

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060133.D
 Acq On : 22 Dec 2023 11:27
 Operator : MA/JU
 Sample : PB157953BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 12:10:33 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 22 03:42:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	249597	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	1224486	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	981919	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	2397314	20.000	ng	0.00
76) Chrysene-d12	21.596	240	1514628	20.000	ng	0.00
86) Perylene-d12	24.769	264	1489823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	2177367	137.457	ng	0.00
7) Phenol-d6	7.113	99	3295281	123.611	ng	0.00
23) Nitrobenzene-d5	9.105	82	1967375	78.708	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	1518836	114.882	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	4595351	70.272	ng	0.00
79) Terphenyl-d14	19.951	244	5774717	68.991	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	181377	27.403	ng	99
3) Pyridine	3.805	79	502448	23.488	ng	98
4) n-Nitrosodimethylamine	3.723	42	314228	32.334	ng	93
6) Aniline	7.266	93	992814	35.664	ng	99
8) 2-Chlorophenol	7.506	128	801167	45.646	ng	97
9) Benzaldehyde	7.078	77	310940m	21.025	ng	
10) Phenol	7.136	94	1223932	45.948	ng	99
11) bis(2-Chloroethyl)ether	7.360	93	804859	38.488	ng	96
12) 1,3-Dichlorobenzene	7.830	146	719531	36.680	ng	95
13) 1,4-Dichlorobenzene	7.976	146	751145	37.019	ng	94
14) 1,2-Dichlorobenzene	8.294	146	765852	37.482	ng	98
15) Benzyl Alcohol	8.182	79	830394	42.433	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.470	45	1403601	36.083	ng	95
17) 2-Methylphenol	8.382	107	814622	44.076	ng	95
18) Hexachloroethane	9.022	117	247224	36.713	ng	97
19) n-Nitroso-di-n-propyla...	8.746	70	769601	37.127	ng	99
20) 3+4-Methylphenols	8.717	107	1146669	43.216	ng	96
22) Acetophenone	8.764	105	1400085	40.089	ng	# 96
24) Nitrobenzene	9.146	77	1018379	39.426	ng	96
25) Isophorone	9.669	82	2165254	35.544	ng	98
26) 2-Nitrophenol	9.857	139	443555	43.352	ng	97
27) 2,4-Dimethylphenol	9.915	122	888701	63.103	ng	94
28) bis(2-Chloroethoxy)met...	10.150	93	1294971	40.484	ng	97
29) 2,4-Dichlorophenol	10.391	162	987080	46.982	ng	96
30) 1,2,4-Trichlorobenzene	10.609	180	889027	39.418	ng	100
31) Naphthalene	10.797	128	2487846	38.166	ng	98
32) Benzoic acid	10.092	122	699938m	44.439	ng	
33) 4-Chloroaniline	10.902	127	754601	26.785	ng	94
34) Hexachlorobutadiene	11.079	225	488193	38.771	ng	92
35) Caprolactam	11.701	113	359393m	32.746	ng	
36) 4-Chloro-3-methylphenol	12.031	107	1048707	41.785	ng	97
37) 2-Methylnaphthalene	12.407	142	1948504	38.516	ng	99
38) 1-Methylnaphthalene	12.624	142	1867209	36.768	ng	99
40) 1,2,4,5-Tetrachloroben...	12.771	216	1118007	43.480	ng	99
41) Hexachlorocyclopentadiene	12.753	237	906308	104.191	ng	96
43) 2,4,6-Trichlorophenol	13.012	196	874041	45.567	ng	99

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Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 12:10:33 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M

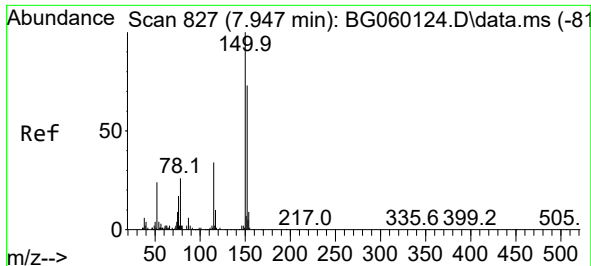
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 22 03:42:04 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	969569	44.569	ng	96
46) 1,1'-Biphenyl	13.417	154	2834900	39.733	ng	95
47) 2-Chloronaphthalene	13.458	162	2312742	39.533	ng	98
48) 2-Nitroaniline	13.664	65	787377	41.251	ng	98
49) Acenaphthylene	14.304	152	3578918	39.138	ng	94
50) Dimethylphthalate	14.040	163	3098535	35.877	ng	98
51) 2,6-Dinitrotoluene	14.157	165	704563	40.783	ng	96
52) Acenaphthene	14.645	154	2196967	39.066	ng	97
53) 3-Nitroaniline	14.492	138	591574	32.231	ng	94
54) 2,4-Dinitrophenol	14.698	184	854057	75.358	ng	98
55) Dibenzofuran	14.980	168	3562812	37.616	ng	93
56) 4-Nitrophenol	14.810	139	1211339	79.496	ng	99
57) 2,4-Dinitrotoluene	14.951	165	980671	38.671	ng	96
58) Fluorene	15.632	166	2967420	37.030	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.203	232	892452	45.683	ng	96
60) Diethylphthalate	15.403	149	3144385	33.706	ng	95
61) 4-Chlorophenyl-phenyle...	15.620	204	1498142	39.214	ng	99
62) 4-Nitroaniline	15.662	138	724781	33.639	ng	98
63) Azobenzene	15.920	77	3076430	36.943	ng	96
65) 4,6-Dinitro-2-methylph...	15.709	198	604693	46.610	ng	97
66) n-Nitrosodiphenylamine	15.844	169	2756412	43.591	ng	97
67) 4-Bromophenyl-phenylether	16.519	248	991409	43.897	ng	95
68) Hexachlorobenzene	16.631	284	1091311	42.199	ng	96
69) Atrazine	16.796	200	1346456	57.221	ng	98
70) Pentachlorophenol	16.978	266	1339776	83.681	ng	96
71) Phenanthrene	17.377	178	4556685	37.723	ng	# 89
72) Anthracene	17.465	178	4627262	38.053	ng	# 89
73) Carbazole	17.736	167	4385313	33.970	ng	93
74) Di-n-butylphthalate	18.294	149	4560657	29.795	ng	# 93
75) Fluoranthene	19.387	202	4838166	30.511	ng	89
77) Benzidine	19.563	184	952722	23.265	ng	99
78) Pyrene	19.751	202	4860870	42.041	ng	92
80) Butylbenzylphthalate	20.638	149	1691664	43.653	ng	99
81) Benzo(a)anthracene	21.578	228	4058919	40.333	ng	96
82) 3,3'-Dichlorobenzidine	21.496	252	1399602	46.911	ng	100
83) Chrysene	21.643	228	3779799	40.004	ng	95
84) Bis(2-ethylhexyl)phtha...	21.484	149	2481356	48.043	ng	# 96
85) Di-n-octyl phthalate	22.683	149	4203659	48.844	ng	97
87) Indeno(1,2,3-cd)pyrene	28.400	276	4806509	46.223	ng	99
88) Benzo(b)fluoranthene	23.764	252	4212002	44.709	ng	98
89) Benzo(k)fluoranthene	23.834	252	4071747	44.101	ng	97
90) Benzo(a)pyrene	24.628	252	3676102	44.289	ng	98
91) Dibenzo(a,h)anthracene	28.470	278	4093876	47.676	ng	98
92) Benzo(g,h,i)perylene	29.545	276	3994997	46.054	ng	96

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



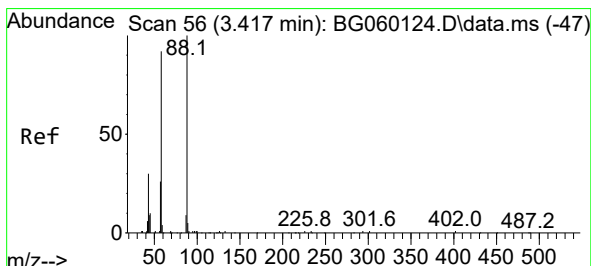
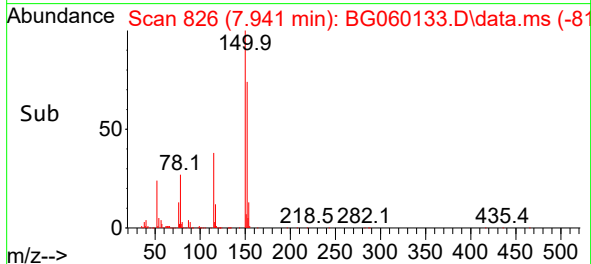
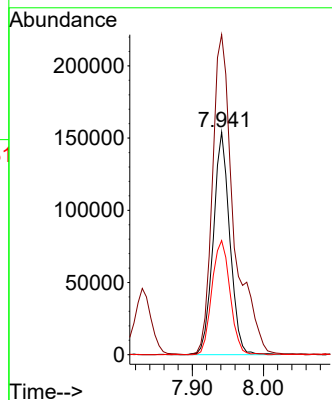
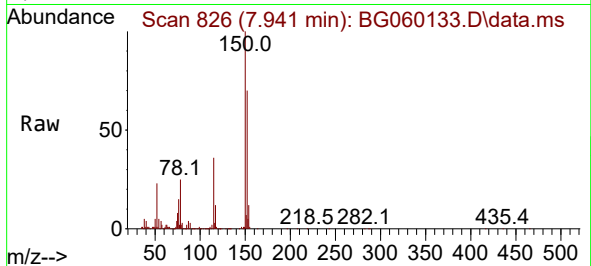
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :
BNA_G
ClientSampleId :
PB157953BS

Tgt Ion:152 Resp: 24959
Ion Ratio Lower Upper
152 100
150 143.8 109.4 164.0
115 51.3 36.5 54.7

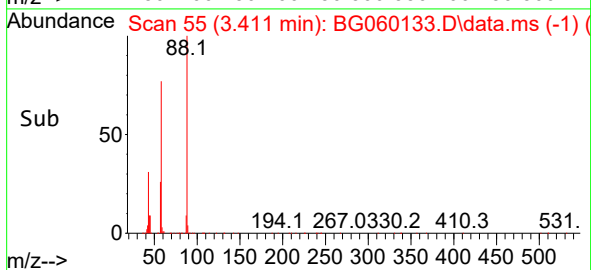
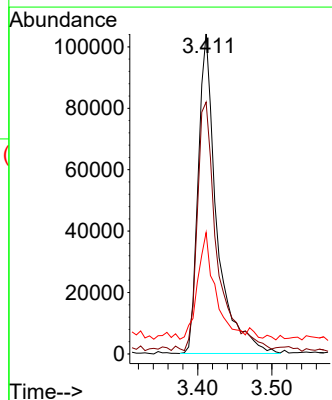
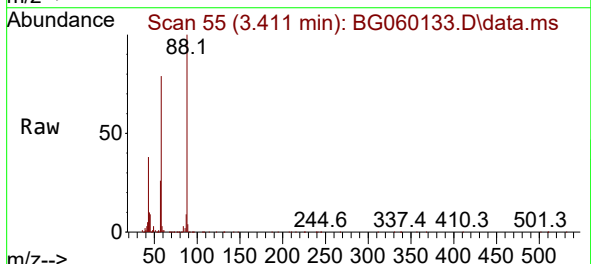
Manual Integrations
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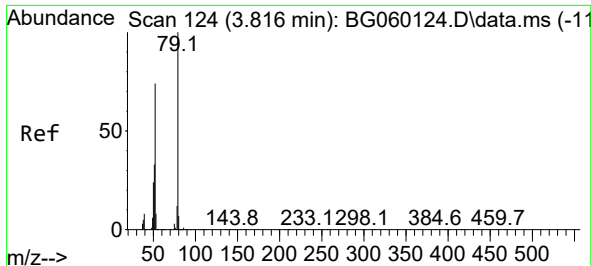
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#2
1,4-Dioxane
Concen: 27.403 ng
RT: 3.411 min Scan# 55
Delta R.T. -0.005 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 88 Resp: 181377
Ion Ratio Lower Upper
88 100
58 80.5 65.4 98.0
43 31.9 25.0 37.4





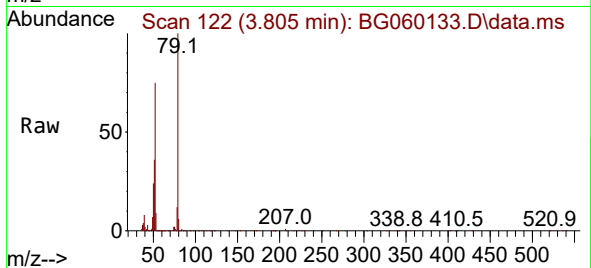
#3
Pyridine
Concen: 23.488 ng
RT: 3.805 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

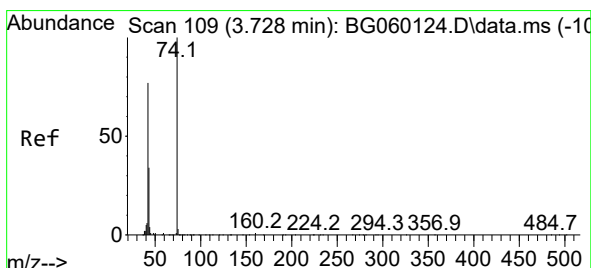
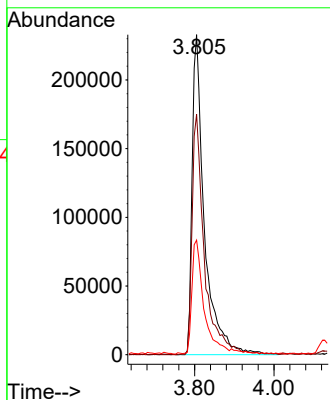
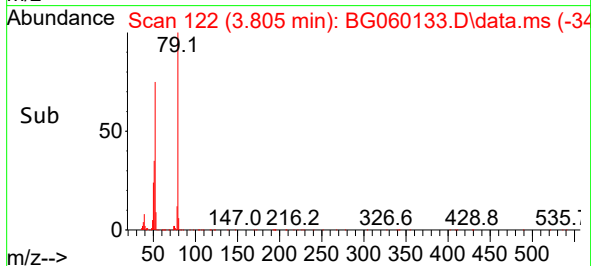
PB157953BS



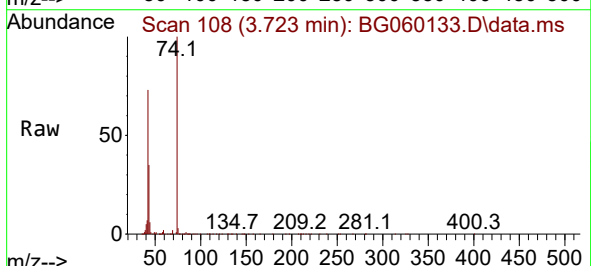
Tgt Ion: 79 Resp: 502448
Ion Ratio Lower Upper
79 100
52 75.2 59.3 88.9
51 35.8 27.0 40.6

Manual Integrations
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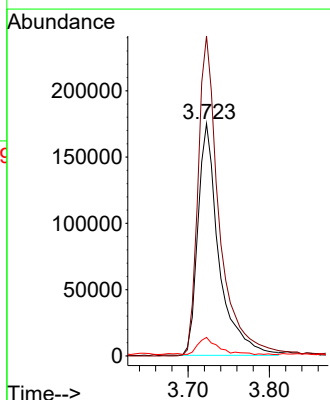
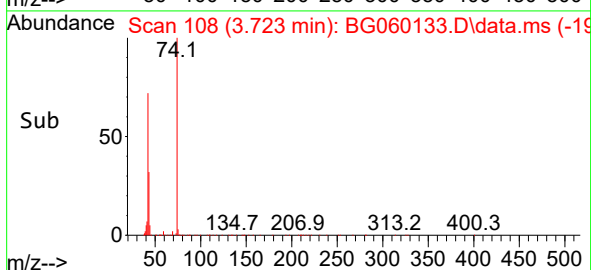
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

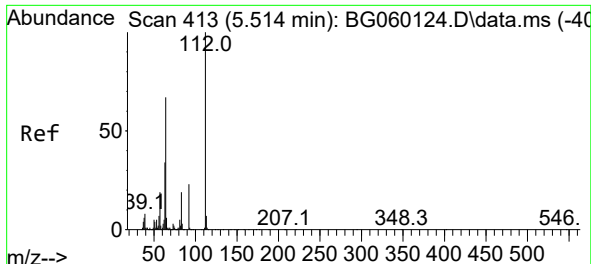


#4
n-Nitrosodimethylamine
Concen: 32.334 ng
RT: 3.723 min Scan# 108
Delta R.T. -0.005 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion: 42 Resp: 314228
Ion Ratio Lower Upper
42 100
74 137.7 103.8 155.6
44 8.0 5.8 8.8





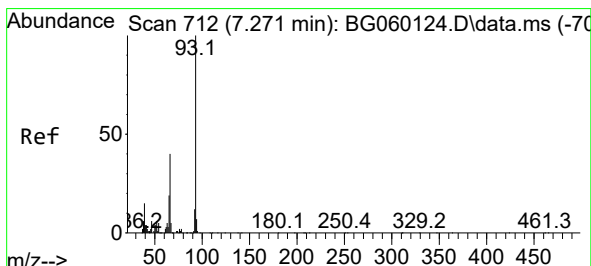
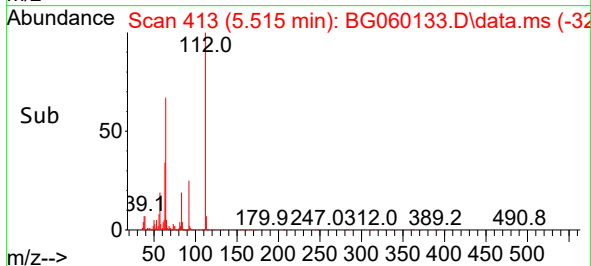
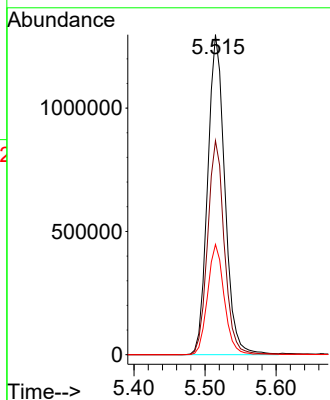
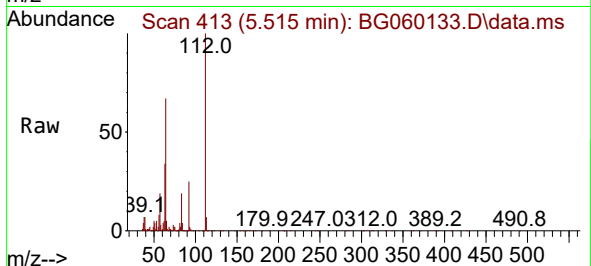
#5
2-Fluorophenol
Concen: 137.457 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :
BNA_G
ClientSampleId :
PB157953BS

Tgt Ion:112 Resp: 217736
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 34.4 27.1 40.7

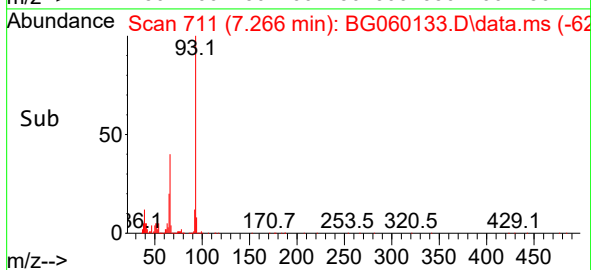
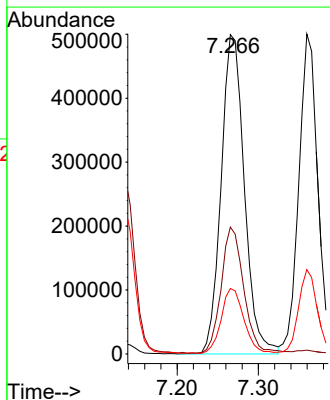
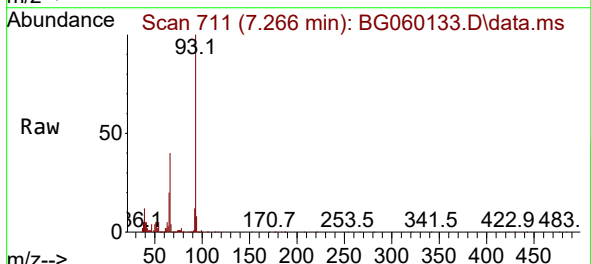
Manual Integrations
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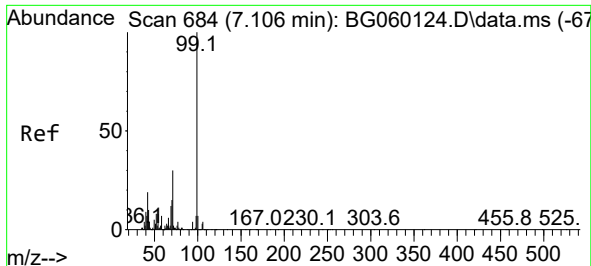
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 35.664 ng
RT: 7.266 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 93 Resp: 992814
Ion Ratio Lower Upper
93 100
66 39.7 32.3 48.5
65 20.5 15.7 23.5





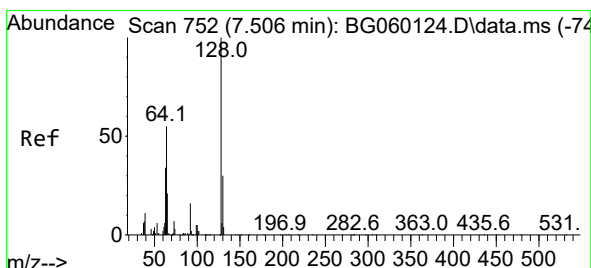
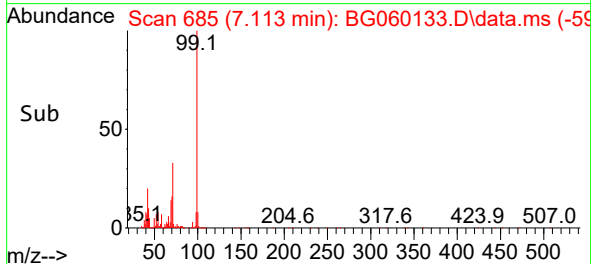
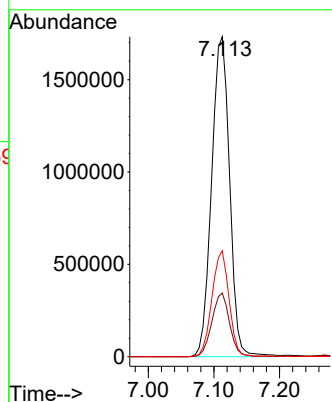
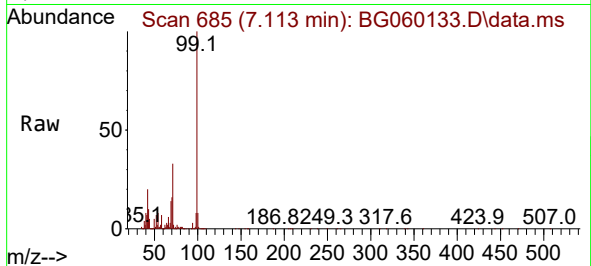
#7
Phenol-d6
Concen: 123.611 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :
BNA_G
ClientSampleId :
PB157953BS

Tgt Ion: 99 Resp: 329528
Ion Ratio Lower Upper
99 100
42 19.9 15.2 22.8
71 33.1 24.2 36.2

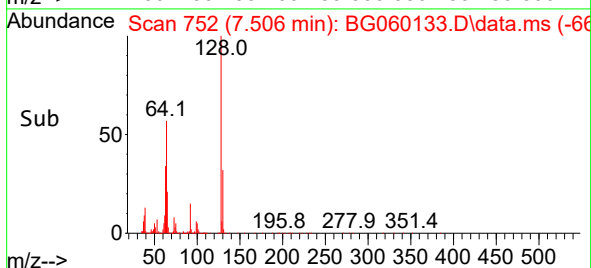
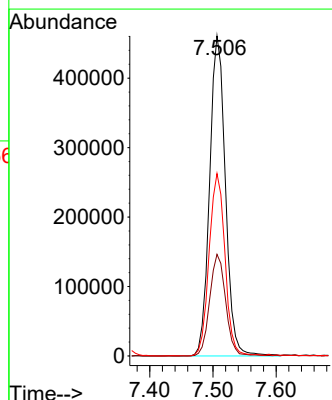
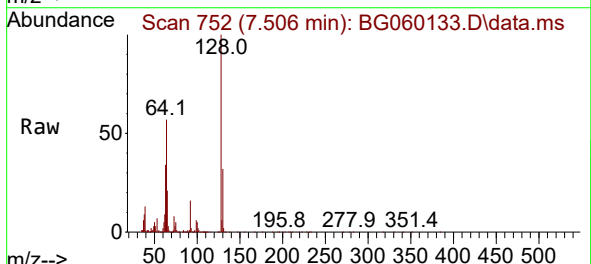
Manual Integrations
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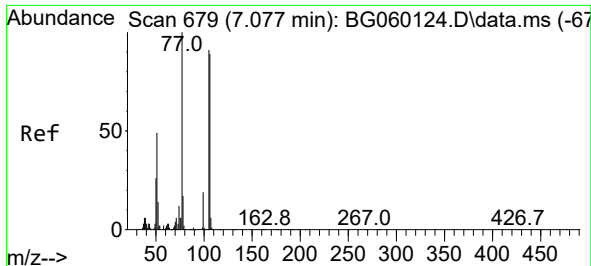
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#8
2-Chlorophenol
Concen: 45.646 ng
RT: 7.506 min Scan# 752
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:128 Resp: 801167
Ion Ratio Lower Upper
128 100
130 31.7 10.4 50.4
64 57.0 39.3 79.3





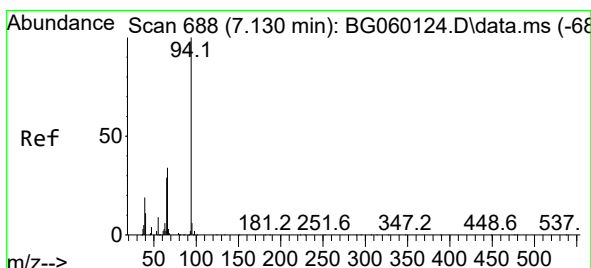
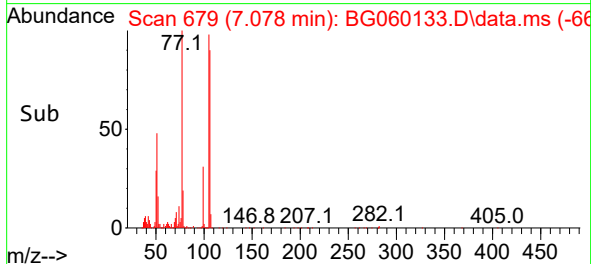
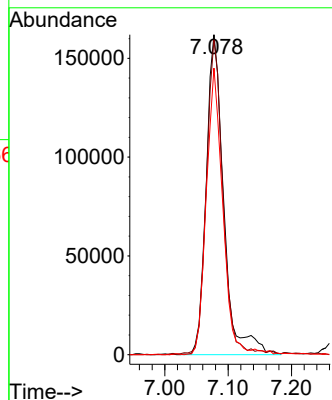
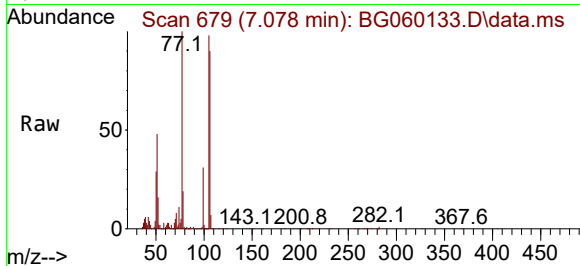
#9
Benzaldehyde
Concen: 21.025 ng m
RT: 7.078 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :
BNA_G
ClientSampleId :
PB157953BS

Tgt Ion: 77 Resp: 310940
Ion Ratio Lower Upper
77 100
105 98.4 71.4 111.4
106 89.6 68.8 108.8

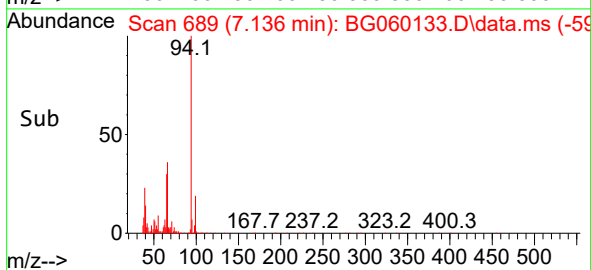
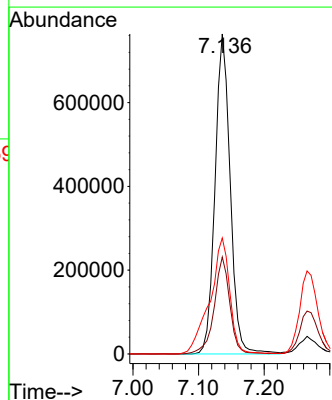
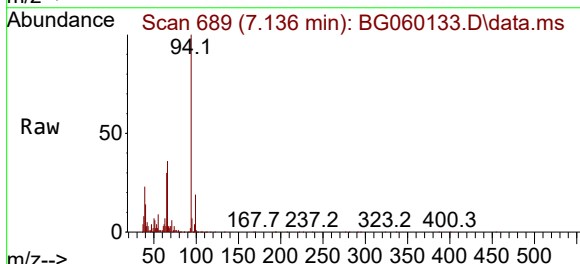
Manual Integrations
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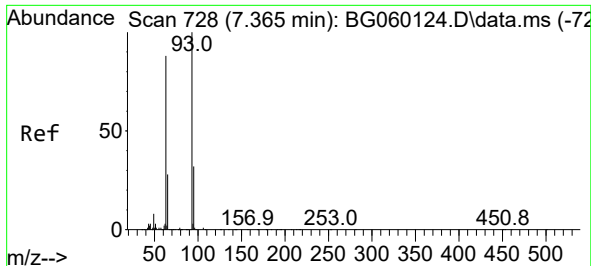
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#10
Phenol
Concen: 45.948 ng
RT: 7.136 min Scan# 689
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 94 Resp: 1223932
Ion Ratio Lower Upper
94 100
65 30.3 9.7 49.7
66 36.3 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 38.488 ng
RT: 7.360 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

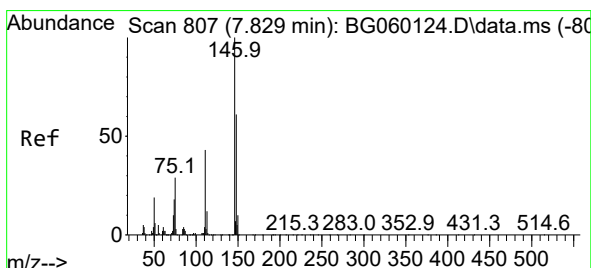
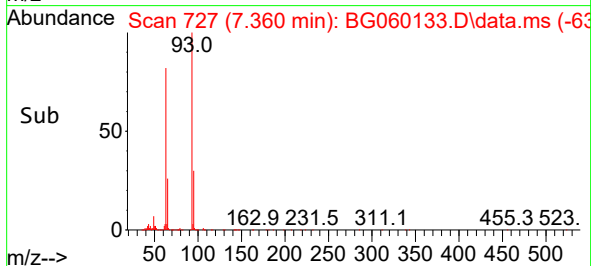
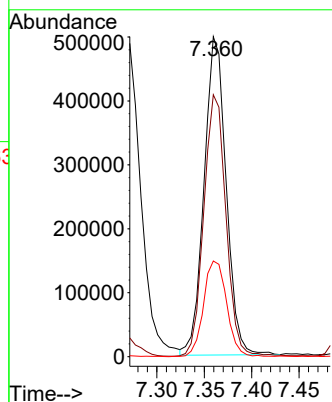
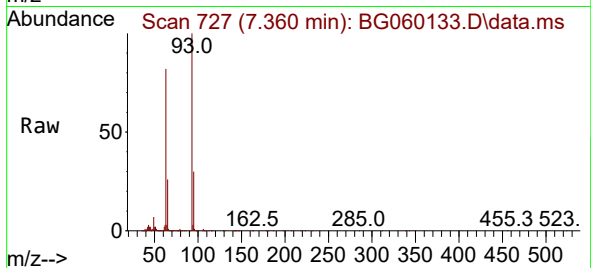
ClientSampleId :

PB157953BS

Tgt Ion: 93 Resp: 804859
Ion Ratio Lower Upper
93 100
63 81.9 66.4 106.4
95 29.9 11.2 51.2

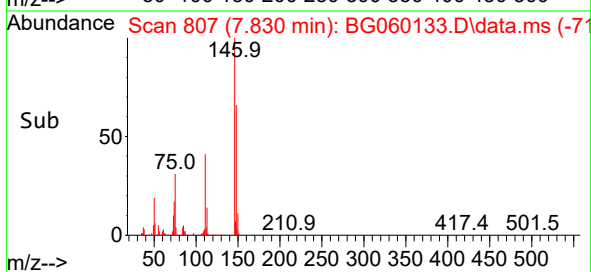
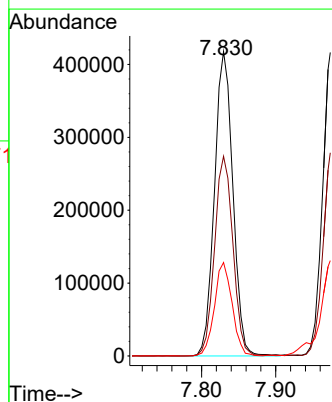
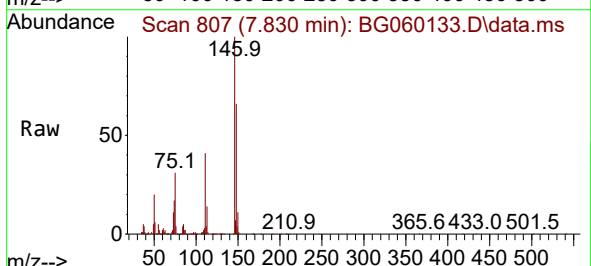
Manual Integrations
APPROVED

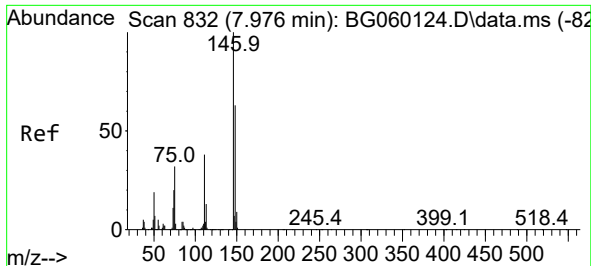
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#12
1,3-Dichlorobenzene
Concen: 36.680 ng
RT: 7.830 min Scan# 807
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:146 Resp: 719531
Ion Ratio Lower Upper
146 100
148 65.6 48.7 73.1
75 30.7 23.4 35.2





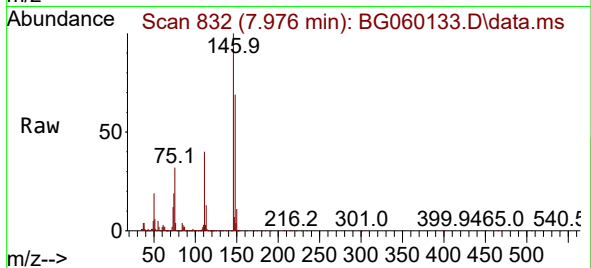
#13
1,4-Dichlorobenzene
Concen: 37.019 ng
RT: 7.976 min Scan# 832
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

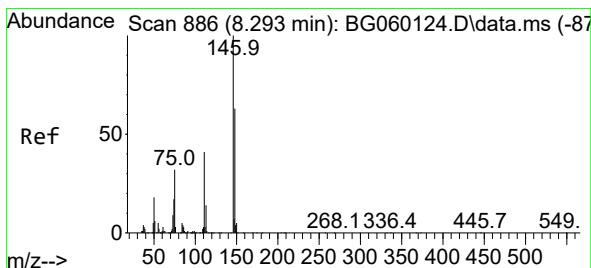
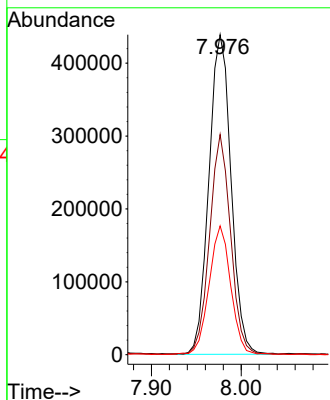
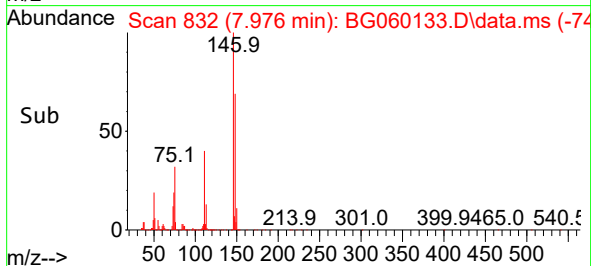


Tgt Ion:146 Resp: 751145
Ion Ratio Lower Upper
146 100
148 68.8 50.3 75.5
111 40.2 30.6 46.0

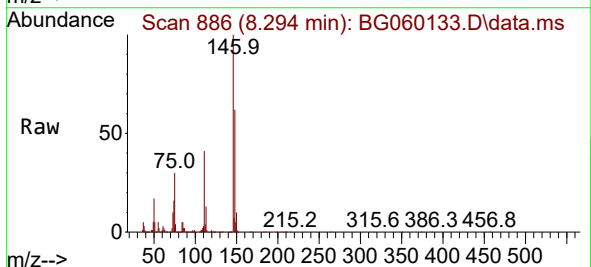
Manual Integrations

APPROVED

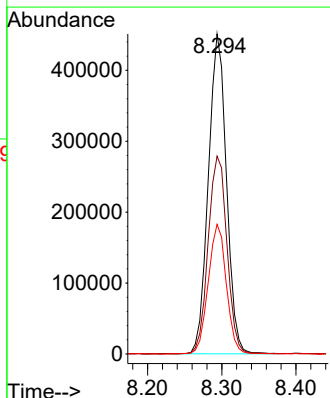
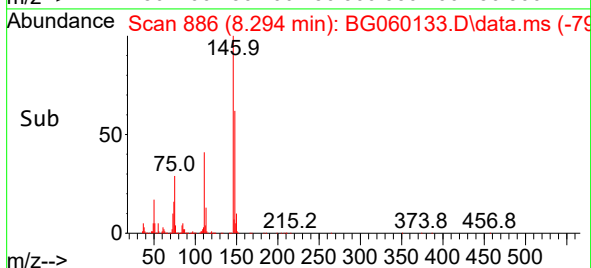
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

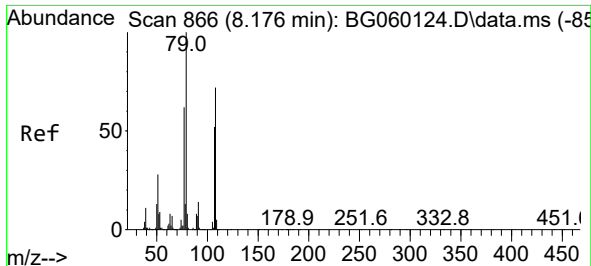


#14
1,2-Dichlorobenzene
Concen: 37.482 ng
RT: 8.294 min Scan# 886
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



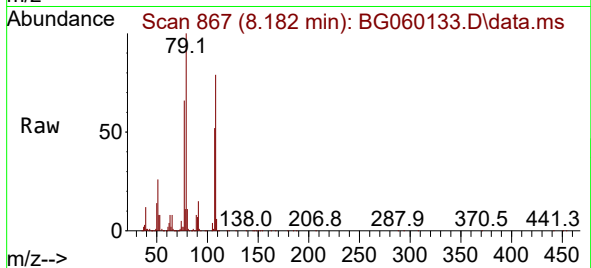
Tgt Ion:146 Resp: 765852
Ion Ratio Lower Upper
146 100
148 61.8 50.6 76.0
111 40.5 32.9 49.3





#15
Benzyl Alcohol
Concen: 42.433 ng
RT: 8.182 min Scan# 866
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

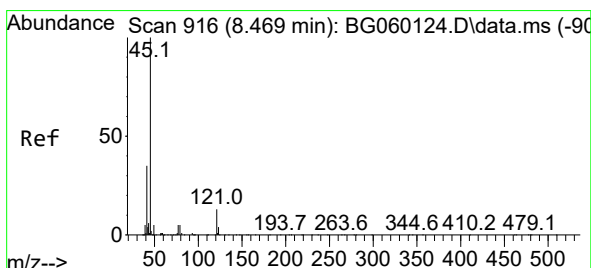
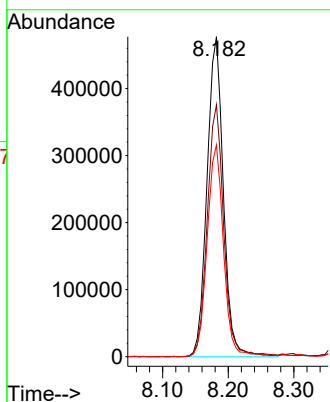
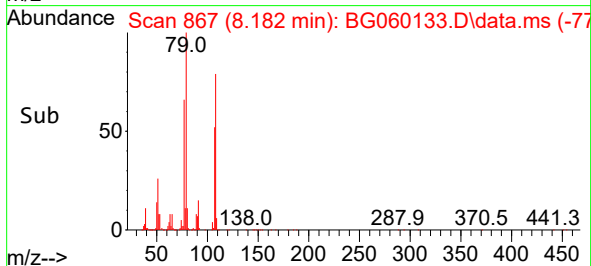
Instrument :
BNA_G
ClientSampleId :
PB157953BS



Tgt Ion: 79 Resp: 830394
Ion Ratio Lower Upper
79 100
108 78.7 57.5 86.3
77 66.1 49.3 73.9

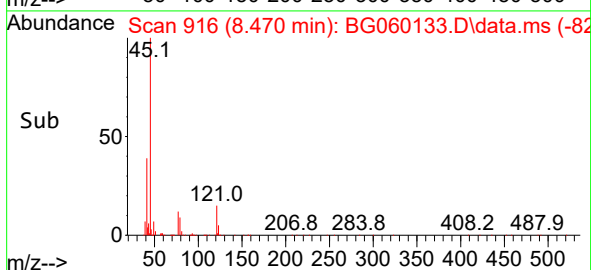
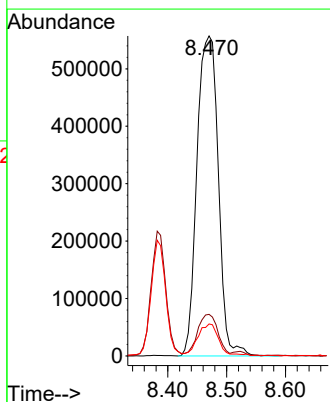
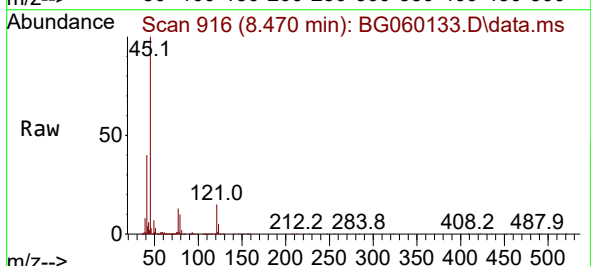
Manual Integrations
APPROVED

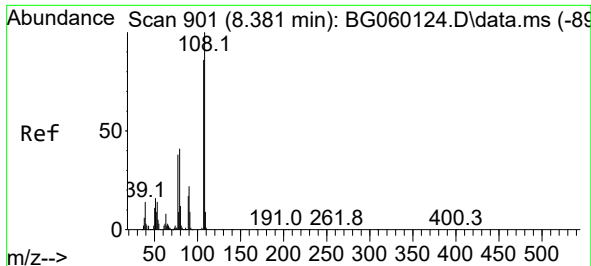
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.083 ng
RT: 8.470 min Scan# 916
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 45 Resp: 1403601
Ion Ratio Lower Upper
45 100
77 13.0 0.0 30.3
79 10.0 0.0 29.0





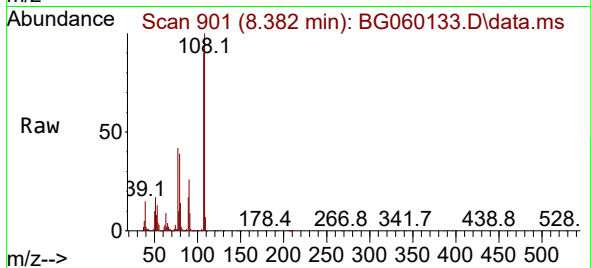
#17
2-Methylphenol
Concen: 44.076 ng
RT: 8.382 min Scan# 901
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

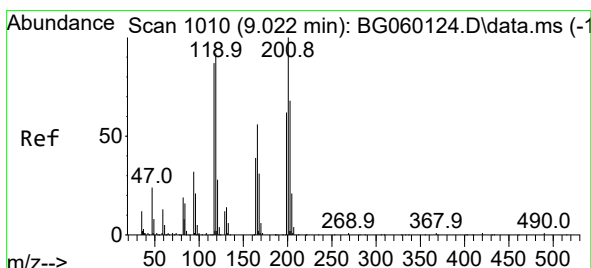
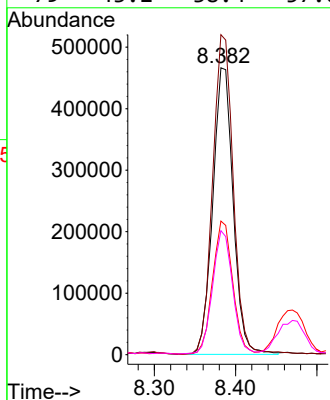
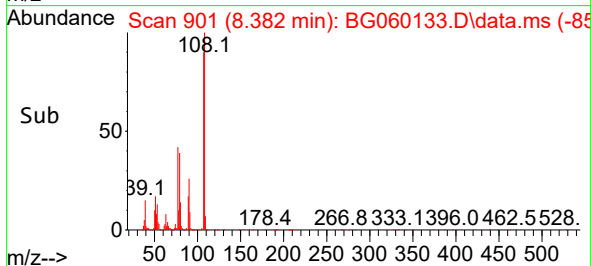


Tgt Ion:107 Resp: 81462
Ion Ratio Lower Upper
107 100
108 111.6 93.2 139.8
77 46.6 35.8 53.6
79 43.2 38.4 57.6

Manual Integrations

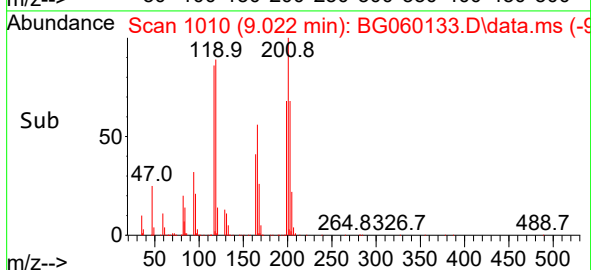
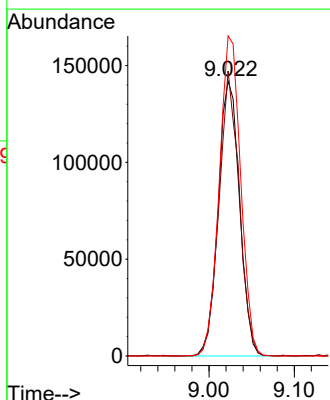
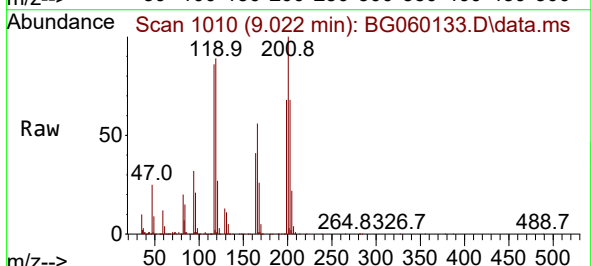
APPROVED

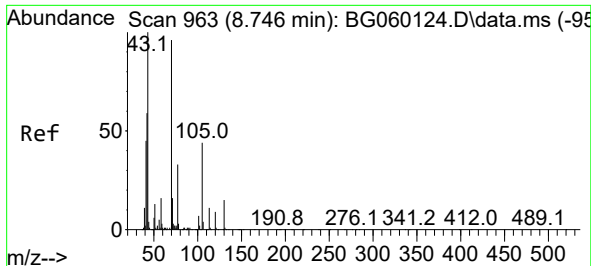
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#18
Hexachloroethane
Concen: 36.713 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:117 Resp: 247224
Ion Ratio Lower Upper
117 100
119 103.7 85.1 127.7
201 119.4 92.5 138.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.127 ng

RT: 8.746 min Scan# 90

Delta R.T. 0.001 min

Lab File: BG060133.D

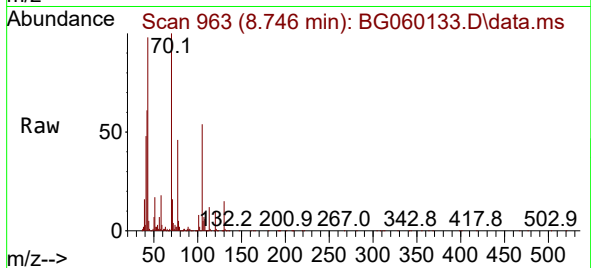
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



Tgt Ion: 70 Resp: 76960

Ion Ratio Lower Upper

70 100

42 61.4 49.6 74.4

101 8.1 6.2 9.4

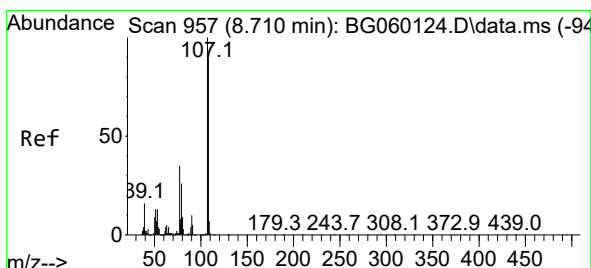
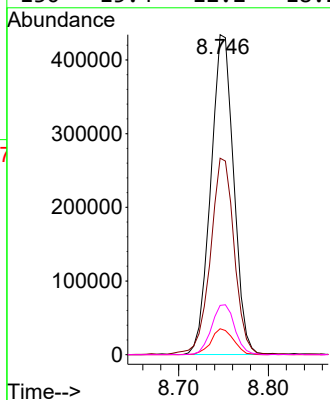
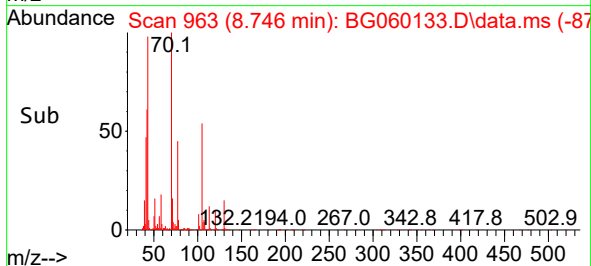
130 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#20

3+4-Methylphenols

Concen: 43.216 ng

RT: 8.717 min Scan# 958

Delta R.T. 0.006 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Tgt Ion:107 Resp: 1146669

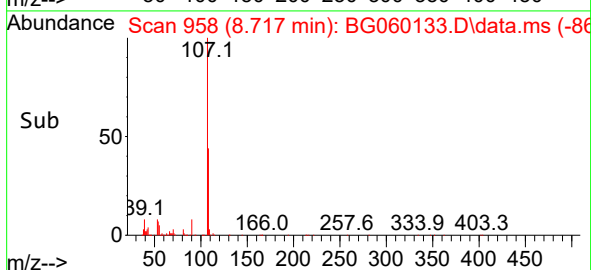
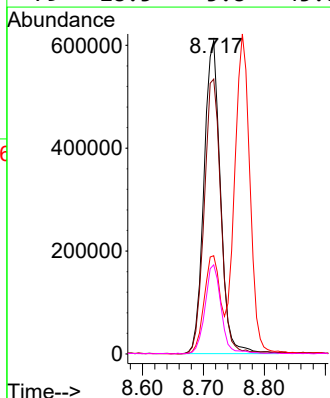
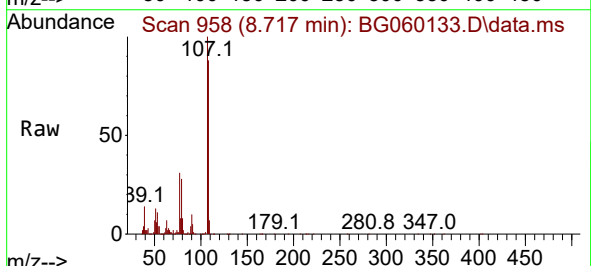
Ion Ratio Lower Upper

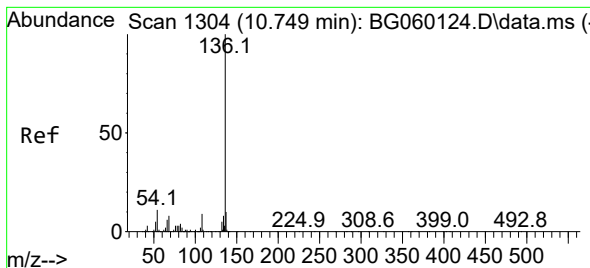
107 100

108 87.8 70.4 110.4

77 31.4 14.7 54.7

79 28.5 5.8 45.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1304
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

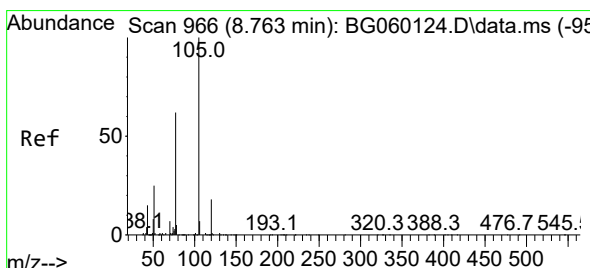
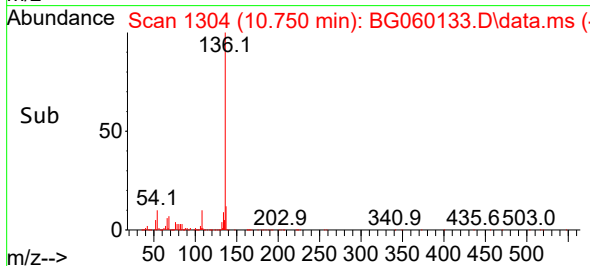
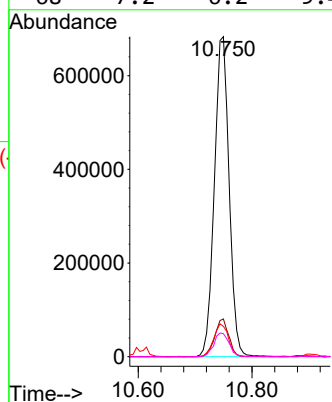
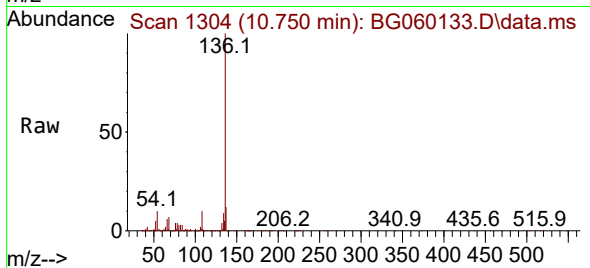
PB157953BS

Tgt Ion:136 Resp: 1224480
Ion Ratio Lower Upper
136 100
137 11.8 8.1 12.1
54 9.5 8.7 13.1
68 7.2 6.2 9.4

Manual Integrations

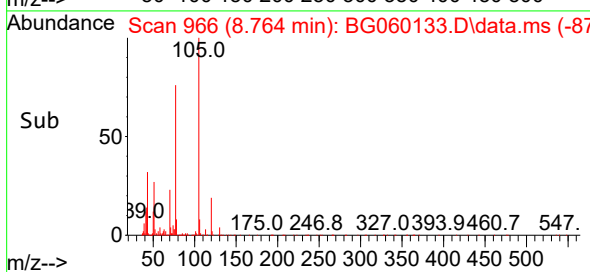
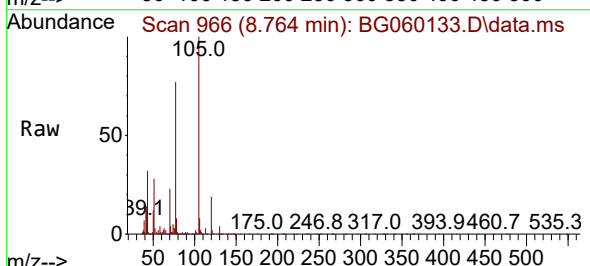
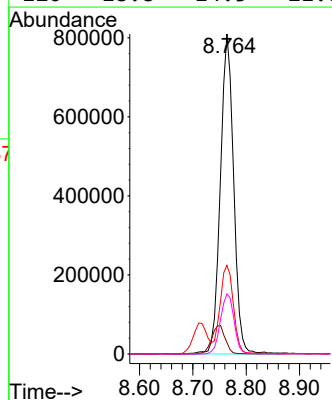
APPROVED

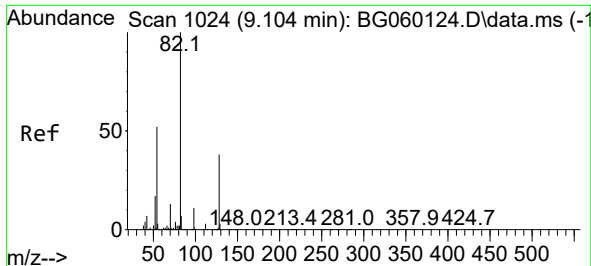
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#22
Acetophenone
Concen: 40.089 ng
RT: 8.764 min Scan# 966
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:105 Resp: 1400085
Ion Ratio Lower Upper
105 100
71 3.6 1.8 2.6
51 27.7 24.3 36.5
120 18.8 14.5 21.7





#23
Nitrobenzene-d5
Concen: 78.708 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNL_G

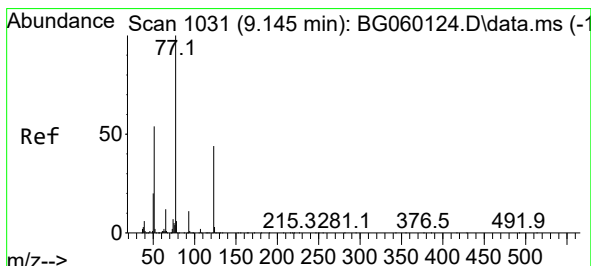
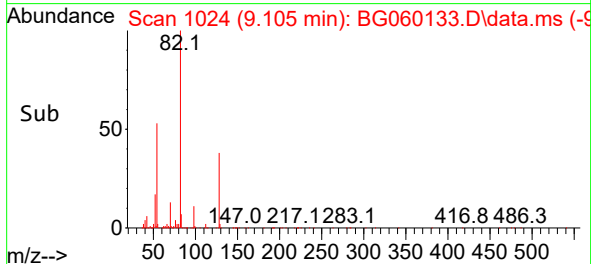
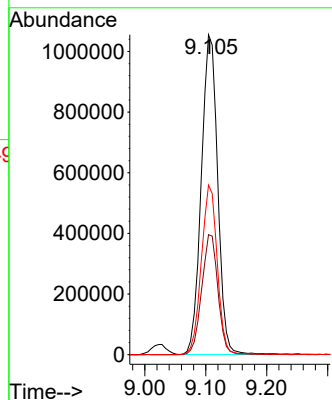
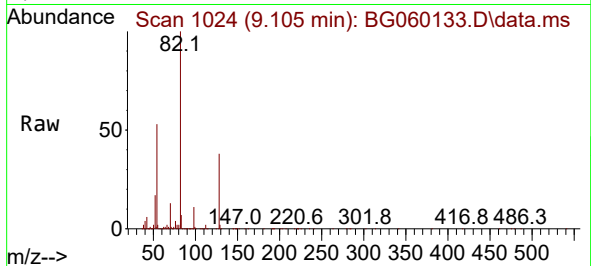
ClientSampleId :

PB157953BS

Tgt Ion: 82 Resp: 1967379
Ion Ratio Lower Upper
82 100
128 37.5 30.5 45.7
54 53.0 41.9 62.9

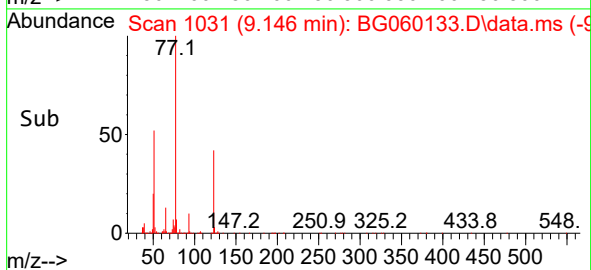
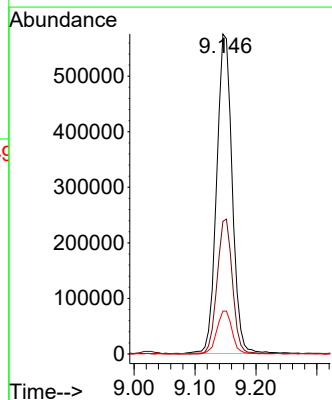
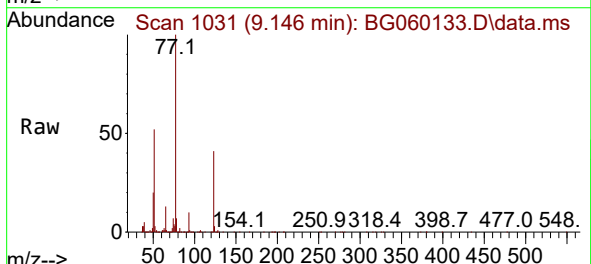
Manual Integrations
APPROVED

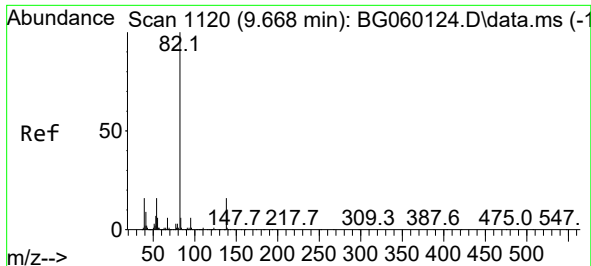
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#24
Nitrobenzene
Concen: 39.426 ng
RT: 9.146 min Scan# 1031
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 77 Resp: 1018379
Ion Ratio Lower Upper
77 100
123 41.5 35.3 52.9
65 13.4 9.8 14.6





#25
Isophorone
Concen: 35.544 ng
RT: 9.669 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

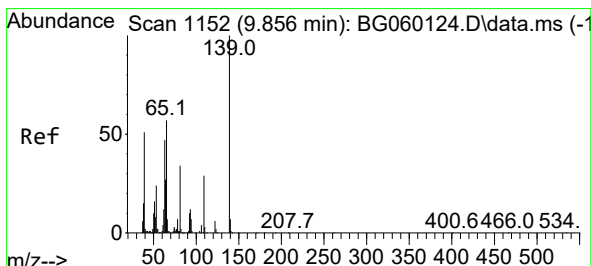
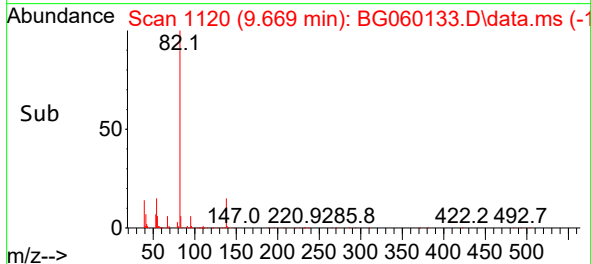
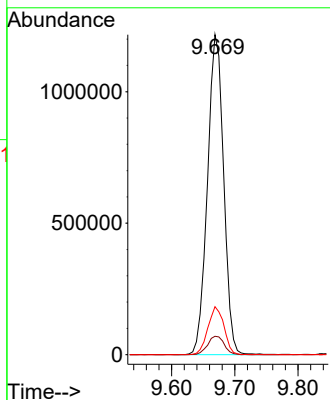
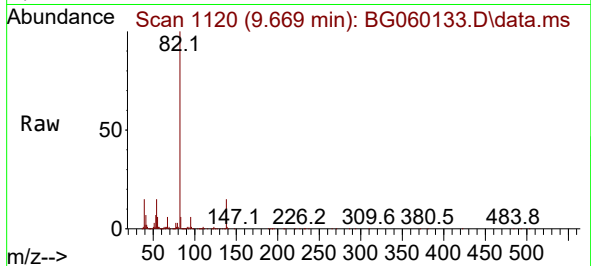
ClientSampleId :

PB157953BS

Tgt Ion: 82 Resp: 2165254
Ion Ratio Lower Upper
82 100
95 5.8 5.1 7.7
138 15.0 12.8 19.2

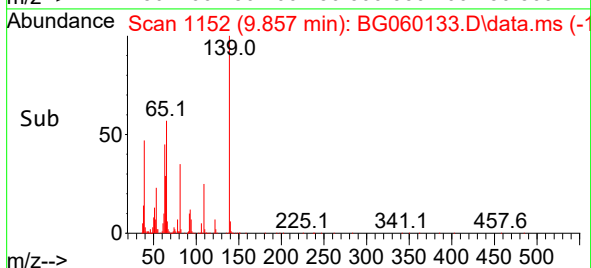
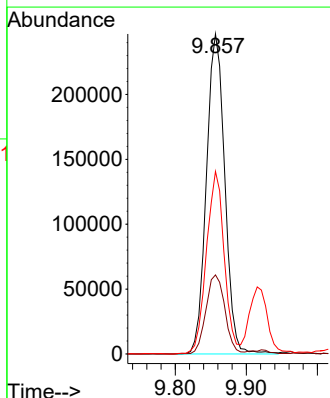
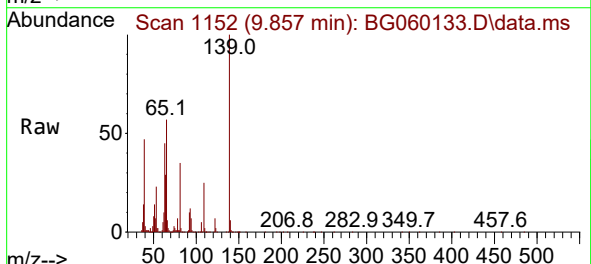
Manual Integrations
APPROVED

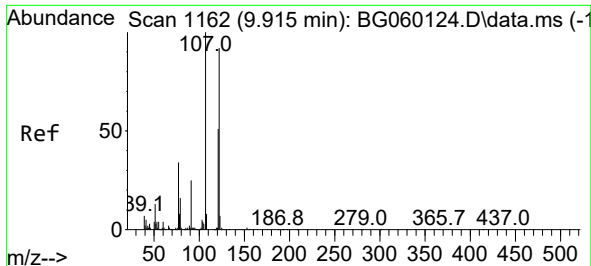
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#26
2-Nitrophenol
Concen: 43.352 ng
RT: 9.857 min Scan# 1152
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:139 Resp: 443555
Ion Ratio Lower Upper
139 100
109 24.7 23.0 34.6
65 57.1 45.8 68.8





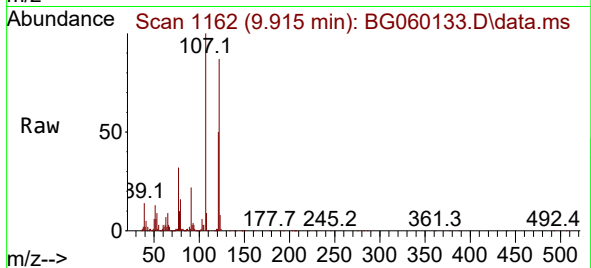
#27
2,4-Dimethylphenol
Concen: 63.103 ng
RT: 9.915 min Scan# 1162
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



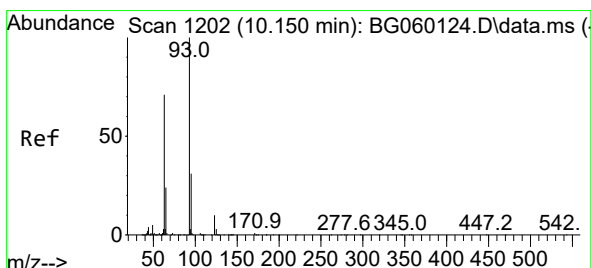
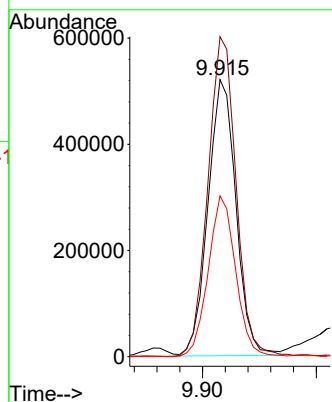
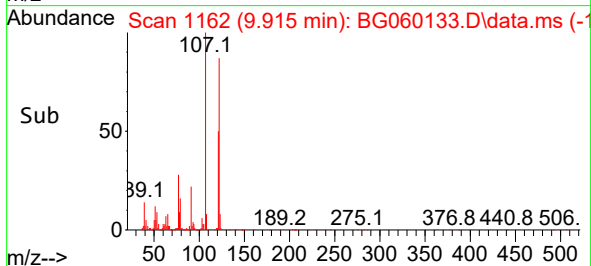
Tgt Ion:122 Resp: 88870
Ion Ratio Lower Upper
122 100
107 115.5 86.3 129.5
121 58.0 43.6 65.4

Manual Integrations

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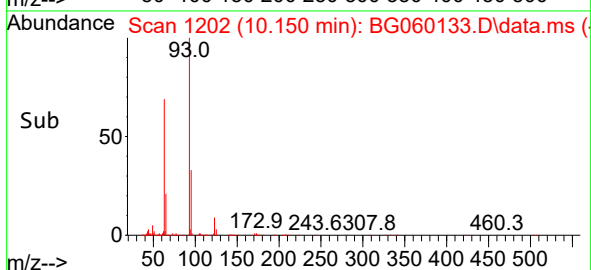
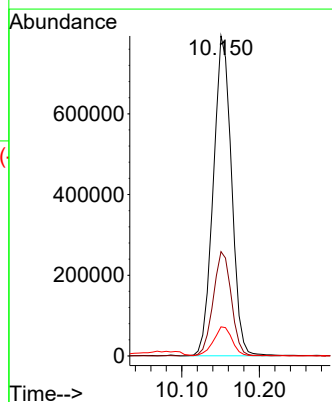
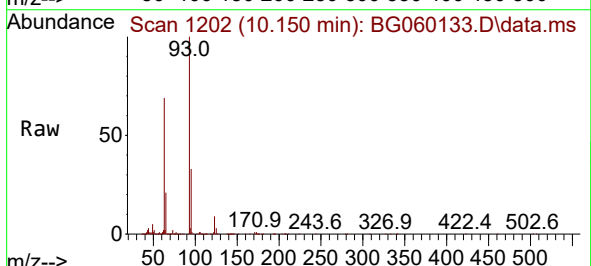
Reviewed By :Yogesh Patel 12/25/2023

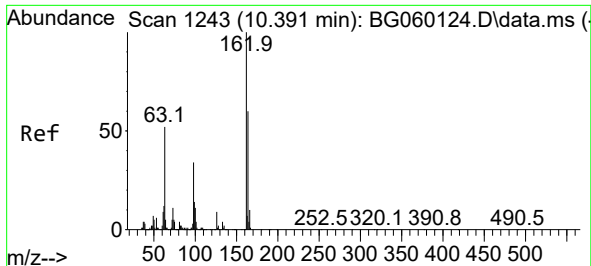
Supervised By :mohammad ahmed 12/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.484 ng
RT: 10.150 min Scan# 1202
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 93 Resp: 1294971
Ion Ratio Lower Upper
93 100
95 32.6 25.0 37.6
123 9.1 8.2 12.2





#29
2,4-Dichlorophenol
Concen: 46.982 ng
RT: 10.391 min Scan# 1243
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

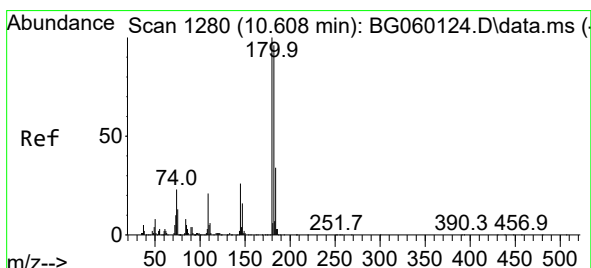
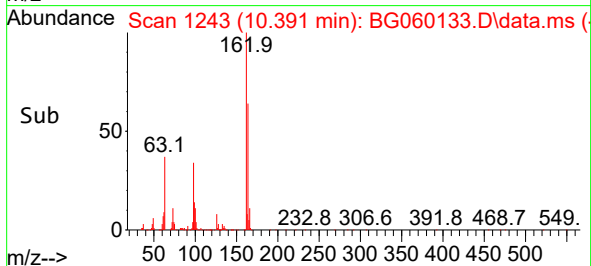
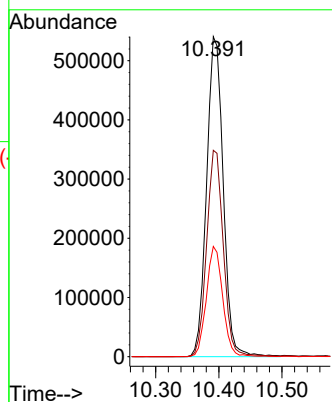
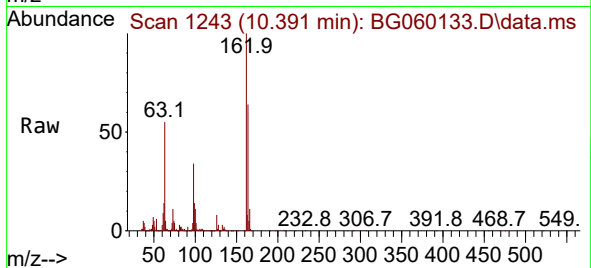
PB157953BS

Tgt Ion:162 Resp: 987080
Ion Ratio Lower Upper
162 100
164 64.5 39.5 79.5
98 34.5 14.6 54.6

Manual Integrations

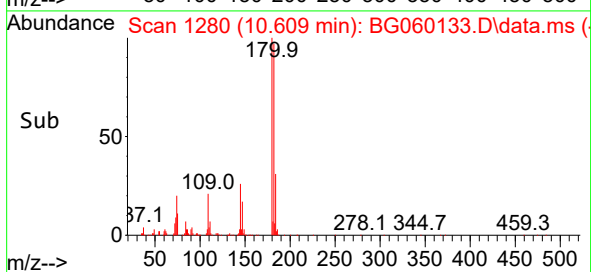
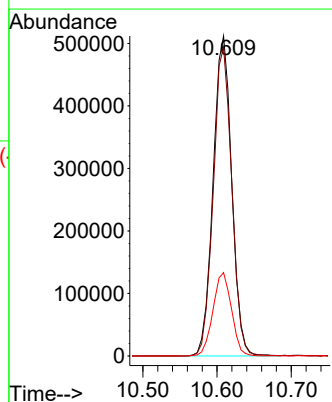
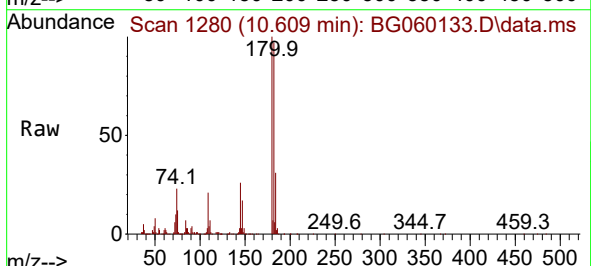
APPROVED

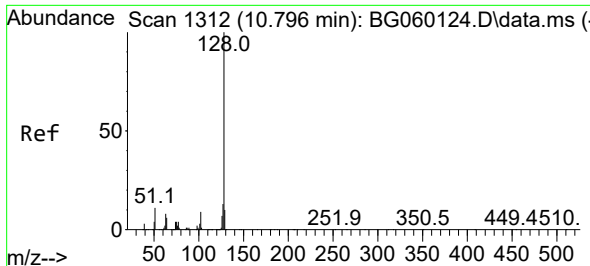
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 39.418 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:180 Resp: 889027
Ion Ratio Lower Upper
180 100
182 96.5 76.9 115.3
145 26.0 21.0 31.6





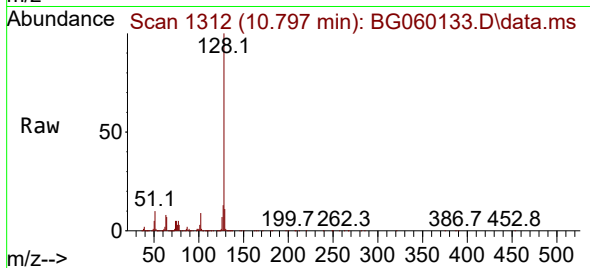
#31
Naphthalene
Concen: 38.166 ng
RT: 10.797 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



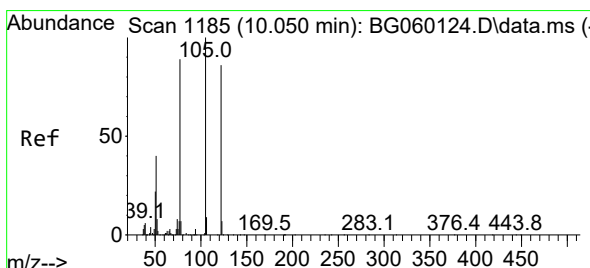
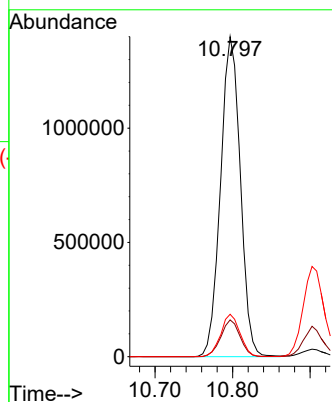
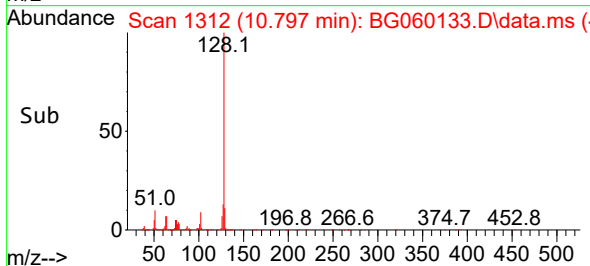
Tgt Ion:128 Resp: 2487840
Ion Ratio Lower Upper
128 100
129 11.5 7.8 11.8
127 13.3 10.3 15.5

Manual Integrations

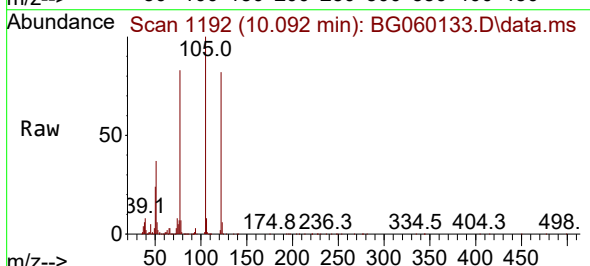
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

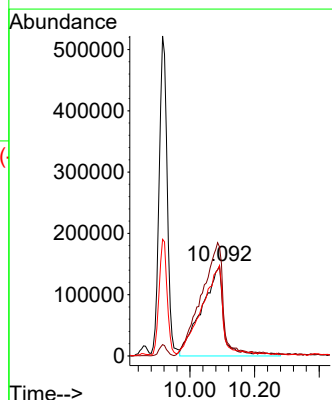
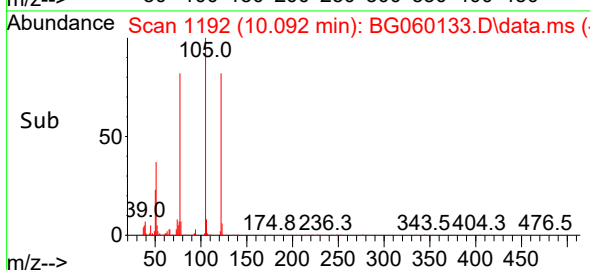
Supervised By :mohammad ahmed 12/25/2023

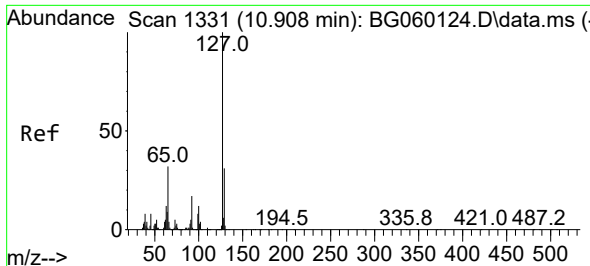


#32
Benzoic acid
Concen: 44.439 ng m
RT: 10.092 min Scan# 1192
Delta R.T. 0.042 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:122 Resp: 699938
Ion Ratio Lower Upper
122 100
105 121.4 93.2 133.2
77 100.7 81.7 121.7





#33
4-Chloroaniline
Concen: 26.785 ng
RT: 10.902 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

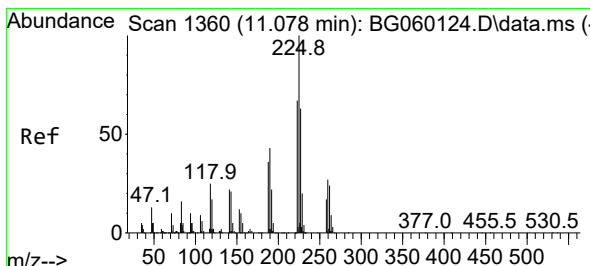
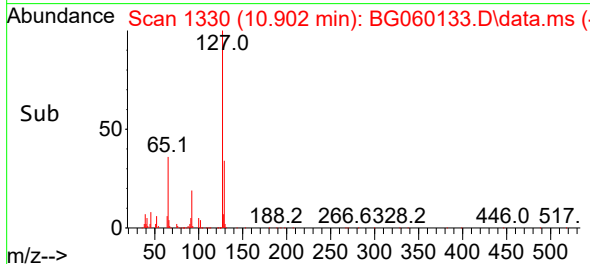
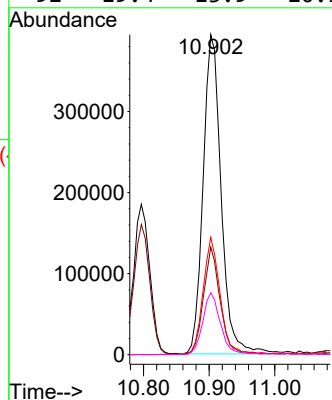
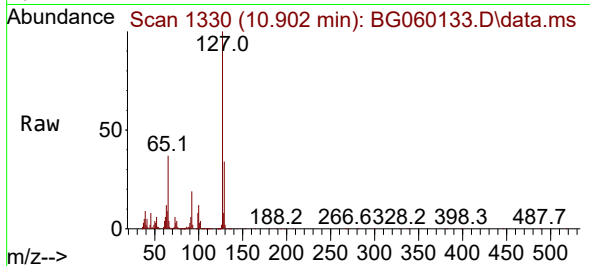
PB157953BS

Tgt Ion:127 Resp: 75460
Ion Ratio Lower Upper
127 100
129 33.6 24.6 36.8
65 36.6 25.7 38.5
92 19.4 13.9 20.9

Manual Integrations

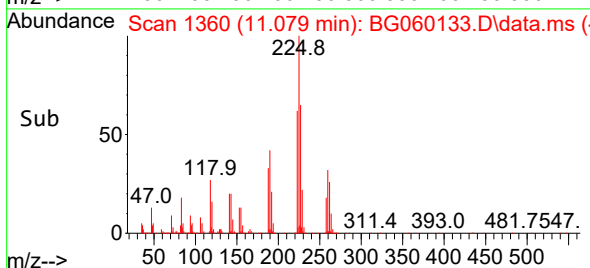
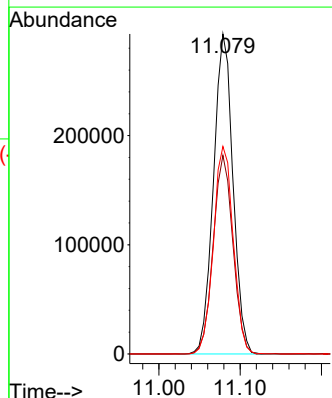
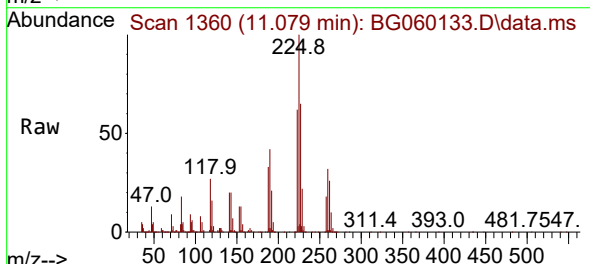
APPROVED

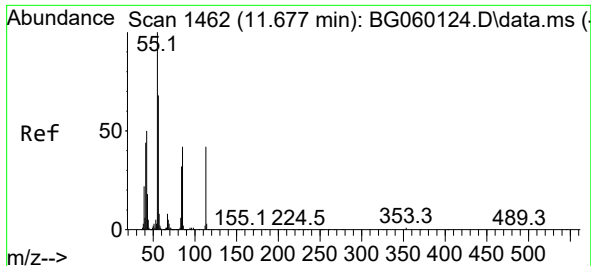
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#34
Hexachlorobutadiene
Concen: 38.771 ng
RT: 11.079 min Scan# 1360
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

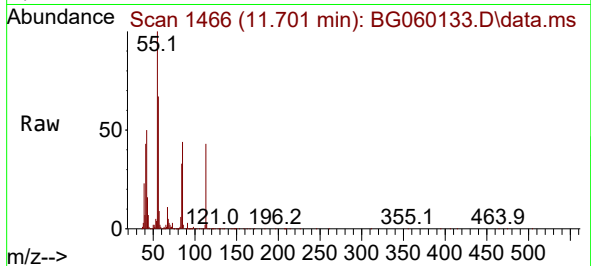
Tgt Ion:225 Resp: 488193
Ion Ratio Lower Upper
225 100
223 62.1 55.4 83.2
227 67.4 50.2 75.2





#35
Caprolactam
Concen: 32.746 ng m
RT: 11.701 min Scan# 1466
Delta R.T. 0.024 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

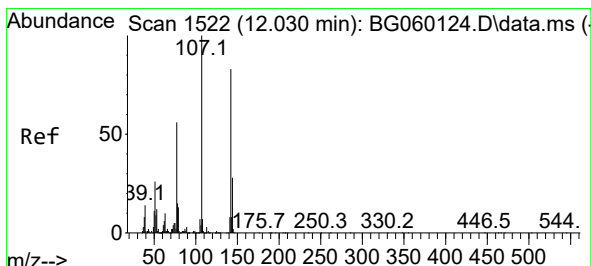
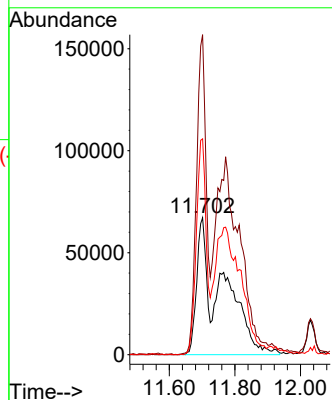
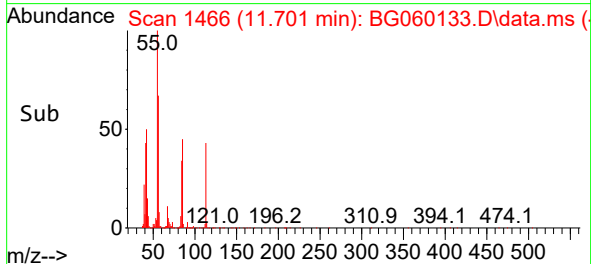
Instrument :
BNA_G
ClientSampleId :
PB157953BS



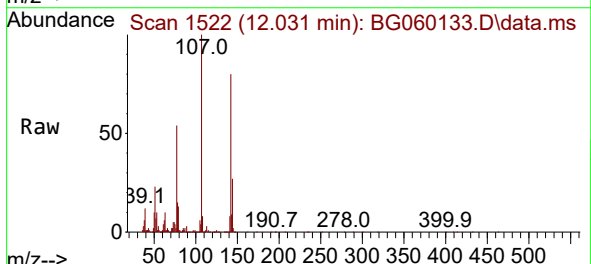
Tgt Ion:113 Resp: 35939
Ion Ratio Lower Upper
113 100
55 233.7 219.6 259.6
56 157.6 142.8 182.8

Manual Integrations
APPROVED

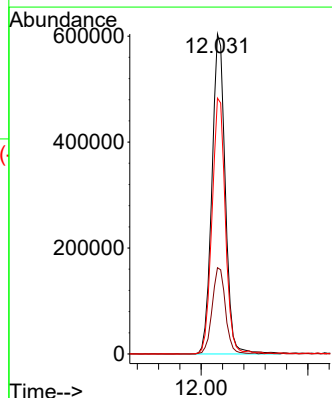
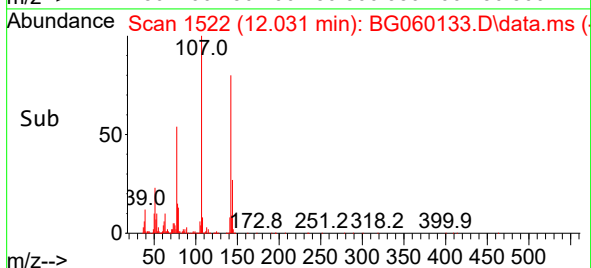
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

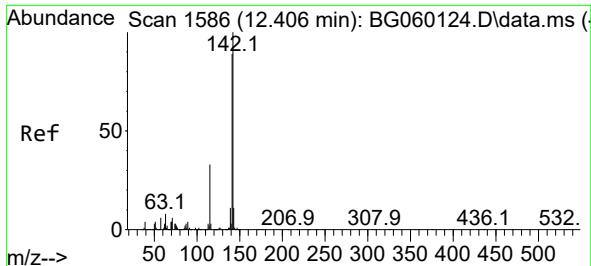


#36
4-Chloro-3-methylphenol
Concen: 41.785 ng
RT: 12.031 min Scan# 1522
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:107 Resp: 1048707
Ion Ratio Lower Upper
107 100
144 26.9 22.6 34.0
142 80.0 66.6 99.8





#37

2-Methylnaphthalene

Concen: 38.516 ng

RT: 12.407 min Scan# 1586

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Tgt Ion:142 Resp: 1948504

Ion Ratio Lower Upper

142 100

141 91.0 71.5 107.3

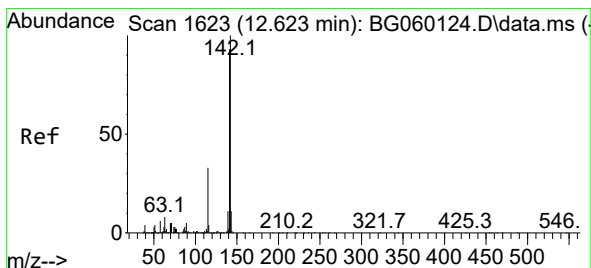
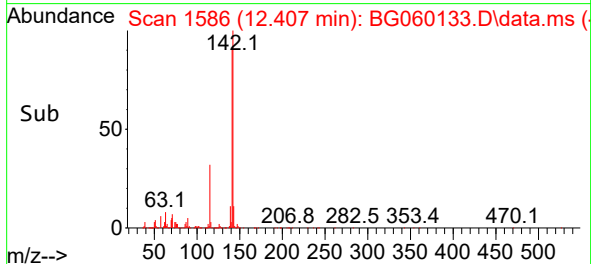
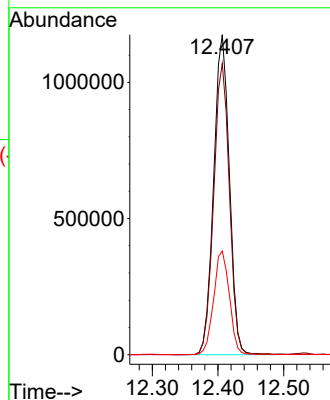
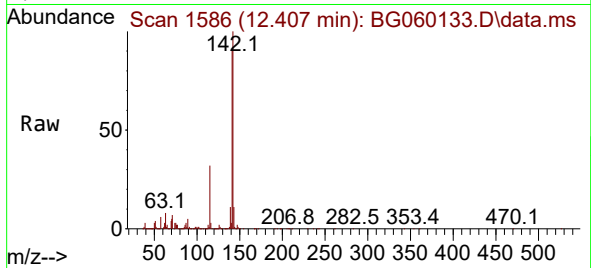
115 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#38

1-Methylnaphthalene

Concen: 36.768 ng

RT: 12.624 min Scan# 1623

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

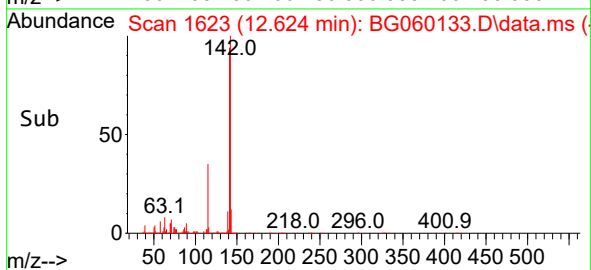
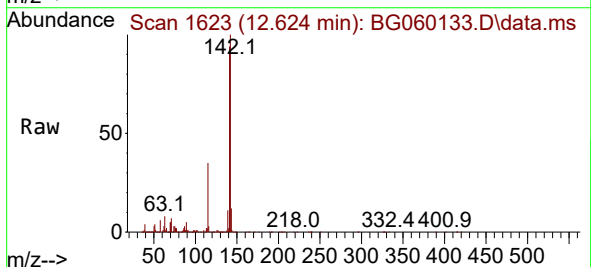
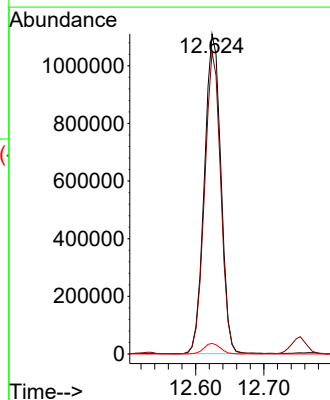
Tgt Ion:142 Resp: 1867209

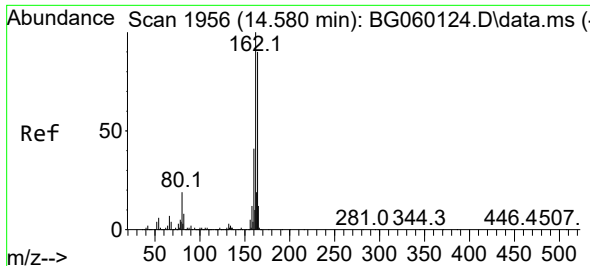
Ion Ratio Lower Upper

142 100

141 94.4 74.4 111.6

116 3.3 2.9 4.3





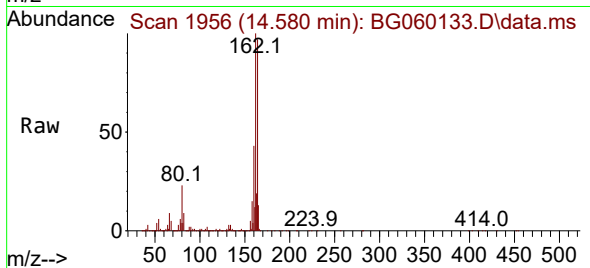
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

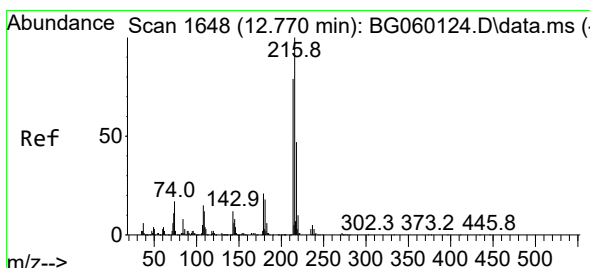
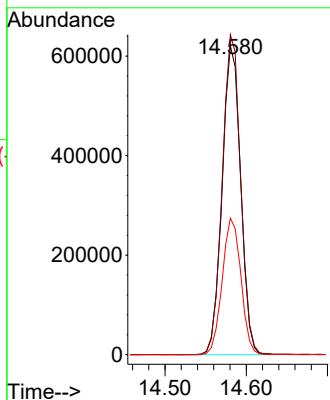
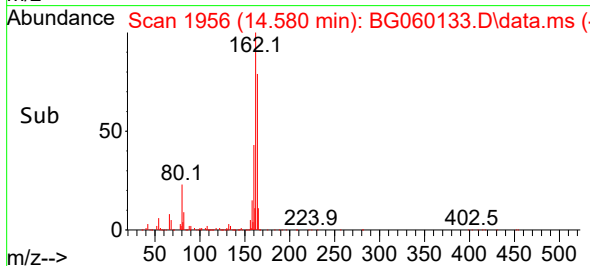


Tgt Ion:164 Resp: 981919
Ion Ratio Lower Upper
164 100
162 103.6 88.5 132.7
160 44.2 36.2 54.2

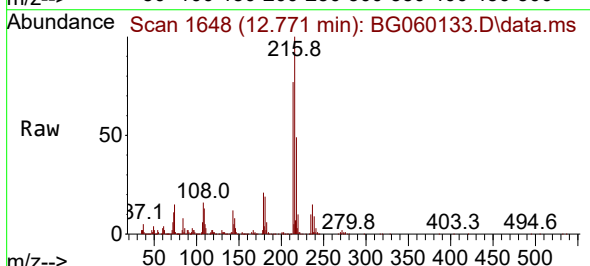
Manual Integrations

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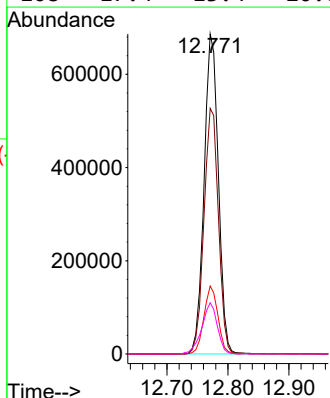
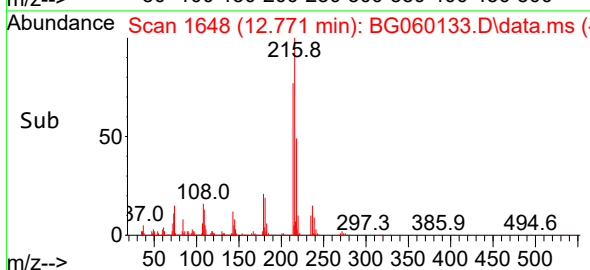
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

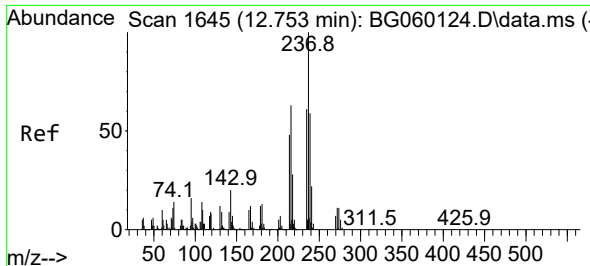


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.480 ng
RT: 12.771 min Scan# 1648
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:216 Resp: 1118007
Ion Ratio Lower Upper
216 100
214 77.8 63.3 94.9
179 20.7 16.4 24.6
108 17.4 13.4 20.0





#41
Hexachlorocyclopentadiene
Concen: 104.191 ng
RT: 12.753 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

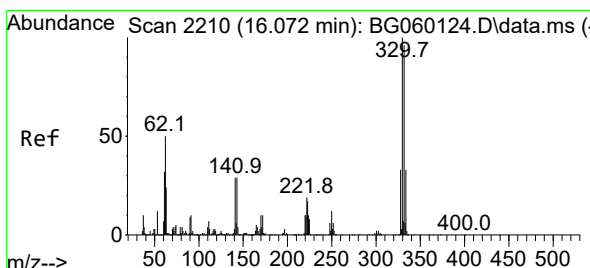
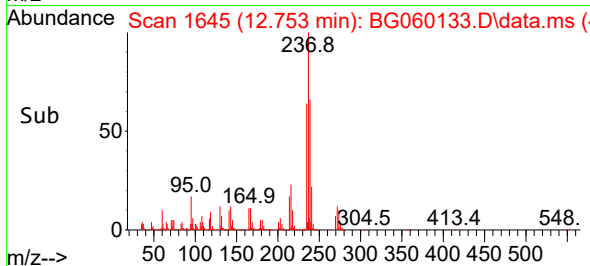
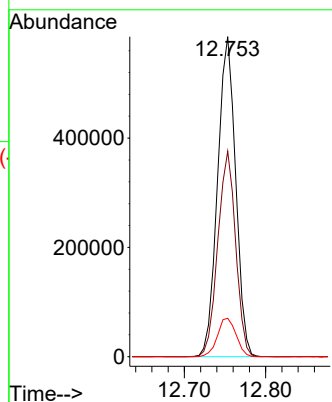
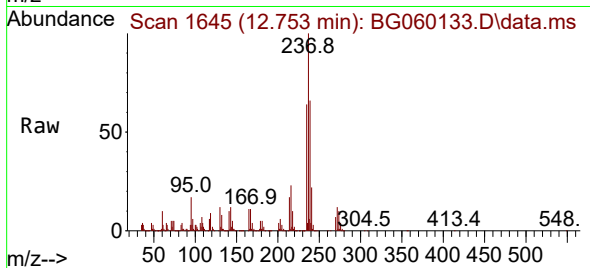
PB157953BS

Tgt Ion:237 Resp: 906308
Ion Ratio Lower Upper
237 100
235 64.2 40.9 80.9
272 12.0 0.0 31.0

Manual Integrations

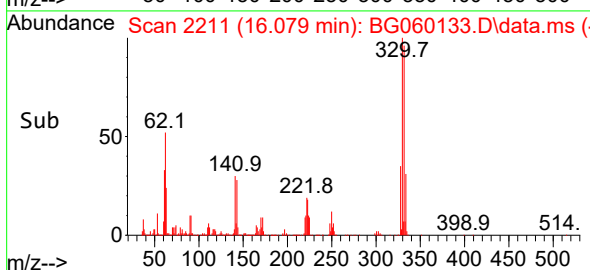
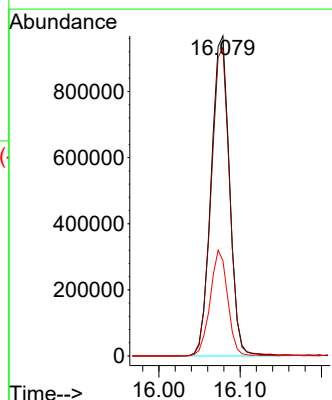
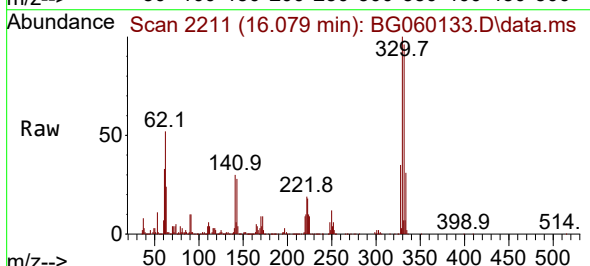
APPROVED

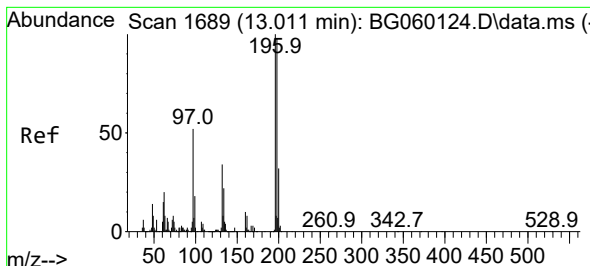
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 114.882 ng
RT: 16.079 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

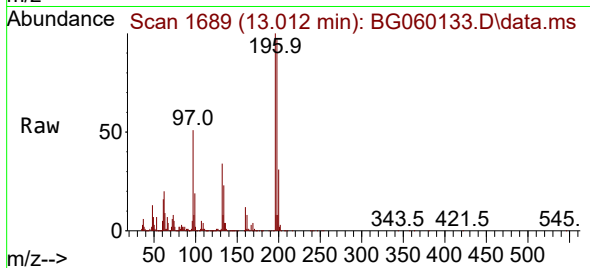
Tgt Ion:330 Resp: 1518836
Ion Ratio Lower Upper
330 100
332 97.4 75.5 113.3
141 31.6 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 13.012 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

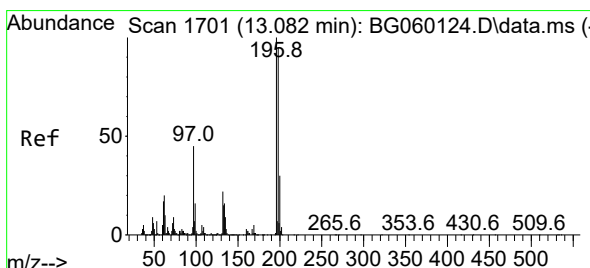
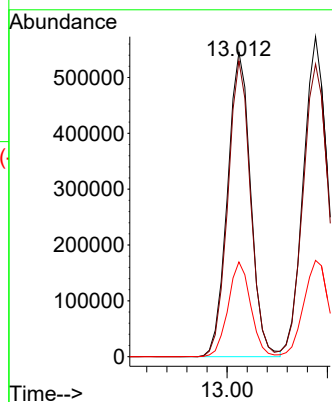
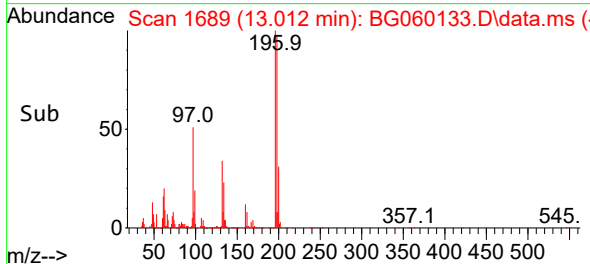
Instrument :
BNA_G
ClientSampleId :
PB157953BS



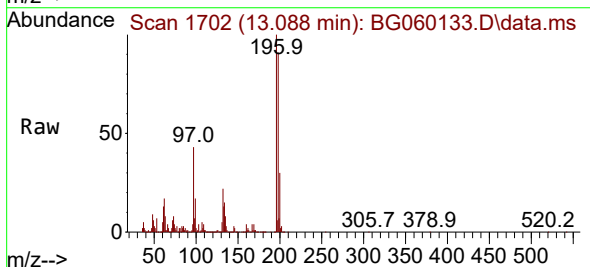
Tgt Ion:196 Resp: 87404
Ion Ratio Lower Upper
196 100
198 97.2 78.2 117.2
200 31.1 25.7 38.5

Manual Integrations
APPROVED

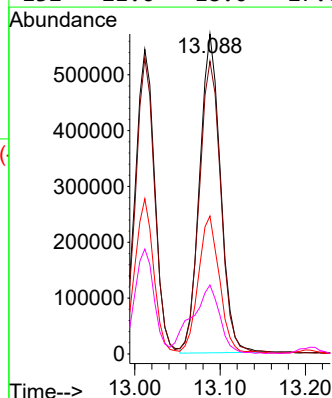
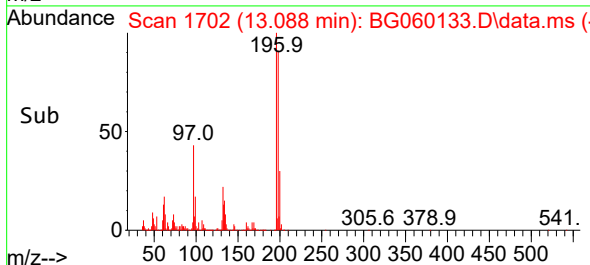
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

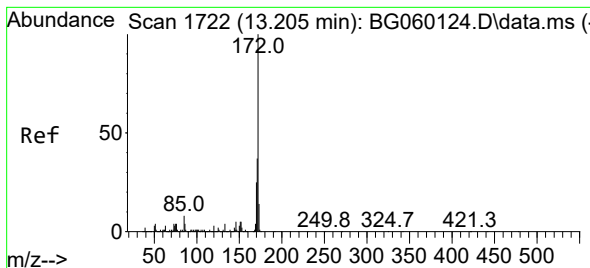


#44
2,4,5-Trichlorophenol
Concen: 44.569 ng
RT: 13.088 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:196 Resp: 969569
Ion Ratio Lower Upper
196 100
198 91.5 76.2 114.4
97 43.1 36.5 54.7
132 21.6 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 70.272 ng

RT: 13.206 min Scan# 1722

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Tgt Ion:172 Resp: 459535

Ion Ratio Lower Upper

172 100

171 45.7 29.2 43.8

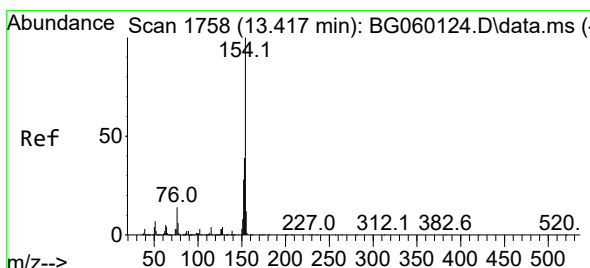
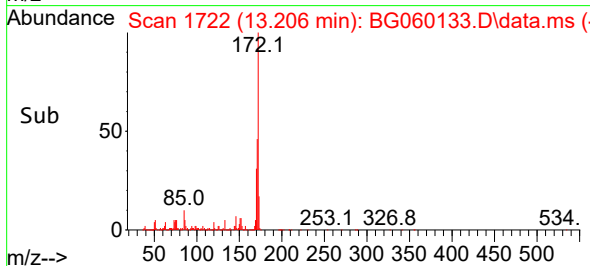
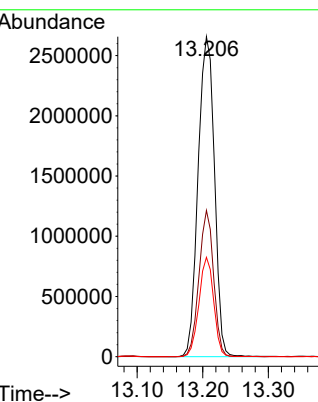
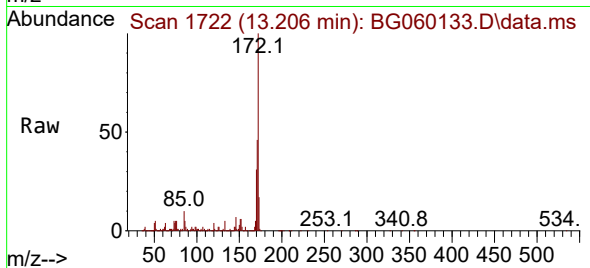
170 31.0 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#46

1,1'-Biphenyl

Concen: 39.733 ng

RT: 13.417 min Scan# 1758

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

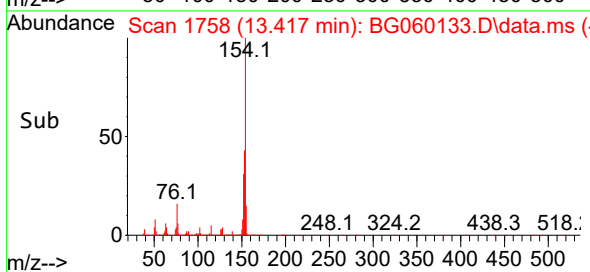
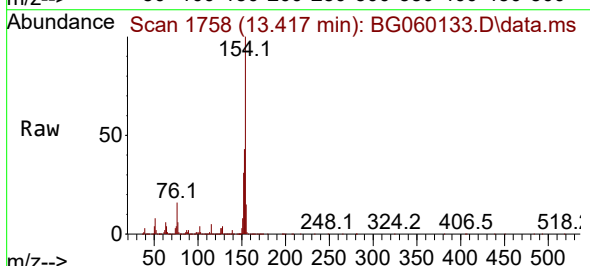
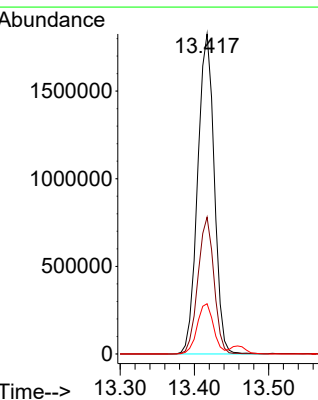
Tgt Ion:154 Resp: 2834900

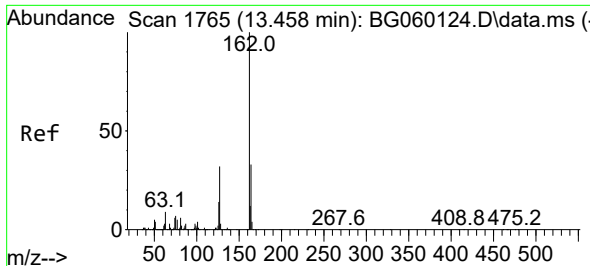
Ion Ratio Lower Upper

154 100

153 42.8 19.4 59.4

76 15.7 0.0 34.1





#47
2-Chloronaphthalene
Concen: 39.533 ng
RT: 13.458 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

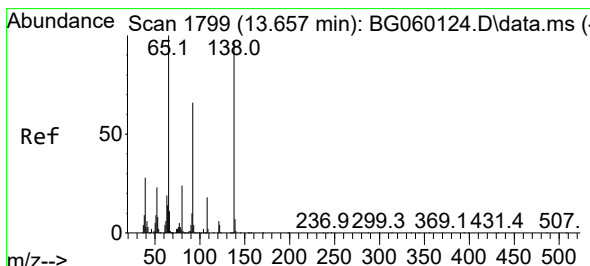
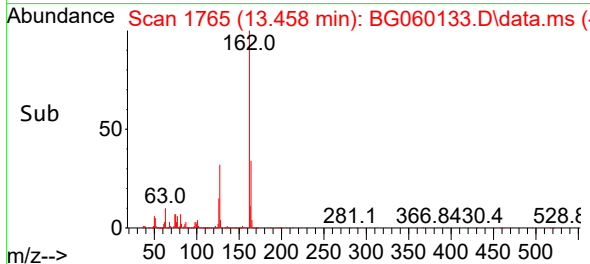
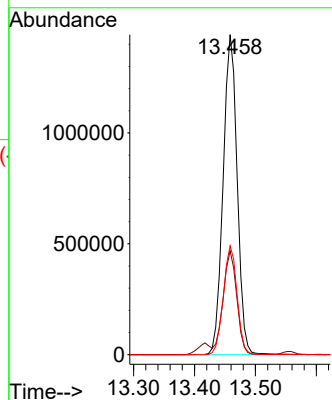
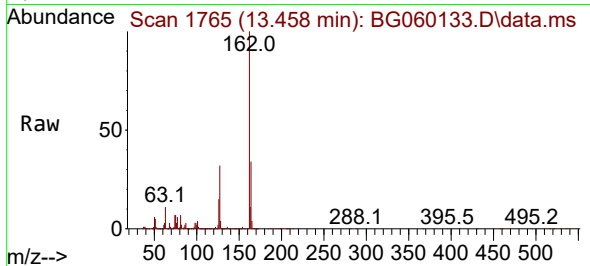
ClientSampleId :

PB157953BS

Tgt Ion:162 Resp: 231274
Ion Ratio Lower Upper
162 100
127 32.5 25.5 38.3
164 34.0 26.2 39.4

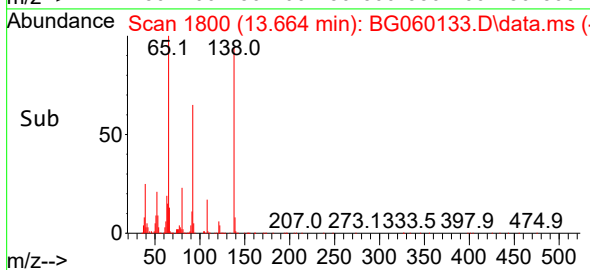
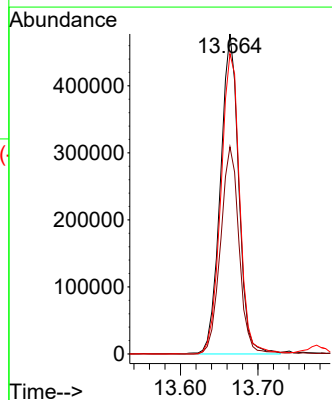
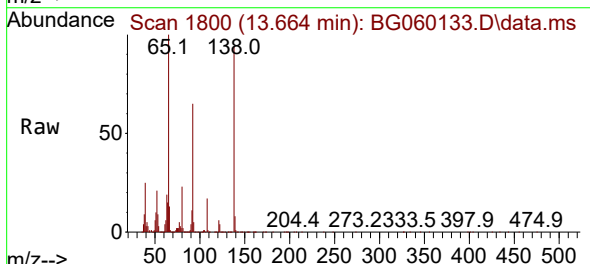
Manual Integrations
APPROVED

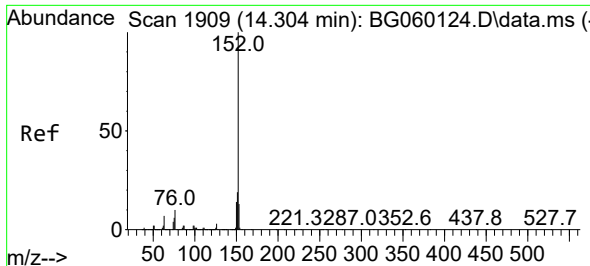
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#48
2-Nitroaniline
Concen: 41.251 ng
RT: 13.664 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion: 65 Resp: 787377
Ion Ratio Lower Upper
65 100
92 64.8 52.6 78.8
138 93.8 77.4 116.0





#49
Acenaphthylene
Concen: 39.138 ng
RT: 14.304 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

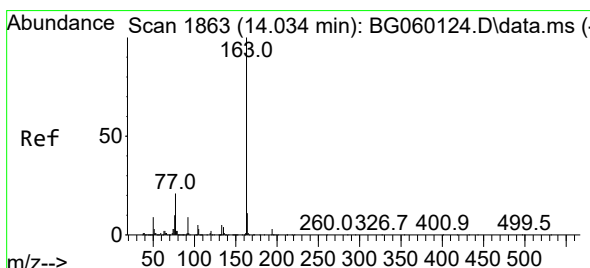
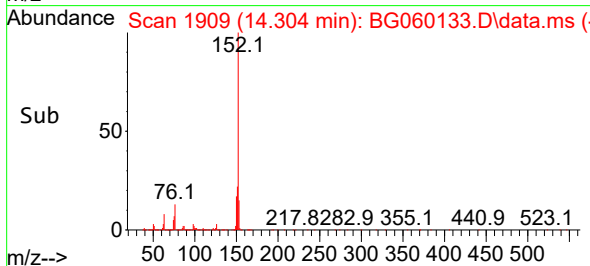
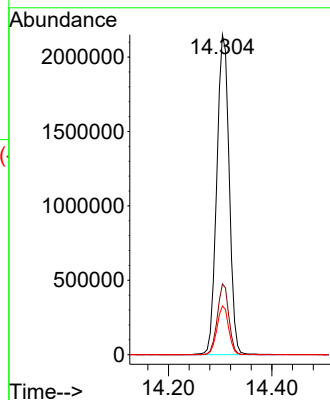
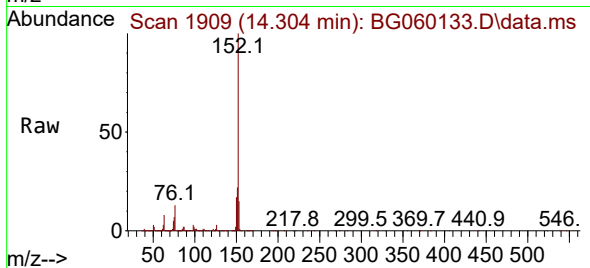
PB157953BS

Tgt Ion:152 Resp: 3578918
Ion Ratio Lower Upper
152 100
151 22.1 15.3 22.9
153 15.2 10.7 16.1

Manual Integrations

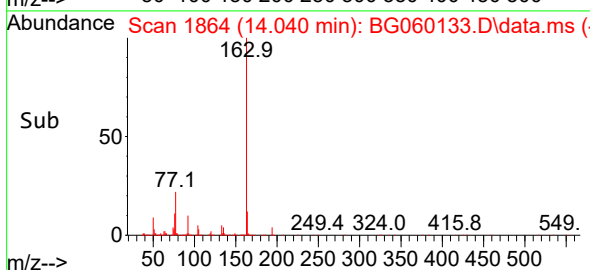
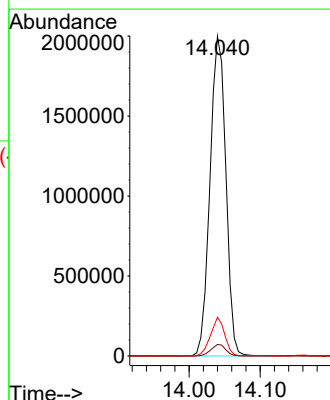
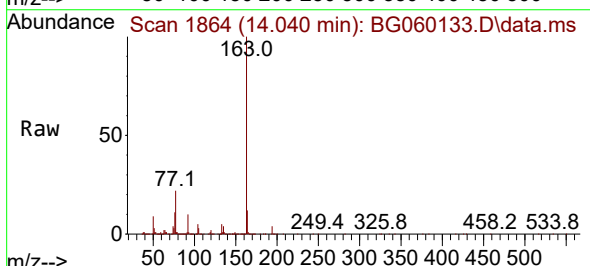
APPROVED

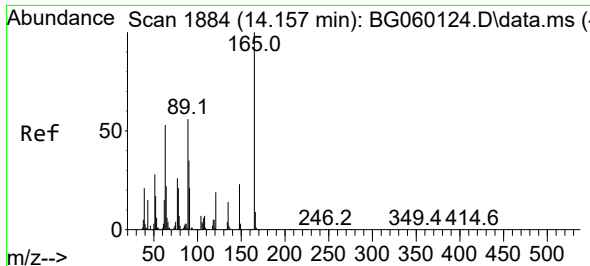
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#50
Dimethylphthalate
Concen: 35.877 ng
RT: 14.040 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:163 Resp: 3098535
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6
164 12.1 9.0 13.6





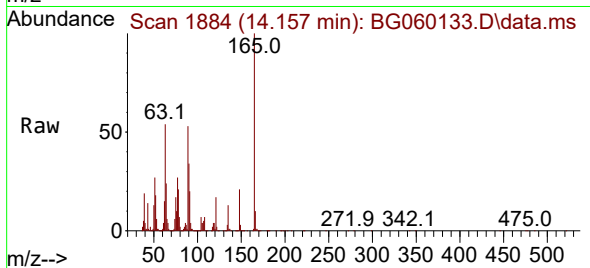
#51
2,6-Dinitrotoluene
Concen: 40.783 ng
RT: 14.157 min Scan# 1884
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

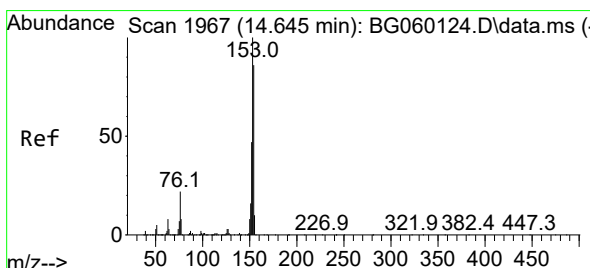
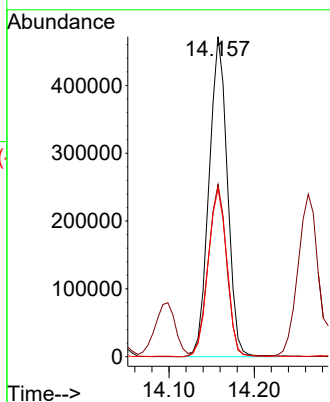
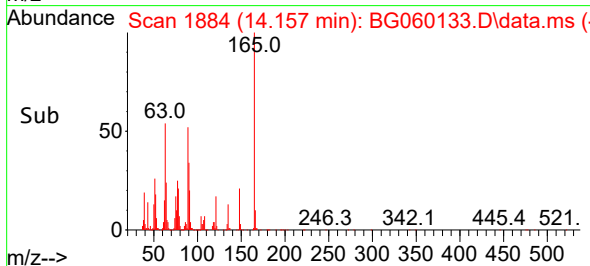


Tgt Ion:165 Resp: 70456
Ion Ratio Lower Upper
165 100
63 53.8 45.4 68.2
89 52.5 44.6 66.8

Manual Integrations

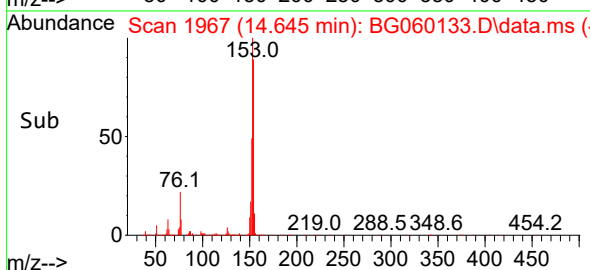
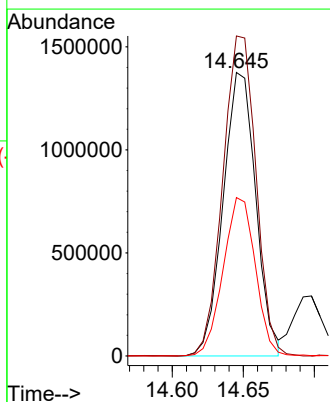
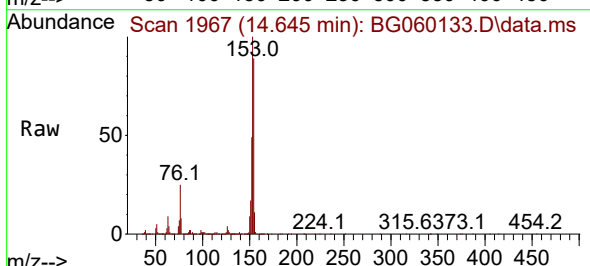
APPROVED

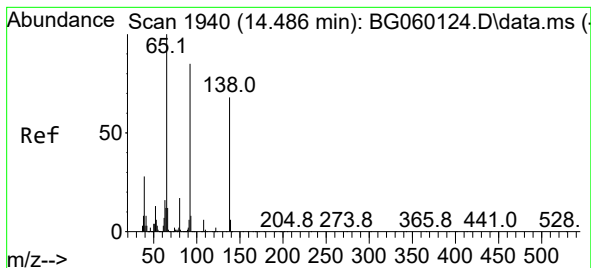
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#52
Acenaphthene
Concen: 39.066 ng
RT: 14.645 min Scan# 1967
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

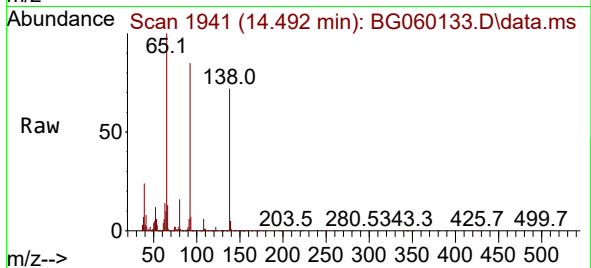
Tgt Ion:154 Resp: 2196967
Ion Ratio Lower Upper
154 100
153 112.9 92.9 139.3
152 55.9 43.3 64.9





#53
3-Nitroaniline
Concen: 32.231 ng
RT: 14.492 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

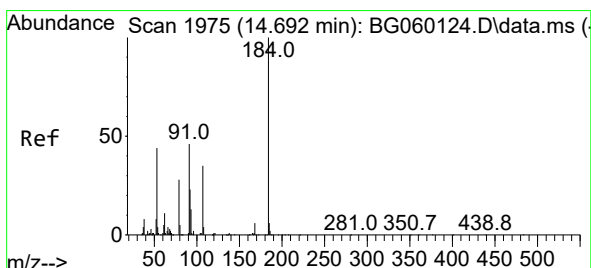
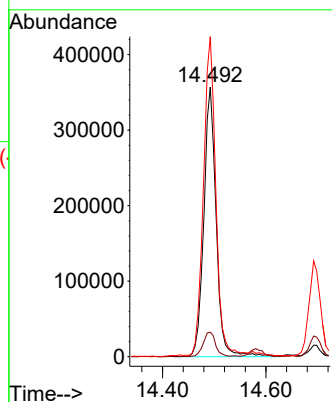
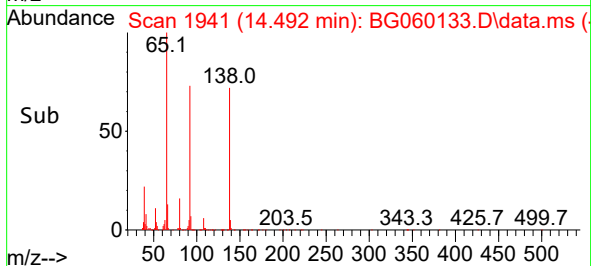
Instrument :
BNA_G
ClientSampleId :
PB157953BS



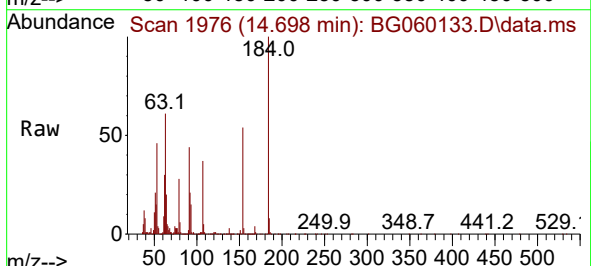
Tgt Ion:138 Resp: 591574
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 118.7 100.6 150.8

Manual Integrations
APPROVED

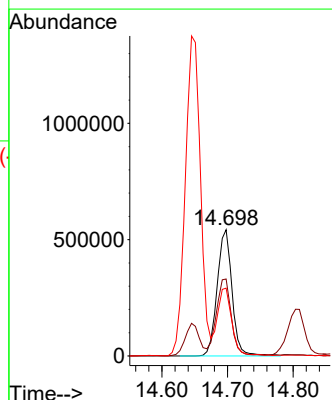
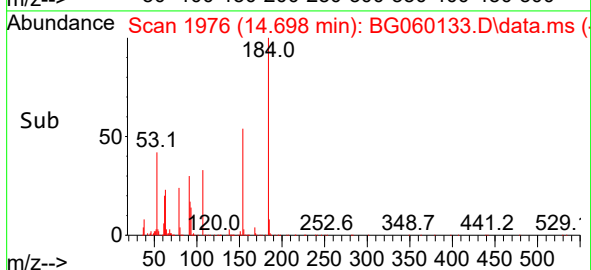
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

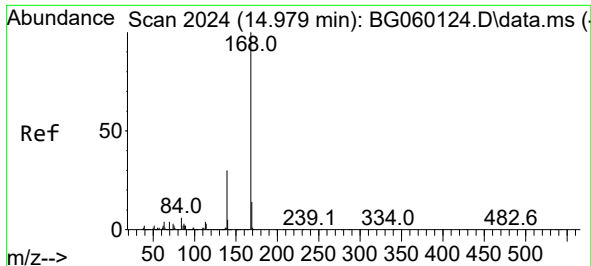


#54
2,4-Dinitrophenol
Concen: 75.358 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:184 Resp: 854057
Ion Ratio Lower Upper
184 100
63 61.0 48.1 72.1
154 53.7 44.3 66.5





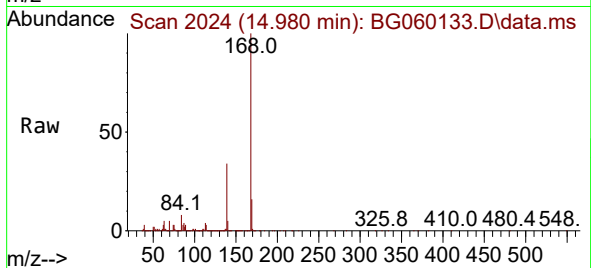
#55
Dibenzenofuran
Concen: 37.616 ng
RT: 14.980 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



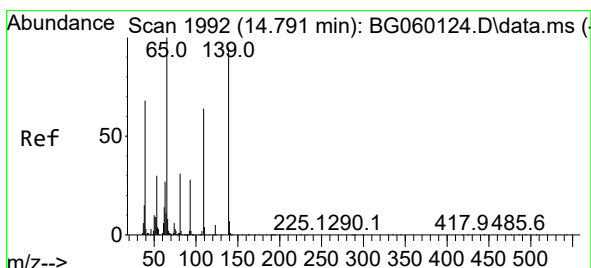
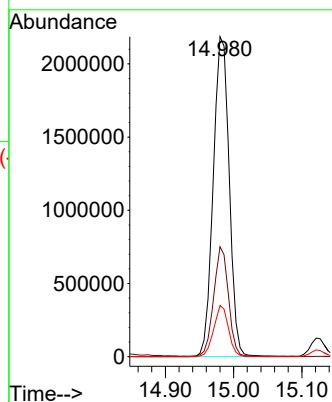
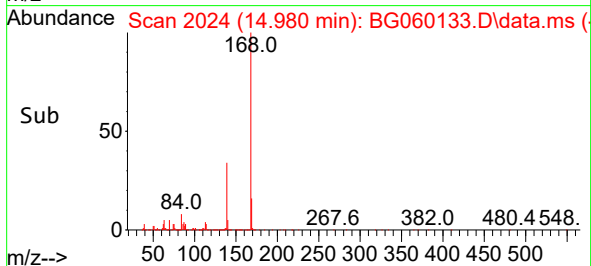
Tgt Ion:168 Resp: 356281
Ion Ratio Lower Upper
168 100
139 34.4 24.2 36.2
169 16.0 11.1 16.7

Manual Integrations

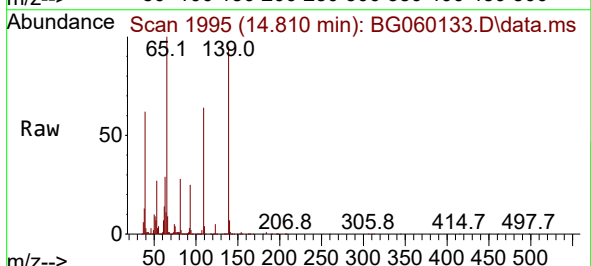
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

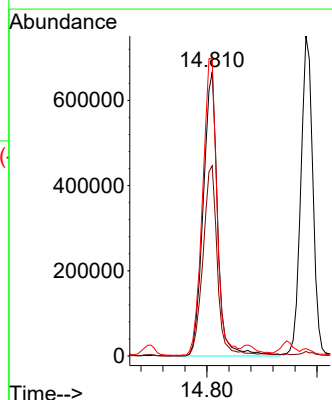
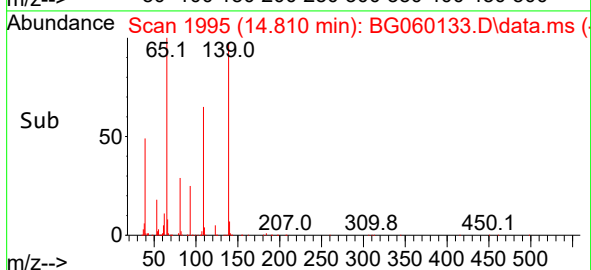
Supervised By :mohammad ahmed 12/25/2023

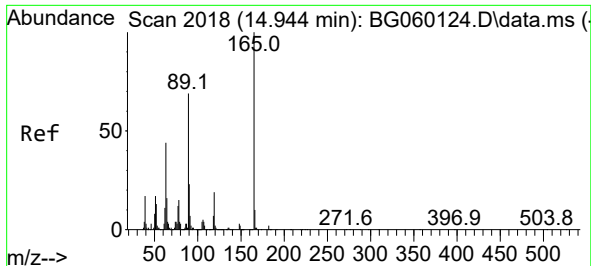


#56
4-Nitrophenol
Concen: 79.496 ng
RT: 14.810 min Scan# 1995
Delta R.T. 0.018 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:139 Resp: 1211339
Ion Ratio Lower Upper
139 100
109 67.0 47.6 87.6
65 104.8 86.1 126.1





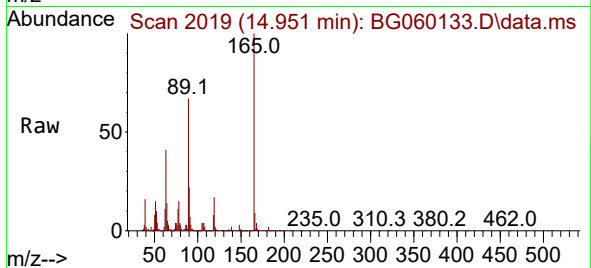
#57
2,4-Dinitrotoluene
Concen: 38.671 ng
RT: 14.951 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

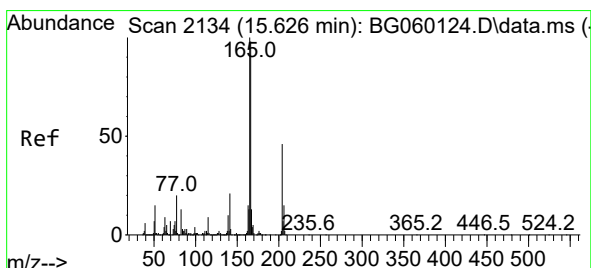
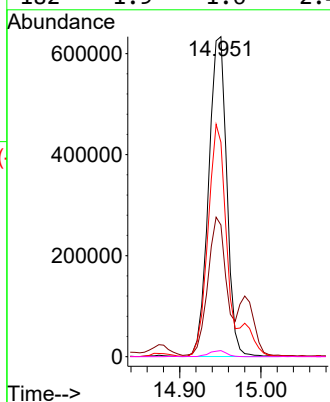
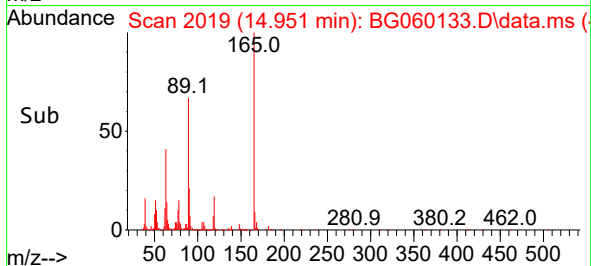


Tgt Ion:165 Resp: 98067
Ion Ratio Lower Upper
165 100
63 41.1 35.4 53.0
89 67.0 55.6 83.4
182 1.9 1.6 2.4

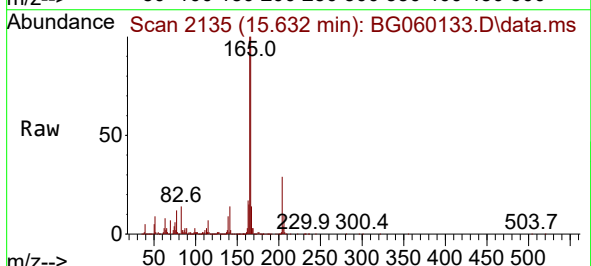
Manual Integrations

APPROVED

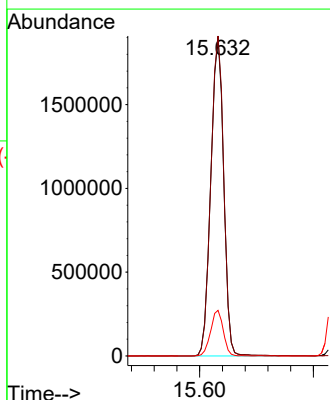
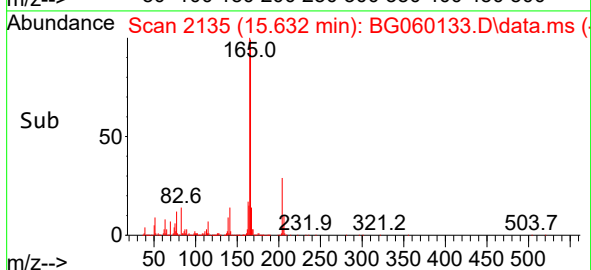
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

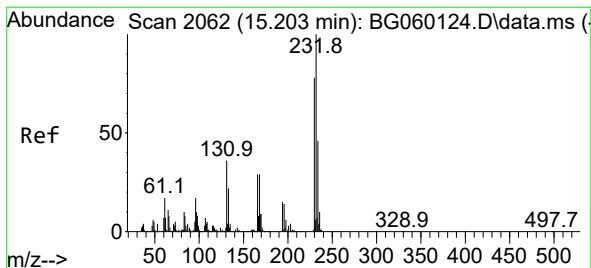


#58
Fluorene
Concen: 37.030 ng
RT: 15.632 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:166 Resp: 2967420
Ion Ratio Lower Upper
166 100
165 100.5 82.0 123.0
167 14.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.683 ng
RT: 15.203 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

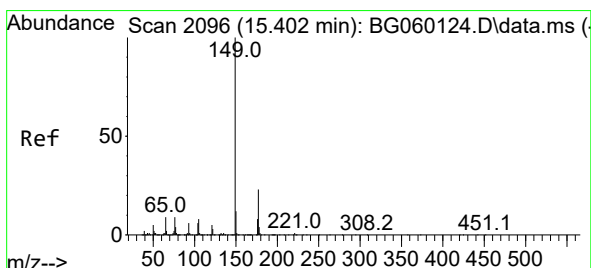
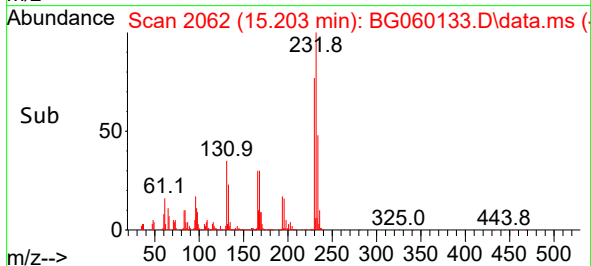
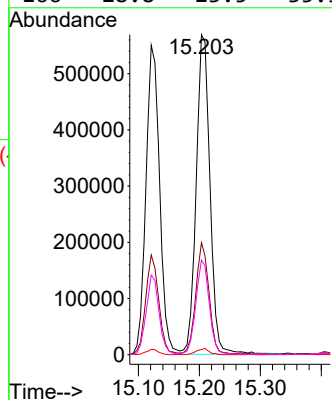
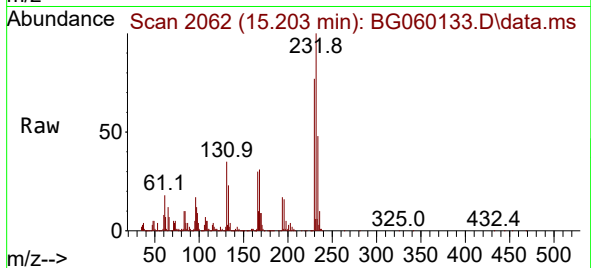
PB157953BS

Tgt Ion:232 Resp: 892451
Ion Ratio Lower Upper
232 100
131 33.0 29.7 44.5
130 1.8 1.4 2.0
166 28.8 23.5 35.3

Manual Integrations

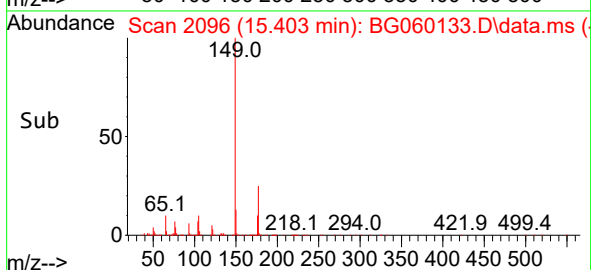
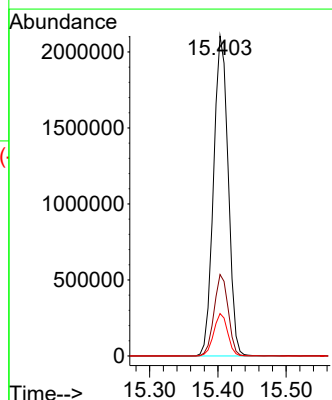
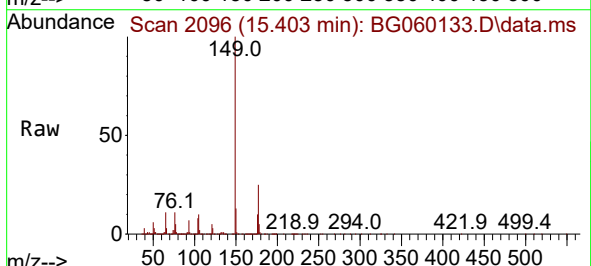
APPROVED

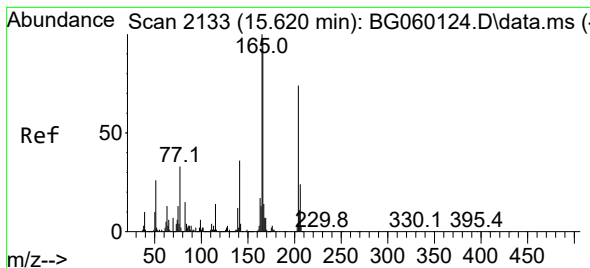
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#60
Diethylphthalate
Concen: 33.706 ng
RT: 15.403 min Scan# 2096
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

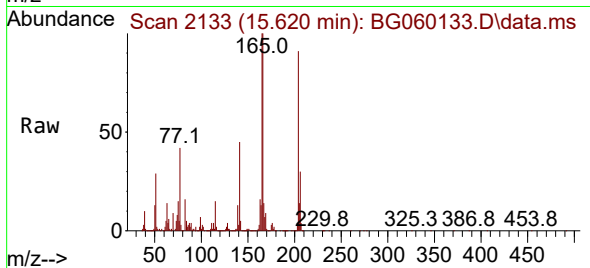
Tgt Ion:149 Resp: 3144385
Ion Ratio Lower Upper
149 100
177 25.5 18.2 27.4
150 13.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 39.214 ng
RT: 15.620 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

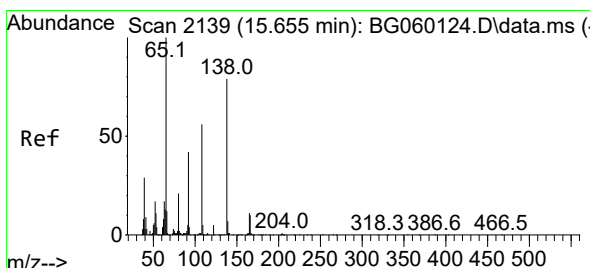
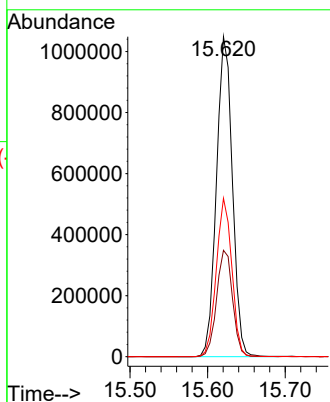
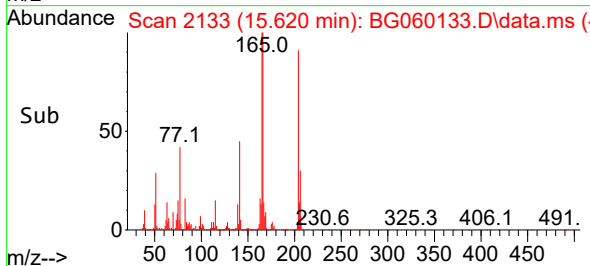
Instrument :
BNA_G
ClientSampleId :
PB157953BS



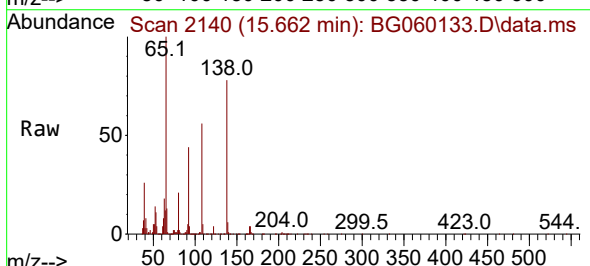
Tgt Ion:204 Resp: 149814
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 49.5 39.2 58.8

Manual Integrations
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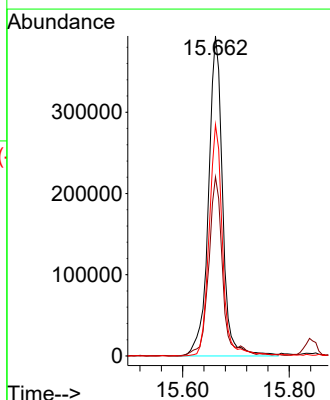
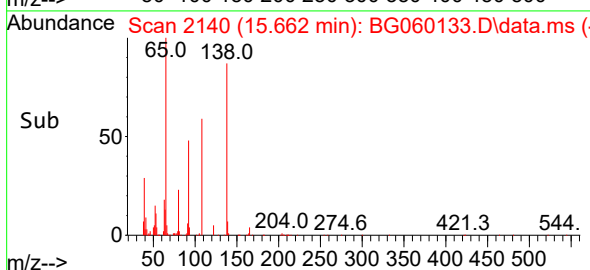
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

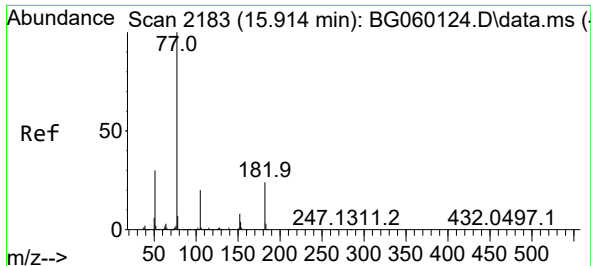


#62
4-Nitroaniline
Concen: 33.639 ng
RT: 15.662 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:138 Resp: 724781
Ion Ratio Lower Upper
138 100
92 55.9 33.6 73.6
108 72.3 50.9 90.9





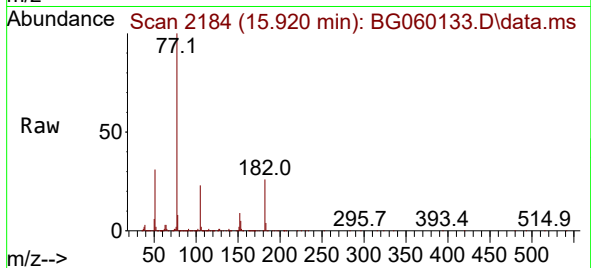
#63
Azobenzene
Concen: 36.943 ng
RT: 15.920 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



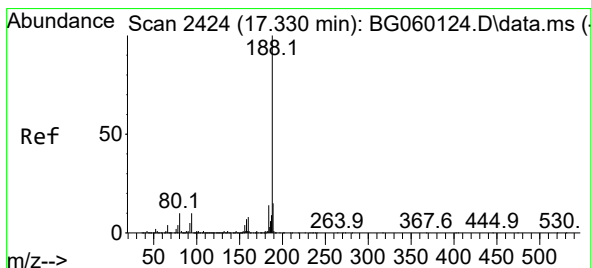
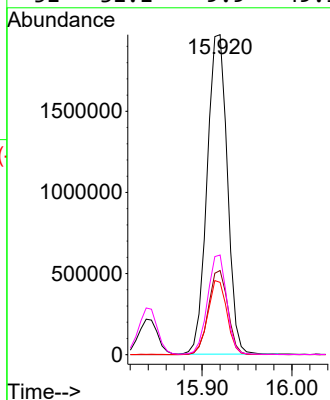
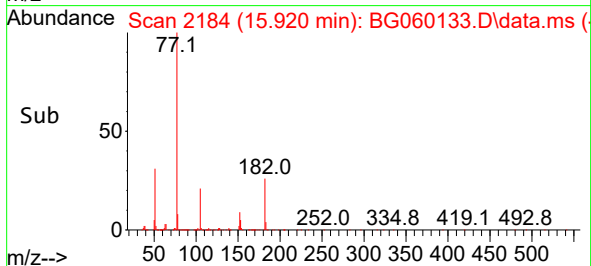
Tgt Ion: 77 Resp: 3076430
Ion Ratio Lower Upper
77 100
182 26.3 3.8 43.8
105 22.6 0.0 39.8
51 31.1 9.9 49.9

Manual Integrations

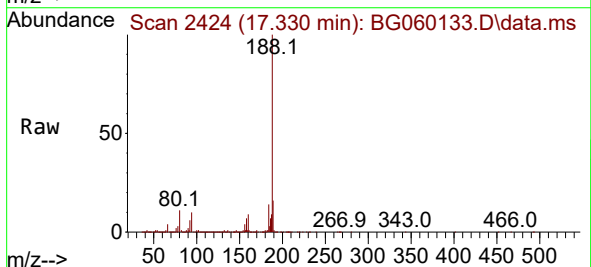
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

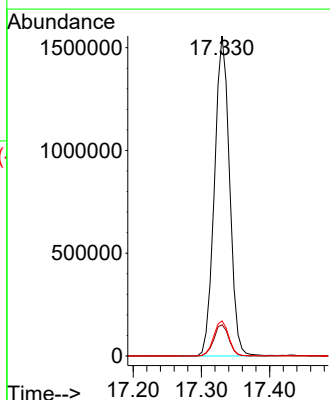
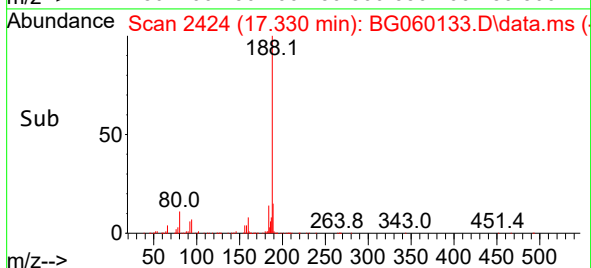
Supervised By :mohammad ahmed 12/25/2023

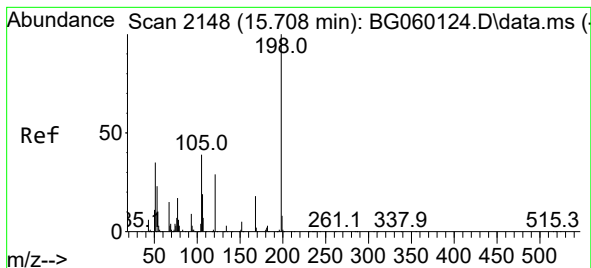


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:188 Resp: 2397314
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 11.0 7.9 11.9





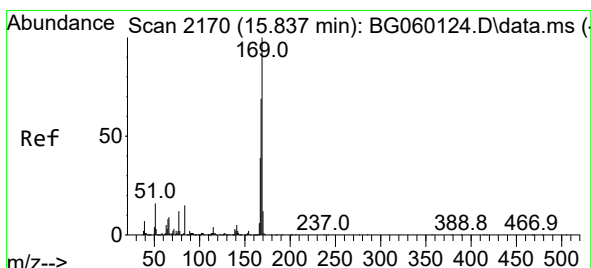
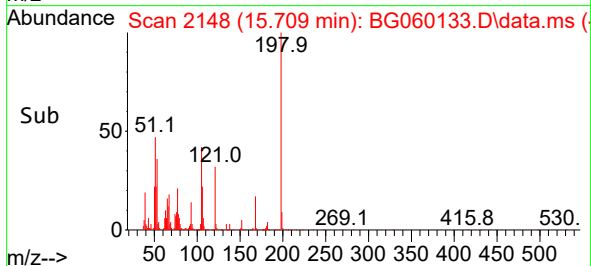
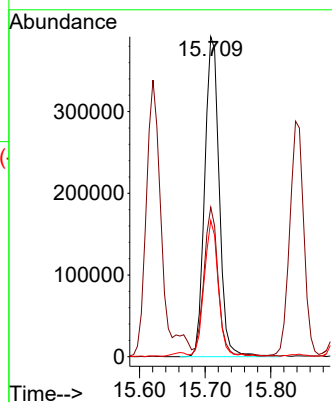
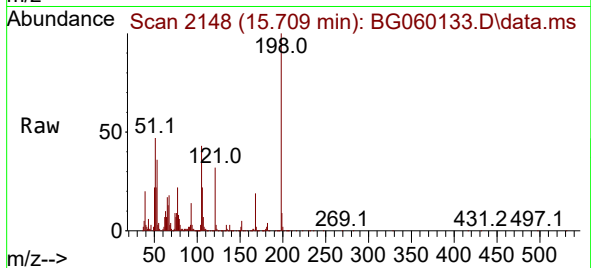
#65
4,6-Dinitro-2-methylphenol
Concen: 46.610 ng
RT: 15.709 min Scan# 2148
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :
BNA_G
ClientSampleId :
PB157953BS

Tgt Ion:198 Resp: 60469
Ion Ratio Lower Upper
198 100
51 46.7 25.0 65.0
105 42.5 20.1 60.1

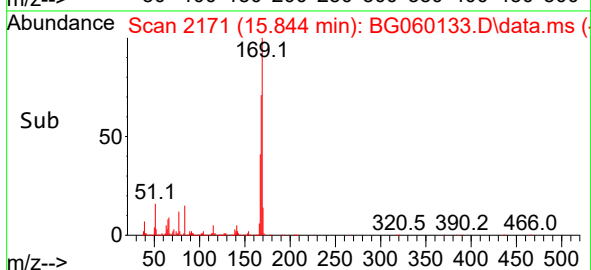
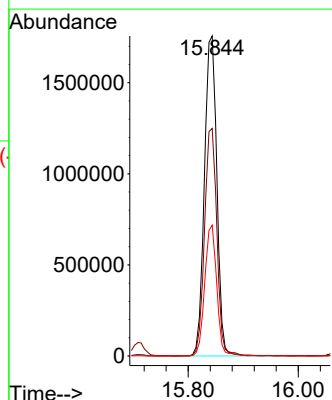
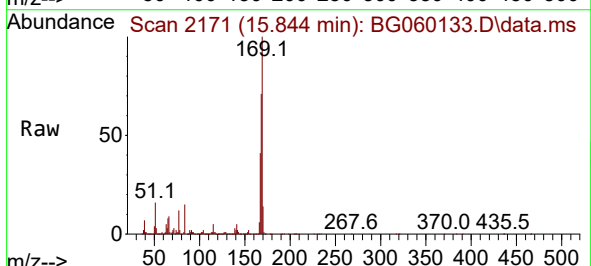
Manual Integrations
APPROVED

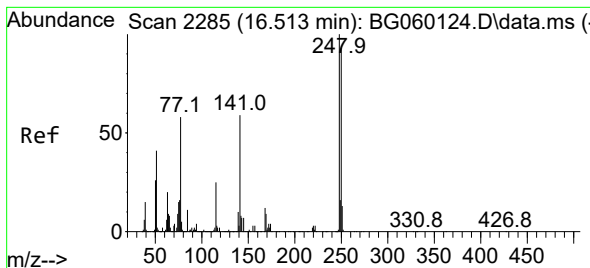
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 43.591 ng
RT: 15.844 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:169 Resp: 2756412
Ion Ratio Lower Upper
169 100
168 71.1 55.0 82.4
167 40.8 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 43.897 ng
RT: 16.519 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

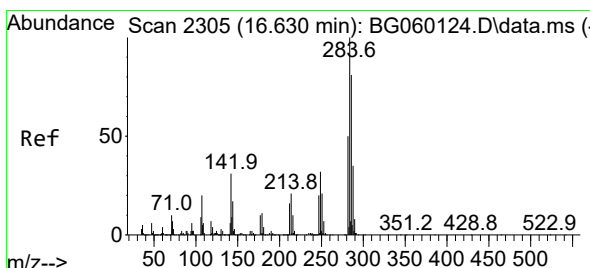
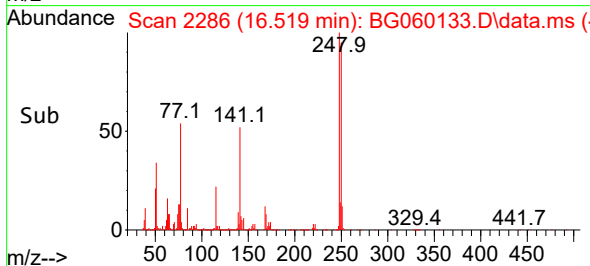
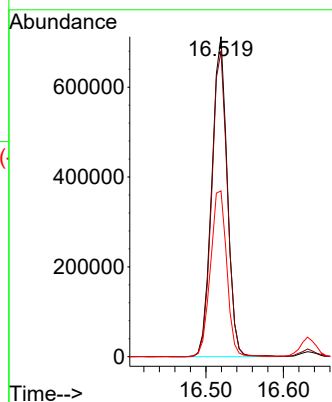
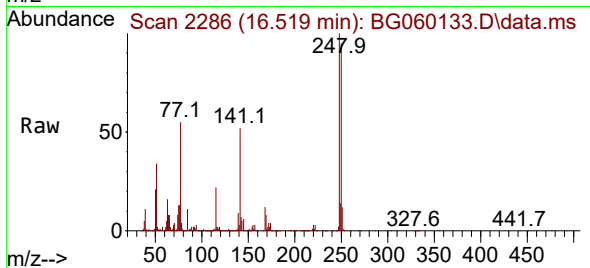
PB157953BS

Tgt Ion:248 Resp: 991409
Ion Ratio Lower Upper
248 100
250 95.5 74.5 111.7
141 51.8 47.4 71.0

Manual Integrations

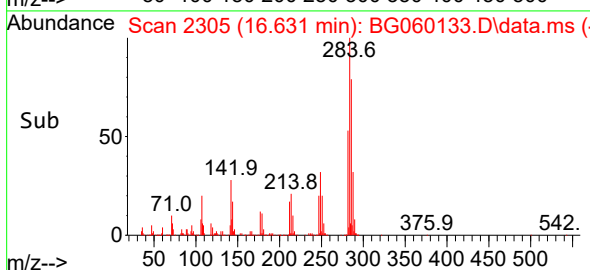
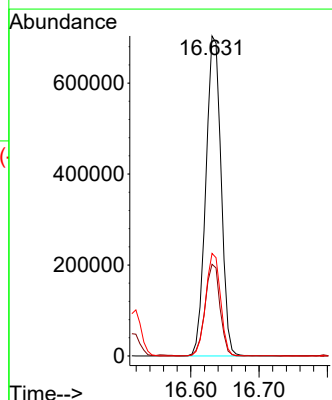
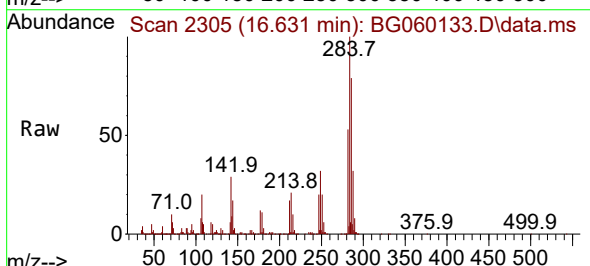
APPROVED

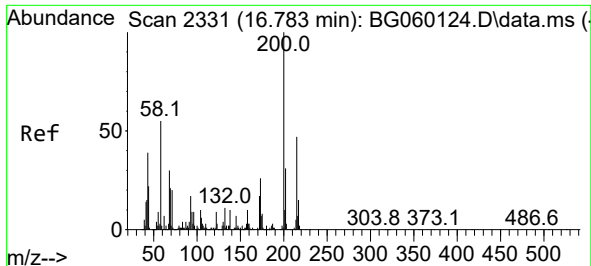
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#68
Hexachlorobenzene
Concen: 42.199 ng
RT: 16.631 min Scan# 2305
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

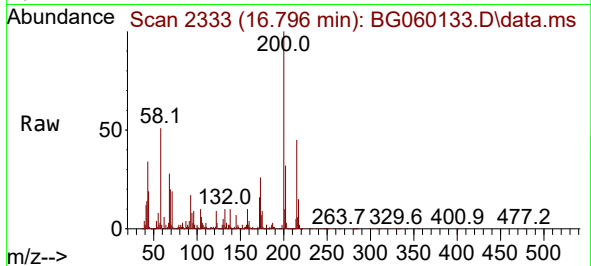
Tgt Ion:284 Resp: 1091311
Ion Ratio Lower Upper
284 100
142 28.7 24.7 37.1
249 34.5 25.8 38.8





#69
 Atrazine
 Concen: 57.221 ng
 RT: 16.796 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BG060133.D
 Acq: 22 Dec 2023 11:27

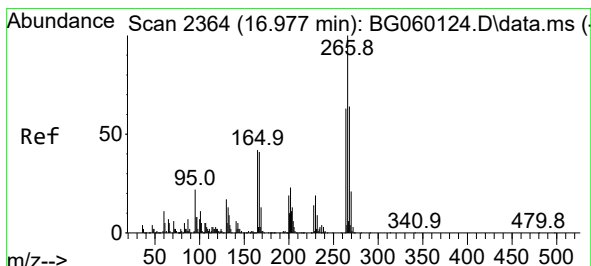
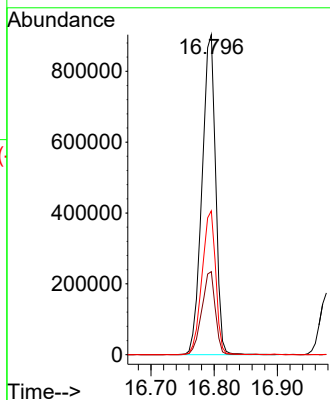
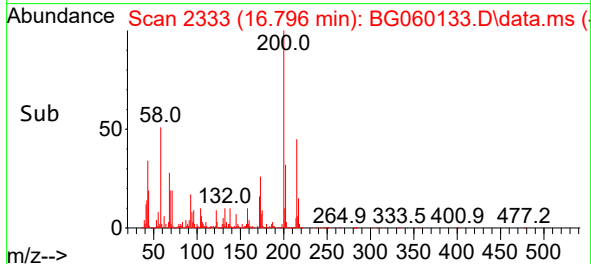
Instrument :
 BNA_G
 ClientSampleId :
 PB157953BS



Tgt Ion:200 Resp: 1346450
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.5 46.5
 215 45.0 26.5 66.5

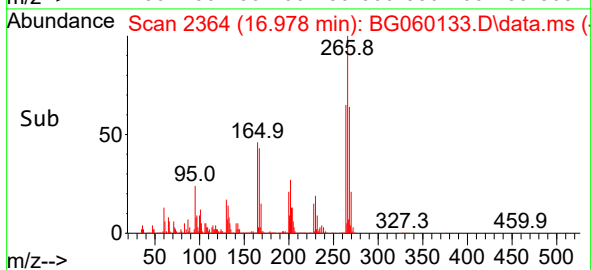
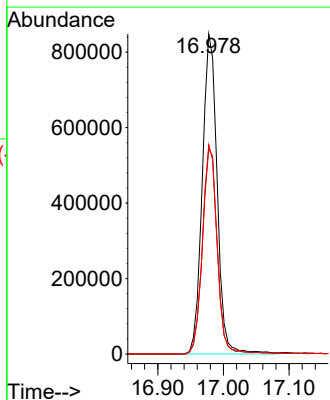
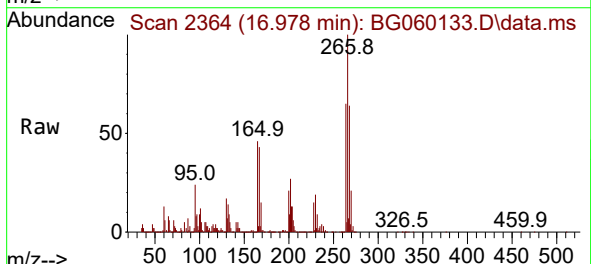
Manual Integrations
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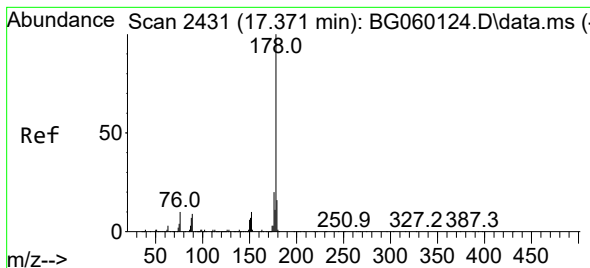
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#70
 Pentachlorophenol
 Concen: 83.681 ng
 RT: 16.978 min Scan# 2364
 Delta R.T. 0.001 min
 Lab File: BG060133.D
 Acq: 22 Dec 2023 11:27

Tgt Ion:266 Resp: 1339776
 Ion Ratio Lower Upper
 266 100
 268 64.1 54.2 81.4
 264 65.4 50.0 75.0





#71

Phenanthrene

Concen: 37.723 ng

RT: 17.377 min Scan# 2431

Delta R.T. 0.006 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Tgt Ion:178 Resp: 455668

Ion Ratio Lower Upper

178 100

176 25.8 16.0 24.0

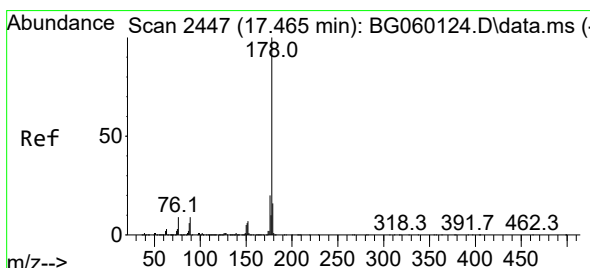
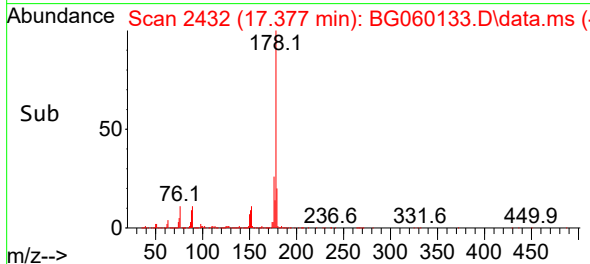
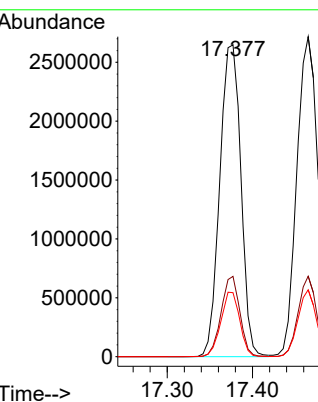
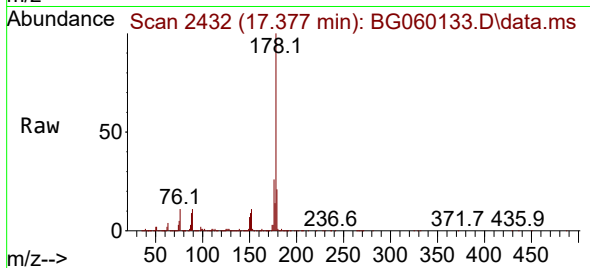
179 20.5 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#72

Anthracene

Concen: 38.053 ng

RT: 17.465 min Scan# 2447

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

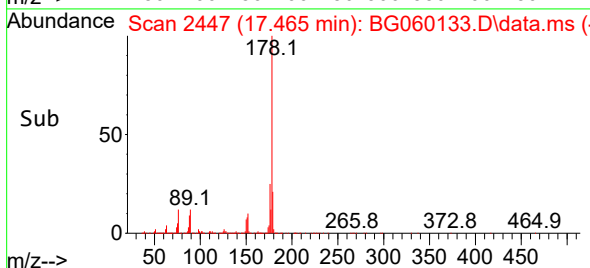
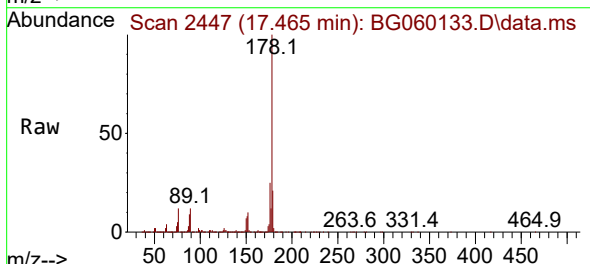
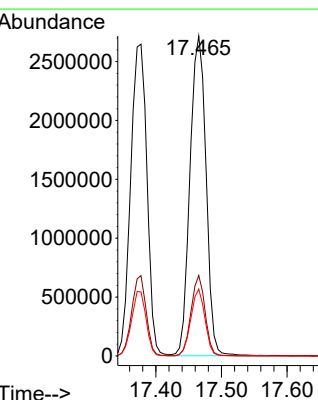
Tgt Ion:178 Resp: 4627262

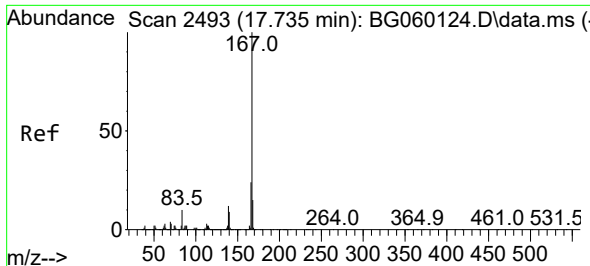
Ion Ratio Lower Upper

178 100

176 25.1 16.2 24.2#

179 20.9 12.6 19.0#





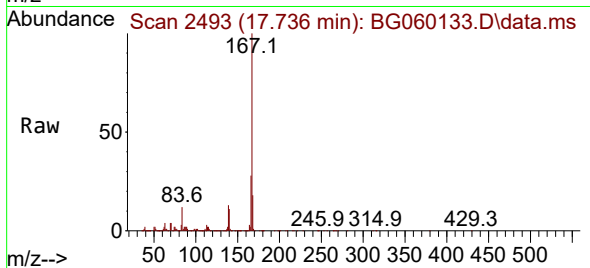
#73
 Carbazole
 Concen: 33.970 ng
 RT: 17.736 min Scan# 2493
 Delta R.T. 0.001 min
 Lab File: BG060133.D
 Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



Tgt Ion:167 Resp: 438531

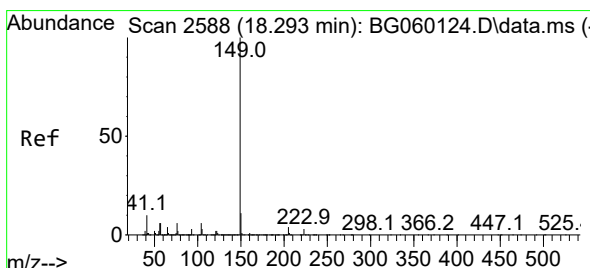
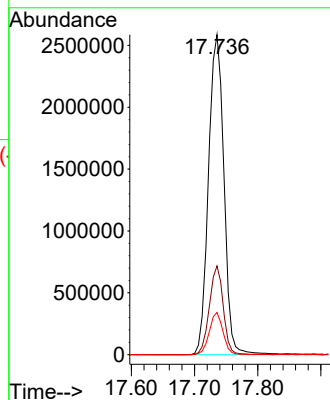
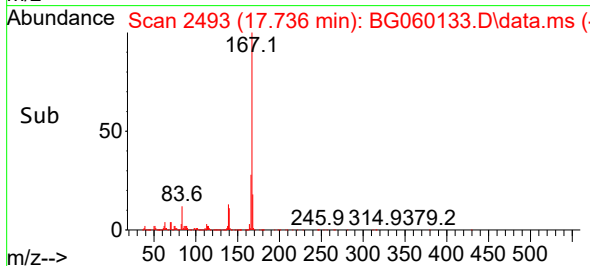
Ion	Ratio	Lower	Upper
167	100		
166	27.8	19.0	28.6
139	13.2	9.4	14.2

Manual Integrations

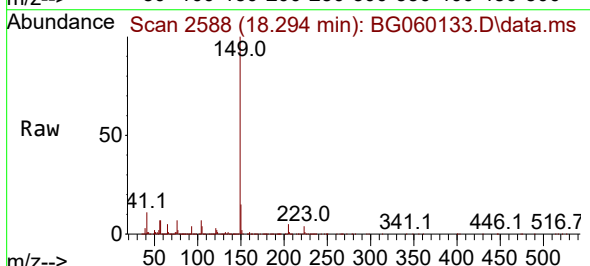
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

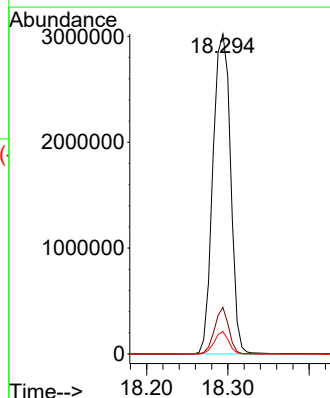
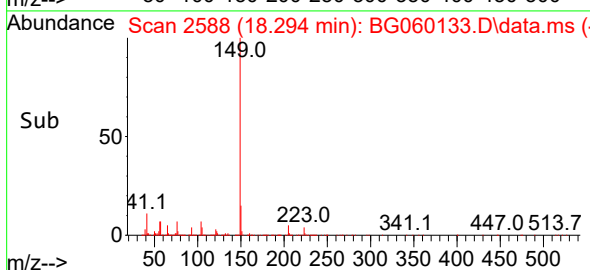


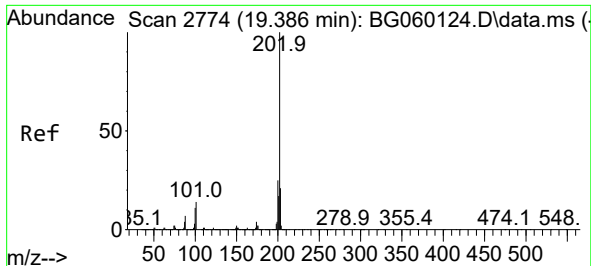
#74
 Di-n-butylphthalate
 Concen: 29.795 ng
 RT: 18.294 min Scan# 2588
 Delta R.T. 0.001 min
 Lab File: BG060133.D
 Acq: 22 Dec 2023 11:27



Tgt Ion:149 Resp: 4560657

Ion	Ratio	Lower	Upper
149	100		
150	14.5	9.0	13.6#
104	7.0	4.6	6.8#





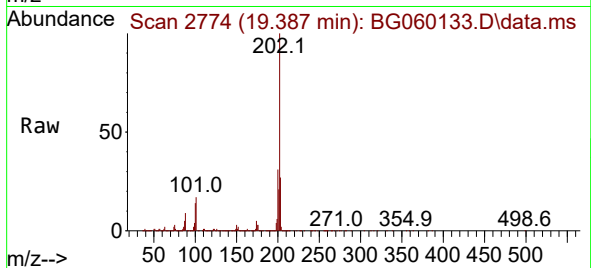
#75
Fluoranthene
Concen: 30.511 ng
RT: 19.387 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

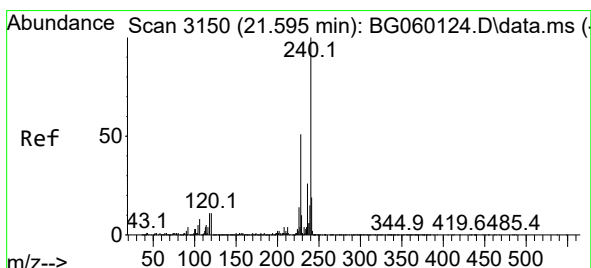
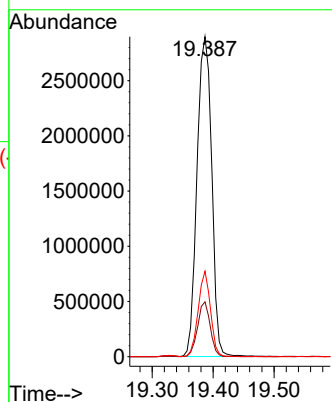
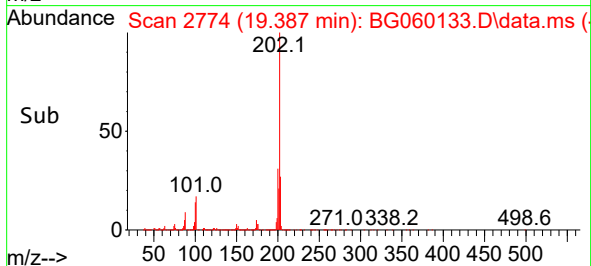


Tgt Ion:202 Resp: 483816
Ion Ratio Lower Upper
202 100
101 17.2 0.0 33.7
203 26.7 1.0 41.0

Manual Integrations

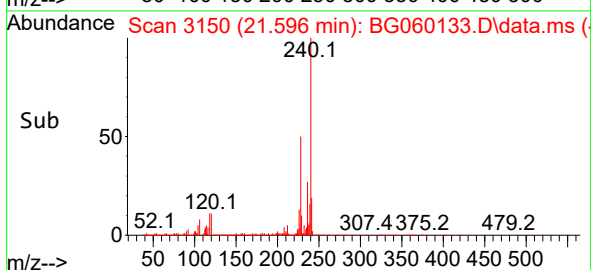
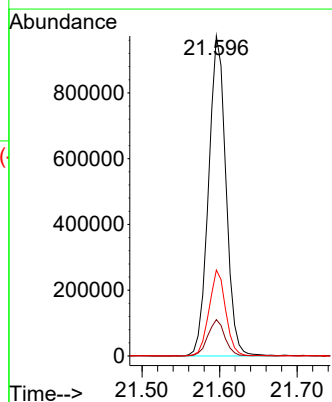
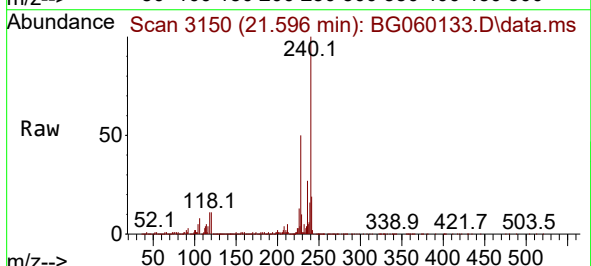
APPROVED

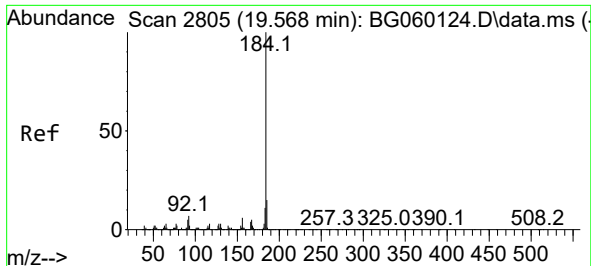
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:240 Resp: 1514628
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 26.8 20.4 30.6





#77
Benzidine
Concen: 23.265 ng
RT: 19.563 min Scan# 2804
Delta R.T. -0.005 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

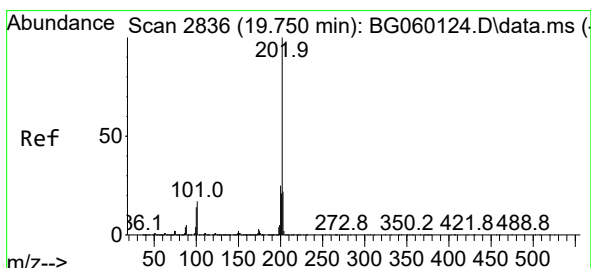
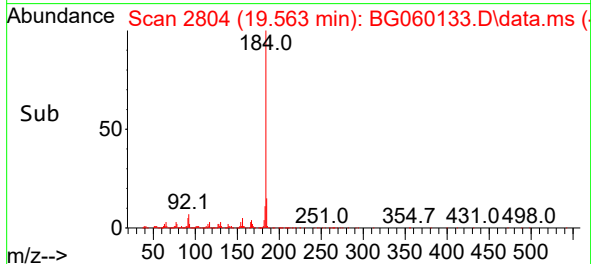
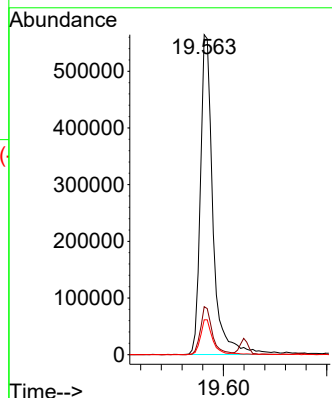
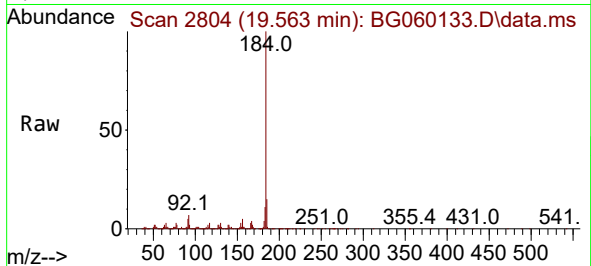
PB157953BS

Tgt Ion:184 Resp: 95272
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 10.9 9.0 13.6

Manual Integrations

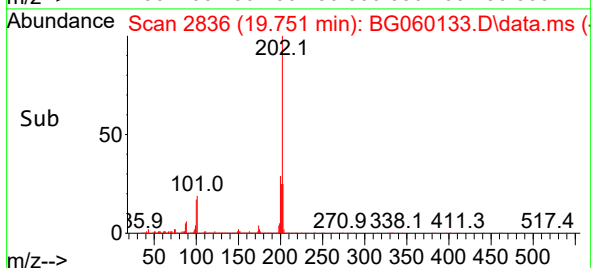
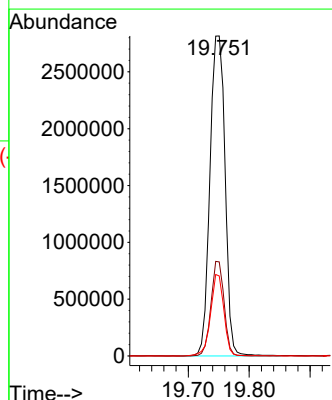
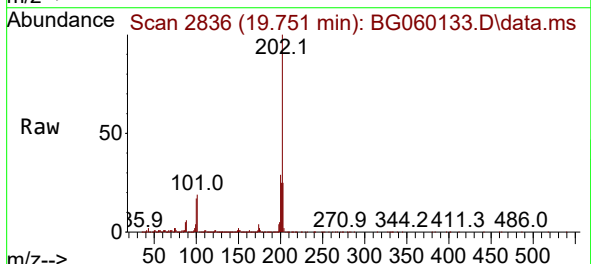
APPROVED

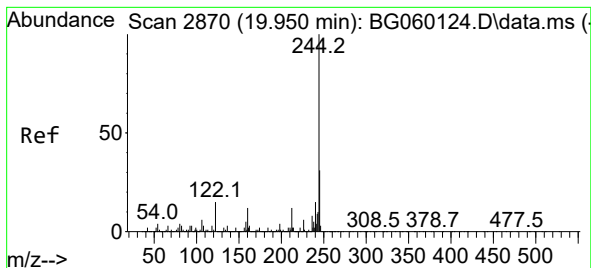
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#78
Pyrene
Concen: 42.041 ng
RT: 19.751 min Scan# 2836
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:202 Resp: 4860870
Ion Ratio Lower Upper
202 100
200 29.4 20.2 30.2
203 25.0 17.3 25.9





#79

Terphenyl-d14

Concen: 68.991 ng

RT: 19.951 min Scan# 2870

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Tgt Ion:244 Resp: 577471

Ion Ratio Lower Upper

244 100

212 15.2 9.5 14.3

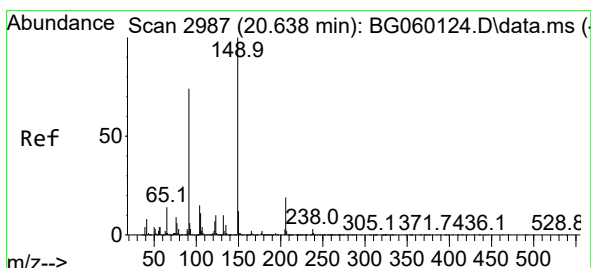
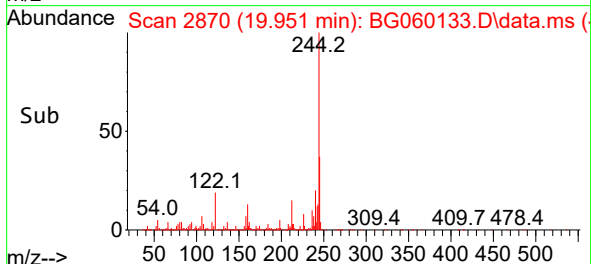
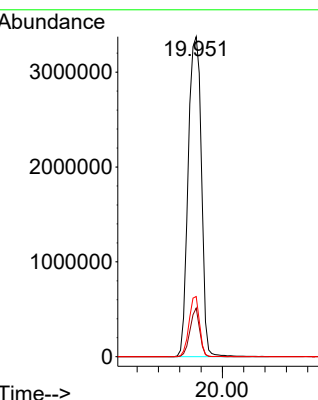
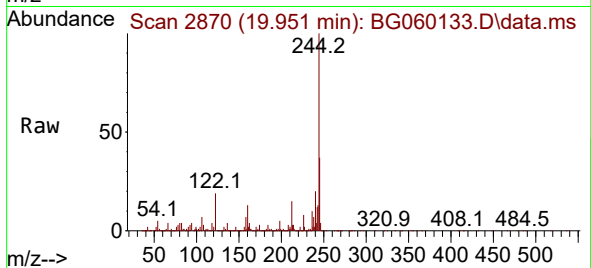
122 18.8 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#80

Butylbenzylphthalate

Concen: 43.653 ng

RT: 20.638 min Scan# 2987

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

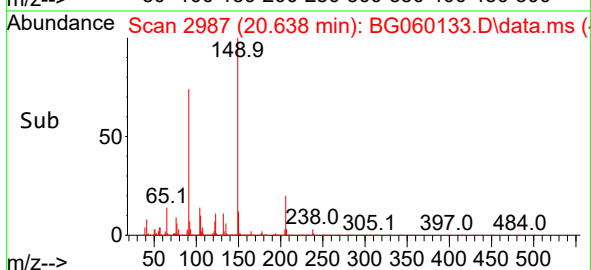
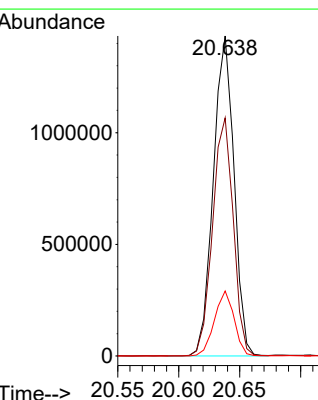
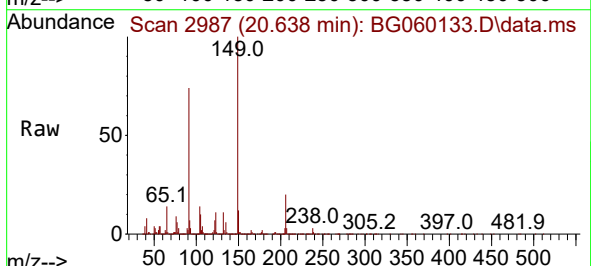
Tgt Ion:149 Resp: 1691664

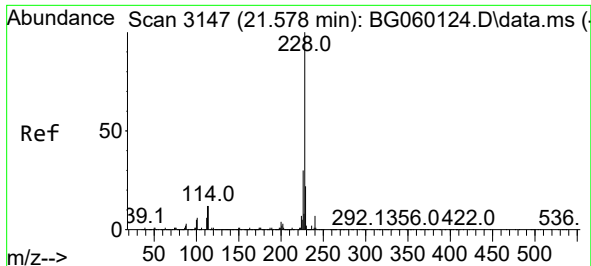
Ion Ratio Lower Upper

149 100

91 74.4 59.3 88.9

206 20.3 15.0 22.6





#81
Benzo(a)anthracene
Concen: 40.333 ng
RT: 21.578 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

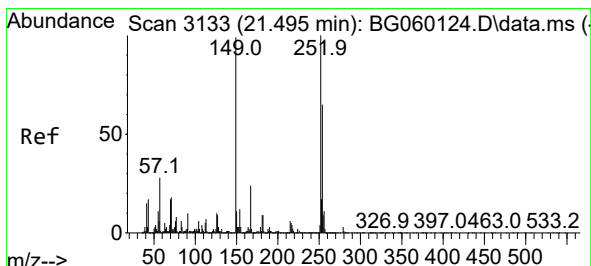
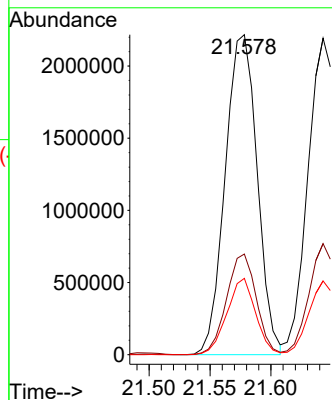
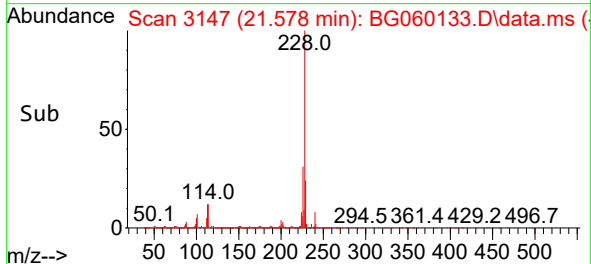
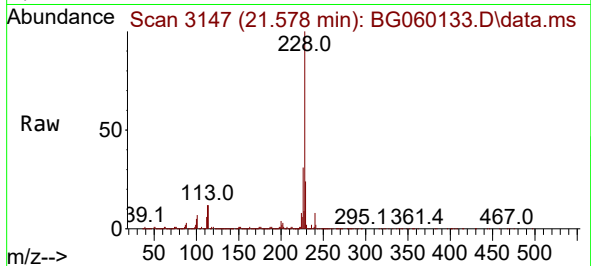
ClientSampleId :

PB157953BS

Tgt Ion:228 Resp: 4058919
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 23.9 17.4 26.0

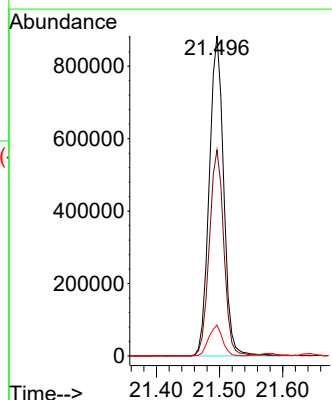
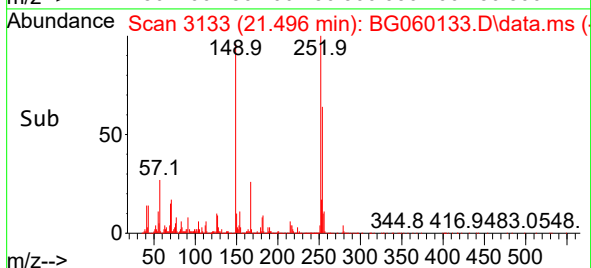
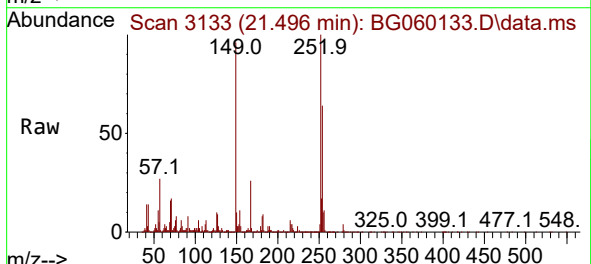
Manual Integrations
APPROVED

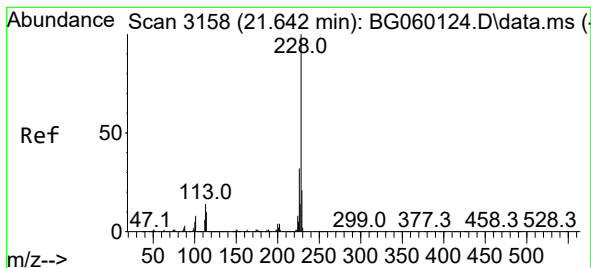
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 46.911 ng
RT: 21.496 min Scan# 3133
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Tgt Ion:252 Resp: 1399602
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 9.7 8.1 12.1





#83

Chrysene

Concen: 40.004 ng

RT: 21.643 min Scan# 3158

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Tgt Ion:228 Resp: 3779799

Ion Ratio Lower Upper

228 100

226 35.1 25.7 38.5

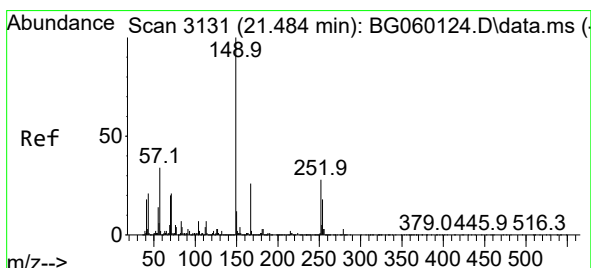
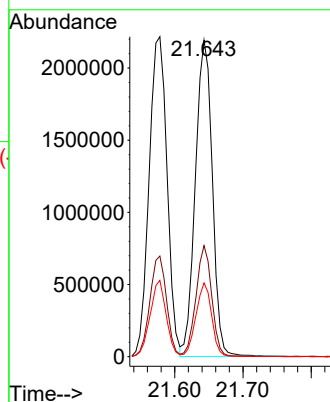
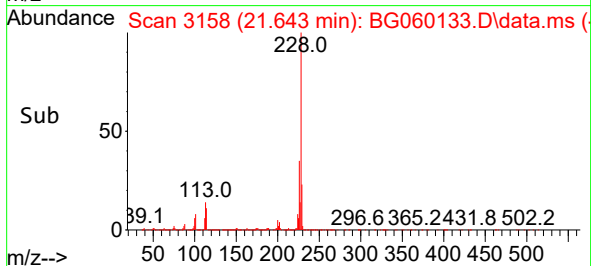
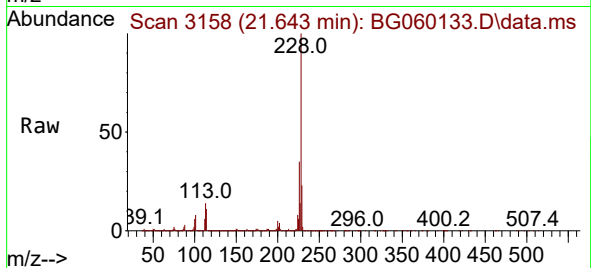
229 23.3 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.043 ng

RT: 21.484 min Scan# 3131

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

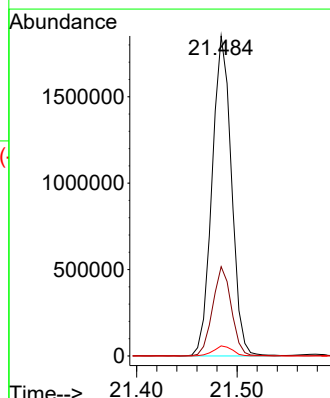
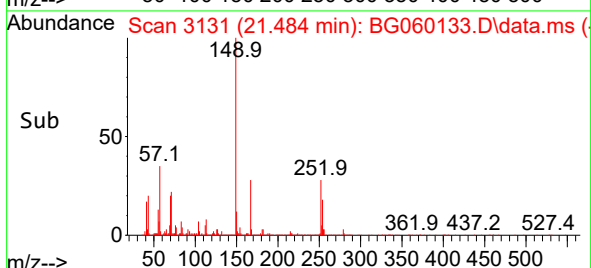
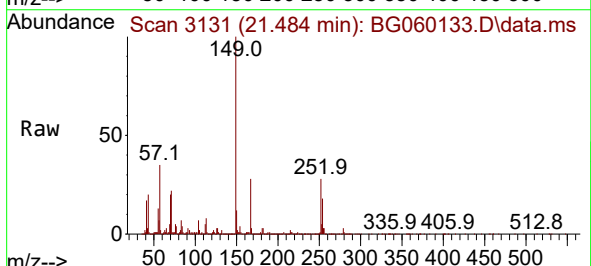
Tgt Ion:149 Resp: 2481356

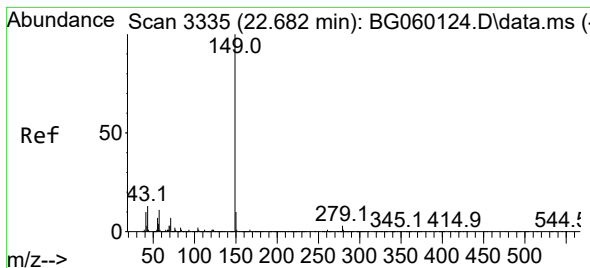
Ion Ratio Lower Upper

149 100

167 27.9 20.5 30.7

279 3.1 2.1 3.1#





#85

Di-n-octyl phthalate

Concen: 48.844 ng

RT: 22.683 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG060133.D

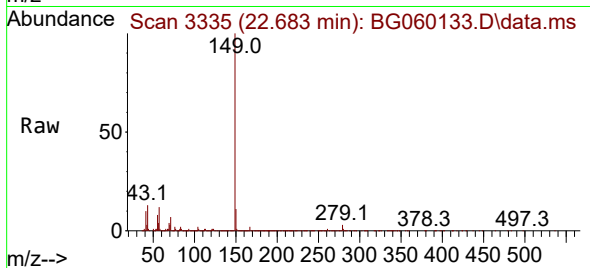
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS



Tgt Ion:149 Resp: 420365

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

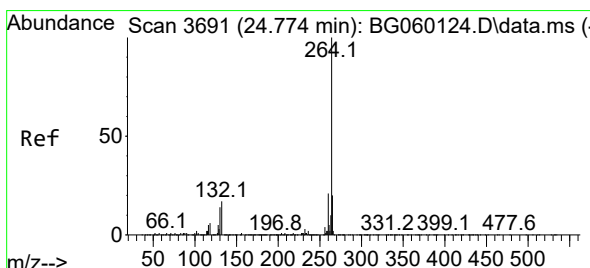
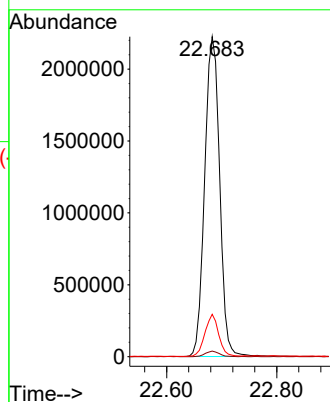
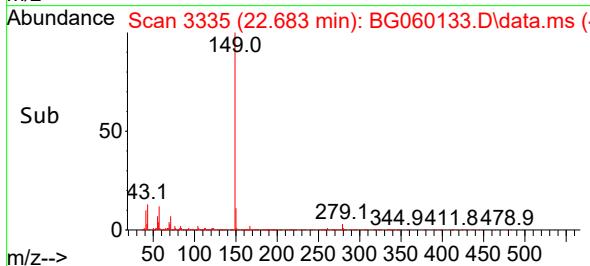
43 12.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.769 min Scan# 3690

Delta R.T. -0.005 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

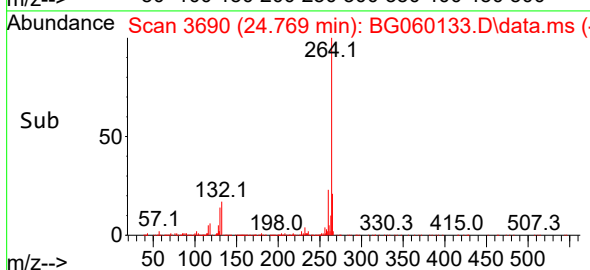
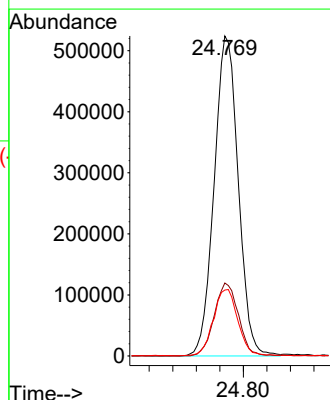
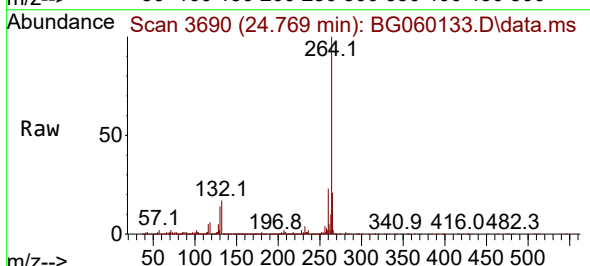
Tgt Ion:264 Resp: 1489823

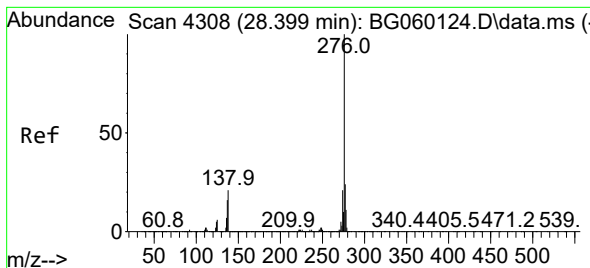
Ion Ratio Lower Upper

264 100

260 22.8 17.1 25.7

265 20.6 16.0 24.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.223 ng

RT: 28.400 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

ClientSampleId :

PB157953BS

Tgt Ion:276 Resp: 4806509

Ion Ratio Lower Upper

276 100

138 18.4 15.0 22.6

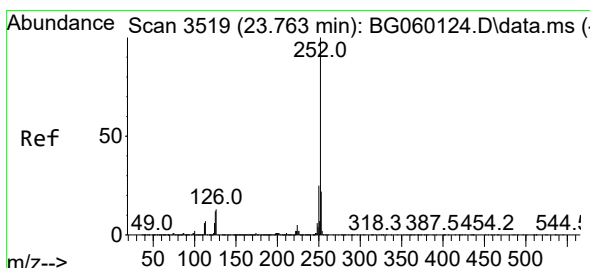
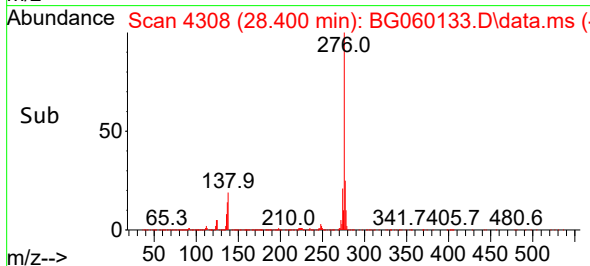
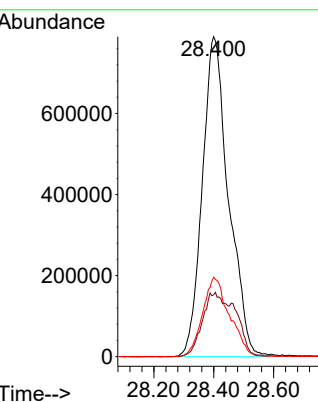
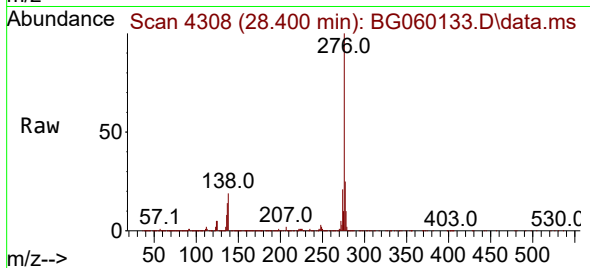
277 25.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#88

Benzo(b)fluoranthene

Concen: 44.709 ng

RT: 23.764 min Scan# 3519

Delta R.T. 0.001 min

Lab File: BG060133.D

Acq: 22 Dec 2023 11:27

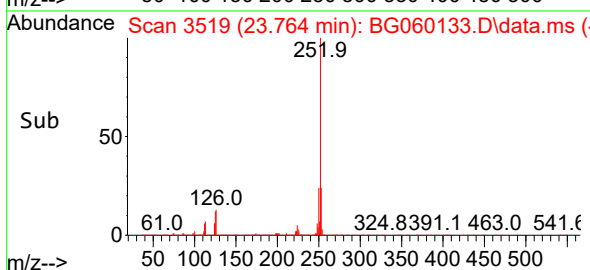
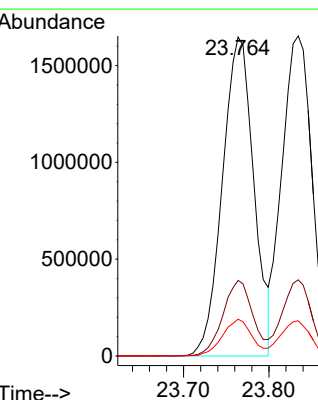
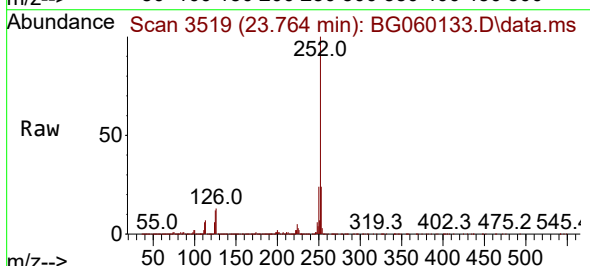
Tgt Ion:252 Resp: 4212002

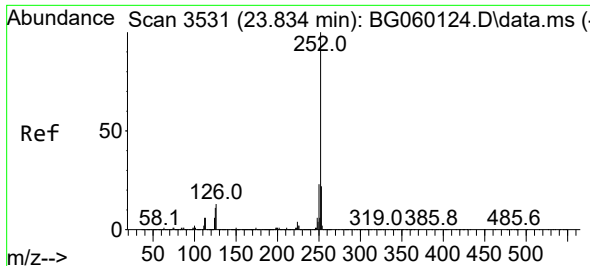
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 11.5 9.3 13.9





#89
Benzo(k)fluoranthene
Concen: 44.101 ng
RT: 23.834 min Scan# 3531
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

Instrument :

BNA_G

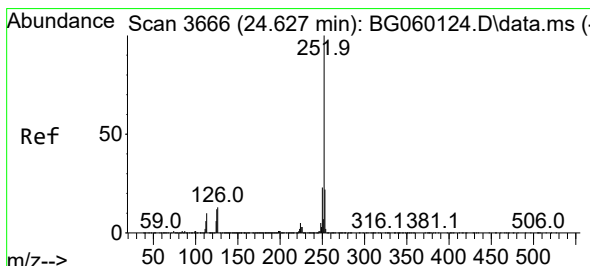
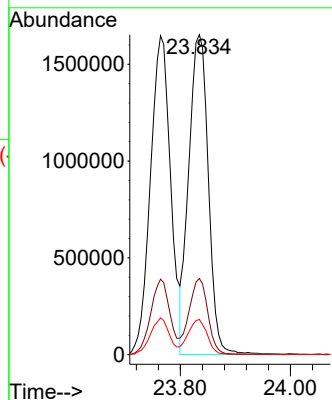
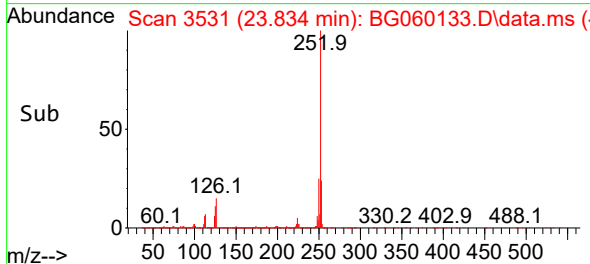
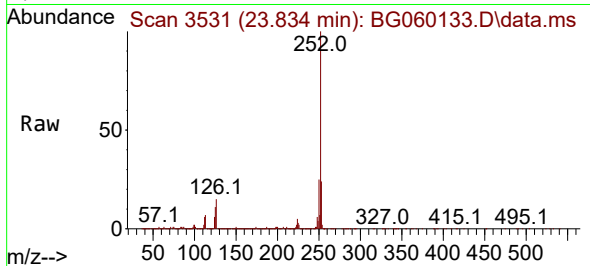
ClientSampleId :

PB157953BS

Tgt Ion:252 Resp: 407174
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 11.0 8.8 13.2

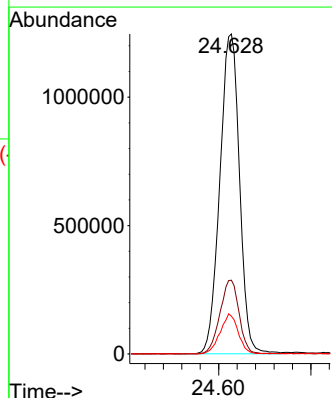
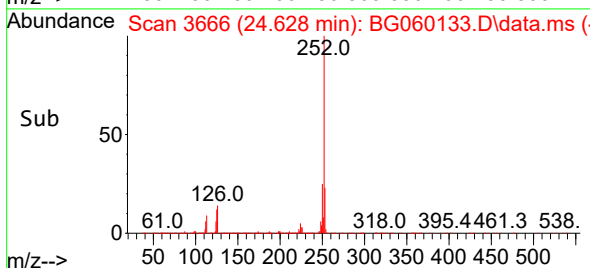
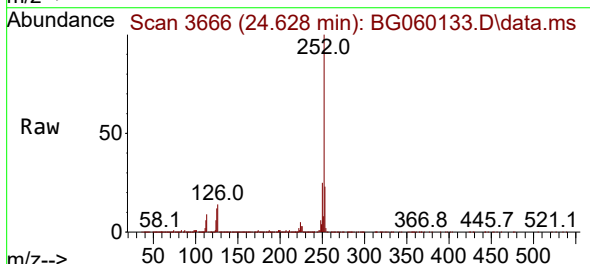
Manual Integrations
APPROVED

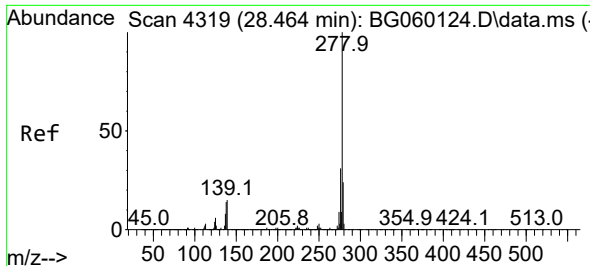
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#90
Benzo(a)pyrene
Concen: 44.289 ng
RT: 24.628 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

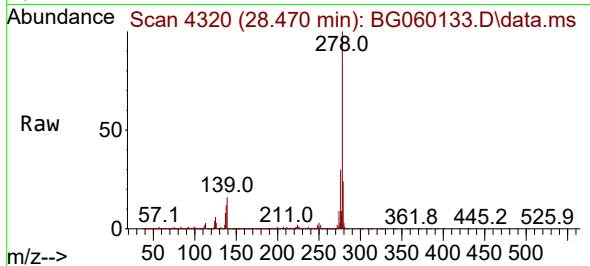
Tgt Ion:252 Resp: 3676102
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.8 9.7 14.5





#91
Dibenzo(a,h)anthracene
Concen: 47.676 ng
RT: 28.470 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27

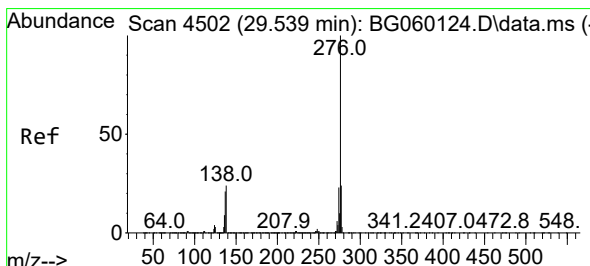
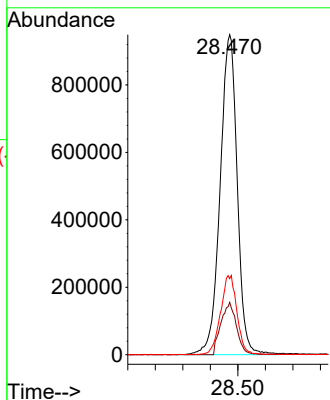
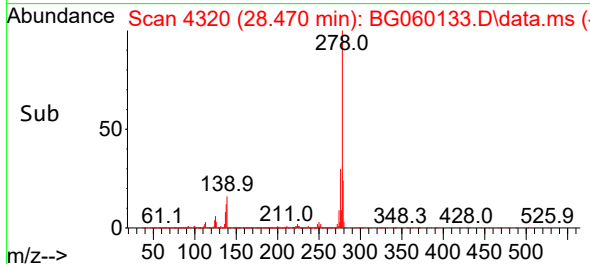
Instrument :
BNA_G
ClientSampleId :
PB157953BS



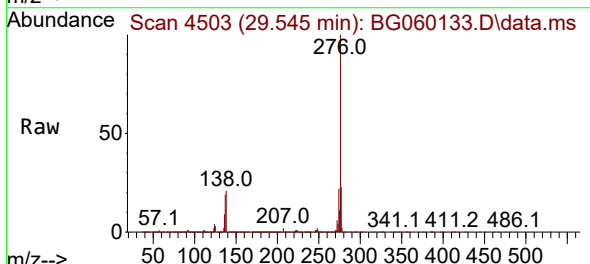
Tgt Ion:278 Resp: 4093870
Ion Ratio Lower Upper
278 100
139 16.3 12.3 18.5
279 23.8 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#92
Benzo(g,h,i)perylene
Concen: 46.054 ng
RT: 29.545 min Scan# 4503
Delta R.T. 0.006 min
Lab File: BG060133.D
Acq: 22 Dec 2023 11:27



Tgt Ion:276 Resp: 3994997
Ion Ratio Lower Upper
276 100
277 23.4 19.5 29.3
138 21.2 19.0 28.6

