

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057737.D
 Acq On : 16 Jun 2023 16:36
 Operator : CG/JU
 Sample : PB153486BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153486BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:56:27 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 15:28:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	31560	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	148322	20.000	ng	0.00
39) Acenaphthene-d10	14.567	164	107441	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	257049	20.000	ng	0.00
76) Chrysene-d12	21.565	240	210937	20.000	ng	0.00
86) Perylene-d12	24.720	264	264745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	308410	159.120	ng	0.00
7) Phenol-d6	7.094	99	445854	149.737	ng	0.00
23) Nitrobenzene-d5	9.097	82	248786	100.863	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	203243	169.557	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	628985	87.264	ng	0.00
79) Terphenyl-d14	19.926	244	1103195	96.695	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	28826	29.212	ng	95
3) Pyridine	3.798	79	84191	30.140	ng	91
4) n-Nitrosodimethylamine	3.715	42	52713	38.691	ng	84
6) Aniline	7.258	93	155416	39.782	ng	98
8) 2-Chlorophenol	7.499	128	107020	57.589	ng	93
9) Benzaldehyde	7.070	77	48544m	26.450	ng	
10) Phenol	7.117	94	156615	53.828	ng	97
11) bis(2-Chloroethyl)ether	7.352	93	105298	46.174	ng	100
12) 1,3-Dichlorobenzene	7.822	146	97032	45.138	ng	99
13) 1,4-Dichlorobenzene	7.969	146	100706	47.250	ng	96
14) 1,2-Dichlorobenzene	8.286	146	98922	47.768	ng	98
15) Benzyl Alcohol	8.169	79	113544	49.790	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	211818	42.657	ng	99
17) 2-Methylphenol	8.369	107	107531	50.223	ng	94
18) Hexachloroethane	9.015	117	35296	53.589	ng	94
19) n-Nitroso-di-n-propyla...	8.739	70	96033	44.605	ng	97
20) 3+4-Methylphenols	8.698	107	148275	50.650	ng	98
22) Acetophenone	8.757	105	181818	42.196	ng	96
24) Nitrobenzene	9.138	77	125515	47.053	ng	99
25) Isophorone	9.661	82	281888	41.003	ng	100
26) 2-Nitrophenol	9.849	139	45988	60.956	ng	94
27) 2,4-Dimethylphenol	9.902	122	115924	50.498	ng	95
28) bis(2-Chloroethoxy)met...	10.143	93	157720	44.132	ng	96
29) 2,4-Dichlorophenol	10.378	162	111583	57.301	ng	97
30) 1,2,4-Trichlorobenzene	10.601	180	111928	44.223	ng	99
31) Naphthalene	10.789	128	339391	42.576	ng	98
32) Benzoic acid	10.037	122	89429m	99.689	ng	
33) 4-Chloroaniline	10.889	127	96756	26.070	ng	98
34) Hexachlorobutadiene	11.071	225	66850	42.001	ng	98
35) Caprolactam	11.671	113	44204m	55.027	ng	
36) 4-Chloro-3-methylphenol	12.012	107	143953	52.180	ng	98
37) 2-Methylnaphthalene	12.393	142	244478	41.455	ng	99
38) 1-Methylnaphthalene	12.617	142	230354	41.636	ng	96
40) 1,2,4,5-Tetrachloroben...	12.764	216	130916	43.045	ng	99
41) Hexachlorocyclopentadiene	12.746	237	173200	149.307	ng	94
43) 2,4,6-Trichlorophenol	12.999	196	101374	51.258	ng	99

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Manual Integrations
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 Supervised By :mohammad ahmed 06/20/2023

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	111608	47.951	ng	96
46) 1,1'-Biphenyl	13.404	154	328947	44.313	ng	97
47) 2-Chloronaphthalene	13.445	162	255970	45.622	ng	97
48) 2-Nitroaniline	13.645	65	91980	56.743	ng	98
49) Acenaphthylene	14.291	152	430076	44.200	ng	99
50) Dimethylphthalate	14.027	163	362470	46.012	ng	100
51) 2,6-Dinitrotoluene	14.138	165	71424	57.818	ng	87
52) Acenaphthene	14.632	154	289488m	49.634	ng	
53) 3-Nitroaniline	14.473	138	56480	43.149	ng	# 88
54) 2,4-Dinitrophenol	14.673	184	72728	117.864	ng	97
55) Dibenzofuran	14.967	168	420015	42.902	ng	99
56) 4-Nitrophenol	14.773	139	135601	101.418	ng	93
57) 2,4-Dinitrotoluene	14.926	165	101079	61.516	ng	96
58) Fluorene	15.613	166	335101	42.968	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.190	232	101582	52.087	ng	100
60) Diethylphthalate	15.390	149	377240	46.390	ng	99
61) 4-Chlorophenyl-phenyle...	15.607	204	180488	43.198	ng	99
62) 4-Nitroaniline	15.637	138	78591	52.142	ng	93
63) Azobenzene	15.901	77	378342	43.270	ng	99
65) 4,6-Dinitro-2-methylph...	15.690	198	52166	71.512	ng	88
66) n-Nitrosodiphenylamine	15.825	169	309385	46.043	ng	99
67) 4-Bromophenyl-phenylether	16.500	248	122485	46.797	ng	98
68) Hexachlorobenzene	16.618	284	130862	47.841	ng	96
69) Atrazine	16.771	200	113884	50.940	ng	96
70) Pentachlorophenol	16.959	266	178359	108.612	ng	97
71) Phenanthrene	17.352	178	559227	44.584	ng	99
72) Anthracene	17.446	178	576378	45.359	ng	100
73) Carbazole	17.711	167	538558	45.764	ng	97
74) Di-n-butylphthalate	18.275	149	665565	51.025	ng	99
75) Fluoranthene	19.362	202	672080	44.477	ng	99
77) Benzidine	19.544	184	229494	45.638	ng	97
78) Pyrene	19.726	202	684334	45.597	ng	99
80) Butylbenzylphthalate	20.619	149	288290	52.369	ng	96
81) Benzo(a)anthracene	21.547	228	669794	45.979	ng	98
82) 3,3'-Dichlorobenzidine	21.465	252	233279	49.164	ng	99
83) Chrysene	21.612	228	627370	45.253	ng	99
84) Bis(2-ethylhexyl)phtha...	21.465	149	412959	55.850	ng	99
85) Di-n-octyl phthalate	22.658	149	749862	58.814	ng	97
87) Indeno(1,2,3-cd)pyrene	28.328	276	827646	48.315	ng	100
88) Benzo(b)fluoranthene	23.721	252	712957	49.641	ng	99
89) Benzo(k)fluoranthene	23.792	252	687268	46.139	ng	96
90) Benzo(a)pyrene	24.573	252	630704	44.663	ng	98
91) Dibenzo(a,h)anthracene	28.386	278	681329	48.131	ng	98
92) Benzo(g,h,i)perylene	29.450	276	671594	47.533	ng	97

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

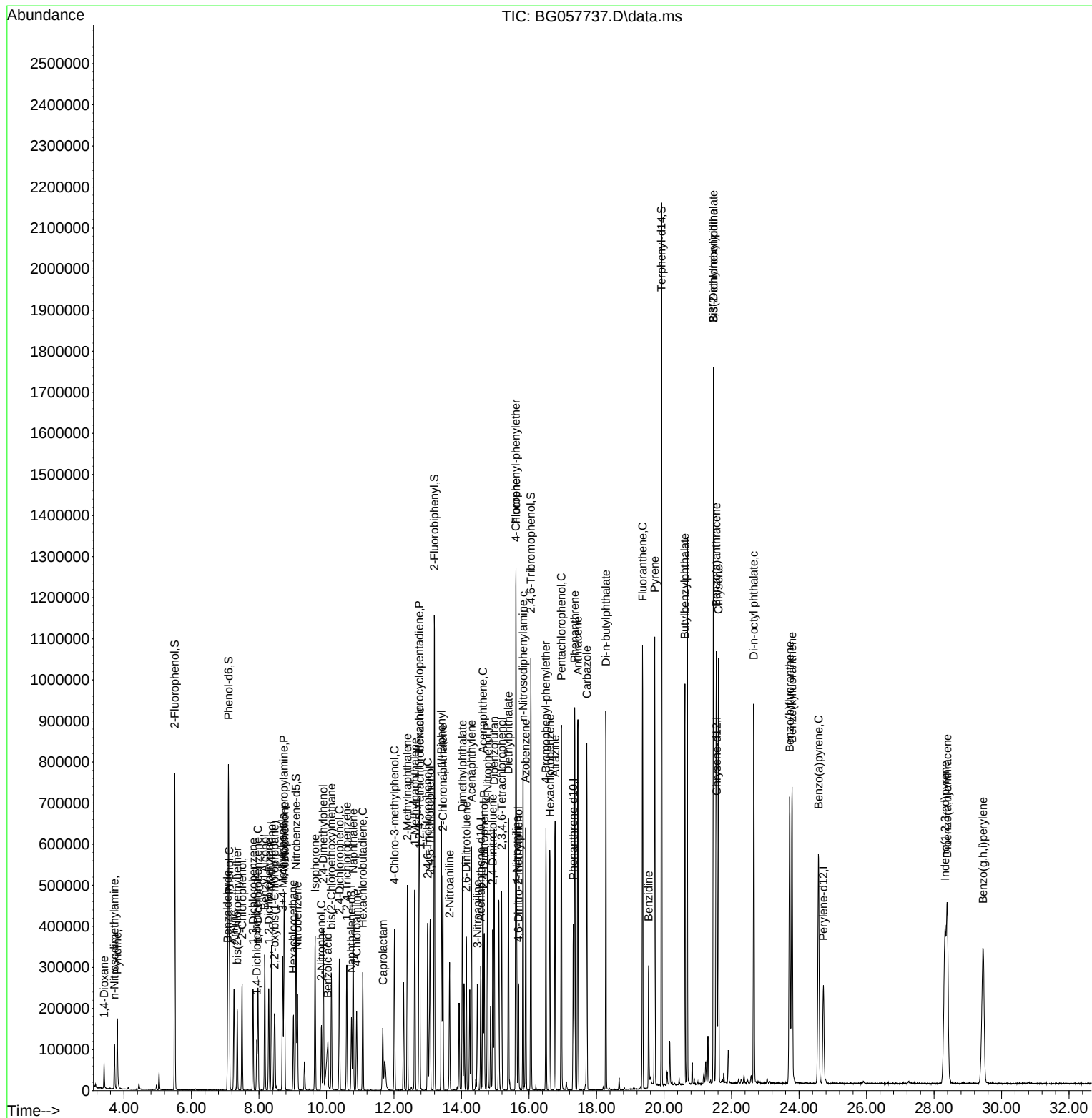
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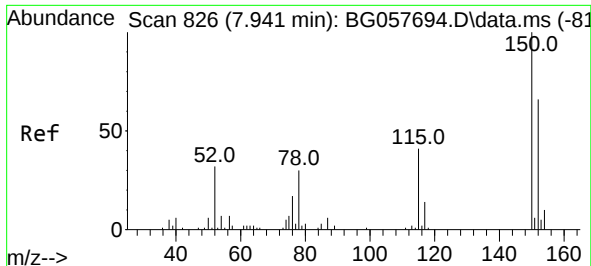
Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations APPROVED

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

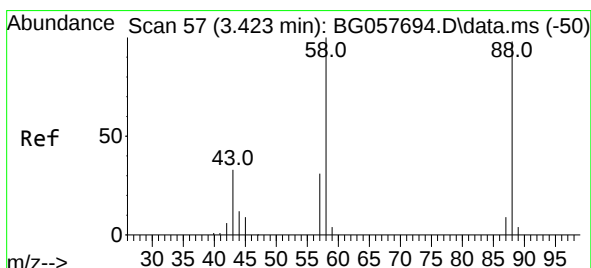
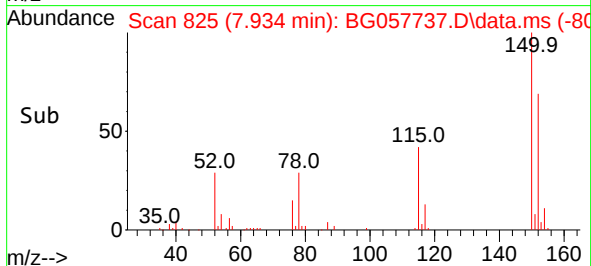
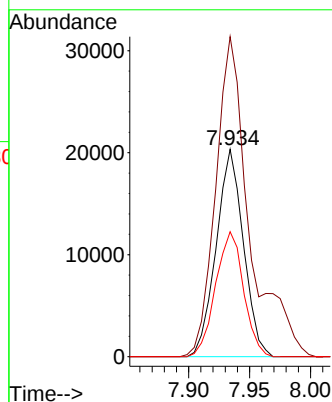
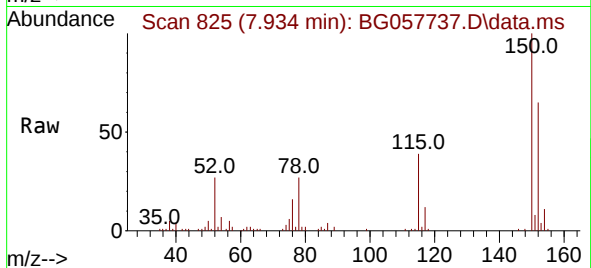
PB153486BS

Tgt Ion:152 Resp: 31560
Ion Ratio Lower Upper
152 100
150 154.3 120.8 181.2
115 60.3 49.4 74.2

Manual Integrations

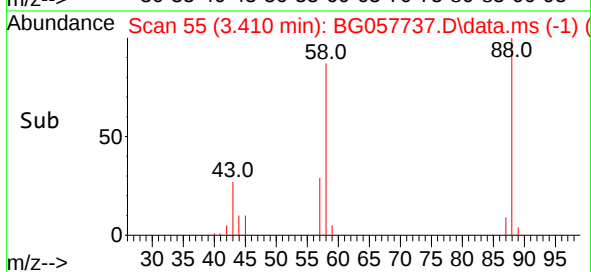
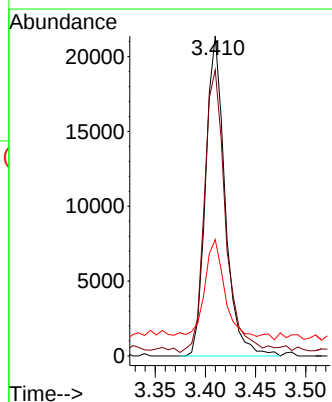
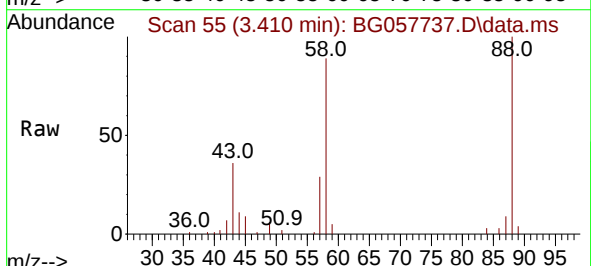
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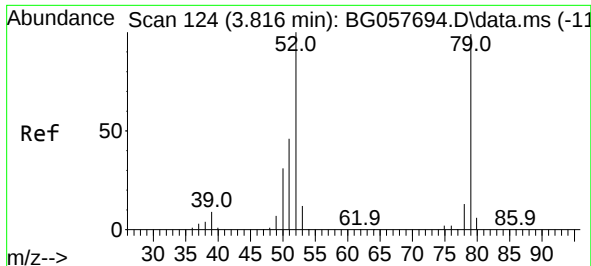
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 29.212 ng
RT: 3.410 min Scan# 55
Delta R.T. -0.014 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion: 88 Resp: 28826
Ion Ratio Lower Upper
88 100
58 97.9 83.0 124.6
43 33.9 26.2 39.4





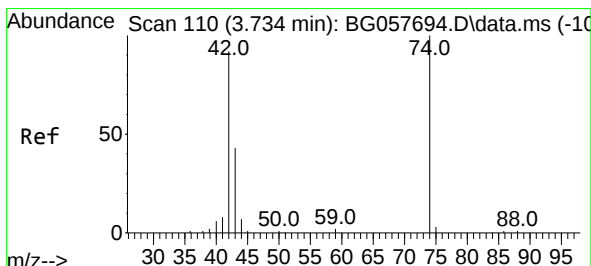
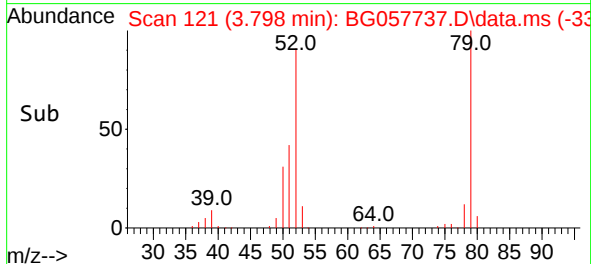
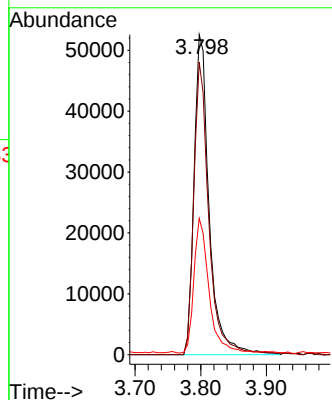
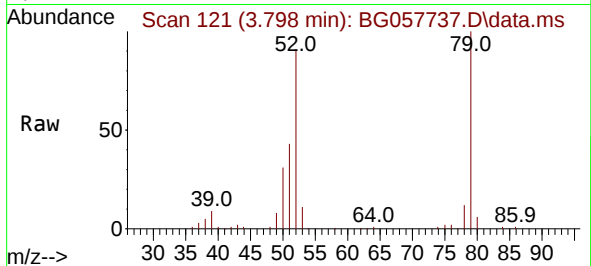
#3
Pyridine
Concen: 30.140 ng
RT: 3.798 min Scan# 110
Delta R.T. -0.014 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :
BNA_G
ClientSampleId :
PB153486BS

Tgt Ion: 79 Resp: 8419
Ion Ratio Lower Upper
79 100
52 91.4 81.1 121.7
51 42.6 38.0 57.0

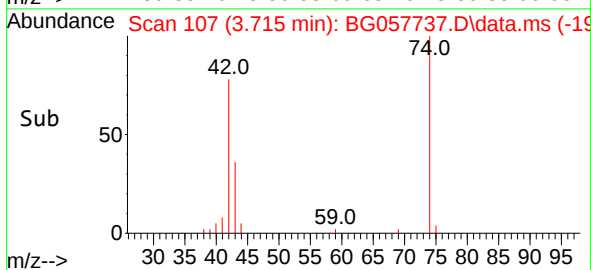
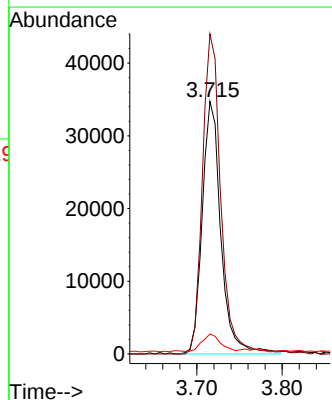
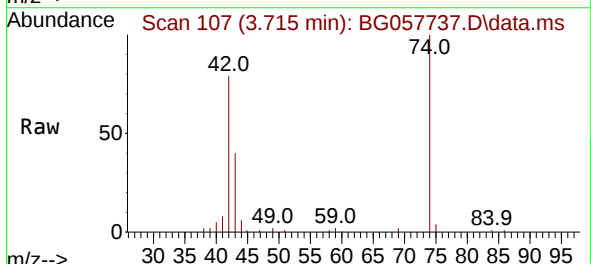
Manual Integrations
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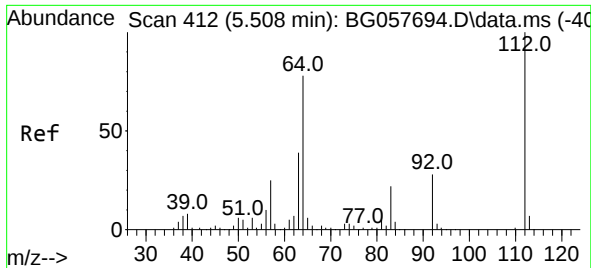
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 38.691 ng
RT: 3.715 min Scan# 107
Delta R.T. -0.014 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion: 42 Resp: 52713
Ion Ratio Lower Upper
42 100
74 126.7 86.8 130.2
44 7.9 7.5 11.3





#5
2-Fluorophenol
Concen: 159.120 ng
RT: 5.502 min Scan# 412
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

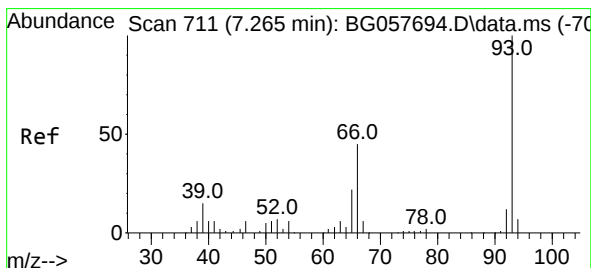
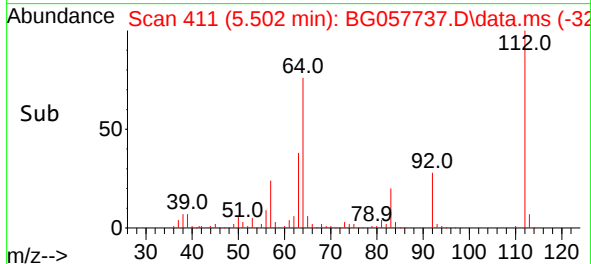
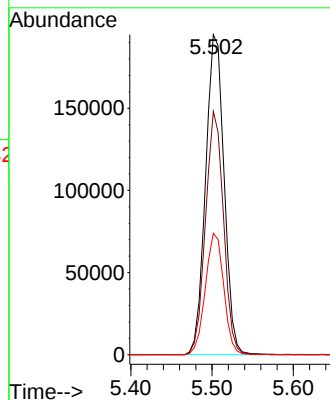
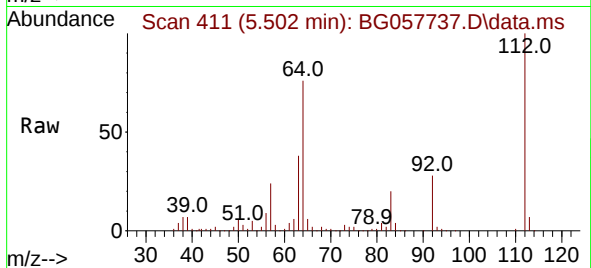
PB153486BS

Tgt Ion:112 Resp: 308410
Ion Ratio Lower Upper
112 100
64 76.1 62.3 93.5
63 38.0 31.5 47.3

Manual Integrations

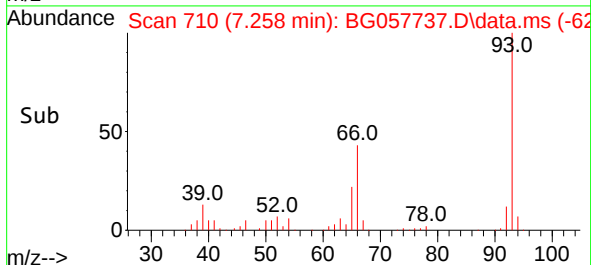
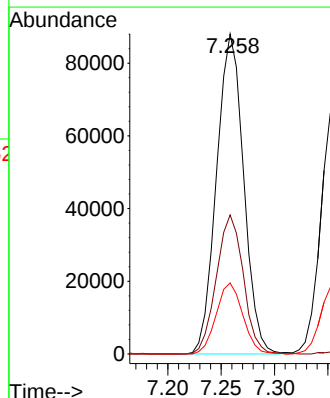
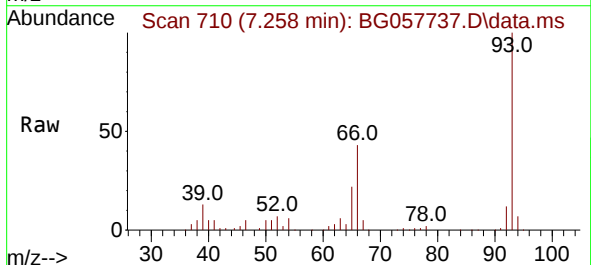
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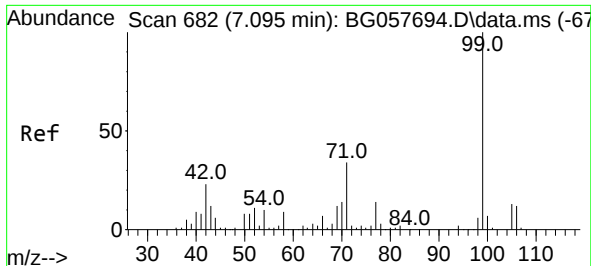
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 39.782 ng
RT: 7.258 min Scan# 710
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion: 93 Resp: 155416
Ion Ratio Lower Upper
93 100
66 43.5 36.1 54.1
65 22.2 17.2 25.8





#7
Phenol-d6
Concen: 149.737 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

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BNA_G

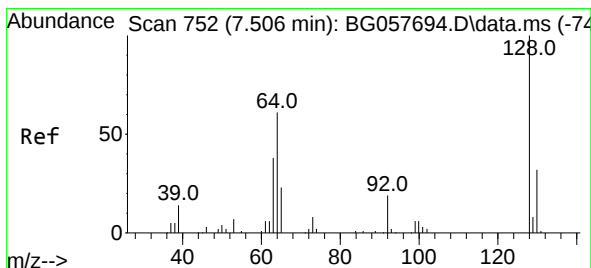
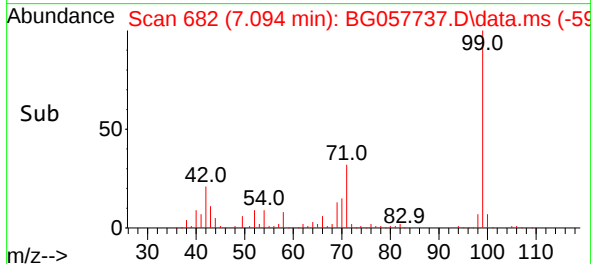
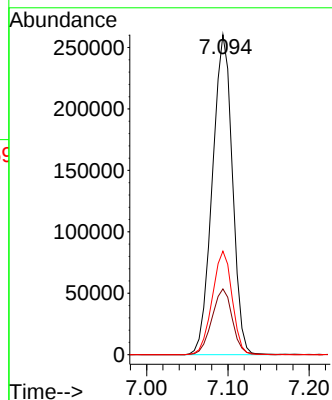
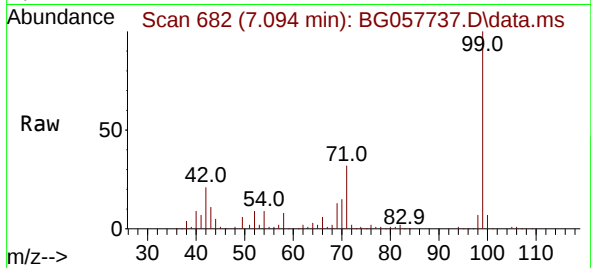
ClientSampleId :

PB153486BS

Tgt Ion: 99 Resp: 445854
Ion Ratio Lower Upper
99 100
42 20.6 18.3 27.5
71 32.3 27.5 41.3

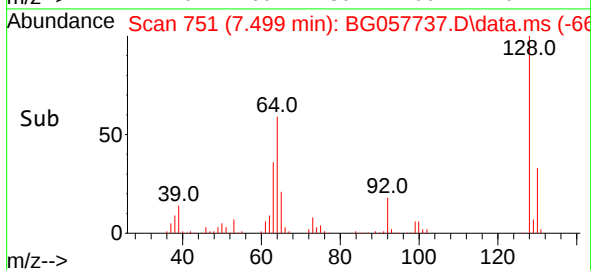
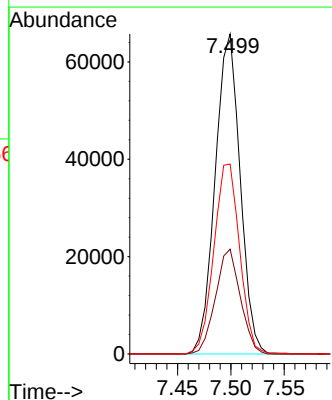
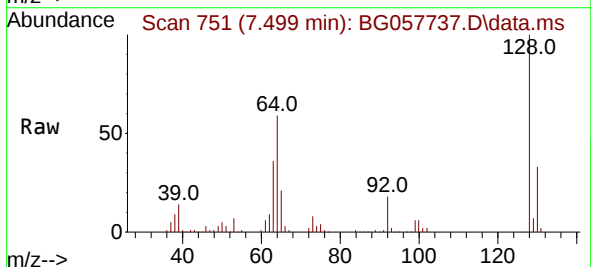
Manual Integrations
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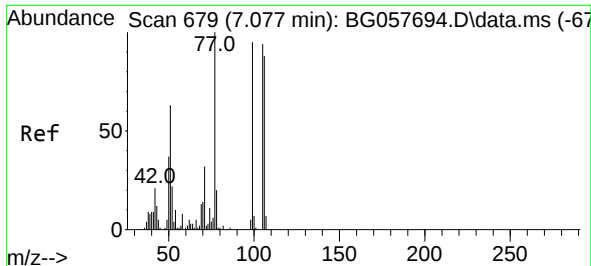
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 57.589 ng
RT: 7.499 min Scan# 751
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

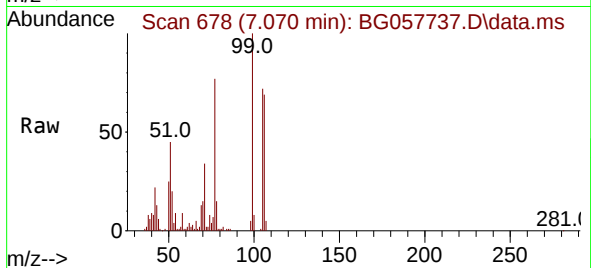
Tgt Ion:128 Resp: 107020
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 59.3 47.2 87.2





#9
Benzaldehyde
Concen: 26.450 ng m
RT: 7.070 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

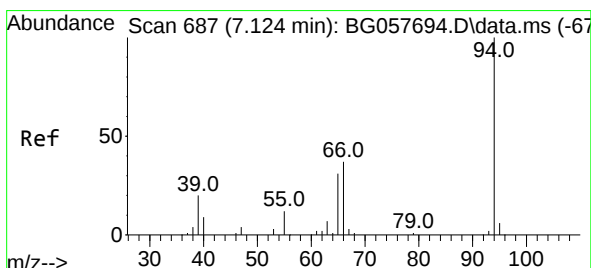
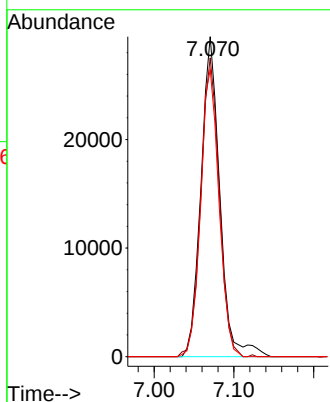
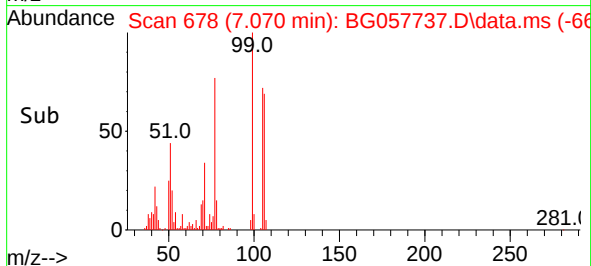
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Tgt Ion: 77 Resp: 48544
Ion Ratio Lower Upper
77 100
105 93.4 73.9 113.9
106 89.7 68.2 108.2

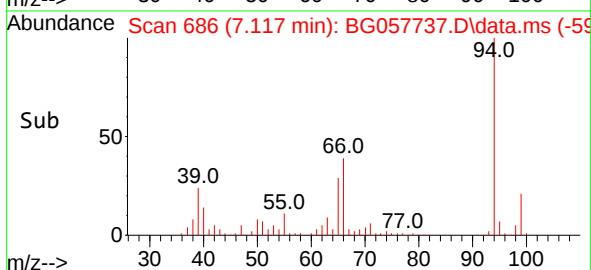
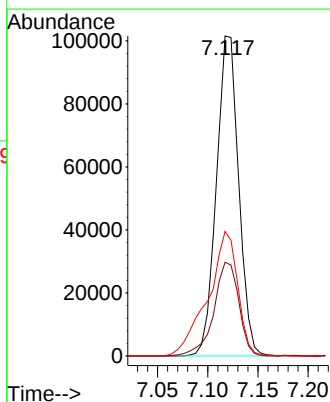
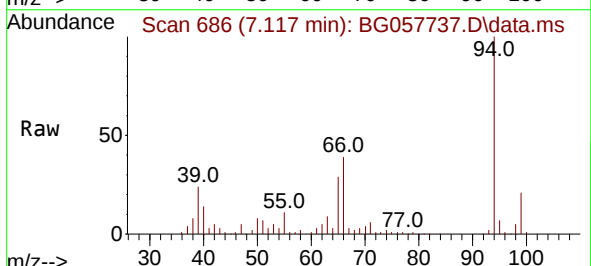
Manual Integrations
APPROVED

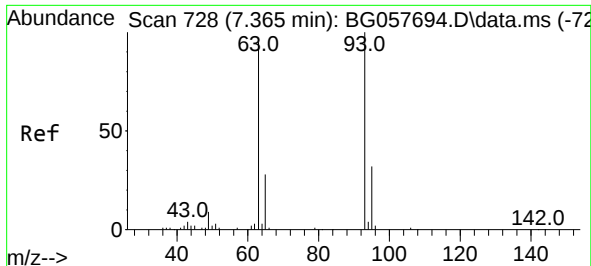
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 53.828 ng
RT: 7.117 min Scan# 686
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion: 94 Resp: 156615
Ion Ratio Lower Upper
94 100
65 29.3 11.5 51.5
66 38.9 20.1 60.1





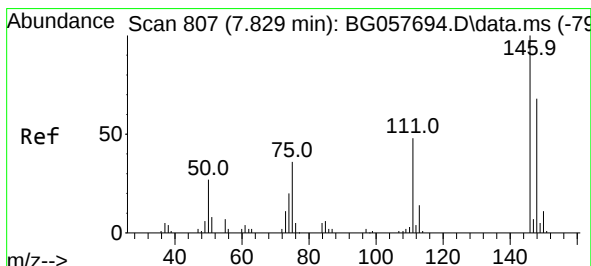
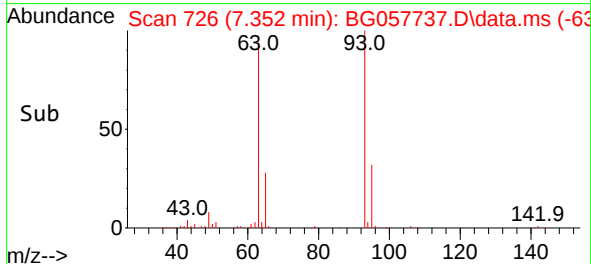
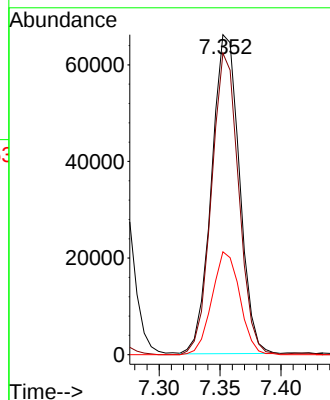
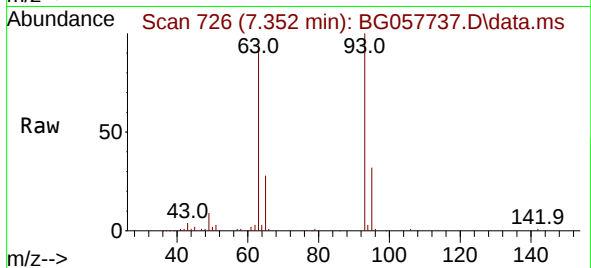
#11
bis(2-Chloroethyl)ether
Concen: 46.174 ng
RT: 7.352 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :
BNA_G
ClientSampleId :
PB153486BS

Tgt Ion: 93 Resp: 105298
Ion Ratio Lower Upper
93 100
63 94.2 74.5 114.5
95 32.1 12.1 52.1

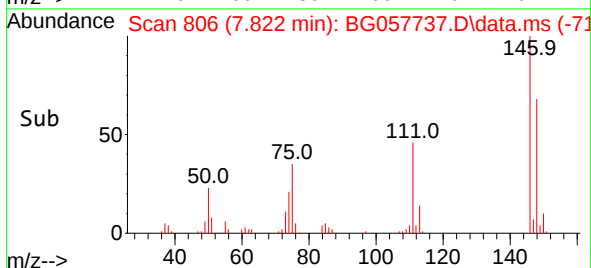
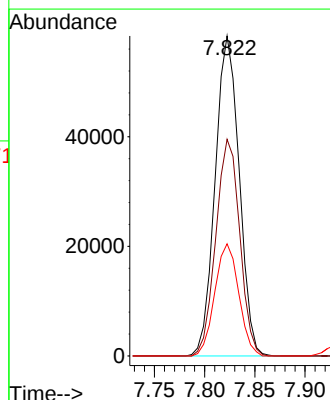
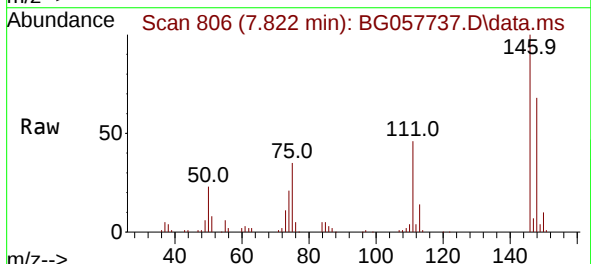
Manual Integrations
APPROVED

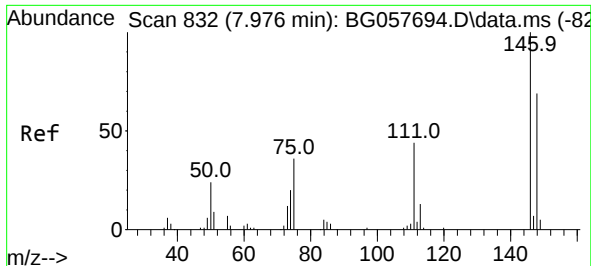
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 45.138 ng
RT: 7.822 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

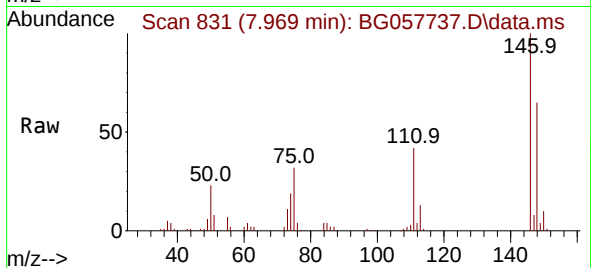
Tgt Ion:146 Resp: 97032
Ion Ratio Lower Upper
146 100
148 67.7 54.6 81.8
75 35.0 28.7 43.1





#13
1,4-Dichlorobenzene
Concen: 47.250 ng
RT: 7.969 min Scan# 811
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

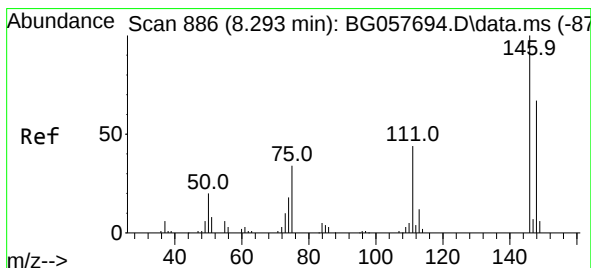
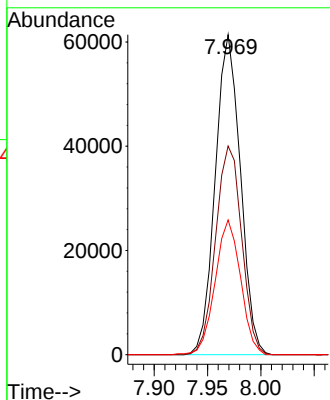
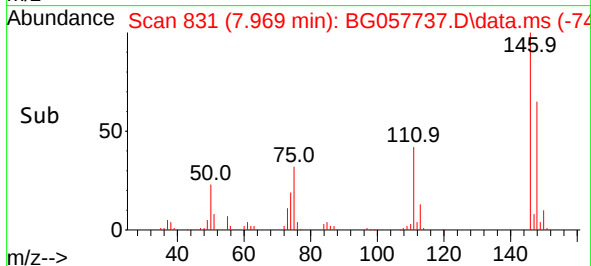
Instrument :
BNA_G
ClientSampleId :
PB153486BS



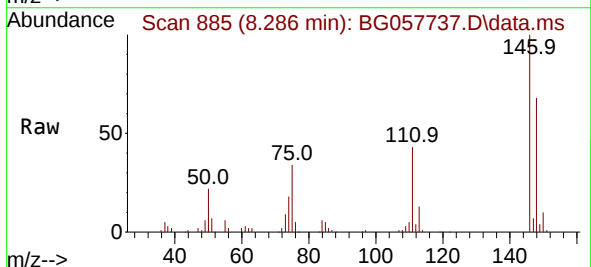
Tgt Ion:146 Resp: 100700
Ion Ratio Lower Upper
146 100
148 65.2 55.5 83.3
111 42.1 35.3 52.9

Manual Integrations
APPROVED

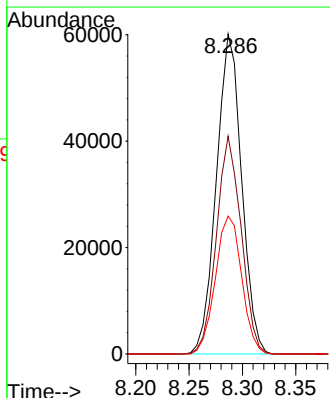
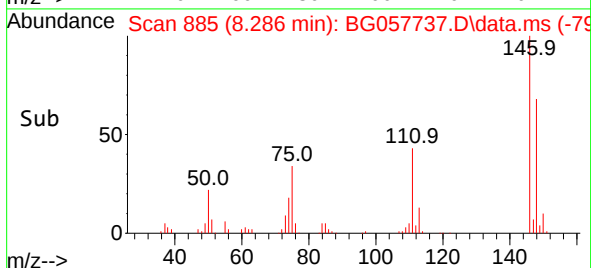
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

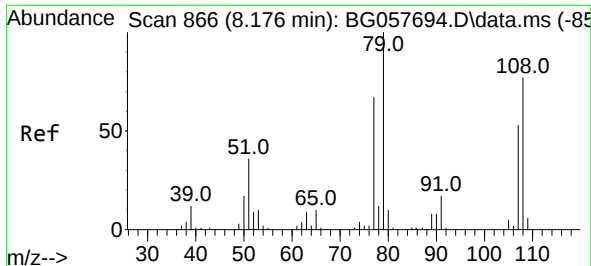


#14
1,2-Dichlorobenzene
Concen: 47.768 ng
RT: 8.286 min Scan# 885
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:146 Resp: 98922
Ion Ratio Lower Upper
146 100
148 68.0 53.8 80.8
111 43.1 35.8 53.6





#15
Benzyl Alcohol
Concen: 49.790 ng
RT: 8.169 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

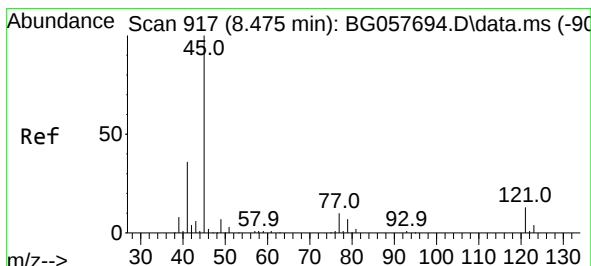
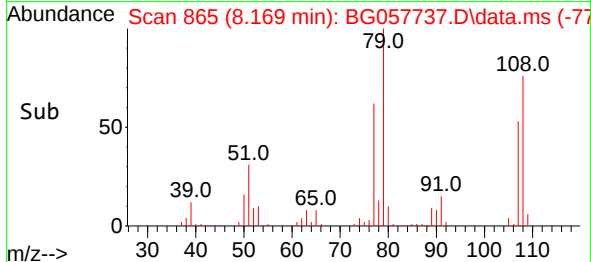
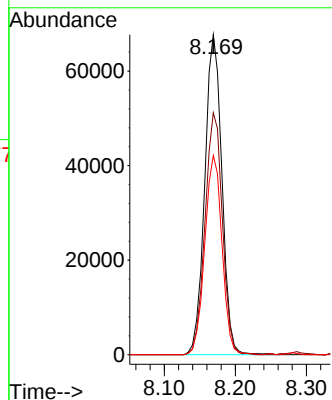
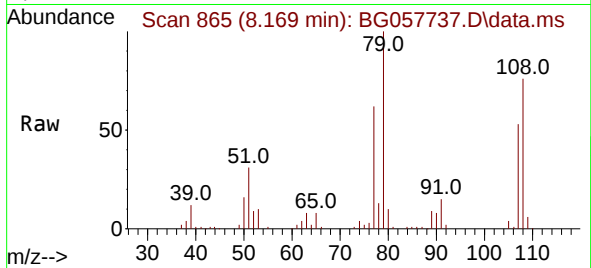
ClientSampleId :

PB153486BS

Tgt Ion: 79 Resp: 11354
Ion Ratio Lower Upper
79 100
108 75.6 61.6 92.4
77 62.3 53.2 79.8

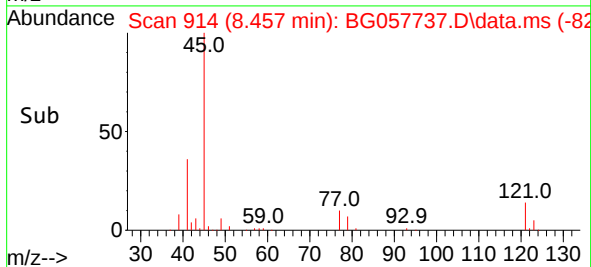
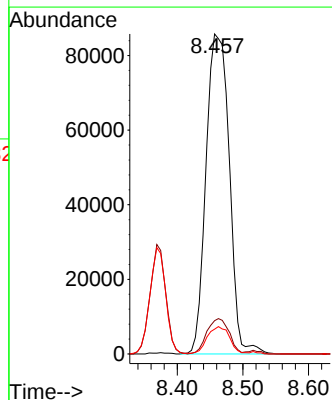
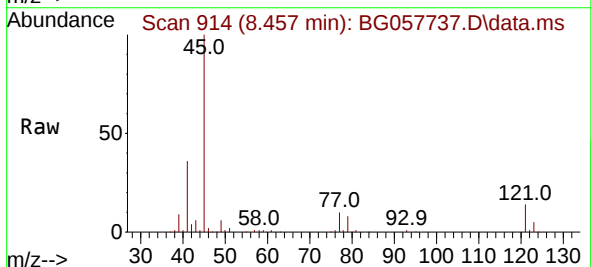
Manual Integrations
APPROVED

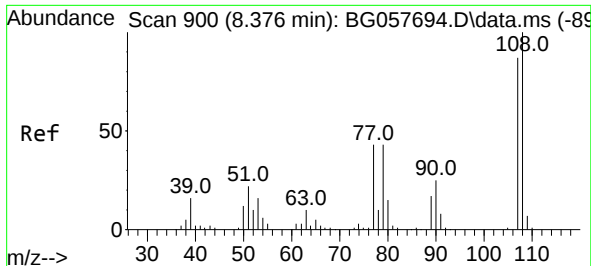
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.657 ng
RT: 8.457 min Scan# 914
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion: 45 Resp: 211818
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.3
79 7.8 0.0 26.9





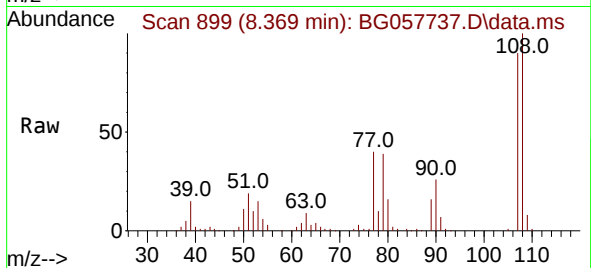
#17
2-Methylphenol
Concen: 50.223 ng
RT: 8.369 min Scan# 899
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

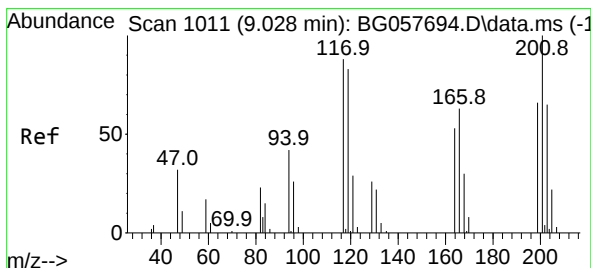
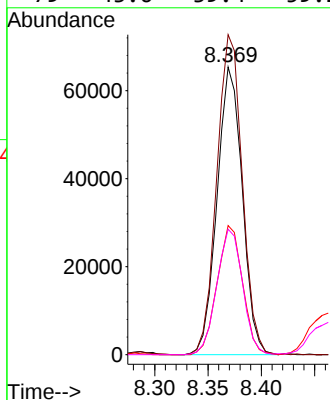
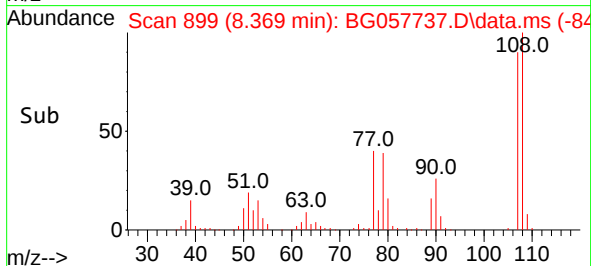
PB153486BS



Tgt Ion:107 Resp: 10753
Ion Ratio Lower Upper
107 100
108 111.3 92.4 138.6
77 44.9 39.9 59.9
79 43.6 39.4 59.2

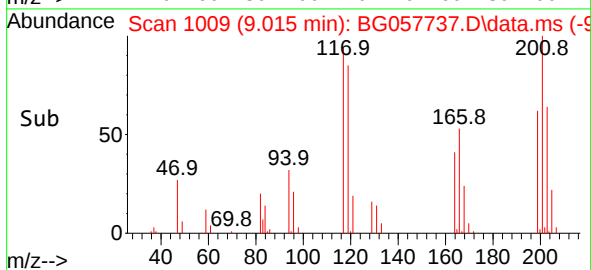
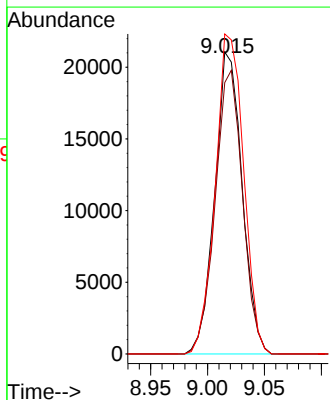
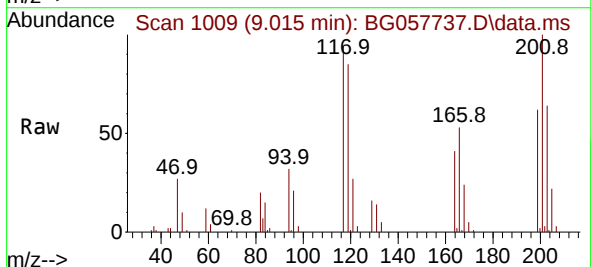
Manual Integrations
APPROVED

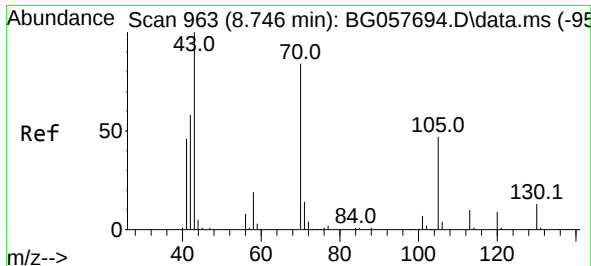
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 53.589 ng
RT: 9.015 min Scan# 1009
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:117 Resp: 35296
Ion Ratio Lower Upper
117 100
119 89.9 75.7 113.5
201 106.0 91.0 136.6





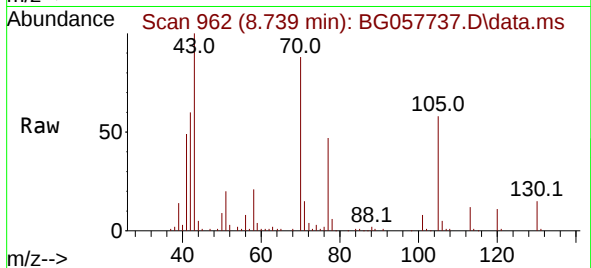
#19
n-Nitroso-di-n-propylamine
Concen: 44.605 ng
RT: 8.739 min Scan# 962
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

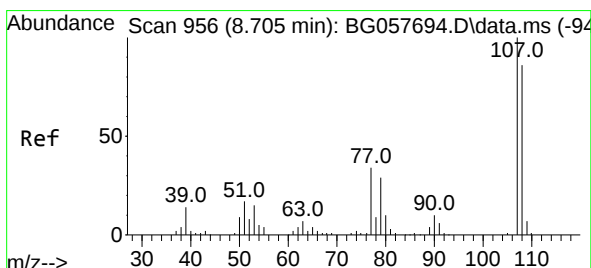
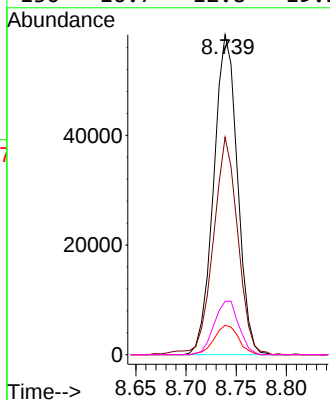
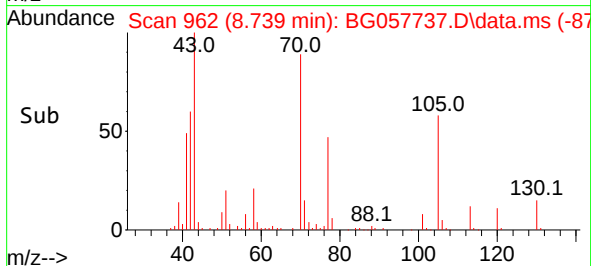


Tgt Ion: 70 Resp: 9603
Ion Ratio Lower Upper
70 100
42 68.0 56.6 84.8
101 9.2 6.2 9.4
130 16.7 12.8 19.2

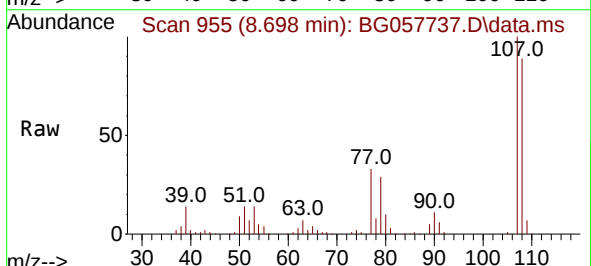
Manual Integrations

APPROVED

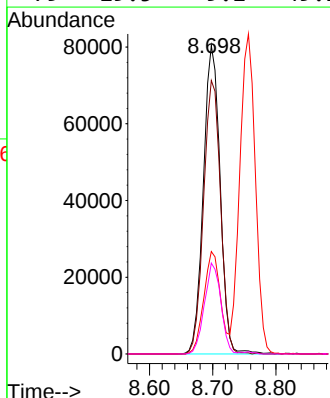
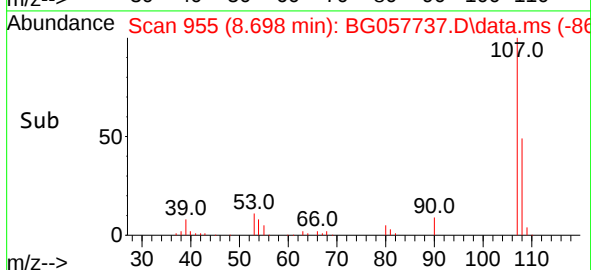
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

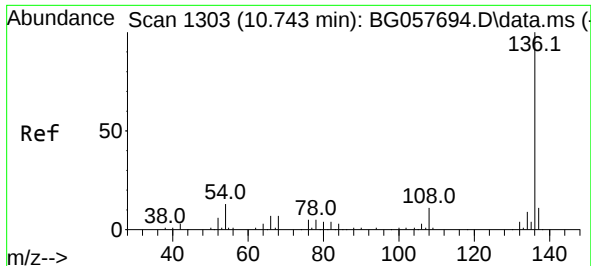


#20
3+4-Methylphenols
Concen: 50.650 ng
RT: 8.698 min Scan# 955
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:107 Resp: 148275
Ion Ratio Lower Upper
107 100
108 88.7 66.3 106.3
77 33.2 13.9 53.9
79 29.5 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

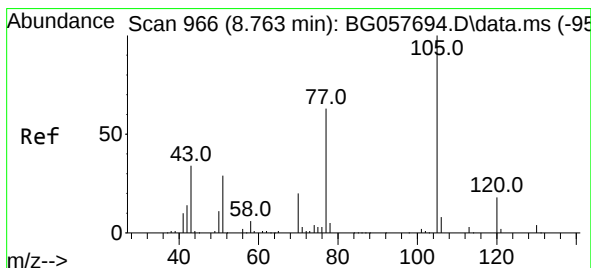
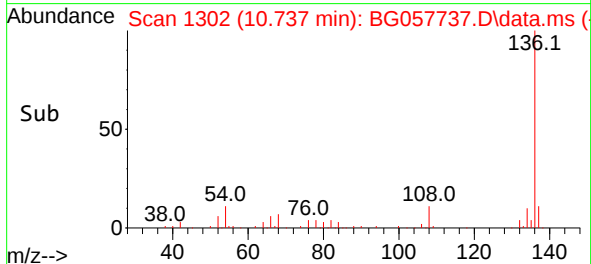
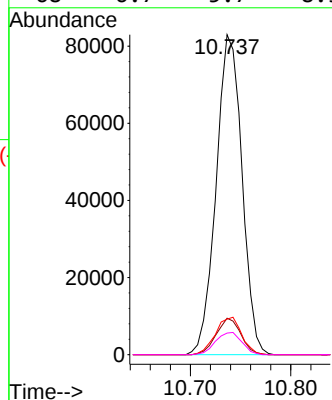
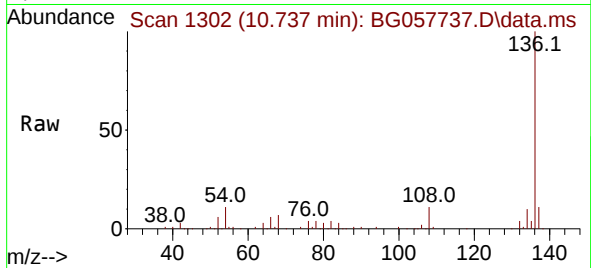
PB153486BS

Tgt Ion:136 Resp: 14832
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.1 10.8 16.2
68 6.7 5.7 8.5

Manual Integrations

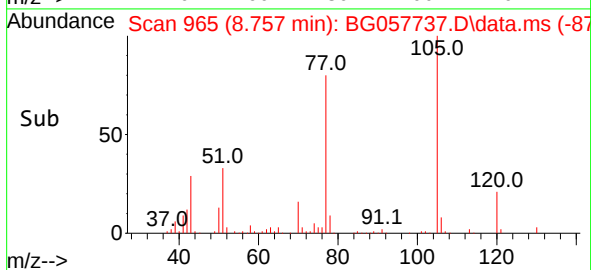
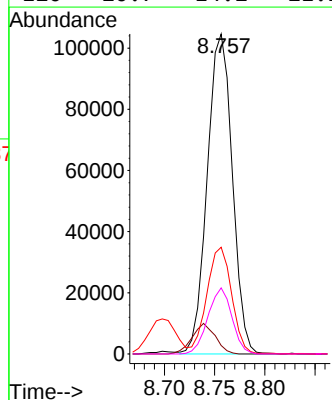
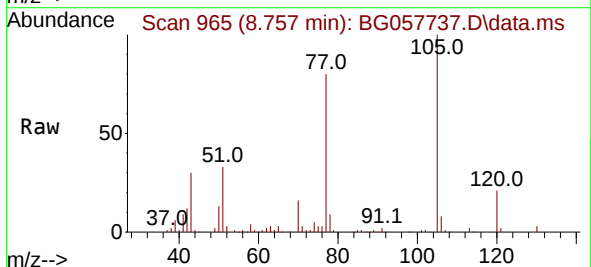
APPROVED

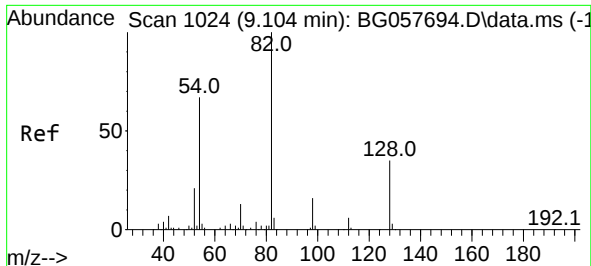
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 42.196 ng
RT: 8.757 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:105 Resp: 181818
Ion Ratio Lower Upper
105 100
71 2.7 2.6 3.8
51 33.4 28.3 42.5
120 20.7 14.2 21.2





#23
Nitrobenzene-d5
Concen: 100.863 ng
RT: 9.097 min Scan# 1023
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

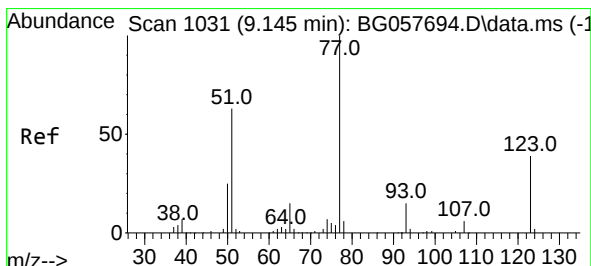
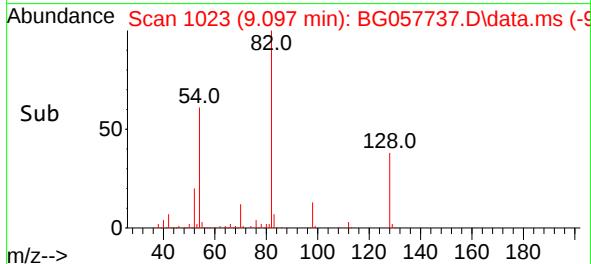
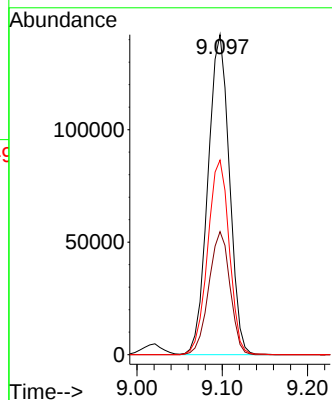
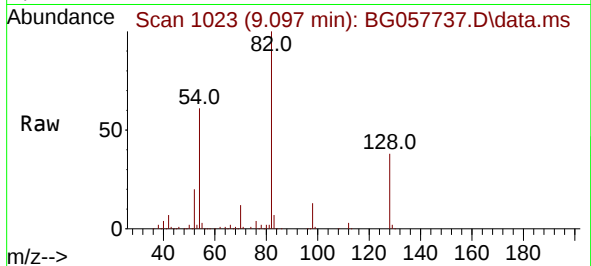
ClientSampleId :

PB153486BS

Tgt Ion: 82 Resp: 248780
Ion Ratio Lower Upper
82 100
128 38.4 27.7 41.5
54 60.8 53.8 80.8

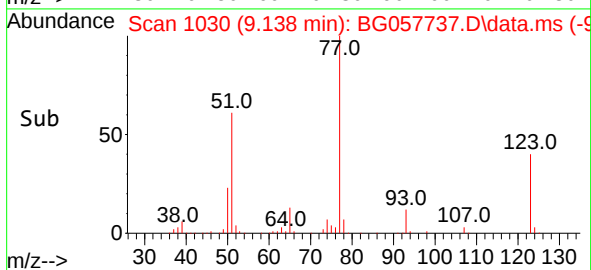
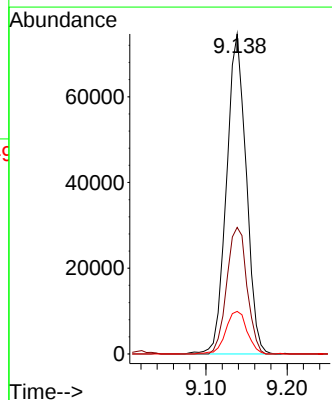
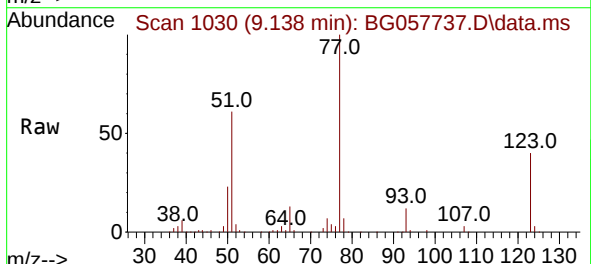
Manual Integrations
APPROVED

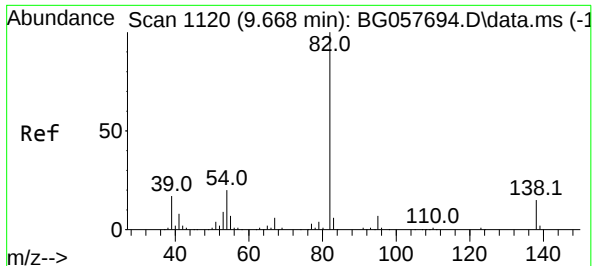
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#24
Nitrobenzene
Concen: 47.053 ng
RT: 9.138 min Scan# 1030
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion: 77 Resp: 125515
Ion Ratio Lower Upper
77 100
123 39.5 31.2 46.8
65 13.3 11.6 17.4





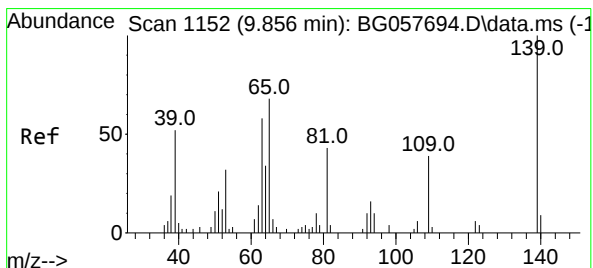
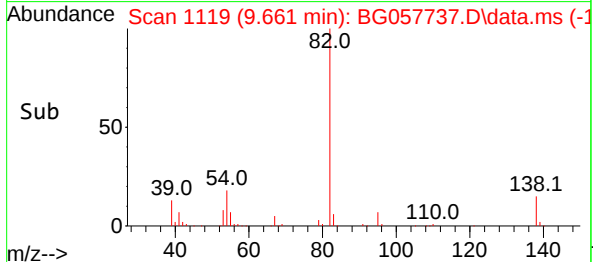
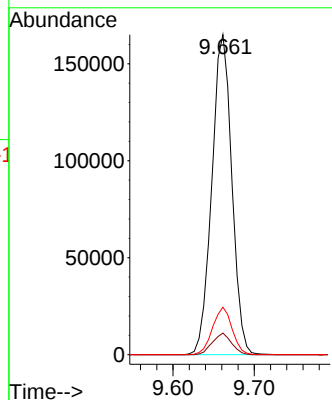
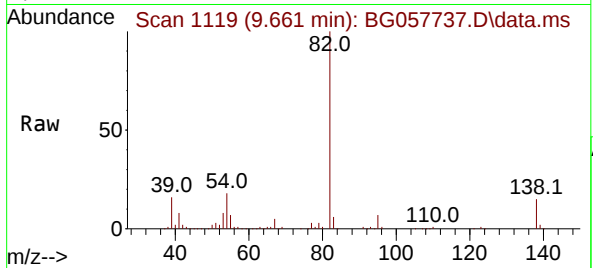
#25
Isophorone
Concen: 41.003 ng
RT: 9.661 min Scan# 1119
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :
BNA_G
ClientSampleId :
PB153486BS

Tgt Ion: 82 Resp: 28188
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 14.9 11.8 17.6

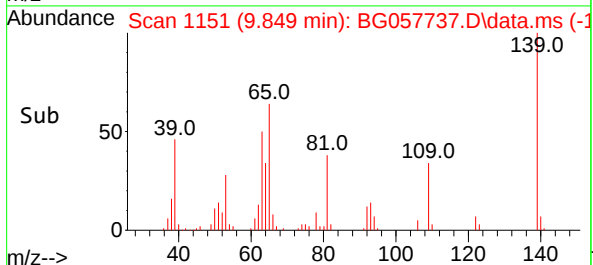
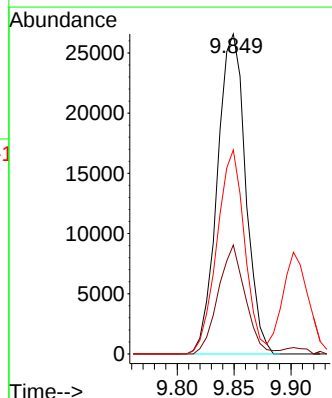
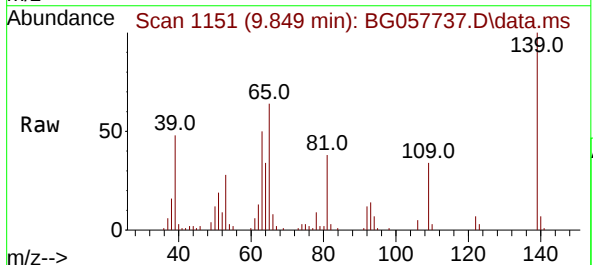
Manual Integrations
APPROVED

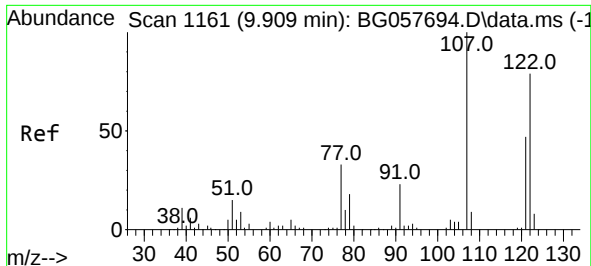
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#26
2-Nitrophenol
Concen: 60.956 ng
RT: 9.849 min Scan# 1151
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:139 Resp: 45988
Ion Ratio Lower Upper
139 100
109 34.0 30.9 46.3
65 63.8 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 50.498 ng

RT: 9.902 min Scan# 1160

Delta R.T. -0.008 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

Tgt Ion:122 Resp: 115924

Ion Ratio Lower Upper

122 100

107 119.8 100.6 150.8

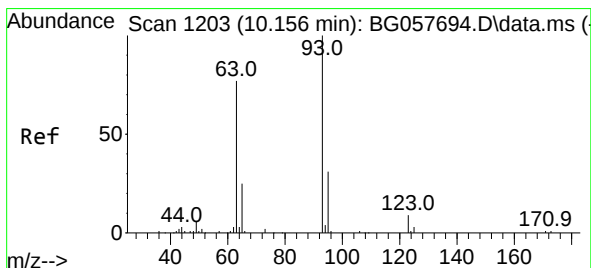
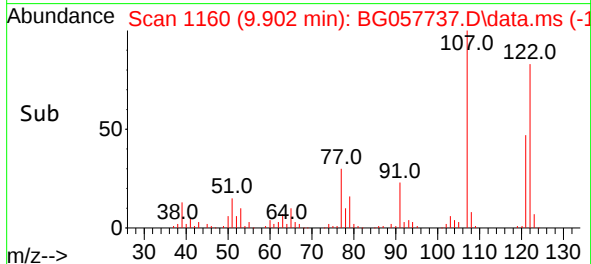
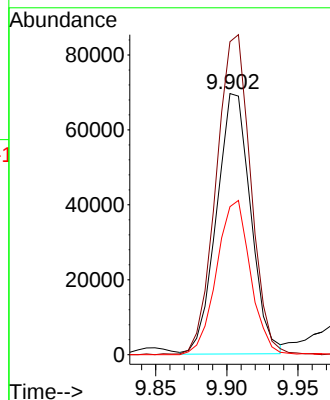
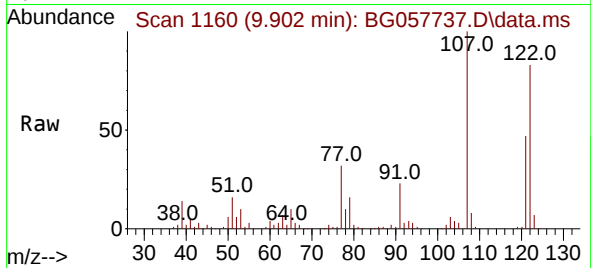
121 56.7 47.4 71.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.132 ng

RT: 10.143 min Scan# 1201

Delta R.T. -0.008 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

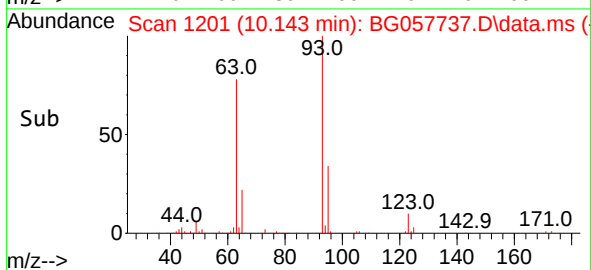
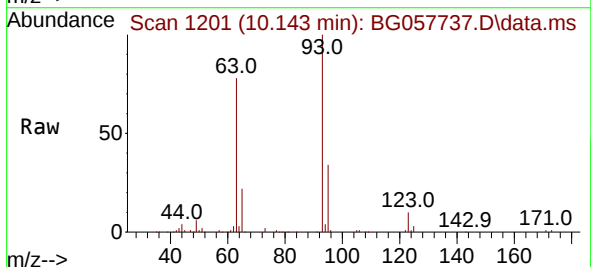
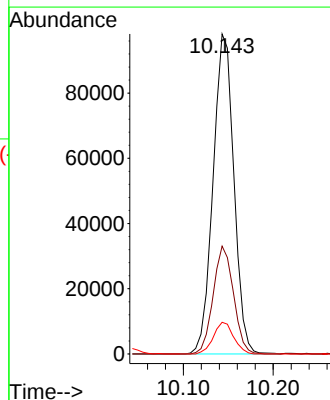
Tgt Ion: 93 Resp: 157720

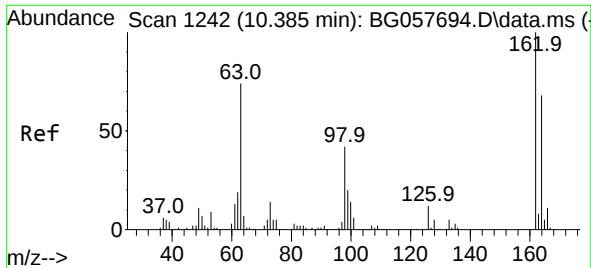
Ion Ratio Lower Upper

93 100

95 33.7 24.9 37.3

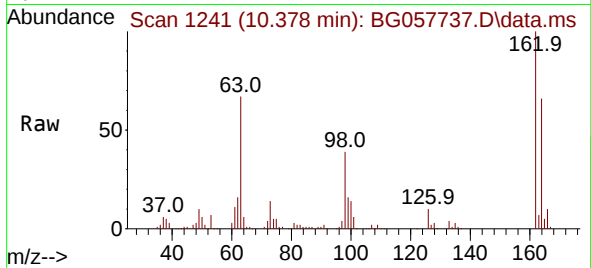
123 9.9 7.2 10.8





#29
2,4-Dichlorophenol
Concen: 57.301 ng
RT: 10.378 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

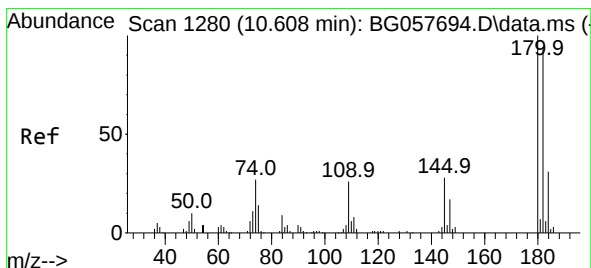
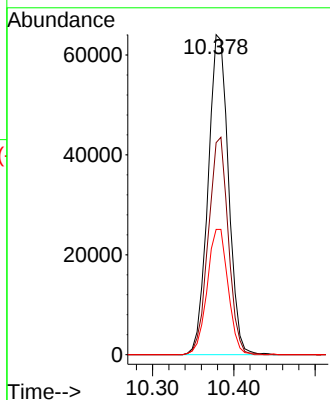
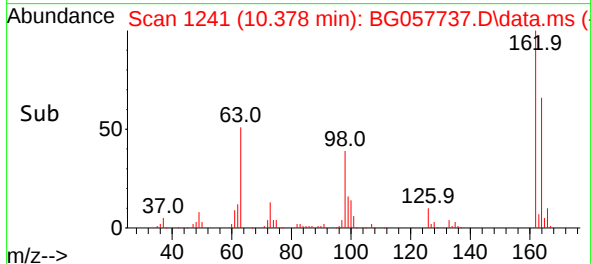
Instrument :
BNA_G
ClientSampleId :
PB153486BS



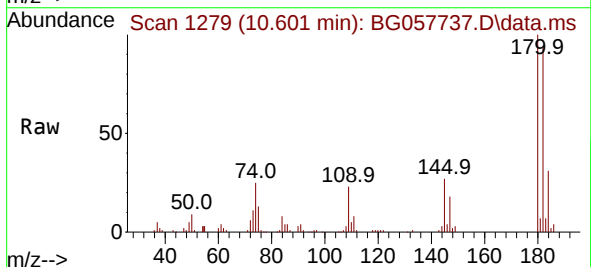
Tgt Ion:162 Resp: 11158
Ion Ratio Lower Upper
162 100
164 66.3 47.9 87.9
98 39.2 22.4 62.4

Manual Integrations
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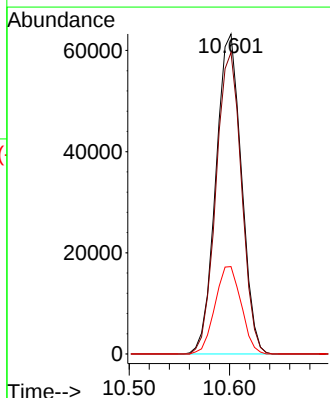
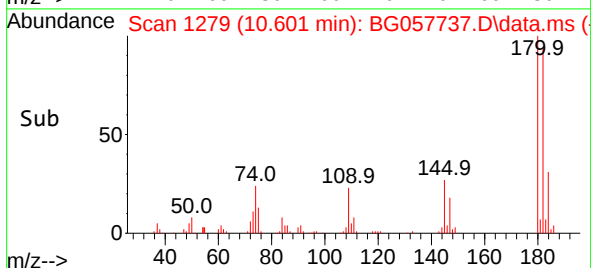
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

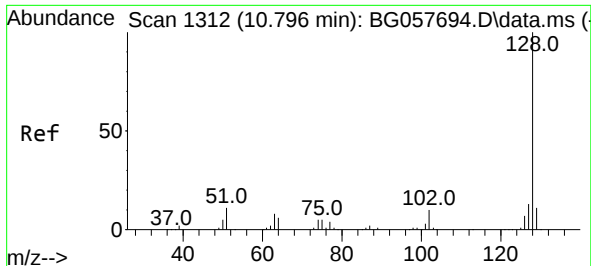


#30
1,2,4-Trichlorobenzene
Concen: 44.223 ng
RT: 10.601 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



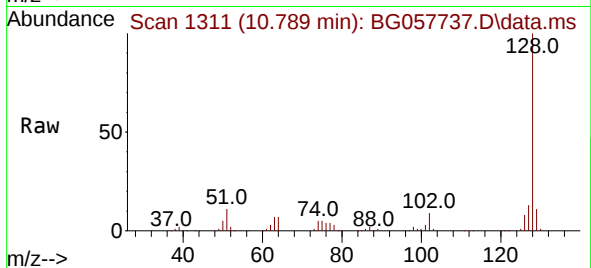
Tgt Ion:180 Resp: 111928
Ion Ratio Lower Upper
180 100
182 94.2 74.8 112.2
145 27.3 22.6 34.0





#31
Naphthalene
Concen: 42.576 ng
RT: 10.789 min Scan# 1180
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

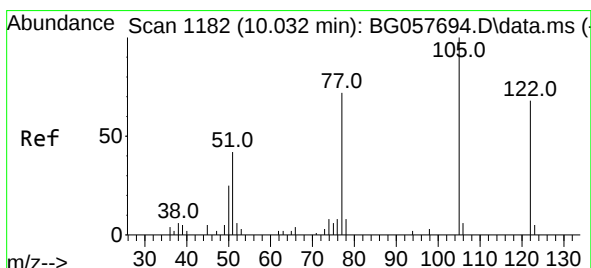
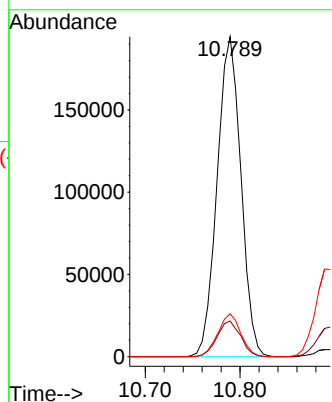
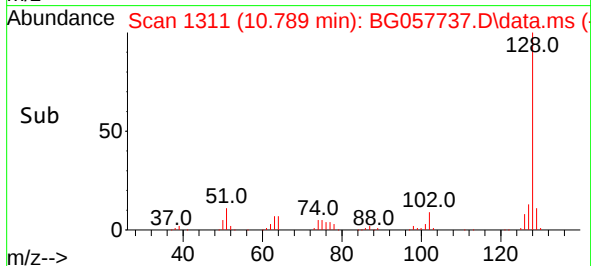
Instrument :
BNA_G
ClientSampleId :
PB153486BS



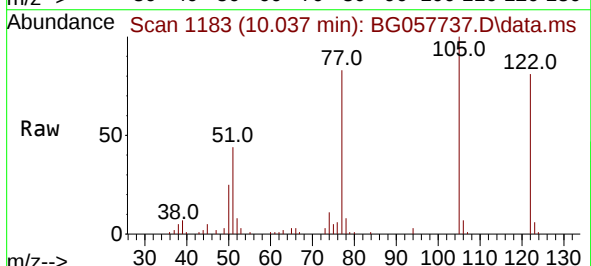
Tgt Ion:128 Resp: 33939
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.0 15.0

Manual Integrations
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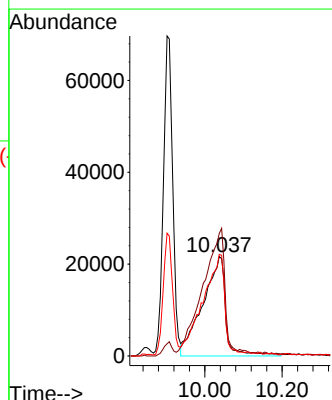
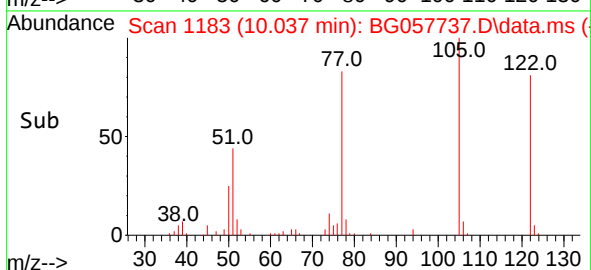
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

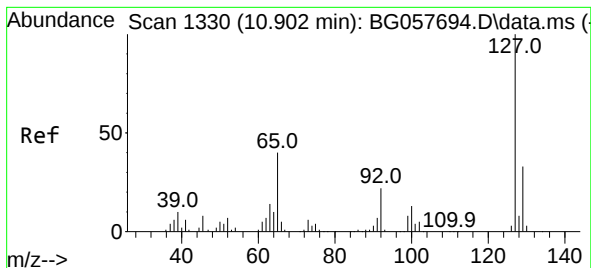


#32
Benzoic acid
Concen: 99.689 ng m
RT: 10.037 min Scan# 1183
Delta R.T. 0.004 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:122 Resp: 89429
Ion Ratio Lower Upper
122 100
105 123.2 113.8 153.8
77 102.3 81.0 121.0





#33
4-Chloroaniline
Concen: 26.070 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

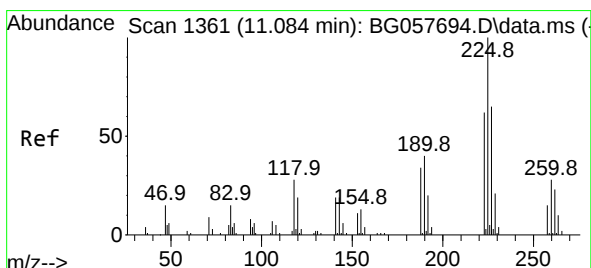
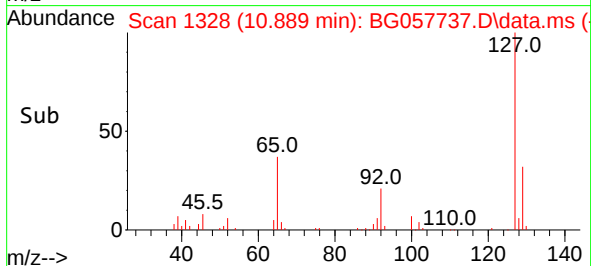
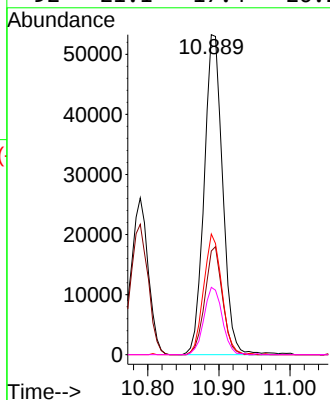
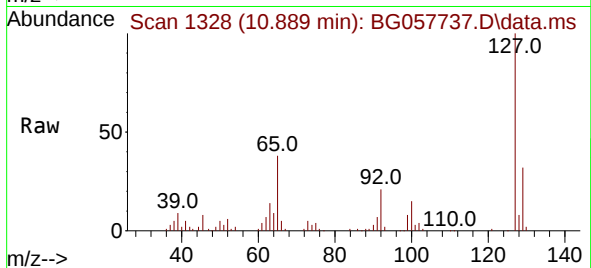
PB153486BS

Tgt Ion:127 Resp: 96750
Ion Ratio Lower Upper
127 100
129 32.4 26.6 39.8
65 37.7 31.7 47.5
92 21.1 17.4 26.2

Manual Integrations

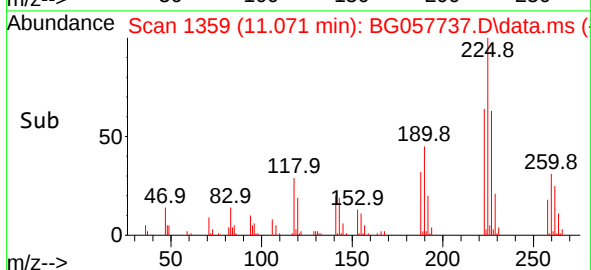
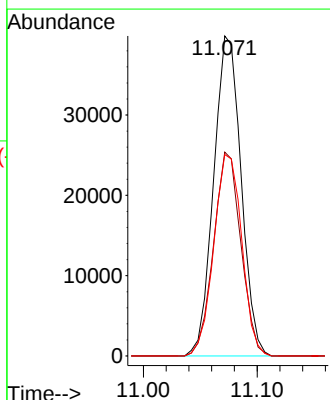
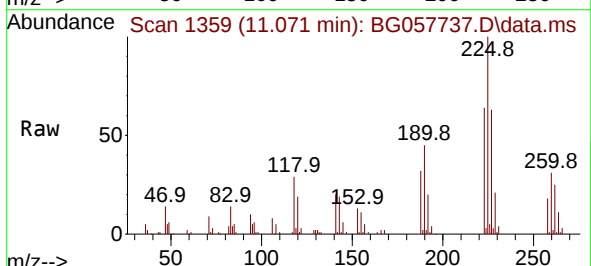
APPROVED

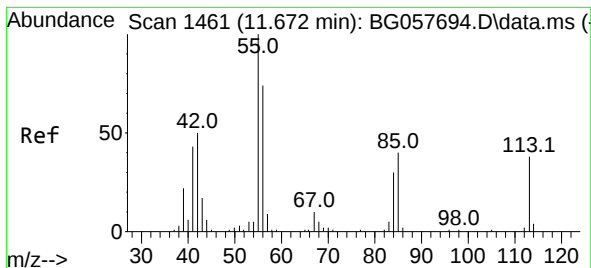
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 42.001 ng
RT: 11.071 min Scan# 1359
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:225 Resp: 66850
Ion Ratio Lower Upper
225 100
223 63.7 52.0 78.0
227 63.0 51.8 77.8





#35
Caprolactam
Concen: 55.027 ng m
RT: 11.671 min Scan# 1461
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

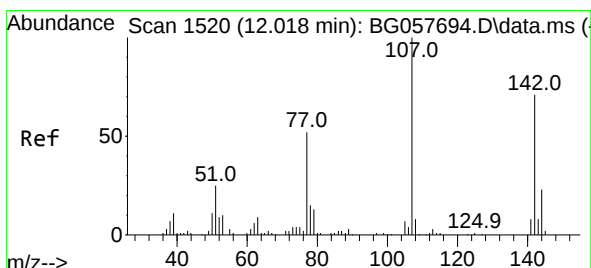
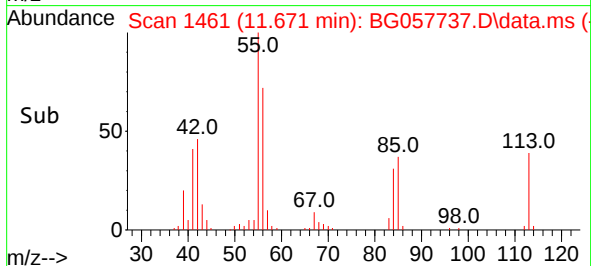
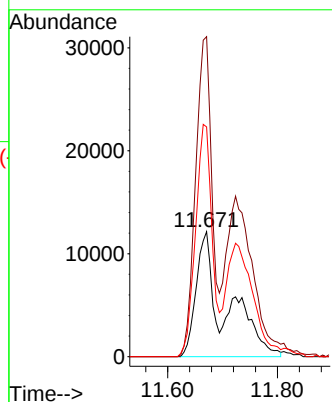
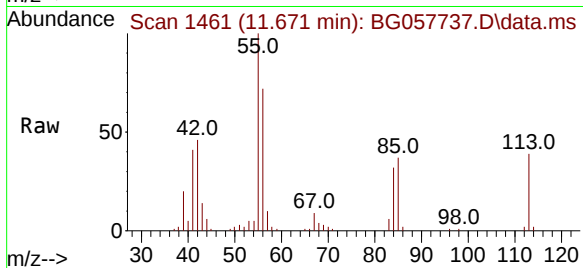
PB153486BS

Tgt Ion:113 Resp: 44204
Ion Ratio Lower Upper
113 100
55 256.1 239.9 279.9
56 183.9 171.9 211.9

Manual Integrations

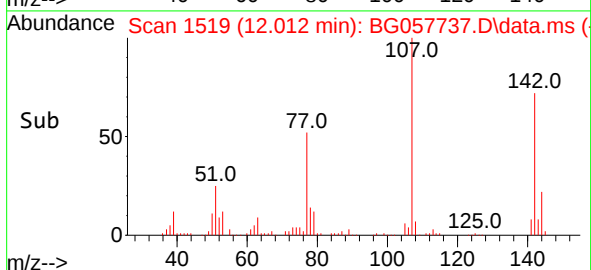
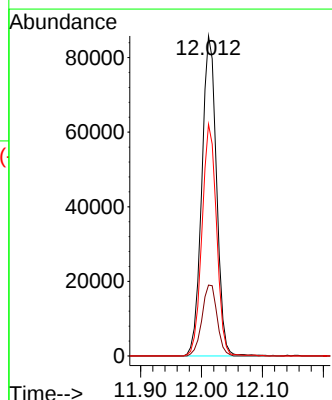
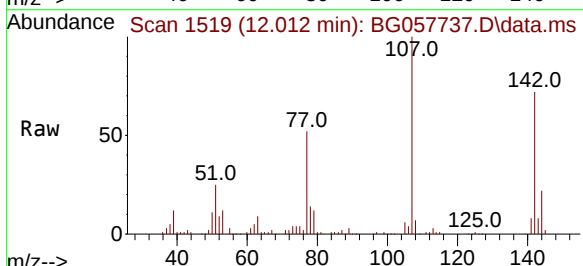
APPROVED

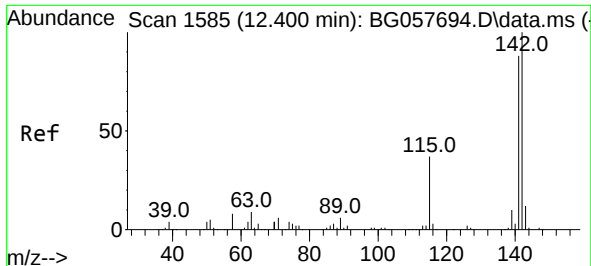
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#36
4-Chloro-3-methylphenol
Concen: 52.180 ng
RT: 12.012 min Scan# 1519
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:107 Resp: 143953
Ion Ratio Lower Upper
107 100
144 22.2 18.7 28.1
142 72.4 56.7 85.1





#37
2-Methylnaphthalene
Concen: 41.455 ng
RT: 12.393 min Scan# 1584
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

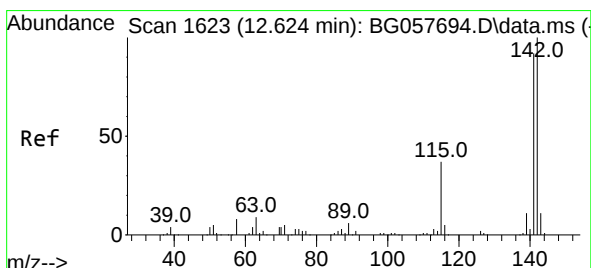
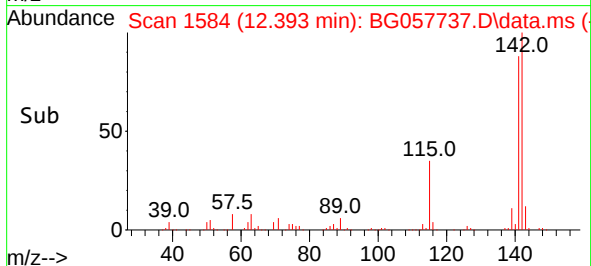
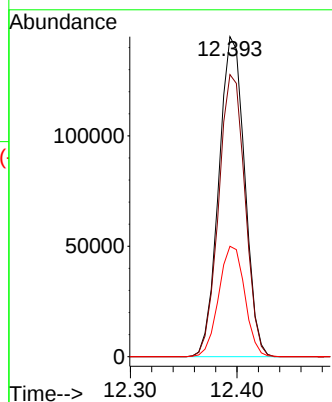
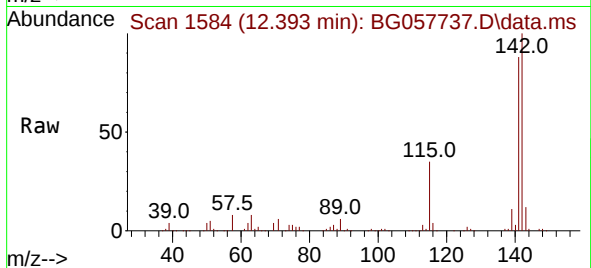
PB153486BS

Tgt Ion:142 Resp: 244478
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8
115 34.5 29.4 44.0

Manual Integrations

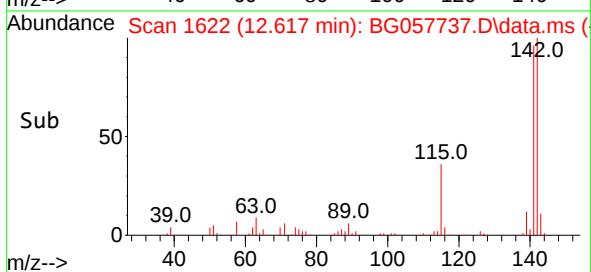
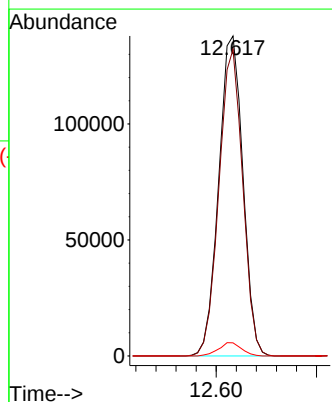
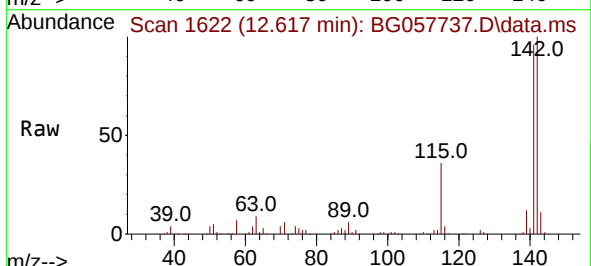
APPROVED

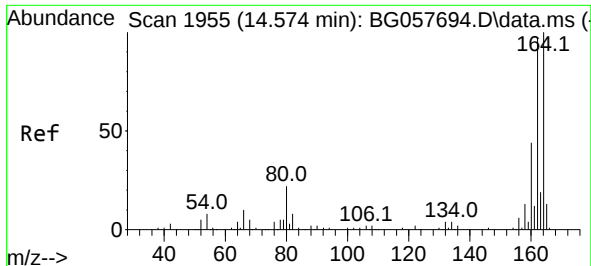
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#38
1-Methylnaphthalene
Concen: 41.636 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:142 Resp: 230354
Ion Ratio Lower Upper
142 100
141 95.8 73.4 110.0
116 4.1 3.6 5.4





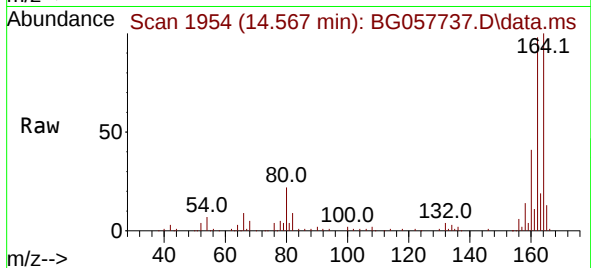
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.567 min Scan# 1954
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

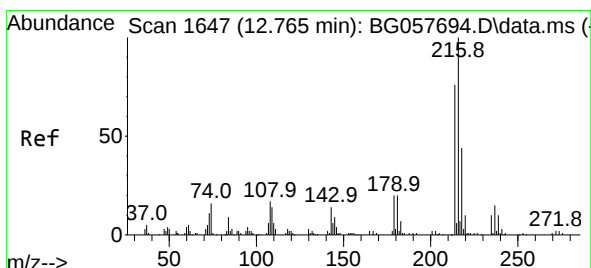
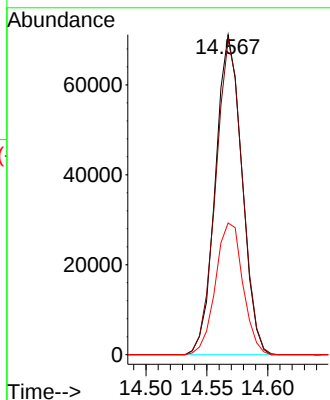
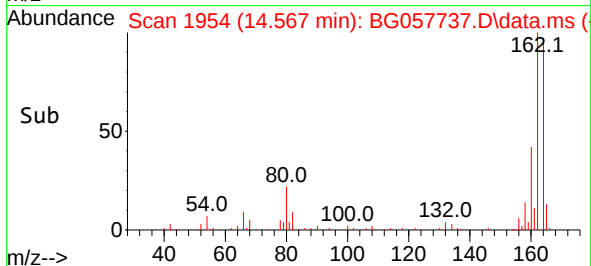


Tgt Ion:164 Resp: 10744
Ion Ratio Lower Upper
164 100
162 98.4 77.7 116.5
160 41.2 35.1 52.7

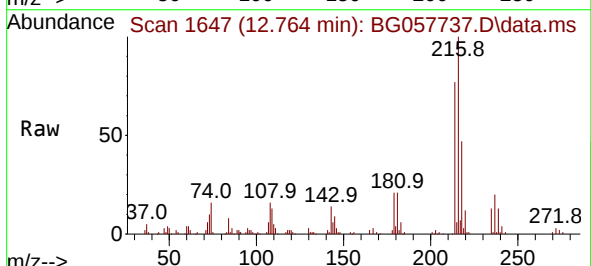
Manual Integrations

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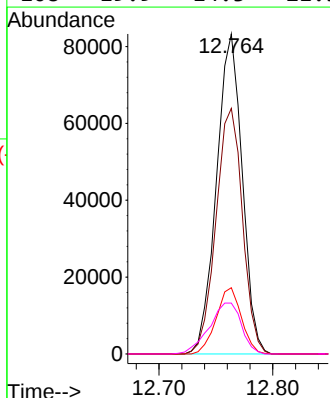
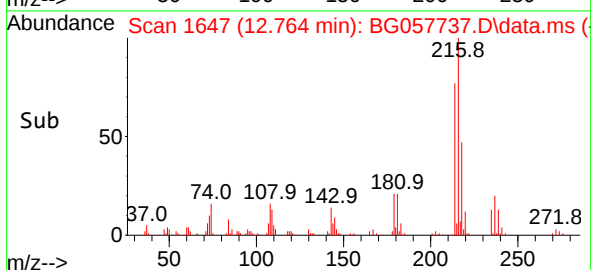
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

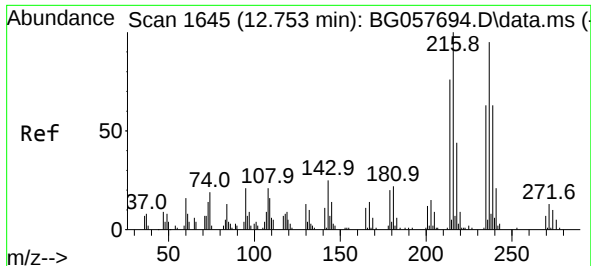


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.045 ng
RT: 12.764 min Scan# 1647
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:216 Resp: 130916
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 20.3 16.7 25.1
108 19.9 14.3 21.5





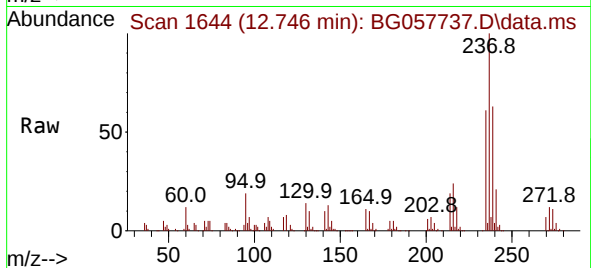
#41
Hexachlorocyclopentadiene
Concen: 149.307 ng
RT: 12.746 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

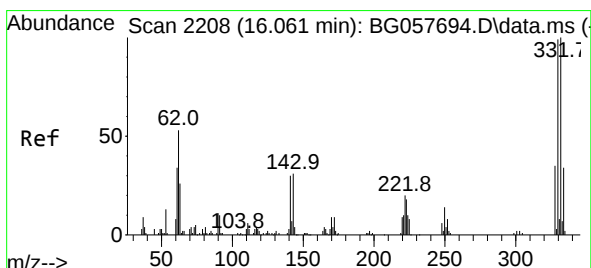
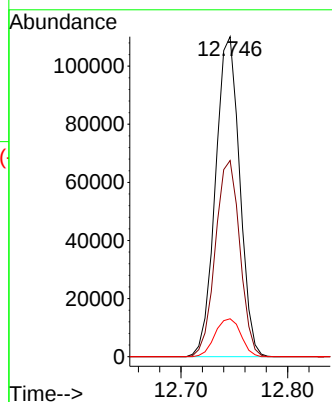
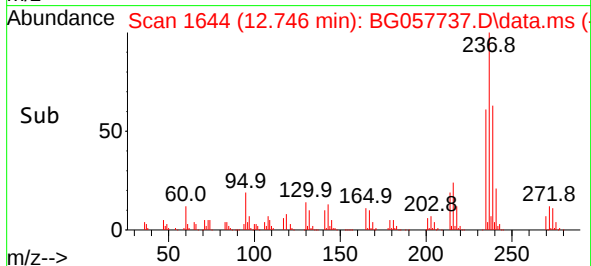


Tgt Ion:237 Resp: 173200
Ion Ratio Lower Upper
237 100
235 61.3 46.7 86.7
272 11.9 0.0 33.8

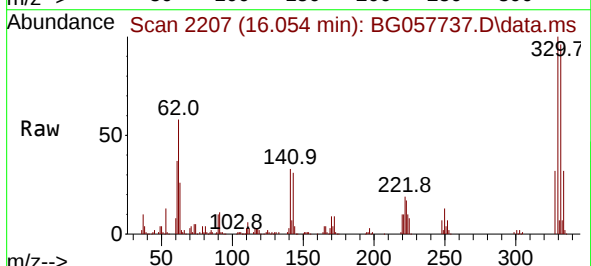
Manual Integrations

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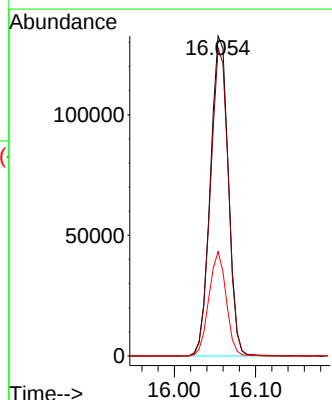
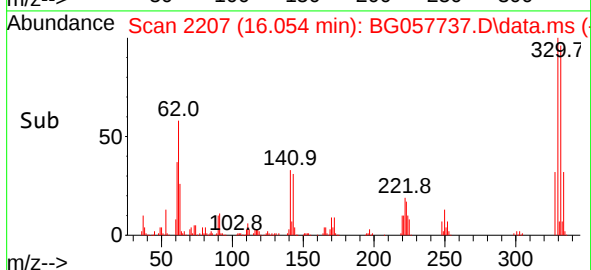
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

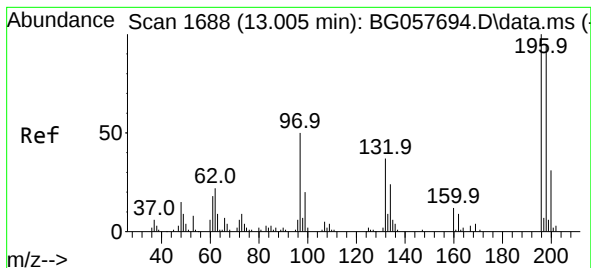


#42
2,4,6-Tribromophenol
Concen: 169.557 ng
RT: 16.054 min Scan# 2207
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:330 Resp: 203243
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.6
141 31.3 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 51.258 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

Tgt Ion:196 Resp: 101374

Ion Ratio Lower Upper

196 100

198 95.1 75.8 113.6

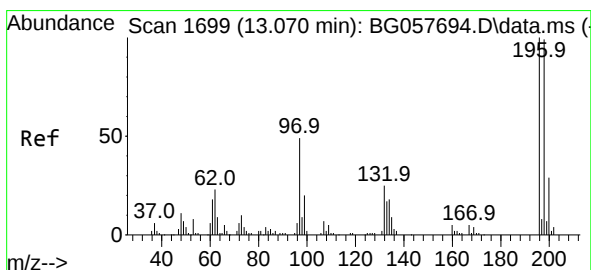
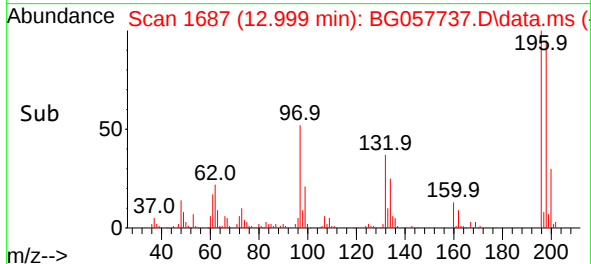
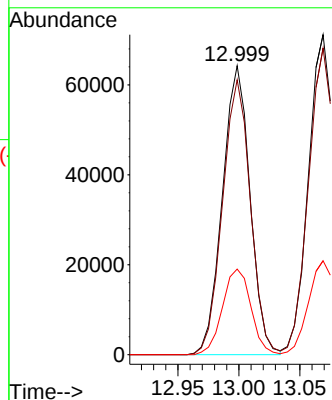
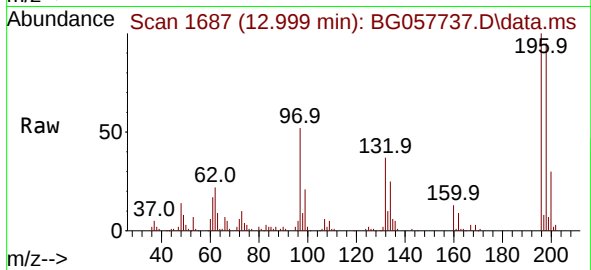
200 29.6 24.6 37.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#44

2,4,5-Trichlorophenol

Concen: 47.951 ng

RT: 13.069 min Scan# 1699

Delta R.T. -0.002 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Tgt Ion:196 Resp: 111608

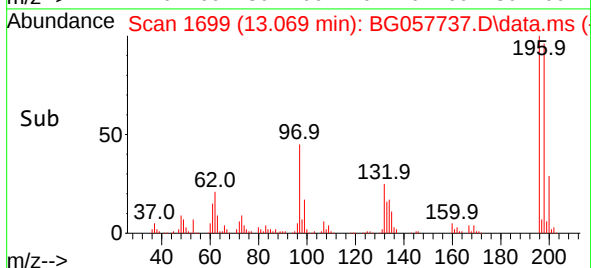
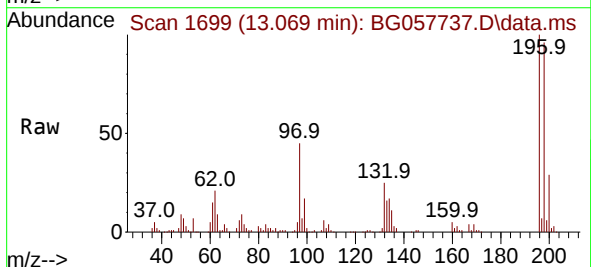
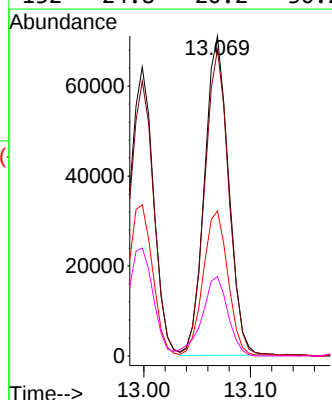
Ion Ratio Lower Upper

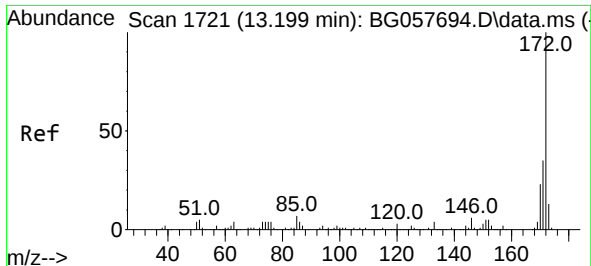
196 100

198 95.8 79.2 118.8

97 45.3 39.9 59.9

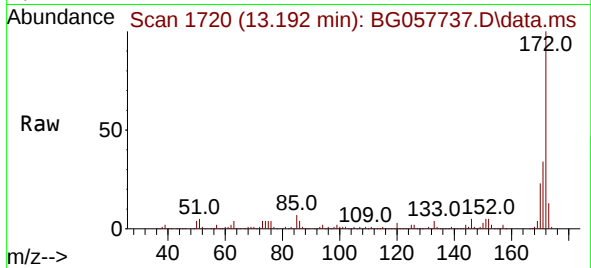
132 24.8 20.2 30.2





#45
2-Fluorobiphenyl
Concen: 87.264 ng
RT: 13.192 min Scan# 1720
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

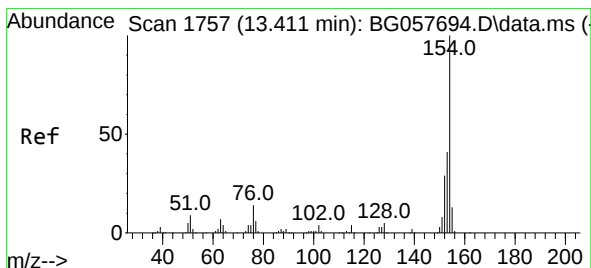
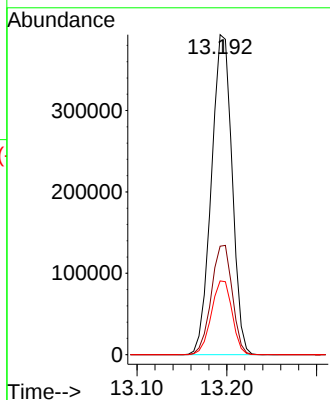
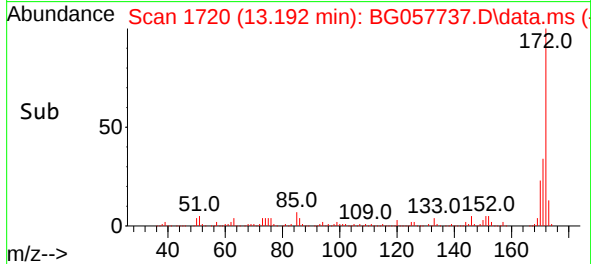
Instrument :
BNA_G
ClientSampleId :
PB153486BS



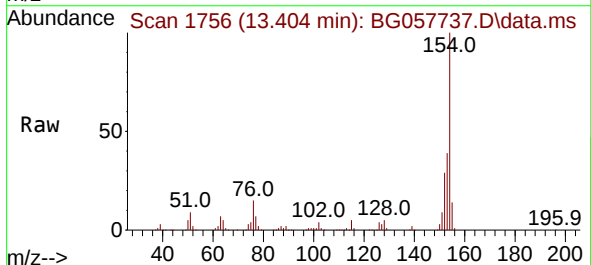
Tgt Ion:172 Resp: 62898
Ion Ratio Lower Upper
172 100
171 33.9 27.9 41.9
170 23.1 18.2 27.4

Manual Integrations
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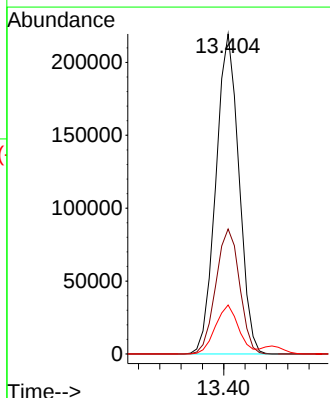
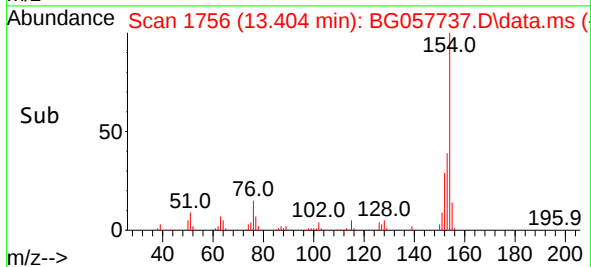
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

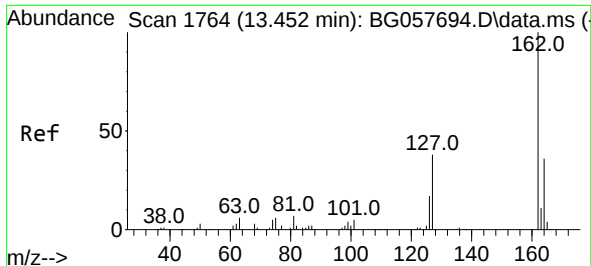


#46
1,1'-Biphenyl
Concen: 44.313 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:154 Resp: 328947
Ion Ratio Lower Upper
154 100
153 39.0 21.0 61.0
76 15.3 0.0 33.9





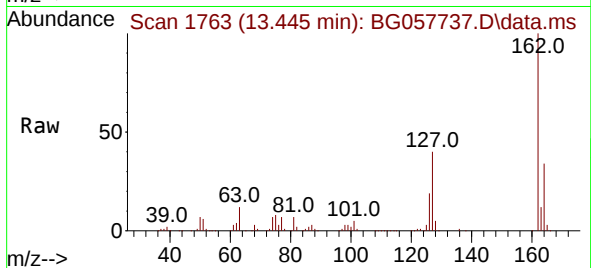
#47
2-Chloronaphthalene
Concen: 45.622 ng
RT: 13.445 min Scan# 1763
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

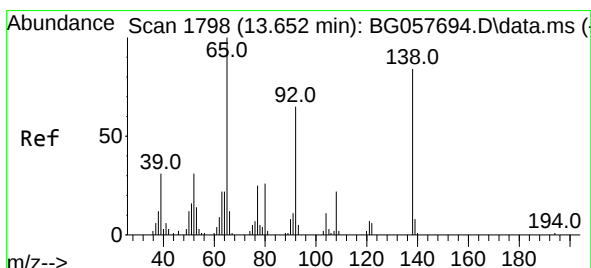
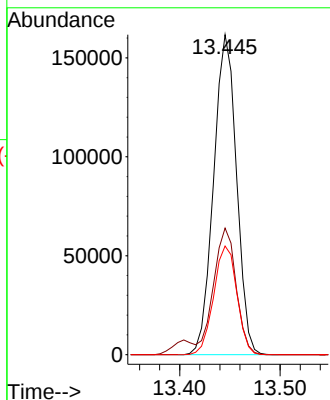
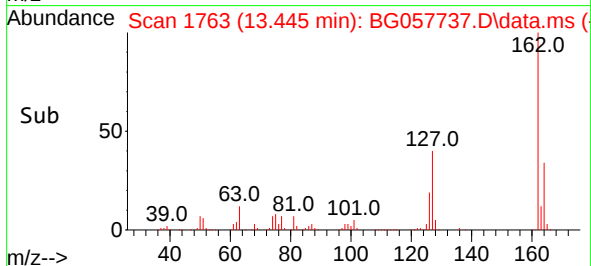


Tgt Ion:162 Resp: 255970
Ion Ratio Lower Upper
162 100
127 39.6 32.6 49.0
164 34.0 29.0 43.4

Manual Integrations

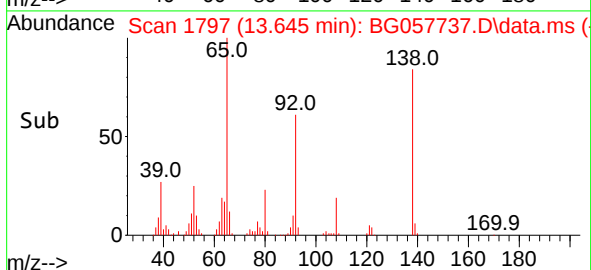
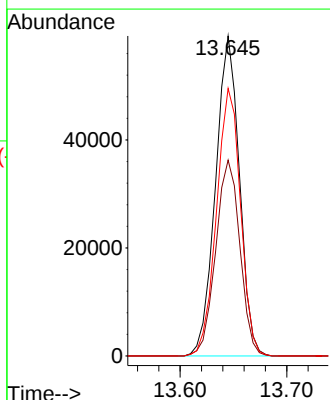
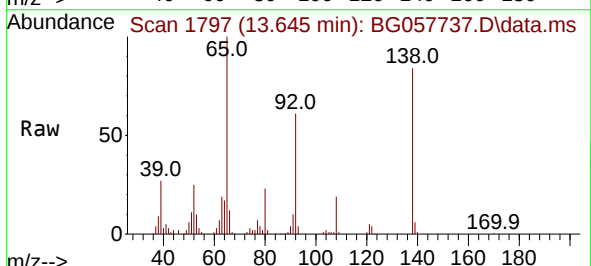
APPROVED

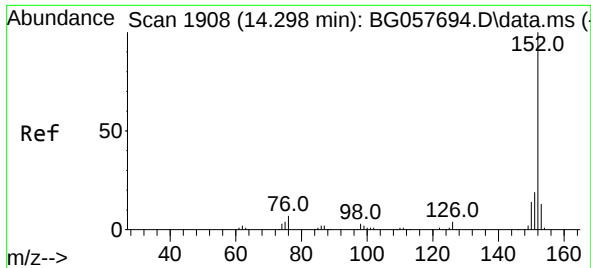
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#48
2-Nitroaniline
Concen: 56.743 ng
RT: 13.645 min Scan# 1797
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

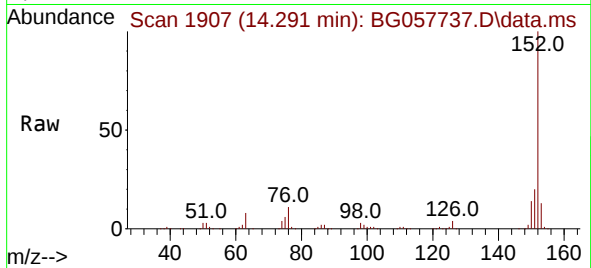
Tgt Ion: 65 Resp: 91980
Ion Ratio Lower Upper
65 100
92 61.2 52.2 78.4
138 83.6 67.0 100.4





#49
Acenaphthylene
Concen: 44.200 ng
RT: 14.291 min Scan# 1907
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

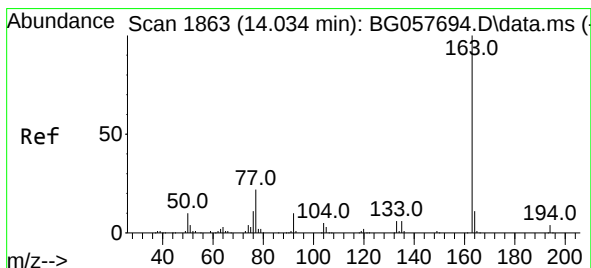
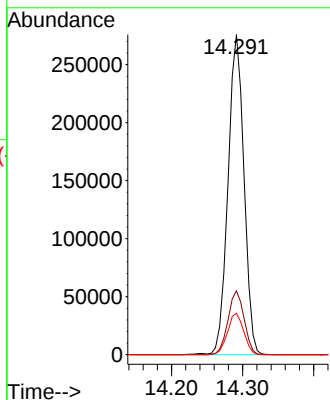
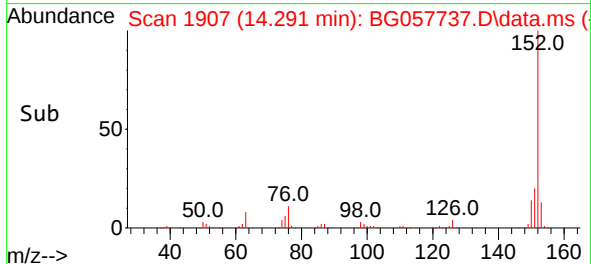
Instrument :
BNA_G
ClientSampleId :
PB153486BS



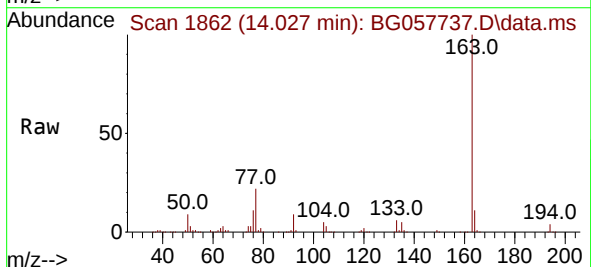
Tgt Ion:152 Resp: 430070
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.0
153 12.9 10.5 15.7

Manual Integrations
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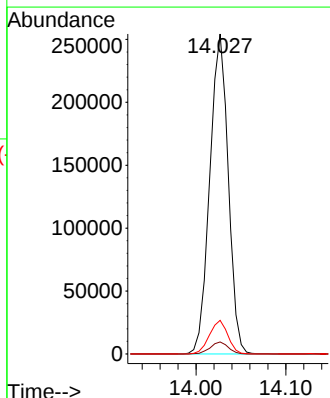
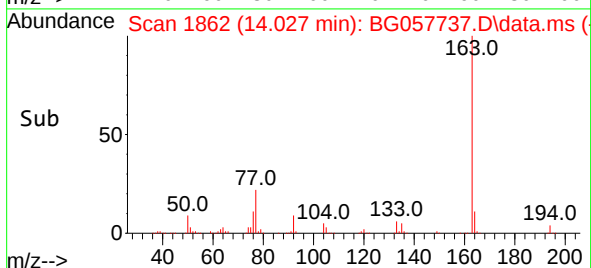
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

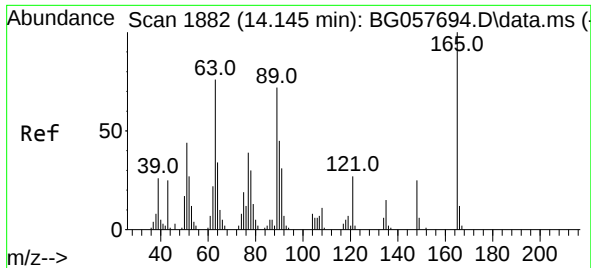


#50
Dimethylphthalate
Concen: 46.012 ng
RT: 14.027 min Scan# 1862
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:163 Resp: 362470
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 57.818 ng
RT: 14.138 min Scan# 1882
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

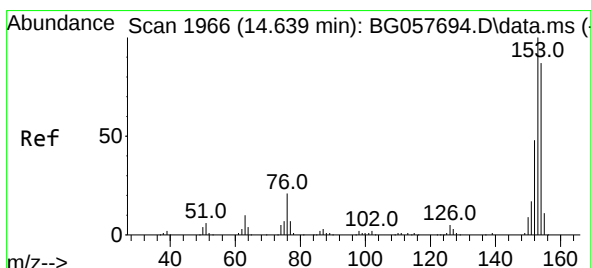
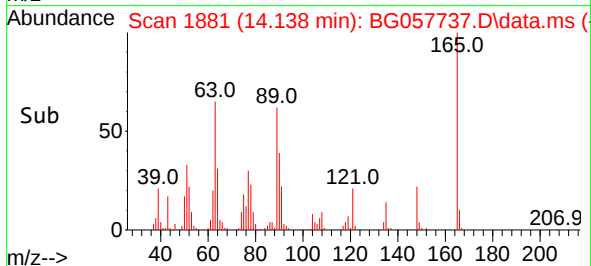
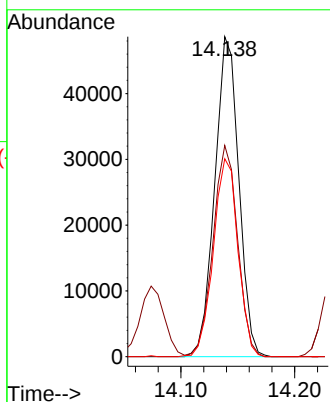
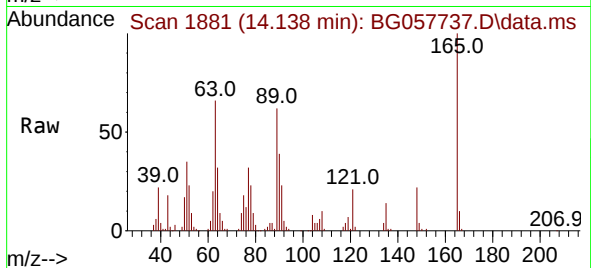
ClientSampleId :

PB153486BS

Tgt Ion:165 Resp: 71424
Ion Ratio Lower Upper
165 100
63 66.0 62.3 93.5
89 61.9 57.4 86.0

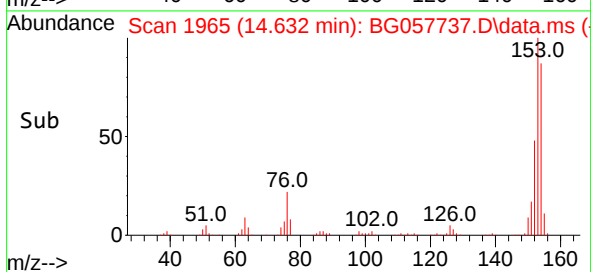
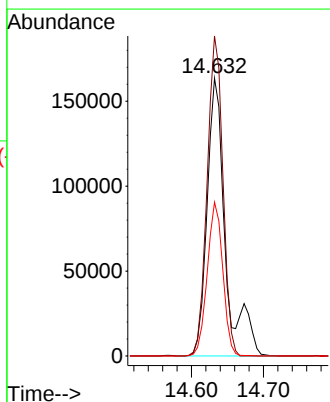
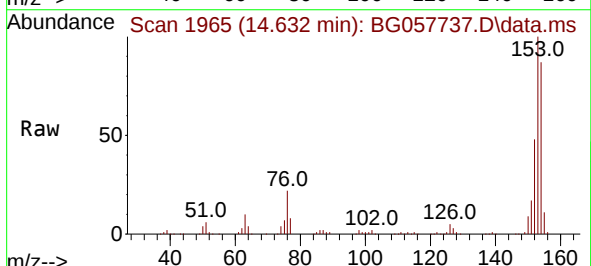
Manual Integrations
APPROVED

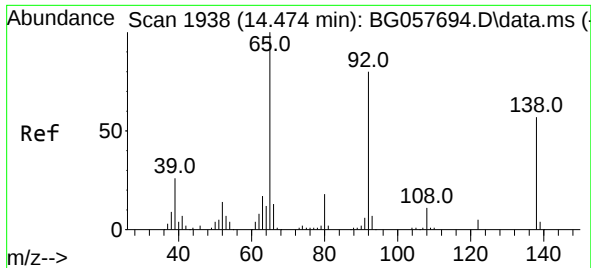
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 49.634 ng m
RT: 14.632 min Scan# 1965
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:154 Resp: 289488
Ion Ratio Lower Upper
154 100
153 115.2 91.4 137.2
152 55.4 43.5 65.3





#53
3-Nitroaniline
Concen: 43.149 ng
RT: 14.473 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

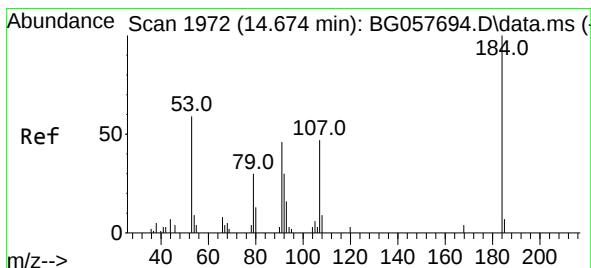
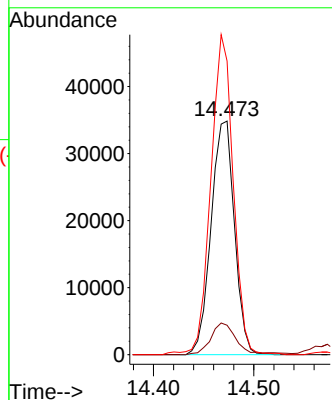
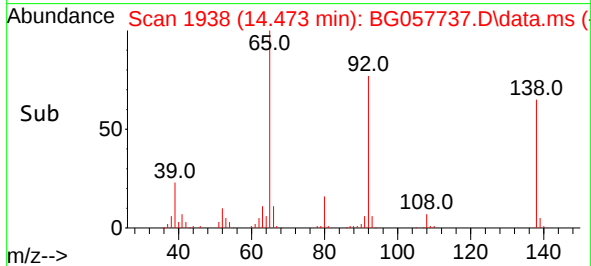
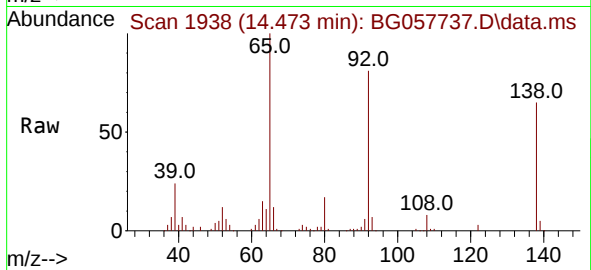
ClientSampleId :

PB153486BS

Tgt Ion:138 Resp: 56480
Ion Ratio Lower Upper
138 100
108 12.6 15.8 23.8
92 125.7 112.2 168.2

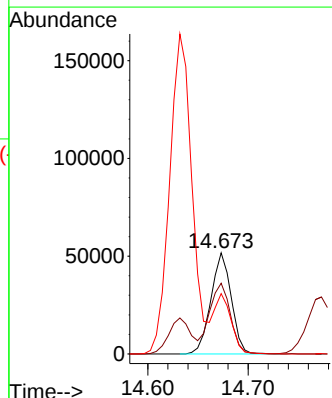
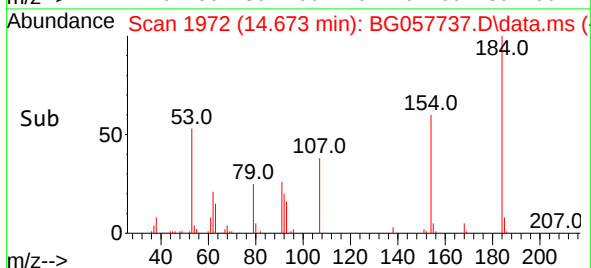
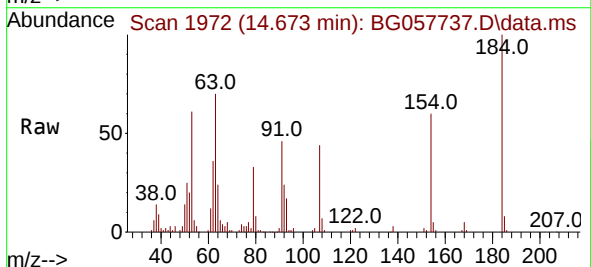
Manual Integrations
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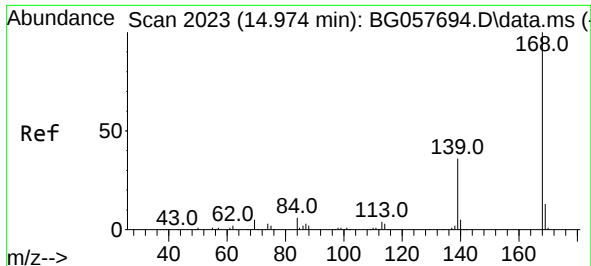
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 117.864 ng
RT: 14.673 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:184 Resp: 72728
Ion Ratio Lower Upper
184 100
63 69.9 59.0 88.6
154 59.6 47.5 71.3





#55
Dibenzofuran
Concen: 42.902 ng
RT: 14.967 min Scan# 2023
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

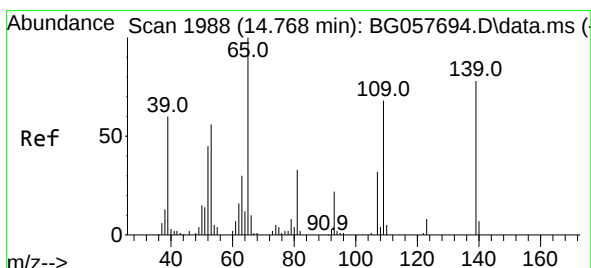
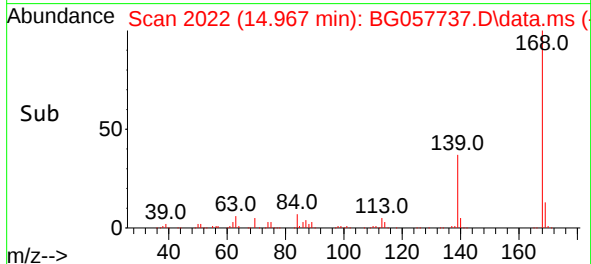
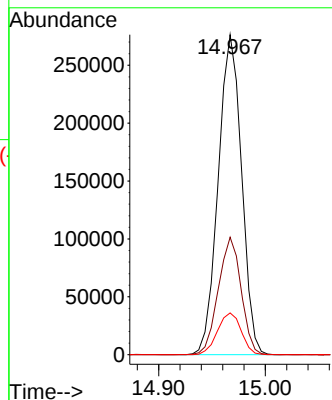
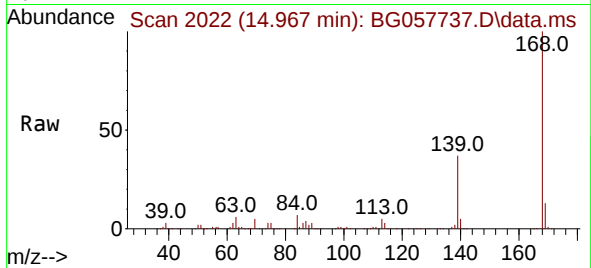
PB153486BS

Tgt Ion:168 Resp: 420015
Ion Ratio Lower Upper
168 100
139 36.7 28.7 43.1
169 13.1 10.4 15.6

Manual Integrations

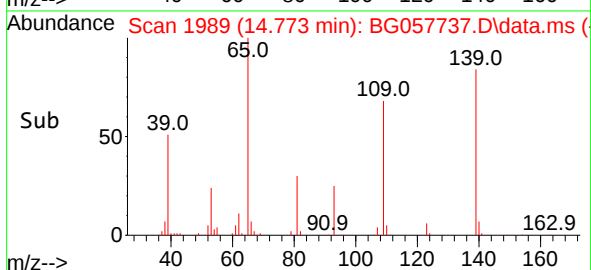
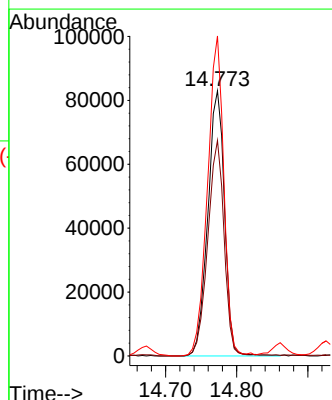
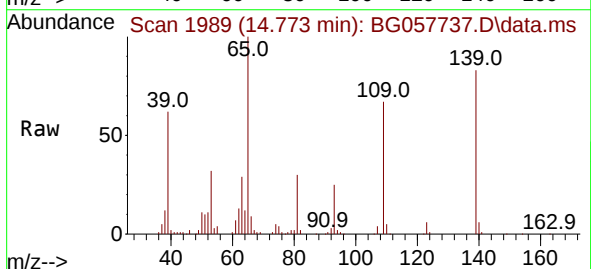
APPROVED

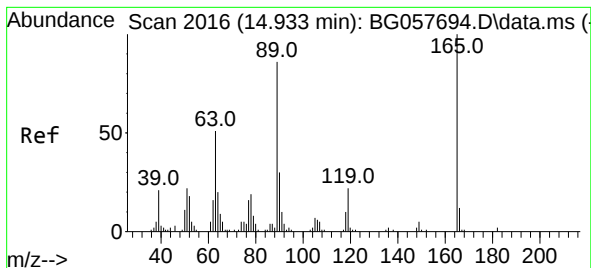
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 101.418 ng
RT: 14.773 min Scan# 1989
Delta R.T. 0.004 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:139 Resp: 135601
Ion Ratio Lower Upper
139 100
109 81.3 67.3 107.3
65 120.7 108.3 148.3





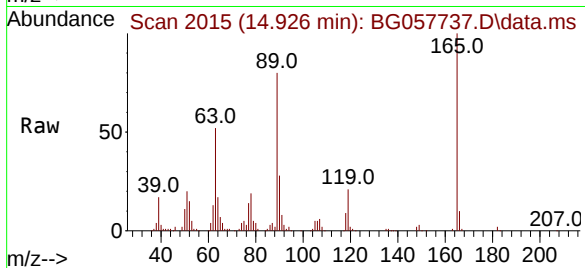
#57
2,4-Dinitrotoluene
Concen: 61.516 ng
RT: 14.926 min Scan# 2015
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

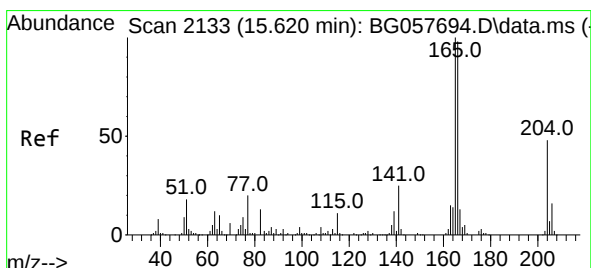
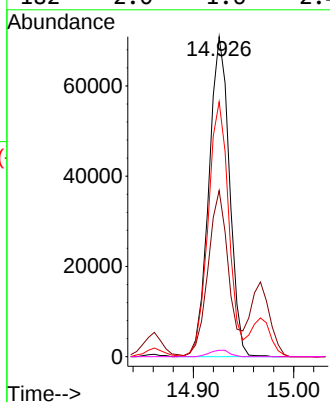
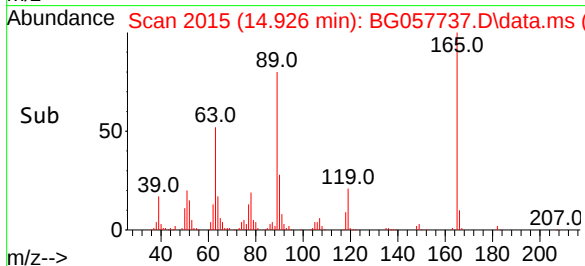


Tgt Ion:165 Resp: 101079
Ion Ratio Lower Upper
165 100
63 51.9 40.8 61.2
89 79.7 68.5 102.7
182 2.0 1.6 2.4

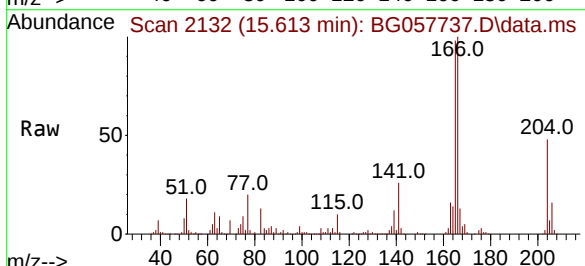
Manual Integrations

APPROVED

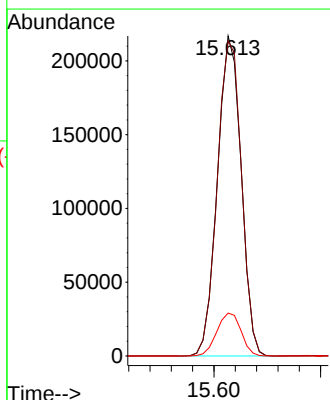
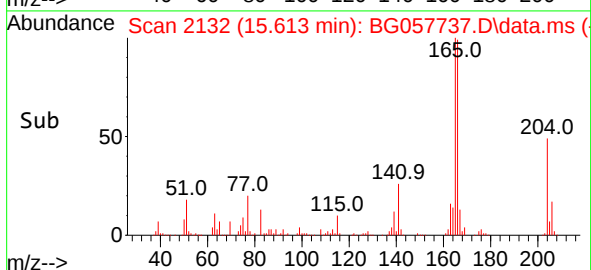
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

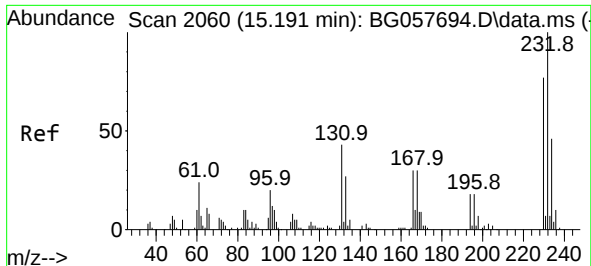


#58
Fluorene
Concen: 42.968 ng
RT: 15.613 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:166 Resp: 335101
Ion Ratio Lower Upper
166 100
165 98.4 81.6 122.4
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.087 ng
RT: 15.190 min Scan# 2060
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

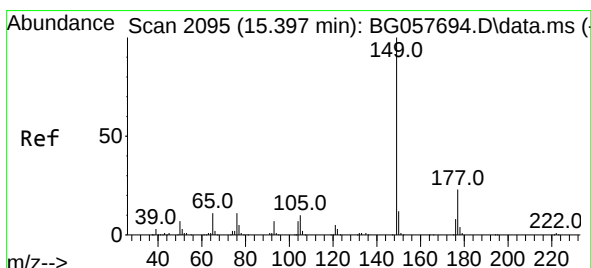
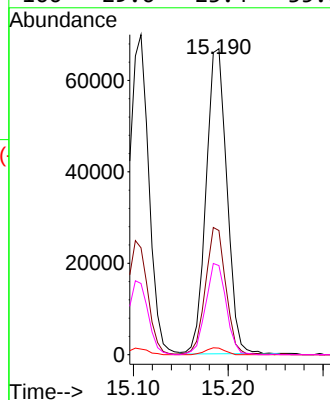
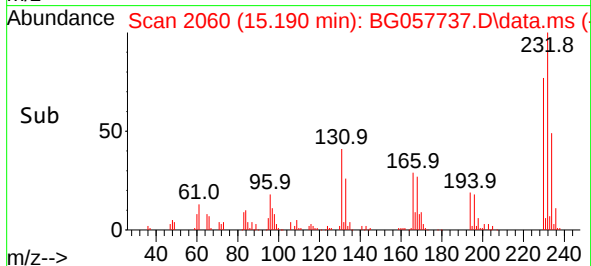
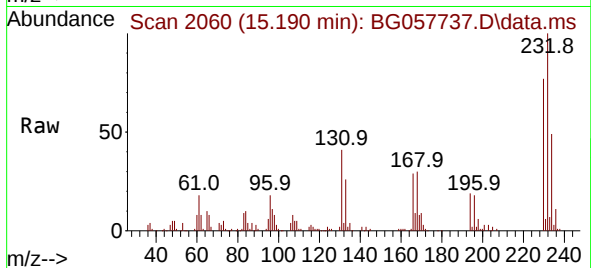
PB153486BS

Tgt Ion:232 Resp: 10158
Ion Ratio Lower Upper
232 100
131 40.8 32.6 49.0
130 2.1 1.6 2.4
166 29.6 23.4 35.0

Manual Integrations

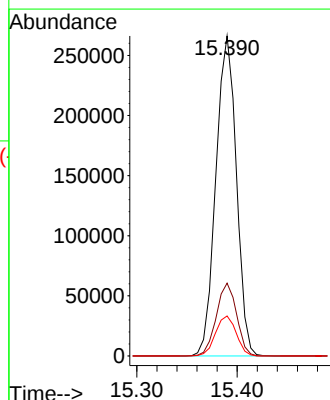
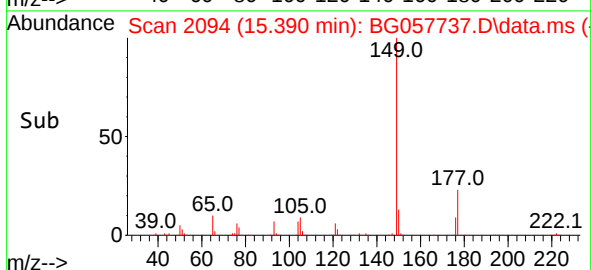
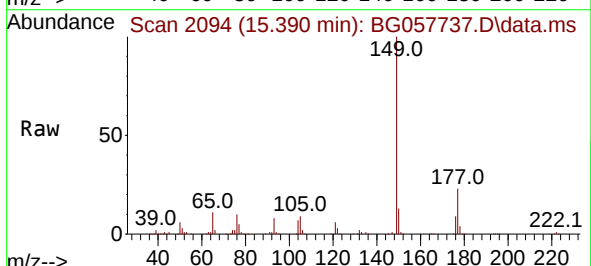
APPROVED

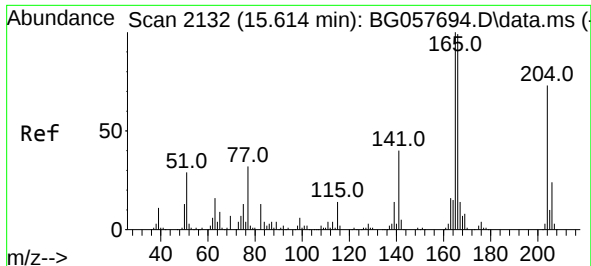
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#60
Diethylphthalate
Concen: 46.390 ng
RT: 15.390 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:149 Resp: 377240
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.5 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 43.198 ng
RT: 15.607 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

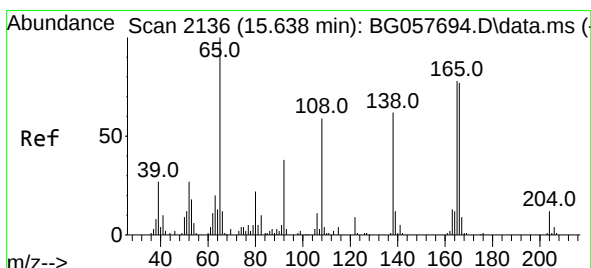
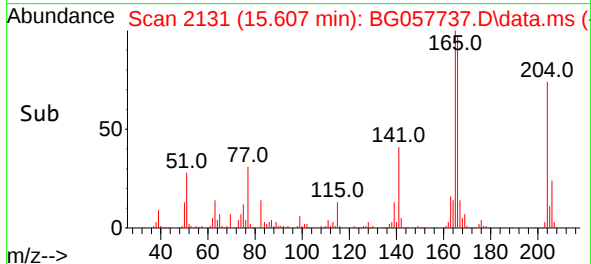
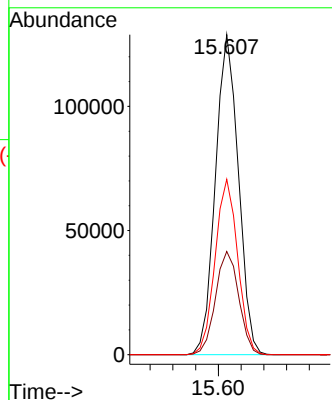
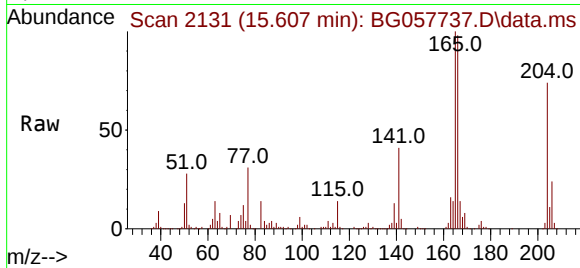
ClientSampleId :

PB153486BS

Tgt Ion:204 Resp: 18048
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 54.8 43.8 65.6

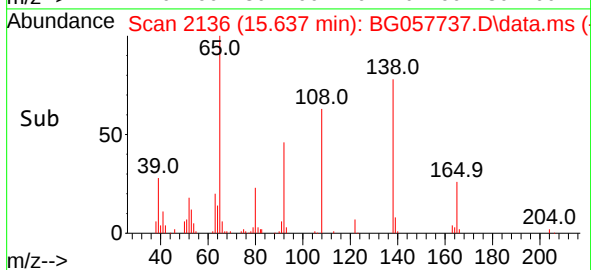
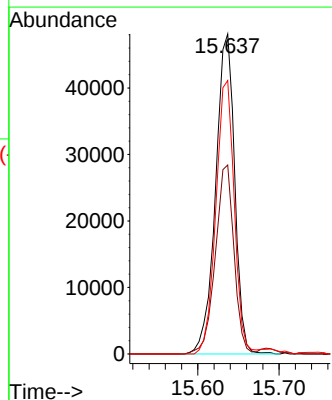
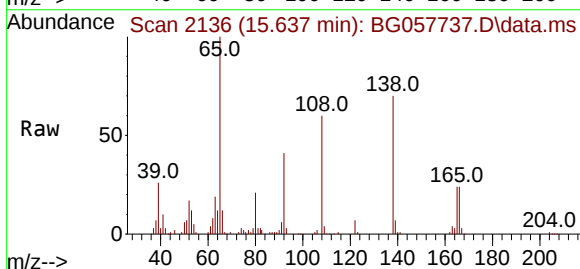
Manual Integrations
APPROVED

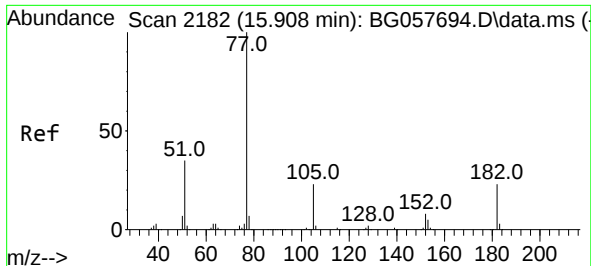
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 52.142 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:138 Resp: 78591
Ion Ratio Lower Upper
138 100
92 59.0 41.6 81.6
108 85.5 74.8 114.8





#63
Azobenzene
Concen: 43.270 ng
RT: 15.901 min Scan# 2182
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

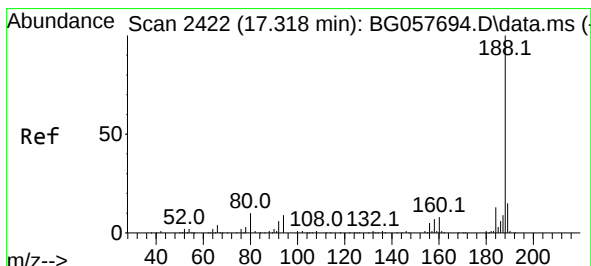
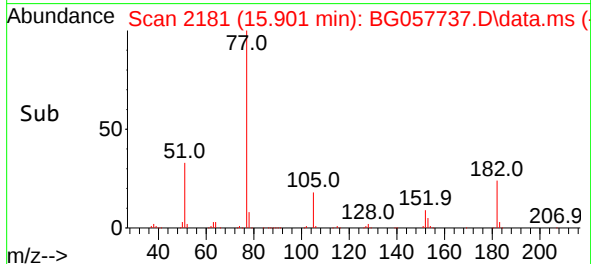
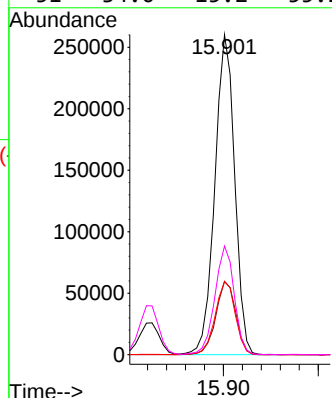
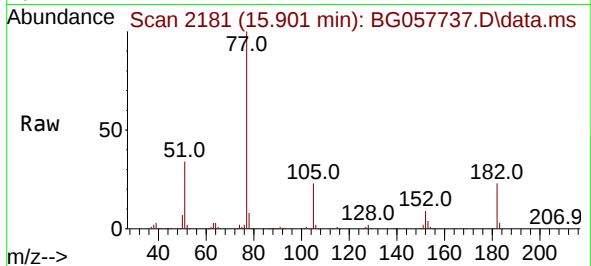
PB153486BS

Tgt Ion: 77 Resp: 37834
Ion Ratio Lower Upper
77 100
182 23.0 3.2 43.2
105 22.8 3.3 43.3
51 34.0 15.2 55.2

Manual Integrations

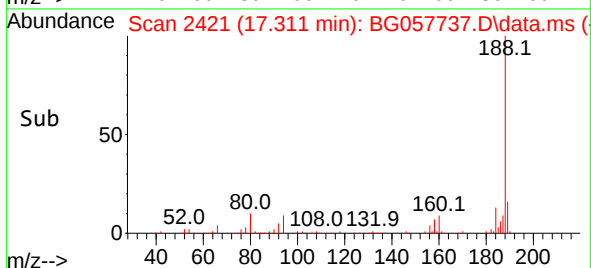
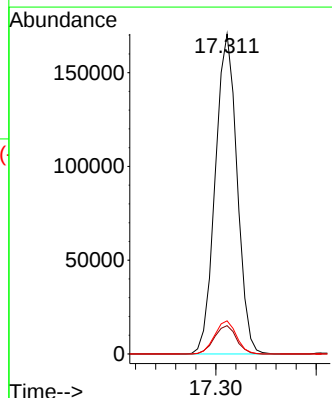
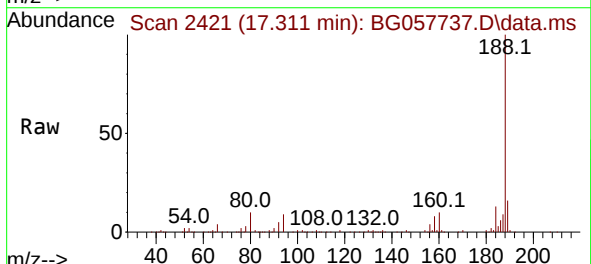
APPROVED

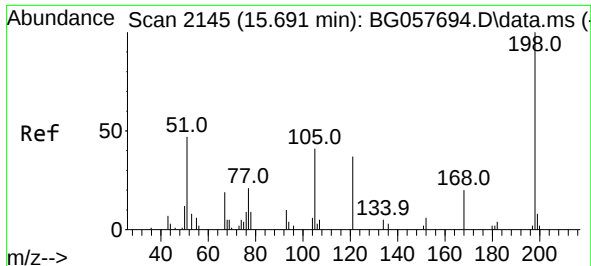
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2421
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:188 Resp: 257049
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.3 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 71.512 ng
RT: 15.690 min Scan# 2145
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

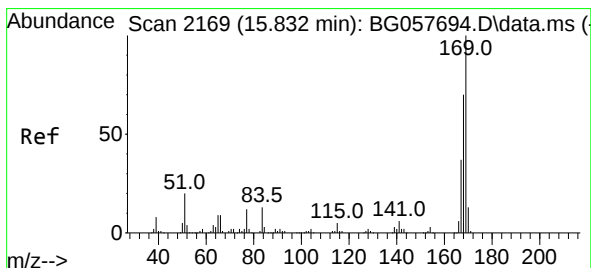
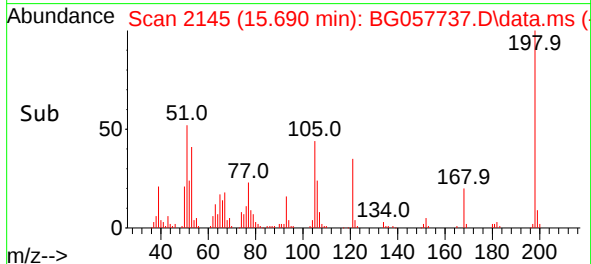
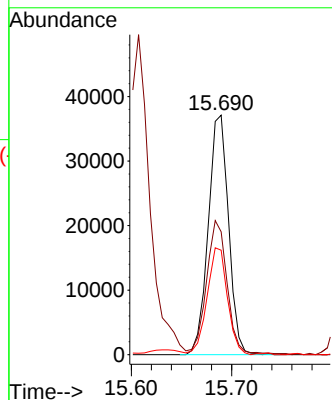
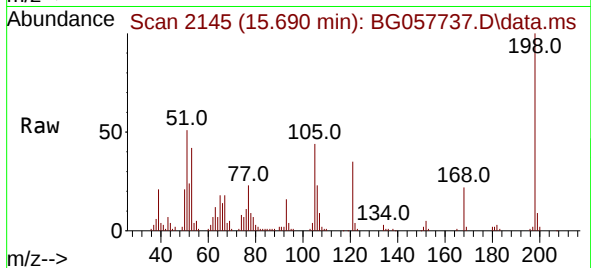
PB153486BS

Tgt Ion:198 Resp: 52160
Ion Ratio Lower Upper
198 100
51 51.3 42.0 82.0
105 43.6 30.9 70.9

Manual Integrations

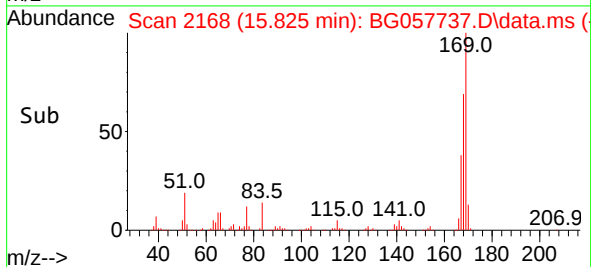
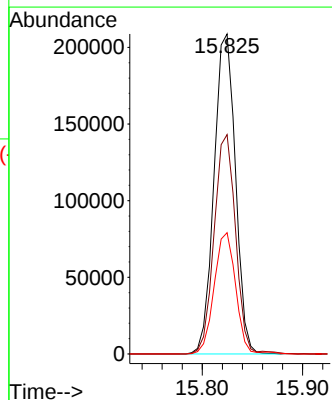
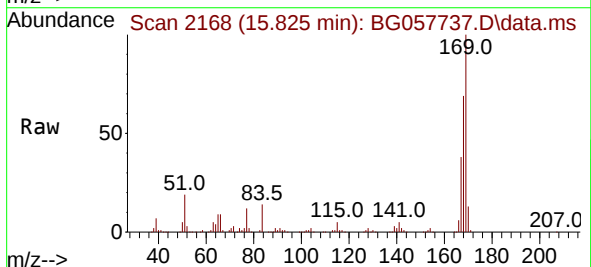
APPROVED

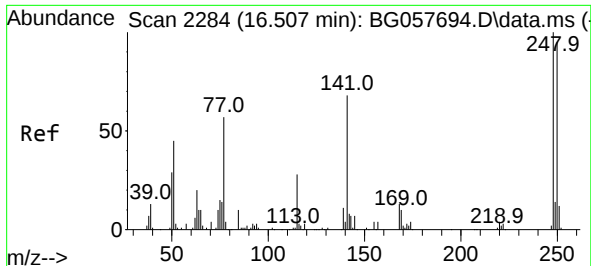
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 46.043 ng
RT: 15.825 min Scan# 2168
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

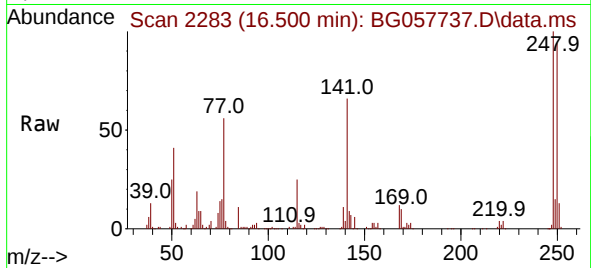
Tgt Ion:169 Resp: 309385
Ion Ratio Lower Upper
169 100
168 68.6 55.8 83.6
167 37.9 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 46.797 ng
RT: 16.500 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

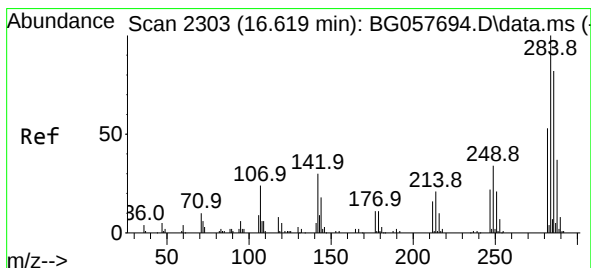
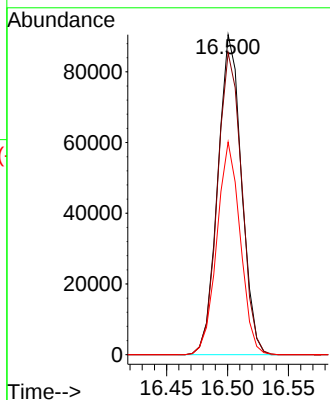
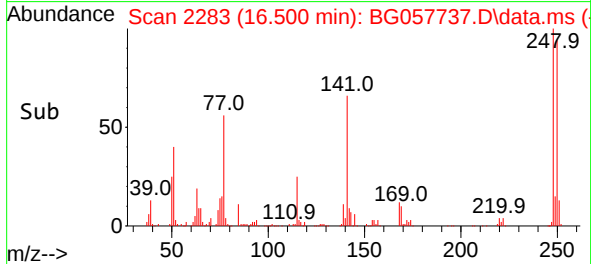
Instrument :
BNA_G
ClientSampleId :
PB153486BS



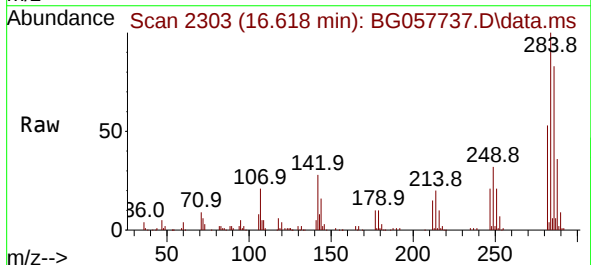
Tgt Ion:248 Resp: 122485
Ion Ratio Lower Upper
248 100
250 94.3 76.3 114.5
141 66.5 54.6 82.0

Manual Integrations
APPROVED

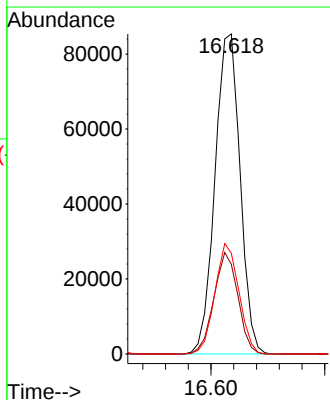
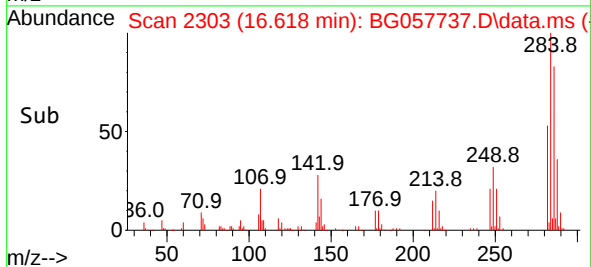
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

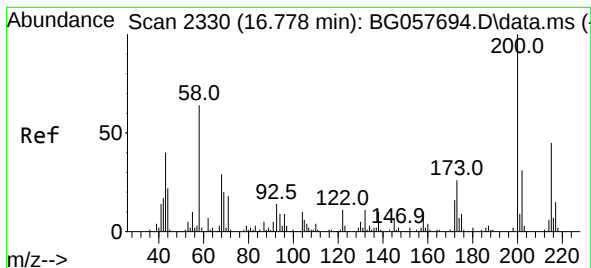


#68
Hexachlorobenzene
Concen: 47.841 ng
RT: 16.618 min Scan# 2303
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:284 Resp: 130862
Ion Ratio Lower Upper
284 100
142 28.0 24.1 36.1
249 31.5 26.8 40.2





#69

Atrazine

Concen: 50.940 ng

RT: 16.771 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

Tgt Ion:200 Resp: 113884

Ion Ratio Lower Upper

200 100

173 25.5 6.3 46.3

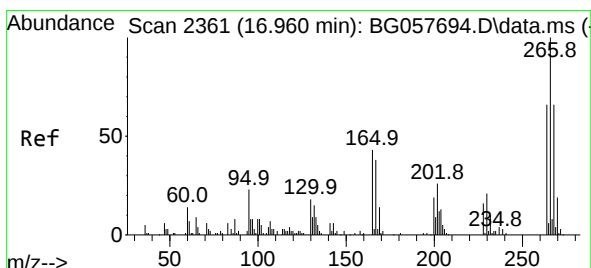
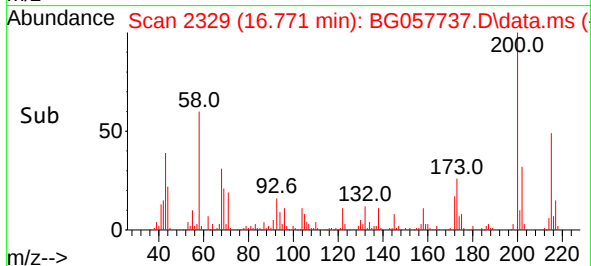
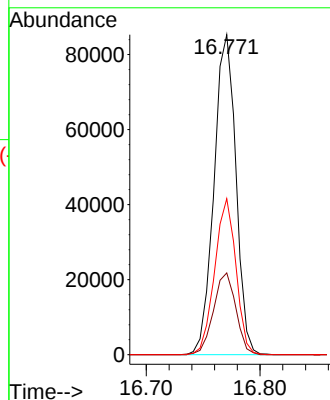
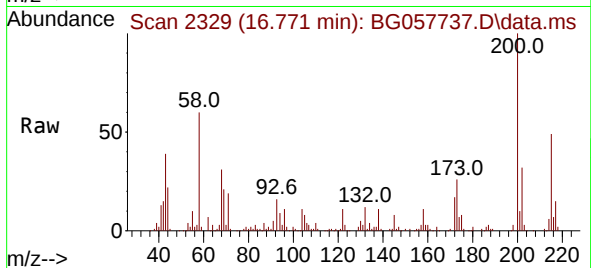
215 48.7 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 108.612 ng

RT: 16.959 min Scan# 2361

Delta R.T. -0.002 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

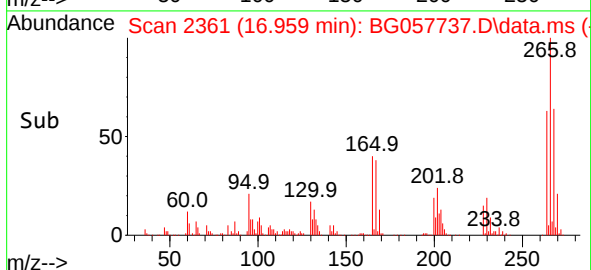
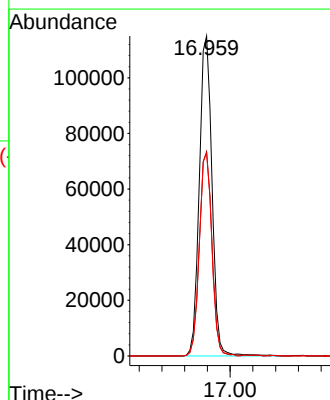
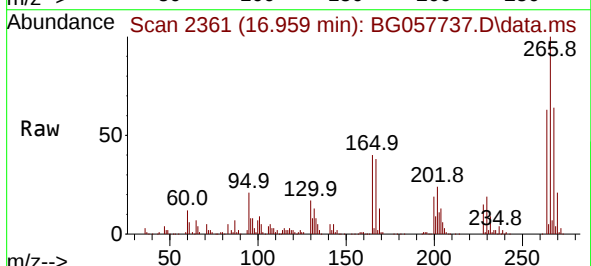
Tgt Ion:266 Resp: 178359

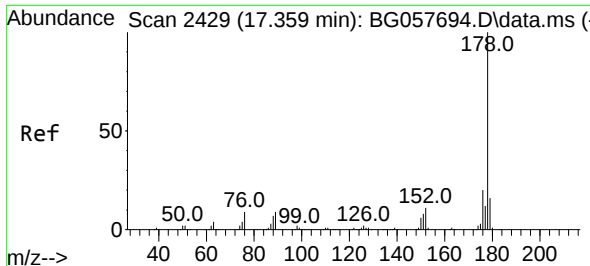
Ion Ratio Lower Upper

266 100

268 63.9 53.0 79.6

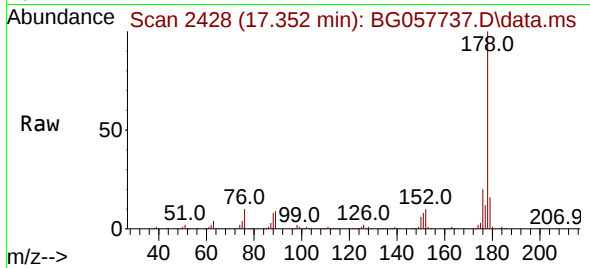
264 63.4 52.4 78.6





#71
Phenanthrene
Concen: 44.584 ng
RT: 17.352 min Scan# 2429
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

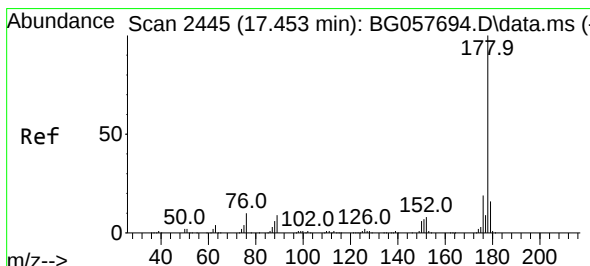
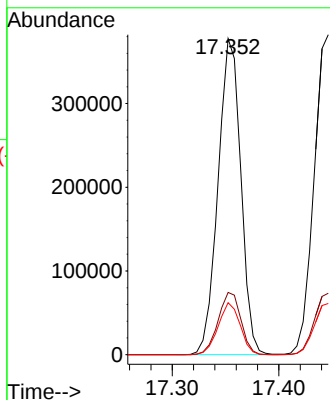
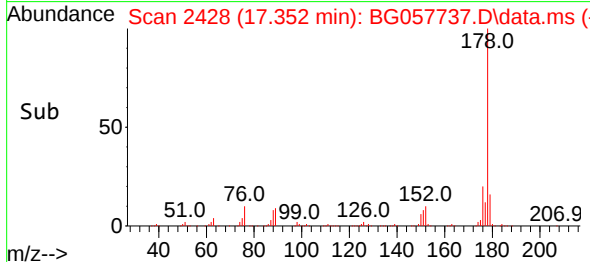
Instrument :
BNA_G
ClientSampleId :
PB153486BS



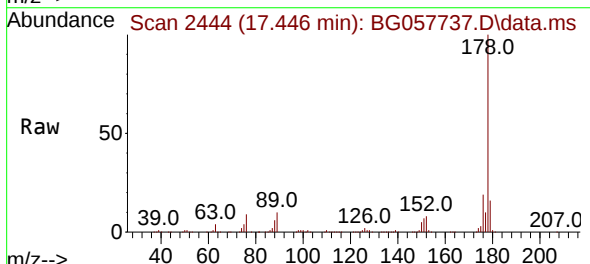
Tgt Ion:178 Resp: 559227
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 16.4 13.0 19.6

Manual Integrations
APPROVED

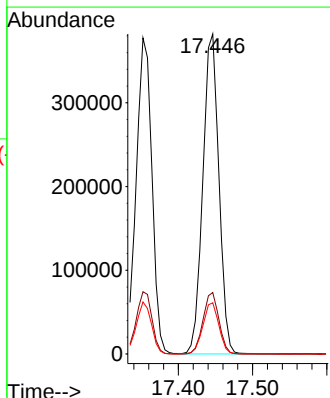
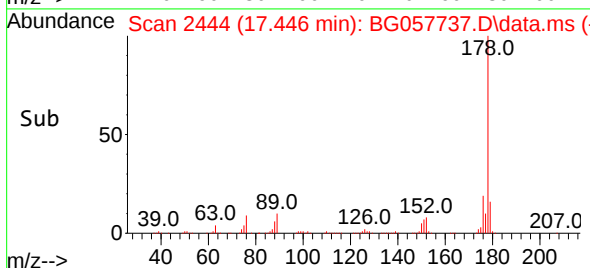
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

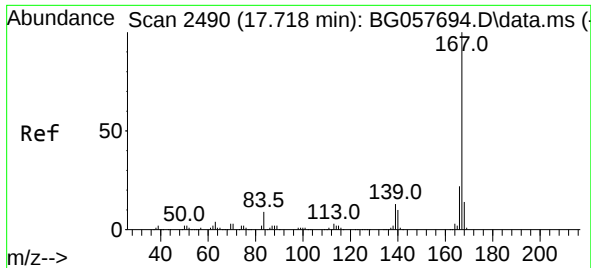


#72
Anthracene
Concen: 45.359 ng
RT: 17.446 min Scan# 2444
Delta R.T. -0.002 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:178 Resp: 576378
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 45.764 ng
 RT: 17.711 min Scan# 2490
 Delta R.T. -0.008 min
 Lab File: BG057737.D
 Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

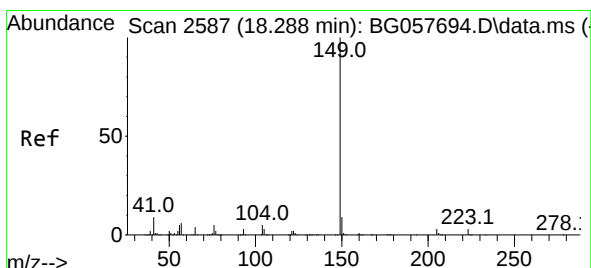
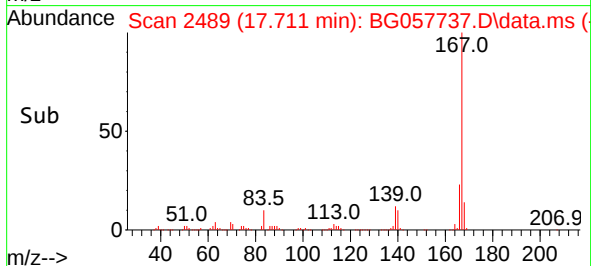
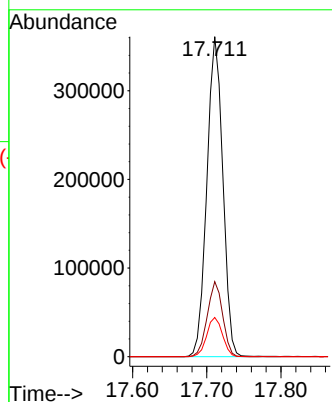
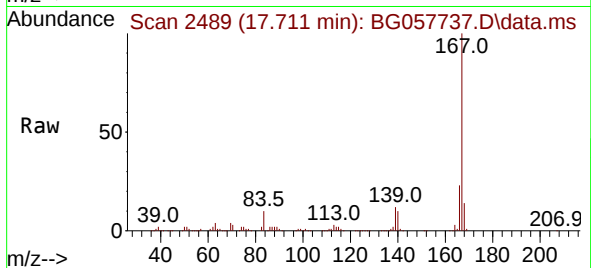
PB153486BS

Tgt Ion:167 Resp: 538558
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.4 26.2
 139 12.3 10.2 15.2

Manual Integrations

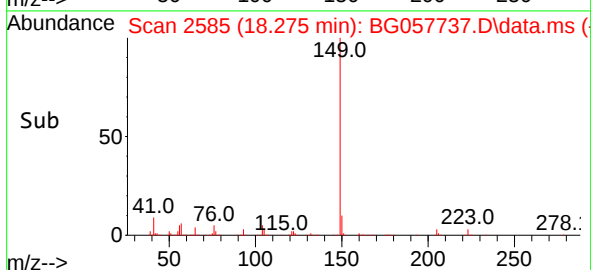
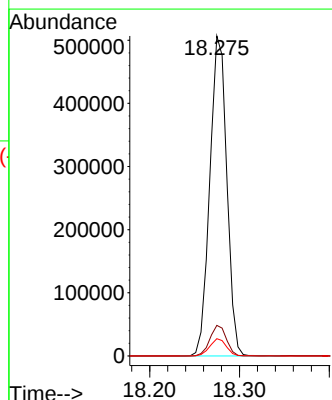
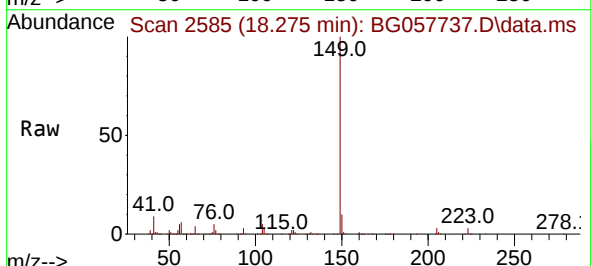
APPROVED

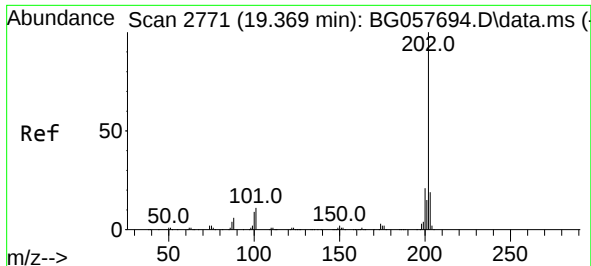
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#74
 Di-n-butylphthalate
 Concen: 51.025 ng
 RT: 18.275 min Scan# 2585
 Delta R.T. -0.008 min
 Lab File: BG057737.D
 Acq: 16 Jun 2023 16:36

Tgt Ion:149 Resp: 665565
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.0 10.6
 104 5.4 4.3 6.5





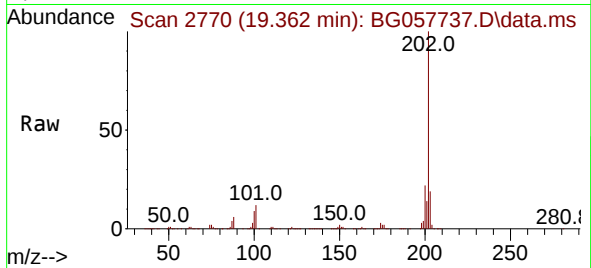
#75
Fluoranthene
Concen: 44.477 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

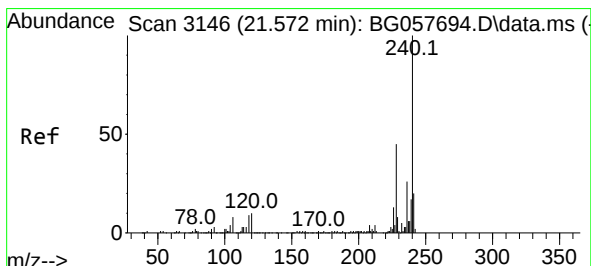
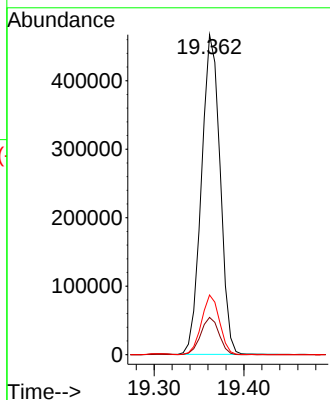
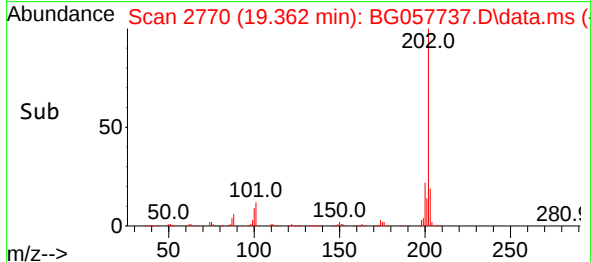


Tgt Ion:202 Resp: 672080
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.1
203 18.7 0.0 38.5

Manual Integrations

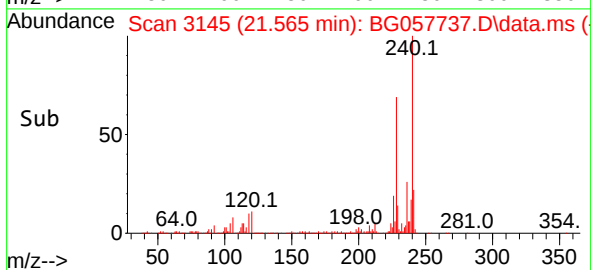
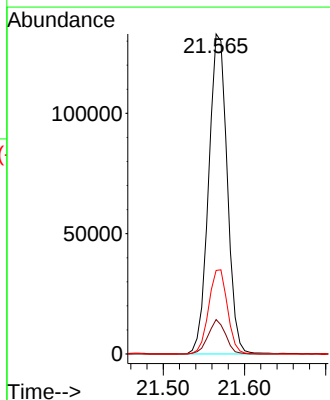
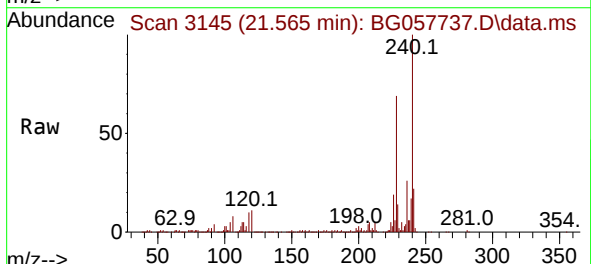
APPROVED

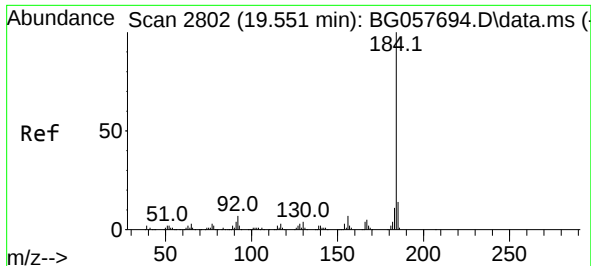
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

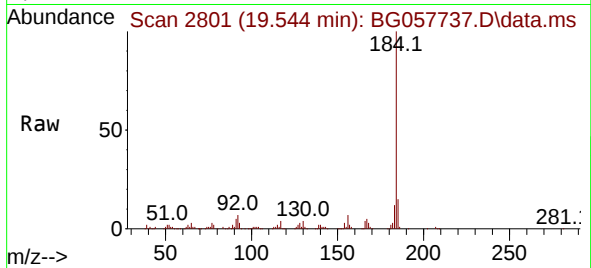
Tgt Ion:240 Resp: 210937
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.1 20.7 31.1





#77
Benzidine
Concen: 45.638 ng
RT: 19.544 min Scan# 2801
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

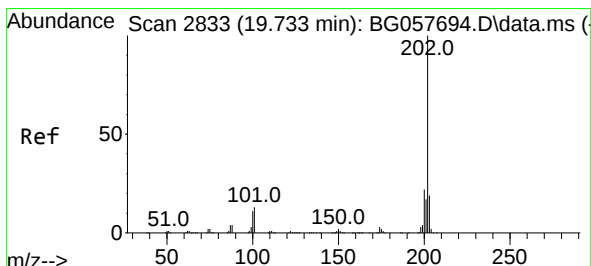
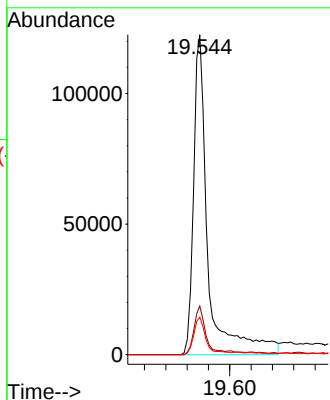
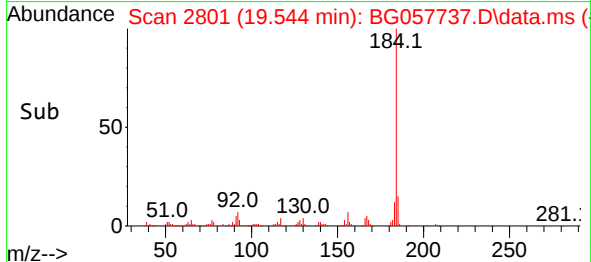
Instrument :
BNA_G
ClientSampleId :
PB153486BS



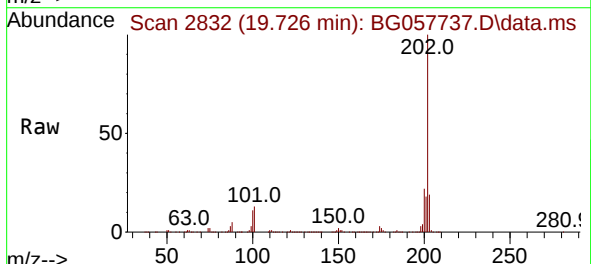
Tgt Ion:184 Resp: 229494
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 11.7 8.4 12.6

Manual Integrations
APPROVED

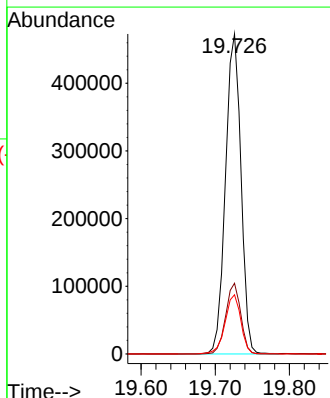
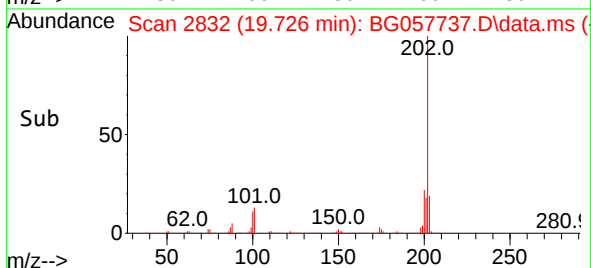
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

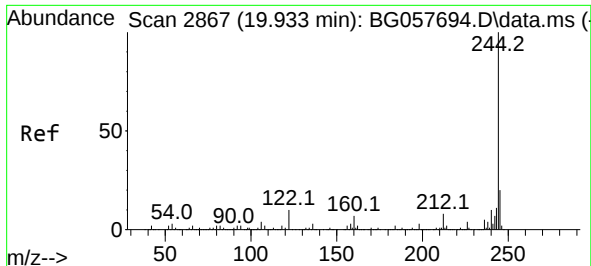


#78
Pyrene
Concen: 45.597 ng
RT: 19.726 min Scan# 2832
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36



Tgt Ion:202 Resp: 684334
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.0
203 18.5 14.9 22.3





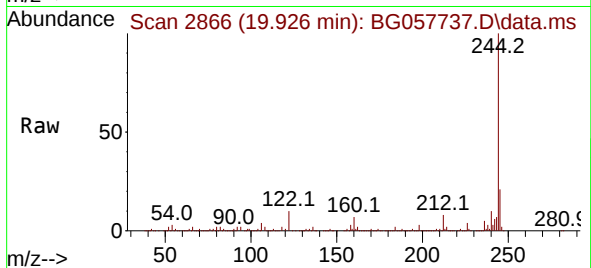
#79
 Terphenyl-d14
 Concen: 96.695 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057737.D
 Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

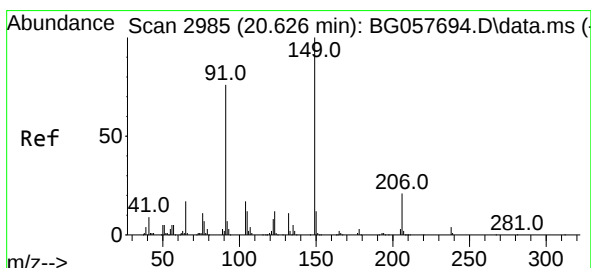
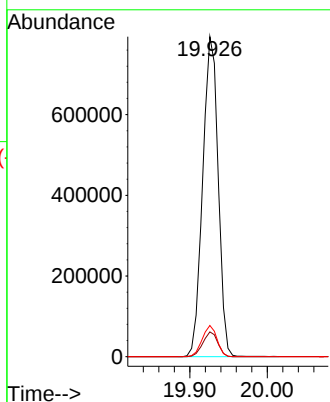
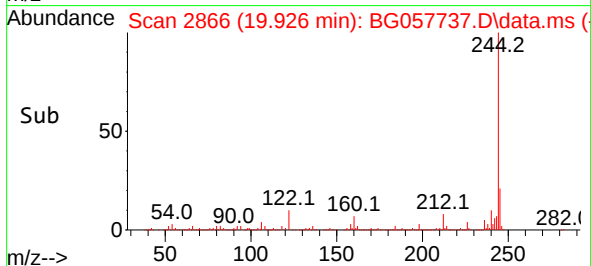


Tgt Ion:244 Resp: 110319
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.7 7.7 11.5

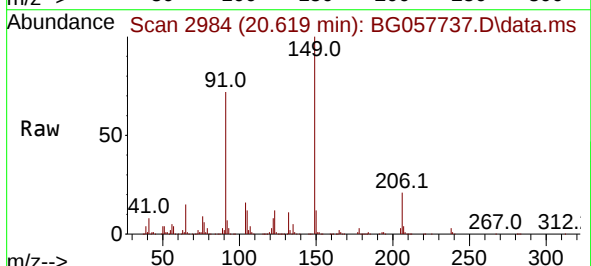
Manual Integrations

APPROVED

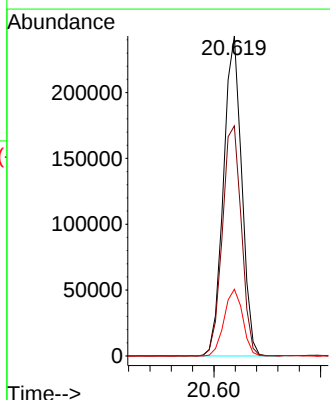
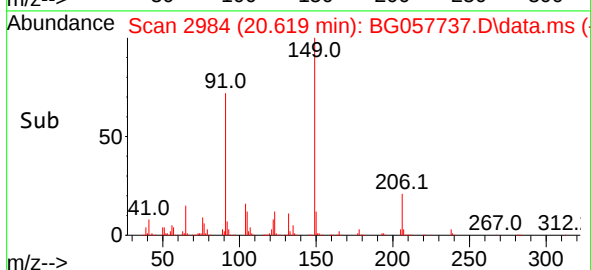
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

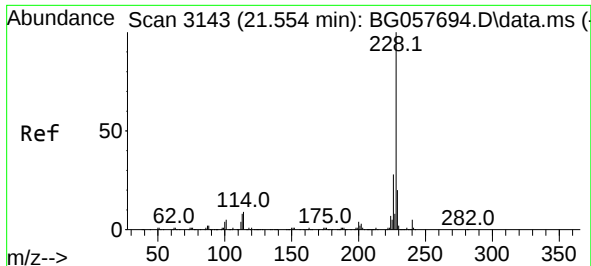


#80
 Butylbenzylphthalate
 Concen: 52.369 ng
 RT: 20.619 min Scan# 2984
 Delta R.T. -0.008 min
 Lab File: BG057737.D
 Acq: 16 Jun 2023 16:36



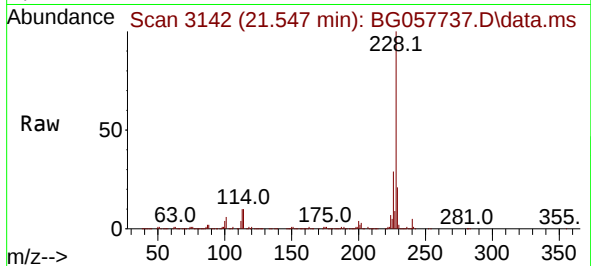
Tgt Ion:149 Resp: 288290
 Ion Ratio Lower Upper
 149 100
 91 71.9 60.8 91.2
 206 20.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.979 ng
RT: 21.547 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

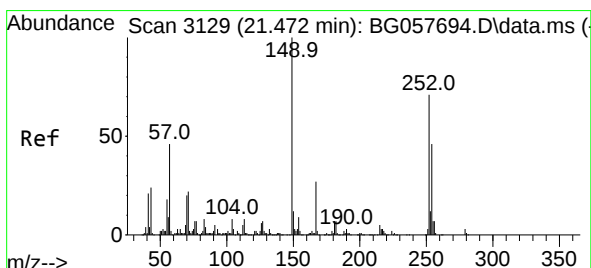
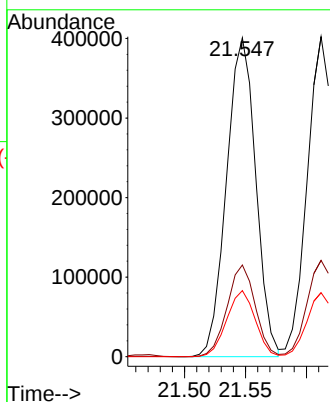
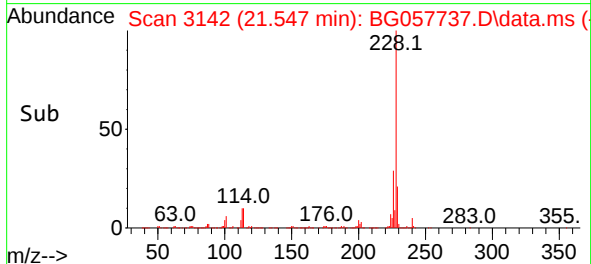
Instrument :
BNA_G
ClientSampleId :
PB153486BS



Tgt Ion:228 Resp: 669794
Ion Ratio Lower Upper
228 100
226 28.7 22.4 33.6
229 20.7 15.9 23.9

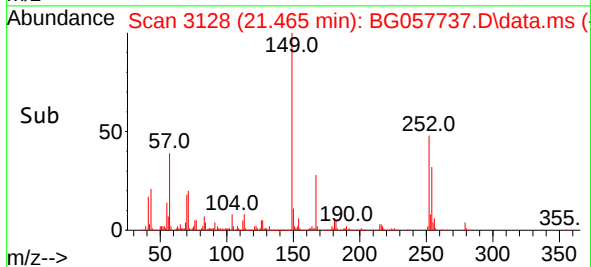
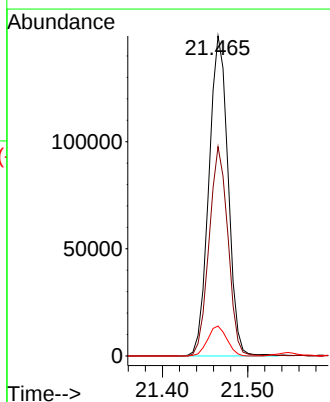
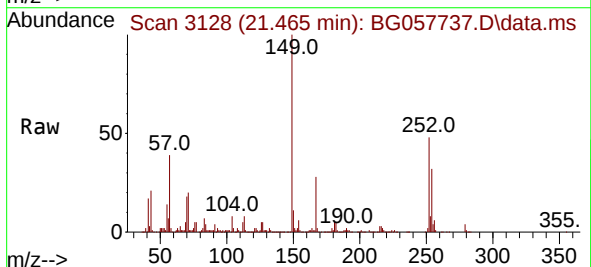
Manual Integrations
APPROVED

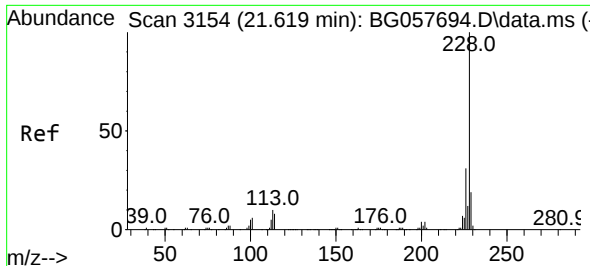
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 49.164 ng
RT: 21.465 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

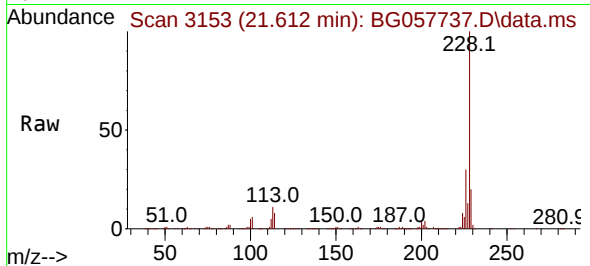
Tgt Ion:252 Resp: 233279
Ion Ratio Lower Upper
252 100
254 65.4 51.9 77.9
126 9.3 7.4 11.0





#83
Chrysene
Concen: 45.253 ng
RT: 21.612 min Scan# 3153
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

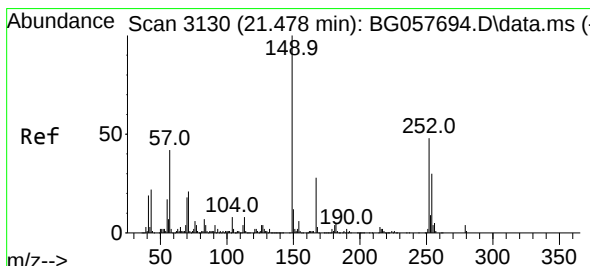
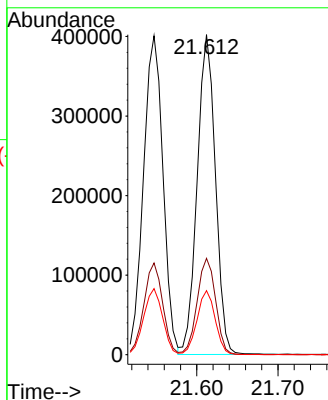
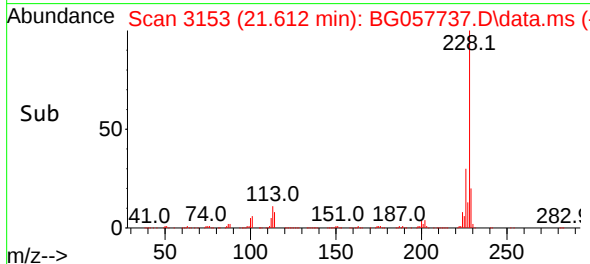
Instrument :
BNA_G
ClientSampleId :
PB153486BS



Tgt Ion:228 Resp: 627370
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 20.0 15.5 23.3

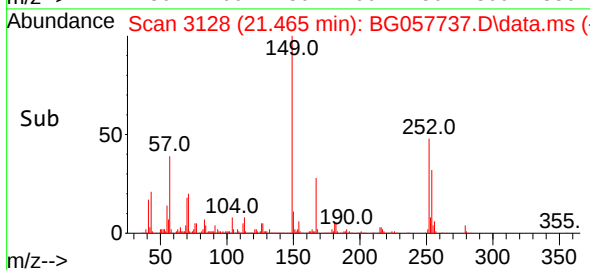
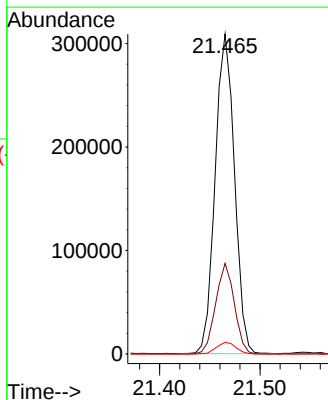
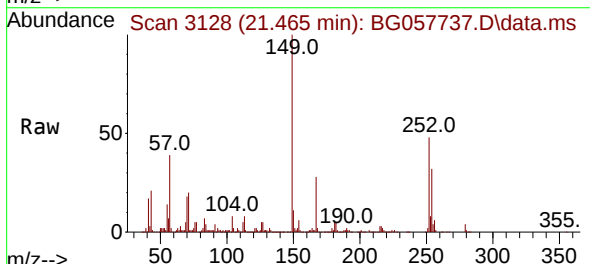
Manual Integrations
APPROVED

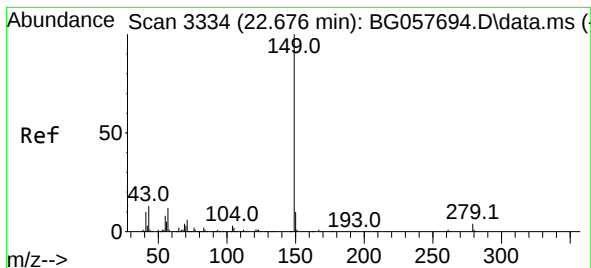
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.850 ng
RT: 21.465 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:149 Resp: 412959
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 58.814 ng

RT: 22.658 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

Tgt Ion:149 Resp: 749862

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

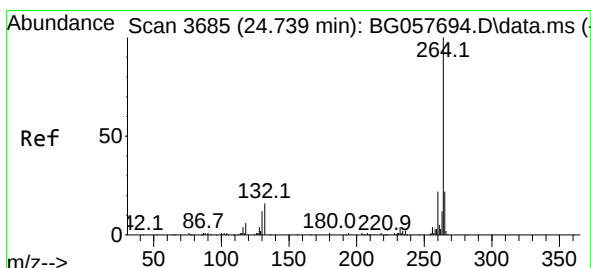
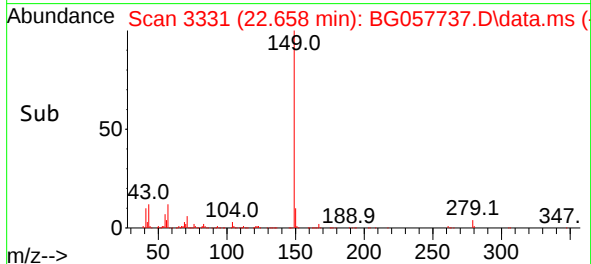
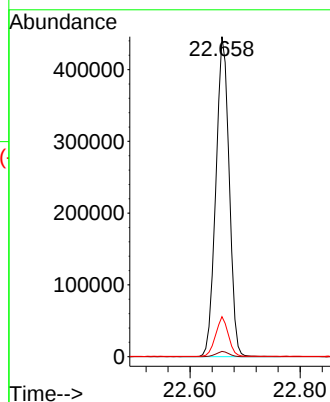
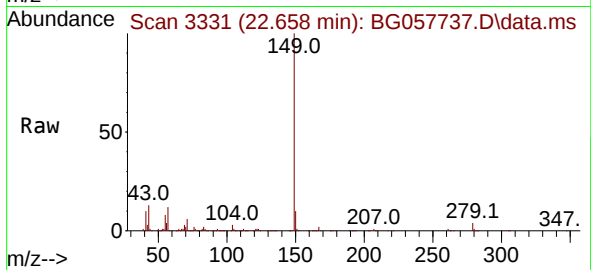
43 11.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.720 min Scan# 3682

Delta R.T. -0.014 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

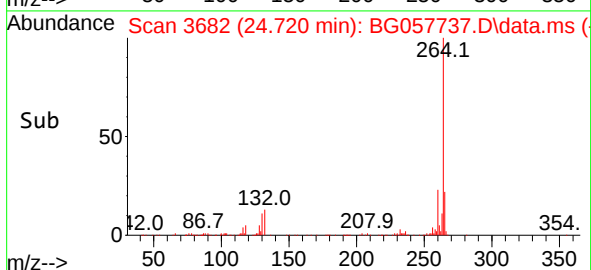
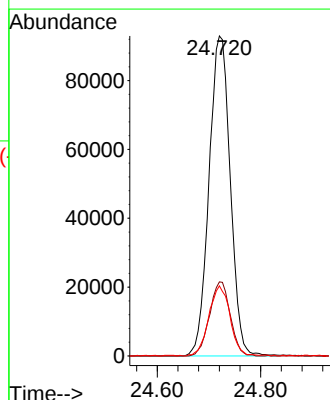
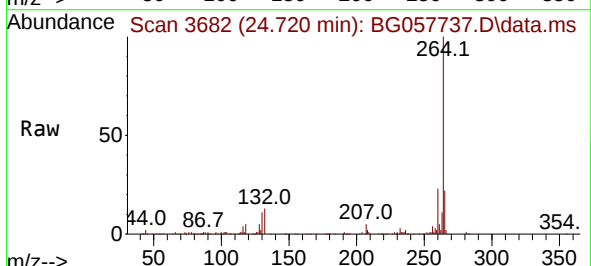
Tgt Ion:264 Resp: 264745

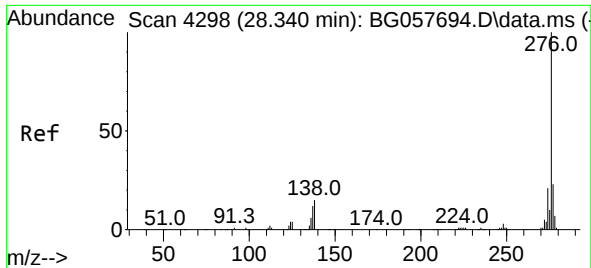
Ion Ratio Lower Upper

264 100

260 23.2 17.3 25.9

265 21.9 17.5 26.3





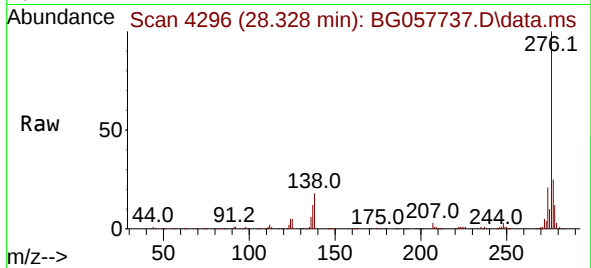
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.315 ng
RT: 28.328 min Scan# 4296
Delta R.T. -0.020 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

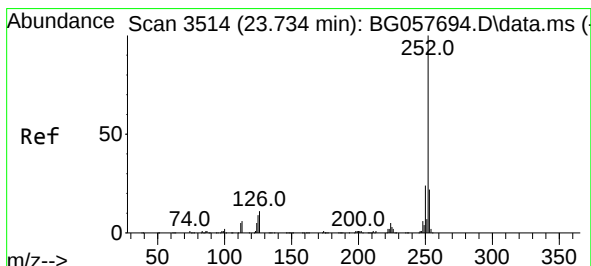
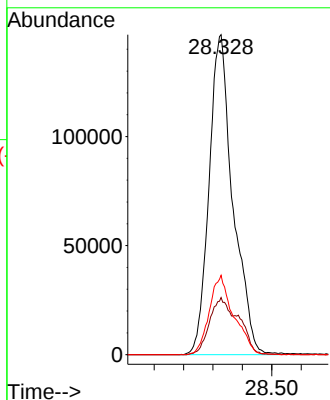
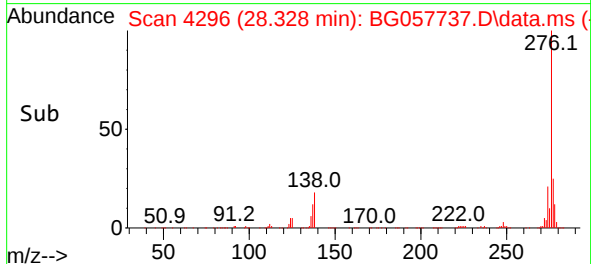


Tgt Ion:276 Resp: 827640
Ion Ratio Lower Upper
276 100
138 15.3 11.9 17.9
277 25.3 20.2 30.2

Manual Integrations

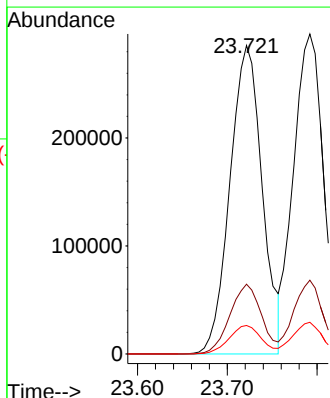
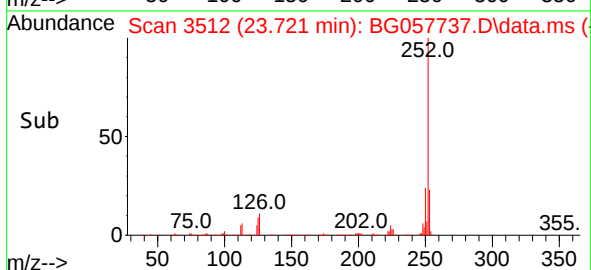
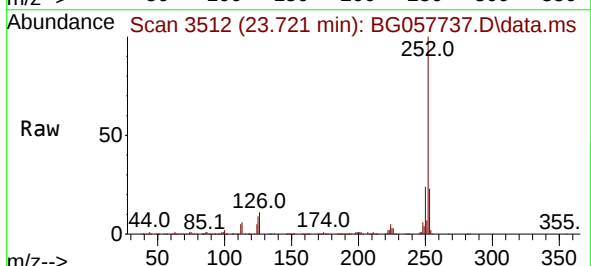
APPROVED

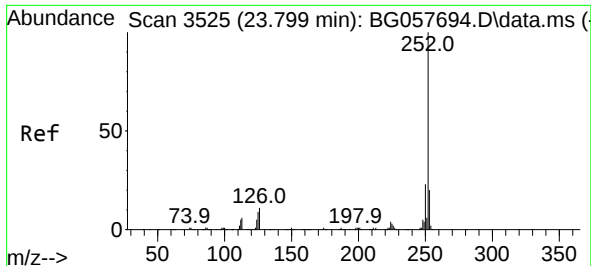
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#88
Benzo(b)fluoranthene
Concen: 49.641 ng
RT: 23.721 min Scan# 3512
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:252 Resp: 712957
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.2 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 46.139 ng
RT: 23.792 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

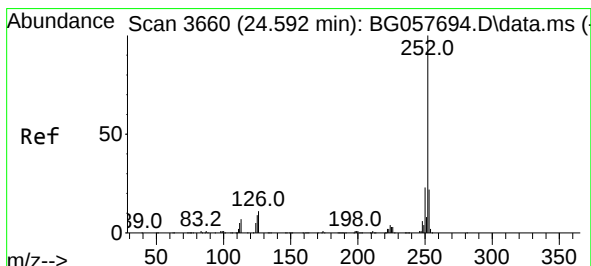
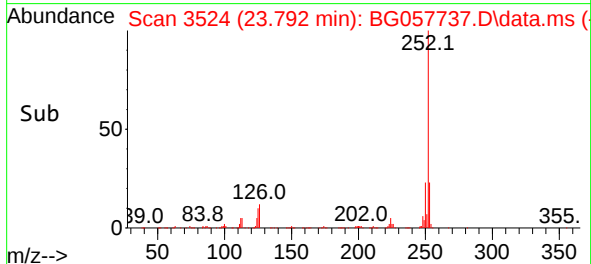
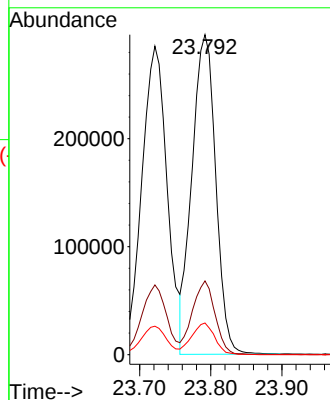
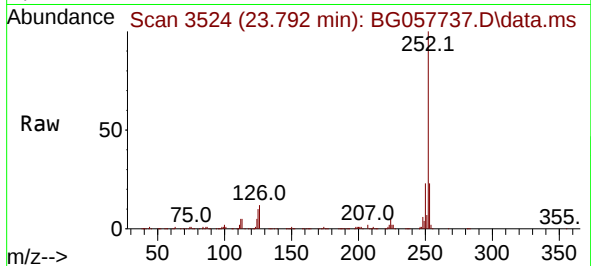
ClientSampleId :

PB153486BS

Tgt Ion:252 Resp: 68726
Ion Ratio Lower Upper
252 100
253 23.0 16.6 25.0
125 9.9 7.3 10.9

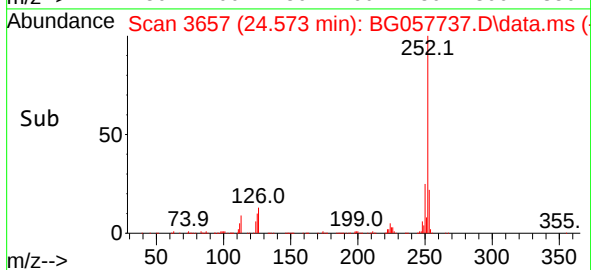
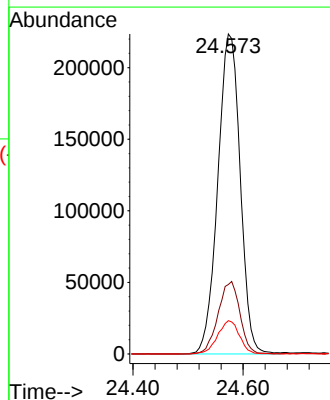
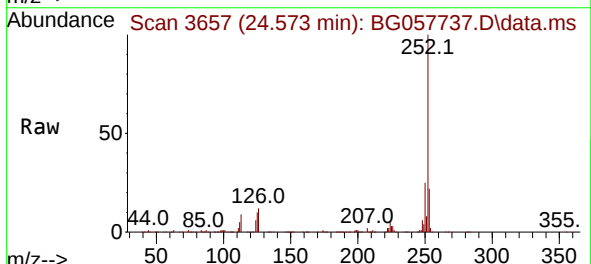
Manual Integrations
APPROVED

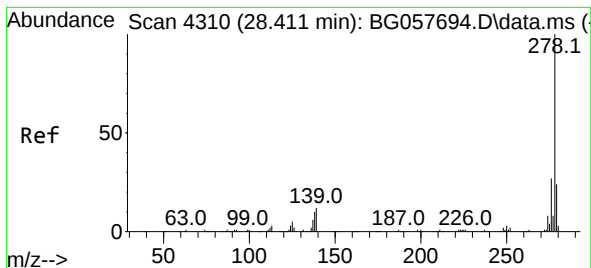
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#90
Benzo(a)pyrene
Concen: 44.663 ng
RT: 24.573 min Scan# 3657
Delta R.T. -0.014 min
Lab File: BG057737.D
Acq: 16 Jun 2023 16:36

Tgt Ion:252 Resp: 630704
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 48.131 ng

RT: 28.386 min Scan# 41

Delta R.T. -0.026 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Instrument :

BNA_G

ClientSampleId :

PB153486BS

Tgt Ion:278 Resp: 681329

Ion Ratio Lower Upper

278 100

139 13.9 10.0 15.0

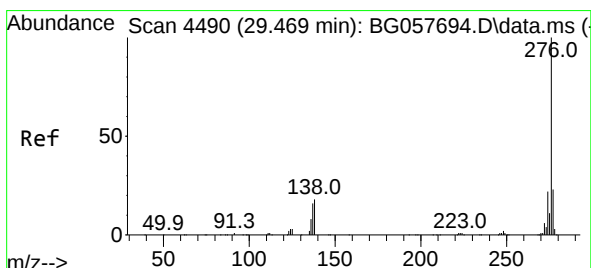
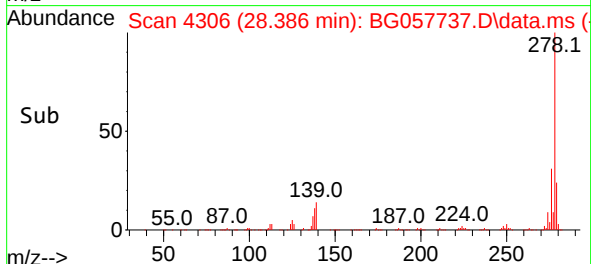
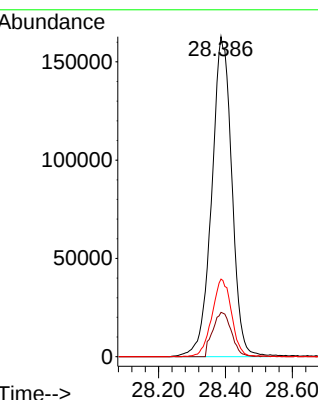
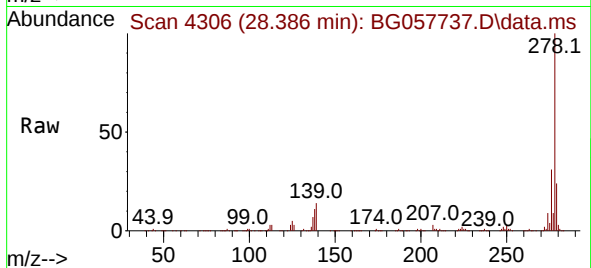
279 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 47.533 ng

RT: 29.450 min Scan# 4487

Delta R.T. -0.020 min

Lab File: BG057737.D

Acq: 16 Jun 2023 16:36

Tgt Ion:276 Resp: 671594

Ion Ratio Lower Upper

276 100

277 25.2 18.1 27.1

138 18.5 14.6 21.8

