

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058851.D
 Acq On : 25 Aug 2023 15:35
 Operator : MA/JU
 Sample : PB155022BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB155022BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 09:16:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 26 09:13:37 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	15364	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	70100	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	54995	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	140745	20.000	ng	0.00
76) Chrysene-d12	21.461	240	114172	20.000	ng	0.00
86) Perylene-d12	24.540	264	142945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.403	112	143729	150.545	ng	0.00
7) Phenol-d6	7.007	99	193913	144.766	ng	0.00
23) Nitrobenzene-d5	8.993	82	121993	83.668	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	121685	141.115	ng	0.00
45) 2-Fluorobiphenyl	13.094	172	304822	80.617	ng	0.00
79) Terphenyl-d14	19.839	244	608128	95.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	14258	31.765	ng	# 93
3) Pyridine	3.676	79	37970	32.011	ng	96
4) n-Nitrosodimethylamine	3.599	42	29847	46.285	ng	# 95
6) Aniline	7.160	93	77188	47.140	ng	96
8) 2-Chlorophenol	7.395	128	52049	53.918	ng	99
9) Benzaldehyde	6.972	77	34449m	45.849	ng	
10) Phenol	7.031	94	71653	55.474	ng	95
11) bis(2-Chloroethyl)ether	7.254	93	47450	47.080	ng	96
12) 1,3-Dichlorobenzene	7.718	146	50927	49.667	ng	99
13) 1,4-Dichlorobenzene	7.865	146	51639	49.802	ng	96
14) 1,2-Dichlorobenzene	8.182	146	50082	49.974	ng	99
15) Benzyl Alcohol	8.071	79	52562	54.883	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.359	45	109183m	50.833	ng	
17) 2-Methylphenol	8.282	107	48521	51.146	ng	98
18) Hexachloroethane	8.905	117	18824	49.827	ng	98
19) n-Nitroso-di-n-propyla...	8.635	70	42326	48.883	ng	96
20) 3+4-Methylphenols	8.605	107	64896	50.881	ng	100
22) Acetophenone	8.658	105	84684	44.627	ng	# 98
24) Nitrobenzene	9.040	77	63640	43.884	ng	96
25) Isophorone	9.557	82	128125	44.188	ng	99
26) 2-Nitrophenol	9.751	139	28007	46.178	ng	95
27) 2,4-Dimethylphenol	9.810	122	53316	51.869	ng	95
28) bis(2-Chloroethoxy)met...	10.039	93	67877	44.194	ng	97
29) 2,4-Dichlorophenol	10.286	162	53845	50.978	ng	100
30) 1,2,4-Trichlorobenzene	10.497	180	57132	44.792	ng	97
31) Naphthalene	10.685	128	166128	45.135	ng	99
32) Benzoic acid	9.968	122	27513m	44.191	ng	
33) 4-Chloroaniline	10.797	127	64068	41.273	ng	98
34) Hexachlorobutadiene	10.956	225	37805	43.916	ng	96
35) Caprolactam	11.584	113	21152m	55.885	ng	
36) 4-Chloro-3-methylphenol	11.931	107	68545	52.184	ng	95
37) 2-Methylnaphthalene	12.295	142	118921	44.985	ng	97
38) 1-Methylnaphthalene	12.513	142	113993	45.426	ng	98
40) 1,2,4,5-Tetrachloroben...	12.665	216	69410	40.940	ng	100
41) Hexachlorocyclopentadiene	12.642	237	62474	92.165	ng	98
43) 2,4,6-Trichlorophenol	12.912	196	51790	48.007	ng	97

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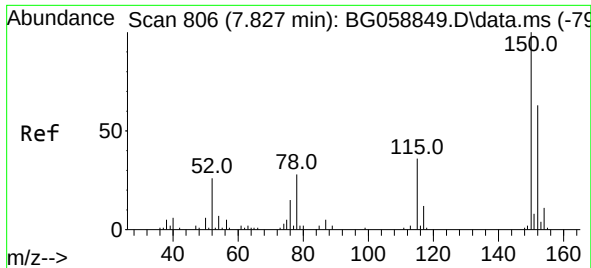
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 09:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	58245	45.086	ng	95
46) 1,1'-Biphenyl	13.306	154	161015	42.501	ng	97
47) 2-Chloronaphthalene	13.353	162	129966	44.021	ng	98
48) 2-Nitroaniline	13.564	65	52029	46.401	ng	99
49) Acenaphthylene	14.199	152	215508	44.017	ng	97
50) Dimethylphthalate	13.934	163	192897	45.301	ng	99
51) 2,6-Dinitrotoluene	14.058	165	41797	46.723	ng	94
52) Acenaphthene	14.540	154	127094	44.421	ng	98
53) 3-Nitroaniline	14.393	138	36692	42.526	ng	98
54) 2,4-Dinitrophenol	14.610	184	46887	92.591	ng	92
55) Dibenzofuran	14.874	168	219595	44.494	ng	99
56) 4-Nitrophenol	14.716	139	64219	101.610	ng	99
57) 2,4-Dinitrotoluene	14.851	165	60887	48.798	ng	97
58) Fluorene	15.527	166	183893	46.819	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.109	232	55393	52.545	ng	95
60) Diethylphthalate	15.292	149	203053	46.251	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	99800	45.842	ng	95
62) 4-Nitroaniline	15.562	138	42112	48.095	ng	91
63) Azobenzene	15.809	77	181420	45.003	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	36980	46.483	ng	99
66) n-Nitrosodiphenylamine	15.732	169	163389	45.041	ng	98
67) 4-Bromophenyl-phenylether	16.408	248	69731	45.149	ng	98
68) Hexachlorobenzene	16.531	284	77996	46.922	ng	99
69) Atrazine	16.684	200	68978	53.730	ng	99
70) Pentachlorophenol	16.878	266	75922	87.103	ng	97
71) Phenanthrene	17.266	178	301549	44.629	ng	98
72) Anthracene	17.354	178	306506	45.229	ng	99
73) Carbazole	17.630	167	285235	45.964	ng	98
74) Di-n-butylphthalate	18.176	149	349836	44.688	ng	99
75) Fluoranthene	19.275	202	369225	44.065	ng	98
77) Benzidine	19.463	184	226492	110.690	ng	98
78) Pyrene	19.639	202	374268	47.047	ng	98
80) Butylbenzylphthalate	20.521	149	151991	47.109	ng	97
81) Benzo(a)anthracene	21.443	228	363490	45.737	ng	98
82) 3,3'-Dichlorobenzidine	21.361	252	132047	48.126	ng	100
83) Chrysene	21.508	228	339530	44.323	ng	98
84) Bis(2-ethylhexyl)phtha...	21.343	149	218592	46.195	ng	99
85) Di-n-octyl phthalate	22.495	149	379035	46.571	ng	99
87) Indeno(1,2,3-cd)pyrene	28.053	276	451415	46.676	ng	# 94
88) Benzo(b)fluoranthene	23.564	252	385560	48.612	ng	98
89) Benzo(k)fluoranthene	23.629	252	383352	46.867	ng	99
90) Benzo(a)pyrene	24.393	252	346631	44.386	ng	99
91) Dibenzo(a,h)anthracene	28.106	278	378550	47.635	ng	98
92) Benzo(g,h,i)perylene	29.158	276	370089	46.579	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.830 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

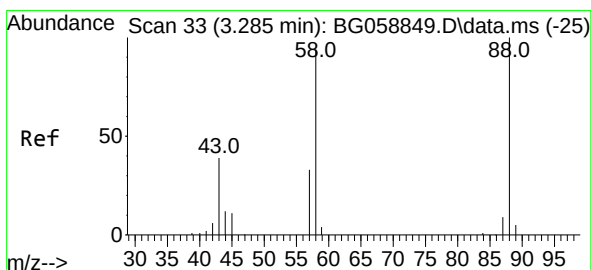
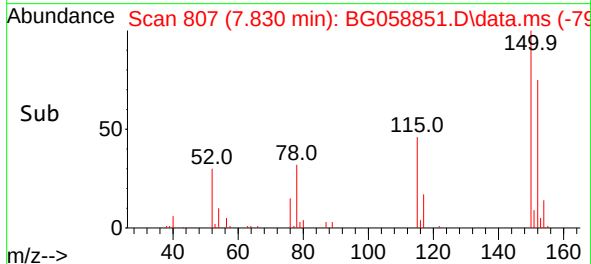
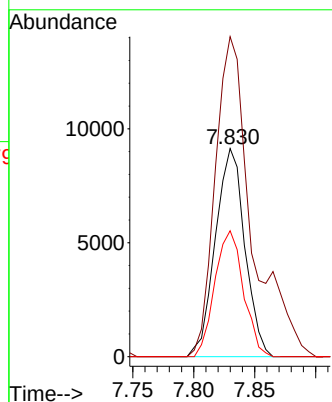
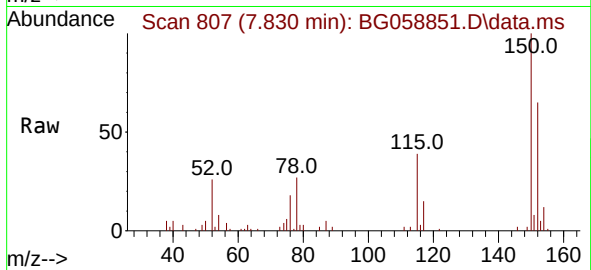
PB155022BS

Tgt Ion:152 Resp: 1536
Ion Ratio Lower Upper
152 100
150 153.8 128.6 192.8
115 60.5 50.4 75.6

Manual Integrations

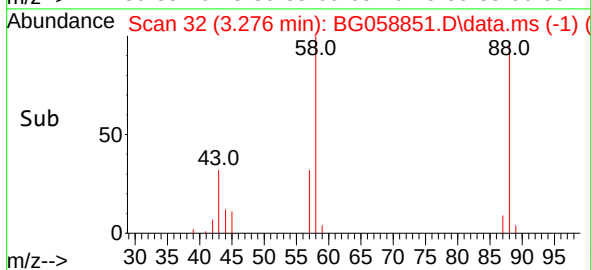
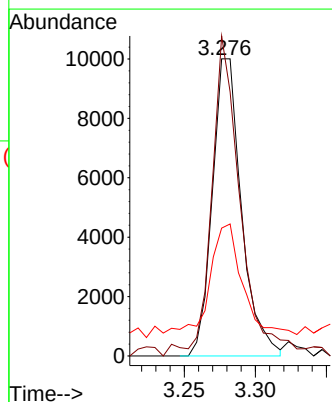
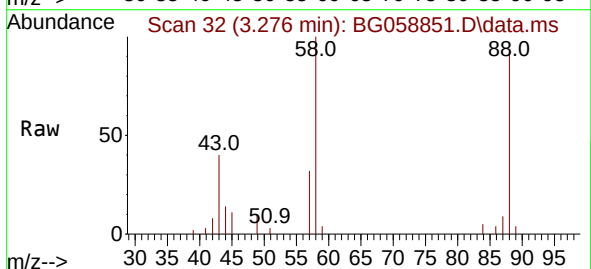
APPROVED

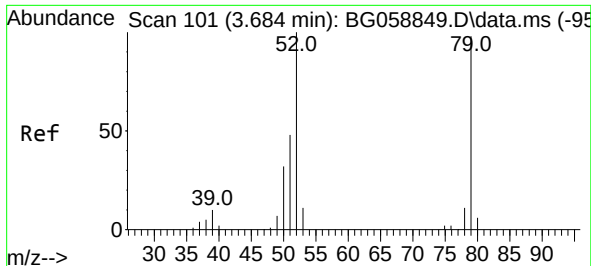
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#2
1,4-Dioxane
Concen: 31.765 ng
RT: 3.276 min Scan# 32
Delta R.T. -0.009 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 88 Resp: 14258
Ion Ratio Lower Upper
88 100
58 107.5 82.8 124.2
43 46.0 30.1 45.1#





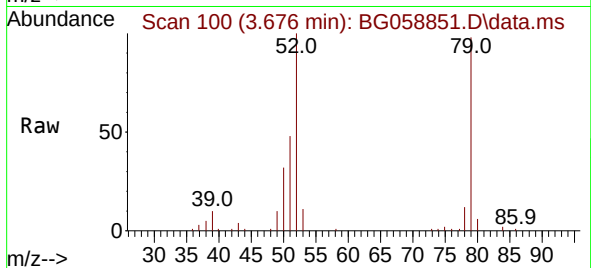
#3
Pyridine
Concen: 32.011 ng
RT: 3.676 min Scan# 101
Delta R.T. -0.009 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

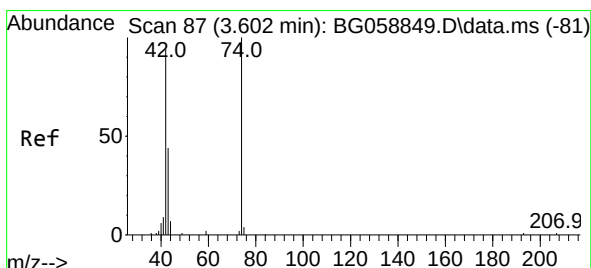
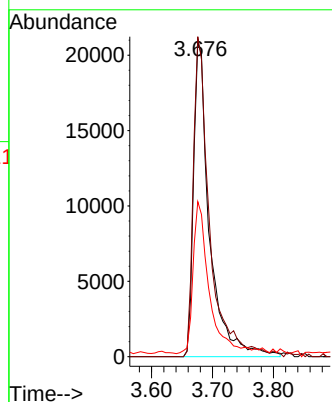
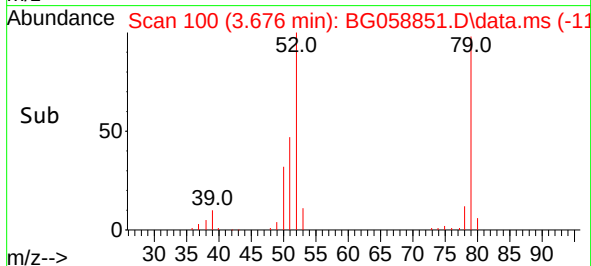


Tgt Ion: 79 Resp: 37970
Ion Ratio Lower Upper
79 100
52 101.7 77.6 116.4
51 49.3 37.5 56.3

Manual Integrations

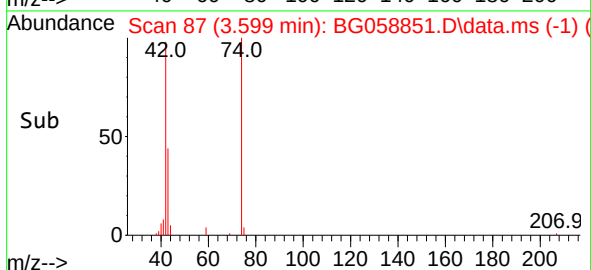
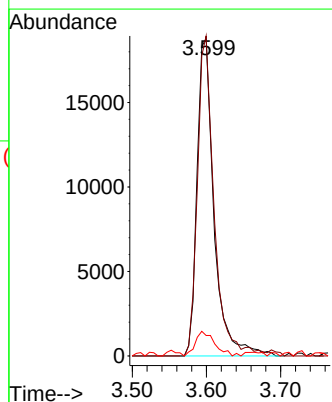
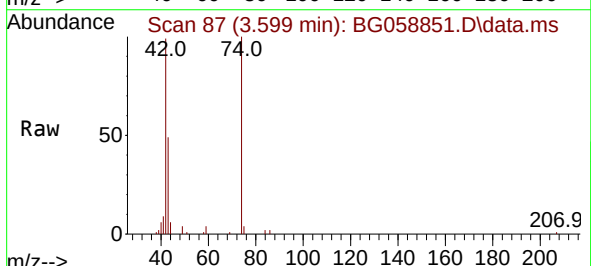
APPROVED

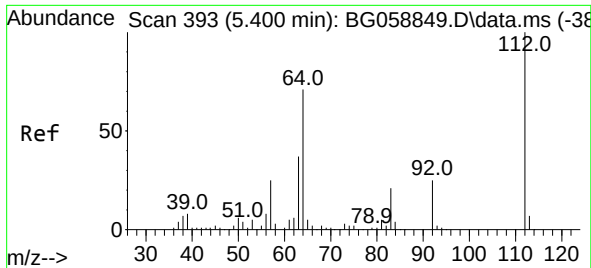
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#4
n-Nitrosodimethylamine
Concen: 46.285 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 42 Resp: 29847
Ion Ratio Lower Upper
42 100
74 100.8 85.1 127.7
44 6.4 6.9 10.3





#5
2-Fluorophenol
Concen: 150.545 ng
RT: 5.403 min Scan# 393
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

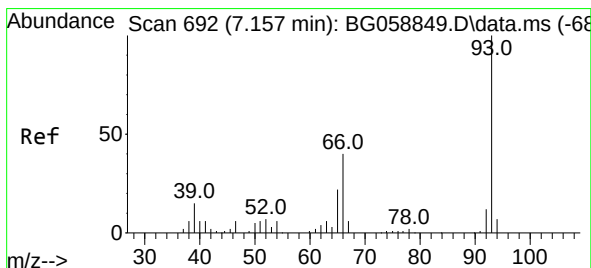
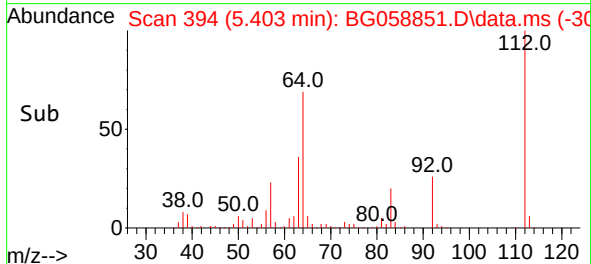
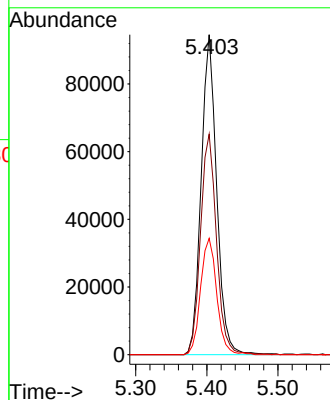
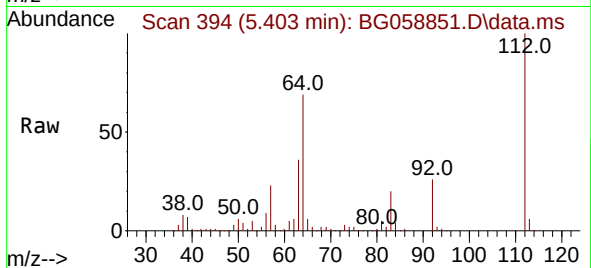
PB155022BS

Tgt Ion:112 Resp: 143729
Ion Ratio Lower Upper
112 100
64 68.9 60.6 90.8
63 36.3 31.0 46.4

Manual Integrations

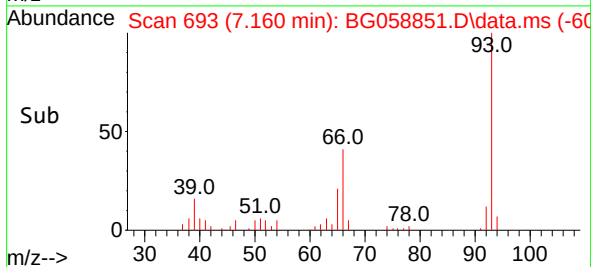
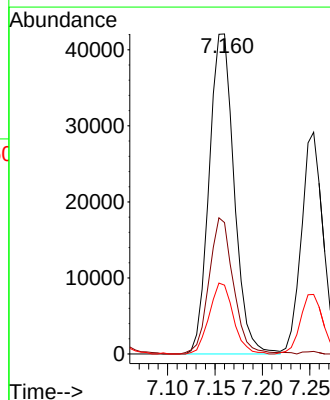
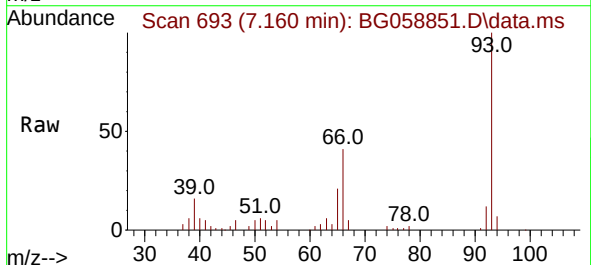
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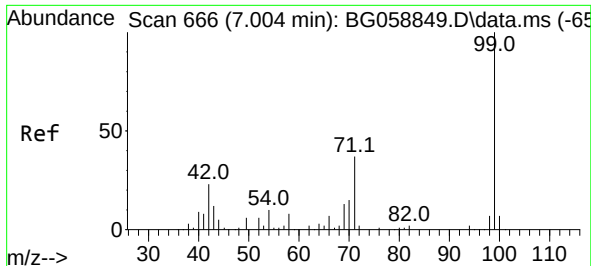
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#6
Aniline
Concen: 47.140 ng
RT: 7.160 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

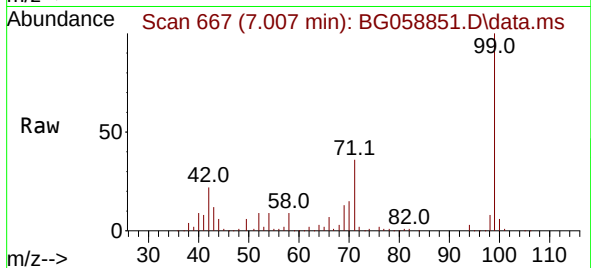
Tgt Ion: 93 Resp: 77188
Ion Ratio Lower Upper
93 100
66 41.0 35.7 53.5
65 21.5 18.2 27.2





#7
Phenol-d6
Concen: 144.766 ng
RT: 7.007 min Scan# 667
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

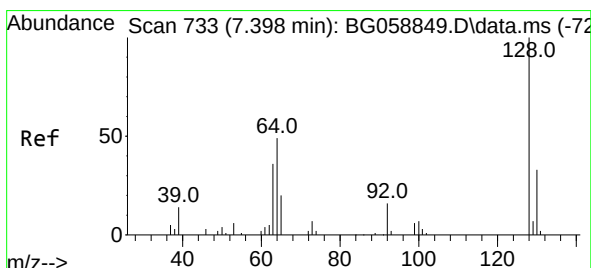
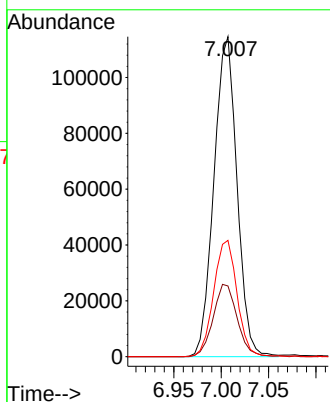
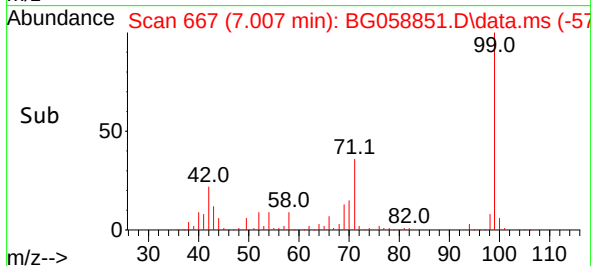
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BNA_G
ClientSampleId :
PB155022BS



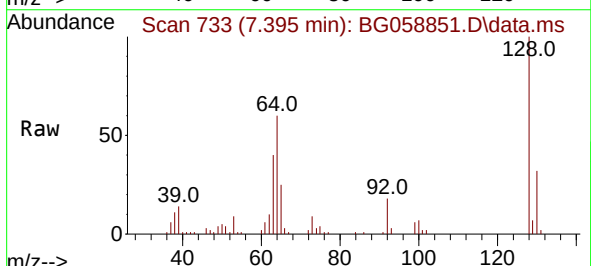
Tgt Ion: 99 Resp: 19391
Ion Ratio Lower Upper
99 100
42 22.1 16.5 24.7
71 36.3 28.4 42.6

Manual Integrations
APPROVED

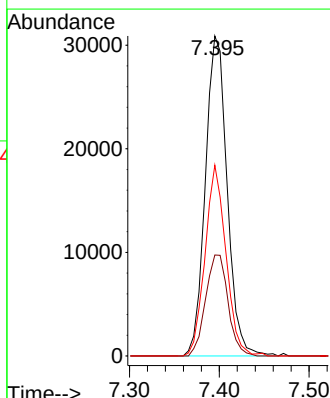
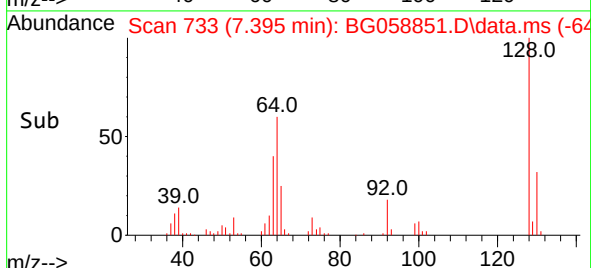
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

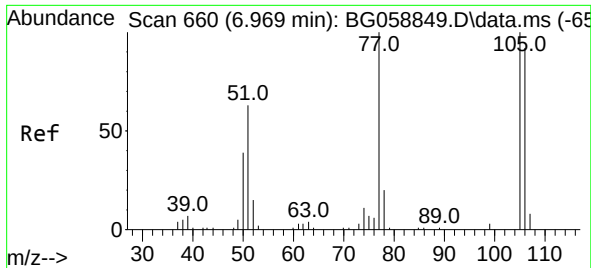


#8
2-Chlorophenol
Concen: 53.918 ng
RT: 7.395 min Scan# 733
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:128 Resp: 52049
Ion Ratio Lower Upper
128 100
130 31.6 10.9 50.9
64 59.6 38.4 78.4





#9
Benzaldehyde
Concen: 45.849 ng m
RT: 6.972 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

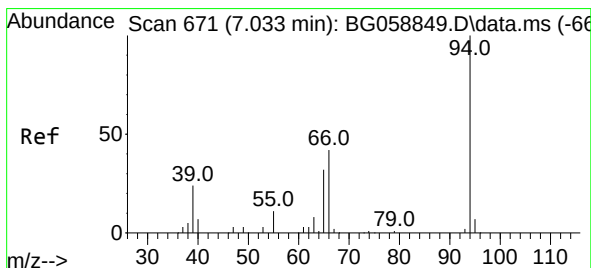
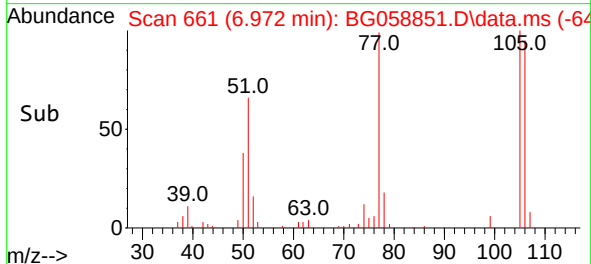
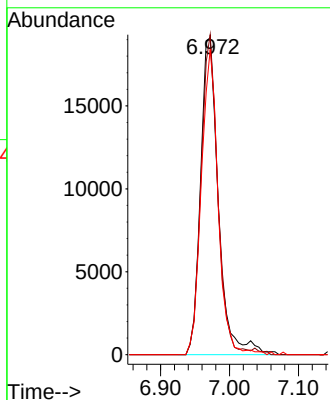
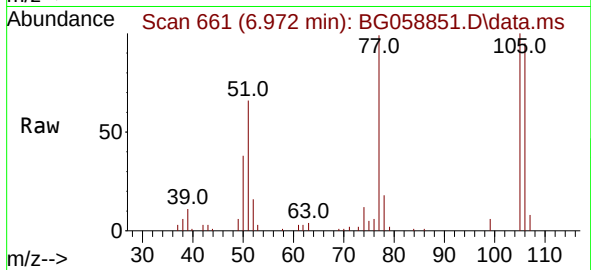
PB155022BS

Tgt Ion: 77 Resp: 34449
Ion Ratio Lower Upper
77 100
105 101.0 76.7 116.7
106 96.4 73.4 113.4

Manual Integrations

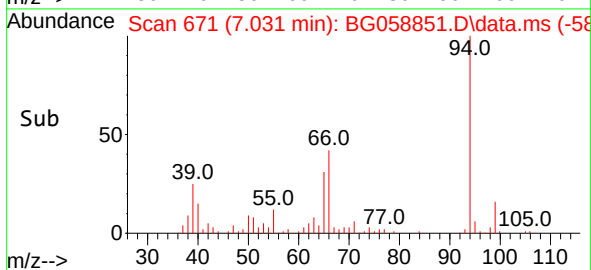
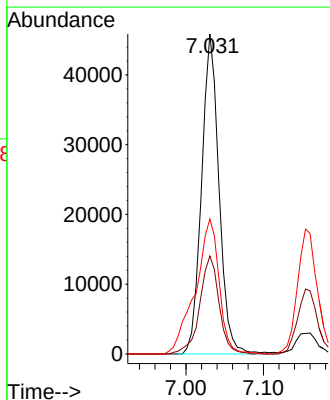
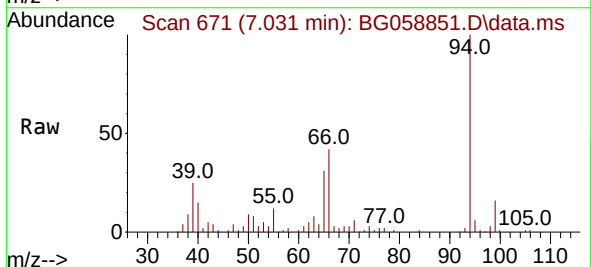
APPROVED

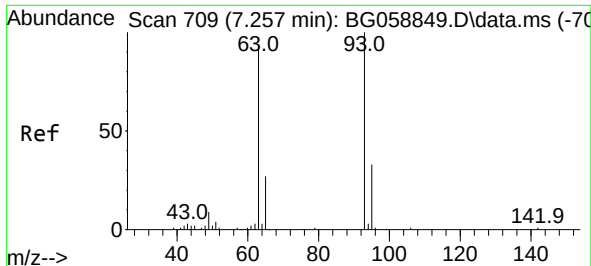
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#10
Phenol
Concen: 55.474 ng
RT: 7.031 min Scan# 671
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 94 Resp: 71653
Ion Ratio Lower Upper
94 100
65 30.6 12.6 52.6
66 42.1 26.6 66.6





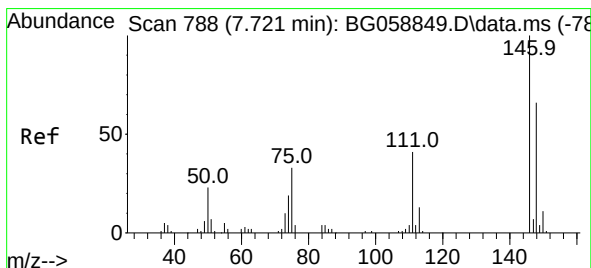
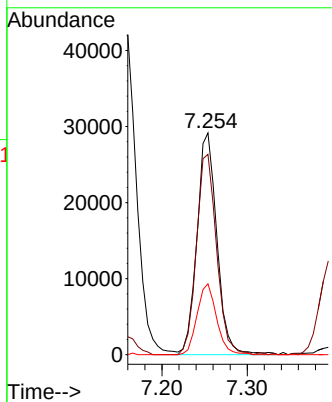
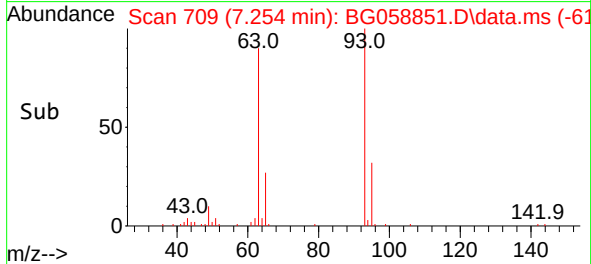
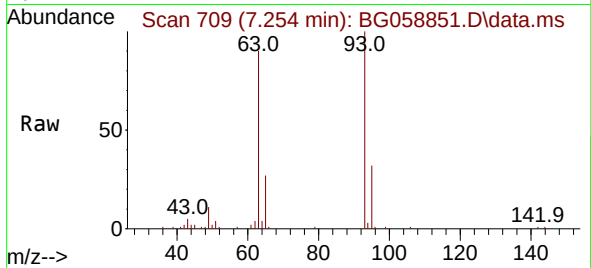
#11
bis(2-Chloroethyl)ether
Concen: 47.080 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :
BNA_G
ClientSampleId :
PB155022BS

Tgt Ion: 93 Resp: 47450
Ion Ratio Lower Upper
93 100
63 90.3 74.8 114.8
95 31.9 12.1 52.1

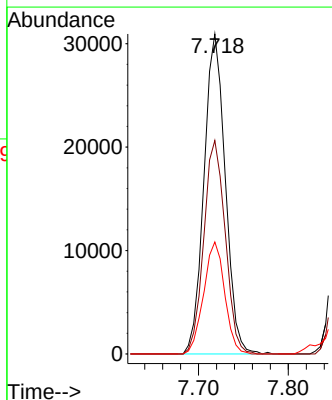
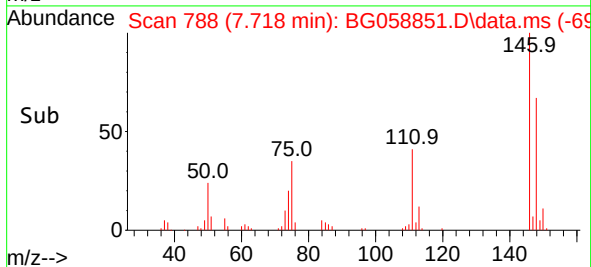
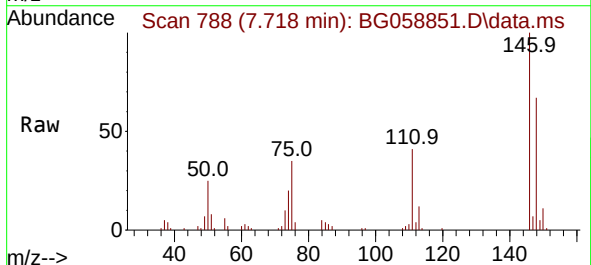
Manual Integrations
APPROVED

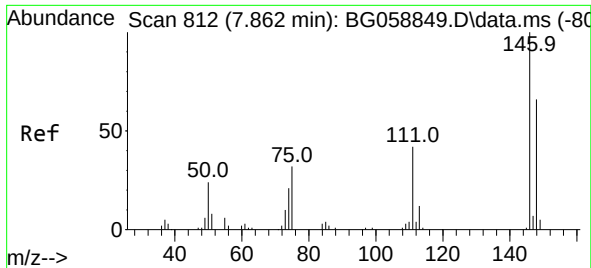
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#12
1,3-Dichlorobenzene
Concen: 49.667 ng
RT: 7.718 min Scan# 788
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:146 Resp: 50927
Ion Ratio Lower Upper
146 100
148 66.7 52.4 78.6
75 35.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 49.802 ng

RT: 7.865 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

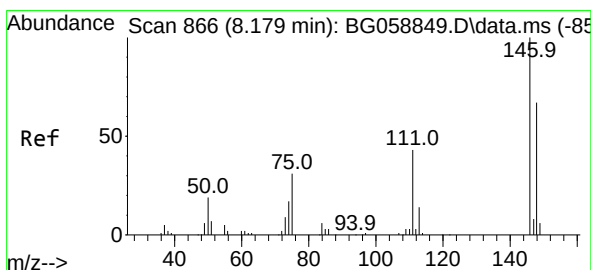
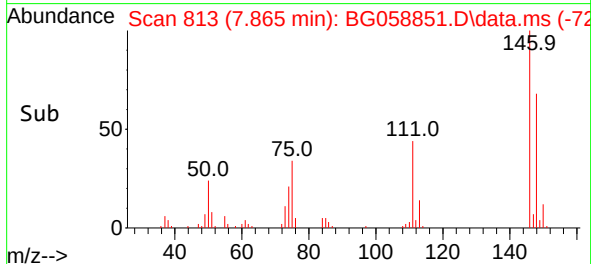
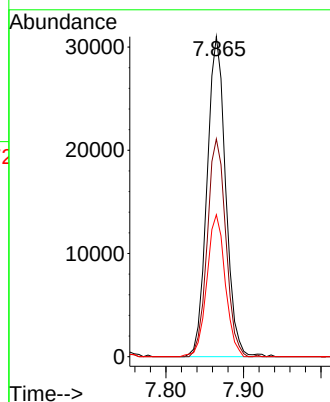
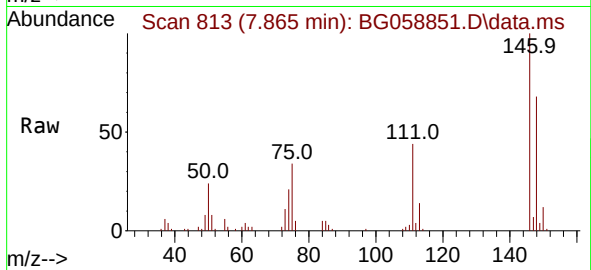
Tgt Ion:146	Resp:	51639
Ion Ratio	Lower	Upper
146	100	
148	68.0	51.3 76.9
111	44.3	33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#14

1,2-Dichlorobenzene

Concen: 49.974 ng

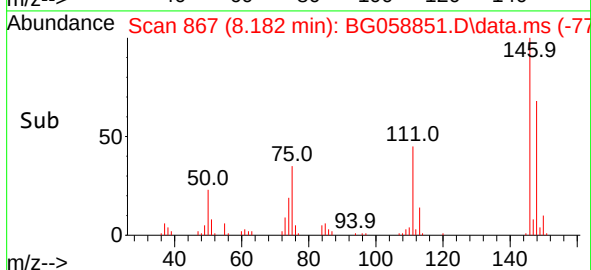
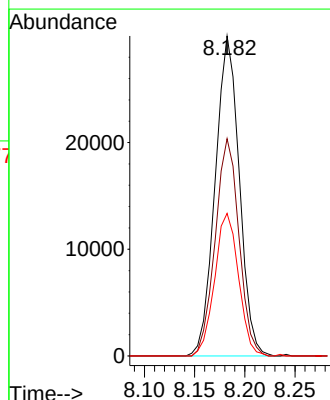
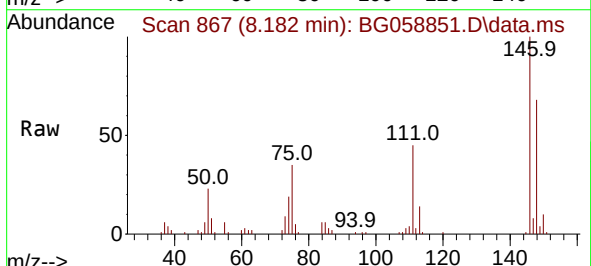
RT: 8.182 min Scan# 867

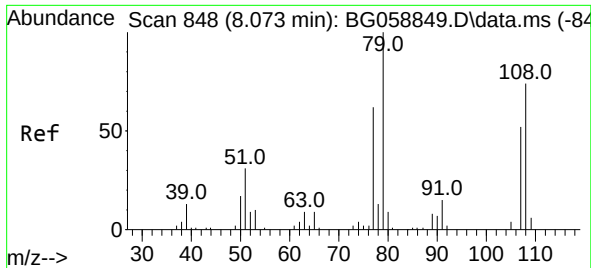
Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion:146	Resp:	50082
Ion Ratio	Lower	Upper
146	100	
148	67.9	52.9 79.3
111	44.6	35.5 53.3





#15
Benzyl Alcohol
Concen: 54.883 ng
RT: 8.071 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

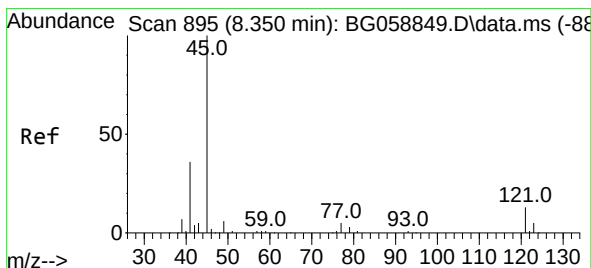
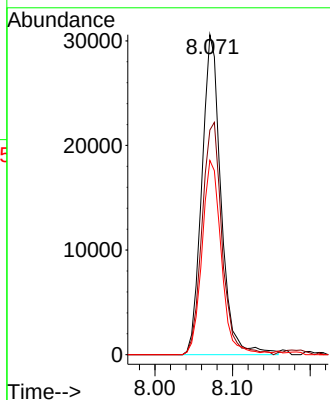
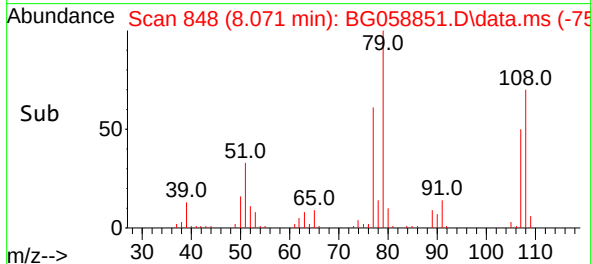
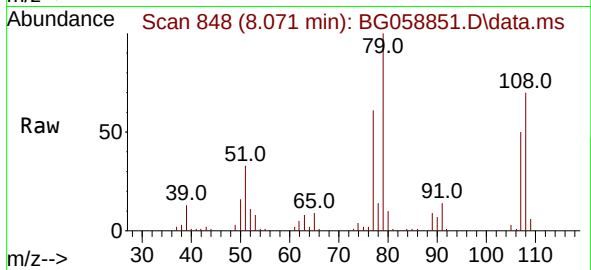
ClientSampleId :

PB155022BS

Tgt Ion: 79 Resp: 5256
Ion Ratio Lower Upper
79 100
108 70.2 63.4 95.0
77 60.7 52.2 78.2

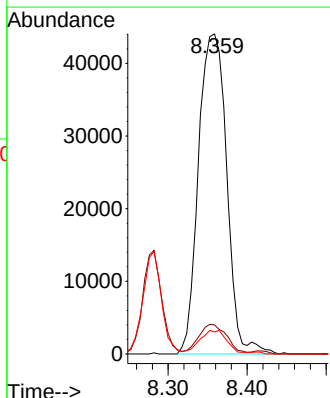
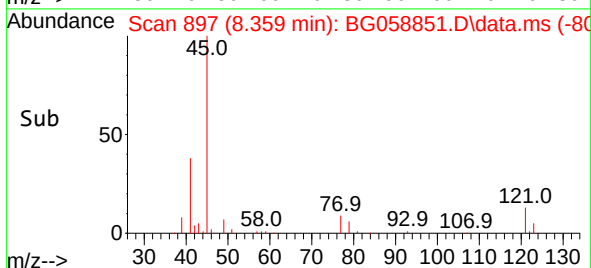
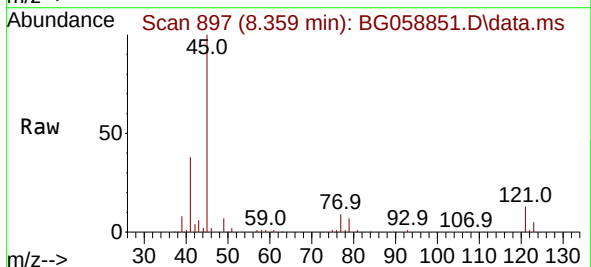
Manual Integrations
APPROVED

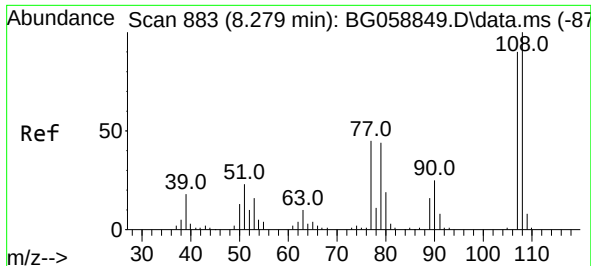
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.833 ng m
RT: 8.359 min Scan# 897
Delta R.T. 0.009 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 45 Resp: 109183
Ion Ratio Lower Upper
45 100
77 9.1 0.0 30.3
79 6.9 0.0 27.7





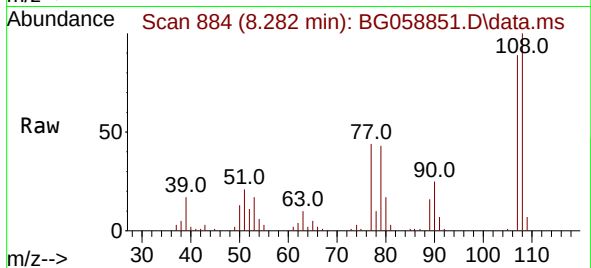
#17
2-Methylphenol
Concen: 51.146 ng
RT: 8.282 min Scan# 883
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

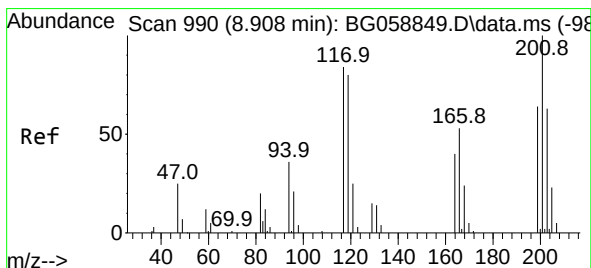
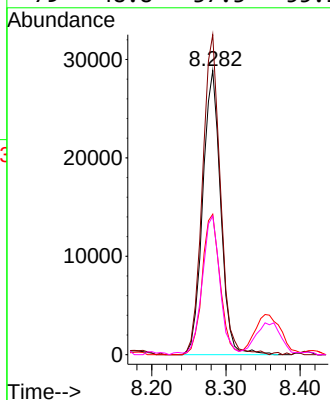
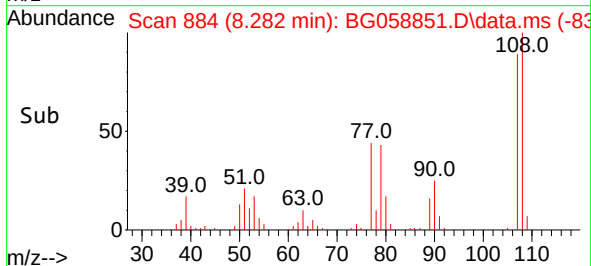


Tgt Ion:107 Resp: 4852
Ion Ratio Lower Upper
107 100
108 112.6 92.2 138.2
77 49.5 40.0 60.0
79 48.8 37.3 55.9

Manual Integrations

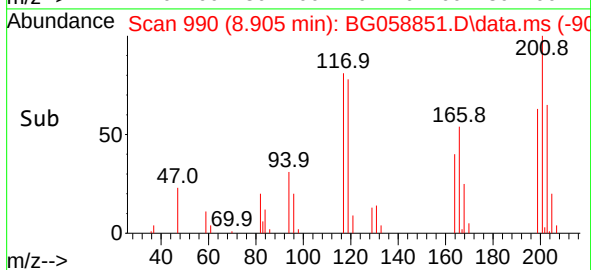
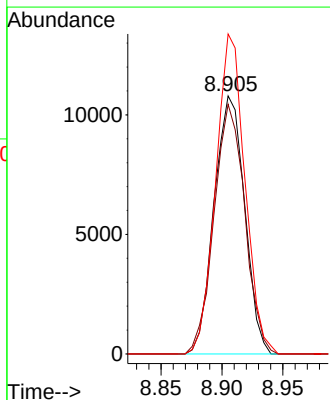
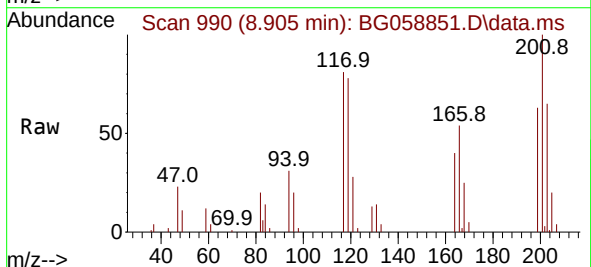
APPROVED

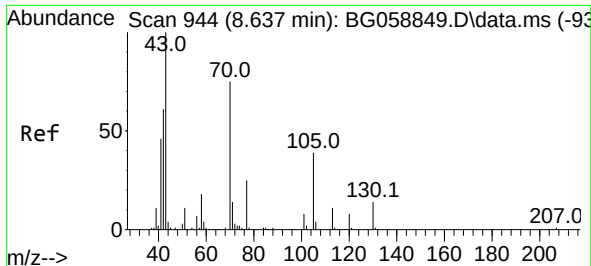
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#18
Hexachloroethane
Concen: 49.827 ng
RT: 8.905 min Scan# 990
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:117 Resp: 18824
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
201 124.0 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.883 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

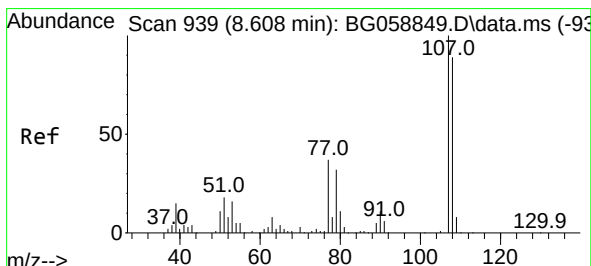
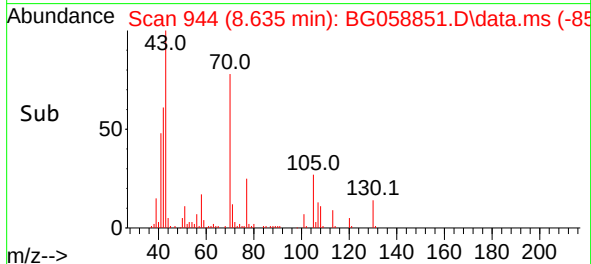
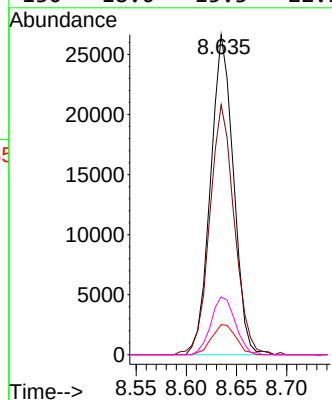
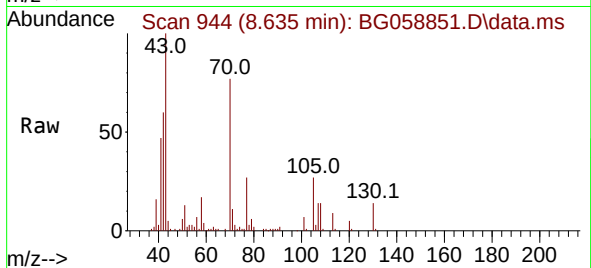
PB155022BS

Tgt Ion: 70 Resp: 42320
Ion Ratio Lower Upper
70 100
42 78.1 59.2 88.8
101 9.4 8.2 12.2
130 18.0 15.3 22.9

Manual Integrations

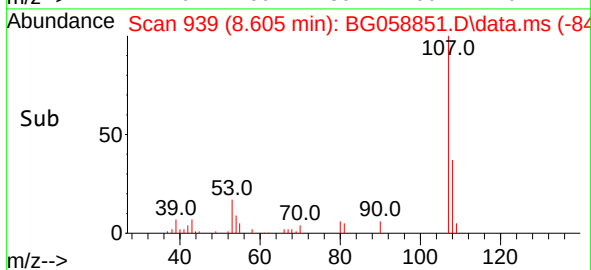
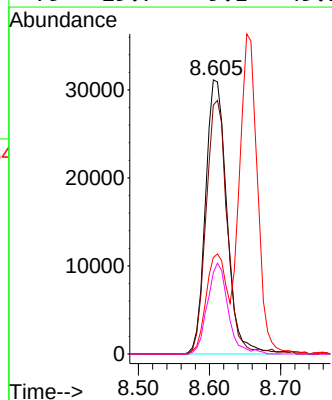
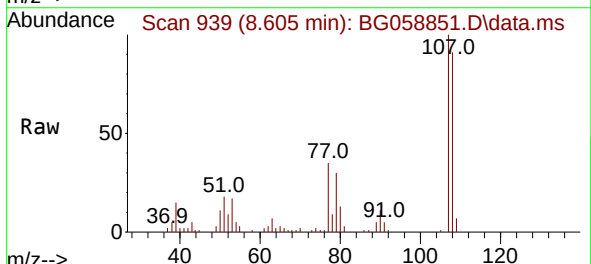
APPROVED

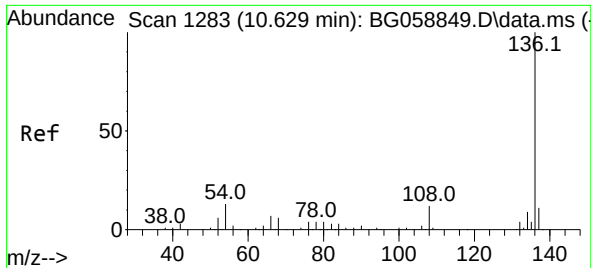
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#20
3+4-Methylphenols
Concen: 50.881 ng
RT: 8.605 min Scan# 939
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:107 Resp: 64896
Ion Ratio Lower Upper
107 100
108 90.8 70.6 110.6
77 35.2 14.8 54.8
79 29.7 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 1284
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

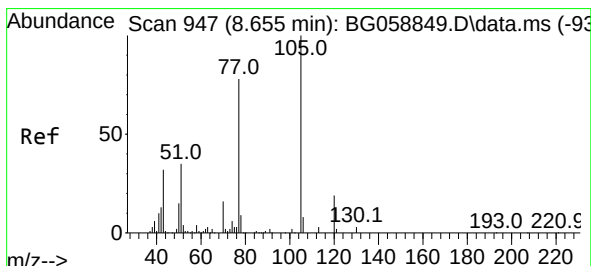
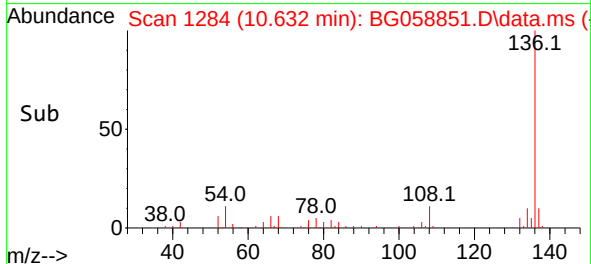
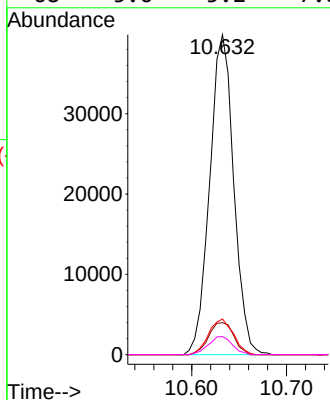
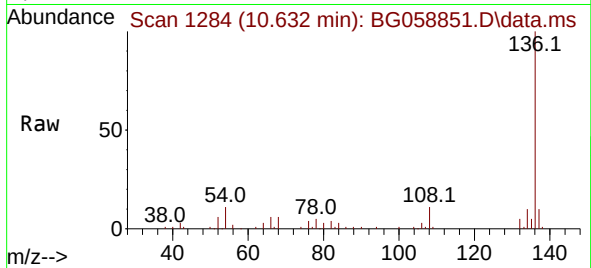
PB155022BS

Tgt Ion:136 Resp: 70100
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 11.1 10.1 15.1
68 5.6 5.2 7.8

Manual Integrations

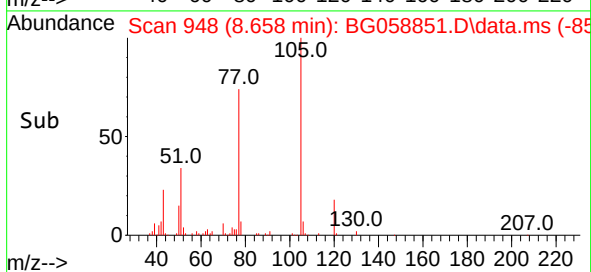
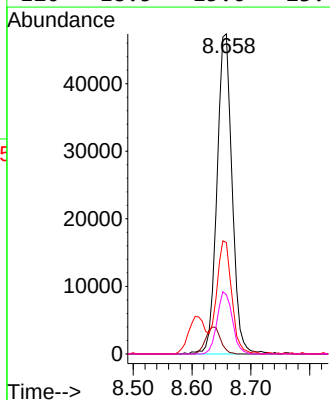
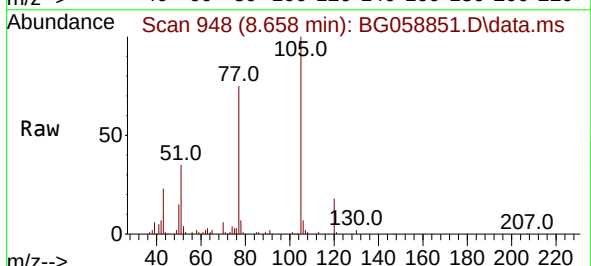
APPROVED

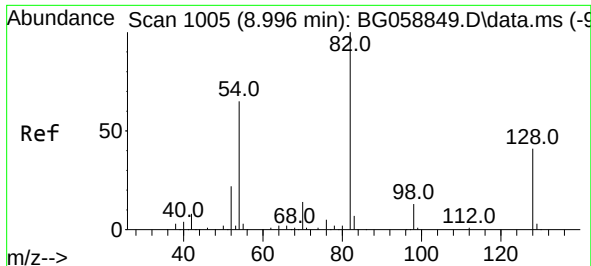
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#22
Acetophenone
Concen: 44.627 ng
RT: 8.658 min Scan# 948
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:105 Resp: 84684
Ion Ratio Lower Upper
105 100
71 1.3 2.2 3.2#
51 34.8 28.5 42.7
120 18.5 15.6 23.4





#23

Nitrobenzene-d5

Concen: 83.668 ng

RT: 8.993 min Scan# 1005

Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

Tgt Ion: 82 Resp: 12199

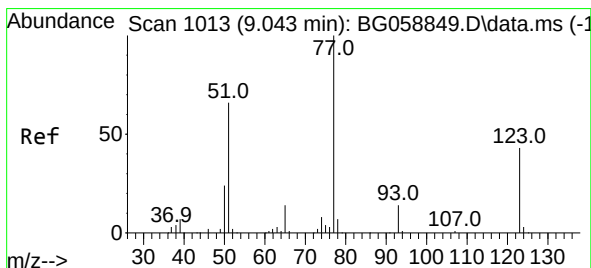
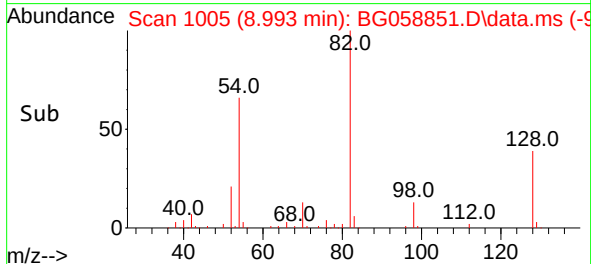
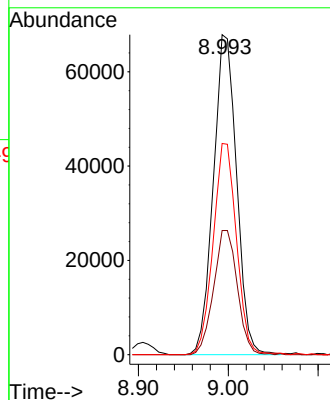
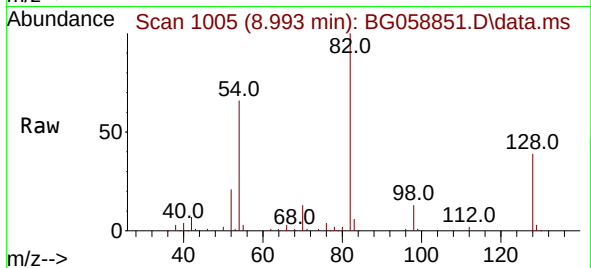
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.2	49.8
54	66.0	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#24

Nitrobenzene

Concen: 43.884 ng

RT: 9.040 min Scan# 1013

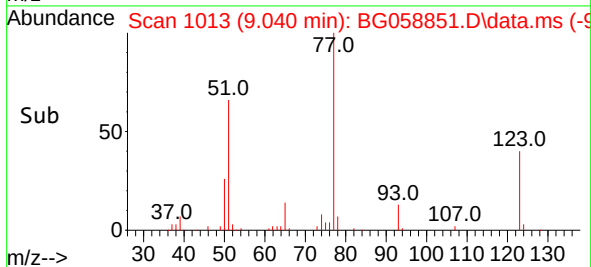
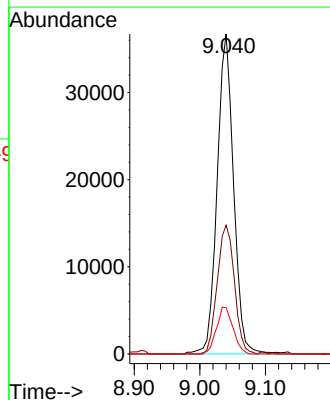
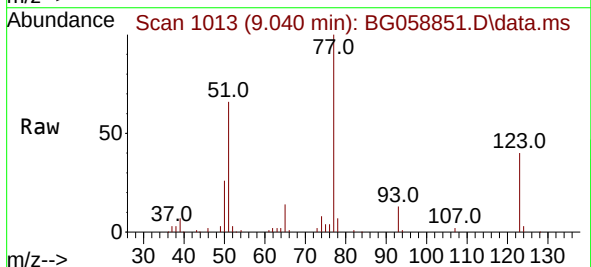
Delta R.T. -0.003 min

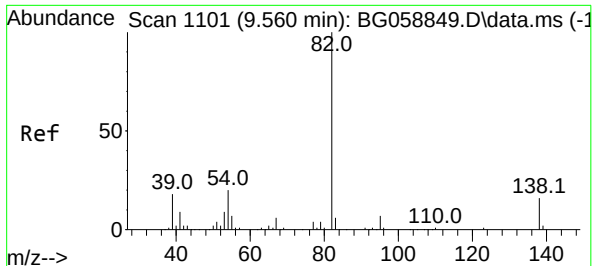
Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion: 77 Resp: 63640

Ion	Ratio	Lower	Upper
77	100		
123	40.3	34.9	52.3
65	14.5	10.9	16.3





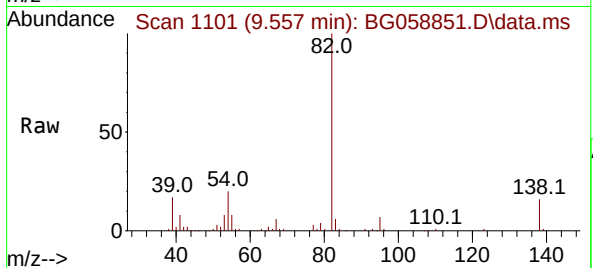
#25
Isophorone
Concen: 44.188 ng
RT: 9.557 min Scan# 1101
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

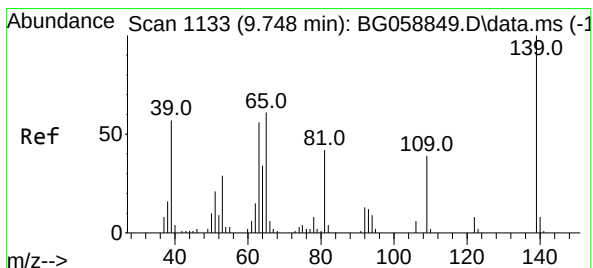
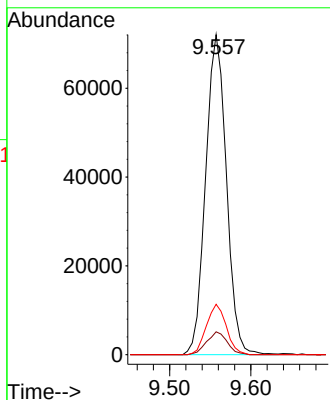
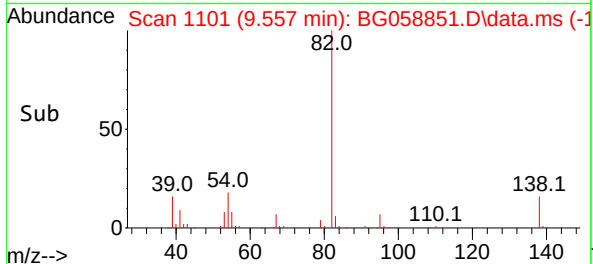


Tgt Ion: 82 Resp: 128125
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 15.7 12.2 18.4

Manual Integrations

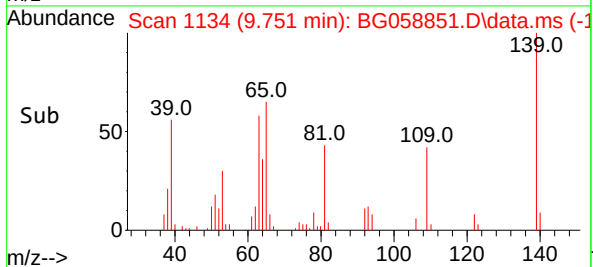
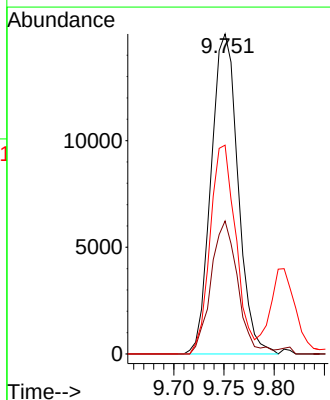
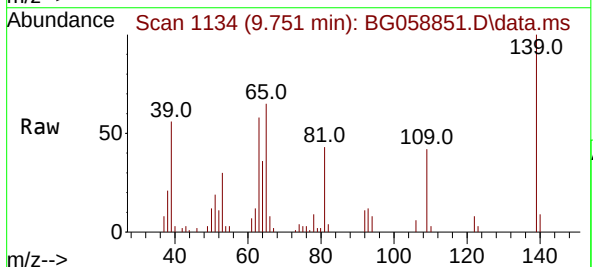
APPROVED

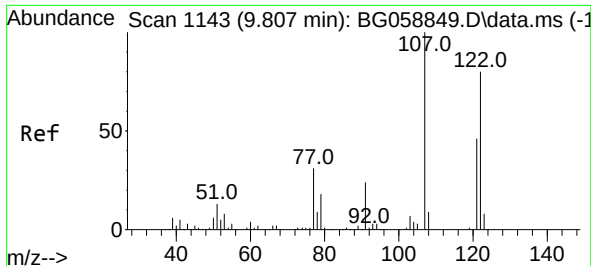
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#26
2-Nitrophenol
Concen: 46.178 ng
RT: 9.751 min Scan# 1134
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:139 Resp: 28007
Ion Ratio Lower Upper
139 100
109 41.5 28.7 43.1
65 65.3 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 51.869 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

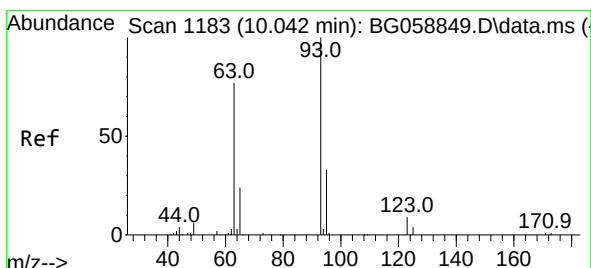
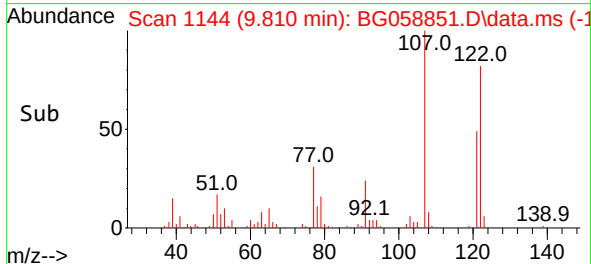
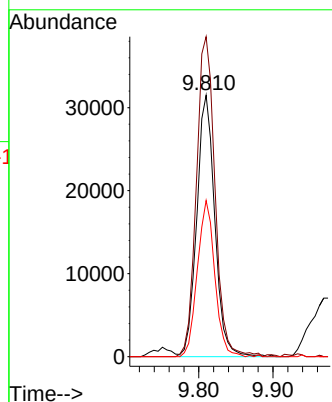
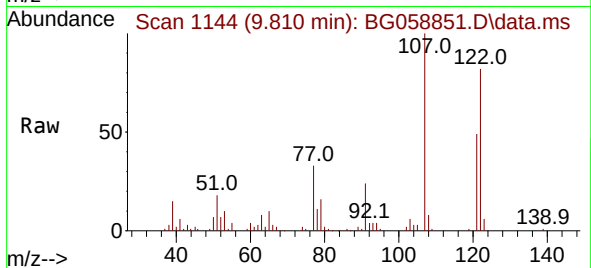
PB155022BS

Tgt Ion:122 Resp: 53310
Ion Ratio Lower Upper
122 100
107 122.4 102.6 154.0
121 59.7 45.0 67.4

Manual Integrations

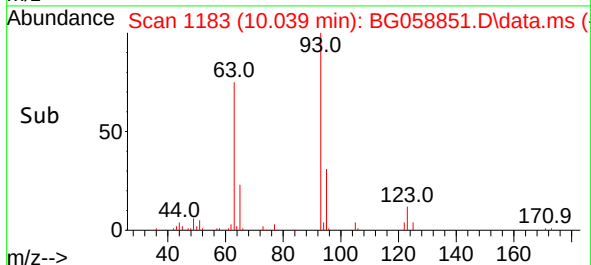
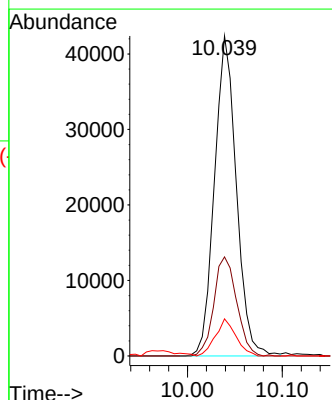
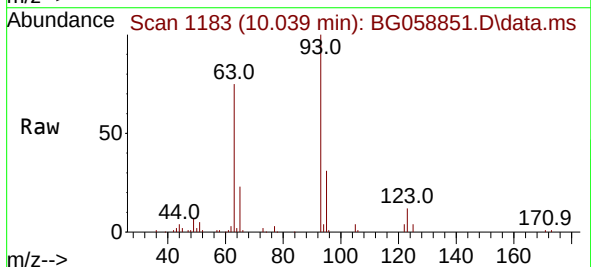
APPROVED

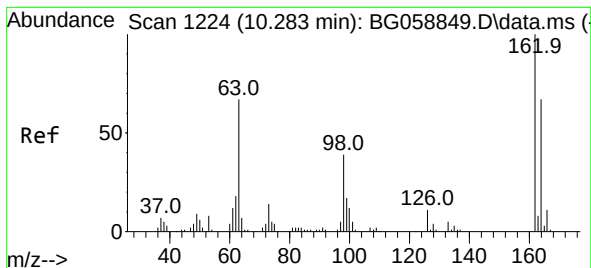
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.194 ng
RT: 10.039 min Scan# 1183
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

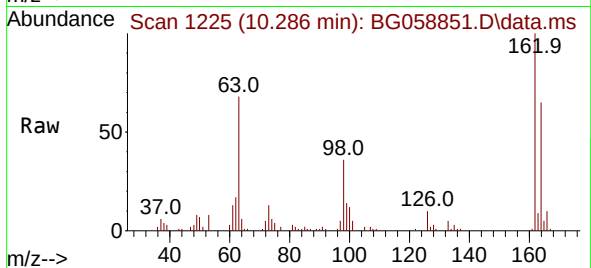
Tgt Ion: 93 Resp: 67877
Ion Ratio Lower Upper
93 100
95 31.0 26.2 39.4
123 11.6 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 50.978 ng
RT: 10.286 min Scan# 1225
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

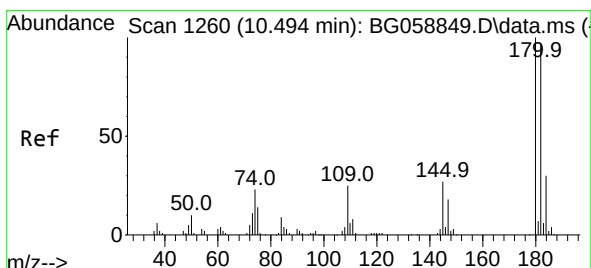
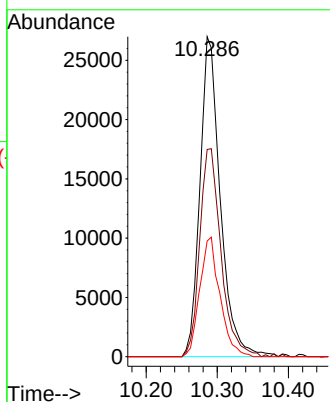
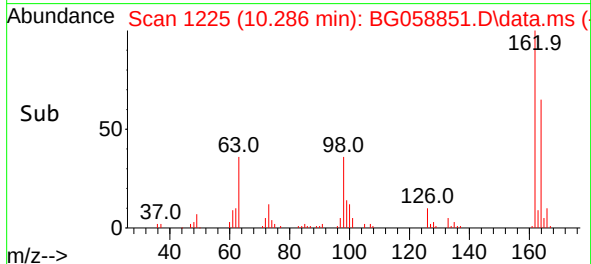
Instrument :
BNA_G
ClientSampleId :
PB155022BS



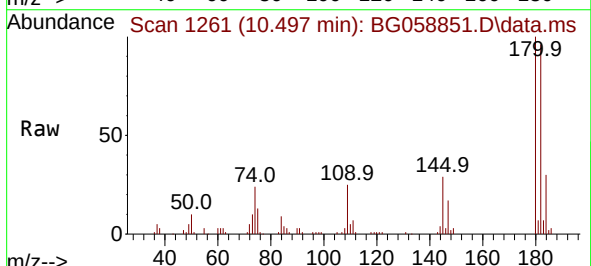
Tgt Ion:162 Resp: 5384
Ion Ratio Lower Upper
162 100
164 64.8 44.4 84.4
98 36.2 16.1 56.1

Manual Integrations
APPROVED

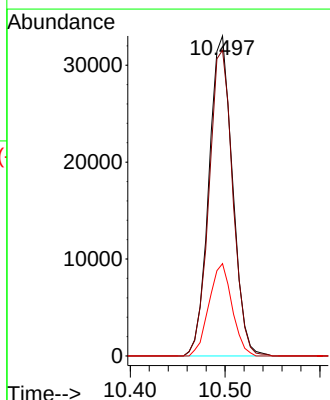
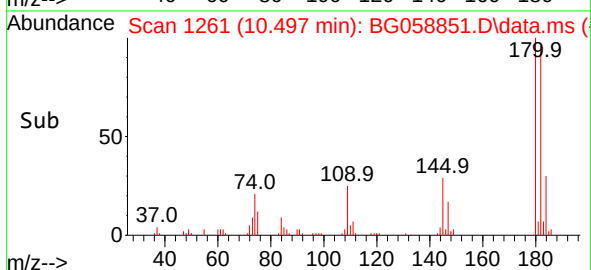
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

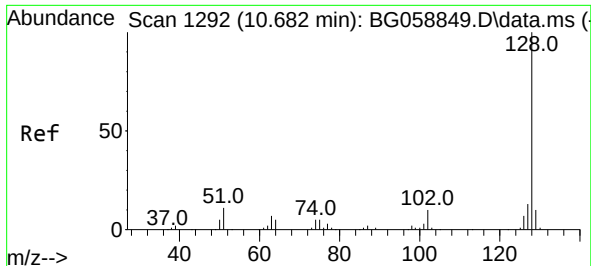


#30
1,2,4-Trichlorobenzene
Concen: 44.792 ng
RT: 10.497 min Scan# 1261
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



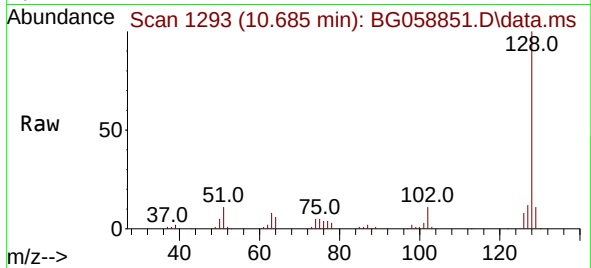
Tgt Ion:180 Resp: 57132
Ion Ratio Lower Upper
180 100
182 95.5 74.6 112.0
145 28.8 21.4 32.0





#31
Naphthalene
Concen: 45.135 ng
RT: 10.685 min Scan# 1292
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

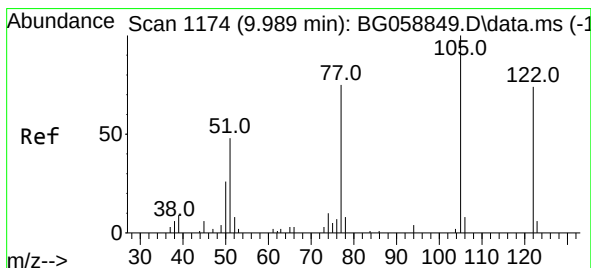
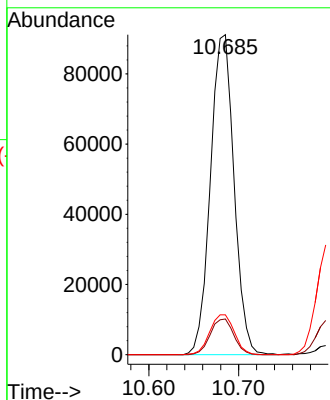
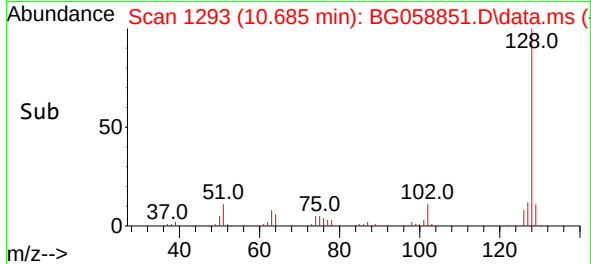
Instrument :
BNA_G
ClientSampleId :
PB155022BS



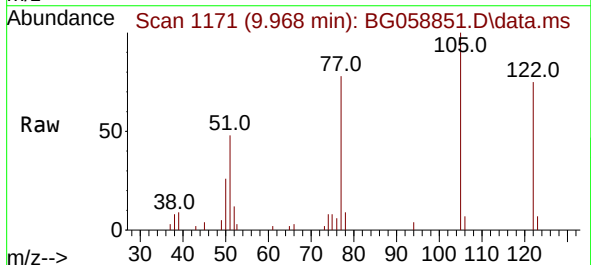
Tgt Ion:128 Resp: 166128
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.6 15.8

Manual Integrations
APPROVED

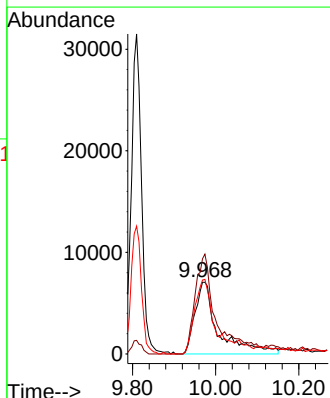
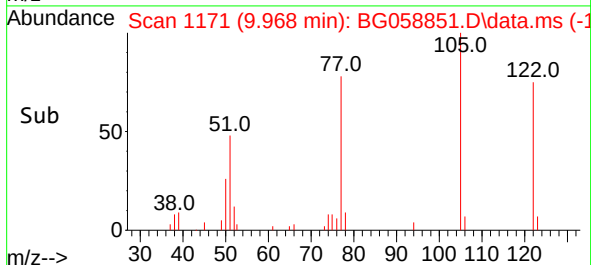
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

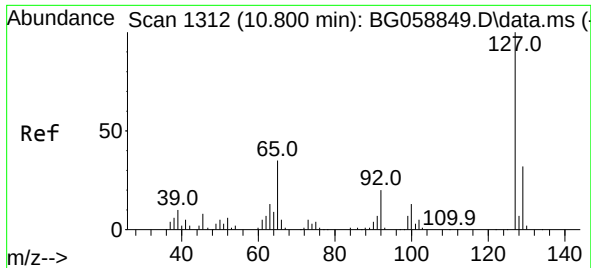


#32
Benzoic acid
Concen: 44.191 ng m
RT: 9.968 min Scan# 1171
Delta R.T. -0.020 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:122 Resp: 27513
Ion Ratio Lower Upper
122 100
105 132.6 113.6 153.6
77 103.1 79.7 119.7





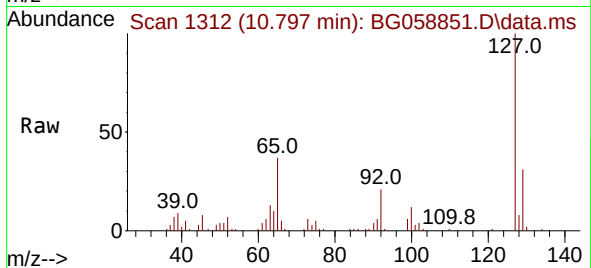
#33
4-Chloroaniline
Concen: 41.273 ng
RT: 10.797 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

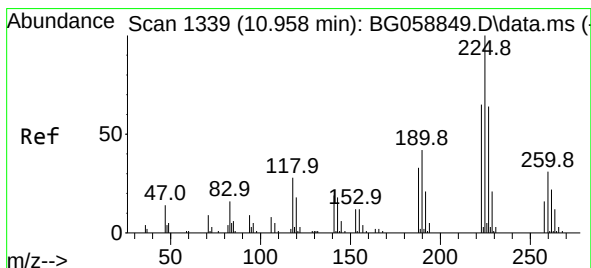
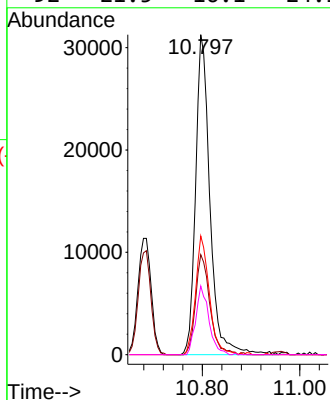
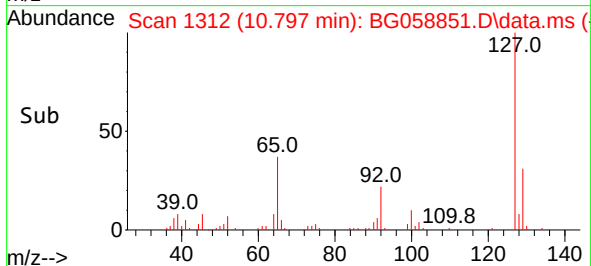


Tgt Ion:127 Resp: 6406
Ion Ratio Lower Upper
127 100
129 31.2 25.2 37.8
65 37.1 30.5 45.7
92 21.5 16.1 24.1

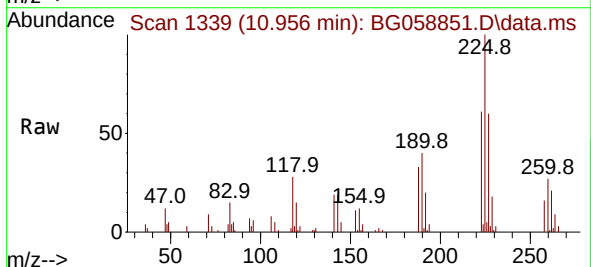
Manual Integrations

APPROVED

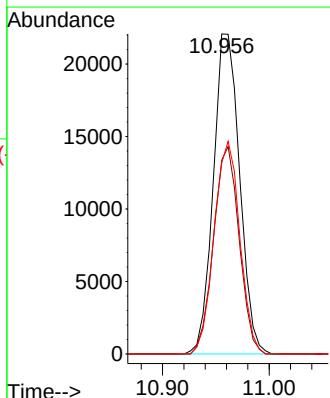
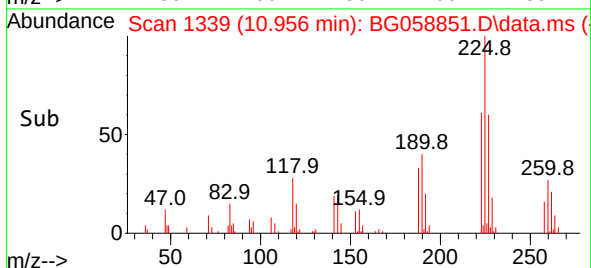
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

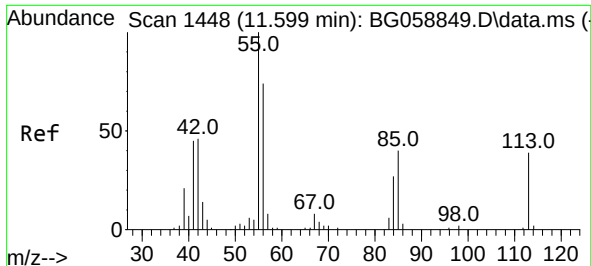


#34
Hexachlorobutadiene
Concen: 43.916 ng
RT: 10.956 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:225 Resp: 37805
Ion Ratio Lower Upper
225 100
223 60.6 49.9 74.9
227 59.7 51.6 77.4





#35
Caprolactam
Concen: 55.885 ng m
RT: 11.584 min Scan# 1448
Delta R.T. -0.015 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

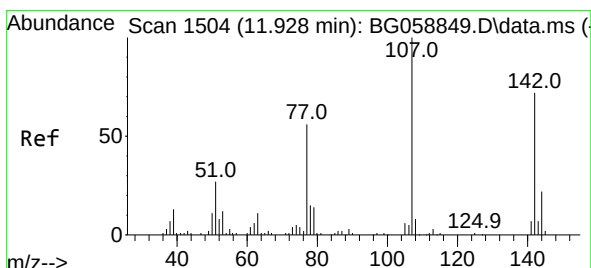
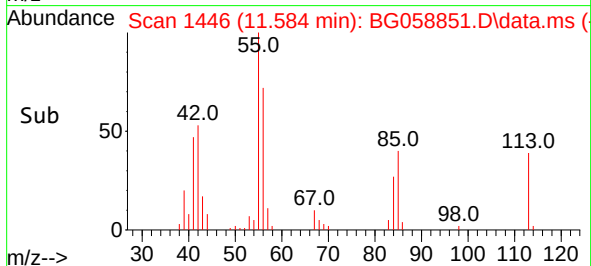
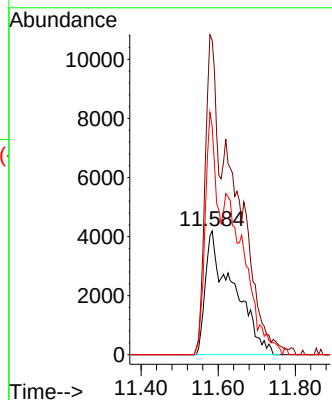
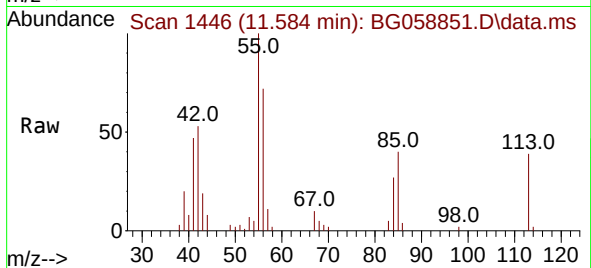
PB155022BS

Tgt Ion:113 Resp: 2115
Ion Ratio Lower Upper
113 100
55 254.0 256.3 296.3
56 183.8 180.4 220.4

Manual Integrations

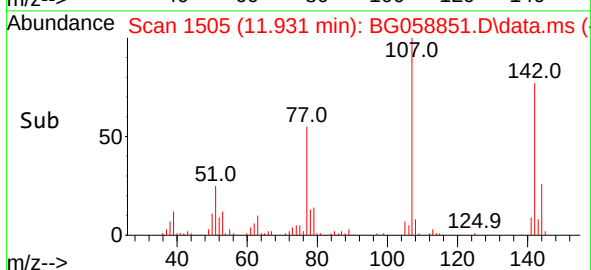
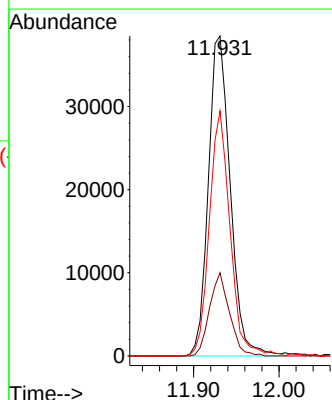
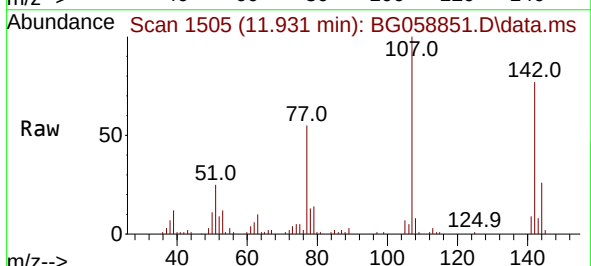
APPROVED

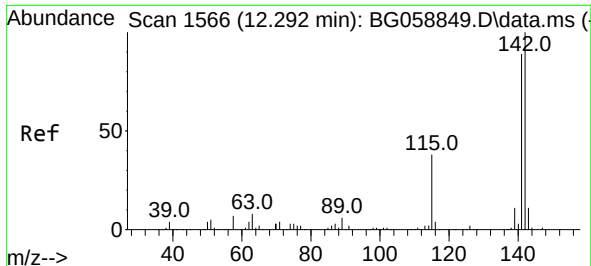
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#36
4-Chloro-3-methylphenol
Concen: 52.184 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:107 Resp: 68545
Ion Ratio Lower Upper
107 100
144 26.0 17.9 26.9
142 76.6 58.5 87.7





#37

2-Methylnaphthalene

Concen: 44.985 ng

RT: 12.295 min Scan# 11892

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

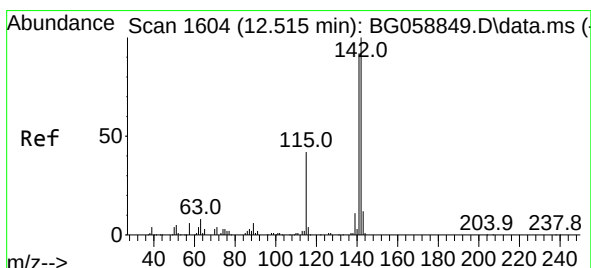
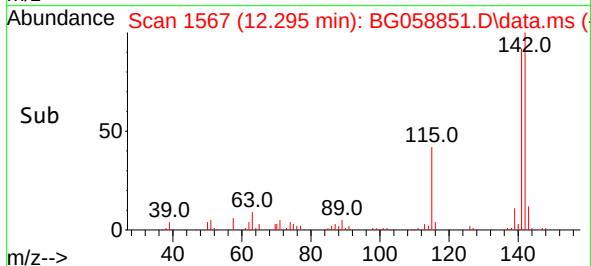
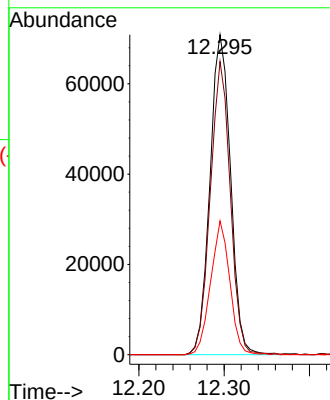
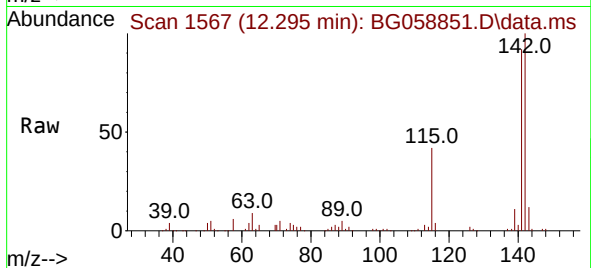
Tgt Ion:	142	Resp:	11892
Ion Ratio	Lower	Upper	
142	100		
141	91.6	71.8	107.8
115	41.8	30.6	45.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#38

1-Methylnaphthalene

Concen: 45.426 ng

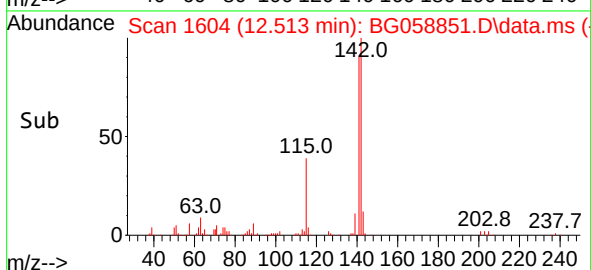
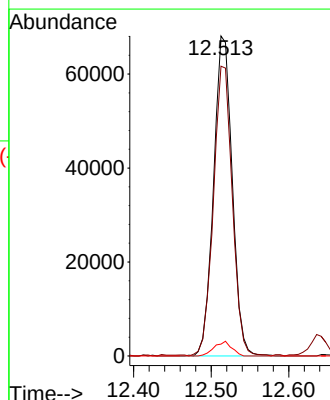
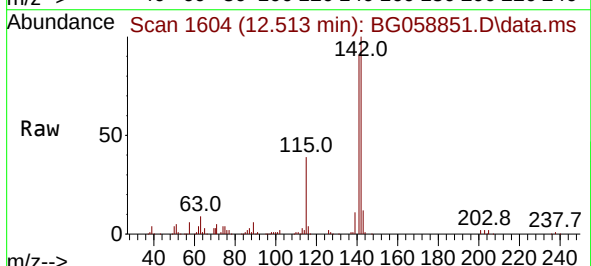
RT: 12.513 min Scan# 1604

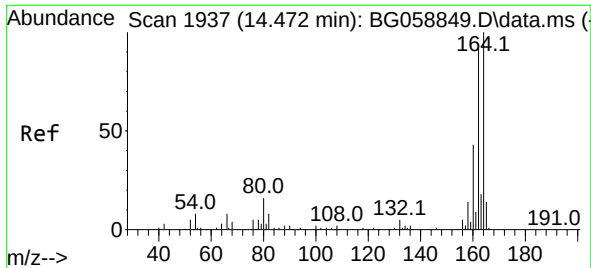
Delta R.T. -0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion:	142	Resp:	113993
Ion Ratio	Lower	Upper	
142	100		
141	90.5	73.9	110.9
116	3.7	3.2	4.8





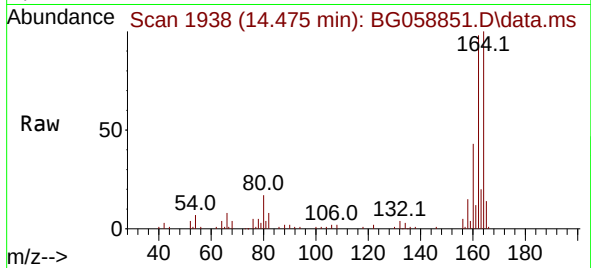
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1937
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

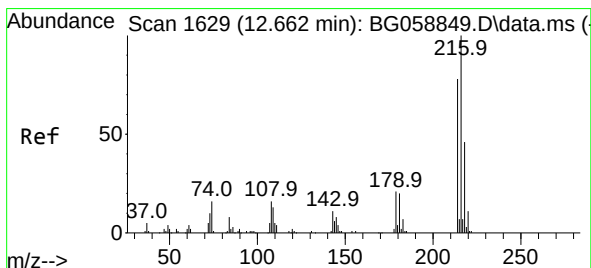
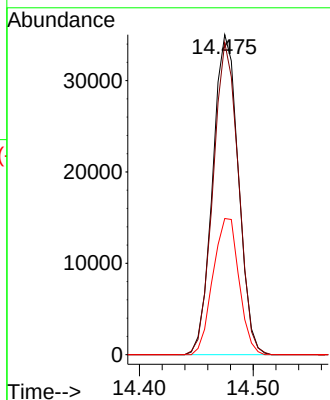
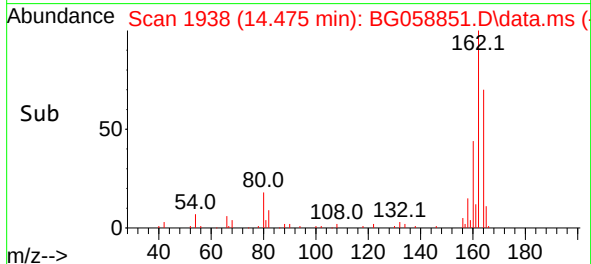


Tgt Ion:164 Resp: 5499
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 42.5 34.0 51.0

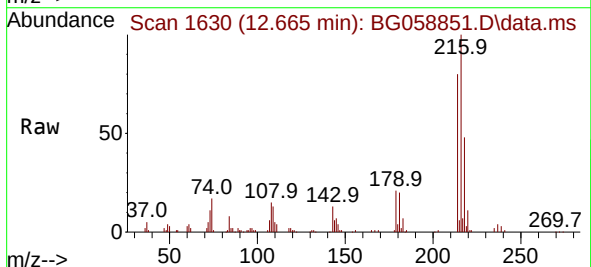
Manual Integrations

APPROVED

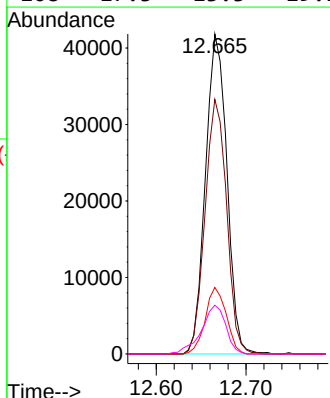
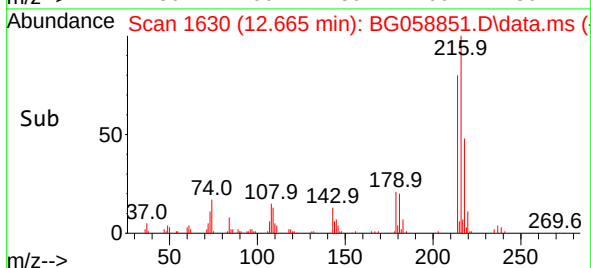
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

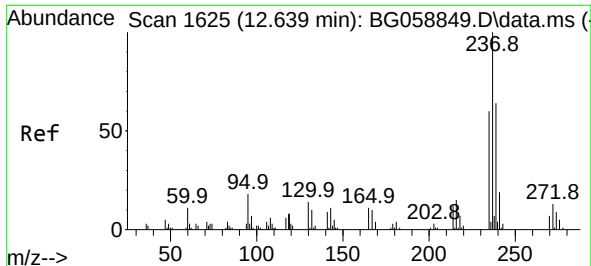


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.940 ng
RT: 12.665 min Scan# 1630
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:216 Resp: 69410
Ion Ratio Lower Upper
216 100
214 80.0 64.0 96.0
179 20.3 16.2 24.4
108 17.3 13.3 19.9





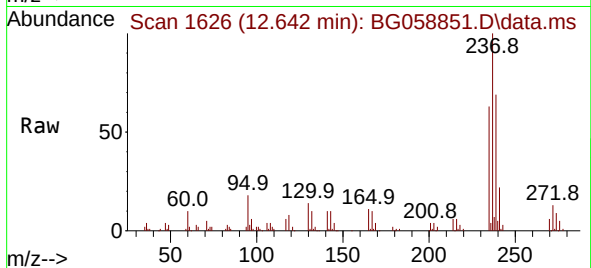
#41
Hexachlorocyclopentadiene
Concen: 92.165 ng
RT: 12.642 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

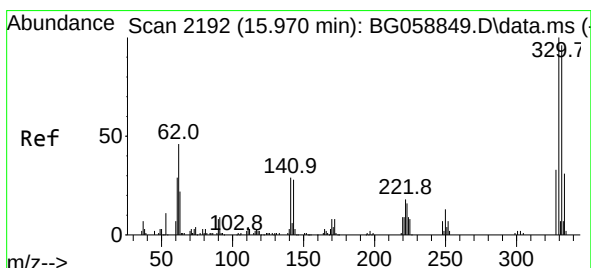
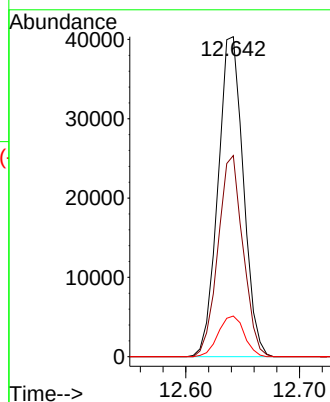
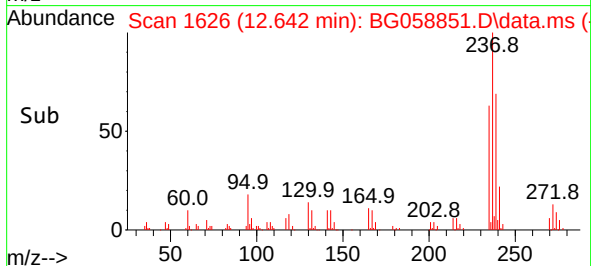


Tgt Ion:237 Resp: 62474
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 12.7 0.0 32.5

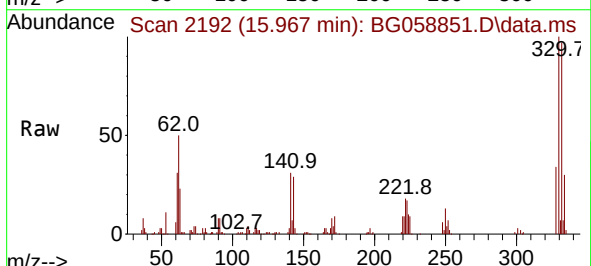
Manual Integrations

APPROVED

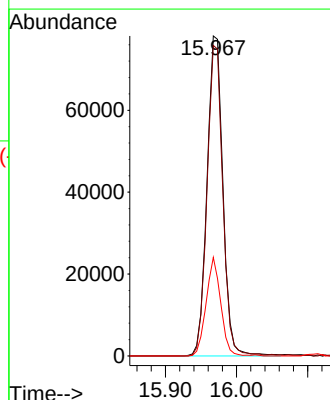
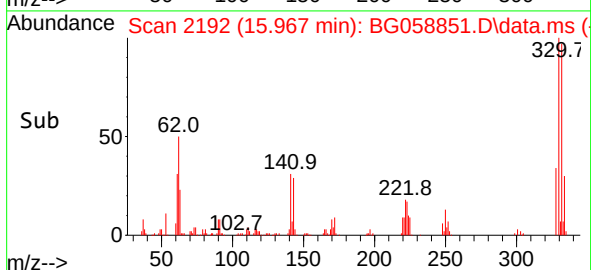
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

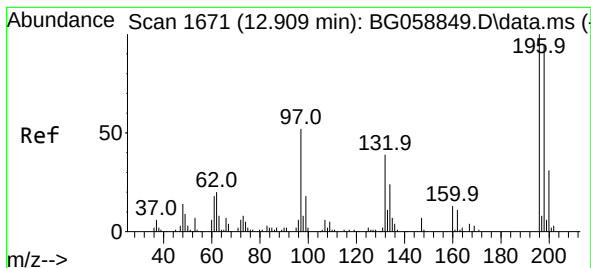


#42
2,4,6-Tribromophenol
Concen: 141.115 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:330 Resp: 121685
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 28.2 23.0 34.6





#43

2,4,6-Trichlorophenol

Concen: 48.007 ng

RT: 12.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

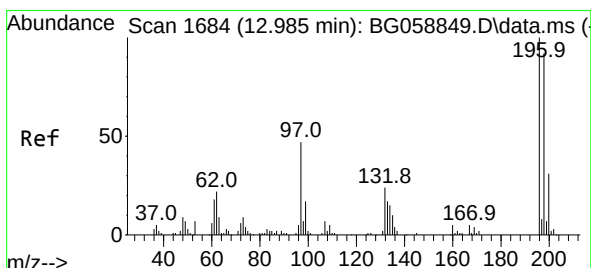
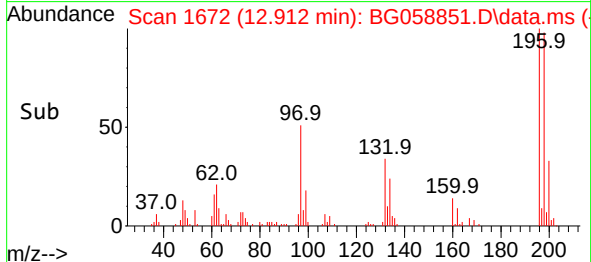
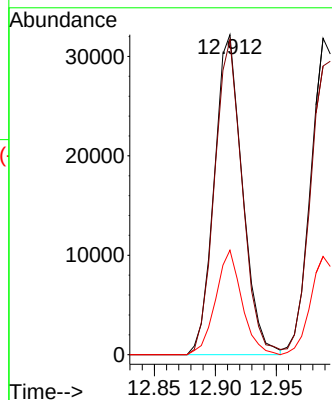
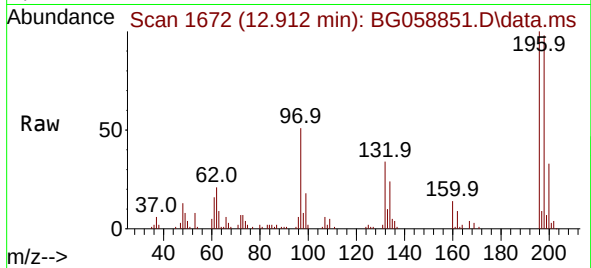
PB155022BS

Tgt Ion:196 Resp: 51790
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.0 115.4
 200 32.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023



#44

2,4,5-Trichlorophenol

Concen: 45.086 ng

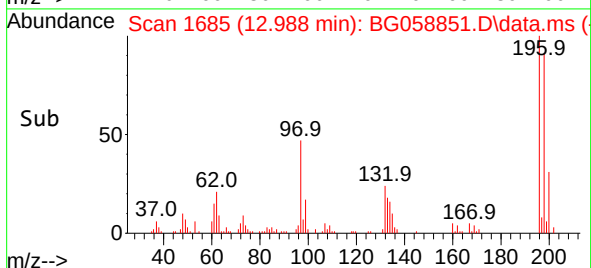
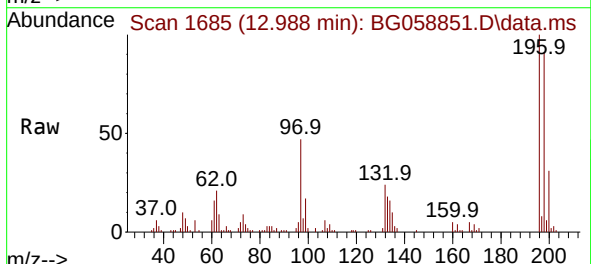
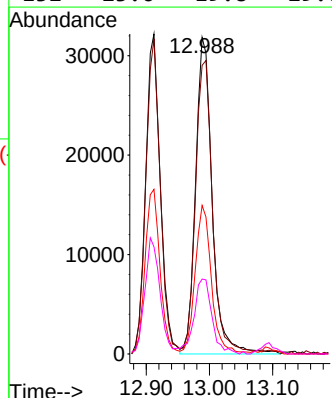
RT: 12.988 min Scan# 1685

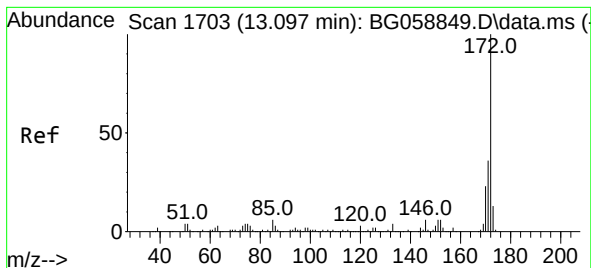
Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion:196 Resp: 58245
 Ion Ratio Lower Upper
 196 100
 198 91.2 78.0 117.0
 97 46.9 38.7 58.1
 132 23.6 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 80.617 ng
RT: 13.094 min Scan# 1703
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

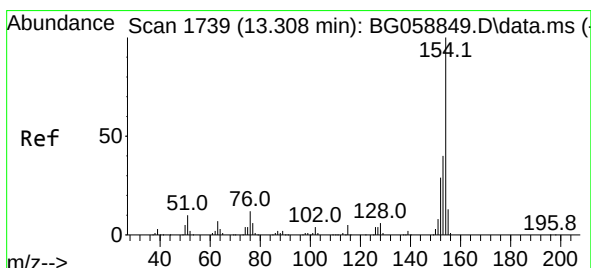
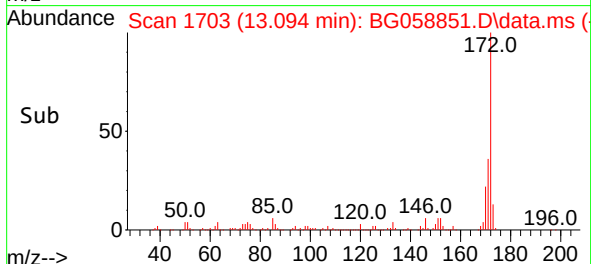
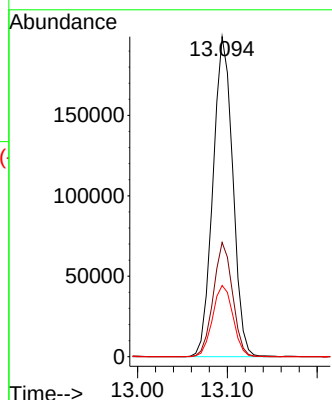
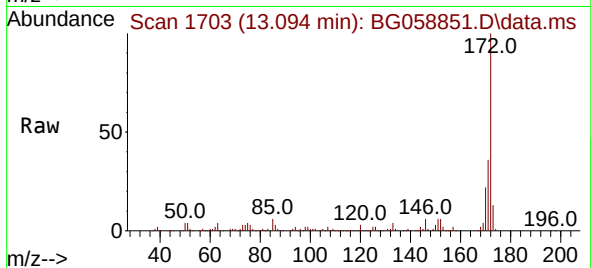
PB155022BS

Tgt Ion:172 Resp: 30482
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 22.3 18.6 27.8

Manual Integrations

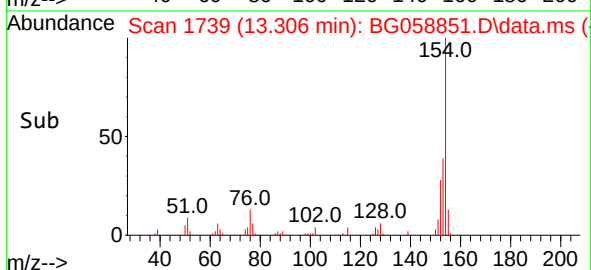
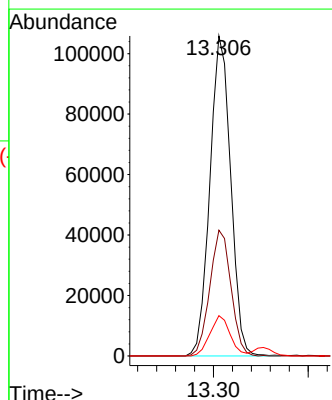
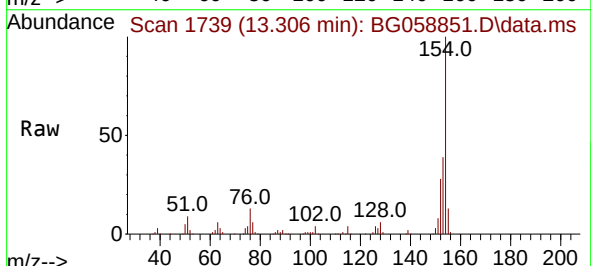
APPROVED

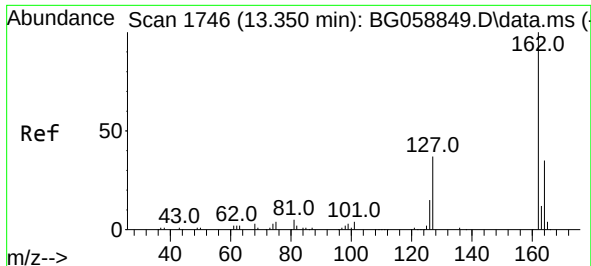
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#46
1,1'-Biphenyl
Concen: 42.501 ng
RT: 13.306 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:154 Resp: 161015
Ion Ratio Lower Upper
154 100
153 39.3 21.7 61.7
76 12.6 0.0 33.2





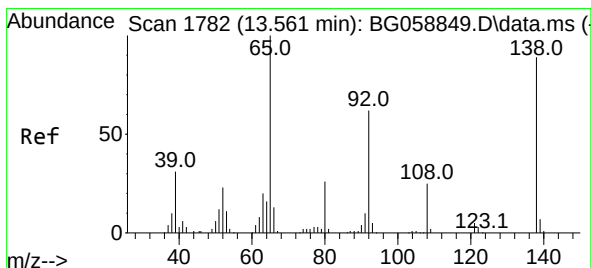
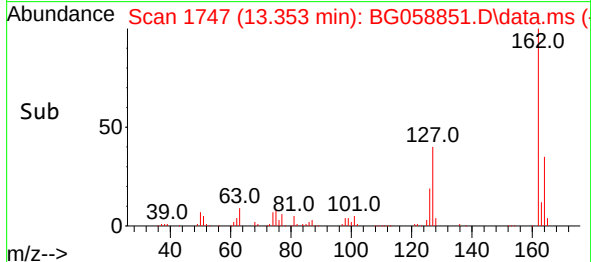
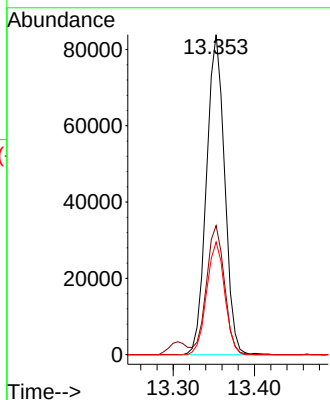
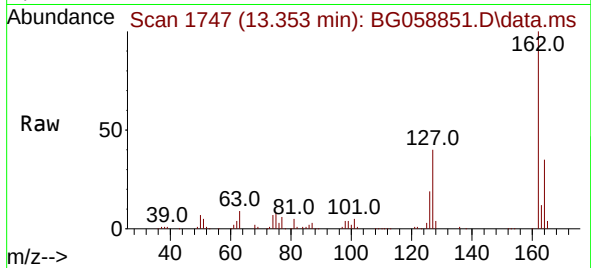
#47
2-Chloronaphthalene
Concen: 44.021 ng
RT: 13.353 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :
BNA_G
ClientSampleId :
PB155022BS

Tgt Ion:162 Resp: 129960
Ion Ratio Lower Upper
162 100
127 40.3 31.5 47.3
164 35.2 27.3 40.9

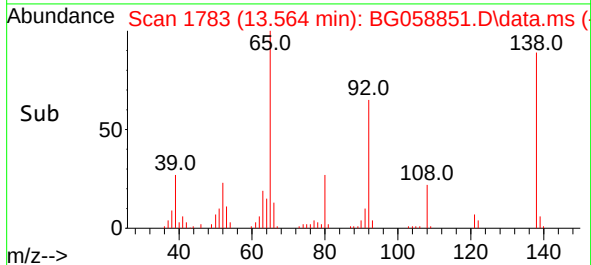
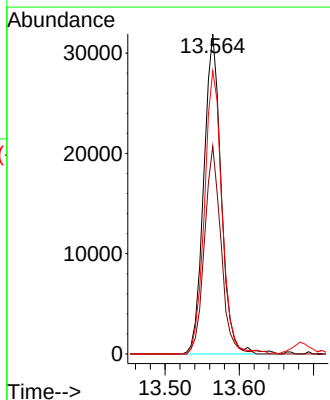
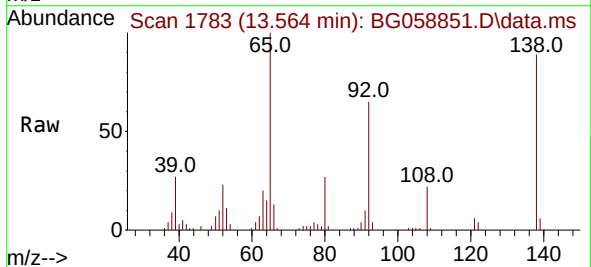
Manual Integrations
APPROVED

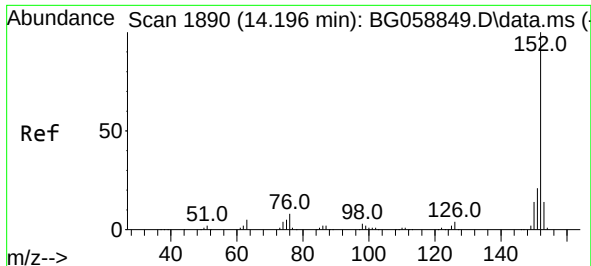
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#48
2-Nitroaniline
Concen: 46.401 ng
RT: 13.564 min Scan# 1783
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion: 65 Resp: 52029
Ion Ratio Lower Upper
65 100
92 65.0 50.7 76.1
138 88.5 70.7 106.1





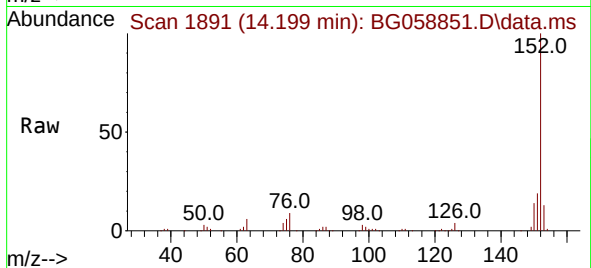
#49
Acenaphthylene
Concen: 44.017 ng
RT: 14.199 min Scan# 1891
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

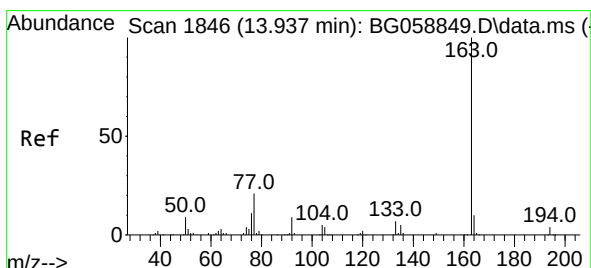
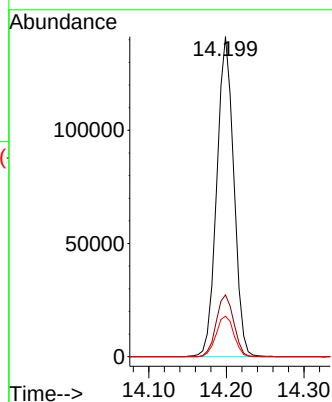
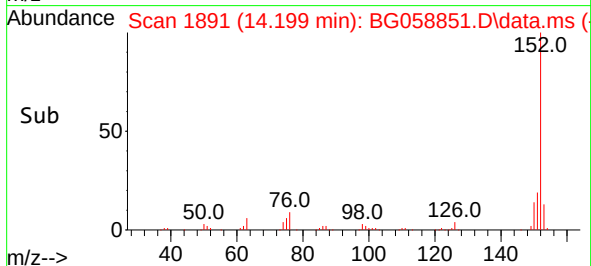


Tgt Ion:152 Resp: 215508
Ion Ratio Lower Upper
152 100
151 19.3 16.9 25.3
153 12.7 10.7 16.1

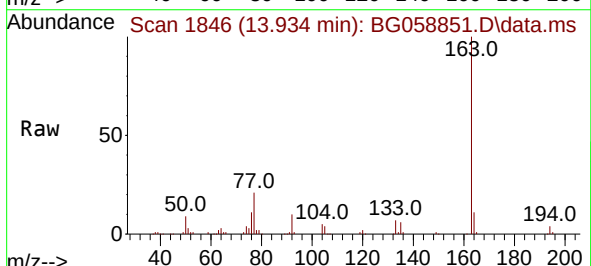
Manual Integrations

APPROVED

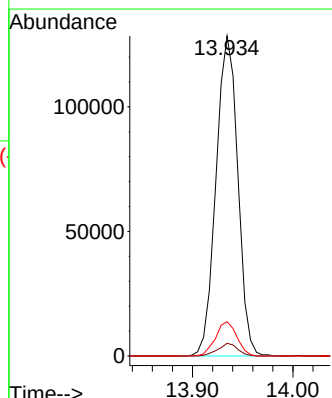
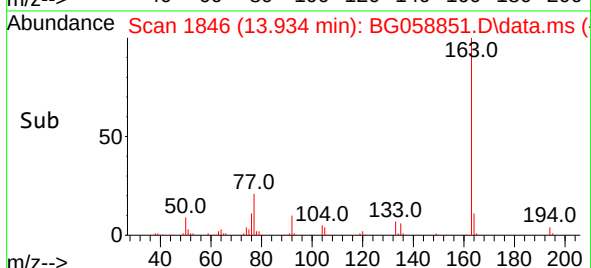
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

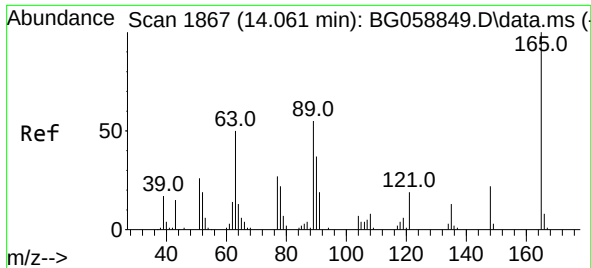


#50
Dimethylphthalate
Concen: 45.301 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:163 Resp: 192897
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 46.723 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

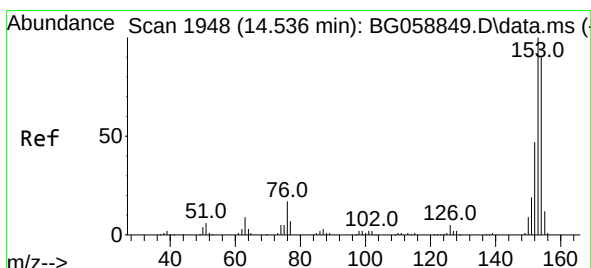
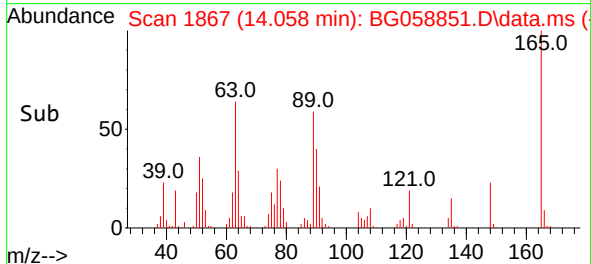
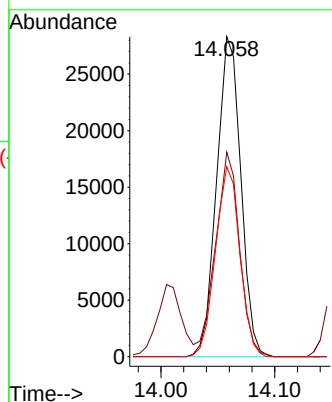
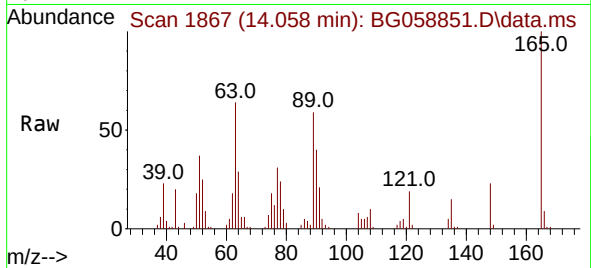
ClientSampleId :

PB155022BS

Tgt Ion:165 Resp: 4179
Ion Ratio Lower Upper
165 100
63 63.9 47.2 70.8
89 59.4 45.0 67.4

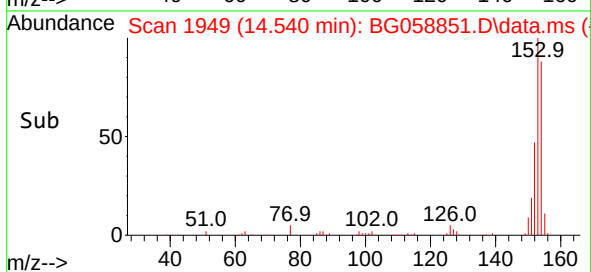
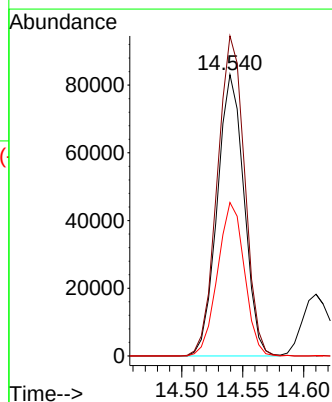
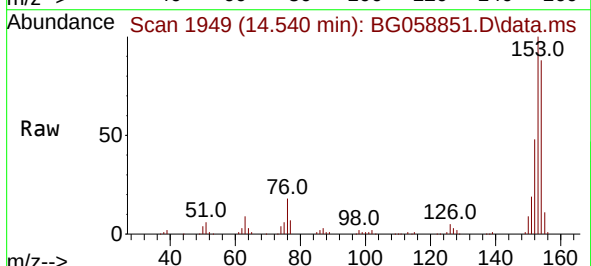
Manual Integrations
APPROVED

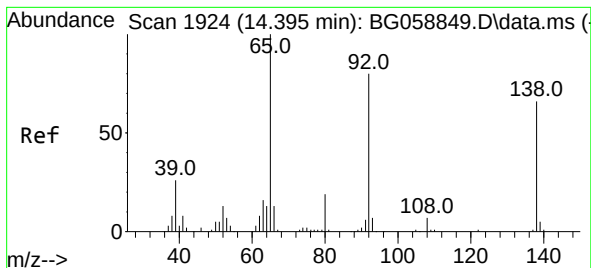
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#52
Acenaphthene
Concen: 44.421 ng
RT: 14.540 min Scan# 1949
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:154 Resp: 127094
Ion Ratio Lower Upper
154 100
153 113.8 92.7 139.1
152 54.6 44.2 66.2





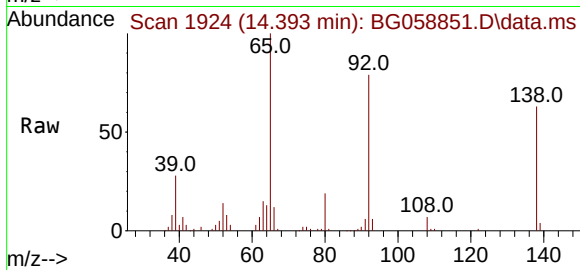
#53
3-Nitroaniline
Concen: 42.526 ng
RT: 14.393 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS



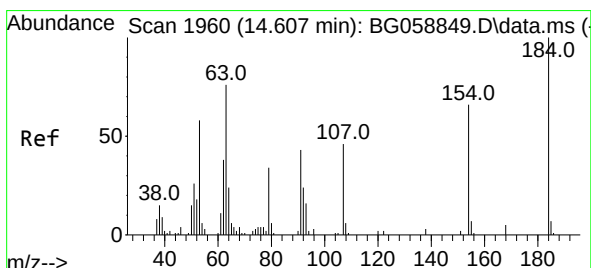
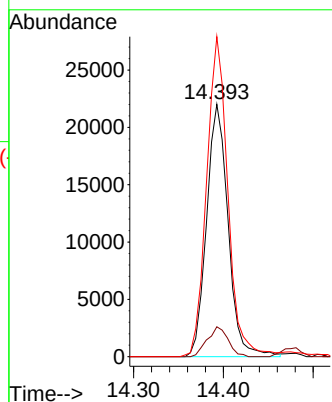
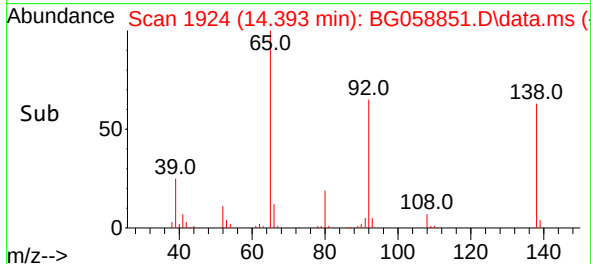
Tgt Ion:138 Resp: 36692
Ion Ratio Lower Upper
138 100
108 11.9 11.8 17.8
92 126.8 102.5 153.7

Manual Integrations

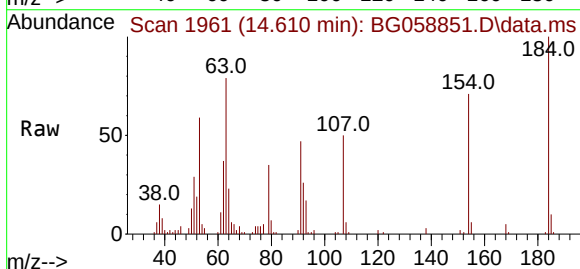
APPROVED

Reviewed By :Yogesh Patel 08/28/2023

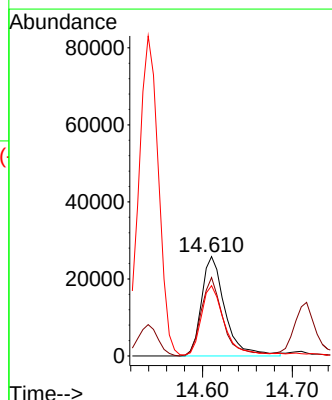
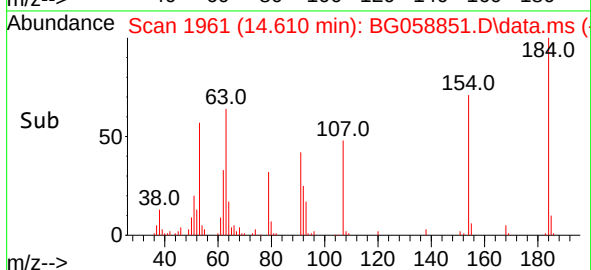
Supervised By :mohammad ahmed 08/28/2023

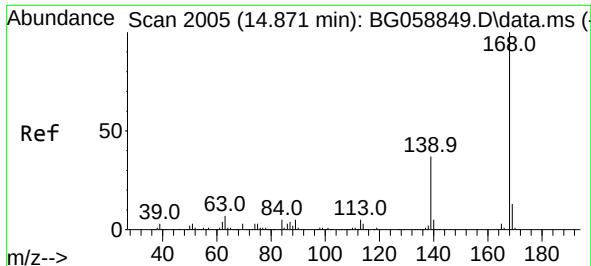


#54
2,4-Dinitrophenol
Concen: 92.591 ng
RT: 14.610 min Scan# 1961
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:184 Resp: 46887
Ion Ratio Lower Upper
184 100
63 78.9 57.7 86.5
154 70.7 51.8 77.6





#55
Dibenzofuran
Concen: 44.494 ng
RT: 14.874 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

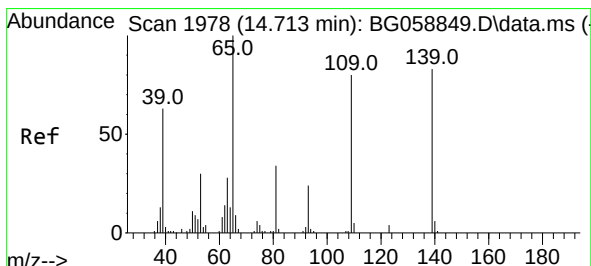
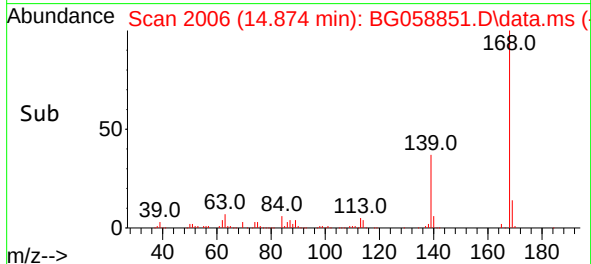
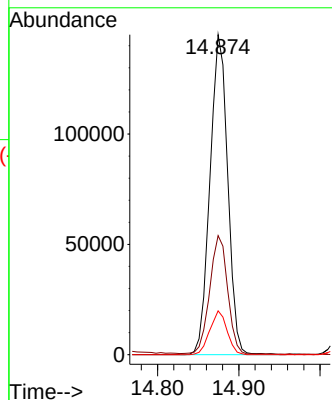
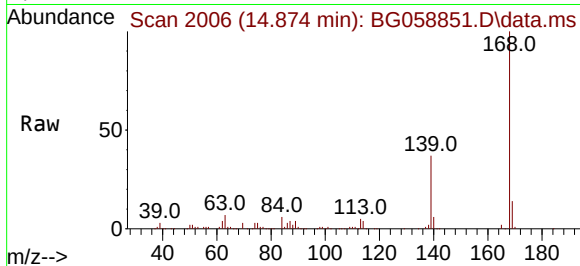
PB155022BS

Tgt Ion:168 Resp: 21959
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.7 10.7 16.1

Manual Integrations

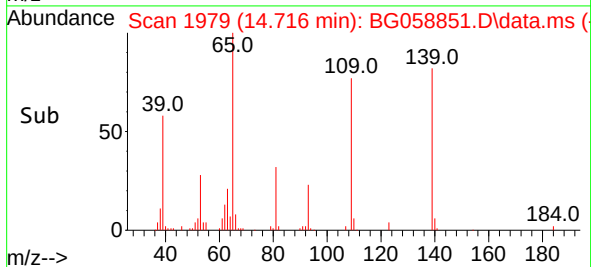
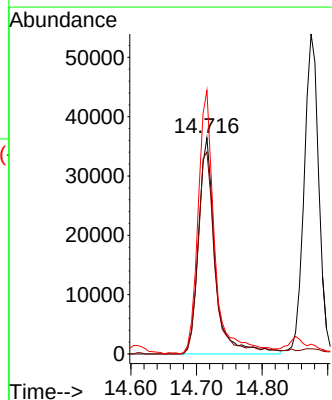
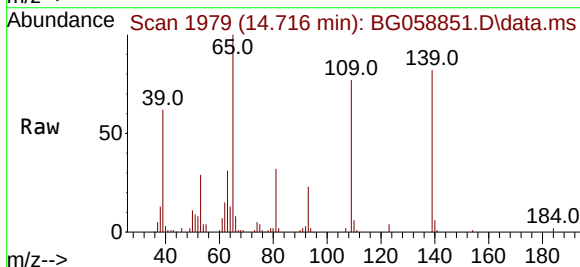
APPROVED

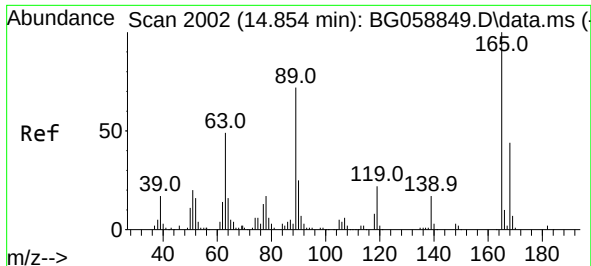
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#56
4-Nitrophenol
Concen: 101.610 ng
RT: 14.716 min Scan# 1979
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:139 Resp: 64219
Ion Ratio Lower Upper
139 100
109 93.5 71.9 111.9
65 121.9 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 48.798 ng
RT: 14.851 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

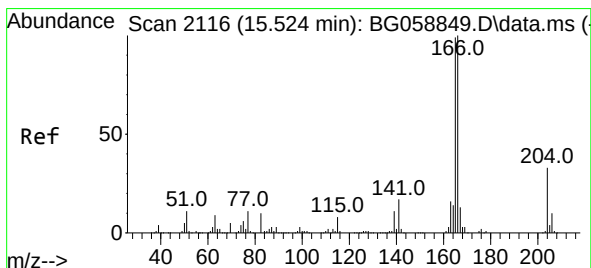
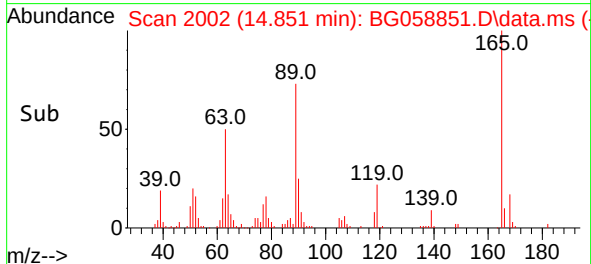
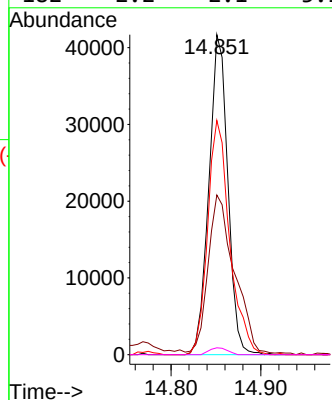
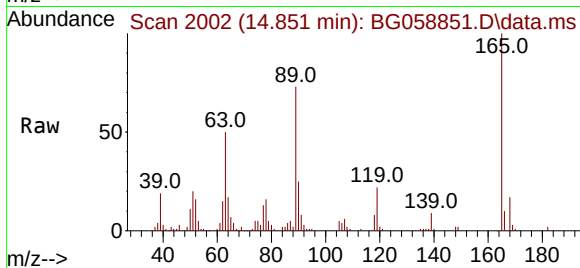
PB155022BS

Tgt Ion:165 Resp: 6088
Ion Ratio Lower Upper
165 100
63 49.9 41.8 62.6
89 73.2 60.7 91.1
182 2.2 2.1 3.1

Manual Integrations

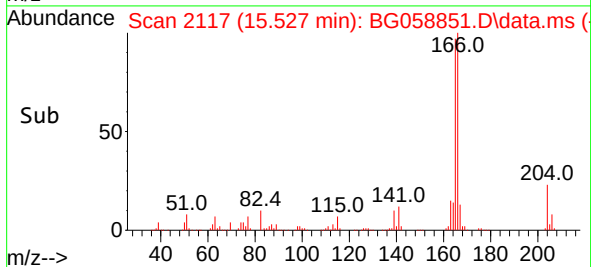
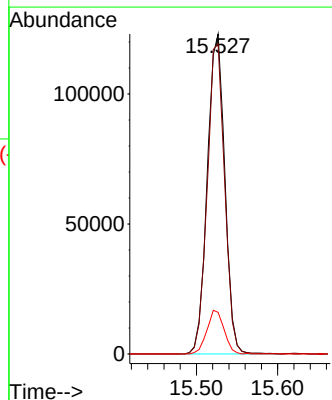
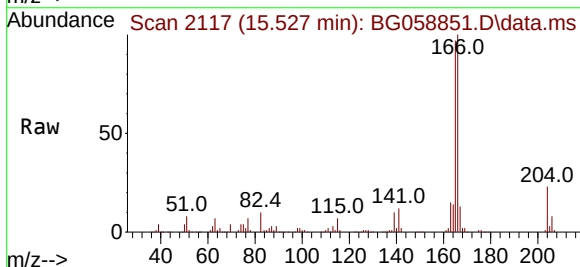
APPROVED

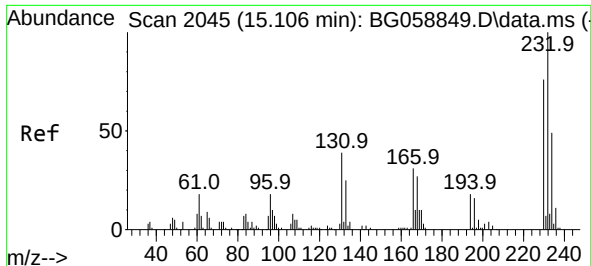
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#58
Fluorene
Concen: 46.819 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:166 Resp: 183893
Ion Ratio Lower Upper
166 100
165 96.8 79.9 119.9
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.545 ng
RT: 15.109 min Scan# 2045
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

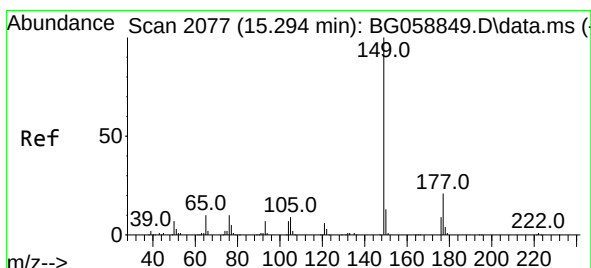
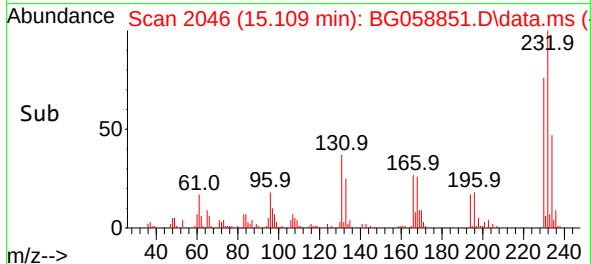
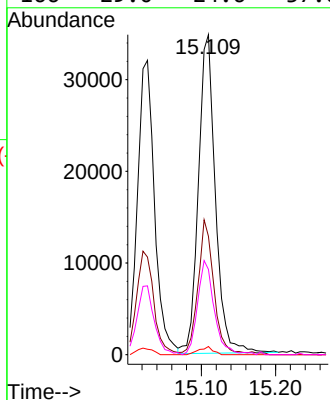
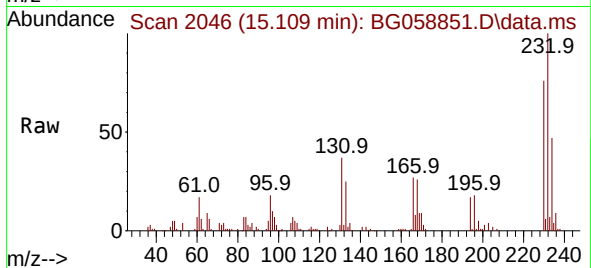
PB155022BS

Tgt Ion:232 Resp: 5539
Ion Ratio Lower Upper
232 100
131 37.9 33.9 50.9
130 2.1 1.8 2.6
166 29.0 24.6 37.0

Manual Integrations

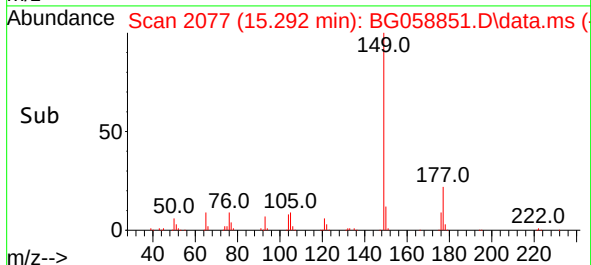
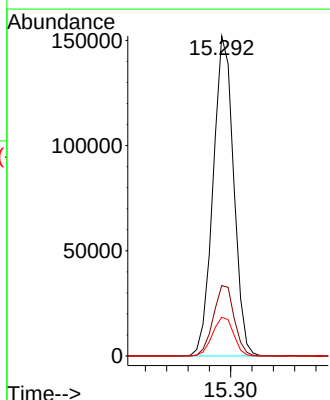
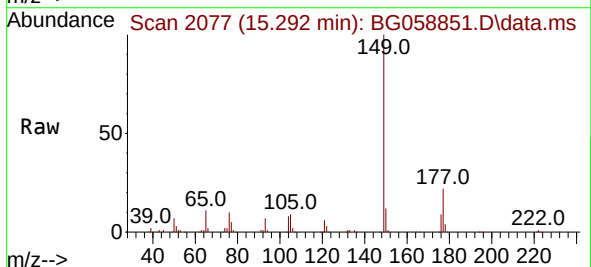
APPROVED

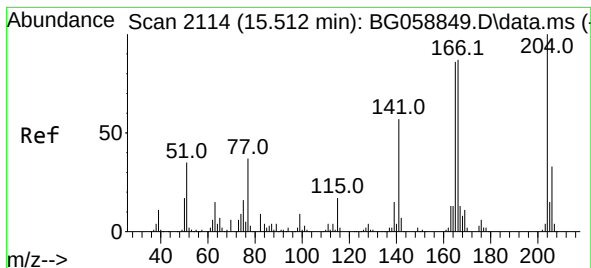
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#60
Diethylphthalate
Concen: 46.251 ng
RT: 15.292 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:149 Resp: 203053
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.842 ng
RT: 15.515 min Scan# 2115
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

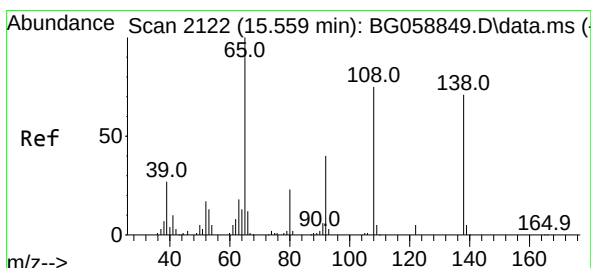
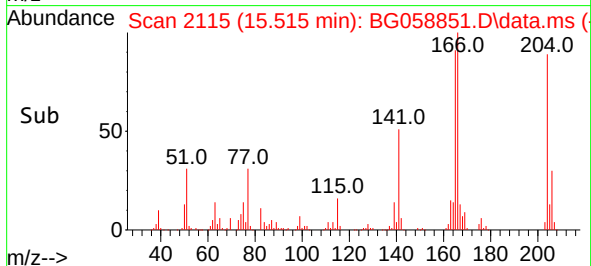
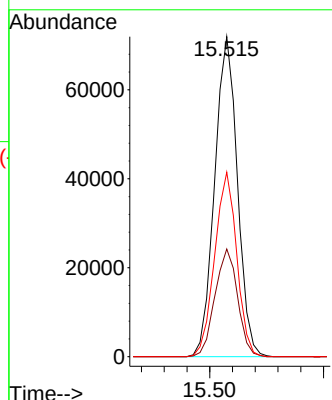
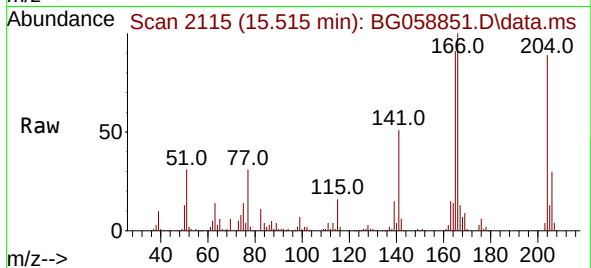
PB155022BS

Tgt Ion:204 Resp: 99800
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 57.7 42.3 63.5

Manual Integrations

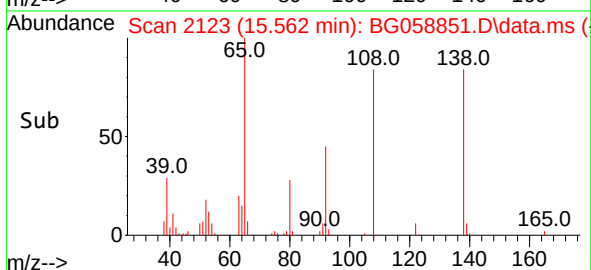
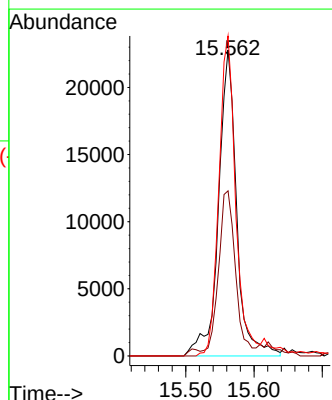
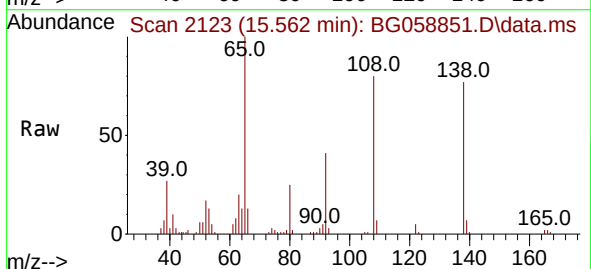
APPROVED

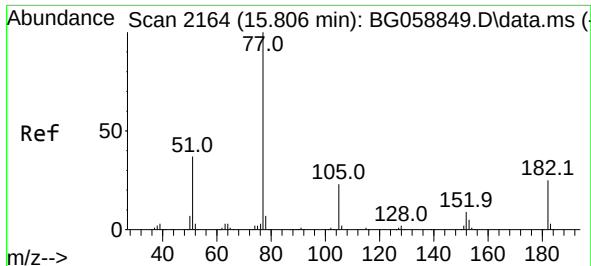
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#62
4-Nitroaniline
Concen: 48.095 ng
RT: 15.562 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:138 Resp: 42112
Ion Ratio Lower Upper
138 100
92 54.0 36.4 76.4
108 104.6 72.2 112.2





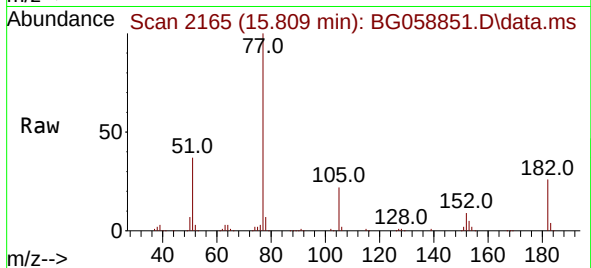
#63
Azobenzene
Concen: 45.003 ng
RT: 15.809 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

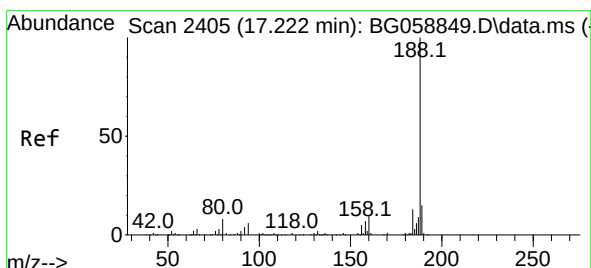
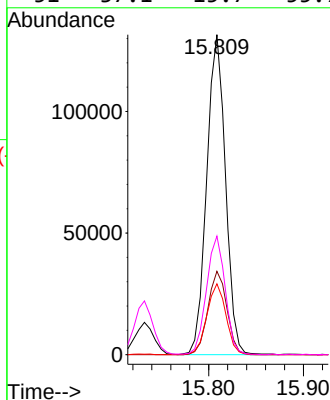
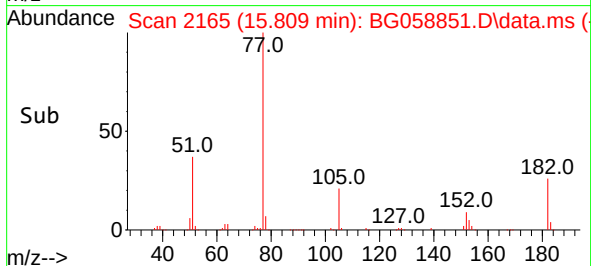


Tgt Ion: 77 Resp: 181420
Ion Ratio Lower Upper
77 100
182 26.0 4.9 44.9
105 22.1 2.8 42.8
51 37.1 15.7 55.7

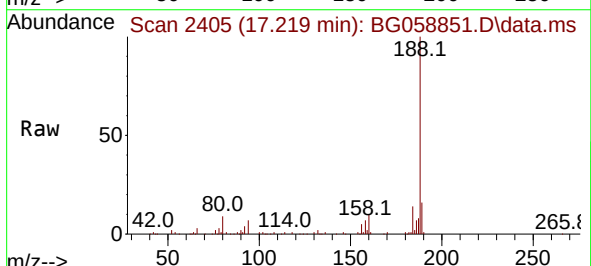
Manual Integrations

APPROVED

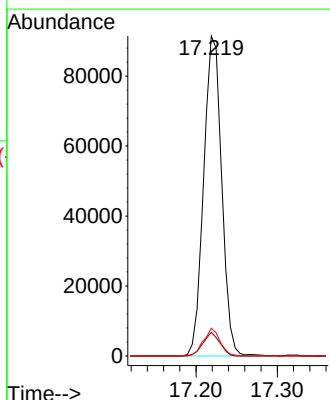
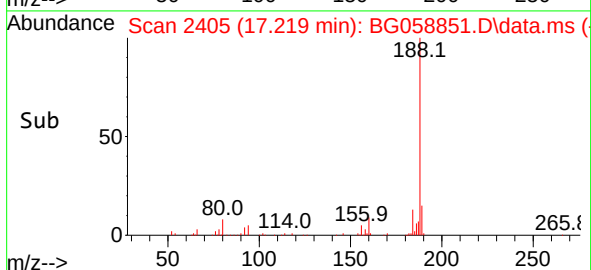
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

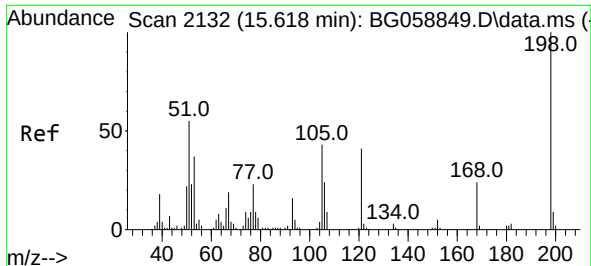


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:188 Resp: 140745
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.483 ng
RT: 15.621 min Scan# 2133
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

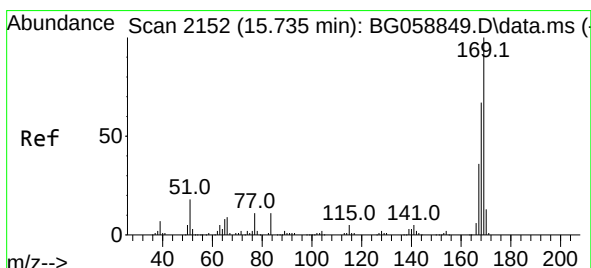
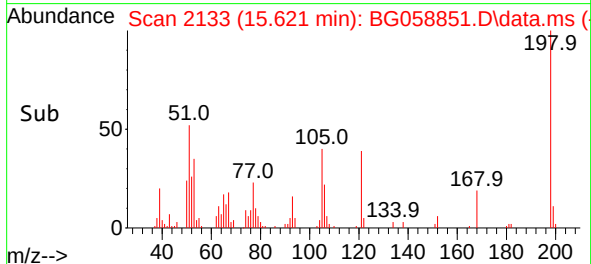
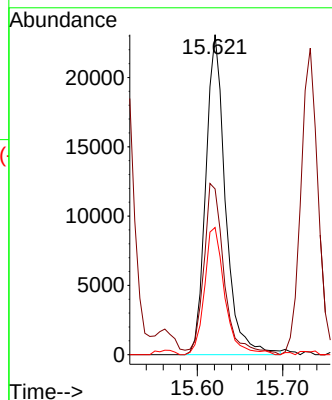
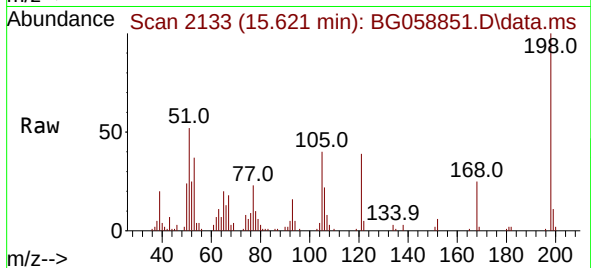
PB155022BS

Tgt Ion:198 Resp: 36980
Ion Ratio Lower Upper
198 100
51 51.8 31.3 71.3
105 39.8 20.7 60.7

Manual Integrations

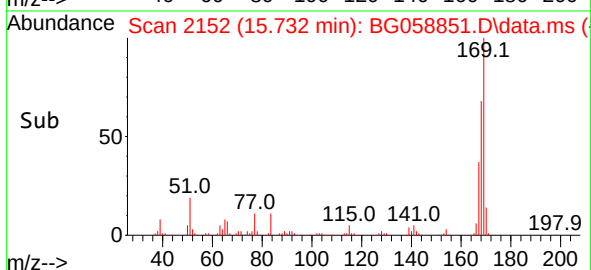
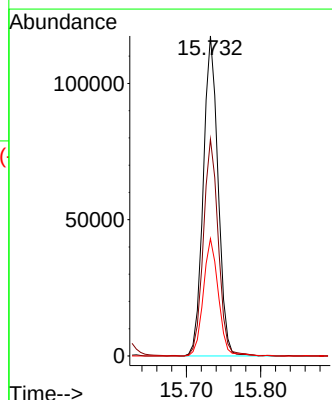
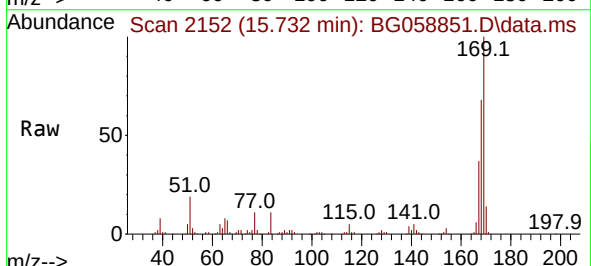
APPROVED

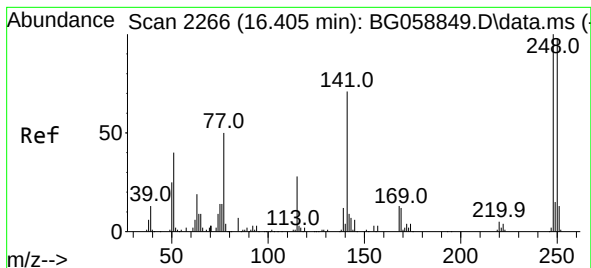
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#66
n-Nitrosodiphenylamine
Concen: 45.041 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:169 Resp: 163389
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 36.7 31.4 47.0





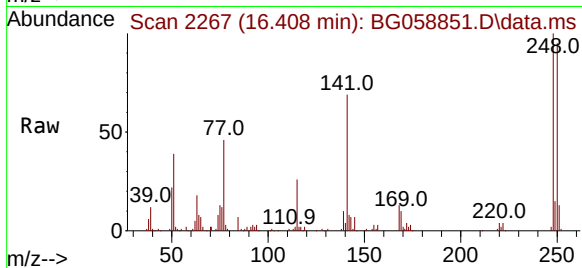
#67
4-Bromophenyl-phenylether
Concen: 45.149 ng
RT: 16.408 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

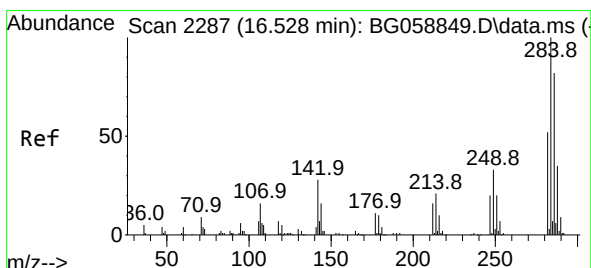
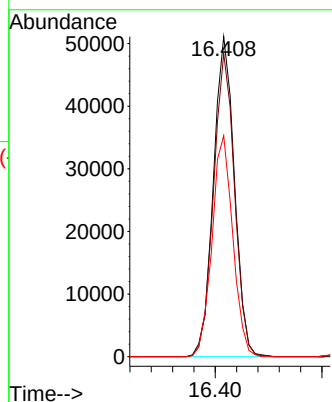
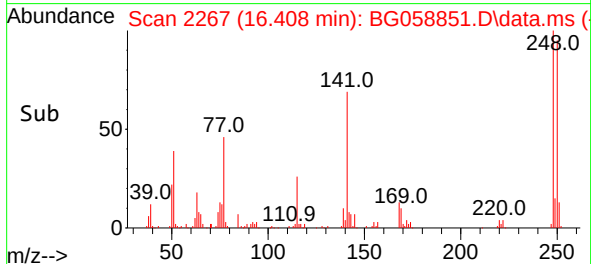


Tgt Ion:248 Resp: 6973
Ion Ratio Lower Upper
248 100
250 94.7 77.7 116.5
141 69.0 53.6 80.4

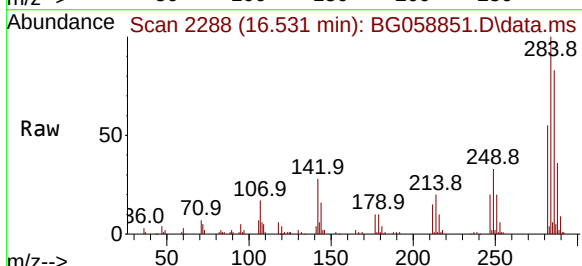
Manual Integrations

APPROVED

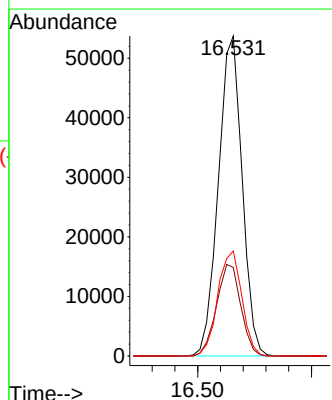
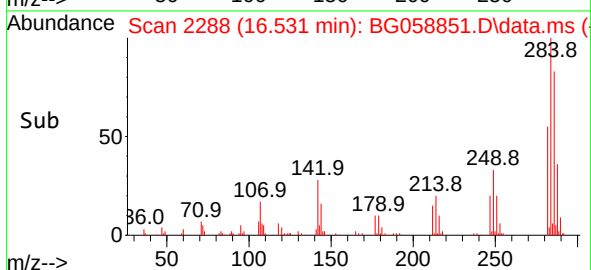
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

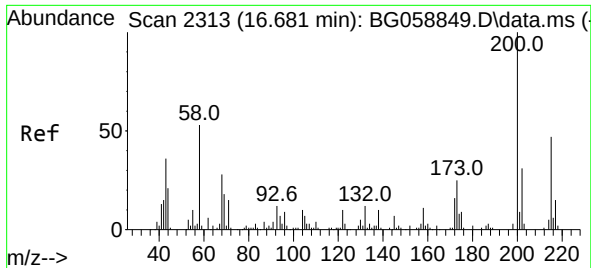


#68
Hexachlorobenzene
Concen: 46.922 ng
RT: 16.531 min Scan# 2288
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:284 Resp: 77996
Ion Ratio Lower Upper
284 100
142 27.7 22.0 33.0
249 32.8 27.2 40.8





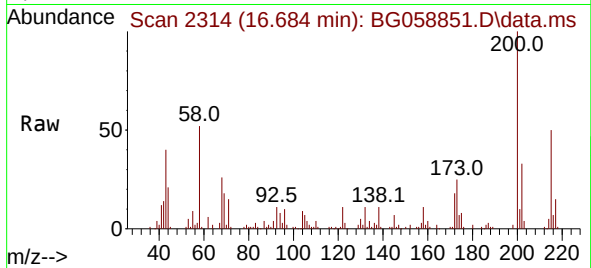
#69
 Atrazine
 Concen: 53.730 ng
 RT: 16.684 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

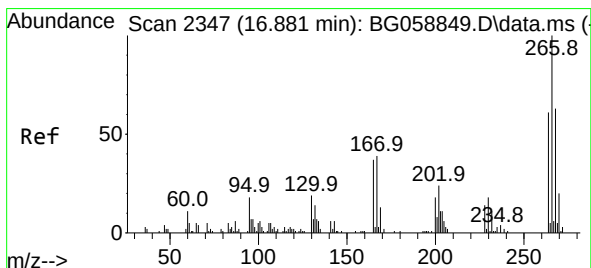
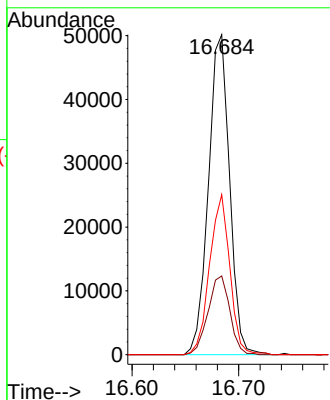
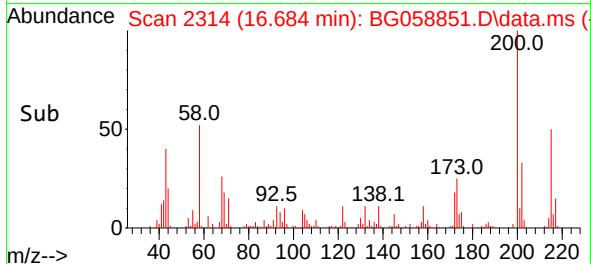


Tgt Ion:200 Resp: 68978
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.3 45.3
 215 50.0 29.4 69.4

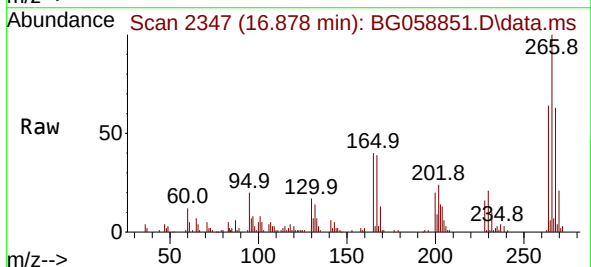
Manual Integrations

APPROVED

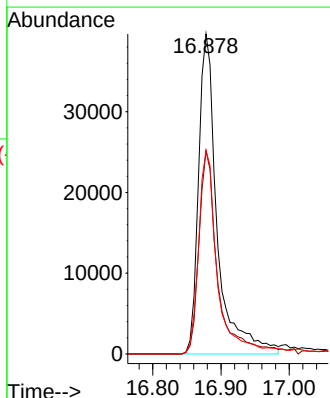
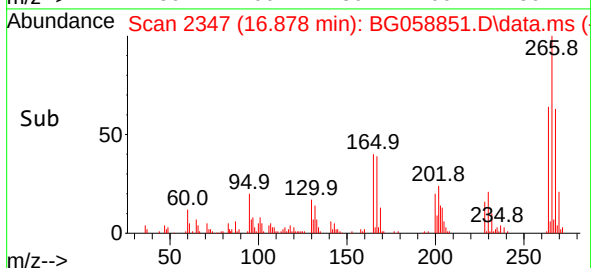
Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

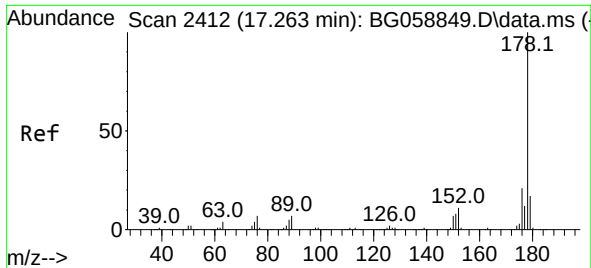


#70
 Pentachlorophenol
 Concen: 87.103 ng
 RT: 16.878 min Scan# 2347
 Delta R.T. -0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35



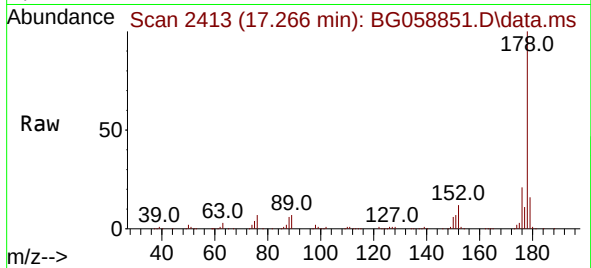
Tgt Ion:266 Resp: 75922
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.7 79.1
 264 63.6 49.5 74.3





#71
Phenanthrene
Concen: 44.629 ng
RT: 17.266 min Scan# 2412
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

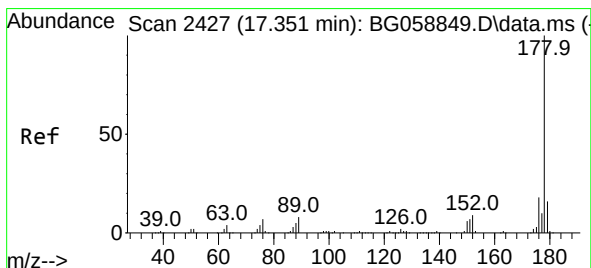
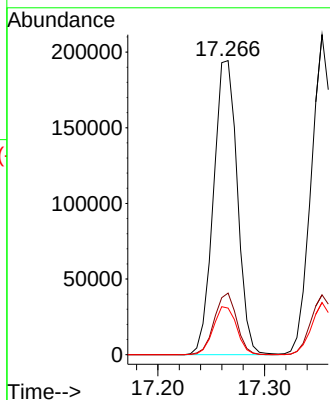
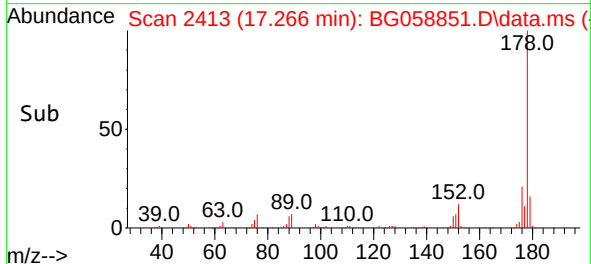
Instrument :
BNA_G
ClientSampleId :
PB155022BS



Tgt Ion:178 Resp: 301549
Ion Ratio Lower Upper
178 100
176 21.0 15.5 23.3
179 15.8 13.0 19.4

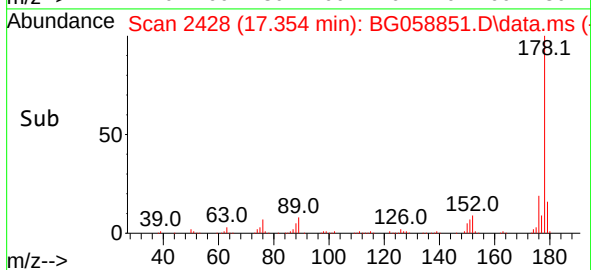
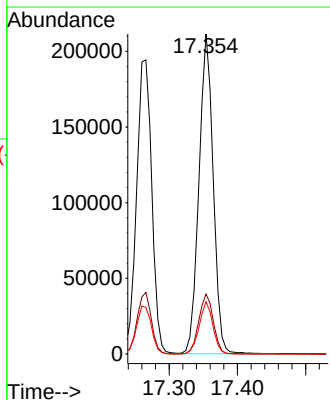
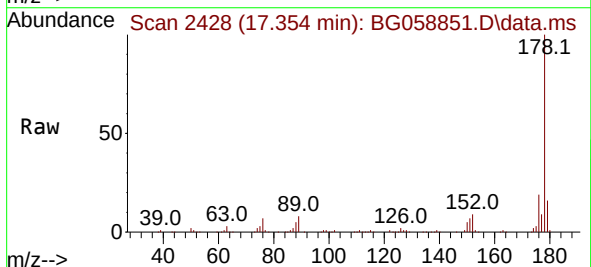
Manual Integrations
APPROVED

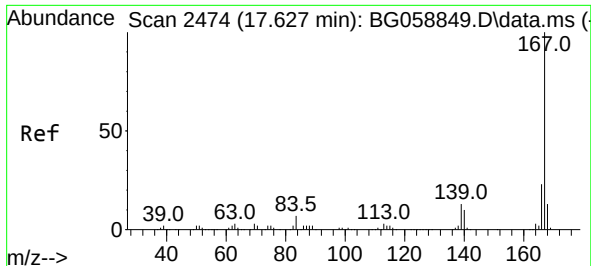
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#72
Anthracene
Concen: 45.229 ng
RT: 17.354 min Scan# 2428
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:178 Resp: 306506
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.3 12.9 19.3





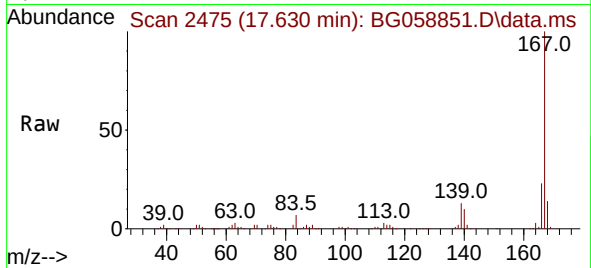
#73
Carbazole
Concen: 45.964 ng
RT: 17.630 min Scan# 2474
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

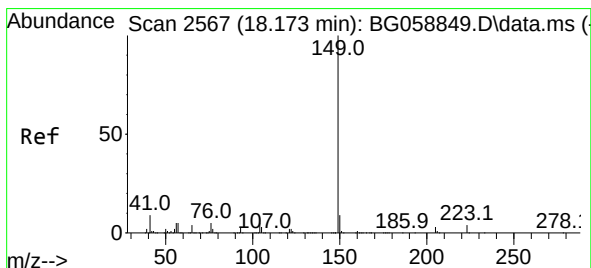
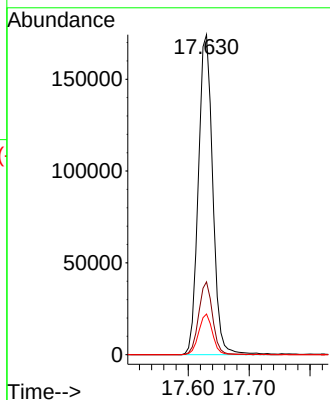
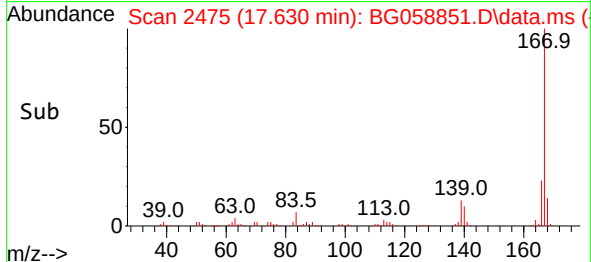


Tgt Ion:167 Resp: 285238
Ion Ratio Lower Upper
167 100
166 22.7 17.4 26.2
139 12.7 9.7 14.5

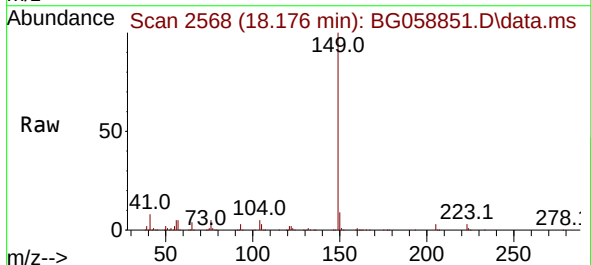
Manual Integrations

APPROVED

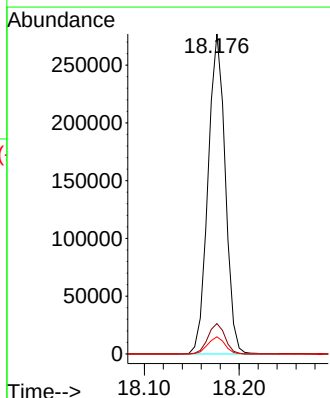
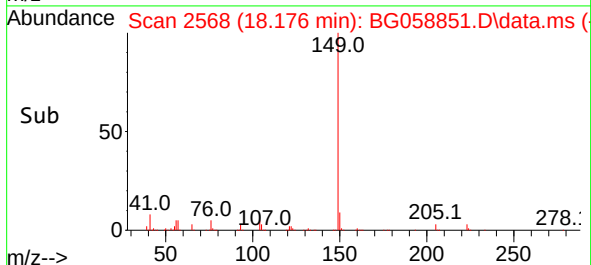
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

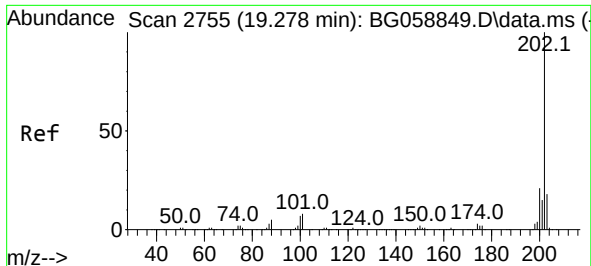


#74
Di-n-butylphthalate
Concen: 44.688 ng
RT: 18.176 min Scan# 2568
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:149 Resp: 349836
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.3 4.3 6.5





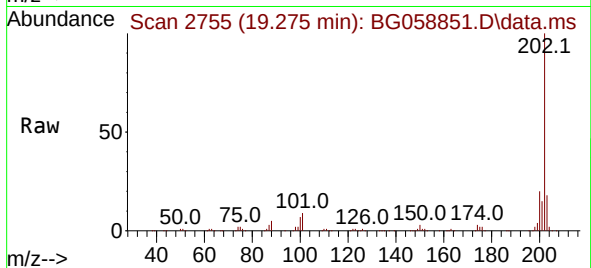
#75
Fluoranthene
Concen: 44.065 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS



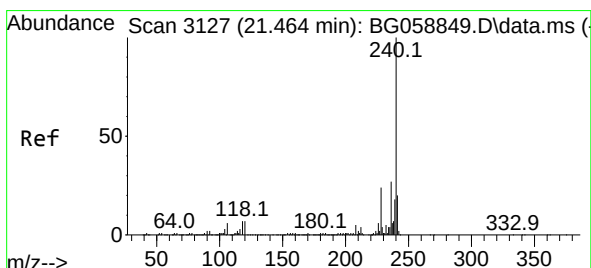
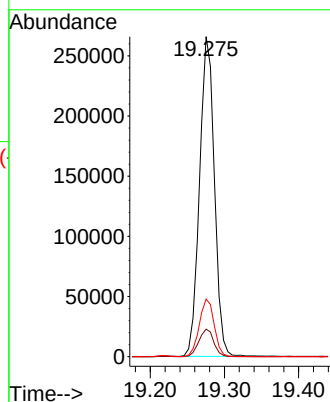
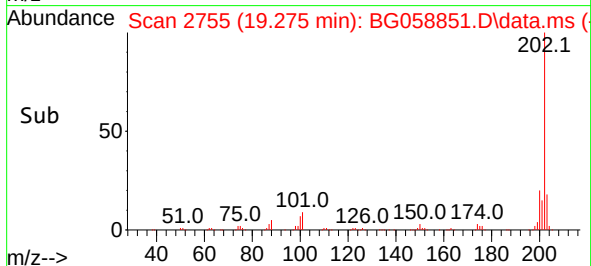
Tgt Ion:202 Resp: 369225
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.7
203 18.0 0.0 38.7

Manual Integrations

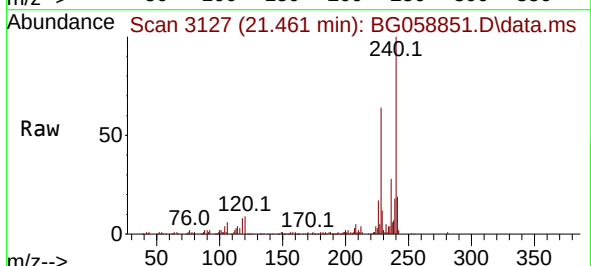
APPROVED

Reviewed By :Yogesh Patel 08/28/2023

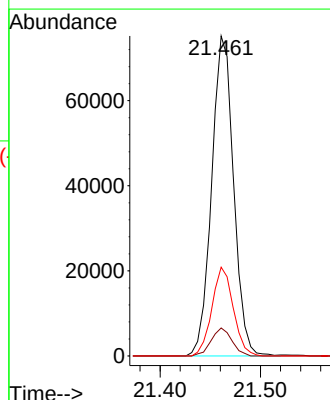
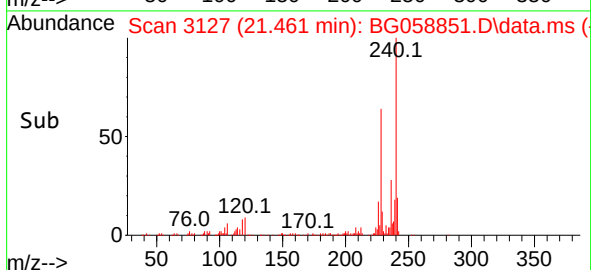
Supervised By :mohammad ahmed 08/28/2023

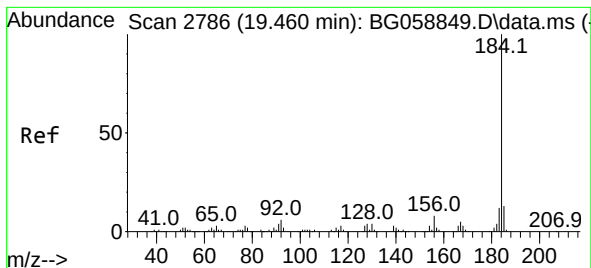


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.461 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:240 Resp: 114172
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.2
236 27.7 20.5 30.7





#77

Benzidine

Concen: 110.690 ng

RT: 19.463 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058851.D

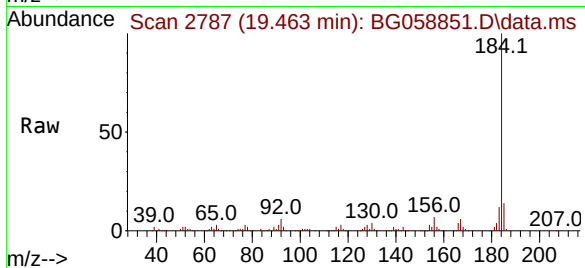
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS



Tgt Ion:184 Resp: 226492

Ion Ratio Lower Upper

184 100

185 13.7 11.9 17.9

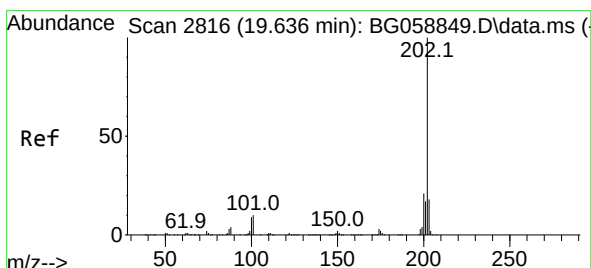
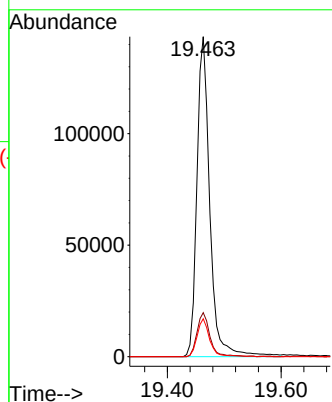
183 11.9 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#78

Pyrene

Concen: 47.047 ng

RT: 19.639 min Scan# 2817

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

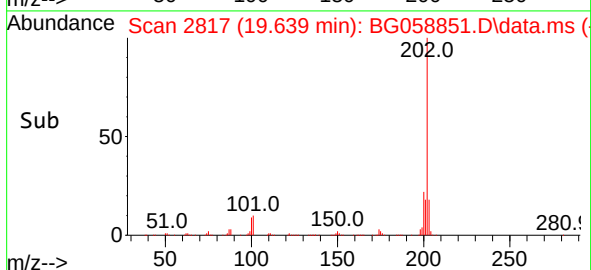
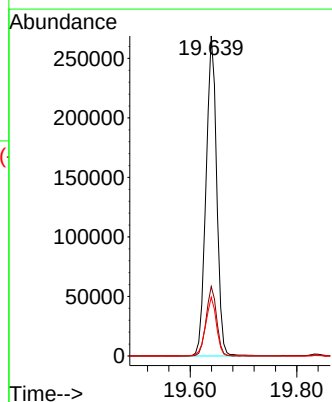
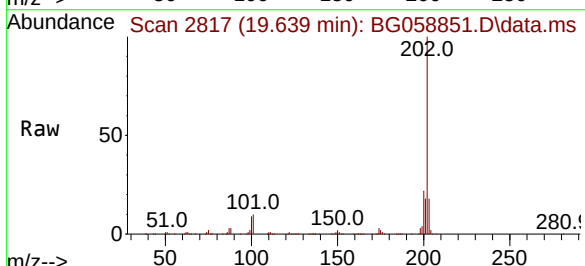
Tgt Ion:202 Resp: 374268

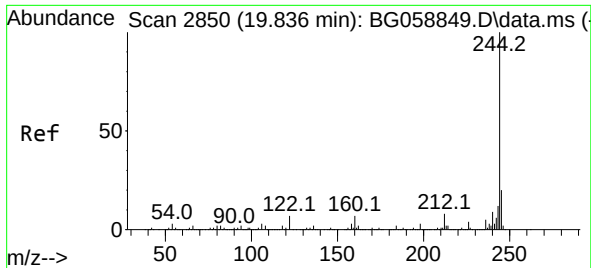
Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

203 18.3 15.3 22.9





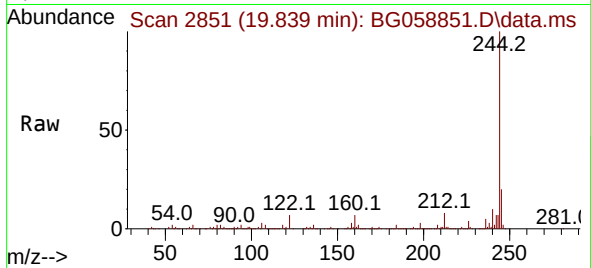
#79
 Terphenyl-d14
 Concen: 95.641 ng
 RT: 19.839 min Scan# 2850
 Delta R.T. 0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

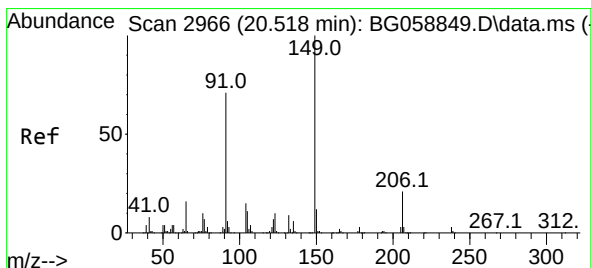
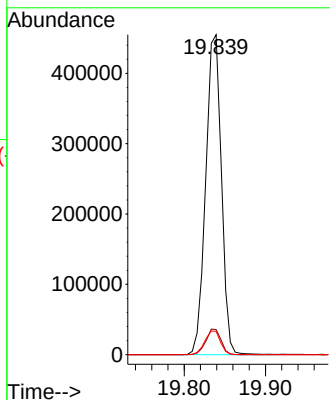
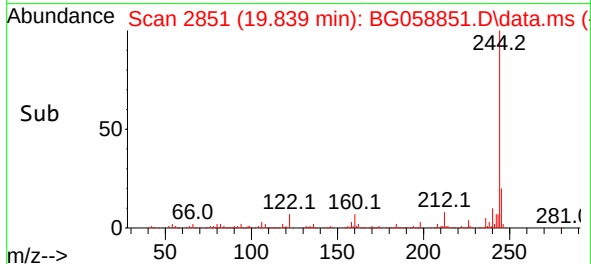


Tgt Ion:244 Resp: 608128
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.3 6.3 9.5

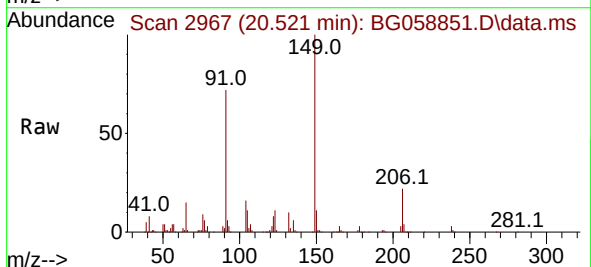
Manual Integrations

APPROVED

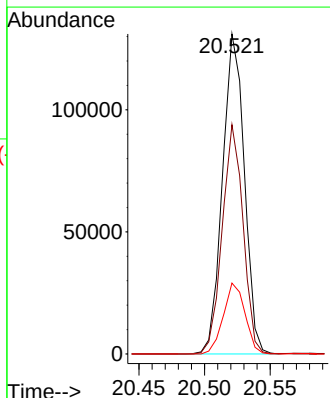
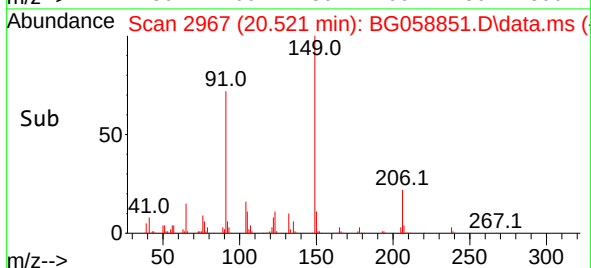
Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

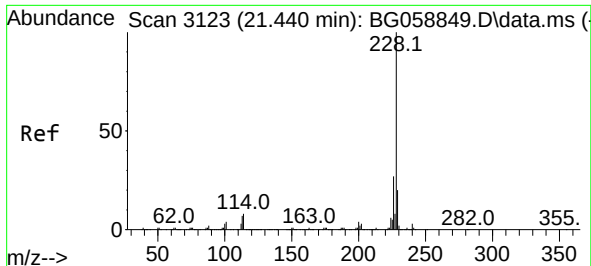


#80
 Butylbenzylphthalate
 Concen: 47.109 ng
 RT: 20.521 min Scan# 2967
 Delta R.T. 0.003 min
 Lab File: BG058851.D
 Acq: 25 Aug 2023 15:35



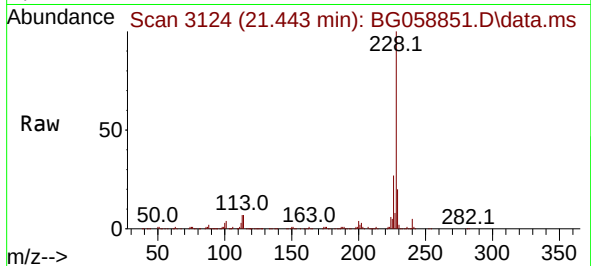
Tgt Ion:149 Resp: 151991
 Ion Ratio Lower Upper
 149 100
 91 71.6 55.0 82.4
 206 22.1 17.6 26.4





#81
Benzo(a)anthracene
Concen: 45.737 ng
RT: 21.443 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

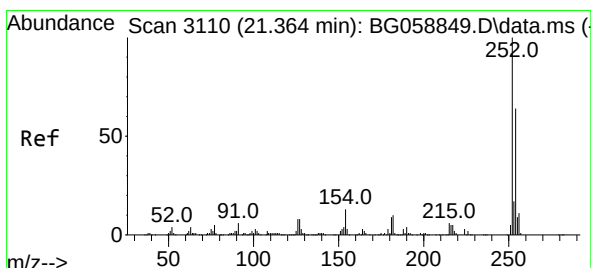
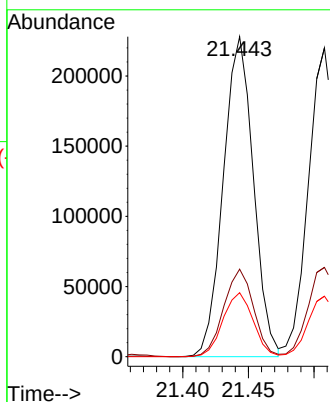
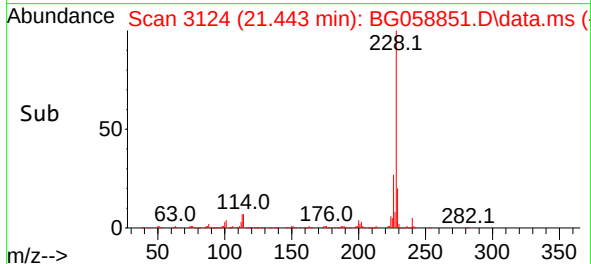
Instrument :
BNA_G
ClientSampleId :
PB155022BS



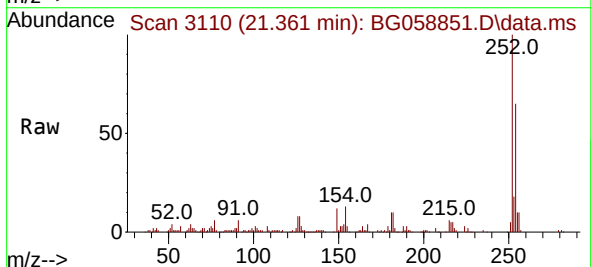
Tgt Ion:228 Resp: 363490
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.0 16.8 25.2

Manual Integrations
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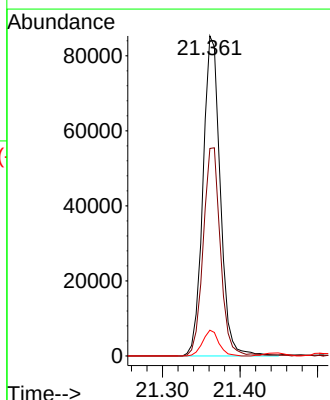
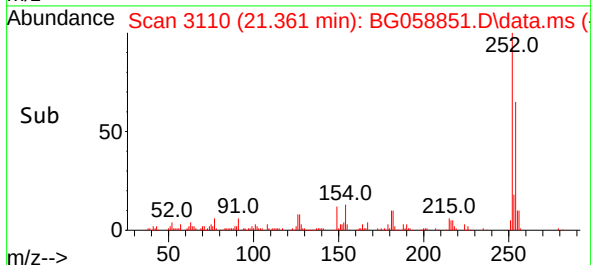
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

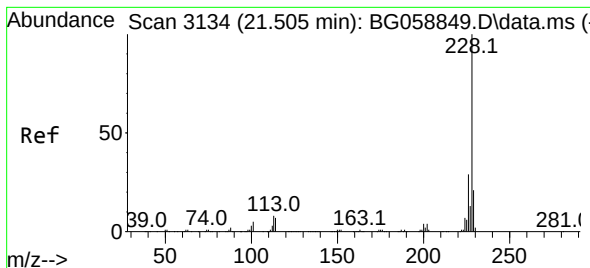


#82
3,3'-Dichlorobenzidine
Concen: 48.126 ng
RT: 21.361 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



Tgt Ion:252 Resp: 132047
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 8.1 6.6 9.8





#83

Chrysene

Concen: 44.323 ng

RT: 21.508 min Scan# 3134

Delta R.T. 0.003 min

Lab File: BG058851.D

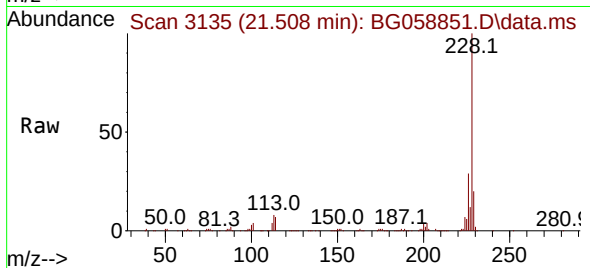
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS



Tgt Ion:228 Resp: 339530

Ion Ratio Lower Upper

228 100

226 28.9 24.4 36.6

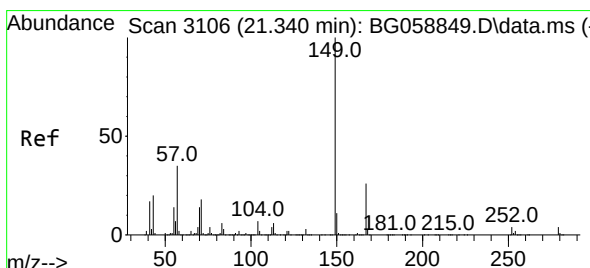
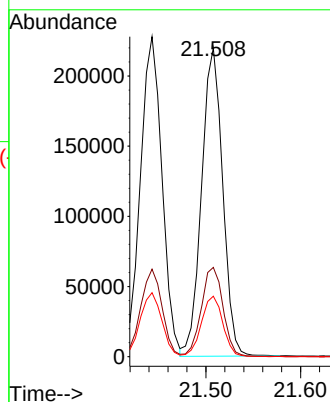
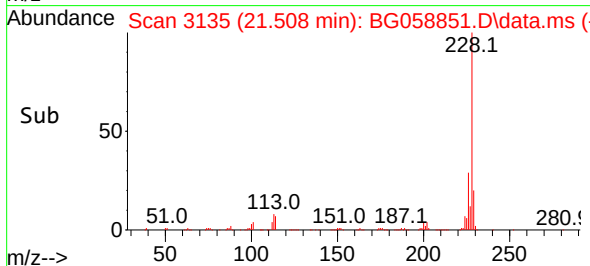
229 19.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.195 ng

RT: 21.343 min Scan# 3107

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

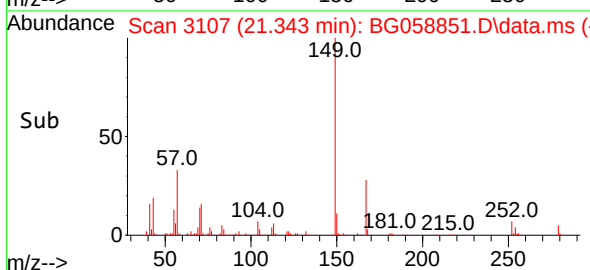
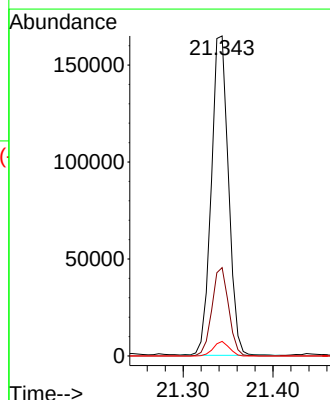
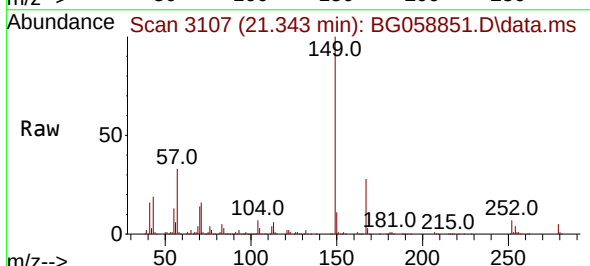
Tgt Ion:149 Resp: 218592

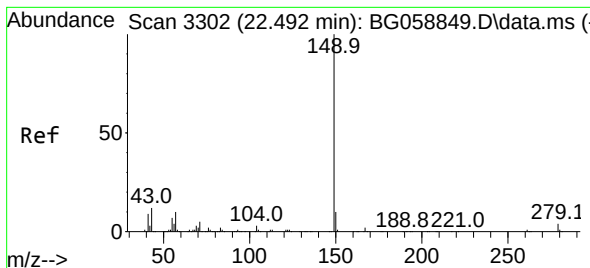
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

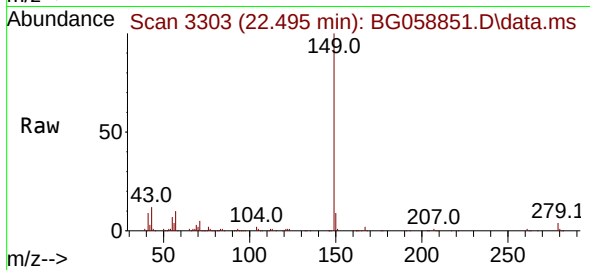
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 46.571 ng
RT: 22.495 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

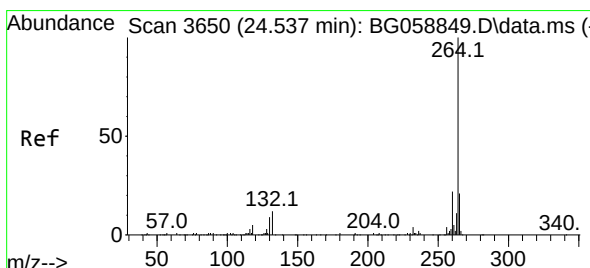
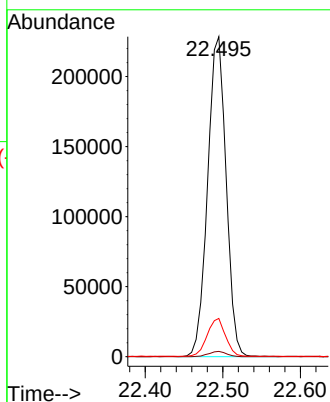
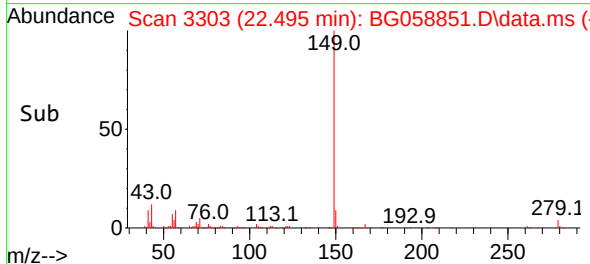
Instrument :
BNA_G
ClientSampleId :
PB155022BS



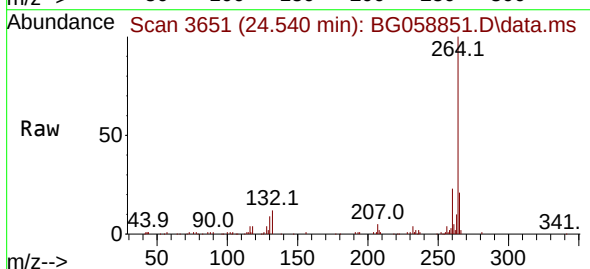
Tgt Ion:149 Resp: 37903
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.7 14.5

Manual Integrations
APPROVED

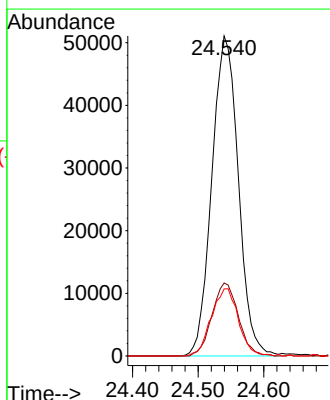
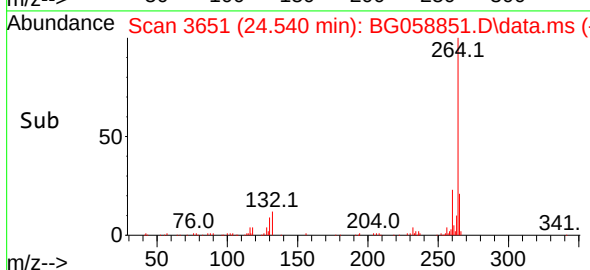
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023

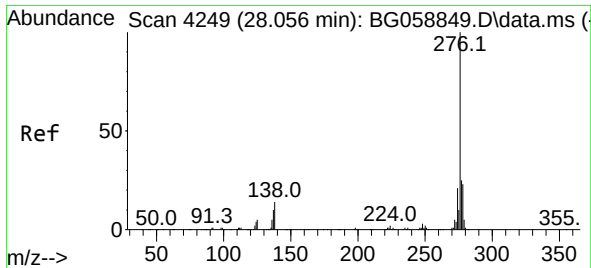


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.540 min Scan# 3651
Delta R.T. 0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35



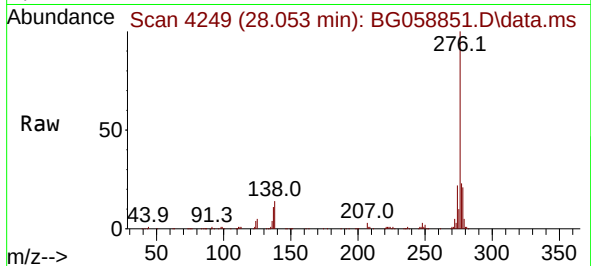
Tgt Ion:264 Resp: 142945
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 21.0 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.676 ng
RT: 28.053 min Scan# 4249
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

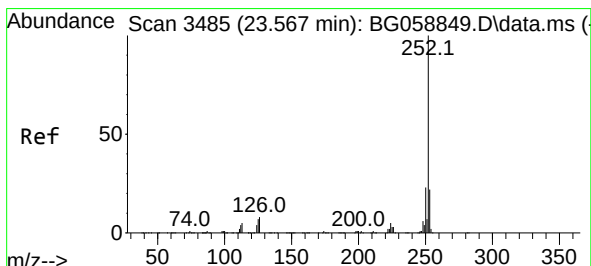
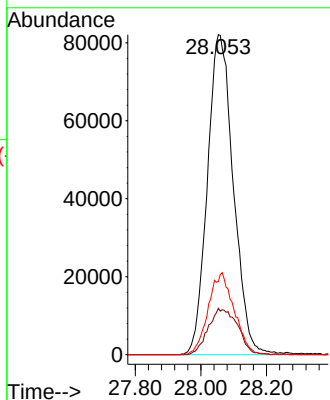
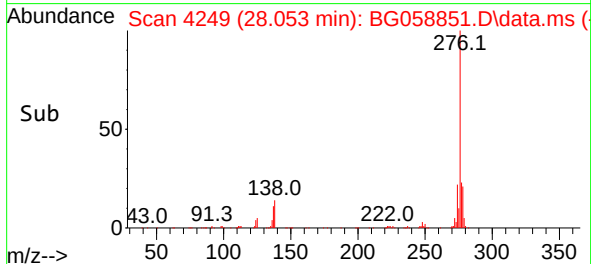
Instrument :
BNA_G
ClientSampleId :
PB155022BS



Tgt Ion:276 Resp: 451415
Ion Ratio Lower Upper
276 100
138 16.2 6.2 9.2
277 25.5 20.4 30.6

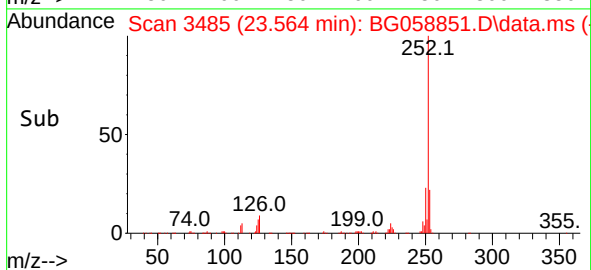
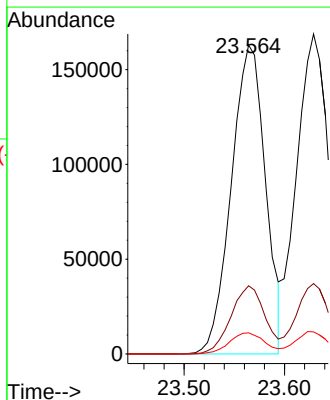
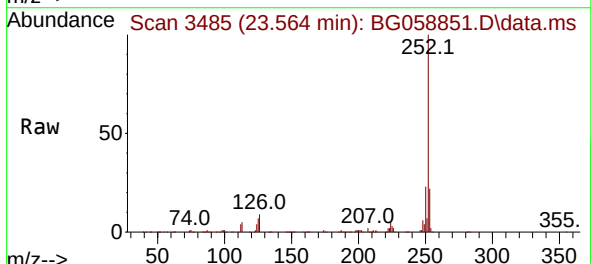
Manual Integrations
APPROVED

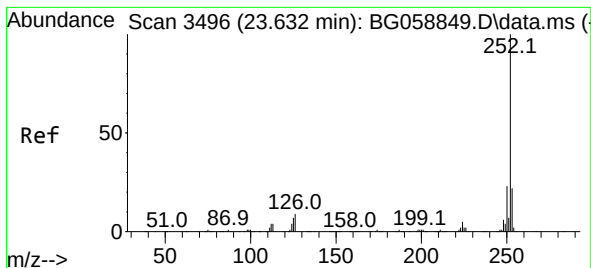
Reviewed By :Yogesh Patel 08/28/2023
Supervised By :mohammad ahmed 08/28/2023



#88
Benzo(b)fluoranthene
Concen: 48.612 ng
RT: 23.564 min Scan# 3485
Delta R.T. -0.003 min
Lab File: BG058851.D
Acq: 25 Aug 2023 15:35

Tgt Ion:252 Resp: 385560
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 6.8 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 46.867 ng

RT: 23.629 min Scan# 3496

Delta R.T. -0.003 min

Lab File: BG058851.D

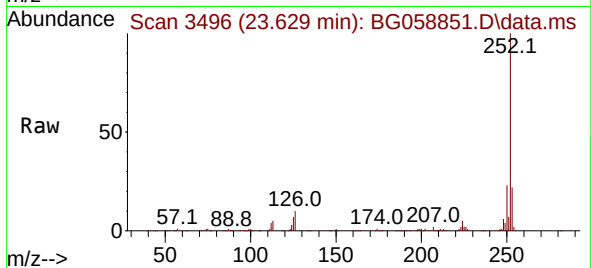
Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS



Tgt Ion:252 Resp: 383352

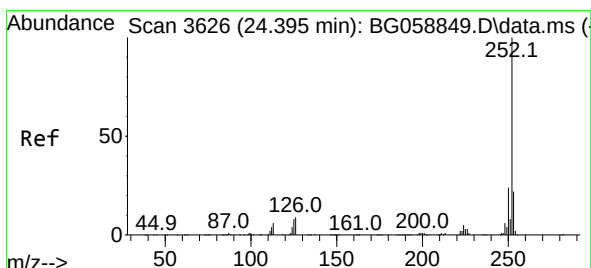
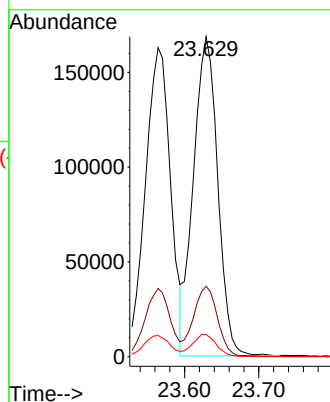
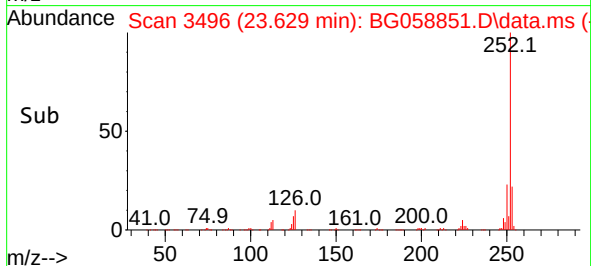
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.9	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#90

Benzo(a)pyrene

Concen: 44.386 ng

RT: 24.393 min Scan# 3626

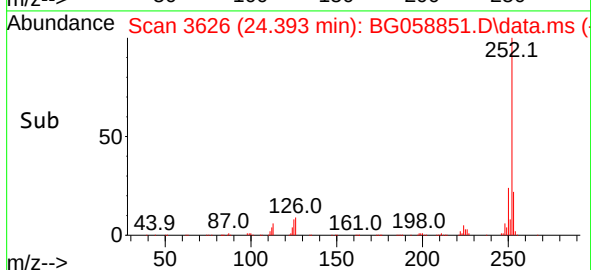
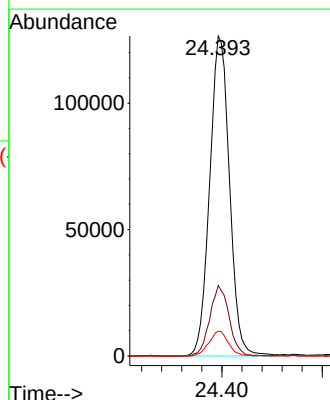
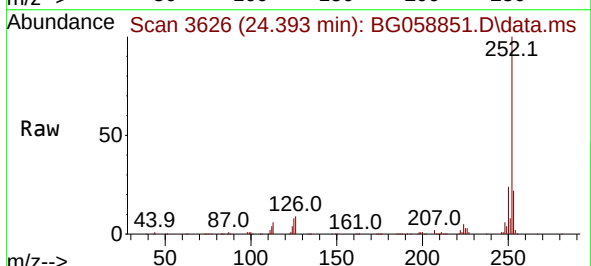
Delta R.T. -0.003 min

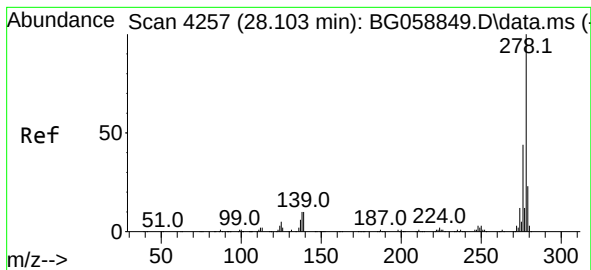
Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion:252 Resp: 346631

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	7.7	6.8	10.2





#91

Dibenzo(a,h)anthracene

Concen: 47.635 ng

RT: 28.106 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Instrument :

BNA_G

ClientSampleId :

PB155022BS

Tgt Ion:278 Resp: 378550

Ion Ratio Lower Upper

278 100

139 9.6 8.9 13.3

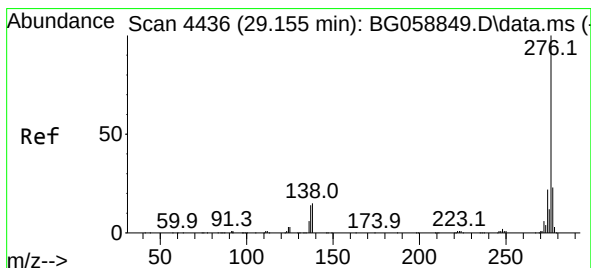
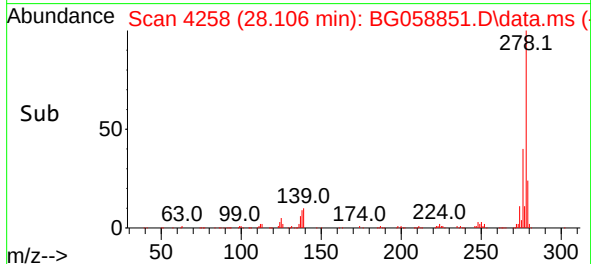
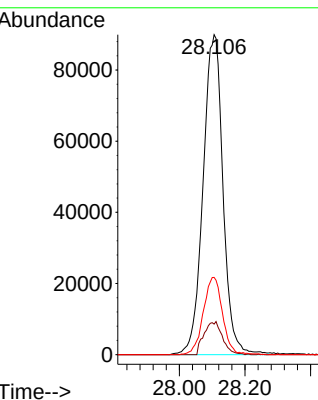
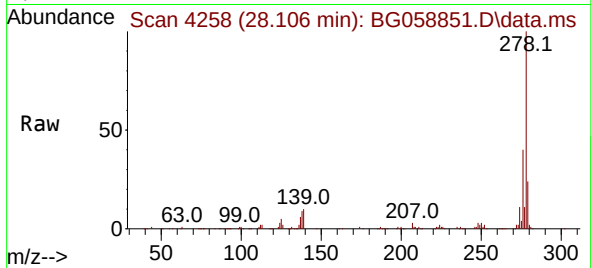
279 24.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2023

Supervised By :mohammad ahmed 08/28/2023



#92

Benzo(g,h,i)perylene

Concen: 46.579 ng

RT: 29.158 min Scan# 4437

Delta R.T. 0.003 min

Lab File: BG058851.D

Acq: 25 Aug 2023 15:35

Tgt Ion:276 Resp: 370089

Ion Ratio Lower Upper

276 100

277 24.5 17.8 26.6

138 15.2 11.1 16.7

