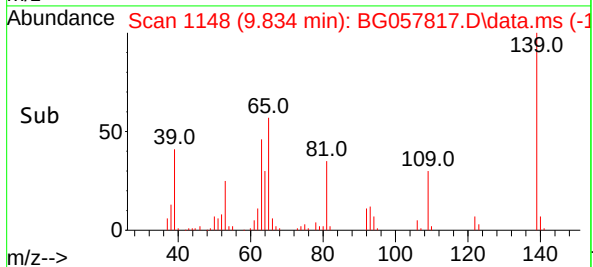
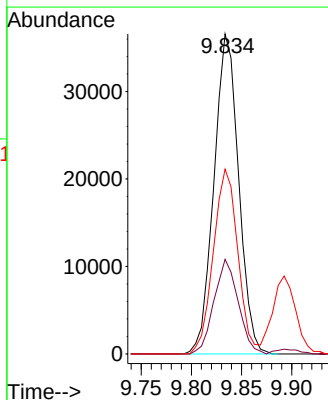
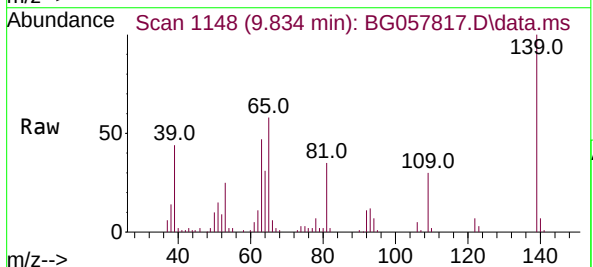
APPROVED

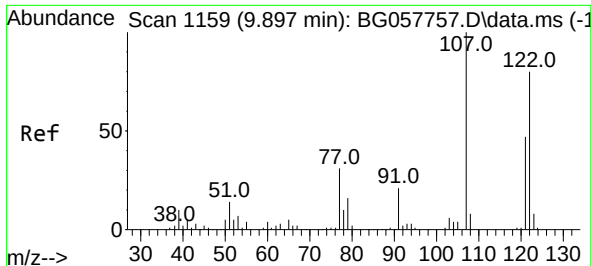
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 61.379 ng
RT: 9.834 min Scan# 1148
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:139 Resp: 62414
Ion Ratio Lower Upper
139 100
109 29.6 22.5 33.7
65 57.7 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 50.226 ng

RT: 9.892 min Scan# 1158

Delta R.T. -0.005 min

Lab File: BG057817.D

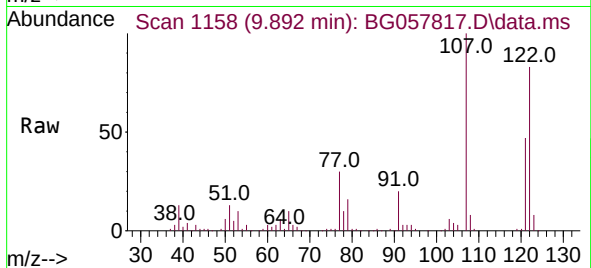
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS



Tgt Ion:122 Resp: 126448

Ion Ratio Lower Upper

122 100

107 120.6 98.9 148.3

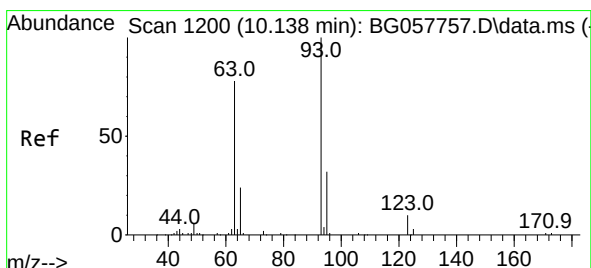
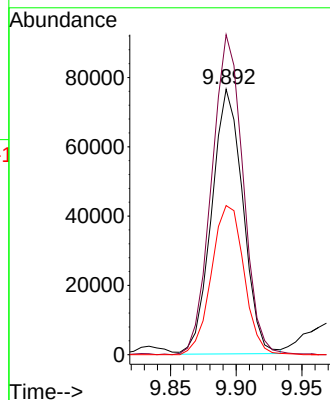
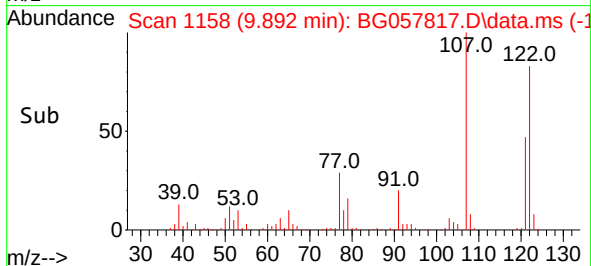
121 56.2 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.410 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

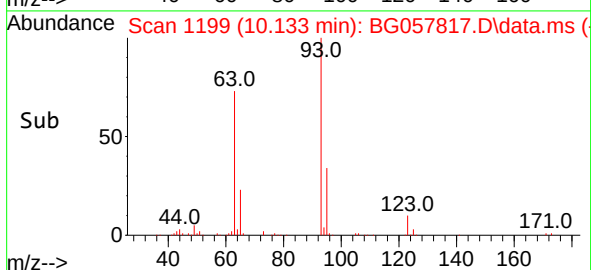
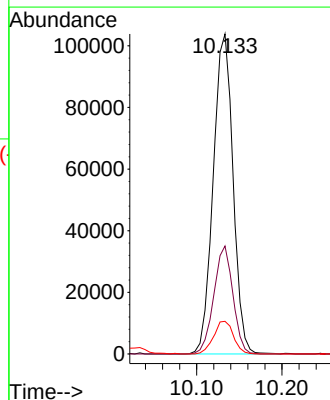
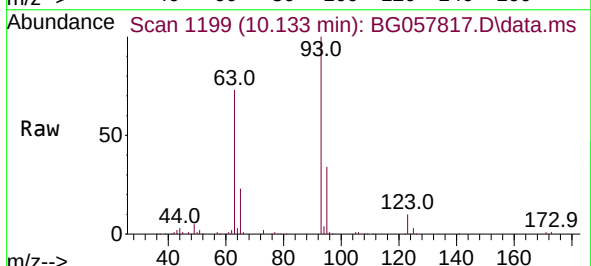
Tgt Ion: 93 Resp: 167803

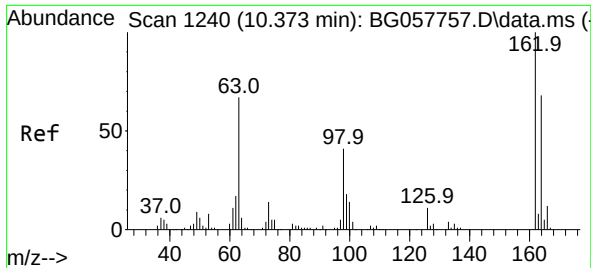
Ion Ratio Lower Upper

93 100

95 33.7 25.6 38.4

123 10.2 8.2 12.2





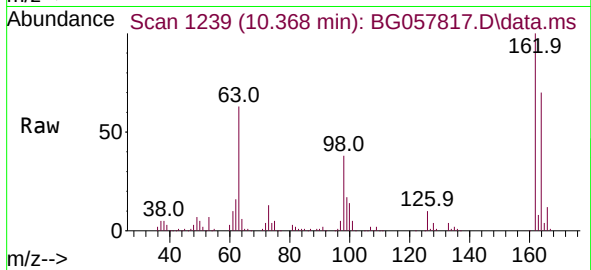
#29
2,4-Dichlorophenol
Concen: 50.779 ng
RT: 10.368 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

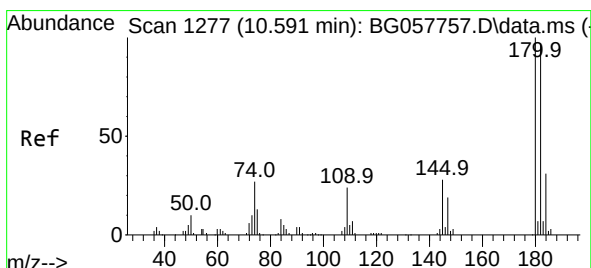
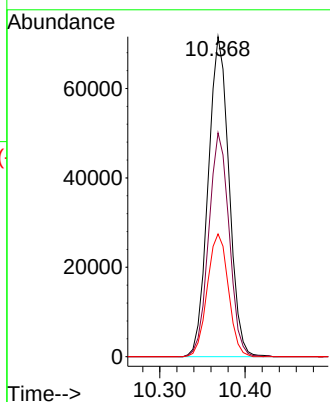
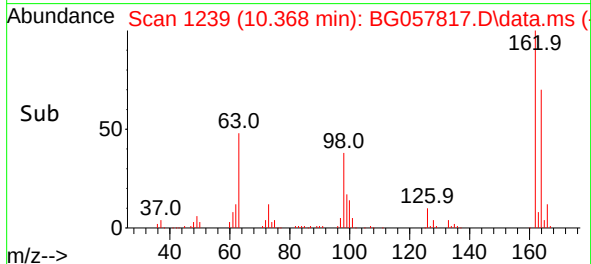


Tgt Ion:162 Resp: 121400
Ion Ratio Lower Upper
162 100
164 69.9 48.2 88.2
98 38.3 20.7 60.7

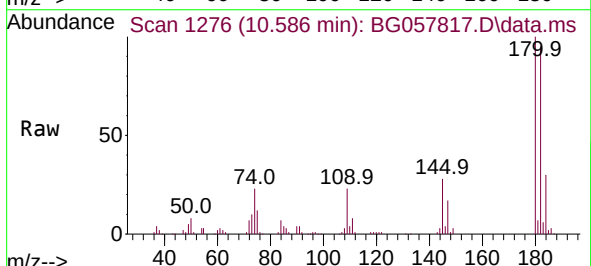
Manual Integrations

APPROVED

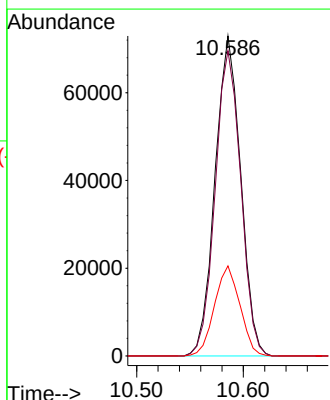
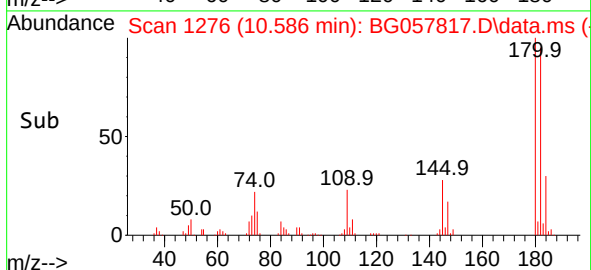
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

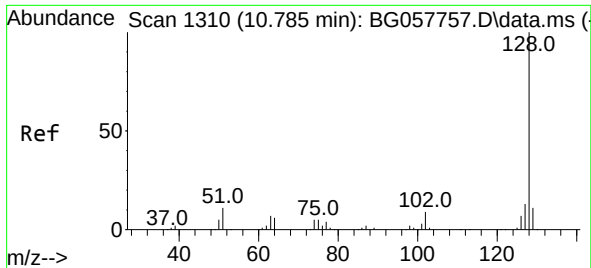


#30
1,2,4-Trichlorobenzene
Concen: 45.681 ng
RT: 10.586 min Scan# 1276
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



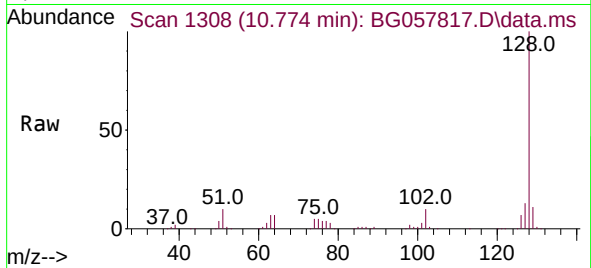
Tgt Ion:180 Resp: 121733
Ion Ratio Lower Upper
180 100
182 95.4 77.5 116.3
145 28.2 22.6 34.0





#31
Naphthalene
Concen: 43.655 ng
RT: 10.774 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

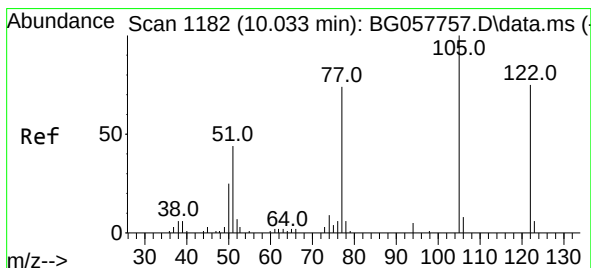
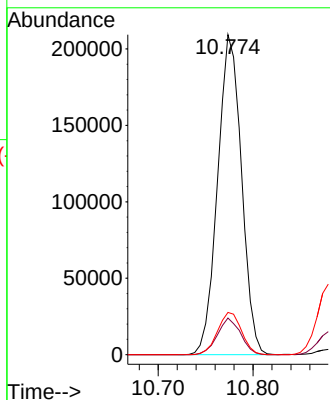
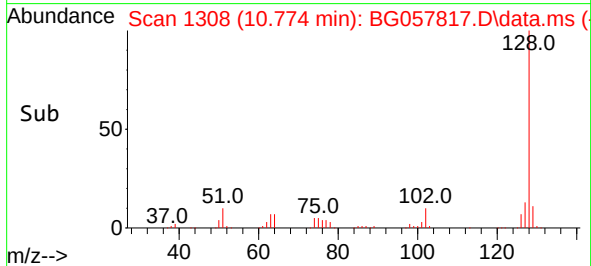
Instrument :
BNA_G
ClientSampleId :
PB153649BS



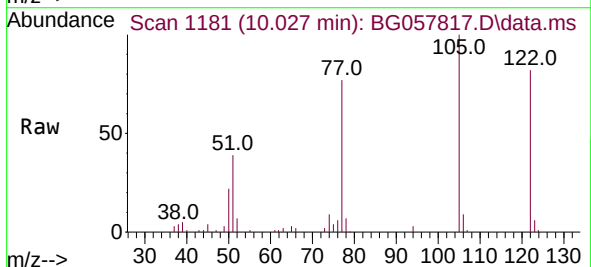
Tgt Ion:128 Resp: 36621
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 13.2 10.7 16.1

Manual Integrations
APPROVED

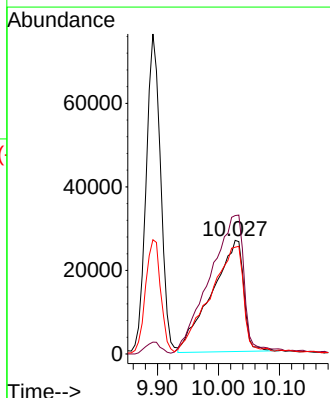
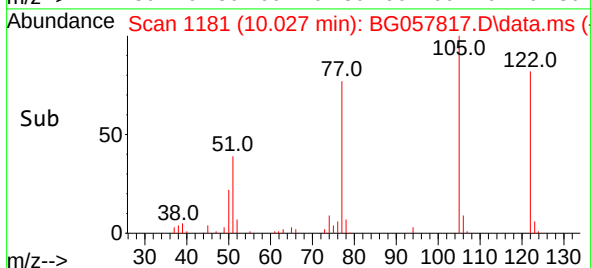
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

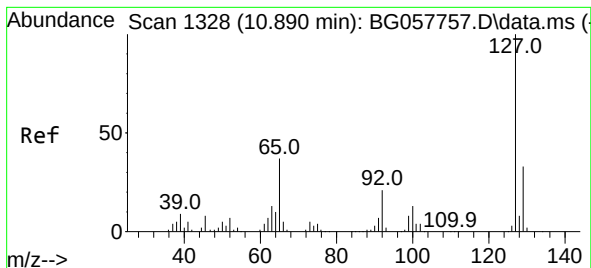


#32
Benzoic acid
Concen: 52.319 ng
RT: 10.027 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:122 Resp: 96976
Ion Ratio Lower Upper
122 100
105 121.9 110.1 150.1
77 94.0 78.2 118.2





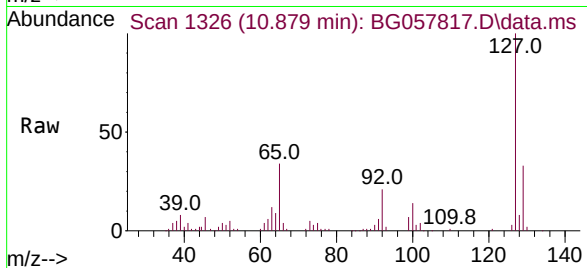
#33
4-Chloroaniline
Concen: 21.332 ng
RT: 10.879 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

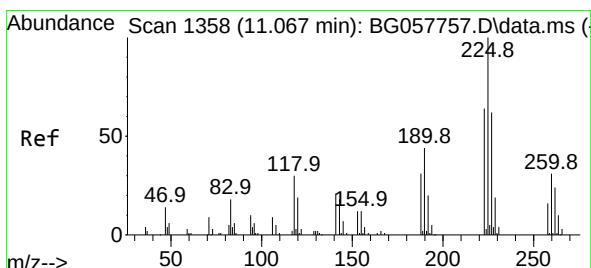
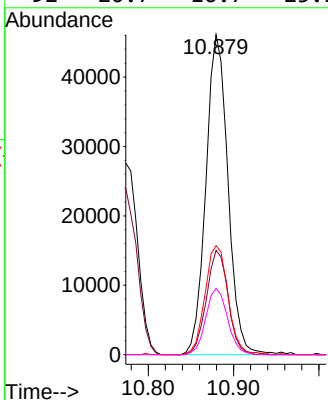
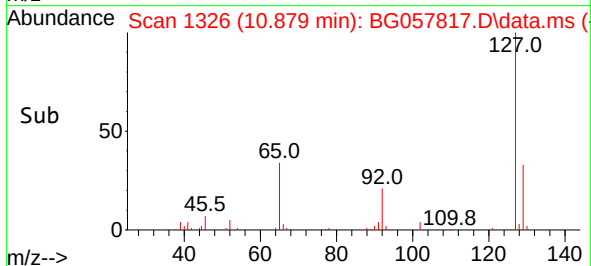


Tgt Ion:127 Resp: 82910
Ion Ratio Lower Upper
127 100
129 32.6 26.6 40.0
65 34.0 29.8 44.8
92 20.7 16.7 25.1

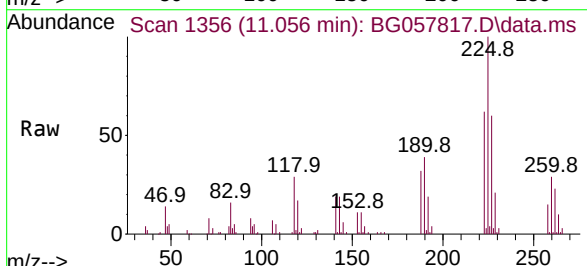
Manual Integrations

APPROVED

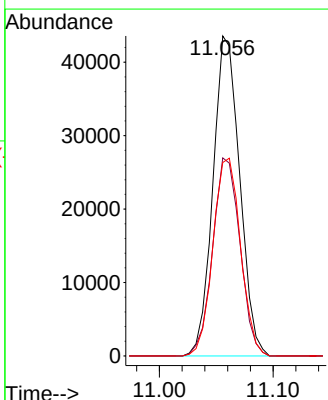
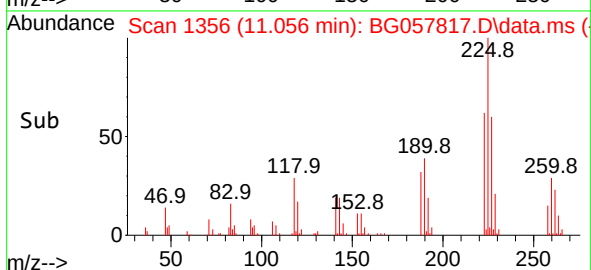
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

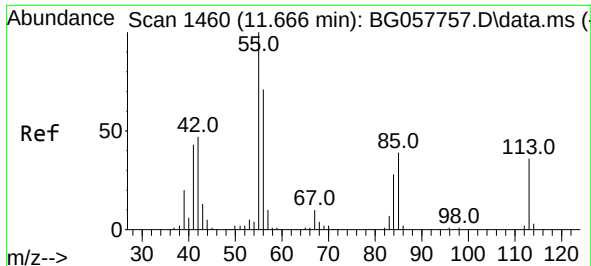


#34
Hexachlorobutadiene
Concen: 43.794 ng
RT: 11.056 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:225 Resp: 71200
Ion Ratio Lower Upper
225 100
223 61.9 51.4 77.0
227 60.4 49.7 74.5





#35
Caprolactam
Concen: 49.842 ng m
RT: 11.655 min Scan# 1460
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

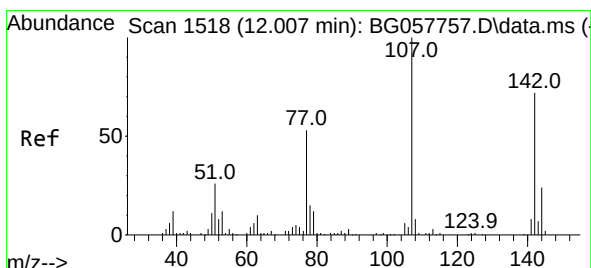
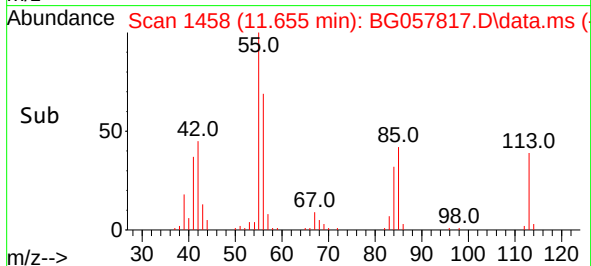
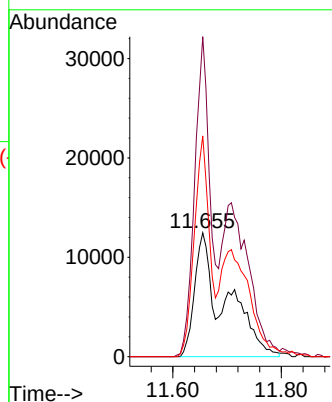
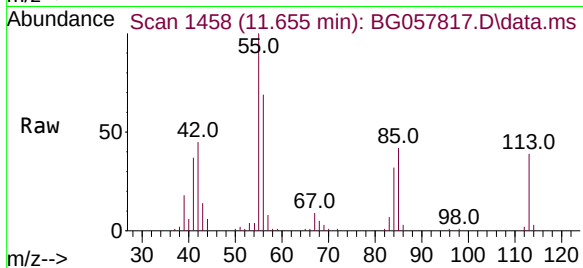
PB153649BS

Tgt Ion:113 Resp: 4835
Ion Ratio Lower Upper
113 100
55 258.6 255.7 295.7
56 178.4 175.2 215.2

Manual Integrations

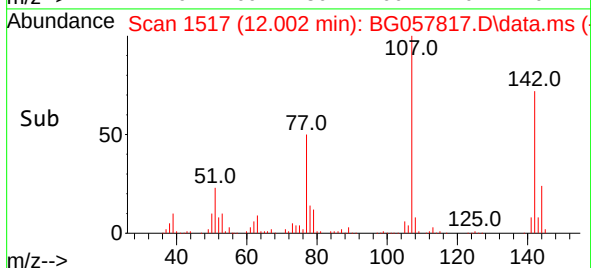
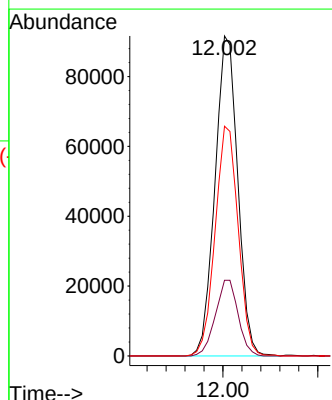
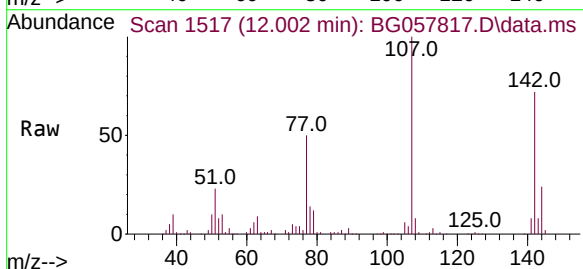
APPROVED

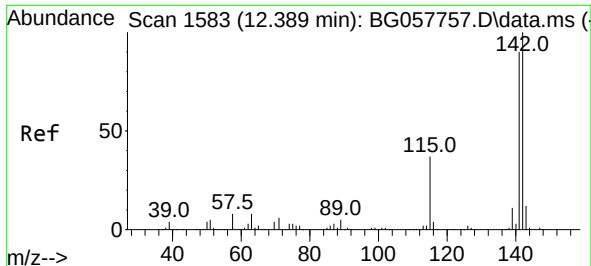
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 48.992 ng
RT: 12.002 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:107 Resp: 152967
Ion Ratio Lower Upper
107 100
144 23.7 19.5 29.3
142 71.8 57.9 86.9





#37

2-Methylnaphthalene

Concen: 42.781 ng

RT: 12.384 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

Tgt Ion:142 Resp: 261594

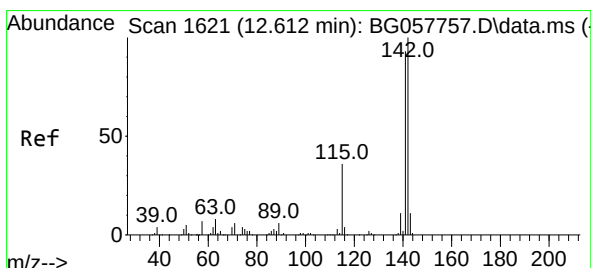
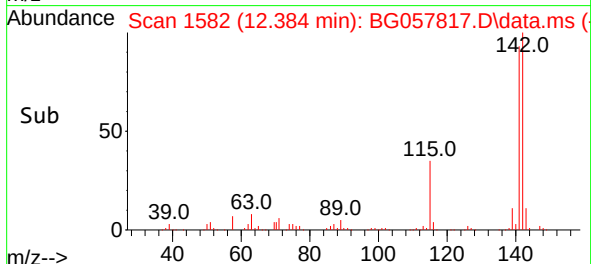
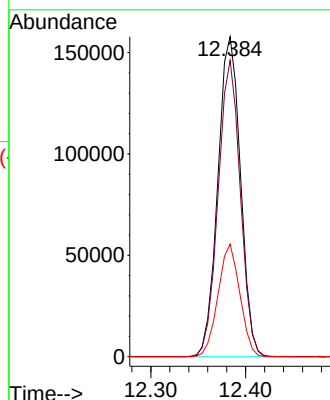
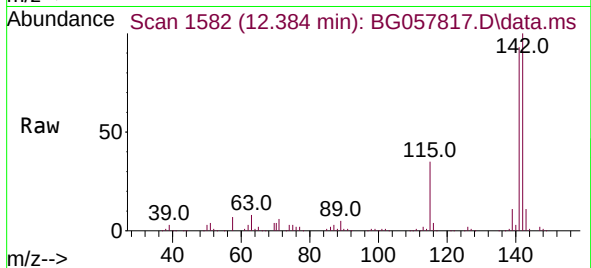
Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.1	108.1
115	35.2	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#38

1-Methylnaphthalene

Concen: 42.924 ng

RT: 12.601 min Scan# 1619

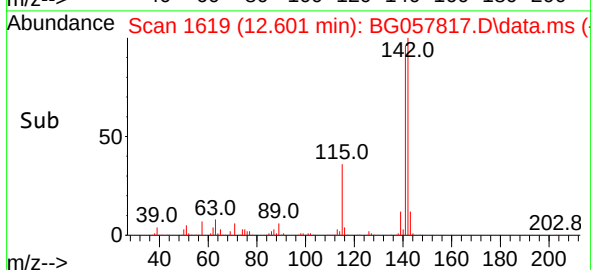
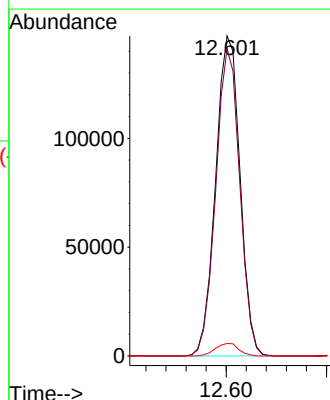
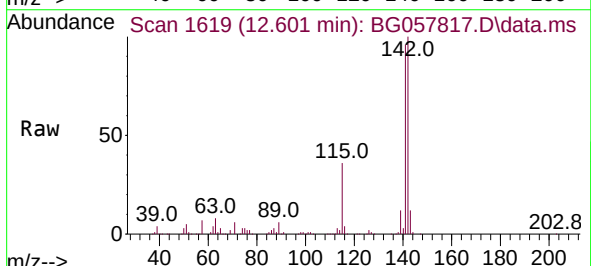
Delta R.T. -0.011 min

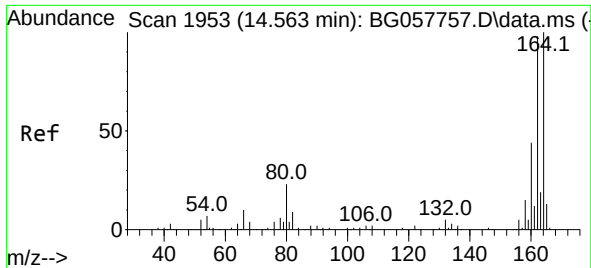
Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Tgt Ion:142 Resp: 247760

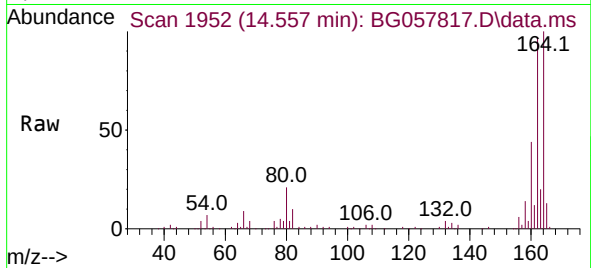
Ion	Ratio	Lower	Upper
142	100		
141	96.0	74.2	111.4
116	3.9	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

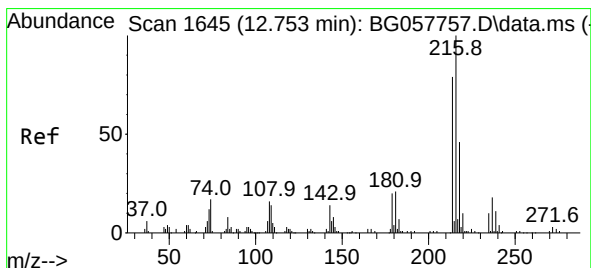
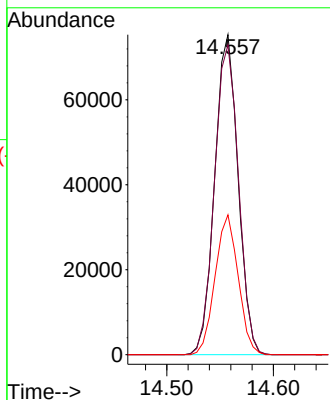
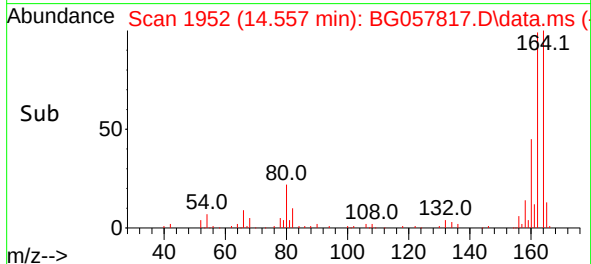
Instrument :
BNA_G
ClientSampleId :
PB153649BS



Tgt Ion:164 Resp: 11458
Ion Ratio Lower Upper
164 100
162 96.8 78.3 117.5
160 43.7 35.4 53.0

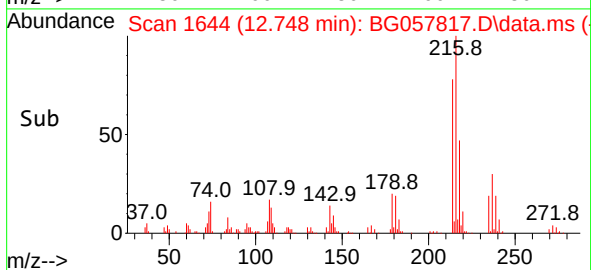
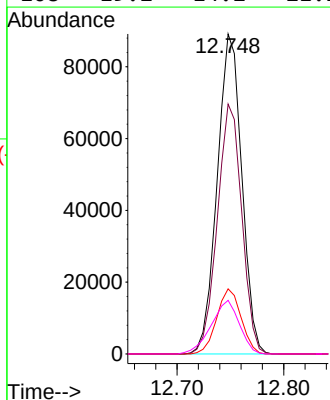
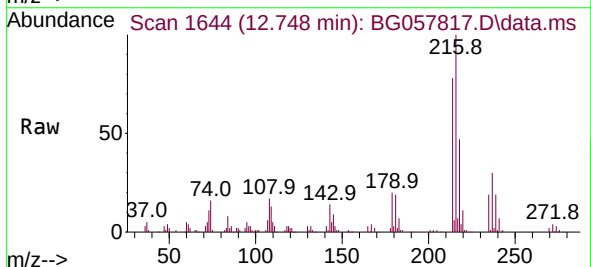
Manual Integrations
APPROVED

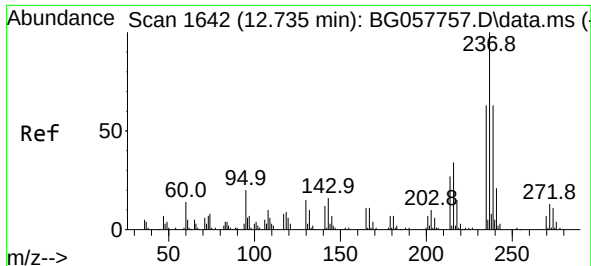
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.888 ng
RT: 12.748 min Scan# 1644
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

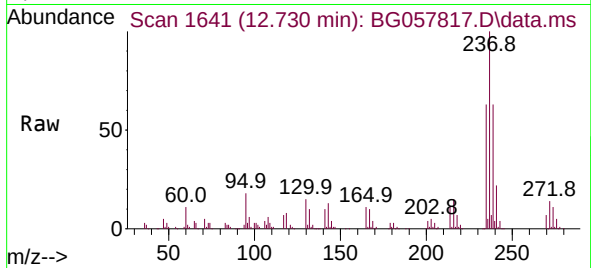
Tgt Ion:216 Resp: 142585
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.4
179 20.2 16.2 24.2
108 19.2 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 112.884 ng
RT: 12.730 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

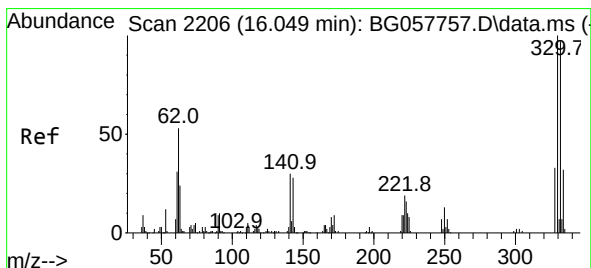
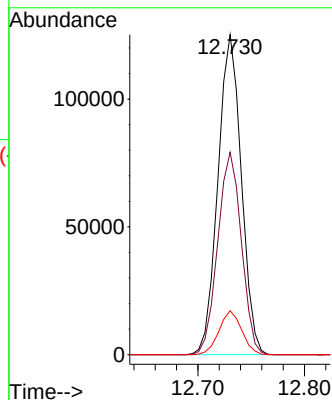
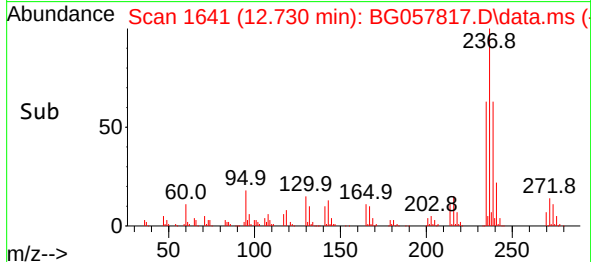
Instrument :
BNA_G
ClientSampleId :
PB153649BS



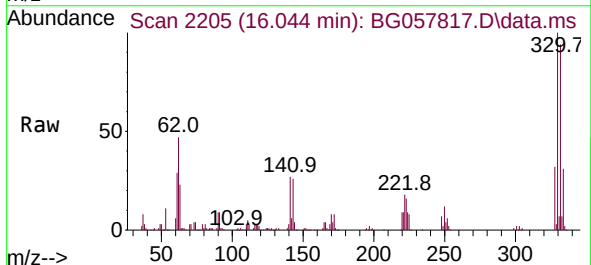
Tgt Ion:237 Resp: 190368
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.7 0.0 32.8

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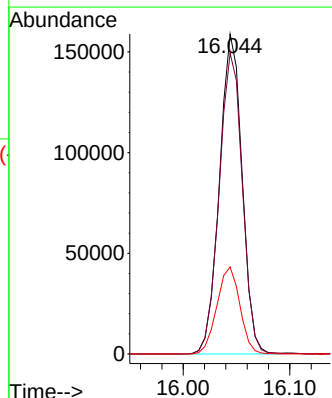
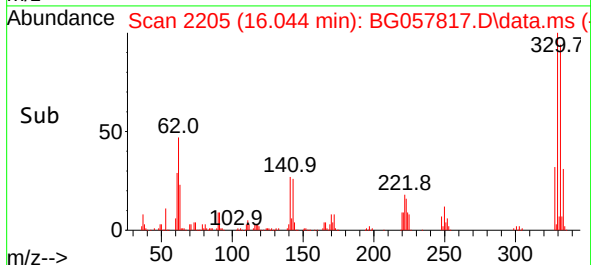
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

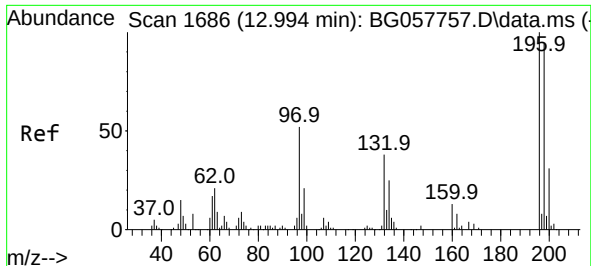


#42
2,4,6-Tribromophenol
Concen: 146.254 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:330 Resp: 233436
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 27.7 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 49.493 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

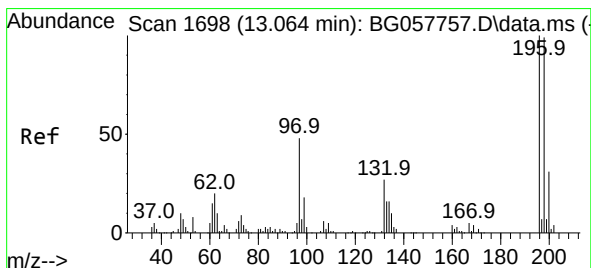
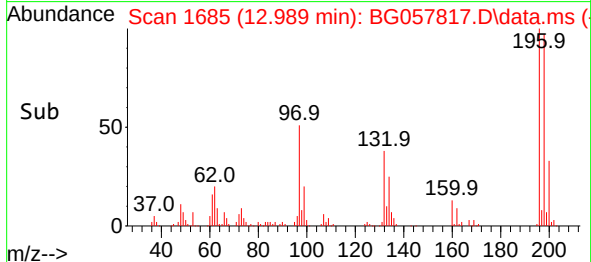
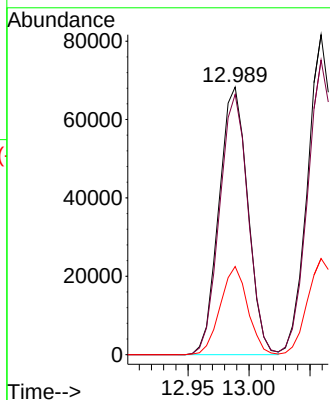
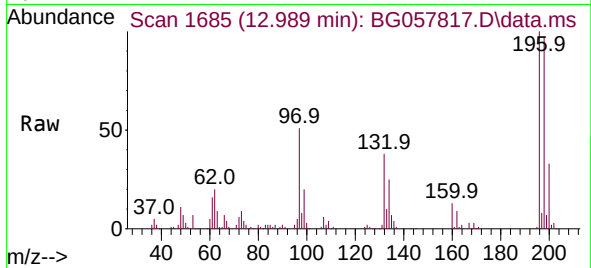
ClientSampleId :

PB153649BS

Tgt Ion:196 Resp: 11257
Ion Ratio Lower Upper
196 100
198 97.3 75.5 113.3
200 32.9 24.6 36.8

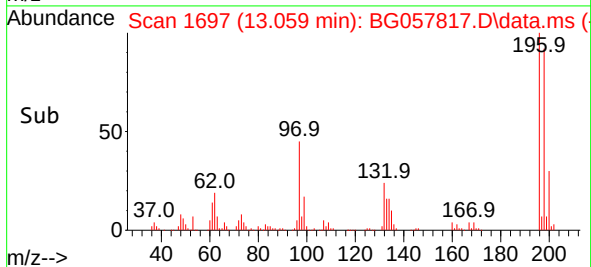
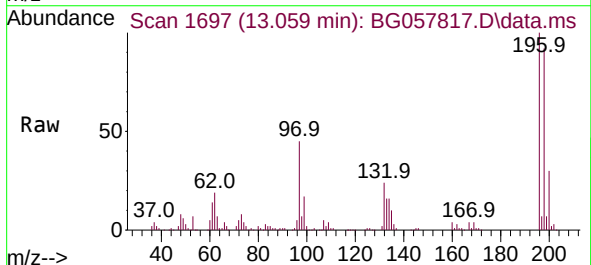
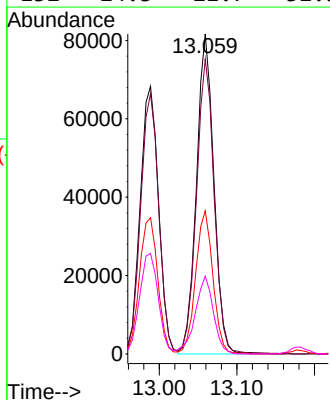
Manual Integrations
APPROVED

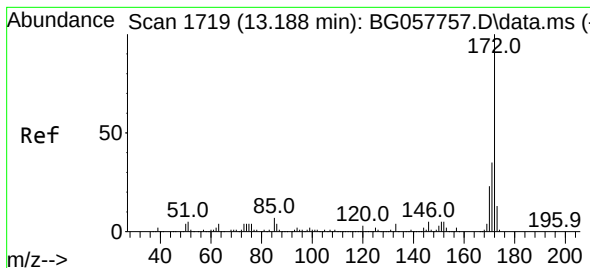
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#44
2,4,5-Trichlorophenol
Concen: 48.077 ng
RT: 13.059 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:196 Resp: 127463
Ion Ratio Lower Upper
196 100
198 92.1 78.9 118.3
97 44.8 38.3 57.5
132 24.3 21.7 32.5





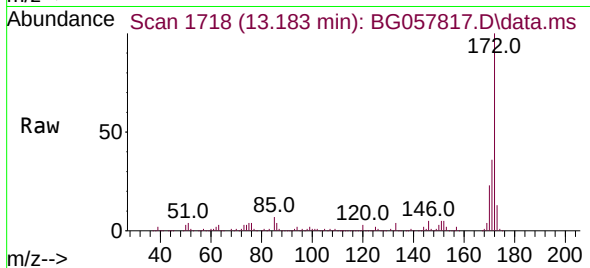
#45
2-Fluorobiphenyl
Concen: 85.625 ng
RT: 13.183 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

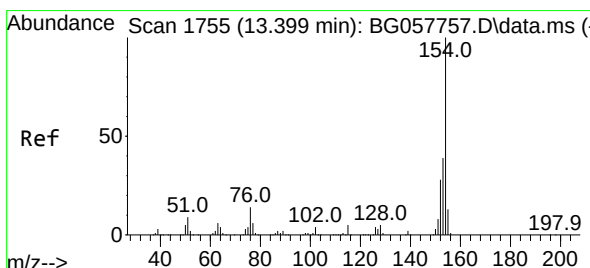
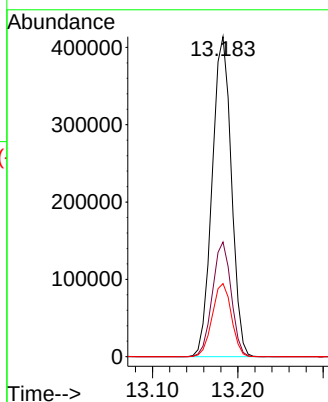
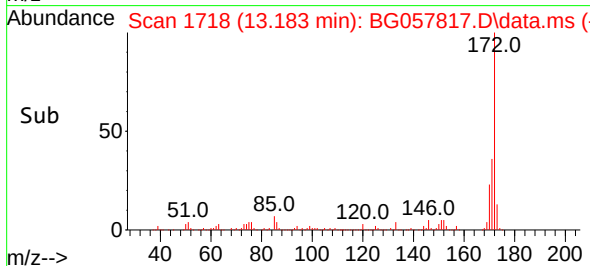


Tgt Ion:172 Resp: 646849
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 22.9 18.6 27.8

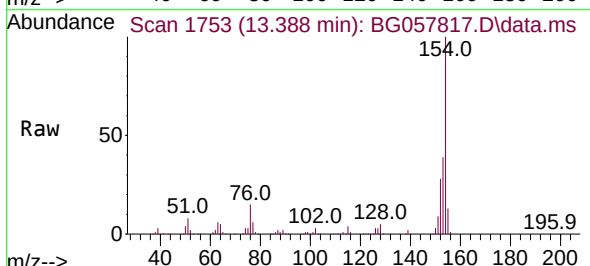
Manual Integrations

APPROVED

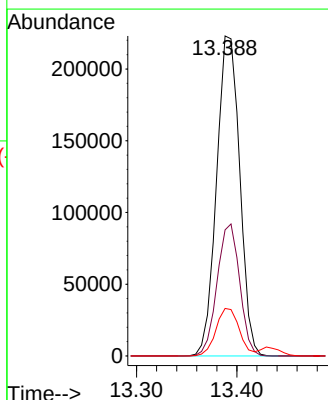
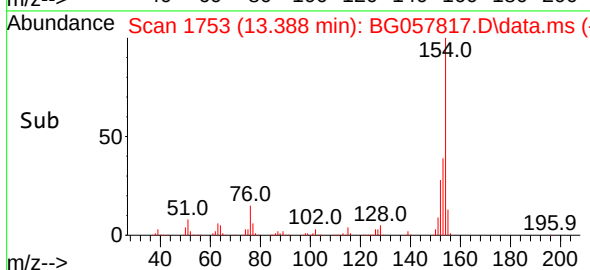
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

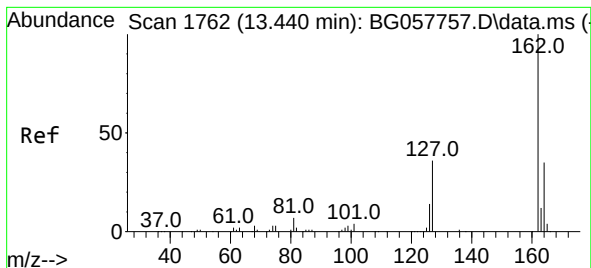


#46
1,1'-Biphenyl
Concen: 45.379 ng
RT: 13.388 min Scan# 1753
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:154 Resp: 357015
Ion Ratio Lower Upper
154 100
153 39.4 19.1 59.1
76 14.9 0.0 34.3





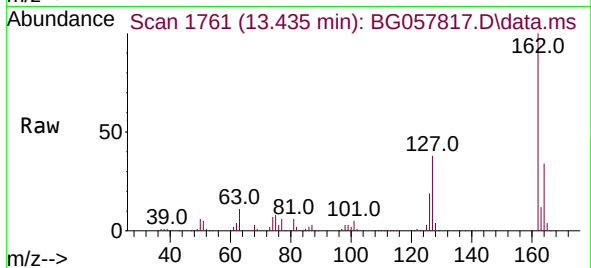
#47
2-Chloronaphthalene
Concen: 45.441 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

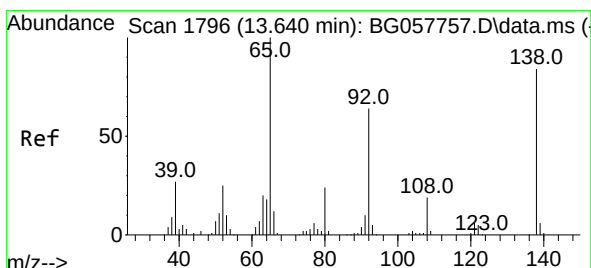
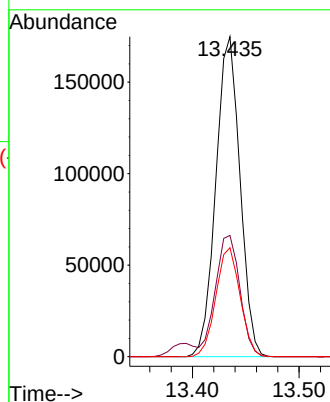
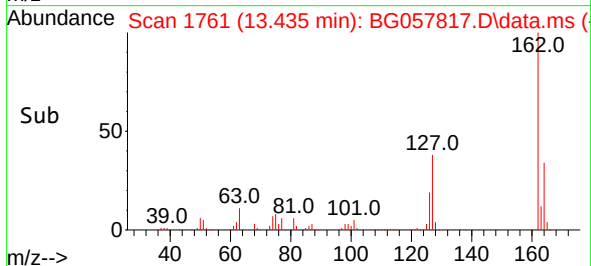


Tgt Ion:162 Resp: 27465
Ion Ratio Lower Upper
162 100
127 37.9 32.2 48.2
164 34.1 28.0 42.0

Manual Integrations

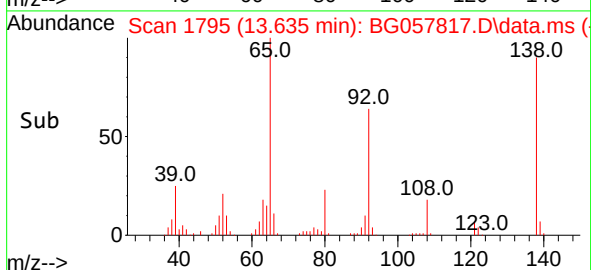
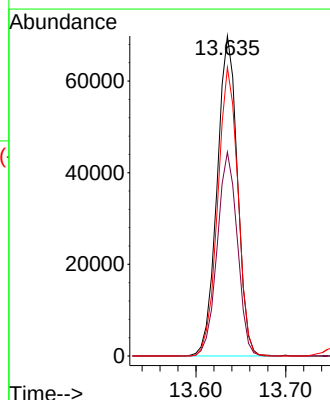
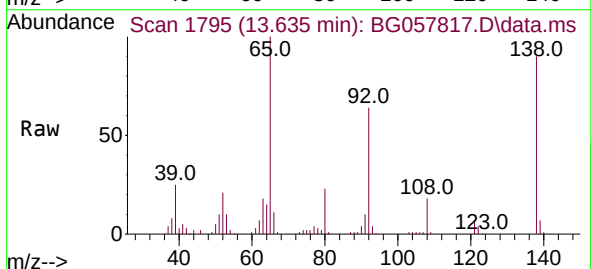
APPROVED

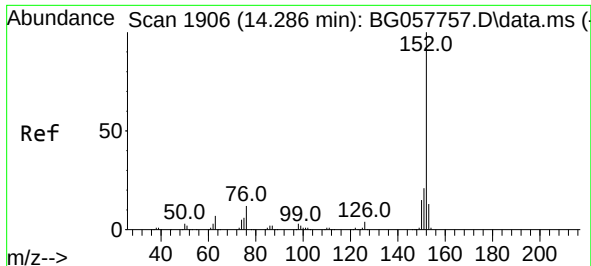
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#48
2-Nitroaniline
Concen: 51.036 ng
RT: 13.635 min Scan# 1795
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

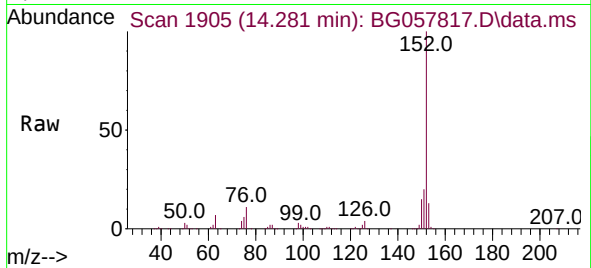
Tgt Ion: 65 Resp: 109621
Ion Ratio Lower Upper
65 100
92 63.7 51.2 76.8
138 90.2 67.2 100.8





#49
Acenaphthylene
Concen: 44.791 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

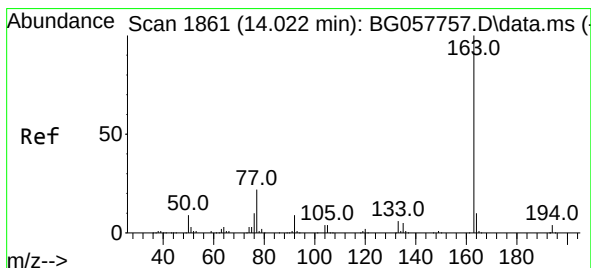
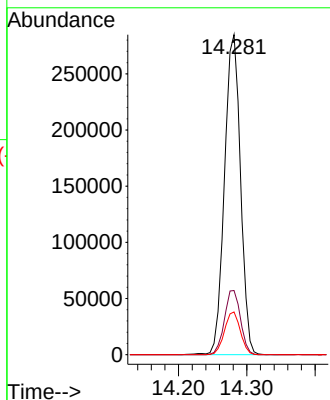
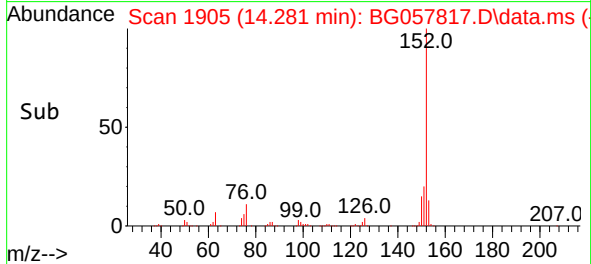
Instrument :
BNA_G
ClientSampleId :
PB153649BS



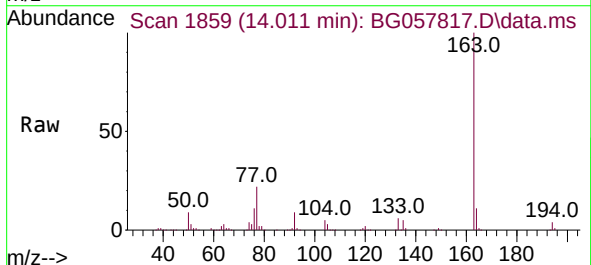
Tgt Ion:152 Resp: 46468
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.4
153 13.4 10.5 15.7

Manual Integrations
APPROVED

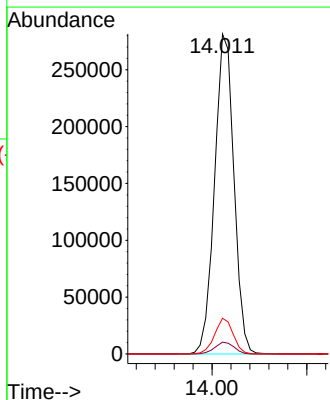
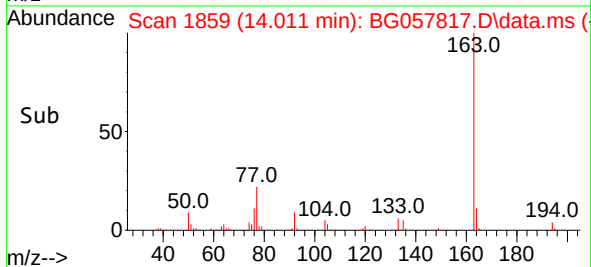
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

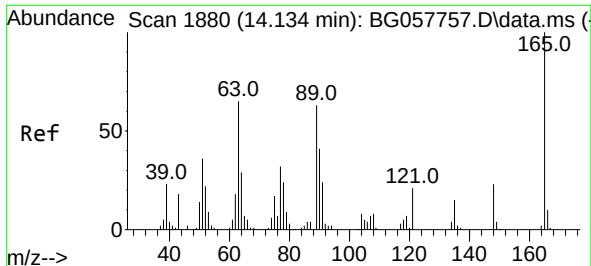


#50
Dimethylphthalate
Concen: 45.337 ng
RT: 14.011 min Scan# 1859
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:163 Resp: 398985
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 11.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 53.278 ng
RT: 14.129 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

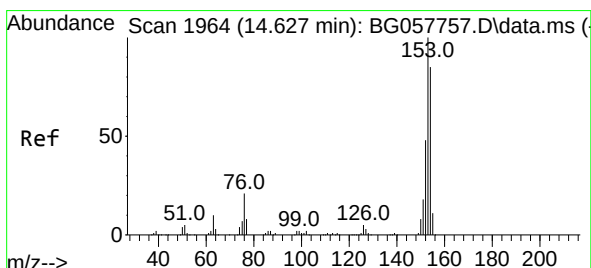
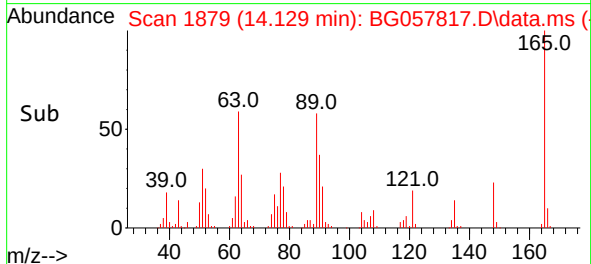
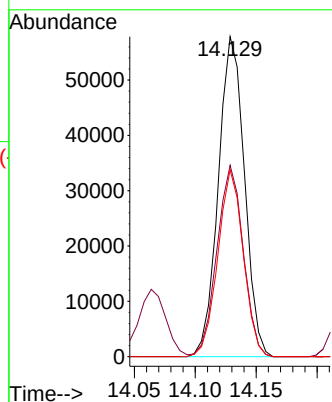
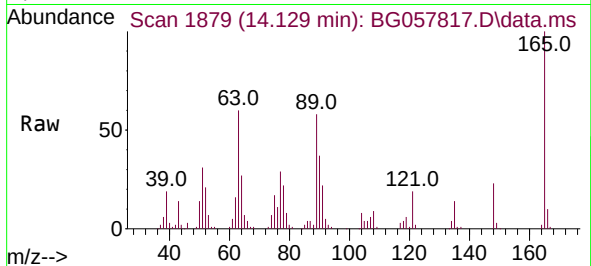
ClientSampleId :

PB153649BS

Tgt Ion:165 Resp: 8634
Ion Ratio Lower Upper
165 100
63 59.8 52.8 79.2
89 58.4 50.7 76.1

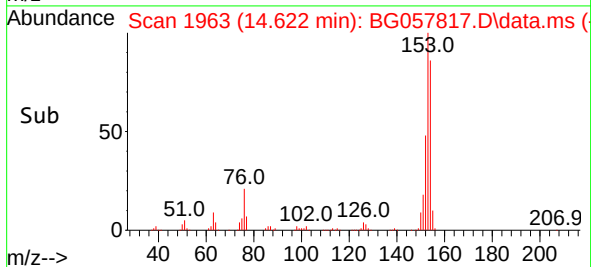
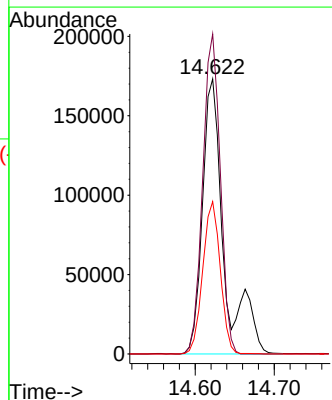
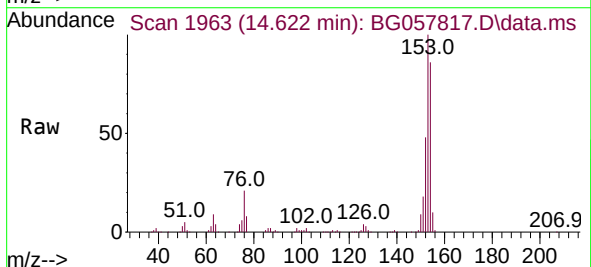
Manual Integrations
APPROVED

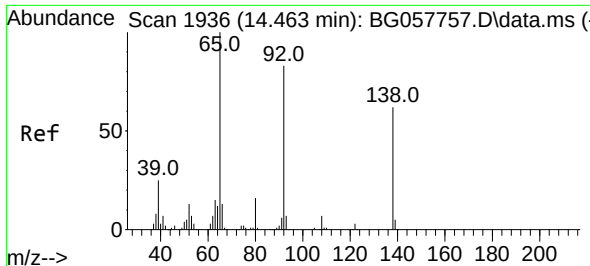
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 51.252 ng m
RT: 14.622 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:154 Resp: 329170
Ion Ratio Lower Upper
154 100
153 116.3 93.6 140.4
152 55.4 44.7 67.1





#53
3-Nitroaniline
Concen: 31.805 ng
RT: 14.458 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

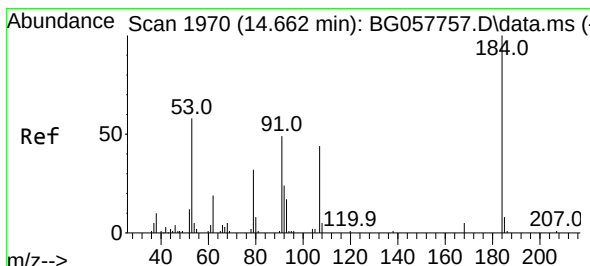
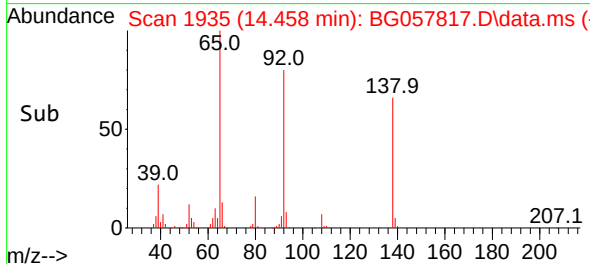
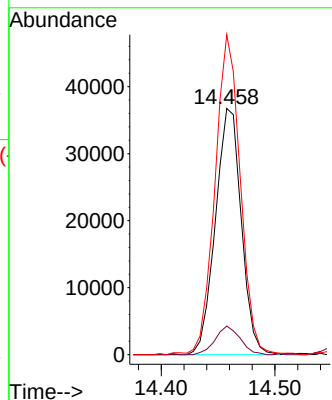
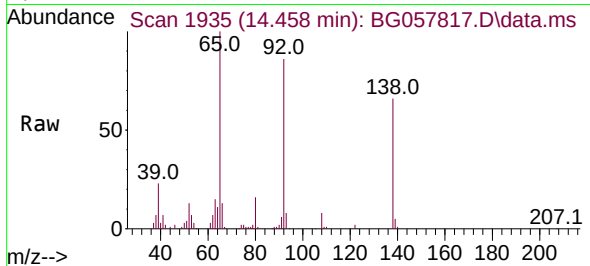
ClientSampleId :

PB153649BS

Tgt Ion:138 Resp: 5808
Ion Ratio Lower Upper
138 100
108 11.6 9.1 13.7
92 130.0 106.4 159.6

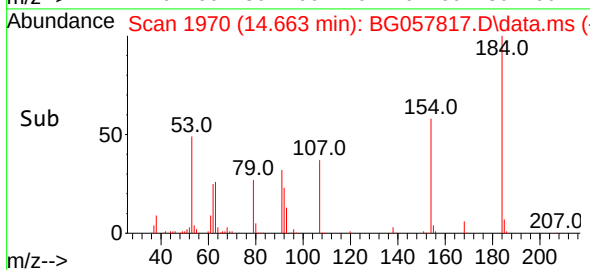
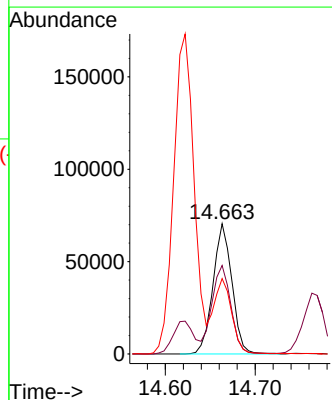
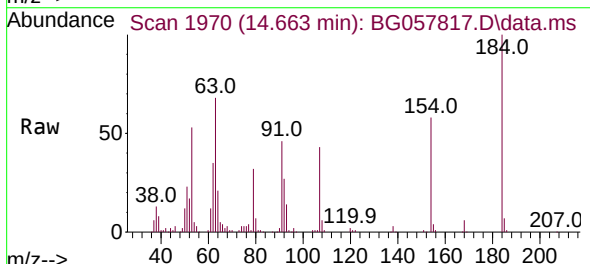
Manual Integrations
APPROVED

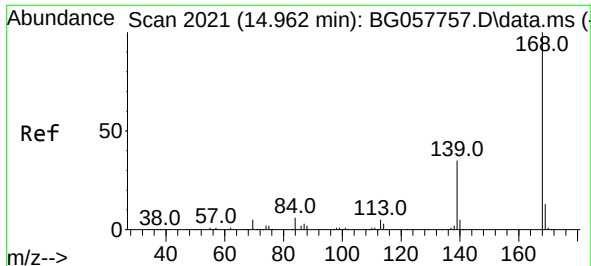
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#54
2,4-Dinitrophenol
Concen: 117.011 ng
RT: 14.663 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:184 Resp: 103225
Ion Ratio Lower Upper
184 100
63 68.0 55.2 82.8
154 57.9 47.4 71.0





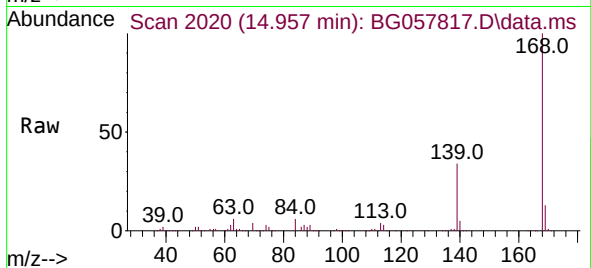
#55
Dibenzenofuran
Concen: 44.461 ng
RT: 14.957 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

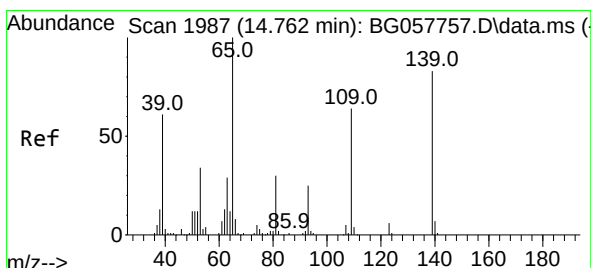
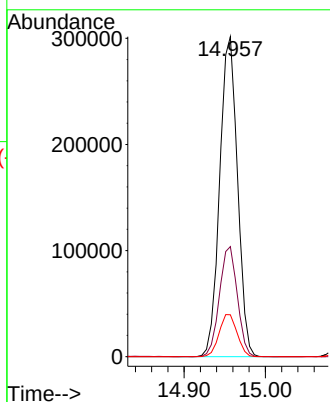
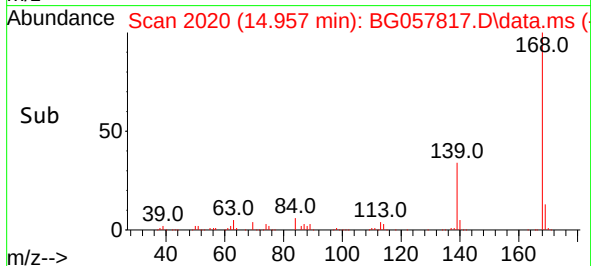


Tgt Ion:168 Resp: 459140
Ion Ratio Lower Upper
168 100
139 34.4 28.1 42.1
169 13.1 10.7 16.1

Manual Integrations

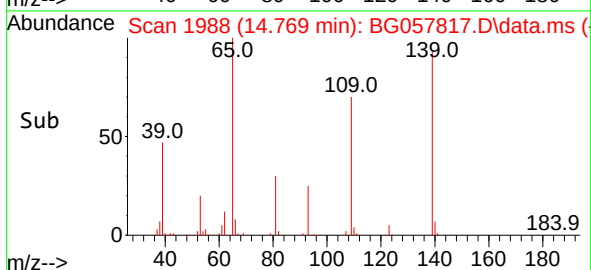
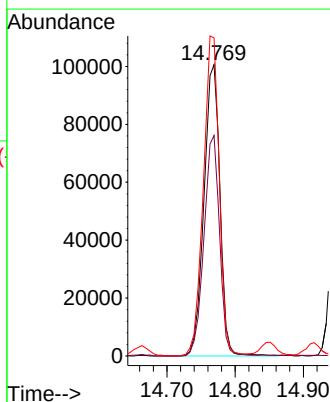
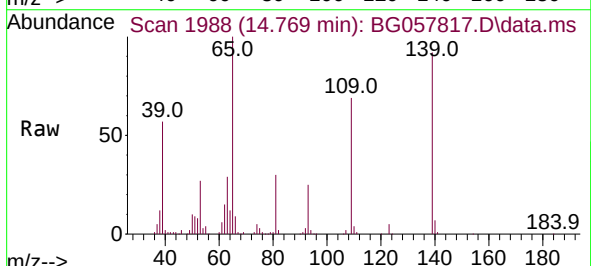
APPROVED

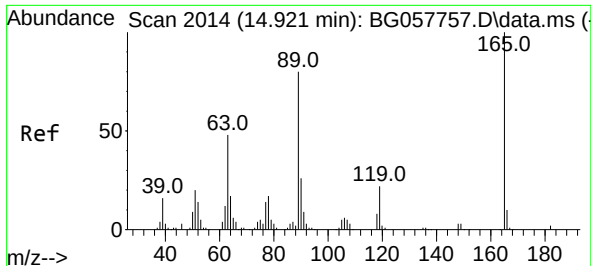
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 112.941 ng
RT: 14.769 min Scan# 1988
Delta R.T. 0.007 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:139 Resp: 163923
Ion Ratio Lower Upper
139 100
109 75.7 57.3 97.3
65 109.2 100.0 140.0





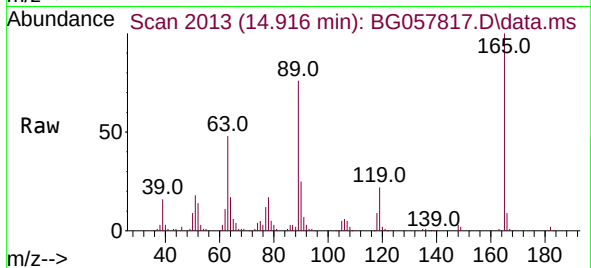
#57
2,4-Dinitrotoluene
Concen: 57.307 ng
RT: 14.916 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

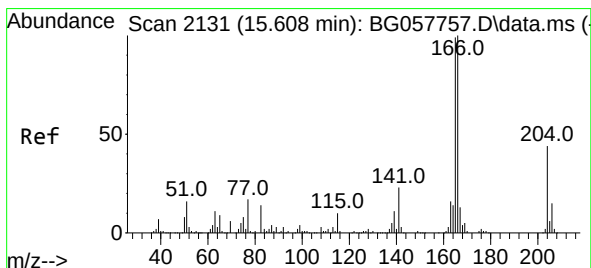
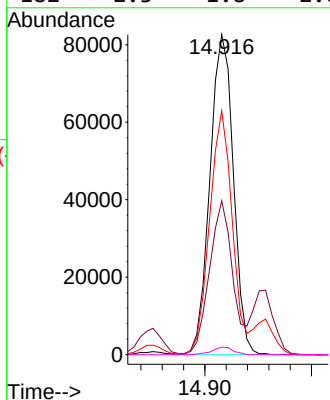
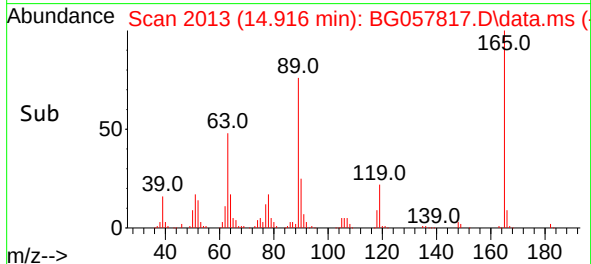


Tgt Ion:165 Resp: 12594
Ion Ratio Lower Upper
165 100
63 48.1 38.6 58.0
89 76.2 63.7 95.5
182 2.3 1.8 2.6

Manual Integrations

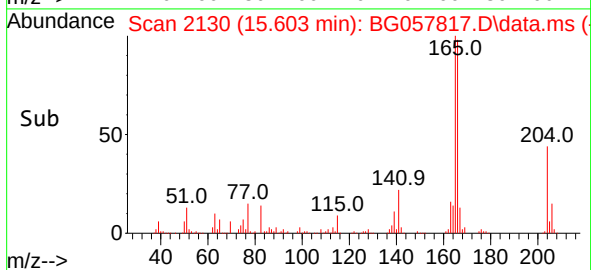
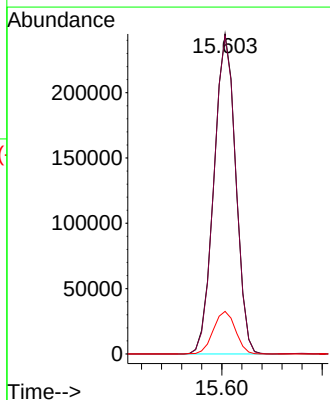
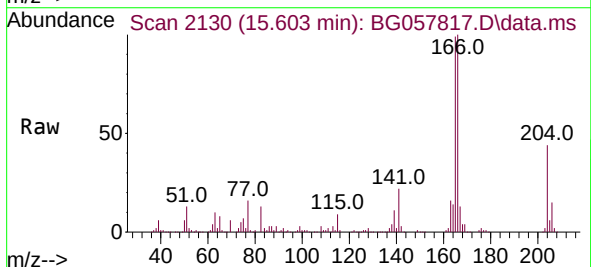
APPROVED

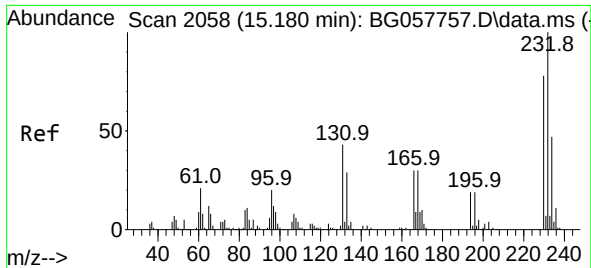
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#58
Fluorene
Concen: 45.044 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:166 Resp: 368215
Ion Ratio Lower Upper
166 100
165 99.4 79.5 119.3
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.142 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

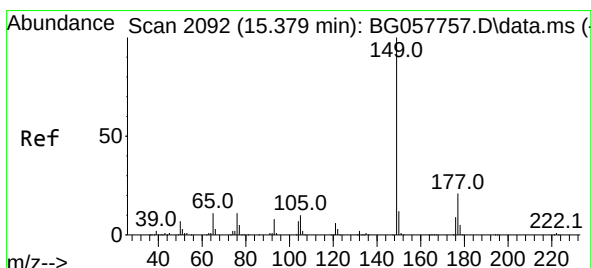
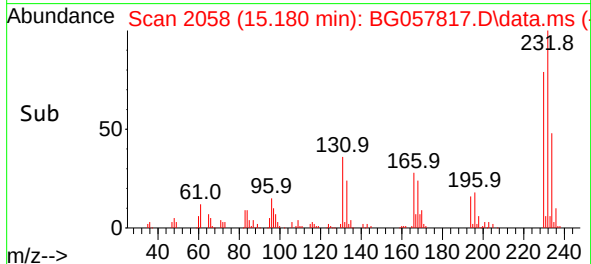
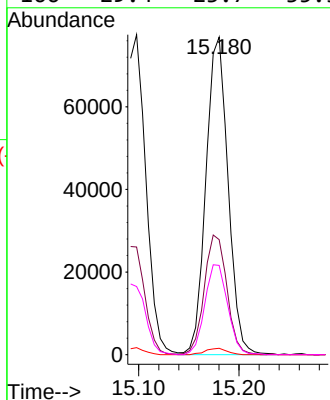
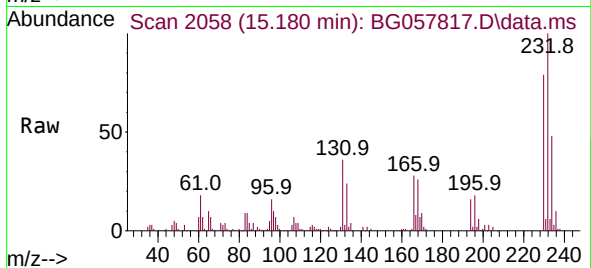
PB153649BS

Tgt Ion:232 Resp: 11781
Ion Ratio Lower Upper
232 100
131 38.6 31.9 47.9
130 2.0 1.6 2.4
166 29.4 23.7 35.5

Manual Integrations

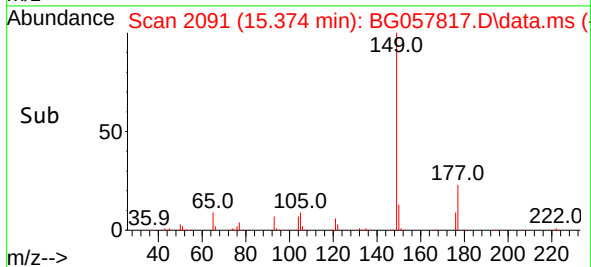
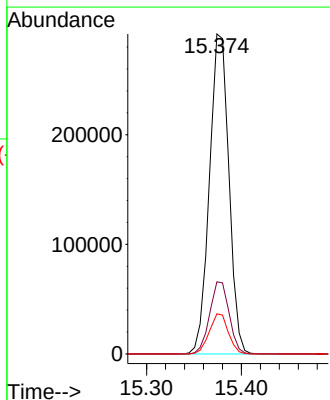
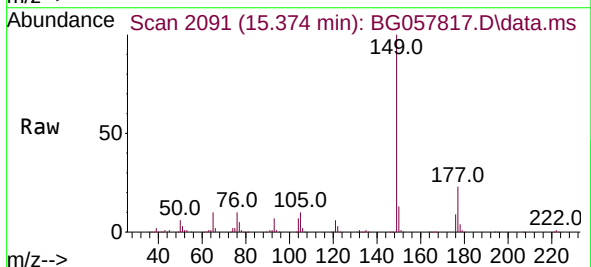
APPROVED

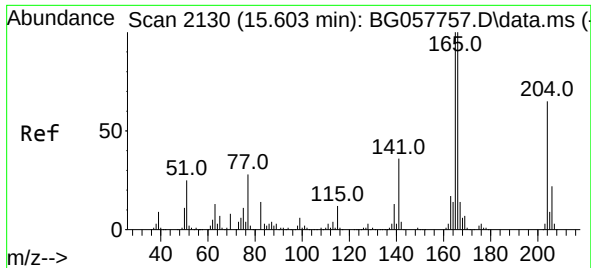
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#60
Diethylphthalate
Concen: 46.024 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:149 Resp: 415536
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.176 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

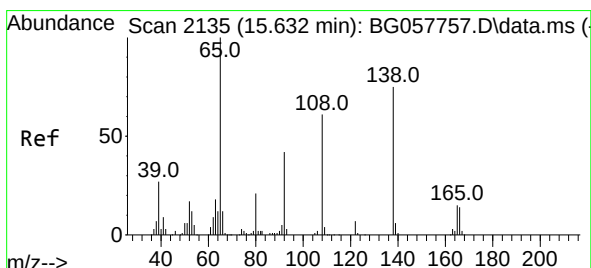
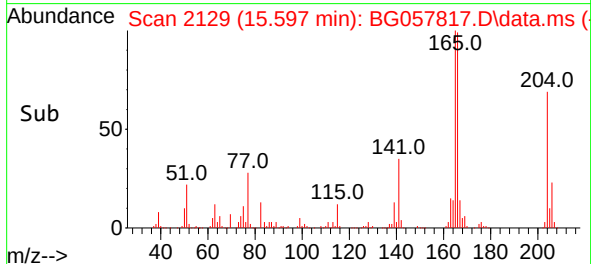
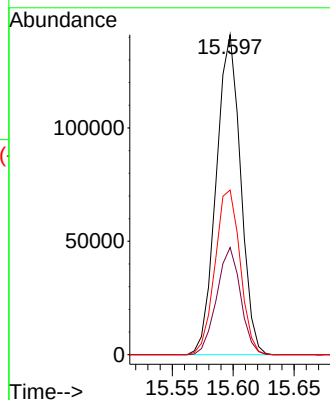
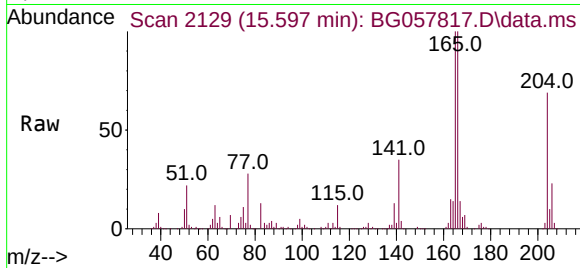
PB153649BS

Tgt Ion:204 Resp: 19636
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 51.4 44.3 66.5

Manual Integrations

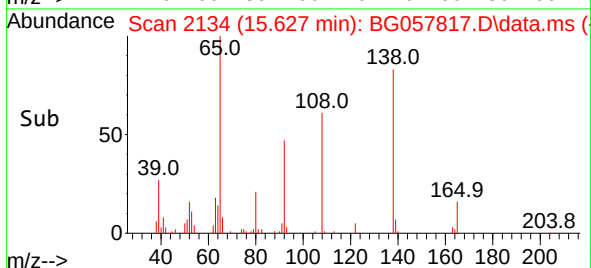
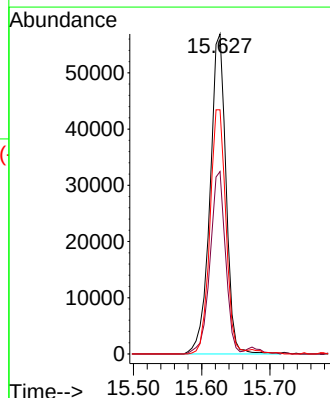
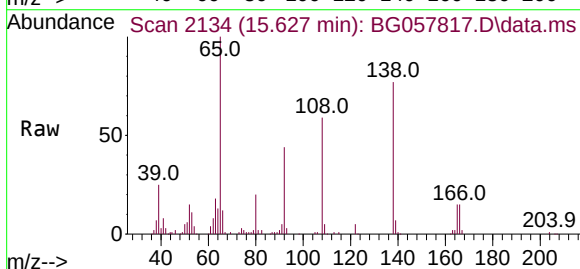
APPROVED

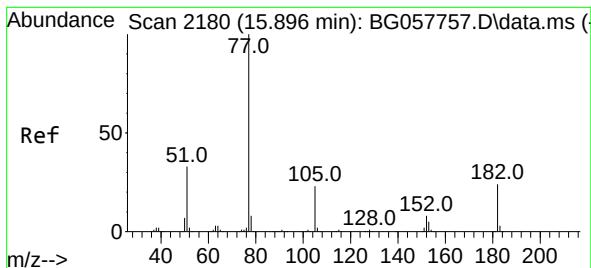
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#62
4-Nitroaniline
Concen: 49.864 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:138 Resp: 92841
Ion Ratio Lower Upper
138 100
92 57.0 35.9 75.9
108 76.3 62.1 102.1





#63

Azobenzene

Concen: 43.280 ng

RT: 15.891 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

Tgt Ion: 77 Resp: 39971

Ion Ratio Lower Upper

77 100

182 25.3 4.1 44.1

105 23.8 3.3 43.3

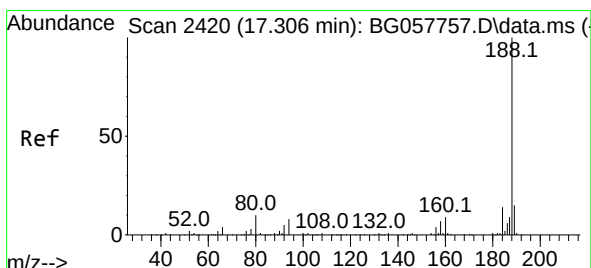
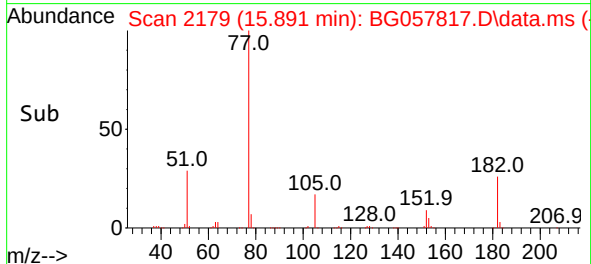
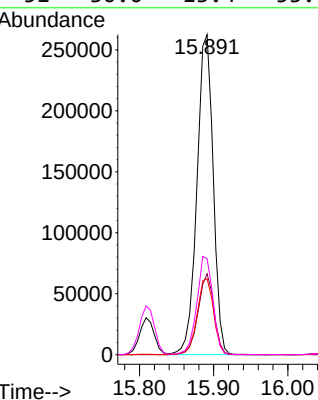
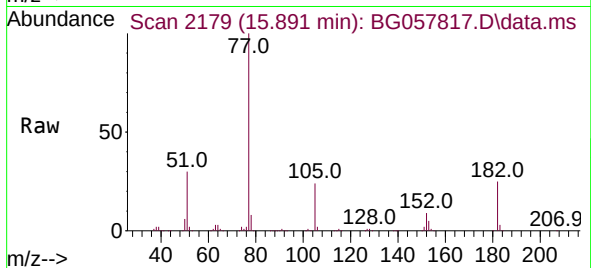
51 30.0 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

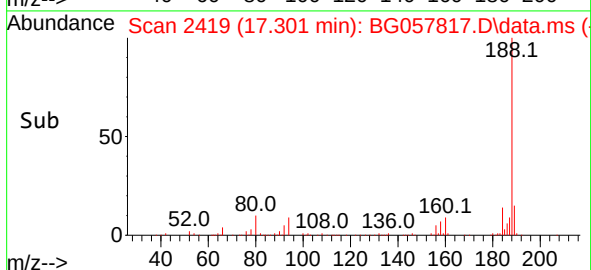
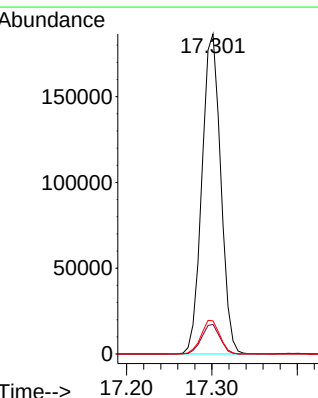
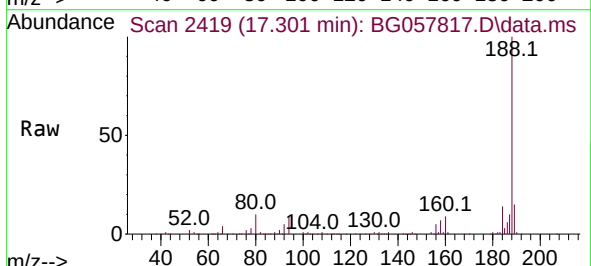
Tgt Ion:188 Resp: 285472

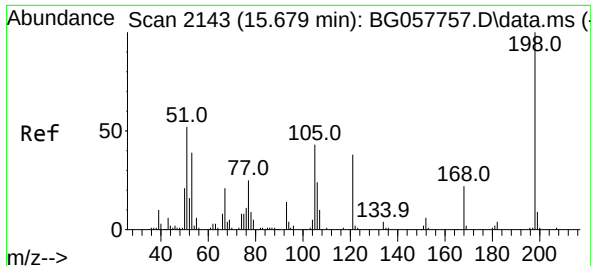
Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

80 10.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 55.563 ng
RT: 15.680 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

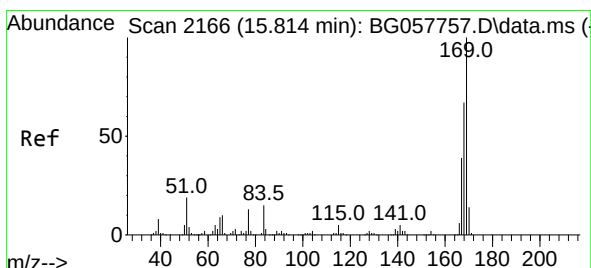
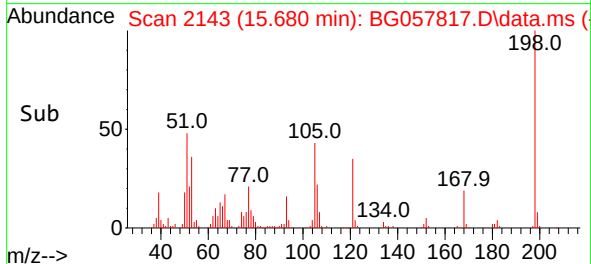
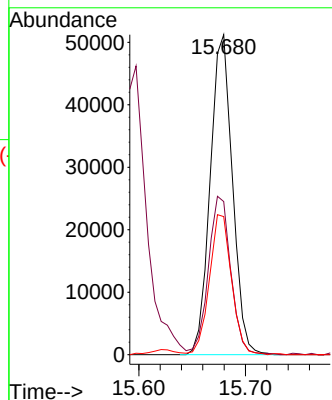
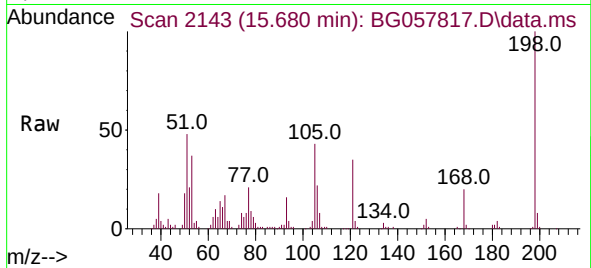
ClientSampleId :

PB153649BS

Tgt Ion:198 Resp: 7410
Ion Ratio Lower Upper
198 100
51 47.9 36.6 76.6
105 43.2 24.3 64.3

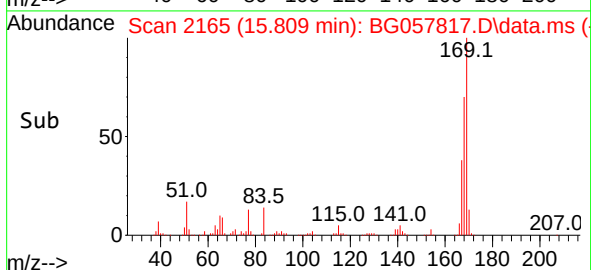
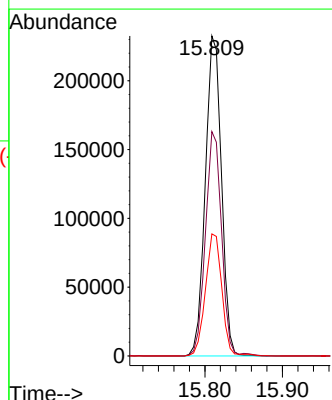
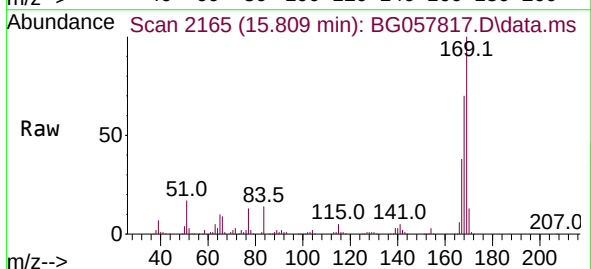
Manual Integrations
APPROVED

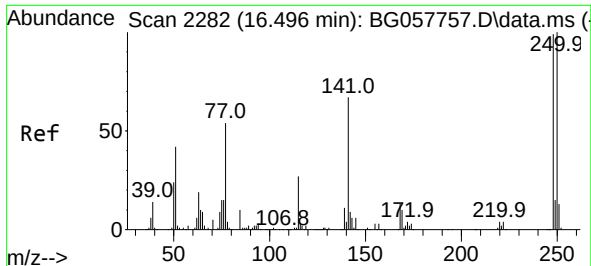
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 44.491 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:169 Resp: 335215
Ion Ratio Lower Upper
169 100
168 70.1 53.4 80.2
167 38.2 31.2 46.8





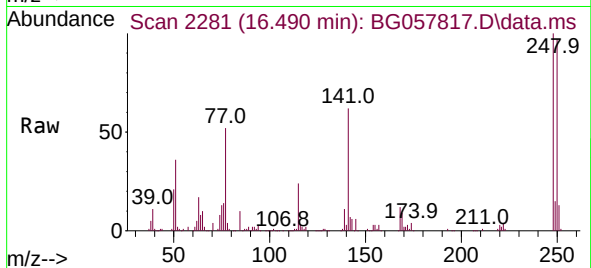
#67
4-Bromophenyl-phenylether
Concen: 44.409 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

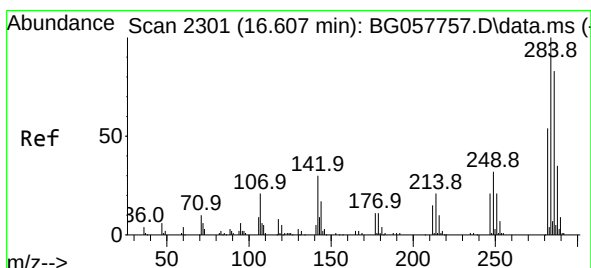
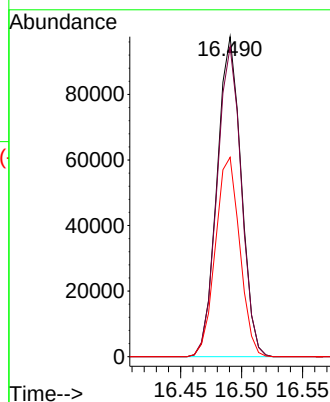
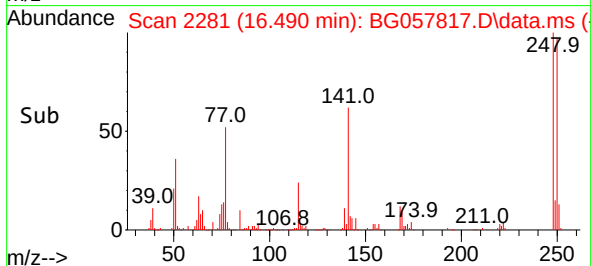


Tgt Ion:248 Resp: 134448
Ion Ratio Lower Upper
248 100
250 96.8 81.1 121.7
141 62.3 54.6 81.8

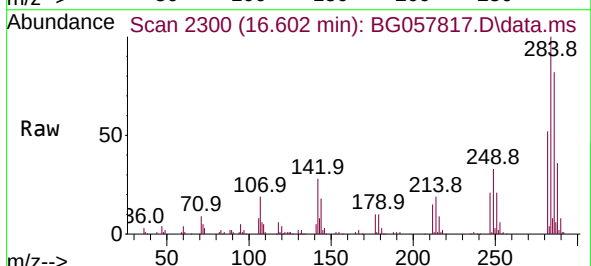
Manual Integrations

APPROVED

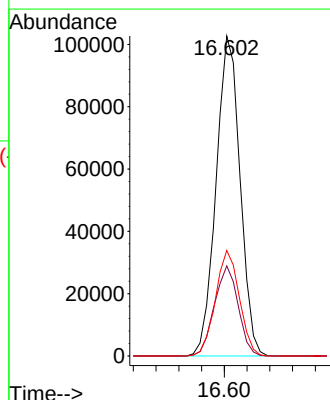
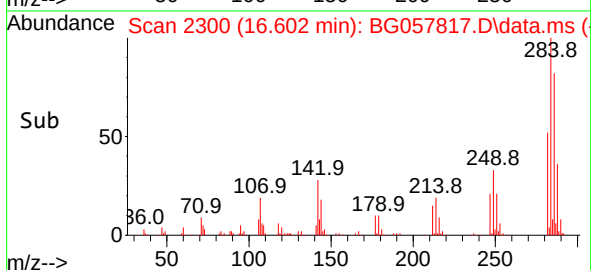
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

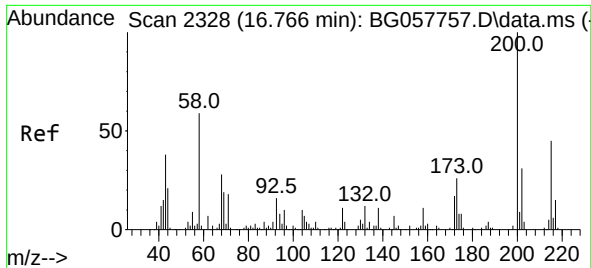


#68
Hexachlorobenzene
Concen: 48.669 ng
RT: 16.602 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58



Tgt Ion:284 Resp: 150210
Ion Ratio Lower Upper
284 100
142 28.2 24.2 36.4
249 33.0 25.9 38.9





#69
 Atrazine
 Concen: 55.265 ng
 RT: 16.761 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

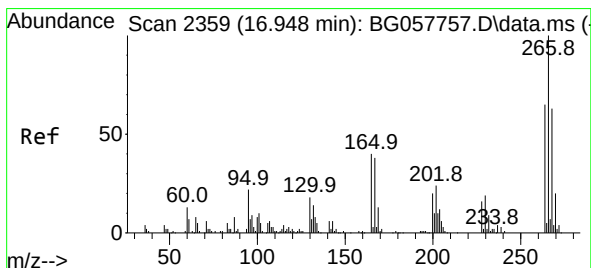
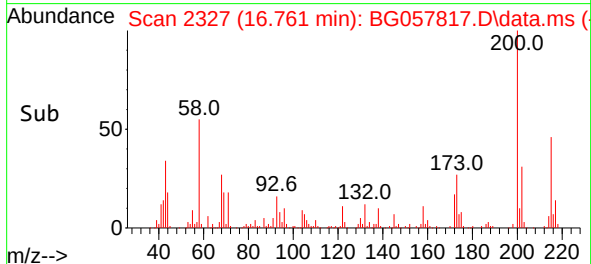
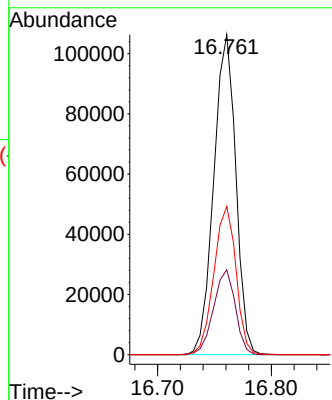
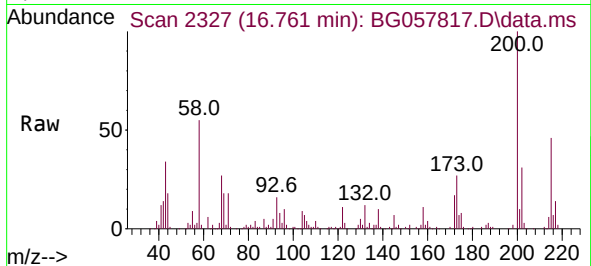
PB153649BS

Tgt Ion:200 Resp: 142930
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.6 45.6
 215 46.3 24.6 64.6

Manual Integrations

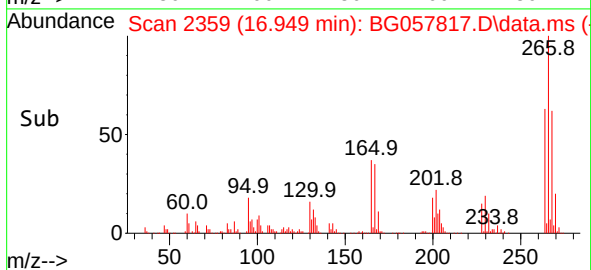
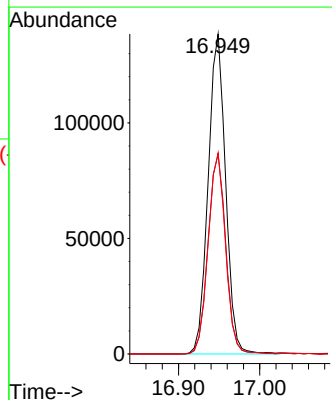
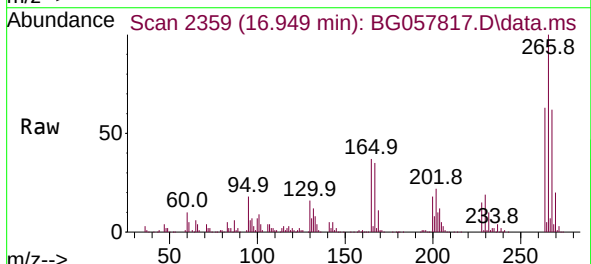
APPROVED

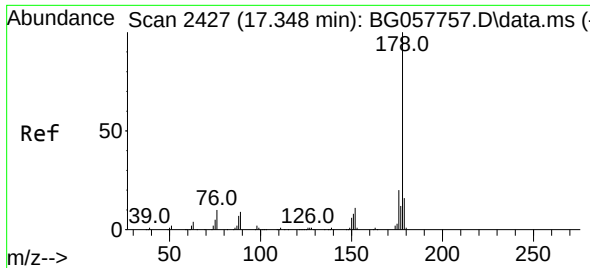
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#70
 Pentachlorophenol
 Concen: 90.490 ng
 RT: 16.949 min Scan# 2359
 Delta R.T. 0.001 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58

Tgt Ion:266 Resp: 206328
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.5 75.7
 264 62.9 51.8 77.6





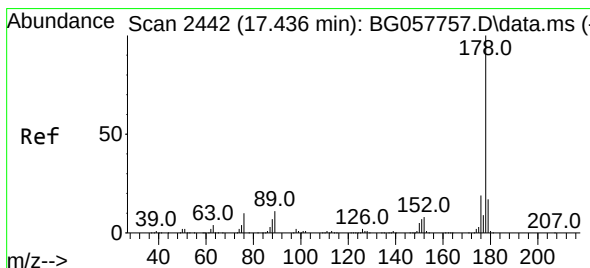
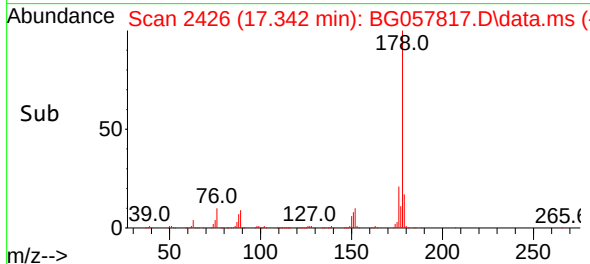
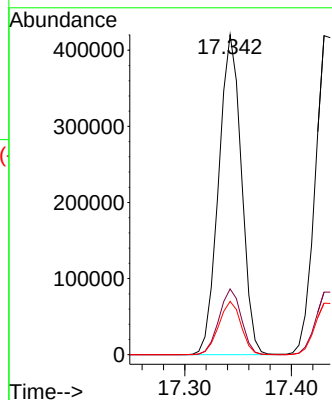
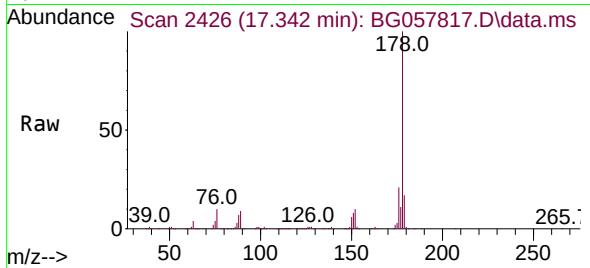
#71
Phenanthrene
Concen: 45.047 ng
RT: 17.342 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :
BNA_G
ClientSampleId :
PB153649BS

Tgt Ion:178 Resp: 622640
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.7 13.0 19.6

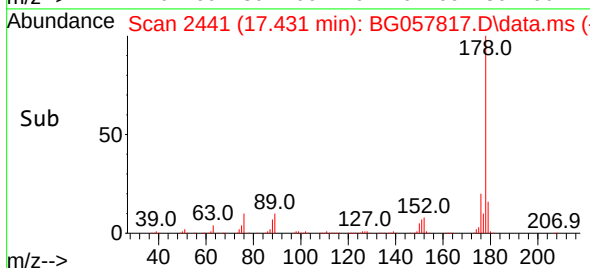
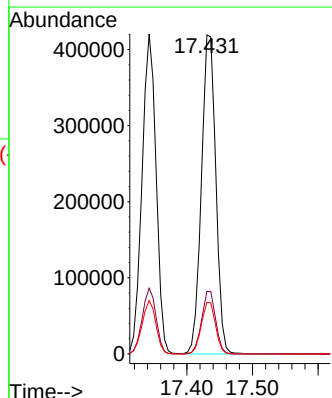
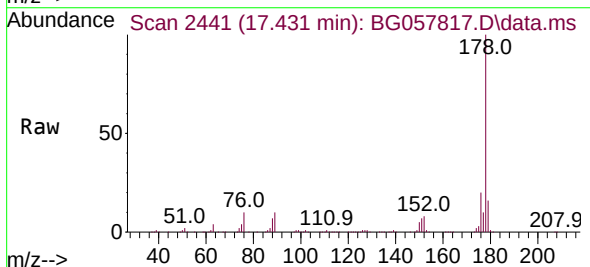
Manual Integrations
APPROVED

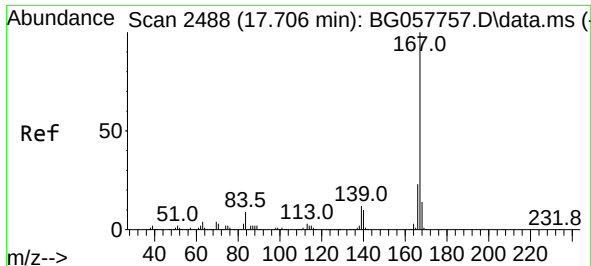
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#72
Anthracene
Concen: 45.398 ng
RT: 17.431 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

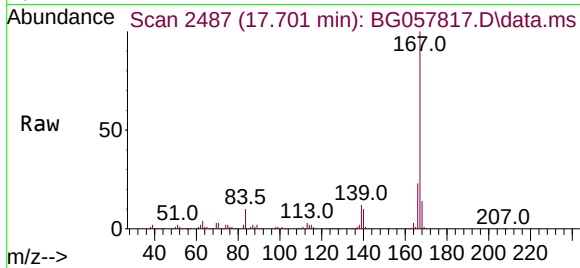
Tgt Ion:178 Resp: 640746
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.1 13.3 19.9





#73
 Carbazole
 Concen: 46.613 ng
 RT: 17.701 min Scan# 2488
 Delta R.T. -0.005 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58

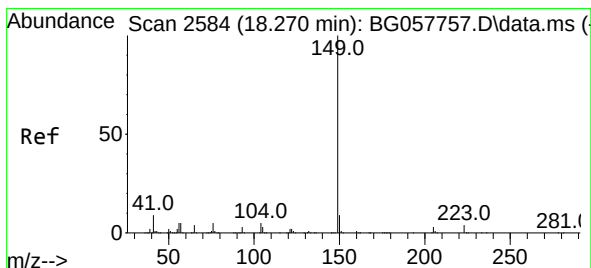
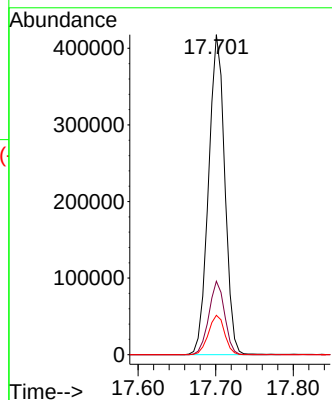
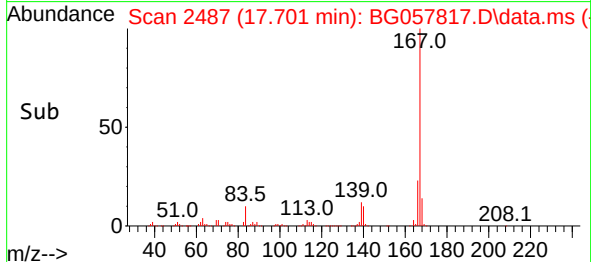
Instrument :
 BNA_G
 ClientSampleId :
 PB153649BS



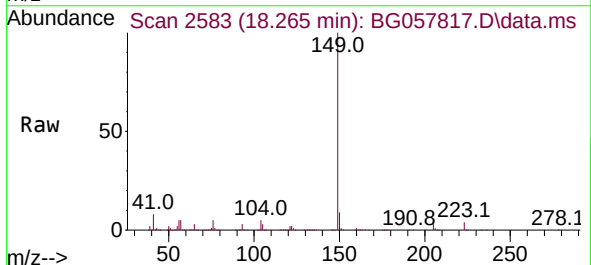
Tgt Ion:167 Resp: 606604
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.3 9.9 14.9

Manual Integrations
 APPROVED

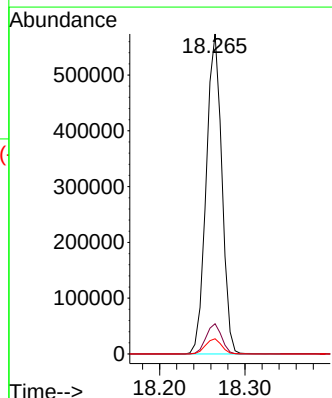
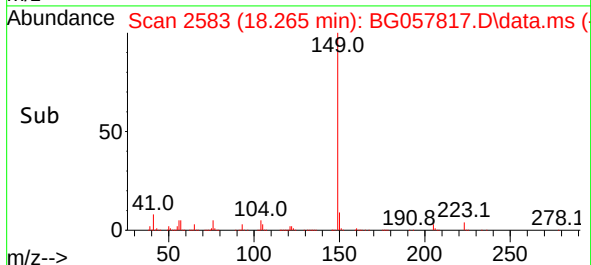
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

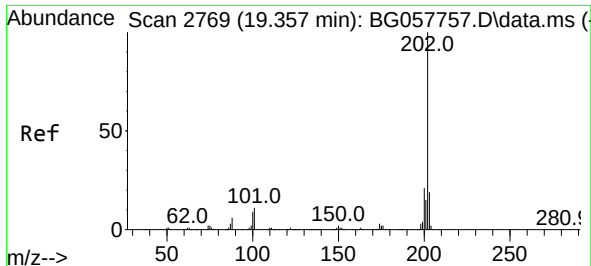


#74
 Di-n-butylphthalate
 Concen: 47.321 ng
 RT: 18.265 min Scan# 2583
 Delta R.T. -0.005 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58



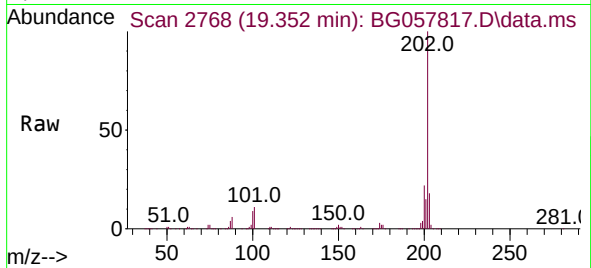
Tgt Ion:149 Resp: 729171
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 45.401 ng
RT: 19.352 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

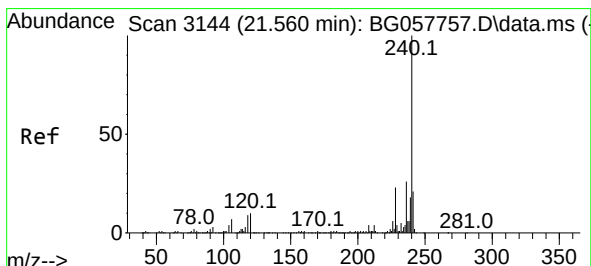
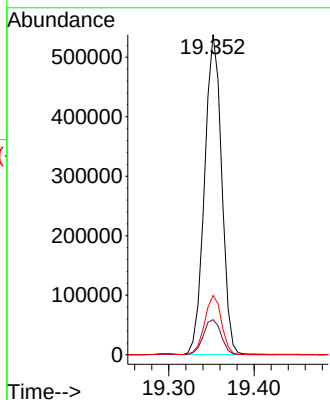
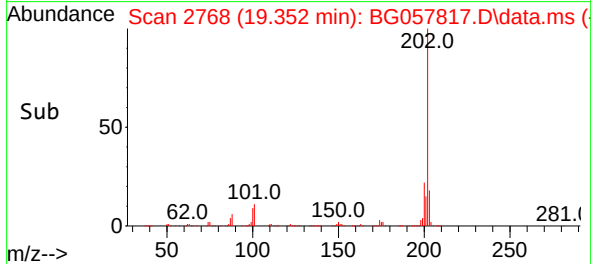
Instrument :
BNA_G
ClientSampleId :
PB153649BS



Tgt Ion:202 Resp: 747580
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 18.5 0.0 38.7

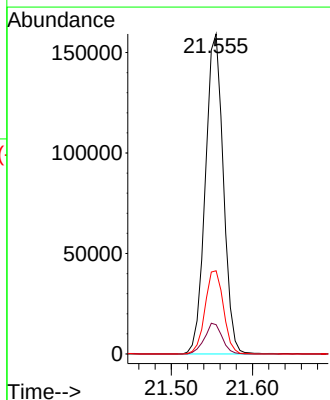
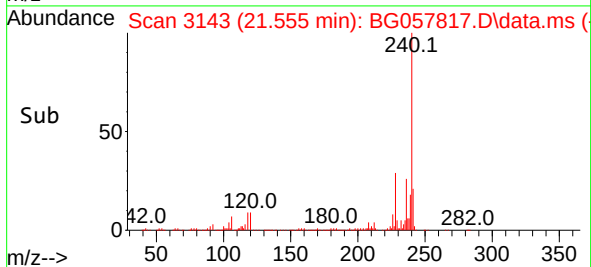
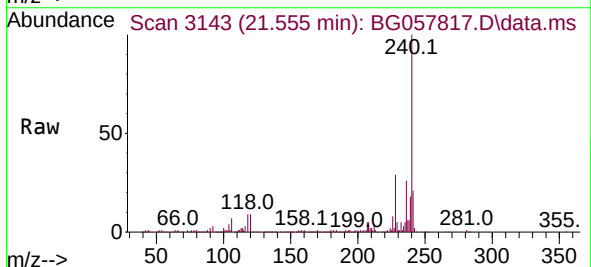
Manual Integrations
APPROVED

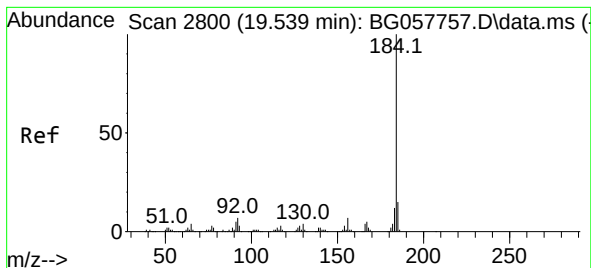
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:240 Resp: 243865
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.0 20.6 30.8





#77

Benzidine

Concen: 69.696 ng

RT: 19.534 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

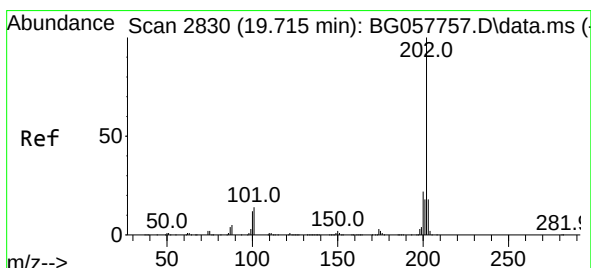
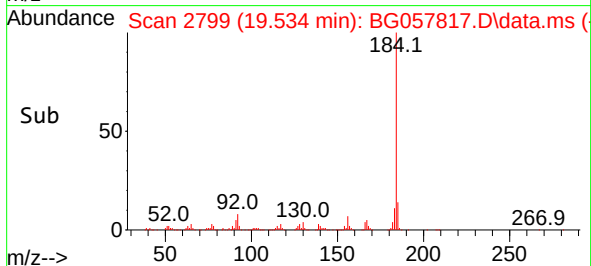
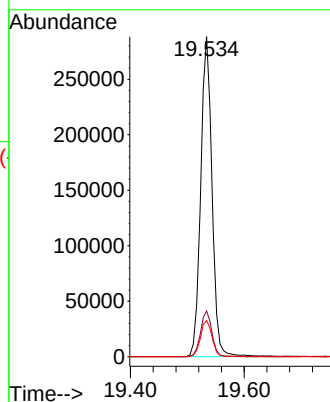
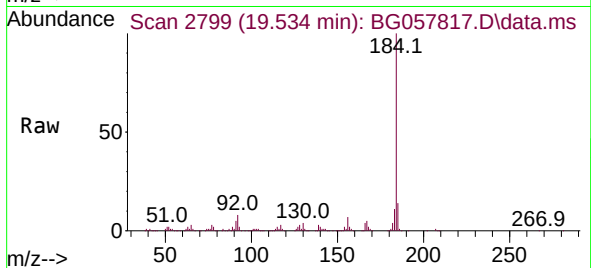
Tgt Ion:184 Resp: 398412
 Ion Ratio Lower Upper
 184 100
 185 14.3 12.0 18.0
 183 11.3 9.4 14.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#78

Pyrene

Concen: 44.095 ng

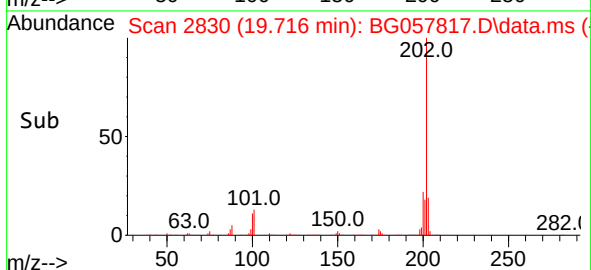
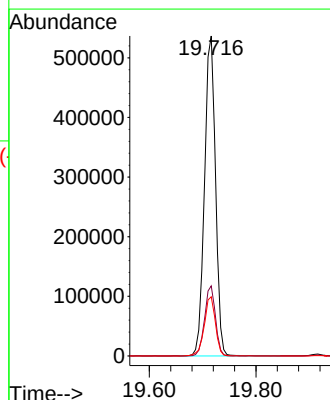
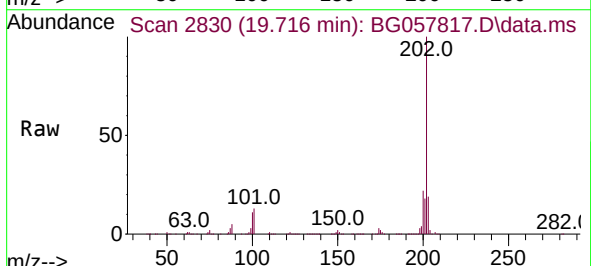
RT: 19.716 min Scan# 2830

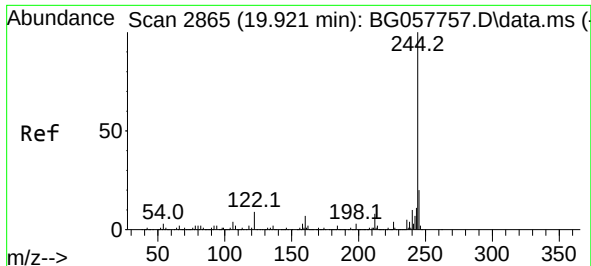
Delta R.T. 0.001 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Tgt Ion:202 Resp: 767082
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.0
 203 18.5 14.6 22.0





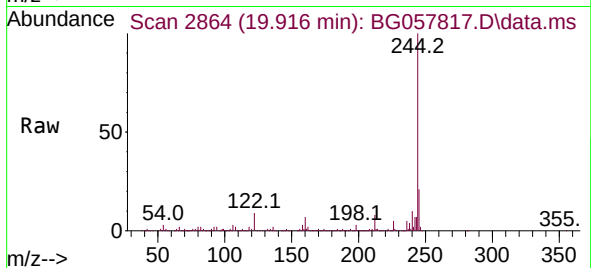
#79
 Terphenyl-d14
 Concen: 91.773 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

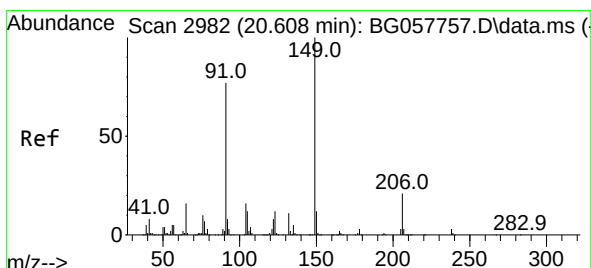
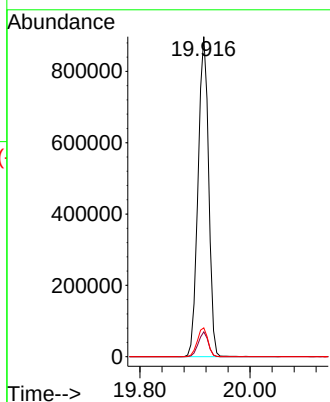
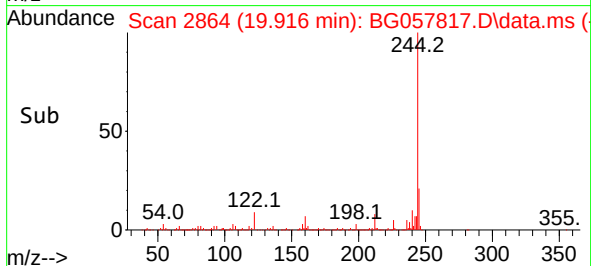


Tgt Ion:244 Resp: 120022
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 9.0 7.6 11.4

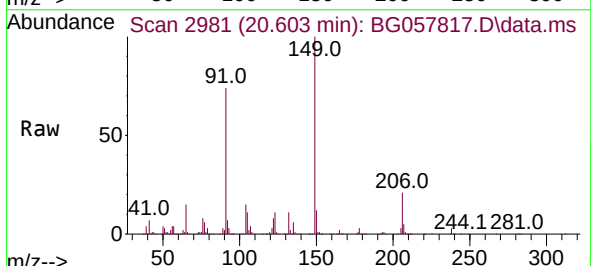
Manual Integrations

APPROVED

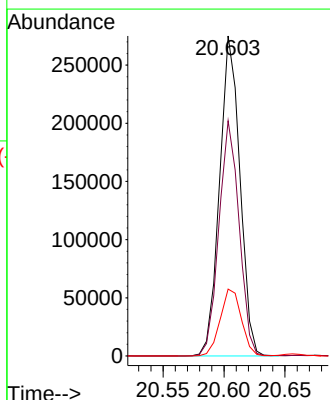
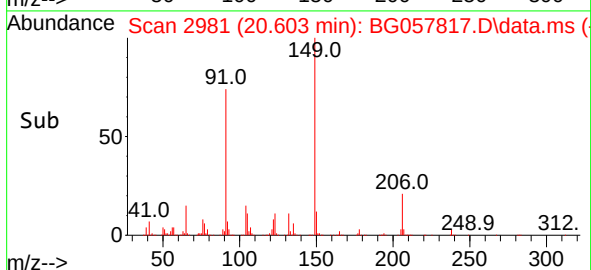
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

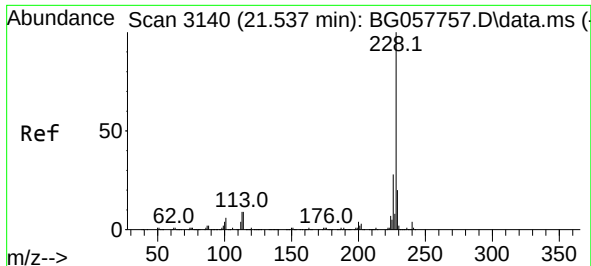


#80
 Butylbenzylphthalate
 Concen: 48.306 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.005 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58



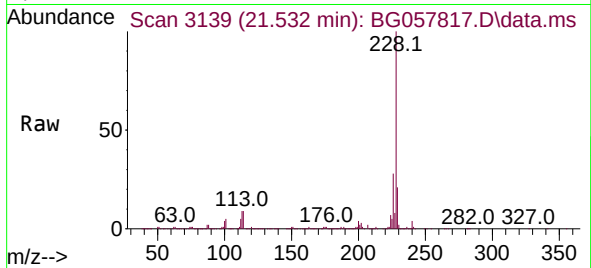
Tgt Ion:149 Resp: 319670
 Ion Ratio Lower Upper
 149 100
 91 73.5 61.7 92.5
 206 20.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 45.985 ng
RT: 21.532 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

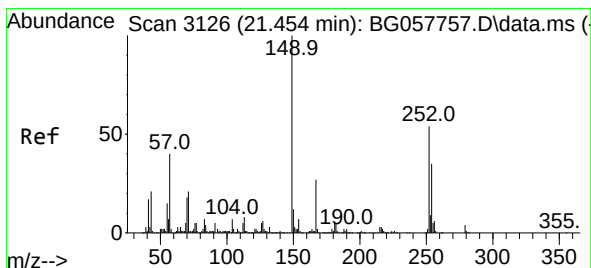
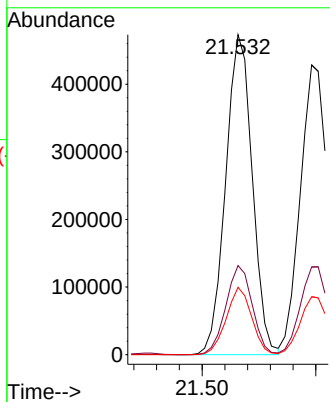
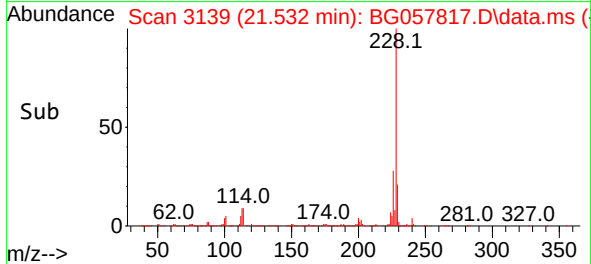
Instrument :
BNA_G
ClientSampleId :
PB153649BS



Tgt Ion:228 Resp: 769389
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 21.0 16.3 24.5

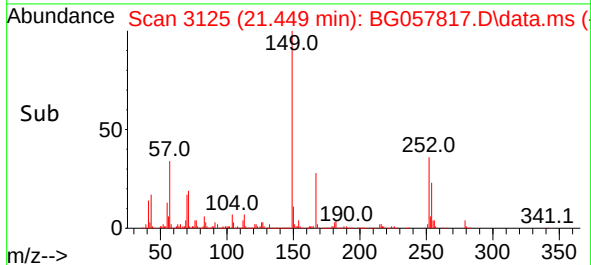
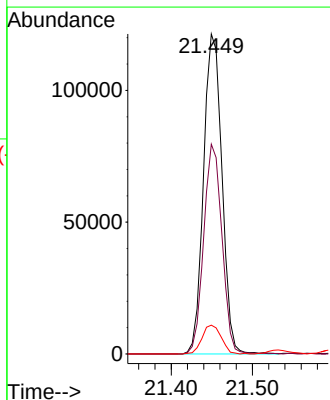
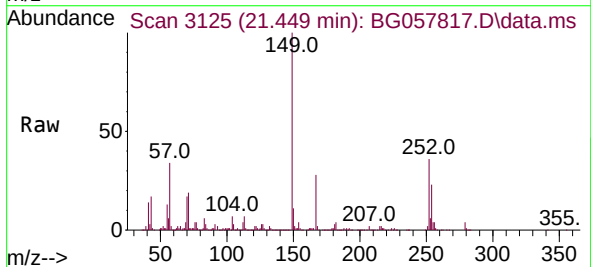
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APPROVED

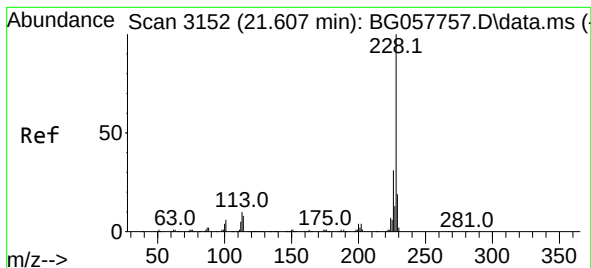
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.577 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:252 Resp: 191075
Ion Ratio Lower Upper
252 100
254 65.6 51.0 76.6
126 9.0 7.0 10.6





#83

Chrysene

Concen: 44.060 ng

RT: 21.596 min Scan# 3150

Delta R.T. -0.011 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

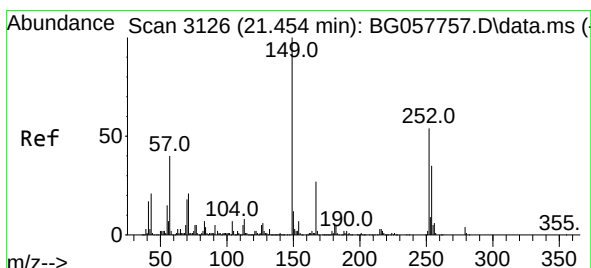
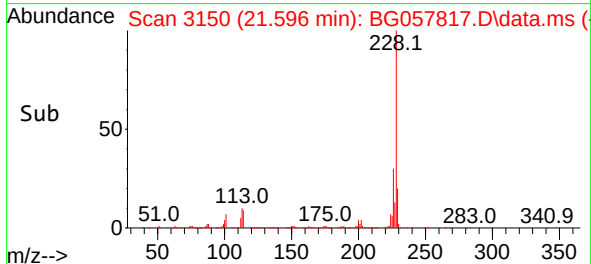
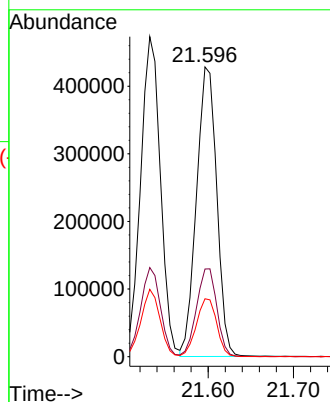
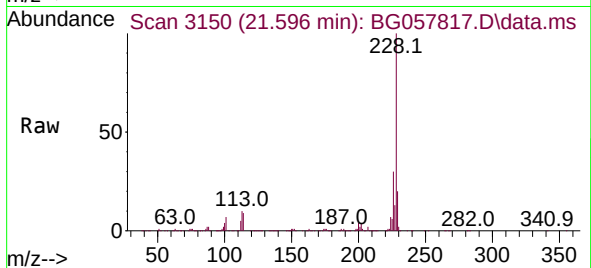
PB153649BS

Tgt Ion:228 Resp: 707470
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.8 37.2
 229 20.0 15.6 23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.535 ng

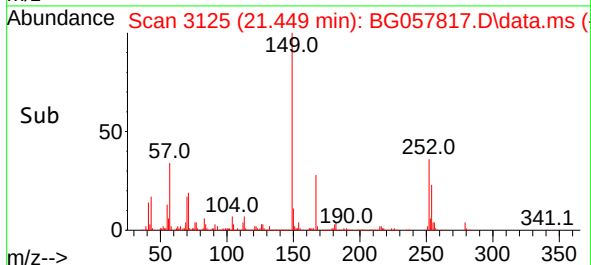
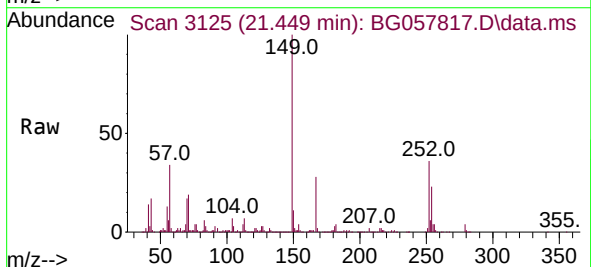
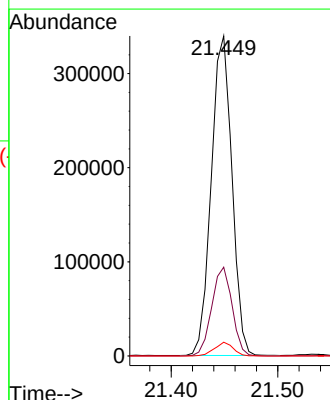
RT: 21.449 min Scan# 3125

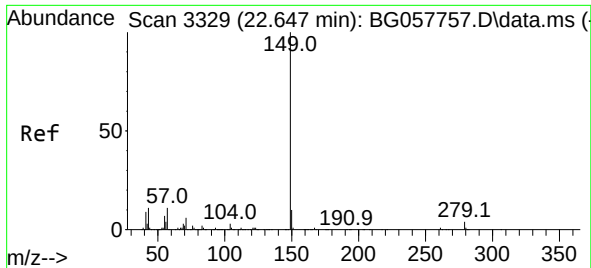
Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Tgt Ion:149 Resp: 456715
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.8
 279 4.3 2.9 4.3





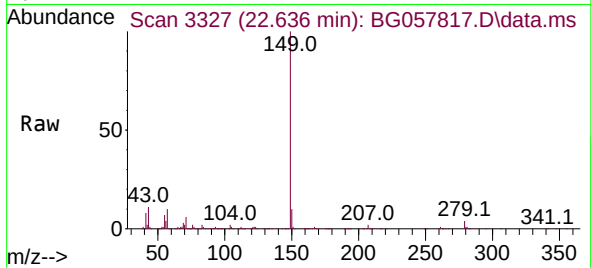
#85
Di-n-octyl phthalate
Concen: 48.968 ng
RT: 22.636 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS

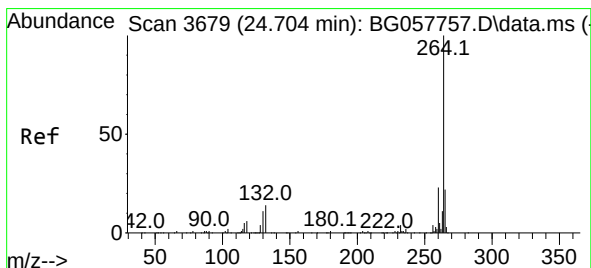
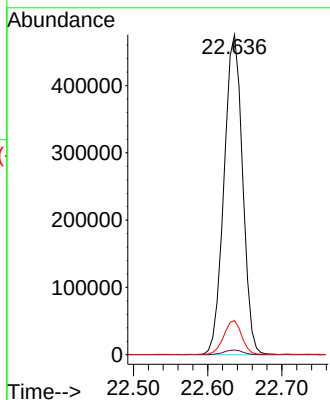
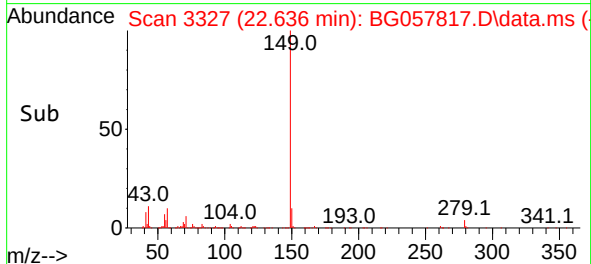


Tgt Ion:149 Resp: 825218
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 9.6 14.4

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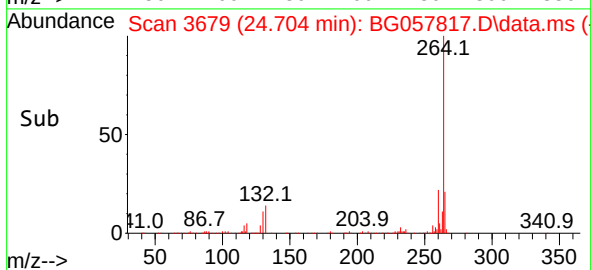
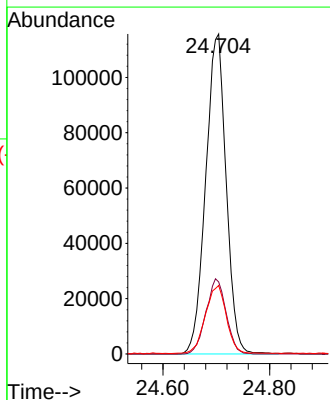
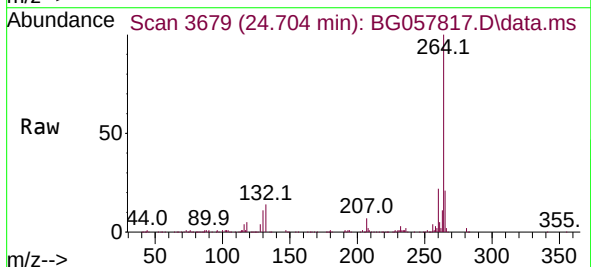
APPROVED

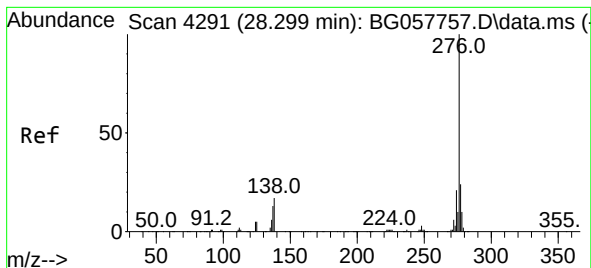
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.704 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BG057817.D
Acq: 22 Jun 2023 20:58

Tgt Ion:264 Resp: 307620
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.225 ng

RT: 28.288 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG057817.D

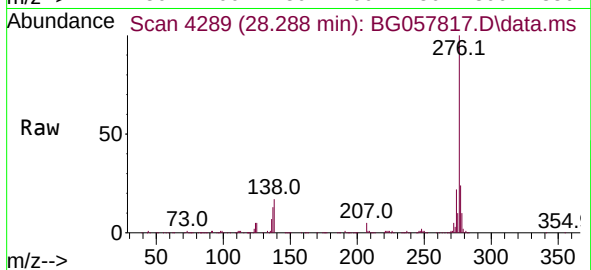
Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

PB153649BS



Tgt Ion:276 Resp: 949824

Ion Ratio Lower Upper

276 100

138 16.2 11.3 16.9

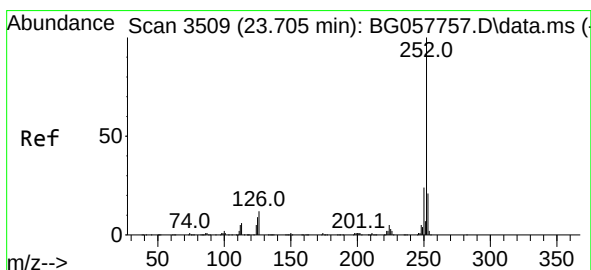
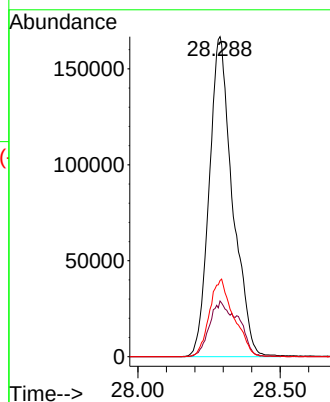
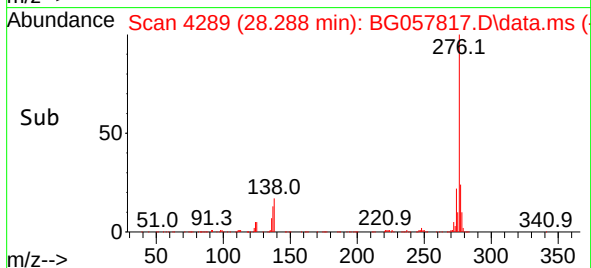
277 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#88

Benzo(b)fluoranthene

Concen: 48.438 ng

RT: 23.706 min Scan# 3509

Delta R.T. 0.001 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

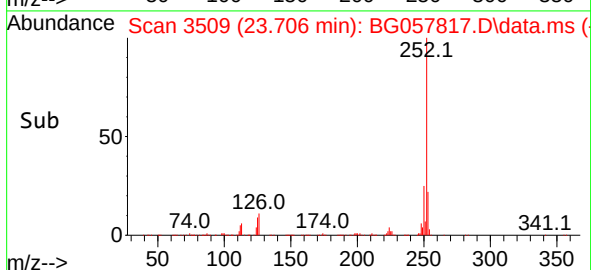
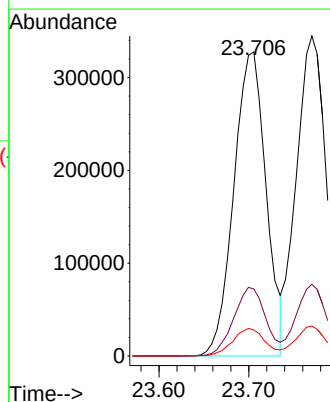
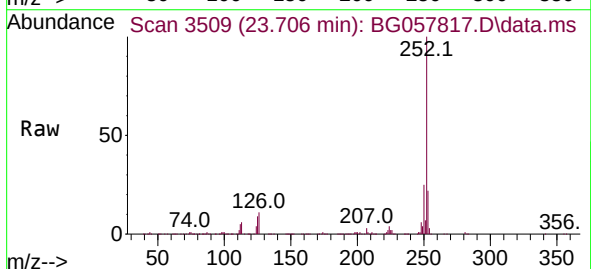
Tgt Ion:252 Resp: 816539

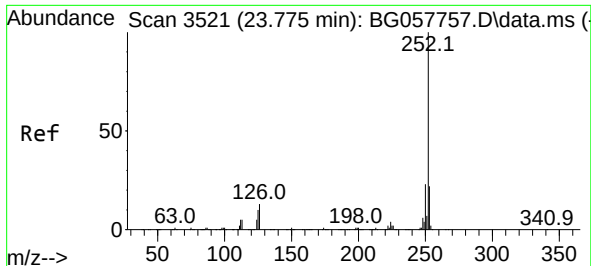
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 8.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.230 ng

RT: 23.770 min Scan# 3521

Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

ClientSampleId :

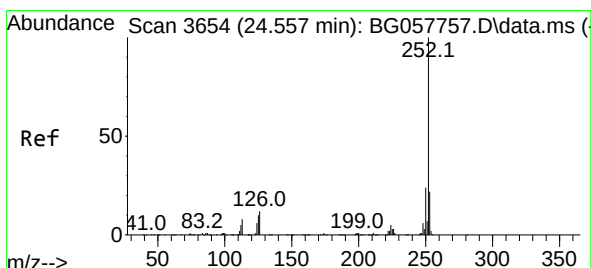
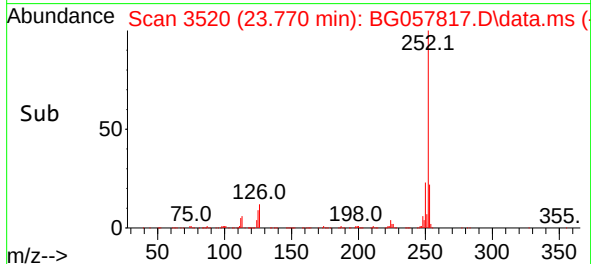
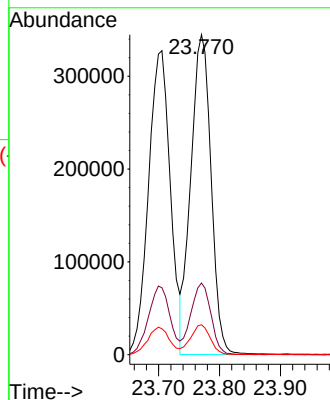
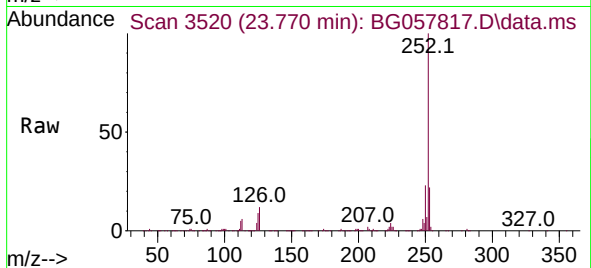
PB153649BS

Tgt Ion:252 Resp: 793710
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 9.4 7.6 11.4

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 43.755 ng

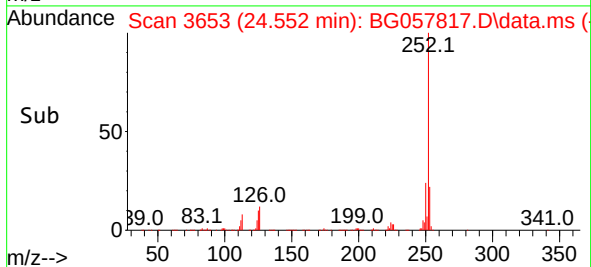
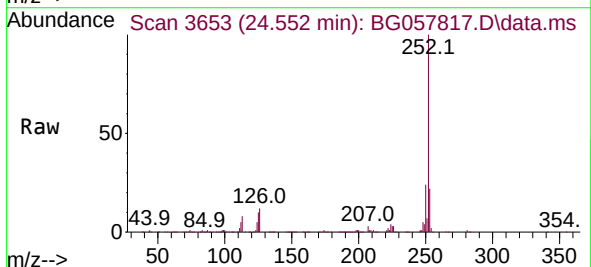
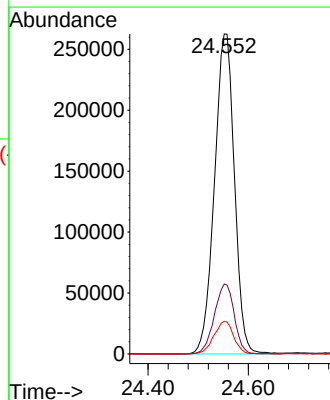
RT: 24.552 min Scan# 3653

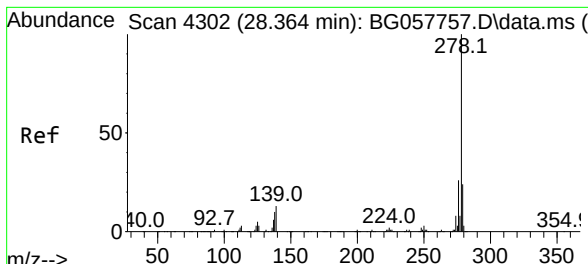
Delta R.T. -0.005 min

Lab File: BG057817.D

Acq: 22 Jun 2023 20:58

Tgt Ion:252 Resp: 724381
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 10.2 8.0 12.0





#91
 Dibenzo(a,h)anthracene
 Concen: 47.742 ng
 RT: 28.353 min Scan# 41
 Delta R.T. -0.011 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58

Instrument :

BNA_G

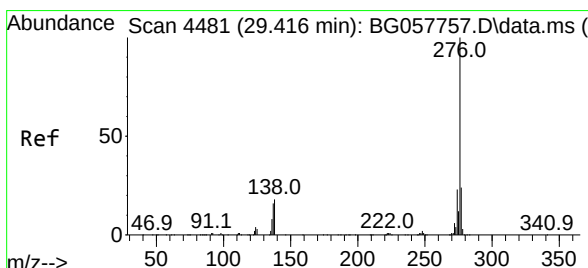
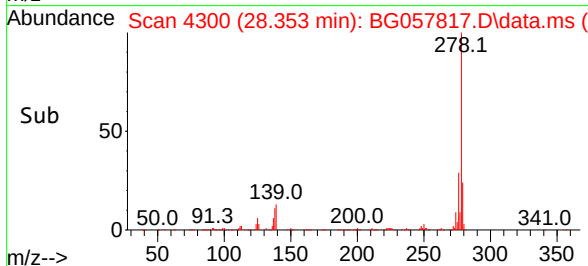
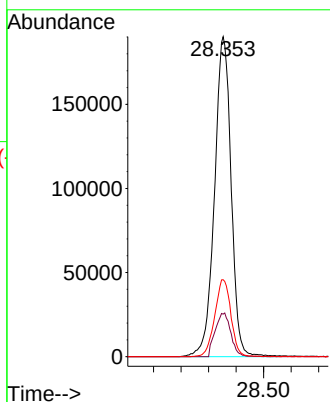
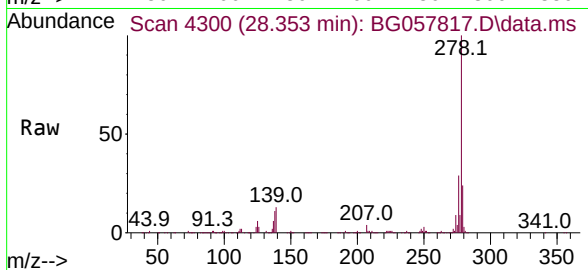
ClientSampleId :

PB153649BS

Tgt Ion:278 Resp: 796700
 Ion Ratio Lower Upper
 278 100
 139 13.3 10.8 16.2
 279 24.0 19.0 28.4

Manual Integrations
 APPROVED

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



#92
 Benzo(g,h,i)perylene
 Concen: 46.586 ng
 RT: 29.411 min Scan# 4480
 Delta R.T. -0.005 min
 Lab File: BG057817.D
 Acq: 22 Jun 2023 20:58

Tgt Ion:276 Resp: 778421
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.4 29.0
 138 18.3 14.2 21.4

