

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057903.D
 Acq On : 29 Jun 2023 13:57
 Operator : CG/JU
 Sample : PB153840BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153840BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 29 15:11:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	39393	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	186437	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	140615	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	358055	20.000	ng	0.00
76) Chrysene-d12	21.555	240	295348	20.000	ng	0.00
86) Perylene-d12	24.710	264	352643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	353435	137.272	ng	0.00
7) Phenol-d6	7.090	99	508784	132.148	ng	0.00
23) Nitrobenzene-d5	9.081	82	289424	76.079	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	262839	111.289	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	696913	75.633	ng	0.00
79) Terphenyl-d14	19.916	244	1332206	82.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	43211	36.616	ng	96
3) Pyridine	3.782	79	105474	30.972	ng	99
4) n-Nitrosodimethylamine	3.699	42	58985	42.022	ng	99
6) Aniline	7.242	93	133725	27.803	ng	99
8) 2-Chlorophenol	7.483	128	133953	51.826	ng	98
9) Benzaldehyde	7.054	77	49087m	21.982	ng	
10) Phenol	7.113	94	189489	50.647	ng	98
11) bis(2-Chloroethyl)ether	7.336	93	124009	43.965	ng	97
12) 1,3-Dichlorobenzene	7.806	146	122809	46.194	ng	99
13) 1,4-Dichlorobenzene	7.953	146	124917	46.779	ng	99
14) 1,2-Dichlorobenzene	8.276	146	122795	47.516	ng	98
15) Benzyl Alcohol	8.159	79	131079	46.209	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	208484	44.389	ng	99
17) 2-Methylphenol	8.364	107	131636	47.459	ng	98
18) Hexachloroethane	8.999	117	43999	47.285	ng	94
19) n-Nitroso-di-n-propyla...	8.723	70	108772	42.221	ng	98
20) 3+4-Methylphenols	8.688	107	182797	47.302	ng	99
22) Acetophenone	8.741	105	212972	41.045	ng	# 98
24) Nitrobenzene	9.122	77	154284	40.405	ng	99
25) Isophorone	9.645	82	318445	38.770	ng	98
26) 2-Nitrophenol	9.833	139	68305	43.899	ng	96
27) 2,4-Dimethylphenol	9.898	122	139113	46.372	ng	96
28) bis(2-Chloroethoxy)met...	10.127	93	183165	41.496	ng	100
29) 2,4-Dichlorophenol	10.374	162	139412	47.386	ng	98
30) 1,2,4-Trichlorobenzene	10.585	180	133398	42.117	ng	99
31) Naphthalene	10.773	128	404998	40.695	ng	99
32) Benzoic acid	10.039	122	107506	45.818	ng	99
33) 4-Chloroaniline	10.879	127	78222	16.706	ng	97
34) Hexachlorobutadiene	11.061	225	80375	41.143	ng	98
35) Caprolactam	11.661	113	55213m	43.303	ng	
36) 4-Chloro-3-methylphenol	12.007	107	174009	44.550	ng	99
37) 2-Methylnaphthalene	12.383	142	289839	39.508	ng	98
38) 1-Methylnaphthalene	12.601	142	276197	39.843	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	158025	40.169	ng	98
41) Hexachlorocyclopentadiene	12.730	237	192198	90.881	ng	98
43) 2,4,6-Trichlorophenol	12.988	196	127813	44.075	ng	100

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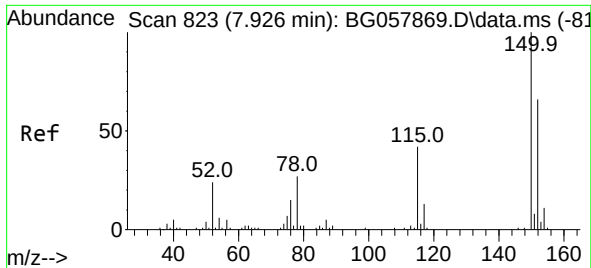
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 01:12:33 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	142561	41.305	ng	98
46) 1,1'-Biphenyl	13.394	154	394135	41.151	ng	99
47) 2-Chloronaphthalene	13.435	162	307458	41.800	ng	98
48) 2-Nitroaniline	13.641	65	121685	41.520	ng	90
49) Acenaphthylene	14.281	152	522820	40.531	ng	99
50) Dimethylphthalate	14.017	163	445631	39.985	ng	99
51) 2,6-Dinitrotoluene	14.134	165	96873	41.863	ng	99
52) Acenaphthene	14.622	154	301855	40.058	ng	99
53) 3-Nitroaniline	14.463	138	70891	26.948	ng	98
54) 2,4-Dinitrophenol	14.669	184	117672	92.044	ng	98
55) Dibenzofuran	14.957	168	509546	39.423	ng	99
56) 4-Nitrophenol	14.775	139	188993	87.628	ng	99
57) 2,4-Dinitrotoluene	14.922	165	142796	42.528	ng	93
58) Fluorene	15.609	166	412397	39.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	134923	43.123	ng	100
60) Diethylphthalate	15.374	149	469225	39.941	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	222612	39.784	ng	98
62) 4-Nitroaniline	15.632	138	108931	39.476	ng	96
63) Azobenzene	15.891	77	444558	39.571	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	86698	44.996	ng	96
66) n-Nitrosodiphenylamine	15.815	169	383505	41.970	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	154583	40.899	ng	97
68) Hexachlorobenzene	16.608	284	170328	42.676	ng	99
69) Atrazine	16.761	200	148729	43.827	ng	98
70) Pentachlorophenol	16.954	266	239550	78.482	ng	100
71) Phenanthrene	17.348	178	711439	41.392	ng	99
72) Anthracene	17.436	178	729209	41.136	ng	100
73) Carbazole	17.706	167	707221	41.959	ng	99
74) Di-n-butylphthalate	18.265	149	871236	41.822	ng	100
75) Fluoranthene	19.357	202	866719	40.027	ng	99
77) Benzidine	19.534	184	257177	37.115	ng	99
78) Pyrene	19.716	202	885129	41.971	ng	100
80) Butylbenzylphthalate	20.603	149	365690	42.763	ng	98
81) Benzo(a)anthracene	21.537	228	847849	41.482	ng	100
82) 3,3'-Dichlorobenzidine	21.455	252	274045	37.681	ng	98
83) Chrysene	21.602	228	787332	40.696	ng	99
84) Bis(2-ethylhexyl)phtha...	21.443	149	513928	42.328	ng	100
85) Di-n-octyl phthalate	22.630	149	921578	43.013	ng	97
87) Indeno(1,2,3-cd)pyrene	28.312	276	1050507	44.968	ng	# 94
88) Benzo(b)fluoranthene	23.705	252	883384	45.929	ng	99
89) Benzo(k)fluoranthene	23.776	252	860109	44.246	ng	99
90) Benzo(a)pyrene	24.557	252	788674	41.394	ng	99
91) Dibenzo(a,h)anthracene	28.365	278	878820	45.350	ng	99
92) Benzo(g,h,i)perylene	29.434	276	864522	44.889	ng	99

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



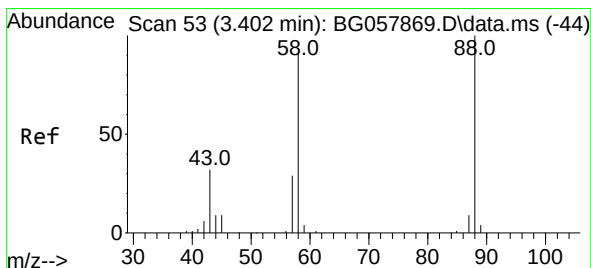
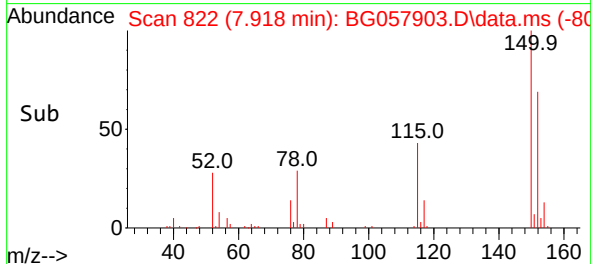
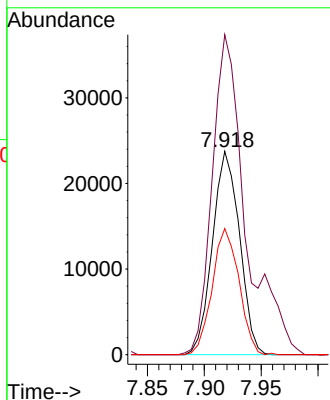
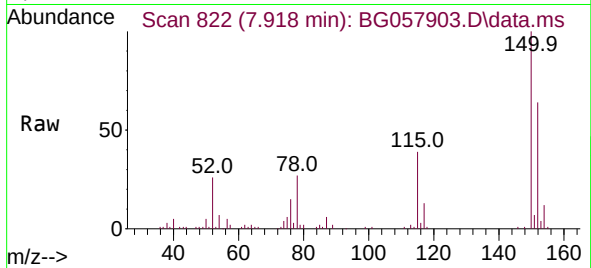
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :
BNA_G
ClientSampleId :
PB153840BS

Tgt Ion:152 Resp: 3939
Ion Ratio Lower Upper
152 100
150 157.4 122.0 183.0
115 62.0 50.7 76.1

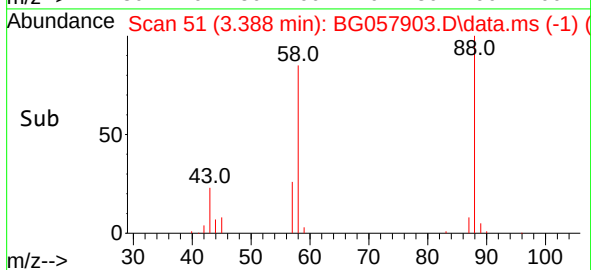
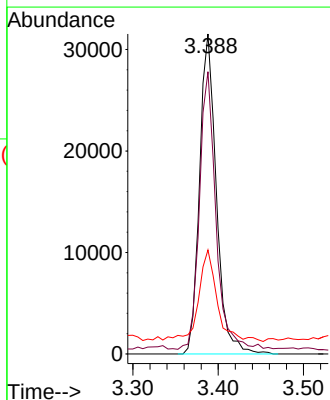
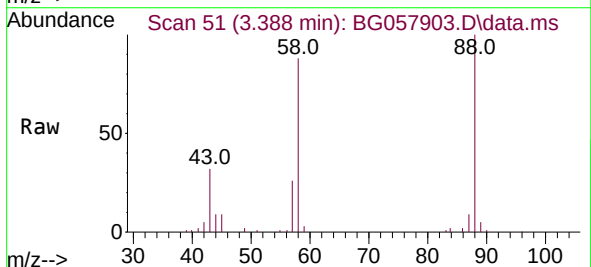
Manual Integrations
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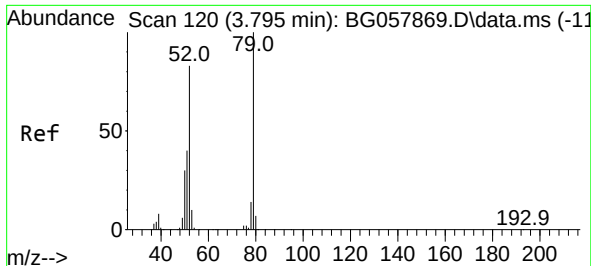
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#2
1,4-Dioxane
Concen: 36.616 ng
RT: 3.388 min Scan# 51
Delta R.T. -0.014 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion: 88 Resp: 43211
Ion Ratio Lower Upper
88 100
58 85.0 70.7 106.1
43 31.8 22.9 34.3





#3
Pyridine
Concen: 30.972 ng
RT: 3.782 min Scan# 118
Delta R.T. -0.014 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

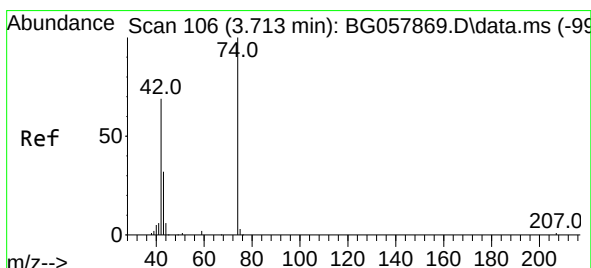
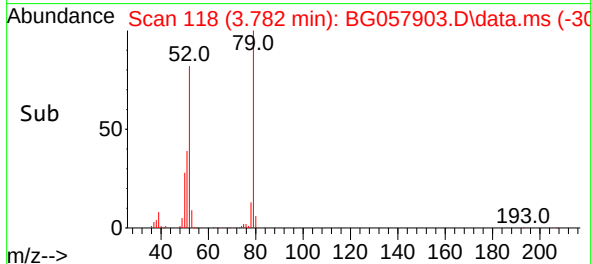
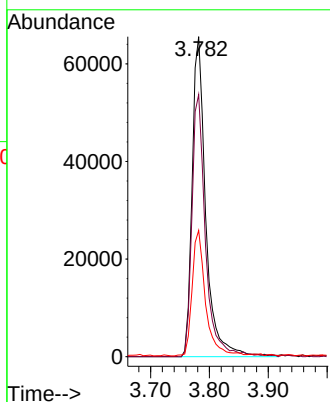
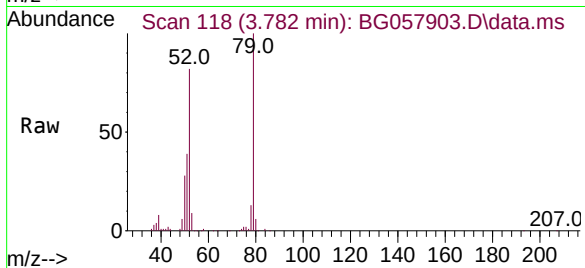
PB153840BS

Tgt Ion: 79 Resp: 105474
Ion Ratio Lower Upper
79 100
52 81.9 66.6 99.8
51 39.5 32.2 48.2

Manual Integrations

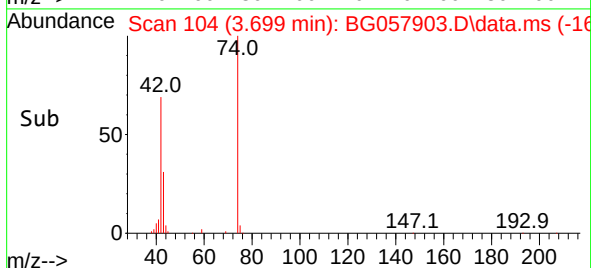
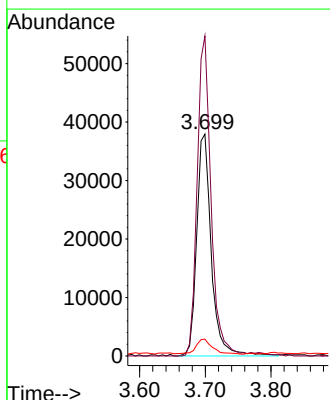
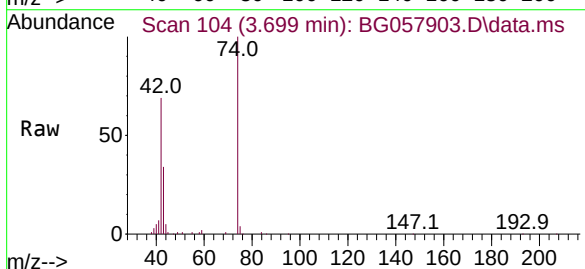
APPROVED

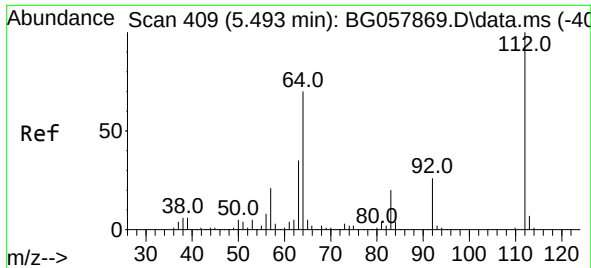
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#4
n-Nitrosodimethylamine
Concen: 42.022 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.014 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion: 42 Resp: 58985
Ion Ratio Lower Upper
42 100
74 144.2 116.2 174.2
44 7.6 7.3 10.9





#5
2-Fluorophenol
Concen: 137.272 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

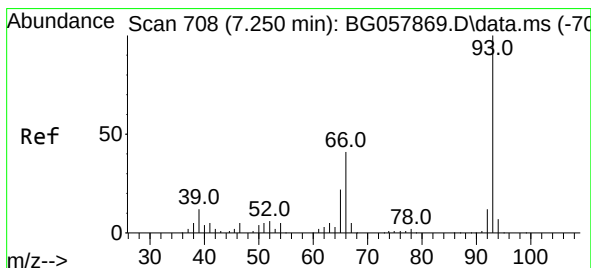
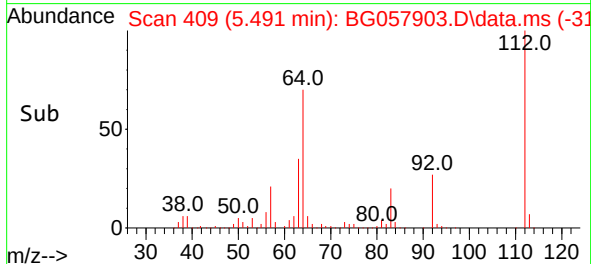
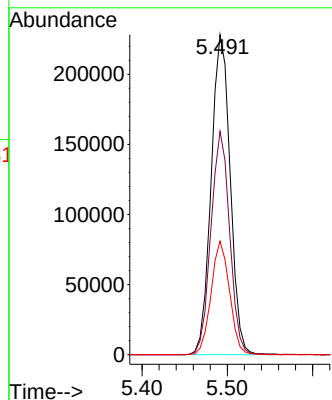
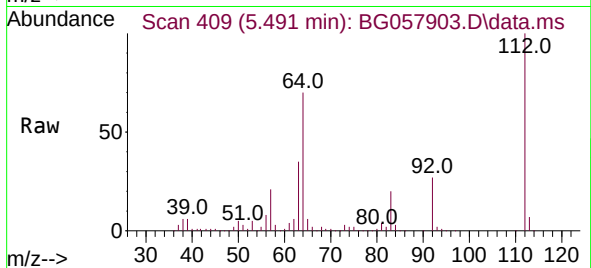
PB153840BS

Tgt Ion:112 Resp: 35343
Ion Ratio Lower Upper
112 100
64 69.8 55.8 83.6
63 35.5 27.9 41.9

Manual Integrations

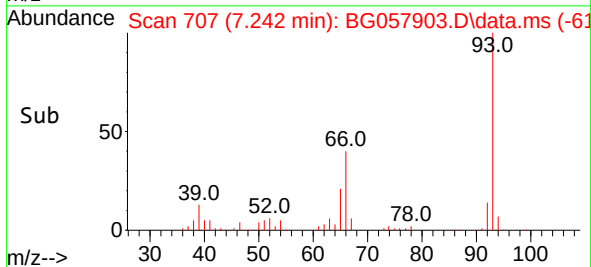
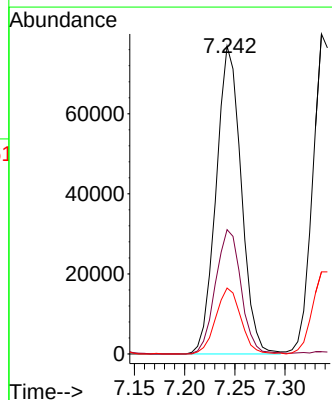
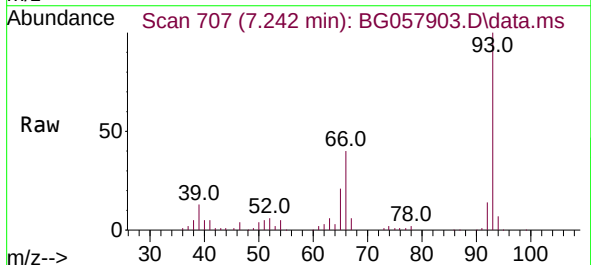
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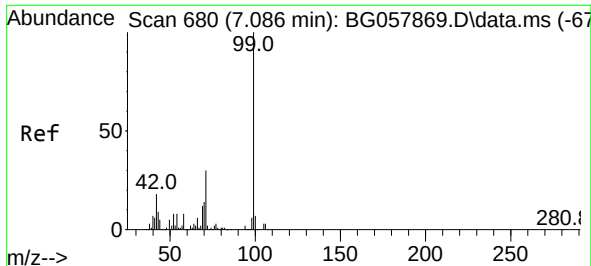
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#6
Aniline
Concen: 27.803 ng
RT: 7.242 min Scan# 707
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

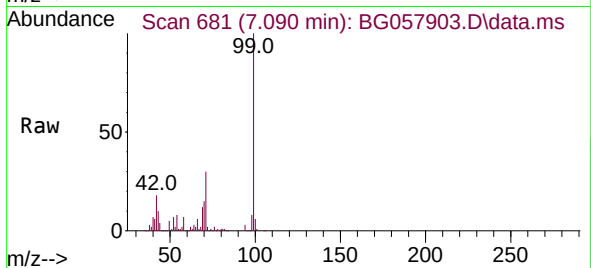
Tgt Ion: 93 Resp: 133725
Ion Ratio Lower Upper
93 100
66 40.4 32.8 49.2
65 21.4 17.7 26.5





#7
Phenol-d6
Concen: 132.148 ng
RT: 7.090 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

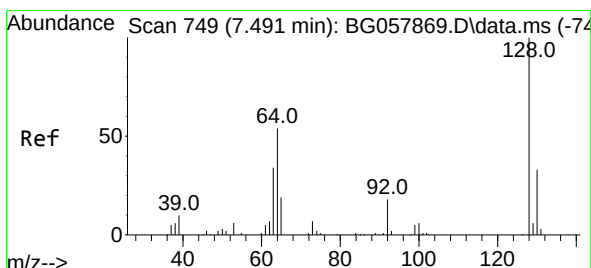
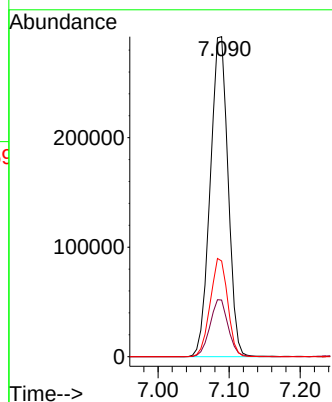
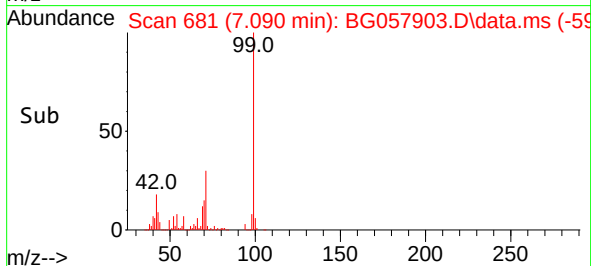
Instrument :
BNA_G
ClientSampleId :
PB153840BS



Tgt Ion: 99 Resp: 508784
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 29.9 23.9 35.9

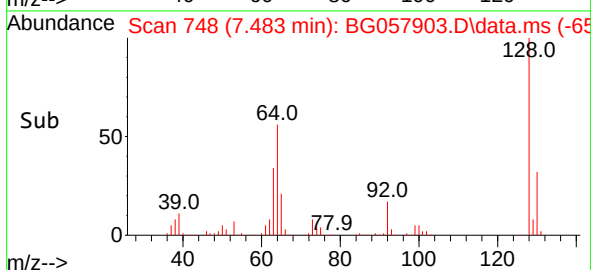
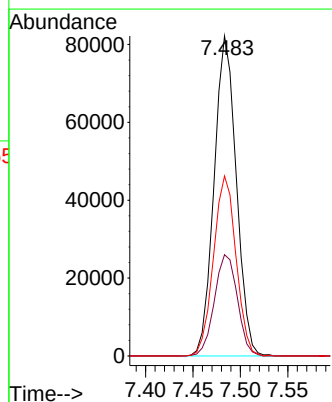
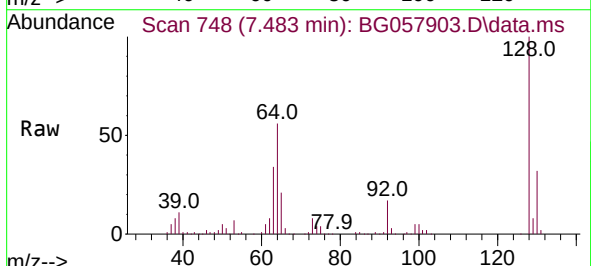
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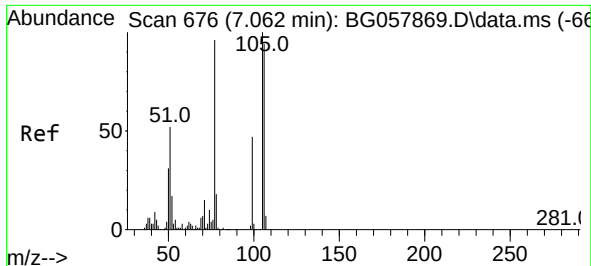
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#8
2-Chlorophenol
Concen: 51.826 ng
RT: 7.483 min Scan# 748
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:128 Resp: 133953
Ion Ratio Lower Upper
128 100
130 31.6 12.9 52.9
64 56.2 37.1 77.1





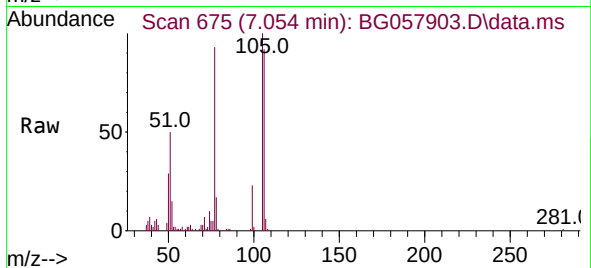
#9
Benzaldehyde
Concen: 21.982 ng m
RT: 7.054 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS



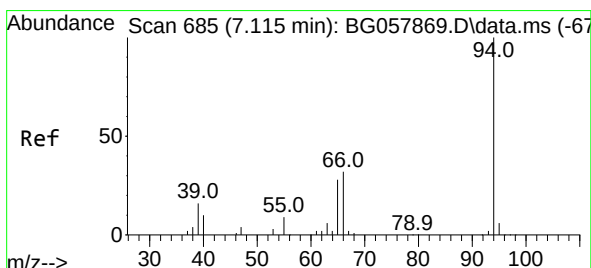
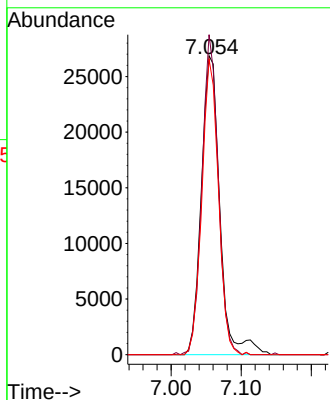
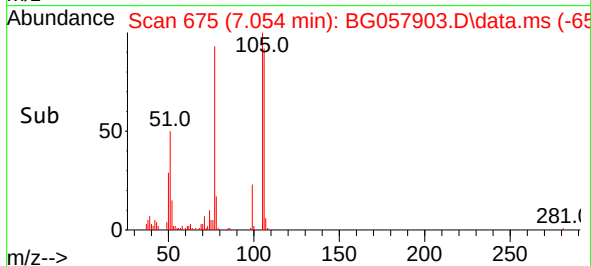
Tgt Ion: 77 Resp: 4908
Ion Ratio Lower Upper
77 100
105 107.1 83.7 123.7
106 98.8 77.4 117.4

Manual Integrations

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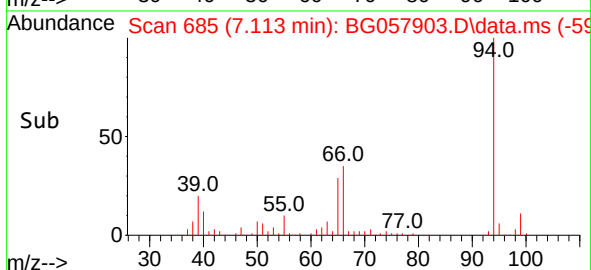
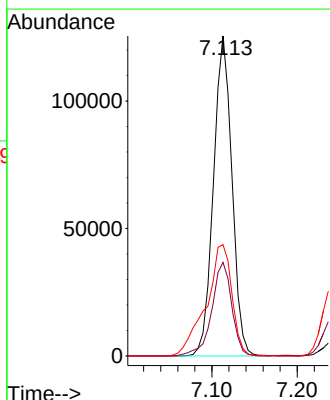
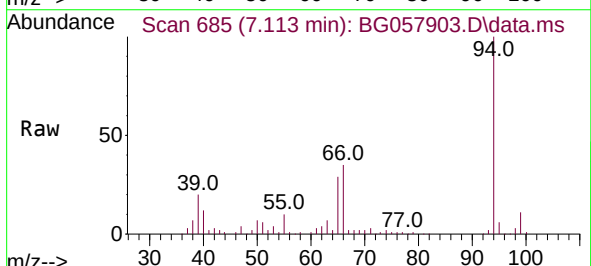
Reviewed By :Yogesh Patel 06/30/2023

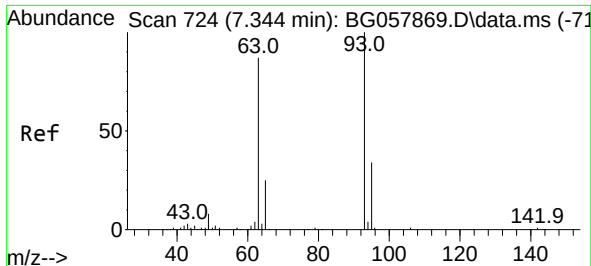
Supervised By :mohammad ahmed 07/07/2023



#10
Phenol
Concen: 50.647 ng
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion: 94 Resp: 189489
Ion Ratio Lower Upper
94 100
65 29.2 7.8 47.8
66 34.8 13.6 53.6





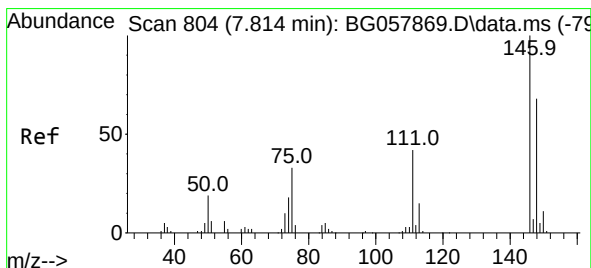
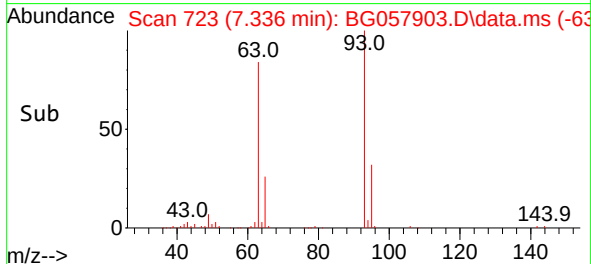
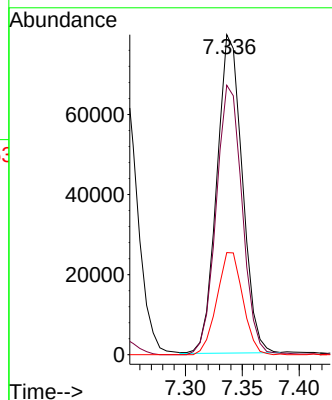
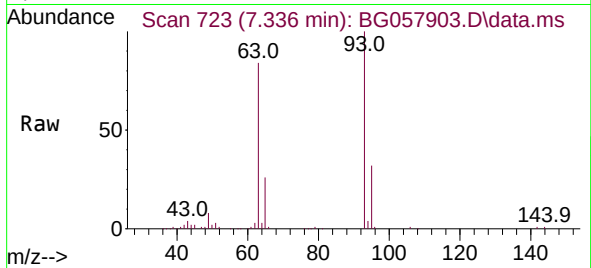
#11
bis(2-Chloroethyl)ether
Concen: 43.965 ng
RT: 7.336 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :
BNA_G
ClientSampleId :
PB153840BS

Tgt Ion: 93 Resp: 124009
Ion Ratio Lower Upper
93 100
63 84.2 66.9 106.9
95 31.9 13.6 53.6

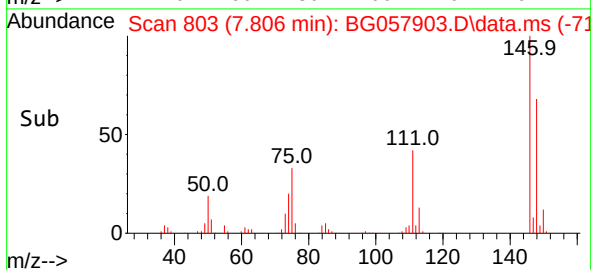
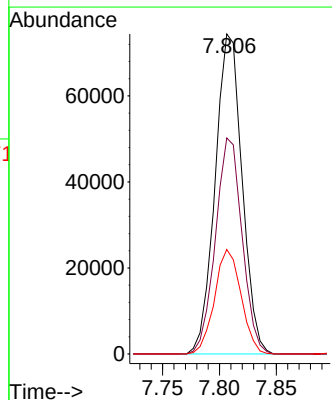
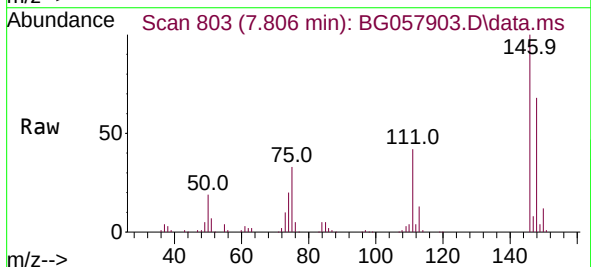
Manual Integrations
APPROVED

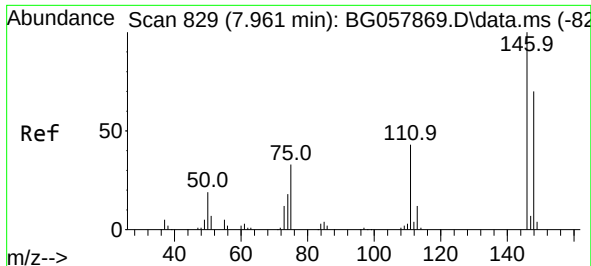
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#12
1,3-Dichlorobenzene
Concen: 46.194 ng
RT: 7.806 min Scan# 803
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

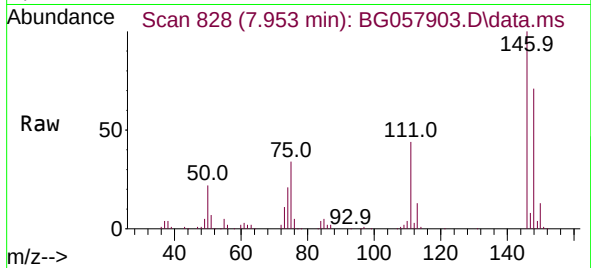
Tgt Ion:146 Resp: 122809
Ion Ratio Lower Upper
146 100
148 67.5 54.5 81.7
75 32.7 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 46.779 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

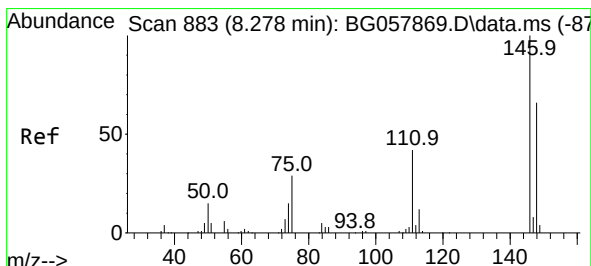
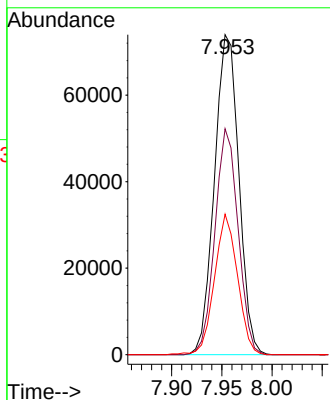
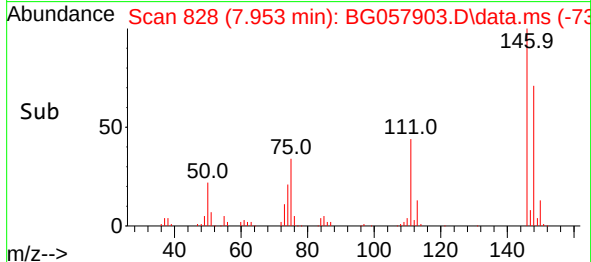
Instrument :
BNA_G
ClientSampleId :
PB153840BS



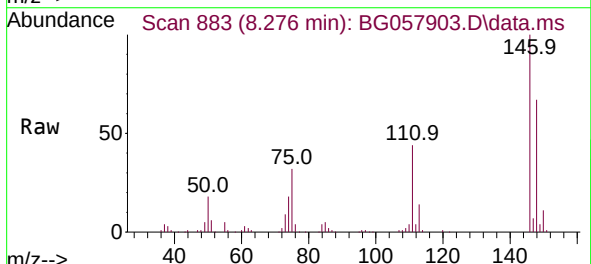
Tgt Ion:146 Resp: 12491
Ion Ratio Lower Upper
146 100
148 70.6 55.7 83.5
111 43.9 34.7 52.1

Manual Integrations
APPROVED

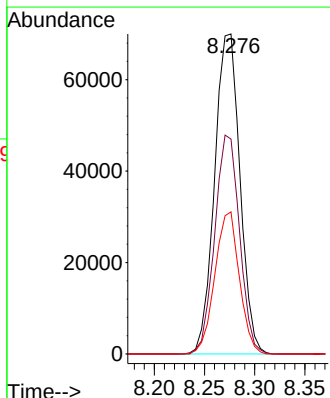
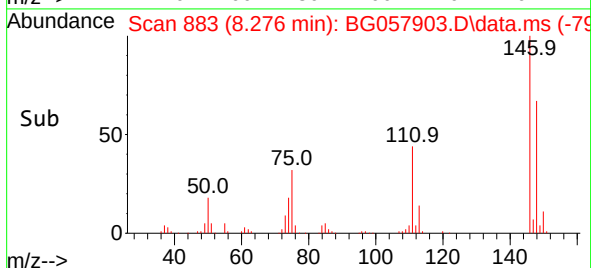
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

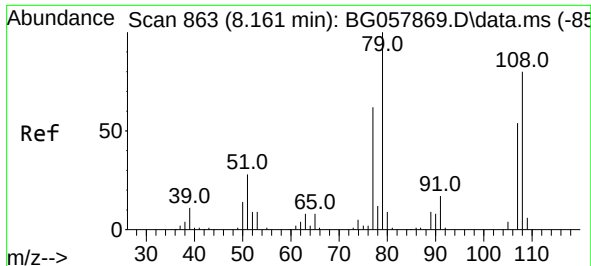


#14
1,2-Dichlorobenzene
Concen: 47.516 ng
RT: 8.276 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:146 Resp: 122795
Ion Ratio Lower Upper
146 100
148 67.1 53.0 79.6
111 44.4 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.209 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

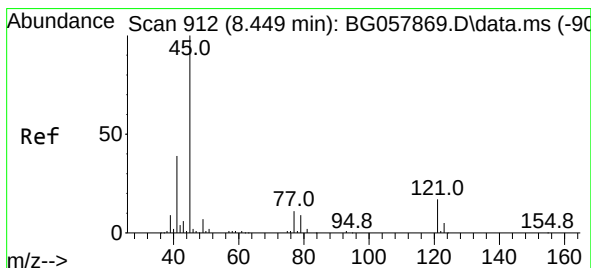
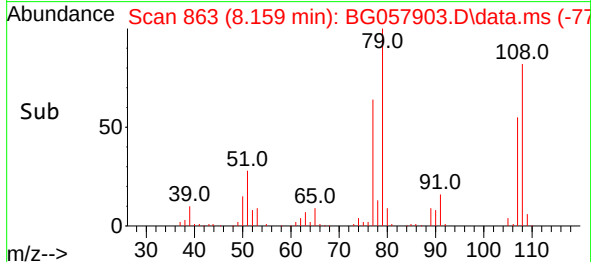
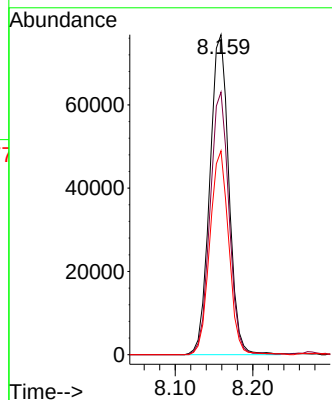
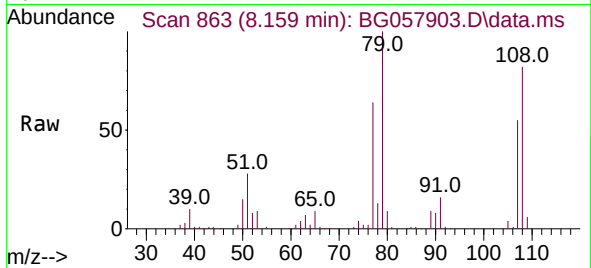
ClientSampleId :

PB153840BS

Tgt Ion: 79 Resp: 131079
Ion Ratio Lower Upper
79 100
108 82.1 64.0 96.0
77 63.7 49.6 74.4

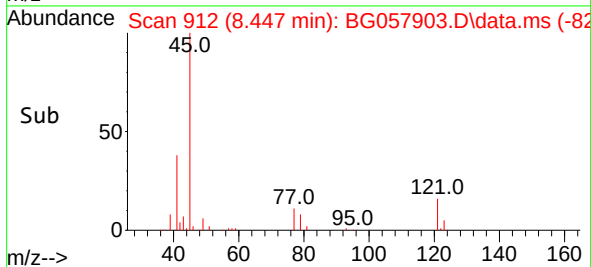
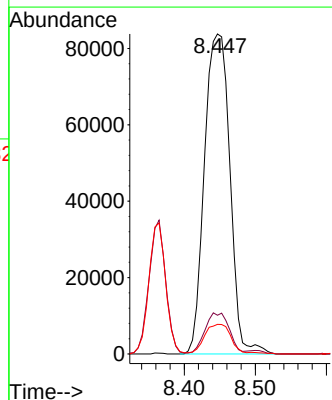
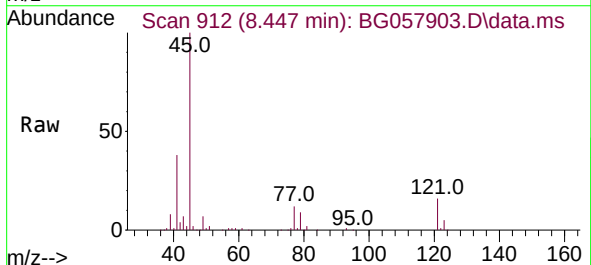
Manual Integrations
APPROVED

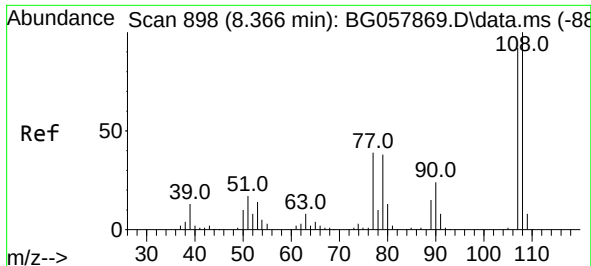
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.389 ng
RT: 8.447 min Scan# 912
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

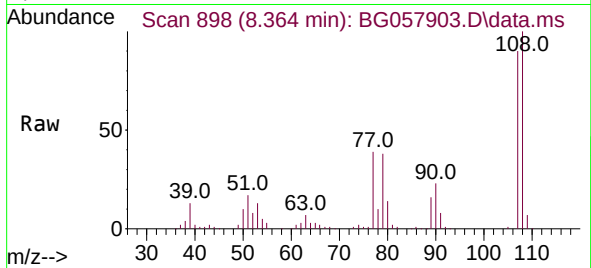
Tgt Ion: 45 Resp: 208484
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.1
79 9.2 0.0 29.8





#17
2-Methylphenol
Concen: 47.459 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

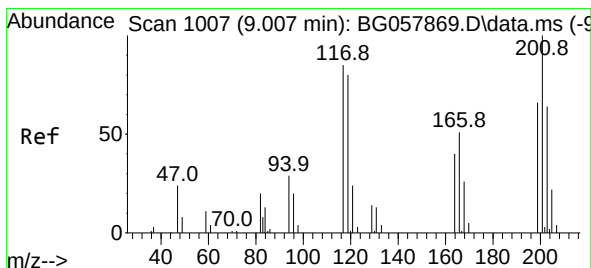
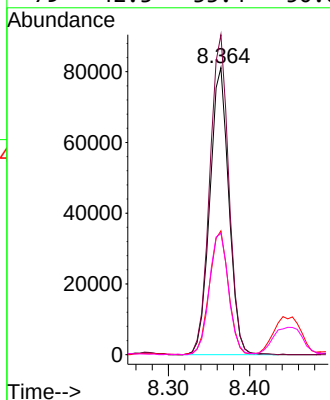
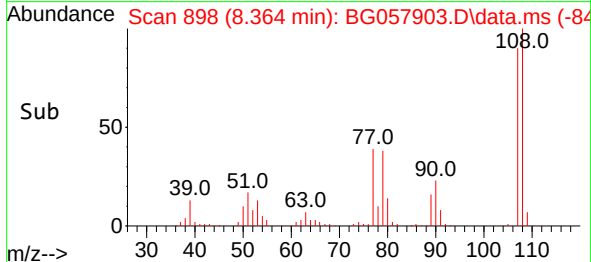
Instrument :
BNA_G
ClientSampleId :
PB153840BS



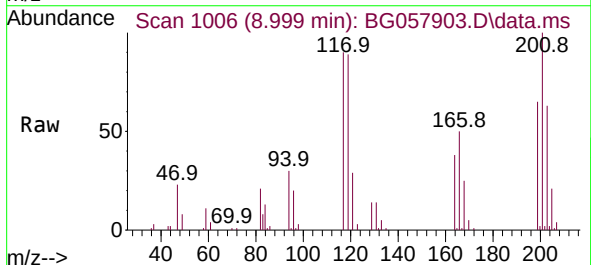
Tgt Ion:107 Resp: 131630
Ion Ratio Lower Upper
107 100
108 111.5 87.2 130.8
77 43.2 34.2 51.4
79 42.3 33.4 50.0

Manual Integrations
APPROVED

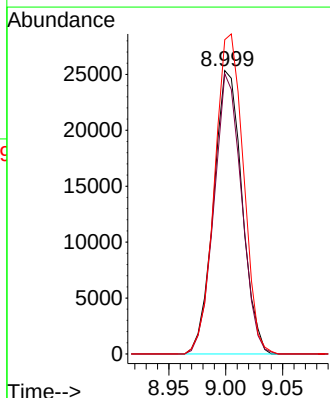
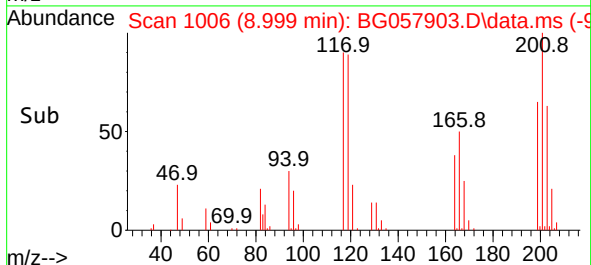
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

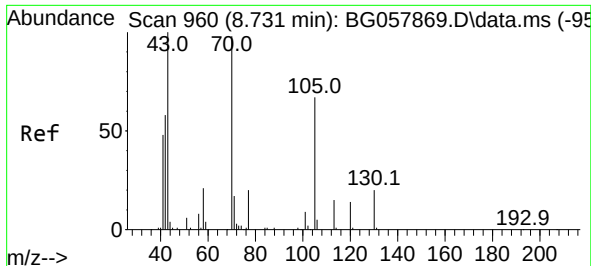


#18
Hexachloroethane
Concen: 47.285 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:117 Resp: 43999
Ion Ratio Lower Upper
117 100
119 98.9 74.7 112.1
201 110.9 93.9 140.9





#19
n-Nitroso-di-n-propylamine
Concen: 42.221 ng
RT: 8.723 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

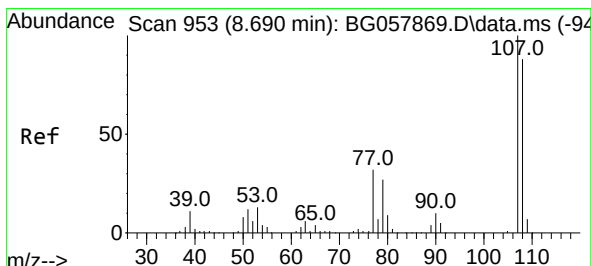
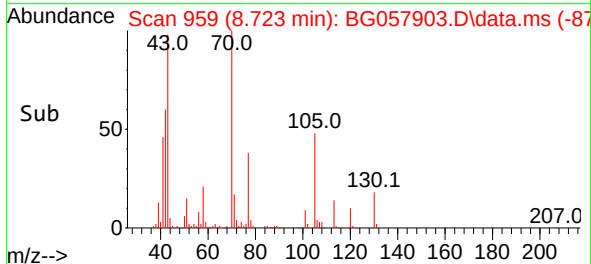
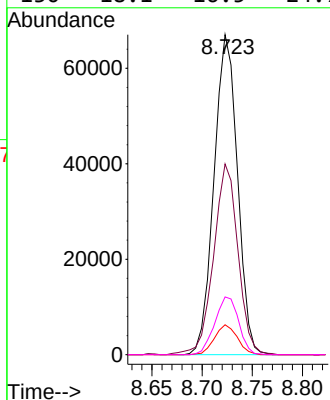
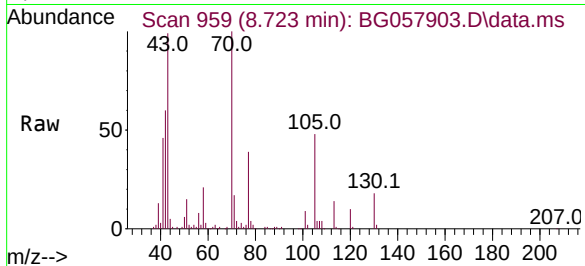
ClientSampleId :

PB153840BS

Tgt Ion: 70 Resp: 108772
Ion Ratio Lower Upper
70 100
42 59.6 48.4 72.6
101 9.3 7.2 10.8
130 18.1 16.5 24.7

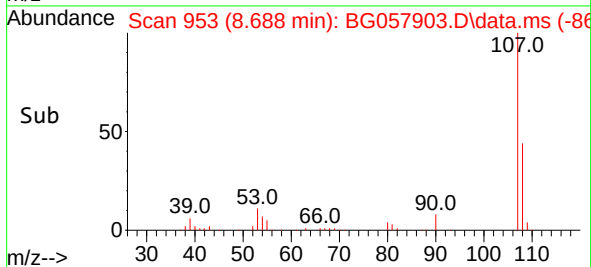
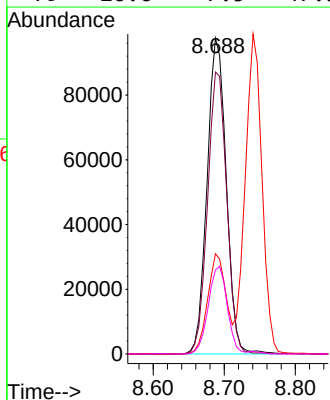
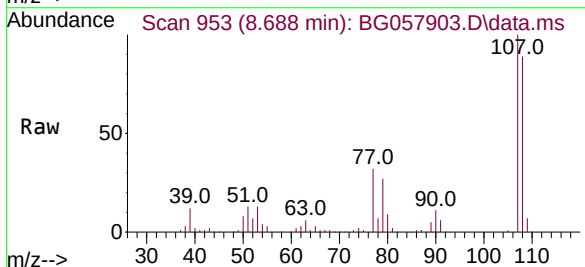
Manual Integrations
APPROVED

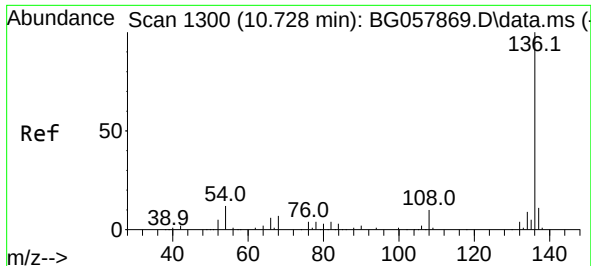
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#20
3+4-Methylphenols
Concen: 47.302 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:107 Resp: 182797
Ion Ratio Lower Upper
107 100
108 89.2 67.7 107.7
77 31.7 11.8 51.8
79 26.6 7.5 47.5





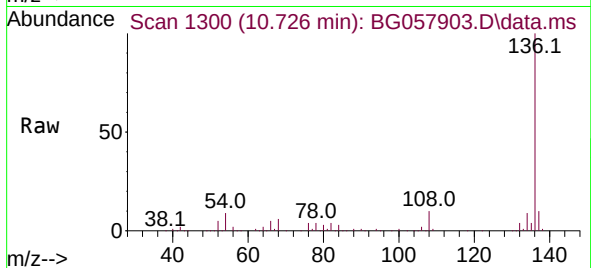
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1111
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS



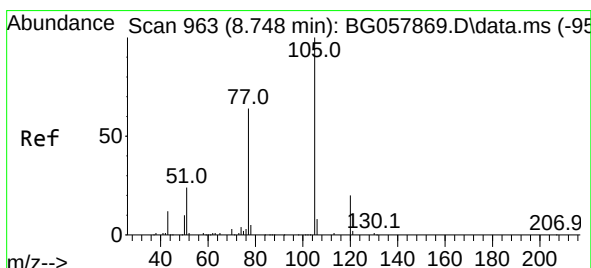
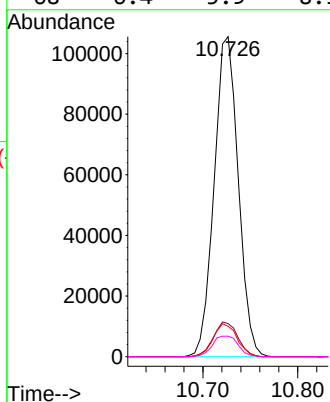
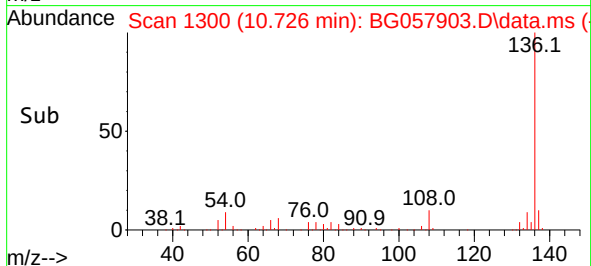
Tgt Ion:136 Resp: 186437
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.5 9.3 13.9
68 6.4 5.9 8.9

Manual Integrations

APPROVED

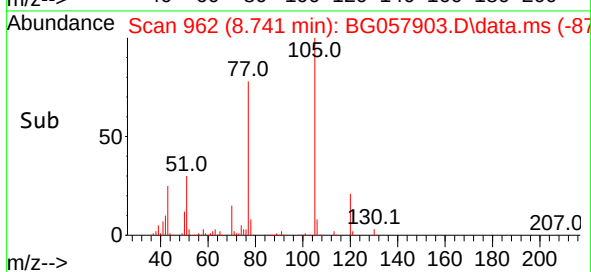
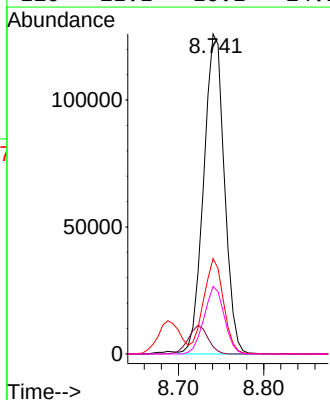
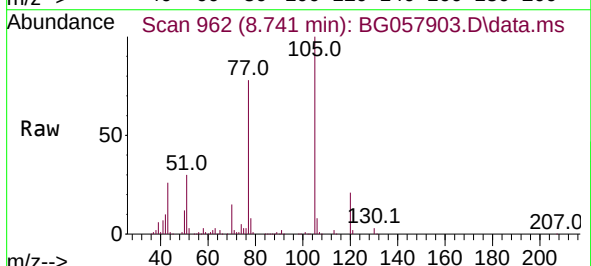
Reviewed By :Yogesh Patel 06/30/2023

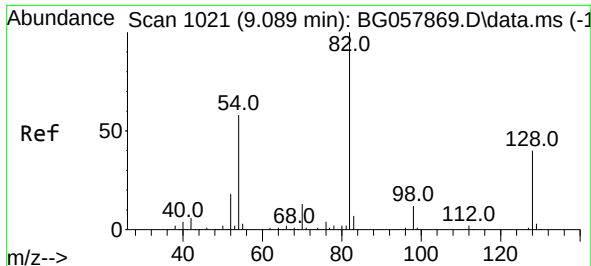
Supervised By :mohammad ahmed 07/07/2023



#22
Acetophenone
Concen: 41.045 ng
RT: 8.741 min Scan# 962
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:105 Resp: 212972
Ion Ratio Lower Upper
105 100
71 2.3 1.1 1.7#
51 29.8 23.0 34.6
120 21.1 16.1 24.1





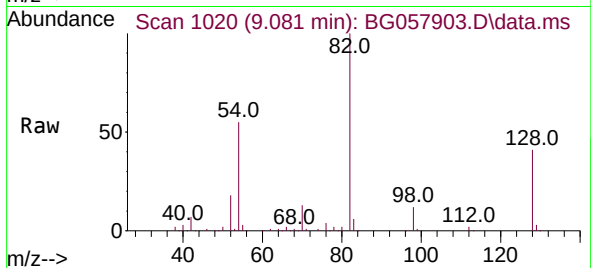
#23
Nitrobenzene-d5
Concen: 76.079 ng
RT: 9.081 min Scan# 1021
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS



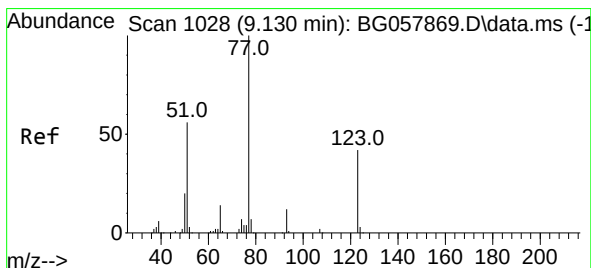
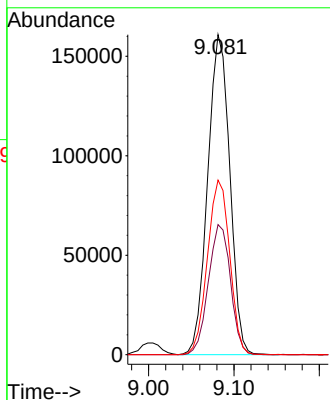
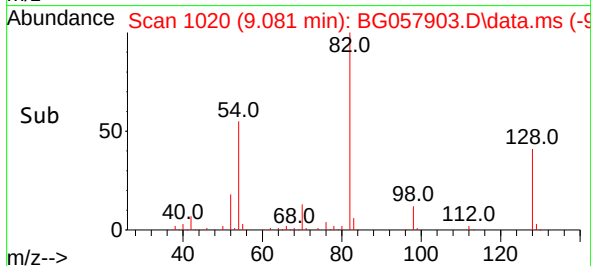
Tgt Ion: 82 Resp: 289424
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.4
54 54.5 46.1 69.1

Manual Integrations

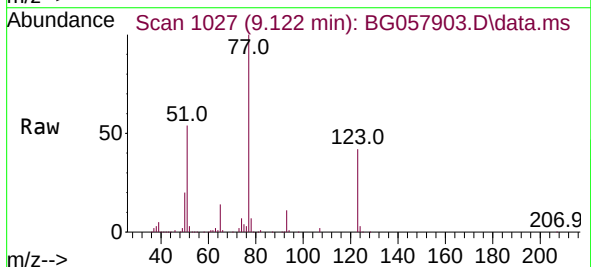
APPROVED

Reviewed By :Yogesh Patel 06/30/2023

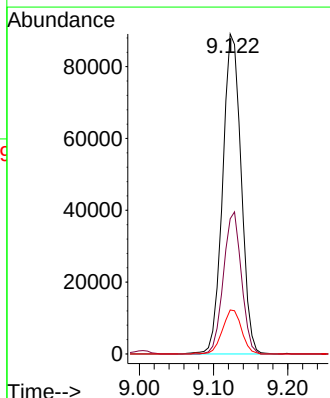
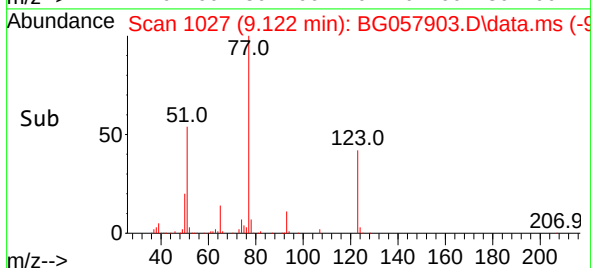
Supervised By :mohammad ahmed 07/07/2023

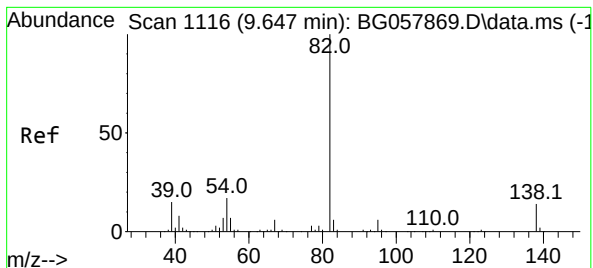


#24
Nitrobenzene
Concen: 40.405 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion: 77 Resp: 154284
Ion Ratio Lower Upper
77 100
123 42.2 33.6 50.4
65 13.7 11.4 17.0





#25

Isophorone

Concen: 38.770 ng

RT: 9.645 min Scan# 1116

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Tgt Ion: 82 Resp: 31844

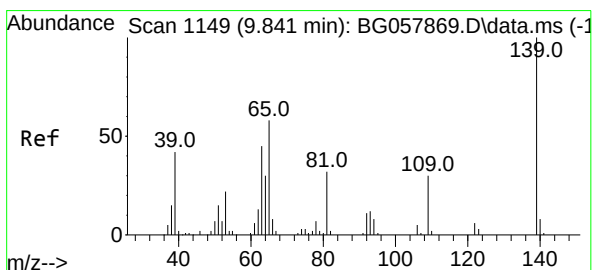
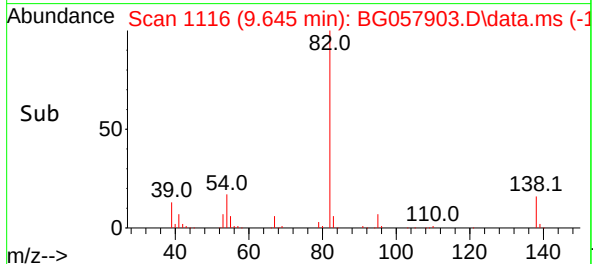
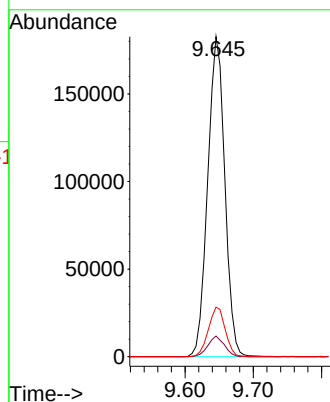
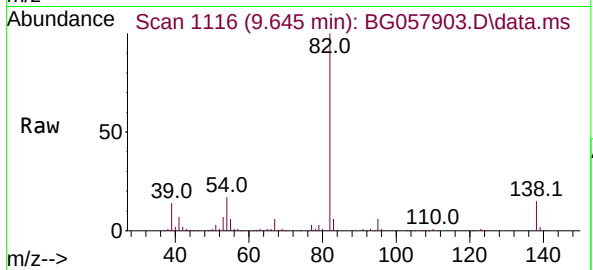
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.0	7.6
138	15.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#26

2-Nitrophenol

Concen: 43.899 ng

RT: 9.833 min Scan# 1148

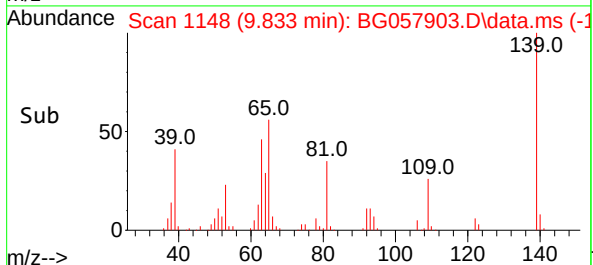
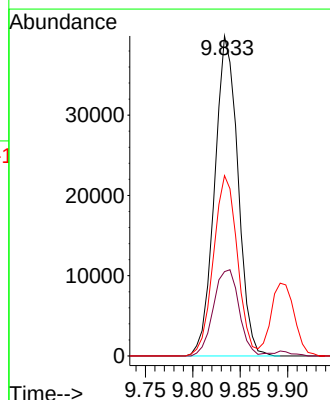
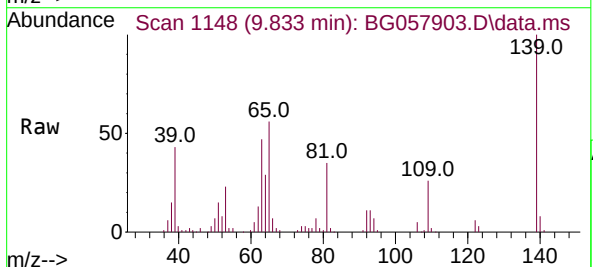
Delta R.T. -0.008 min

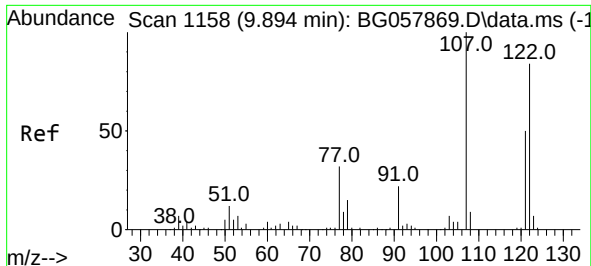
Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Tgt Ion:139 Resp: 68305

Ion	Ratio	Lower	Upper
139	100		
109	26.4	23.7	35.5
65	56.4	46.6	69.8





#27

2,4-Dimethylphenol

Concen: 46.372 ng

RT: 9.898 min Scan# 1158

Delta R.T. 0.004 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Tgt Ion:122 Resp: 13911

Ion Ratio Lower Upper

122 100

107 124.1 94.9 142.3

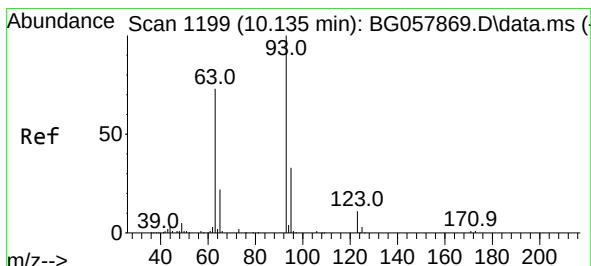
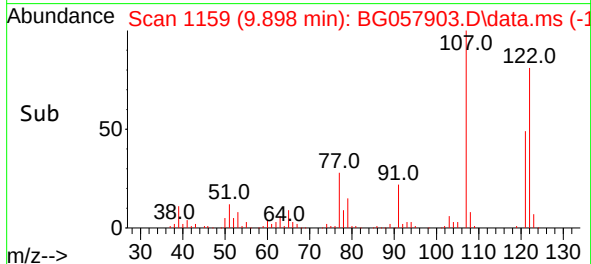
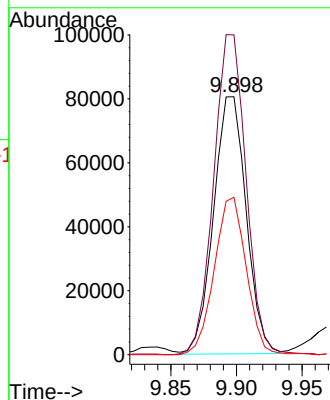
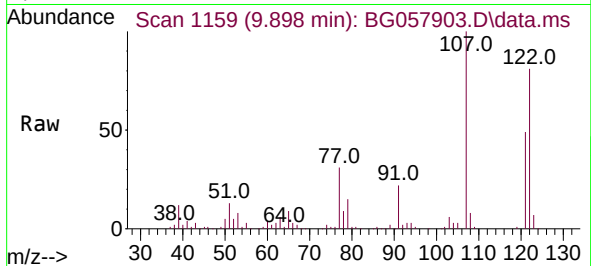
121 61.1 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.496 ng

RT: 10.127 min Scan# 1198

Delta R.T. -0.008 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

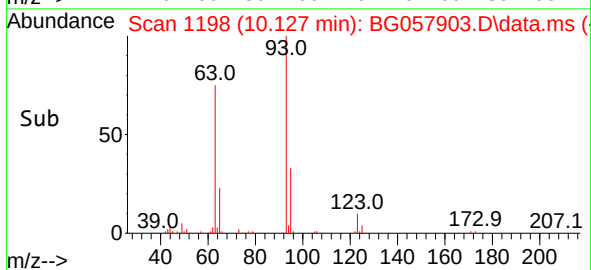
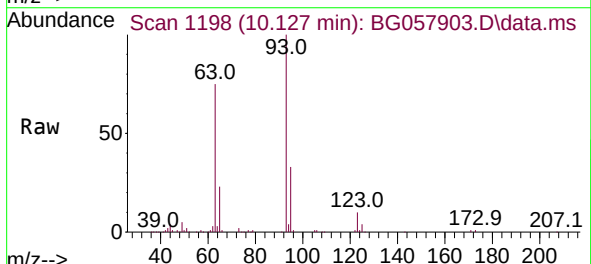
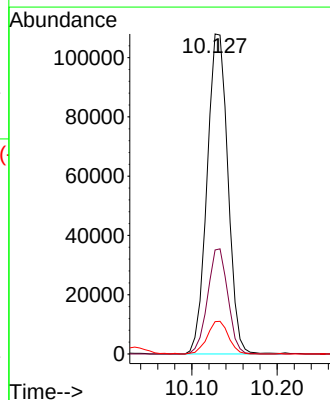
Tgt Ion: 93 Resp: 183165

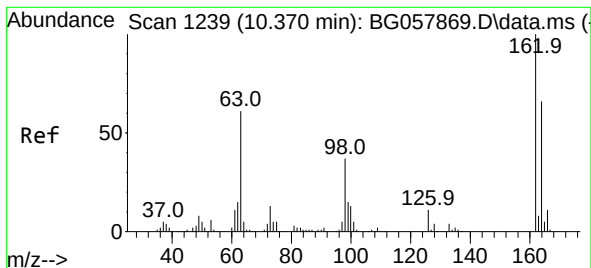
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 10.1 8.5 12.7





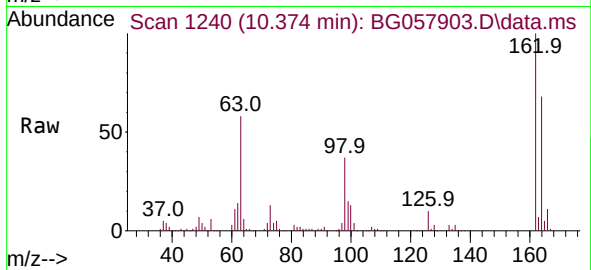
#29
2,4-Dichlorophenol
Concen: 47.386 ng
RT: 10.374 min Scan# 1239
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

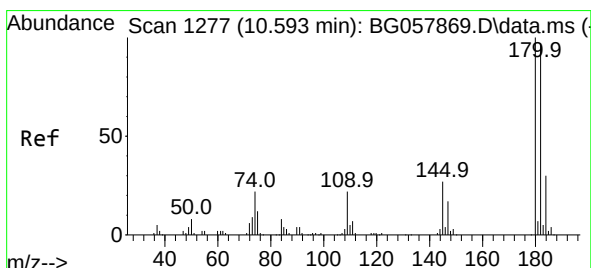
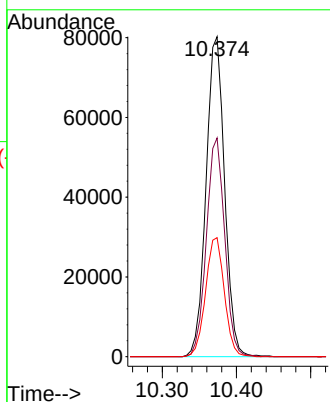
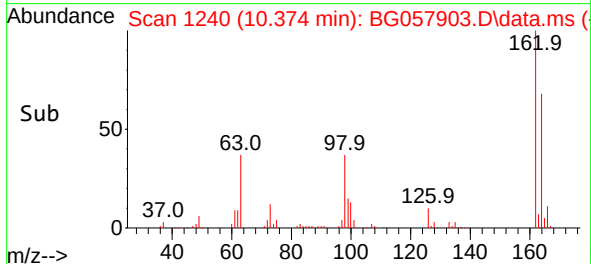


Tgt Ion:162 Resp: 139412
Ion Ratio Lower Upper
162 100
164 68.3 46.1 86.1
98 37.2 16.8 56.8

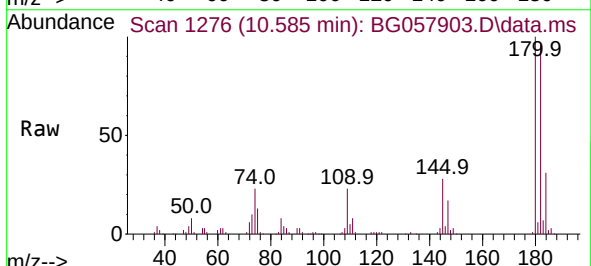
Manual Integrations

APPROVED

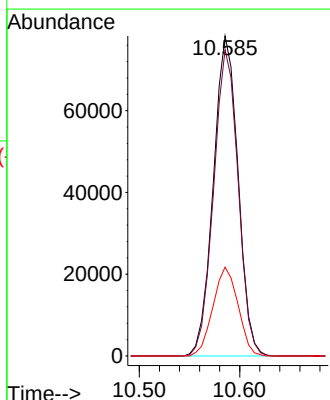
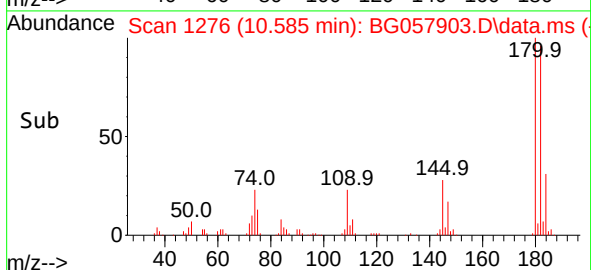
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

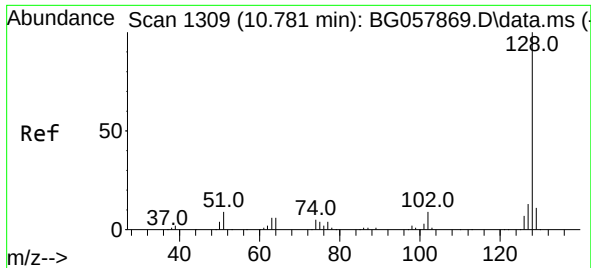


#30
1,2,4-Trichlorobenzene
Concen: 42.117 ng
RT: 10.585 min Scan# 1276
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:180 Resp: 133398
Ion Ratio Lower Upper
180 100
182 95.7 77.2 115.8
145 27.8 21.7 32.5





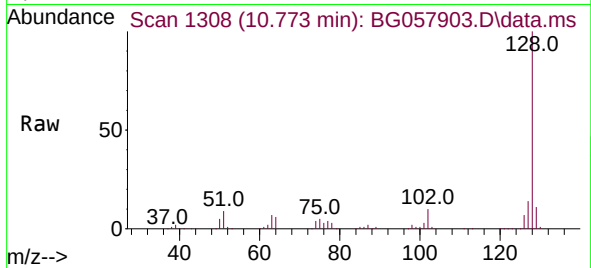
#31
Naphthalene
Concen: 40.695 ng
RT: 10.773 min Scan# 1182
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

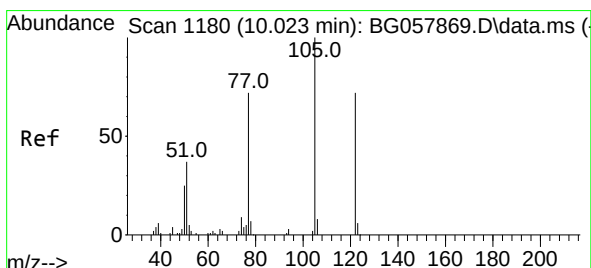
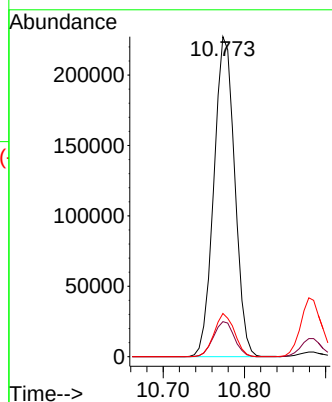
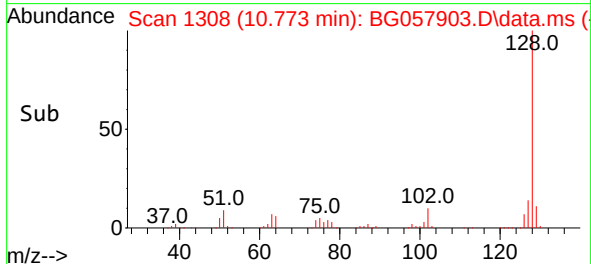


Tgt Ion:128 Resp: 404998
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.5 10.3 15.5

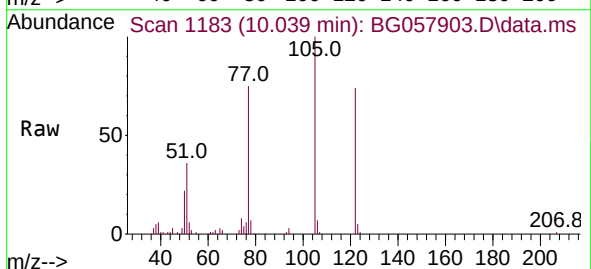
Manual Integrations

APPROVED

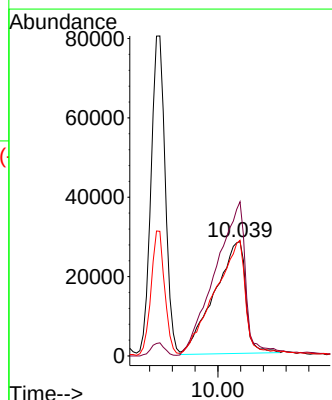
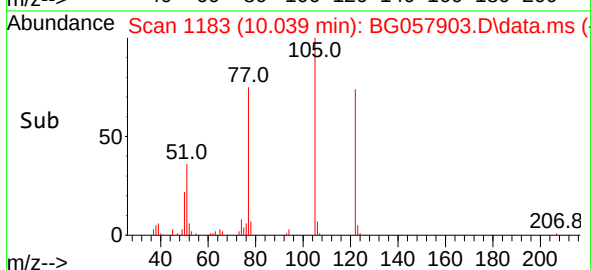
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

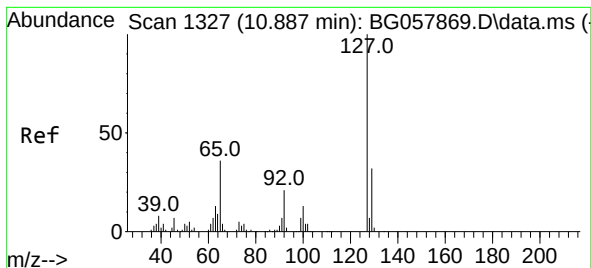


#32
Benzoic acid
Concen: 45.818 ng
RT: 10.039 min Scan# 1183
Delta R.T. 0.016 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:122 Resp: 107506
Ion Ratio Lower Upper
122 100
105 134.7 115.4 155.4
77 101.1 78.7 118.7





#33
4-Chloroaniline
Concen: 16.706 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

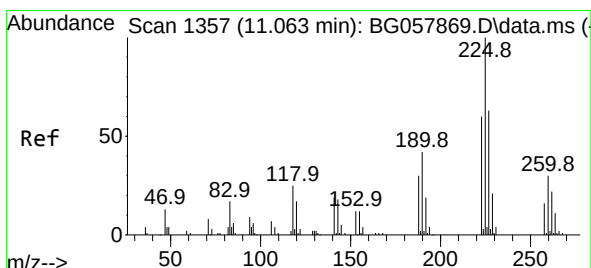
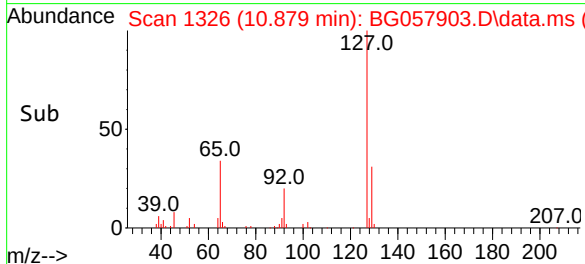
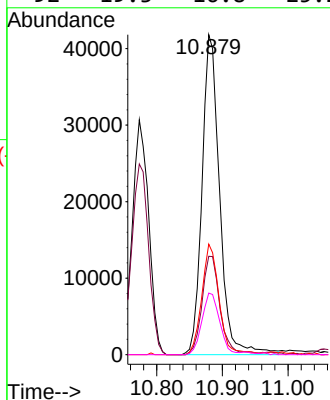
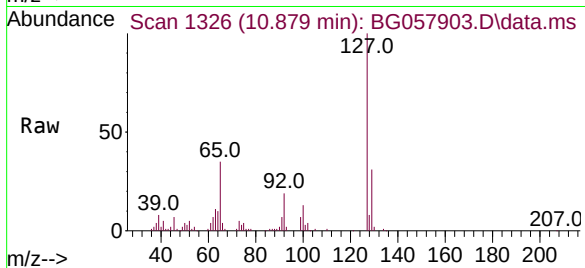
PB153840BS

Tgt Ion:	127	Resp:	7822
Ion Ratio	Lower	Upper	
127	100		
129	30.8	25.8	38.6
65	34.5	28.7	43.1
92	19.3	16.8	25.2

Manual Integrations

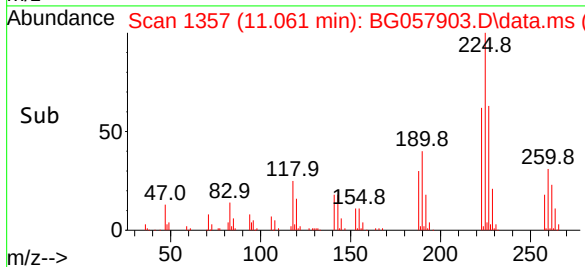
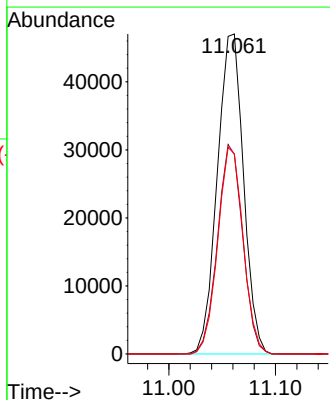
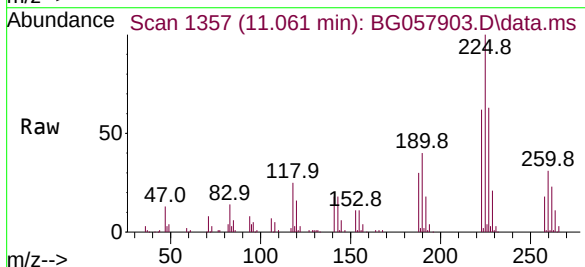
APPROVED

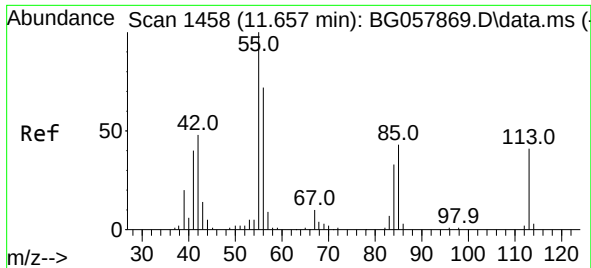
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#34
Hexachlorobutadiene
Concen: 41.143 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:	225	Resp:	80375
Ion Ratio	Lower	Upper	
225	100		
223	62.3	48.0	72.0
227	62.6	50.2	75.4





#35
Caprolactam
Concen: 43.303 ng m
RT: 11.661 min Scan# 1458
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

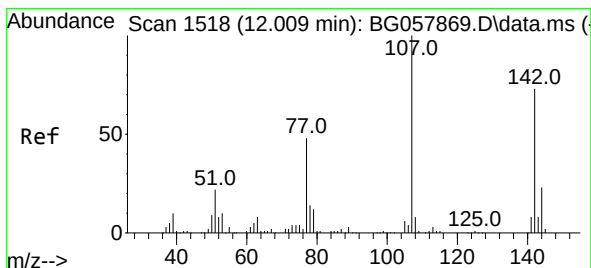
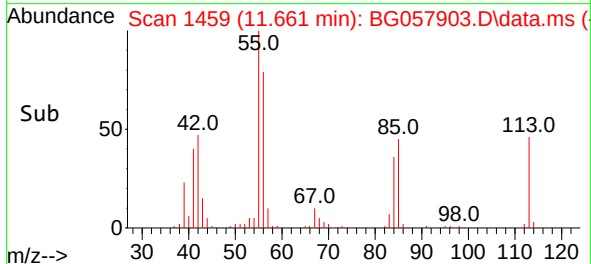
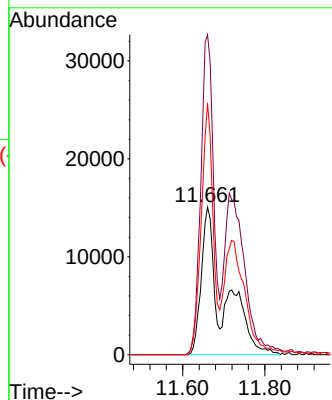
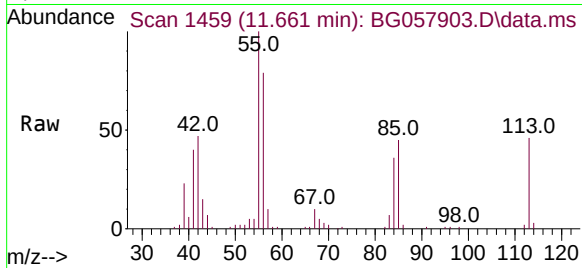
PB153840BS

Tgt Ion:113 Resp: 5521
Ion Ratio Lower Upper
113 100
55 216.8 224.7 264.7
56 170.5 155.9 195.9

Manual Integrations

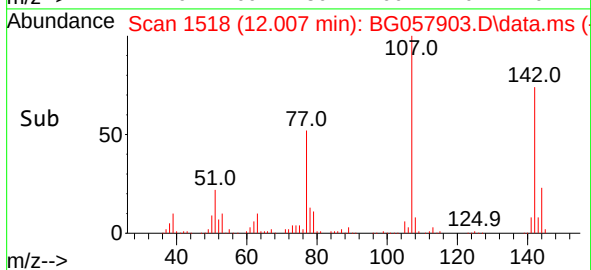
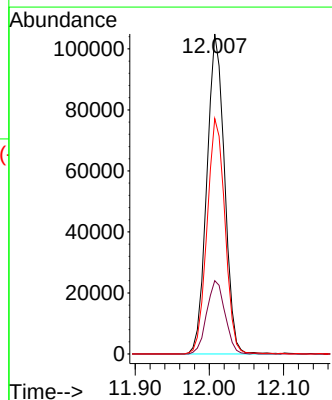
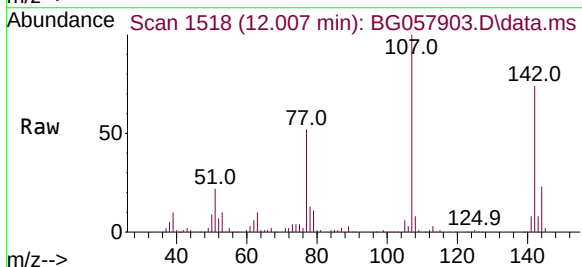
APPROVED

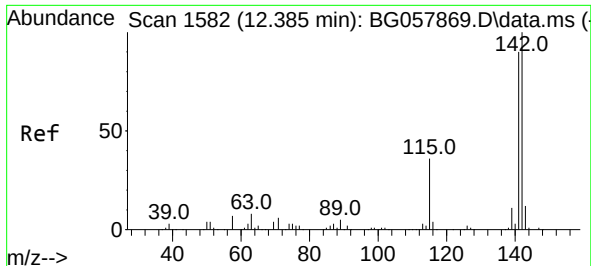
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#36
4-Chloro-3-methylphenol
Concen: 44.550 ng
RT: 12.007 min Scan# 1518
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:107 Resp: 174009
Ion Ratio Lower Upper
107 100
144 22.9 18.2 27.4
142 73.5 58.2 87.4





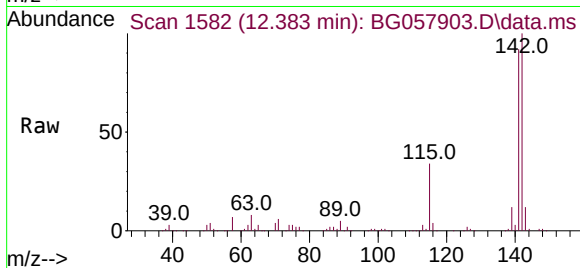
#37
2-Methylnaphthalene
Concen: 39.508 ng
RT: 12.383 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

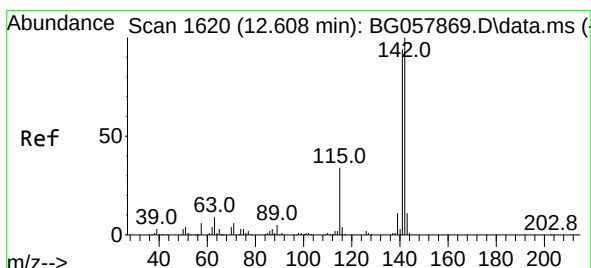
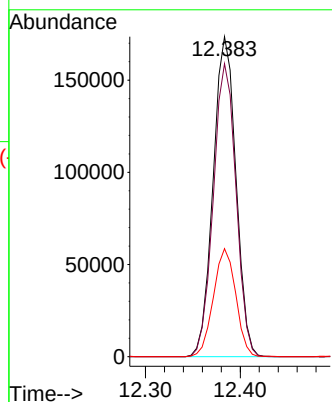
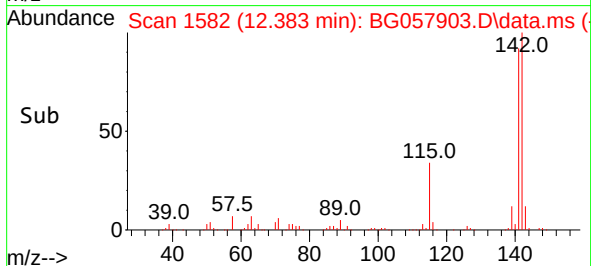


Tgt Ion:142 Resp: 289839
Ion Ratio Lower Upper
142 100
141 91.6 72.4 108.6
115 33.8 28.6 42.8

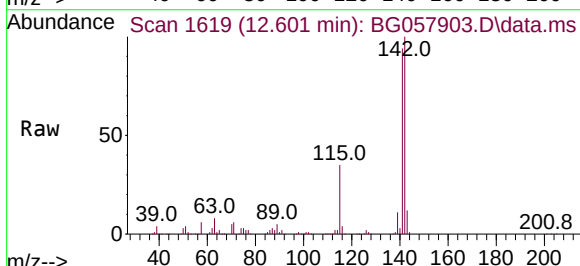
Manual Integrations

APPROVED

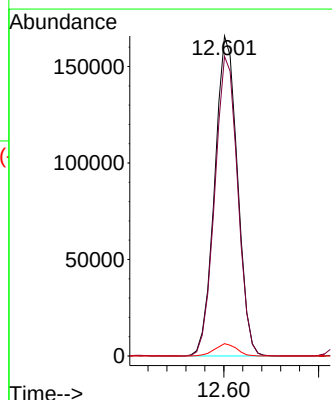
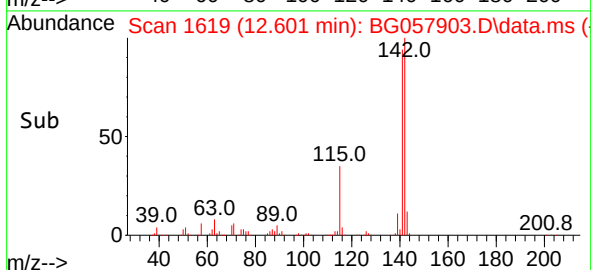
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

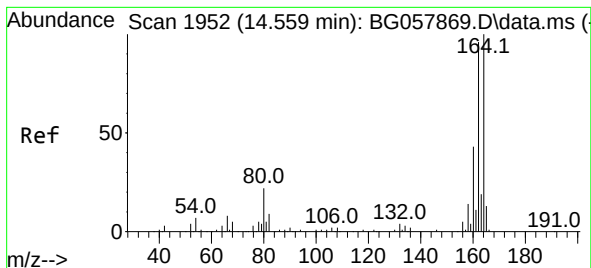


#38
1-Methylnaphthalene
Concen: 39.843 ng
RT: 12.601 min Scan# 1619
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:142 Resp: 276197
Ion Ratio Lower Upper
142 100
141 93.6 74.8 112.2
116 3.9 3.0 4.6





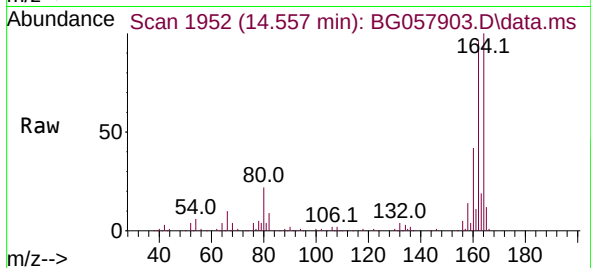
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

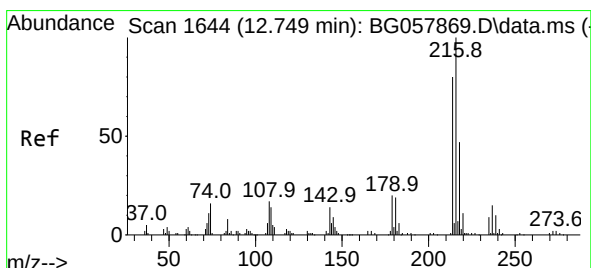
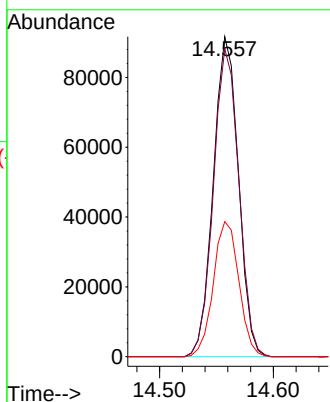
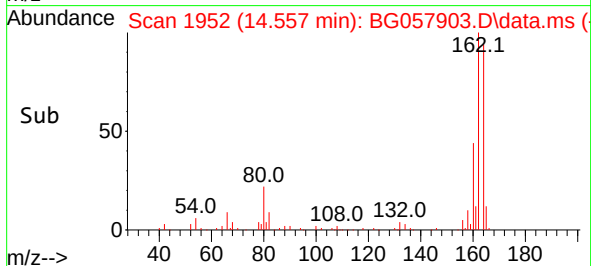


Tgt Ion:164 Resp: 140615
Ion Ratio Lower Upper
164 100
162 96.2 76.4 114.6
160 42.2 34.2 51.2

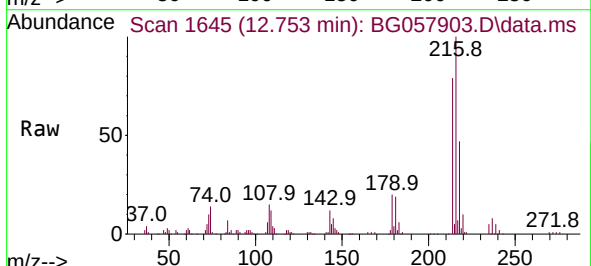
Manual Integrations

APPROVED

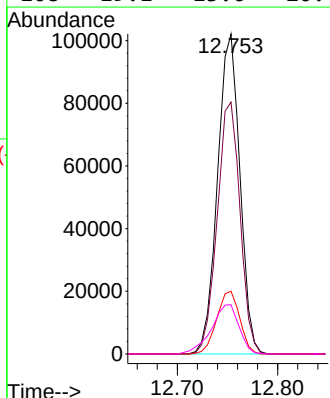
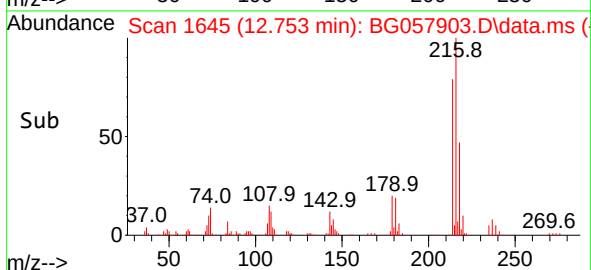
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

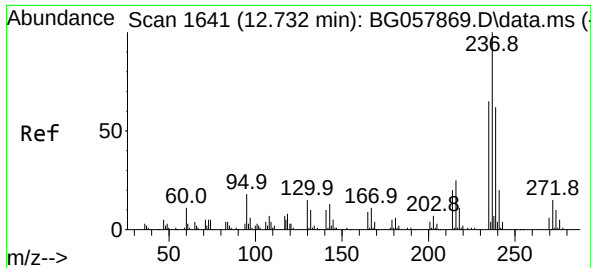


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.169 ng
RT: 12.753 min Scan# 1645
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:216 Resp: 158025
Ion Ratio Lower Upper
216 100
214 80.3 63.0 94.4
179 20.2 16.1 24.1
108 19.1 13.6 20.4





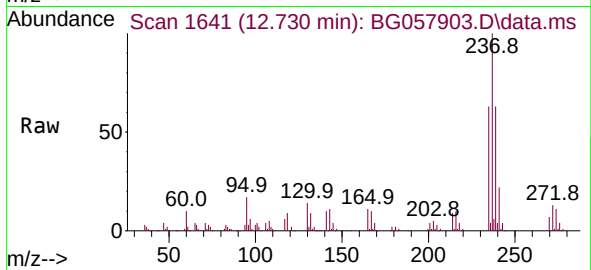
#41
Hexachlorocyclopentadiene
Concen: 90.881 ng
RT: 12.730 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

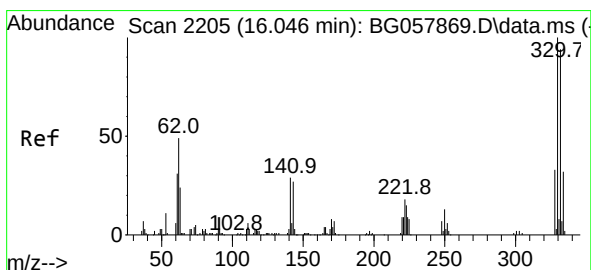
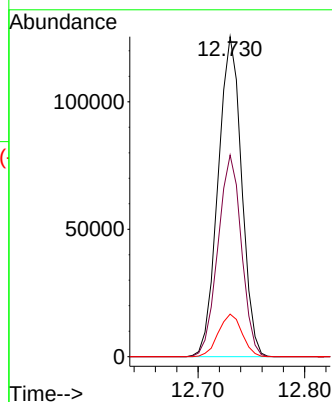
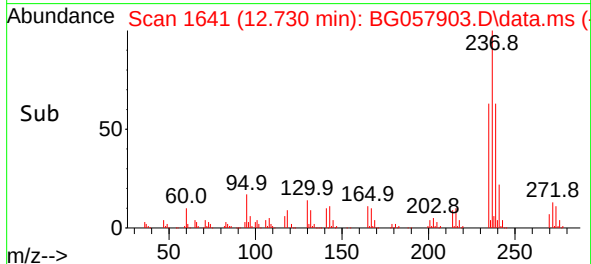


Tgt Ion:237 Resp: 192198
Ion Ratio Lower Upper
237 100
235 63.0 44.7 84.7
272 13.3 0.0 34.7

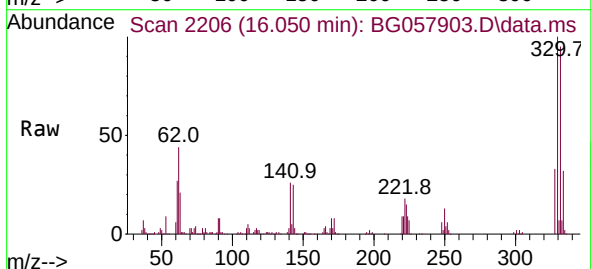
Manual Integrations

APPROVED

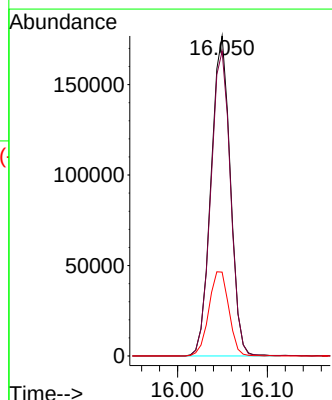
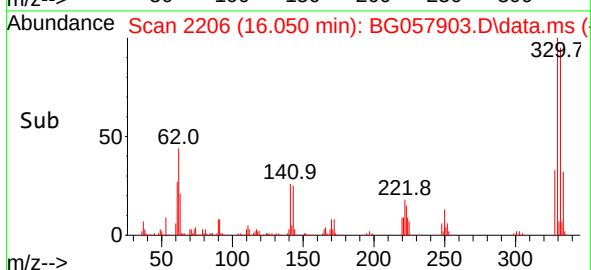
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

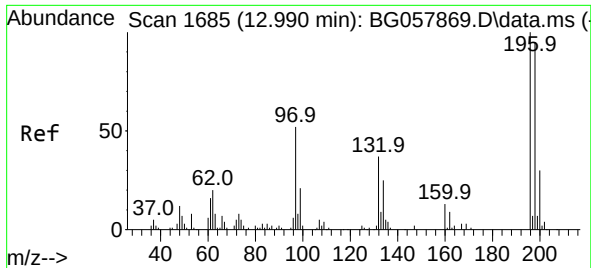


#42
2,4,6-Tribromophenol
Concen: 111.289 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:330 Resp: 262839
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 27.3 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 44.075 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

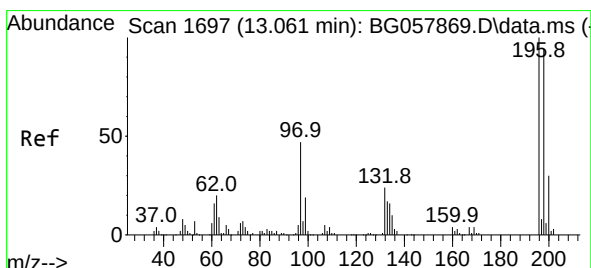
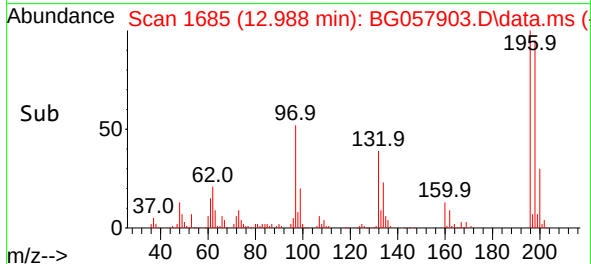
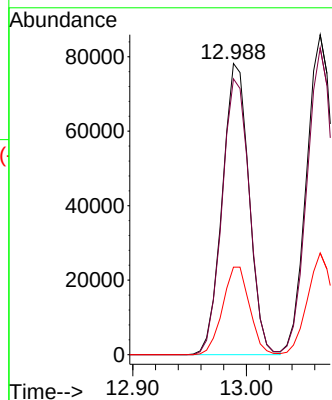
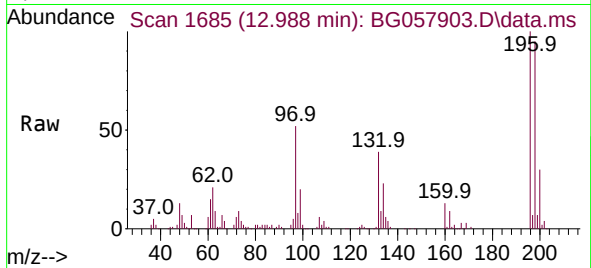
PB153840BS

Tgt Ion:196 Resp: 12781
Ion Ratio Lower Upper
196 100
198 94.7 75.7 113.5
200 30.1 24.2 36.2

Manual Integrations

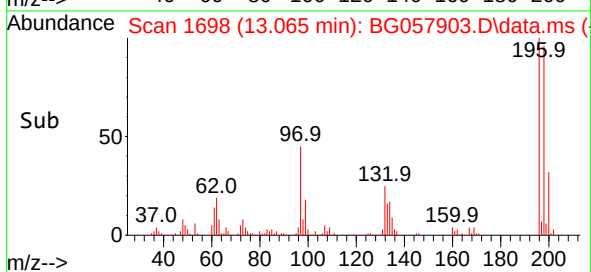
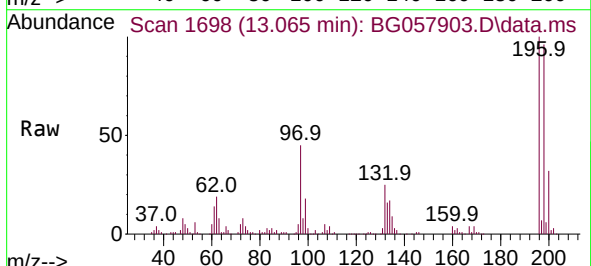
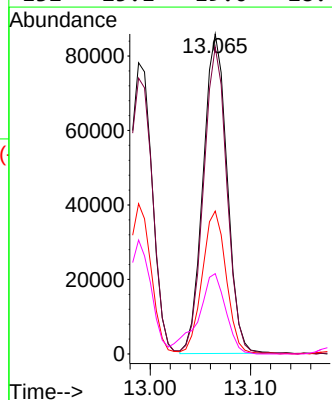
APPROVED

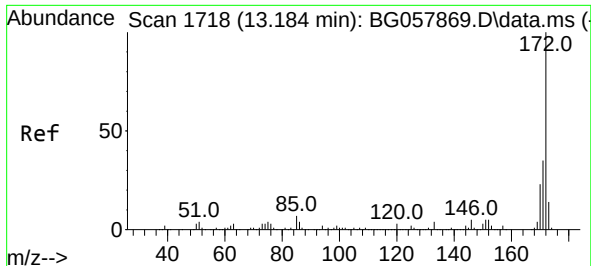
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#44
2,4,5-Trichlorophenol
Concen: 41.305 ng
RT: 13.065 min Scan# 1698
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:196 Resp: 142561
Ion Ratio Lower Upper
196 100
198 95.9 75.4 113.0
97 44.6 37.6 56.4
132 25.1 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 75.633 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

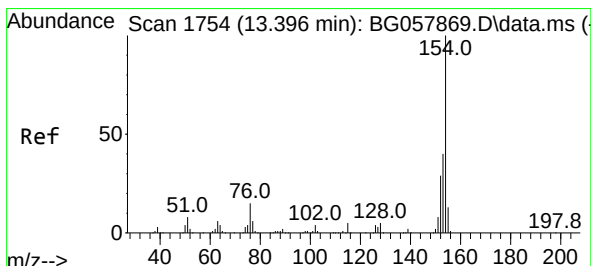
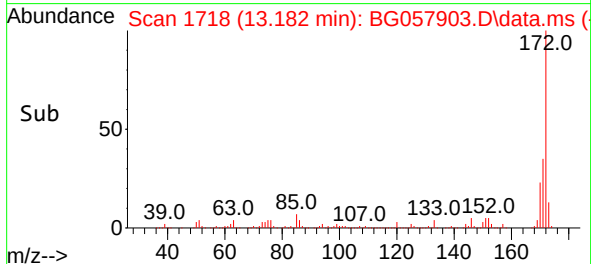
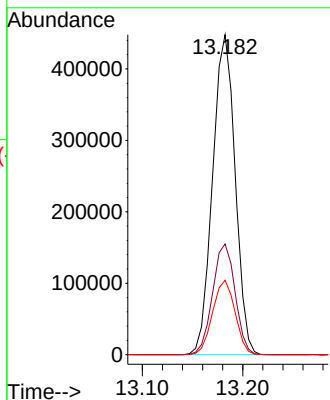
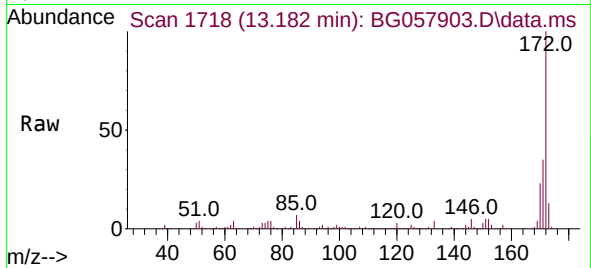
PB153840BS

Tgt Ion:172 Resp: 69691
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.2 18.6 27.8

Manual Integrations

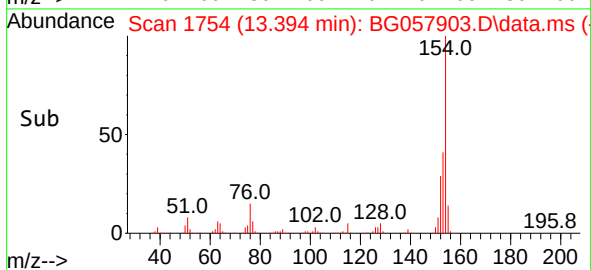
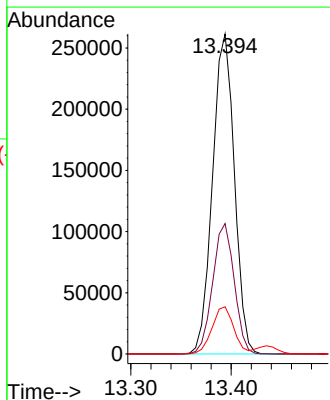
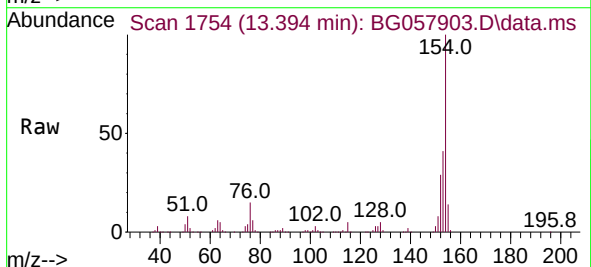
APPROVED

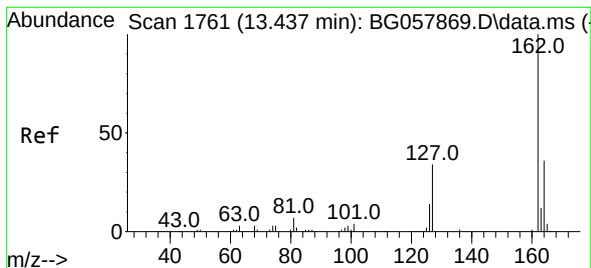
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#46
1,1'-Biphenyl
Concen: 41.151 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:154 Resp: 394135
Ion Ratio Lower Upper
154 100
153 40.8 20.1 60.1
76 14.8 0.0 34.7





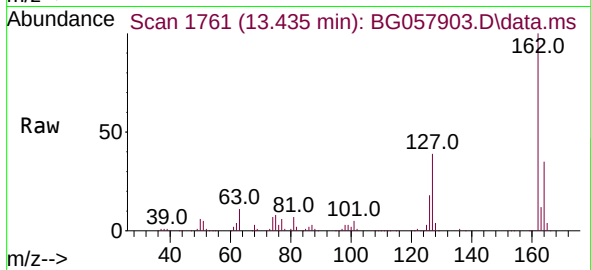
#47
2-Chloronaphthalene
Concen: 41.800 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

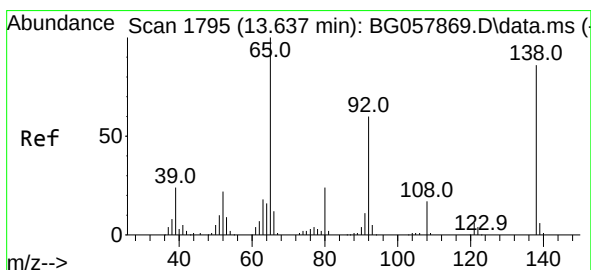
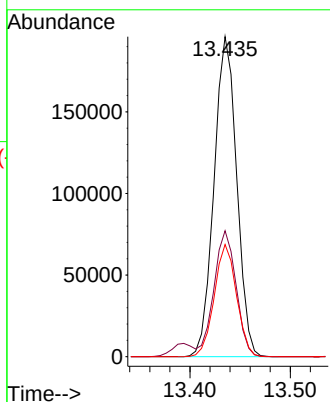
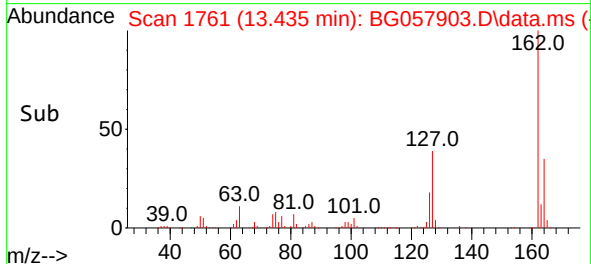


Tgt Ion:162 Resp: 307458
Ion Ratio Lower Upper
162 100
127 39.3 30.2 45.4
164 35.0 28.6 43.0

Manual Integrations

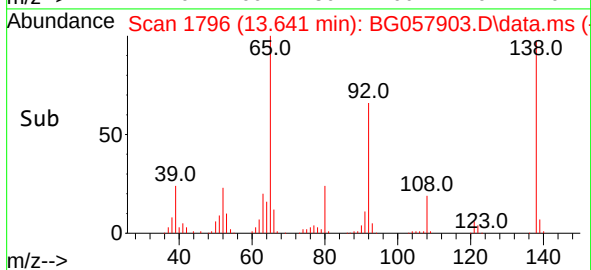
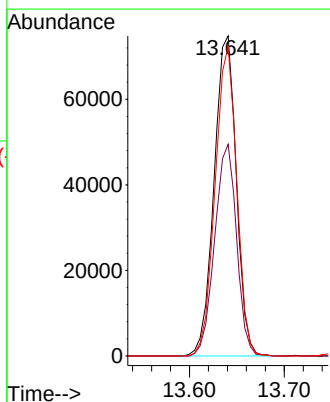
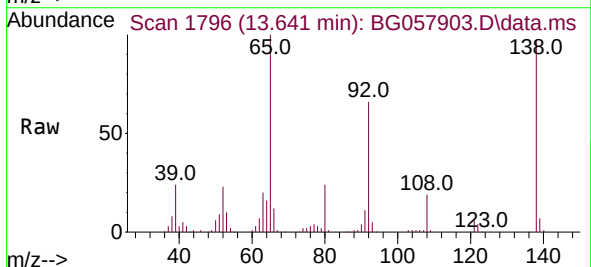
APPROVED

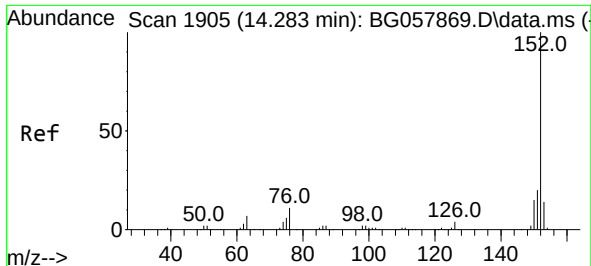
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#48
2-Nitroaniline
Concen: 41.520 ng
RT: 13.641 min Scan# 1796
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion: 65 Resp: 121685
Ion Ratio Lower Upper
65 100
92 66.2 48.3 72.5
138 96.7 69.1 103.7





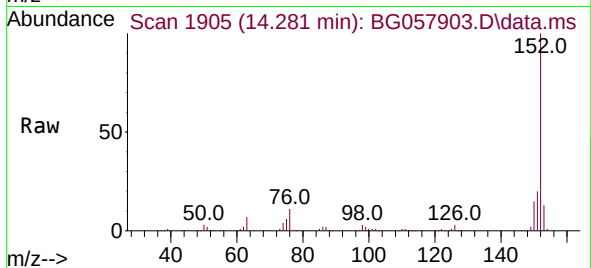
#49
Acenaphthylene
Concen: 40.531 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

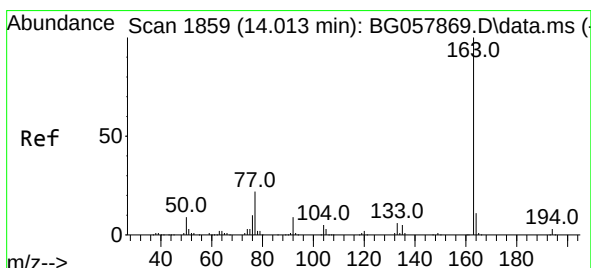
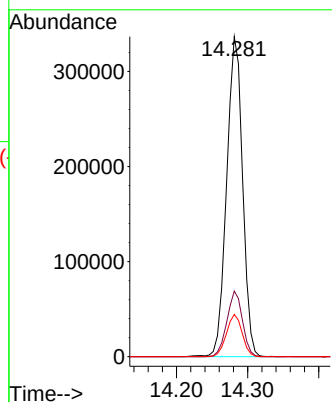
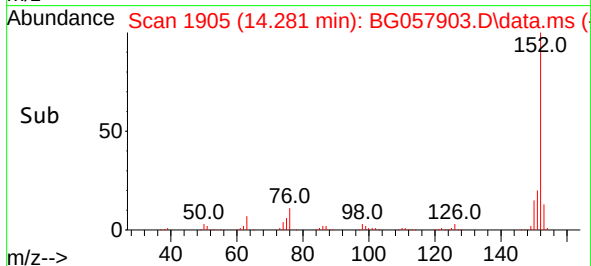


Tgt Ion:152 Resp: 522820
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.2 10.8 16.2

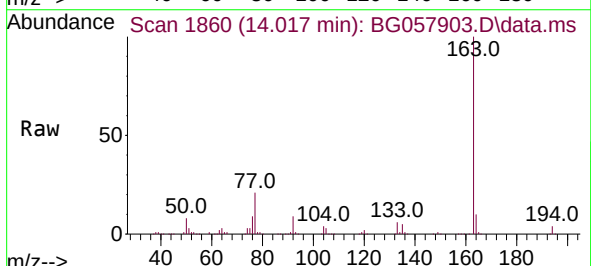
Manual Integrations

APPROVED

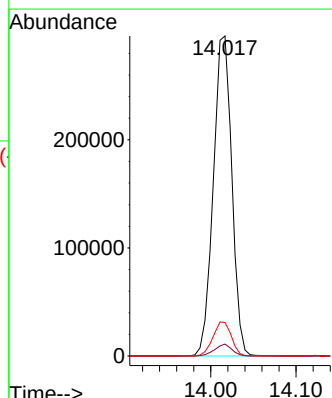
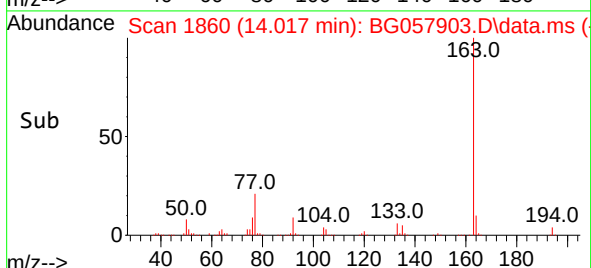
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

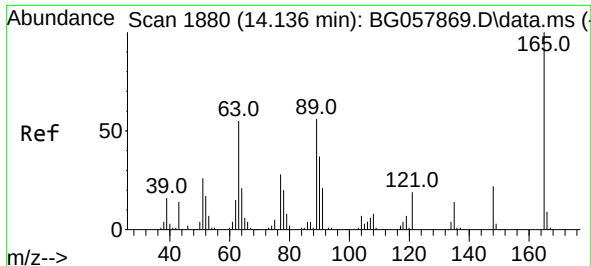


#50
Dimethylphthalate
Concen: 39.985 ng
RT: 14.017 min Scan# 1860
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:163 Resp: 445631
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.5 8.9 13.3





#51
2,6-Dinitrotoluene
Concen: 41.863 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

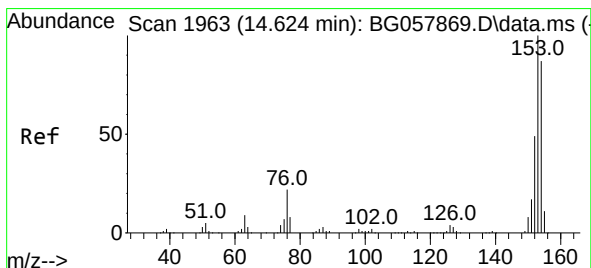
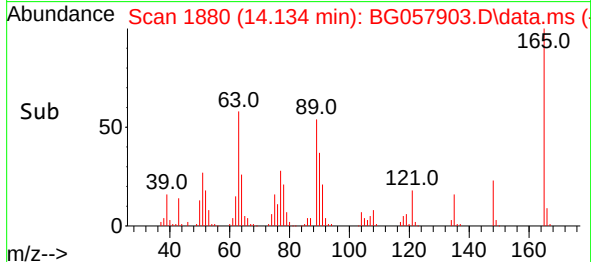
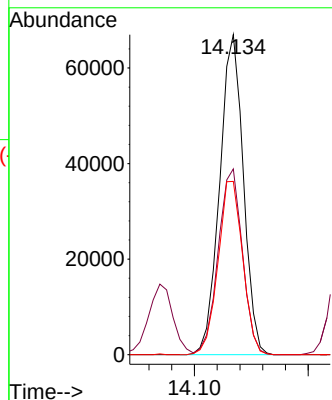
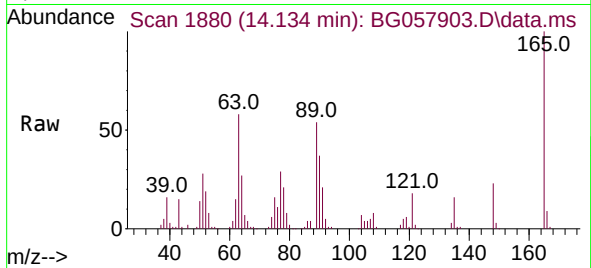
ClientSampleId :

PB153840BS

Tgt Ion:165 Resp: 9687
Ion Ratio Lower Upper
165 100
63 58.1 46.4 69.6
89 54.2 45.0 67.6

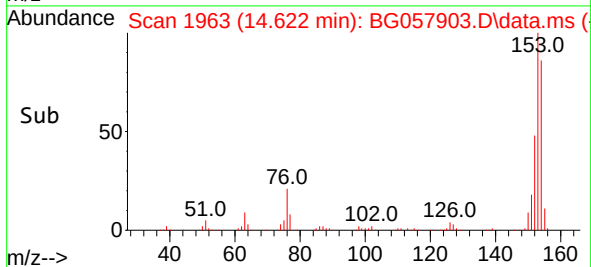
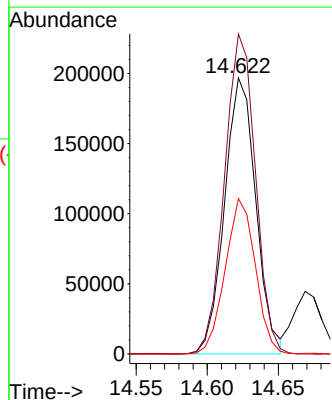
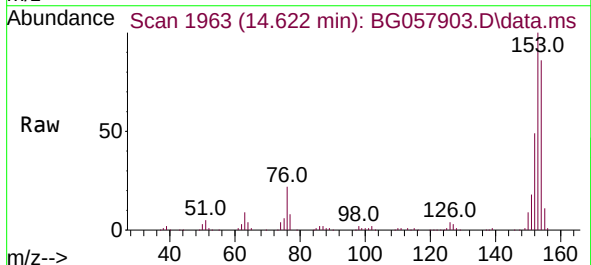
Manual Integrations
APPROVED

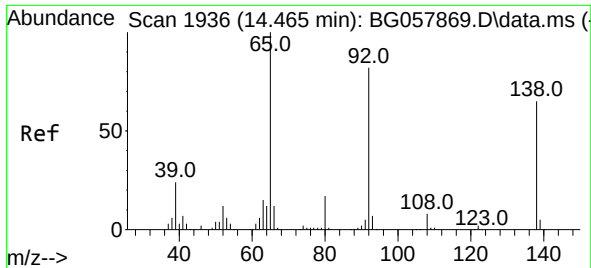
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#52
Acenaphthene
Concen: 40.058 ng
RT: 14.622 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:154 Resp: 301855
Ion Ratio Lower Upper
154 100
153 116.0 91.5 137.3
152 56.3 44.6 67.0





#53
3-Nitroaniline
Concen: 26.948 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

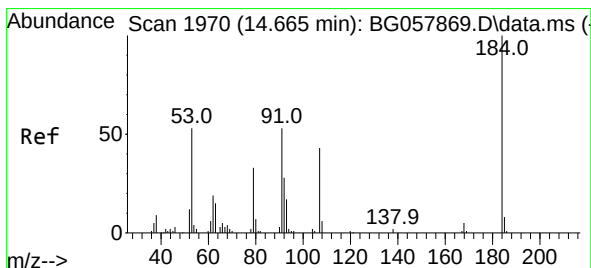
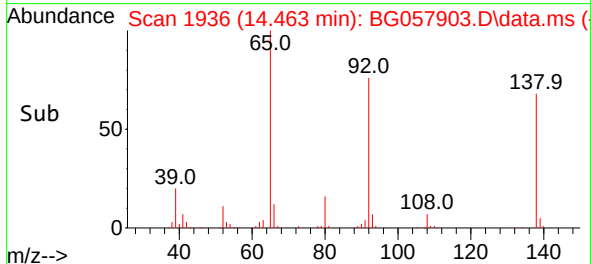
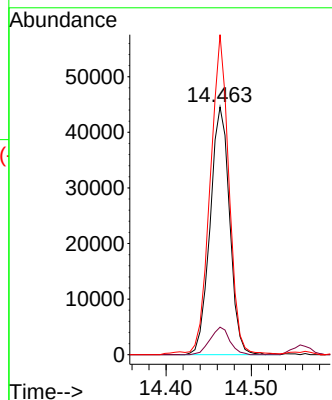
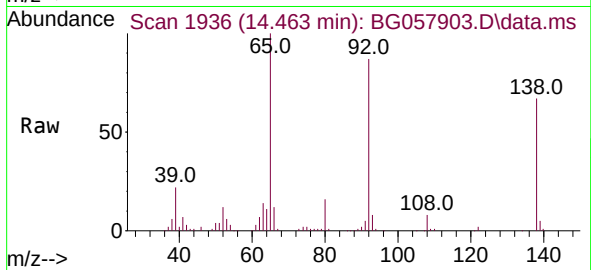
PB153840BS

Tgt Ion:138 Resp: 7089
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.6
92 129.2 101.7 152.5

Manual Integrations

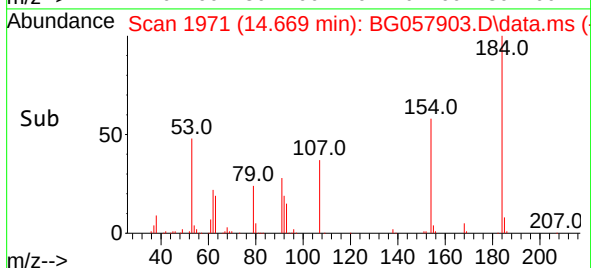
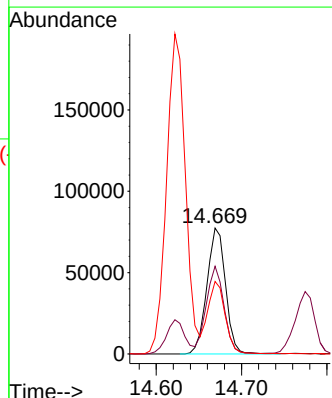
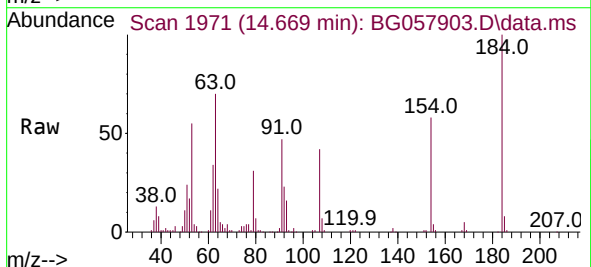
APPROVED

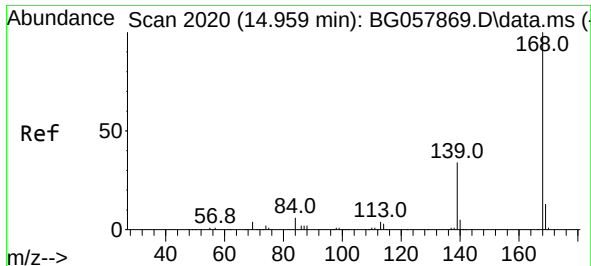
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#54
2,4-Dinitrophenol
Concen: 92.044 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:184 Resp: 117672
Ion Ratio Lower Upper
184 100
63 69.6 57.8 86.6
154 57.6 45.9 68.9





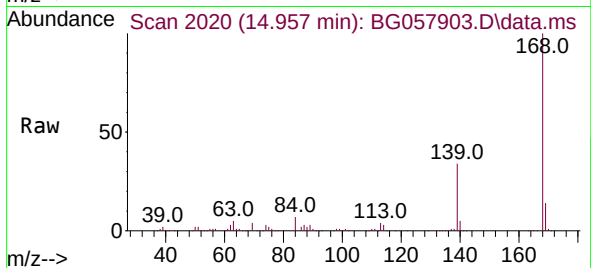
#55
Dibenzofuran
Concen: 39.423 ng
RT: 14.957 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

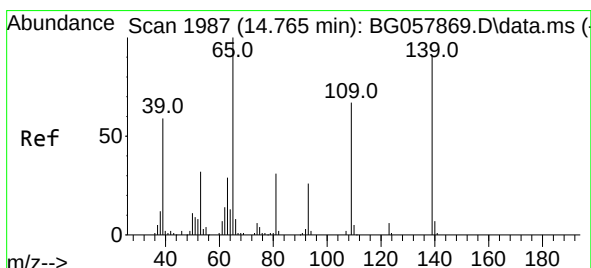
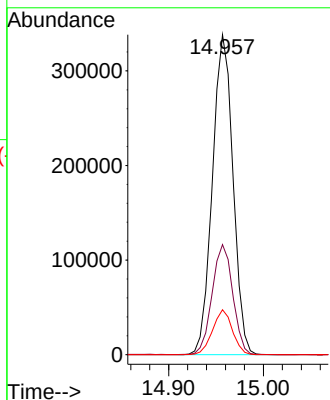
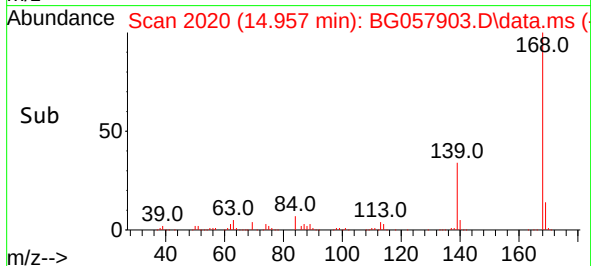


Tgt Ion:168 Resp: 509540
Ion Ratio Lower Upper
168 100
139 34.4 27.3 40.9
169 14.0 10.3 15.5

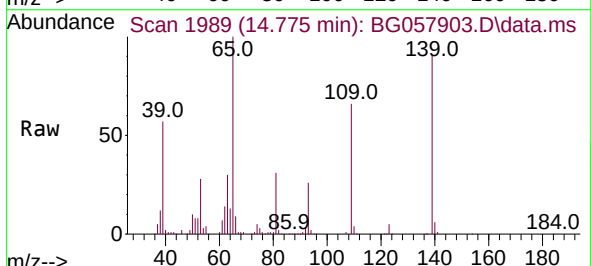
Manual Integrations

APPROVED

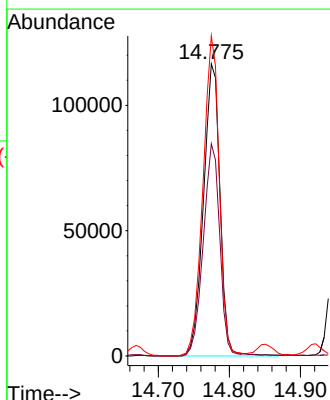
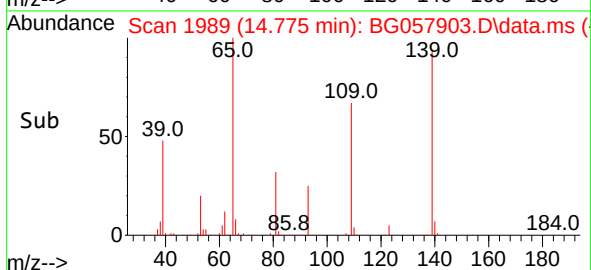
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

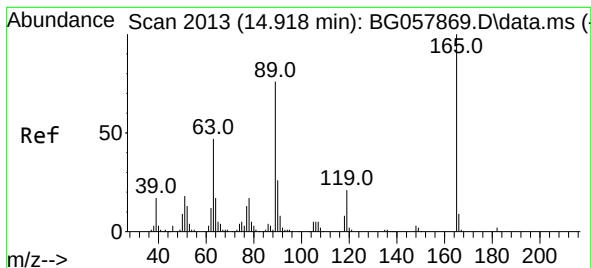


#56
4-Nitrophenol
Concen: 87.628 ng
RT: 14.775 min Scan# 1989
Delta R.T. 0.010 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:139 Resp: 188993
Ion Ratio Lower Upper
139 100
109 72.6 53.7 93.7
65 109.6 89.9 129.9





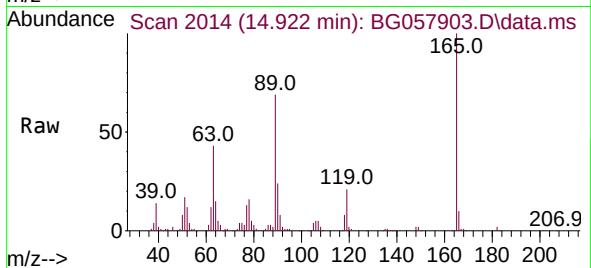
#57
2,4-Dinitrotoluene
Concen: 42.528 ng
RT: 14.922 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

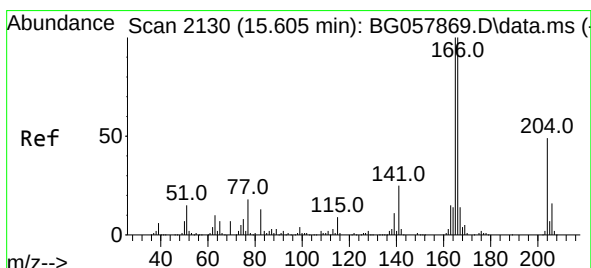
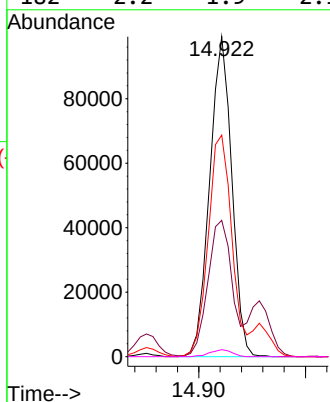
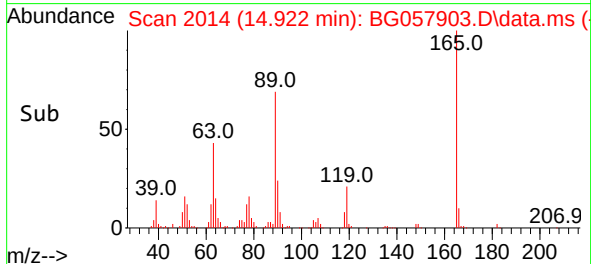


Tgt Ion:165 Resp: 142790
Ion Ratio Lower Upper
165 100
63 42.6 37.6 56.4
89 69.2 61.0 91.4
182 2.2 1.9 2.9

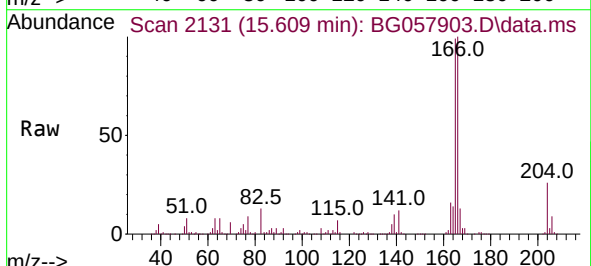
Manual Integrations

APPROVED

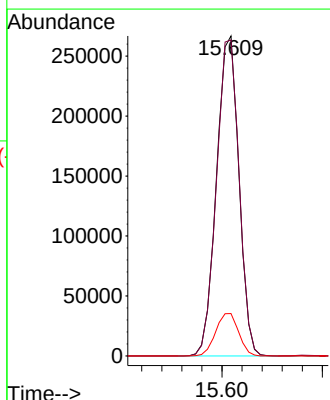
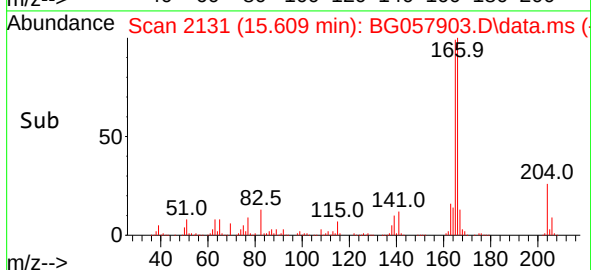
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

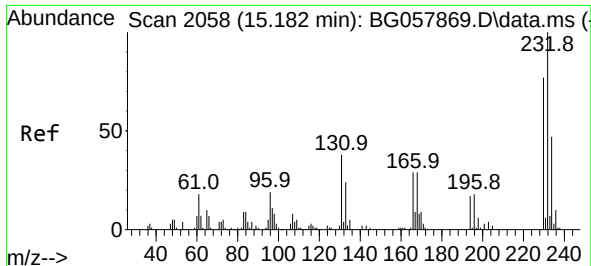


#58
Fluorene
Concen: 39.531 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:166 Resp: 412397
Ion Ratio Lower Upper
166 100
165 98.8 80.0 120.0
167 13.3 11.0 16.4





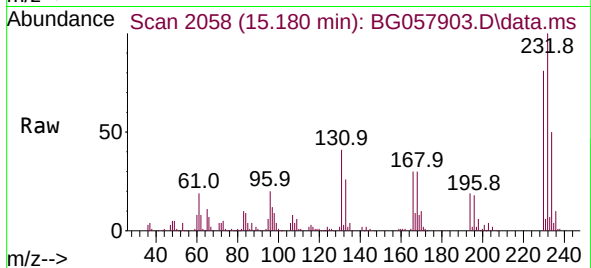
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.123 ng
RT: 15.180 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

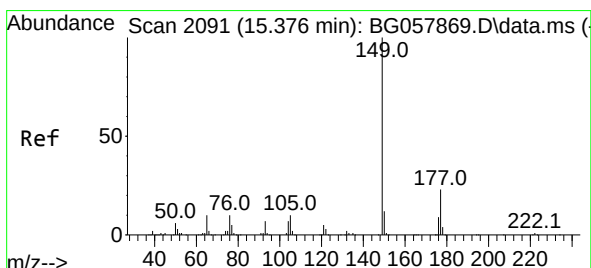
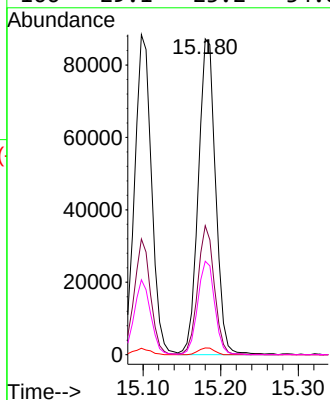
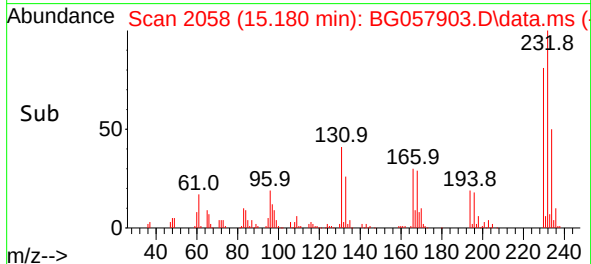


Tgt Ion:232 Resp: 13492
Ion Ratio Lower Upper
232 100
131 39.1 31.2 46.8
130 2.0 1.6 2.4
166 29.1 23.2 34.8

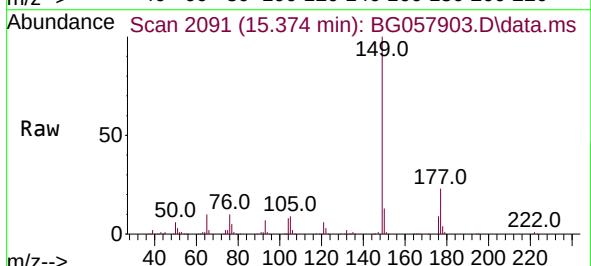
Manual Integrations

APPROVED

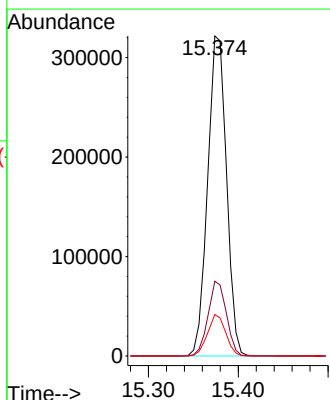
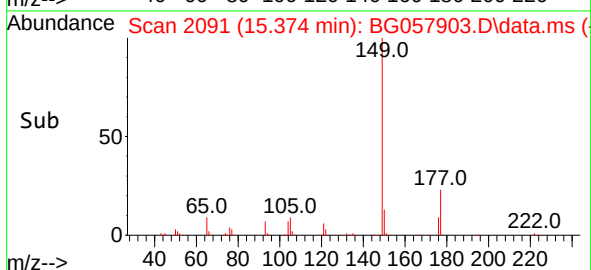
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

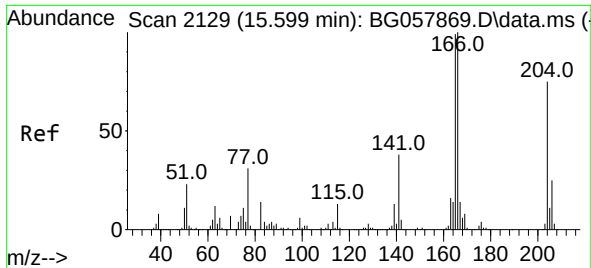


#60
Diethylphthalate
Concen: 39.941 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:149 Resp: 469225
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.784 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

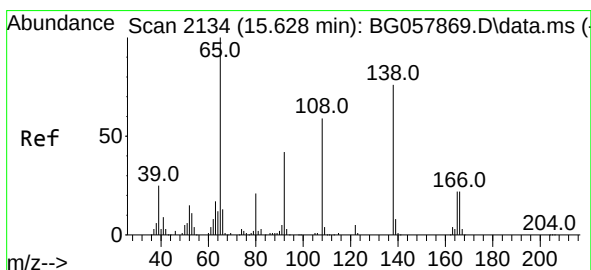
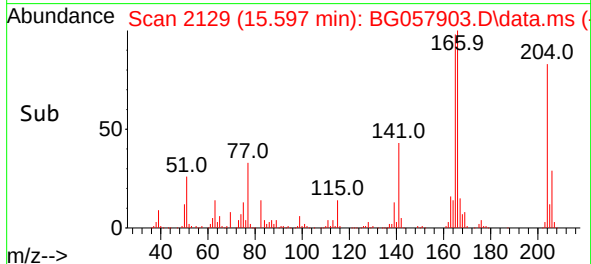
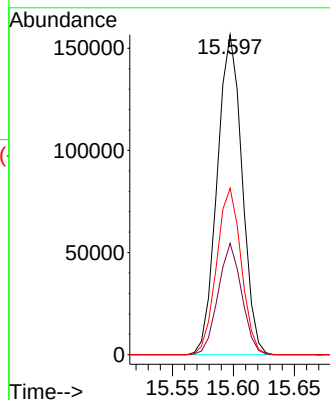
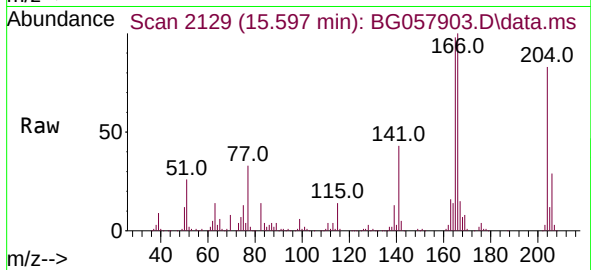
PB153840BS

Tgt Ion:204 Resp: 222612
Ion Ratio Lower Upper
204 100
206 34.8 26.6 39.8
141 52.0 40.6 60.8

Manual Integrations

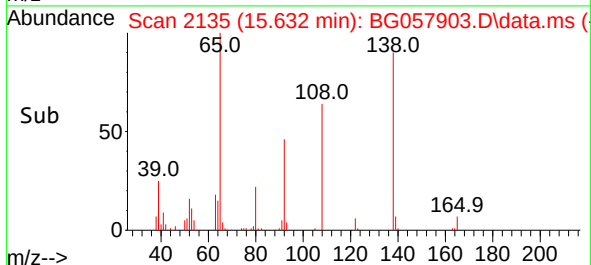
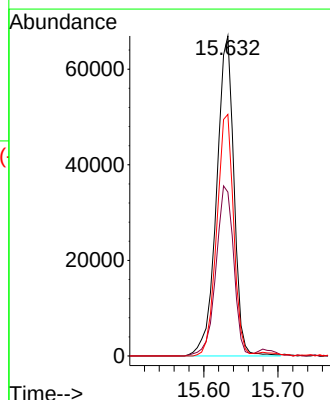
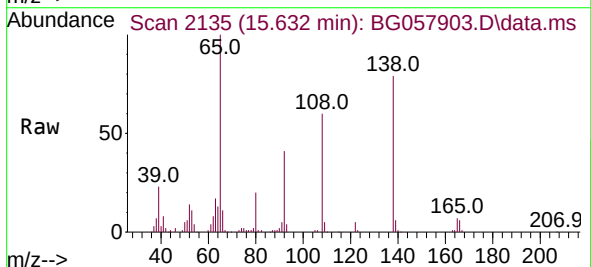
APPROVED

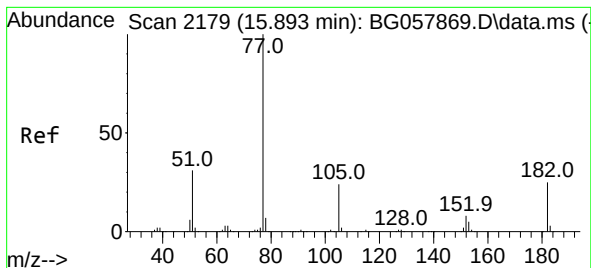
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#62
4-Nitroaniline
Concen: 39.476 ng
RT: 15.632 min Scan# 2135
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:138 Resp: 108931
Ion Ratio Lower Upper
138 100
92 51.2 35.2 75.2
108 75.5 57.8 97.8





#63

Azobenzene

Concen: 39.571 ng

RT: 15.891 min Scan# 2179

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Tgt Ion: 77 Resp: 444558

Ion Ratio Lower Upper

77 100

182 24.5 5.1 45.1

105 24.2 3.9 43.9

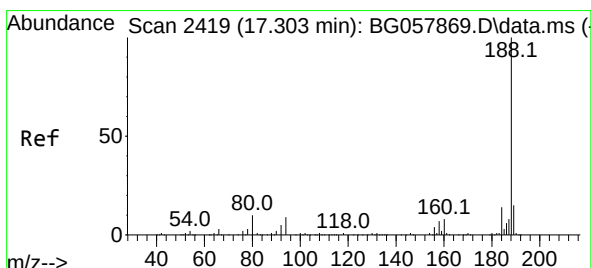
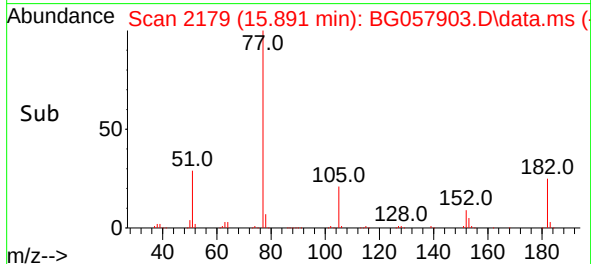
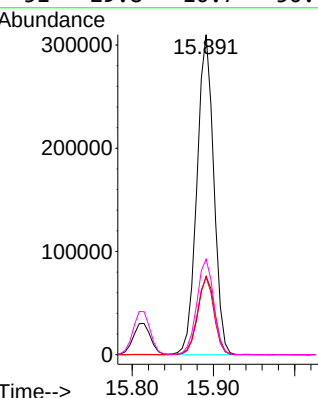
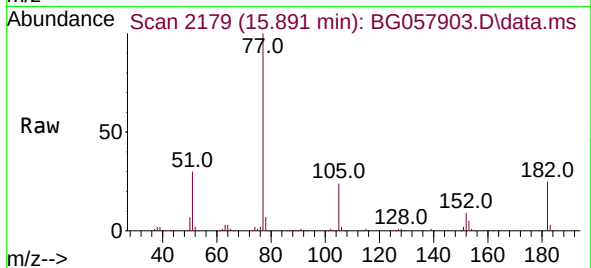
51 29.8 10.7 50.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

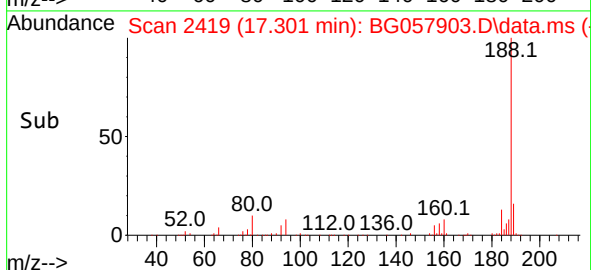
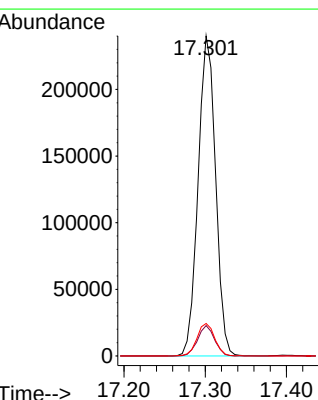
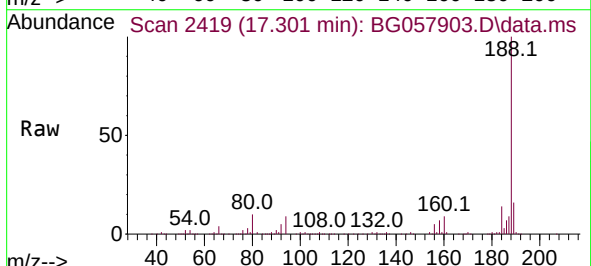
Tgt Ion:188 Resp: 358055

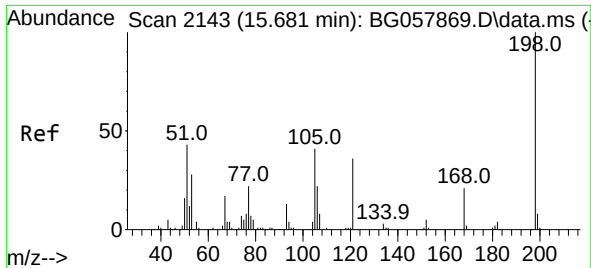
Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.2 8.4 12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 44.996 ng
RT: 15.685 min Scan# 2143
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

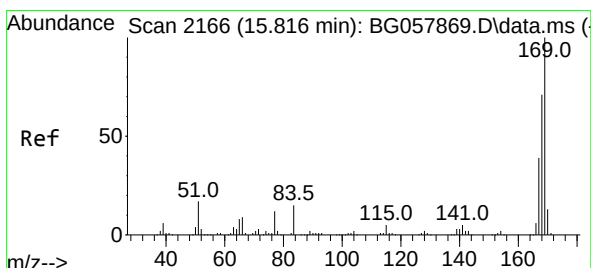
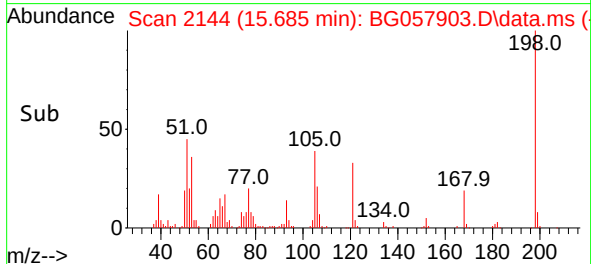
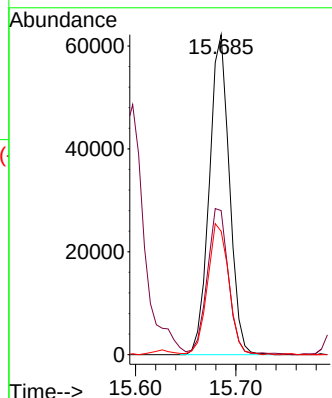
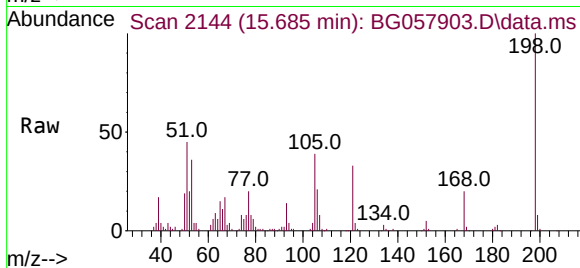
ClientSampleId :

PB153840BS

Tgt Ion:198 Resp: 86698
Ion Ratio Lower Upper
198 100
51 45.1 27.2 67.2
105 38.5 22.3 62.3

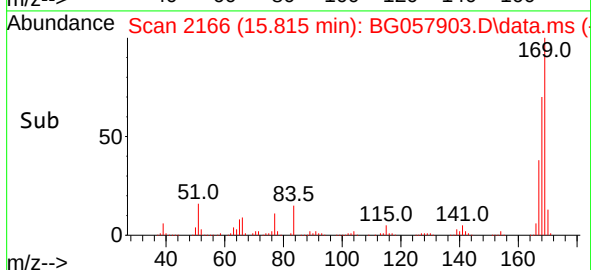
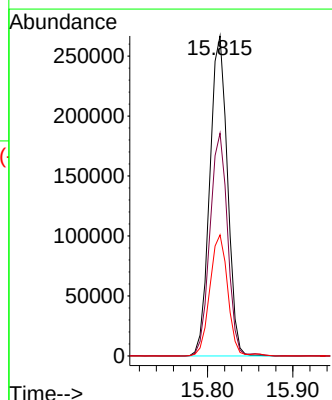
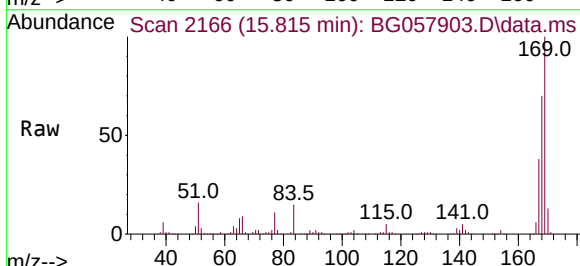
Manual Integrations
APPROVED

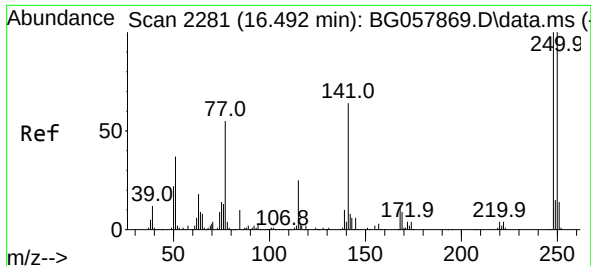
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#66
n-Nitrosodiphenylamine
Concen: 41.970 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

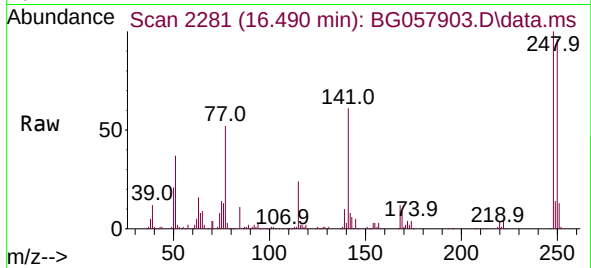
Tgt Ion:169 Resp: 383505
Ion Ratio Lower Upper
169 100
168 69.6 56.6 85.0
167 37.9 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 40.899 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

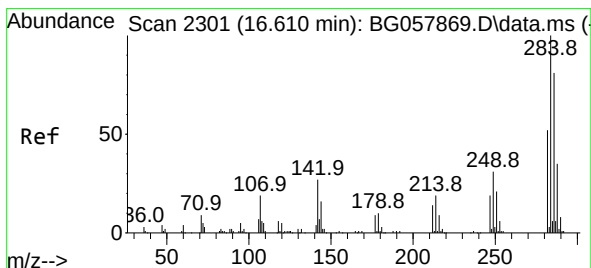
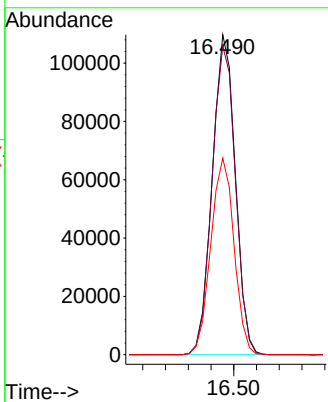
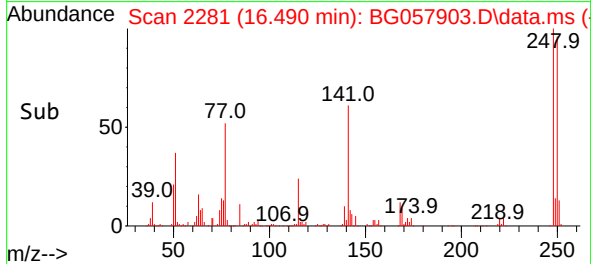
Instrument :
BNA_G
ClientSampleId :
PB153840BS



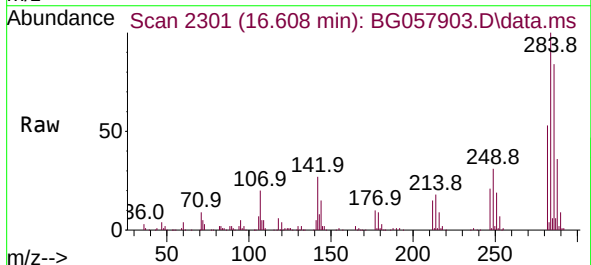
Tgt Ion:248 Resp: 15458
Ion Ratio Lower Upper
248 100
250 96.5 79.7 119.5
141 61.4 50.8 76.2

Manual Integrations
APPROVED

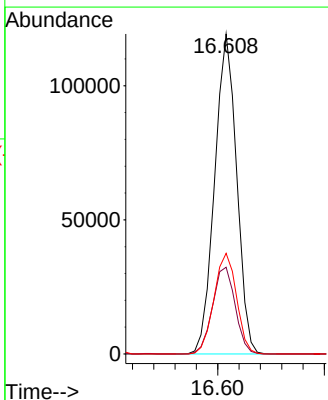
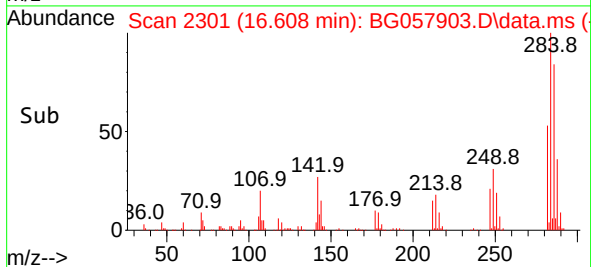
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

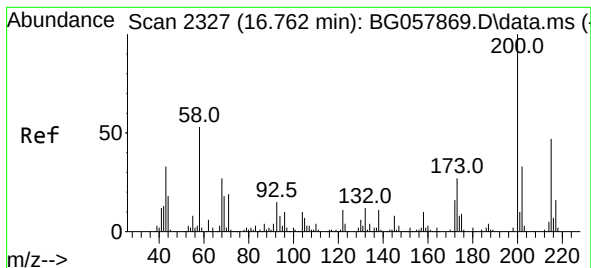


#68
Hexachlorobenzene
Concen: 42.676 ng
RT: 16.608 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:284 Resp: 170328
Ion Ratio Lower Upper
284 100
142 27.1 21.4 32.0
249 31.4 24.9 37.3





#69

Atrazine

Concen: 43.827 ng

RT: 16.761 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Tgt Ion:200 Resp: 148729

Ion Ratio Lower Upper

200 100

173 25.3 7.2 47.2

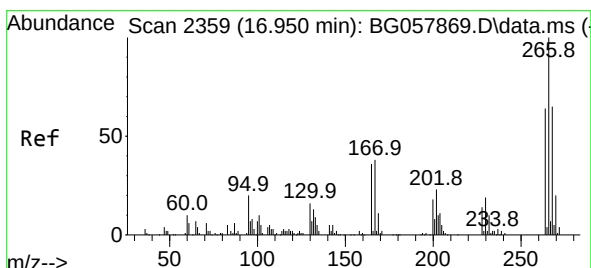
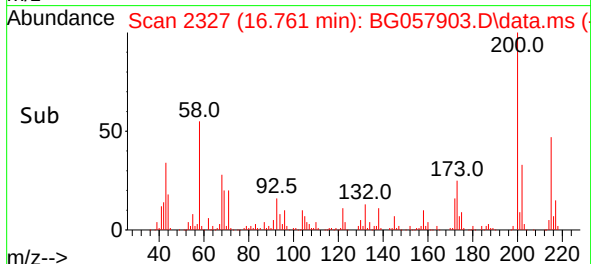
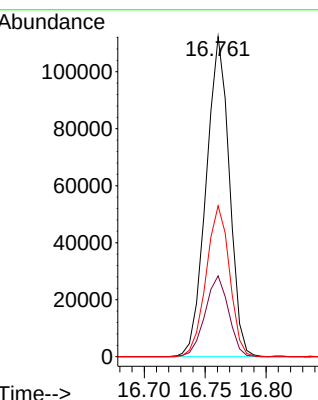
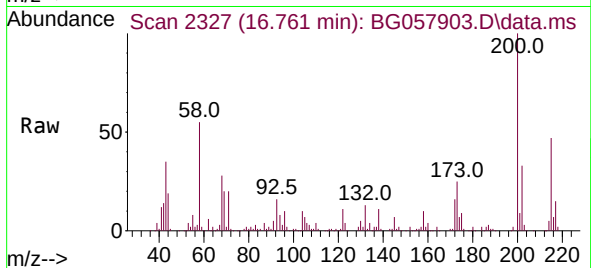
215 47.2 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#70

Pentachlorophenol

Concen: 78.482 ng

RT: 16.954 min Scan# 2360

Delta R.T. 0.004 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

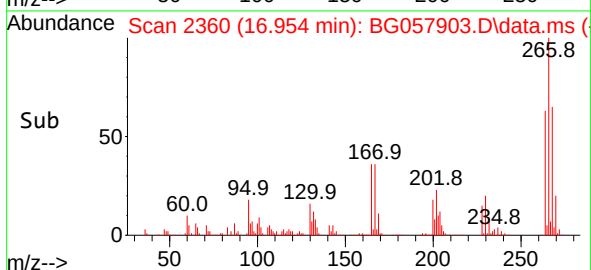
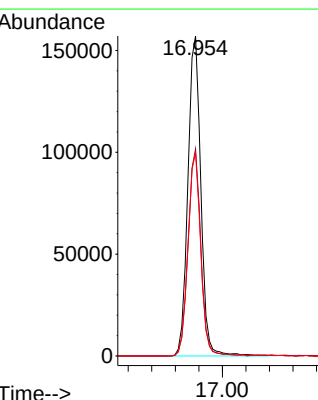
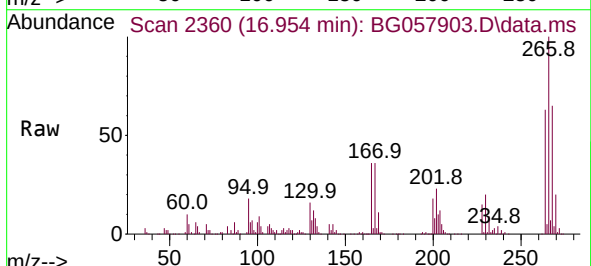
Tgt Ion:266 Resp: 239550

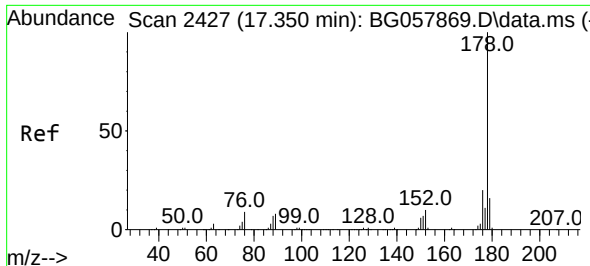
Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.2

264 63.5 50.9 76.3





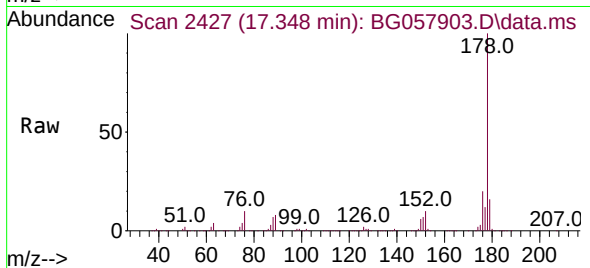
#71
Phenanthrene
Concen: 41.392 ng
RT: 17.348 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

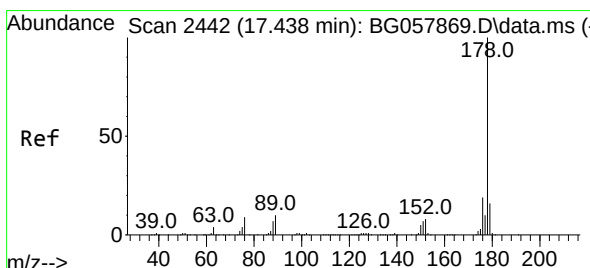
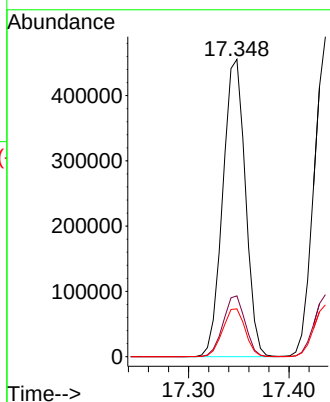
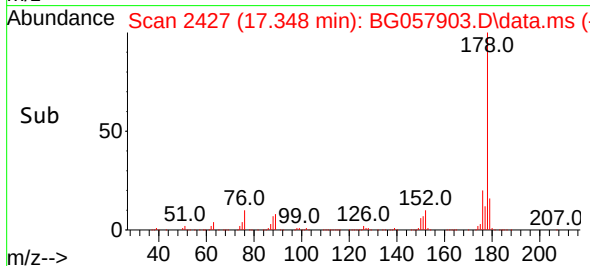


Tgt Ion:178 Resp: 711439
Ion Ratio Lower Upper
178 100
176 20.5 16.3 24.5
179 16.1 13.2 19.8

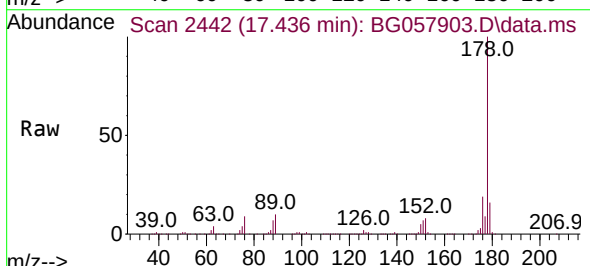
Manual Integrations

APPROVED

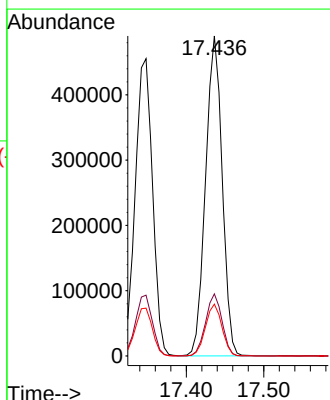
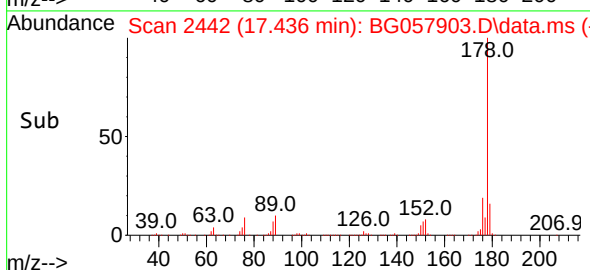
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

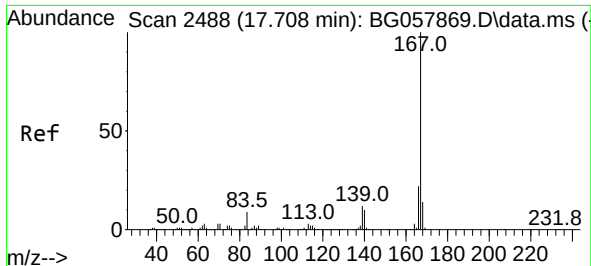


#72
Anthracene
Concen: 41.136 ng
RT: 17.436 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:178 Resp: 729209
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.2 12.9 19.3





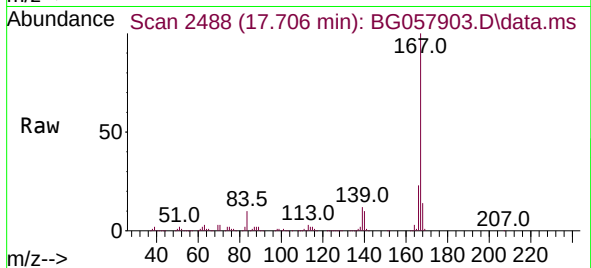
#73
 Carbazole
 Concen: 41.959 ng
 RT: 17.706 min Scan# 2488
 Delta R.T. -0.002 min
 Lab File: BG057903.D
 Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

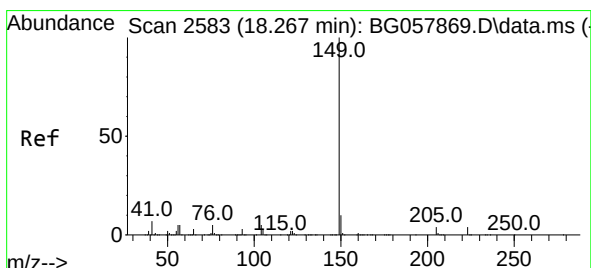
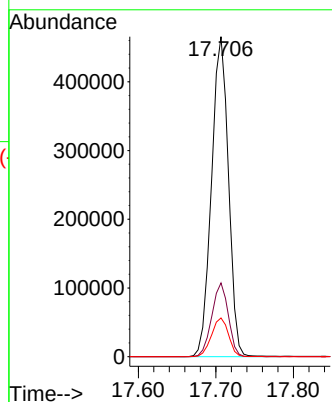
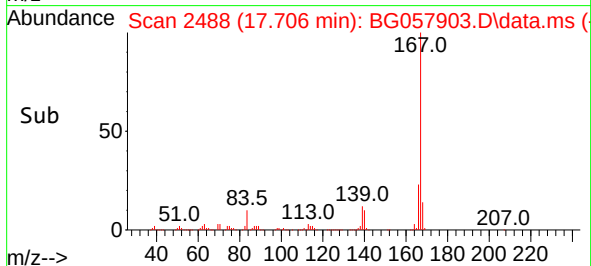


Tgt Ion:167 Resp: 70722
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.8
 139 12.1 9.8 14.8

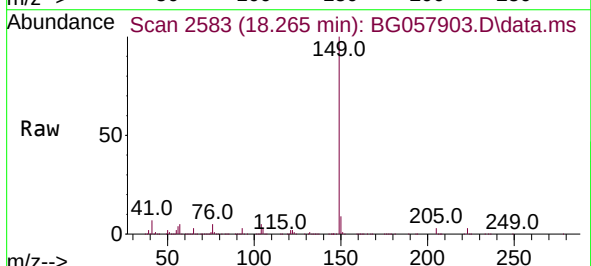
Manual Integrations

APPROVED

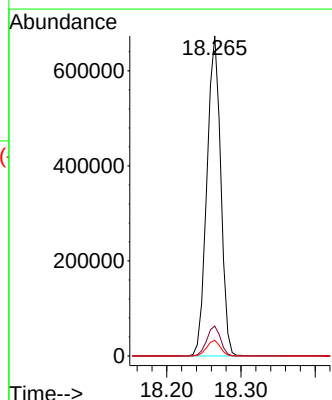
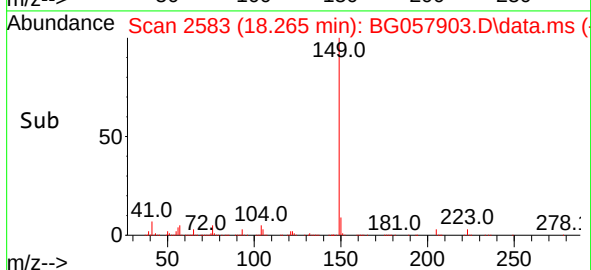
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 07/07/2023

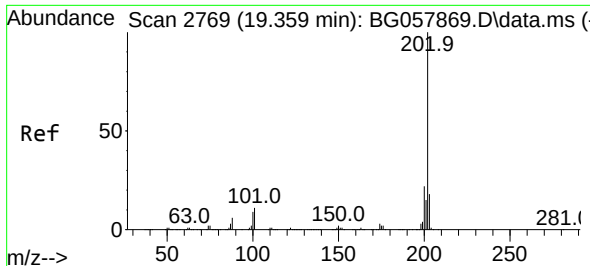


#74
 Di-n-butylphthalate
 Concen: 41.822 ng
 RT: 18.265 min Scan# 2583
 Delta R.T. -0.002 min
 Lab File: BG057903.D
 Acq: 29 Jun 2023 13:57



Tgt Ion:149 Resp: 871236
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.9 3.9 5.9





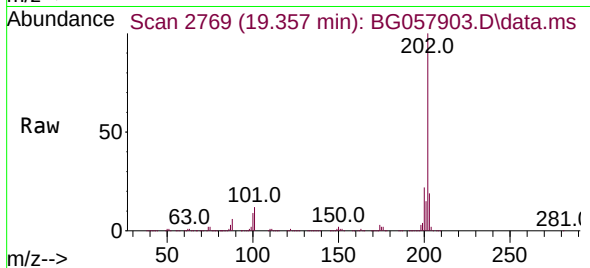
#75
Fluoranthene
Concen: 40.027 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

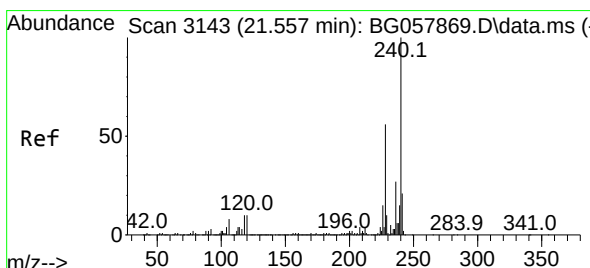
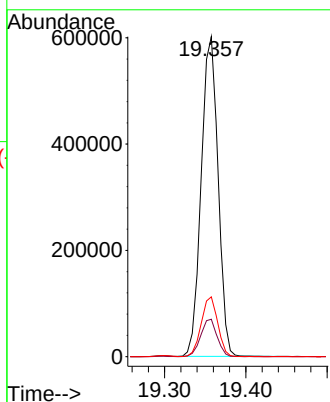
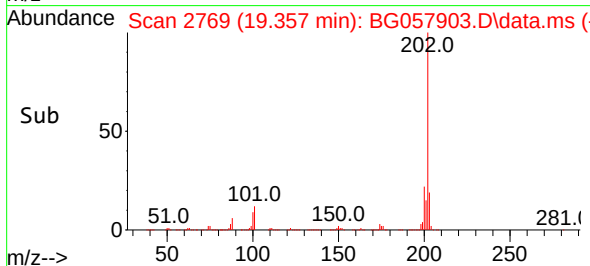


Tgt Ion:202 Resp: 866719
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 18.7 0.0 38.2

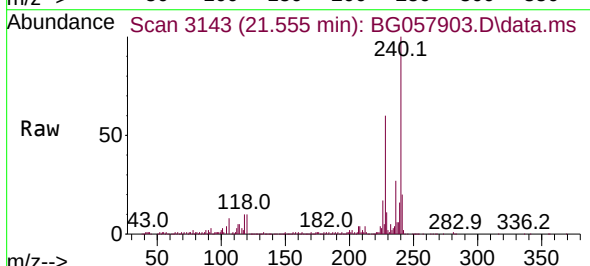
Manual Integrations

APPROVED

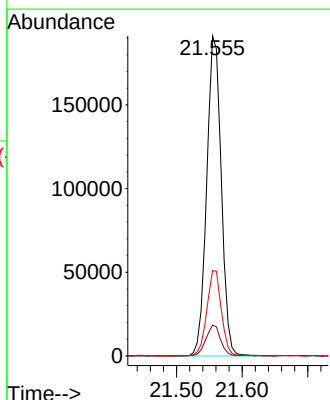
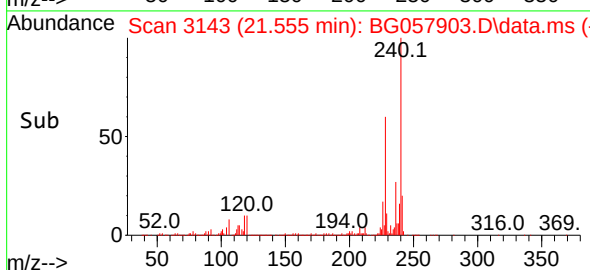
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023

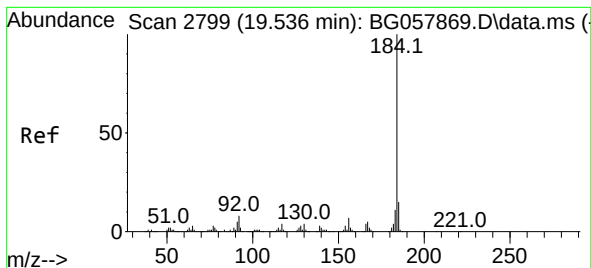


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57



Tgt Ion:240 Resp: 295348
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.7 21.9 32.9





#77

Benzidine

Concen: 37.115 ng

RT: 19.534 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Tgt Ion:184 Resp: 25717

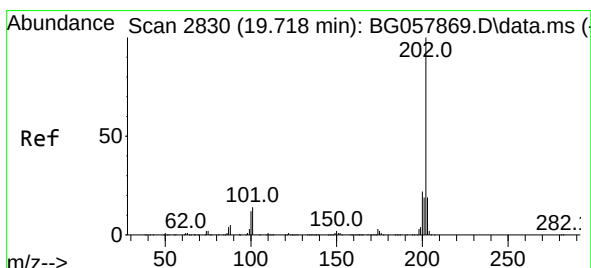
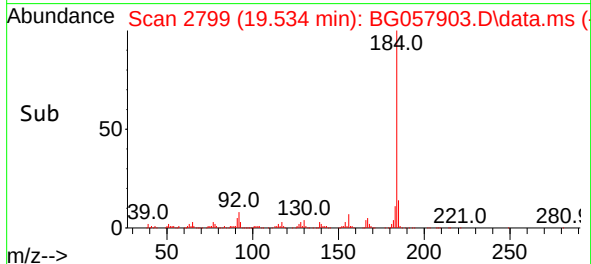
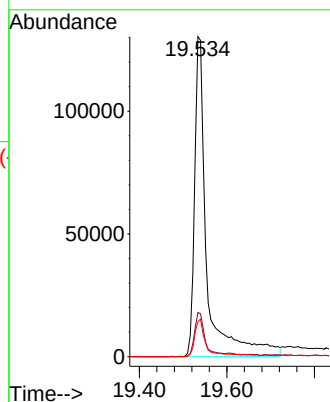
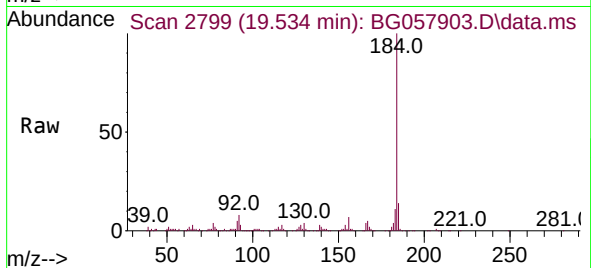
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.7	17.5
183	10.9	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#78

Pyrene

Concen: 41.971 ng

RT: 19.716 min Scan# 2830

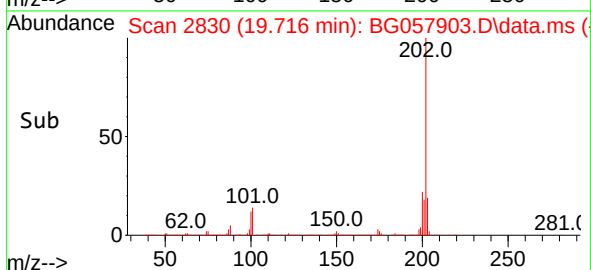
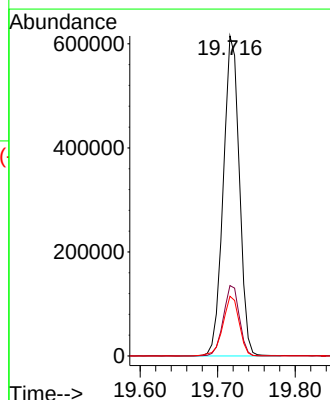
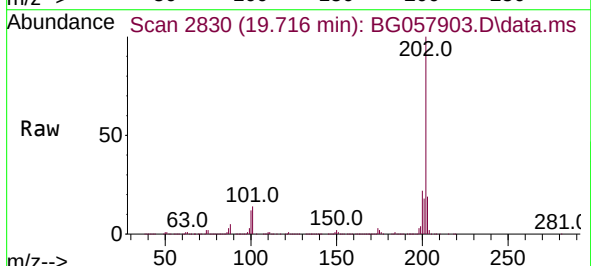
Delta R.T. -0.002 min

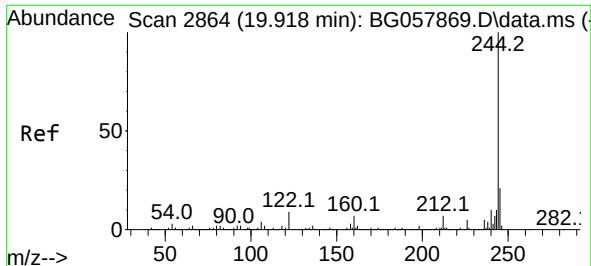
Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Tgt Ion:202 Resp: 885129

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.6	15.2	22.8





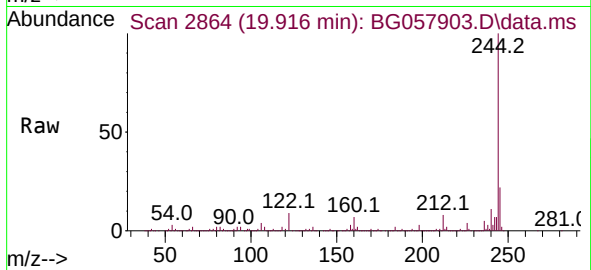
#79
 Terphenyl-d14
 Concen: 82.233 ng
 RT: 19.916 min Scan# 2864
 Delta R.T. -0.002 min
 Lab File: BG057903.D
 Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

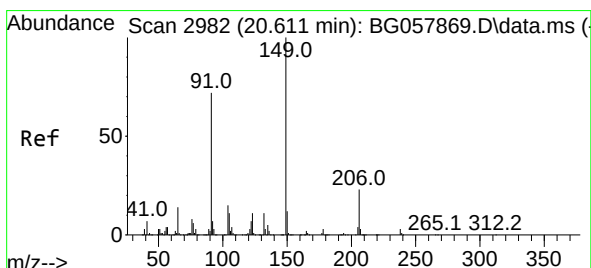
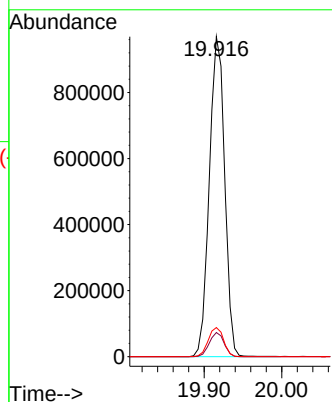
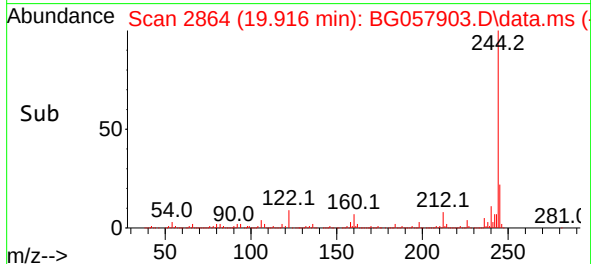


Tgt Ion:244 Resp: 1332200
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.1 7.4 11.0

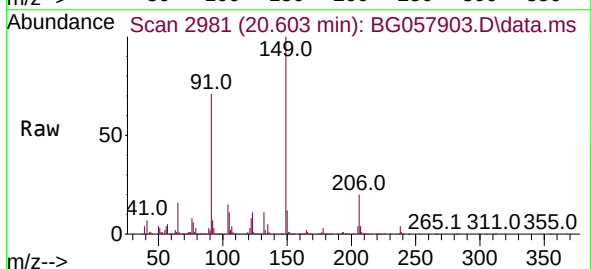
Manual Integrations

APPROVED

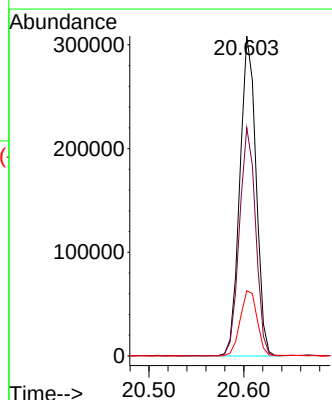
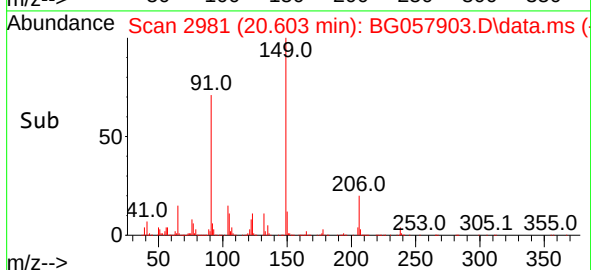
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 07/07/2023

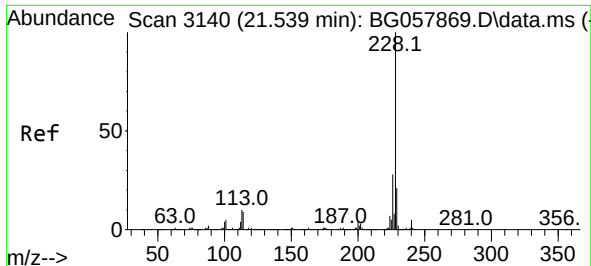


#80
 Butylbenzylphthalate
 Concen: 42.763 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.008 min
 Lab File: BG057903.D
 Acq: 29 Jun 2023 13:57



Tgt Ion:149 Resp: 365690
 Ion Ratio Lower Upper
 149 100
 91 71.4 57.4 86.2
 206 20.4 18.2 27.2





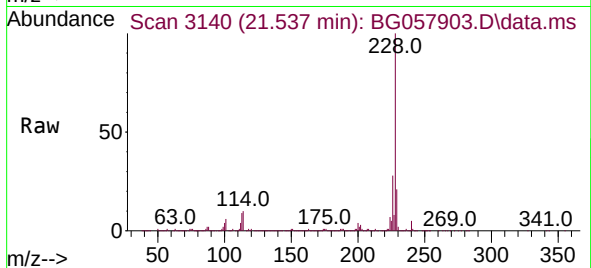
#81
Benzo(a)anthracene
Concen: 41.482 ng
RT: 21.537 min Scan# 3140
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

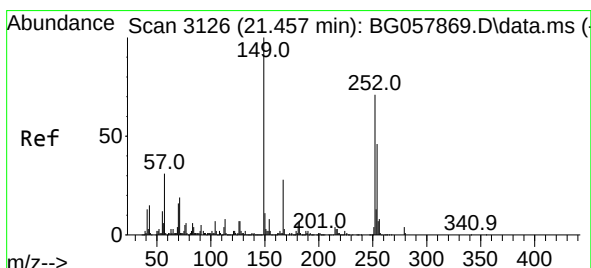
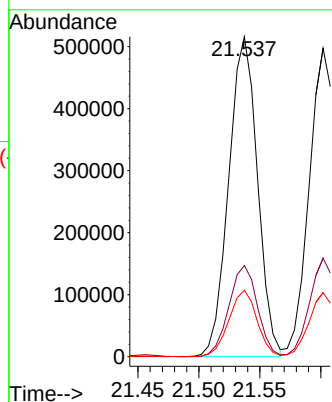
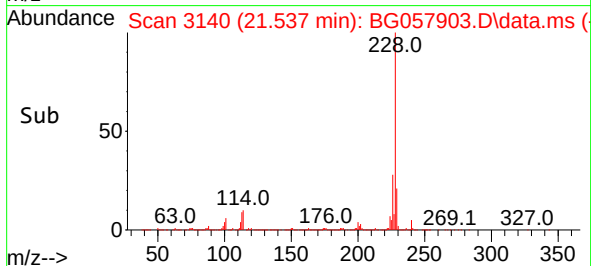


Tgt Ion:228 Resp: 847849
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.8 16.5 24.7

Manual Integrations

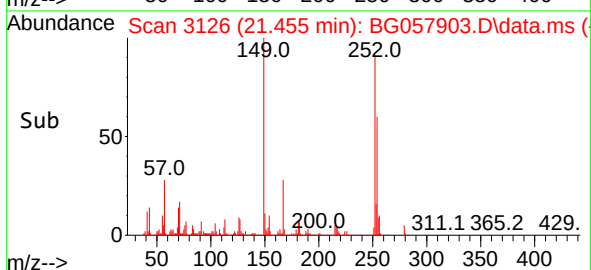
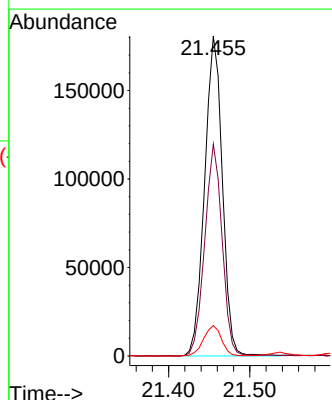
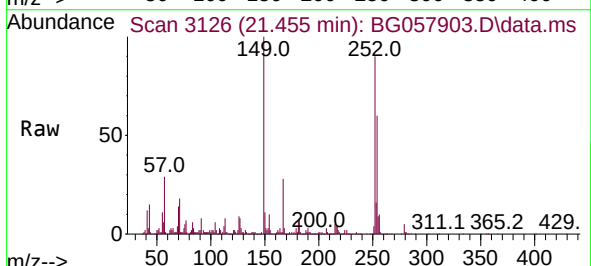
APPROVED

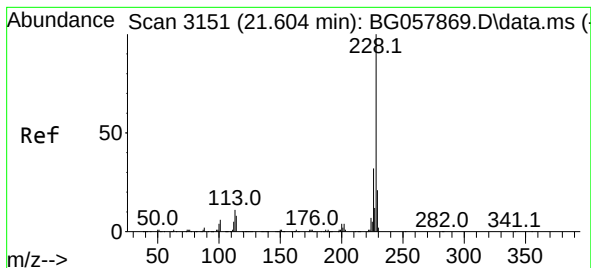
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.681 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:252 Resp: 274045
Ion Ratio Lower Upper
252 100
254 66.2 51.5 77.3
126 9.5 7.4 11.2





#83

Chrysene

Concen: 40.696 ng

RT: 21.602 min Scan# 3151

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

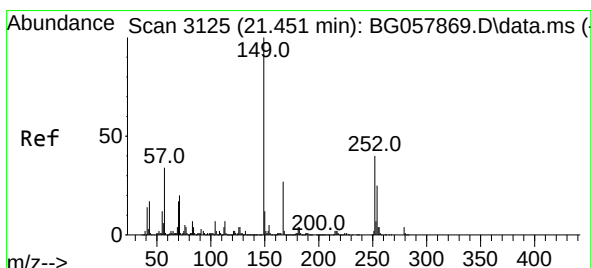
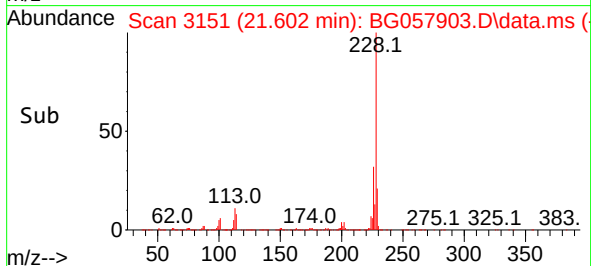
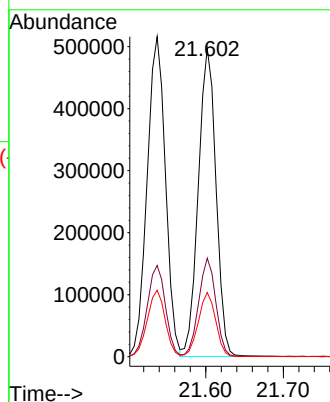
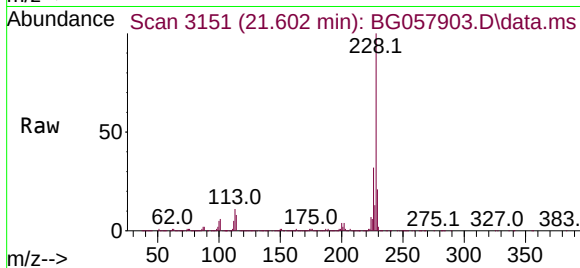
PB153840BS

Tgt Ion:	228	Resp:	78733
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.3	37.9
229	20.8	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.328 ng

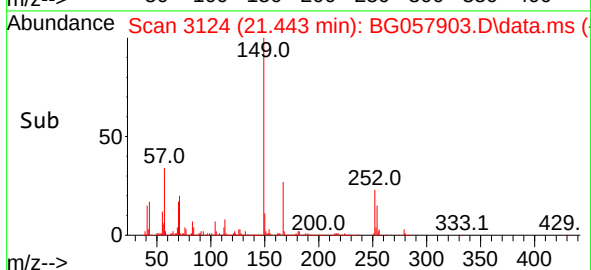
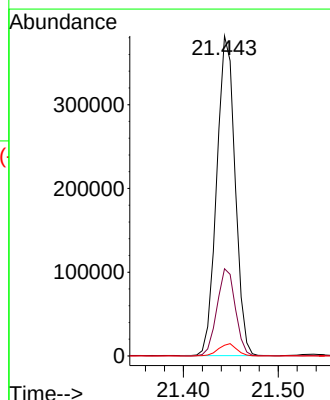
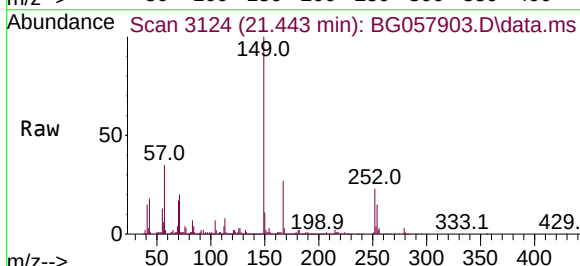
RT: 21.443 min Scan# 3124

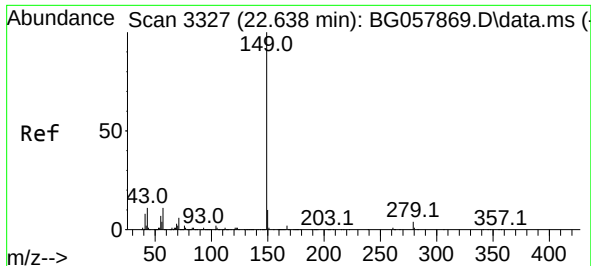
Delta R.T. -0.008 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

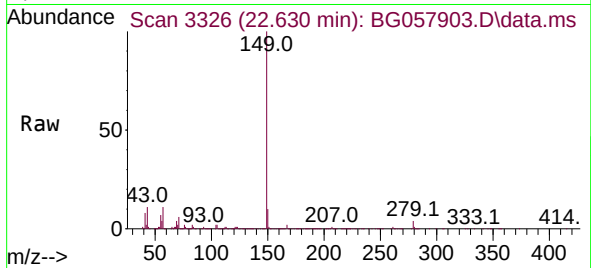
Tgt Ion:	149	Resp:	513928
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.8
279	3.4	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 43.013 ng
RT: 22.630 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

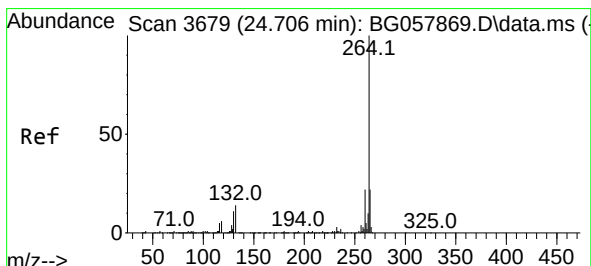
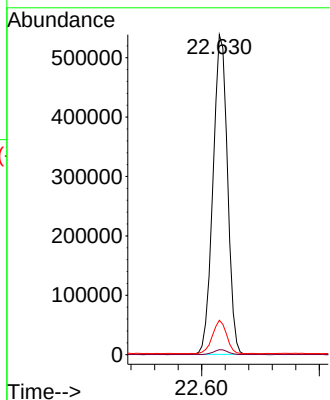
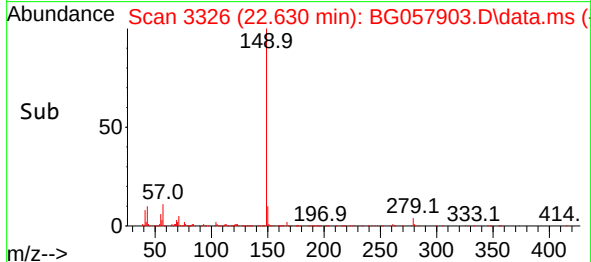
Instrument :
BNA_G
ClientSampleId :
PB153840BS



Tgt Ion:149 Resp: 921578
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 9.0 13.4

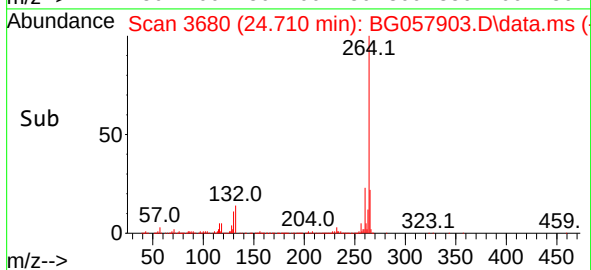
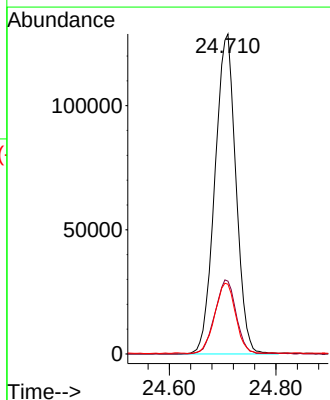
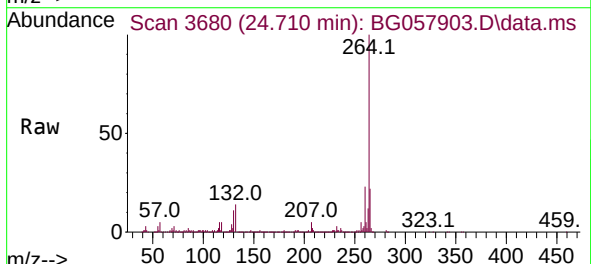
Manual Integrations
APPROVED

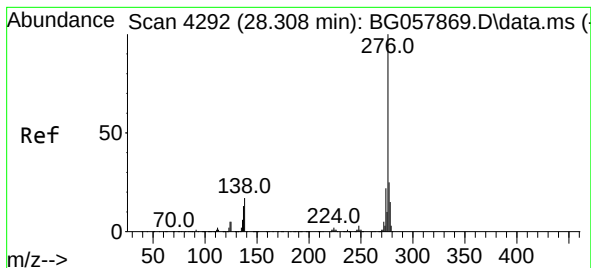
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.710 min Scan# 3680
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:264 Resp: 352643
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.8
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.968 ng

RT: 28.312 min Scan# 4293

Delta R.T. 0.004 min

Lab File: BG057903.D

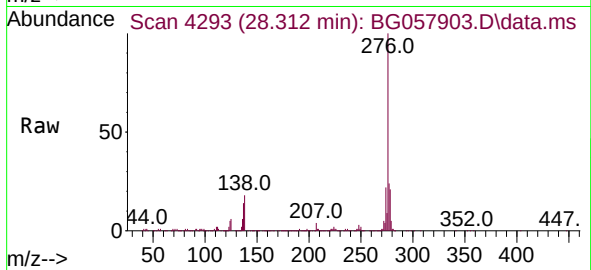
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS



Tgt Ion:276 Resp: 105050

Ion Ratio Lower Upper

276 100

138 21.8 12.2 18.4

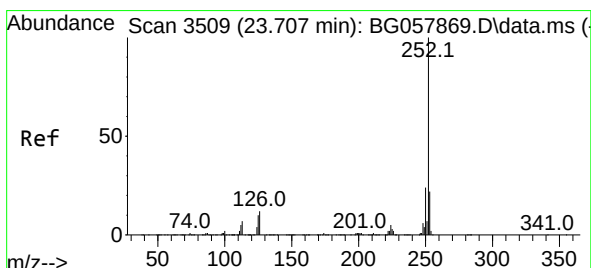
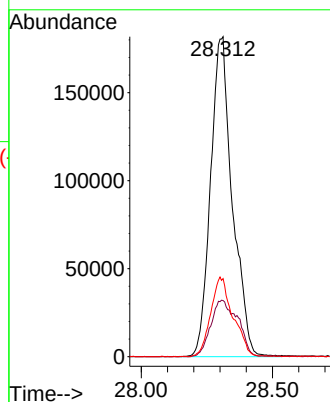
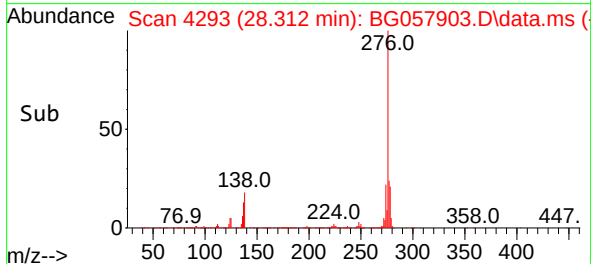
277 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#88

Benzo(b)fluoranthene

Concen: 45.929 ng

RT: 23.705 min Scan# 3509

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

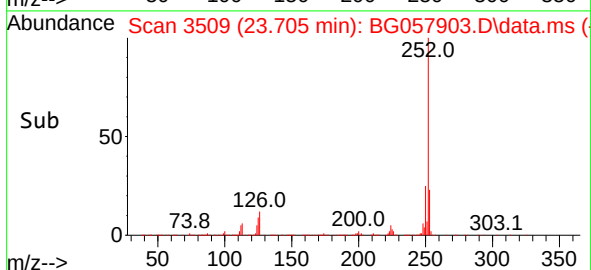
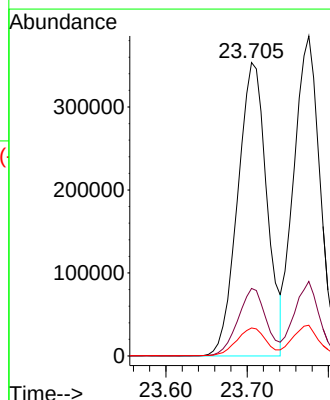
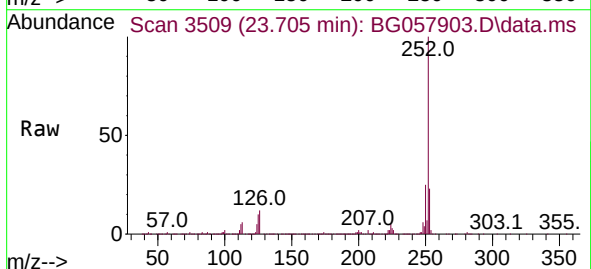
Tgt Ion:252 Resp: 883384

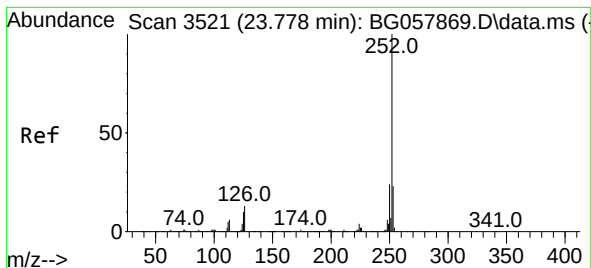
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 9.6 7.7 11.5





#89

Benzo(k)fluoranthene

Concen: 44.246 ng

RT: 23.776 min Scan# 3521

Delta R.T. -0.002 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

ClientSampleId :

PB153840BS

Tgt Ion:252 Resp: 860109

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

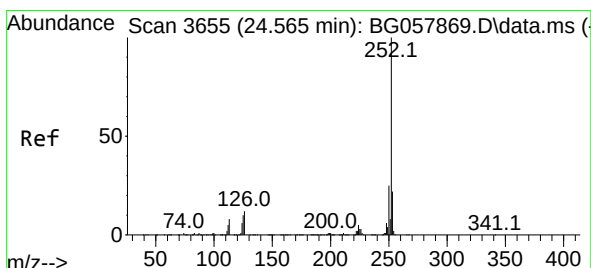
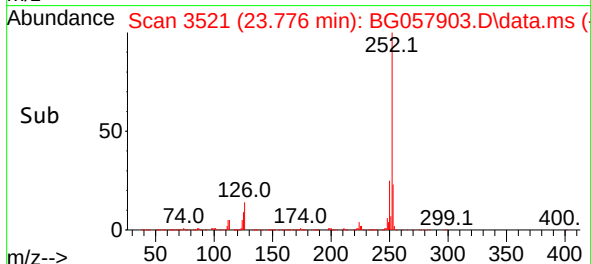
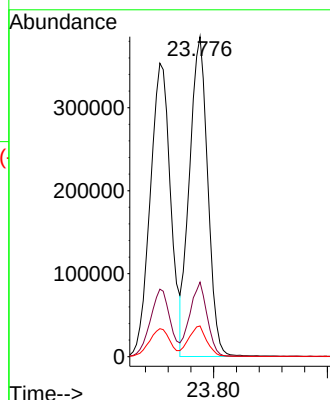
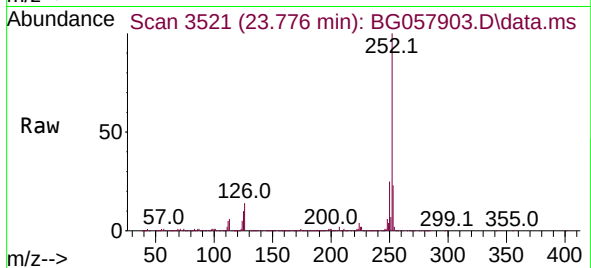
125 9.6 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 07/07/2023



#90

Benzo(a)pyrene

Concen: 41.394 ng

RT: 24.557 min Scan# 3654

Delta R.T. -0.008 min

Lab File: BG057903.D

Acq: 29 Jun 2023 13:57

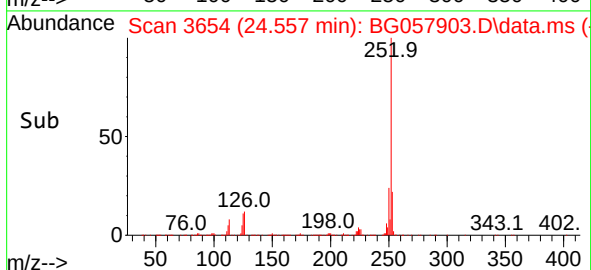
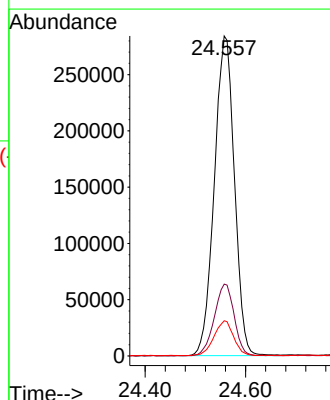
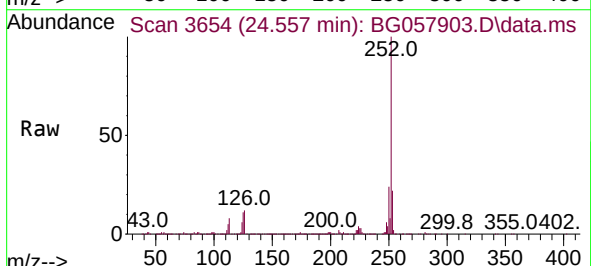
Tgt Ion:252 Resp: 788674

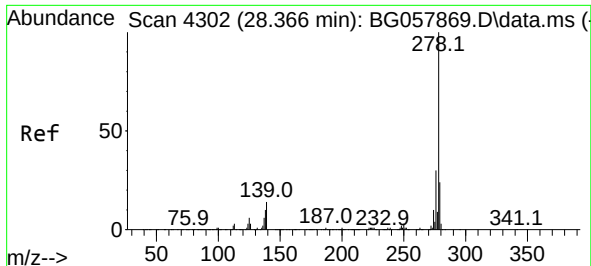
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 11.0 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 45.350 ng
RT: 28.365 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Instrument :

BNA_G

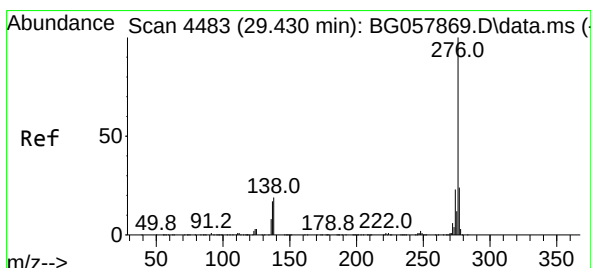
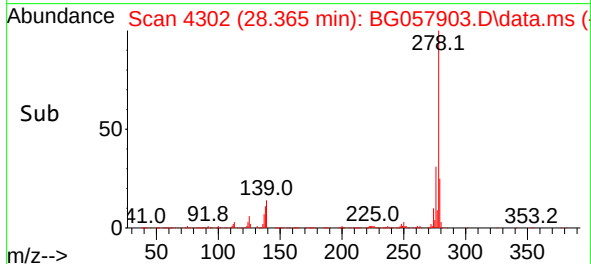
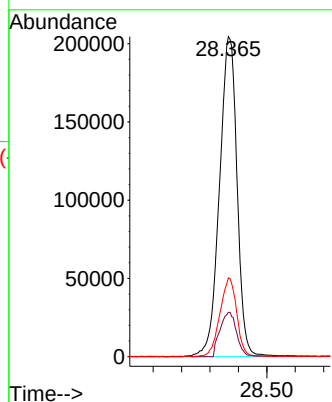
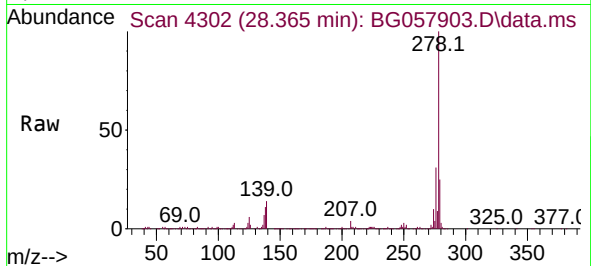
ClientSampleId :

PB153840BS

Tgt Ion:278 Resp: 878820
Ion Ratio Lower Upper
278 100
139 13.8 11.0 16.4
279 24.6 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 07/07/2023



#92
Benzo(g,h,i)perylene
Concen: 44.889 ng
RT: 29.434 min Scan# 4484
Delta R.T. 0.004 min
Lab File: BG057903.D
Acq: 29 Jun 2023 13:57

Tgt Ion:276 Resp: 864522
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 19.4 15.0 22.6

