

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG060002.D
 Acq On : 13 Dec 2023 18:44
 Operator : MA/JU
 Sample : PB157585BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

Quant Time: Dec 14 03:01:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	49789	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	201015	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	174317	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	536123	20.000	ng	0.00
76) Chrysene-d12	21.613	240	694729	20.000	ng	0.00
86) Perylene-d12	24.803	264	796643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	470041	161.610	ng	0.00
7) Phenol-d6	7.112	99	605648	148.035	ng	0.00
23) Nitrobenzene-d5	9.116	82	385908	87.175	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	574071	141.313	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1208410	84.844	ng	0.00
79) Terphenyl-d14	19.962	244	3446224	90.565	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	50113	36.412	ng	93
3) Pyridine	3.822	79	106201	27.554	ng	90
4) n-Nitrosodimethylamine	3.740	42	77110	40.673	ng	83
6) Aniline	7.277	93	147026	35.282	ng	97
8) 2-Chlorophenol	7.518	128	143175	51.947	ng	95
9) Benzaldehyde	7.089	77	31129m	12.513	ng	
10) Phenol	7.136	94	223009	54.261	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	133883	45.503	ng	100
12) 1,3-Dichlorobenzene	7.841	146	163144	44.264	ng	96
13) 1,4-Dichlorobenzene	7.993	146	174635	45.534	ng	96
14) 1,2-Dichlorobenzene	8.305	146	163349	44.269	ng	98
15) Benzyl Alcohol	8.187	79	174212	52.981	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.481	45	253100	48.072	ng	97
17) 2-Methylphenol	8.393	107	145033	52.930	ng	87
18) Hexachloroethane	9.039	117	51086	43.971	ng	91
19) n-Nitroso-di-n-propyla...	8.757	70	132316	50.128	ng	# 93
20) 3+4-Methylphenols	8.716	107	191049	49.917	ng	96
22) Acetophenone	8.775	105	263662	45.011	ng	93
24) Nitrobenzene	9.157	77	196632	43.751	ng	97
25) Isophorone	9.680	82	357712	42.220	ng	99
26) 2-Nitrophenol	9.874	139	77150	46.676	ng	94
27) 2,4-Dimethylphenol	9.927	122	135994	60.025	ng	96
28) bis(2-Chloroethoxy)met...	10.167	93	187445	42.850	ng	95
29) 2,4-Dichlorophenol	10.402	162	201881	49.612	ng	92
30) 1,2,4-Trichlorobenzene	10.620	180	233982	42.480	ng	99
31) Naphthalene	10.814	128	448784	42.887	ng	98
32) Benzoic acid	10.050	122	109062m	52.920	ng	
33) 4-Chloroaniline	10.914	127	74113	18.613	ng	# 95
34) Hexachlorobutadiene	11.096	225	195966	38.873	ng	97
35) Caprolactam	11.683	113	52767m	51.047	ng	
36) 4-Chloro-3-methylphenol	12.036	107	181215	48.966	ng	99
37) 2-Methylnaphthalene	12.418	142	350043	42.650	ng	98
38) 1-Methylnaphthalene	12.641	142	350125	43.186	ng	97
40) 1,2,4,5-Tetrachloroben...	12.782	216	398356	43.835	ng	99
41) Hexachlorocyclopentadiene	12.770	237	465130	123.878	ng	96
43) 2,4,6-Trichlorophenol	13.023	196	235176	46.155	ng	95

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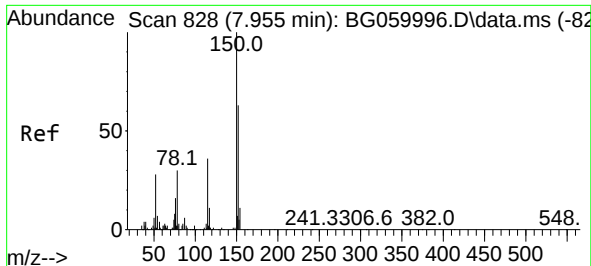
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:47:12 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	261455	47.175	ng	98
46) 1,1'-Biphenyl	13.428	154	577112	44.642	ng	99
47) 2-Chloronaphthalene	13.469	162	468542	41.850	ng	99
48) 2-Nitroaniline	13.669	65	123304	51.020	ng	87
49) Acenaphthylene	14.315	152	723277	47.228	ng	99
50) Dimethylphthalate	14.051	163	614312	45.401	ng	99
51) 2,6-Dinitrotoluene	14.169	165	125949	44.936	ng	96
52) Acenaphthene	14.656	154	520096m	49.336	ng	
53) 3-Nitroaniline	14.492	138	61995	27.680	ng	# 94
54) 2,4-Dinitrophenol	14.697	184	225974	109.427	ng	92
55) Dibenzofuran	14.991	168	770280	44.893	ng	99
56) 4-Nitrophenol	14.797	139	197679	105.016	ng	90
57) 2,4-Dinitrotoluene	14.950	165	190720	48.405	ng	# 96
58) Fluorene	15.643	166	654557	45.240	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.214	232	290655	50.381	ng	98
60) Diethylphthalate	15.414	149	578515	46.468	ng	98
61) 4-Chlorophenyl-phenyle...	15.637	204	455470	43.710	ng	98
62) 4-Nitroaniline	15.661	138	116006	47.565	ng	96
63) Azobenzene	15.931	77	544574	44.366	ng	96
65) 4,6-Dinitro-2-methylph...	15.714	198	158596	47.181	ng	95
66) n-Nitrosodiphenylamine	15.849	169	613322	46.828	ng	95
67) 4-Bromophenyl-phenylether	16.531	248	338539	44.755	ng	93
68) Hexachlorobenzene	16.642	284	384756	43.510	ng	# 96
70) Pentachlorophenol	16.989	266	576186	100.581	ng	97
71) Phenanthrene	17.382	178	1217996	46.903	ng	98
72) Anthracene	17.476	178	1262087	48.338	ng	99
73) Carbazole	17.741	167	1054914	47.546	ng	98
74) Di-n-butylphthalate	18.311	149	989549	48.890	ng	98
75) Fluoranthene	19.398	202	1829294	48.273	ng	98
77) Benzidine	19.580	184	542602	60.805	ng	99
78) Pyrene	19.762	202	1896772	45.040	ng	99
80) Butylbenzylphthalate	20.655	149	374192	49.473	ng	95
81) Benzo(a)anthracene	21.595	228	2188504	46.896	ng	98
82) 3,3'-Dichlorobenzidine	21.513	252	654209	42.603	ng	100
83) Chrysene	21.660	228	2024608	45.793	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	565380	49.318	ng	98
85) Di-n-octyl phthalate	22.717	149	982753	49.558	ng	100
87) Indeno(1,2,3-cd)pyrene	28.440	276	2656345	46.722	ng	99
88) Benzo(b)fluoranthene	23.793	252	2234355	45.413	ng	98
89) Benzo(k)fluoranthene	23.857	252	2133679	44.709	ng	98
90) Benzo(a)pyrene	24.656	252	1984292	45.522	ng	98
91) Dibenzo(a,h)anthracene	28.505	278	2272801	47.806	ng	100
92) Benzo(g,h,i)perylene	29.580	276	2121336	44.858	ng	# 99

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



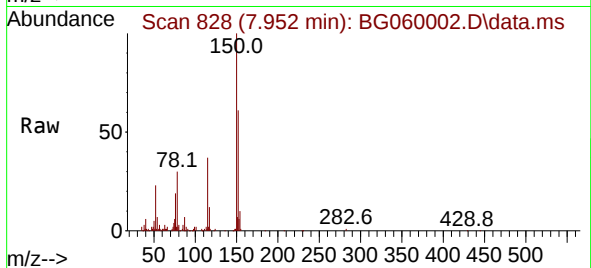
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

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BNA_G

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PB157585BS

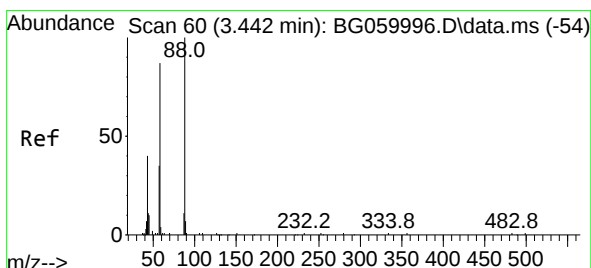
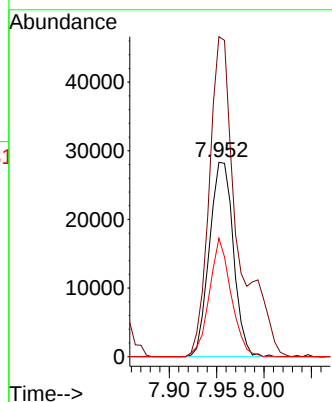
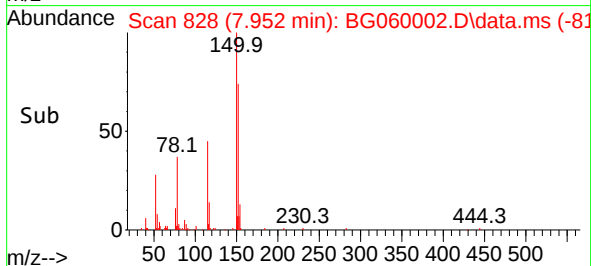


Tgt Ion:152 Resp: 49789
Ion Ratio Lower Upper
152 100
150 164.6 127.0 190.6
115 60.9 45.7 68.5

Manual Integrations

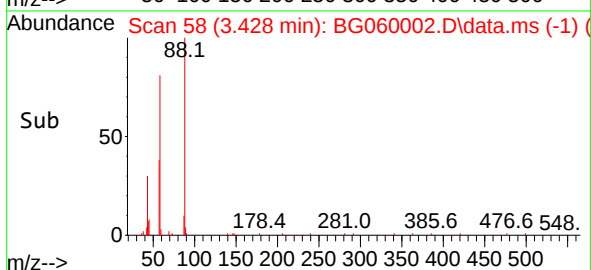
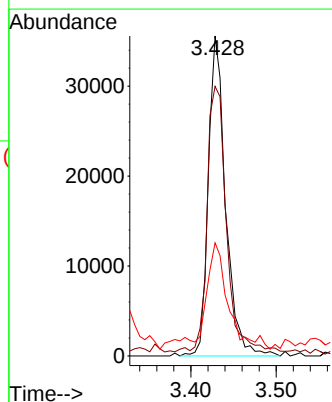
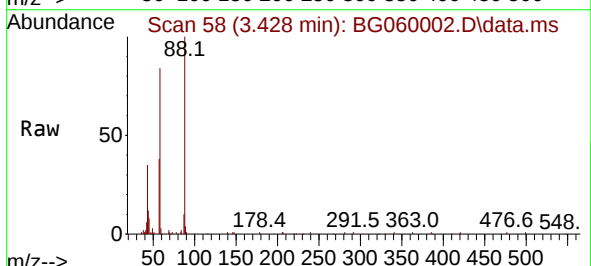
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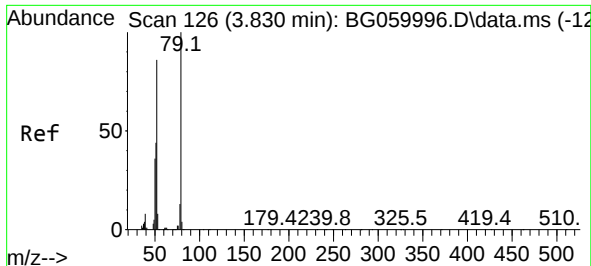
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#2
1,4-Dioxane
Concen: 36.412 ng
RT: 3.428 min Scan# 58
Delta R.T. -0.014 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 88 Resp: 50113
Ion Ratio Lower Upper
88 100
58 91.8 68.5 102.7
43 40.3 28.8 43.2





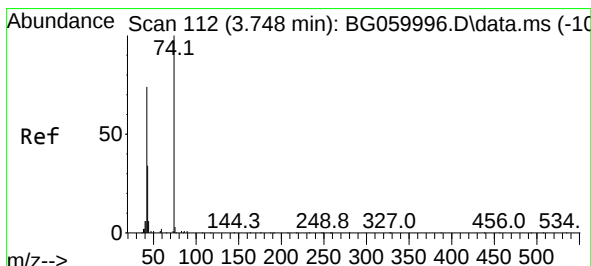
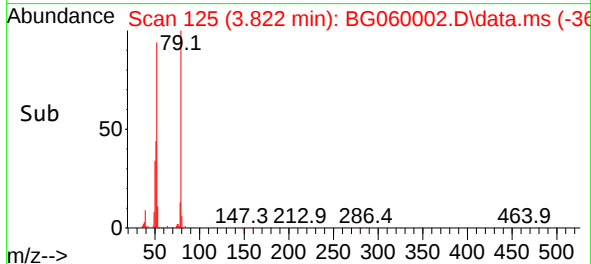
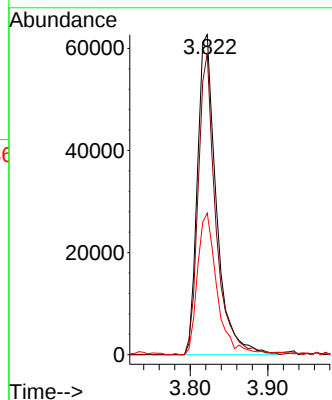
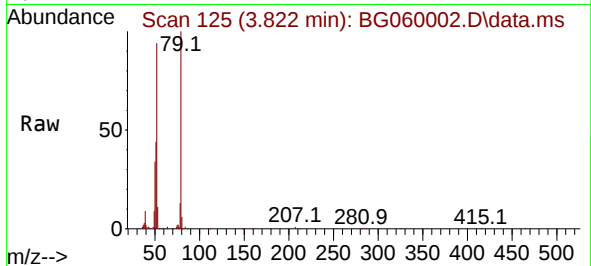
#3
Pyridine
Concen: 27.554 ng
RT: 3.822 min Scan# 110
Delta R.T. -0.008 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion: 79 Resp: 10620
Ion Ratio Lower Upper
79 100
52 94.2 68.7 103.1
51 44.2 41.1 61.7

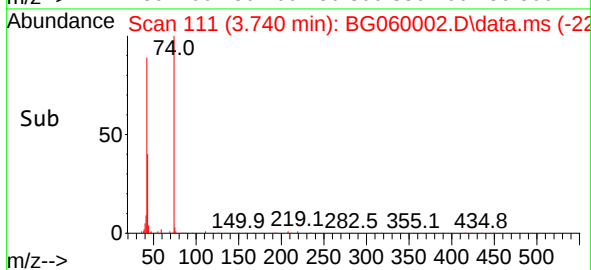
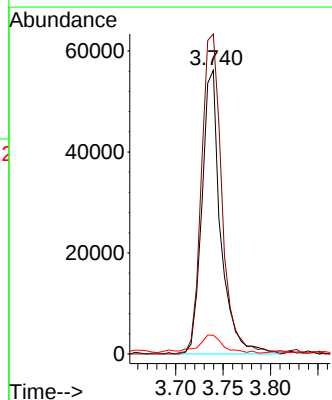
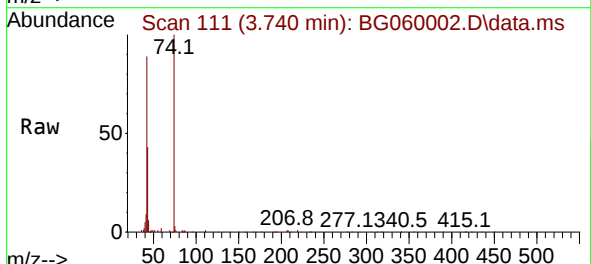
Manual Integrations
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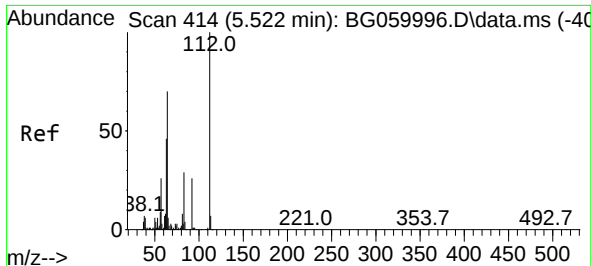
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#4
n-Nitrosodimethylamine
Concen: 40.673 ng
RT: 3.740 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 42 Resp: 77110
Ion Ratio Lower Upper
42 100
74 112.8 107.4 161.2
44 6.6 6.0 9.0





#5
2-Fluorophenol
Concen: 161.610 ng
RT: 5.526 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

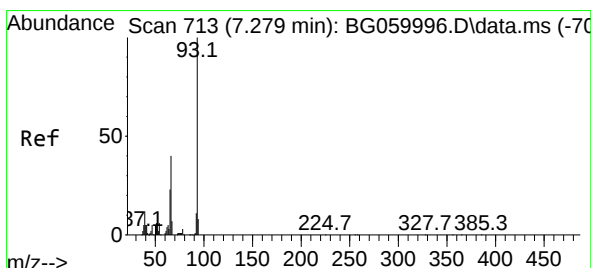
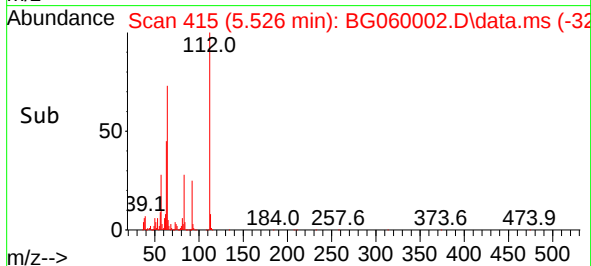
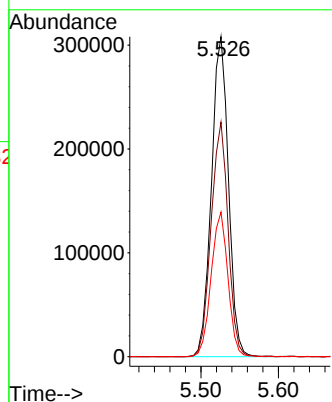
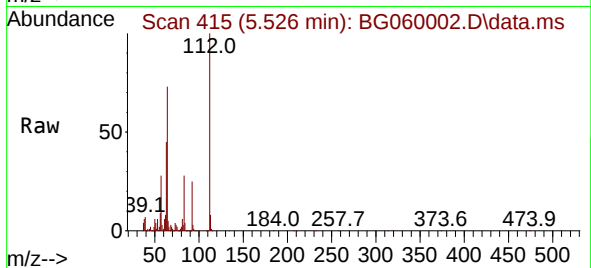
ClientSampleId :

PB157585BS

Tgt Ion:112 Resp: 47004
Ion Ratio Lower Upper
112 100
64 73.3 55.9 83.9
63 45.2 36.5 54.7

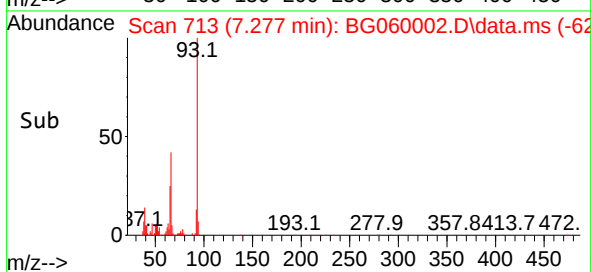
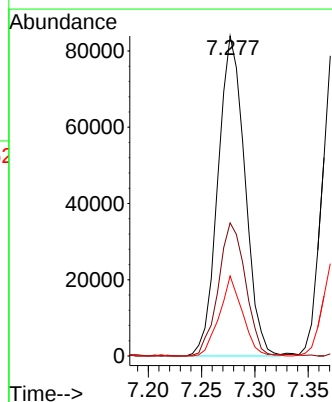
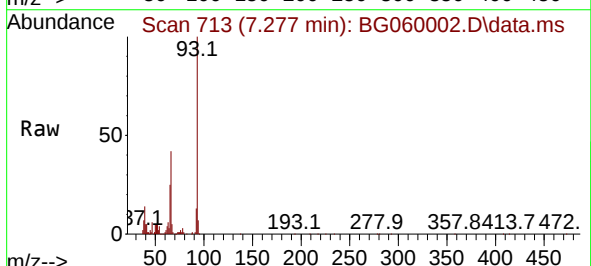
Manual Integrations
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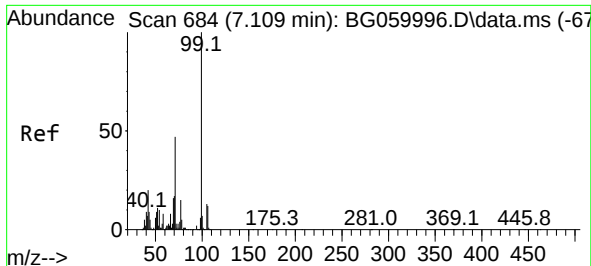
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 35.282 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 93 Resp: 147026
Ion Ratio Lower Upper
93 100
66 41.6 31.8 47.8
65 25.0 18.6 28.0





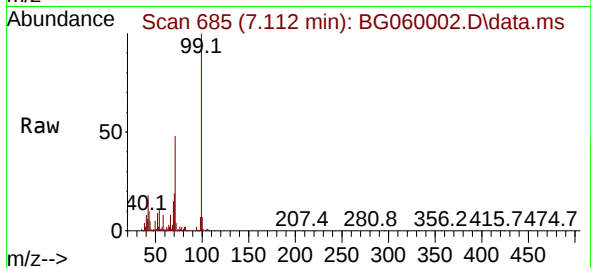
#7
Phenol-d6
Concen: 148.035 ng
RT: 7.112 min Scan# 684
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

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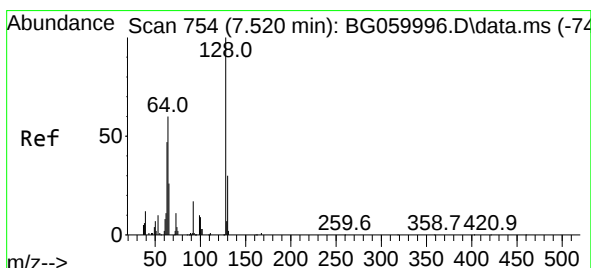
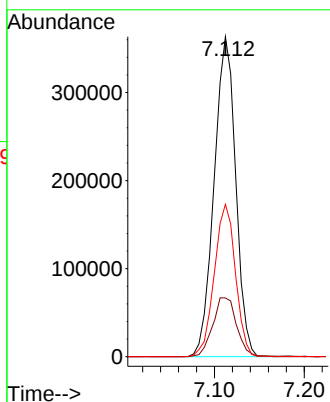
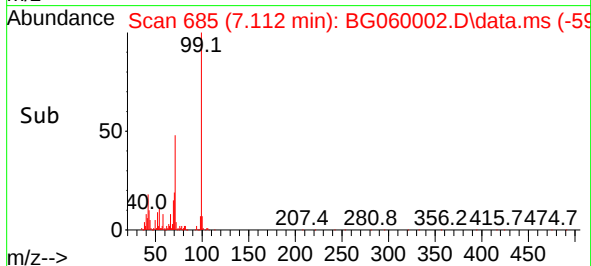
Tgt Ion: 99 Resp: 60564
Ion Ratio Lower Upper
99 100
42 18.4 16.2 24.4
71 47.6 37.6 56.4

Manual Integrations

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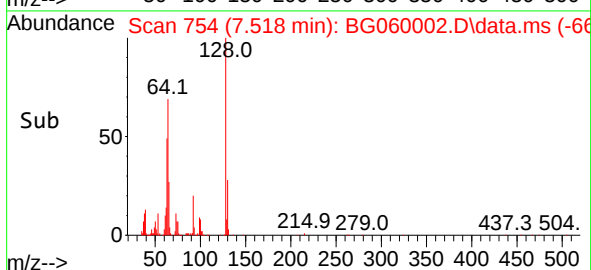
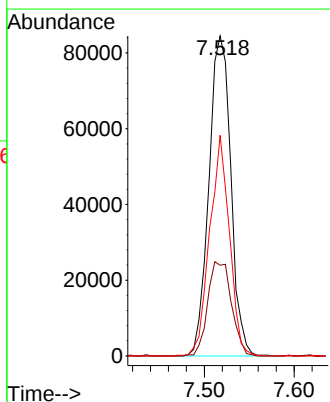
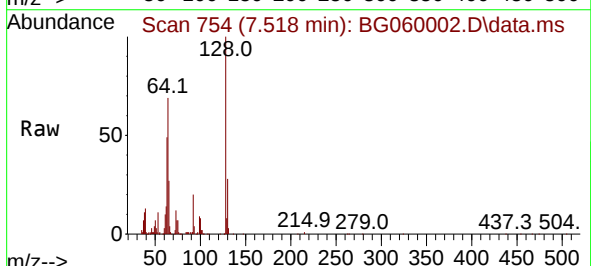
Reviewed By :Yogesh Patel 12/14/2023

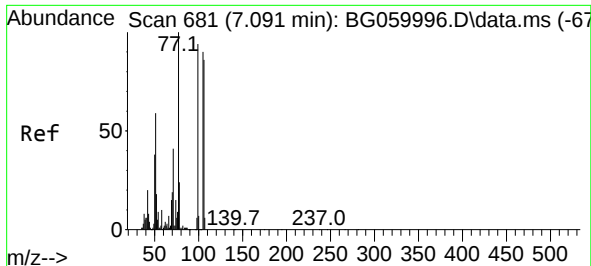
Supervised By :mohammad ahmed 12/14/2023



#8
2-Chlorophenol
Concen: 51.947 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:128 Resp: 143175
Ion Ratio Lower Upper
128 100
130 28.3 10.3 50.3
64 68.9 44.2 84.2





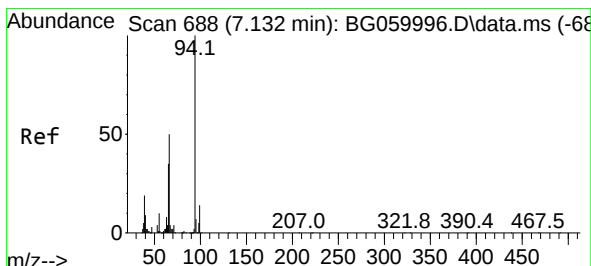
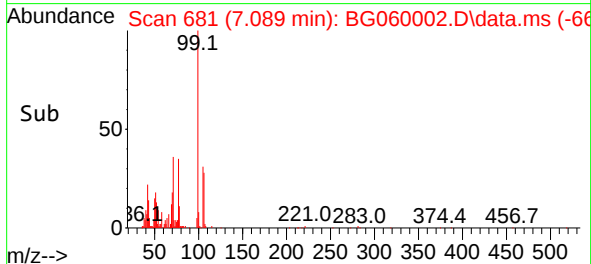
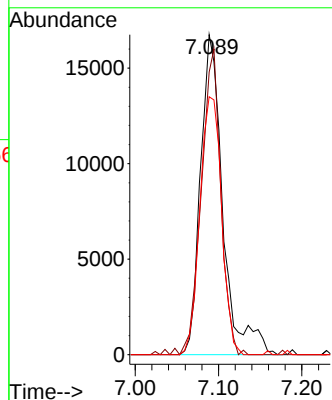
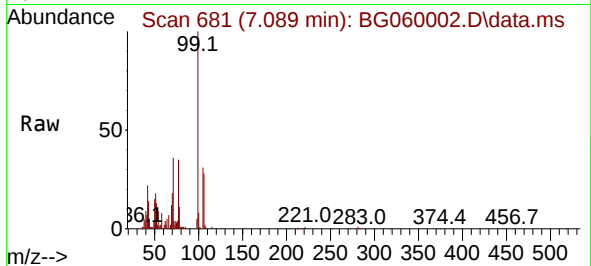
#9
Benzaldehyde
Concen: 12.513 ng m
RT: 7.089 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion: 77 Resp: 31129
Ion Ratio Lower Upper
77 100
105 88.3 70.5 110.5
106 80.6 66.0 106.0

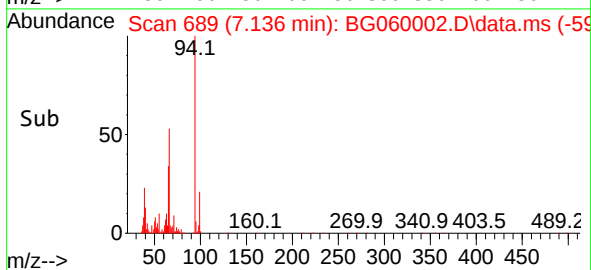
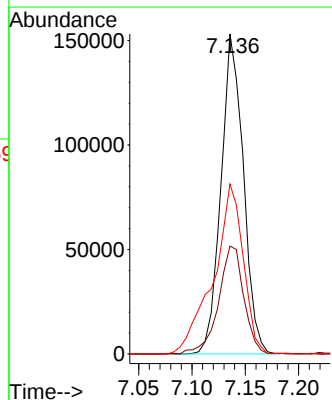
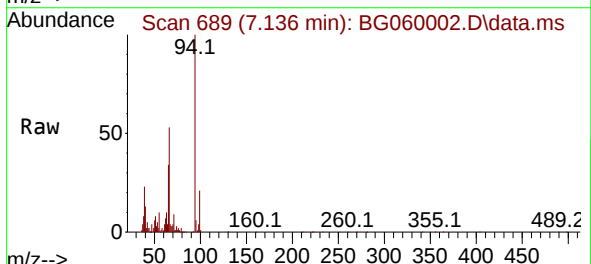
Manual Integrations
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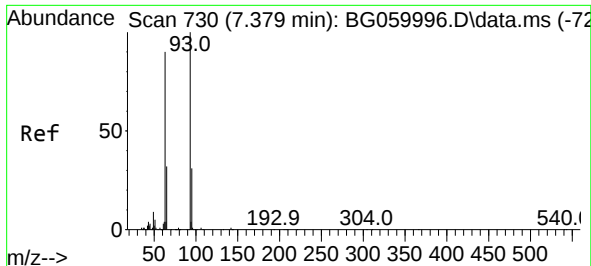
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 54.261 ng
RT: 7.136 min Scan# 689
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 94 Resp: 223009
Ion Ratio Lower Upper
94 100
65 33.7 15.5 55.5
66 53.1 31.6 71.6





#11
bis(2-Chloroethyl)ether
Concen: 45.503 ng
RT: 7.377 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

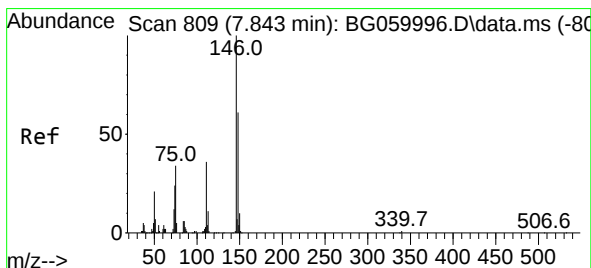
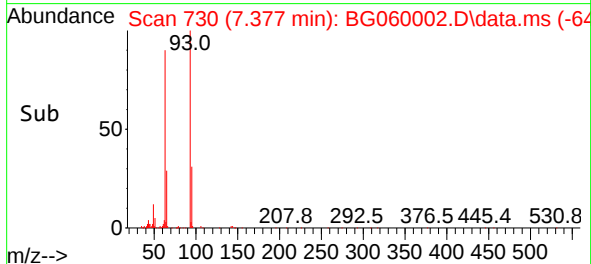
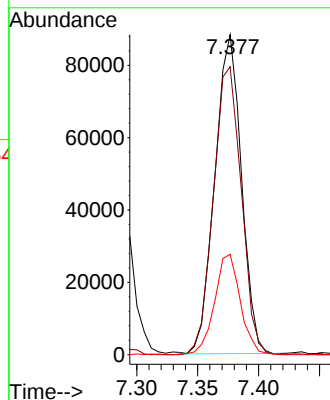
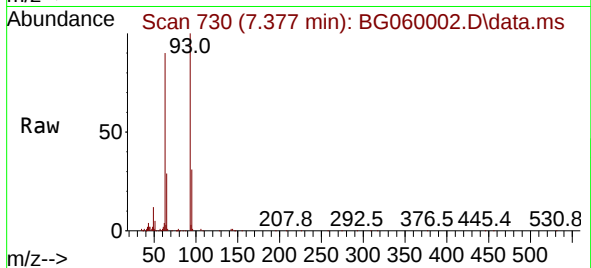
ClientSampleId :

PB157585BS

Tgt Ion: 93 Resp: 13388
Ion Ratio Lower Upper
93 100
63 90.0 69.8 109.8
95 31.4 10.7 50.7

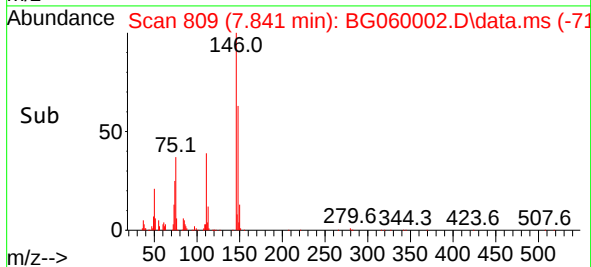
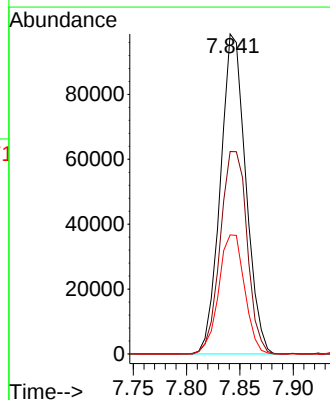
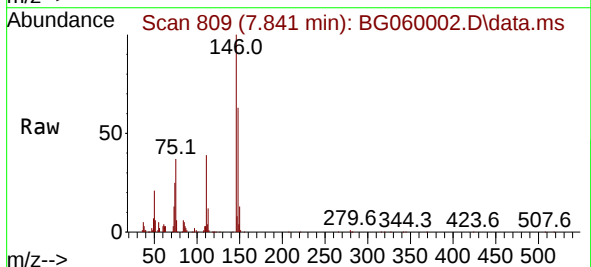
Manual Integrations
APPROVED

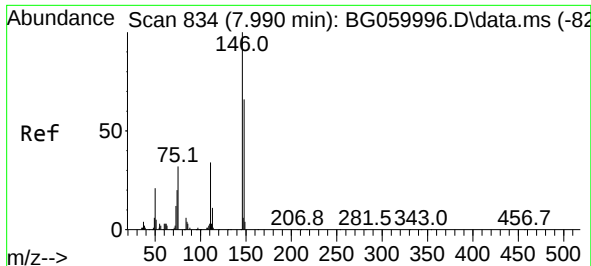
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 44.264 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:146 Resp: 163144
Ion Ratio Lower Upper
146 100
148 63.3 49.1 73.7
75 37.2 27.0 40.6





#13
1,4-Dichlorobenzene
Concen: 45.534 ng
RT: 7.993 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

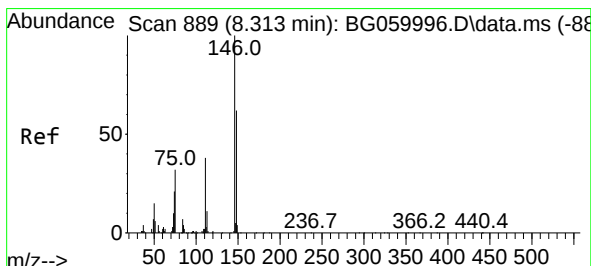
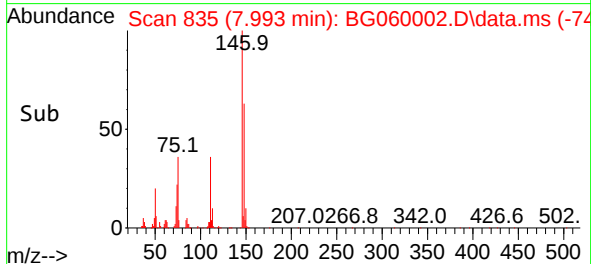
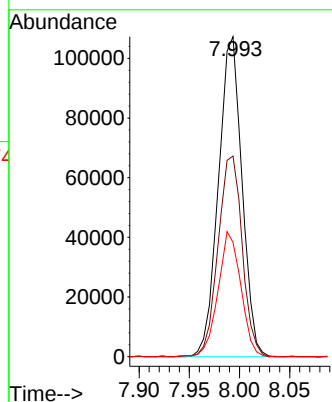
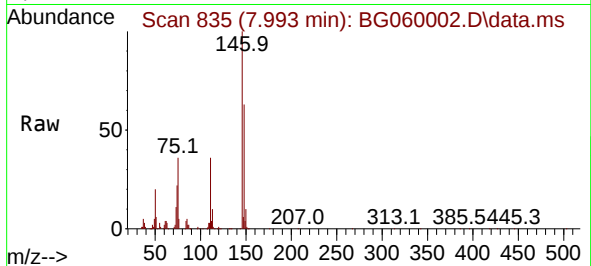
ClientSampleId :

PB157585BS

Tgt Ion:146 Resp: 17463
Ion Ratio Lower Upper
146 100
148 62.7 52.9 79.3
111 35.7 27.6 41.4

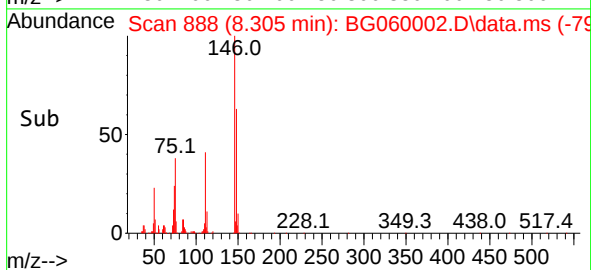
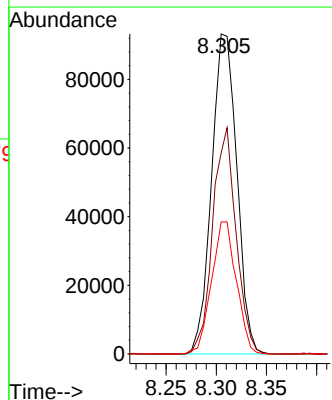
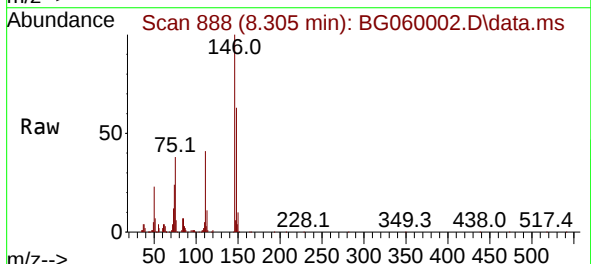
Manual Integrations
APPROVED

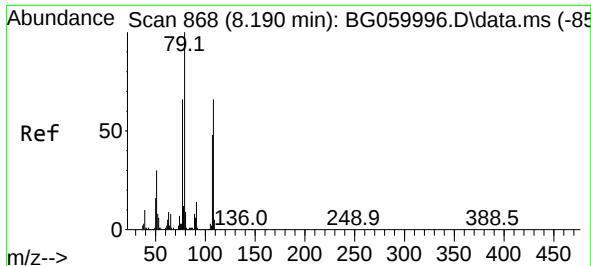
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#14
1,2-Dichlorobenzene
Concen: 44.269 ng
RT: 8.305 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:146 Resp: 163349
Ion Ratio Lower Upper
146 100
148 62.8 49.7 74.5
111 41.3 30.9 46.3





#15
Benzyl Alcohol
Concen: 52.981 ng
RT: 8.187 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

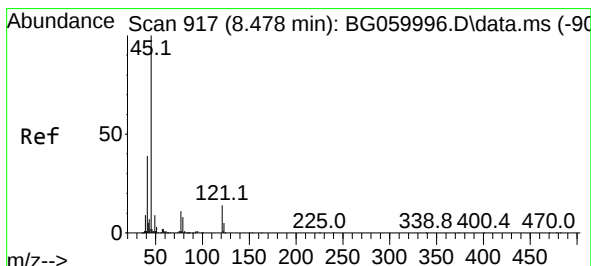
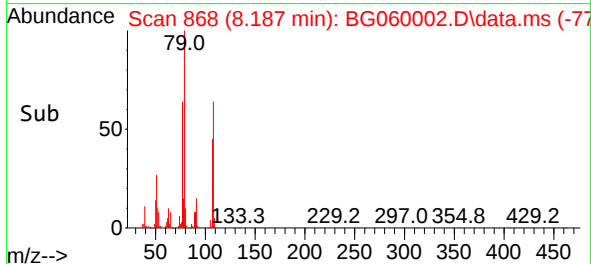
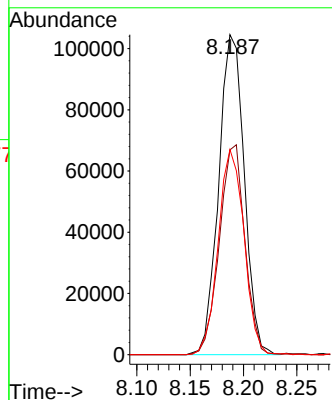
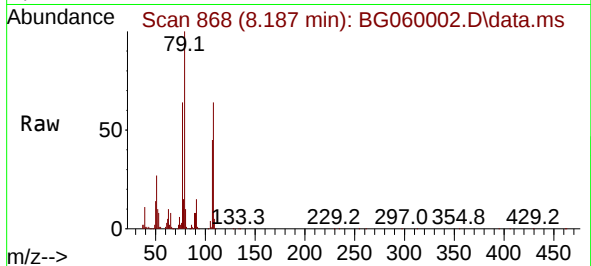
ClientSampleId :

PB157585BS

Tgt Ion: 79 Resp: 17421
Ion Ratio Lower Upper
79 100
108 64.0 53.1 79.7
77 64.1 52.8 79.2

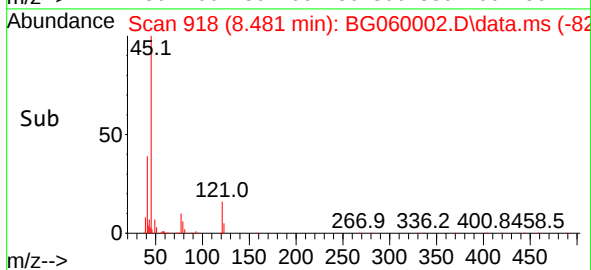
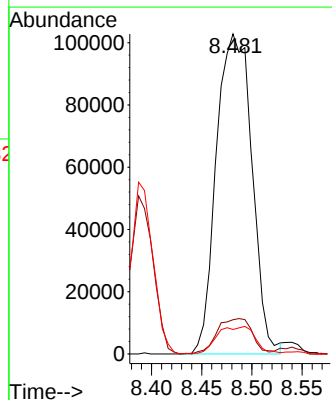
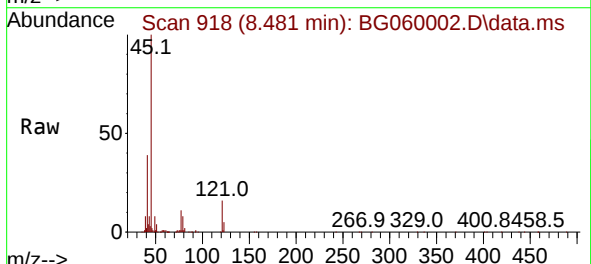
Manual Integrations
APPROVED

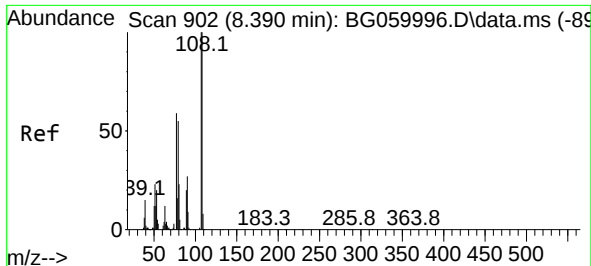
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.072 ng
RT: 8.481 min Scan# 918
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion: 45 Resp: 253100
Ion Ratio Lower Upper
45 100
77 10.7 0.0 31.7
79 7.7 0.0 28.7





#17

2-Methylphenol

Concen: 52.930 ng

RT: 8.393 min Scan# 902

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:107 Resp: 14503

Ion Ratio Lower Upper

107 100

108 119.3 80.7 121.1

77 54.7 47.8 71.6

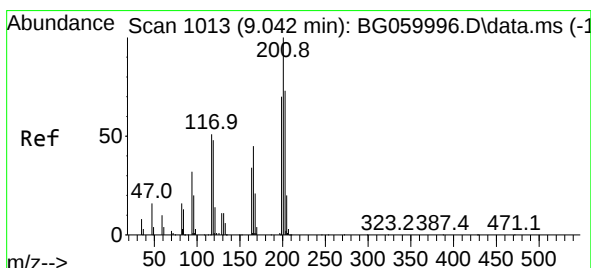
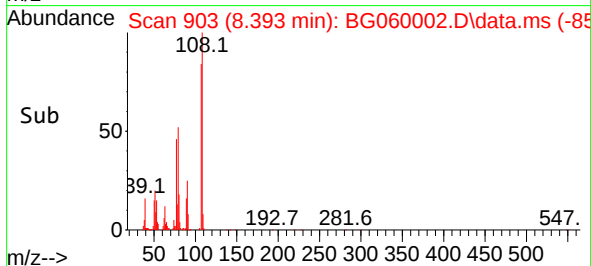
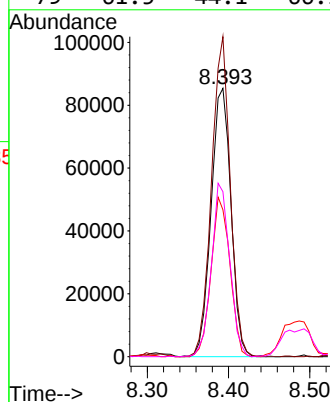
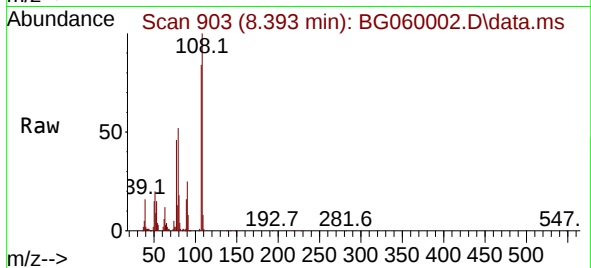
79 61.5 44.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#18

Hexachloroethane

Concen: 43.971 ng

RT: 9.039 min Scan# 1013

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

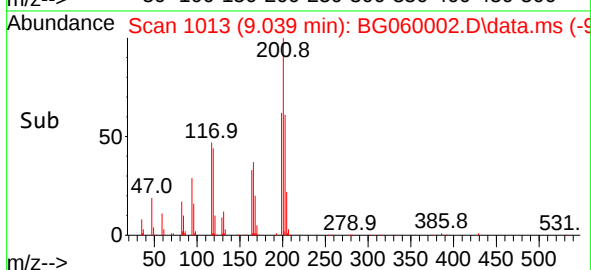
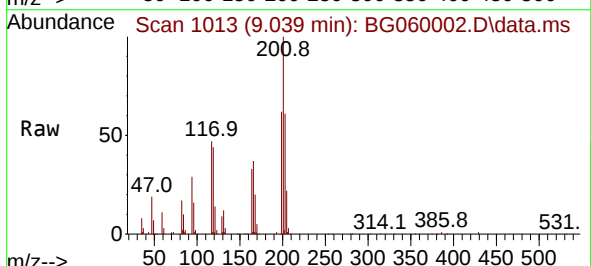
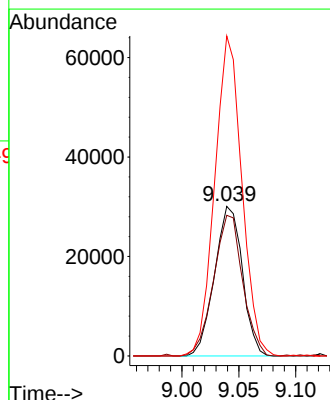
Tgt Ion:117 Resp: 51086

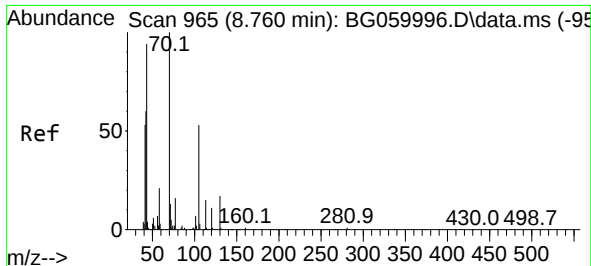
Ion Ratio Lower Upper

117 100

119 93.9 74.5 111.7

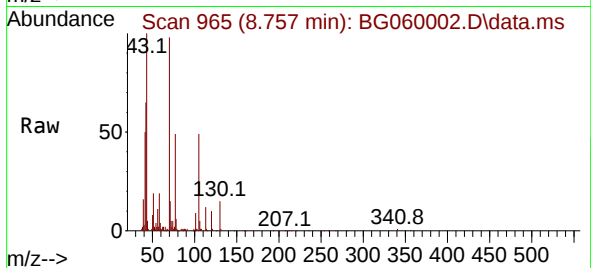
201 213.8 156.5 234.7





#19
n-Nitroso-di-n-propylamine
Concen: 50.128 ng
RT: 8.757 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

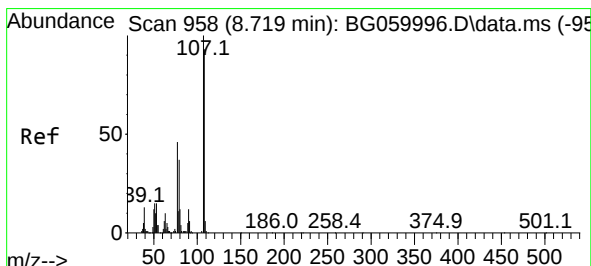
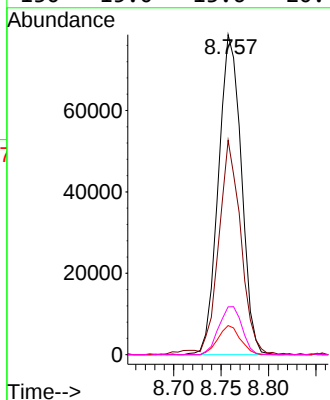
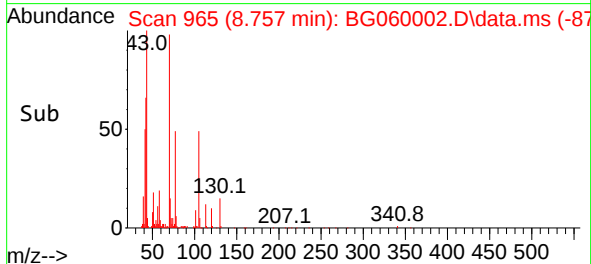
Instrument :
BNA_G
ClientSampleId :
PB157585BS



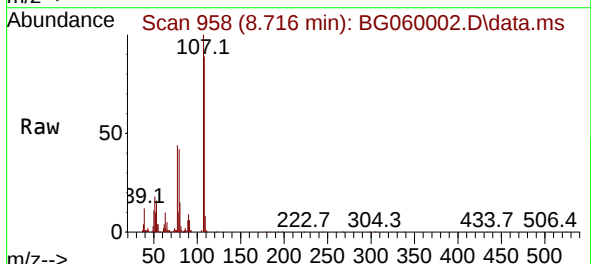
Tgt Ion: 70 Resp: 132310
Ion Ratio Lower Upper
70 100
42 67.0 48.6 73.0
101 9.1 5.7 8.5
130 15.0 13.6 20.4

Manual Integrations
APPROVED

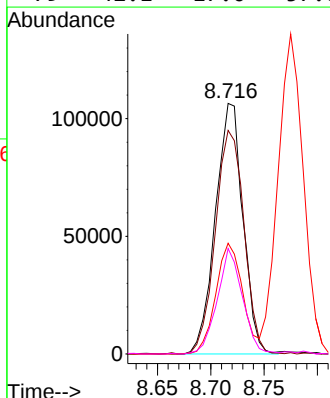
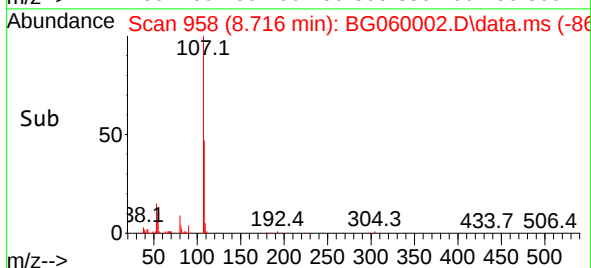
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

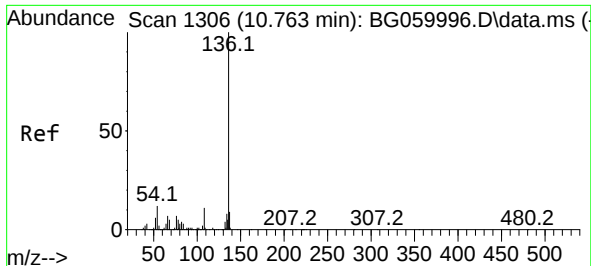


#20
3+4-Methylphenols
Concen: 49.917 ng
RT: 8.716 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion:107 Resp: 191049
Ion Ratio Lower Upper
107 100
108 89.2 72.8 112.8
77 44.2 25.6 65.6
79 42.1 17.0 57.0





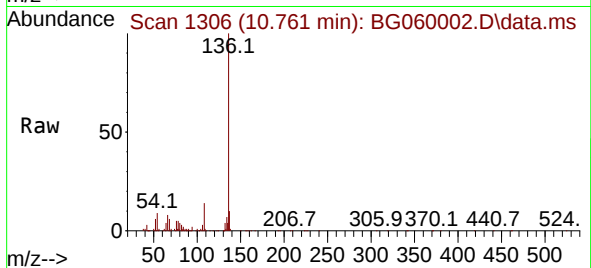
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS



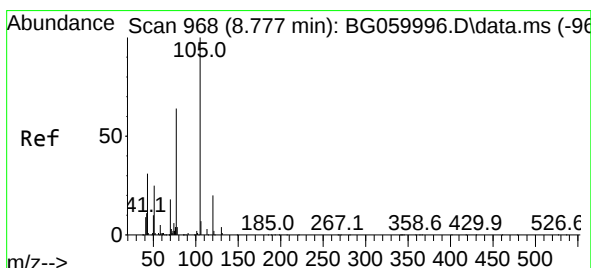
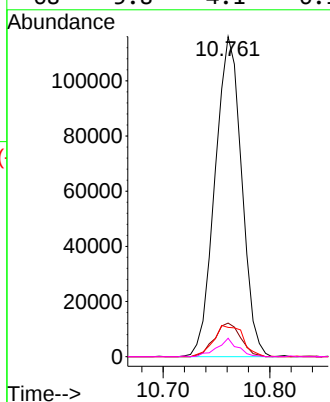
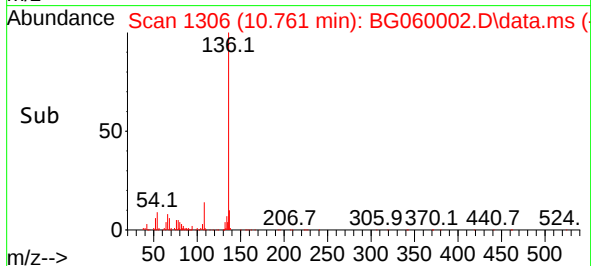
Tgt Ion:136 Resp: 201015
Ion Ratio Lower Upper
136 100
137 10.5 7.3 10.9
54 9.1 9.6 14.4
68 5.8 4.1 6.1

Manual Integrations

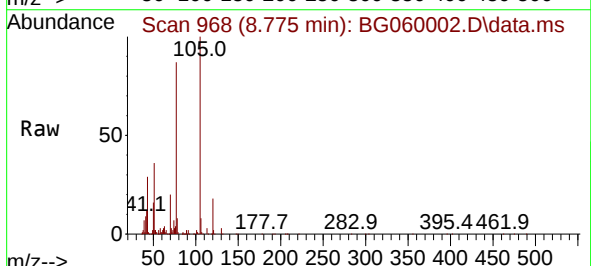
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

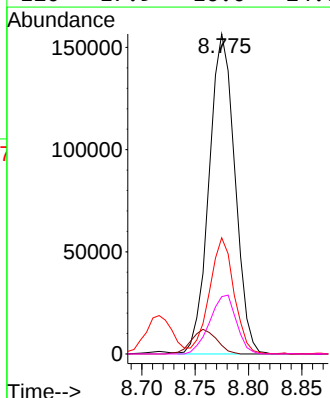
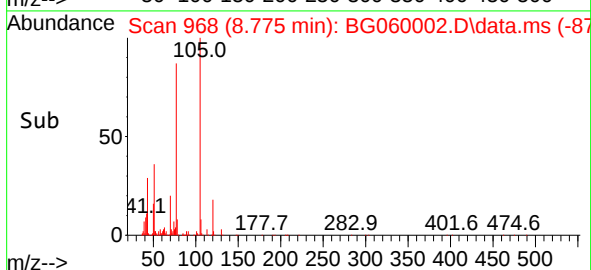
Supervised By :mohammad ahmed 12/14/2023

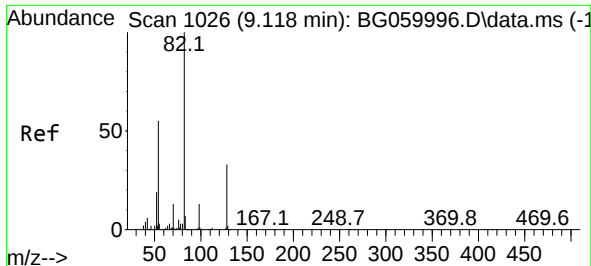


#22
Acetophenone
Concen: 45.011 ng
RT: 8.775 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion:105 Resp: 263662
Ion Ratio Lower Upper
105 100
71 2.7 2.1 3.1
51 36.3 25.4 38.0
120 17.9 16.0 24.0





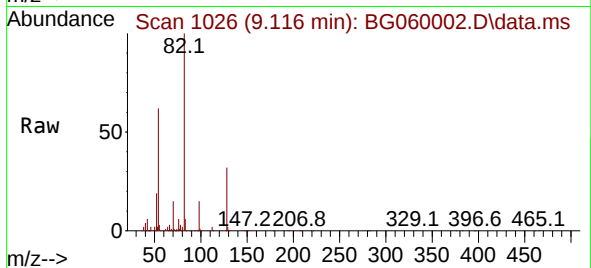
#23
Nitrobenzene-d5
Concen: 87.175 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

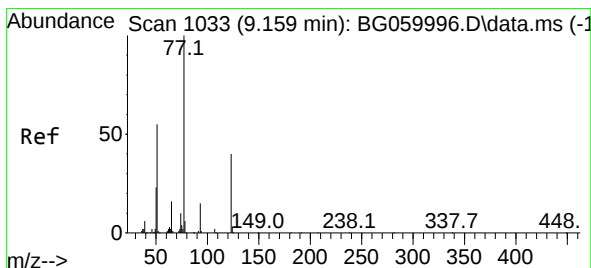
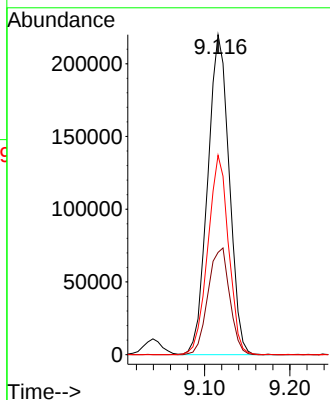
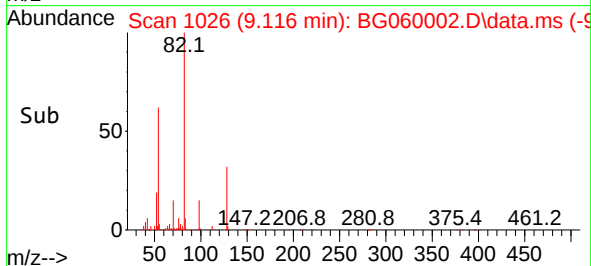
PB157585BS



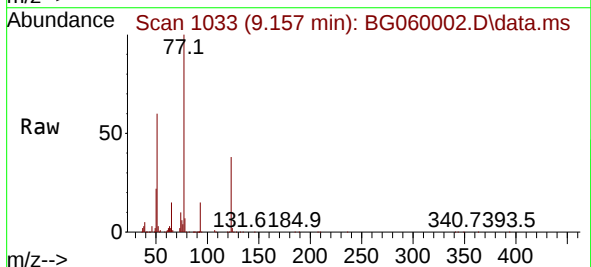
Tgt Ion: 82 Resp: 385908
Ion Ratio Lower Upper
82 100
128 31.9 26.3 39.5
54 62.3 44.3 66.5

Manual Integrations
APPROVED

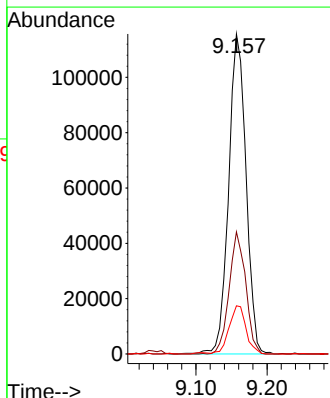
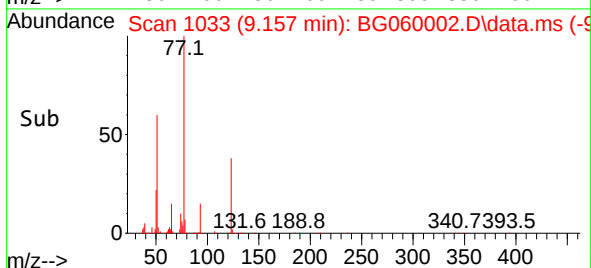
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

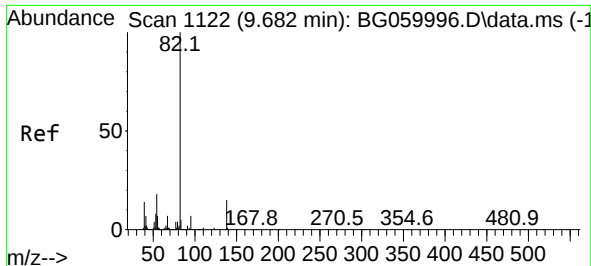


#24
Nitrobenzene
Concen: 43.751 ng
RT: 9.157 min Scan# 1033
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion: 77 Resp: 196632
Ion Ratio Lower Upper
77 100
123 38.1 32.1 48.1
65 15.0 13.0 19.4





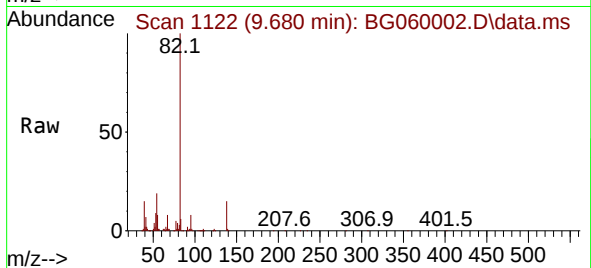
#25
Isophorone
Concen: 42.220 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

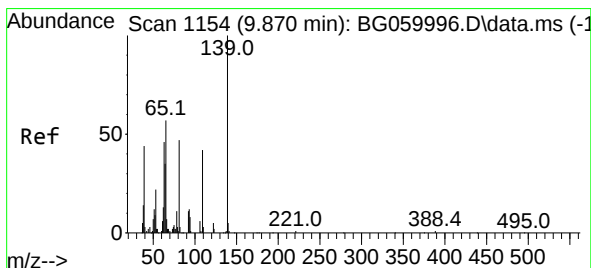
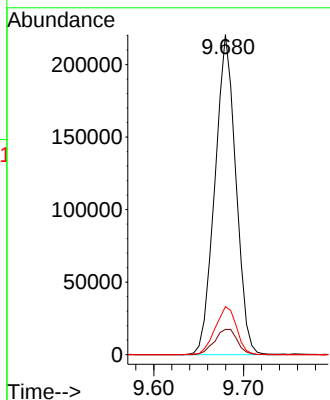
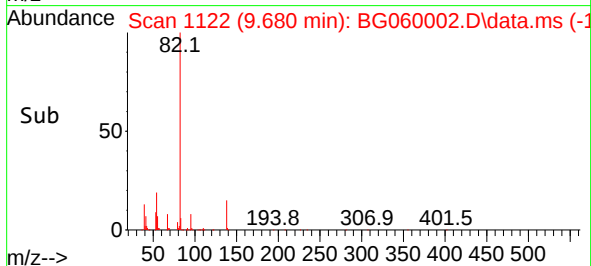


Tgt Ion: 82 Resp: 357712
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.0 11.6 17.4

Manual Integrations

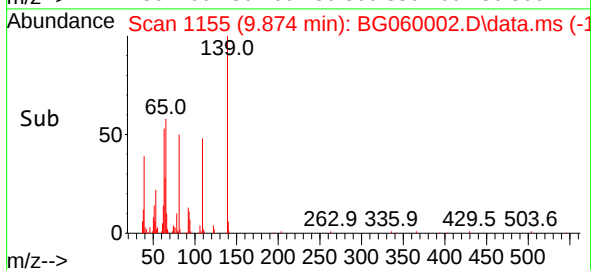
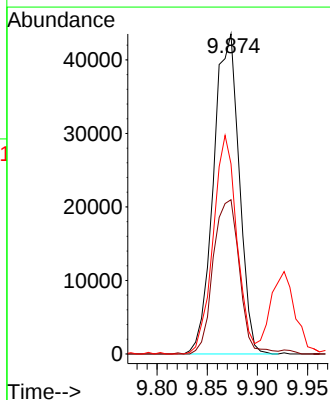
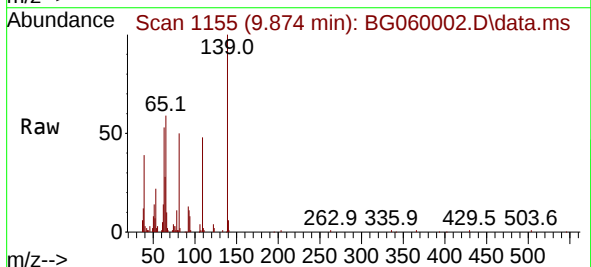
APPROVED

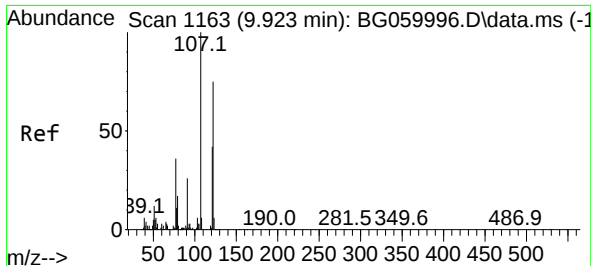
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 46.676 ng
RT: 9.874 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:139 Resp: 77150
Ion Ratio Lower Upper
139 100
109 48.2 33.8 50.6
65 59.4 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 60.025 ng

RT: 9.927 min Scan# 1164

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:122 Resp: 135994

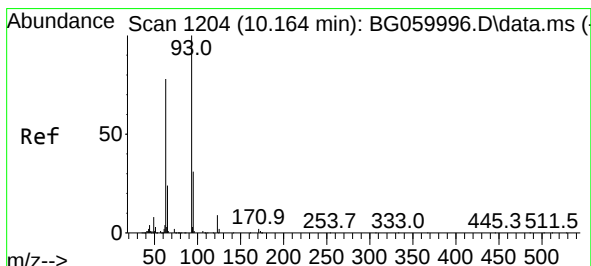
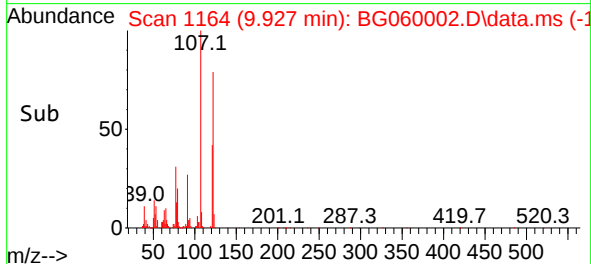
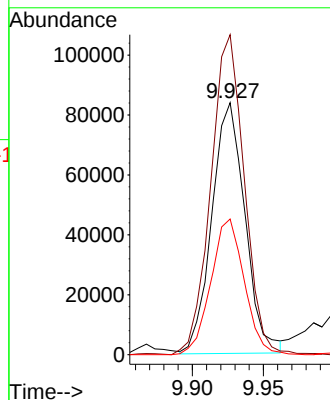
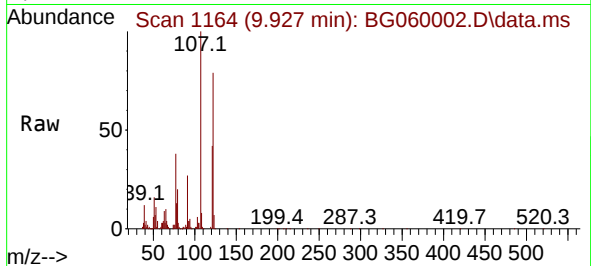
Ion	Ratio	Lower	Upper
122	100		
107	127.0	105.9	158.9
121	53.9	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.850 ng

RT: 10.167 min Scan# 1205

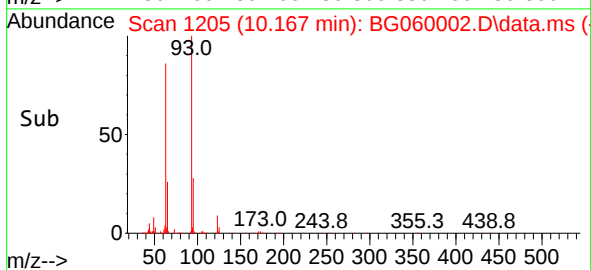
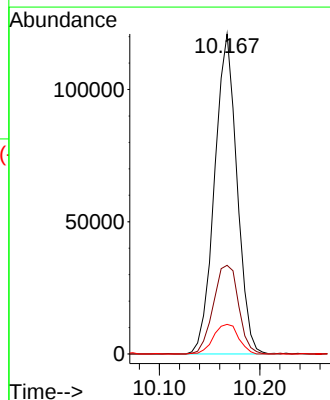
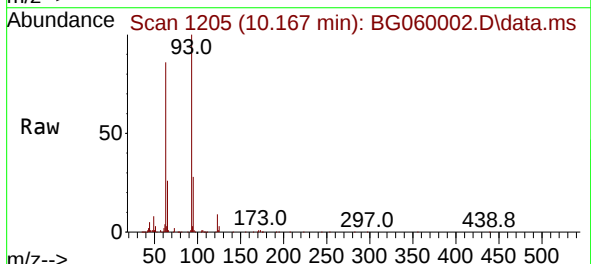
Delta R.T. 0.003 min

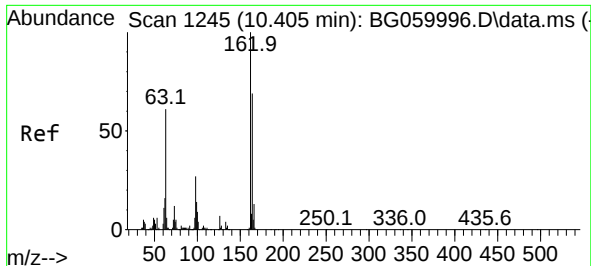
Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Tgt Ion: 93 Resp: 187445

Ion	Ratio	Lower	Upper
93	100		
95	27.7	24.7	37.1
123	9.3	7.5	11.3





#29

2,4-Dichlorophenol

Concen: 49.612 ng

RT: 10.402 min Scan# 1245

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:162 Resp: 20188

Ion Ratio Lower Upper

162 100

164 61.4 48.8 88.8

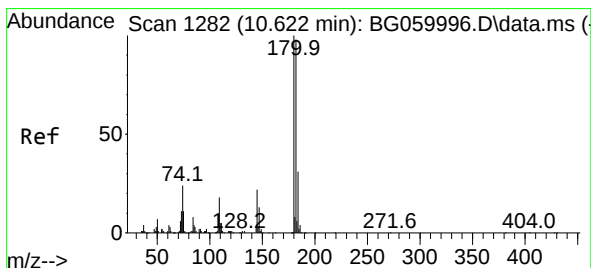
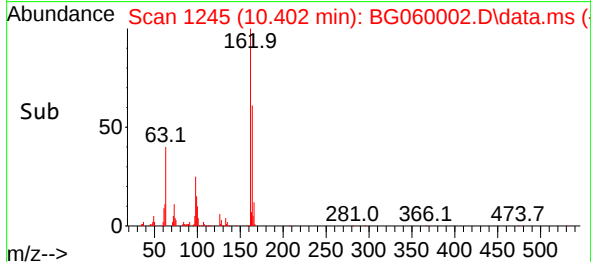
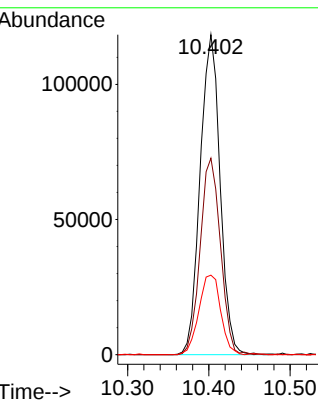
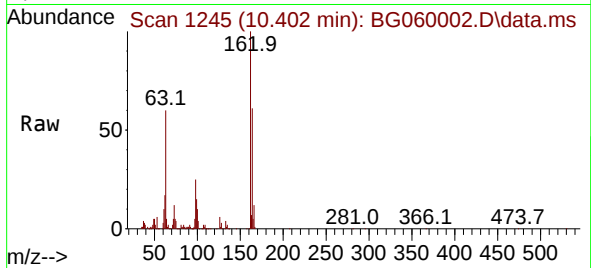
98 24.8 7.2 47.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.480 ng

RT: 10.620 min Scan# 1282

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

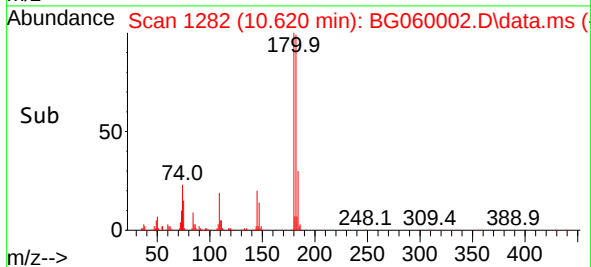
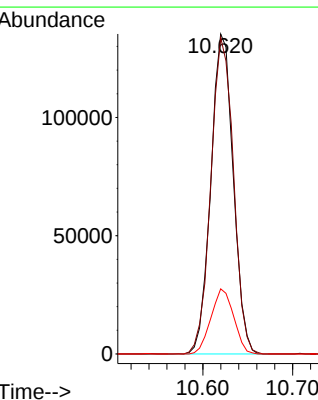
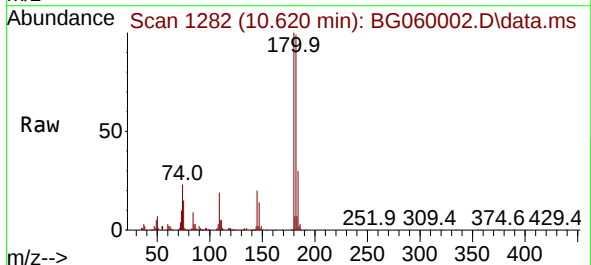
Tgt Ion:180 Resp: 233982

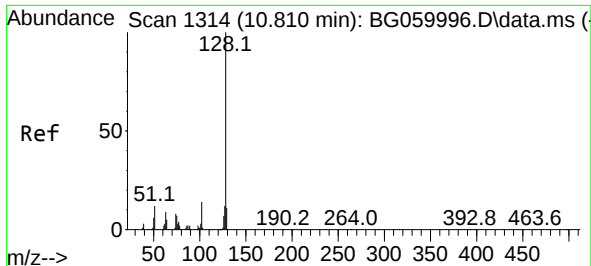
Ion Ratio Lower Upper

180 100

182 98.9 78.2 117.4

145 20.4 17.2 25.8





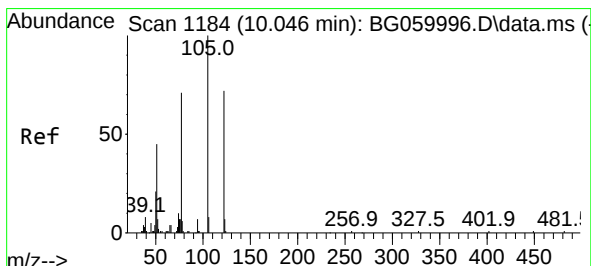
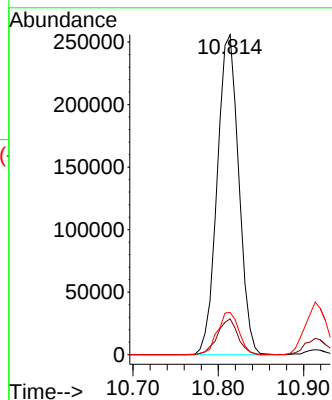
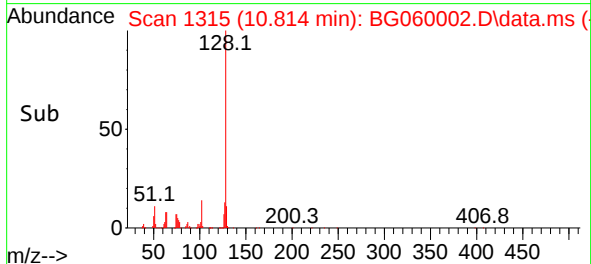
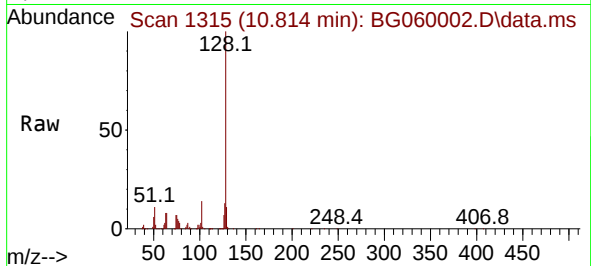
#31
Naphthalene
Concen: 42.887 ng
RT: 10.814 min Scan# 1184
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion:128 Resp: 448784
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 9.7 14.5

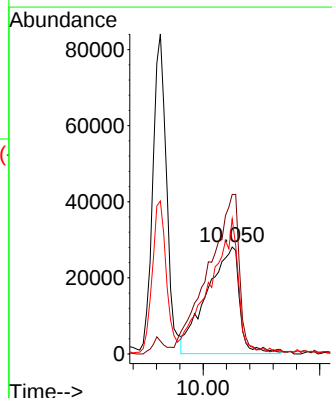
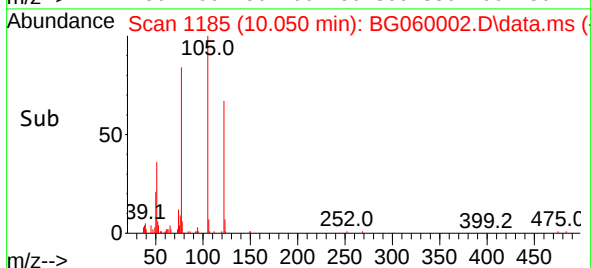
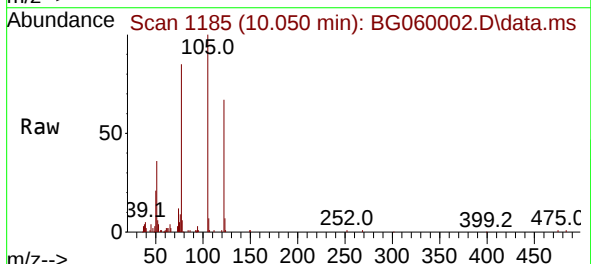
Manual Integrations
APPROVED

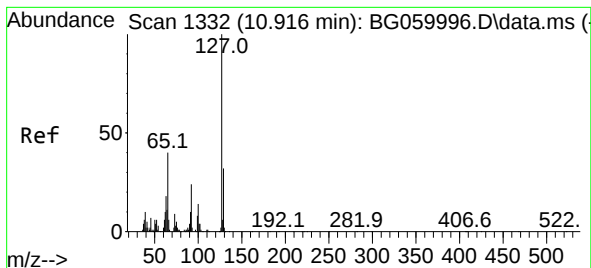
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 52.920 ng m
RT: 10.050 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:122 Resp: 109062
Ion Ratio Lower Upper
122 100
105 149.2 106.2 146.2#
77 126.4 80.4 120.4#





#33
4-Chloroaniline
Concen: 18.613 ng
RT: 10.914 min Scan# 1332
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

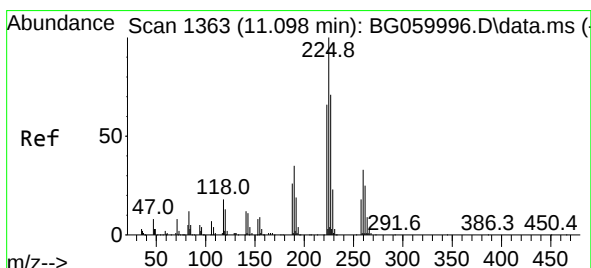
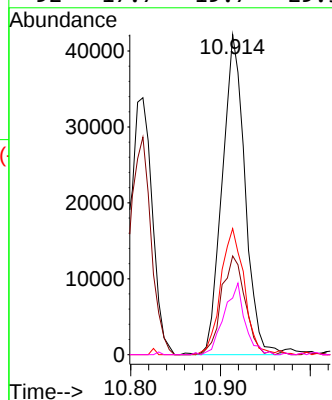
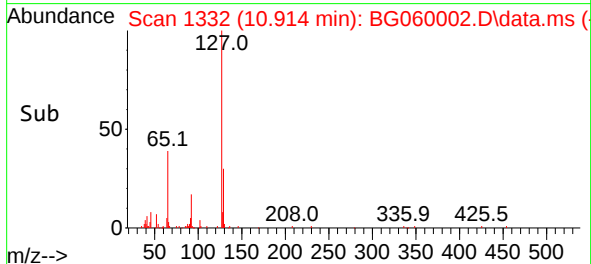
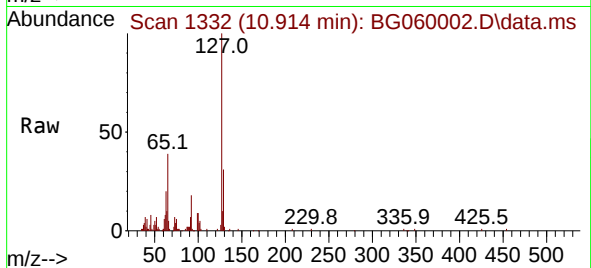
PB157585BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.7	38.5
65	39.4	32.3	48.5
92	17.7	19.7	29.5

Manual Integrations

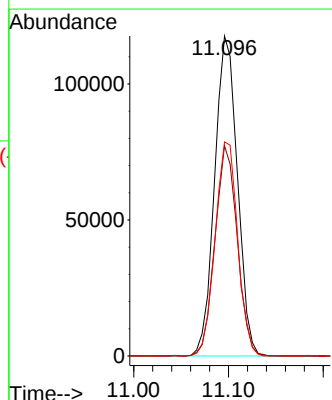
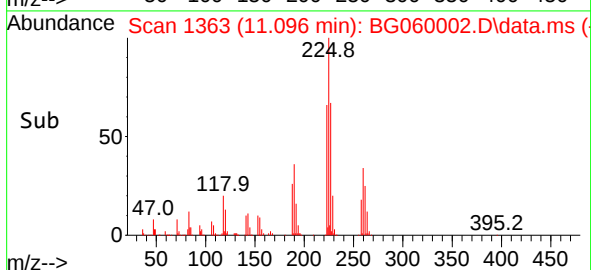
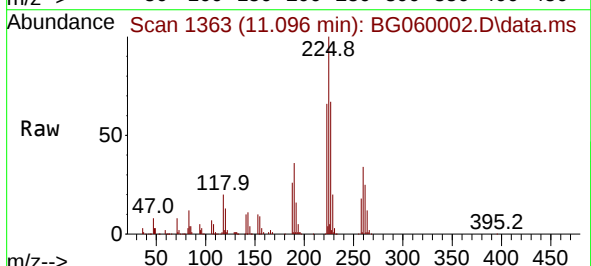
APPROVED

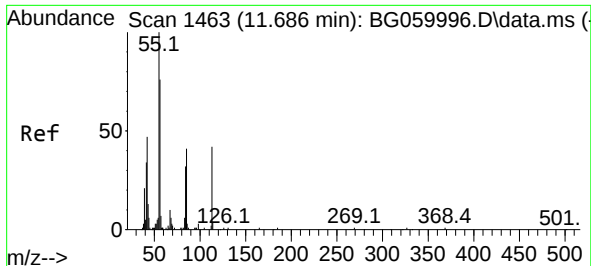
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 38.873 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

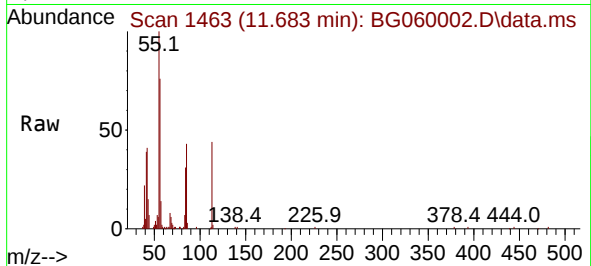
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	52.4	78.6
227	66.9	56.6	85.0





#35
Caprolactam
Concen: 51.047 ng m
RT: 11.683 min Scan# 1463
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

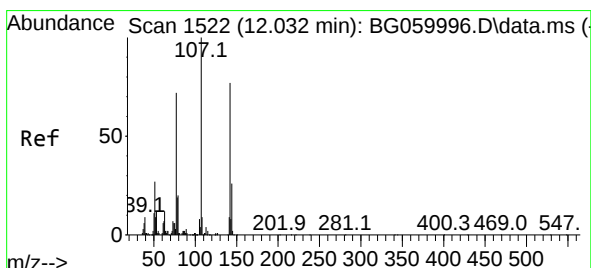
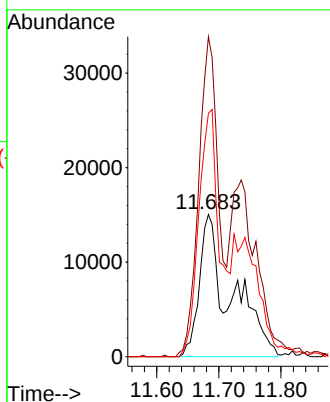
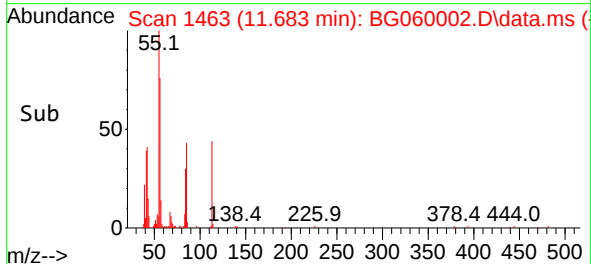
Instrument :
BNA_G
ClientSampleId :
PB157585BS



Tgt Ion:113 Resp: 5276
Ion Ratio Lower Upper
113 100
55 224.9 219.5 259.5
56 171.1 161.6 201.6

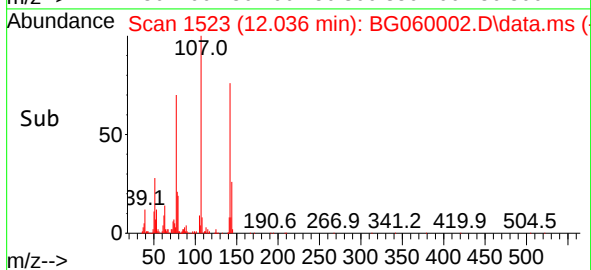
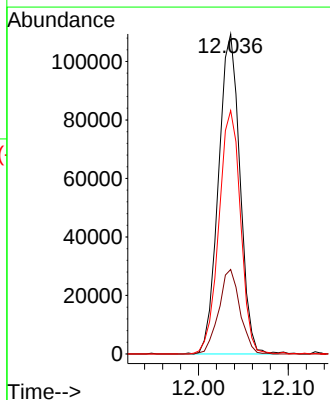
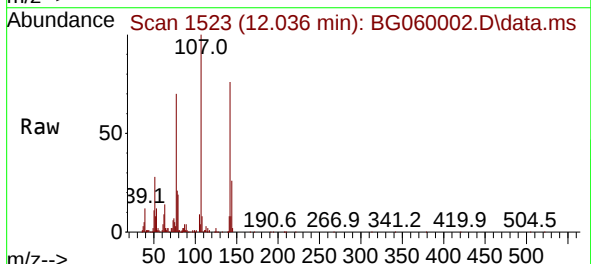
Manual Integrations
APPROVED

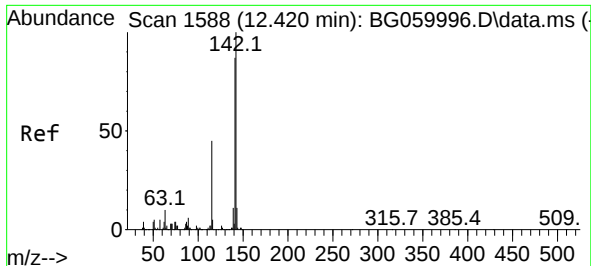
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 48.966 ng
RT: 12.036 min Scan# 1523
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:107 Resp: 181215
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 76.1 61.4 92.0





#37
2-Methylnaphthalene
Concen: 42.650 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

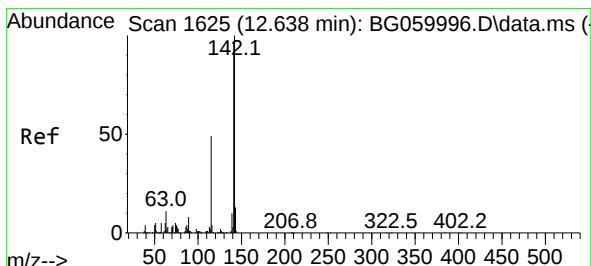
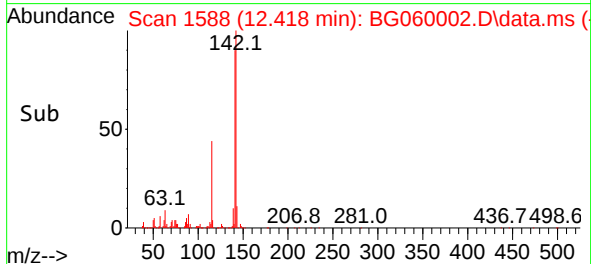
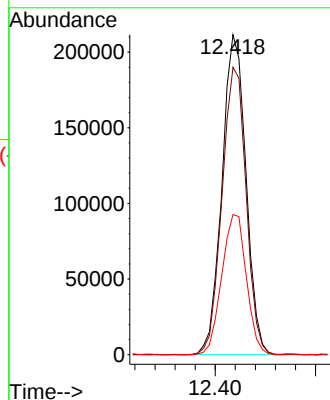
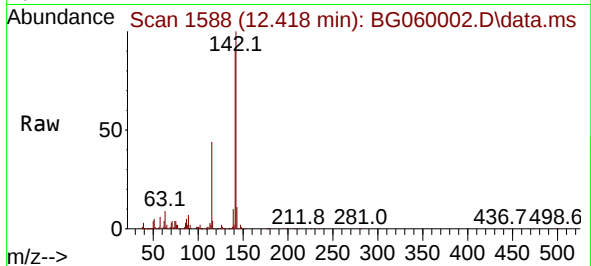
ClientSampleId :

PB157585BS

Tgt Ion:142 Resp: 35004
Ion Ratio Lower Upper
142 100
141 89.8 69.9 104.9
115 43.8 36.1 54.1

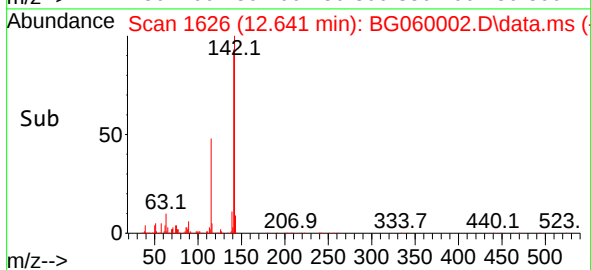
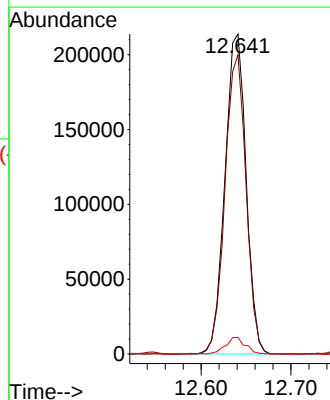
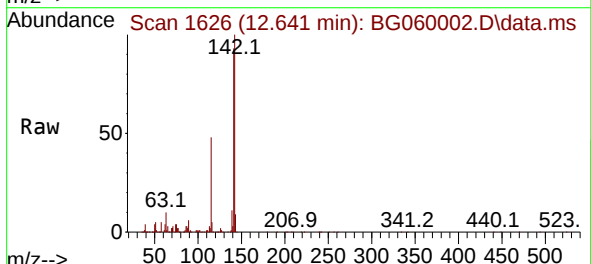
Manual Integrations
APPROVED

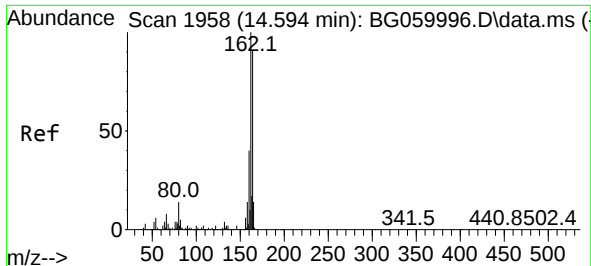
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 43.186 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:142 Resp: 350125
Ion Ratio Lower Upper
142 100
141 93.5 76.9 115.3
116 5.2 3.5 5.3





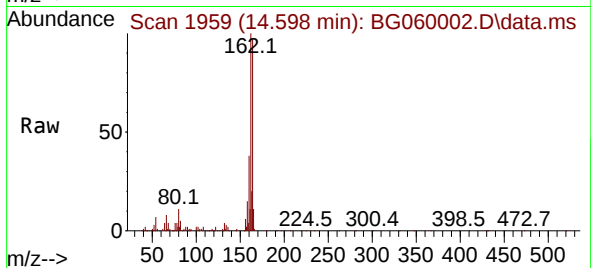
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

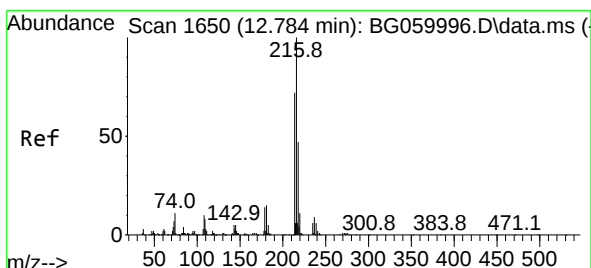
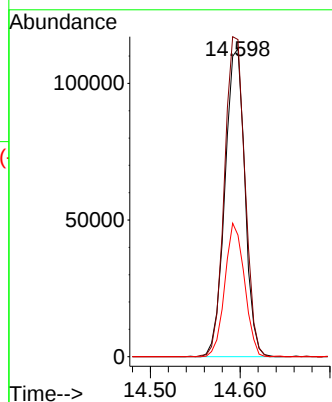
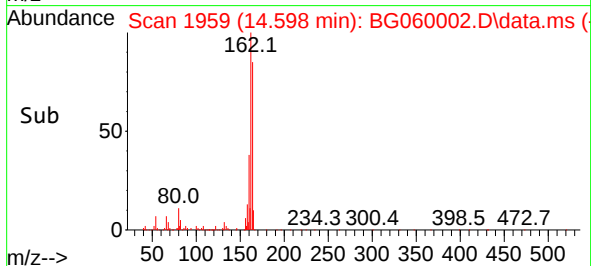
PB157585BS



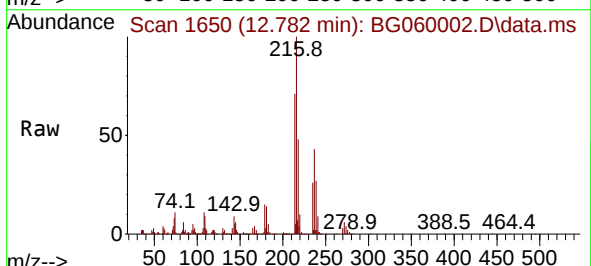
Tgt Ion:164 Resp: 17431
Ion Ratio Lower Upper
164 100
162 103.0 88.1 132.1
160 39.5 35.4 53.0

Manual Integrations
APPROVED

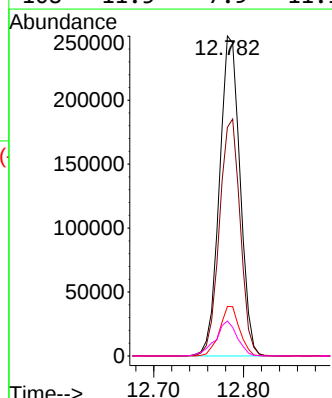
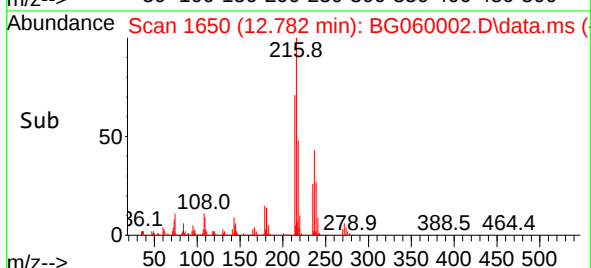
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

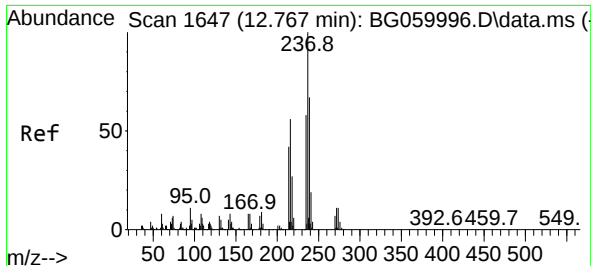


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.835 ng
RT: 12.782 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion:216 Resp: 398356
Ion Ratio Lower Upper
216 100
214 74.5 60.3 90.5
179 15.0 11.9 17.9
108 11.5 7.9 11.9





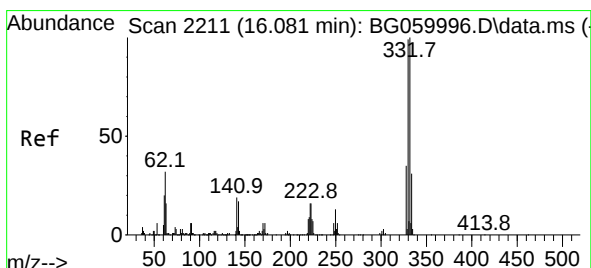
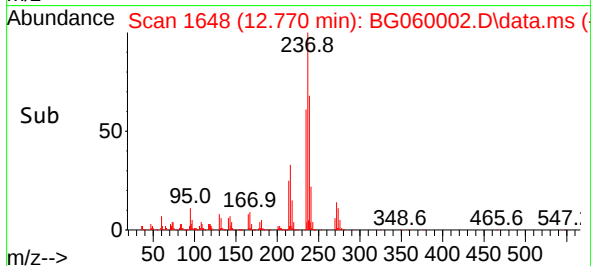
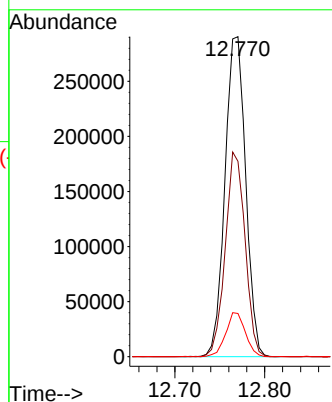
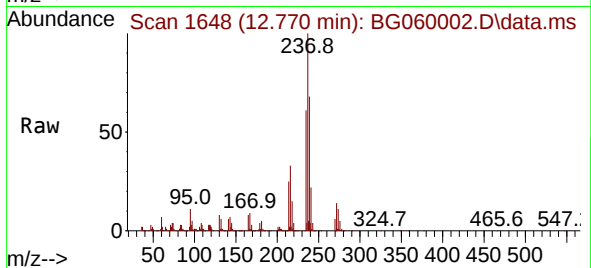
#41
Hexachlorocyclopentadiene
Concen: 123.878 ng
RT: 12.770 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion:237 Resp: 465130
Ion Ratio Lower Upper
237 100
235 61.1 38.5 78.5
272 13.5 0.0 31.2

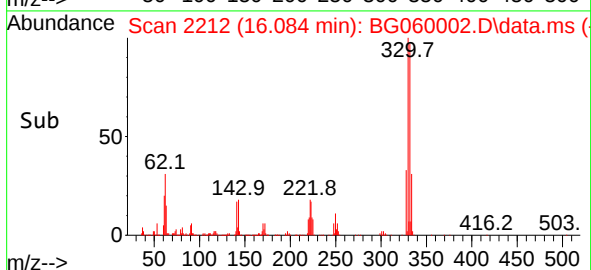
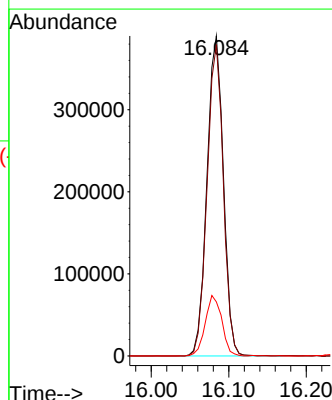
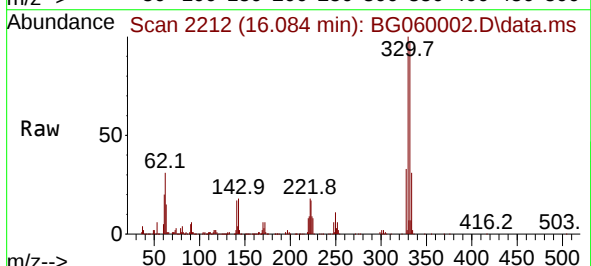
Manual Integrations
APPROVED

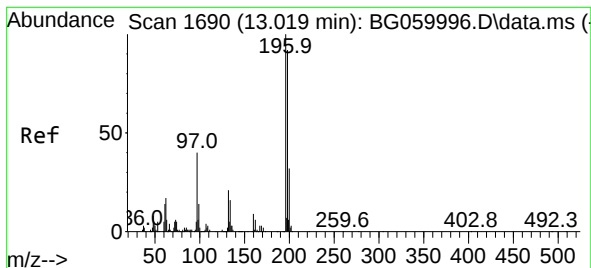
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#42
2,4,6-Tribromophenol
Concen: 141.313 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

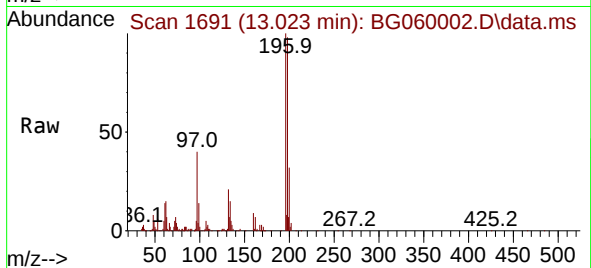
Tgt Ion:330 Resp: 574071
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 19.0 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 46.155 ng
RT: 13.023 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

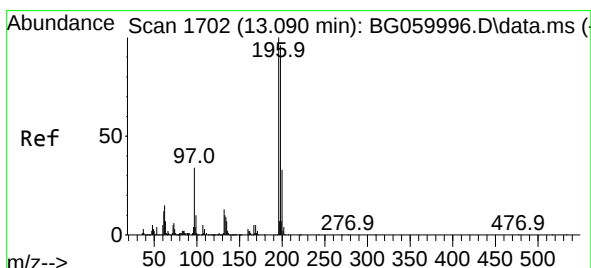
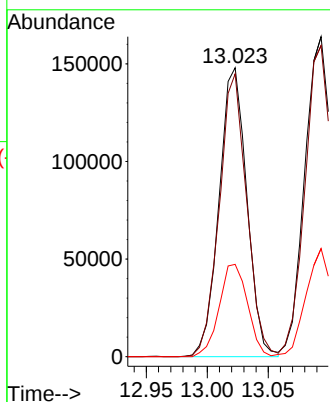
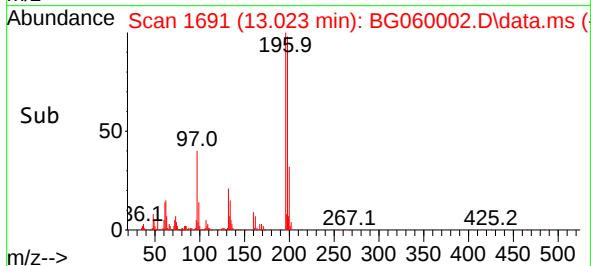
Instrument :
BNA_G
ClientSampleId :
PB157585BS



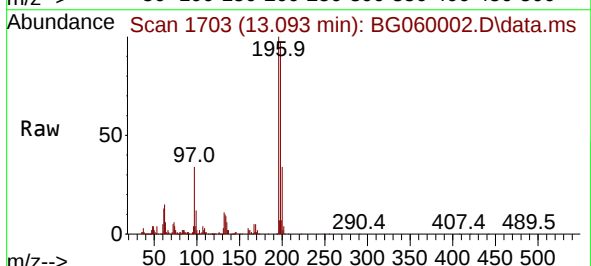
Tgt Ion:196 Resp: 235170
Ion Ratio Lower Upper
196 100
198 97.9 73.4 110.0
200 32.0 26.1 39.1

Manual Integrations
APPROVED

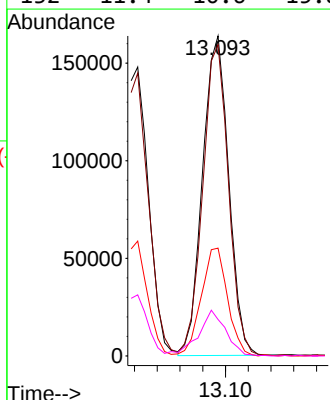
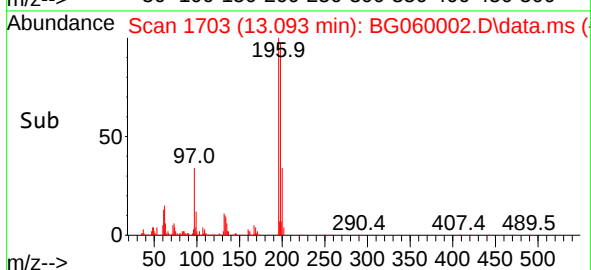
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

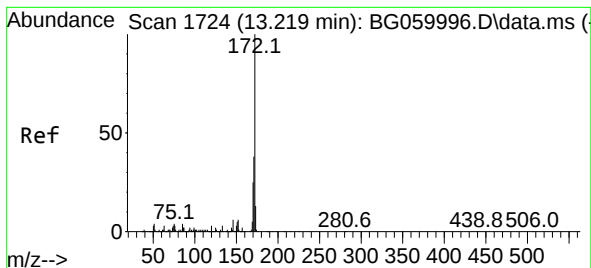


#44
2,4,5-Trichlorophenol
Concen: 47.175 ng
RT: 13.093 min Scan# 1703
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion:196 Resp: 261455
Ion Ratio Lower Upper
196 100
198 97.3 76.4 114.6
97 33.7 27.0 40.4
132 11.4 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 84.844 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

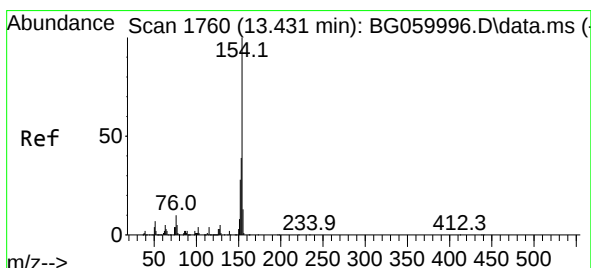
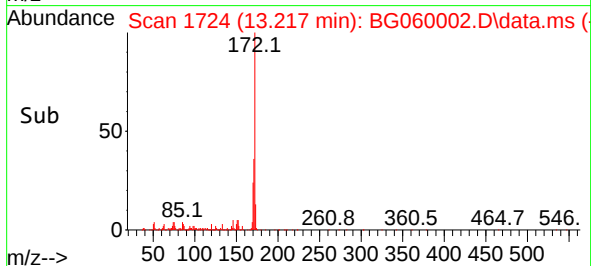
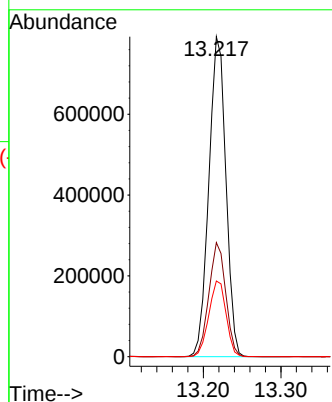
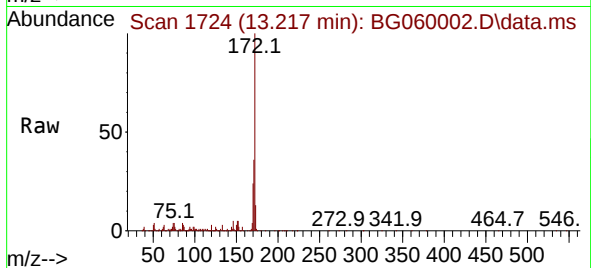
PB157585BS

Tgt Ion:172 Resp: 1208410
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 23.7 20.0 30.0

Manual Integrations

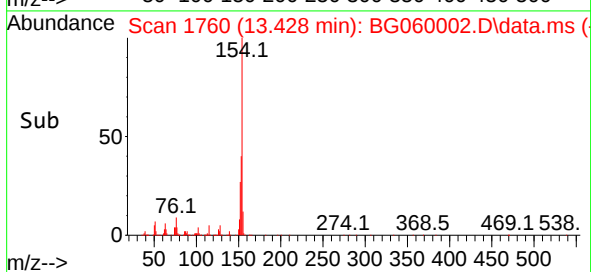
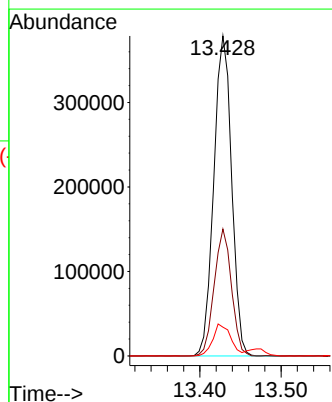
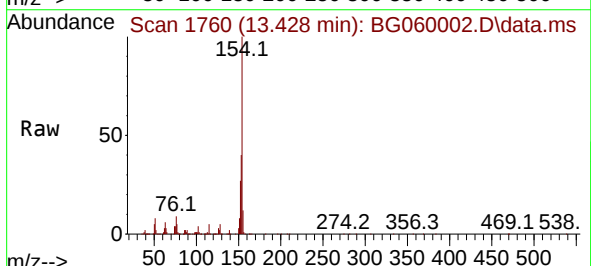
APPROVED

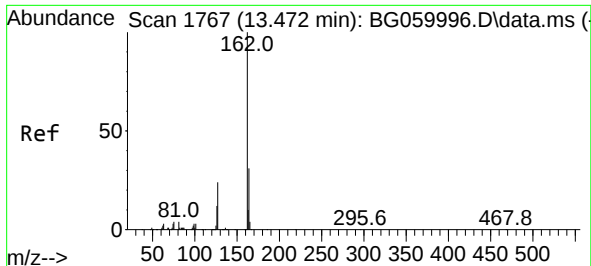
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#46
1,1'-Biphenyl
Concen: 44.642 ng
RT: 13.428 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:154 Resp: 577112
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 9.0 0.0 29.9





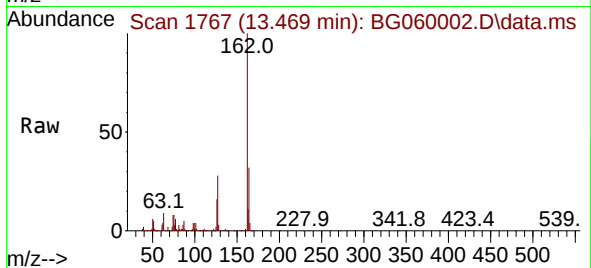
#47
2-Chloronaphthalene
Concen: 41.850 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS



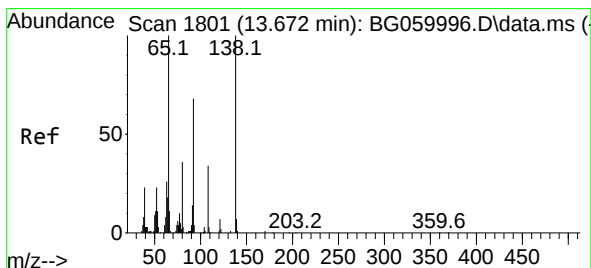
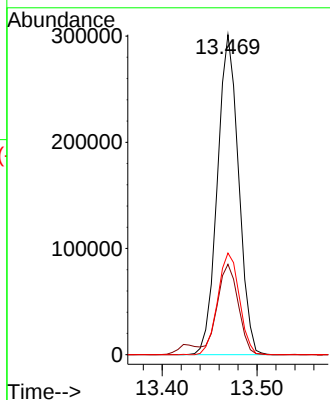
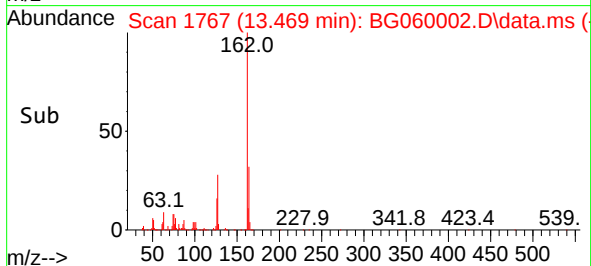
Tgt Ion:162 Resp: 468542
Ion Ratio Lower Upper
162 100
127 28.3 21.8 32.6
164 31.7 25.2 37.8

Manual Integrations

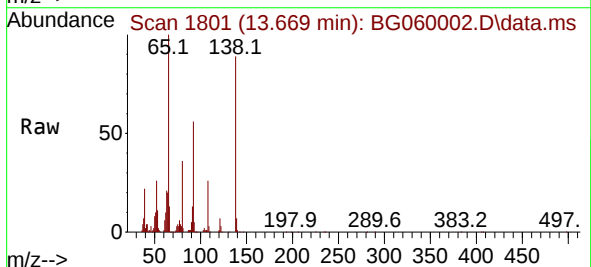
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

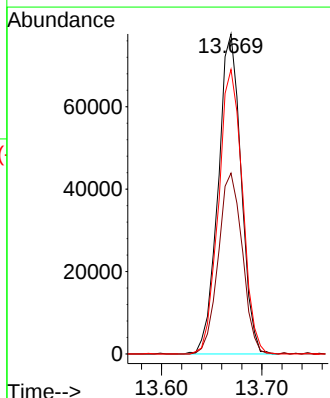
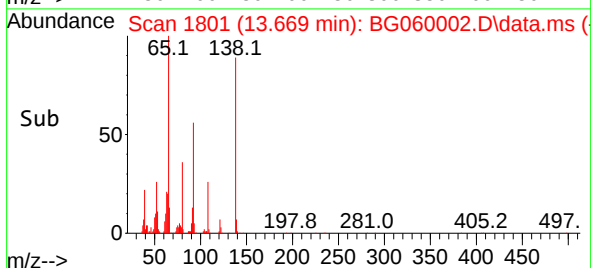
Supervised By :mohammad ahmed 12/14/2023

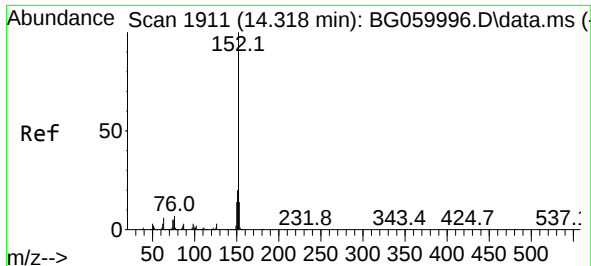


#48
2-Nitroaniline
Concen: 51.020 ng
RT: 13.669 min Scan# 1801
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion: 65 Resp: 123304
Ion Ratio Lower Upper
65 100
92 56.5 54.6 81.8
138 88.9 80.2 120.2





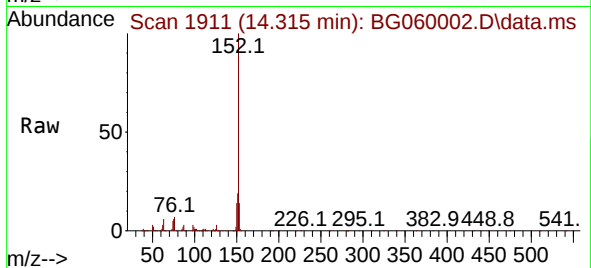
#49
Acenaphthylene
Concen: 47.228 ng
RT: 14.315 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

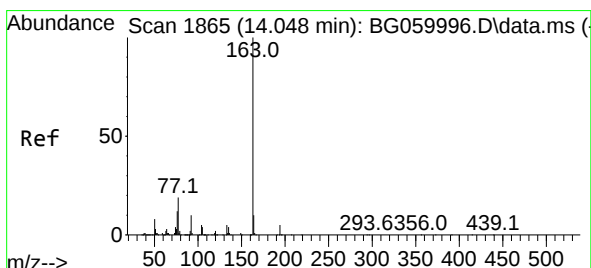
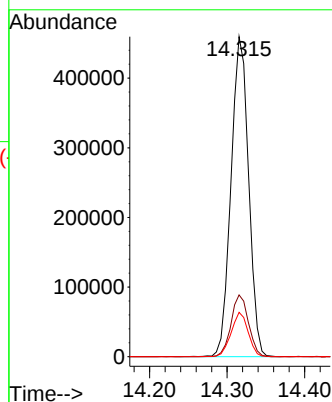
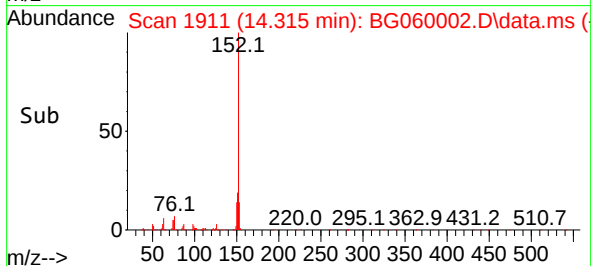


Tgt Ion:152 Resp: 72327
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.9 11.0 16.4

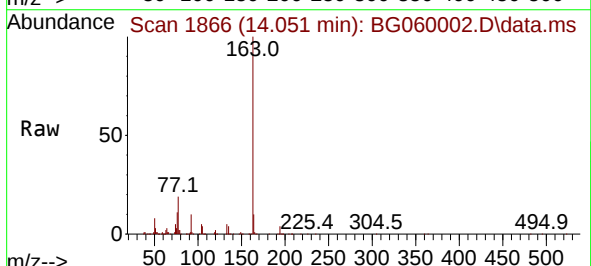
Manual Integrations

APPROVED

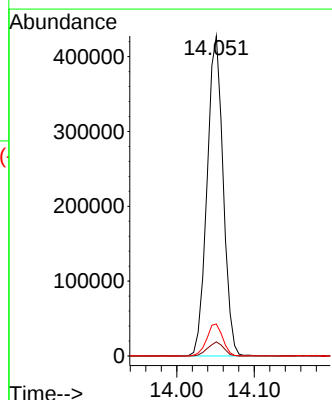
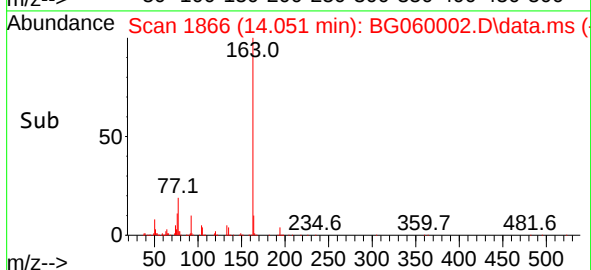
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

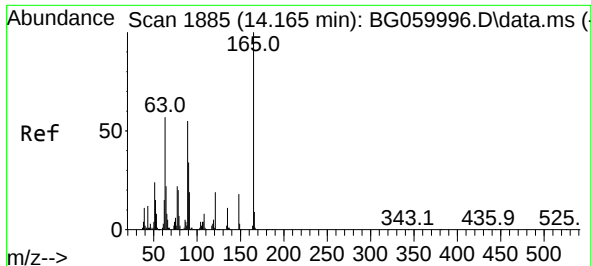


#50
Dimethylphthalate
Concen: 45.401 ng
RT: 14.051 min Scan# 1866
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



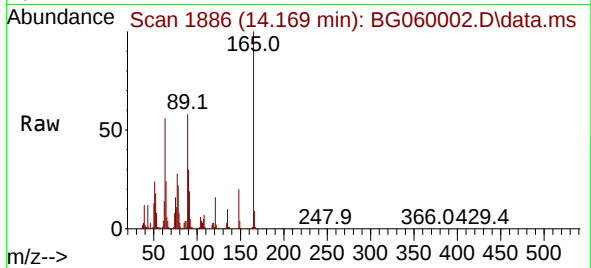
Tgt Ion:163 Resp: 614312
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.936 ng
RT: 14.169 min Scan# 1885
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

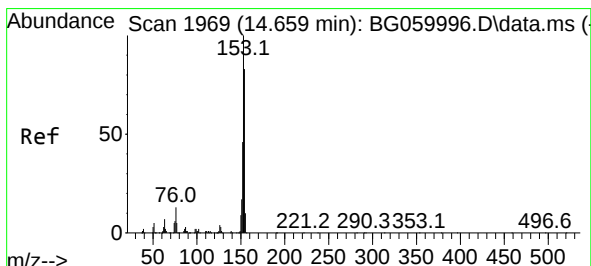
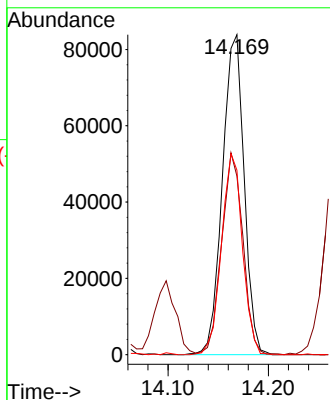
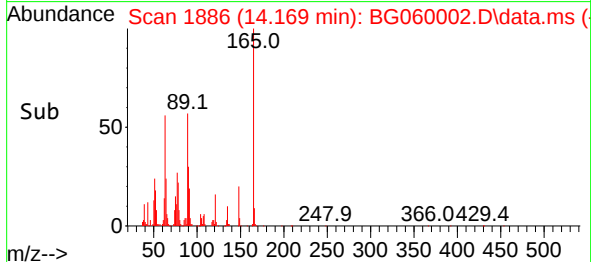
Instrument :
BNA_G
ClientSampleId :
PB157585BS



Tgt Ion:165 Resp: 125949
Ion Ratio Lower Upper
165 100
63 55.8 48.2 72.2
89 57.7 44.4 66.6

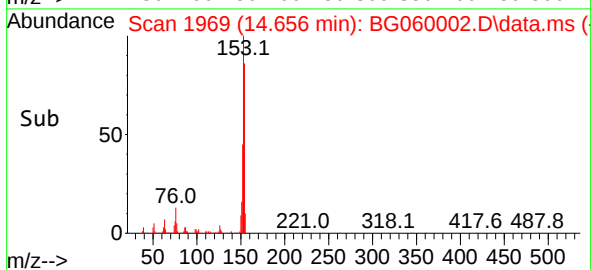
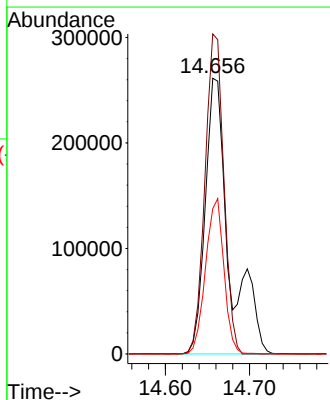
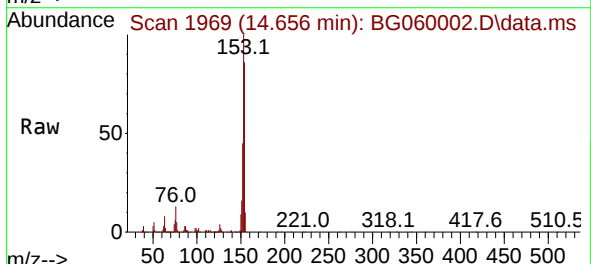
Manual Integrations
APPROVED

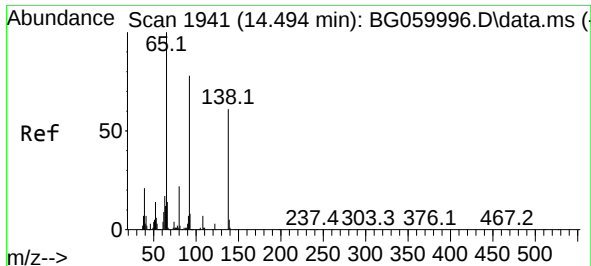
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#52
Acenaphthene
Concen: 49.336 ng m
RT: 14.656 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:154 Resp: 520096
Ion Ratio Lower Upper
154 100
153 116.1 96.0 144.0
152 52.7 44.3 66.5





#53
3-Nitroaniline
Concen: 27.680 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

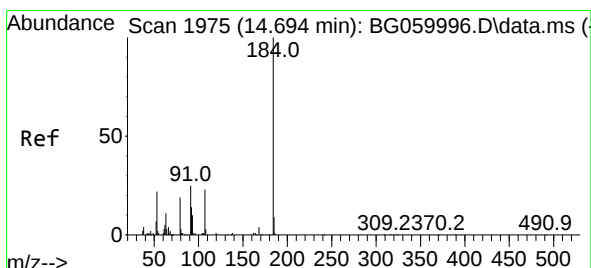
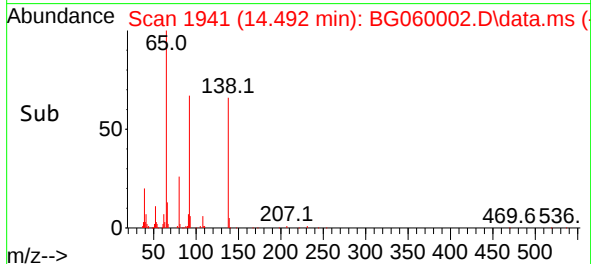
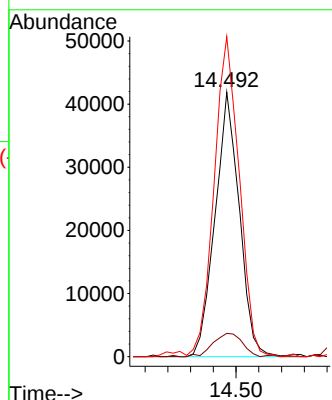
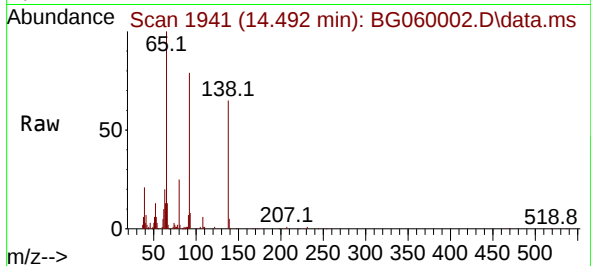
Tgt Ion:138 Resp: 6199
Ion Ratio Lower Upper
138 100
108 8.8 8.9 13.3
92 121.0 102.1 153.1

Manual Integrations

APPROVED

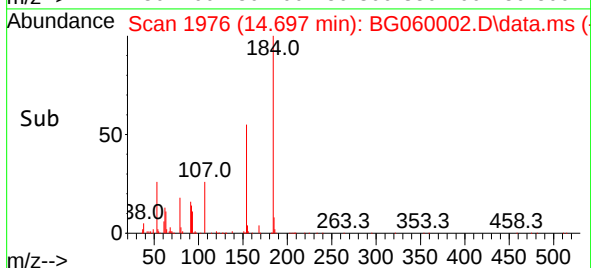
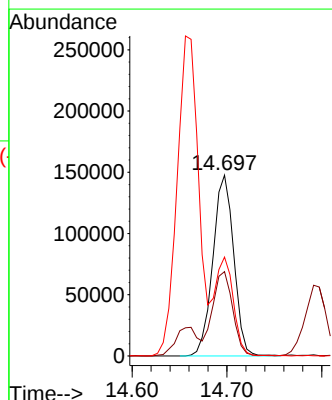
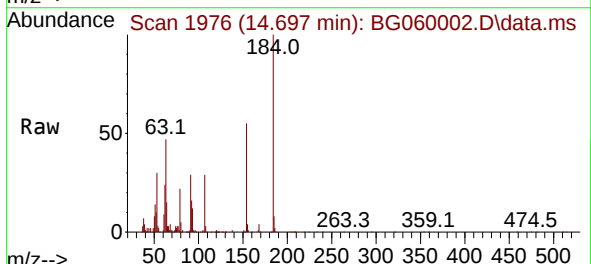
Reviewed By :Yogesh Patel 12/14/2023

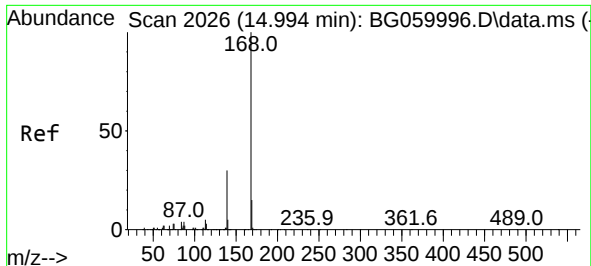
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 109.427 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

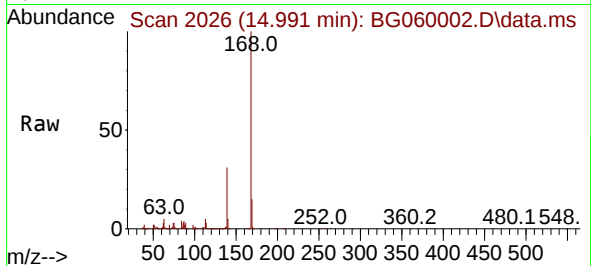
Tgt Ion:184 Resp: 225974
Ion Ratio Lower Upper
184 100
63 46.6 35.5 53.3
154 54.6 36.7 55.1





#55
Dibenzenofuran
Concen: 44.893 ng
RT: 14.991 min Scan# 2026
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

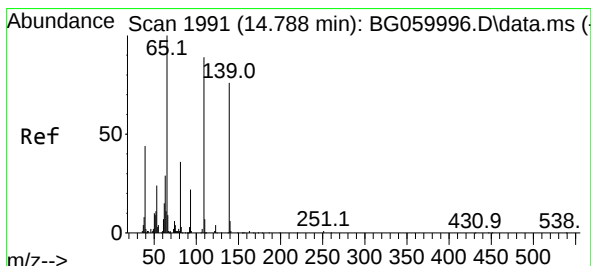
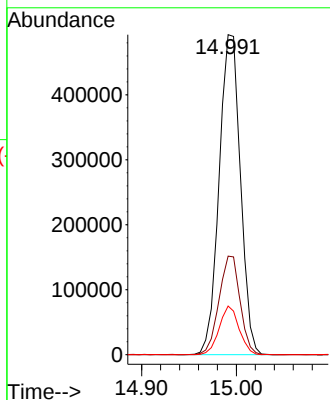
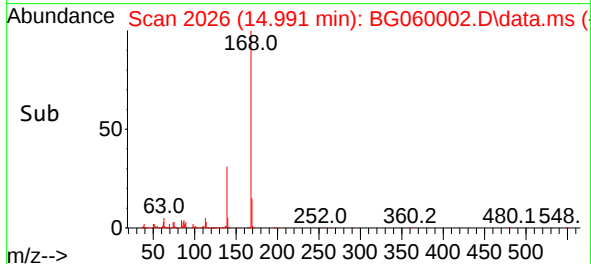
Instrument :
BNA_G
ClientSampleId :
PB157585BS



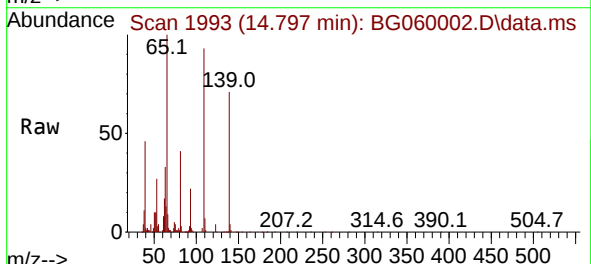
Tgt Ion:168 Resp: 770280
Ion Ratio Lower Upper
168 100
139 30.8 24.0 36.0
169 15.2 11.8 17.8

Manual Integrations
APPROVED

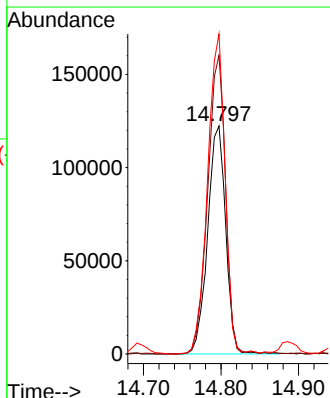
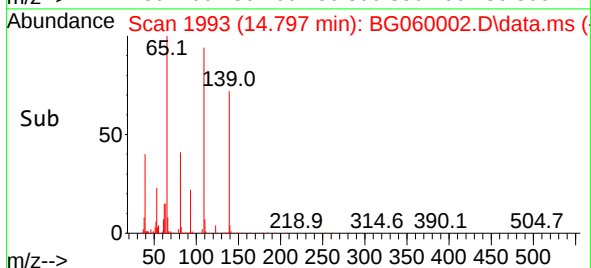
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

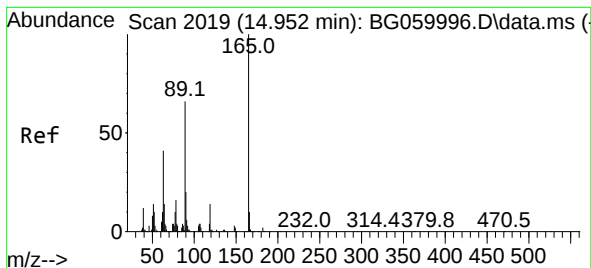


#56
4-Nitrophenol
Concen: 105.016 ng
RT: 14.797 min Scan# 1993
Delta R.T. 0.009 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion:139 Resp: 197679
Ion Ratio Lower Upper
139 100
109 130.9 97.2 137.2
65 140.3 112.2 152.2





#57
2,4-Dinitrotoluene
Concen: 48.405 ng
RT: 14.950 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

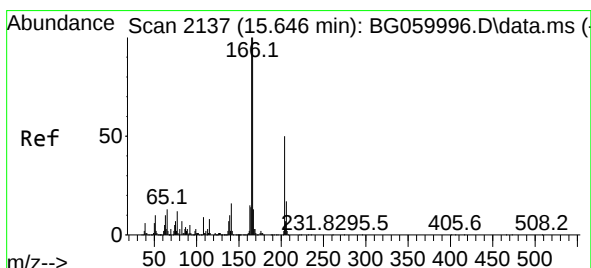
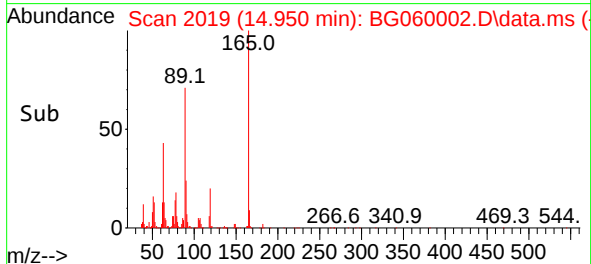
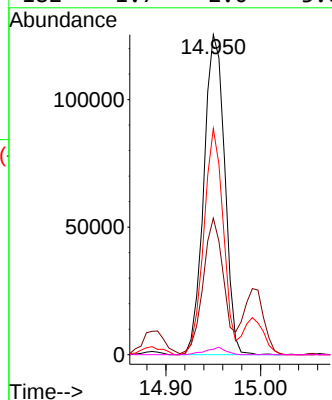
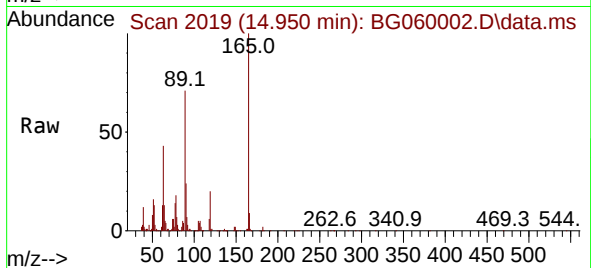
ClientSampleId :

PB157585BS

Tgt Ion:165 Resp: 190720
Ion Ratio Lower Upper
165 100
63 42.6 32.8 49.2
89 70.7 53.0 79.6
182 1.7 2.0 3.0#

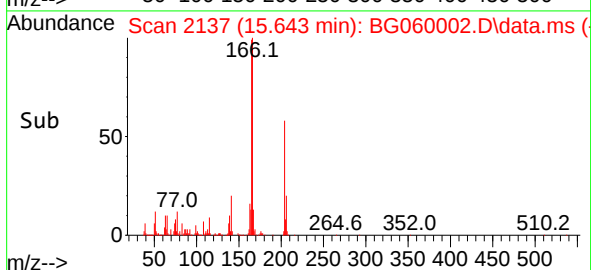
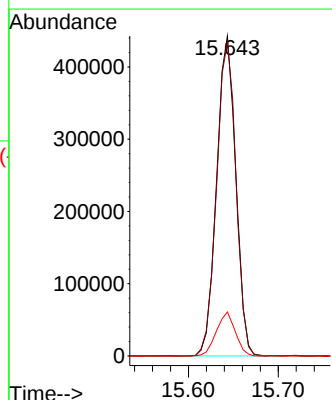
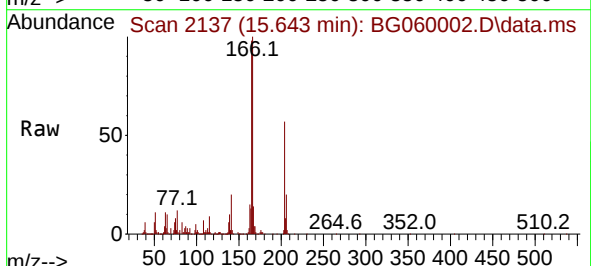
Manual Integrations
APPROVED

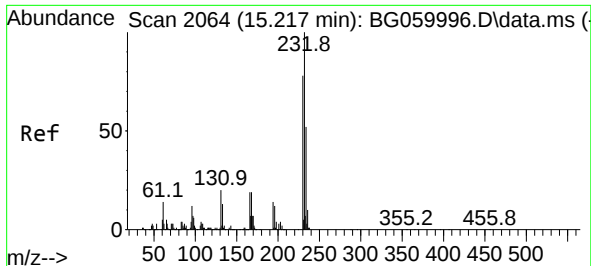
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 45.240 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:166 Resp: 654557
Ion Ratio Lower Upper
166 100
165 98.0 80.2 120.2
167 13.7 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.381 ng
RT: 15.214 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

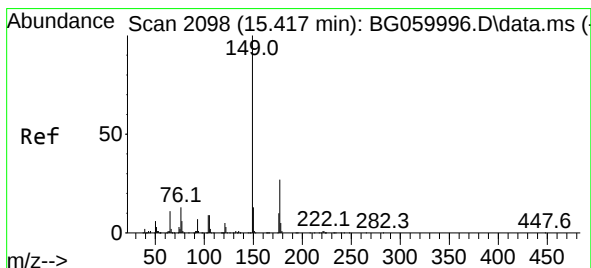
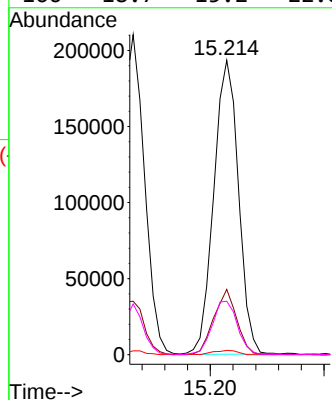
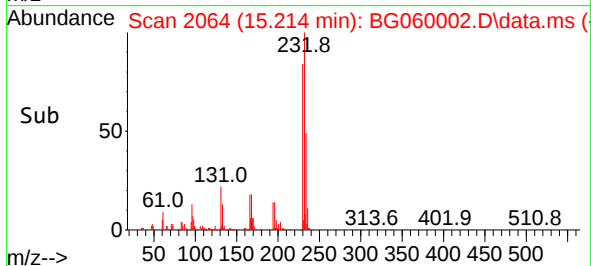
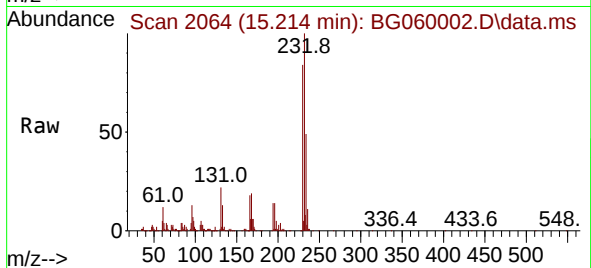
PB157585BS

Tgt Ion:232 Resp: 290651
Ion Ratio Lower Upper
232 100
131 20.8 17.6 26.4
130 1.4 1.0 1.6
166 18.7 15.2 22.8

Manual Integrations

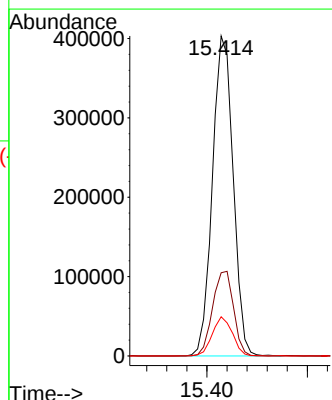
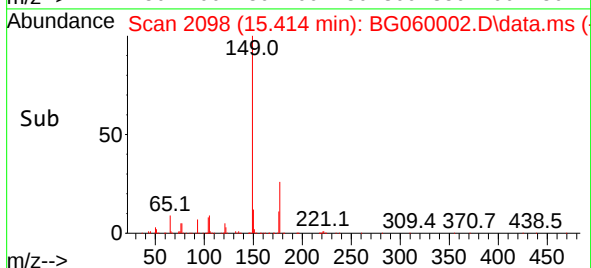
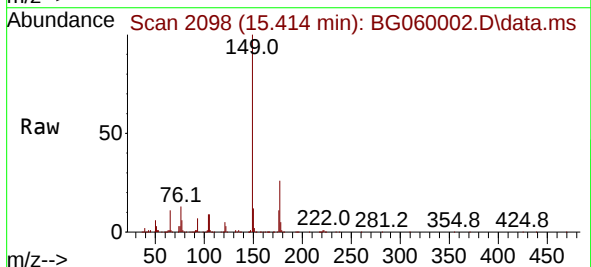
APPROVED

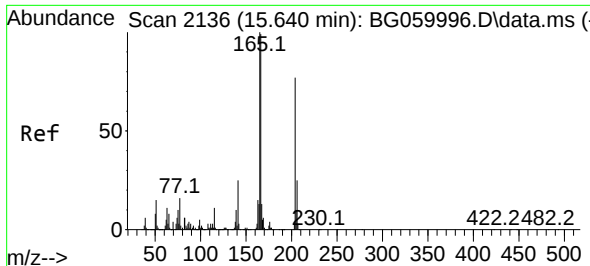
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#60
Diethylphthalate
Concen: 46.468 ng
RT: 15.414 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:149 Resp: 578515
Ion Ratio Lower Upper
149 100
177 26.0 21.5 32.3
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.710 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

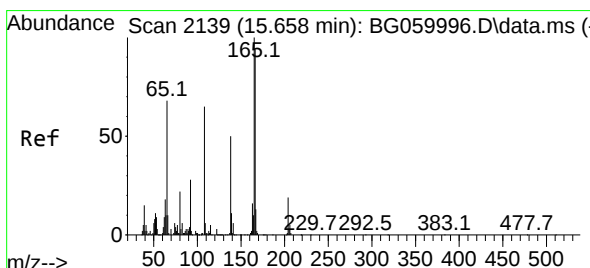
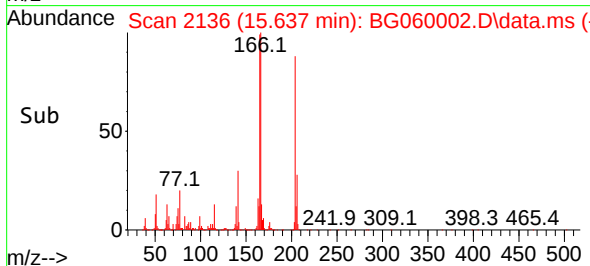
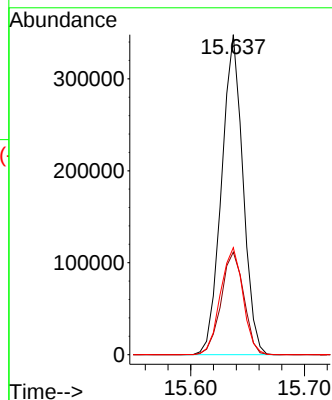
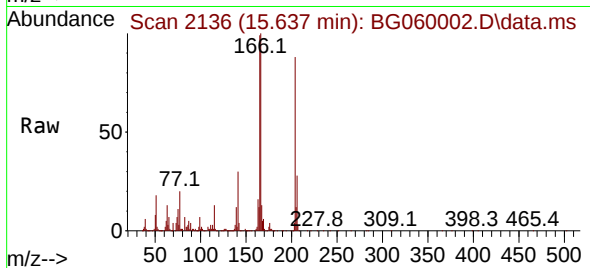
PB157585BS

Tgt Ion:204 Resp: 455470
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 33.5 25.6 38.4

Manual Integrations

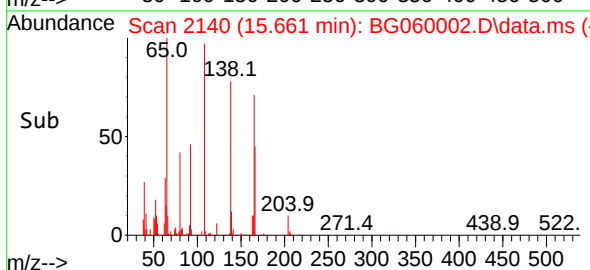
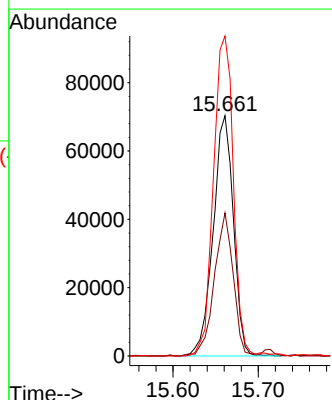
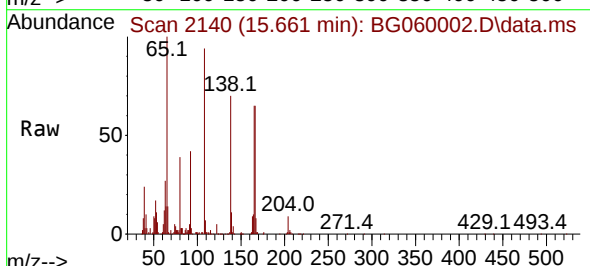
APPROVED

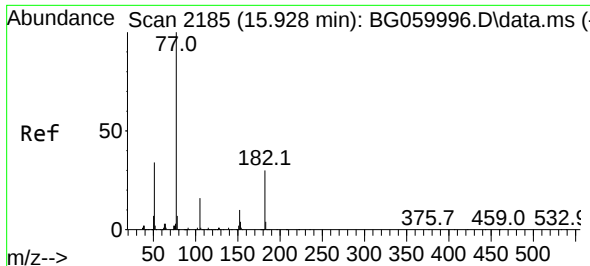
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#62
4-Nitroaniline
Concen: 47.565 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:138 Resp: 116006
Ion Ratio Lower Upper
138 100
92 59.5 36.3 76.3
108 133.1 109.3 149.3





#63
Azobenzene
Concen: 44.366 ng
RT: 15.931 min Scan# 2185
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

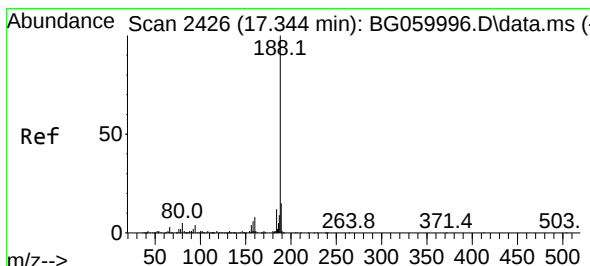
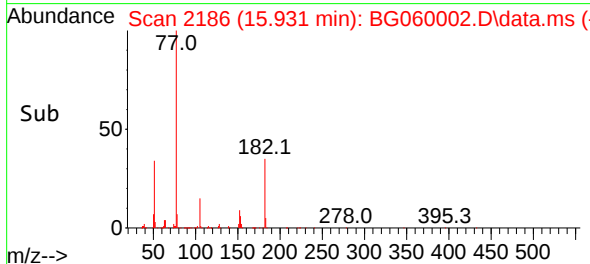
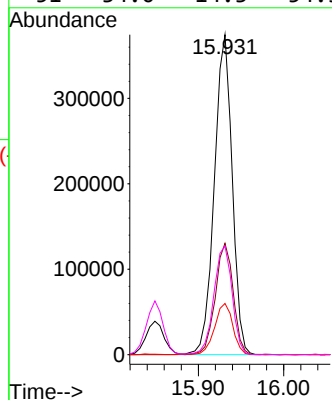
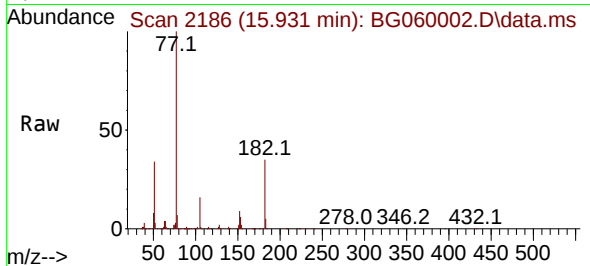
PB157585BS

Tgt Ion: 77 Resp: 544574
Ion Ratio Lower Upper
77 100
182 34.8 10.2 50.2
105 16.0 0.0 36.5
51 34.0 14.3 54.3

Manual Integrations

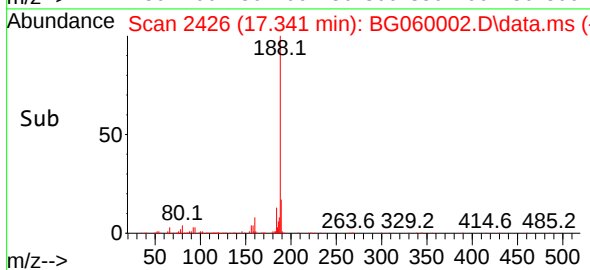
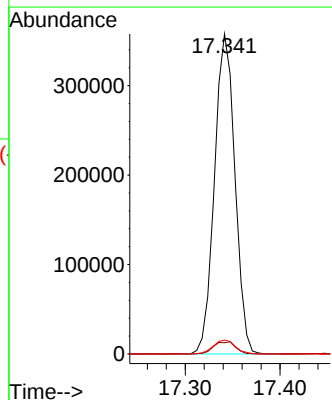
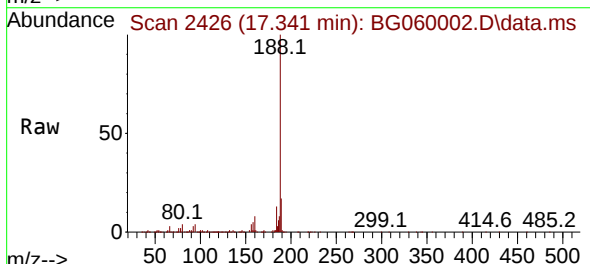
APPROVED

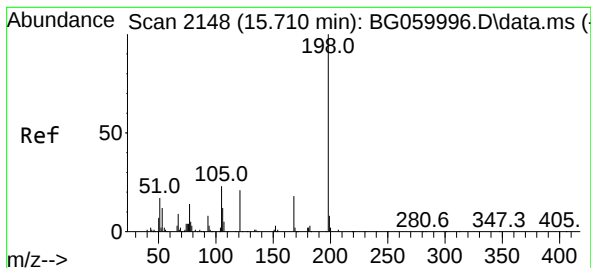
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:188 Resp: 536123
Ion Ratio Lower Upper
188 100
94 3.5 3.0 4.6
80 4.4 4.0 6.0





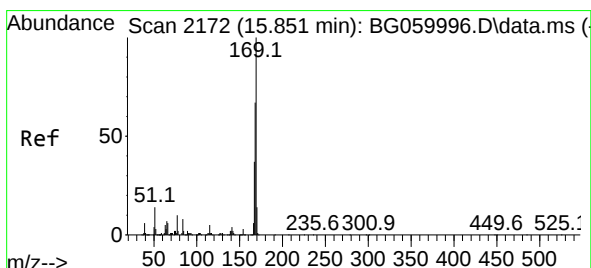
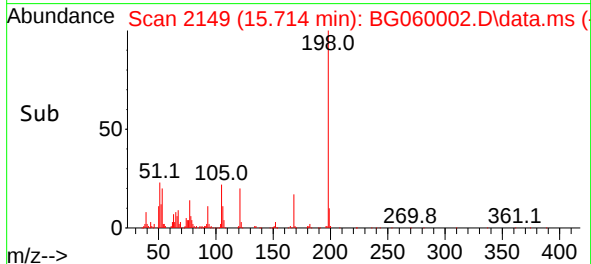
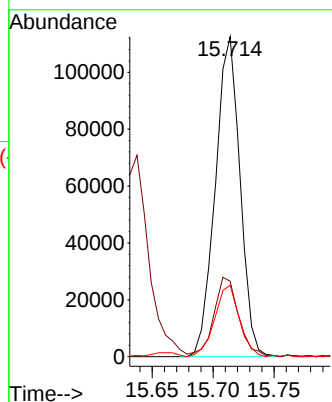
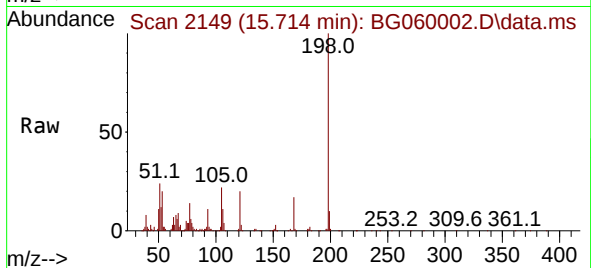
#65
4,6-Dinitro-2-methylphenol
Concen: 47.181 ng
RT: 15.714 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion:198 Resp: 158590
Ion Ratio Lower Upper
198 100
51 23.6 0.0 39.7
105 22.3 3.3 43.3

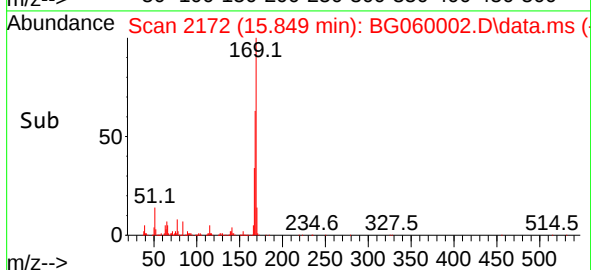
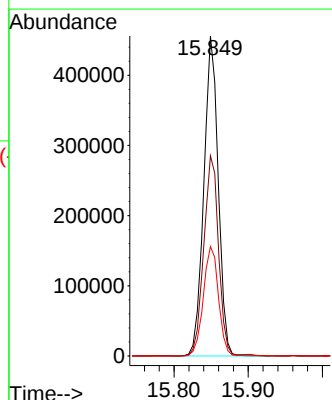
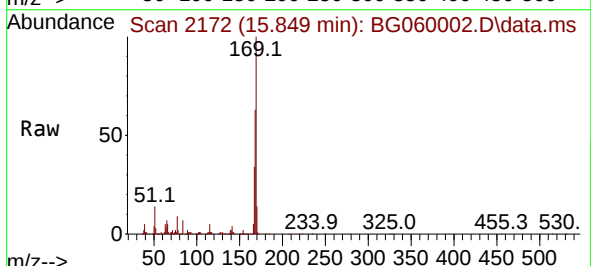
Manual Integrations
APPROVED

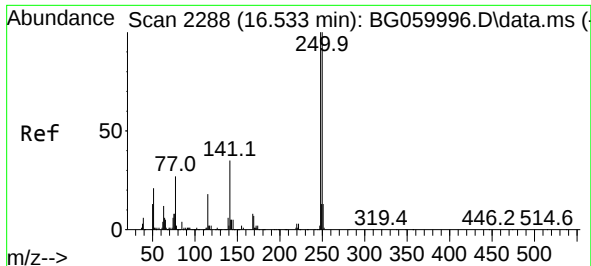
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 46.828 ng
RT: 15.849 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

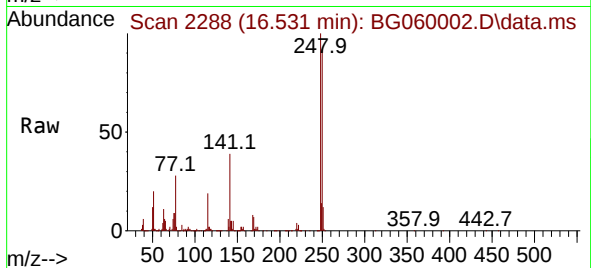
Tgt Ion:169 Resp: 613322
Ion Ratio Lower Upper
169 100
168 62.5 53.4 80.2
167 34.2 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 44.755 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

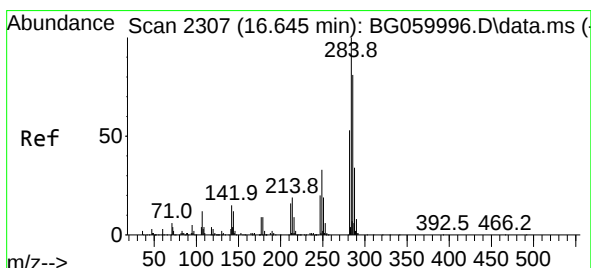
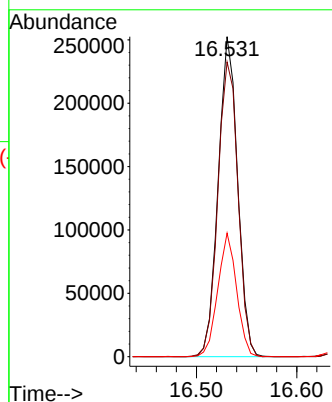
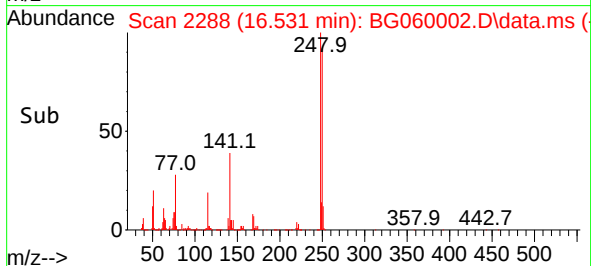
Instrument :
BNA_G
ClientSampleId :
PB157585BS



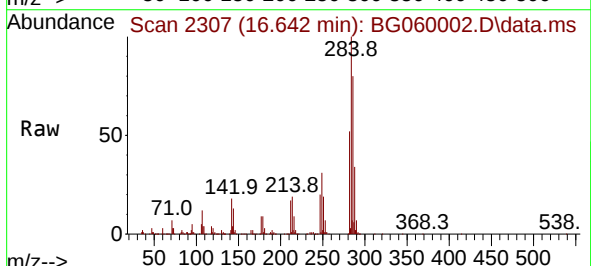
Tgt Ion:248 Resp: 338539
Ion Ratio Lower Upper
248 100
250 92.1 79.9 119.9
141 38.6 28.3 42.5

Manual Integrations
APPROVED

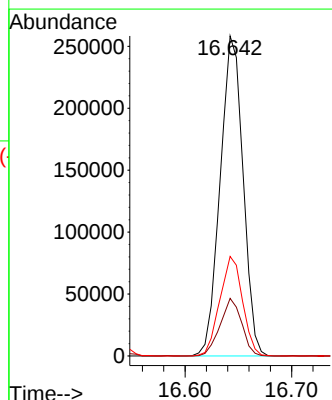
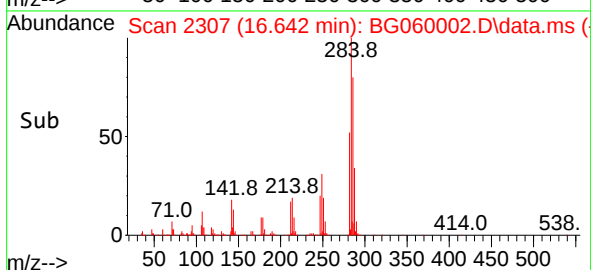
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

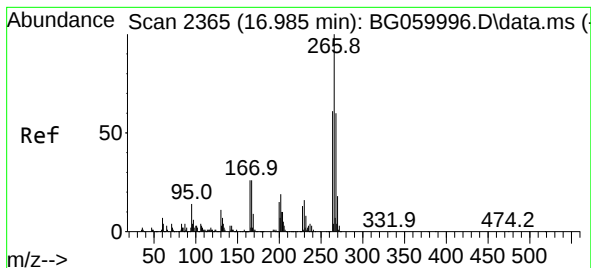


#68
Hexachlorobenzene
Concen: 43.510 ng
RT: 16.642 min Scan# 2307
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44



Tgt Ion:284 Resp: 384756
Ion Ratio Lower Upper
284 100
142 18.0 11.7 17.5#
249 31.1 26.1 39.1





#70

Pentachlorophenol

Concen: 100.581 ng

RT: 16.989 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

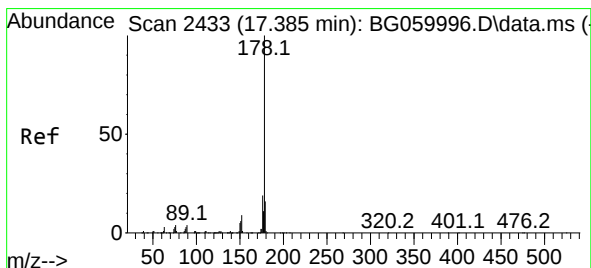
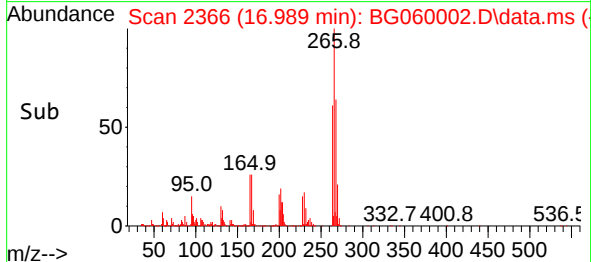
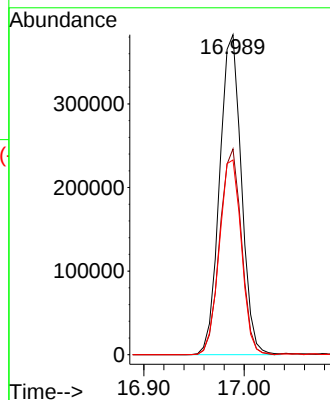
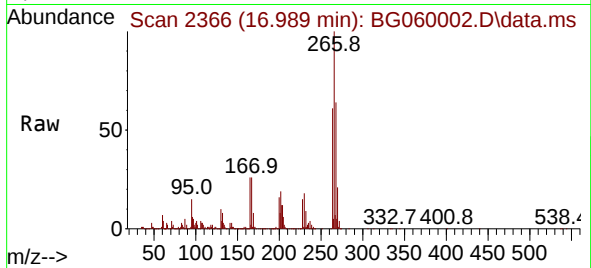
PB157585BS

Tgt Ion:266 Resp: 576180
 Ion Ratio Lower Upper
 266 100
 268 64.3 47.9 71.9
 264 60.8 48.8 73.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#71

Phenanthrene

Concen: 46.903 ng

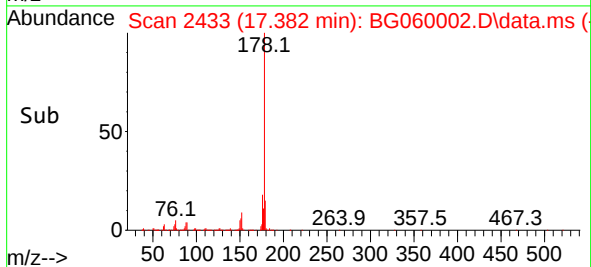
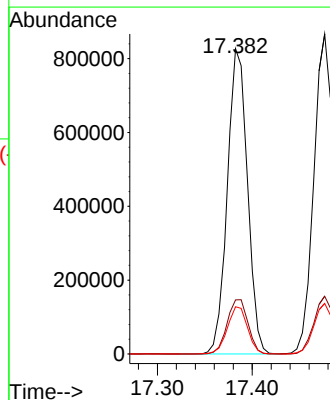
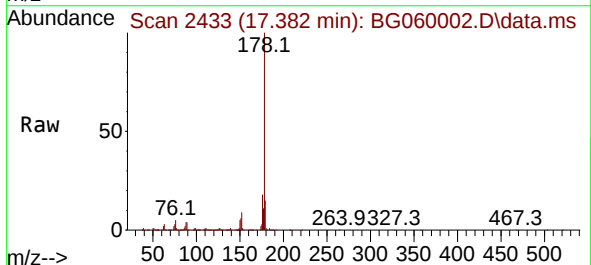
RT: 17.382 min Scan# 2433

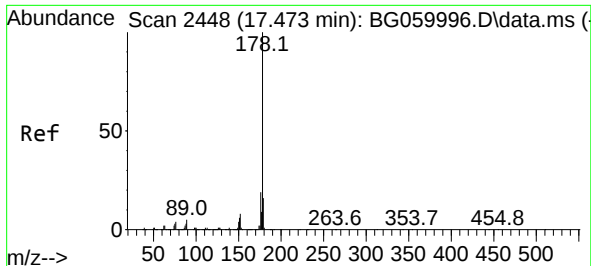
Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Tgt Ion:178 Resp: 1217996
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.6 23.4
 179 15.5 12.6 19.0





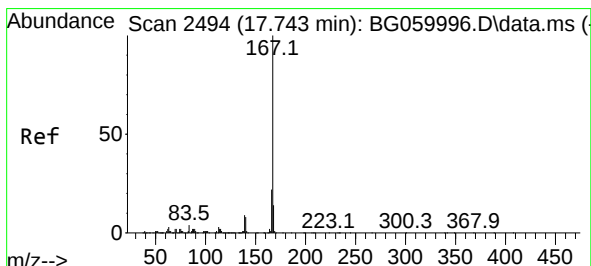
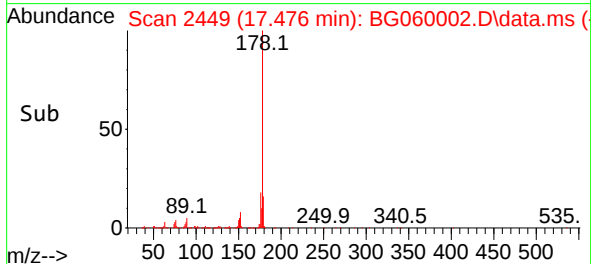
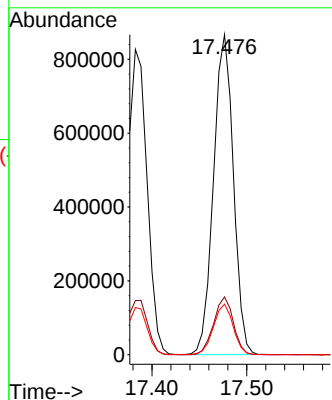
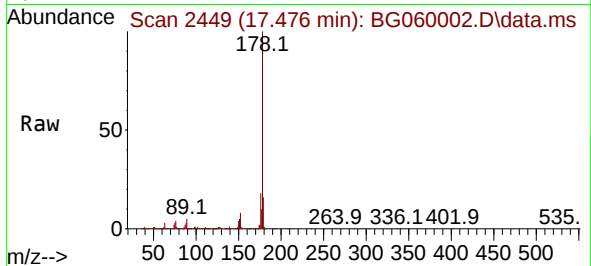
#72
 Anthracene
 Concen: 48.338 ng
 RT: 17.476 min Scan# 2448
 Delta R.T. 0.003 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

Tgt Ion:178 Resp: 126208
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.0 22.6
 179 15.8 12.6 19.0

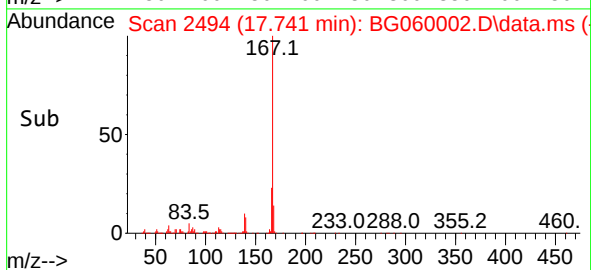
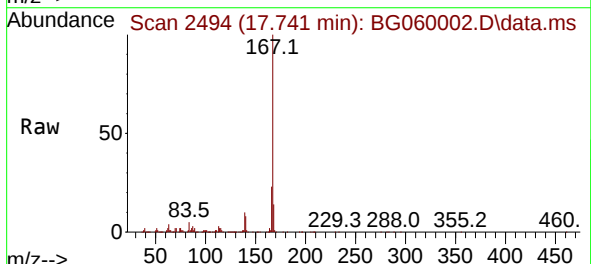
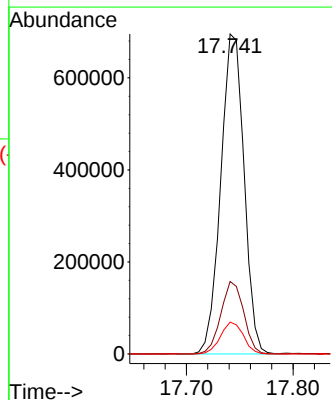
Manual Integrations
 APPROVED

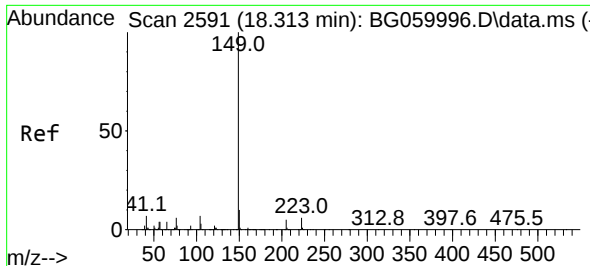
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#73
 Carbazole
 Concen: 47.546 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

Tgt Ion:167 Resp: 1054914
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 10.0 7.5 11.3





#74
Di-n-butylphthalate
Concen: 48.890 ng
RT: 18.311 min Scan# 2591
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

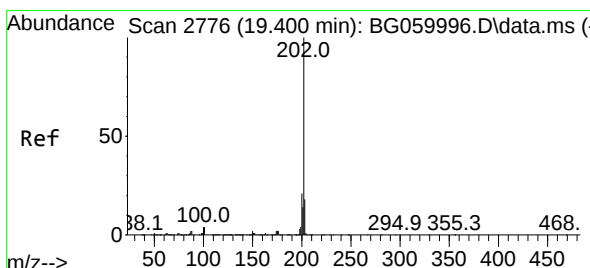
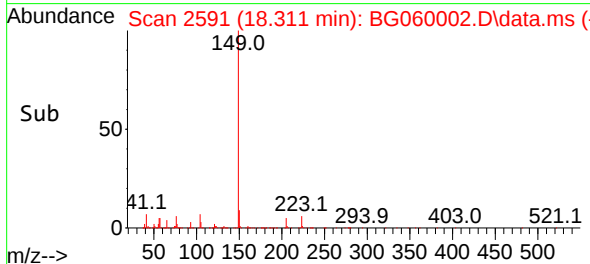
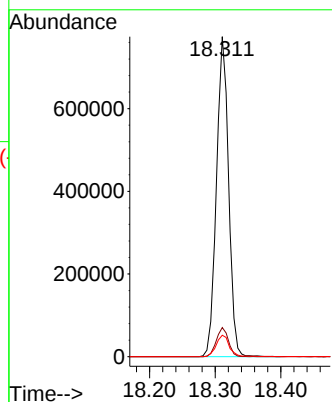
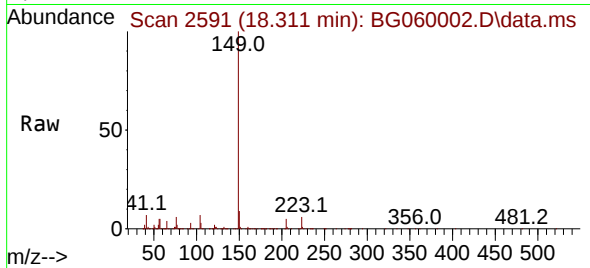
PB157585BS

Tgt Ion:149 Resp: 989549
Ion Ratio Lower Upper
149 100
150 9.1 7.9 11.9
104 6.7 5.6 8.4

Manual Integrations

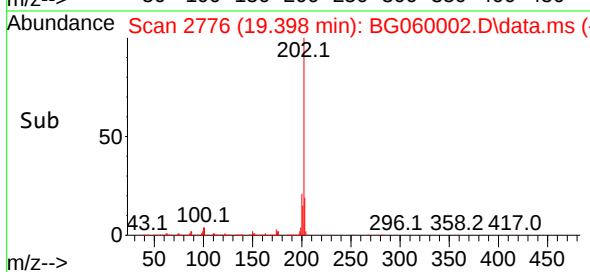
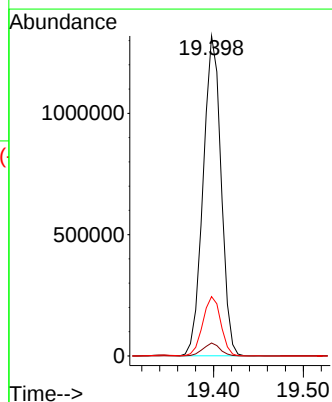
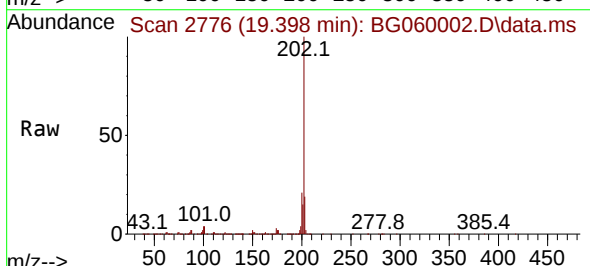
APPROVED

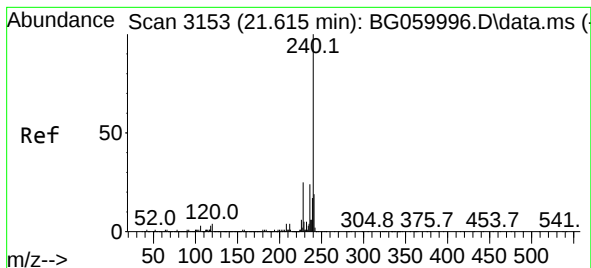
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#75
Fluoranthene
Concen: 48.273 ng
RT: 19.398 min Scan# 2776
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:202 Resp: 1829294
Ion Ratio Lower Upper
202 100
101 4.1 0.0 24.2
203 18.6 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:240 Resp: 694729

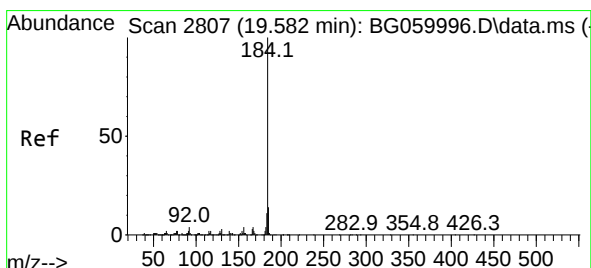
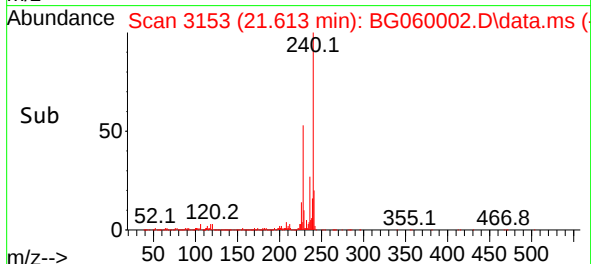
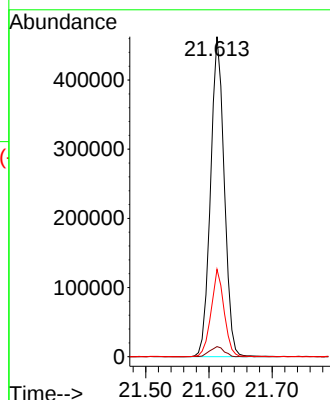
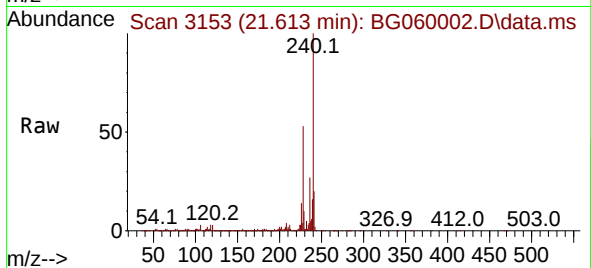
Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.9	4.3
236	27.3	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#77

Benzidine

Concen: 60.805 ng

RT: 19.580 min Scan# 2807

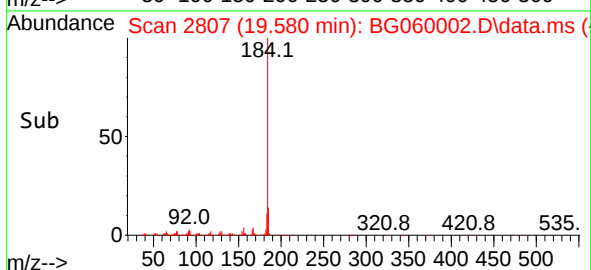
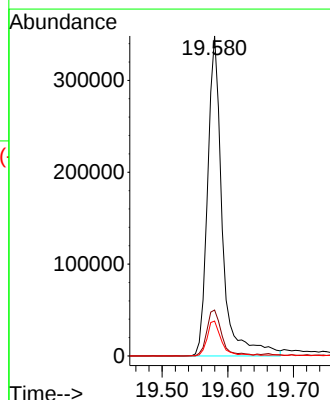
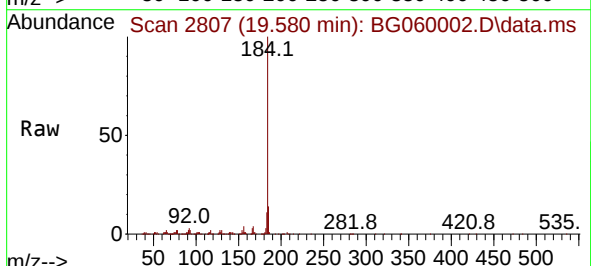
Delta R.T. -0.002 min

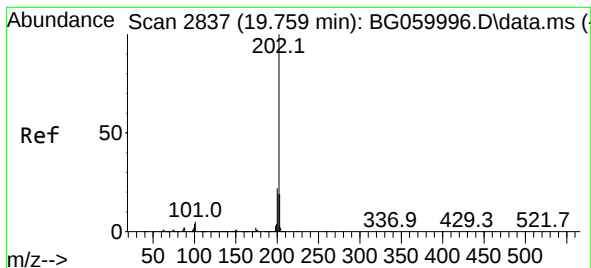
Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Tgt Ion:184 Resp: 542602

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.1	16.7
183	10.9	9.0	13.4





#78

Pyrene

Concen: 45.040 ng

RT: 19.762 min Scan# 2838

Delta R.T. 0.003 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:202 Resp: 1896772

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

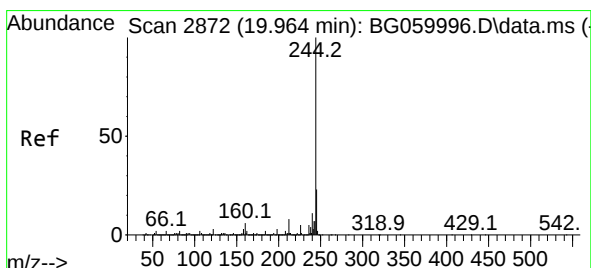
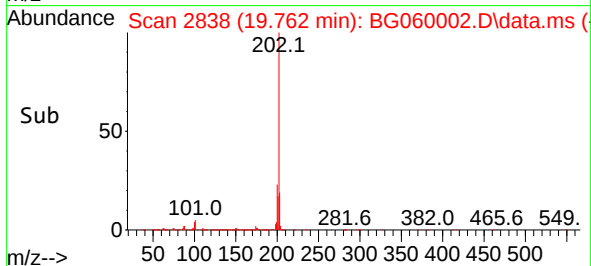
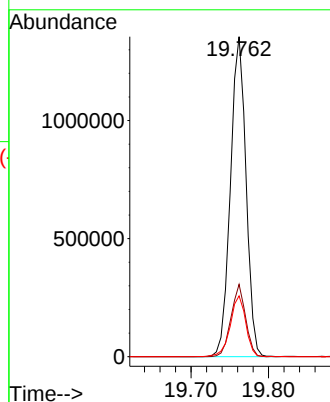
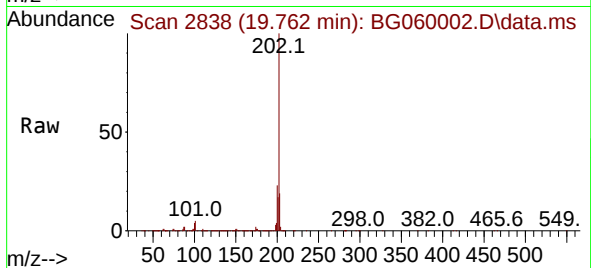
203 19.0 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#79

Terphenyl-d14

Concen: 90.565 ng

RT: 19.962 min Scan# 2872

Delta R.T. -0.002 min

Lab File: BG060002.D

Acq: 13 Dec 2023 18:44

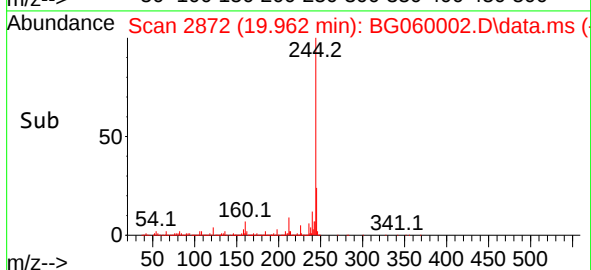
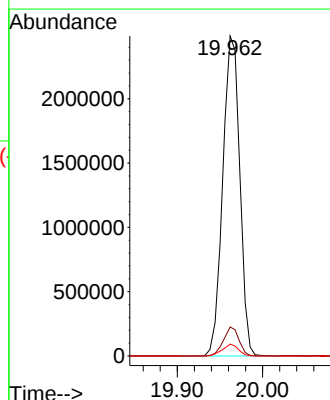
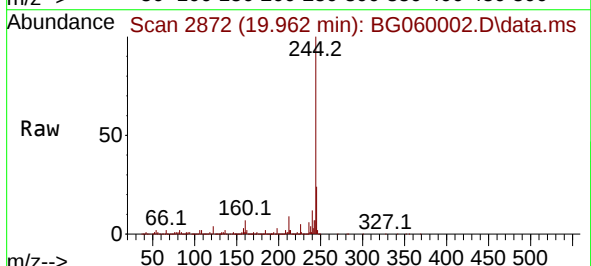
Tgt Ion:244 Resp: 3446224

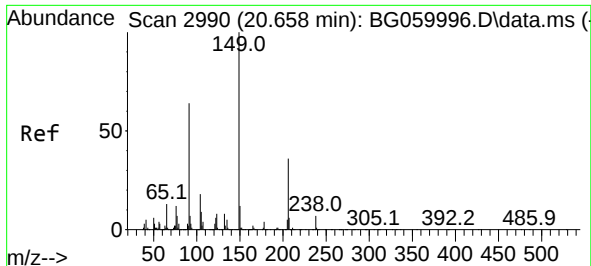
Ion Ratio Lower Upper

244 100

212 9.0 6.8 10.2

122 3.7 2.6 3.8





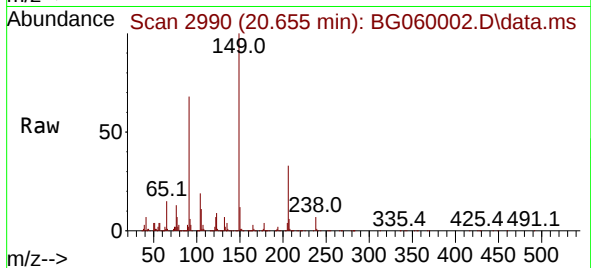
#80
Butylbenzylphthalate
Concen: 49.473 ng
RT: 20.655 min Scan# 2990
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

ClientSampleId :

PB157585BS

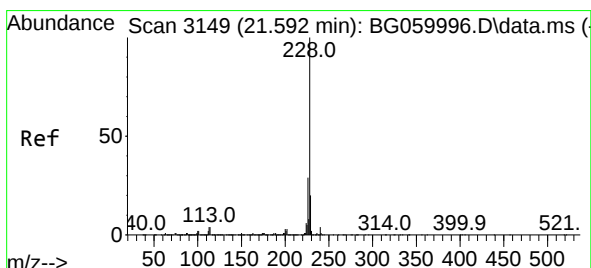
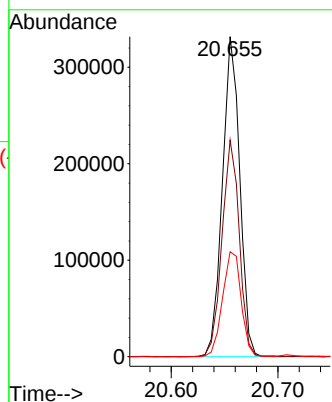
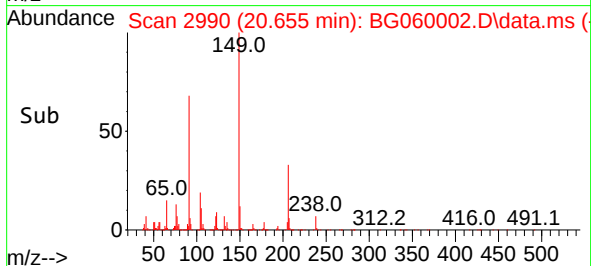


Tgt Ion:149 Resp: 374192
Ion Ratio Lower Upper
149 100
91 67.7 51.3 76.9
206 32.8 28.8 43.2

Manual Integrations

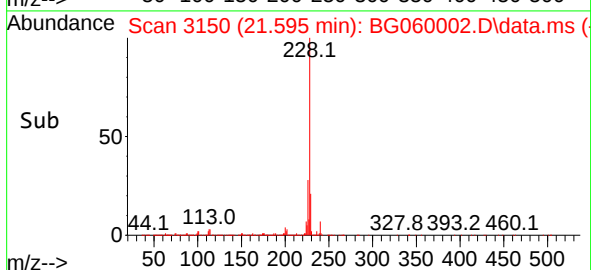
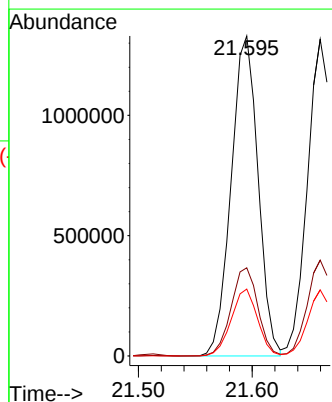
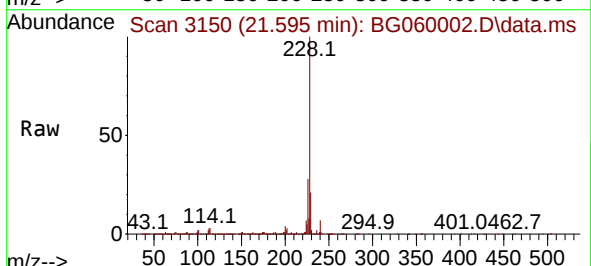
APPROVED

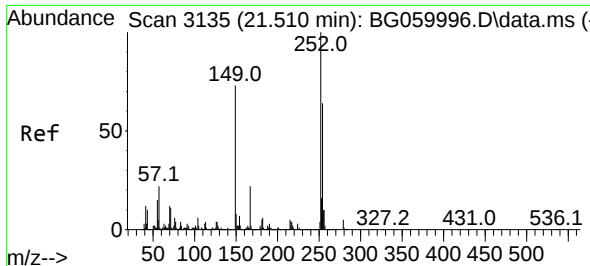
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#81
Benzo(a)anthracene
Concen: 46.896 ng
RT: 21.595 min Scan# 3150
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

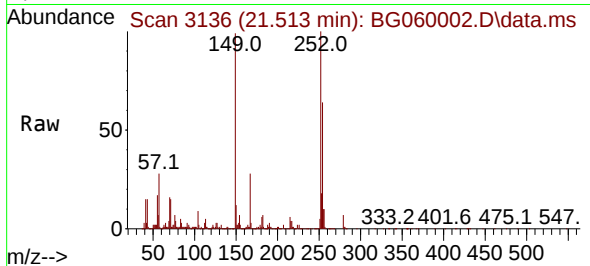
Tgt Ion:228 Resp: 2188504
Ion Ratio Lower Upper
228 100
226 27.6 22.9 34.3
229 20.9 16.2 24.2





#82
3,3'-Dichlorobenzidine
Concen: 42.603 ng
RT: 21.513 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

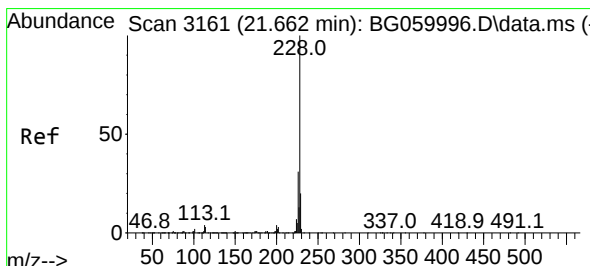
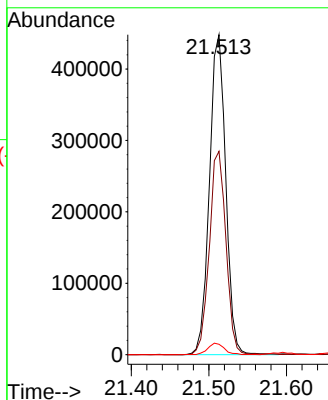
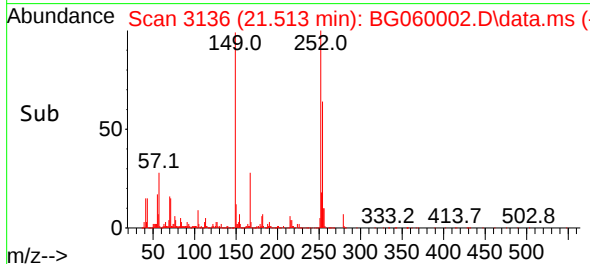
Instrument :
BNA_G
ClientSampleId :
PB157585BS



Tgt Ion:252 Resp: 654209
Ion Ratio Lower Upper
252 100
254 63.5 51.0 76.4
126 3.2 3.0 4.4

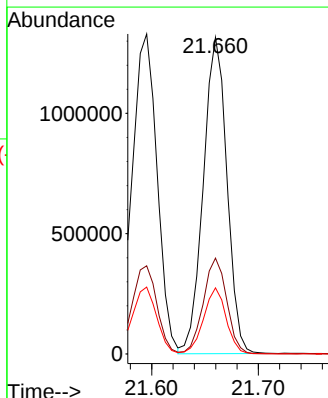
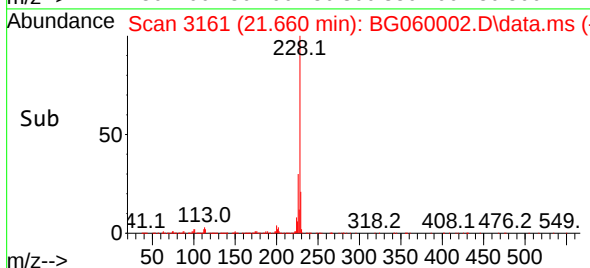
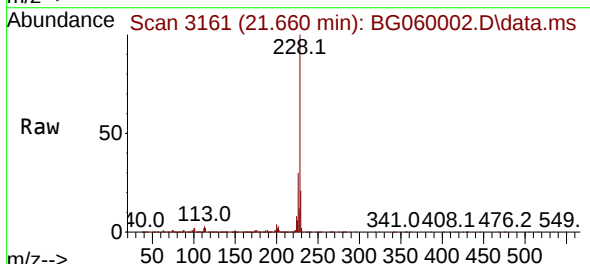
Manual Integrations
APPROVED

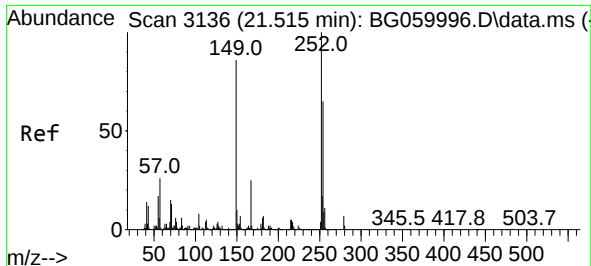
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#83
Chrysene
Concen: 45.793 ng
RT: 21.660 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:228 Resp: 2024608
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 20.9 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 49.318 ng
RT: 21.513 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :

BNA_G

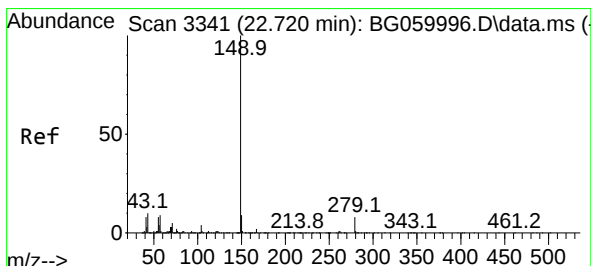
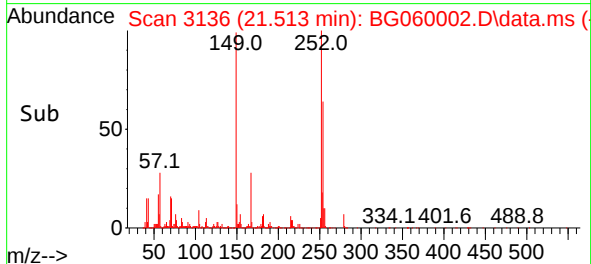
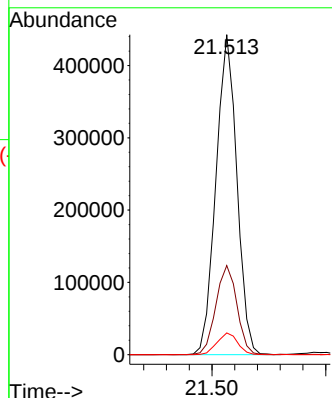
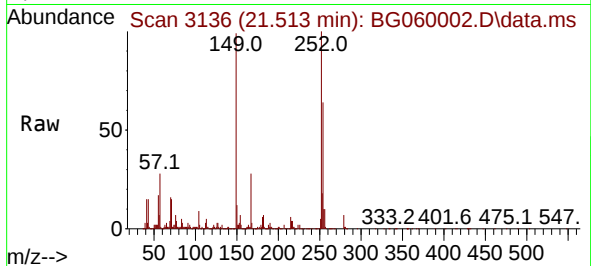
ClientSampleId :

PB157585BS

Tgt Ion:149 Resp: 565380
Ion Ratio Lower Upper
149 100
167 27.8 23.0 34.6
279 6.8 6.2 9.2

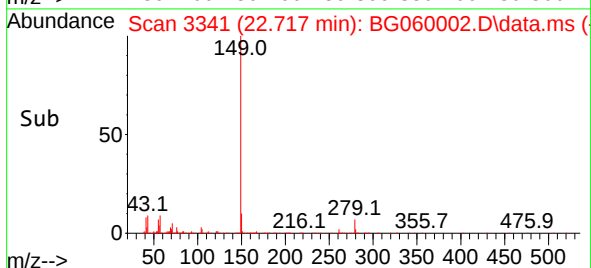
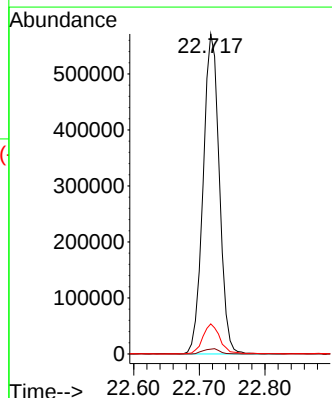
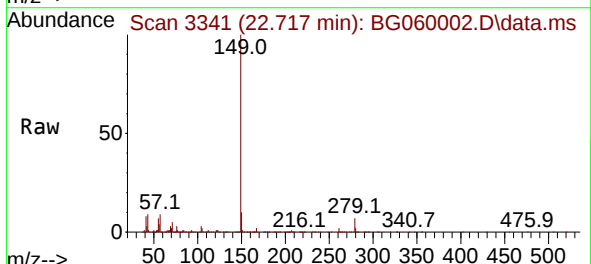
Manual Integrations
APPROVED

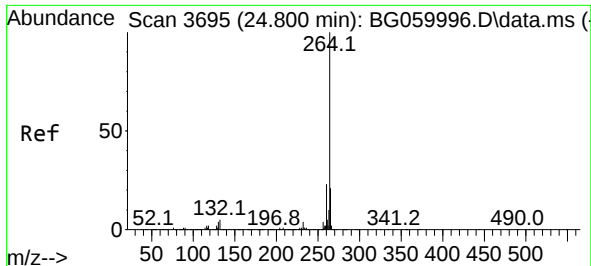
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#85
Di-n-octyl phthalate
Concen: 49.558 ng
RT: 22.717 min Scan# 3341
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:149 Resp: 982753
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.2 8.3 12.5





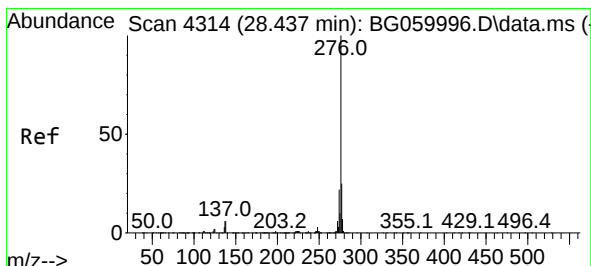
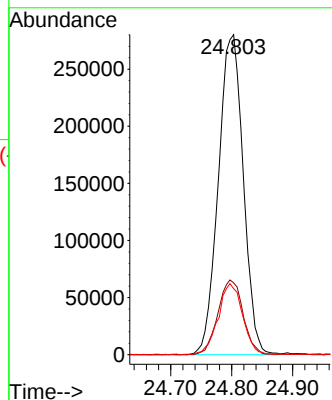
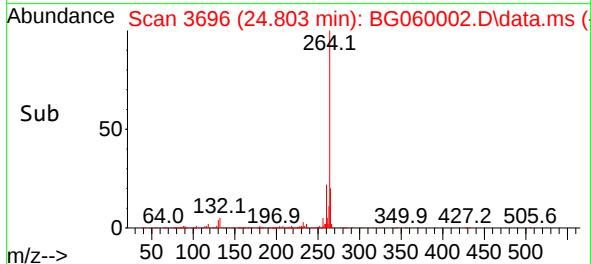
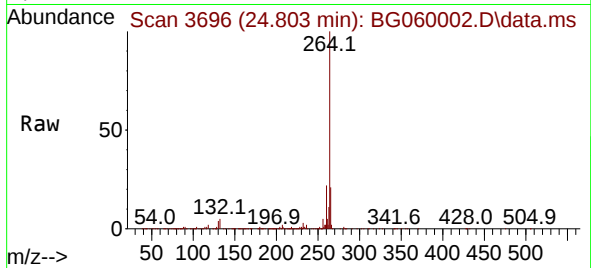
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.803 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion:264 Resp: 79664
Ion Ratio Lower Upper
264 100
260 22.5 18.5 27.7
265 20.6 17.3 25.9

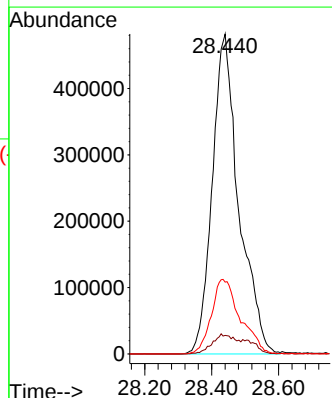
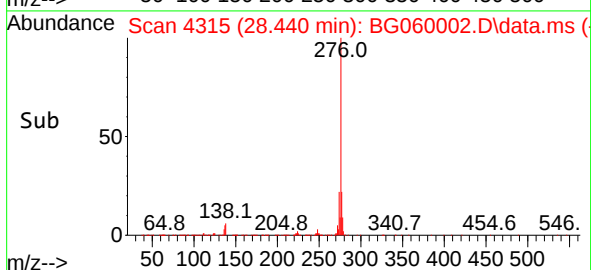
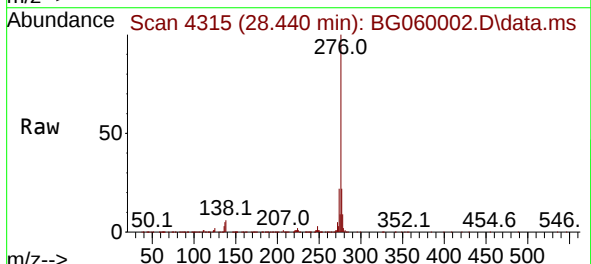
Manual Integrations
APPROVED

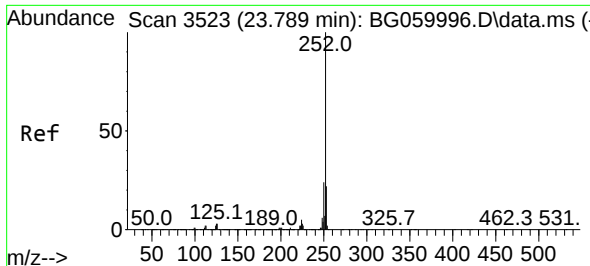
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 46.722 ng
RT: 28.440 min Scan# 4315
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Tgt Ion:276 Resp: 2656345
Ion Ratio Lower Upper
276 100
138 5.6 4.7 7.1
277 25.4 20.0 30.0





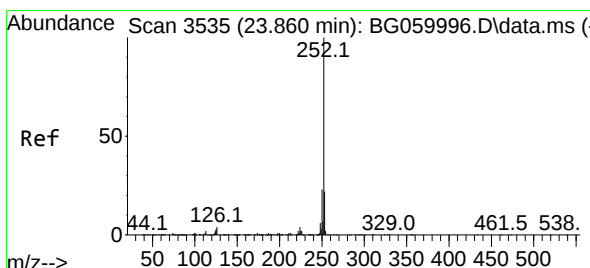
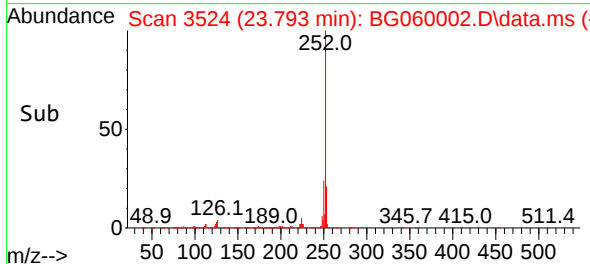
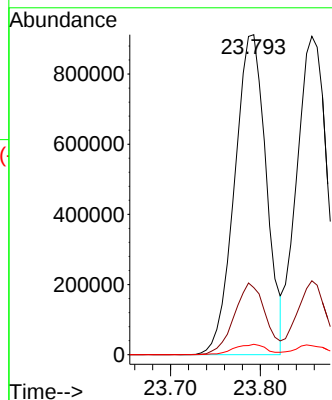
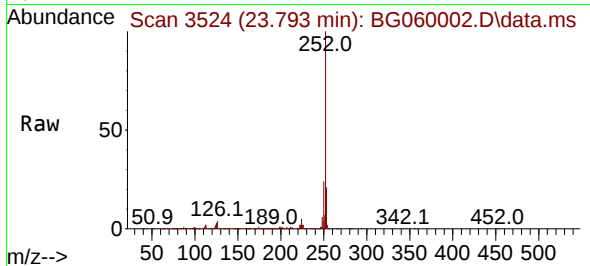
#88
Benzo(b)fluoranthene
Concen: 45.413 ng
RT: 23.793 min Scan# 3523
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion:252 Resp: 223435
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 3.3 2.6 4.0

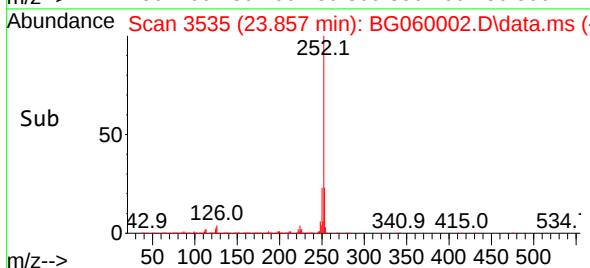
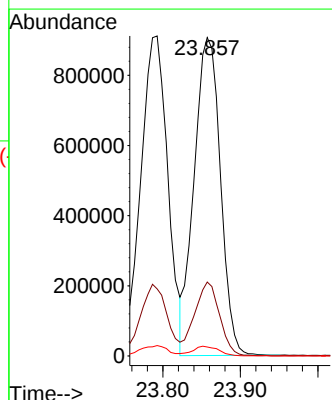
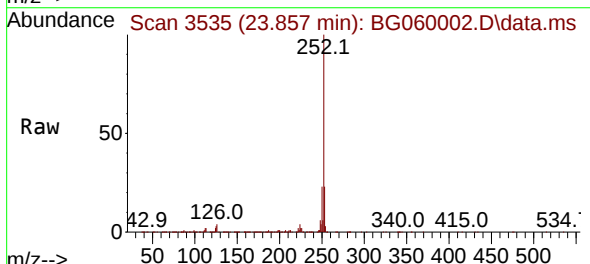
Manual Integrations
APPROVED

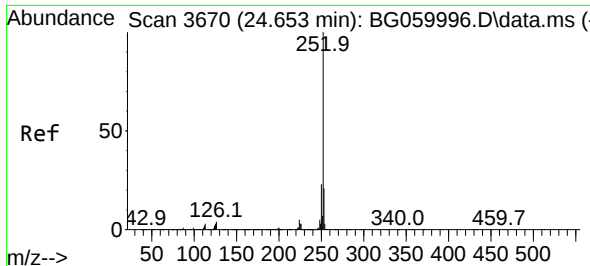
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#89
Benzo(k)fluoranthene
Concen: 44.709 ng
RT: 23.857 min Scan# 3535
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

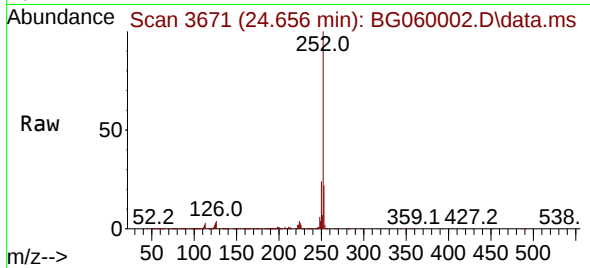
Tgt Ion:252 Resp: 2133679
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 2.8 2.5 3.7





#90
Benzo(a)pyrene
Concen: 45.522 ng
RT: 24.656 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

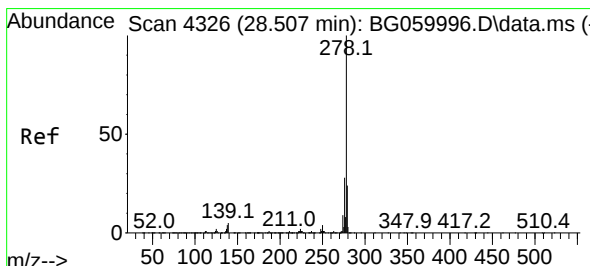
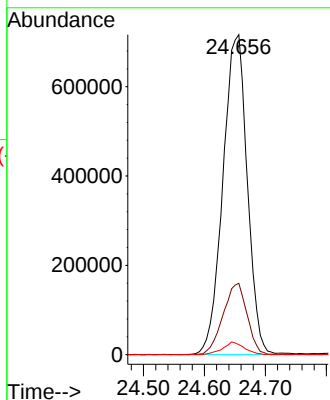
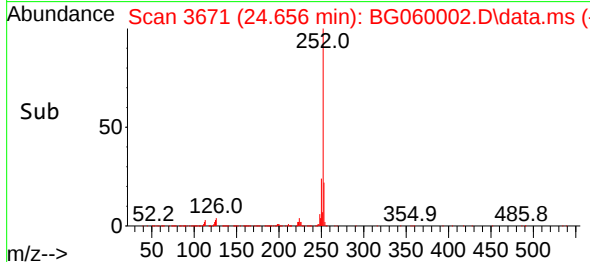
Instrument :
BNA_G
ClientSampleId :
PB157585BS



Tgt Ion:252 Resp: 198429
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 3.2 2.6 4.0

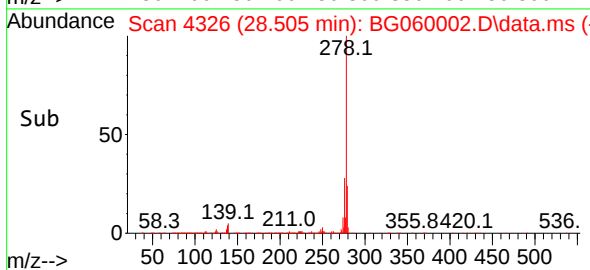
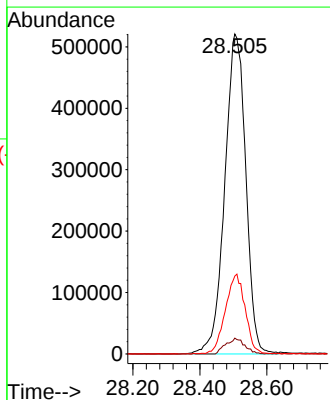
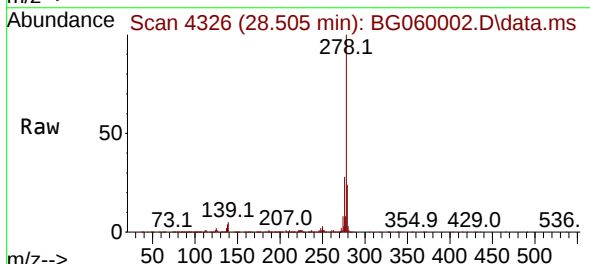
Manual Integrations
APPROVED

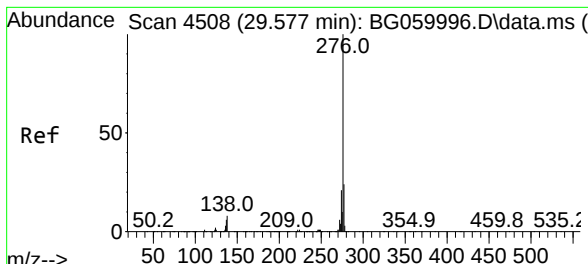
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#91
Dibenzo(a,h)anthracene
Concen: 47.806 ng
RT: 28.505 min Scan# 4326
Delta R.T. -0.002 min
Lab File: BG060002.D
Acq: 13 Dec 2023 18:44

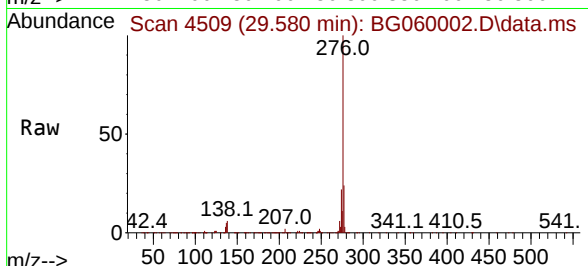
Tgt Ion:278 Resp: 2272801
Ion Ratio Lower Upper
278 100
139 5.0 4.4 6.6
279 24.3 19.4 29.2





#92
 Benzo(g,h,i)perylene
 Concen: 44.858 ng
 RT: 29.580 min Scan# 4
 Delta R.T. 0.003 min
 Lab File: BG060002.D
 Acq: 13 Dec 2023 18:44

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS



Tgt Ion: 276 Resp: 212133

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	6.0	6.0	9.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

