

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059882.D
 Acq On : 25 Nov 2023 8:33
 Operator : MA/JU
 Sample : PB157066BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157066BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 03:17:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 24 15:11:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	20361	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	105651	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	78842	20.000	ng	0.00
64) Phenanthrene-d10	17.702	188	176105	20.000	ng	# 0.00
76) Chrysene-d12	22.021	240	142024	20.000	ng	#-0.01
86) Perylene-d12	25.593	264	159304	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	238216	196.921	ng	0.00
7) Phenol-d6	7.449	99	266235	148.514	ng	0.00
23) Nitrobenzene-d5	9.518	82	253569	91.663	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	169628	189.622	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	573967	97.992	ng	0.00
79) Terphenyl-d14	20.276	244	1078252	112.077	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.636	88	18283	32.178	ng	# 85
3) Pyridine	4.059	79	56515	36.418	ng	# 90
4) n-Nitrosodimethylamine	3.983	42	47710	57.790	ng	# 68
6) Aniline	7.643	93	63020	26.638	ng	98
8) 2-Chlorophenol	7.872	128	70783	53.936	ng	83
9) Benzaldehyde	7.461	77	14267	11.774	ng	94
10) Phenol	7.473	94	99011	53.589	ng	92
11) bis(2-Chloroethyl)ether	7.731	93	50801	44.169	ng	87
12) 1,3-Dichlorobenzene	8.201	146	72117	49.472	ng	98
13) 1,4-Dichlorobenzene	8.354	146	75476m	51.560	ng	
14) 1,2-Dichlorobenzene	8.677	146	72572	49.900	ng	# 87
15) Benzyl Alcohol	8.554	79	114036	55.784	ng	# 76
16) 2,2'-oxybis(1-Chloropr...	8.836	45	18937m	44.752	ng	
17) 2-Methylphenol	8.742	107	72374	53.183	ng	92
18) Hexachloroethane	9.400	117	34109	54.898	ng	# 81
19) n-Nitroso-di-n-propyla...	9.124	70	66001	46.753	ng	95
20) 3+4-Methylphenols	9.077	107	100889	53.403	ng	96
22) Acetophenone	9.165	105	137316	45.908	ng	97
24) Nitrobenzene	9.570	77	127778	50.153	ng	92
25) Isophorone	10.070	82	196528	42.317	ng	96
26) 2-Nitrophenol	10.270	139	45641	48.863	ng	90
27) 2,4-Dimethylphenol	10.299	122	86992	45.806	ng	97
28) bis(2-Chloroethoxy)met...	10.552	93	79034	45.287	ng	# 92
29) 2,4-Dichlorophenol	10.798	162	88595	54.640	ng	87
30) 1,2,4-Trichlorobenzene	11.016	180	85356	52.088	ng	91
31) Naphthalene	11.221	128	254273	47.863	ng	98
32) Benzoic acid	10.422	122	66055m	51.108	ng	
33) 4-Chloroaniline	11.339	127	34693	15.353	ng	# 96
34) Hexachlorobutadiene	11.439	225	62879	56.380	ng	# 85
35) Caprolactam	12.126	113	30082m	50.763	ng	
36) 4-Chloro-3-methylphenol	12.408	107	126757	58.781	ng	96
37) 2-Methylnaphthalene	12.796	142	218471	48.827	ng	88
38) 1-Methylnaphthalene	13.013	142	208716m	50.582	ng	
40) 1,2,4,5-Tetrachloroben...	13.143	216	113987	53.534	ng	98
41) Hexachlorocyclopentadiene	13.090	237	129836	97.210	ng	93
43) 2,4,6-Trichlorophenol	13.378	196	79743	53.856	ng	91

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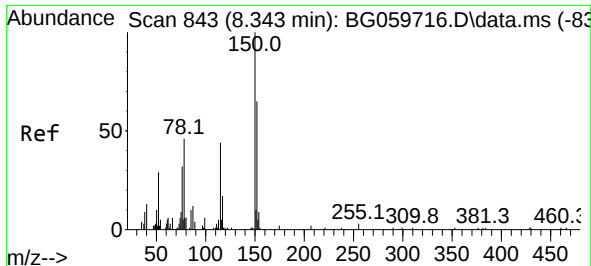
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.460	196	85599	49.201	ng	89
46) 1,1'-Biphenyl	13.789	154	303946	49.115	ng	94
47) 2-Chloronaphthalene	13.842	162	231531	54.449	ng	92
48) 2-Nitroaniline	14.059	65	83239	54.828	ng	91
49) Acenaphthylene	14.682	152	382372	52.738	ng	97
50) Dimethylphthalate	14.394	163	322690	52.815	ng	98
51) 2,6-Dinitrotoluene	14.541	165	62073	53.554	ng	97
52) Acenaphthene	15.017	154	235160	53.931	ng	# 88
53) 3-Nitroaniline	14.882	138	35731	26.336	ng	# 80
54) 2,4-Dinitrophenol	15.076	184	81160	94.229	ng	# 91
55) Dibenzofuran	15.346	168	373954	52.016	ng	95
56) 4-Nitrophenol	15.158	139	101042	97.345	ng	# 89
57) 2,4-Dinitrotoluene	15.317	165	89978	50.479	ng	# 96
58) Fluorene	15.992	166	319612	53.511	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.557	232	80639	52.728	ng	96
60) Diethylphthalate	15.734	149	359931	54.928	ng	96
61) 4-Chlorophenyl-phenyle...	15.975	204	166141	54.042	ng	97
62) 4-Nitroaniline	16.039	138	57277	42.124	ng	97
63) Azobenzene	16.268	77	354414	48.670	ng	93
65) 4,6-Dinitro-2-methylph...	16.063	198	50519	46.941	ng	98
66) n-Nitrosodiphenylamine	16.198	169	309002	60.066	ng	96
67) 4-Bromophenyl-phenylether	16.874	248	104830	55.410	ng	94
68) Hexachlorobenzene	16.968	284	104785	59.342	ng	94
69) Atrazine	17.126	200	123984	75.171	ng	95
70) Pentachlorophenol	17.326	266	136575	101.381	ng	93
71) Phenanthrene	17.749	178	526218	58.772	ng	94
72) Anthracene	17.837	178	514613m	55.317	ng	
73) Carbazole	18.113	167	414442	50.994	ng	99
74) Di-n-butylphthalate	18.613	149	518097	52.739	ng	99
75) Fluoranthene	19.735	202	534095	49.741	ng	98
77) Benzidine	19.923	184	148453	46.096	ng	96
78) Pyrene	20.099	202	526627	54.498	ng	98
80) Butylbenzylphthalate	20.951	149	212091	53.526	ng	97
81) Benzo(a)anthracene	21.997	228	516808	53.182	ng	94
82) 3,3'-Dichlorobenzidine	21.909	252	123582	34.135	ng	93
83) Chrysene	22.073	228	444784	49.930	ng	95
84) Bis(2-ethylhexyl)phtha...	21.821	149	285189	51.487	ng	# 91
85) Di-n-octyl phthalate	23.149	149	479968	45.011	ng	98
87) Indeno(1,2,3-cd)pyrene	29.729	276	760453m	63.087	ng	
88) Benzo(b)fluoranthene	24.429	252	557105	63.805	ng	96
89) Benzo(k)fluoranthene	24.518	252	493299	57.147	ng	# 98
90) Benzo(a)pyrene	25.417	252	456487	48.987	ng	# 92
91) Dibenzo(a,h)anthracene	29.817	278	636796	62.442	ng	# 94
92) Benzo(g,h,i)perylene	31.069	276	589597	60.931	ng	# 98

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



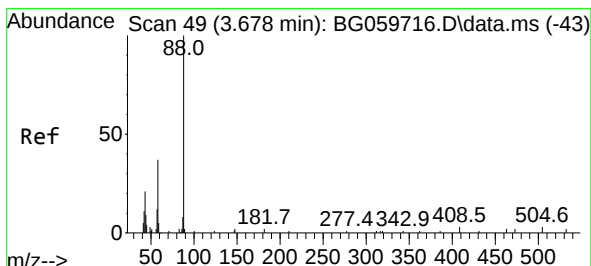
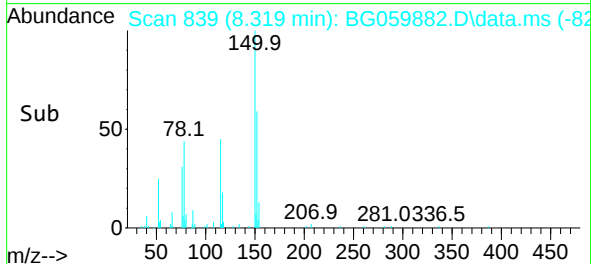
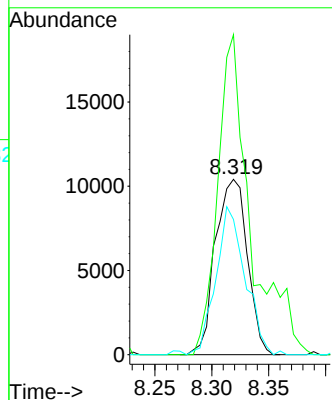
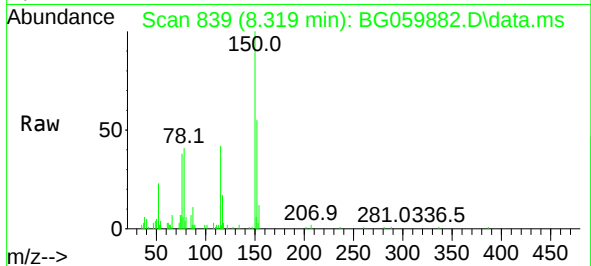
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.319 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion:152 Resp: 2036
Ion Ratio Lower Upper
152 100
150 182.4 122.2 183.4
115 77.0 54.2 81.4

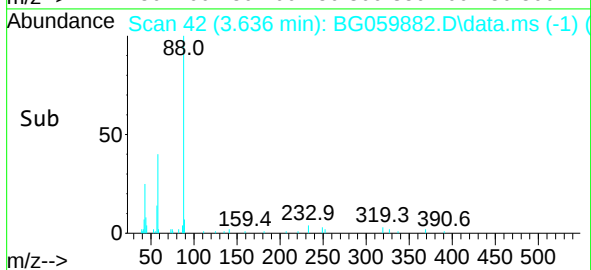
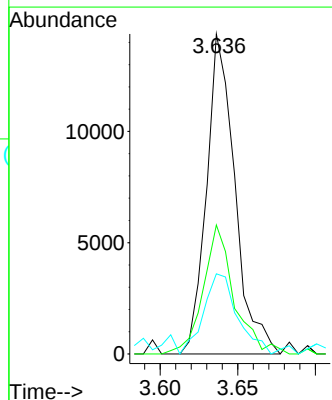
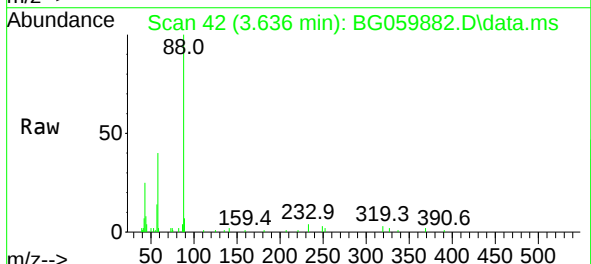
Manual Integrations
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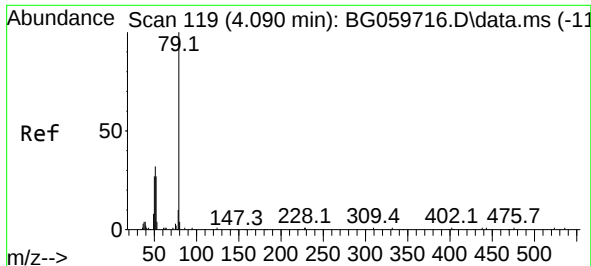
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 32.178 ng
RT: 3.636 min Scan# 42
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion: 88 Resp: 18283
Ion Ratio Lower Upper
88 100
58 43.7 28.6 42.8#
43 30.2 17.5 26.3#





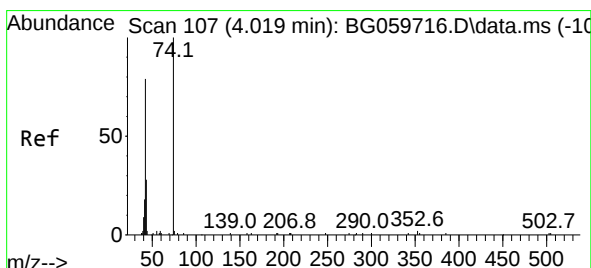
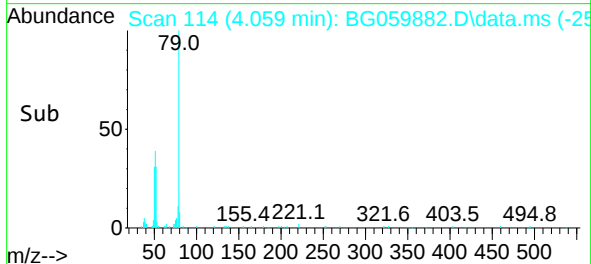
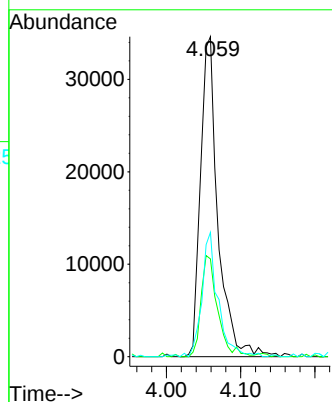
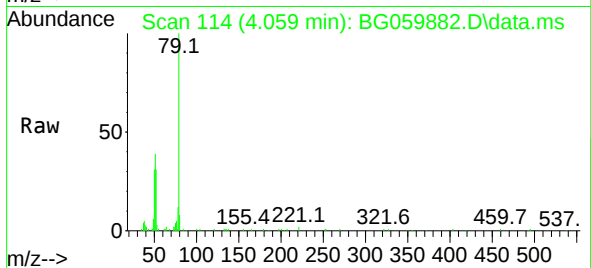
#3
Pyridine
Concen: 36.418 ng
RT: 4.059 min Scan# 119
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion: 79 Resp: 5651
Ion Ratio Lower Upper
79 100
52 30.5 21.6 32.4
51 38.9 25.3 37.9

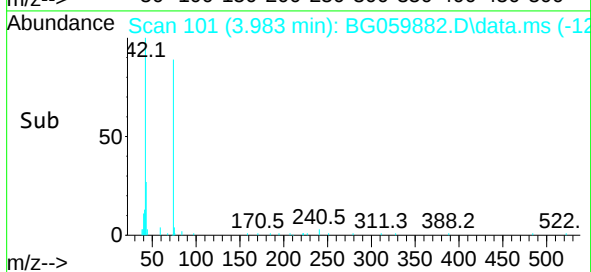
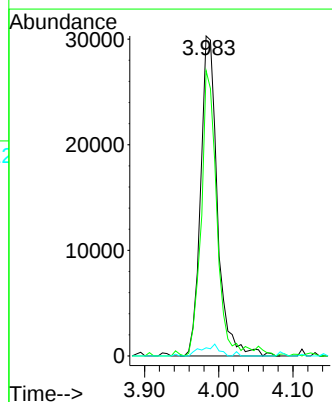
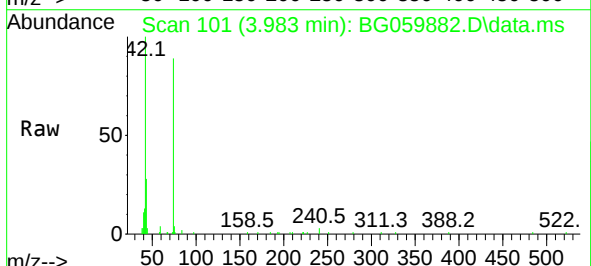
Manual Integrations
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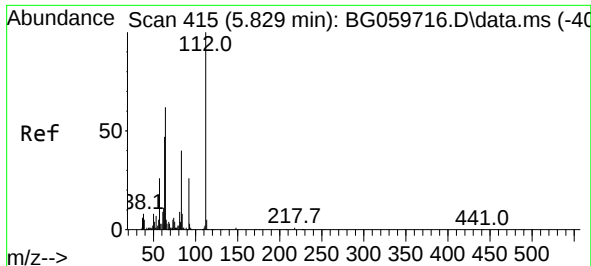
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#4
n-Nitrosodimethylamine
Concen: 57.790 ng
RT: 3.983 min Scan# 101
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion: 42 Resp: 47710
Ion Ratio Lower Upper
42 100
74 89.1 101.2 151.8#
44 2.6 2.4 3.6





#5
2-Fluorophenol
Concen: 196.921 ng
RT: 5.810 min Scan# 415
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

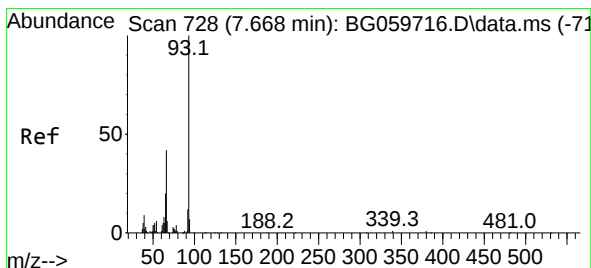
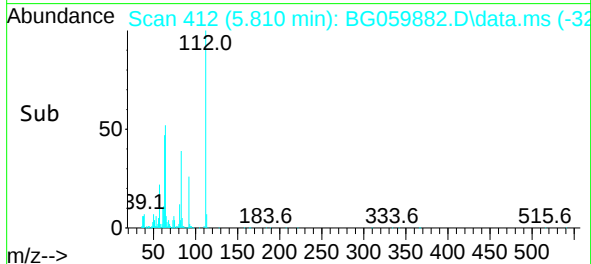
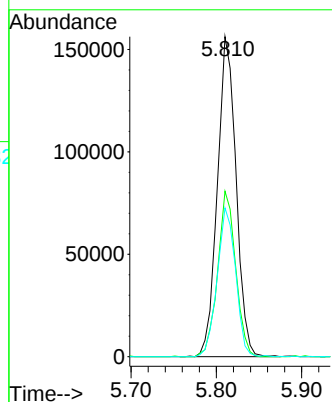
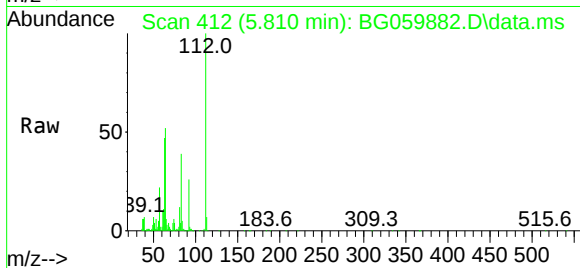
ClientSampleId :

PB157066BS

Tgt Ion:112 Resp: 238210
Ion Ratio Lower Upper
112 100
64 51.7 49.5 74.3
63 46.5 37.4 56.2

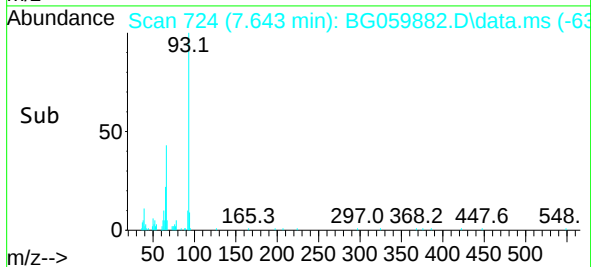
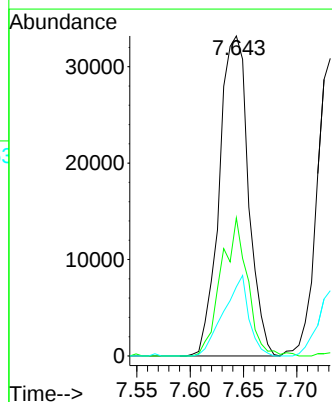
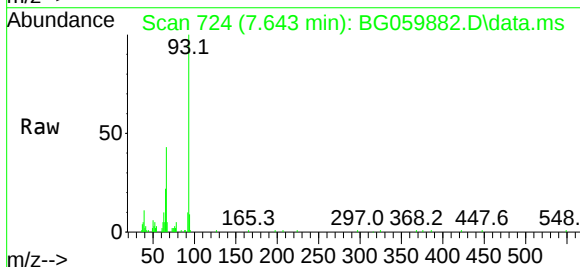
Manual Integrations
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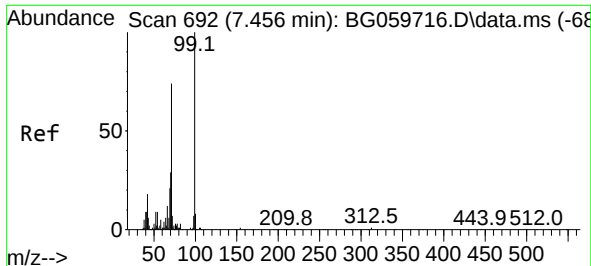
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 26.638 ng
RT: 7.643 min Scan# 724
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

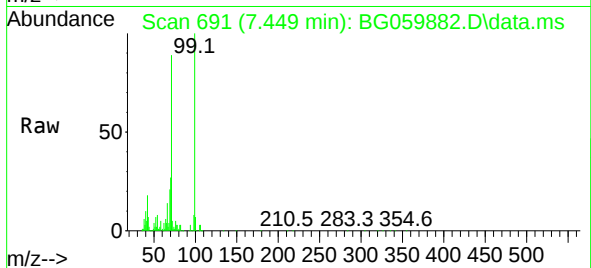
Tgt Ion: 93 Resp: 63020
Ion Ratio Lower Upper
93 100
66 43.2 33.9 50.9
65 21.6 15.8 23.8





#7
Phenol-d6
Concen: 148.514 ng
RT: 7.449 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

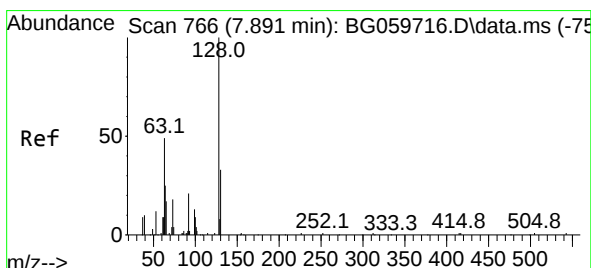
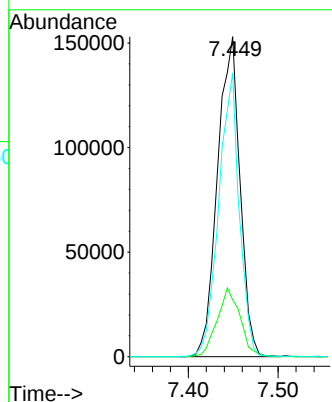
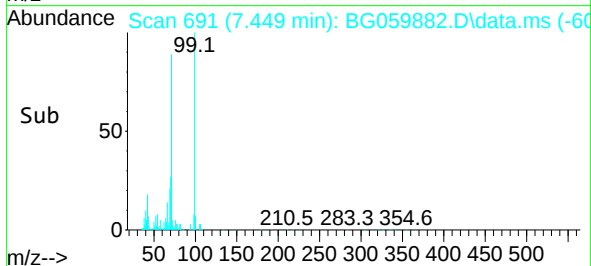
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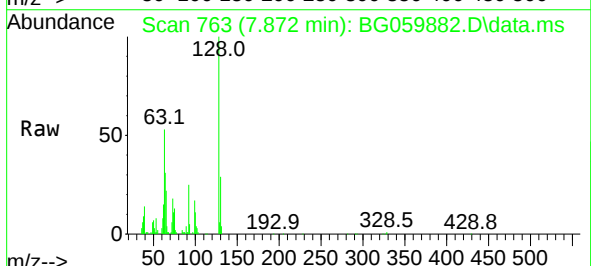
Tgt Ion: 99 Resp: 266235
Ion Ratio Lower Upper
99 100
42 17.8 14.3 21.5
71 88.7 59.3 88.9

Manual Integrations
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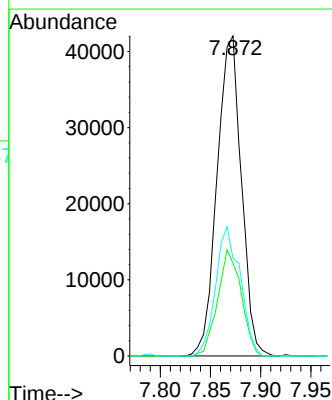
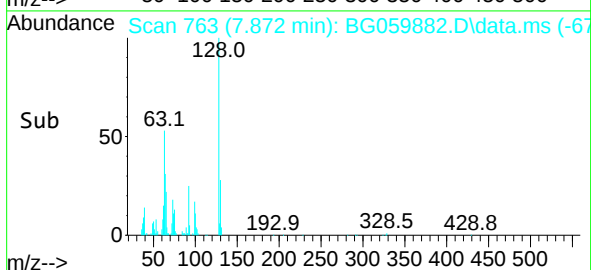
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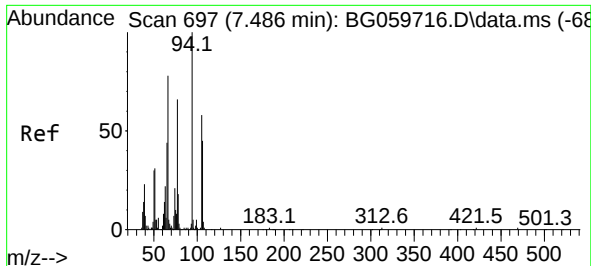


#8
2-Chlorophenol
Concen: 53.936 ng
RT: 7.872 min Scan# 763
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:128 Resp: 70783
Ion Ratio Lower Upper
128 100
130 29.0 13.1 53.1
64 30.6 27.0 67.0





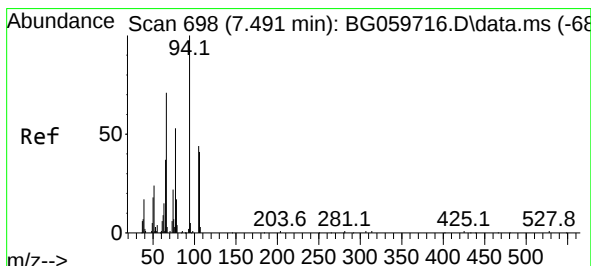
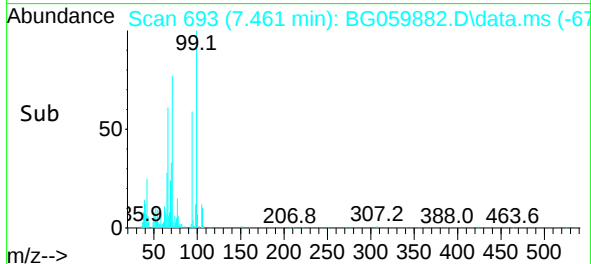
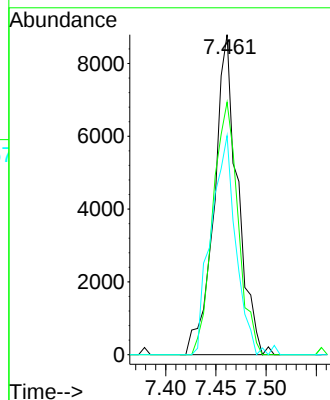
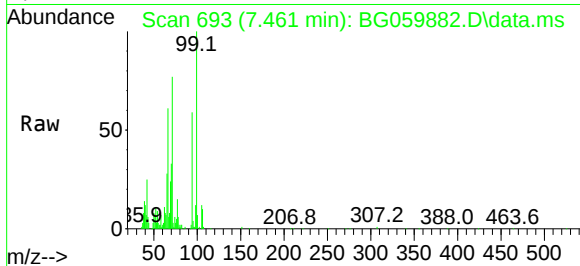
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Benzaldehyde
Concen: 11.774 ng
RT: 7.461 min Scan# 691
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion: 77 Resp: 1426
Ion Ratio Lower Upper
77 100
105 78.9 68.0 108.0
106 68.4 48.1 88.1

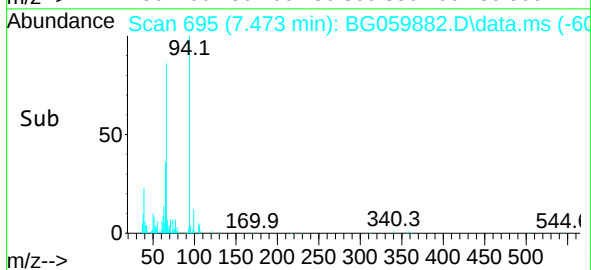
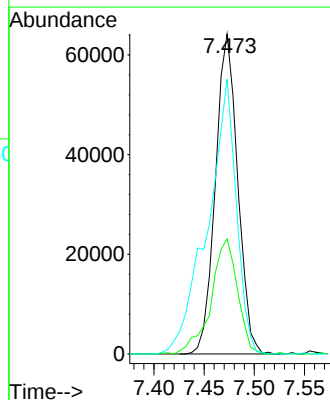
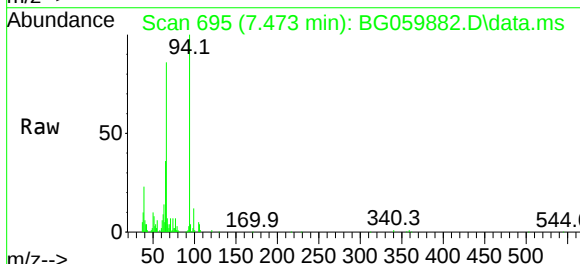
Manual Integrations
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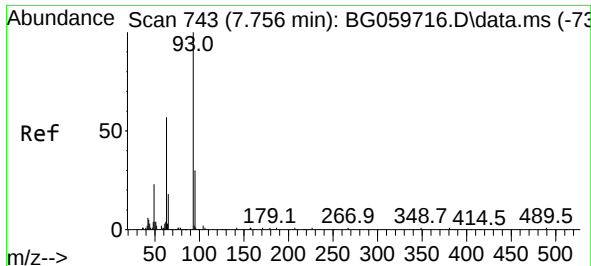
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 53.589 ng
RT: 7.473 min Scan# 695
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion: 94 Resp: 99011
Ion Ratio Lower Upper
94 100
65 36.0 18.1 58.1
66 85.8 56.6 96.6





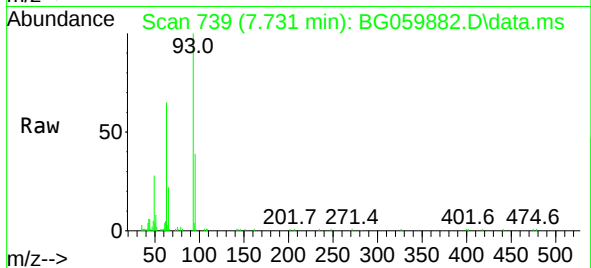
#11
bis(2-Chloroethyl)ether
Concen: 44.169 ng
RT: 7.731 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

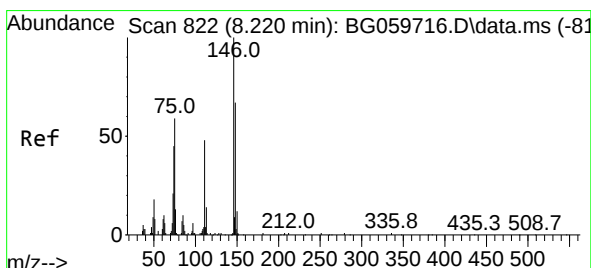
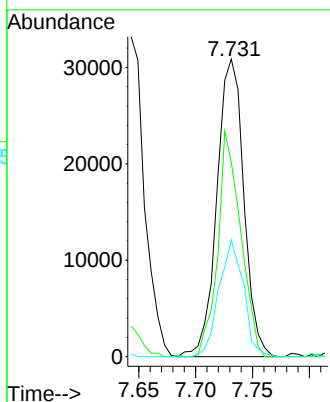
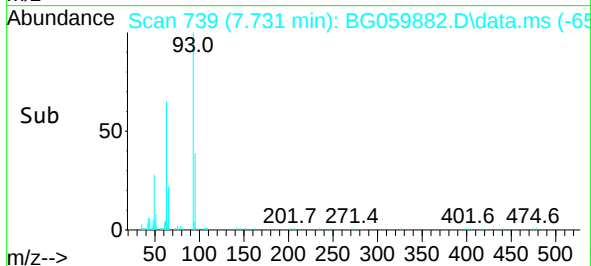
PB157066BS



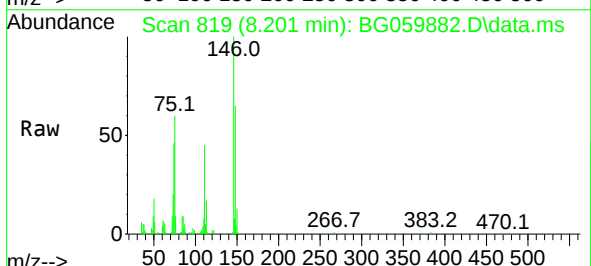
Tgt Ion: 93 Resp: 5080
Ion Ratio Lower Upper
93 100
63 65.2 37.2 77.2
95 39.3 10.2 50.2

Manual Integrations
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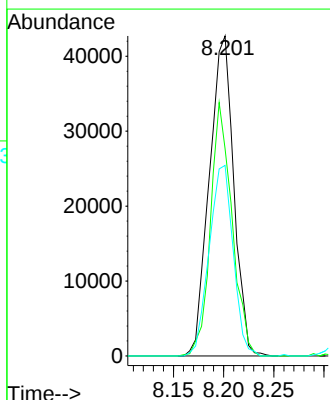
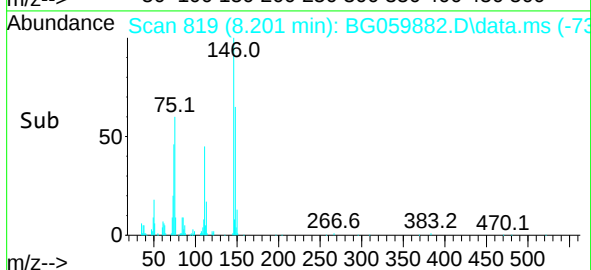
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

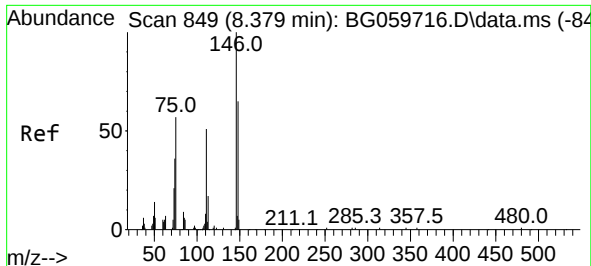


#12
1,3-Dichlorobenzene
Concen: 49.472 ng
RT: 8.201 min Scan# 819
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:146 Resp: 72117
Ion Ratio Lower Upper
146 100
148 64.7 53.9 80.9
75 59.6 47.5 71.3





#13

1,4-Dichlorobenzene

Concen: 51.560 ng m

RT: 8.354 min Scan# 84

Delta R.T. -0.007 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

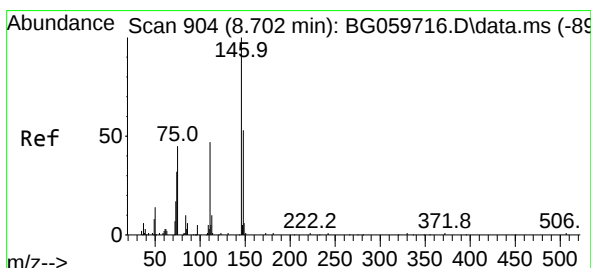
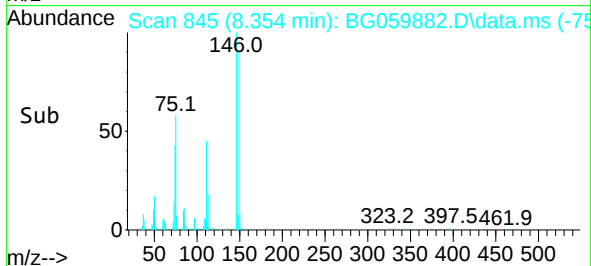
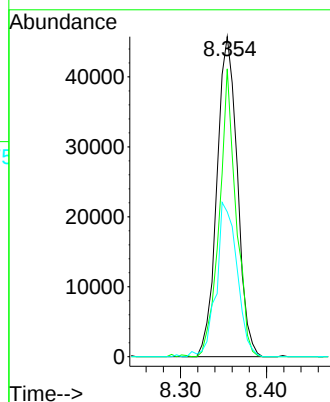
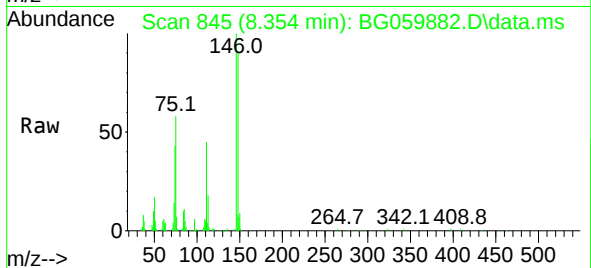
Tgt Ion:146 Resp: 75470
 Ion Ratio Lower Upper
 146 100
 148 90.0 52.3 78.5
 111 45.2 41.2 61.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#14

1,2-Dichlorobenzene

Concen: 49.900 ng

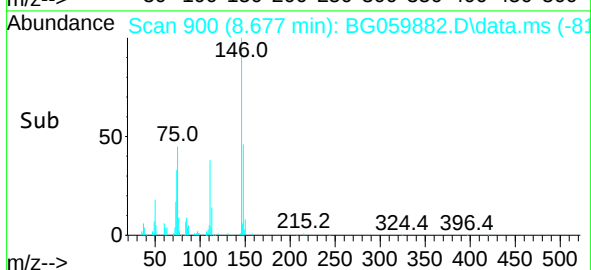
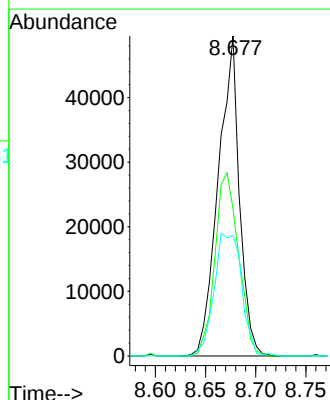
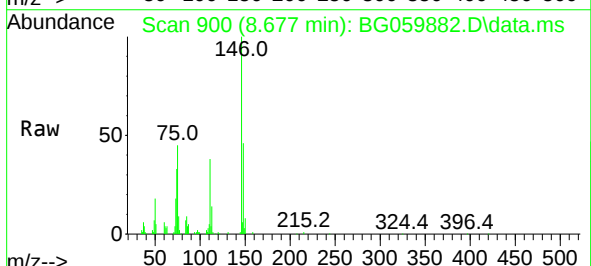
RT: 8.677 min Scan# 900

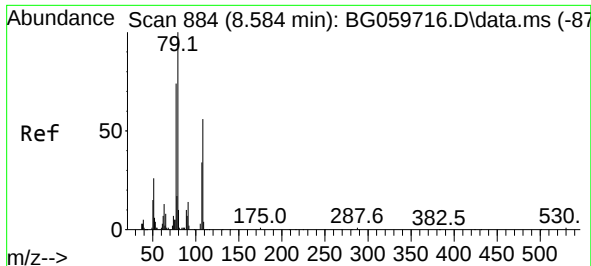
Delta R.T. -0.002 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

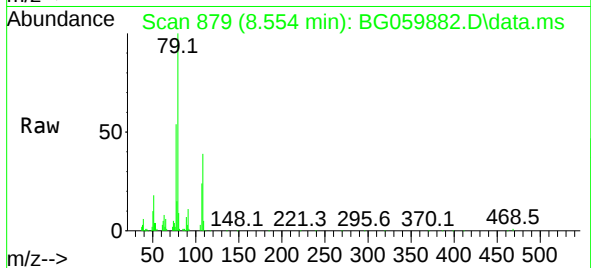
Tgt Ion:146 Resp: 72572
 Ion Ratio Lower Upper
 146 100
 148 46.0 43.1 64.7
 111 37.7 38.3 57.5





#15
Benzyl Alcohol
Concen: 55.784 ng
RT: 8.554 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

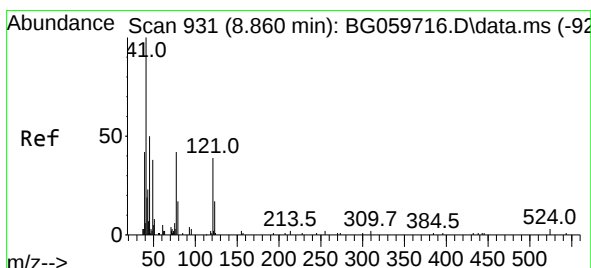
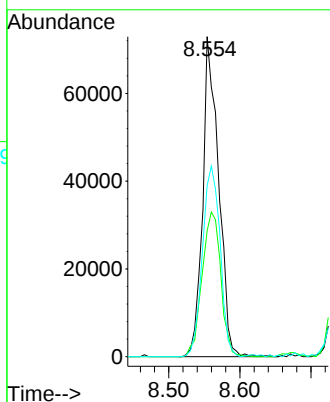
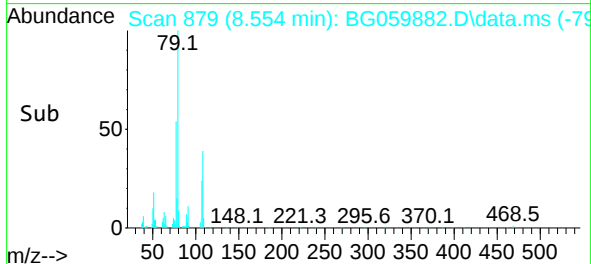
Instrument :
BNA_G
ClientSampleId :
PB157066BS



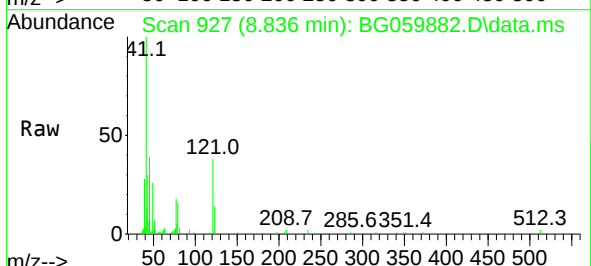
Tgt Ion: 79 Resp: 114036
Ion Ratio Lower Upper
79 100
108 39.3 45.4 68.2
77 53.5 59.4 89.2

Manual Integrations
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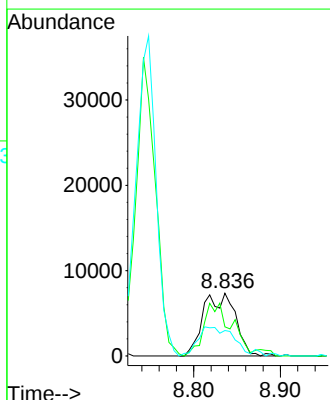
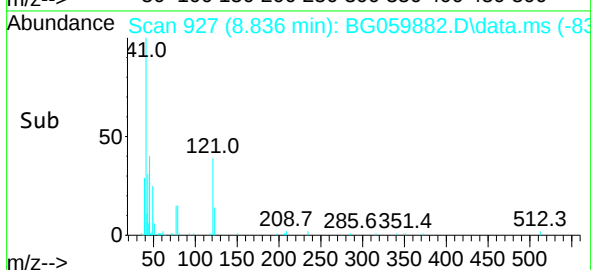
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

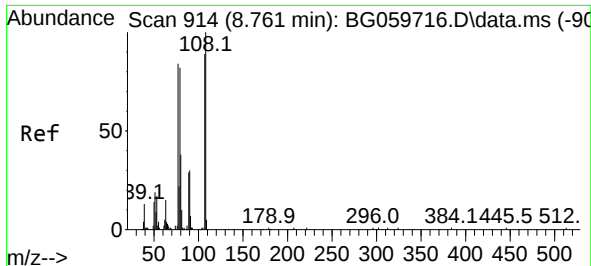


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.752 ng m
RT: 8.836 min Scan# 927
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion: 45 Resp: 18937
Ion Ratio Lower Upper
45 100
77 46.5 63.6 103.6
79 40.7 19.6 59.6





#17
2-Methylphenol
Concen: 53.183 ng
RT: 8.742 min Scan# 914
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

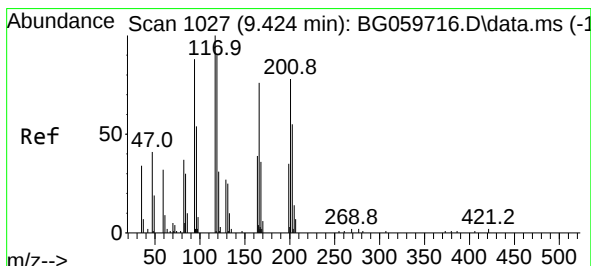
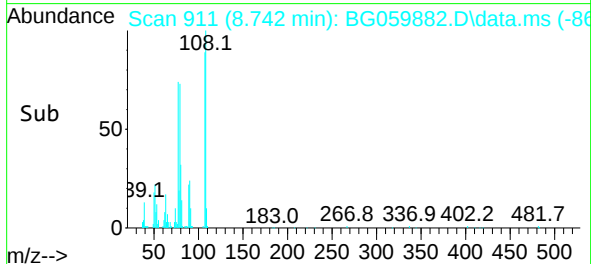
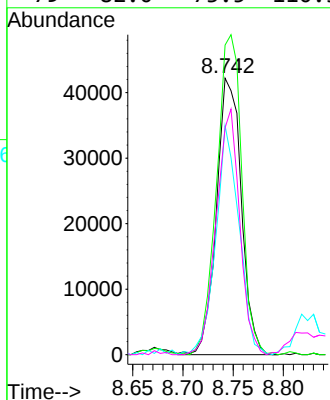
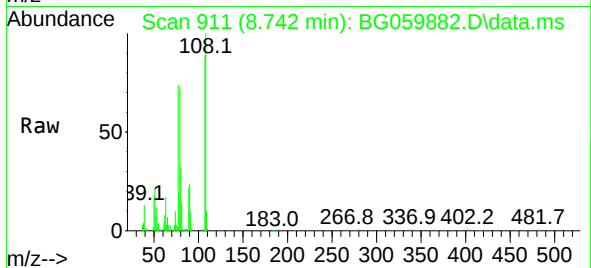
ClientSampleId :

PB157066BS

Tgt Ion:107 Resp: 72374
Ion Ratio Lower Upper
107 100
108 112.0 90.0 135.0
77 82.9 76.5 114.7
79 82.0 73.5 110.3

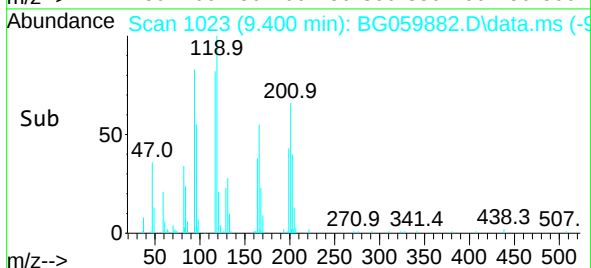
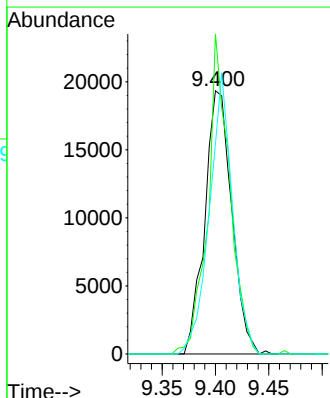
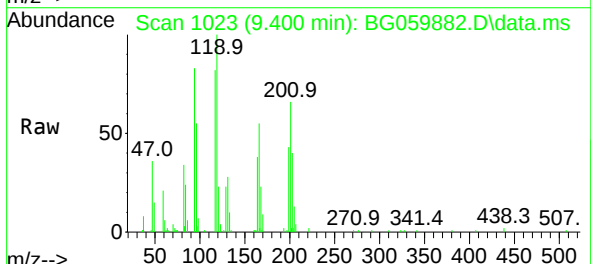
Manual Integrations
APPROVED

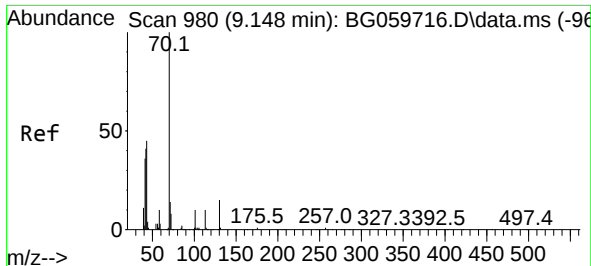
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 54.898 ng
RT: 9.400 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:117 Resp: 34109
Ion Ratio Lower Upper
117 100
119 121.5 71.8 107.8#
201 79.9 62.2 93.4





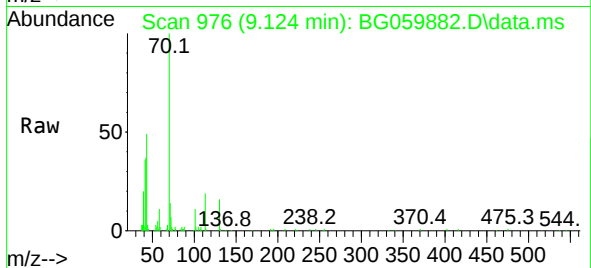
#19
n-Nitroso-di-n-propylamine
Concen: 46.753 ng
RT: 9.124 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

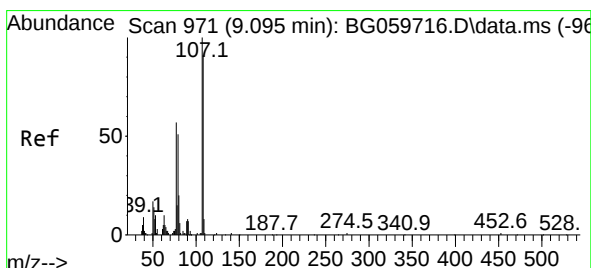
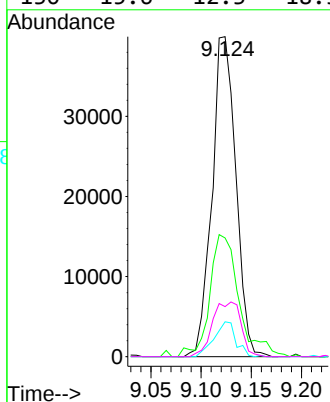
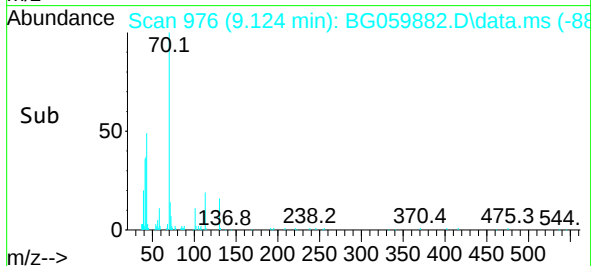
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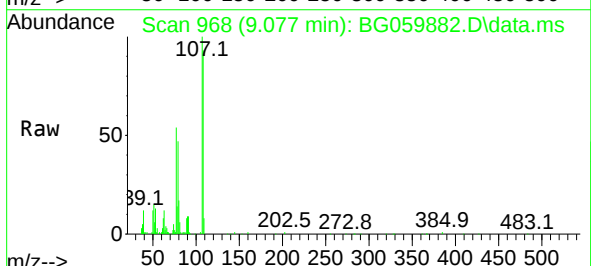
Tgt Ion: 70 Resp: 6600
Ion Ratio Lower Upper
70 100
42 37.1 32.8 49.2
101 10.9 7.7 11.5
130 15.6 12.3 18.5

Manual Integrations
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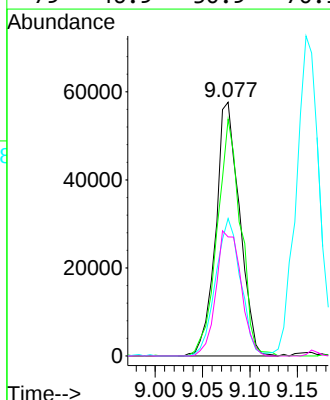
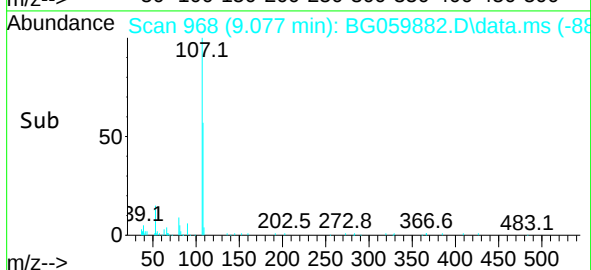
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

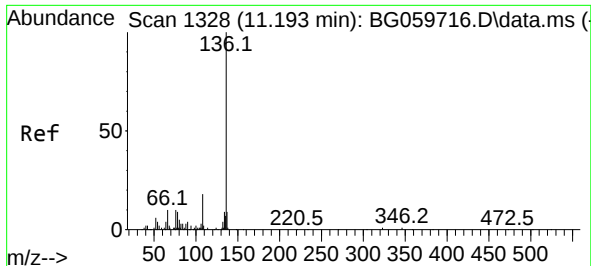


#20
3+4-Methylphenols
Concen: 53.403 ng
RT: 9.077 min Scan# 968
Delta R.T. -0.013 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:107 Resp: 100889
Ion Ratio Lower Upper
107 100
108 93.3 71.1 111.1
77 54.2 37.5 77.5
79 46.9 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 111
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

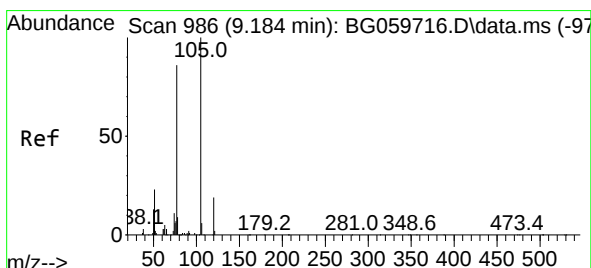
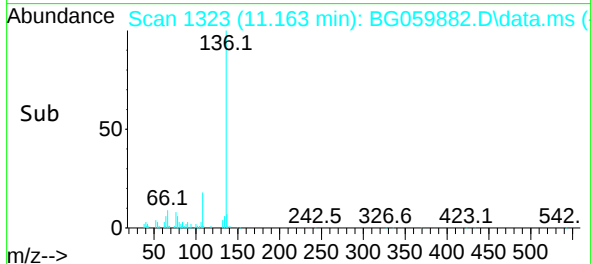
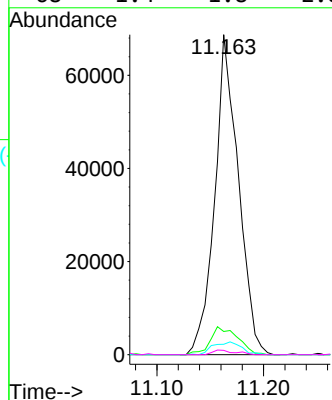
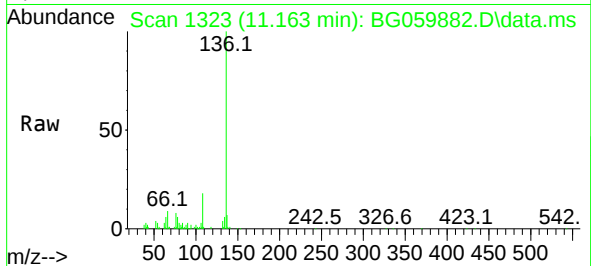
ClientSampleId :

PB157066BS

Tgt Ion:136 Resp: 10565
Ion Ratio Lower Upper
136 100
137 7.2 7.4 11.0
54 3.2 3.1 4.7
68 1.4 1.8 2.8#

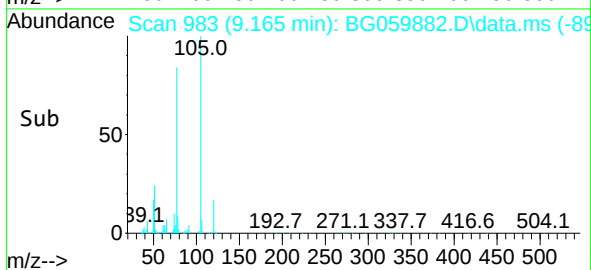
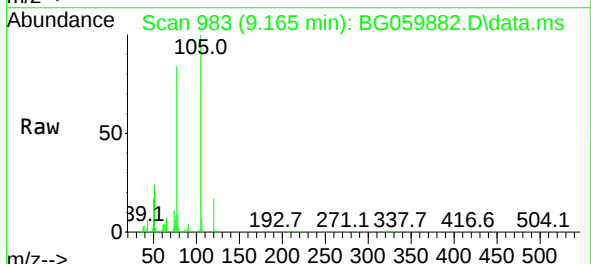
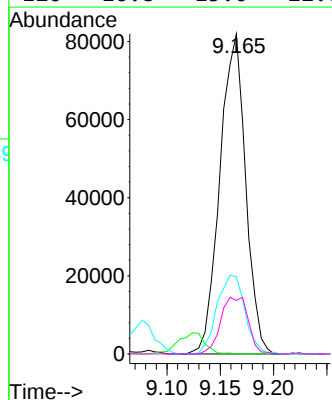
Manual Integrations
APPROVED

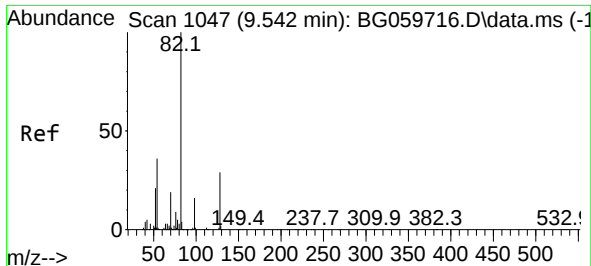
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 45.908 ng
RT: 9.165 min Scan# 983
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:105 Resp: 137316
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.1 18.4 27.6
120 16.8 15.0 22.6





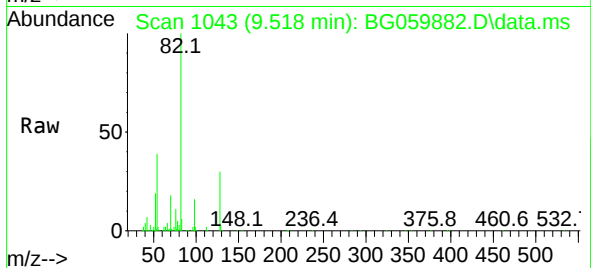
#23
Nitrobenzene-d5
Concen: 91.663 ng
RT: 9.518 min Scan# 1043
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

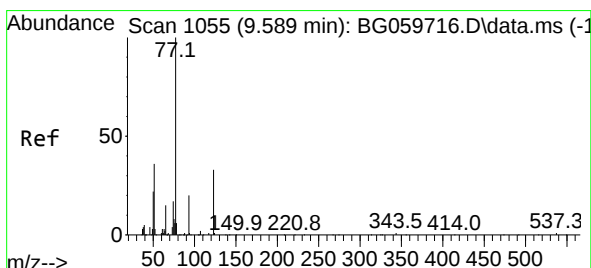
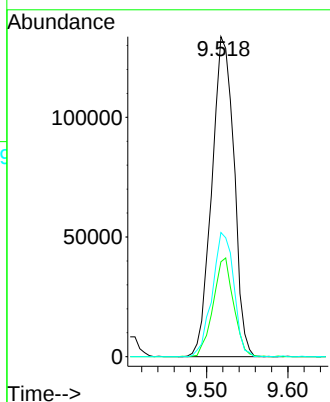
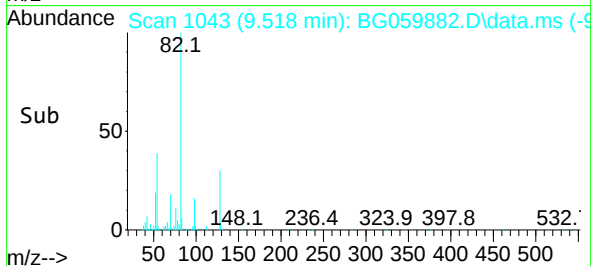
PB157066BS



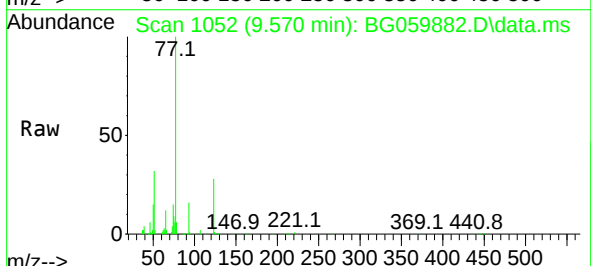
Tgt Ion: 82 Resp: 253569
Ion Ratio Lower Upper
82 100
128 29.6 23.0 34.6
54 38.8 28.7 43.1

Manual Integrations
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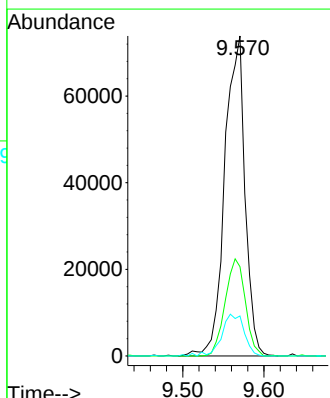
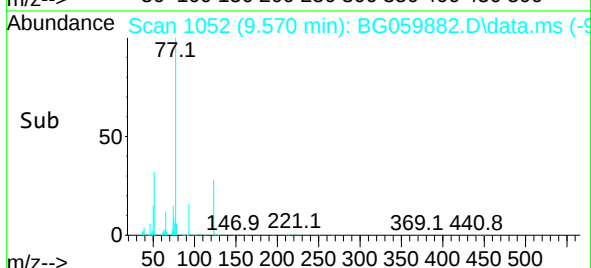
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

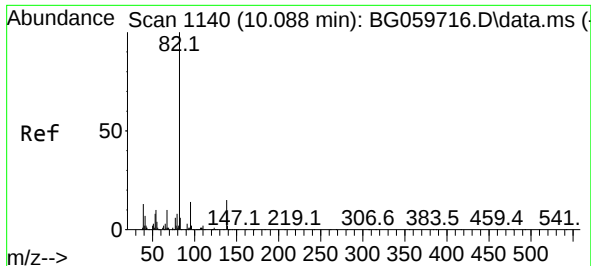


#24
Nitrobenzene
Concen: 50.153 ng
RT: 9.570 min Scan# 1052
Delta R.T. 0.004 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion: 77 Resp: 127778
Ion Ratio Lower Upper
77 100
123 27.9 26.1 39.1
65 12.5 12.1 18.1





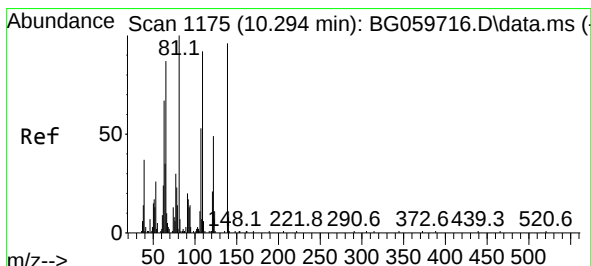
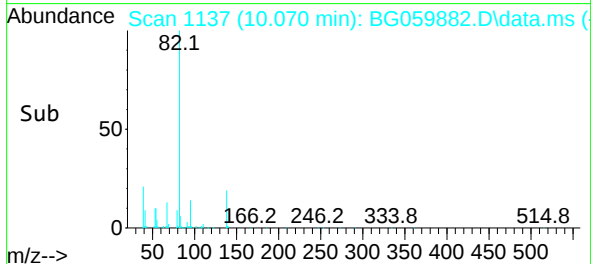
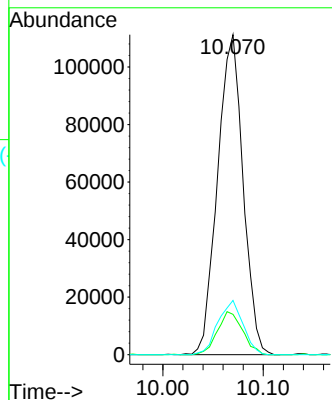
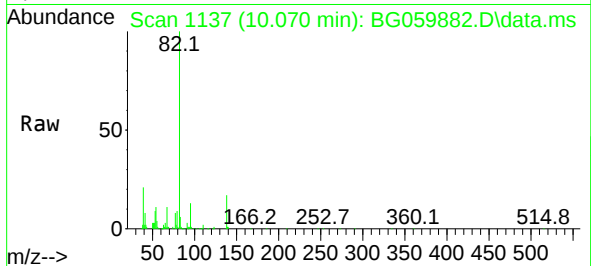
#25
Isophorone
Concen: 42.317 ng
RT: 10.070 min Scan# 1140
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion: 82 Resp: 196528
Ion Ratio Lower Upper
82 100
95 12.6 11.4 17.0
138 16.9 12.1 18.1

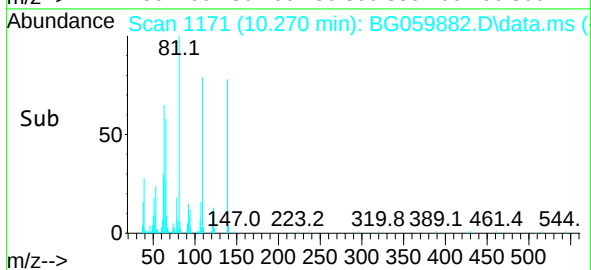
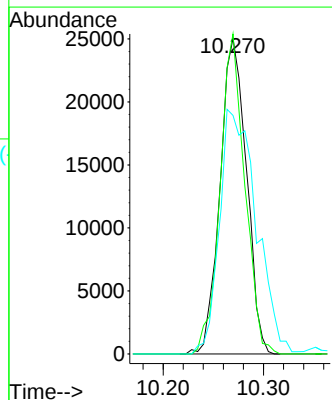
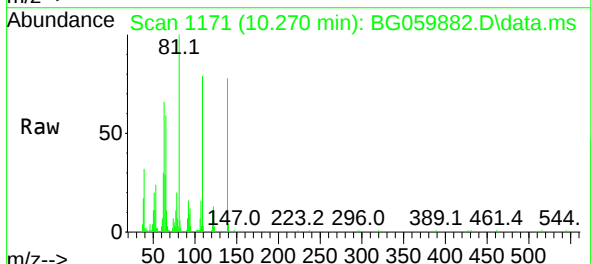
Manual Integrations
APPROVED

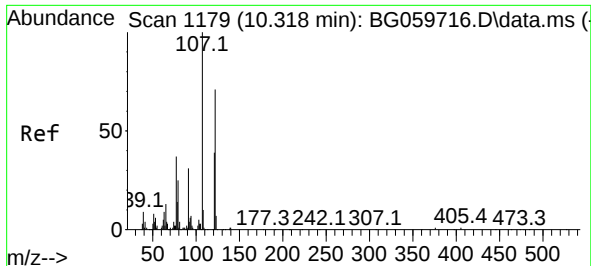
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 48.863 ng
RT: 10.270 min Scan# 1171
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:139 Resp: 45641
Ion Ratio Lower Upper
139 100
109 101.4 76.7 115.1
65 75.6 72.1 108.1





#27

2,4-Dimethylphenol

Concen: 45.806 ng

RT: 10.299 min Scan# 1179

Delta R.T. -0.002 min

Lab File: BG059882.D

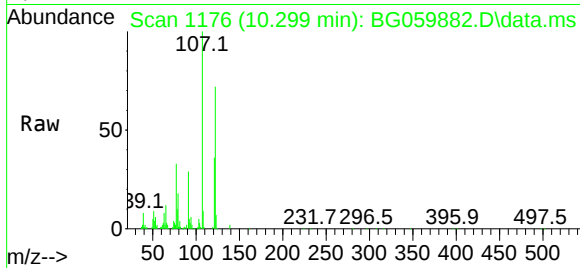
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS



Tgt Ion:122 Resp: 86992

Ion Ratio Lower Upper

122 100

107 138.2 112.1 168.1

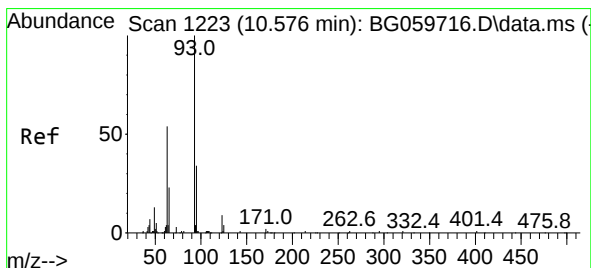
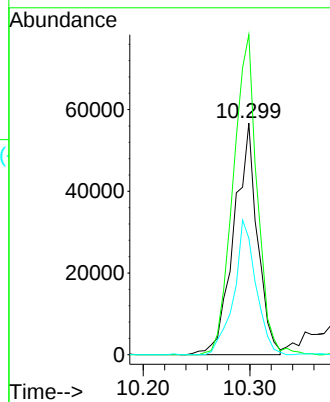
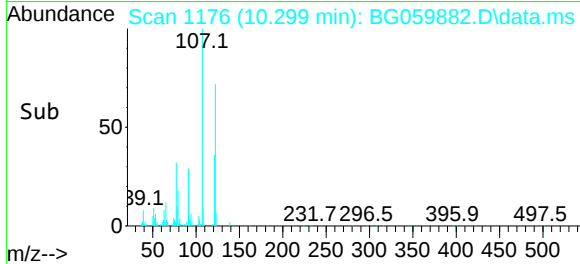
121 50.3 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.287 ng

RT: 10.552 min Scan# 1219

Delta R.T. -0.007 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

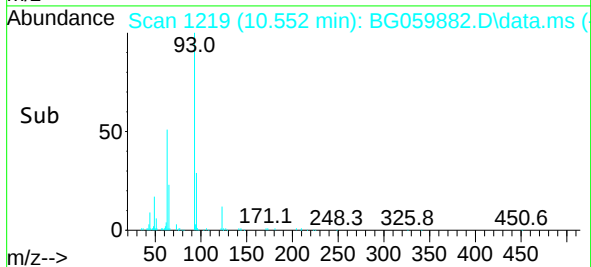
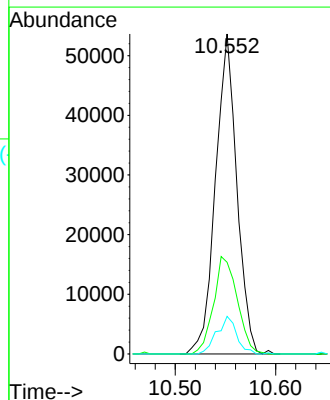
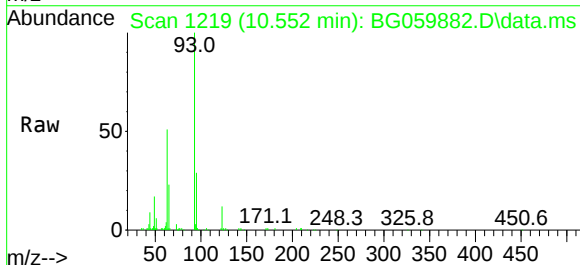
Tgt Ion: 93 Resp: 79034

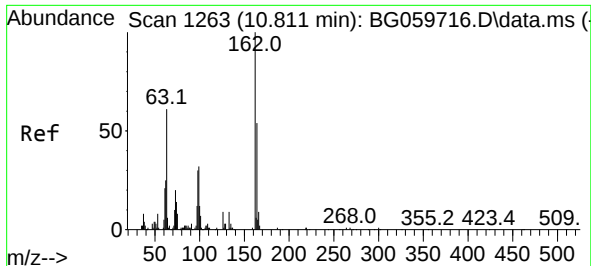
Ion Ratio Lower Upper

93 100

95 28.7 27.0 40.6

123 11.8 7.6 11.4#





#29
2,4-Dichlorophenol
Concen: 54.640 ng
RT: 10.798 min Scan# 1261
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

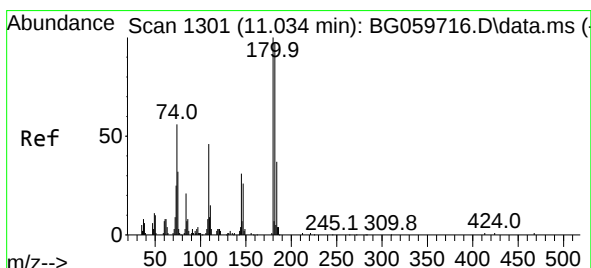
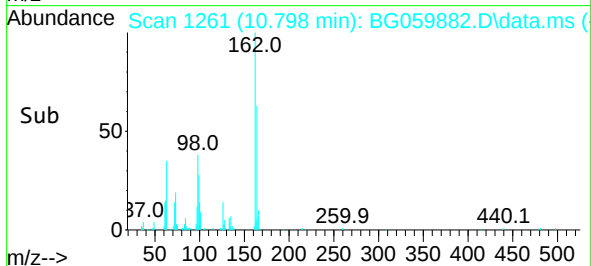
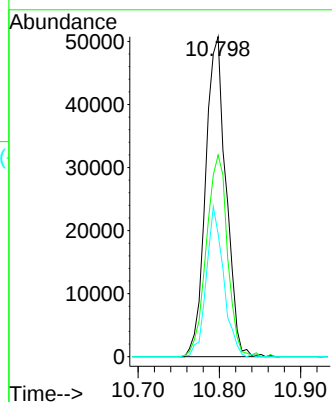
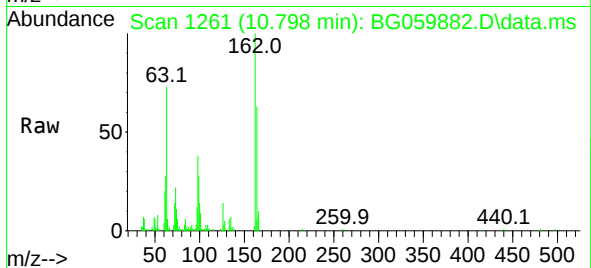
PB157066BS

Tgt Ion:162 Resp: 8859
Ion Ratio Lower Upper
162 100
164 63.0 33.6 73.6
98 38.3 10.7 50.7

Manual Integrations

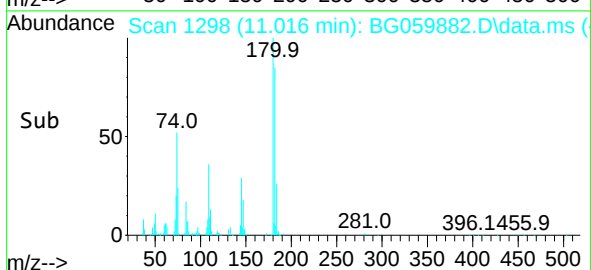
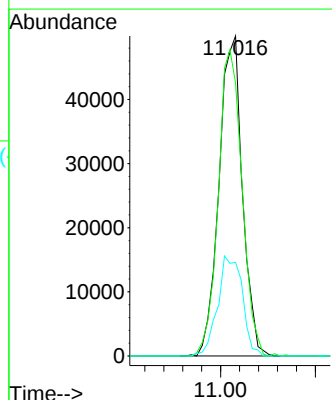
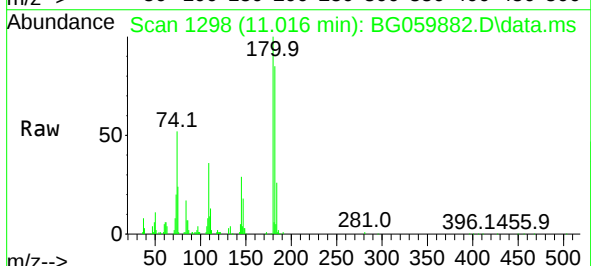
APPROVED

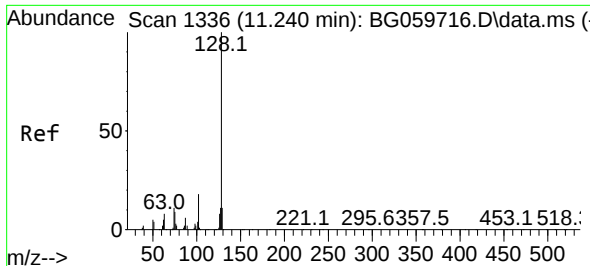
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 52.088 ng
RT: 11.016 min Scan# 1298
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:180 Resp: 85356
Ion Ratio Lower Upper
180 100
182 85.3 77.4 116.2
145 29.3 24.4 36.6





#31
Naphthalene
Concen: 47.863 ng
RT: 11.221 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

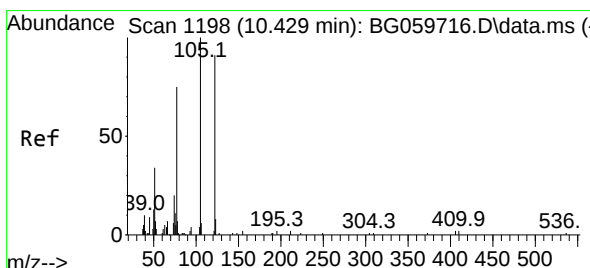
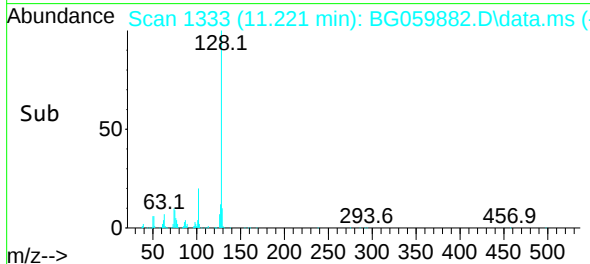
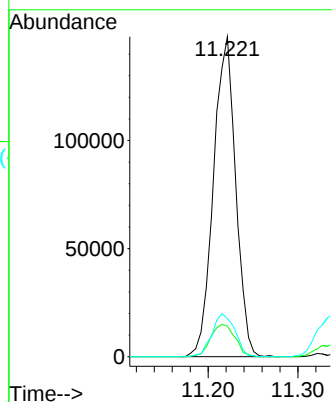
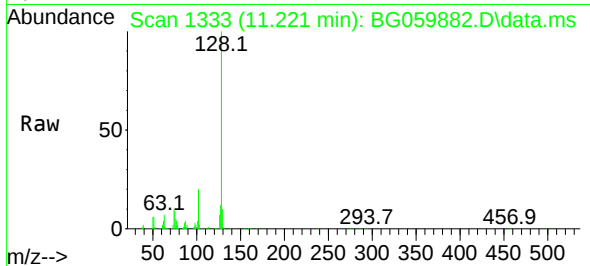
PB157066BS

Tgt Ion:128 Resp: 25427
Ion Ratio Lower Upper
128 100
129 9.6 8.7 13.1
127 11.9 9.2 13.8

Manual Integrations

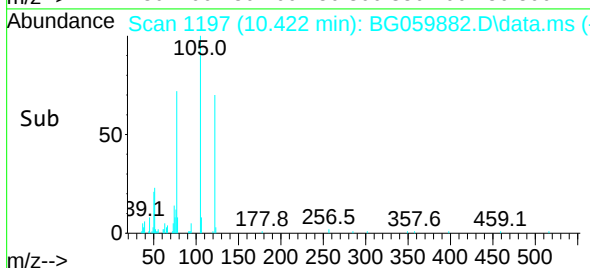
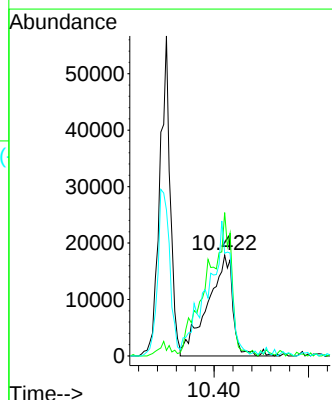
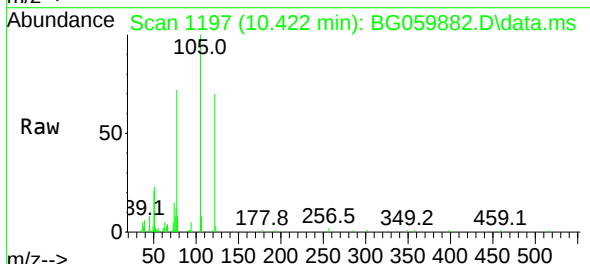
APPROVED

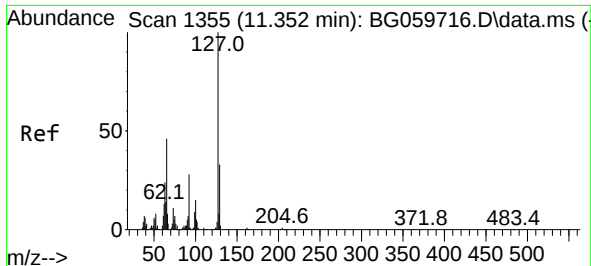
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#32
Benzoic acid
Concen: 51.108 ng m
RT: 10.422 min Scan# 1197
Delta R.T. -0.019 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:122 Resp: 66055
Ion Ratio Lower Upper
122 100
105 142.2 103.7 143.7
77 101.9 82.3 122.3





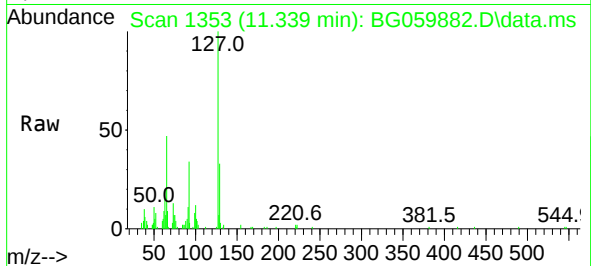
#33
4-Chloroaniline
Concen: 15.353 ng
RT: 11.339 min Scan# 11353
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS



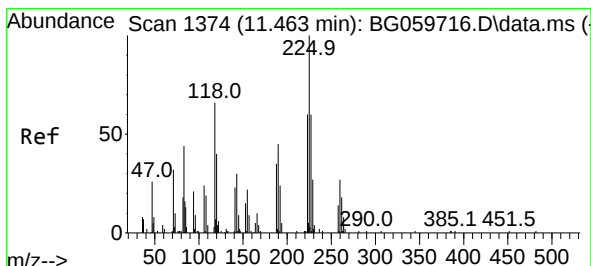
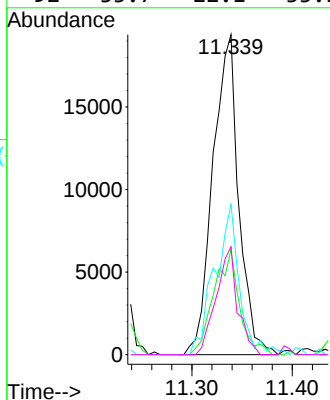
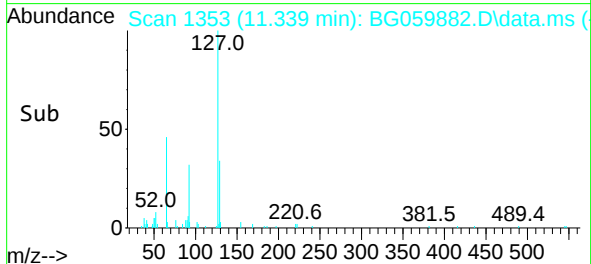
Tgt Ion:127 Resp: 3469
Ion Ratio Lower Upper
127 100
129 32.7 26.8 40.2
65 46.9 36.5 54.7
92 33.7 22.1 33.1#

Manual Integrations

APPROVED

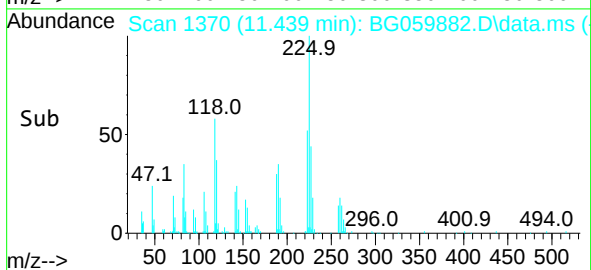
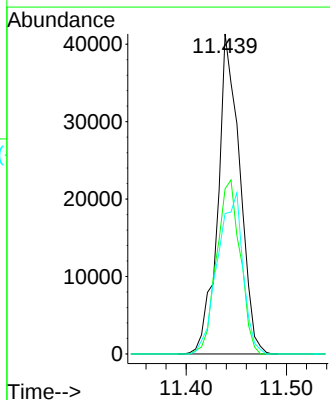
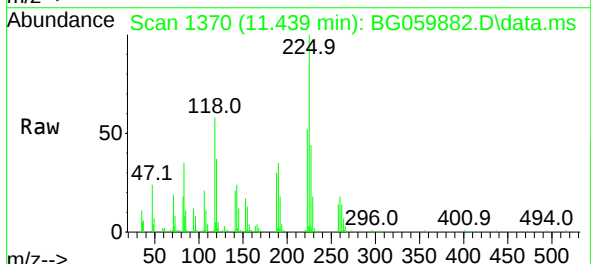
Reviewed By :Yogesh Patel 11/28/2023

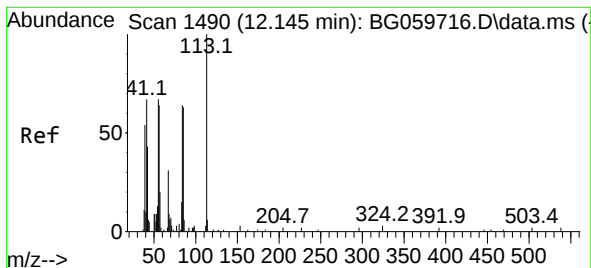
Supervised By :mohammad ahmed 11/28/2023



#34
Hexachlorobutadiene
Concen: 56.380 ng
RT: 11.439 min Scan# 1370
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

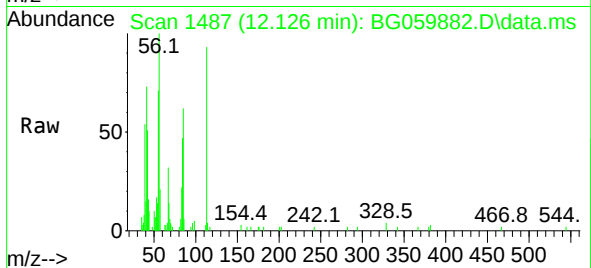
Tgt Ion:225 Resp: 62879
Ion Ratio Lower Upper
225 100
223 51.6 46.6 69.8
227 43.9 48.2 72.2#





#35
Caprolactam
Concen: 50.763 ng m
RT: 12.126 min Scan# 1490
Delta R.T. -0.019 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

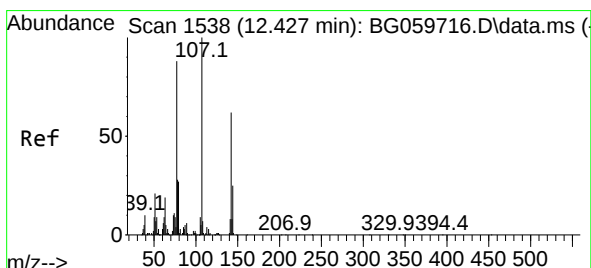
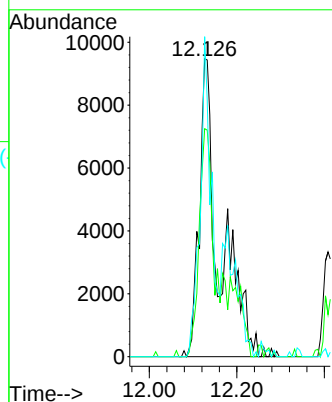
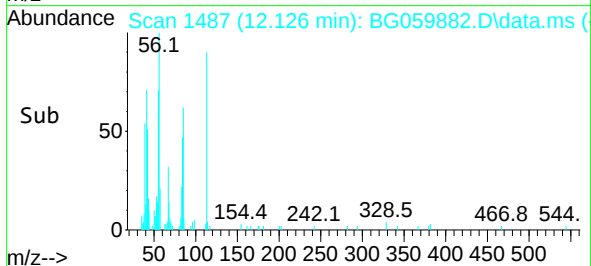
Instrument :
BNA_G
ClientSampleId :
PB157066BS



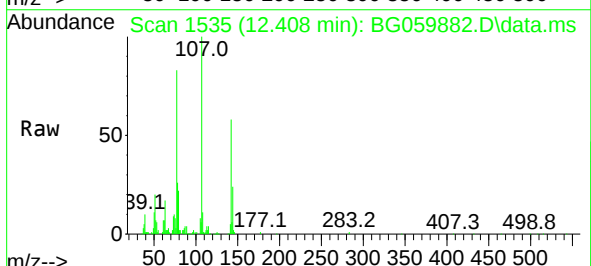
Tgt Ion:113 Resp: 3008
Ion Ratio Lower Upper
113 100
55 76.5 47.1 87.1
56 107.3 43.7 83.7

Manual Integrations
APPROVED

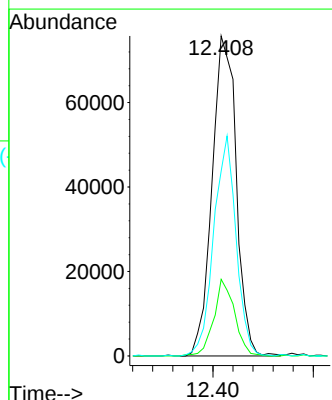
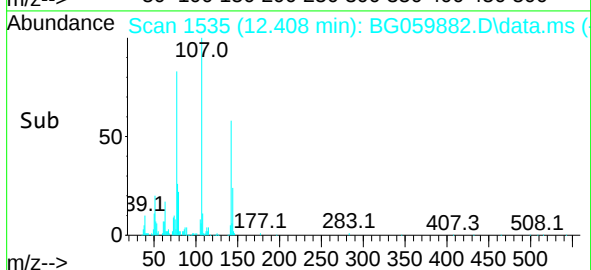
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

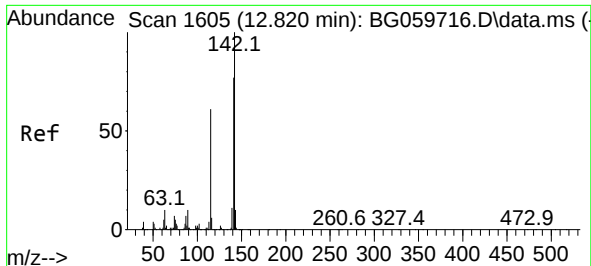


#36
4-Chloro-3-methylphenol
Concen: 58.781 ng
RT: 12.408 min Scan# 1535
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:107 Resp: 126757
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.4
142 57.7 49.4 74.0





#37
2-Methylnaphthalene
Concen: 48.827 ng
RT: 12.796 min Scan# 1601
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

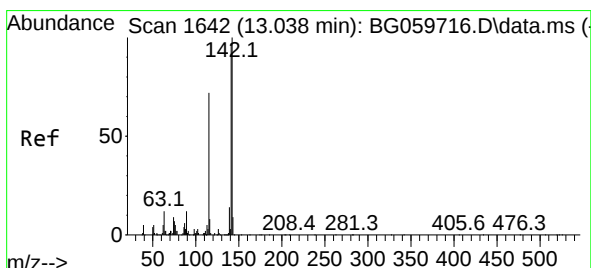
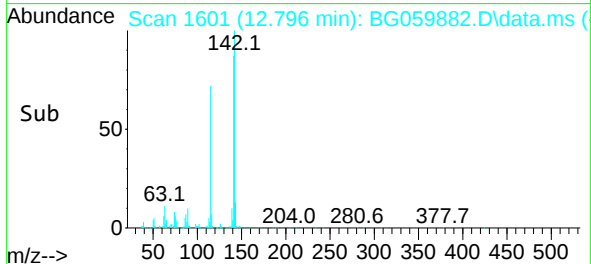
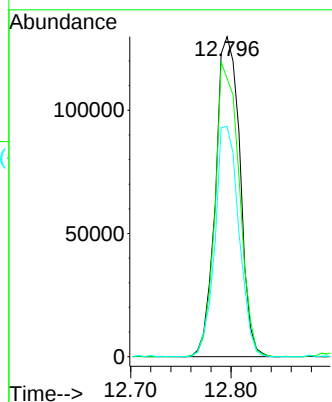
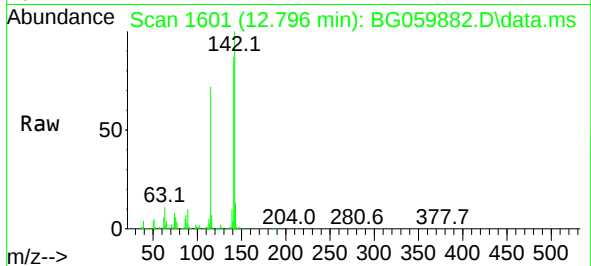
PB157066BS

Tgt Ion:142 Resp: 21847
Ion Ratio Lower Upper
142 100
141 87.0 61.9 92.9
115 71.9 49.0 73.4

Manual Integrations

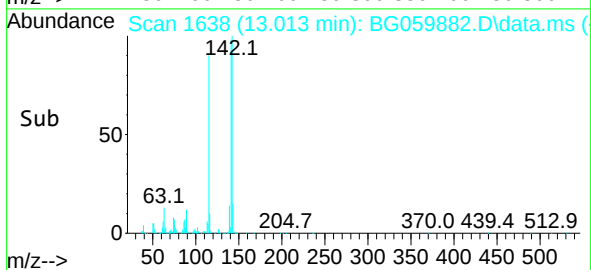
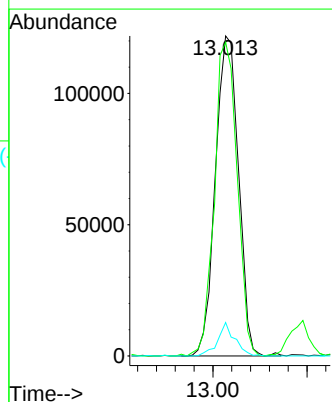
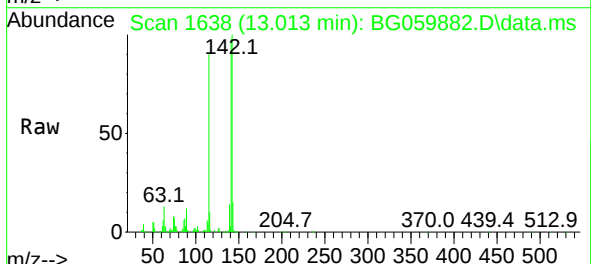
APPROVED

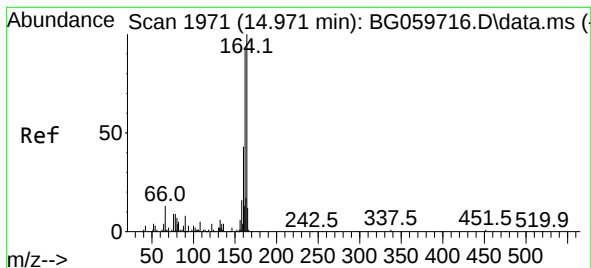
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#38
1-Methylnaphthalene
Concen: 50.582 ng m
RT: 13.013 min Scan# 1638
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:142 Resp: 208716
Ion Ratio Lower Upper
142 100
141 98.0 77.8 116.8
116 10.4 6.2 9.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.952 min Scan# 1971

Delta R.T. -0.002 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

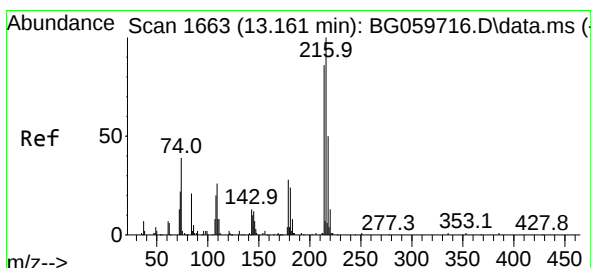
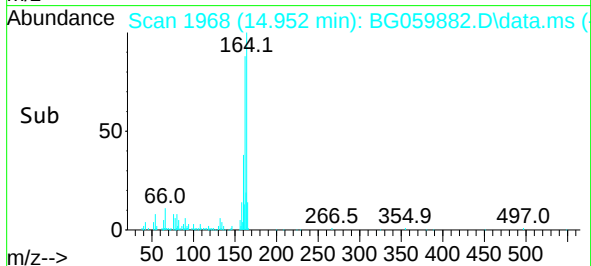
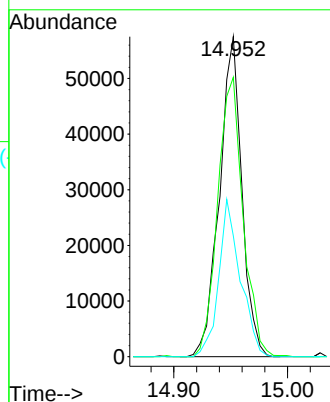
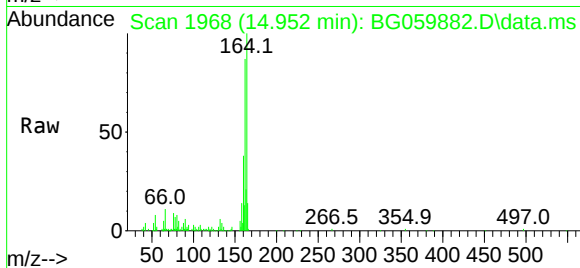
PB157066BS

Tgt Ion:164 Resp: 7884

Ion	Ratio	Lower	Upper
164	100		
162	87.3	73.3	109.9
160	37.8	34.1	51.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.534 ng

RT: 13.143 min Scan# 1660

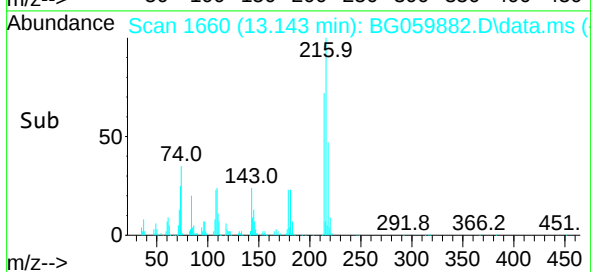
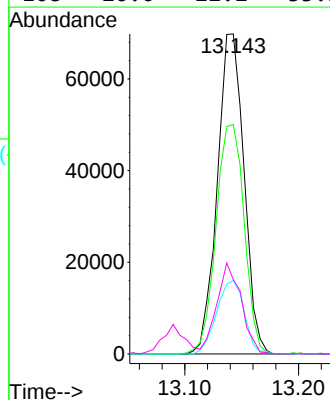
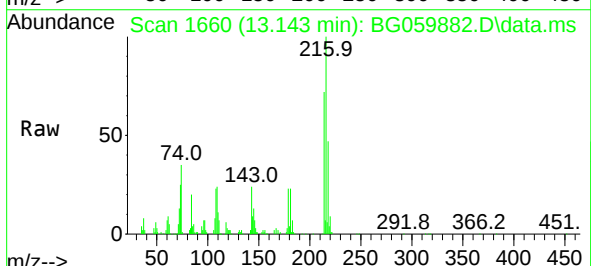
Delta R.T. -0.002 min

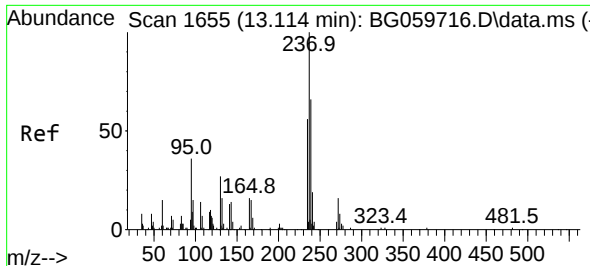
Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Tgt Ion:216 Resp: 113987

Ion	Ratio	Lower	Upper
216	100		
214	75.5	61.0	91.4
179	23.7	20.2	30.2
108	26.0	22.2	33.2





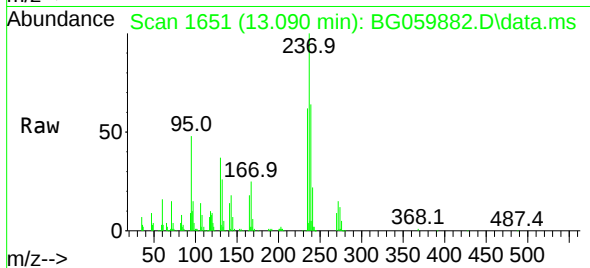
#41
Hexachlorocyclopentadiene
Concen: 97.210 ng
RT: 13.090 min Scan# 1651
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

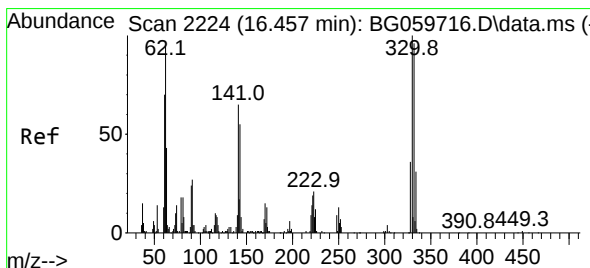
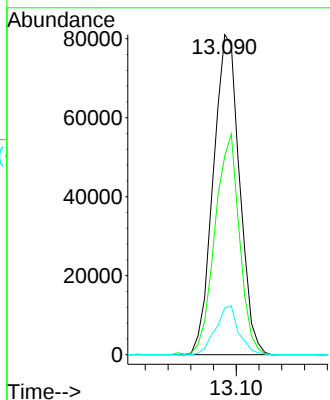
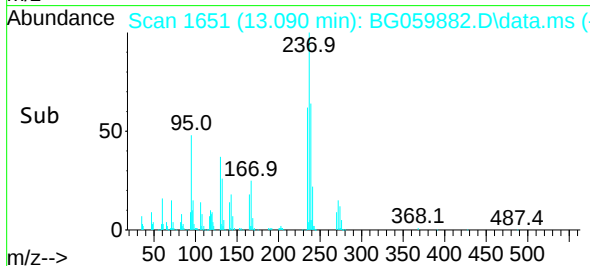
PB157066BS



Tgt Ion:237 Resp: 129830
Ion Ratio Lower Upper
237 100
235 62.1 36.0 76.0
272 14.6 0.0 36.5

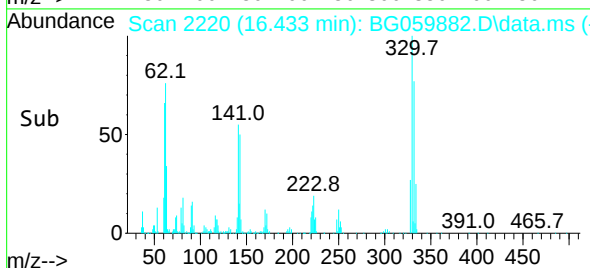
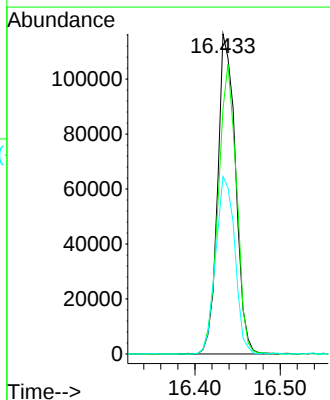
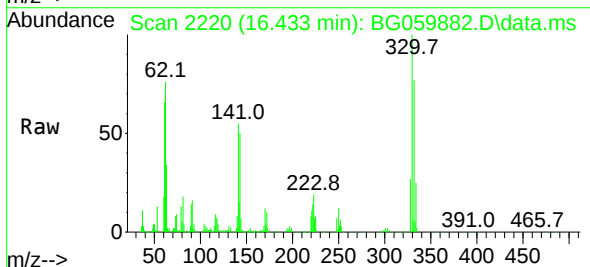
Manual Integrations
APPROVED

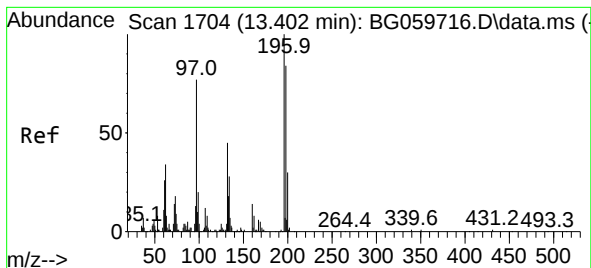
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#42
2,4,6-Tribromophenol
Concen: 189.622 ng
RT: 16.433 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:330 Resp: 169628
Ion Ratio Lower Upper
330 100
332 92.2 73.3 109.9
141 59.4 52.1 78.1





#43

2,4,6-Trichlorophenol

Concen: 53.856 ng

RT: 13.378 min Scan# 1

Delta R.T. -0.013 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

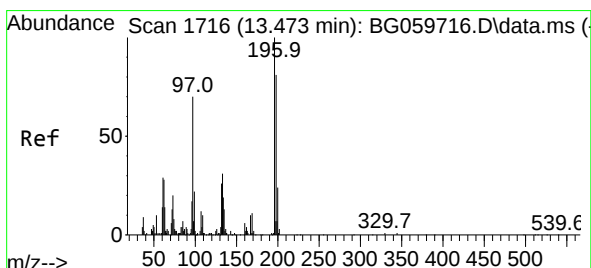
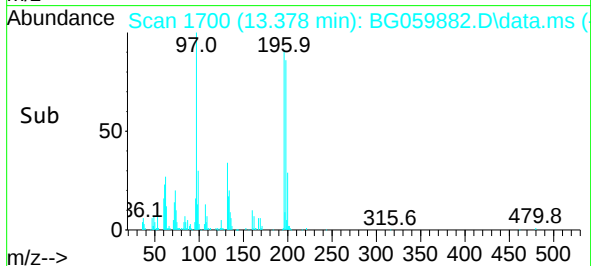
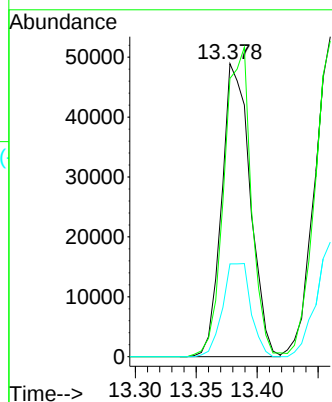
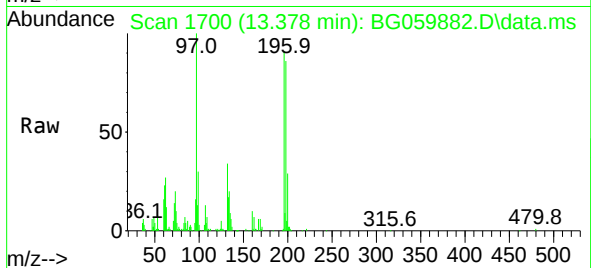
Tgt Ion:196 Resp: 7974

Ion	Ratio	Lower	Upper
196	100		
198	94.9	67.6	101.4
200	31.7	24.4	36.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#44

2,4,5-Trichlorophenol

Concen: 49.201 ng

RT: 13.460 min Scan# 1714

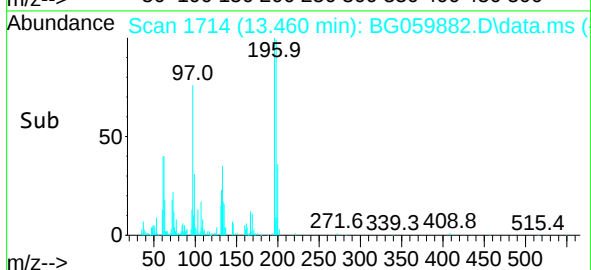
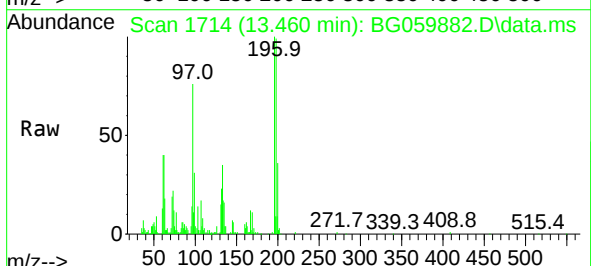
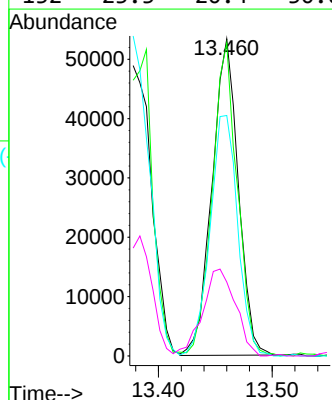
Delta R.T. -0.002 min

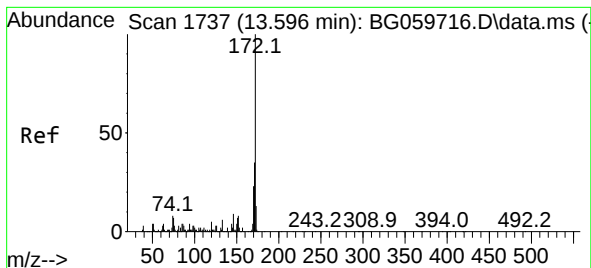
Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Tgt Ion:196 Resp: 85599

Ion	Ratio	Lower	Upper
196	100		
198	98.7	66.7	100.1
97	75.9	55.9	83.9
132	23.3	20.4	30.6





#45
2-Fluorobiphenyl
Concen: 97.992 ng
RT: 13.572 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

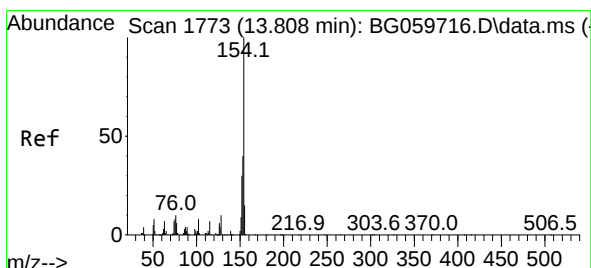
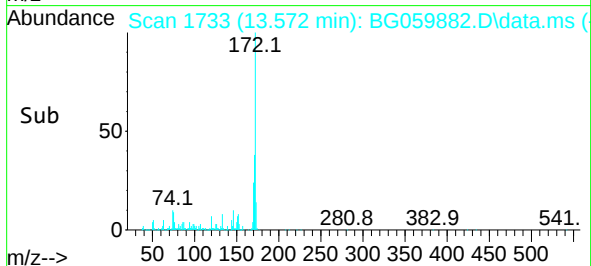
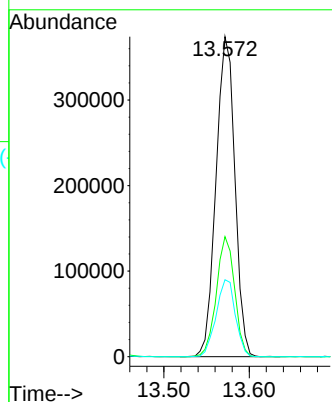
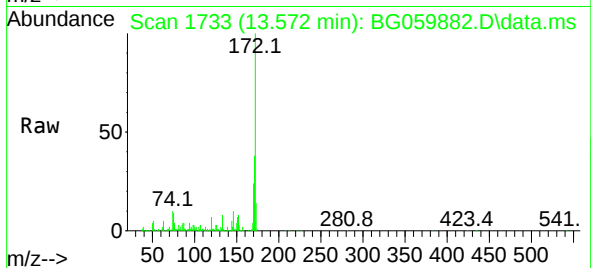
ClientSampleId :

PB157066BS

Tgt Ion:172 Resp: 57396
Ion Ratio Lower Upper
172 100
171 37.5 27.7 41.5
170 24.1 18.4 27.6

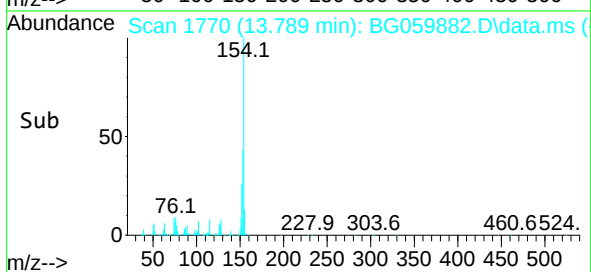
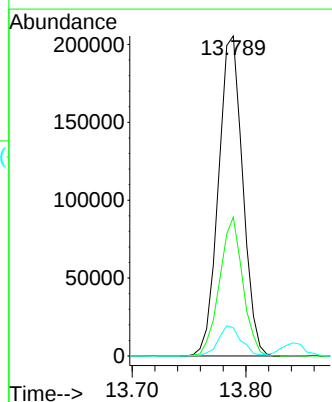
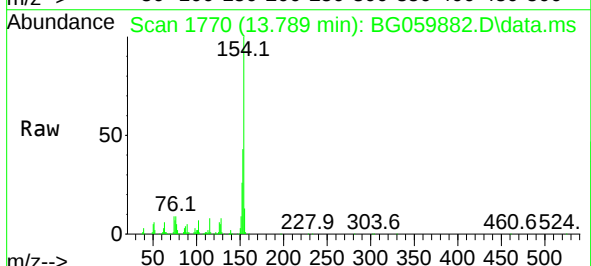
Manual Integrations
APPROVED

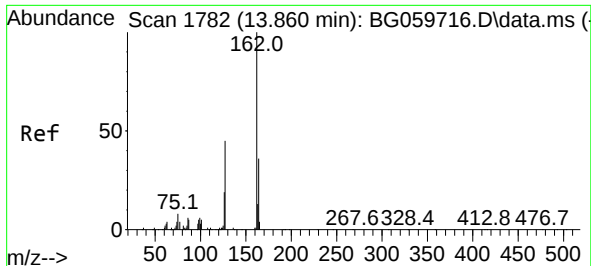
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 49.115 ng
RT: 13.789 min Scan# 1770
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:154 Resp: 303946
Ion Ratio Lower Upper
154 100
153 43.4 19.7 59.7
76 8.8 0.0 30.4





#47

2-Chloronaphthalene

Concen: 54.449 ng

RT: 13.842 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

Tgt Ion:162 Resp: 23153

Ion Ratio Lower Upper

162 100

127 45.2 41.0 61.6

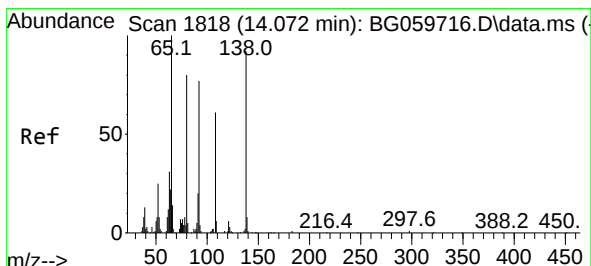
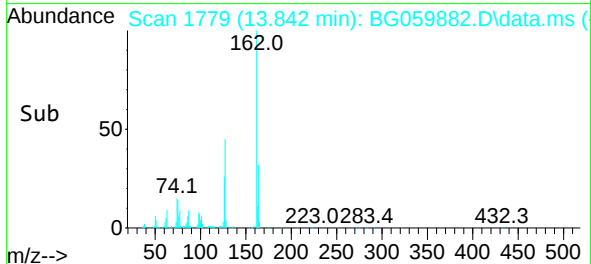
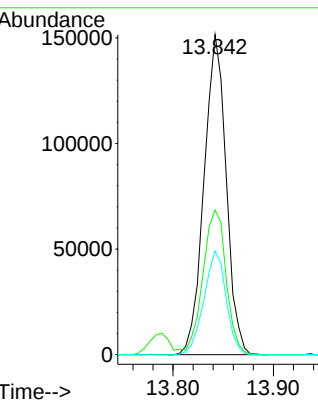
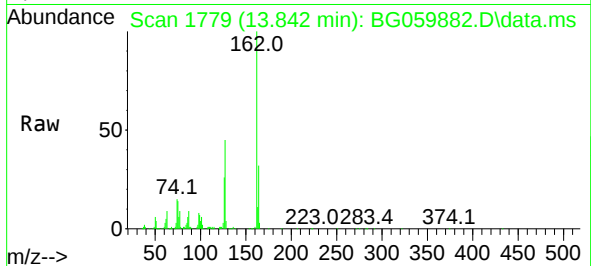
164 32.3 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#48

2-Nitroaniline

Concen: 54.828 ng

RT: 14.059 min Scan# 1816

Delta R.T. -0.007 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

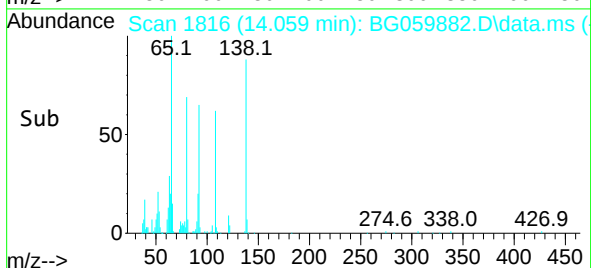
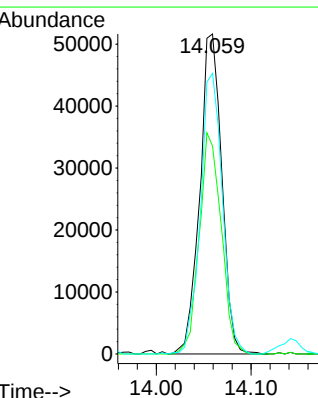
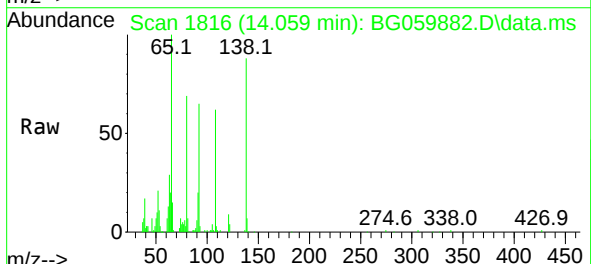
Tgt Ion: 65 Resp: 83239

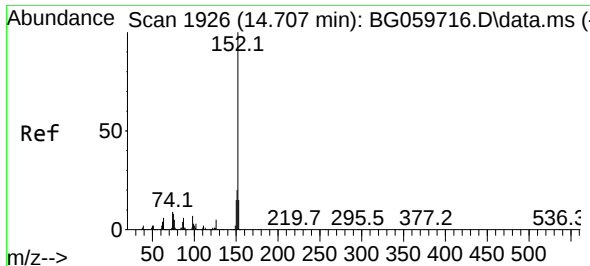
Ion Ratio Lower Upper

65 100

92 65.0 61.2 91.8

138 87.7 73.8 110.6





#49
Acenaphthylene
Concen: 52.738 ng
RT: 14.682 min Scan# 1922
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

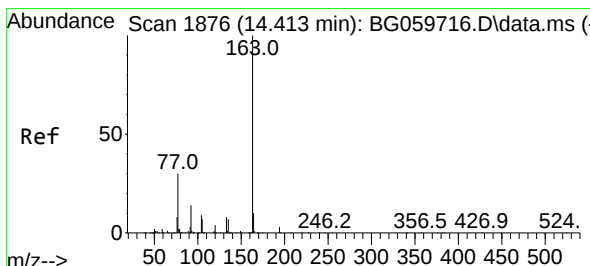
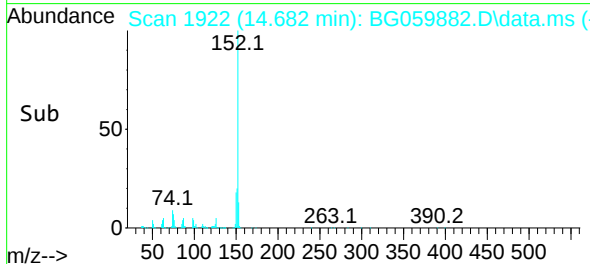
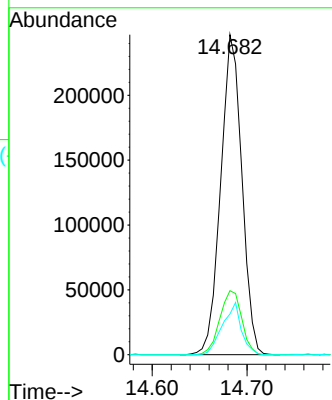
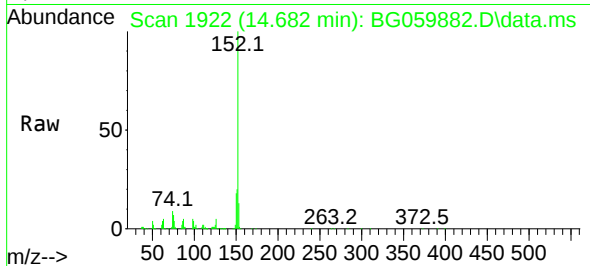
ClientSampleId :

PB157066BS

Tgt Ion:152 Resp: 382372
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.7 12.2 18.4

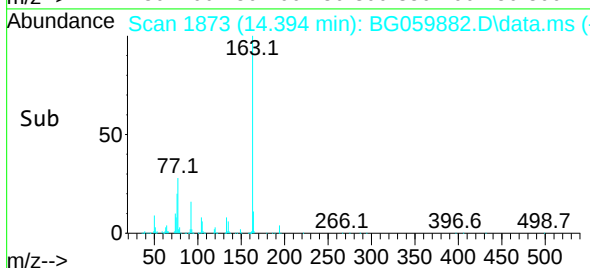
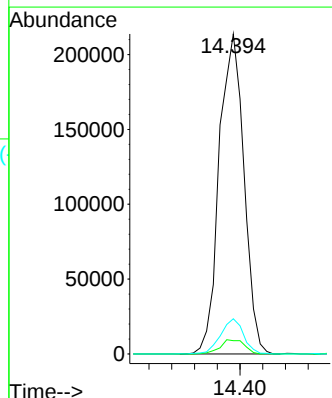
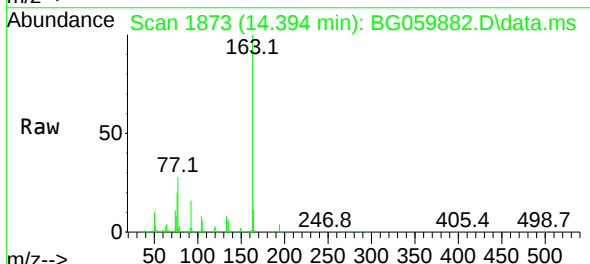
Manual Integrations
APPROVED

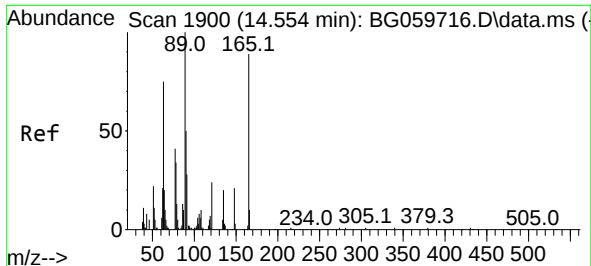
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#50
Dimethylphthalate
Concen: 52.815 ng
RT: 14.394 min Scan# 1873
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

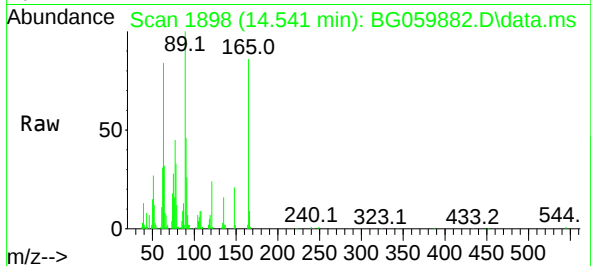
Tgt Ion:163 Resp: 322690
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 11.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.554 ng
RT: 14.541 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

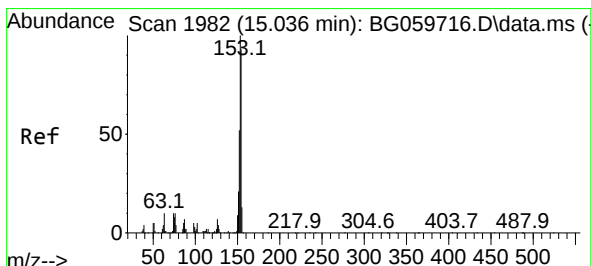
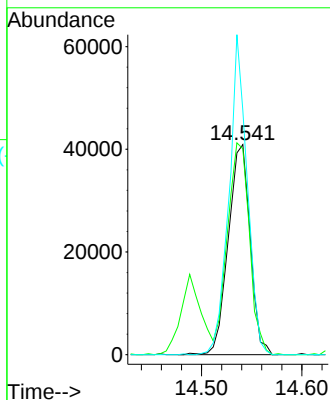
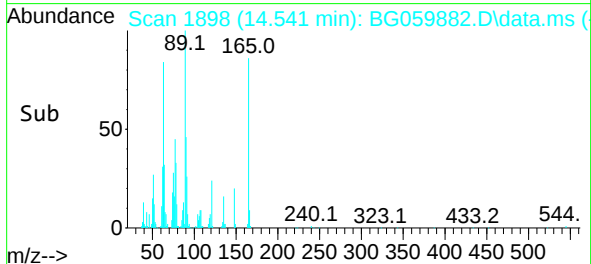
Instrument :
BNA_G
ClientSampleId :
PB157066BS



Tgt Ion:165 Resp: 6207
Ion Ratio Lower Upper
165 100
63 98.0 75.3 112.9
89 116.3 90.9 136.3

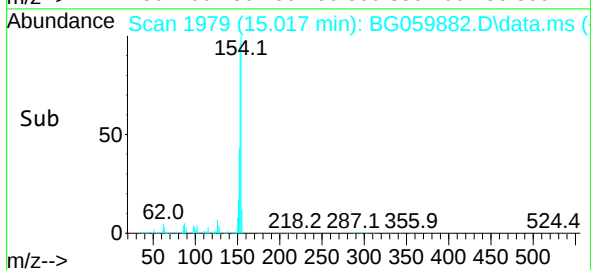
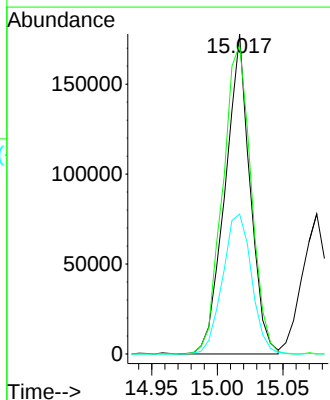
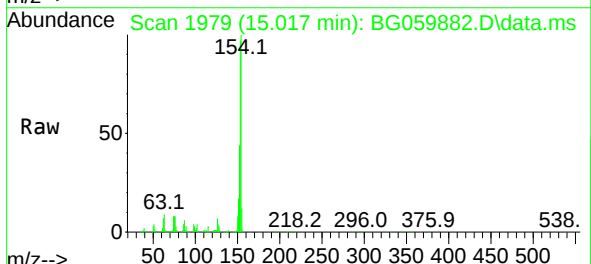
Manual Integrations
APPROVED

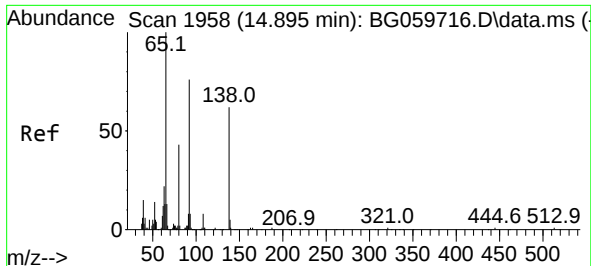
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 53.931 ng
RT: 15.017 min Scan# 1979
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:154 Resp: 235160
Ion Ratio Lower Upper
154 100
153 96.7 85.8 128.8
152 43.7 44.4 66.6#





#53
3-Nitroaniline
Concen: 26.336 ng
RT: 14.882 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

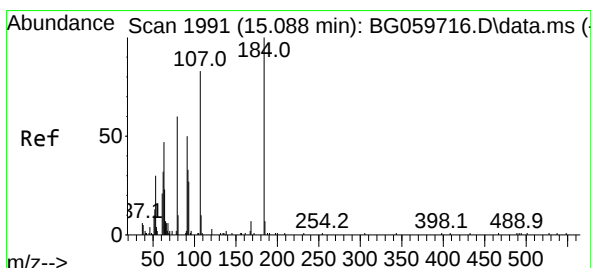
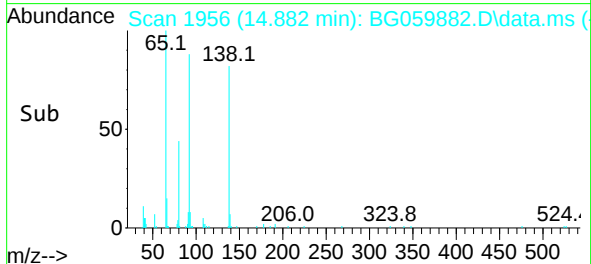
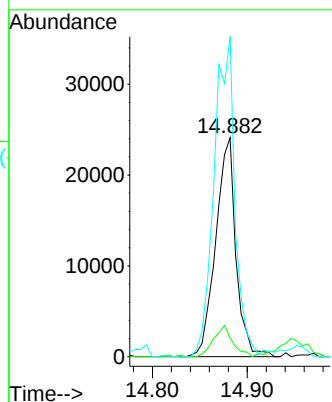
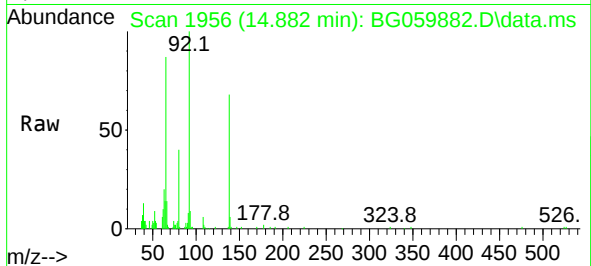
ClientSampleId :

PB157066BS

Tgt Ion:138 Resp: 3573
Ion Ratio Lower Upper
138 100
108 8.4 9.9 14.9
92 146.2 98.3 147.5

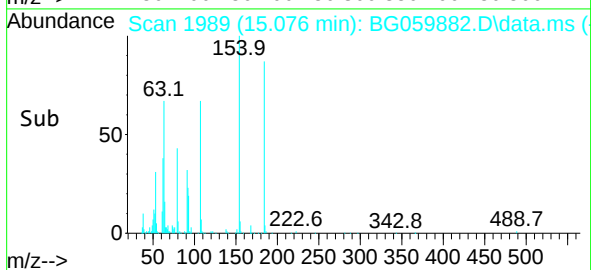
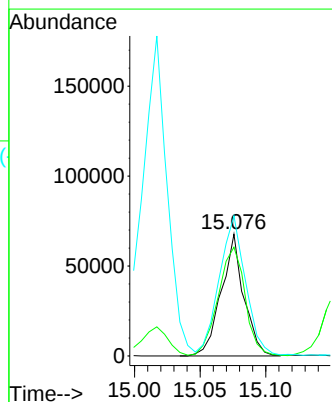
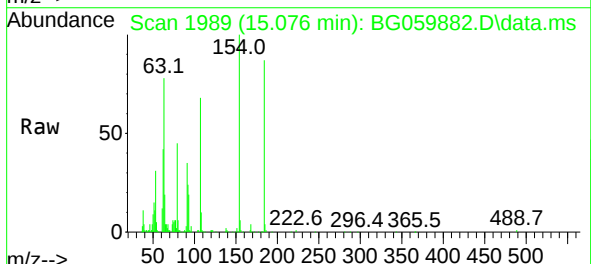
Manual Integrations
APPROVED

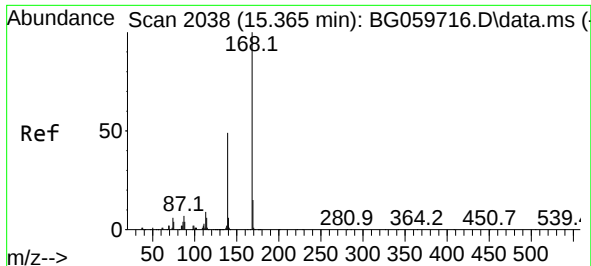
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#54
2,4-Dinitrophenol
Concen: 94.229 ng
RT: 15.076 min Scan# 1989
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

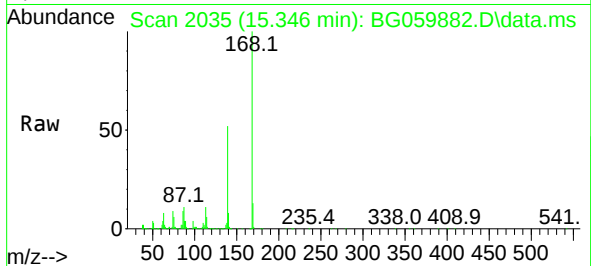
Tgt Ion:184 Resp: 81160
Ion Ratio Lower Upper
184 100
63 89.4 58.3 87.5
154 115.1 94.1 141.1





#55
Dibenzenofuran
Concen: 52.016 ng
RT: 15.346 min Scan# 2035
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

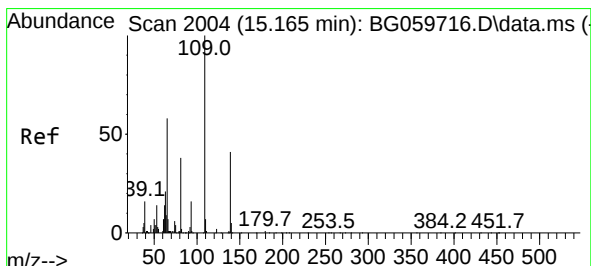
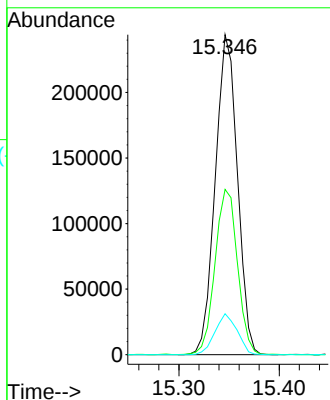
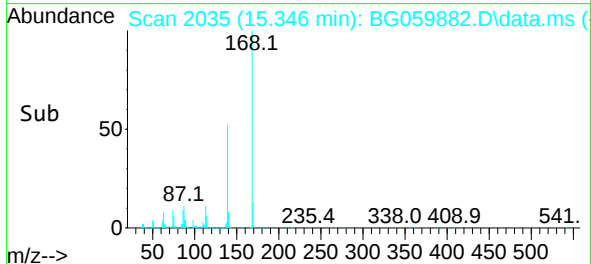
Instrument :
BNA_G
ClientSampleId :
PB157066BS



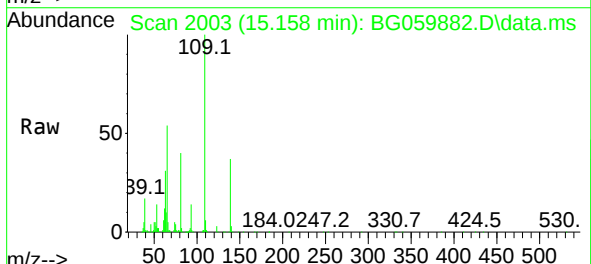
Tgt Ion:168 Resp: 373954
Ion Ratio Lower Upper
168 100
139 51.6 38.9 58.3
169 12.8 11.8 17.8

Manual Integrations
APPROVED

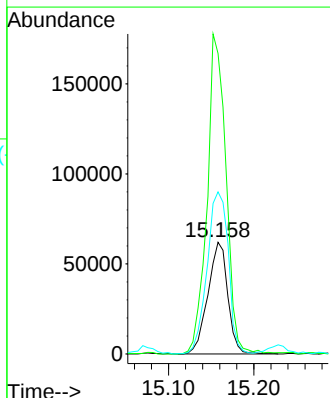
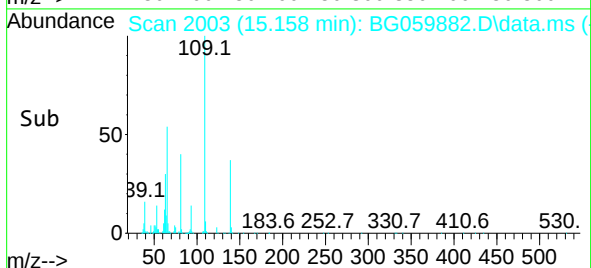
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

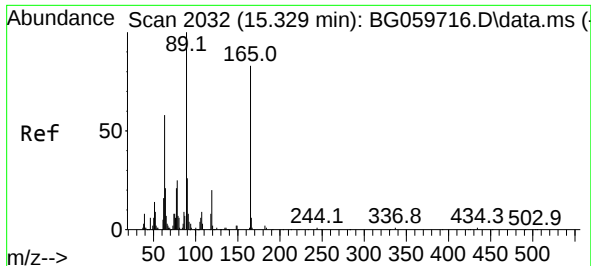


#56
4-Nitrophenol
Concen: 97.345 ng
RT: 15.158 min Scan# 2003
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:139 Resp: 101042
Ion Ratio Lower Upper
139 100
109 269.1 223.4 263.4#
65 145.3 120.6 160.6





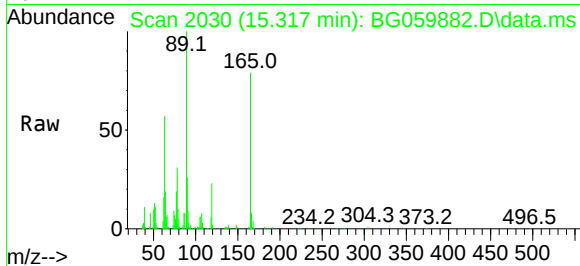
#57
2,4-Dinitrotoluene
Concen: 50.479 ng
RT: 15.317 min Scan# 2032
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

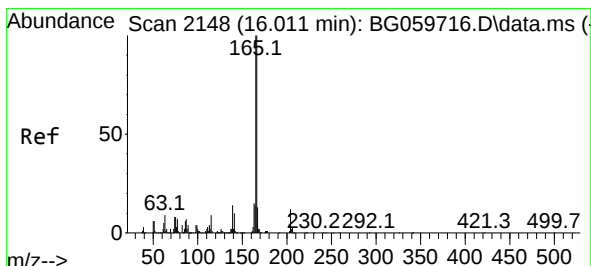
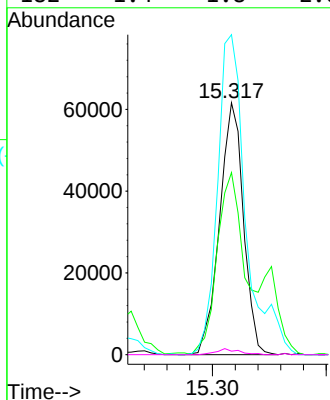
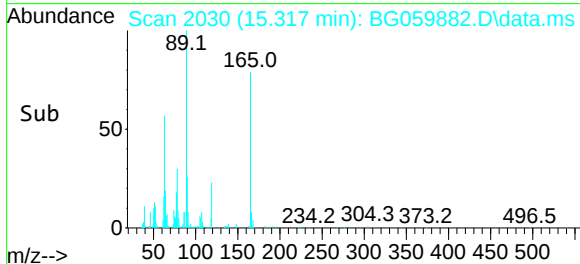


Tgt Ion:165 Resp: 89978
Ion Ratio Lower Upper
165 100
63 72.3 55.8 83.8
89 127.0 96.9 145.3
182 1.4 1.8 2.6#

Manual Integrations

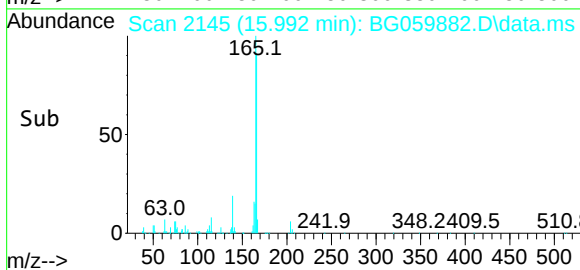
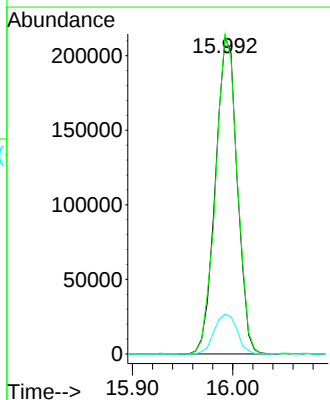
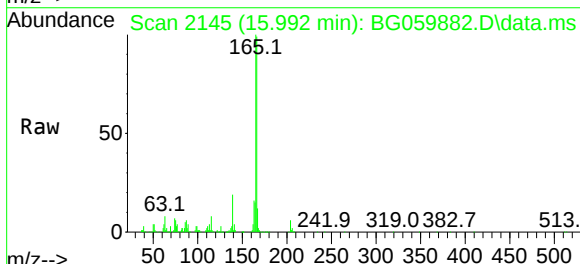
APPROVED

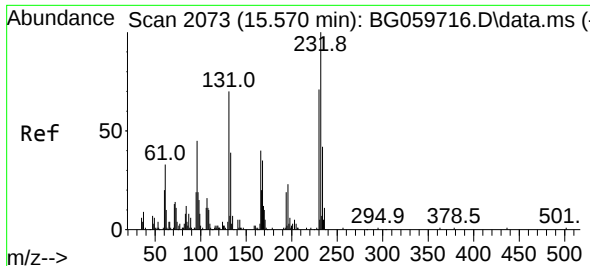
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#58
Fluorene
Concen: 53.511 ng
RT: 15.992 min Scan# 2145
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:166 Resp: 319612
Ion Ratio Lower Upper
166 100
165 101.1 79.9 119.9
167 12.6 10.1 15.1





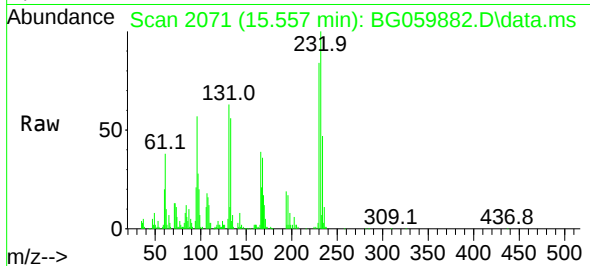
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.728 ng
RT: 15.557 min Scan# 2073
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

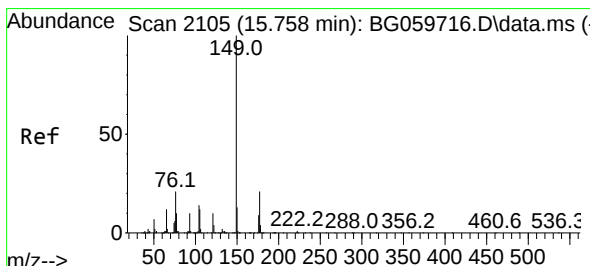
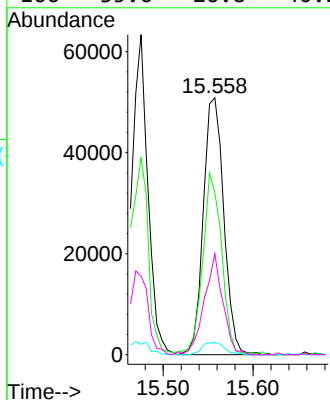
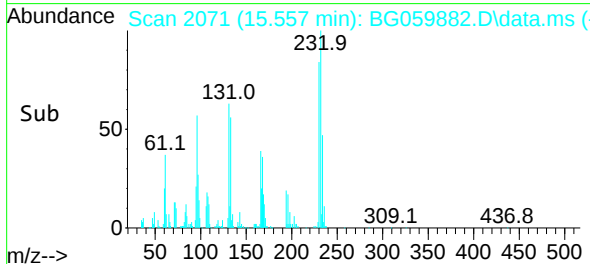


Tgt Ion:232 Resp: 80639
Ion Ratio Lower Upper
232 100
131 65.8 50.2 75.2
130 5.2 4.3 6.5
166 35.6 26.8 40.2

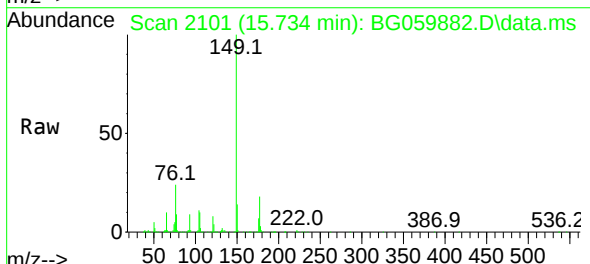
Manual Integrations

APPROVED

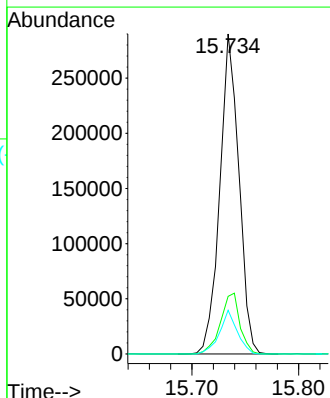
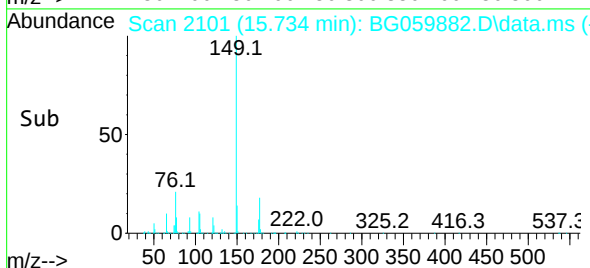
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

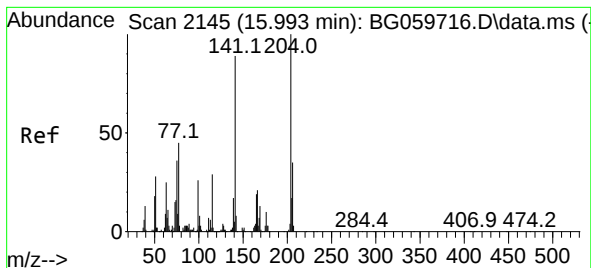


#60
Diethylphthalate
Concen: 54.928 ng
RT: 15.734 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



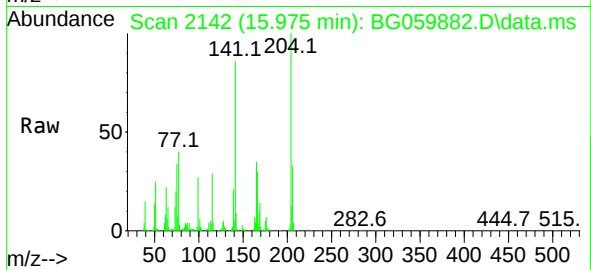
Tgt Ion:149 Resp: 359931
Ion Ratio Lower Upper
149 100
177 18.0 16.6 24.8
150 13.6 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 54.042 ng
RT: 15.975 min Scan# 2142
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

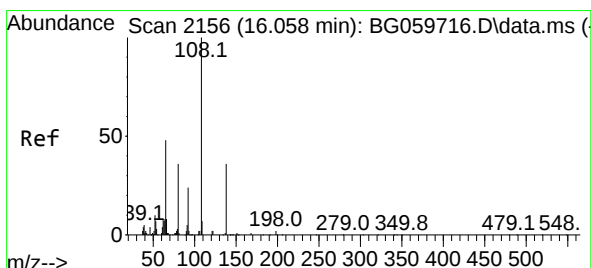
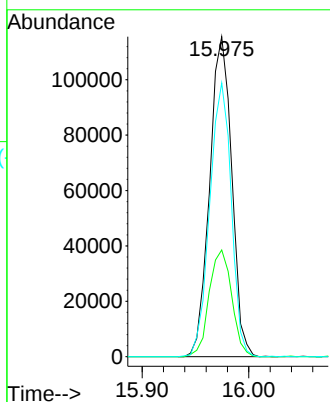
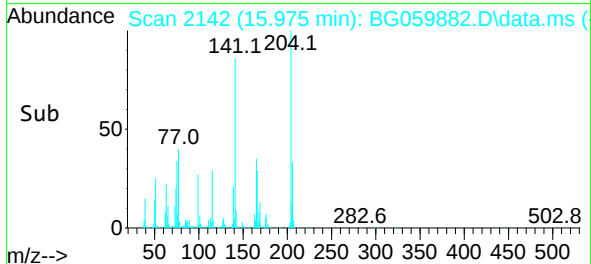
Instrument :
BNA_G
ClientSampleId :
PB157066BS



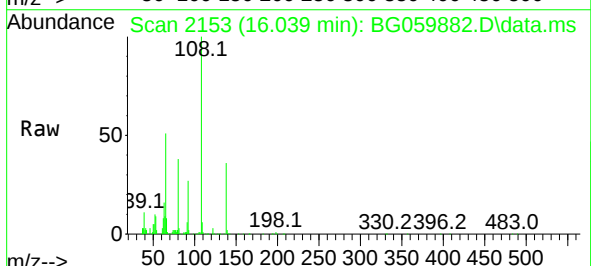
Tgt Ion:204 Resp: 16614
Ion Ratio Lower Upper
204 100
206 33.4 28.1 42.1
141 85.5 70.9 106.3

Manual Integrations
APPROVED

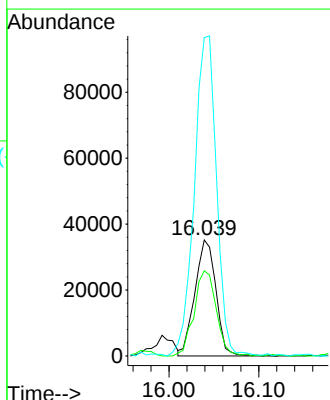
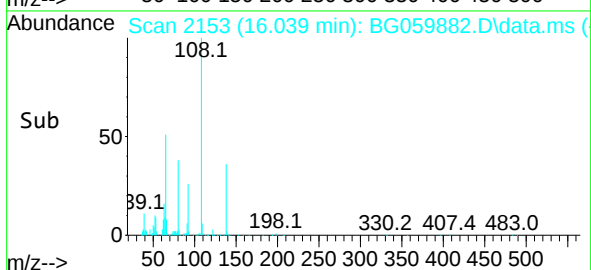
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

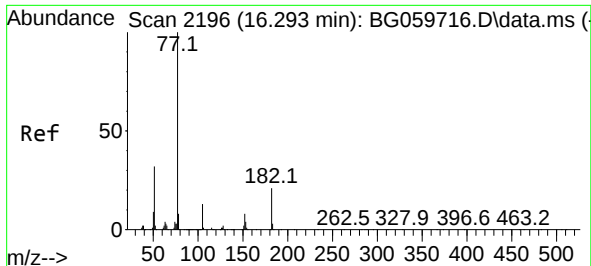


#62
4-Nitroaniline
Concen: 42.124 ng
RT: 16.039 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:138 Resp: 57277
Ion Ratio Lower Upper
138 100
92 73.4 45.8 85.8
108 274.5 256.3 296.3





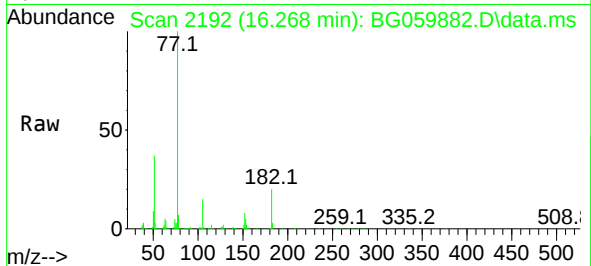
#63
Azobenzene
Concen: 48.670 ng
RT: 16.268 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

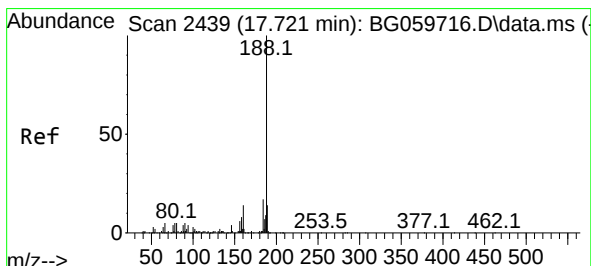
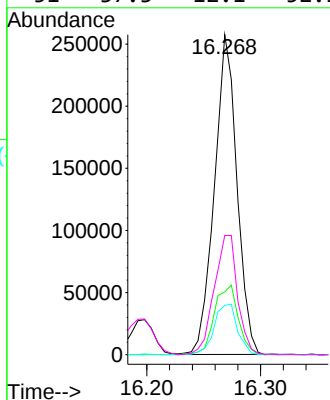
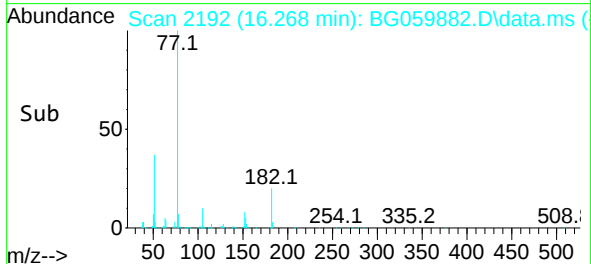


Tgt Ion: 77 Resp: 354414
Ion Ratio Lower Upper
77 100
182 19.6 1.1 41.1
105 15.4 0.0 33.0
51 37.3 12.1 52.1

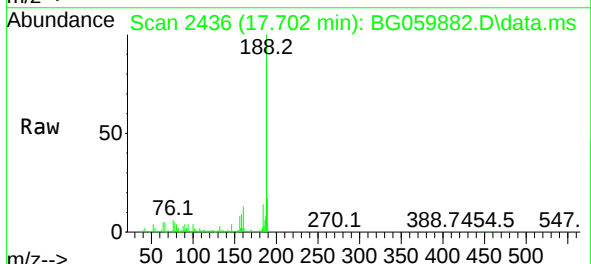
Manual Integrations

APPROVED

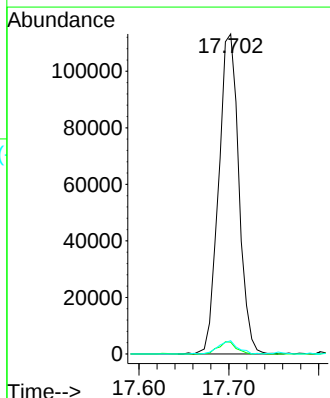
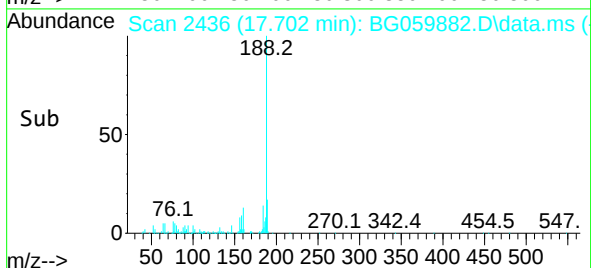
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

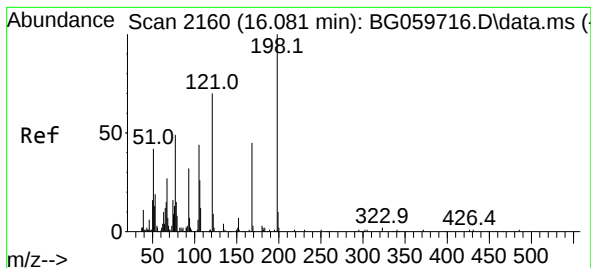


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.702 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:188 Resp: 176105
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.4
80 4.1 4.2 6.4





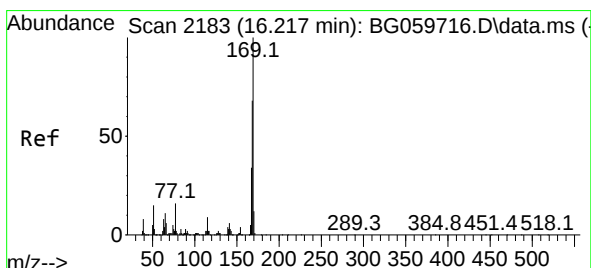
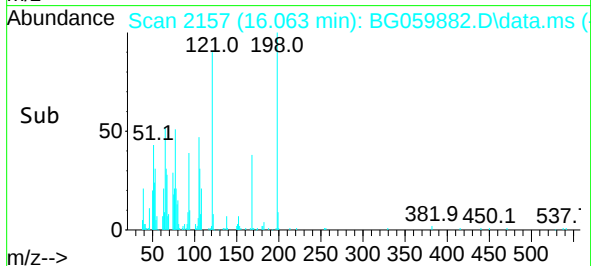
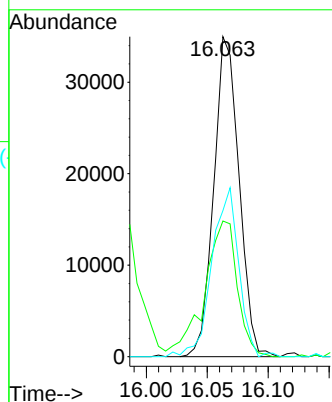
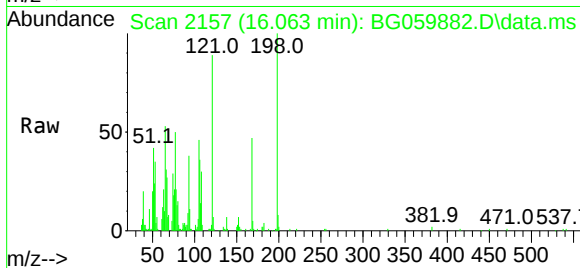
#65
4,6-Dinitro-2-methylphenol
Concen: 46.941 ng
RT: 16.063 min Scan# 2160
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion:198 Resp: 50519
Ion Ratio Lower Upper
198 100
51 42.4 23.0 63.0
105 45.7 24.0 64.0

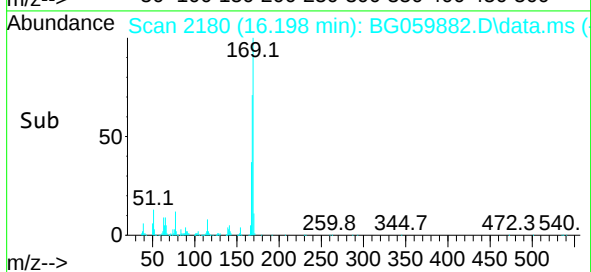
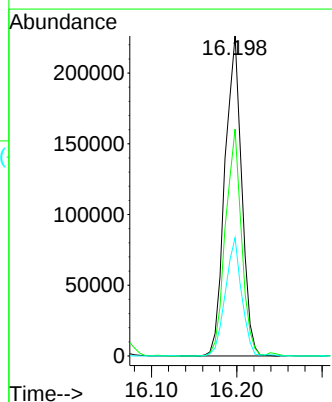
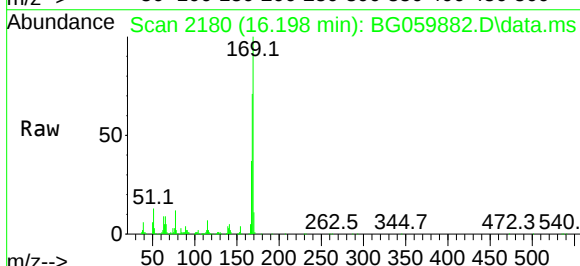
Manual Integrations
APPROVED

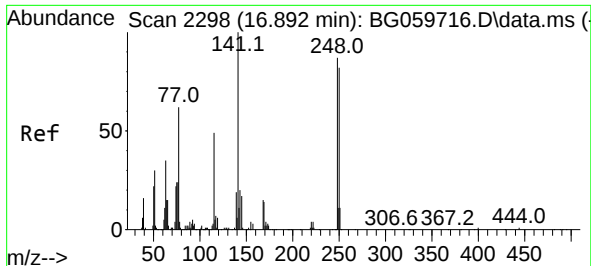
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 60.066 ng
RT: 16.198 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:169 Resp: 309002
Ion Ratio Lower Upper
169 100
168 70.9 54.5 81.7
167 36.9 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 55.410 ng
RT: 16.874 min Scan# 2111
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

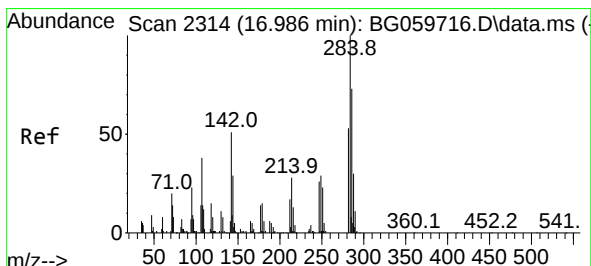
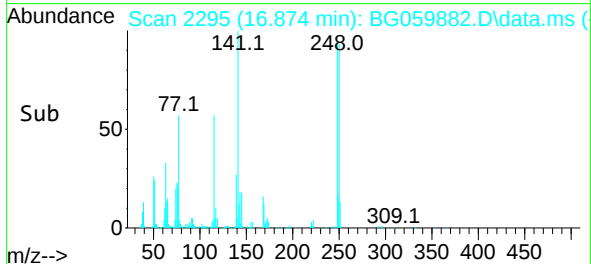
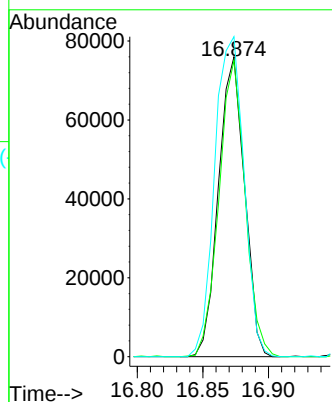
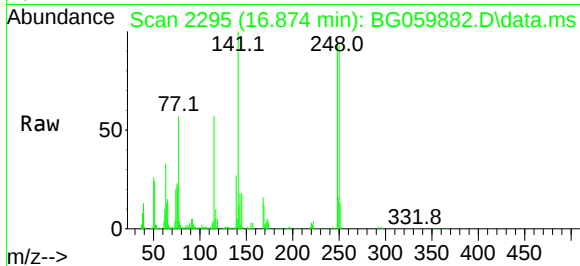
PB157066BS

Tgt Ion:248 Resp: 104830
Ion Ratio Lower Upper
248 100
250 98.8 75.2 112.8
141 106.7 91.5 137.3

Manual Integrations

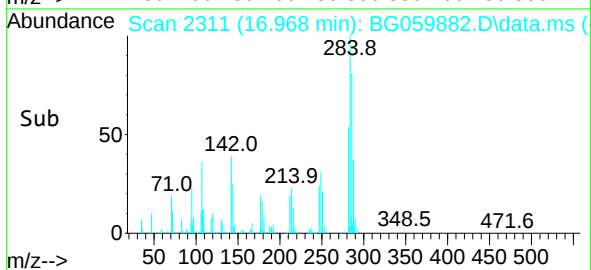
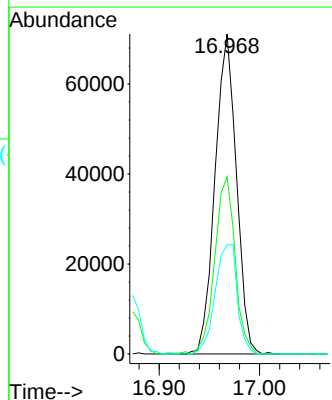
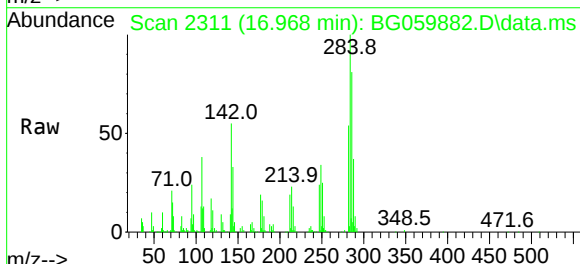
APPROVED

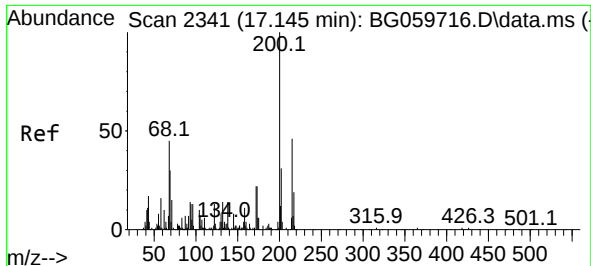
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#68
Hexachlorobenzene
Concen: 59.342 ng
RT: 16.968 min Scan# 2311
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

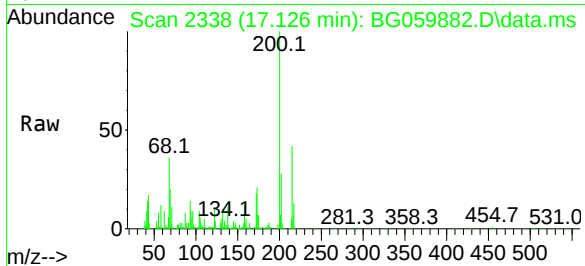
Tgt Ion:284 Resp: 104785
Ion Ratio Lower Upper
284 100
142 55.3 41.0 61.6
249 34.1 24.2 36.4





#69
Atrazine
Concen: 75.171 ng
RT: 17.126 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

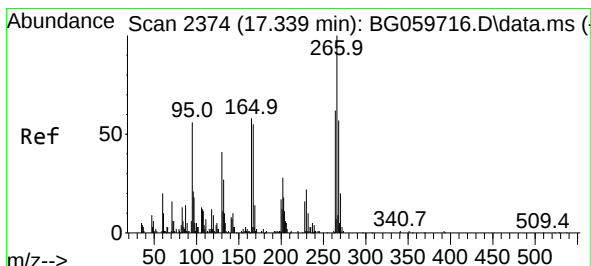
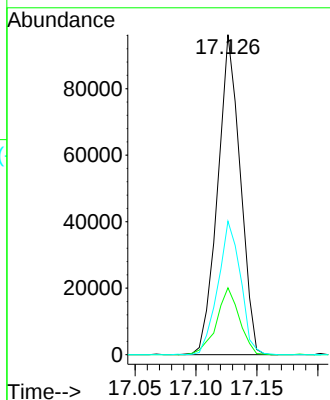
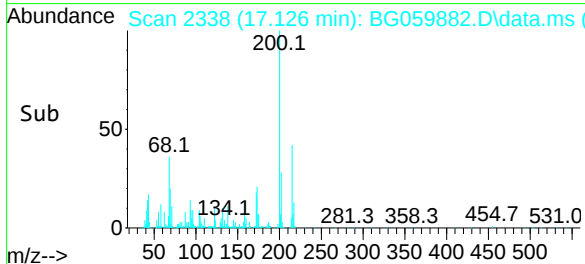
Instrument :
BNA_G
ClientSampleId :
PB157066BS



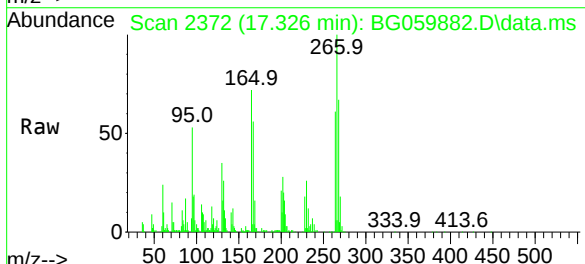
Tgt Ion:200 Resp: 123984
Ion Ratio Lower Upper
200 100
173 20.9 2.3 42.3
215 41.7 25.6 65.6

Manual Integrations
APPROVED

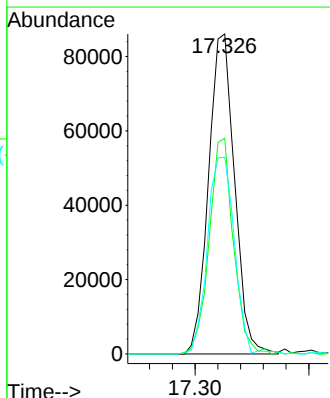
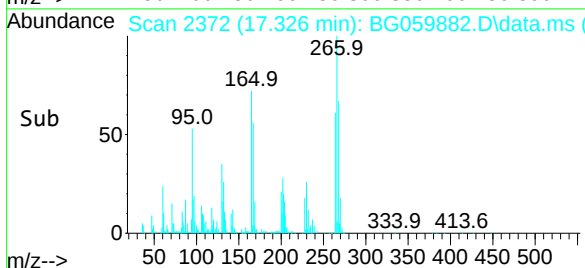
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

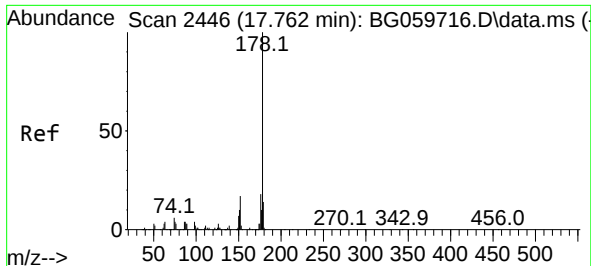


#70
Pentachlorophenol
Concen: 101.381 ng
RT: 17.326 min Scan# 2372
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33



Tgt Ion:266 Resp: 136575
Ion Ratio Lower Upper
266 100
268 67.4 45.7 68.5
264 61.5 49.8 74.8





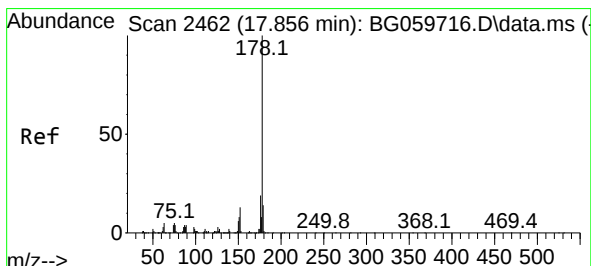
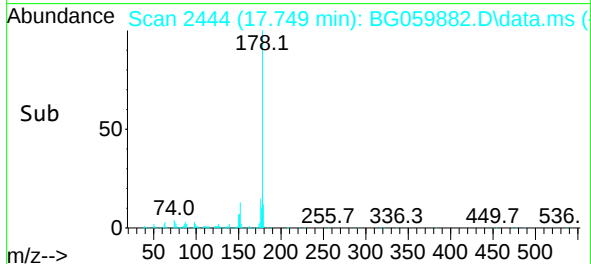
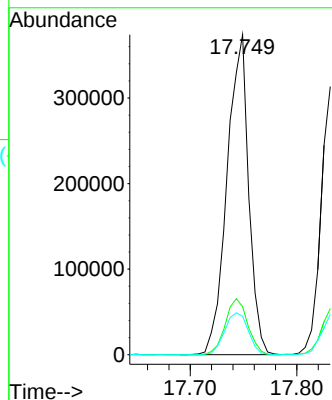
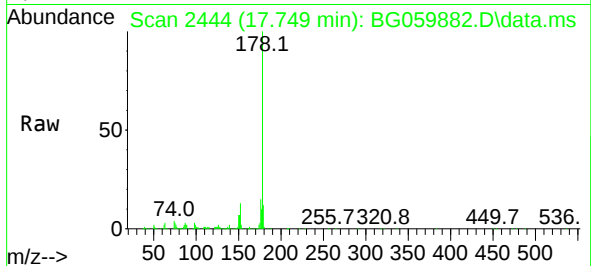
#71
Phenanthrene
Concen: 58.772 ng
RT: 17.749 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion:178 Resp: 526218
Ion Ratio Lower Upper
178 100
176 15.0 14.5 21.7
179 12.0 11.2 16.8

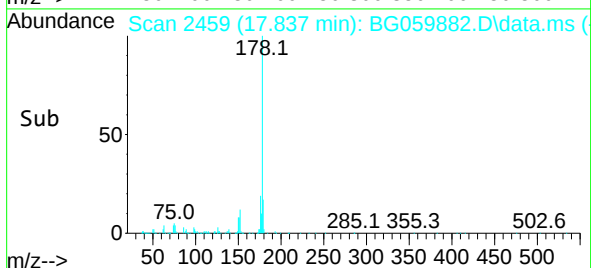
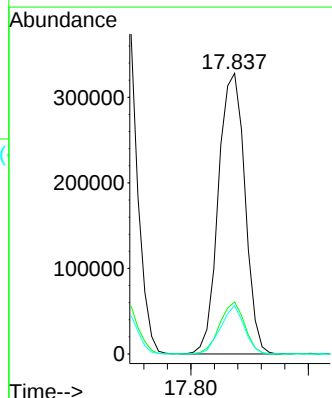
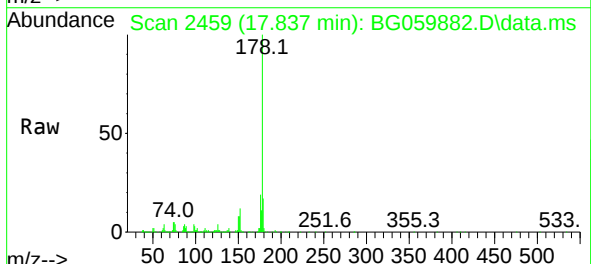
Manual Integrations
APPROVED

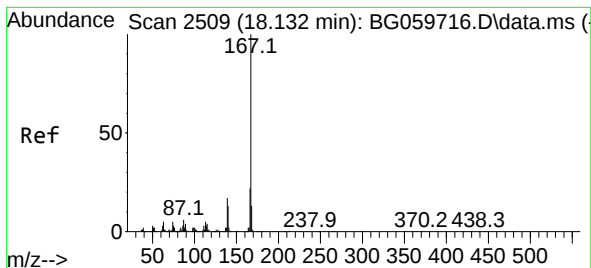
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#72
Anthracene
Concen: 55.317 ng m
RT: 17.837 min Scan# 2459
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

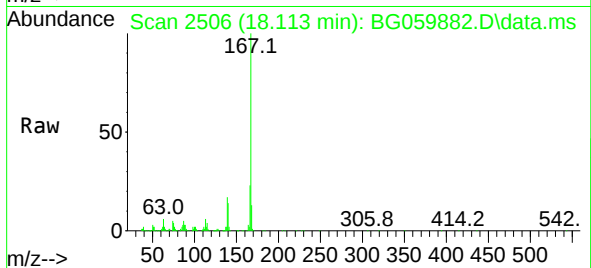
Tgt Ion:178 Resp: 514613
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 17.3 11.5 17.3#





#73
 Carbazole
 Concen: 50.994 ng
 RT: 18.113 min Scan# 2506
 Delta R.T. -0.007 min
 Lab File: BG059882.D
 Acq: 25 Nov 2023 8:33

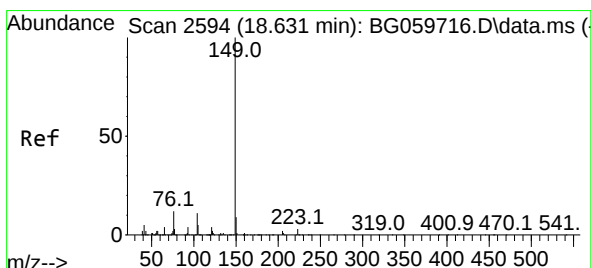
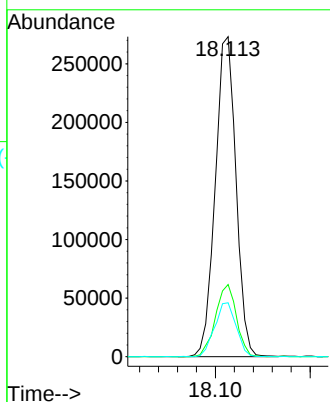
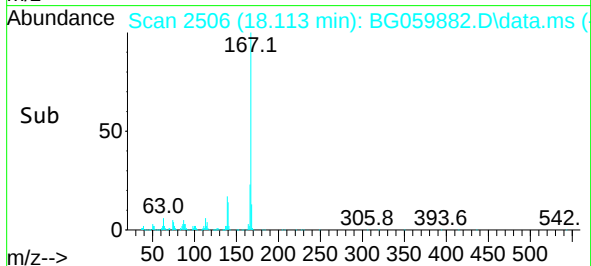
Instrument :
 BNA_G
 ClientSampleId :
 PB157066BS



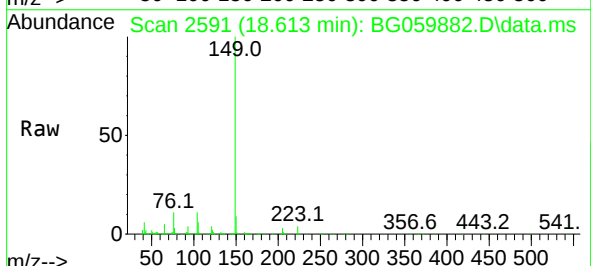
Tgt Ion:167 Resp: 41444
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 16.9 13.2 19.8

Manual Integrations
 APPROVED

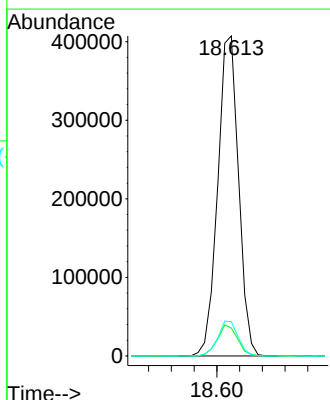
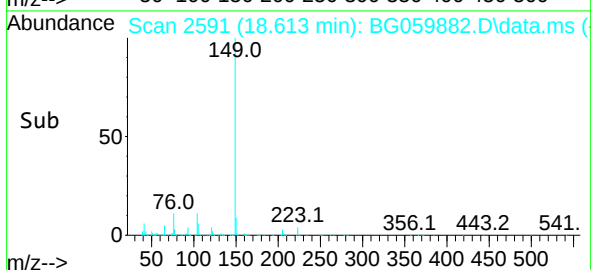
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

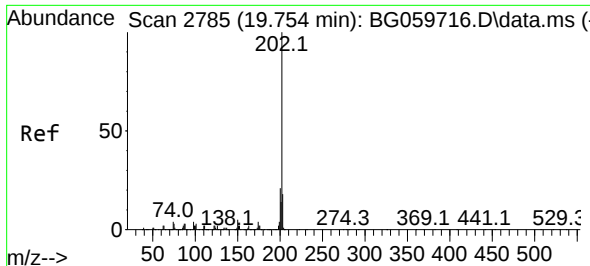


#74
 Di-n-butylphthalate
 Concen: 52.739 ng
 RT: 18.613 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BG059882.D
 Acq: 25 Nov 2023 8:33



Tgt Ion:149 Resp: 518097
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 10.7 8.6 12.8





#75
Fluoranthene
Concen: 49.741 ng
RT: 19.735 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

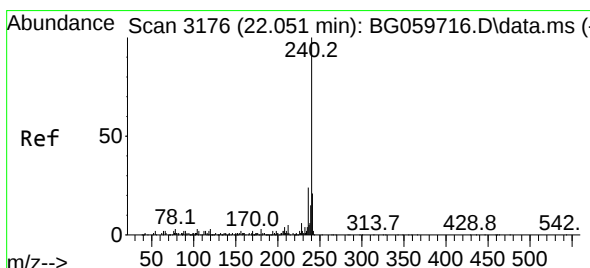
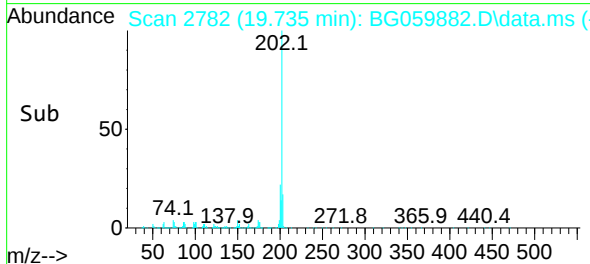
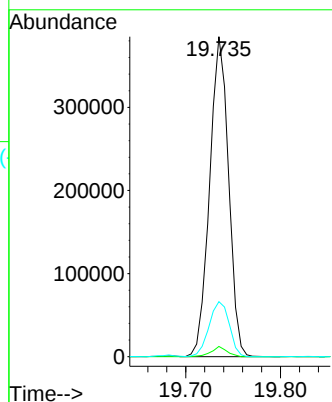
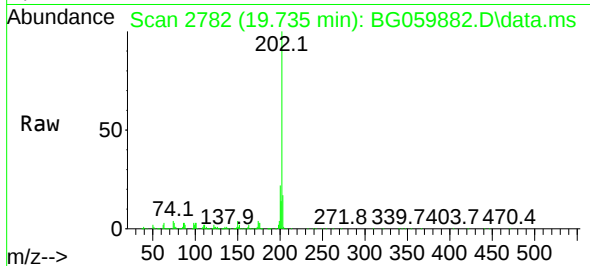
ClientSampleId :

PB157066BS

Tgt Ion:202 Resp: 534095
Ion Ratio Lower Upper
202 100
101 3.2 0.0 22.7
203 17.2 0.0 38.2

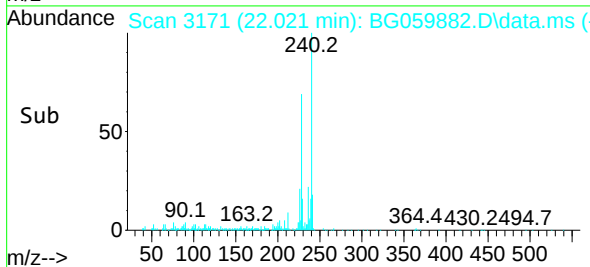
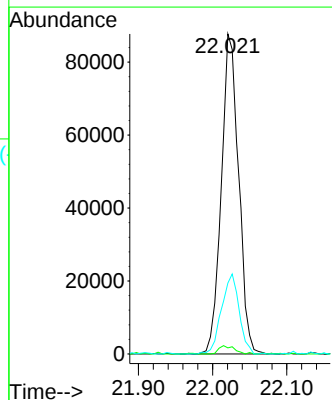
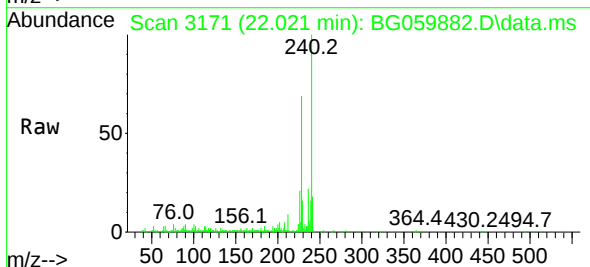
Manual Integrations
APPROVED

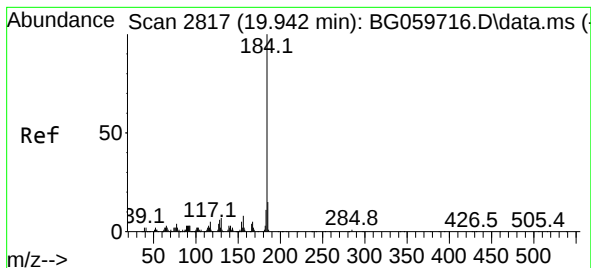
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:240 Resp: 142024
Ion Ratio Lower Upper
240 100
120 1.9 2.2 3.2#
236 22.2 19.4 29.2





#77

Benzidine

Concen: 46.096 ng

RT: 19.923 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

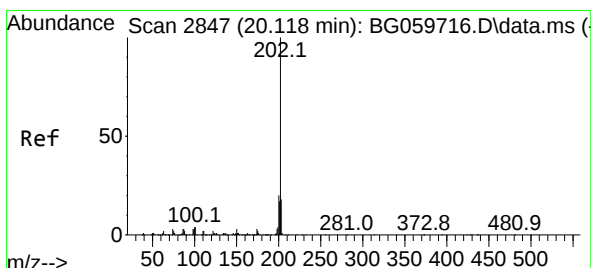
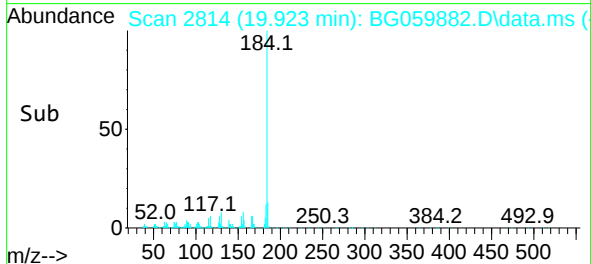
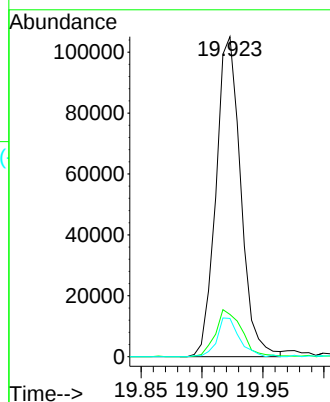
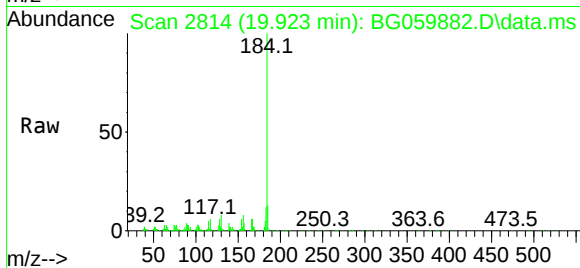
Tgt Ion:184	Resp: 14845
Ion Ratio	Lower Upper
184 100	
185 13.2	12.2 18.2
183 12.0	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#78

Pyrene

Concen: 54.498 ng

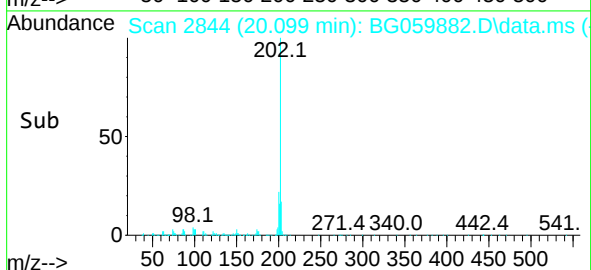
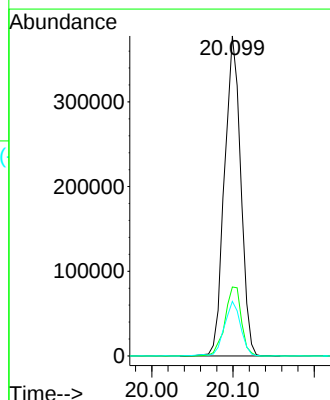
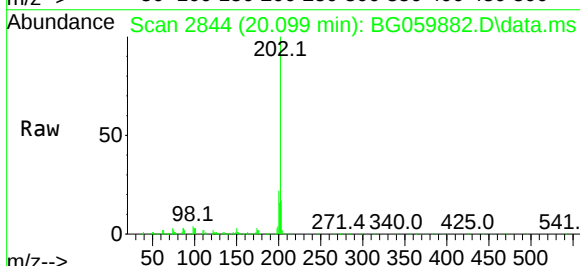
RT: 20.099 min Scan# 2844

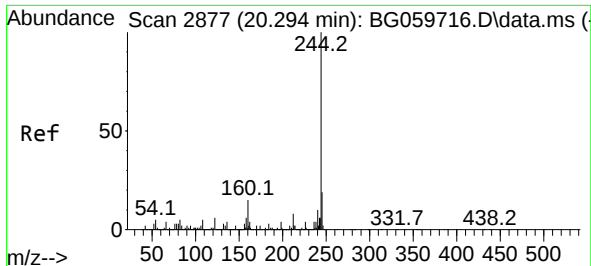
Delta R.T. -0.007 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Tgt Ion:202	Resp: 526627
Ion Ratio	Lower Upper
202 100	
200 21.6	16.2 24.4
203 17.1	14.0 21.0





#79
 Terphenyl-d14
 Concen: 112.077 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG059882.D
 Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

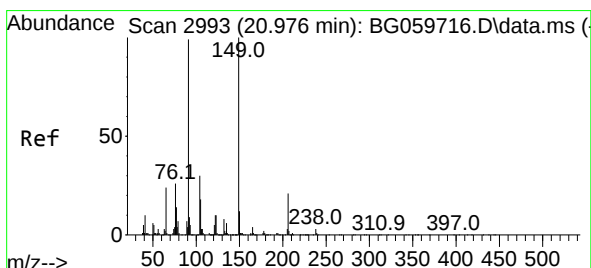
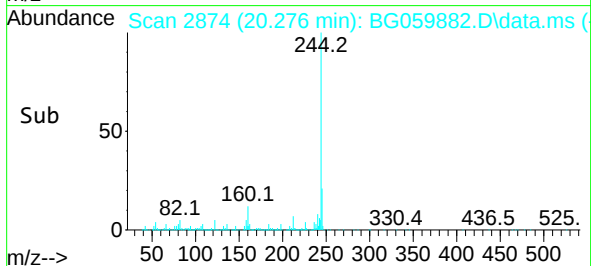
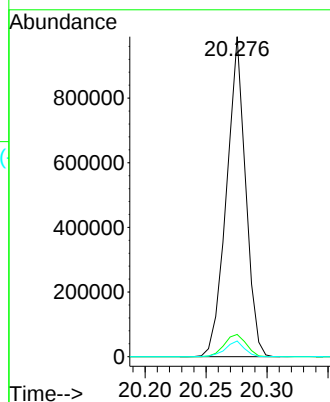
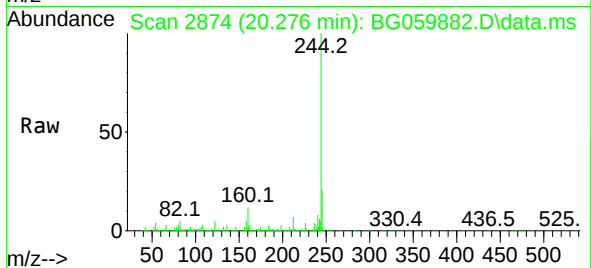
PB157066BS

Tgt Ion:244 Resp: 107825
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 4.9 4.4 6.6

Manual Integrations

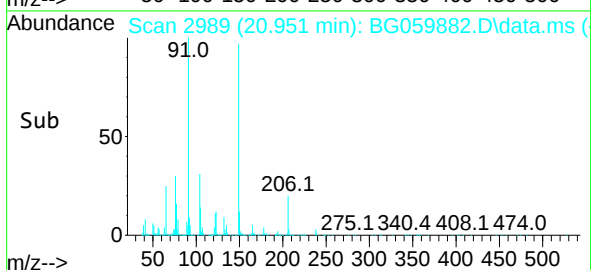
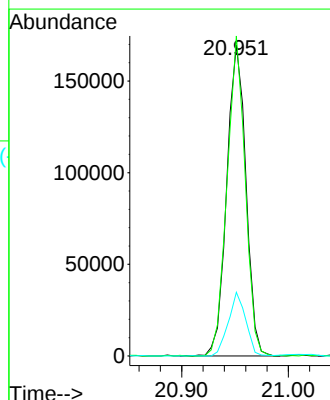
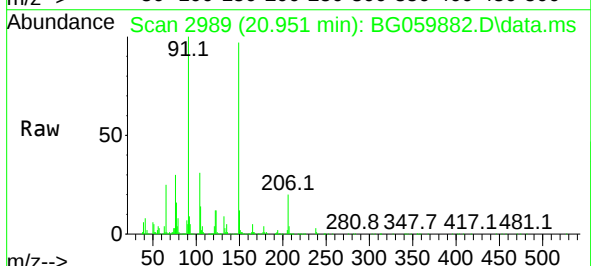
APPROVED

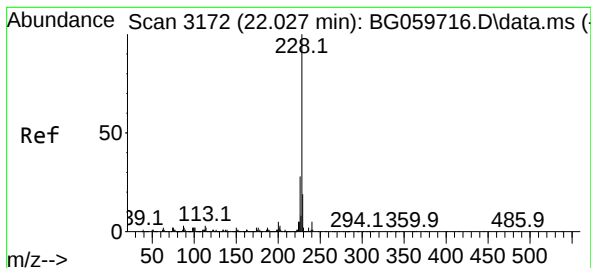
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#80
 Butylbenzylphthalate
 Concen: 53.526 ng
 RT: 20.951 min Scan# 2989
 Delta R.T. -0.007 min
 Lab File: BG059882.D
 Acq: 25 Nov 2023 8:33

Tgt Ion:149 Resp: 212091
 Ion Ratio Lower Upper
 149 100
 91 102.9 79.6 119.4
 206 20.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 53.182 ng

RT: 21.997 min Scan# 3167

Delta R.T. -0.013 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

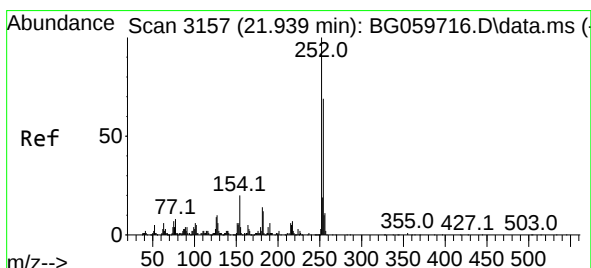
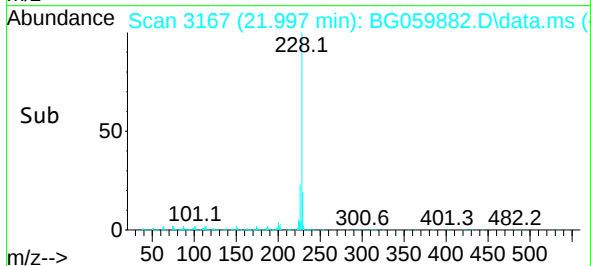
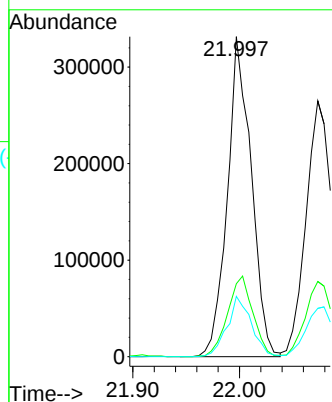
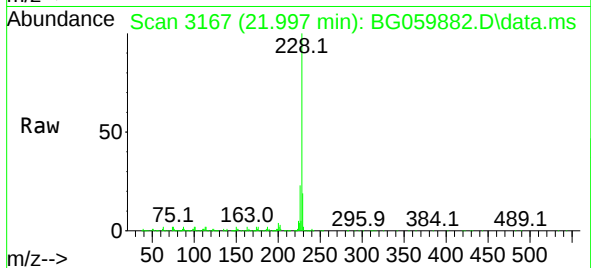
Tgt Ion:	228	Resp:	51680
Ion Ratio	Lower	Upper	
228	100		
226	22.8	22.1	33.1
229	18.9	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.135 ng

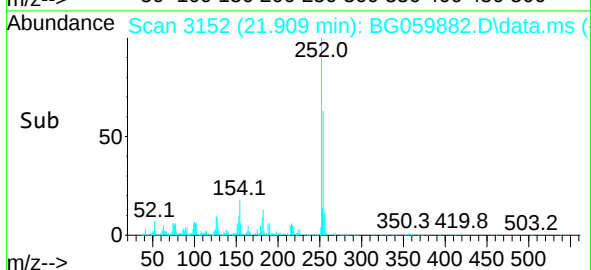
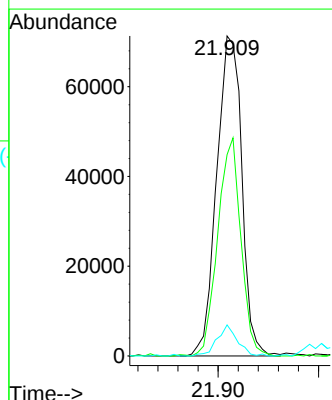
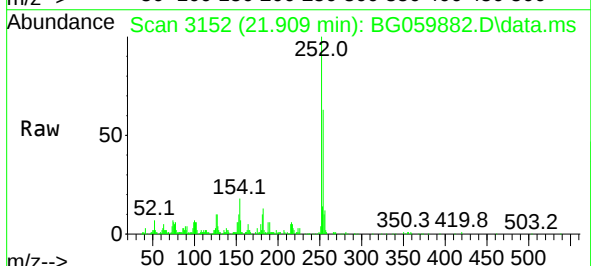
RT: 21.909 min Scan# 3152

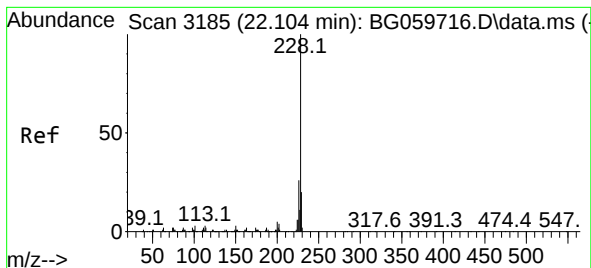
Delta R.T. -0.013 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Tgt Ion:	252	Resp:	123582
Ion Ratio	Lower	Upper	
252	100		
254	62.9	55.2	82.8
126	9.7	7.0	10.6





#83

Chrysene

Concen: 49.930 ng

RT: 22.073 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

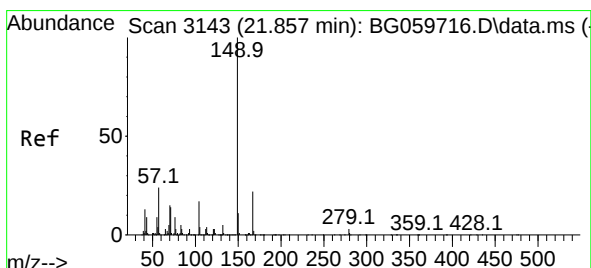
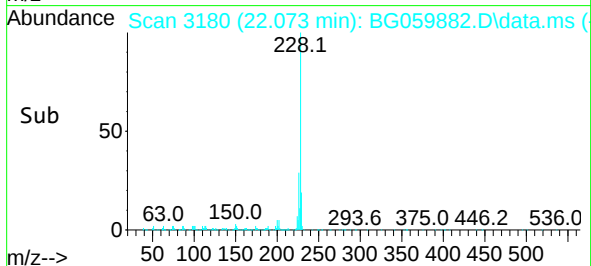
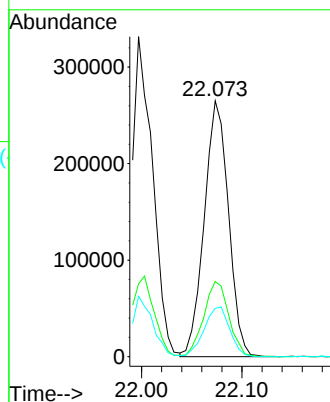
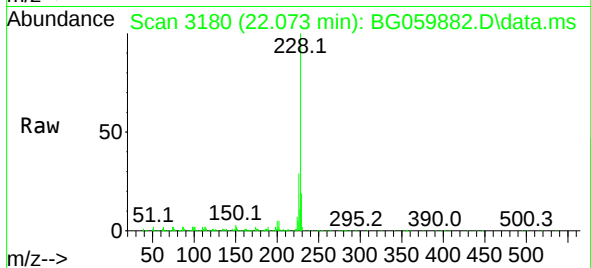
Tgt Ion:	228	Resp:	444784
Ion Ratio	Lower	Upper	
228	100		
226	29.4	21.1	31.7
229	18.9	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.487 ng

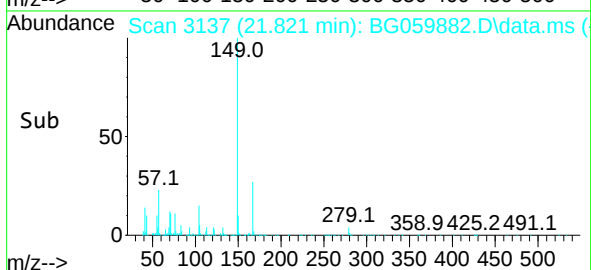
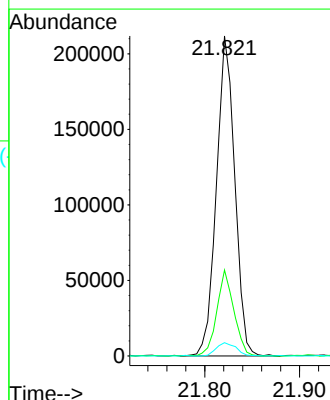
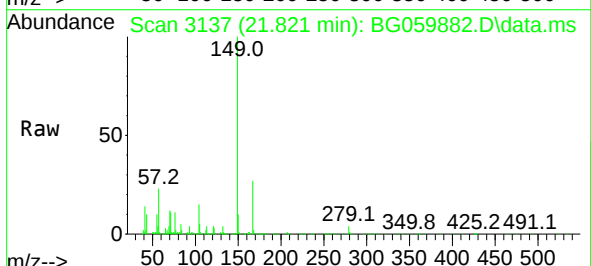
RT: 21.821 min Scan# 3137

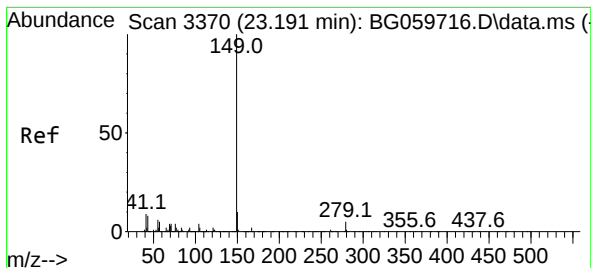
Delta R.T. -0.013 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Tgt Ion:	149	Resp:	285189
Ion Ratio	Lower	Upper	
149	100		
167	26.8	17.6	26.4#
279	4.1	2.7	4.1#





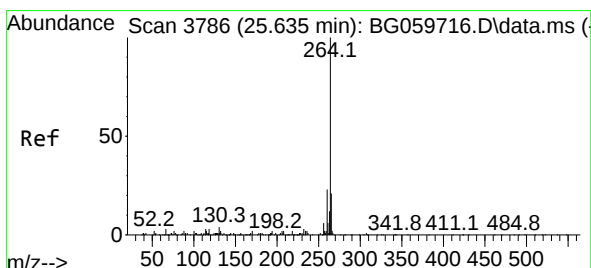
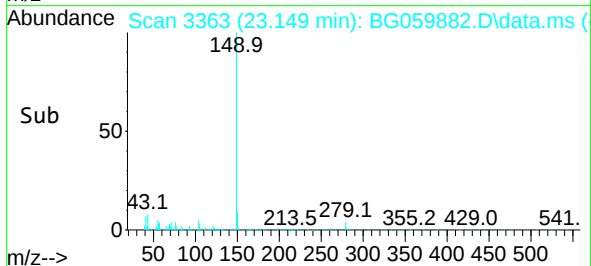
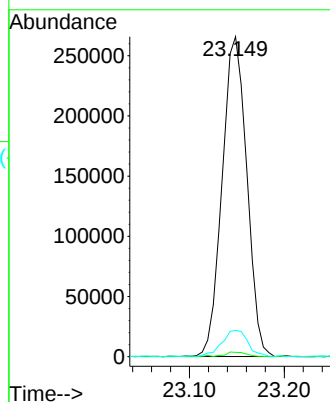
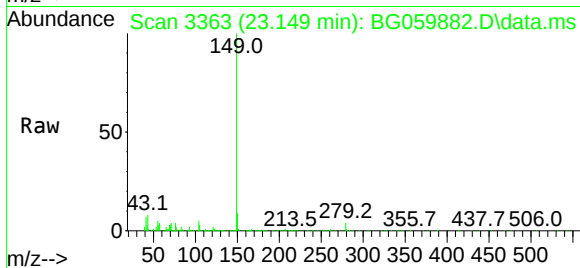
#85
Di-n-octyl phthalate
Concen: 45.011 ng
RT: 23.149 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :
BNA_G
ClientSampleId :
PB157066BS

Tgt Ion:149 Resp: 479968
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 8.6 6.3 9.5

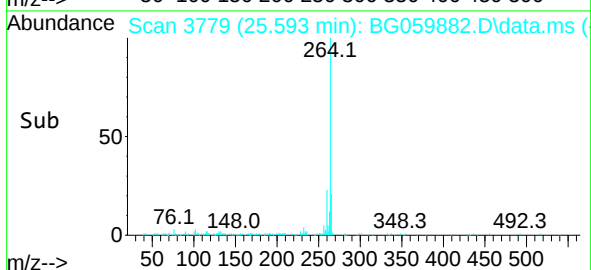
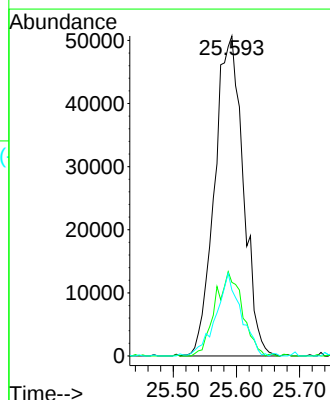
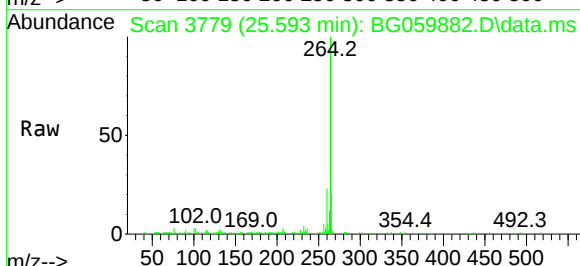
Manual Integrations
APPROVED

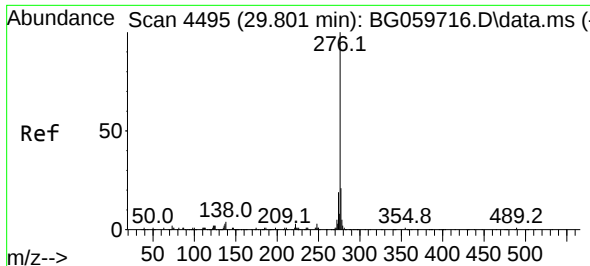
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.593 min Scan# 3779
Delta R.T. -0.019 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:264 Resp: 159304
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 20.6 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 63.087 ng m
 RT: 29.729 min Scan# 4495
 Delta R.T. -0.031 min
 Lab File: BG059882.D
 Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

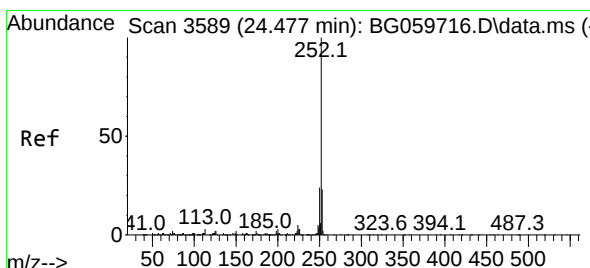
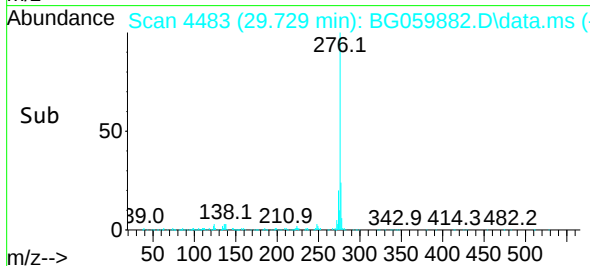
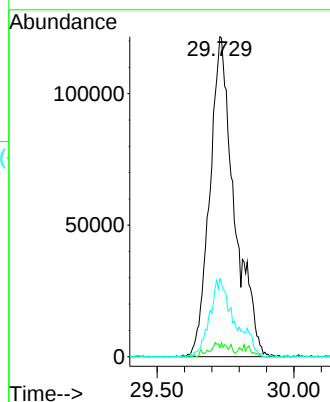
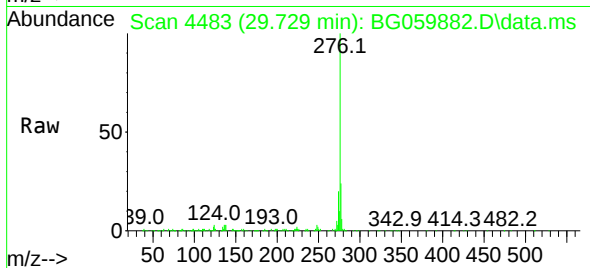
PB157066BS

Tgt Ion:276 Resp: 76045
 Ion Ratio Lower Upper
 276 100
 138 1.0 1.8 2.6
 277 21.8 9.8 14.6

Manual Integrations

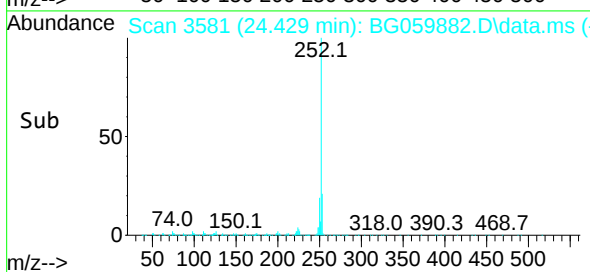
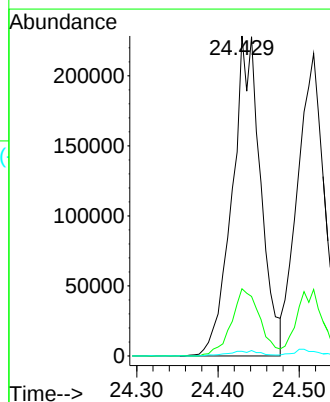
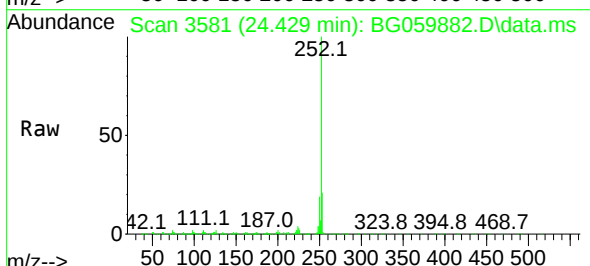
APPROVED

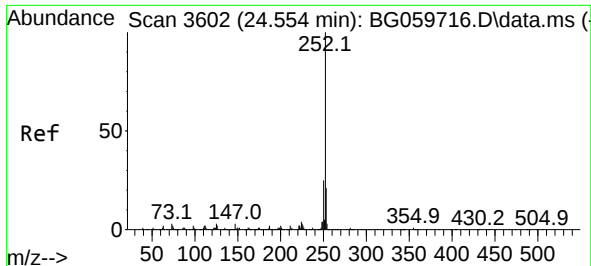
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#88
 Benzo(b)fluoranthene
 Concen: 63.805 ng
 RT: 24.429 min Scan# 3581
 Delta R.T. -0.019 min
 Lab File: BG059882.D
 Acq: 25 Nov 2023 8:33

Tgt Ion:252 Resp: 557105
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.3 27.5
 125 1.4 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 57.147 ng
RT: 24.518 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

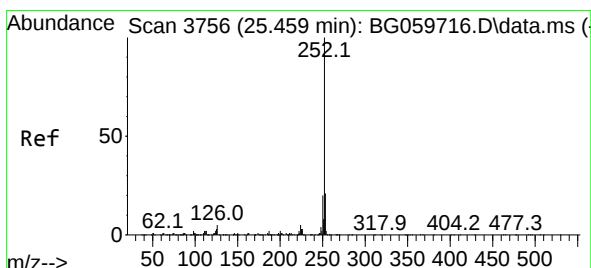
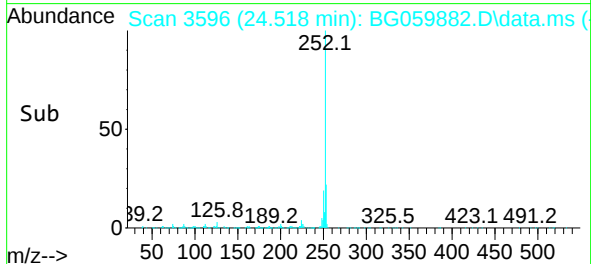
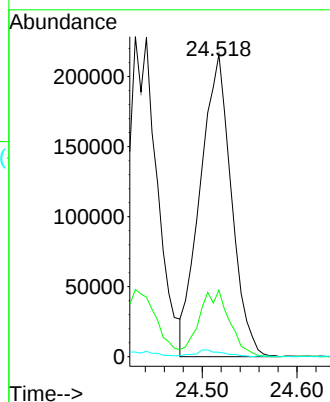
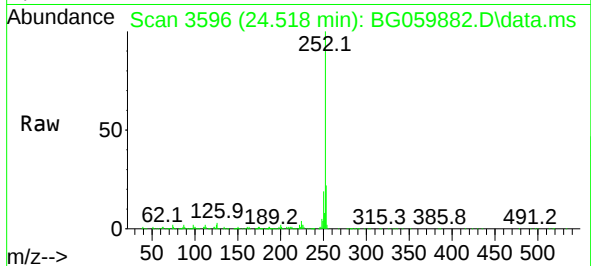
PB157066BS

Tgt Ion:252 Resp: 493298
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 1.5 2.2 3.2

Manual Integrations

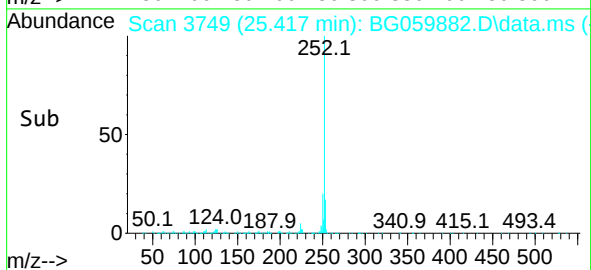
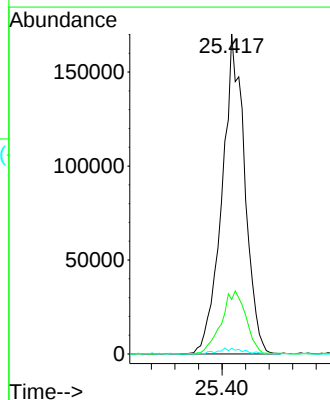
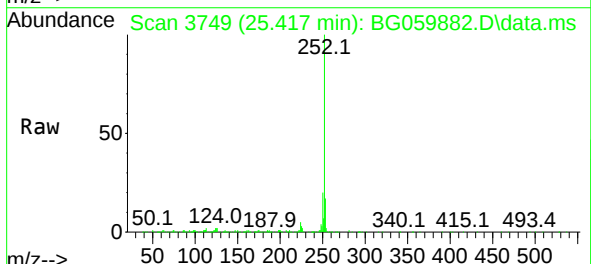
APPROVED

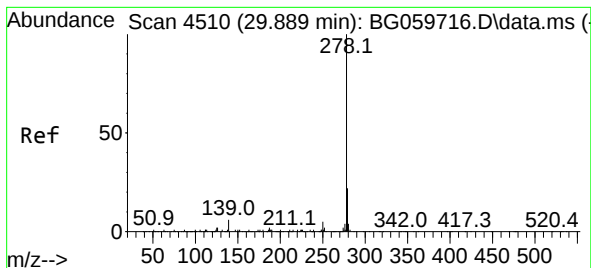
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#90
Benzo(a)pyrene
Concen: 48.987 ng
RT: 25.417 min Scan# 3749
Delta R.T. -0.025 min
Lab File: BG059882.D
Acq: 25 Nov 2023 8:33

Tgt Ion:252 Resp: 456487
Ion Ratio Lower Upper
252 100
253 17.1 16.8 25.2
125 1.8 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 62.442 ng

RT: 29.817 min Scan# 4498

Delta R.T. -0.031 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Instrument :

BNA_G

ClientSampleId :

PB157066BS

Tgt Ion:278 Resp: 636790

Ion Ratio Lower Upper

278 100

139 3.4 4.6 7.0

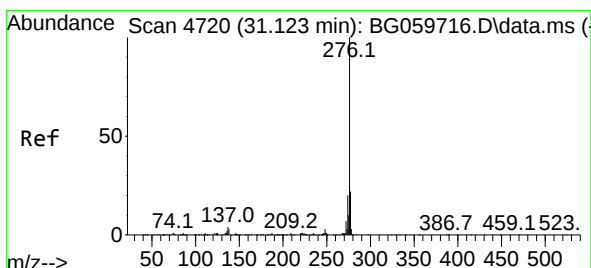
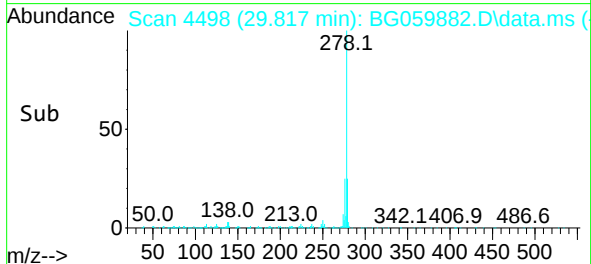
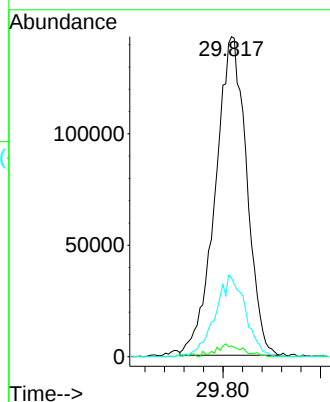
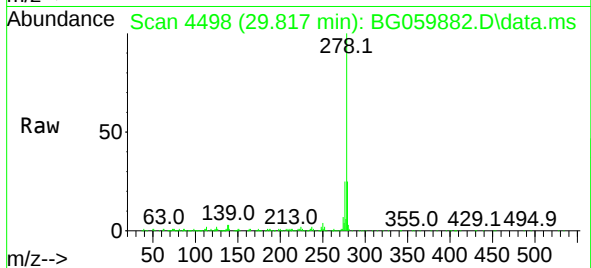
279 24.6 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 60.931 ng

RT: 31.069 min Scan# 4711

Delta R.T. -0.025 min

Lab File: BG059882.D

Acq: 25 Nov 2023 8:33

Tgt Ion:276 Resp: 589597

Ion Ratio Lower Upper

276 100

277 22.3 17.3 25.9

138 2.2 2.6 4.0

