

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057703.D
 Acq On : 14 Jun 2023 11:31
 Operator : CG/JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153397BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 01:20:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 03:52:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	23537	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	112137	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	85363	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	204650	20.000	ng	0.00
76) Chrysene-d12	21.571	240	172467	20.000	ng	0.00
86) Perylene-d12	24.732	264	204791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	251054	173.679	ng	0.00
7) Phenol-d6	7.100	99	363669	163.768	ng	0.00
23) Nitrobenzene-d5	9.103	82	175069	94.885	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	146067	153.374	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	504250	88.052	ng	0.00
79) Terphenyl-d14	19.932	244	872716	93.556	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	26453	35.945	ng	96
3) Pyridine	3.804	79	73399	35.233	ng	99
4) n-Nitrosodimethylamine	3.721	42	47807	47.051	ng	96
6) Aniline	7.264	93	113442	38.936	ng	97
8) 2-Chlorophenol	7.505	128	86202	62.198	ng	93
9) Benzaldehyde	7.076	77	47389	34.622	ng	96
10) Phenol	7.123	94	128784	59.350	ng	99
11) bis(2-Chloroethyl)ether	7.358	93	83150	48.891	ng	94
12) 1,3-Dichlorobenzene	7.828	146	79130	49.358	ng	98
13) 1,4-Dichlorobenzene	7.975	146	80747	50.800	ng	98
14) 1,2-Dichlorobenzene	8.292	146	79260	51.320	ng	99
15) Benzyl Alcohol	8.175	79	94323	55.461	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.469	45	178950	48.322	ng	98
17) 2-Methylphenol	8.375	107	87096	54.545	ng	98
18) Hexachloroethane	9.027	117	27377	55.734	ng	98
19) n-Nitroso-di-n-propyla...	8.745	70	77994	48.574	ng	97
20) 3+4-Methylphenols	8.704	107	119892	54.914	ng	98
22) Acetophenone	8.763	105	146235	44.889	ng	# 98
24) Nitrobenzene	9.144	77	96202	47.631	ng	98
25) Isophorone	9.661	82	228988	44.057	ng	98
26) 2-Nitrophenol	9.855	139	25895	51.935	ng	# 85
27) 2,4-Dimethylphenol	9.908	122	93262	53.736	ng	97
28) bis(2-Chloroethoxy)met...	10.149	93	127494	47.186	ng	99
29) 2,4-Dichlorophenol	10.384	162	89552	60.827	ng	96
30) 1,2,4-Trichlorobenzene	10.607	180	89793	46.925	ng	99
31) Naphthalene	10.795	128	273681	45.411	ng	98
32) Benzoic acid	10.043	122	47974	70.735	ng	96
33) 4-Chloroaniline	10.895	127	53603	19.104	ng	98
34) Hexachlorobutadiene	11.083	225	52724	43.815	ng	99
35) Caprolactam	11.665	113	33587m	55.302	ng	
36) 4-Chloro-3-methylphenol	12.018	107	115002	55.137	ng	100
37) 2-Methylnaphthalene	12.399	142	197975	44.402	ng	96
38) 1-Methylnaphthalene	12.623	142	186339	44.548	ng	98
40) 1,2,4,5-Tetrachloroben...	12.770	216	105859	43.808	ng	98
41) Hexachlorocyclopentadiene	12.752	237	117341	127.316	ng	97
43) 2,4,6-Trichlorophenol	13.005	196	78340	49.947	ng	99

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Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

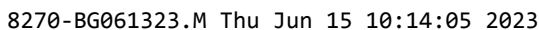
Quant Time: Jun 15 01:20:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

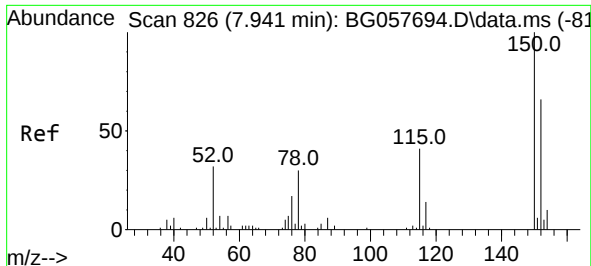
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	88430	47.828	ng	96
46) 1,1'-Biphenyl	13.410	154	268293	45.490	ng	98
47) 2-Chloronaphthalene	13.451	162	206974	46.430	ng	99
48) 2-Nitroaniline	13.651	65	64468	52.041	ng	98
49) Acenaphthylene	14.297	152	350048	45.280	ng	98
50) Dimethylphthalate	14.033	163	293481	46.890	ng	100
51) 2,6-Dinitrotoluene	14.144	165	50102	52.886	ng	93
52) Acenaphthene	14.638	154	221247m	47.744	ng	
53) 3-Nitroaniline	14.473	138	31635	32.867	ng	97
54) 2,4-Dinitrophenol	14.679	184	35556	88.330	ng	99
55) Dibenzofuran	14.973	168	344131	44.242	ng	99
56) 4-Nitrophenol	14.773	139	95839	93.057	ng	99
57) 2,4-Dinitrotoluene	14.932	165	67613	54.361	ng	96
58) Fluorene	15.619	166	272981	44.056	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.190	232	77010	49.848	ng	96
60) Diethylphthalate	15.396	149	303859	47.030	ng	99
61) 4-Chlorophenyl-phenyle...	15.613	204	144948	43.665	ng	97
62) 4-Nitroaniline	15.637	138	55268	46.673	ng	96
63) Azobenzene	15.907	77	309109	44.495	ng	98
65) 4,6-Dinitro-2-methylph...	15.690	198	27313	54.958	ng	91
66) n-Nitrosodiphenylamine	15.825	169	246846	46.141	ng	99
67) 4-Bromophenyl-phenylether	16.506	248	94024	45.121	ng	99
68) Hexachlorobenzene	16.618	284	104722	48.088	ng	99
69) Atrazine	16.777	200	99758	56.047	ng	97
70) Pentachlorophenol	16.959	266	129691	99.196	ng	98
71) Phenanthrene	17.358	178	452590	45.321	ng	99
72) Anthracene	17.446	178	461462	45.614	ng	100
73) Carbazole	17.717	167	433769	46.298	ng	99
74) Di-n-butylphthalate	18.281	149	523938	50.452	ng	99
75) Fluoranthene	19.368	202	539369	44.834	ng	100
77) Benzidine	19.550	184	200567	48.783	ng	97
78) Pyrene	19.732	202	560817	45.702	ng	99
80) Butylbenzylphthalate	20.625	149	217939	48.730	ng	100
81) Benzo(a)anthracene	21.553	228	551424	46.297	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	120565	31.077	ng	98
83) Chrysene	21.618	228	508277	44.841	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	326722	54.044	ng	100
85) Di-n-octyl phthalate	22.676	149	564608	54.162	ng	99
87) Indeno(1,2,3-cd)pyrene	28.340	276	664792	50.170	ng	98
88) Benzo(b)fluoranthene	23.733	252	578568	52.078	ng	99
89) Benzo(k)fluoranthene	23.804	252	558783	48.496	ng	97
90) Benzo(a)pyrene	24.585	252	505445	46.272	ng	99
91) Dibenzo(a,h)anthracene	28.416	278	550468	50.271	ng	99
92) Benzo(g,h,i)perylene	29.474	276	542762	49.661	ng	98

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

Manual Integrations

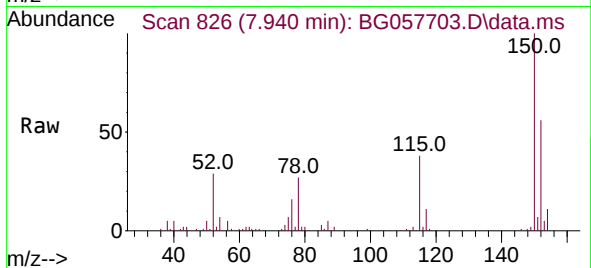
Quant Time: Jun 15 01:20:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

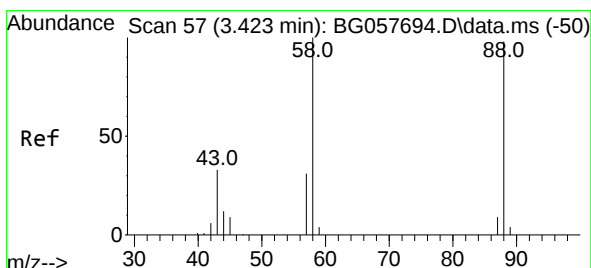
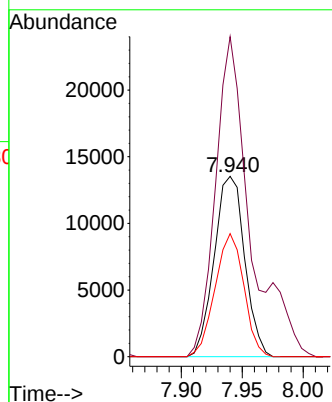
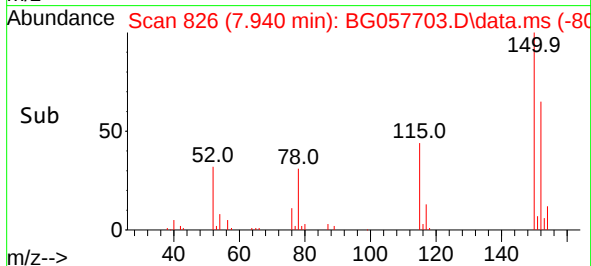
Instrument :
BNA_G
ClientSampleId :
PB153397BS



Tgt Ion:152 Resp: 2353
Ion Ratio Lower Upper
152 100
150 177.5 120.8 181.2
115 68.3 49.4 74.2

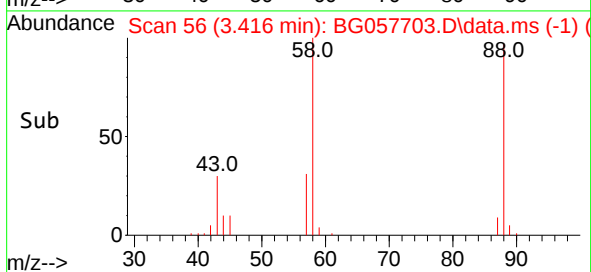
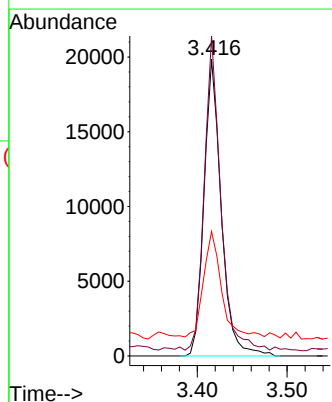
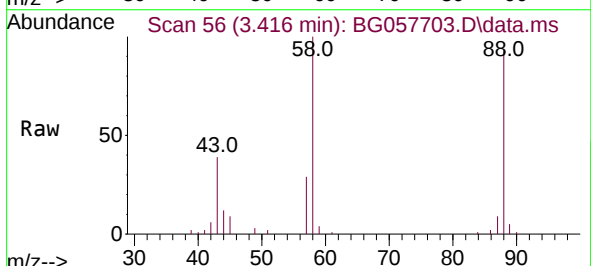
Manual Integrations
APPROVED

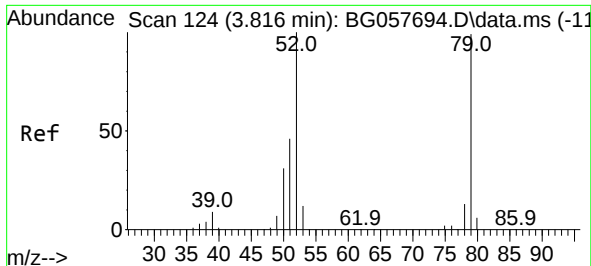
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 35.945 ng
RT: 3.416 min Scan# 56
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

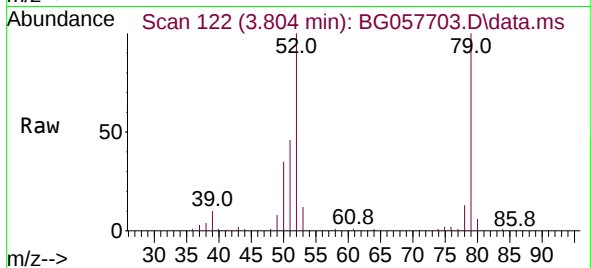
Tgt Ion: 88 Resp: 26453
Ion Ratio Lower Upper
88 100
58 100.4 83.0 124.6
43 37.2 26.2 39.4





#3
Pyridine
Concen: 35.233 ng
RT: 3.804 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

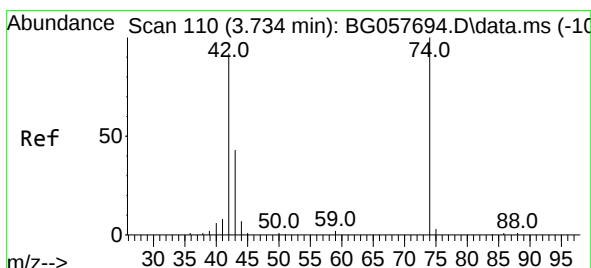
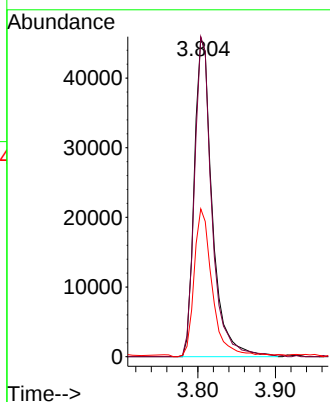
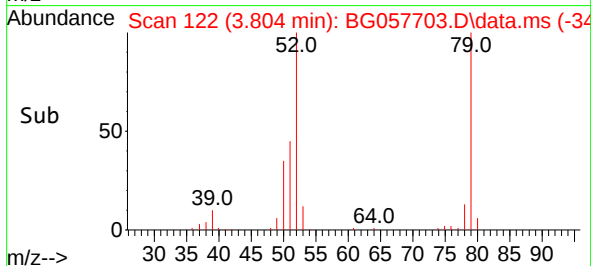
Instrument :
BNA_G
ClientSampleId :
PB153397BS



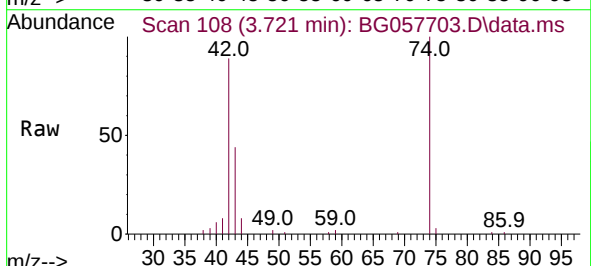
Tgt Ion: 79 Resp: 7339
Ion Ratio Lower Upper
79 100
52 100.5 81.1 121.7
51 46.4 38.0 57.0

Manual Integrations
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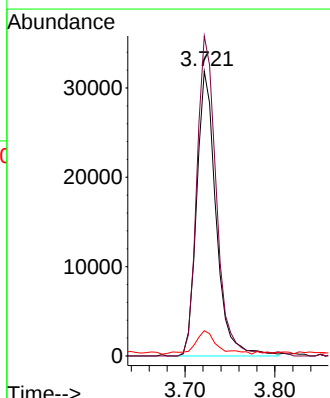
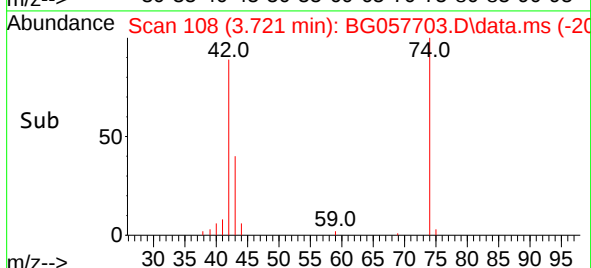
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

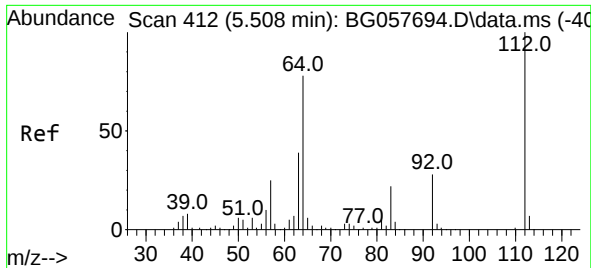


#4
n-Nitrosodimethylamine
Concen: 47.051 ng
RT: 3.721 min Scan# 108
Delta R.T. -0.013 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion: 42 Resp: 47807
Ion Ratio Lower Upper
42 100
74 112.4 86.8 130.2
44 8.9 7.5 11.3





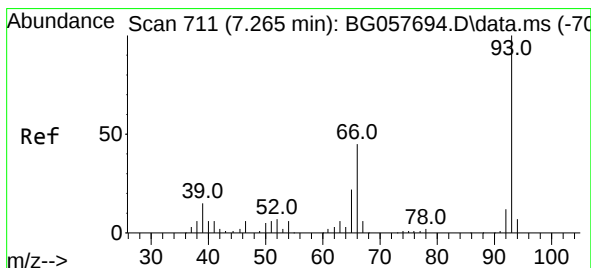
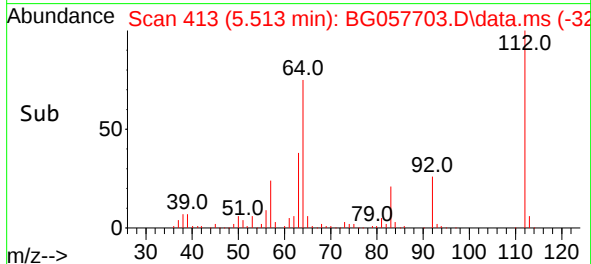
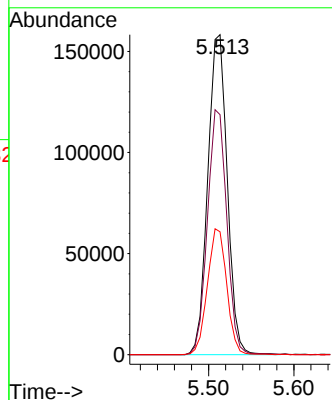
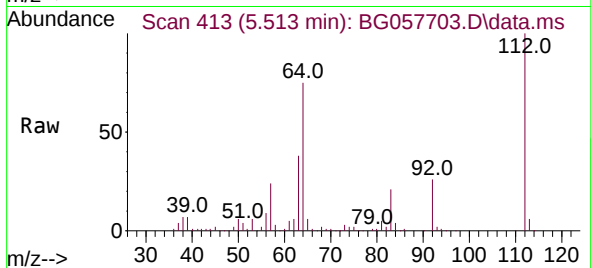
#5
2-Fluorophenol
Concen: 173.679 ng
RT: 5.513 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :
BNA_G
ClientSampleId :
PB153397BS

Tgt Ion:112 Resp: 251054
Ion Ratio Lower Upper
112 100
64 75.0 62.3 93.5
63 38.4 31.5 47.3

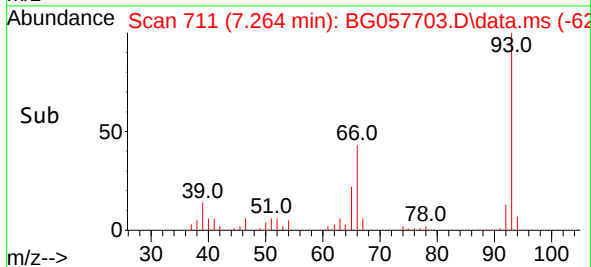
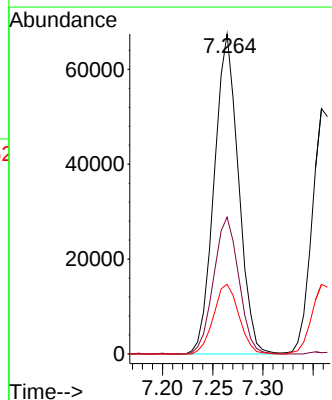
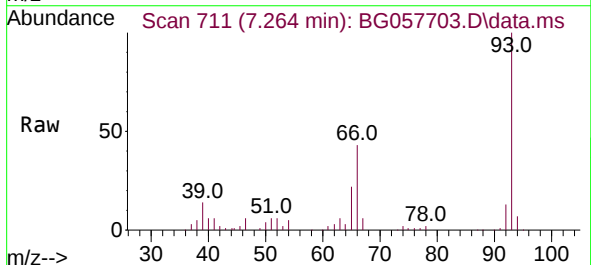
Manual Integrations
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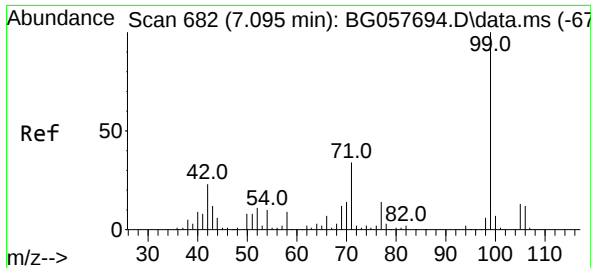
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 38.936 ng
RT: 7.264 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion: 93 Resp: 113442
Ion Ratio Lower Upper
93 100
66 42.7 36.1 54.1
65 21.8 17.2 25.8





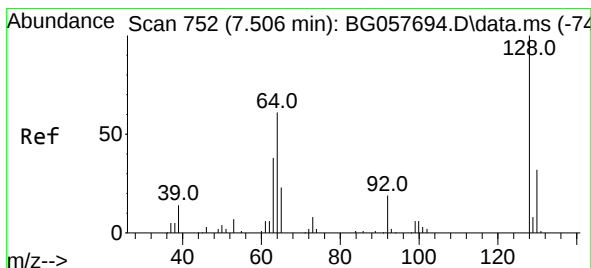
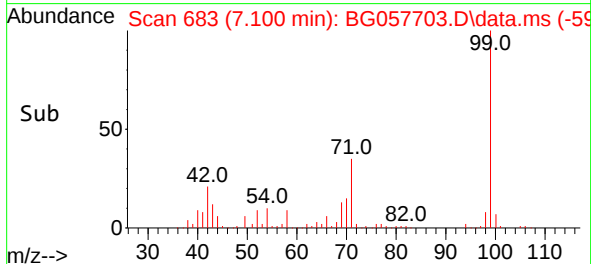
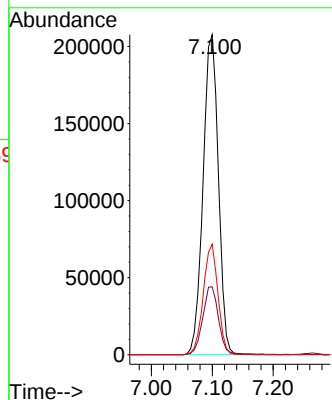
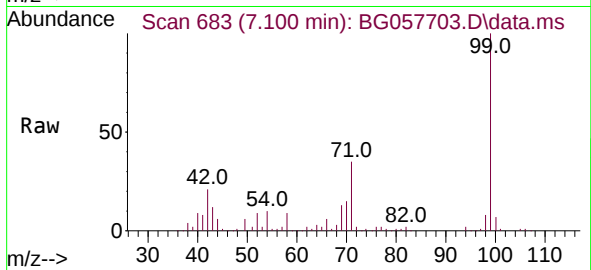
#7
Phenol-d6
Concen: 163.768 ng
RT: 7.100 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 36366
Ion Ratio Lower Upper
99 100
42 21.2 18.3 27.5
71 34.5 27.5 41.3

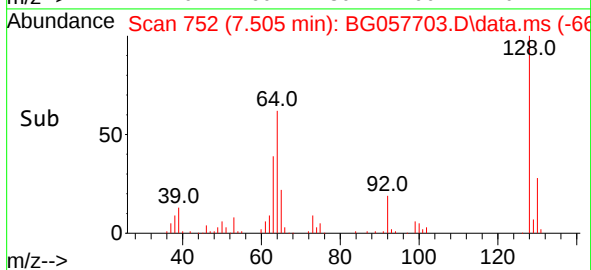
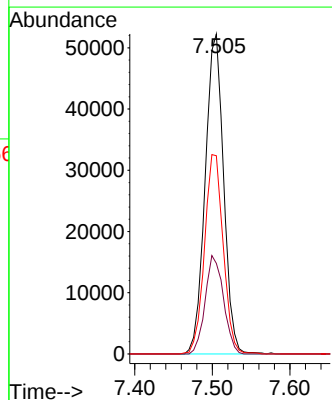
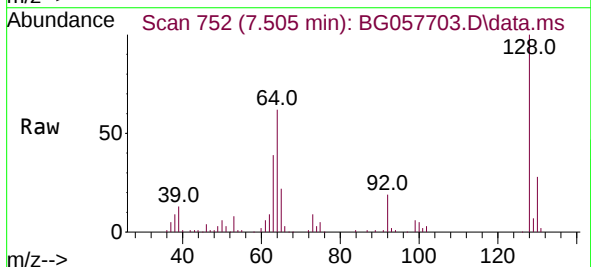
Manual Integrations
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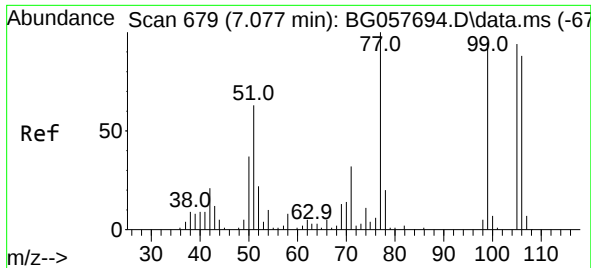
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#8
2-Chlorophenol
Concen: 62.198 ng
RT: 7.505 min Scan# 752
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:128 Resp: 86202
Ion Ratio Lower Upper
128 100
130 28.3 12.4 52.4
64 61.9 47.2 87.2





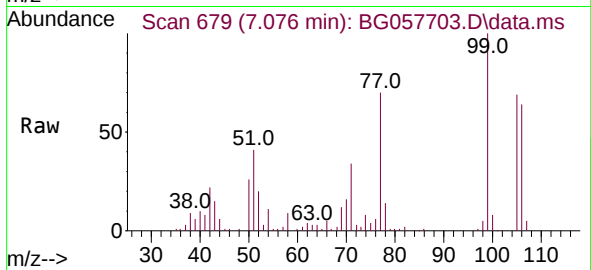
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Benzaldehyde
Concen: 34.622 ng
RT: 7.076 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS



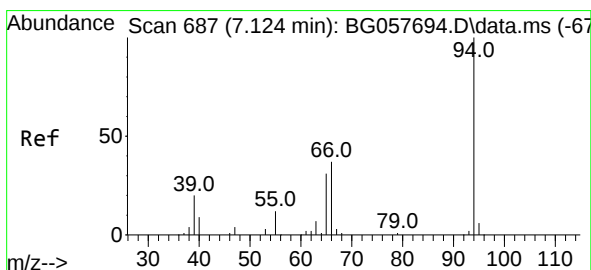
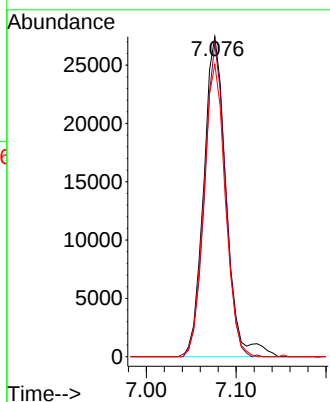
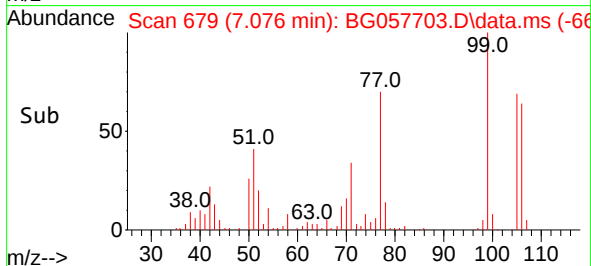
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Ion Ratio Lower Upper
77 100
105 97.8 73.9 113.9
106 91.4 68.2 108.2

Manual Integrations

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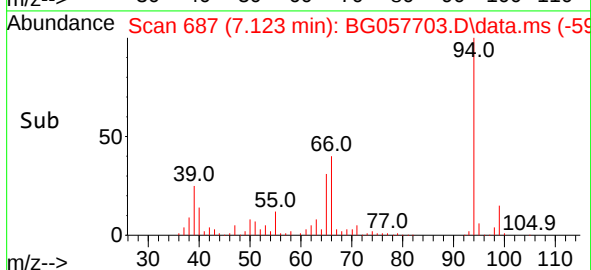
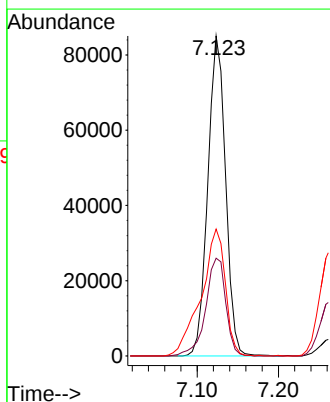
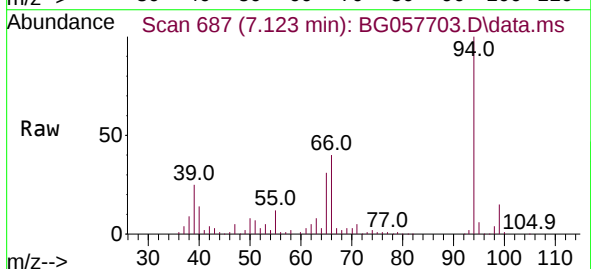
Reviewed By :Yogesh Patel 06/15/2023

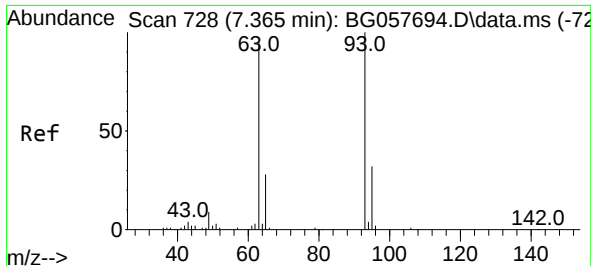
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 59.350 ng
RT: 7.123 min Scan# 687
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion: 94 Resp: 128784
Ion Ratio Lower Upper
94 100
65 30.5 11.5 51.5
66 39.7 20.1 60.1





#11
bis(2-Chloroethyl)ether
Concen: 48.891 ng
RT: 7.358 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

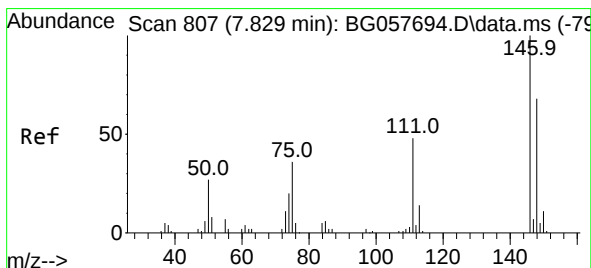
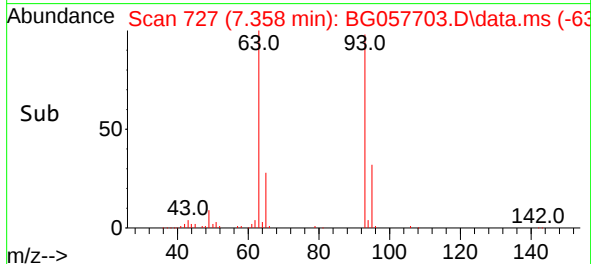
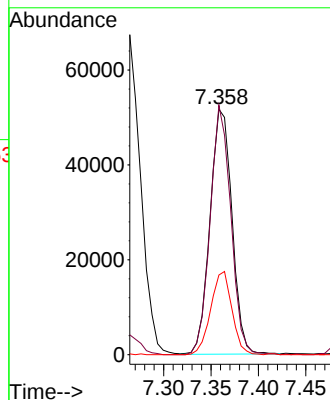
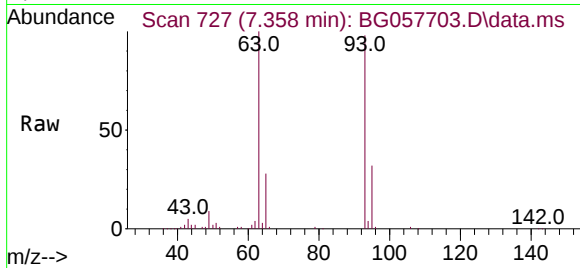
ClientSampleId :

PB153397BS

Tgt Ion: 93 Resp: 83150
Ion Ratio Lower Upper
93 100
63 101.7 74.5 114.5
95 32.4 12.1 52.1

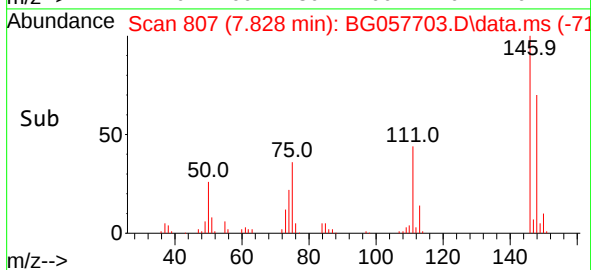
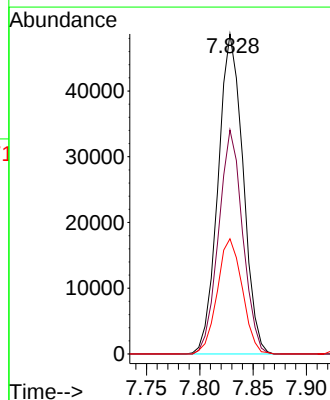
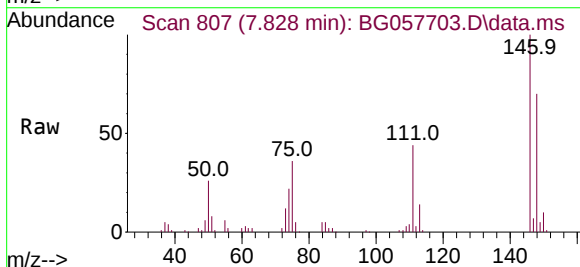
Manual Integrations
APPROVED

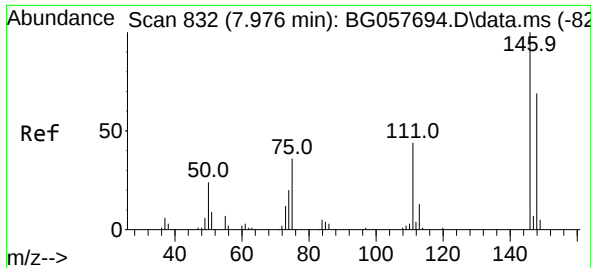
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 49.358 ng
RT: 7.828 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:146 Resp: 79130
Ion Ratio Lower Upper
146 100
148 70.0 54.6 81.8
75 36.0 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 50.800 ng

RT: 7.975 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

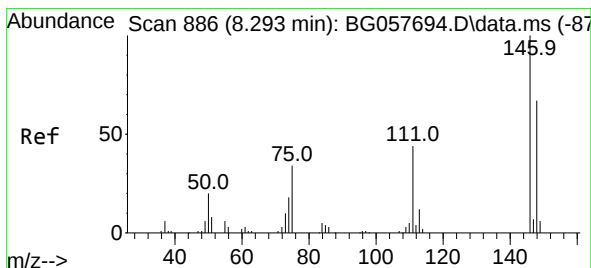
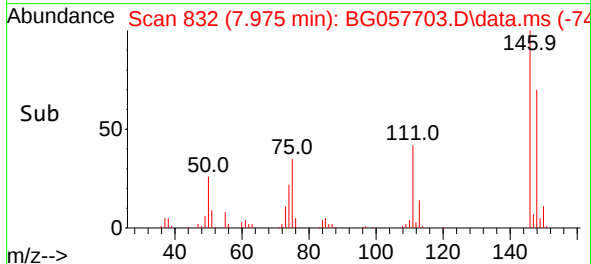
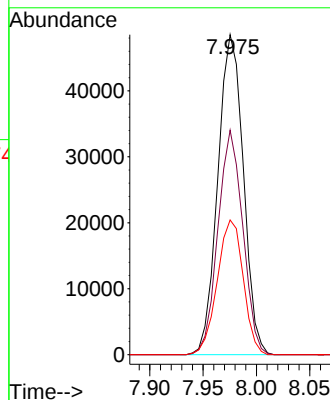
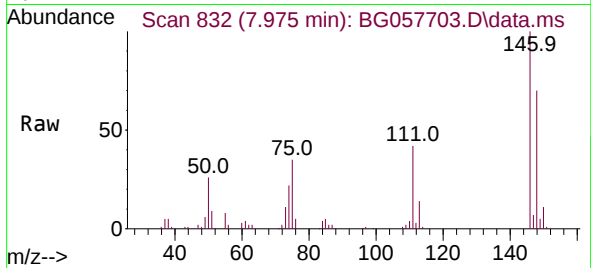
Tgt Ion:146 Resp: 8074
 Ion Ratio Lower Upper
 146 100
 148 70.2 55.5 83.3
 111 42.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 51.320 ng

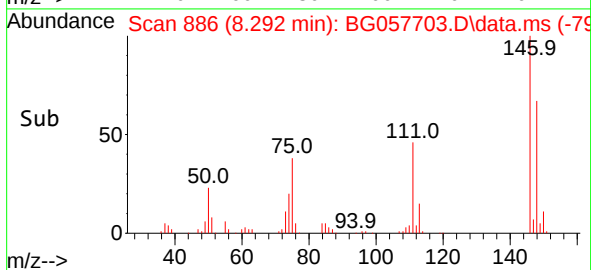
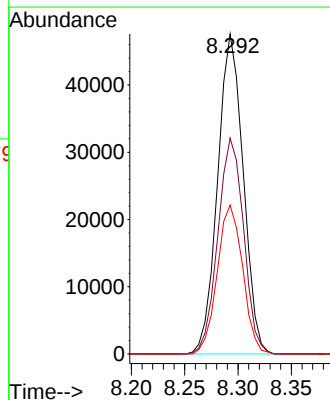
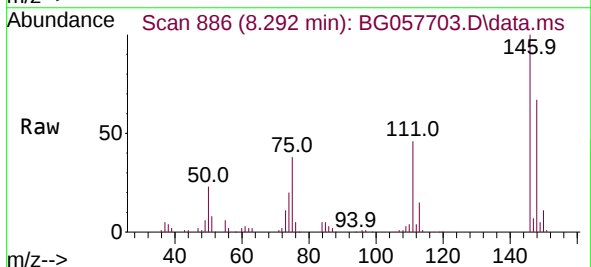
RT: 8.292 min Scan# 886

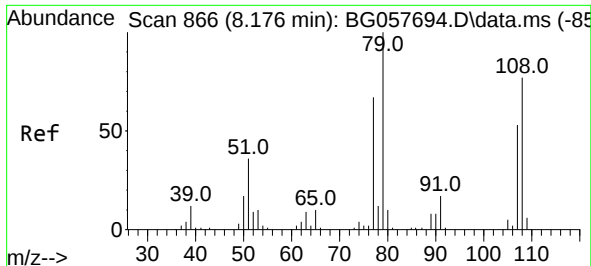
Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Tgt Ion:146 Resp: 79260
 Ion Ratio Lower Upper
 146 100
 148 67.4 53.8 80.8
 111 46.5 35.8 53.6





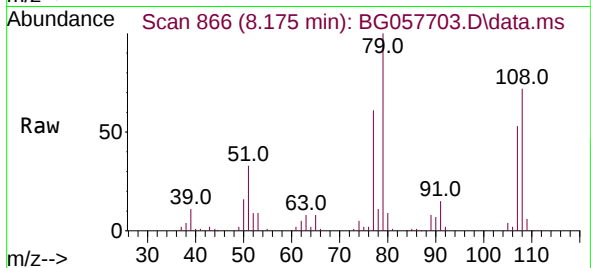
#15
Benzyl Alcohol
Concen: 55.461 ng
RT: 8.175 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

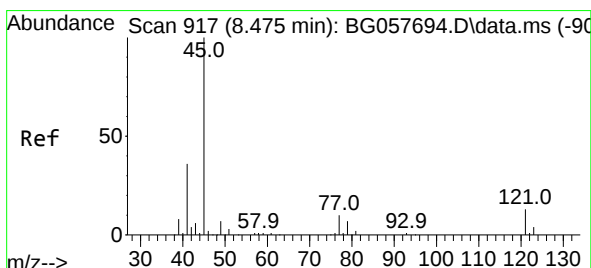
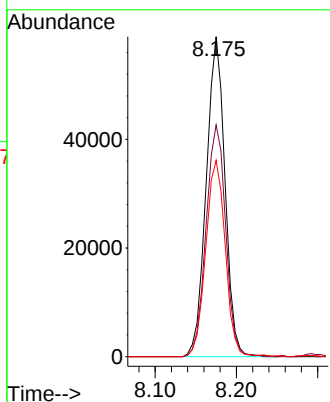
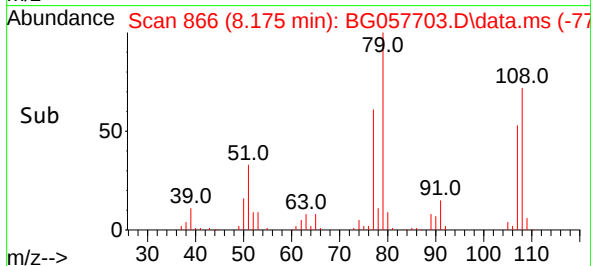
PB153397BS



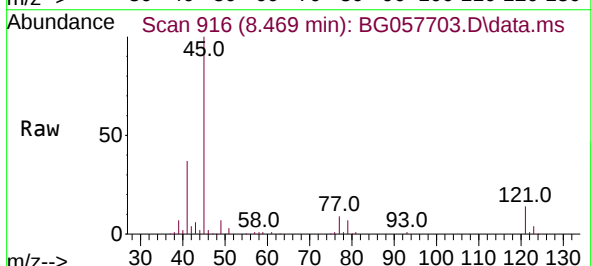
Tgt Ion: 79 Resp: 9432
Ion Ratio Lower Upper
79 100
108 72.4 61.6 92.4
77 61.4 53.2 79.8

Manual Integrations
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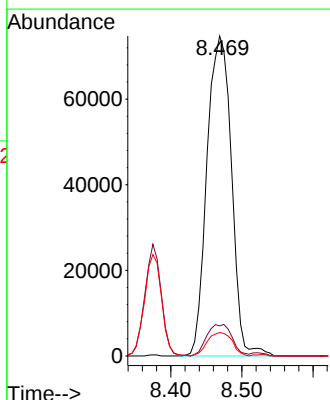
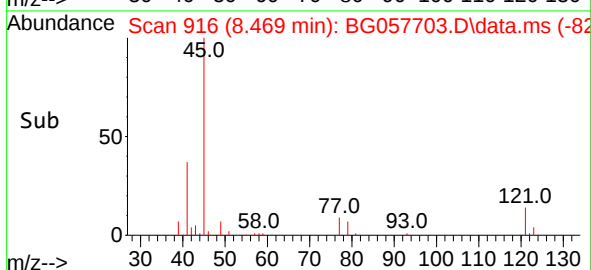
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

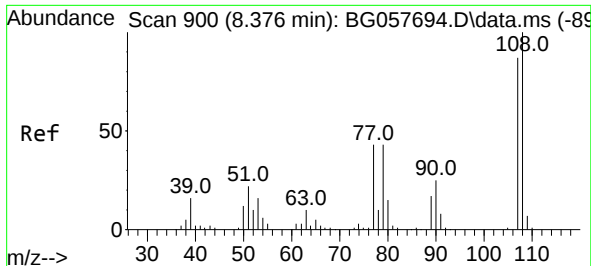


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.322 ng
RT: 8.469 min Scan# 916
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion: 45 Resp: 178950
Ion Ratio Lower Upper
45 100
77 9.4 0.0 30.3
79 7.3 0.0 26.9





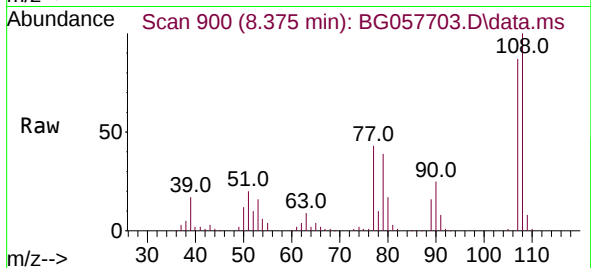
#17
2-Methylphenol
Concen: 54.545 ng
RT: 8.375 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS



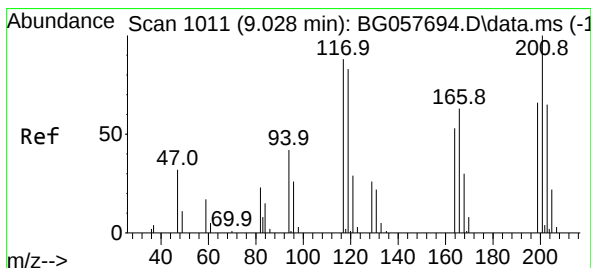
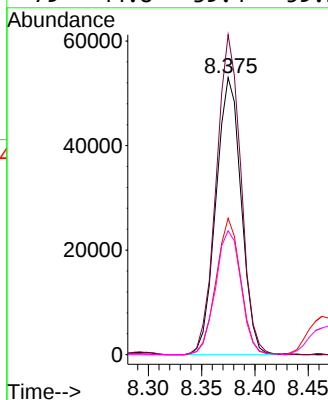
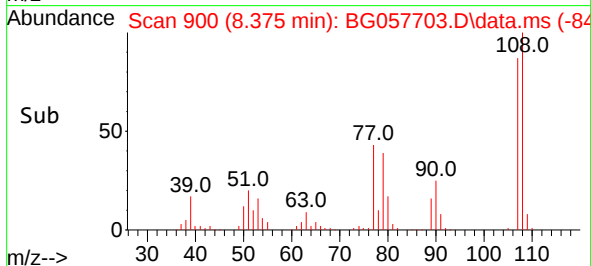
Tgt Ion:	107	Resp:	87090
Ion Ratio	Lower	Upper	
107	100		
108	115.5	92.4	138.6
77	49.3	39.9	59.9
79	44.8	39.4	59.2

Manual Integrations

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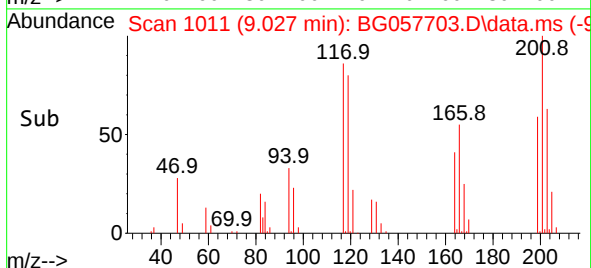
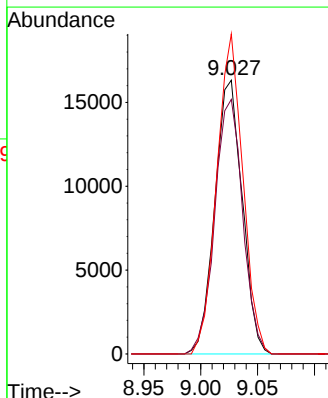
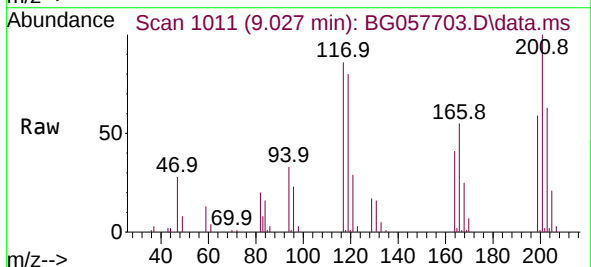
Reviewed By :Yogesh Patel 06/15/2023

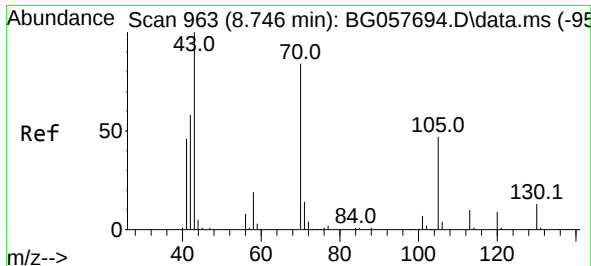
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 55.734 ng
RT: 9.027 min Scan# 1011
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:	117	Resp:	27377
Ion Ratio	Lower	Upper	
117	100		
119	92.9	75.7	113.5
201	116.9	91.0	136.6





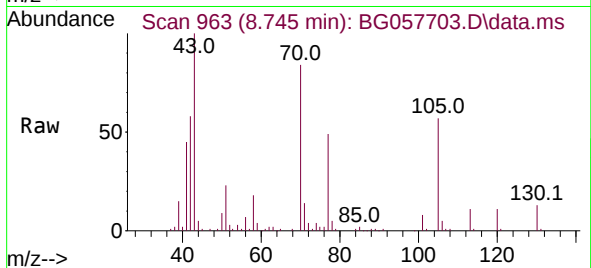
#19
n-Nitroso-di-n-propylamine
Concen: 48.574 ng
RT: 8.745 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

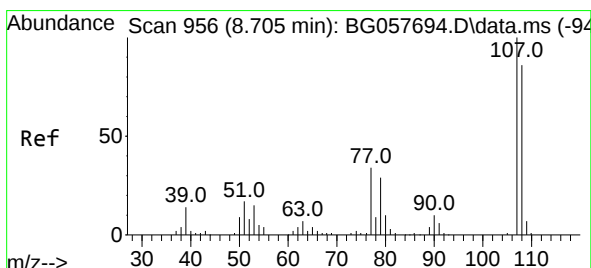
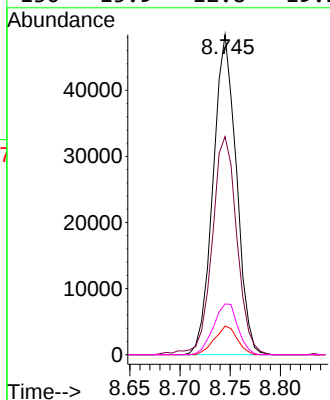
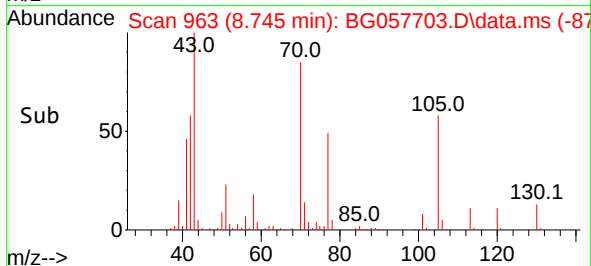


Tgt Ion: 70 Resp: 77994
Ion Ratio Lower Upper
70 100
42 68.2 56.6 84.8
101 8.9 6.2 9.4
130 15.9 12.8 19.2

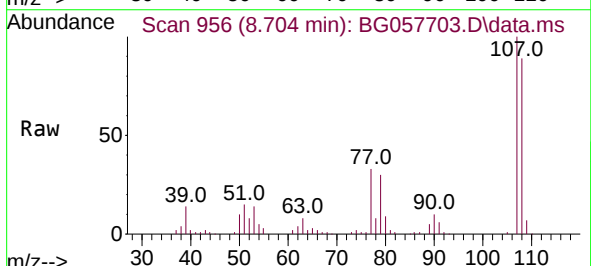
Manual Integrations

APPROVED

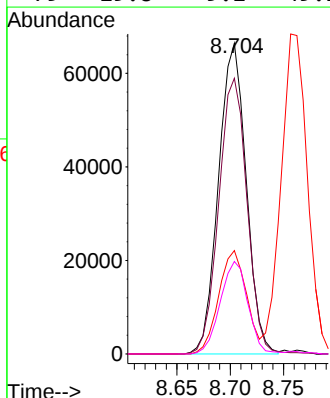
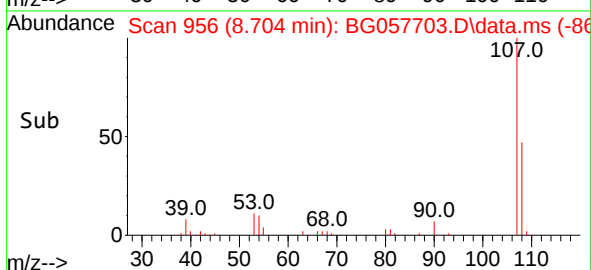
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

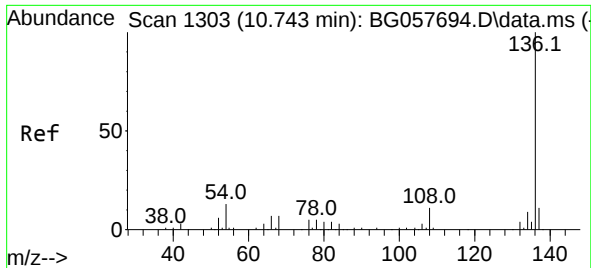


#20
3+4-Methylphenols
Concen: 54.914 ng
RT: 8.704 min Scan# 956
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:107 Resp: 119892
Ion Ratio Lower Upper
107 100
108 88.8 66.3 106.3
77 33.3 13.9 53.9
79 29.8 9.2 49.2





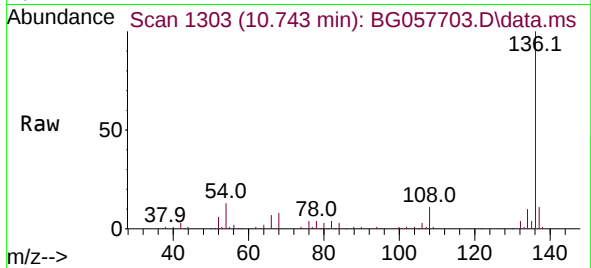
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS



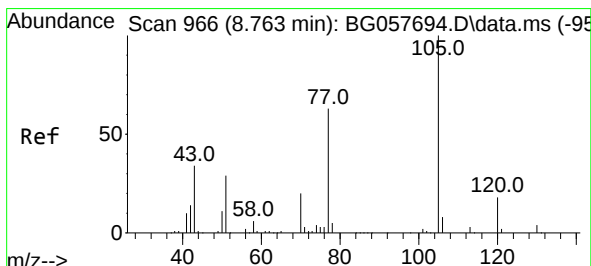
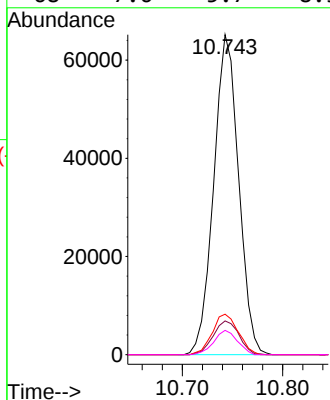
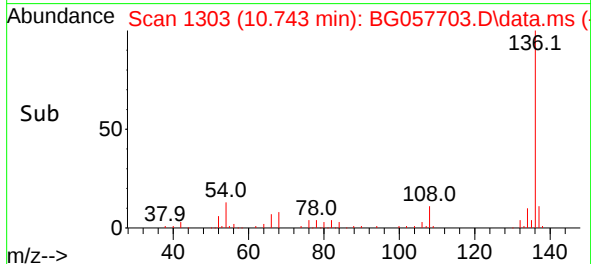
Tgt Ion:136 Resp: 112135
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 12.6 10.8 16.2
68 7.6 5.7 8.5

Manual Integrations

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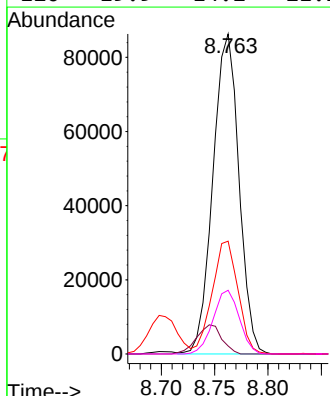
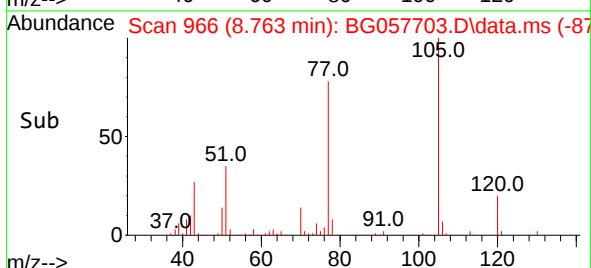
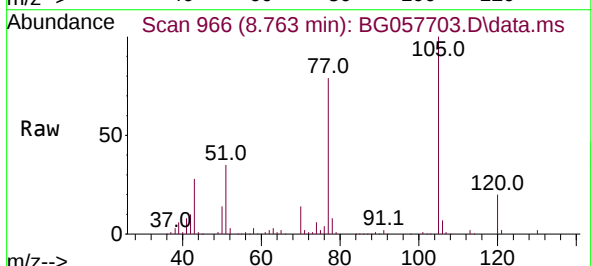
Reviewed By :Yogesh Patel 06/15/2023

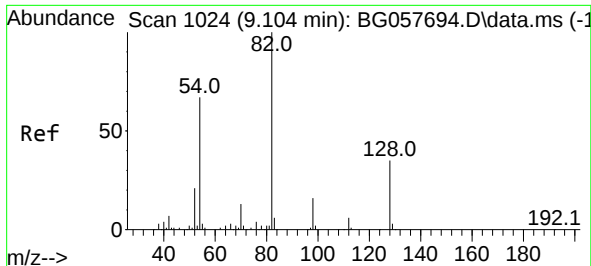
Supervised By :mohammad ahmed 06/16/2023



#22
Acetophenone
Concen: 44.889 ng
RT: 8.763 min Scan# 966
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:105 Resp: 146235
Ion Ratio Lower Upper
105 100
71 2.5 2.6 3.8#
51 35.3 28.3 42.5
120 19.9 14.2 21.2





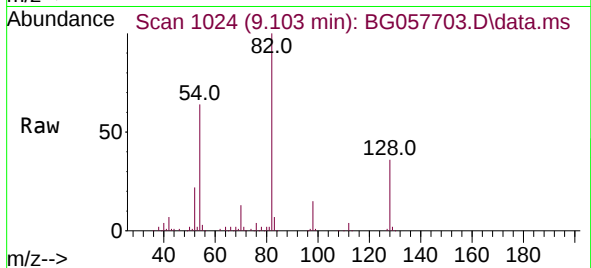
#23
Nitrobenzene-d5
Concen: 94.885 ng
RT: 9.103 min Scan# 1024
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

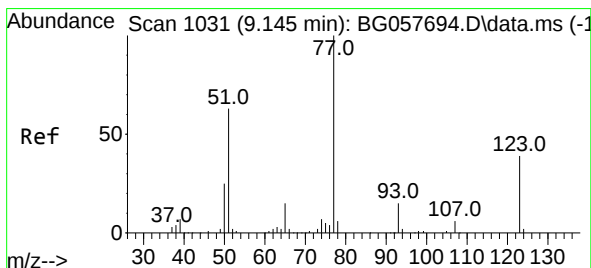
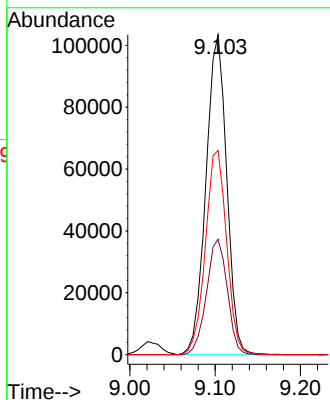
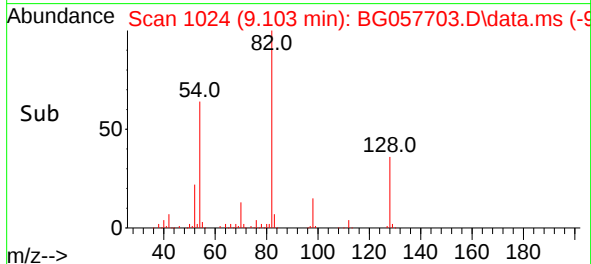
PB153397BS



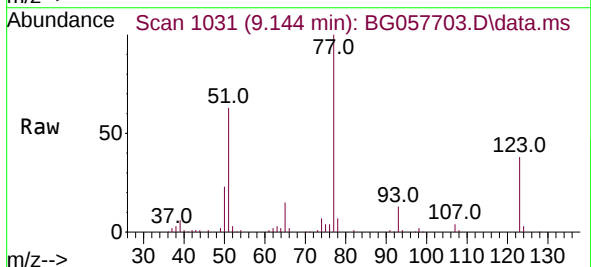
Tgt Ion: 82 Resp: 175069
Ion Ratio Lower Upper
82 100
128 36.1 27.7 41.5
54 63.8 53.8 80.8

Manual Integrations
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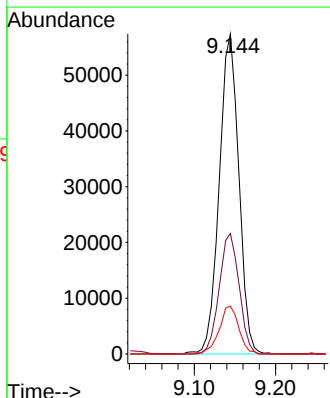
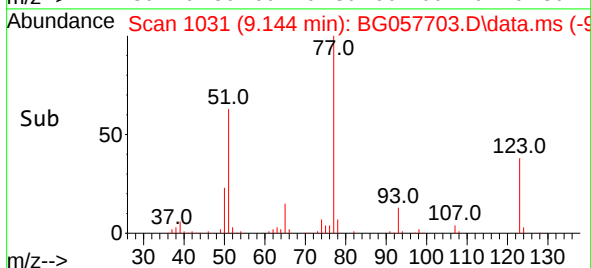
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

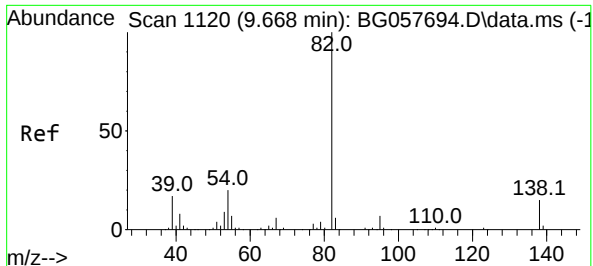


#24
Nitrobenzene
Concen: 47.631 ng
RT: 9.144 min Scan# 1031
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion: 77 Resp: 96202
Ion Ratio Lower Upper
77 100
123 37.6 31.2 46.8
65 15.0 11.6 17.4





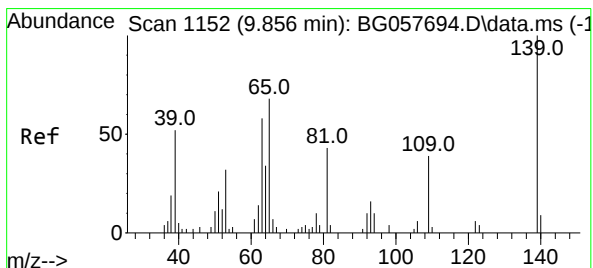
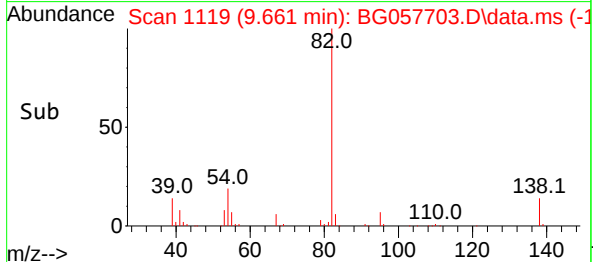
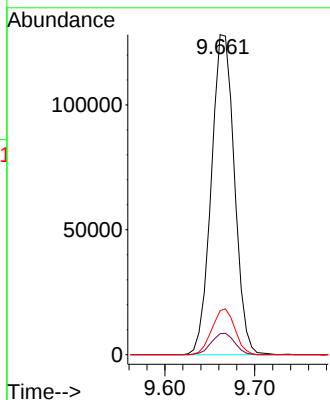
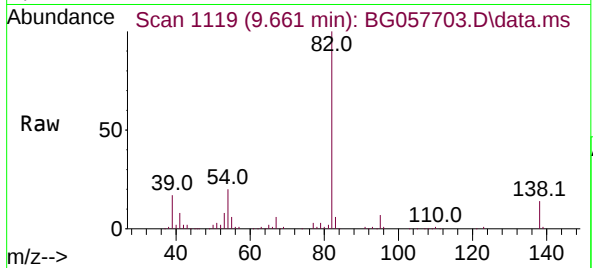
#25
Isophorone
Concen: 44.057 ng
RT: 9.661 min Scan# 1119
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :
BNA_G
ClientSampleId :
PB153397BS

Tgt Ion: 82 Resp: 22898
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.2
138 13.8 11.8 17.6

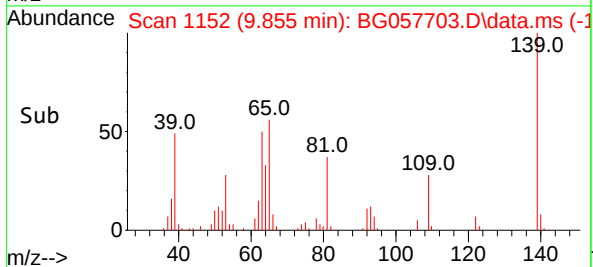
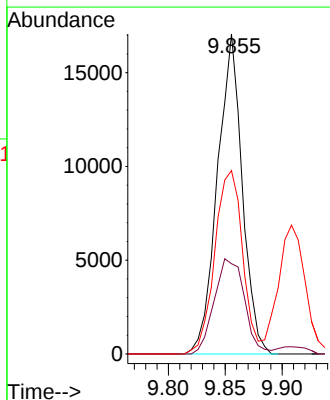
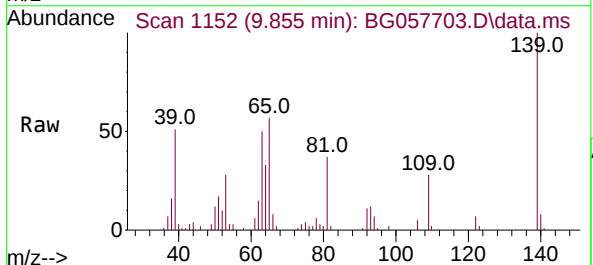
Manual Integrations
APPROVED

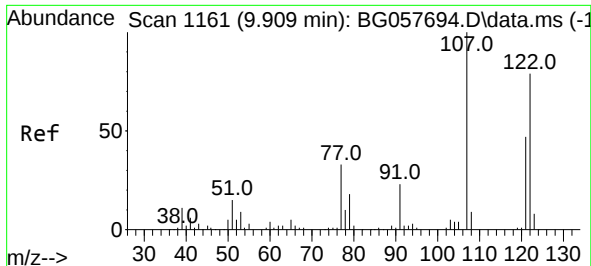
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 51.935 ng
RT: 9.855 min Scan# 1152
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:139 Resp: 25895
Ion Ratio Lower Upper
139 100
109 28.2 30.9 46.3#
65 57.3 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 53.736 ng

RT: 9.908 min Scan# 1161

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

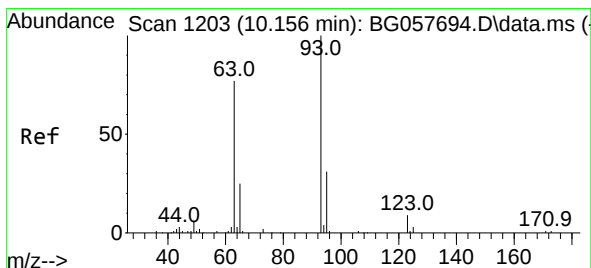
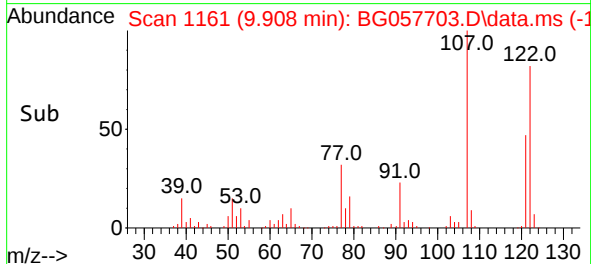
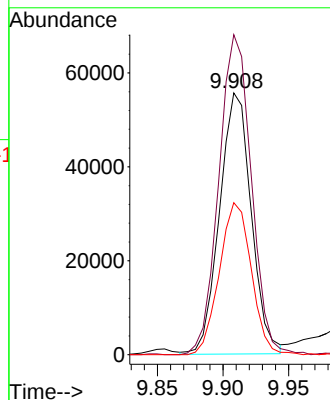
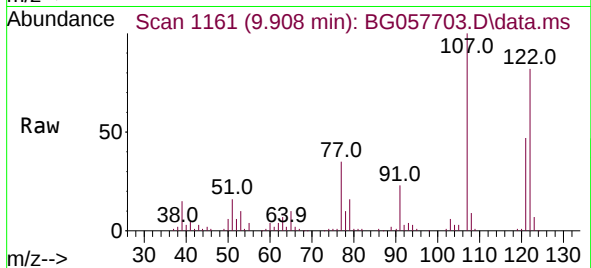
PB153397BS

Tgt Ion:122 Resp: 93262
 Ion Ratio Lower Upper
 122 100
 107 122.3 100.6 150.8
 121 58.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.186 ng

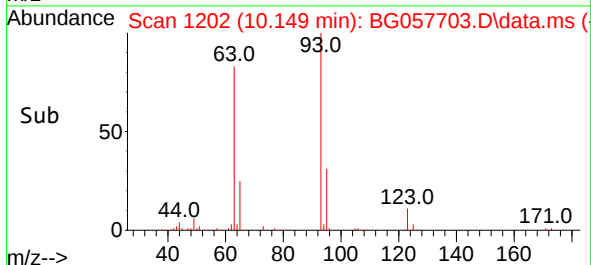
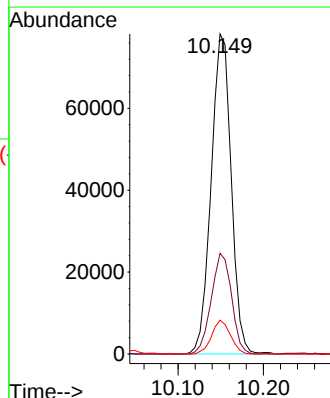
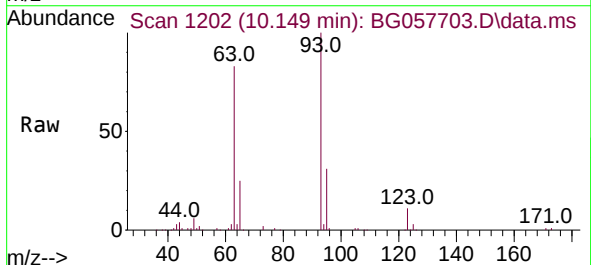
RT: 10.149 min Scan# 1202

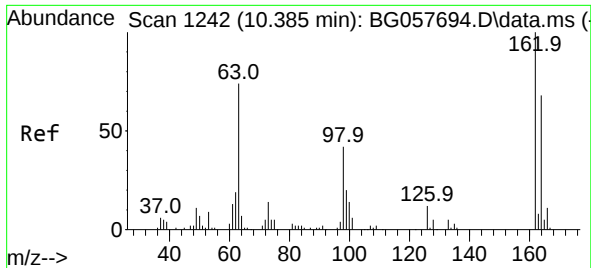
Delta R.T. -0.007 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Tgt Ion: 93 Resp: 127494
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.9 37.3
 123 10.5 7.2 10.8





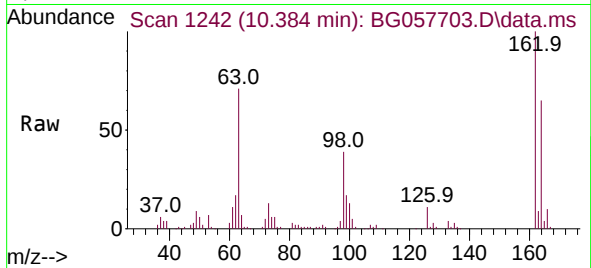
#29
2,4-Dichlorophenol
Concen: 60.827 ng
RT: 10.384 min Scan# 1242
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

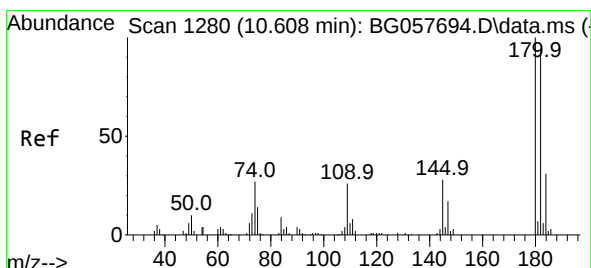
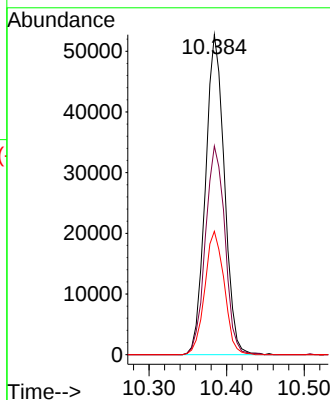
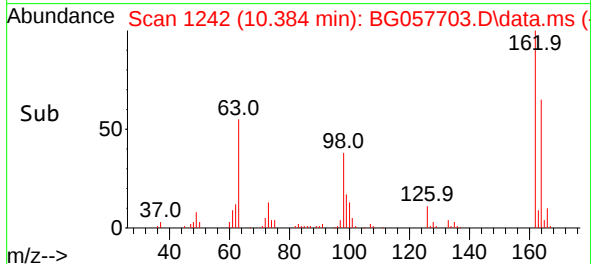


Tgt Ion:162 Resp: 89552
Ion Ratio Lower Upper
162 100
164 65.2 47.9 87.9
98 38.5 22.4 62.4

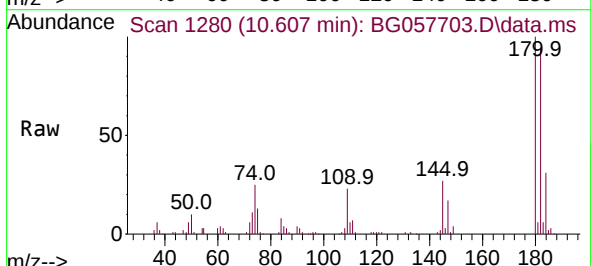
Manual Integrations

APPROVED

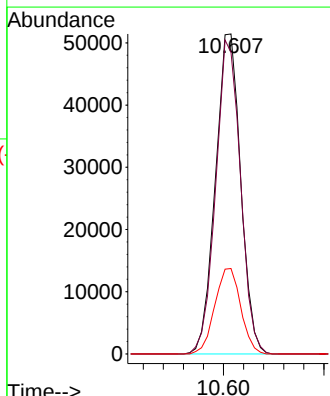
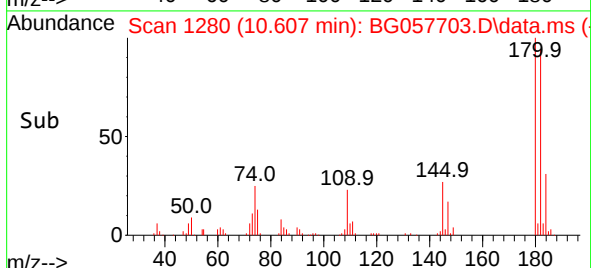
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

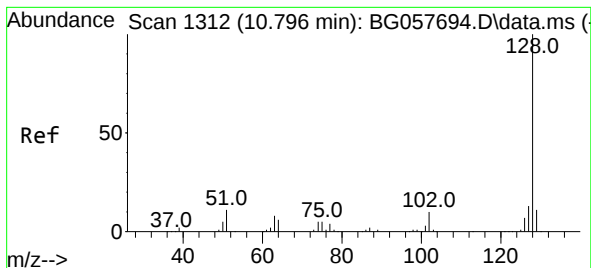


#30
1,2,4-Trichlorobenzene
Concen: 46.925 ng
RT: 10.607 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:180 Resp: 89793
Ion Ratio Lower Upper
180 100
182 94.3 74.8 112.2
145 26.7 22.6 34.0





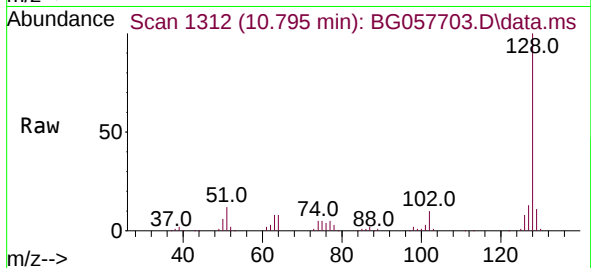
#31
Naphthalene
Concen: 45.411 ng
RT: 10.795 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS



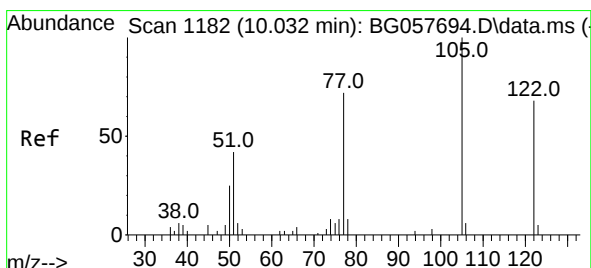
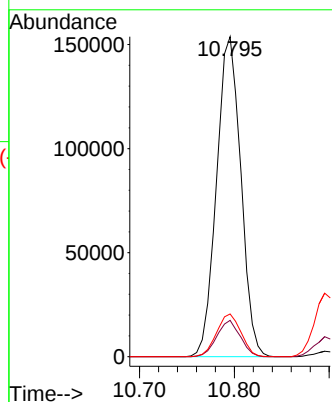
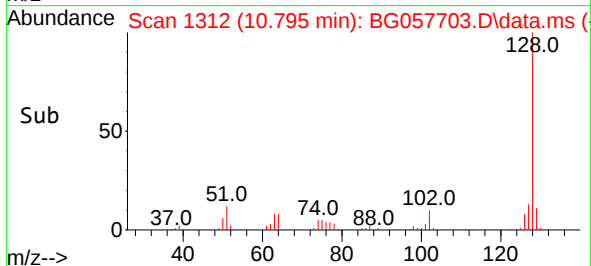
Tgt Ion:128 Resp: 27368
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.0 15.0

Manual Integrations

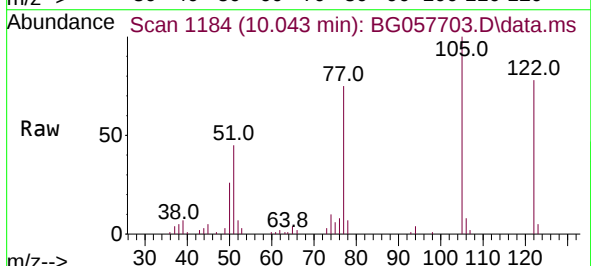
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

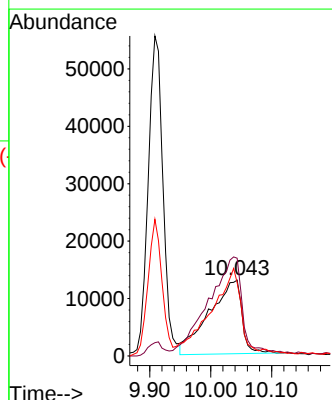
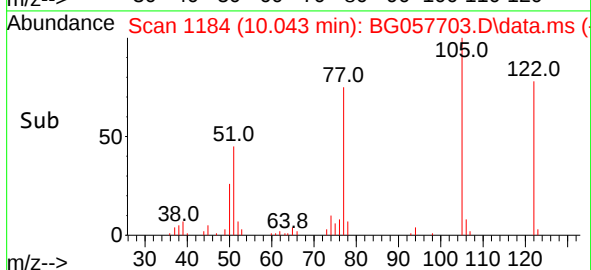
Supervised By :mohammad ahmed 06/16/2023

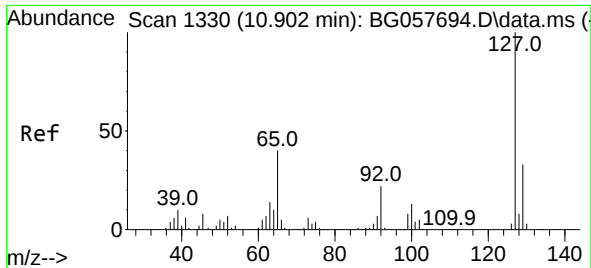


#32
Benzoic acid
Concen: 70.735 ng
RT: 10.043 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:122 Resp: 47974
Ion Ratio Lower Upper
122 100
105 128.9 113.8 153.8
77 96.5 81.0 121.0





#33
4-Chloroaniline
Concen: 19.104 ng
RT: 10.895 min Scan# 1329
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

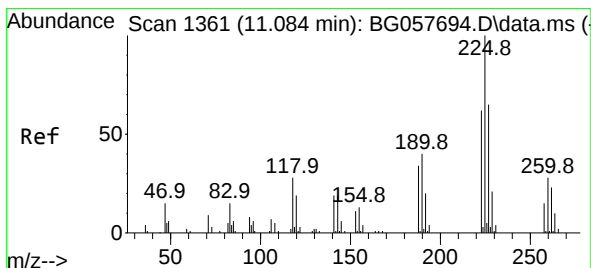
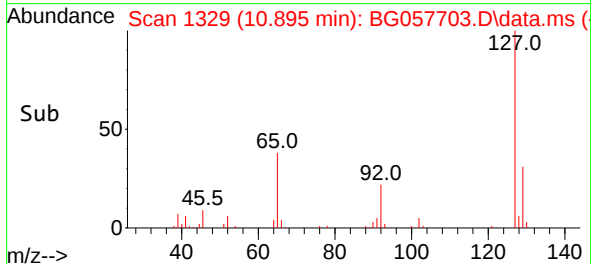
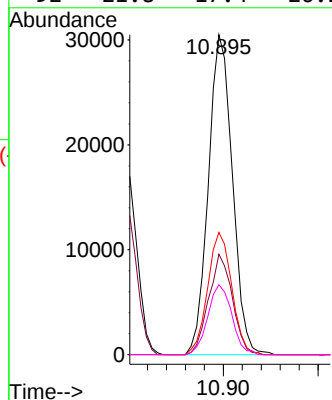
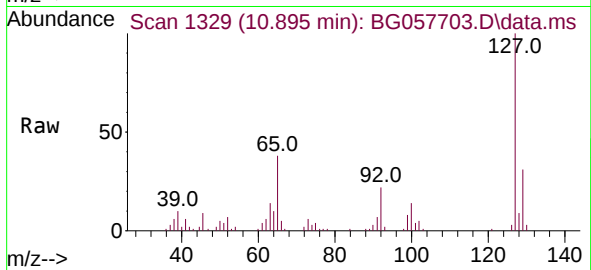
PB153397BS

Tgt Ion:127 Resp: 5360
Ion Ratio Lower Upper
127 100
129 31.4 26.6 39.8
65 38.2 31.7 47.5
92 21.8 17.4 26.2

Manual Integrations

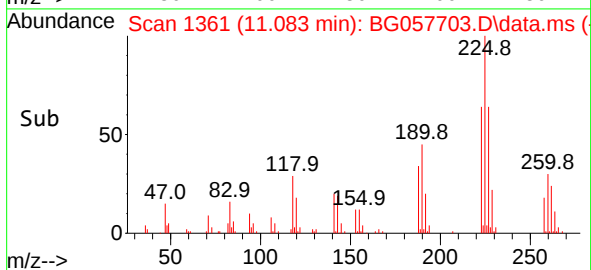
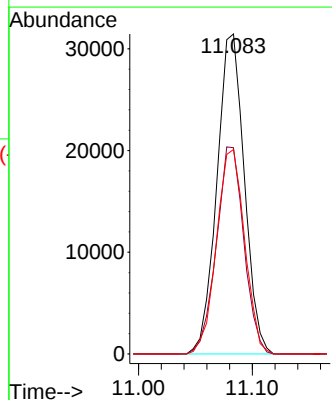
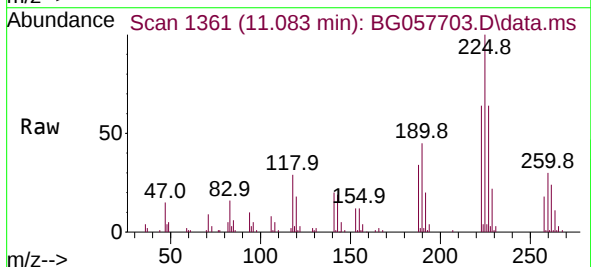
APPROVED

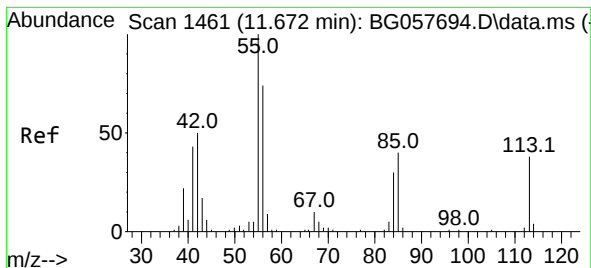
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 43.815 ng
RT: 11.083 min Scan# 1361
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:225 Resp: 52724
Ion Ratio Lower Upper
225 100
223 64.4 52.0 78.0
227 63.9 51.8 77.8





#35

Caprolactam

Concen: 55.302 ng m

RT: 11.665 min Scan# 1461

Delta R.T. -0.007 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

Tgt Ion:113 Resp: 3358

Ion Ratio Lower Upper

113 100

55 264.5 239.9 279.9

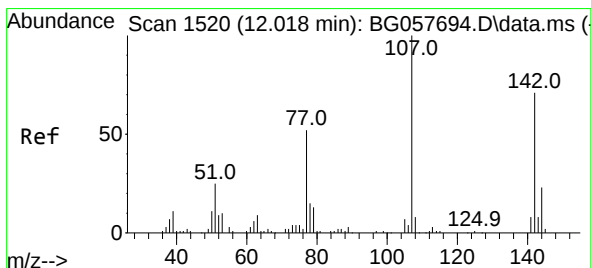
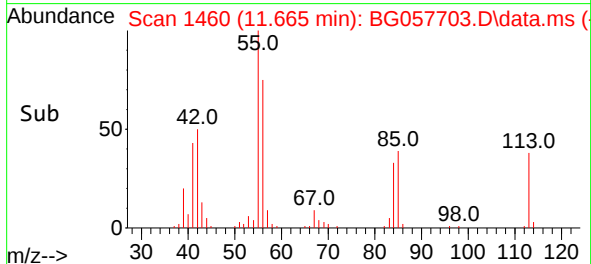
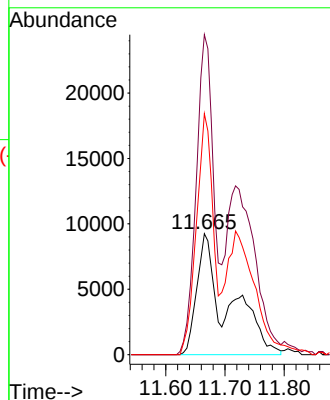
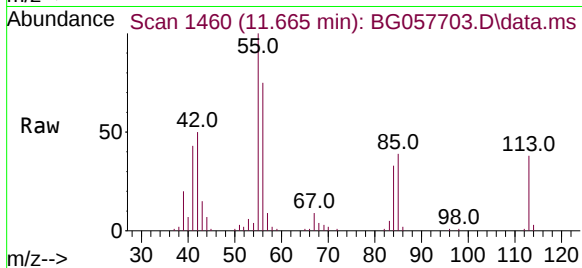
56 199.1 171.9 211.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#36

4-Chloro-3-methylphenol

Concen: 55.137 ng

RT: 12.018 min Scan# 1520

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

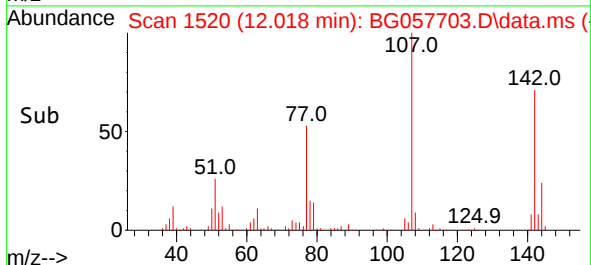
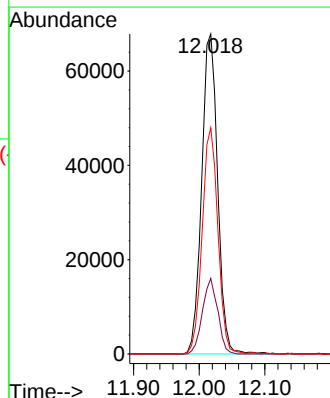
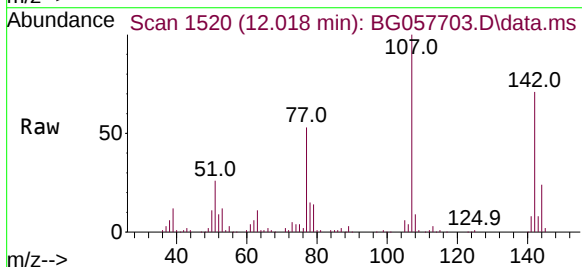
Tgt Ion:107 Resp: 115002

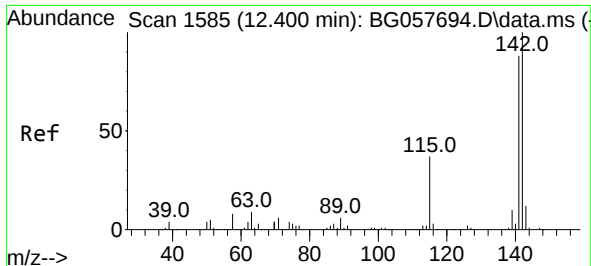
Ion Ratio Lower Upper

107 100

144 23.6 18.7 28.1

142 70.7 56.7 85.1





#37
2-Methylnaphthalene
Concen: 44.402 ng
RT: 12.399 min Scan# 1585
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

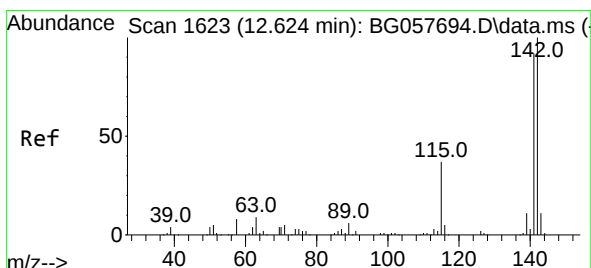
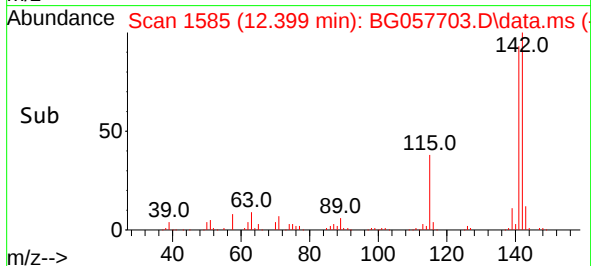
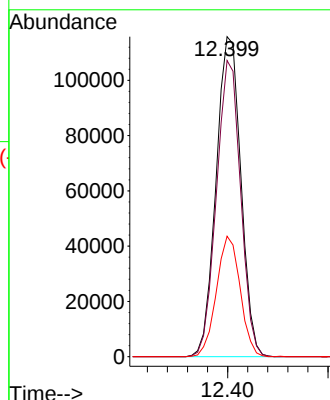
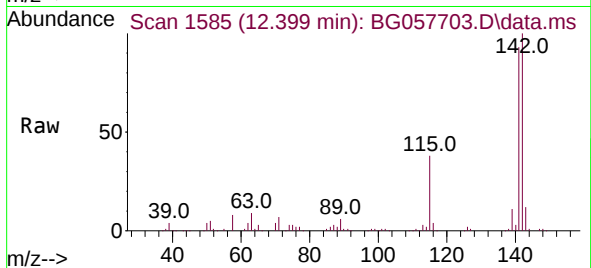
PB153397BS

Tgt Ion:142 Resp: 197979
Ion Ratio Lower Upper
142 100
141 92.6 70.6 105.8
115 37.6 29.4 44.0

Manual Integrations

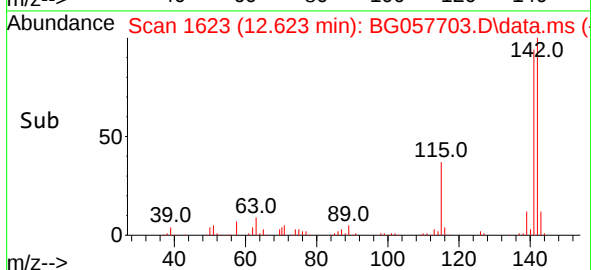
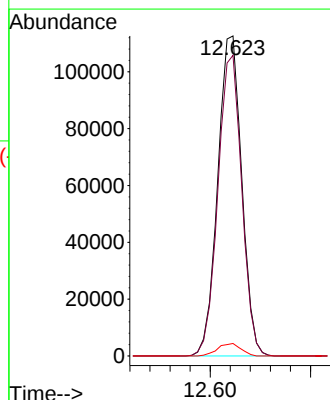
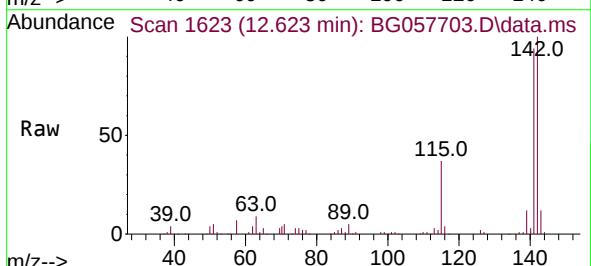
APPROVED

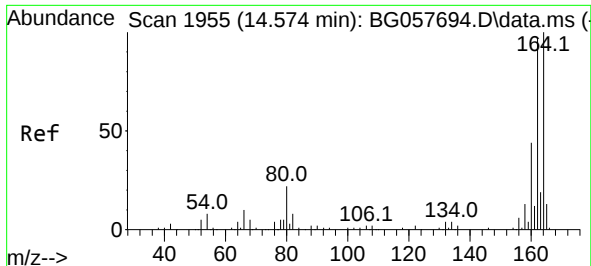
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#38
1-Methylnaphthalene
Concen: 44.548 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:142 Resp: 186339
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.0
116 3.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.573 min Scan# 1955

Delta R.T. -0.001 min

Lab File: BG057703.D

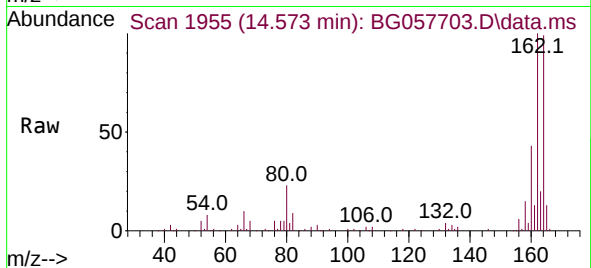
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

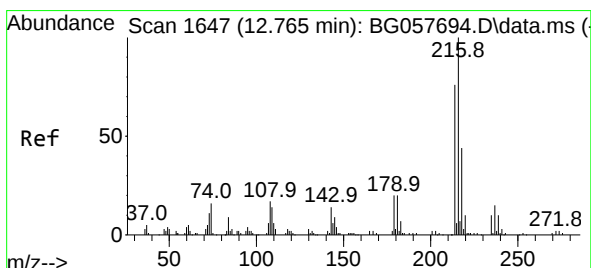
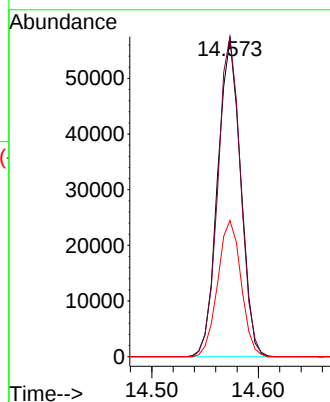
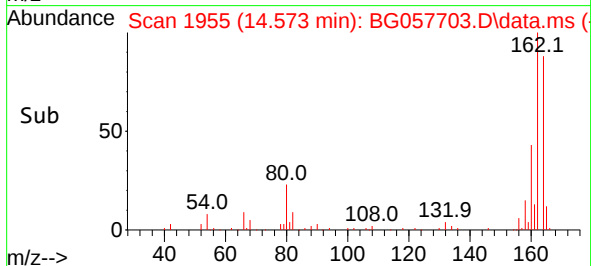
PB153397BS



Tgt Ion:164	Resp:	8536
Ion Ratio	Lower	Upper
164	100	
162	100.7	77.7 116.5
160	42.9	35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.808 ng

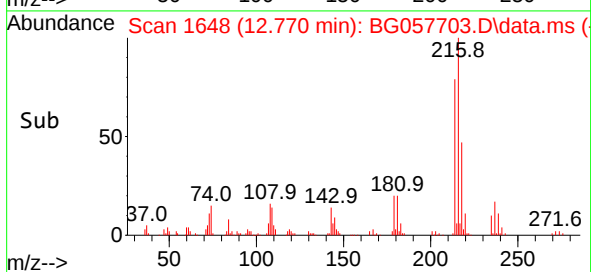
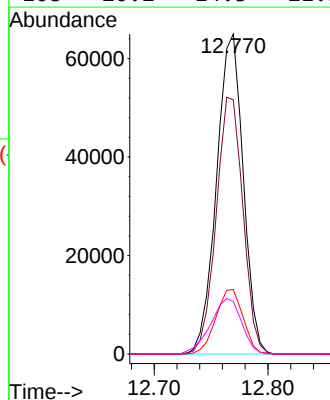
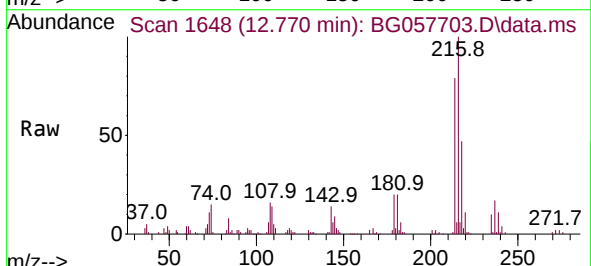
RT: 12.770 min Scan# 1648

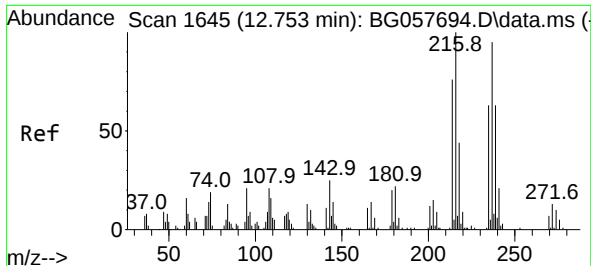
Delta R.T. 0.005 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

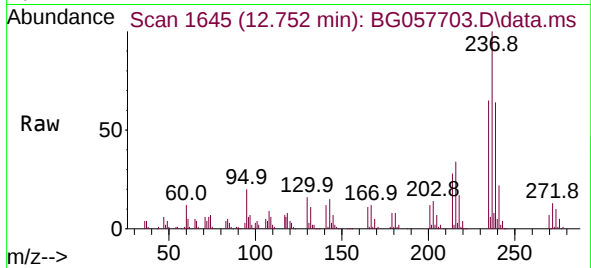
Tgt Ion:216	Resp:	105859
Ion Ratio	Lower	Upper
216	100	
214	80.5	63.7 95.5
179	20.7	16.7 25.1
108	20.2	14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 127.316 ng
RT: 12.752 min Scan# 1645
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

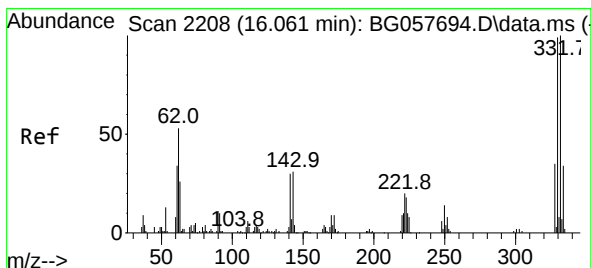
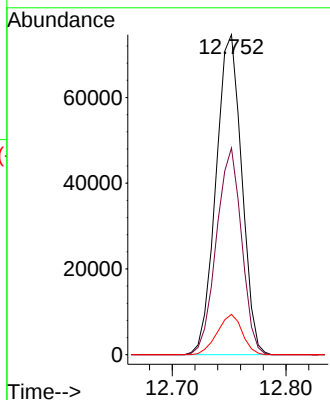
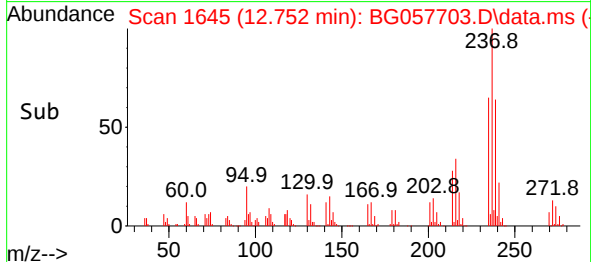
Instrument :
BNA_G
ClientSampleId :
PB153397BS



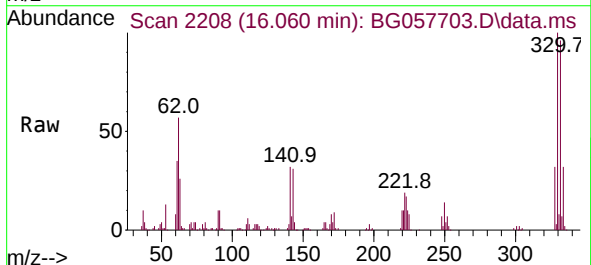
Tgt Ion:237 Resp: 11734
Ion Ratio Lower Upper
237 100
235 64.6 46.7 86.7
272 12.6 0.0 33.8

Manual Integrations
APPROVED

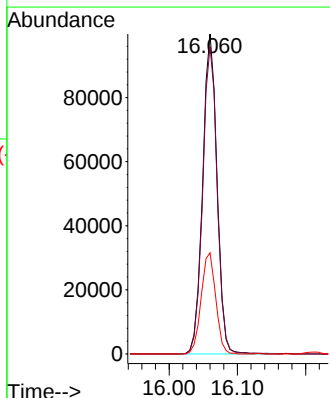
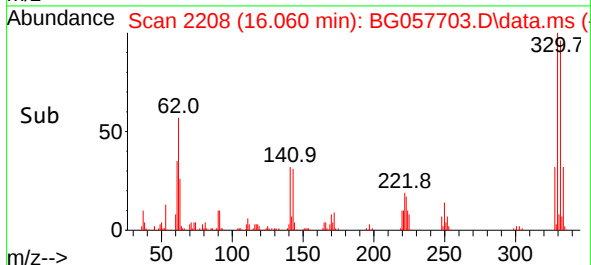
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

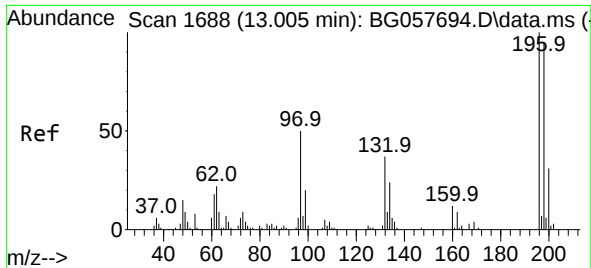


#42
2,4,6-Tribromophenol
Concen: 153.374 ng
RT: 16.060 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:330 Resp: 146067
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.6
141 32.0 25.0 37.6





#43
2,4,6-Trichlorophenol
Concen: 49.947 ng
RT: 13.005 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

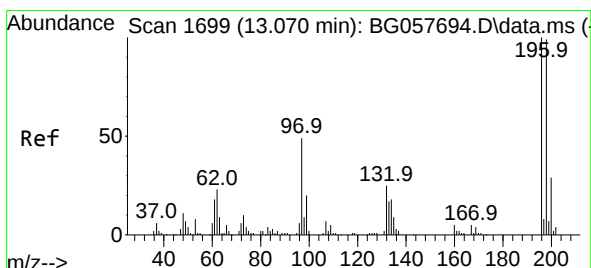
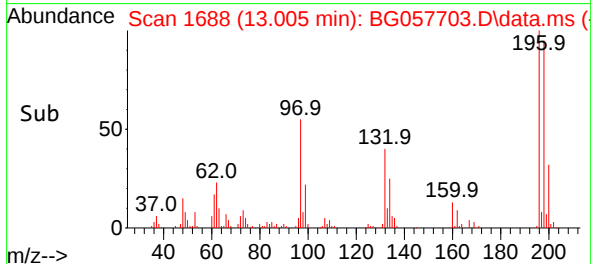
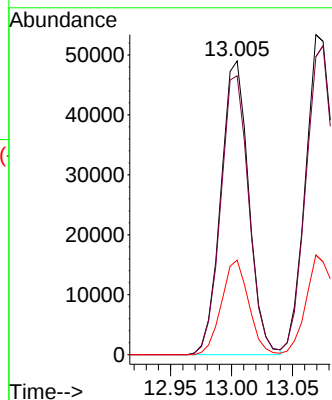
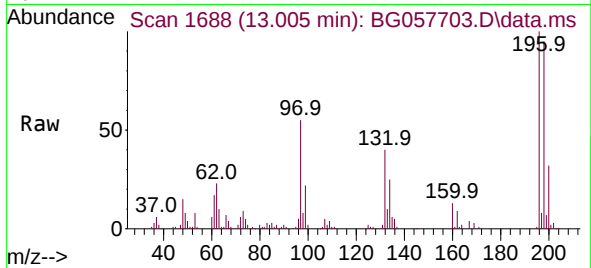
PB153397BS

Tgt Ion:196 Resp: 78340
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
200 32.2 24.6 37.0

Manual Integrations

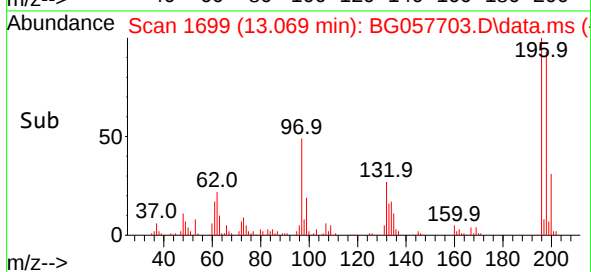
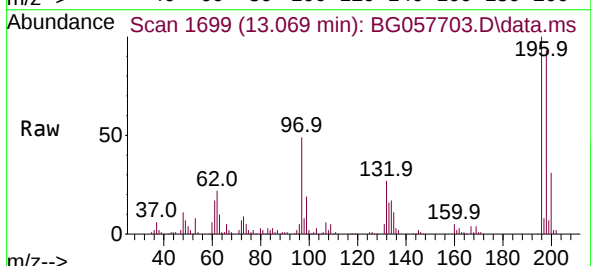
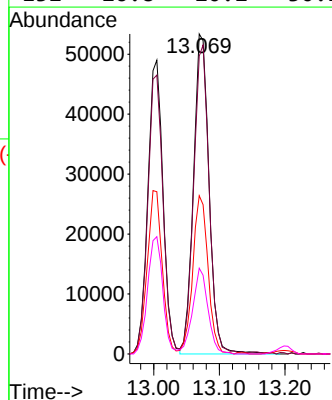
APPROVED

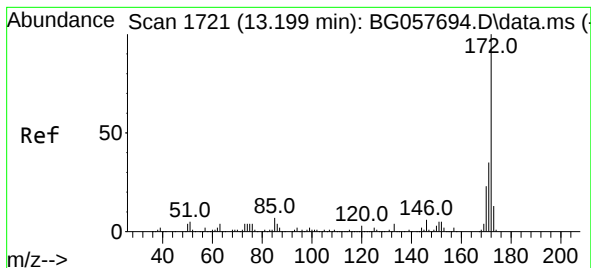
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#44
2,4,5-Trichlorophenol
Concen: 47.828 ng
RT: 13.069 min Scan# 1699
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:196 Resp: 88430
Ion Ratio Lower Upper
196 100
198 93.1 79.2 118.8
97 49.5 39.9 59.9
132 26.8 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 88.052 ng

RT: 13.198 min Scan# 1721

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

Tgt Ion:172 Resp: 504250

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

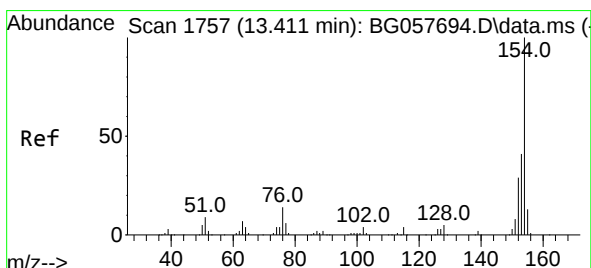
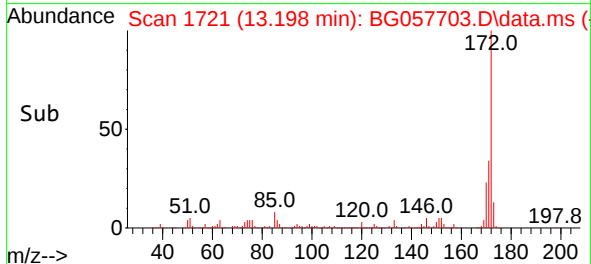
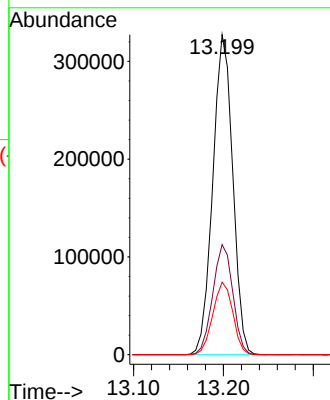
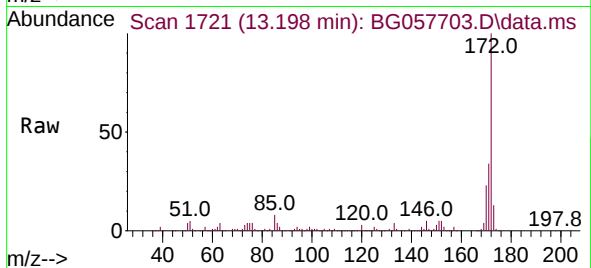
170 22.7 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#46

1,1'-Biphenyl

Concen: 45.490 ng

RT: 13.410 min Scan# 1757

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

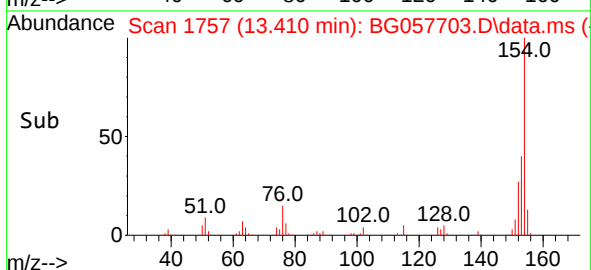
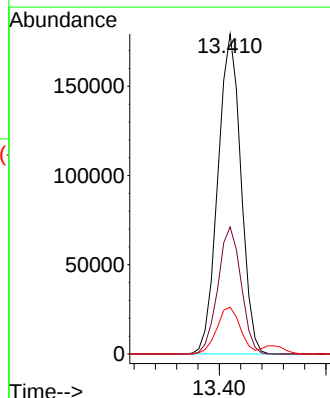
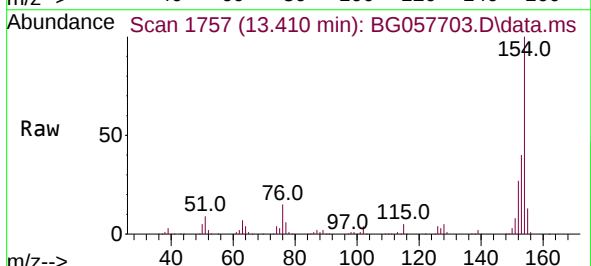
Tgt Ion:154 Resp: 268293

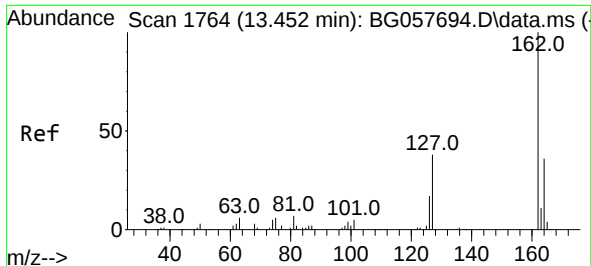
Ion Ratio Lower Upper

154 100

153 39.7 21.0 61.0

76 14.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 46.430 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

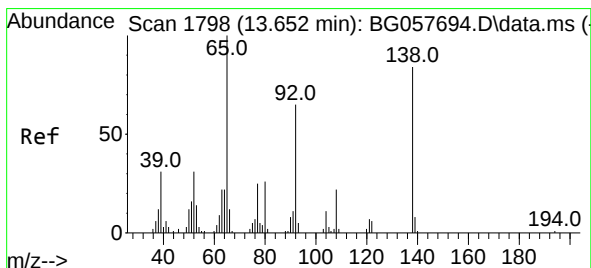
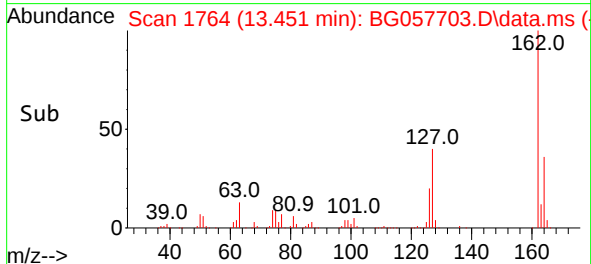
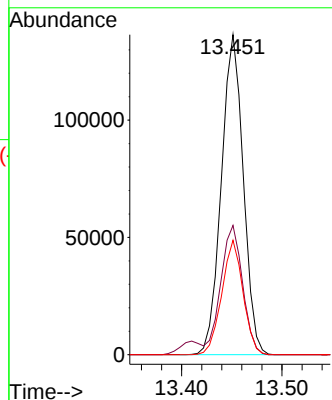
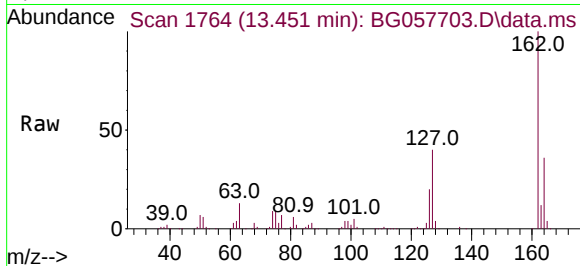
ClientSampleId :

PB153397BS

Tgt Ion:162 Resp: 206974
Ion Ratio Lower Upper
162 100
127 40.4 32.6 49.0
164 35.7 29.0 43.4

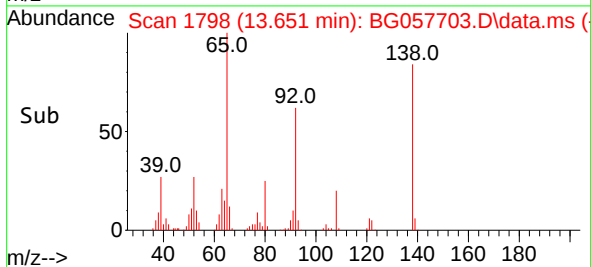
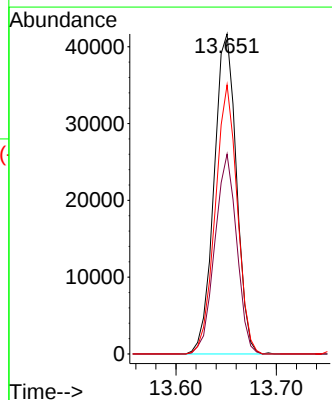
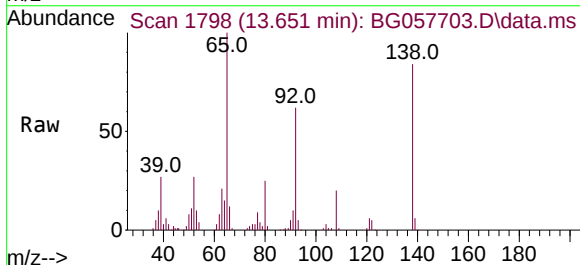
Manual Integrations
APPROVED

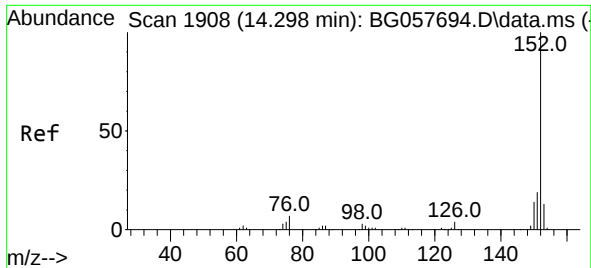
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#48
2-Nitroaniline
Concen: 52.041 ng
RT: 13.651 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion: 65 Resp: 64468
Ion Ratio Lower Upper
65 100
92 62.5 52.2 78.4
138 84.1 67.0 100.4





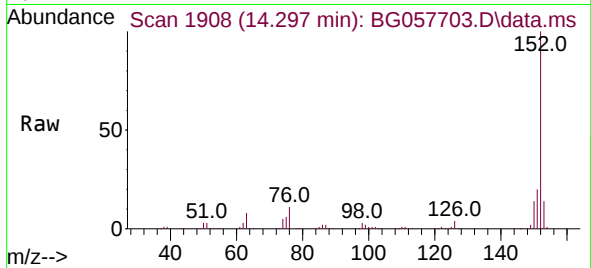
#49
Acenaphthylene
Concen: 45.280 ng
RT: 14.297 min Scan# 1908
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

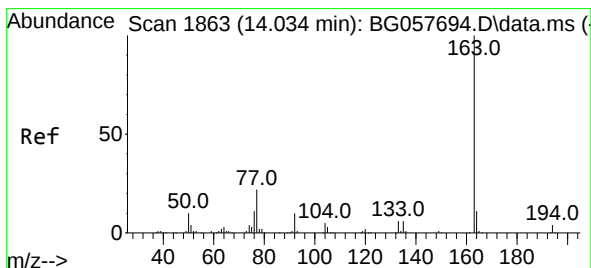
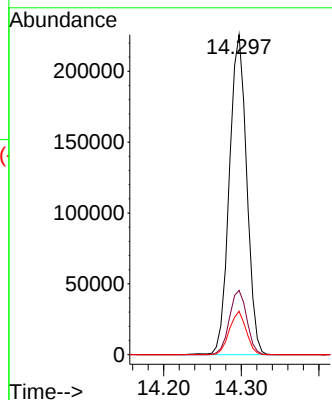
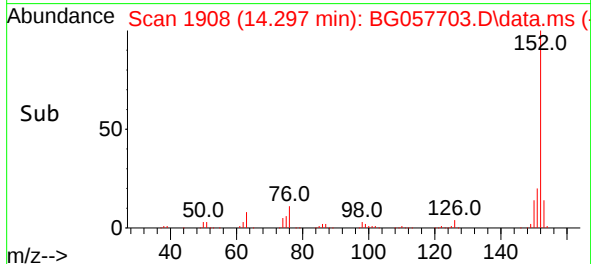


Tgt Ion:152 Resp: 350048
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.0
153 13.5 10.5 15.7

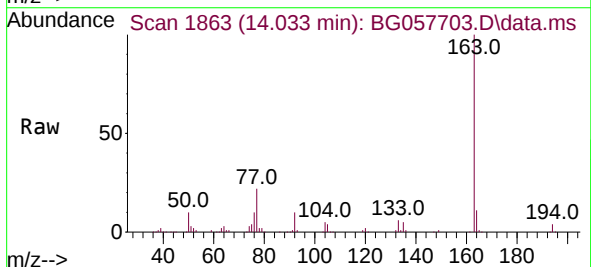
Manual Integrations

APPROVED

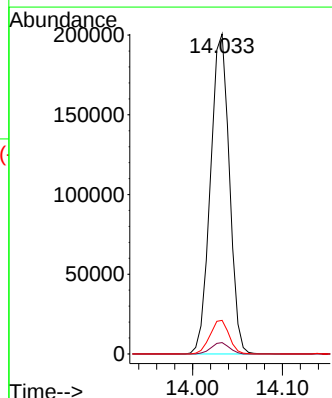
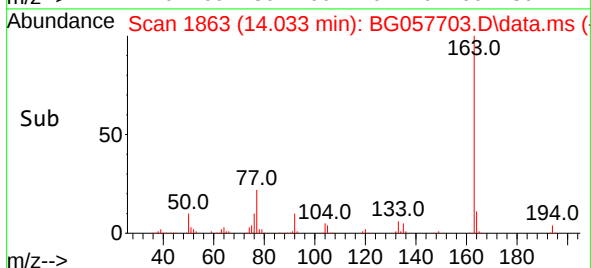
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

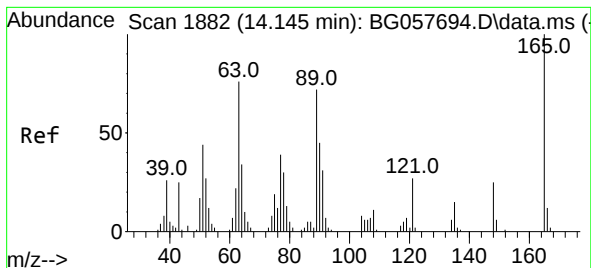


#50
Dimethylphthalate
Concen: 46.890 ng
RT: 14.033 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:163 Resp: 293481
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 52.886 ng
RT: 14.144 min Scan# 1882
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

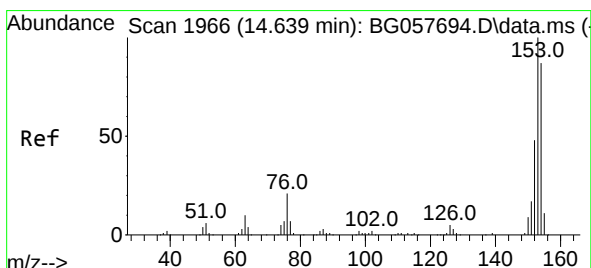
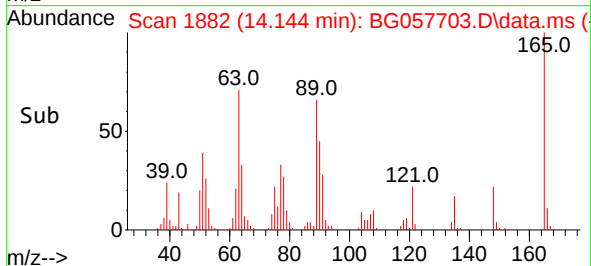
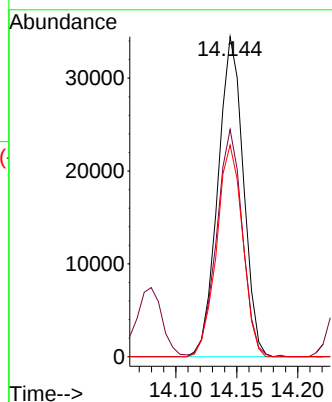
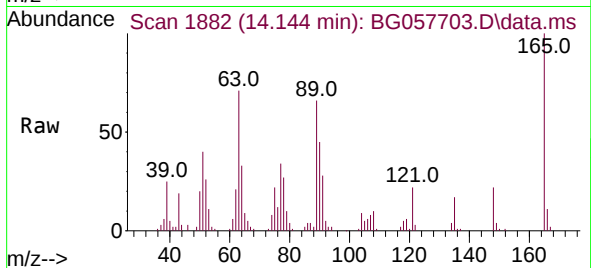
PB153397BS

Tgt Ion:165 Resp: 50102
Ion Ratio Lower Upper
165 100
63 71.0 62.3 93.5
89 66.1 57.4 86.0

Manual Integrations

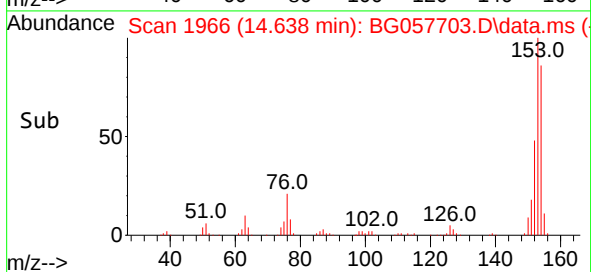
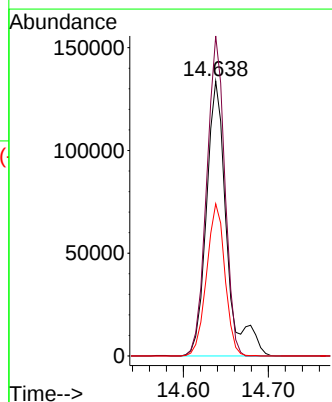
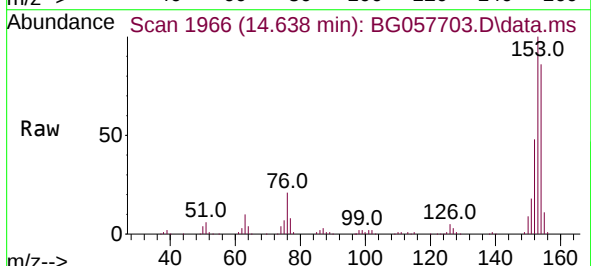
APPROVED

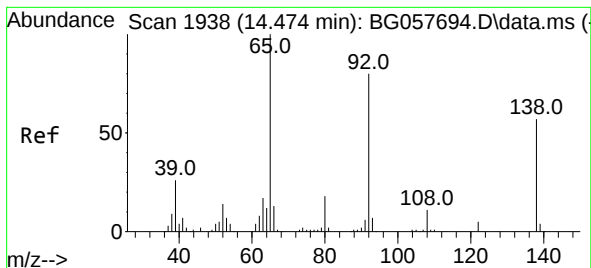
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 47.744 ng m
RT: 14.638 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:154 Resp: 221247
Ion Ratio Lower Upper
154 100
153 116.4 91.4 137.2
152 55.3 43.5 65.3





#53
3-Nitroaniline
Concen: 32.867 ng
RT: 14.473 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

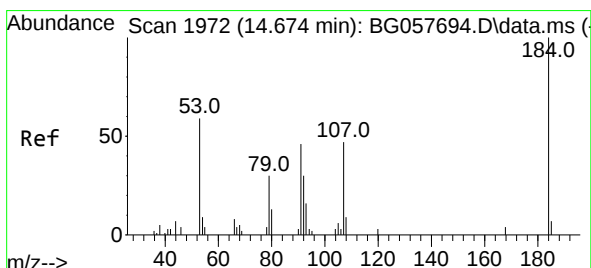
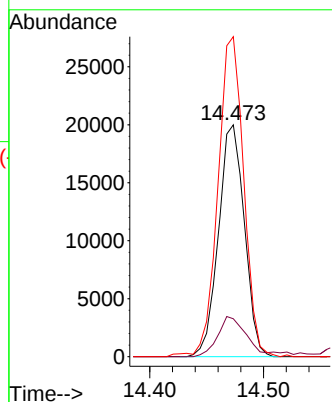
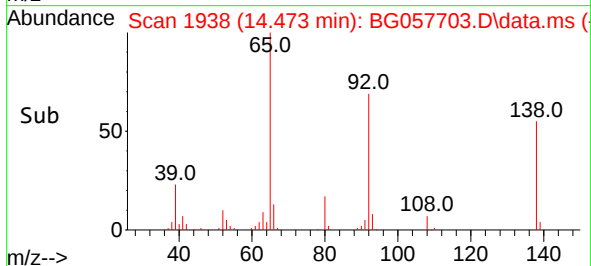
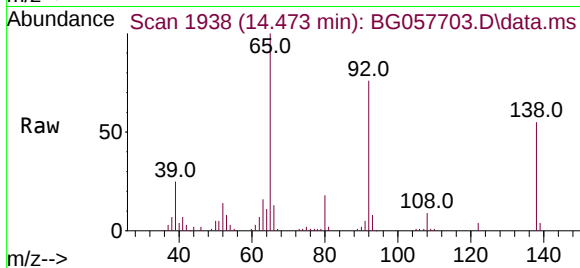
ClientSampleId :

PB153397BS

Tgt Ion:138 Resp: 3163
Ion Ratio Lower Upper
138 100
108 16.3 15.8 23.8
92 138.0 112.2 168.2

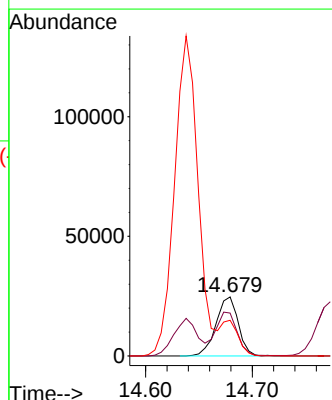
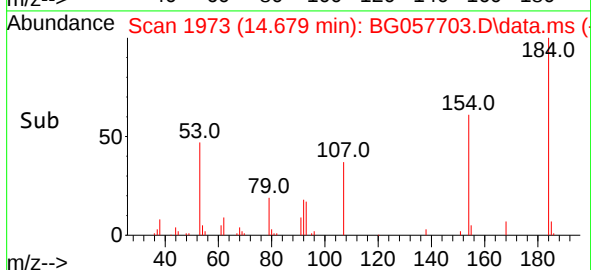
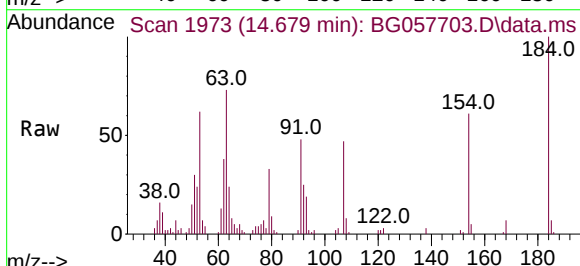
Manual Integrations
APPROVED

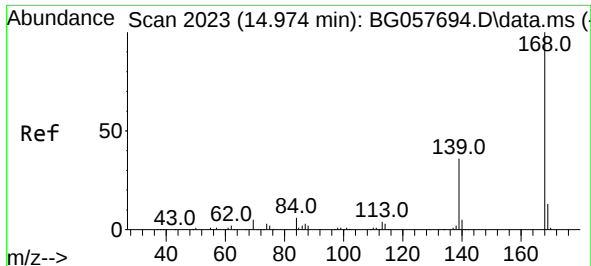
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#54
2,4-Dinitrophenol
Concen: 88.330 ng
RT: 14.679 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:184 Resp: 35556
Ion Ratio Lower Upper
184 100
63 72.8 59.0 88.6
154 60.6 47.5 71.3





#55
Dibenzenofuran
Concen: 44.242 ng
RT: 14.973 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

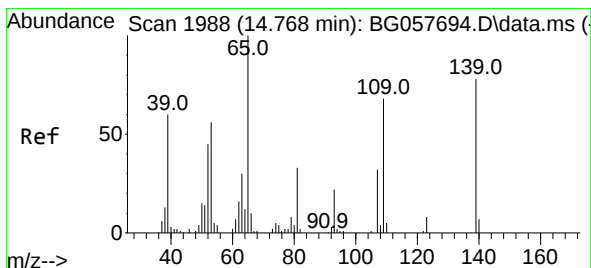
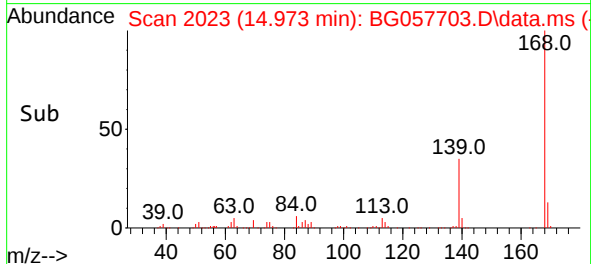
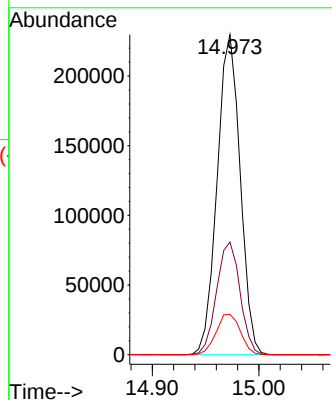
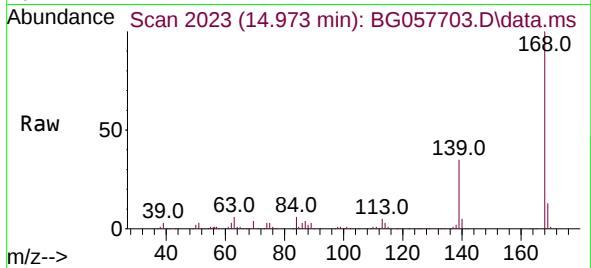
PB153397BS

Tgt Ion:168 Resp: 34413
Ion Ratio Lower Upper
168 100
139 35.2 28.7 43.1
169 12.6 10.4 15.6

Manual Integrations

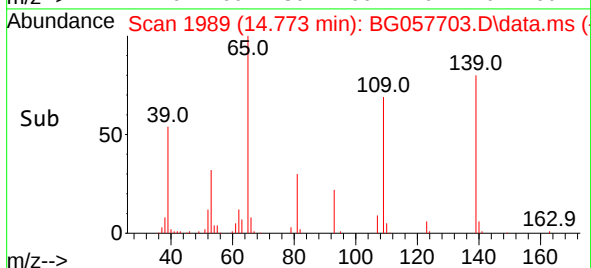
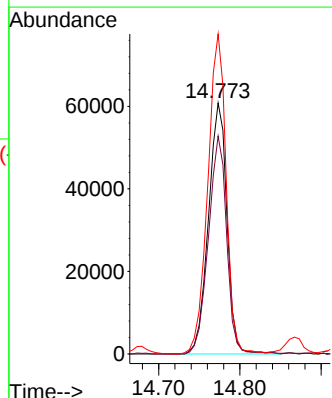
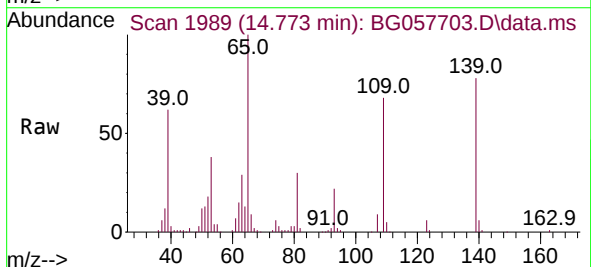
APPROVED

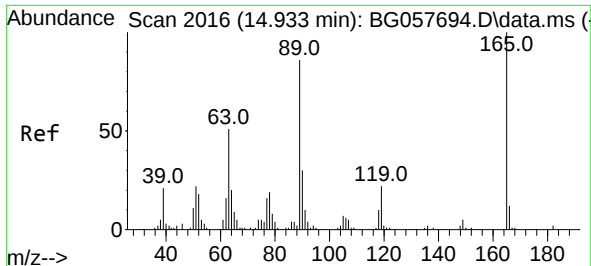
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 93.057 ng
RT: 14.773 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:139 Resp: 95839
Ion Ratio Lower Upper
139 100
109 86.8 67.3 107.3
65 127.5 108.3 148.3





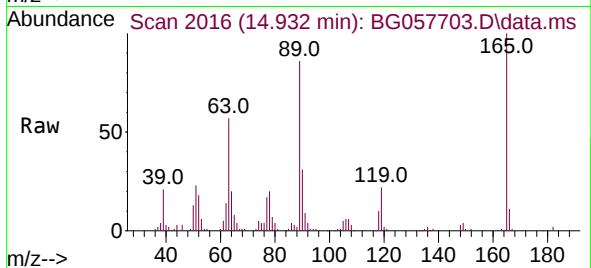
#57
2,4-Dinitrotoluene
Concen: 54.361 ng
RT: 14.932 min Scan# 2016
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

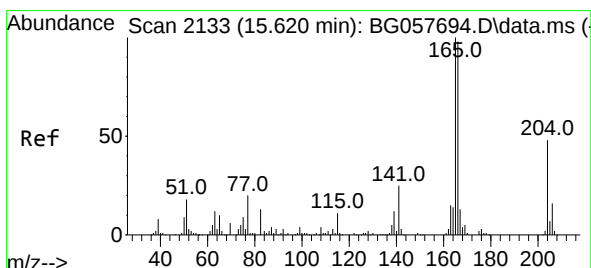
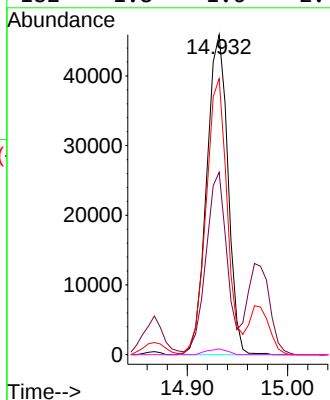
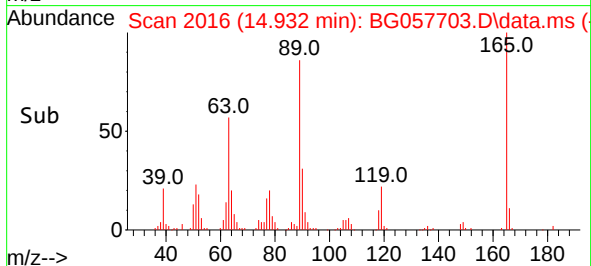


Tgt Ion:165 Resp: 6761
Ion Ratio Lower Upper
165 100
63 57.0 40.8 61.2
89 86.3 68.5 102.7
182 1.8 1.6 2.4

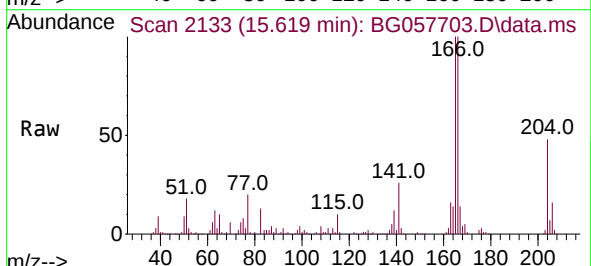
Manual Integrations

APPROVED

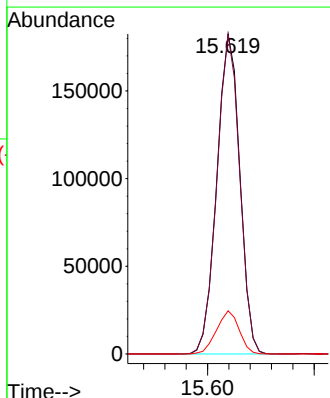
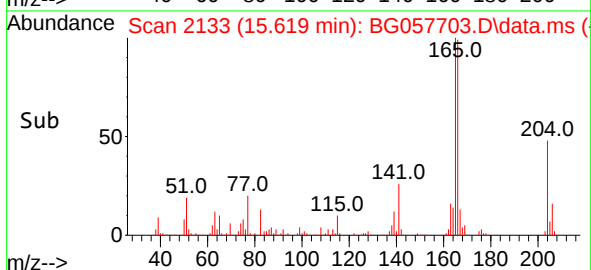
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

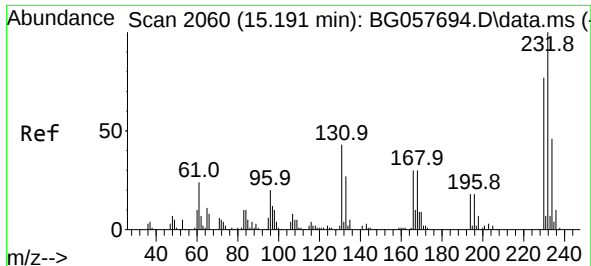


#58
Fluorene
Concen: 44.056 ng
RT: 15.619 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:166 Resp: 272981
Ion Ratio Lower Upper
166 100
165 99.7 81.6 122.4
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.848 ng
RT: 15.190 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

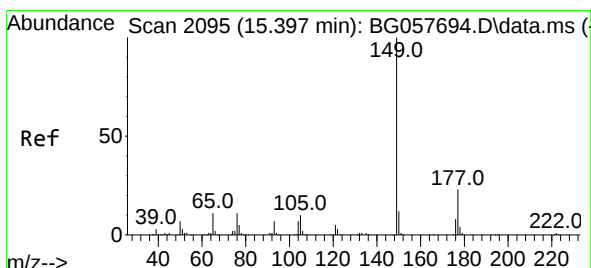
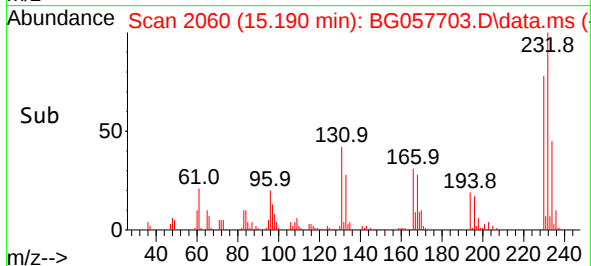
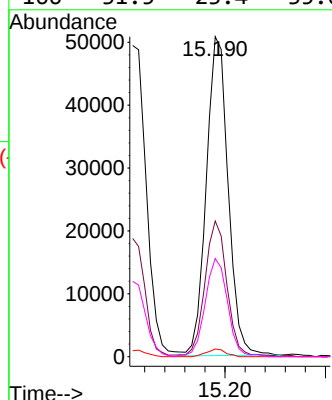
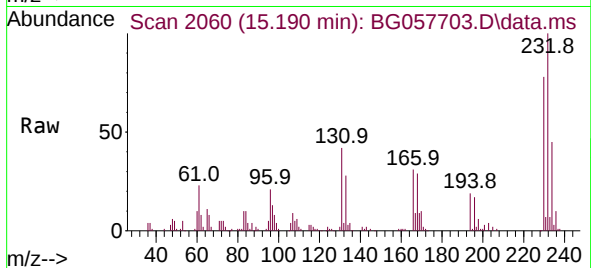
PB153397BS

Tgt Ion:232 Resp: 77010
Ion Ratio Lower Upper
232 100
131 43.1 32.6 49.0
130 2.1 1.6 2.4
166 31.5 23.4 35.0

Manual Integrations

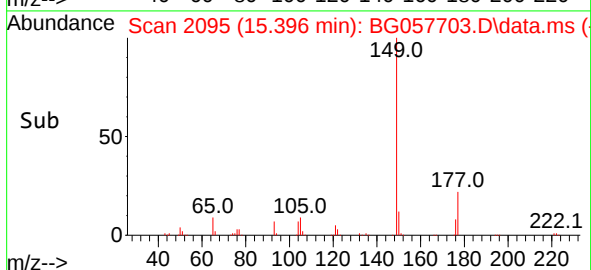
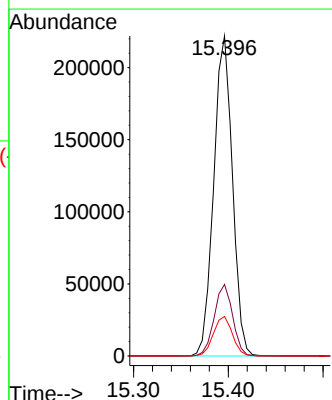
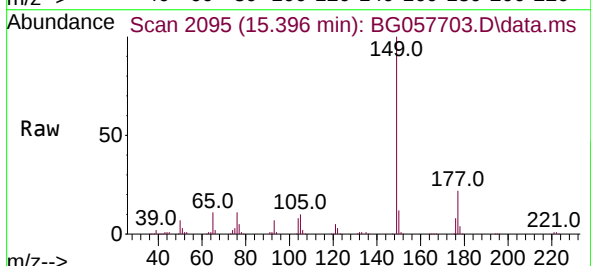
APPROVED

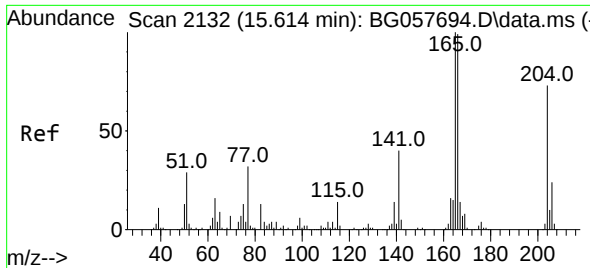
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#60
Diethylphthalate
Concen: 47.030 ng
RT: 15.396 min Scan# 2095
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:149 Resp: 303859
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.4 9.6 14.4





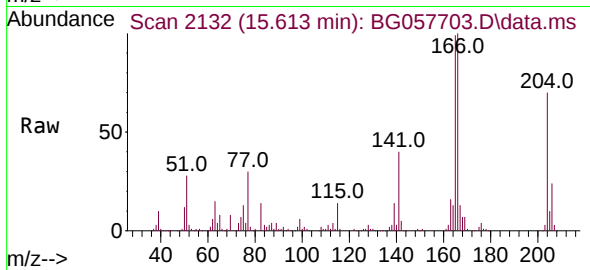
#61
4-Chlorophenyl-phenylether
Concen: 43.665 ng
RT: 15.613 min Scan# 2132
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

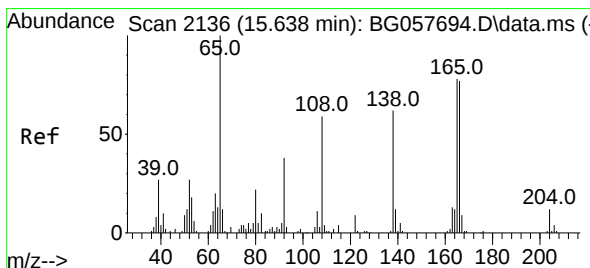
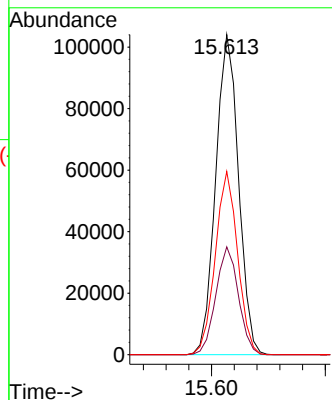
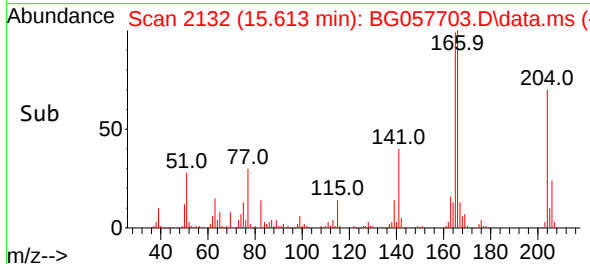


Tgt Ion:204 Resp: 144948
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 57.3 43.8 65.6

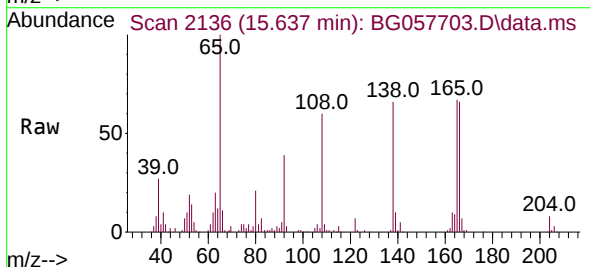
Manual Integrations

APPROVED

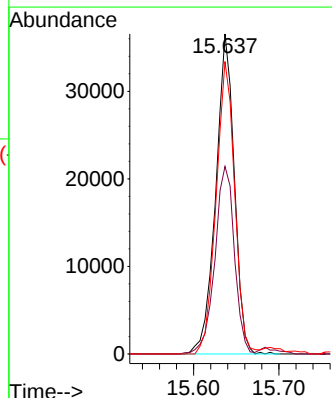
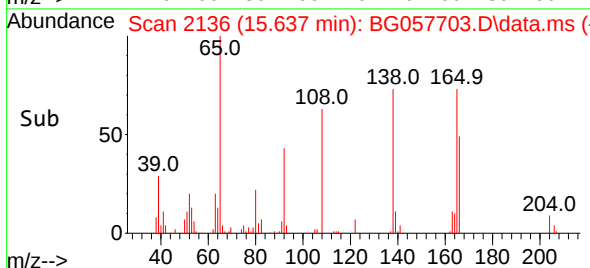
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

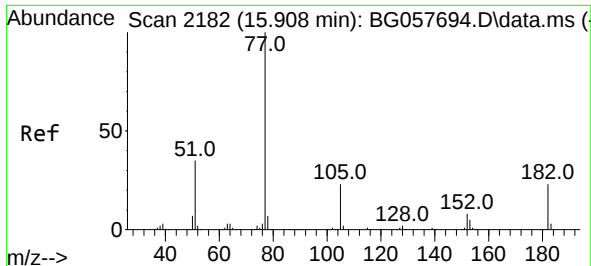


#62
4-Nitroaniline
Concen: 46.673 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:138 Resp: 55268
Ion Ratio Lower Upper
138 100
92 58.6 41.6 81.6
108 91.4 74.8 114.8





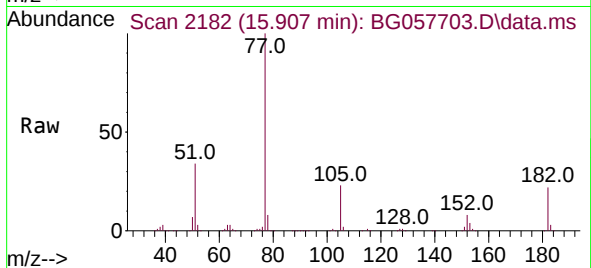
#63
Azobenzene
Concen: 44.495 ng
RT: 15.907 min Scan# 2182
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

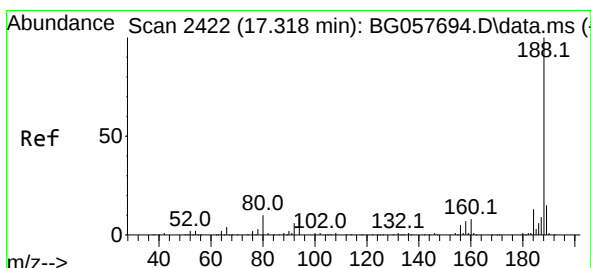
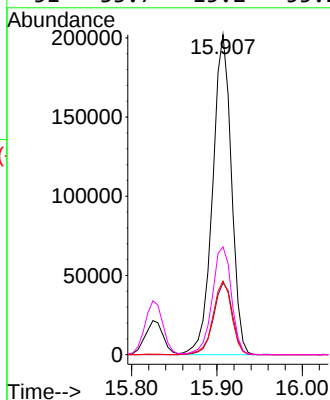
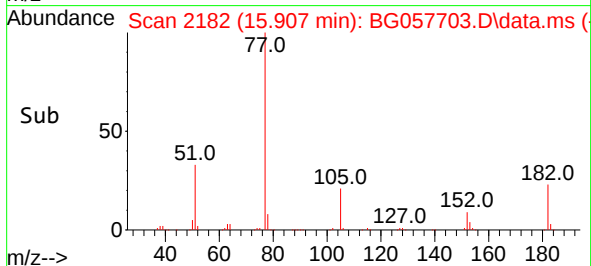


Tgt Ion: 77 Resp: 309109
Ion Ratio Lower Upper
77 100
182 22.5 3.2 43.2
105 23.0 3.3 43.3
51 33.7 15.2 55.2

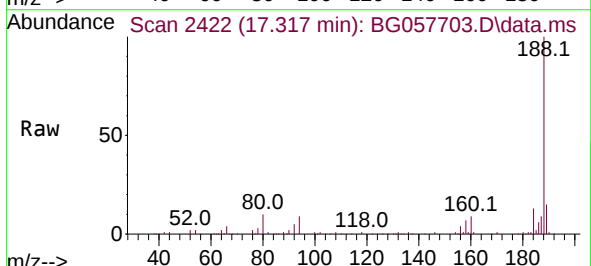
Manual Integrations

APPROVED

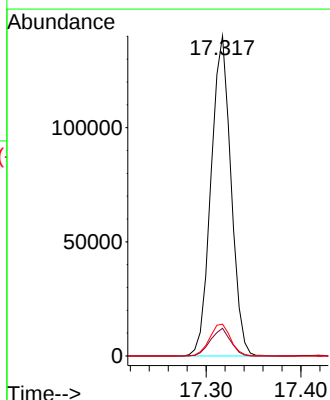
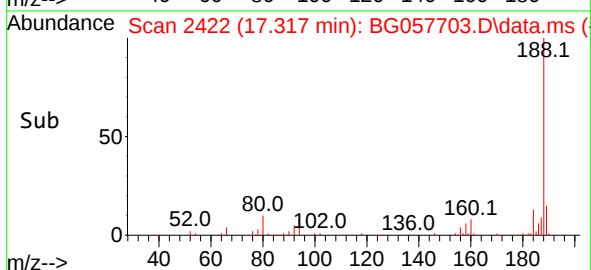
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

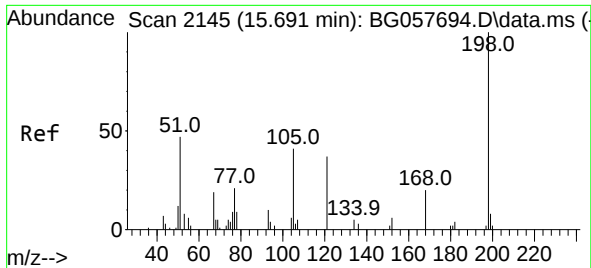


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.317 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:188 Resp: 204650
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 9.9 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 54.958 ng
RT: 15.690 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

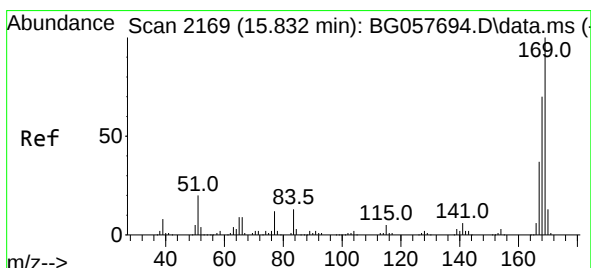
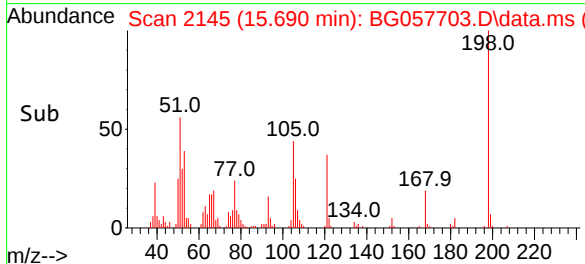
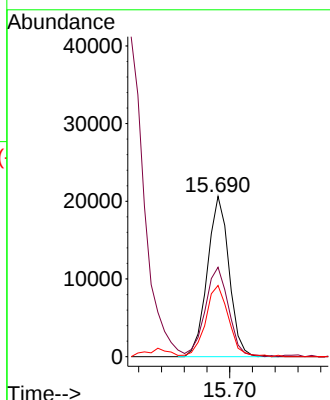
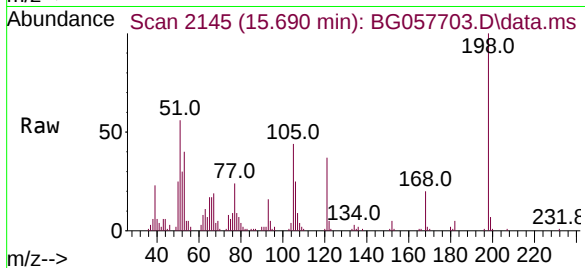
ClientSampleId :

PB153397BS

Tgt Ion:198 Resp: 2731
Ion Ratio Lower Upper
198 100
51 55.8 42.0 82.0
105 44.4 30.9 70.9

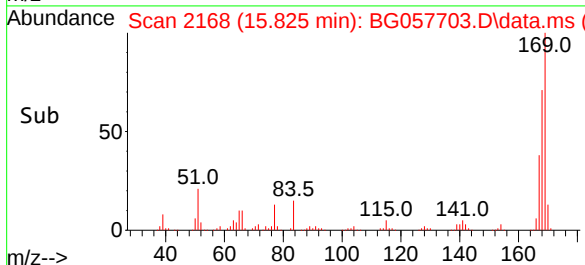
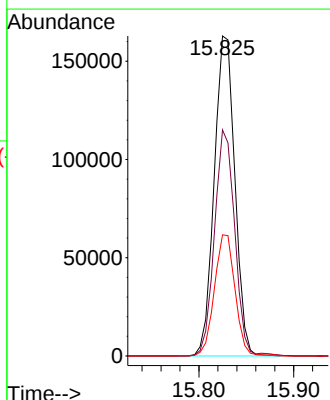
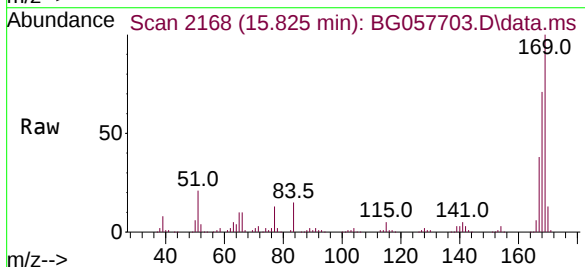
Manual Integrations
APPROVED

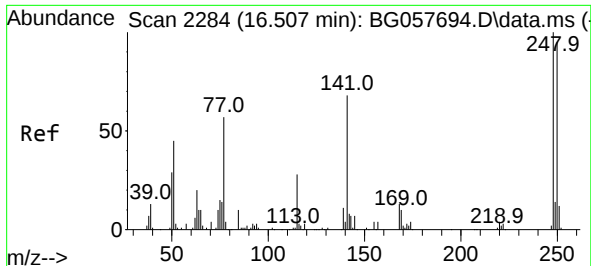
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 46.141 ng
RT: 15.825 min Scan# 2168
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:169 Resp: 246846
Ion Ratio Lower Upper
169 100
168 70.7 55.8 83.6
167 37.9 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 45.121 ng
RT: 16.506 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

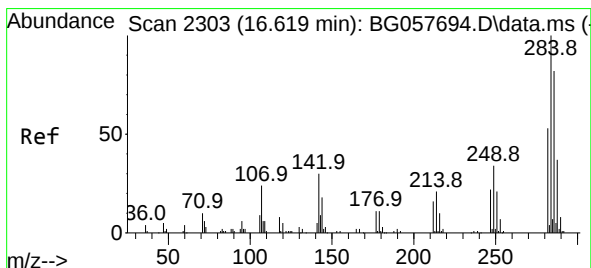
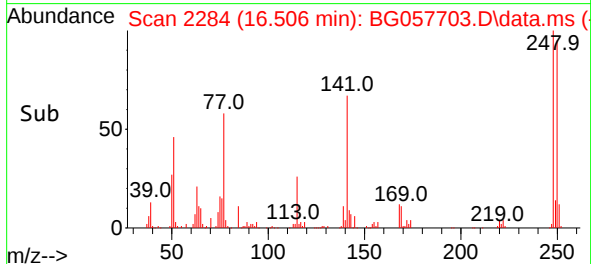
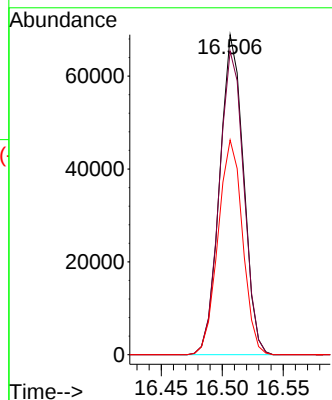
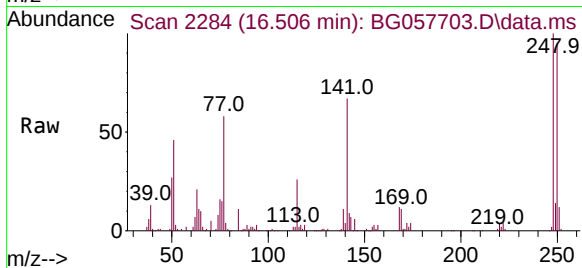
PB153397BS

Tgt Ion:248 Resp: 94024
Ion Ratio Lower Upper
248 100
250 94.8 76.3 114.5
141 67.1 54.6 82.0

Manual Integrations

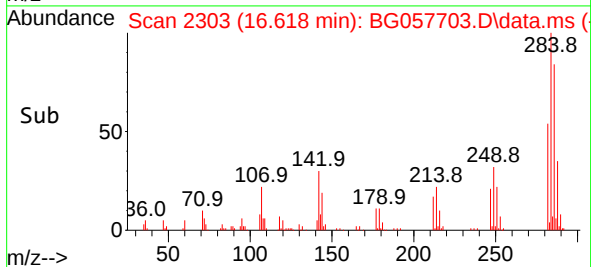
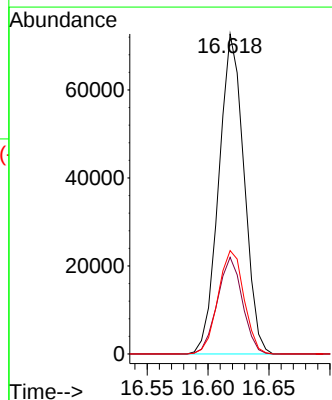
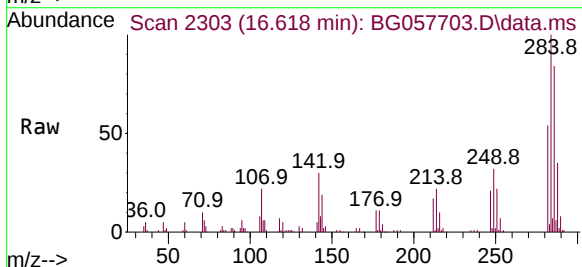
APPROVED

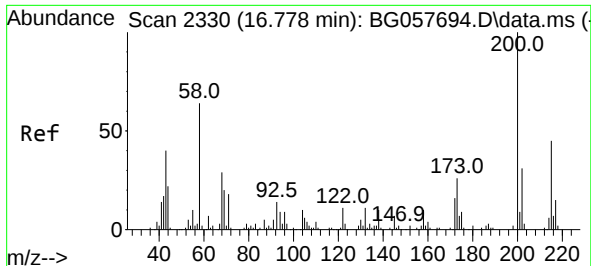
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#68
Hexachlorobenzene
Concen: 48.088 ng
RT: 16.618 min Scan# 2303
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:284 Resp: 104722
Ion Ratio Lower Upper
284 100
142 30.2 24.1 36.1
249 32.3 26.8 40.2





#69
 Atrazine
 Concen: 56.047 ng
 RT: 16.777 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057703.D
 Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

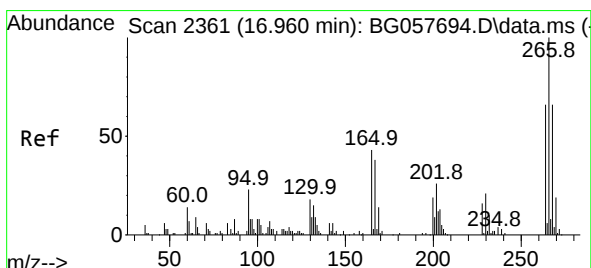
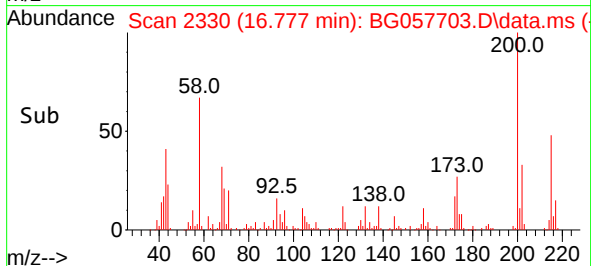
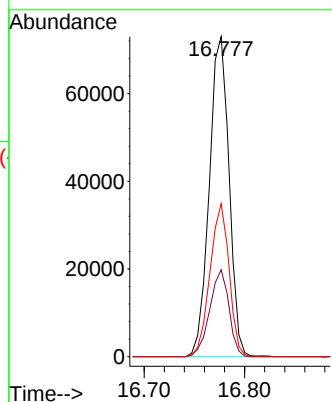
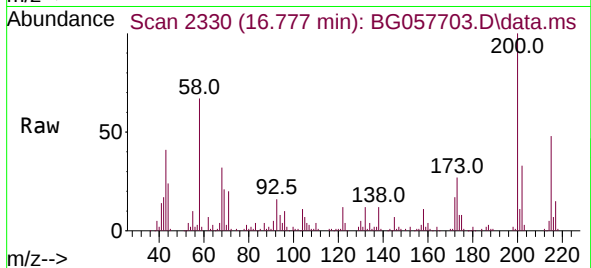
PB153397BS

Tgt Ion:200 Resp: 99758
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.3 46.3
 215 47.8 25.4 65.4

Manual Integrations

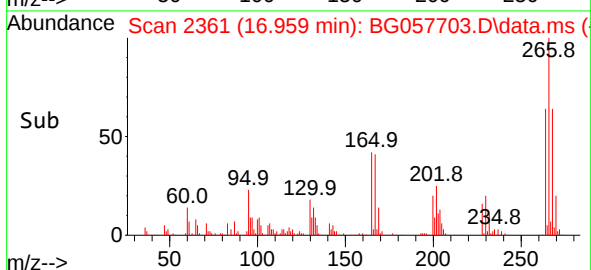
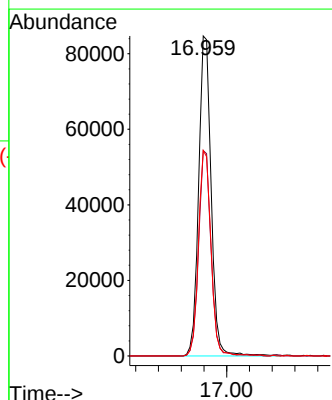
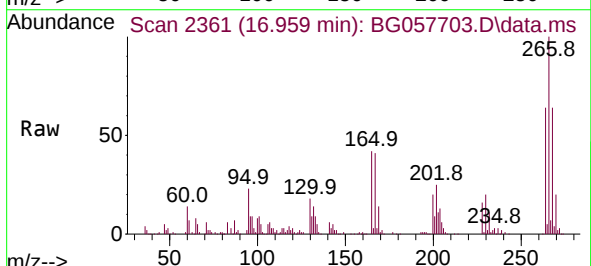
APPROVED

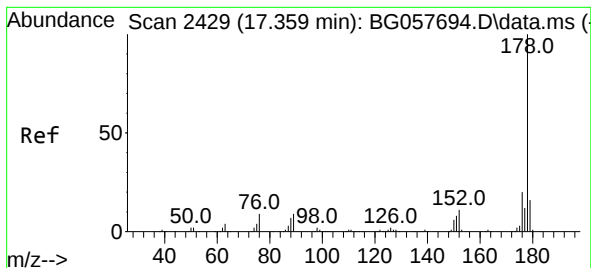
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023



#70
 Pentachlorophenol
 Concen: 99.196 ng
 RT: 16.959 min Scan# 2361
 Delta R.T. -0.001 min
 Lab File: BG057703.D
 Acq: 14 Jun 2023 11:31

Tgt Ion:266 Resp: 129691
 Ion Ratio Lower Upper
 266 100
 268 64.2 53.0 79.6
 264 64.2 52.4 78.6





#71

Phenanthrene

Concen: 45.321 ng

RT: 17.358 min Scan# 2429

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

Tgt Ion:178 Resp: 452590

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

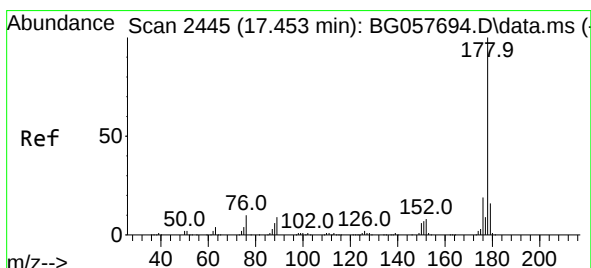
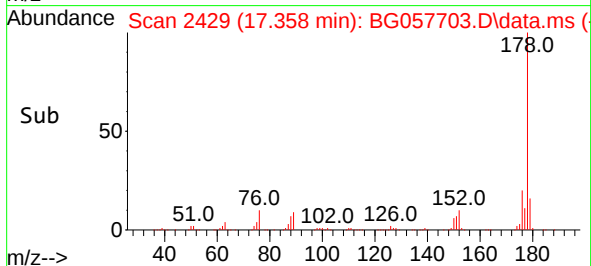
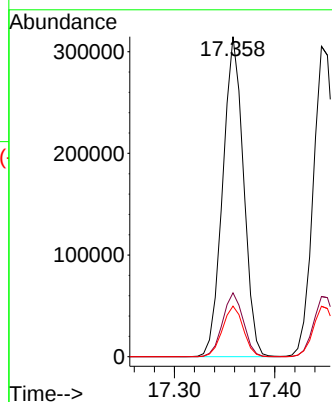
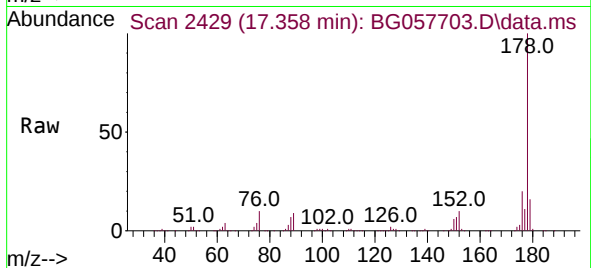
179 15.8 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#72

Anthracene

Concen: 45.614 ng

RT: 17.446 min Scan# 2444

Delta R.T. -0.007 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

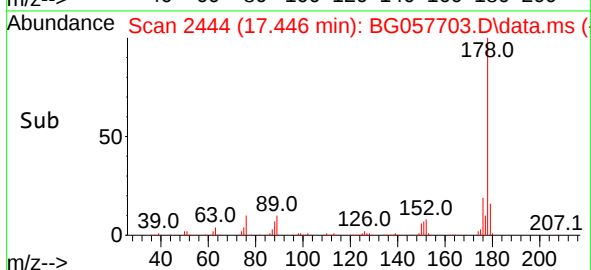
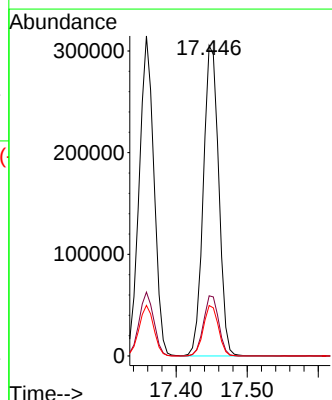
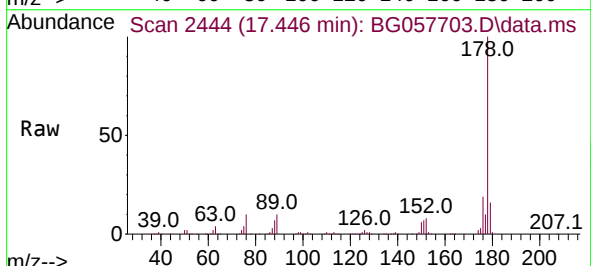
Tgt Ion:178 Resp: 461462

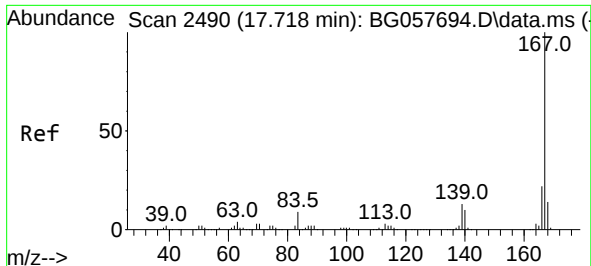
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.2 12.9 19.3





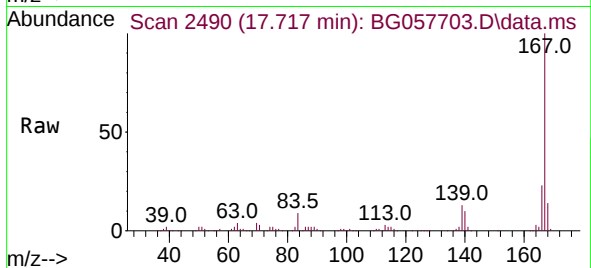
#73
 Carbazole
 Concen: 46.298 ng
 RT: 17.717 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG057703.D
 Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

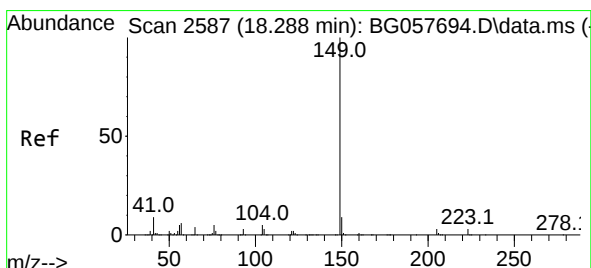
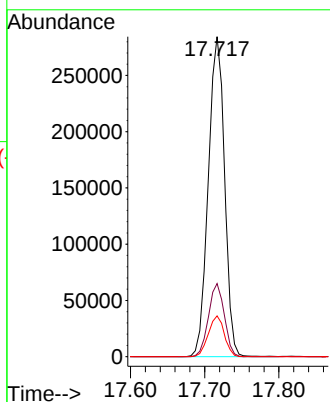
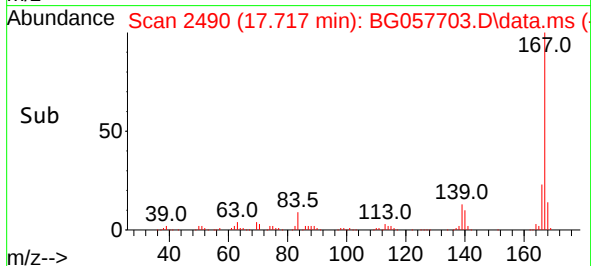


Tgt Ion:167 Resp: 433769
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.4 26.2
 139 12.8 10.2 15.2

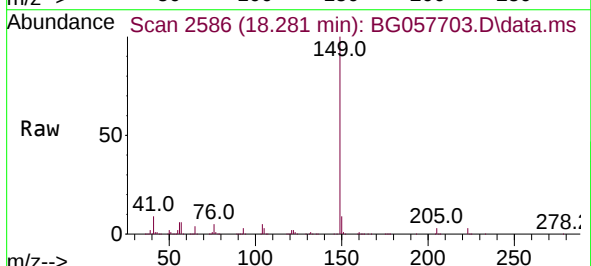
Manual Integrations

APPROVED

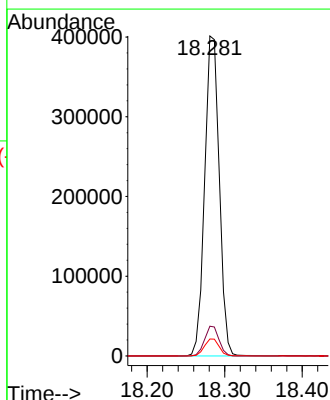
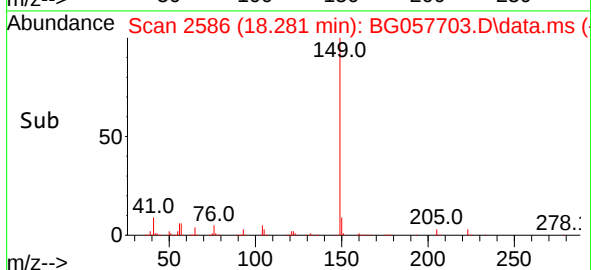
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

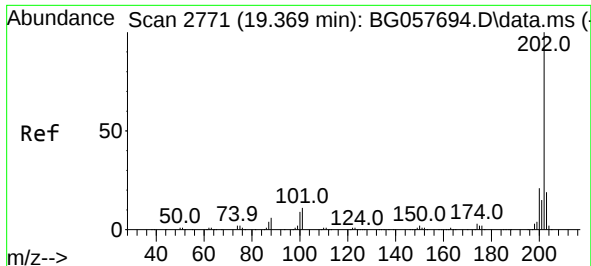


#74
 Di-n-butylphthalate
 Concen: 50.452 ng
 RT: 18.281 min Scan# 2586
 Delta R.T. -0.007 min
 Lab File: BG057703.D
 Acq: 14 Jun 2023 11:31



Tgt Ion:149 Resp: 523938
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 5.3 4.3 6.5





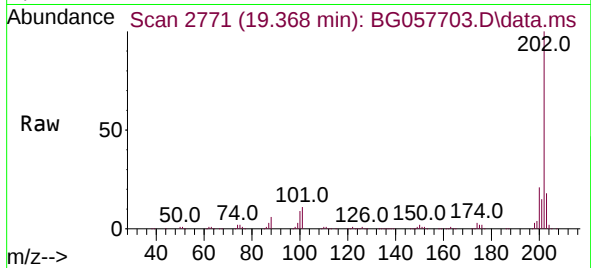
#75
Fluoranthene
Concen: 44.834 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS



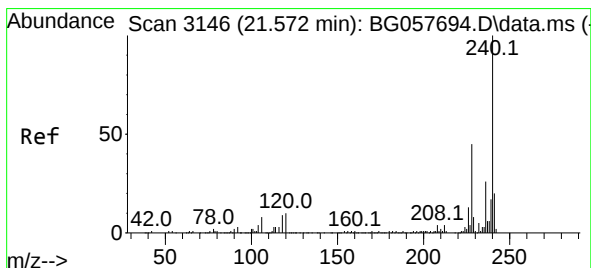
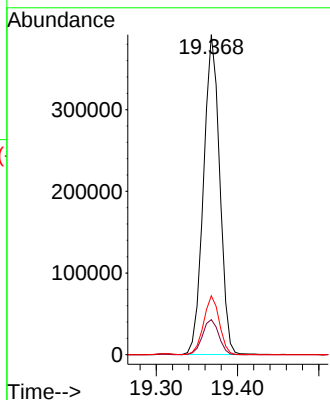
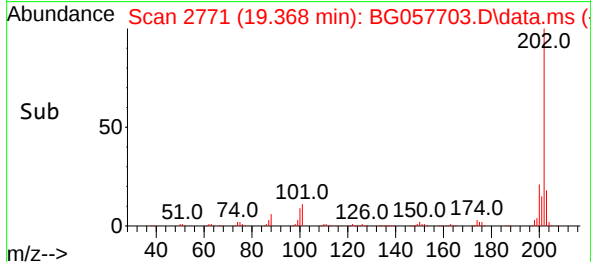
Tgt Ion:202 Resp: 539369
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.1
203 18.4 0.0 38.5

Manual Integrations

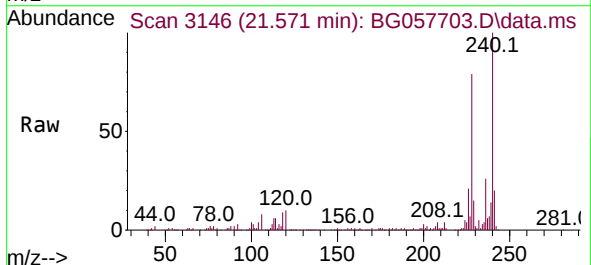
APPROVED

Reviewed By :Yogesh Patel 06/15/2023

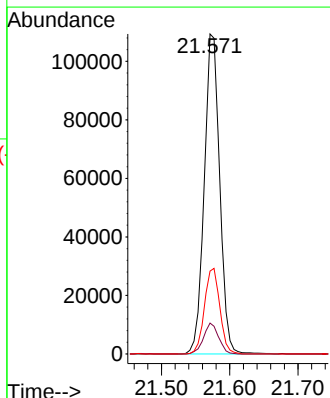
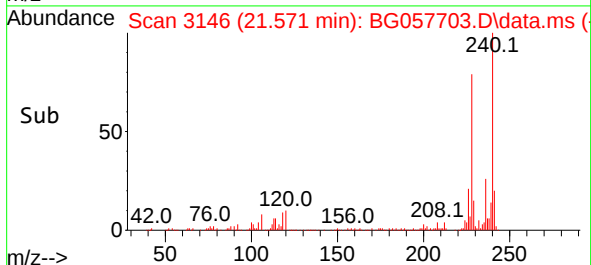
Supervised By :mohammad ahmed 06/16/2023

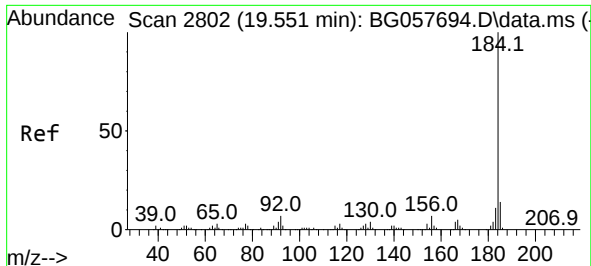


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:240 Resp: 172467
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.9 20.7 31.1





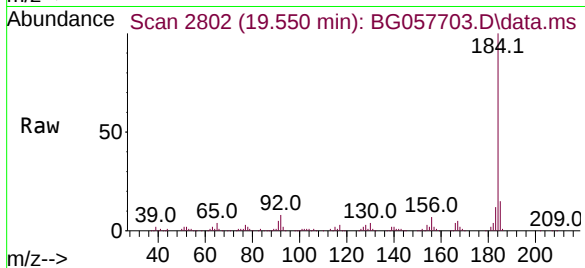
#77
Benzidine
Concen: 48.783 ng
RT: 19.550 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

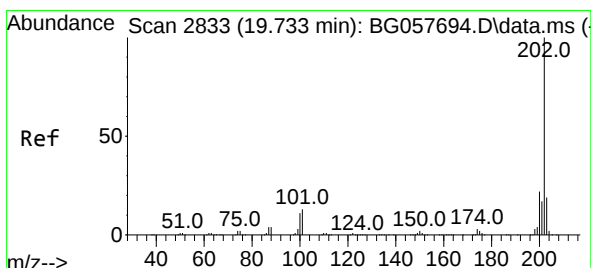
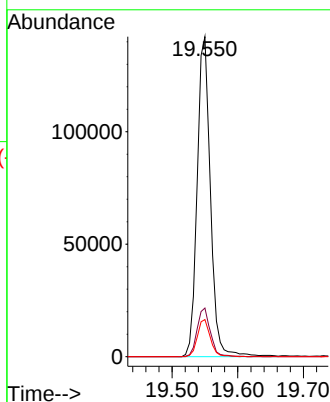
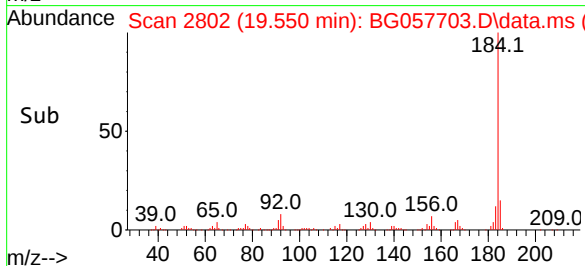


Tgt Ion:184 Resp: 20056
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 11.6 8.4 12.6

Manual Integrations

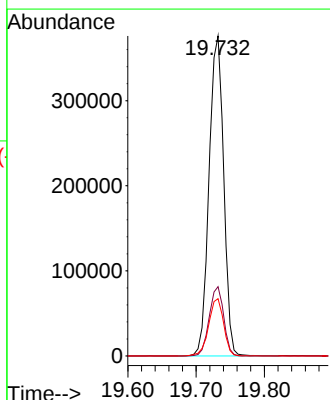
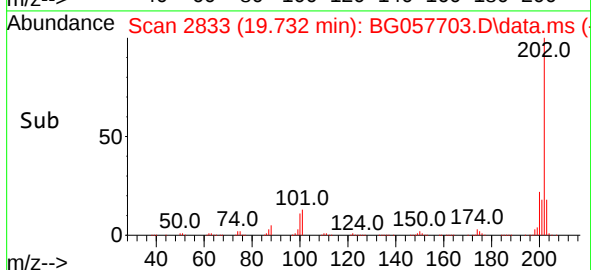
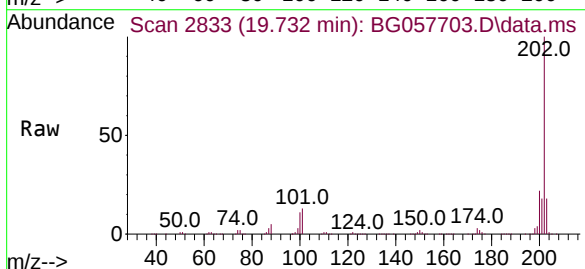
APPROVED

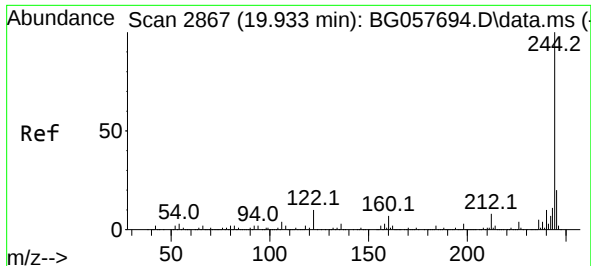
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#78
Pyrene
Concen: 45.702 ng
RT: 19.732 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Tgt Ion:202 Resp: 560817
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 17.9 14.9 22.3





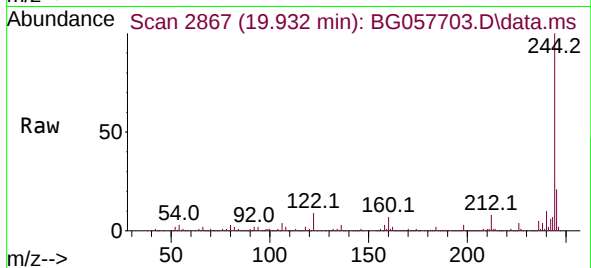
#79
 Terphenyl-d14
 Concen: 93.556 ng
 RT: 19.932 min Scan# 2867
 Delta R.T. -0.001 min
 Lab File: BG057703.D
 Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

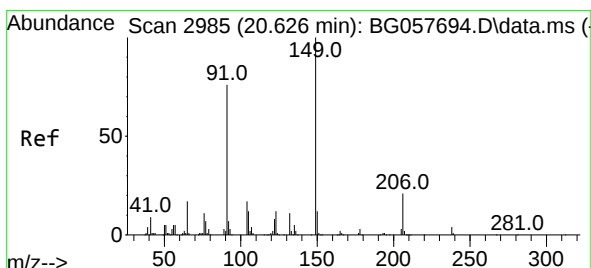
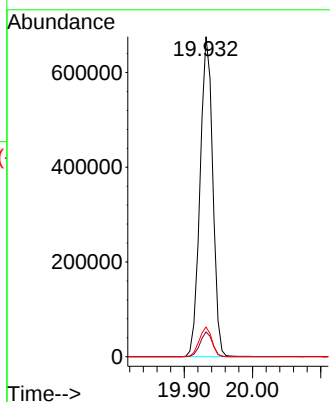
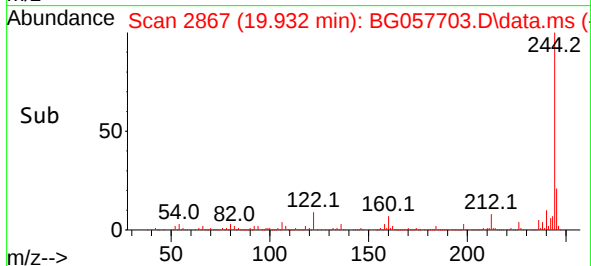


Tgt Ion:244 Resp: 872710
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.3 7.7 11.5

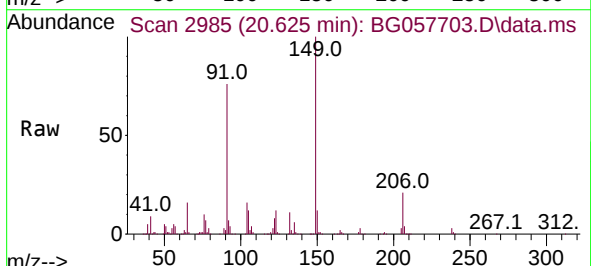
Manual Integrations

APPROVED

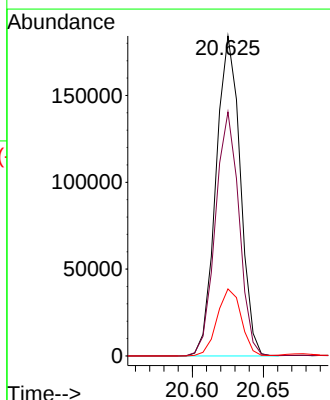
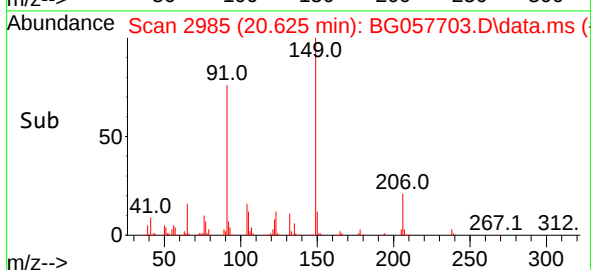
Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

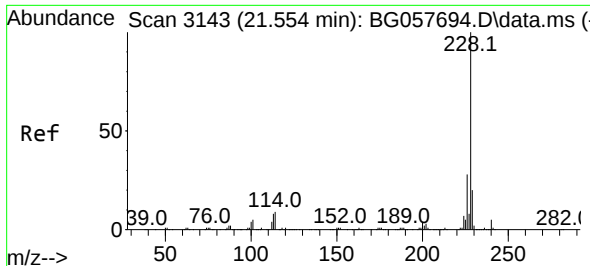


#80
 Butylbenzylphthalate
 Concen: 48.730 ng
 RT: 20.625 min Scan# 2985
 Delta R.T. -0.001 min
 Lab File: BG057703.D
 Acq: 14 Jun 2023 11:31



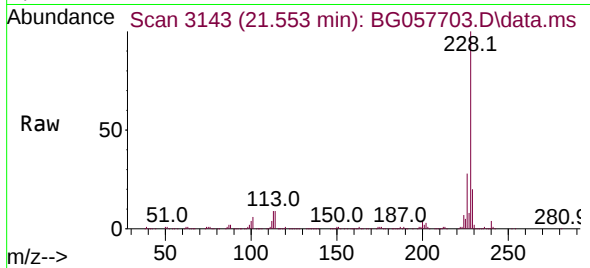
Tgt Ion:149 Resp: 217939
 Ion Ratio Lower Upper
 149 100
 91 76.2 60.8 91.2
 206 20.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 46.297 ng
RT: 21.553 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

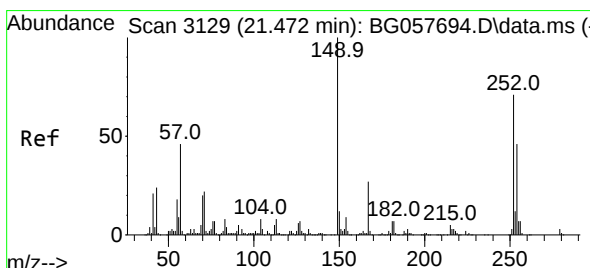
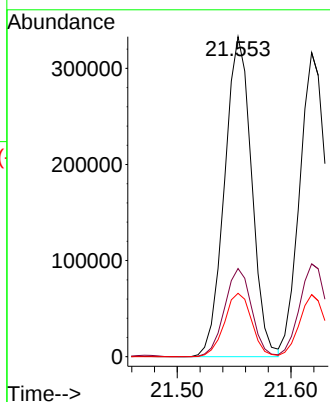
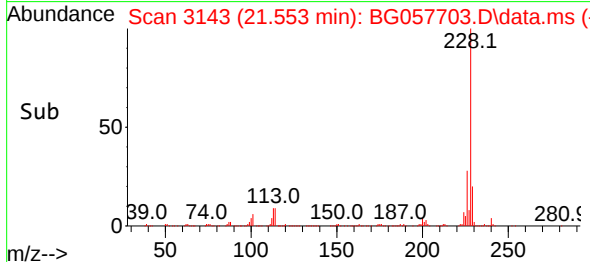
Instrument :
BNA_G
ClientSampleId :
PB153397BS



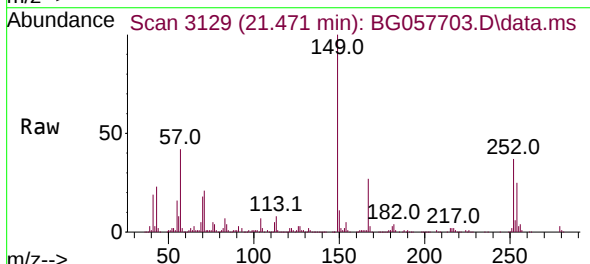
Tgt Ion:228 Resp: 551424
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 19.8 15.9 23.9

Manual Integrations
APPROVED

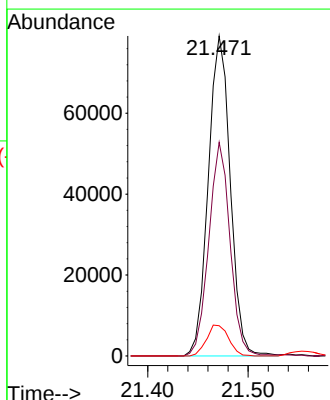
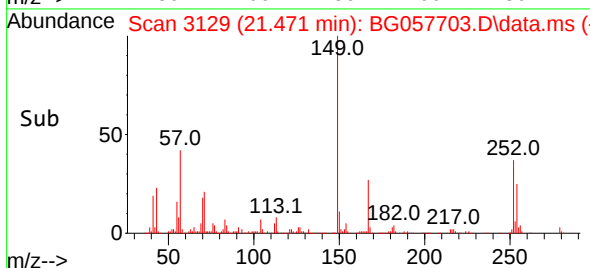
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

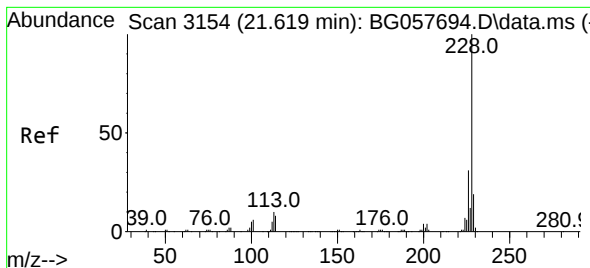


#82
3,3'-Dichlorobenzidine
Concen: 31.077 ng
RT: 21.471 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:252 Resp: 120565
Ion Ratio Lower Upper
252 100
254 66.8 51.9 77.9
126 9.5 7.4 11.0





#83

Chrysene

Concen: 44.841 ng

RT: 21.618 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BG057703.D

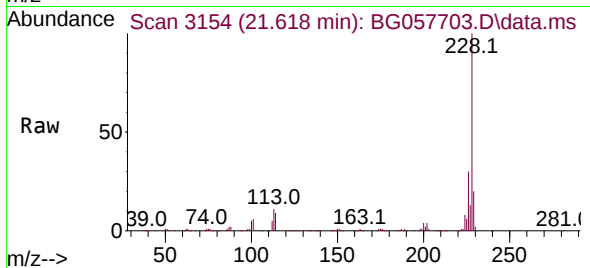
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS



Tgt Ion:228 Resp: 50827

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

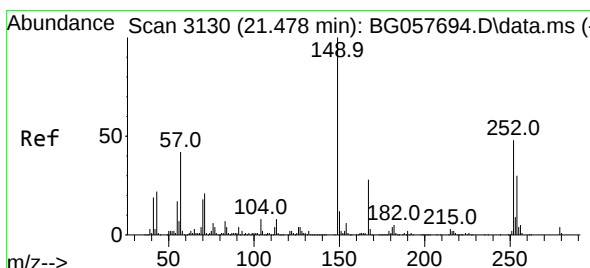
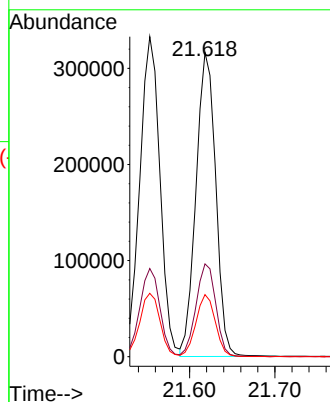
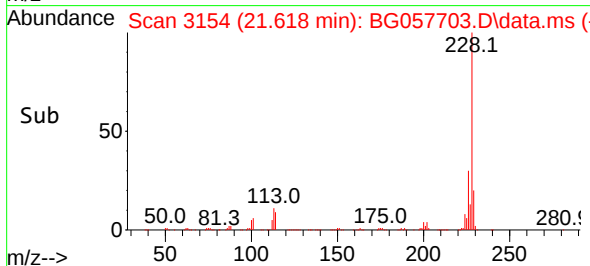
229 20.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.044 ng

RT: 21.477 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

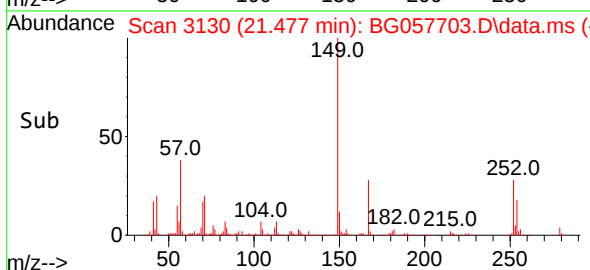
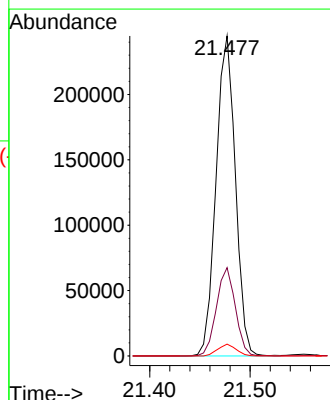
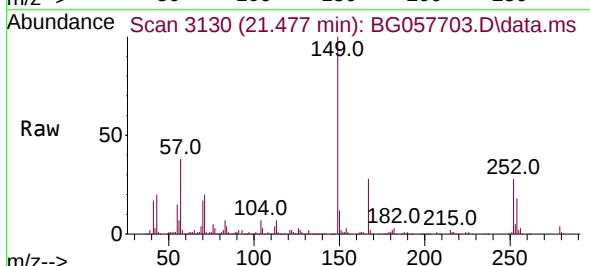
Tgt Ion:149 Resp: 326722

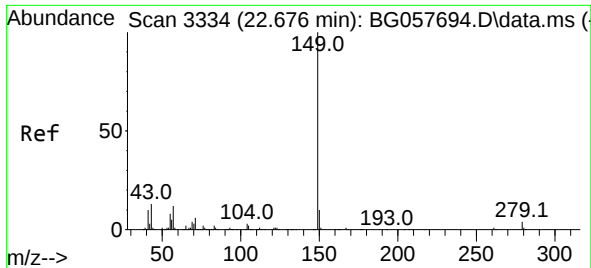
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

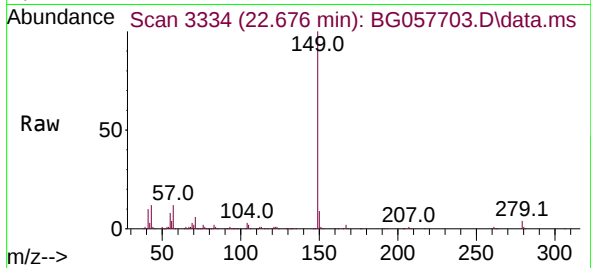
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 54.162 ng
RT: 22.676 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

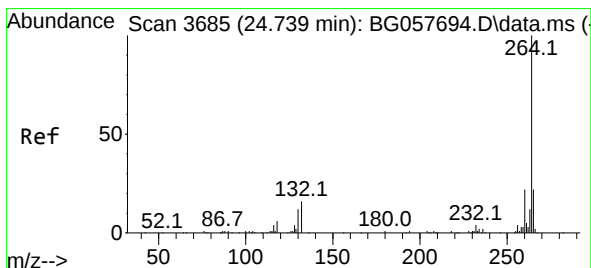
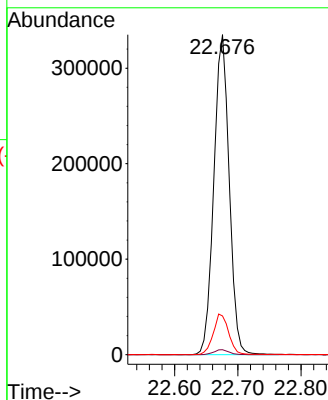
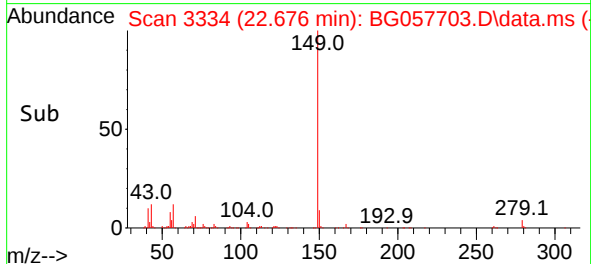
Instrument :
BNA_G
ClientSampleId :
PB153397BS



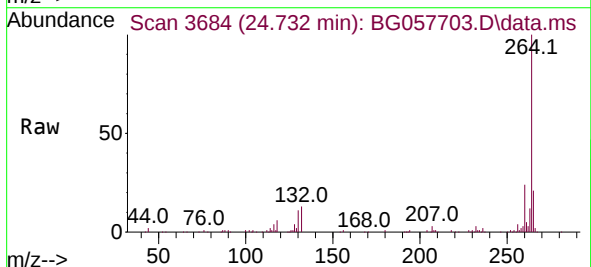
Tgt Ion:149 Resp: 564608
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 10.6 16.0

Manual Integrations
APPROVED

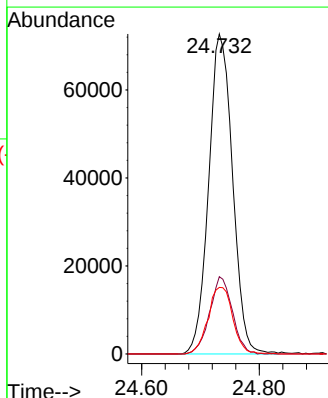
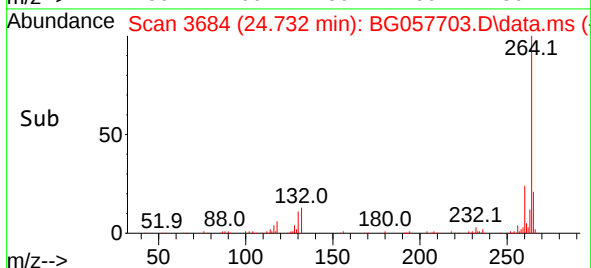
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

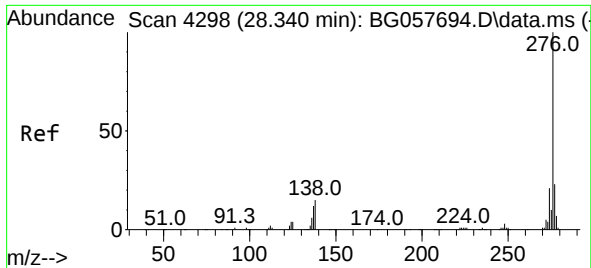


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.732 min Scan# 3684
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:264 Resp: 204791
Ion Ratio Lower Upper
264 100
260 24.2 17.3 25.9
265 20.8 17.5 26.3





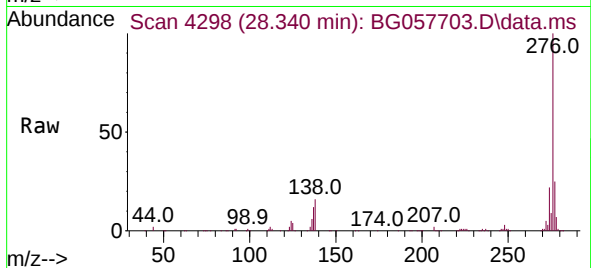
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.170 ng
RT: 28.340 min Scan# 4298
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

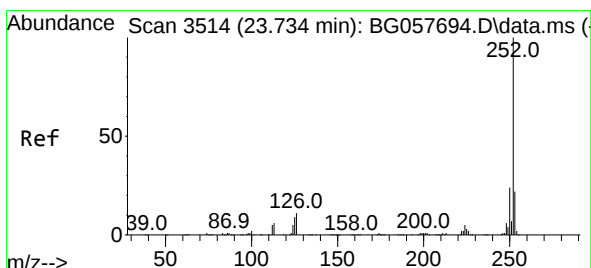
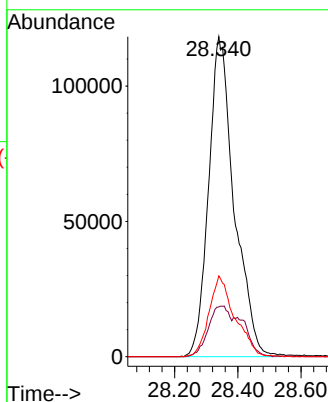
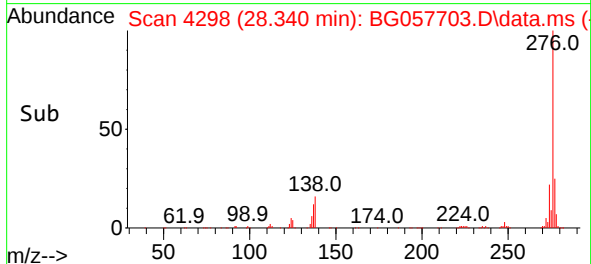


Tgt Ion:276 Resp: 664792
Ion Ratio Lower Upper
276 100
138 13.3 11.9 17.9
277 25.5 20.2 30.2

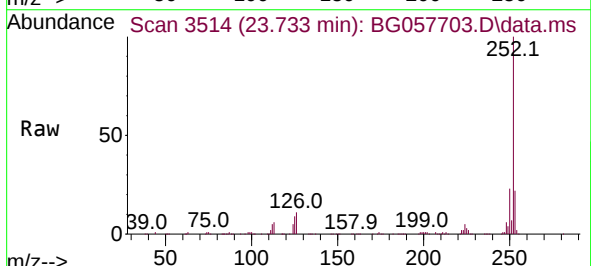
Manual Integrations

APPROVED

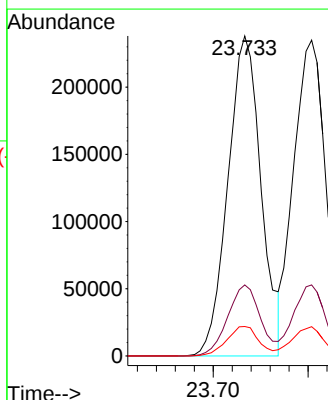
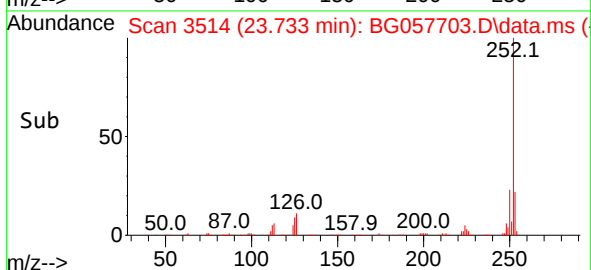
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

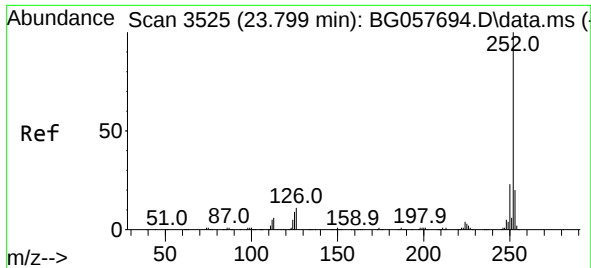


#88
Benzo(b)fluoranthene
Concen: 52.078 ng
RT: 23.733 min Scan# 3514
Delta R.T. -0.001 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



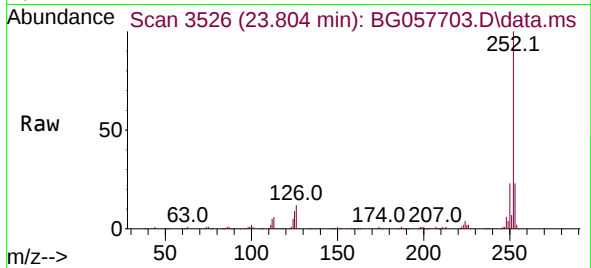
Tgt Ion:252 Resp: 578568
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.2 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 48.496 ng
RT: 23.804 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31

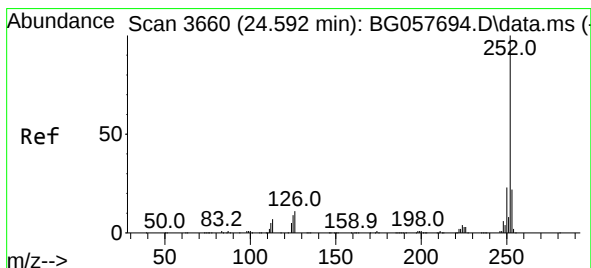
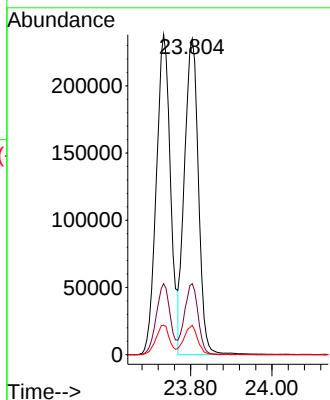
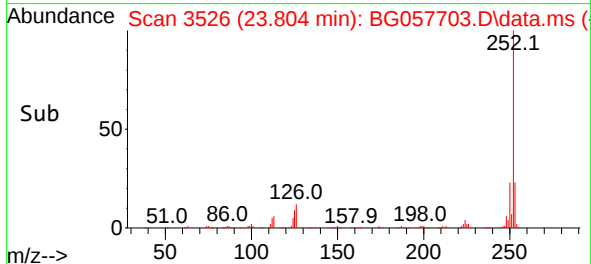
Instrument :
BNA_G
ClientSampleId :
PB153397BS



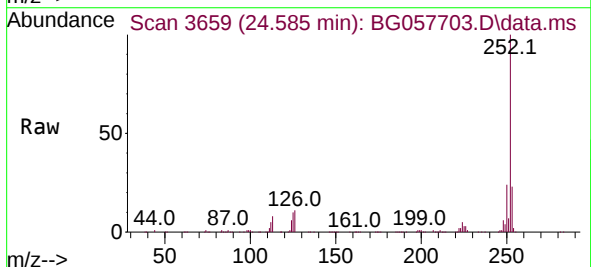
Tgt Ion:252 Resp: 55878
Ion Ratio Lower Upper
252 100
253 22.5 16.6 25.0
125 9.3 7.3 10.9

Manual Integrations
APPROVED

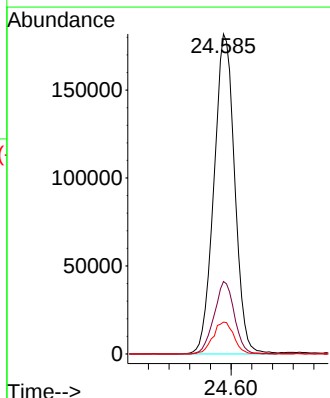
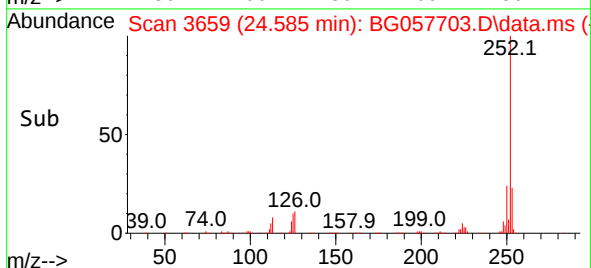
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

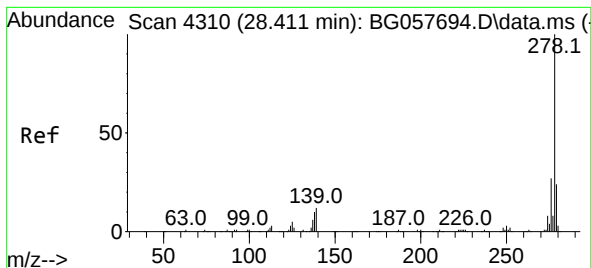


#90
Benzo(a)pyrene
Concen: 46.272 ng
RT: 24.585 min Scan# 3659
Delta R.T. -0.007 min
Lab File: BG057703.D
Acq: 14 Jun 2023 11:31



Tgt Ion:252 Resp: 505445
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 50.271 ng

RT: 28.416 min Scan# 4310

Delta R.T. 0.005 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Instrument :

BNA_G

ClientSampleId :

PB153397BS

Tgt Ion:278 Resp: 550468

Ion Ratio Lower Upper

278 100

139 13.0 10.0 15.0

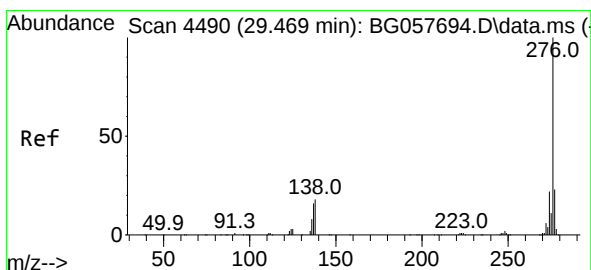
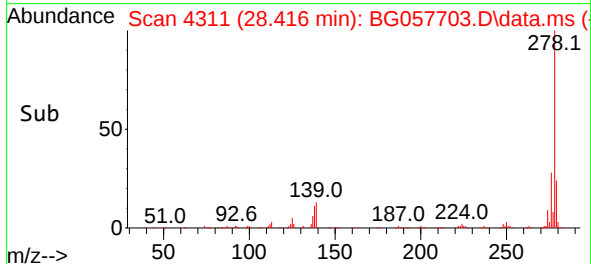
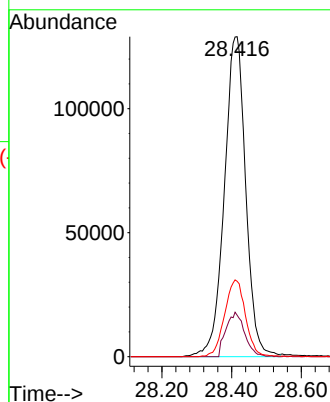
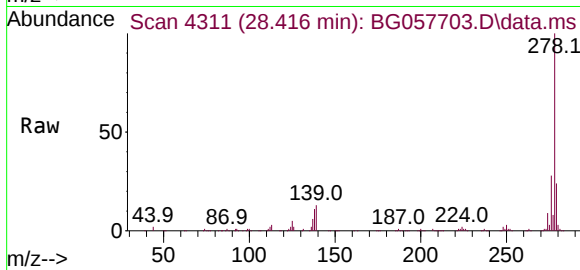
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :mohammad ahmed 06/16/2023



#92

Benzo(g,h,i)perylene

Concen: 49.661 ng

RT: 29.474 min Scan# 4491

Delta R.T. 0.005 min

Lab File: BG057703.D

Acq: 14 Jun 2023 11:31

Tgt Ion:276 Resp: 542762

Ion Ratio Lower Upper

276 100

277 23.9 18.1 27.1

138 17.6 14.6 21.8

