

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
 Data File : BG059921.D
 Acq On : 30 Nov 2023 22:40
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 03:50:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 03:37:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	32122	20.000	ng	0.00
21) Naphthalene-d8	10.770	136	148403	20.000	ng	0.00
39) Acenaphthene-d10	14.601	164	105837	20.000	ng	0.00
64) Phenanthrene-d10	17.350	188	240791	20.000	ng	0.00
76) Chrysene-d12	21.628	240	223057	20.000	ng	0.00
86) Perylene-d12	24.824	264	268207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	164940	80.431	ng	0.00
7) Phenol-d6	7.115	99	236463	79.885	ng	0.00
23) Nitrobenzene-d5	9.125	82	230706	90.411	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	136857	84.257	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	637252	83.749	ng	0.00
79) Terphenyl-d14	19.977	244	1083988	80.809	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.443	88	29692m	47.645	ng	Qvalue
3) Pyridine	3.831	79	95082	57.966	ng	99
4) n-Nitrosodimethylamine	3.749	42	54031	57.341	ng	# 97
6) Aniline	7.286	93	125165	39.466	ng	98
8) 2-Chlorophenol	7.527	128	93974	40.682	ng	93
9) Benzaldehyde	7.098	77	69738	37.148	ng	94
10) Phenol	7.145	94	124225	40.088	ng	98
11) bis(2-Chloroethyl)ether	7.386	93	97434	40.783	ng	99
12) 1,3-Dichlorobenzene	7.856	146	101375	40.065	ng	97
13) 1,4-Dichlorobenzene	8.003	146	105435	40.436	ng	96
14) 1,2-Dichlorobenzene	8.320	146	103610	40.330	ng	99
15) Benzyl Alcohol	8.196	79	93114	40.695	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.496	45	184104	40.441	ng	98
17) 2-Methylphenol	8.396	107	88361	41.185	ng	99
18) Hexachloroethane	9.048	117	38795	41.415	ng	93
19) n-Nitroso-di-n-propyla...	8.772	70	85886	41.060	ng	96
20) 3+4-Methylphenols	8.725	107	125041	41.372	ng	99
22) Acetophenone	8.784	105	168932	41.118	ng	# 98
24) Nitrobenzene	9.166	77	122670	44.141	ng	98
25) Isophorone	9.689	82	252758	41.073	ng	99
26) 2-Nitrophenol	9.883	139	46176	51.240	ng	96
27) 2,4-Dimethylphenol	9.930	122	73808	41.364	ng	99
28) bis(2-Chloroethoxy)met...	10.176	93	144919	41.597	ng	96
29) 2,4-Dichlorophenol	10.411	162	103790	42.608	ng	97
30) 1,2,4-Trichlorobenzene	10.635	180	119261	41.992	ng	94
31) Naphthalene	10.823	128	347250	41.477	ng	99
32) Benzoic acid	10.059	122	73280m	43.900	ng	
33) 4-Chloroaniline	10.923	127	141035	41.590	ng	96
34) Hexachlorobutadiene	11.105	225	78052	40.968	ng	99
35) Caprolactam	11.698	113	35087	40.537	ng	95
36) 4-Chloro-3-methylphenol	12.039	107	122194	42.082	ng	98
37) 2-Methylnaphthalene	12.427	142	245545	41.435	ng	99
38) 1-Methylnaphthalene	12.650	142	243845	40.666	ng	97
40) 1,2,4,5-Tetrachloroben...	12.791	216	138885	42.112	ng	99
41) Hexachlorocyclopentadiene	12.779	237	53084	42.252	ng	98
43) 2,4,6-Trichlorophenol	13.032	196	95683	44.715	ng	96

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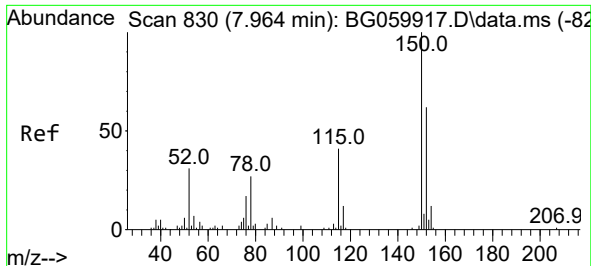
Manual Integrations
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 Supervised By :mohammad ahmed 12/01/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.097	196	104412	43.051	ng	99
46) 1,1'-Biphenyl	13.437	154	335784	42.298	ng	98
47) 2-Chloronaphthalene	13.478	162	280208	42.687	ng	100
48) 2-Nitroaniline	13.678	65	83016	47.906	ng	98
49) Acenaphthylene	14.325	152	418866	41.543	ng	98
50) Dimethylphthalate	14.060	163	347083	40.874	ng	98
51) 2,6-Dinitrotoluene	14.172	165	70213	43.805	ng	95
52) Acenaphthene	14.665	154	265483	42.385	ng	94
53) 3-Nitroaniline	14.501	138	69084	46.600	ng	99
54) 2,4-Dinitrophenol	14.701	184	26516	42.170	ng	98
55) Dibenzofuran	15.000	168	404991	41.549	ng	99
56) 4-Nitrophenol	14.795	139	54120	44.889	ng	94
57) 2,4-Dinitrotoluene	14.959	165	92105	43.330	ng	98
58) Fluorene	15.652	166	315682	39.943	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.223	232	94808m	43.006	ng	
60) Diethylphthalate	15.429	149	345550	40.352	ng	99
61) 4-Chlorophenyl-phenyle...	15.647	204	173356	40.660	ng	98
62) 4-Nitroaniline	15.670	138	70354	44.338	ng	96
63) Azobenzene	15.940	77	331883	41.230	ng	98
65) 4,6-Dinitro-2-methylph...	15.723	198	41879	43.101	ng	97
66) n-Nitrosodiphenylamine	15.858	169	272528	42.012	ng	97
67) 4-Bromophenyl-phenylether	16.540	248	122372	42.550	ng	96
68) Hexachlorobenzene	16.651	284	144900	42.353	ng	99
69) Atrazine	16.810	200	94714	39.820	ng	96
70) Pentachlorophenol	16.992	266	87122	45.018	ng	93
71) Phenanthrene	17.397	178	506718	41.480	ng	98
72) Anthracene	17.486	178	510417	41.421	ng	99
73) Carbazole	17.750	167	464276	40.636	ng	99
74) Di-n-butylphthalate	18.326	149	567930	40.813	ng	99
75) Fluoranthene	19.407	202	629113	40.459	ng	99
77) Benzidine	19.589	184	203067	45.354	ng	100
78) Pyrene	19.771	202	656638	41.272	ng	99
80) Butylbenzylphthalate	20.670	149	234499	41.625	ng	98
81) Benzo(a)anthracene	21.610	228	647996	41.661	ng	99
82) 3,3'-Dichlorobenzidine	21.522	252	209253	41.294	ng	95
83) Chrysene	21.675	228	614121	41.632	ng	97
84) Bis(2-ethylhexyl)phtha...	21.534	149	353845	42.342	ng	98
85) Di-n-octyl phthalate	22.750	149	613062	42.733	ng	99
87) Indeno(1,2,3-cd)pyrene	28.479	276	836742	41.689	ng	99
88) Benzo(b)fluoranthene	23.808	252	688869	41.084	ng	99
89) Benzo(k)fluoranthene	23.884	252	684029	41.712	ng	99
90) Benzo(a)pyrene	24.671	252	616241	41.347	ng	99
91) Dibenzo(a,h)anthracene	28.555	278	698410	41.732	ng	99
92) Benzo(g,h,i)perylene	29.624	276	697563	41.742	ng	97

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



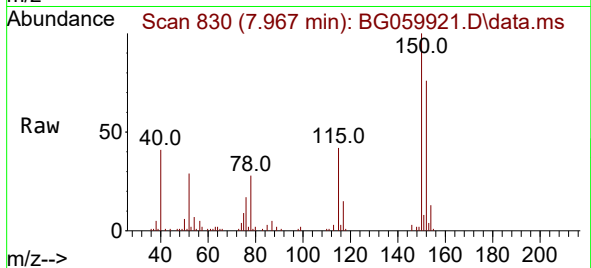
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.967 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

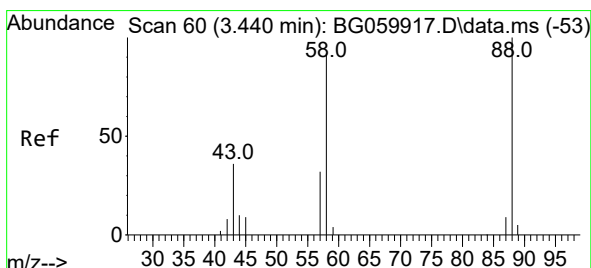
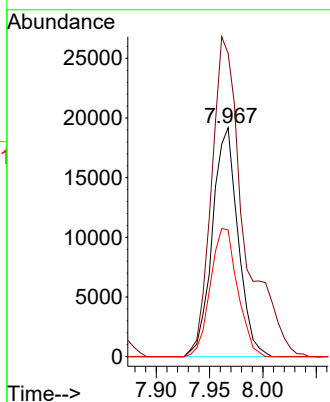
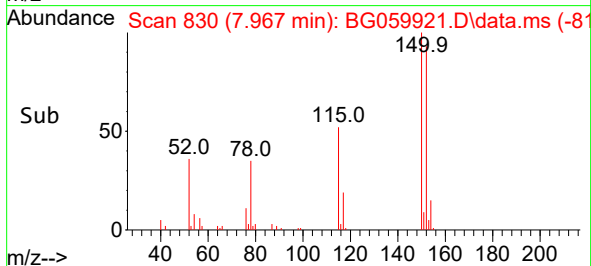


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Ion Ratio Lower Upper
152 100
150 132.4 128.6 193.0
115 55.3 52.2 78.2

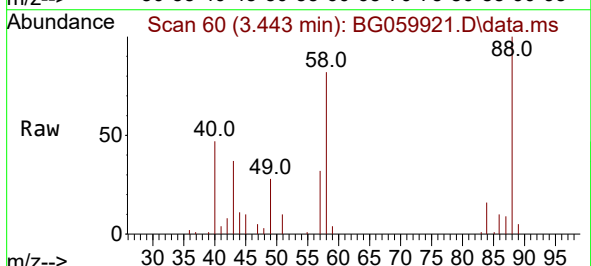
Manual Integrations

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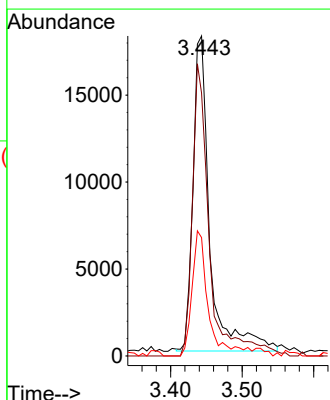
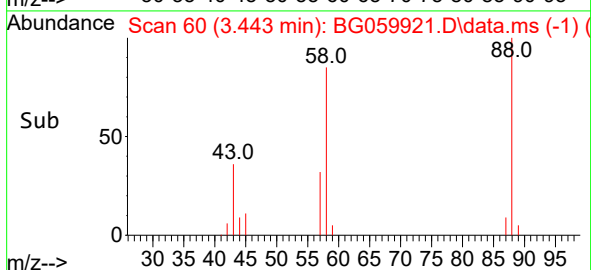
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

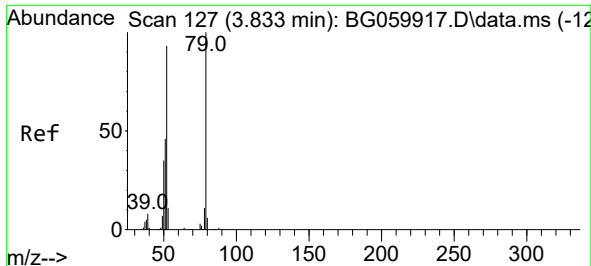


#2
1,4-Dioxane
Concen: 47.645 ng m
RT: 3.443 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion: 88 Resp: 29692
Ion Ratio Lower Upper
88 100
58 92.8 69.4 104.0
43 38.5 31.0 46.6





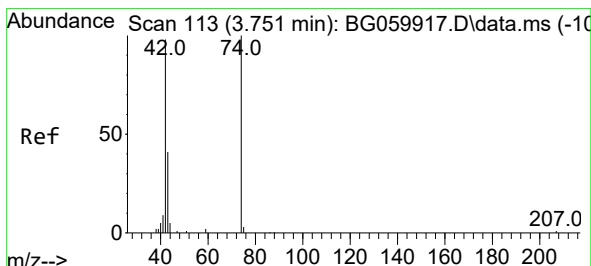
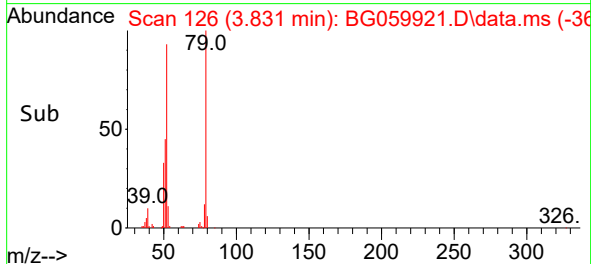
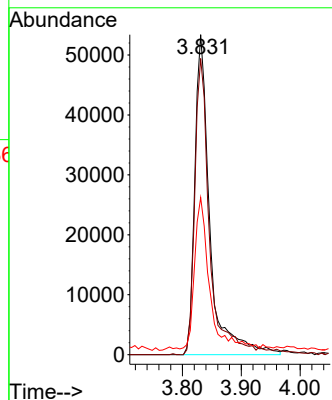
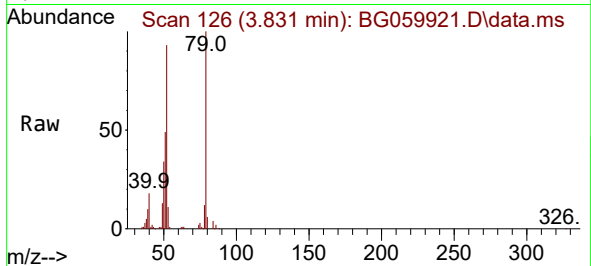
#3
Pyridine
Concen: 57.966 ng
RT: 3.831 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :
BNA_G
ClientSampleId :
ICVBG113023

Tgt Ion: 79 Resp: 9508
Ion Ratio Lower Upper
79 100
52 92.5 74.6 111.8
51 49.1 38.6 57.8

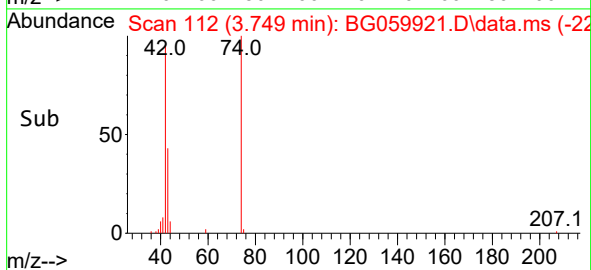
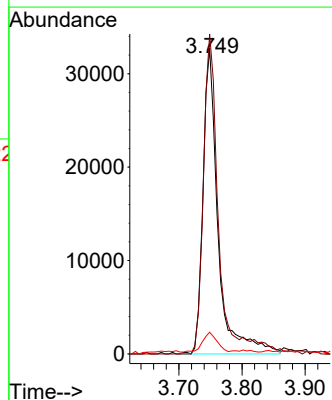
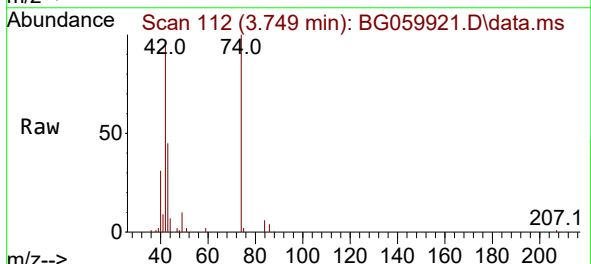
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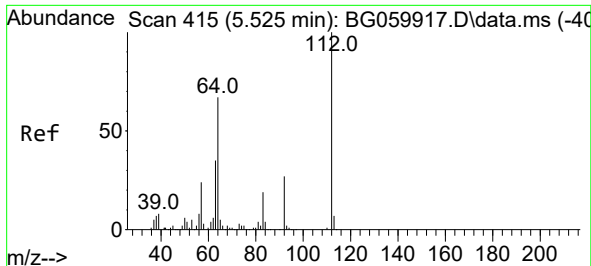
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 57.341 ng
RT: 3.749 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

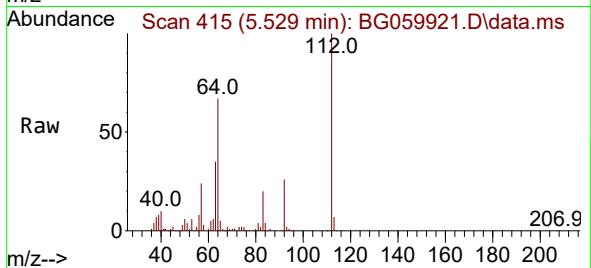
Tgt Ion: 42 Resp: 54031
Ion Ratio Lower Upper
42 100
74 104.7 81.5 122.3
44 7.1 4.6 7.0#





#5
2-Fluorophenol
Concen: 80.431 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

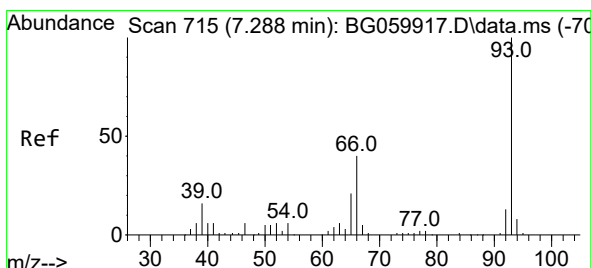
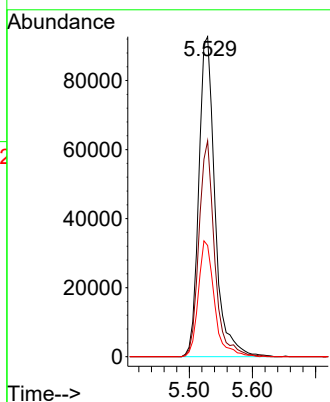
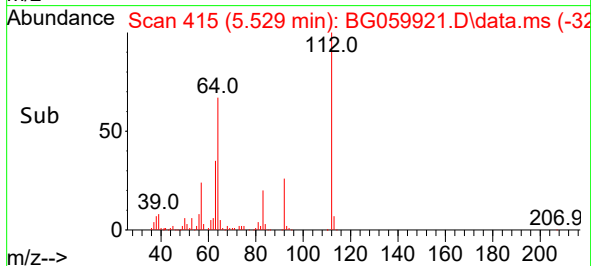
Instrument :
BNA_G
ClientSampleId :
ICVBG113023



Tgt Ion:112 Resp: 164940
Ion Ratio Lower Upper
112 100
64 67.5 53.9 80.9
63 34.8 28.3 42.5

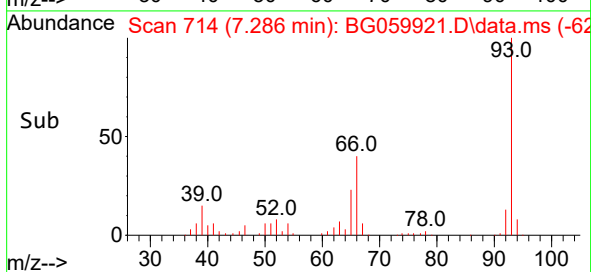
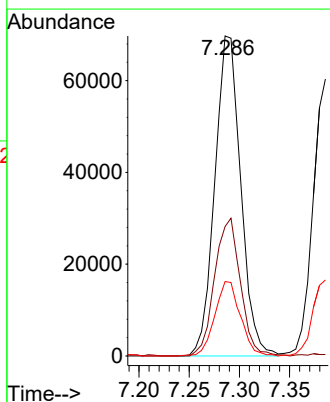
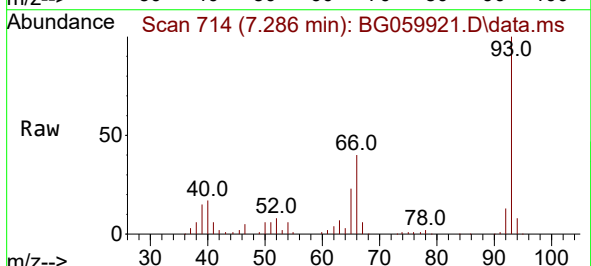
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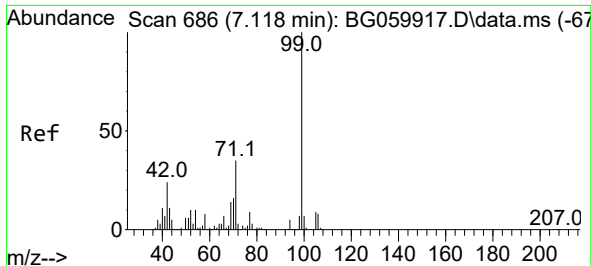
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 39.466 ng
RT: 7.286 min Scan# 714
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion: 93 Resp: 125165
Ion Ratio Lower Upper
93 100
66 40.4 32.2 48.2
65 23.3 17.0 25.6





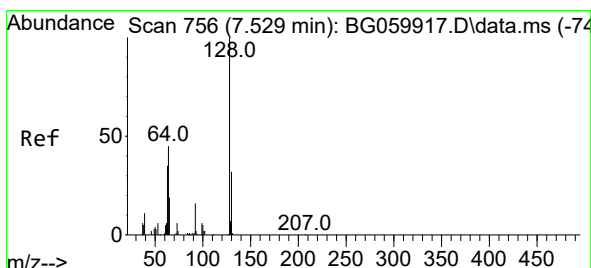
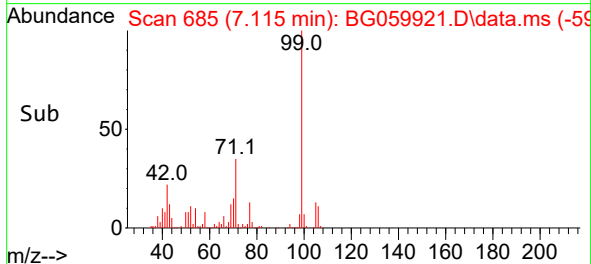
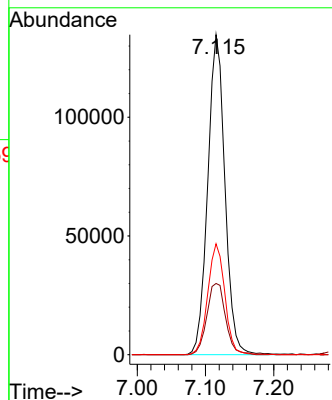
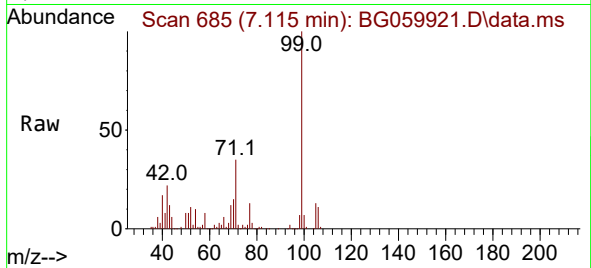
#7
Phenol-d6
Concen: 79.885 ng
RT: 7.115 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :
BNA_G
ClientSampleId :
ICVBG113023

Tgt Ion: 99 Resp: 23646
Ion Ratio Lower Upper
99 100
42 22.3 18.8 28.2
71 34.6 28.0 42.0

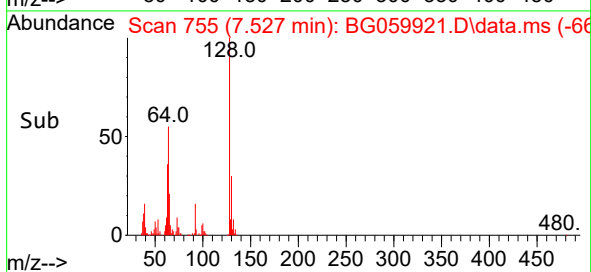
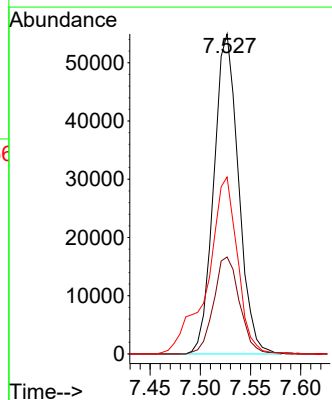
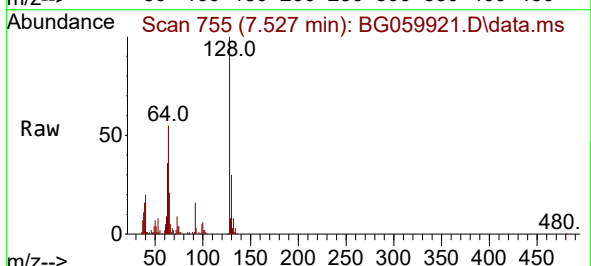
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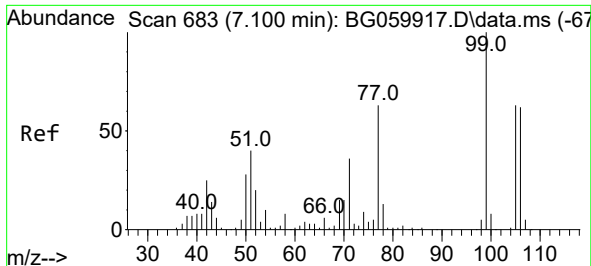
Reviewed By :Yogesh Patel 12/01/2023
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#8
2-Chlorophenol
Concen: 40.682 ng
RT: 7.527 min Scan# 755
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:128 Resp: 93974
Ion Ratio Lower Upper
128 100
130 30.3 12.4 52.4
64 55.3 29.5 69.5





#9
Benzaldehyde
Concen: 37.148 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

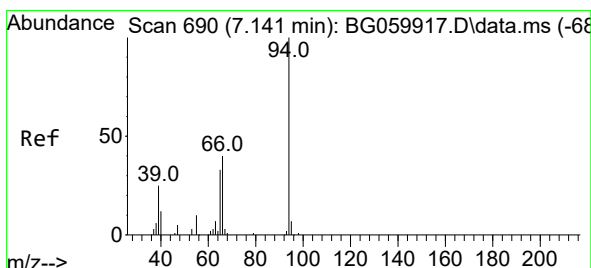
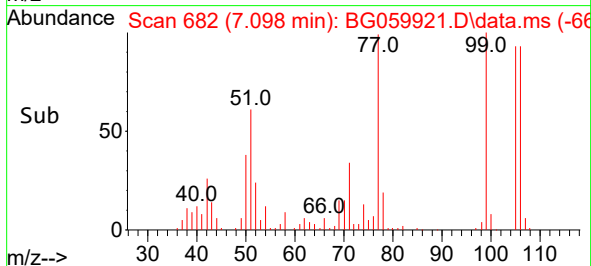
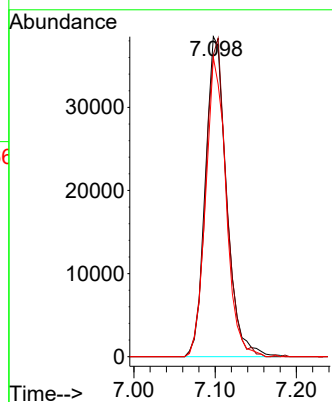
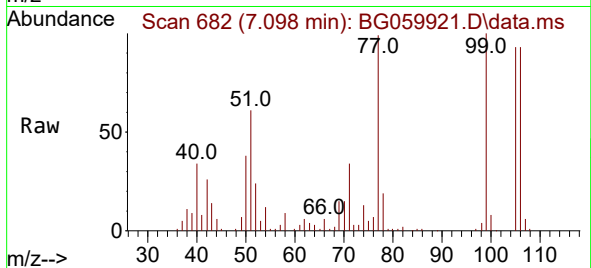
ICVBG113023

Tgt Ion: 77 Resp: 69738
Ion Ratio Lower Upper
77 100
105 94.3 80.8 120.8
106 93.5 78.3 118.3

Manual Integrations

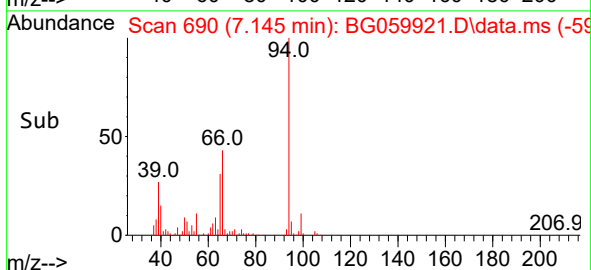
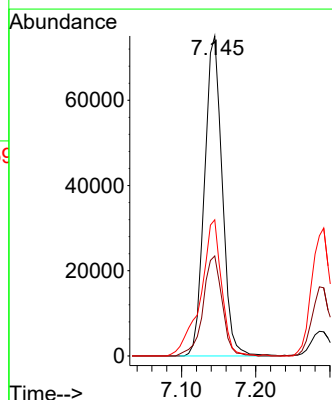
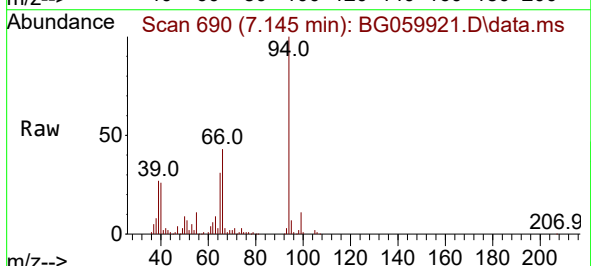
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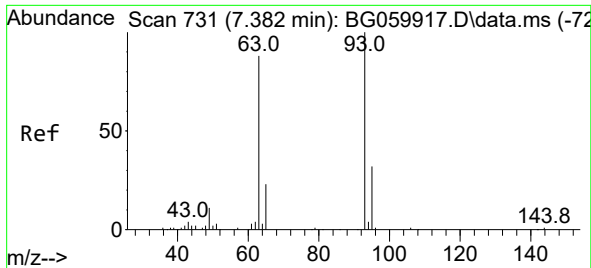
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#10
Phenol
Concen: 40.088 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion: 94 Resp: 124225
Ion Ratio Lower Upper
94 100
65 31.2 13.7 53.7
66 42.6 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 40.783 ng
RT: 7.386 min Scan# 731
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

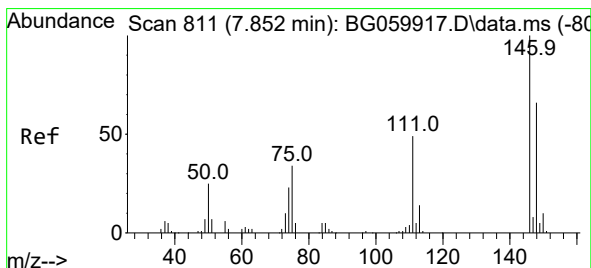
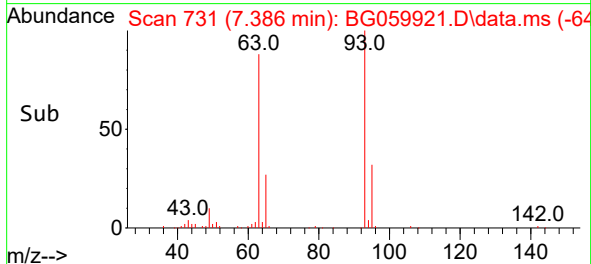
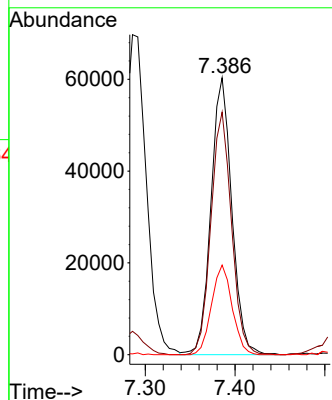
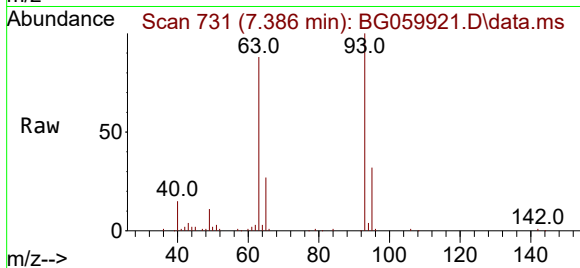
ClientSampleId :

ICVBG113023

Tgt Ion: 93 Resp: 97434
Ion Ratio Lower Upper
93 100
63 87.6 67.0 107.0
95 32.4 11.9 51.9

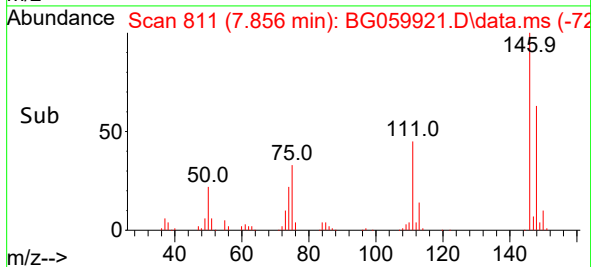
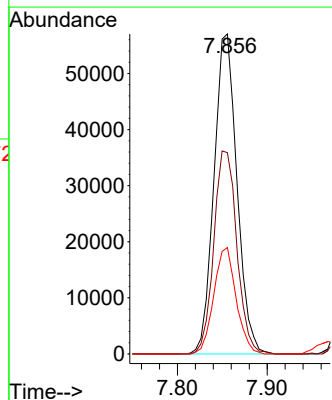
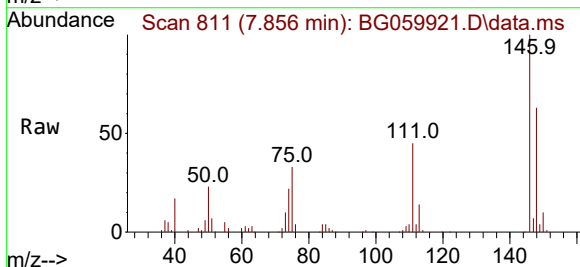
Manual Integrations
APPROVED

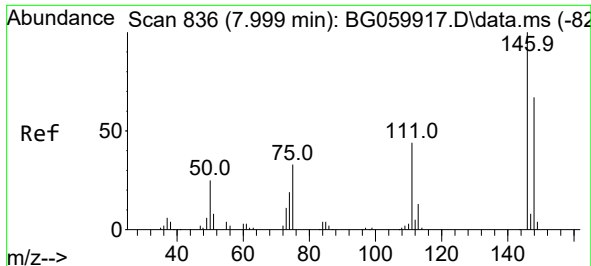
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 40.065 ng
RT: 7.856 min Scan# 811
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:146 Resp: 101375
Ion Ratio Lower Upper
146 100
148 62.9 52.5 78.7
75 33.3 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 40.436 ng

RT: 8.003 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Tgt Ion:146 Resp: 10543

Ion Ratio Lower Upper

146 100

148 63.5 53.6 80.4

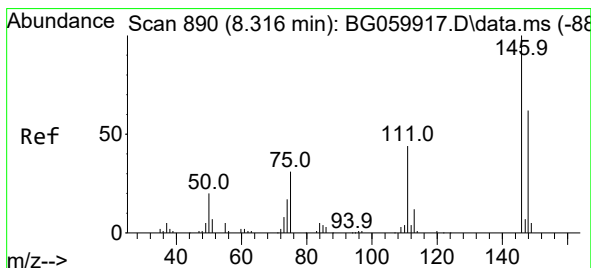
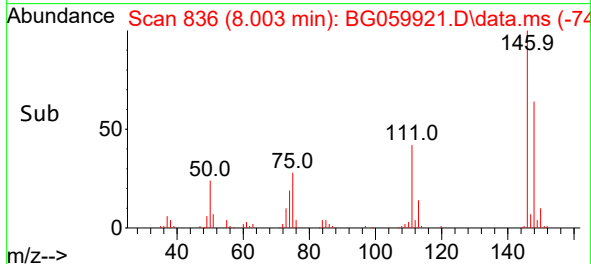
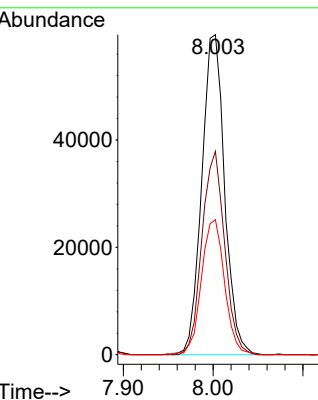
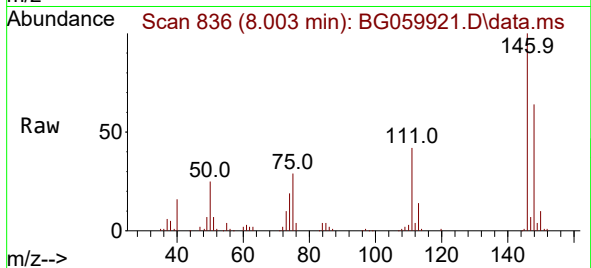
111 42.2 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 40.330 ng

RT: 8.320 min Scan# 890

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

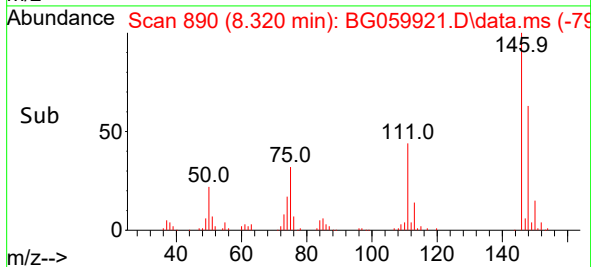
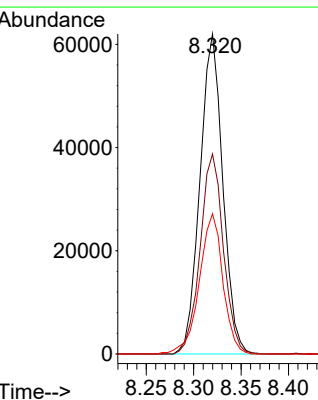
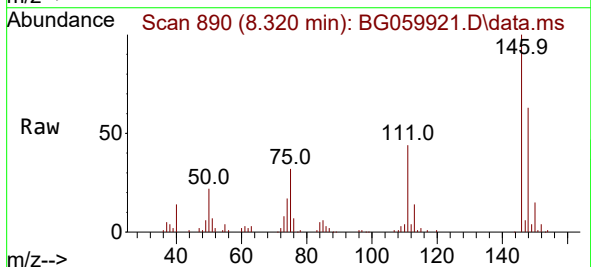
Tgt Ion:146 Resp: 103610

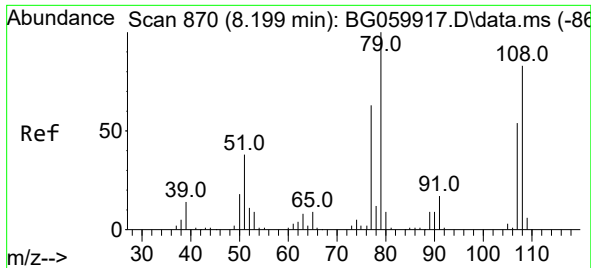
Ion Ratio Lower Upper

146 100

148 62.5 49.7 74.5

111 43.8 35.8 53.6





#15
Benzyl Alcohol
Concen: 40.695 ng
RT: 8.196 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

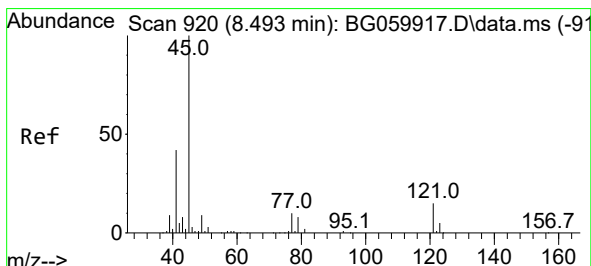
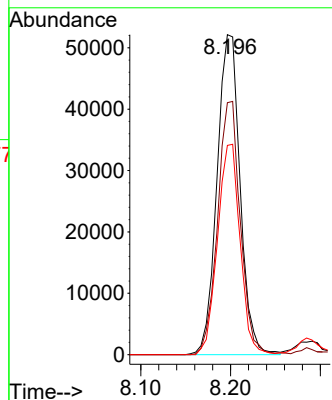
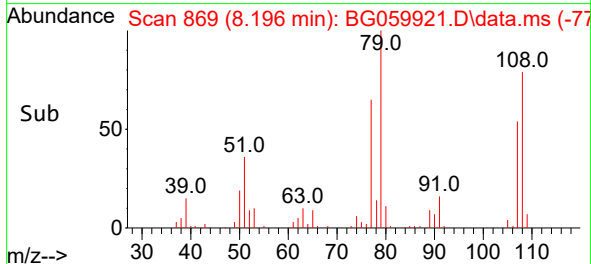
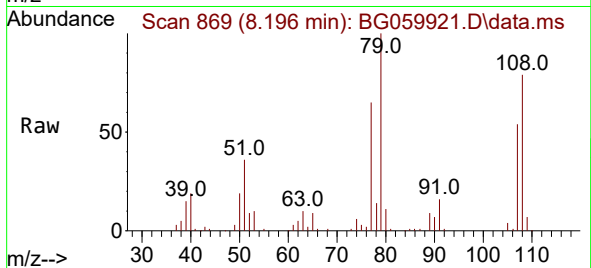
ICVBG113023

Tgt Ion: 79 Resp: 93114
Ion Ratio Lower Upper
79 100
108 78.7 66.2 99.4
77 65.4 50.2 75.2

Manual Integrations

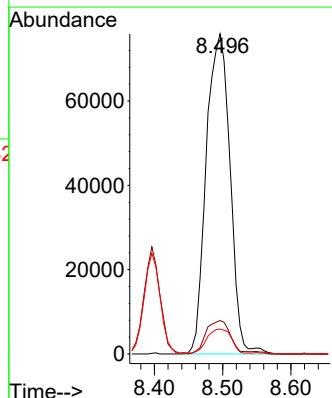
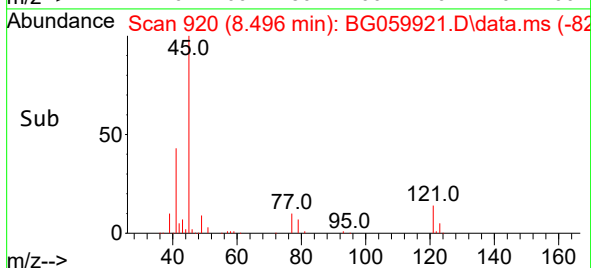
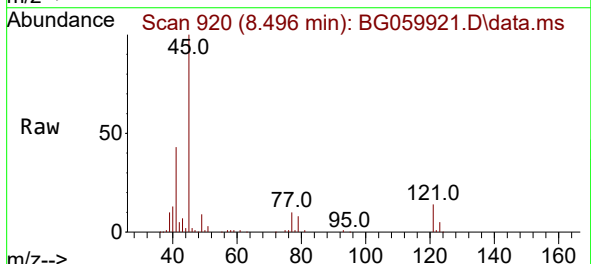
APPROVED

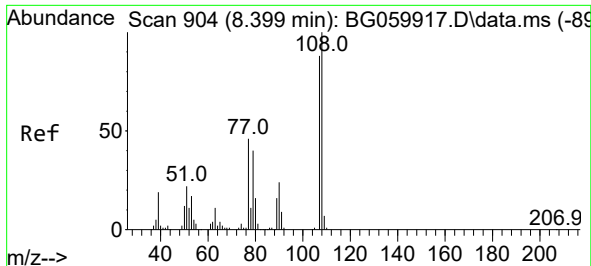
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.441 ng
RT: 8.496 min Scan# 920
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion: 45 Resp: 184104
Ion Ratio Lower Upper
45 100
77 10.4 0.0 29.6
79 7.8 0.0 28.6





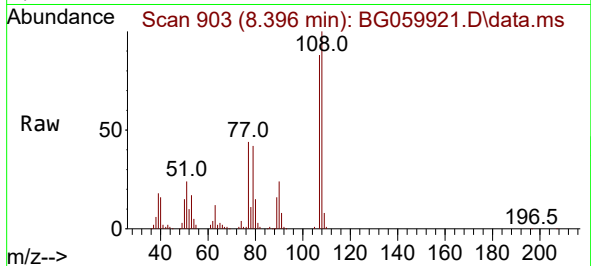
#17
2-Methylphenol
Concen: 41.185 ng
RT: 8.396 min Scan# 904
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



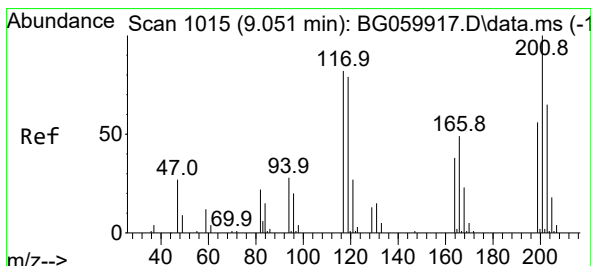
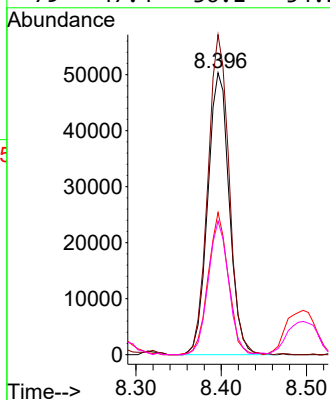
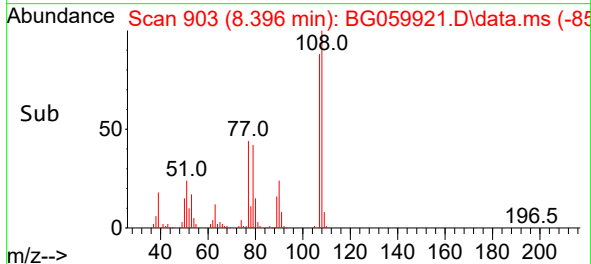
Tgt Ion:107 Resp: 8836
Ion Ratio Lower Upper
107 100
108 113.5 91.0 136.6
77 50.4 41.4 62.0
79 47.4 36.1 54.1

Manual Integrations

APPROVED

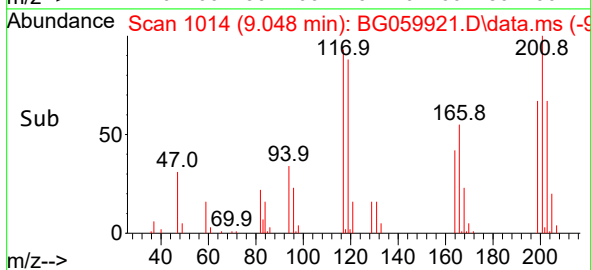
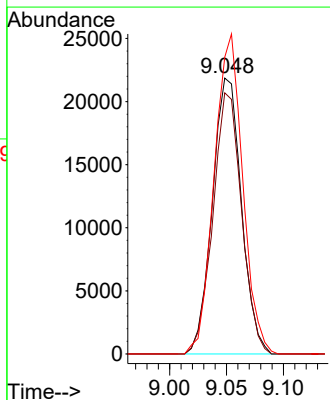
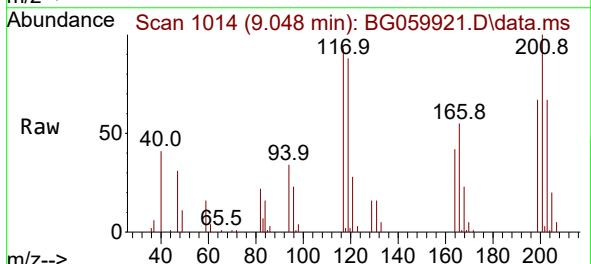
Reviewed By :Yogesh Patel 12/01/2023

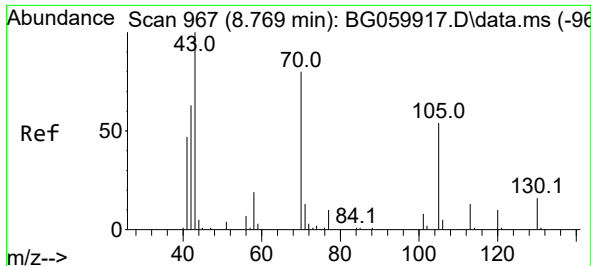
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 41.415 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:117 Resp: 38795
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6
201 107.7 97.2 145.8





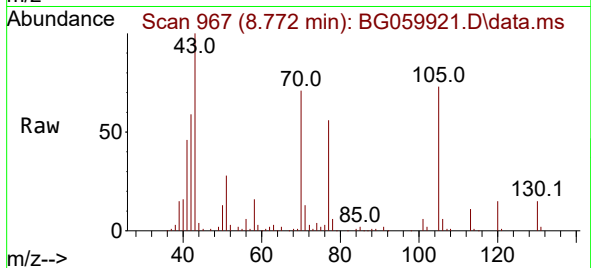
#19
n-Nitroso-di-n-propylamine
Concen: 41.060 ng
RT: 8.772 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

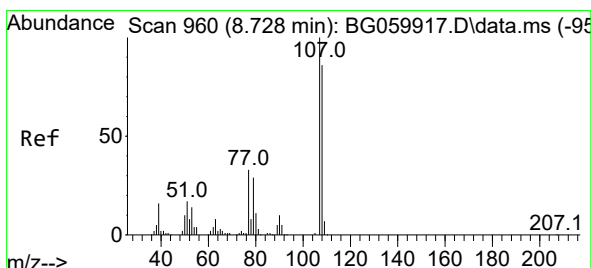
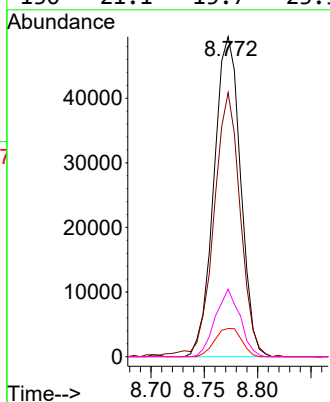
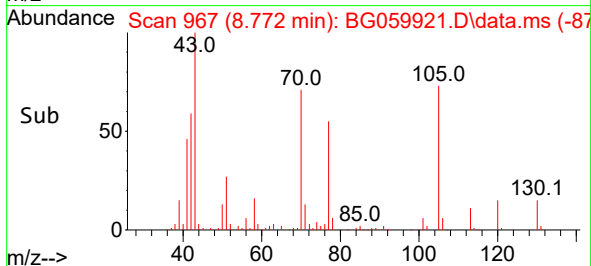


Tgt Ion: 70 Resp: 8588
Ion Ratio Lower Upper
70 100
42 82.5 63.4 95.0
101 8.8 7.8 11.6
130 21.1 15.7 23.5

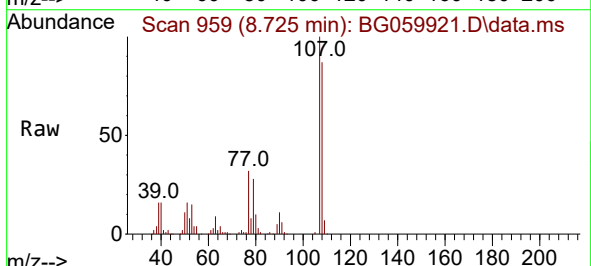
Manual Integrations

APPROVED

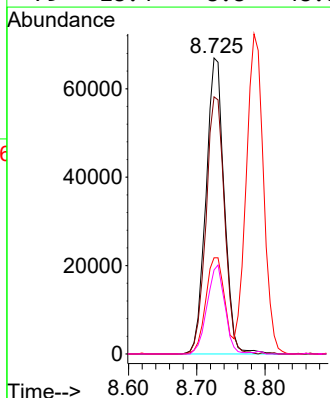
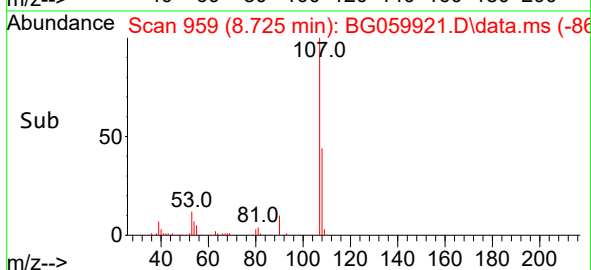
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

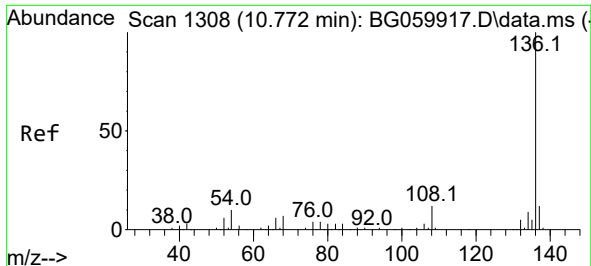


#20
3+4-Methylphenols
Concen: 41.372 ng
RT: 8.725 min Scan# 959
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:107 Resp: 125041
Ion Ratio Lower Upper
107 100
108 86.9 65.9 105.9
77 32.5 12.9 52.9
79 28.4 8.8 48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.770 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

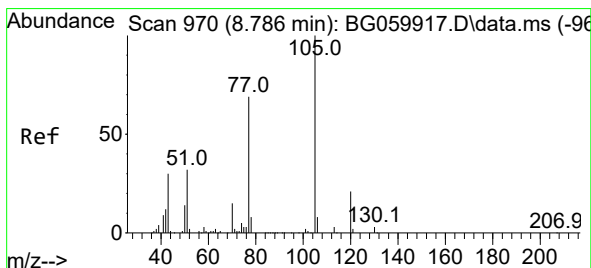
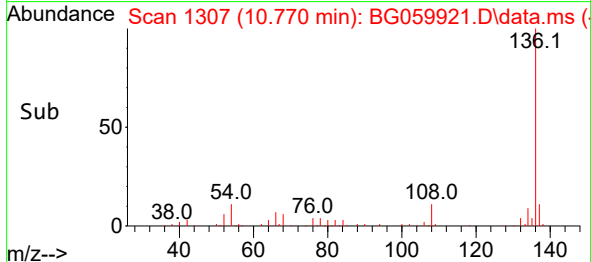
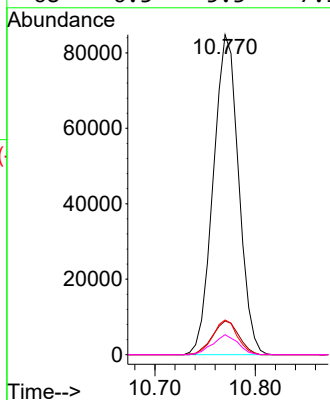
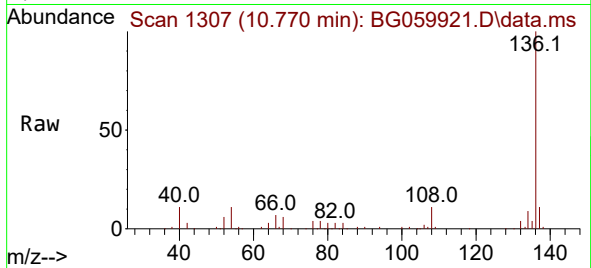
ClientSampleId :

ICVBG113023

Tgt Ion:136 Resp: 14840
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 10.8 7.8 11.8
68 6.3 5.3 7.9

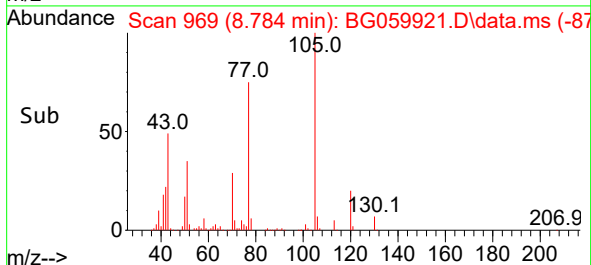
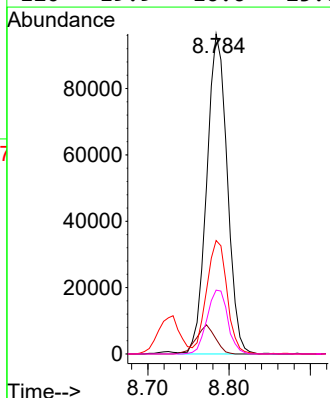
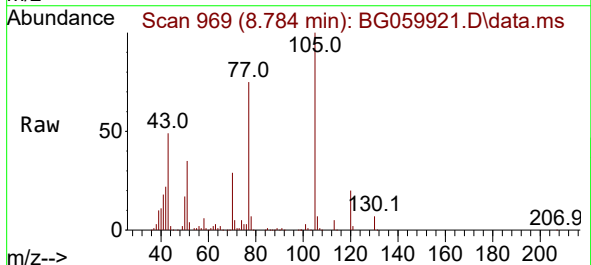
Manual Integrations
APPROVED

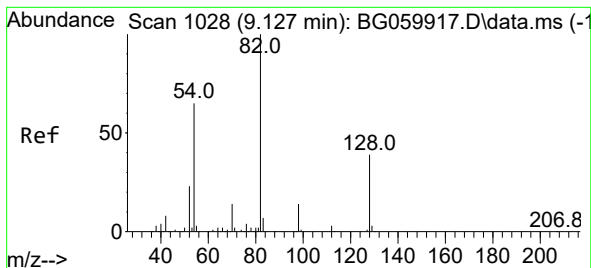
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 41.118 ng
RT: 8.784 min Scan# 969
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:105 Resp: 168932
Ion Ratio Lower Upper
105 100
71 4.6 2.3 3.5#
51 35.5 27.4 41.2
120 19.9 16.6 25.0





#23

Nitrobenzene-d5

Concen: 90.411 ng

RT: 9.125 min Scan# 1027

Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Tgt Ion: 82 Resp: 230700

Ion Ratio Lower Upper

82 100

128 41.0 31.3 46.9

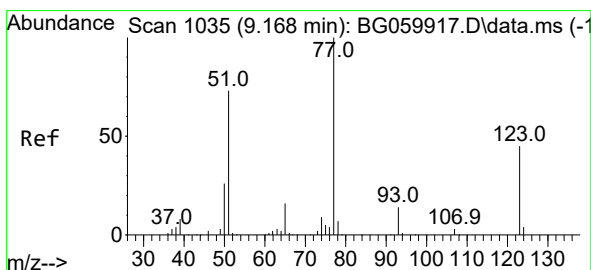
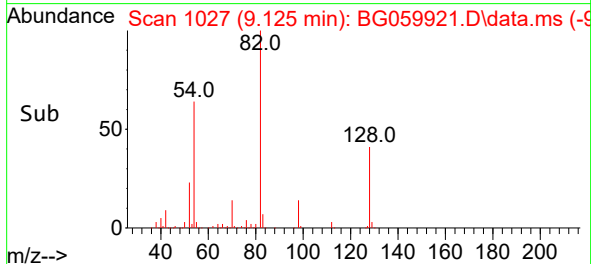
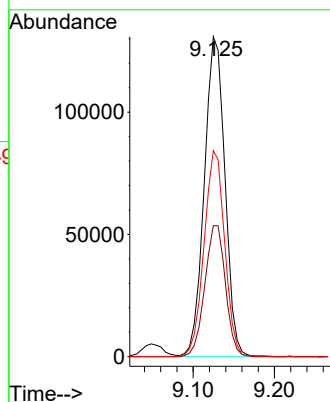
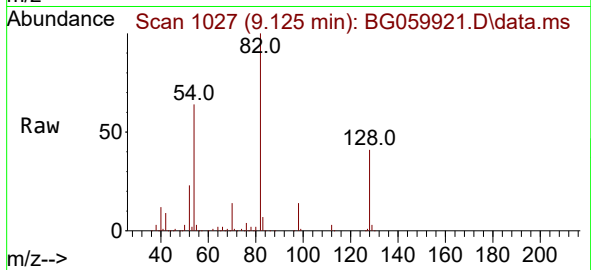
54 64.4 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 44.141 ng

RT: 9.166 min Scan# 1034

Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

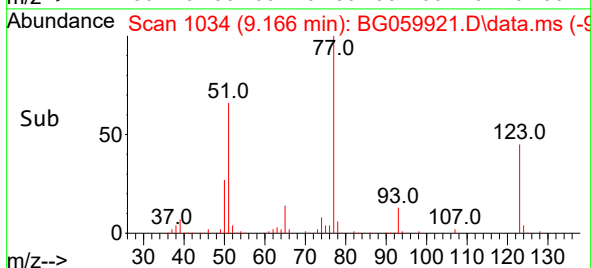
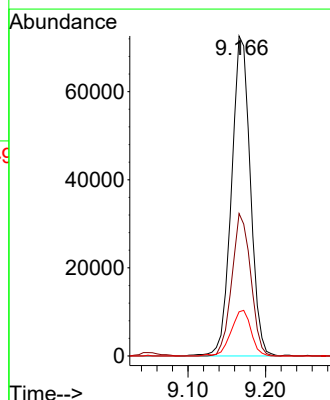
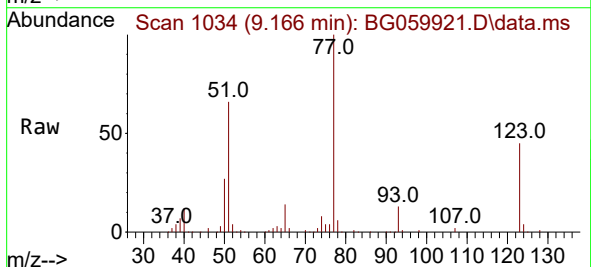
Tgt Ion: 77 Resp: 122670

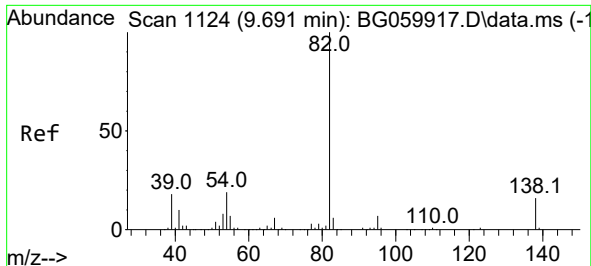
Ion Ratio Lower Upper

77 100

123 44.5 36.2 54.4

65 13.8 12.6 18.8





#25
Isophorone
Concen: 41.073 ng
RT: 9.689 min Scan# 1123
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

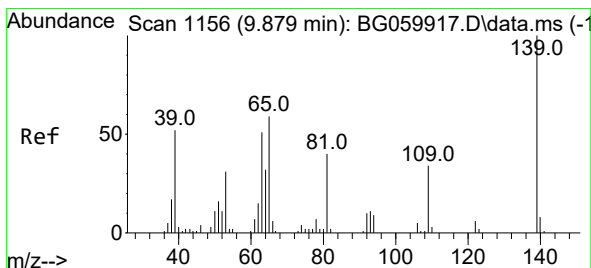
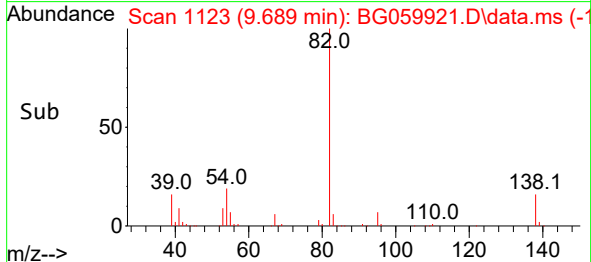
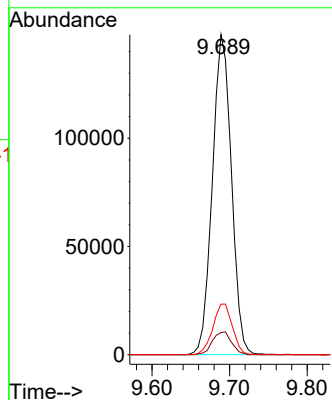
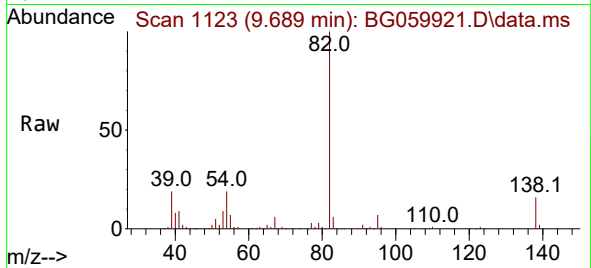
ICVBG113023

Tgt Ion: 82 Resp: 252758
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 15.8 13.0 19.4

Manual Integrations

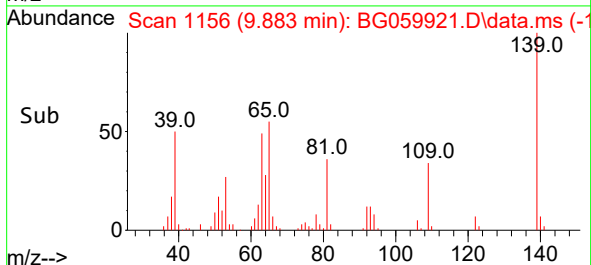
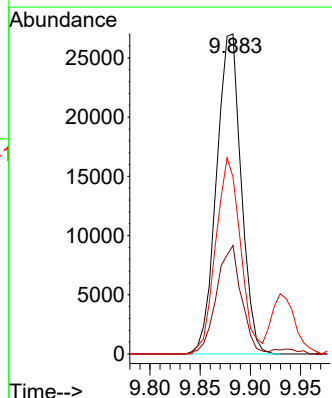
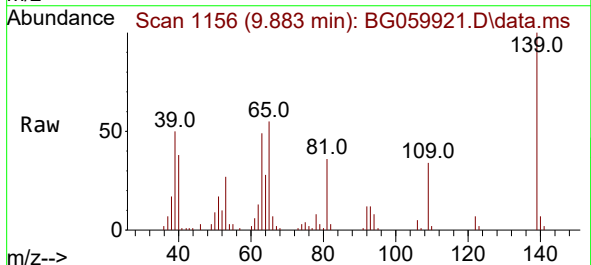
APPROVED

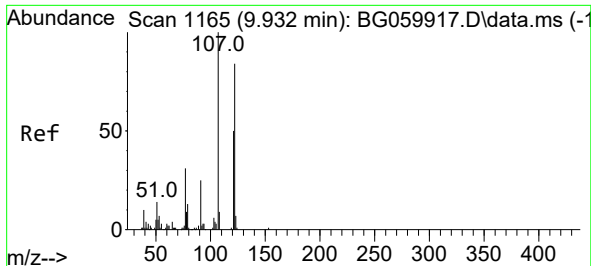
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 51.240 ng
RT: 9.883 min Scan# 1156
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:139 Resp: 46176
Ion Ratio Lower Upper
139 100
109 33.9 27.0 40.4
65 55.3 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 41.364 ng

RT: 9.930 min Scan# 1165

Delta R.T. -0.002 min

Lab File: BG059921.D

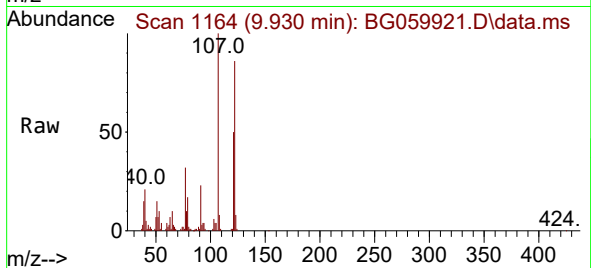
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



Tgt Ion:122 Resp: 7380

Ion Ratio Lower Upper

122 100

107 115.9 94.1 141.1

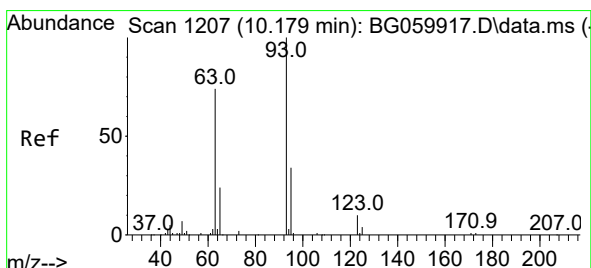
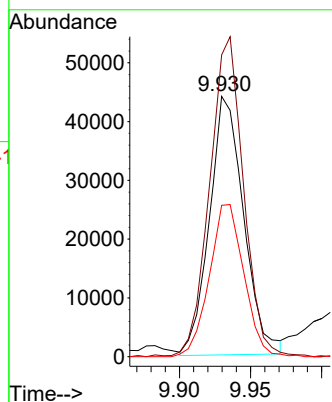
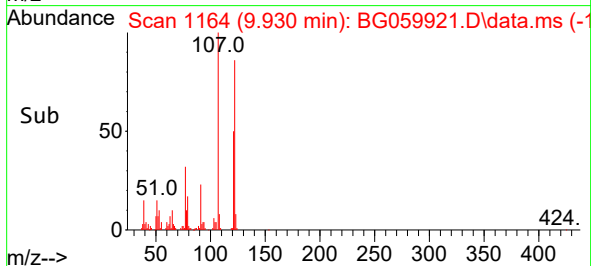
121 58.1 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.597 ng

RT: 10.176 min Scan# 1206

Delta R.T. -0.003 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

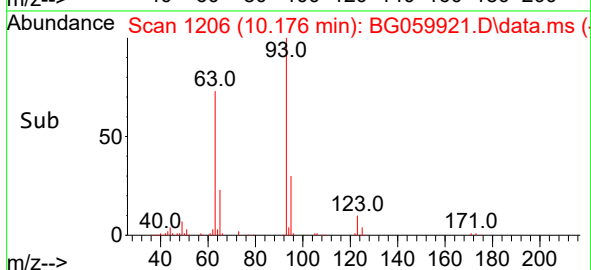
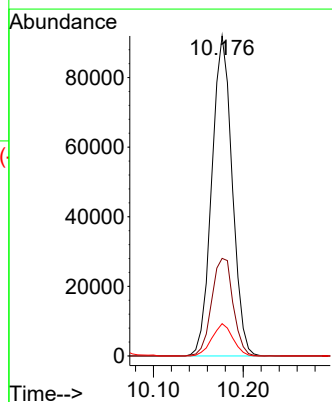
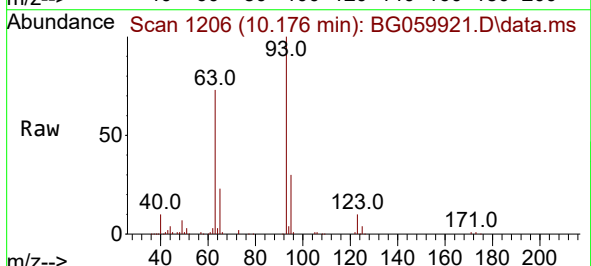
Tgt Ion: 93 Resp: 144919

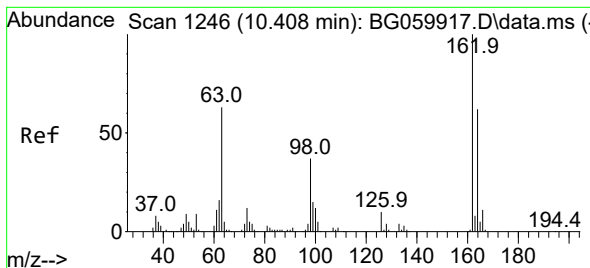
Ion Ratio Lower Upper

93 100

95 30.5 27.0 40.4

123 10.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 42.608 ng

RT: 10.411 min Scan# 1246

Delta R.T. 0.004 min

Lab File: BG059921.D

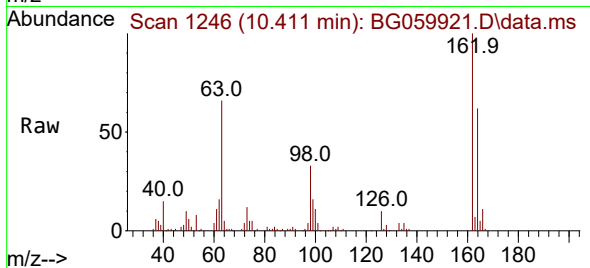
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



Tgt Ion:162 Resp: 103790

Ion Ratio Lower Upper

162 100

164 61.9 42.4 82.4

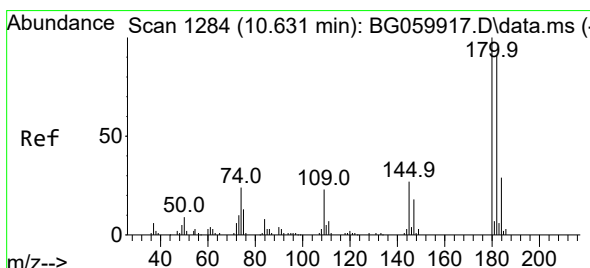
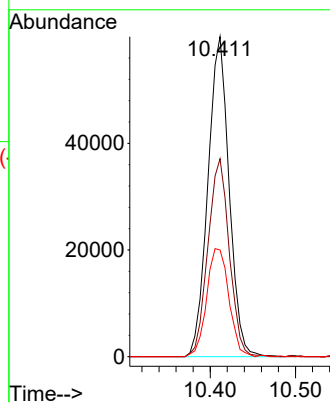
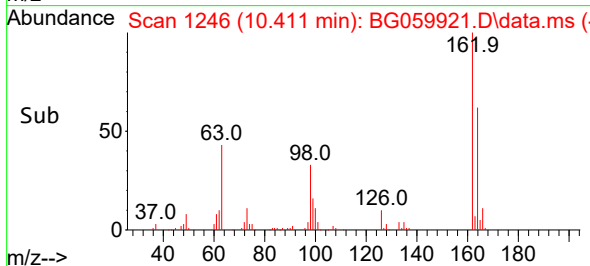
98 33.4 17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.992 ng

RT: 10.635 min Scan# 1284

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

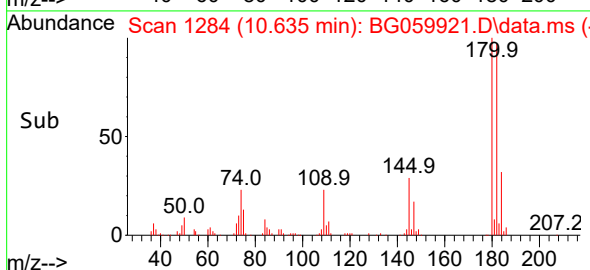
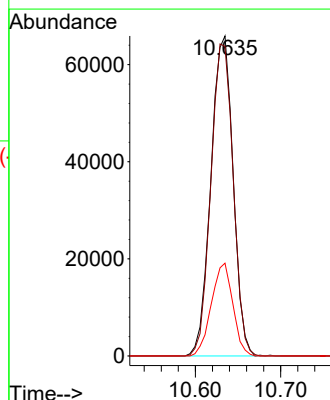
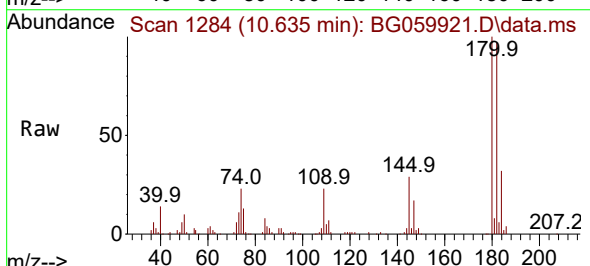
Tgt Ion:180 Resp: 119261

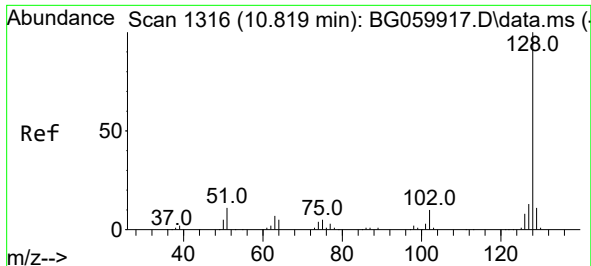
Ion Ratio Lower Upper

180 100

182 96.7 72.6 109.0

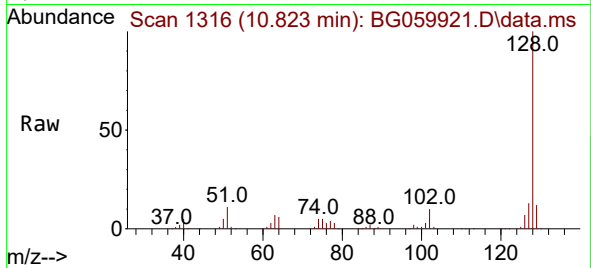
145 29.0 21.6 32.4





#31
Naphthalene
Concen: 41.477 ng
RT: 10.823 min Scan# 1186
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

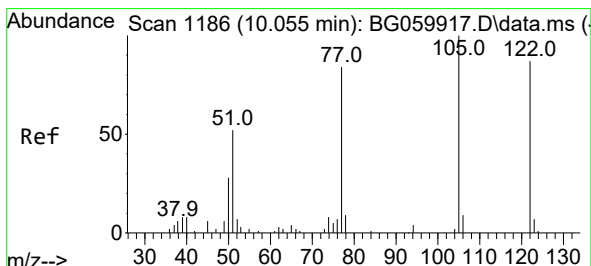
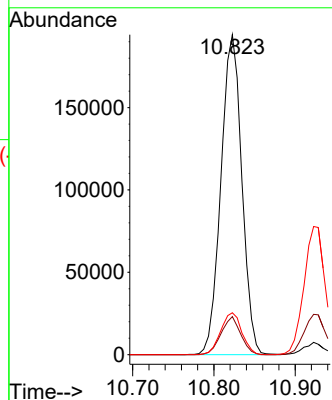
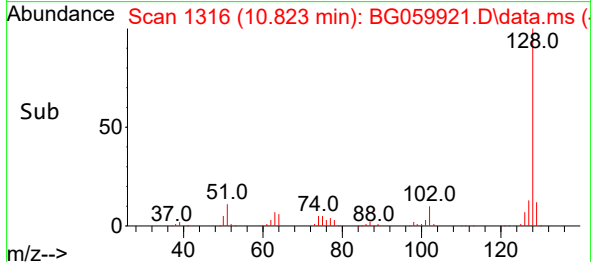
Instrument :
BNA_G
ClientSampleId :
ICVBG113023



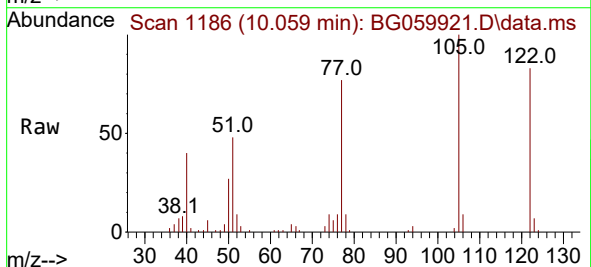
Tgt Ion:128 Resp: 347250
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 13.1 10.2 15.4

Manual Integrations
APPROVED

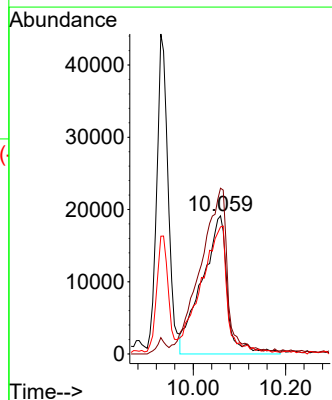
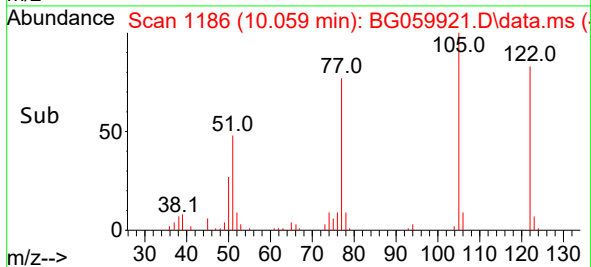
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

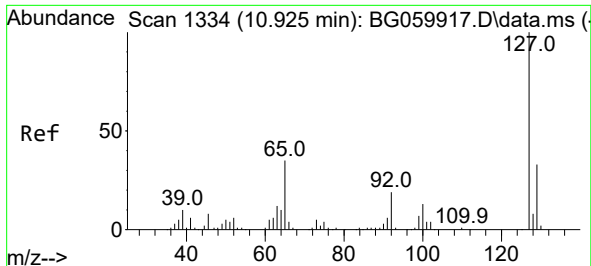


#32
Benzoic acid
Concen: 43.900 ng m
RT: 10.059 min Scan# 1186
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:122 Resp: 73280
Ion Ratio Lower Upper
122 100
105 120.1 95.0 135.0
77 92.0 75.7 115.7





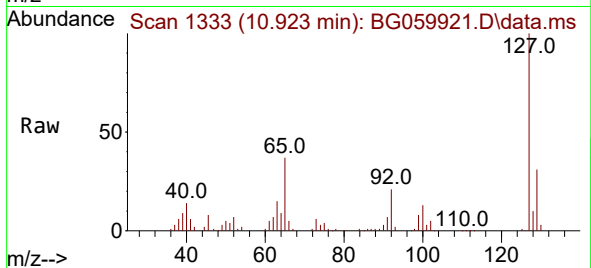
#33
4-Chloroaniline
Concen: 41.590 ng
RT: 10.923 min Scan# 1333
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



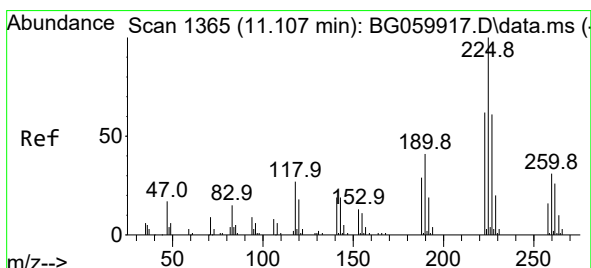
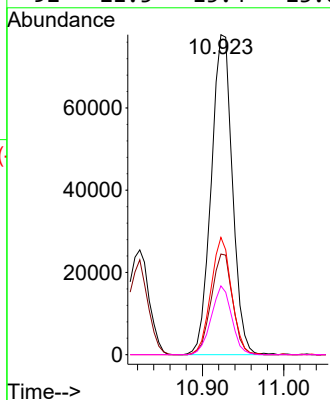
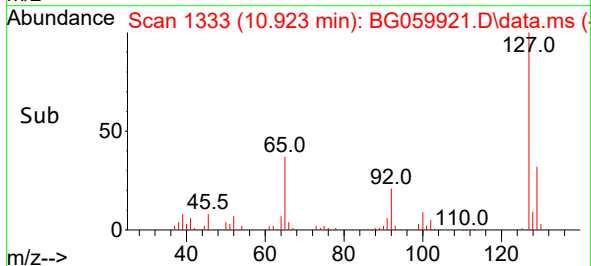
Tgt Ion:127 Resp: 141035
Ion Ratio Lower Upper
127 100
129 31.4 26.6 40.0
65 36.7 27.9 41.9
92 21.5 15.4 23.0

Manual Integrations

APPROVED

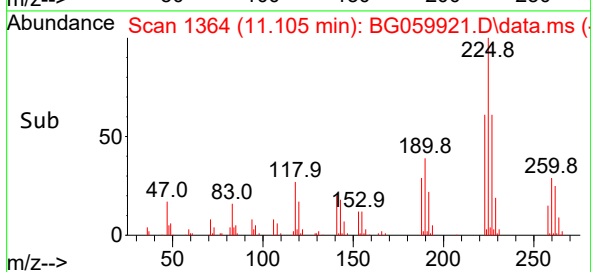
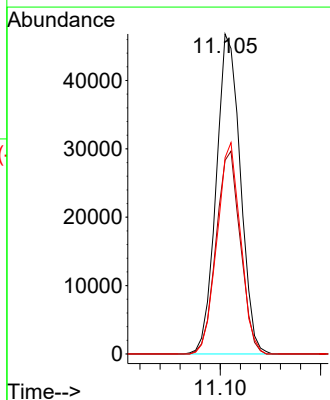
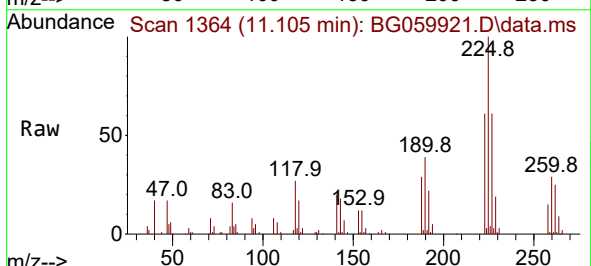
Reviewed By :Yogesh Patel 12/01/2023

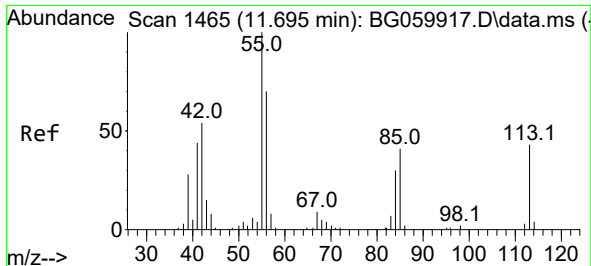
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 40.968 ng
RT: 11.105 min Scan# 1364
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

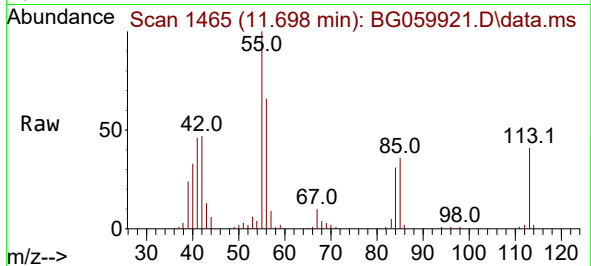
Tgt Ion:225 Resp: 78052
Ion Ratio Lower Upper
225 100
223 60.5 50.0 75.0
227 61.4 49.2 73.8





#35
Caprolactam
Concen: 40.537 ng
RT: 11.698 min Scan# 1465
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

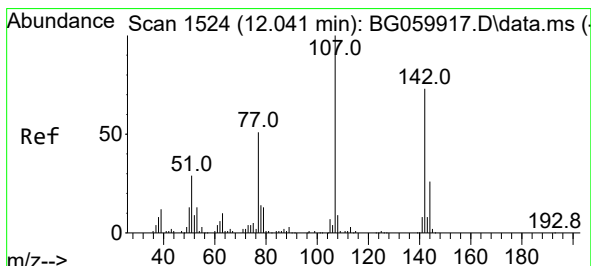
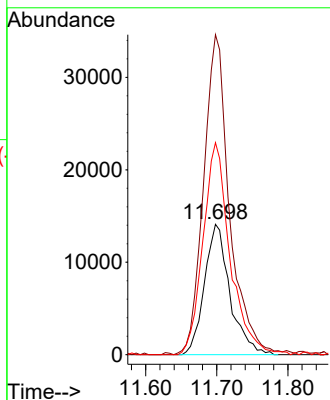
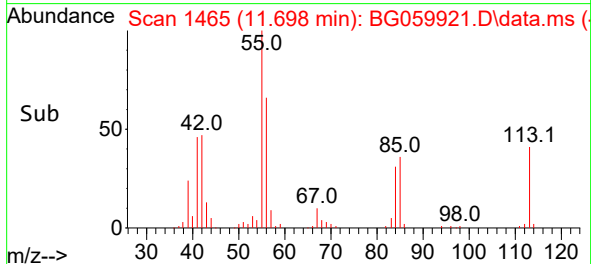
Instrument :
BNA_G
ClientSampleId :
ICVBG113023



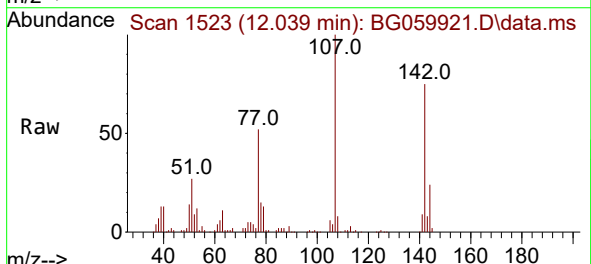
Tgt Ion:113 Resp: 3508
Ion Ratio Lower Upper
113 100
55 245.4 212.9 252.9
56 162.6 143.2 183.2

Manual Integrations
APPROVED

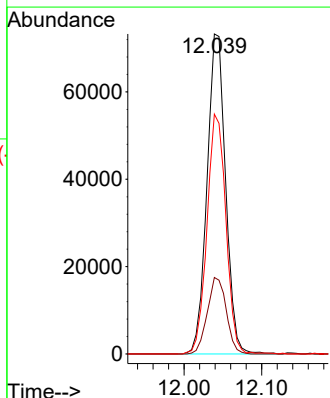
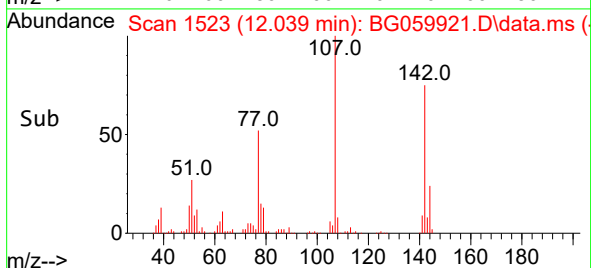
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

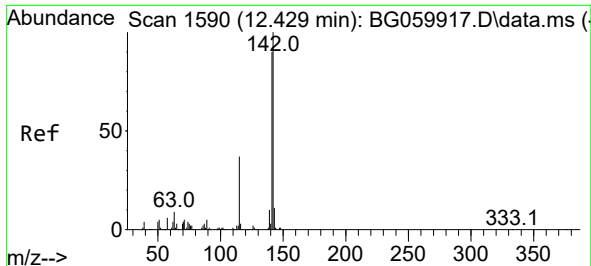


#36
4-Chloro-3-methylphenol
Concen: 42.082 ng
RT: 12.039 min Scan# 1523
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:107 Resp: 122194
Ion Ratio Lower Upper
107 100
144 23.9 20.6 31.0
142 74.9 58.6 87.8





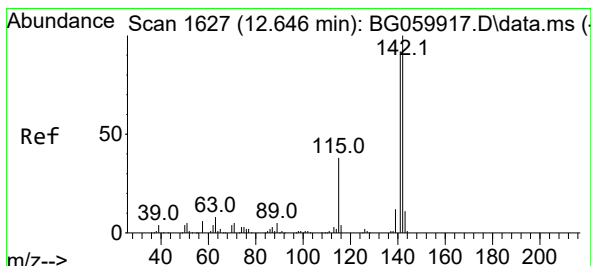
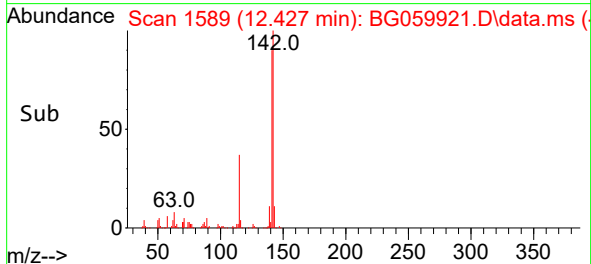
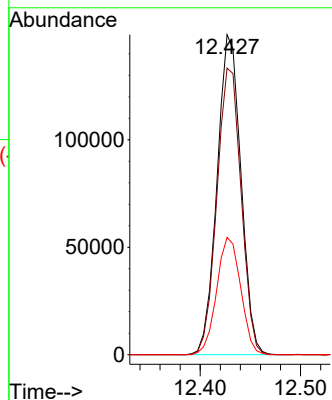
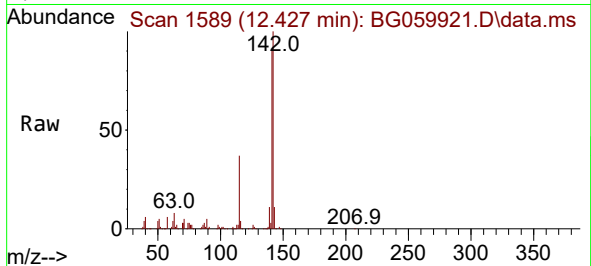
#37
2-Methylnaphthalene
Concen: 41.435 ng
RT: 12.427 min Scan# 1589
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :
BNA_G
ClientSampleId :
ICVBG113023

Tgt Ion:142 Resp: 245549
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2
115 36.6 29.3 43.9

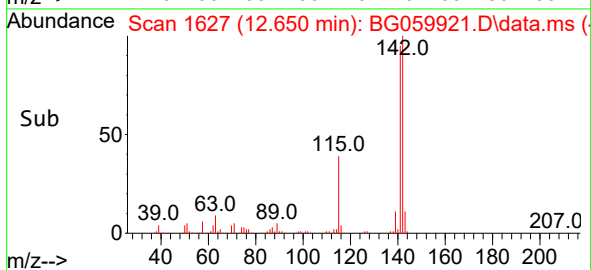
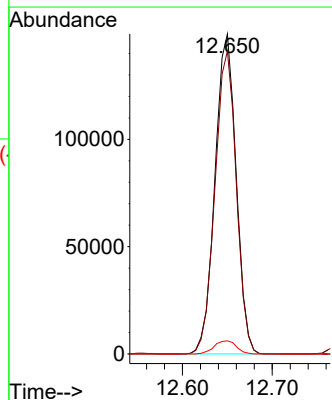
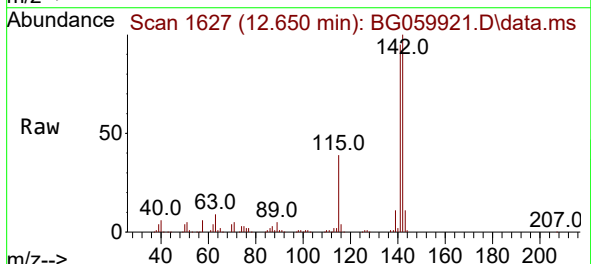
Manual Integrations
APPROVED

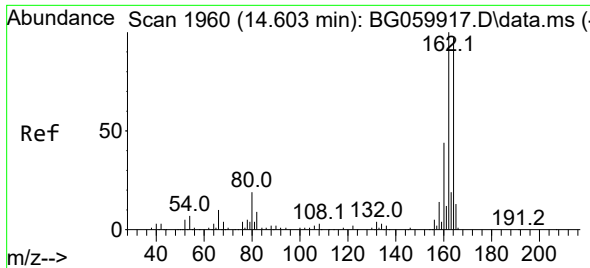
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 40.666 ng
RT: 12.650 min Scan# 1627
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:142 Resp: 243845
Ion Ratio Lower Upper
142 100
141 94.6 73.8 110.6
116 4.1 2.9 4.3





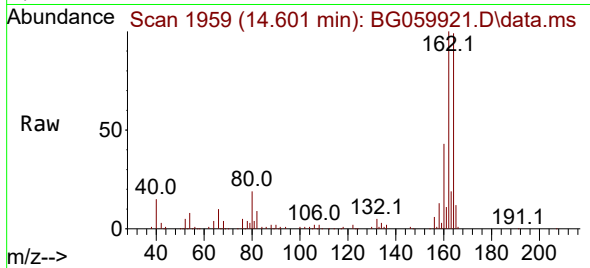
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

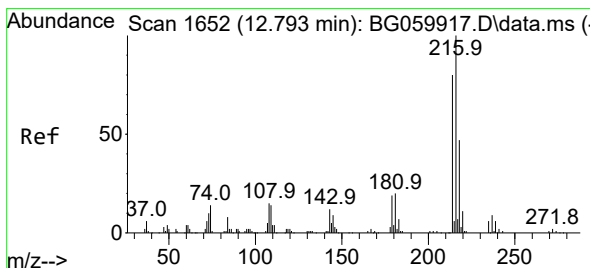
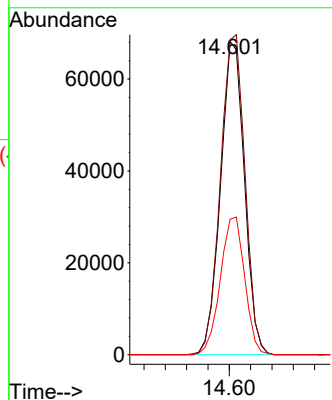
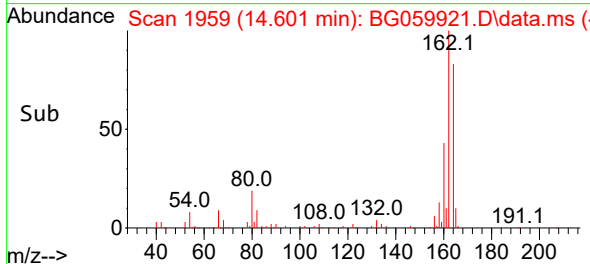


Tgt Ion:164 Resp: 10583
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 43.2 35.8 53.6

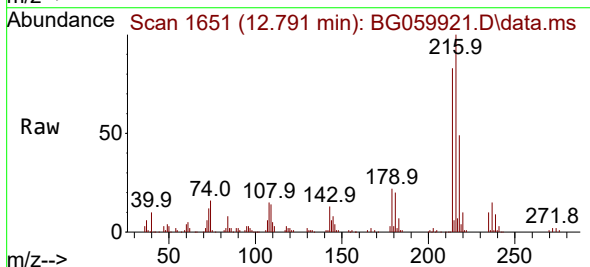
Manual Integrations

APPROVED

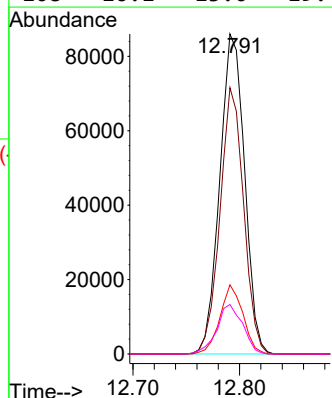
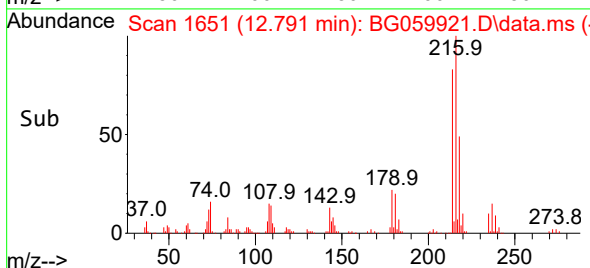
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

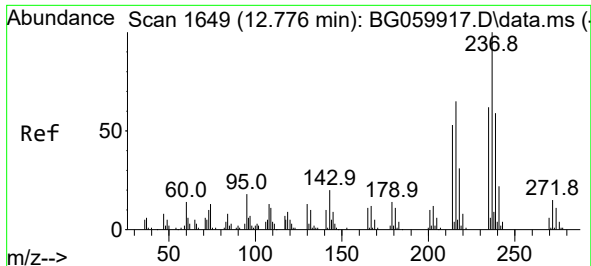


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.112 ng
RT: 12.791 min Scan# 1651
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



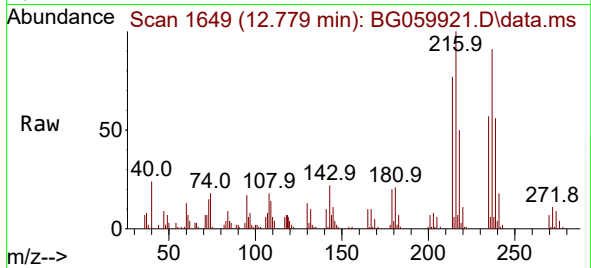
Tgt Ion:216 Resp: 138885
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 20.0 16.0 24.0
108 16.1 13.0 19.4





#41
Hexachlorocyclopentadiene
Concen: 42.252 ng
RT: 12.779 min Scan# 1649
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

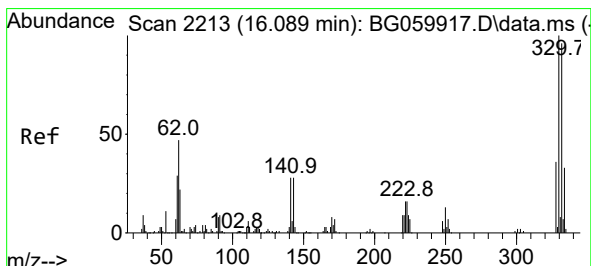
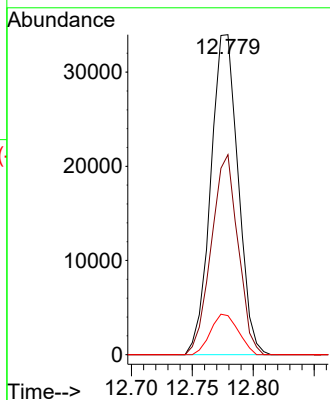
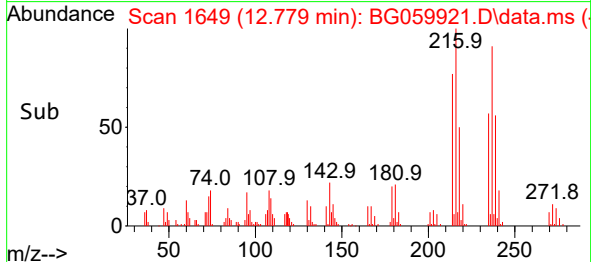
Instrument :
BNA_G
ClientSampleId :
ICVBG113023



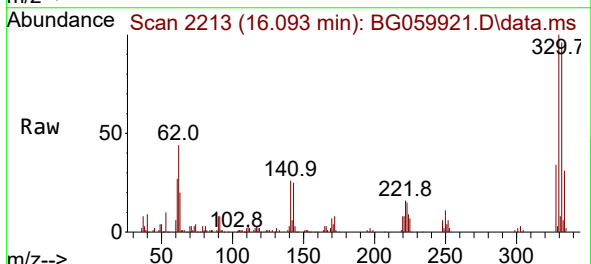
Tgt Ion:237 Resp: 53084
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 12.2 0.0 34.7

Manual Integrations
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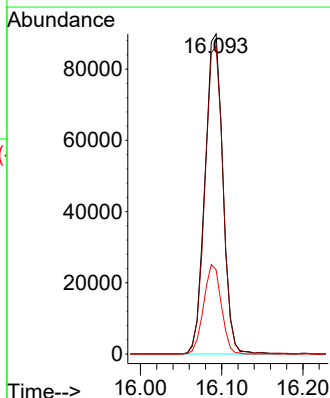
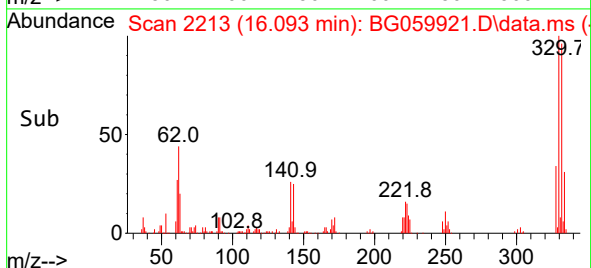
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

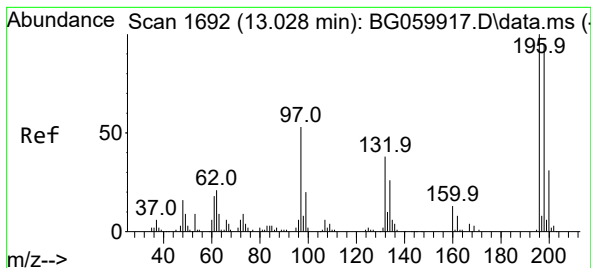


#42
2,4,6-Tribromophenol
Concen: 84.257 ng
RT: 16.093 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:330 Resp: 136857
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 27.5 22.3 33.5





#43
2,4,6-Trichlorophenol
Concen: 44.715 ng
RT: 13.032 min Scan# 1703
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

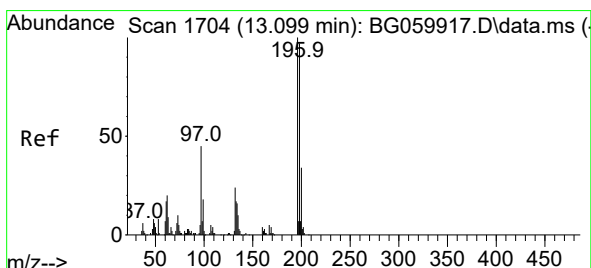
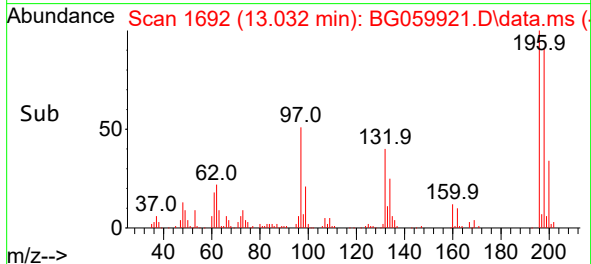
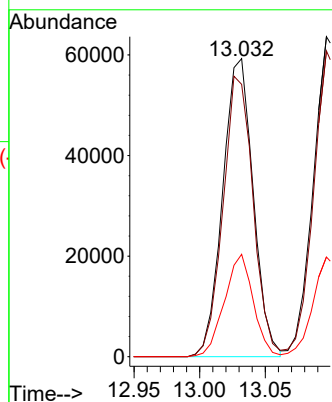
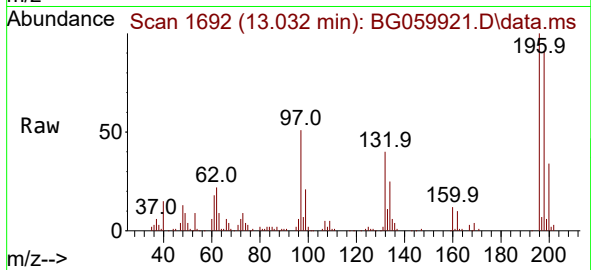
ICVBG113023

Tgt Ion:196 Resp: 9568
Ion Ratio Lower Upper
196 100
198 91.3 76.1 114.1
200 34.3 24.8 37.2

Manual Integrations

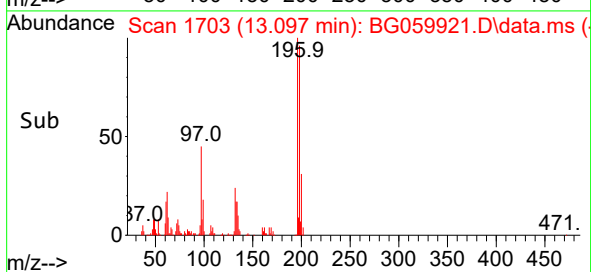
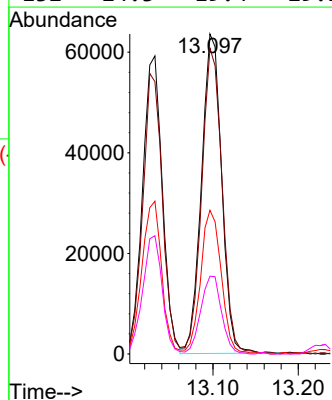
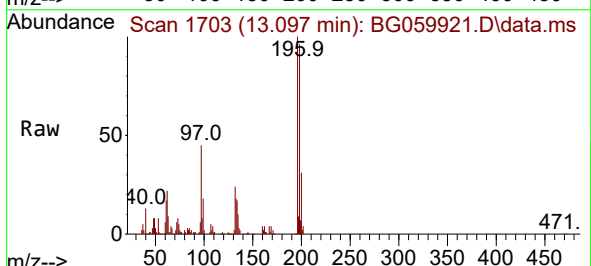
APPROVED

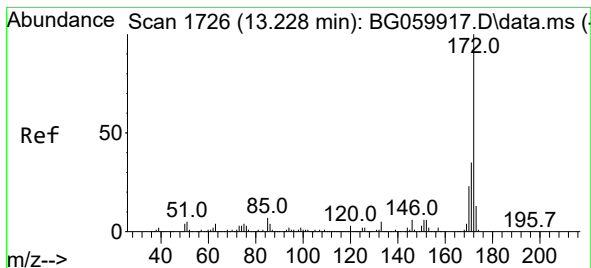
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#44
2,4,5-Trichlorophenol
Concen: 43.051 ng
RT: 13.097 min Scan# 1703
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:196 Resp: 104412
Ion Ratio Lower Upper
196 100
198 95.6 77.5 116.3
97 44.9 36.2 54.4
132 24.3 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 83.749 ng
RT: 13.226 min Scan# 1725
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

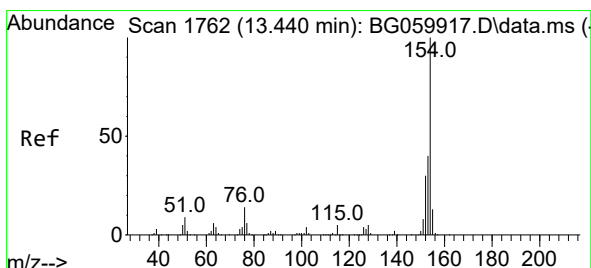
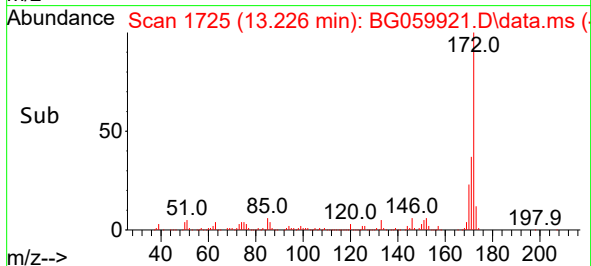
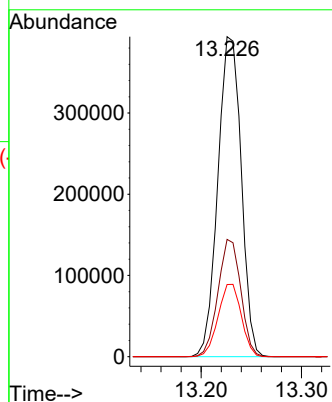
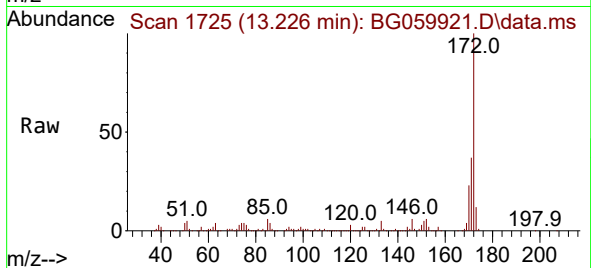
ICVBG113023

Tgt Ion:172 Resp: 637252
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 22.6 18.2 27.2

Manual Integrations

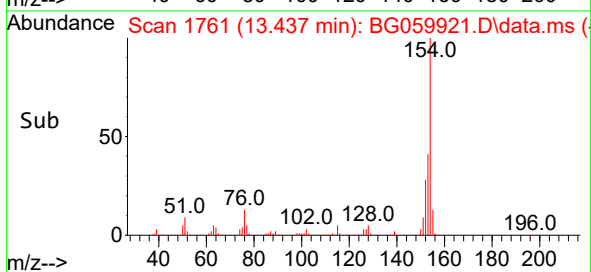
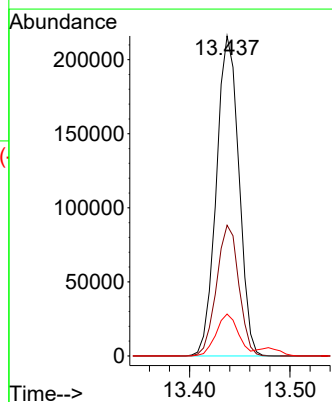
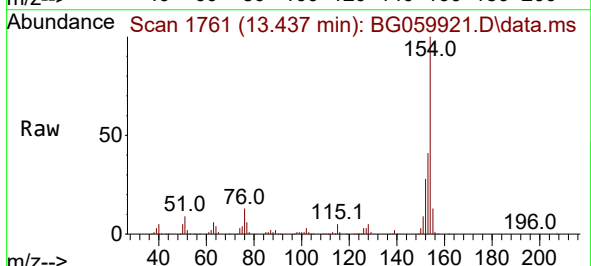
APPROVED

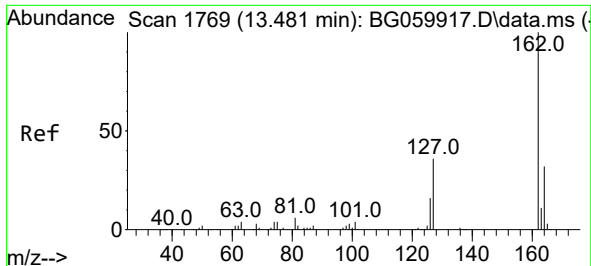
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#46
1,1'-Biphenyl
Concen: 42.298 ng
RT: 13.437 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:154 Resp: 335784
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 13.1 0.0 33.6





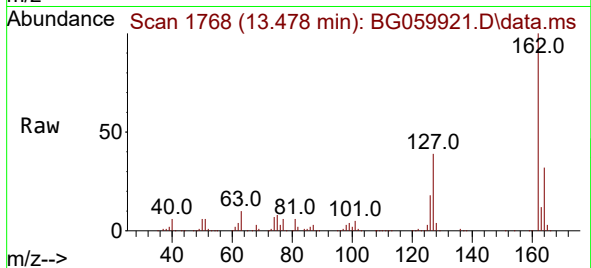
#47
2-Chloronaphthalene
Concen: 42.687 ng
RT: 13.478 min Scan# 1769
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



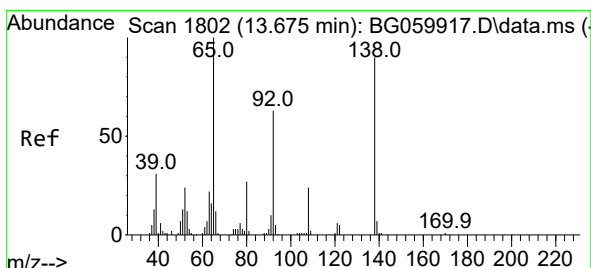
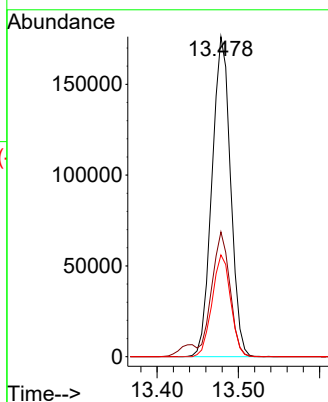
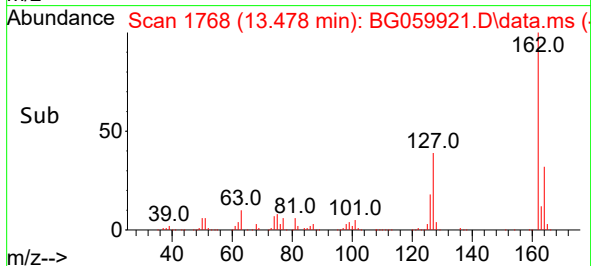
Tgt Ion:162 Resp: 280208
Ion Ratio Lower Upper
162 100
127 39.0 30.8 46.2
164 31.8 25.4 38.2

Manual Integrations

APPROVED

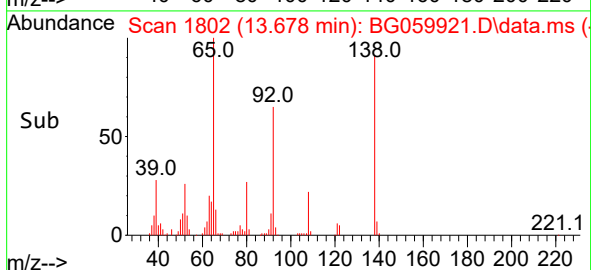
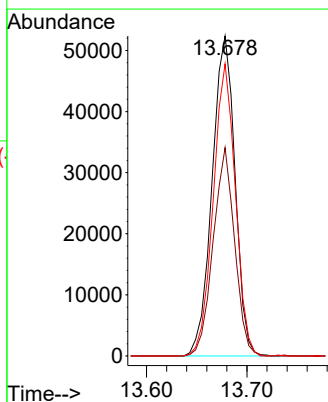
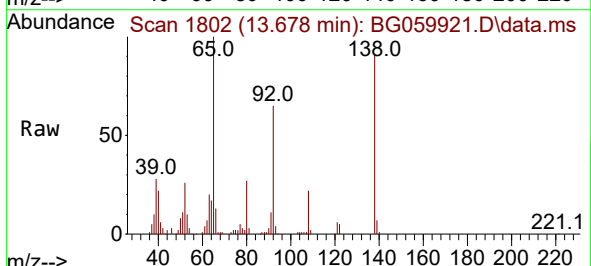
Reviewed By :Yogesh Patel 12/01/2023

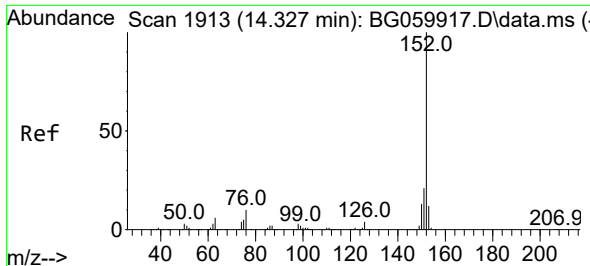
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 47.906 ng
RT: 13.678 min Scan# 1802
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion: 65 Resp: 83016
Ion Ratio Lower Upper
65 100
92 65.1 50.7 76.1
138 91.3 71.9 107.9





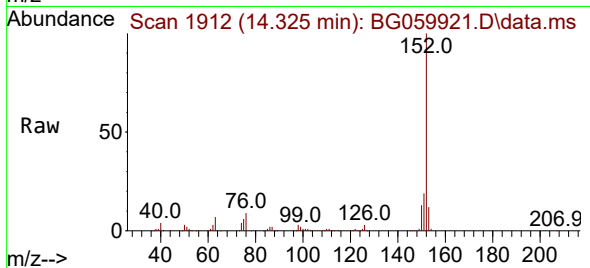
#49
Acenaphthylene
Concen: 41.543 ng
RT: 14.325 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

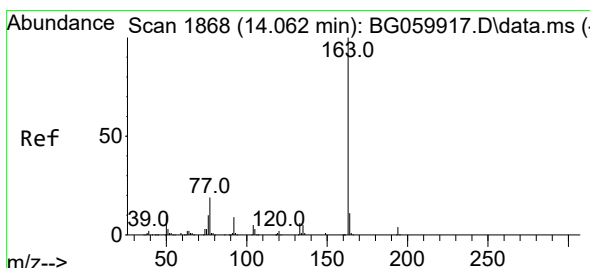
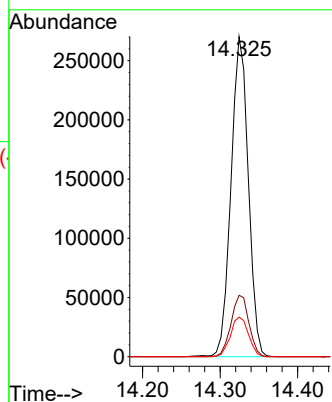
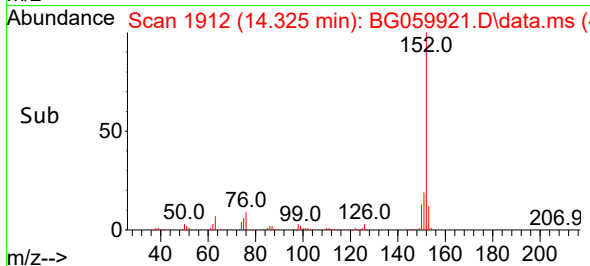


Tgt Ion:152 Resp: 418860
Ion Ratio Lower Upper
152 100
151 19.2 16.6 24.8
153 12.3 9.7 14.5

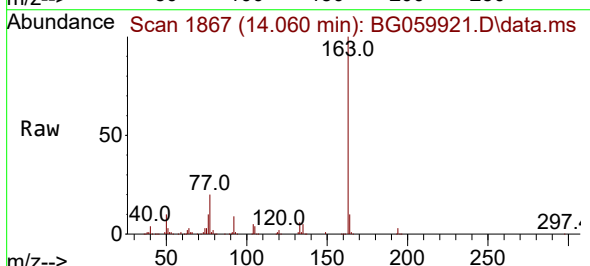
Manual Integrations

APPROVED

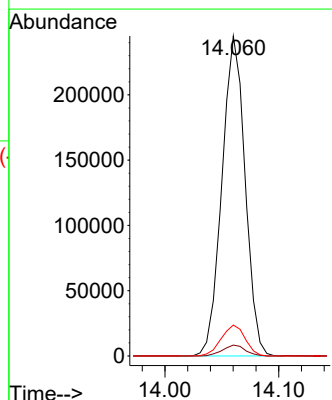
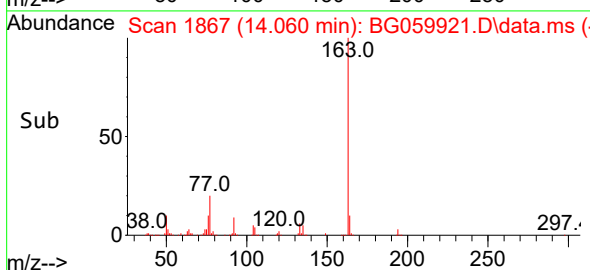
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

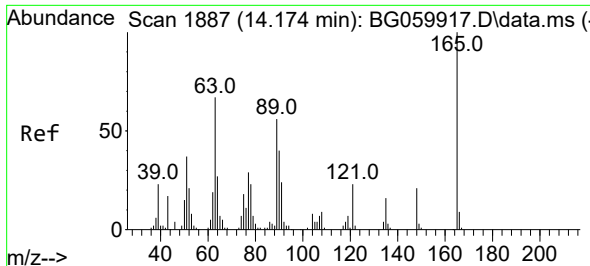


#50
Dimethylphthalate
Concen: 40.874 ng
RT: 14.060 min Scan# 1867
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:163 Resp: 347083
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.805 ng
RT: 14.172 min Scan# 1887
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

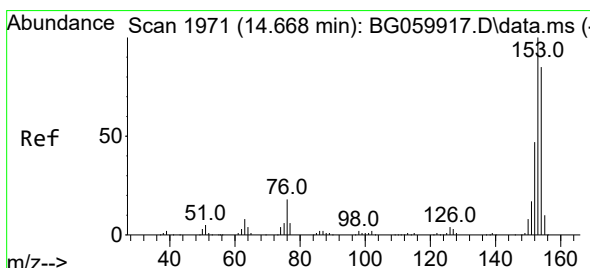
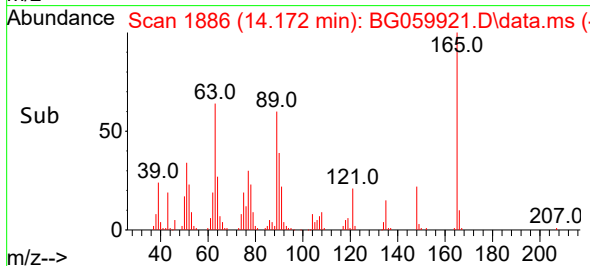
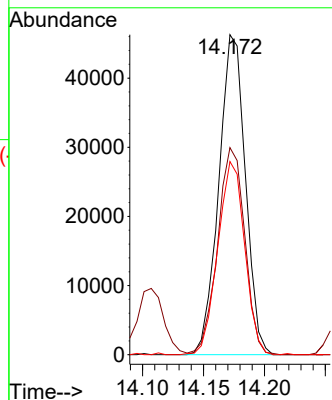
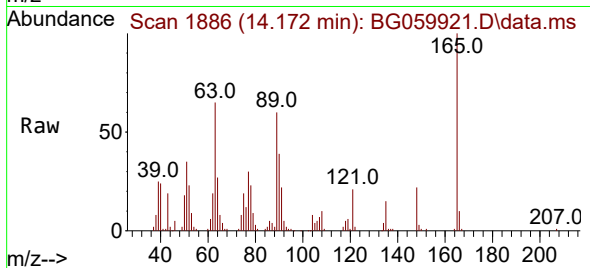
ICVBG113023

Tgt Ion:165 Resp: 7021
Ion Ratio Lower Upper
165 100
63 64.7 54.3 81.5
89 60.4 45.1 67.7

Manual Integrations

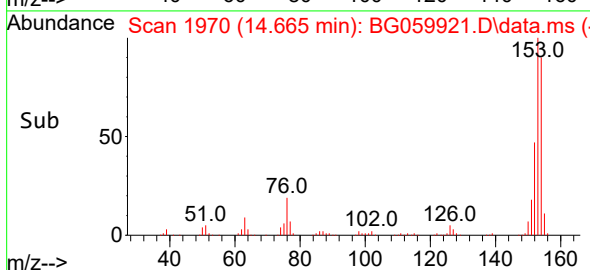
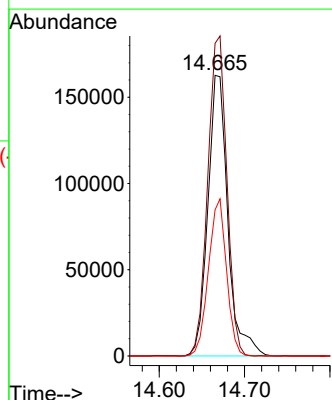
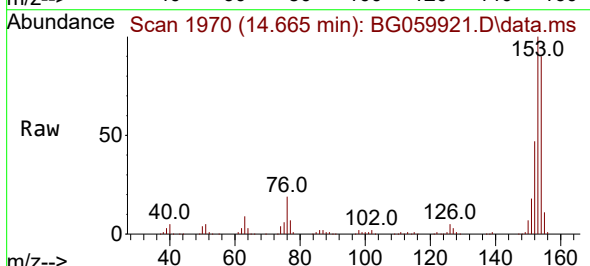
APPROVED

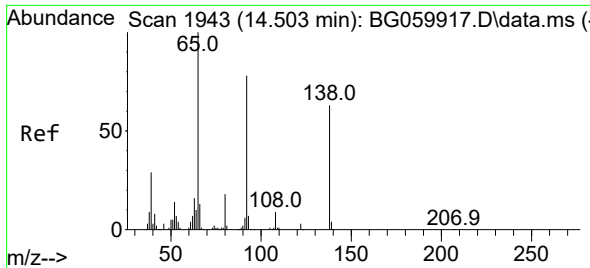
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 42.385 ng
RT: 14.665 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:154 Resp: 265483
Ion Ratio Lower Upper
154 100
153 111.4 94.6 142.0
152 52.1 44.6 66.8





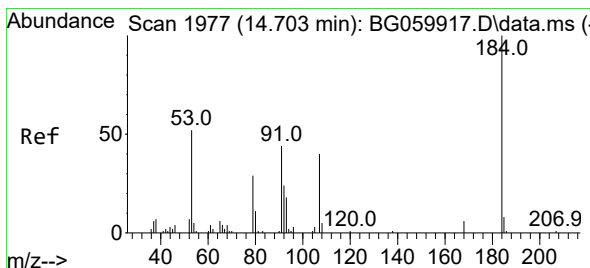
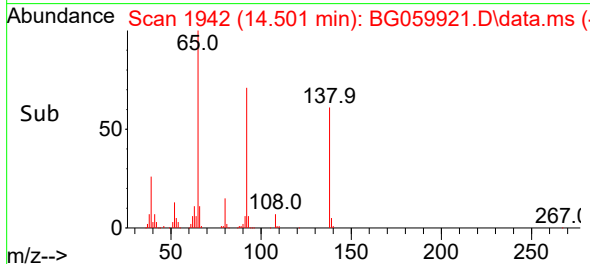
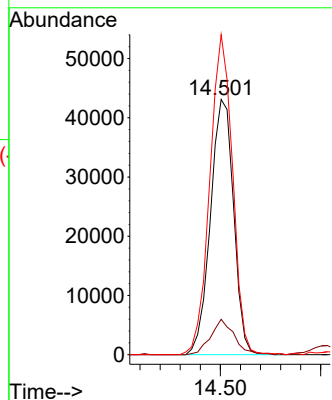
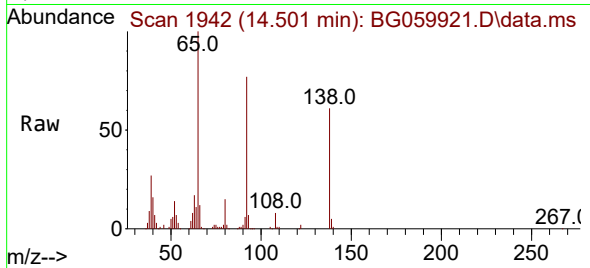
#53
3-Nitroaniline
Concen: 46.600 ng
RT: 14.501 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :
BNA_G
ClientSampleId :
ICVBG113023

Tgt Ion:138 Resp: 69084
Ion Ratio Lower Upper
138 100
108 13.8 10.9 16.3
92 125.4 99.0 148.4

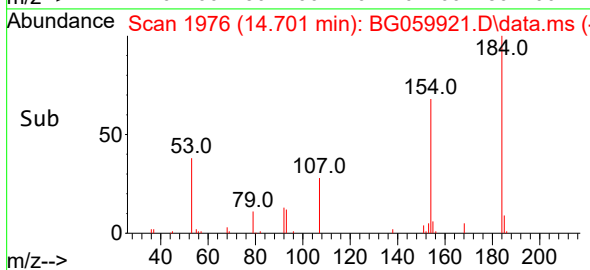
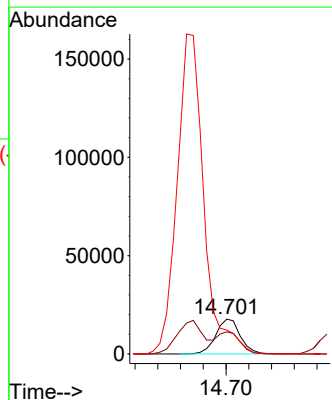
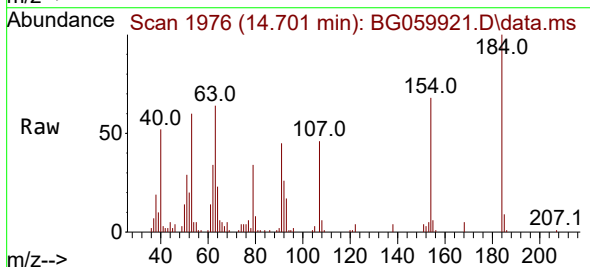
Manual Integrations
APPROVED

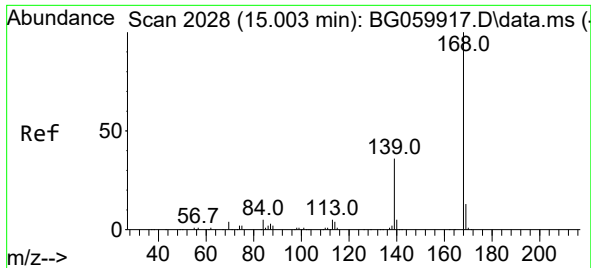
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 42.170 ng
RT: 14.701 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:184 Resp: 26516
Ion Ratio Lower Upper
184 100
63 63.5 51.4 77.2
154 68.3 52.2 78.4





#55
Dibenzenofuran
Concen: 41.549 ng
RT: 15.000 min Scan# 2028
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

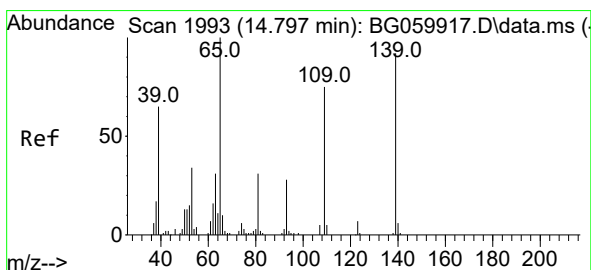
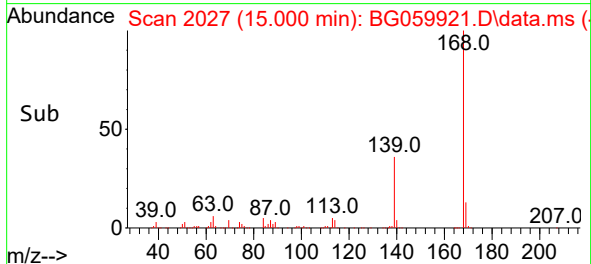
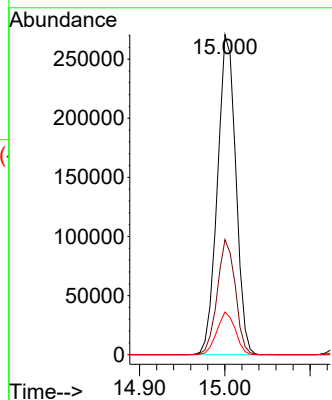
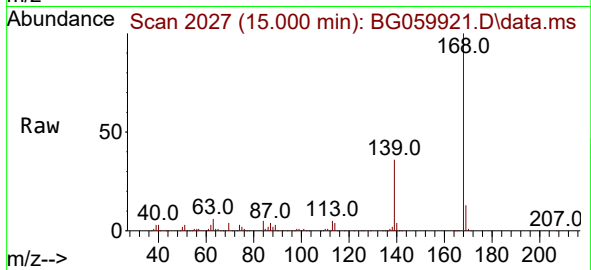
ClientSampleId :

ICVBG113023

Tgt Ion:168 Resp: 40499
Ion Ratio Lower Upper
168 100
139 36.0 29.0 43.4
169 13.3 10.4 15.6

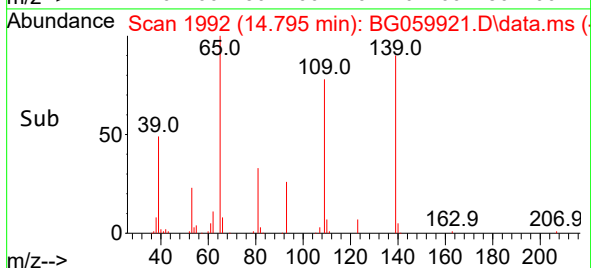
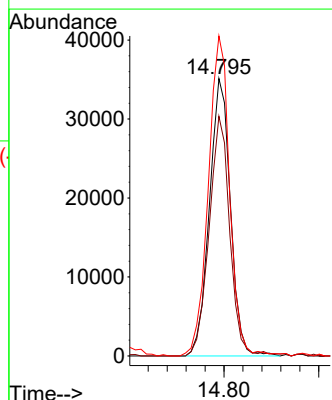
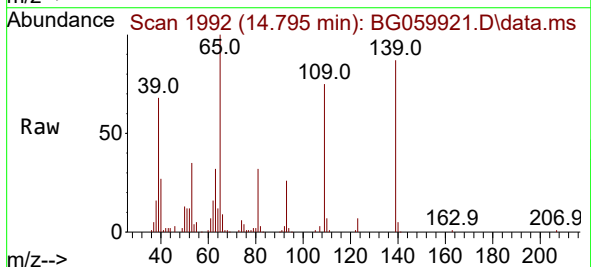
Manual Integrations
APPROVED

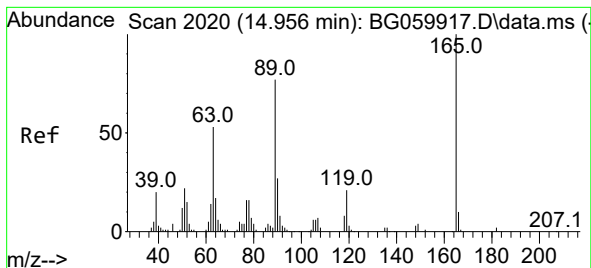
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 44.889 ng
RT: 14.795 min Scan# 1992
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:139 Resp: 54120
Ion Ratio Lower Upper
139 100
109 86.4 61.6 101.6
65 115.3 88.7 128.7





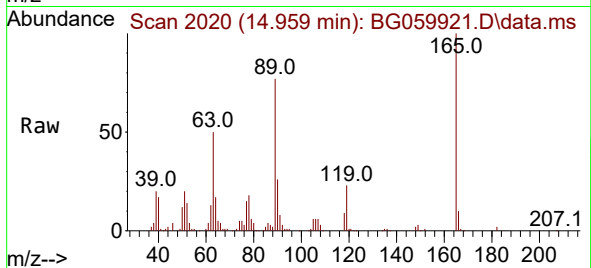
#57
2,4-Dinitrotoluene
Concen: 43.330 ng
RT: 14.959 min Scan# 2020
Delta R.T. 0.003 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

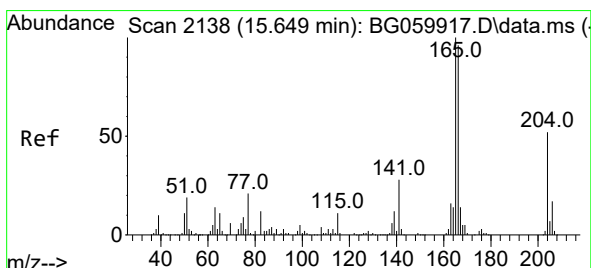
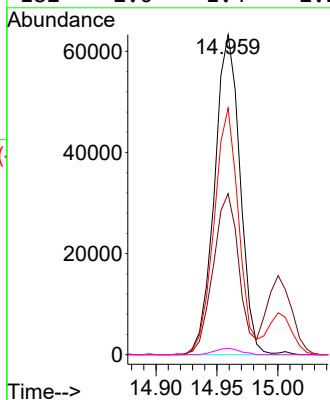
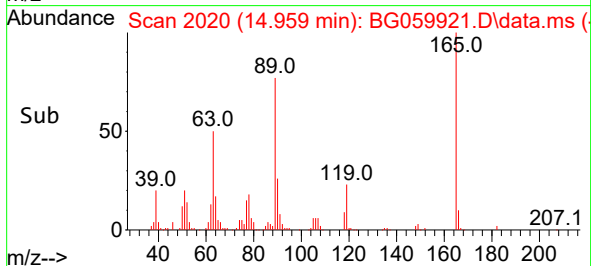


Tgt Ion:165 Resp: 9210
Ion Ratio Lower Upper
165 100
63 50.3 42.8 64.2
89 77.1 61.8 92.8
182 2.0 1.4 2.2

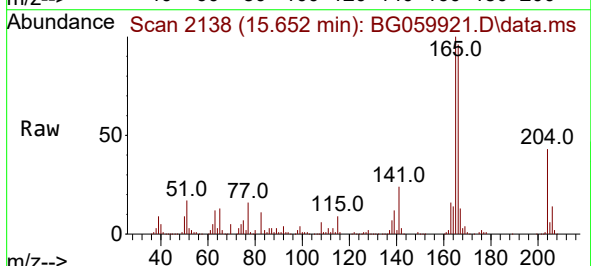
Manual Integrations

APPROVED

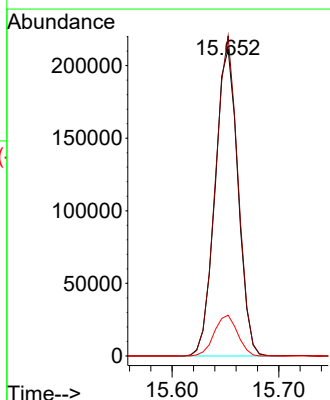
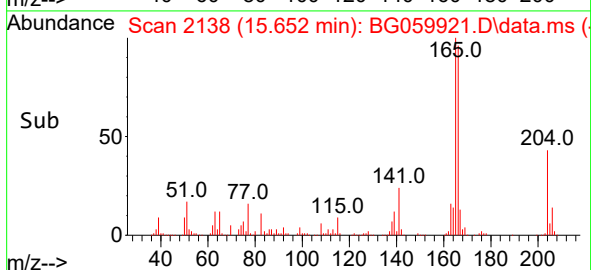
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

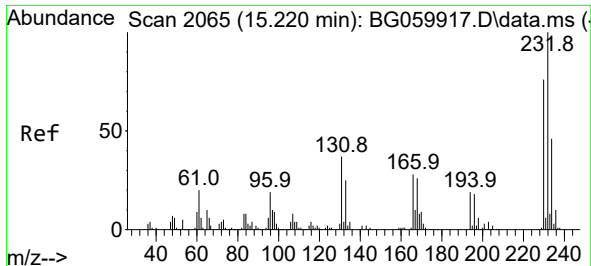


#58
Fluorene
Concen: 39.943 ng
RT: 15.652 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:166 Resp: 315682
Ion Ratio Lower Upper
166 100
165 104.3 83.0 124.6
167 13.3 11.3 16.9





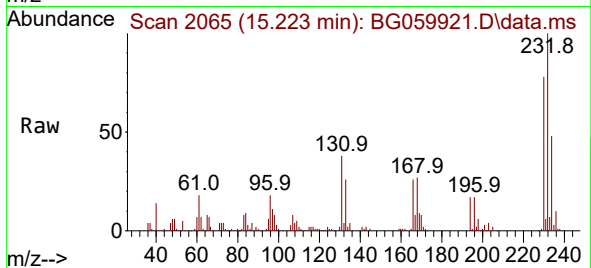
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng m
RT: 15.223 min Scan# 2065
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

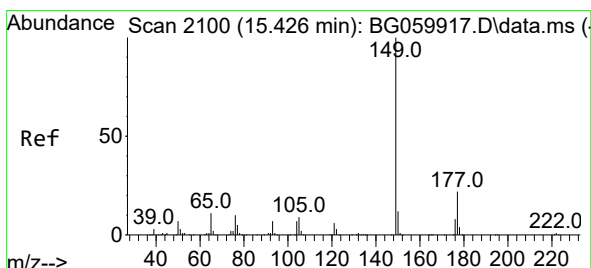
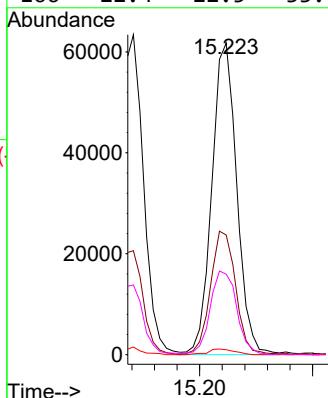
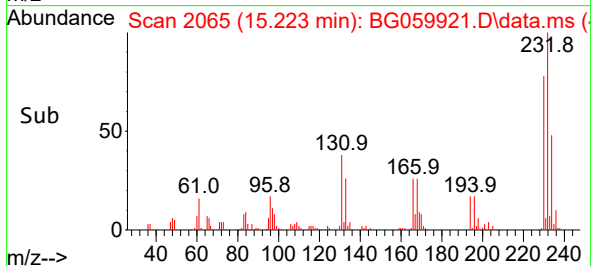


Tgt Ion:232 Resp: 94808
Ion Ratio Lower Upper
232 100
131 33.9 31.0 46.6
130 2.1 2.0 3.0
166 22.4 22.5 33.7#

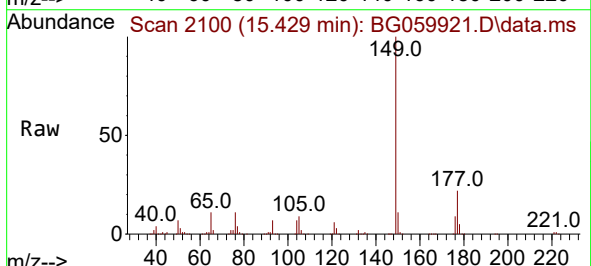
Manual Integrations

APPROVED

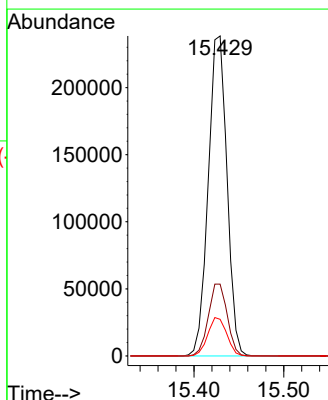
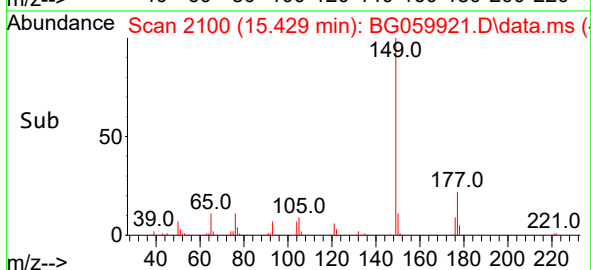
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

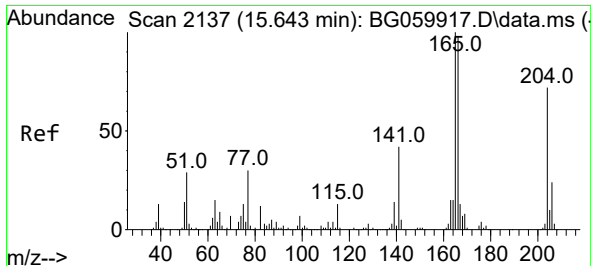


#60
Diethylphthalate
Concen: 40.352 ng
RT: 15.429 min Scan# 2100
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:149 Resp: 345550
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 11.5 9.6 14.4





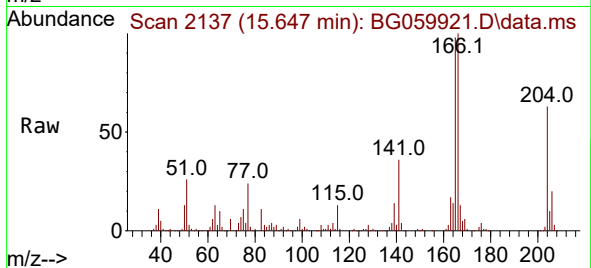
#61
4-Chlorophenyl-phenylether
Concen: 40.660 ng
RT: 15.647 min Scan# 2137
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

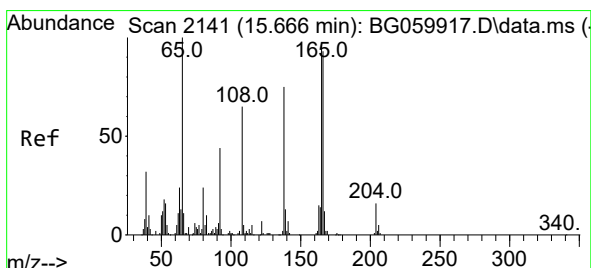
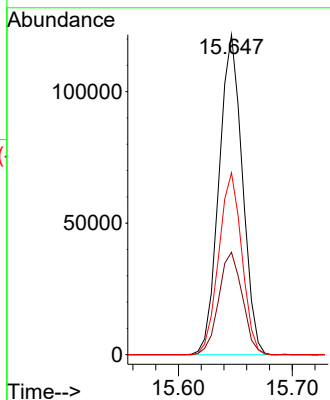
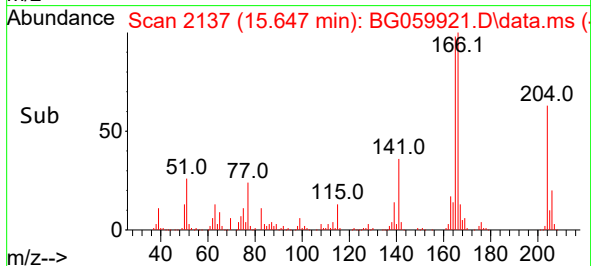


Tgt Ion:204 Resp: 173350
Ion Ratio Lower Upper
204 100
206 32.0 26.6 39.8
141 56.8 46.4 69.6

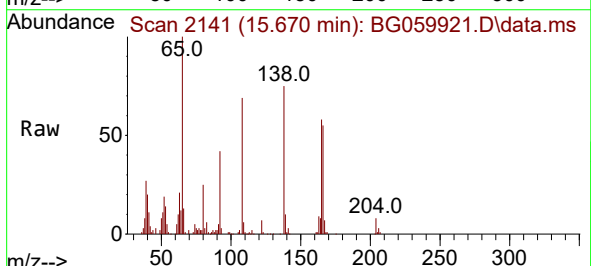
Manual Integrations

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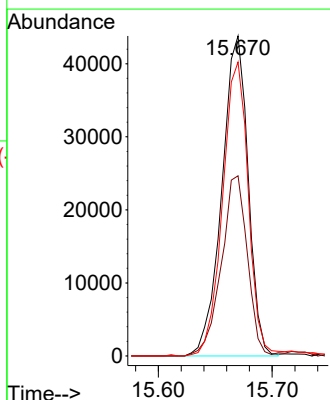
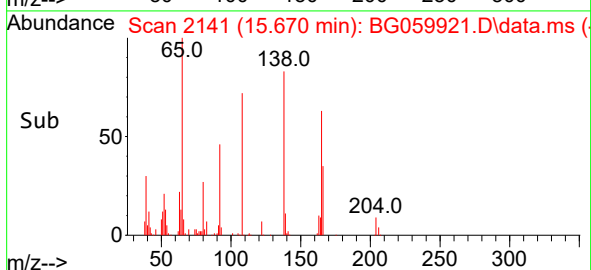
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

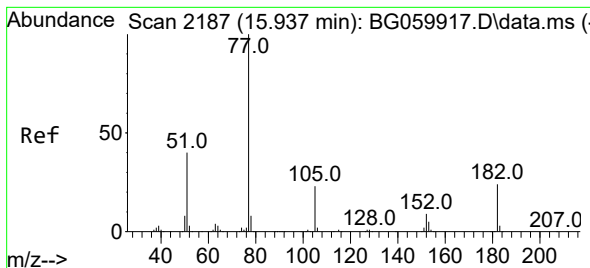


#62
4-Nitroaniline
Concen: 44.338 ng
RT: 15.670 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:138 Resp: 70354
Ion Ratio Lower Upper
138 100
92 56.3 37.8 77.8
108 91.9 66.9 106.9





#63

Azobenzene

Concen: 41.230 ng

RT: 15.940 min Scan# 2187

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Tgt Ion: 77 Resp: 33188

Ion Ratio Lower Upper

77 100

182 25.7 4.2 44.2

105 22.4 2.5 42.5

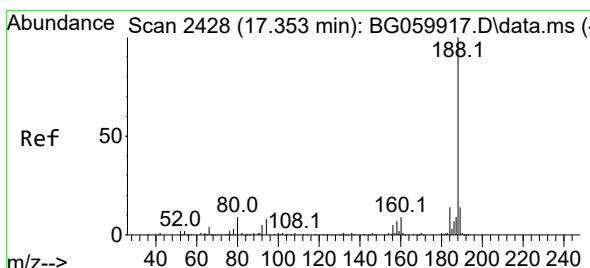
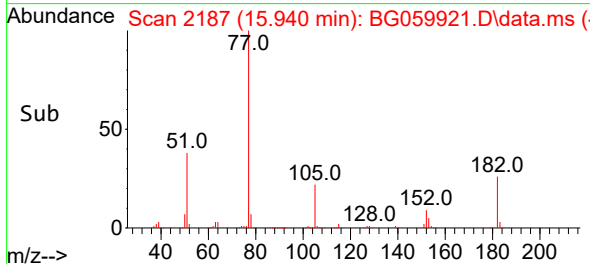
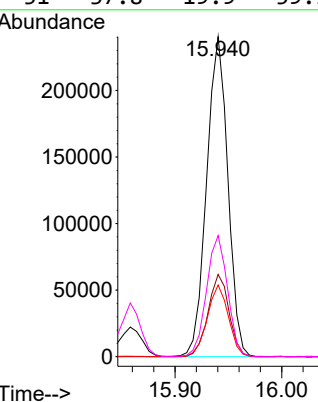
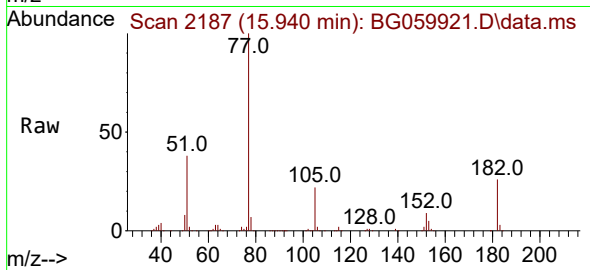
51 37.8 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.350 min Scan# 2427

Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

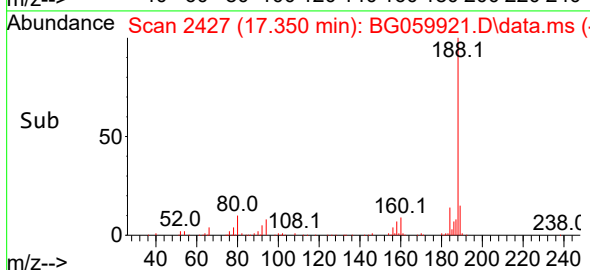
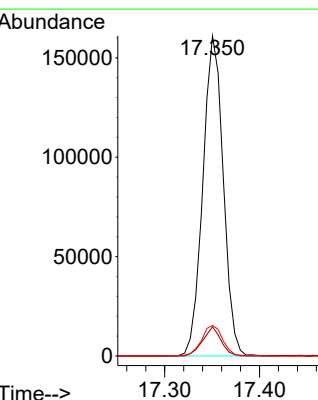
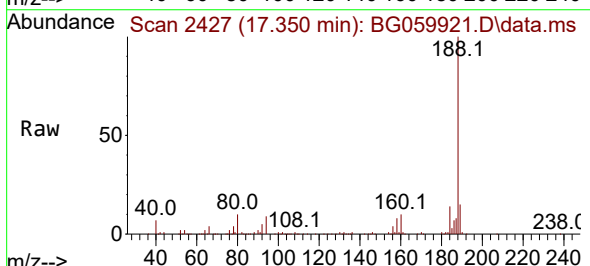
Tgt Ion:188 Resp: 240791

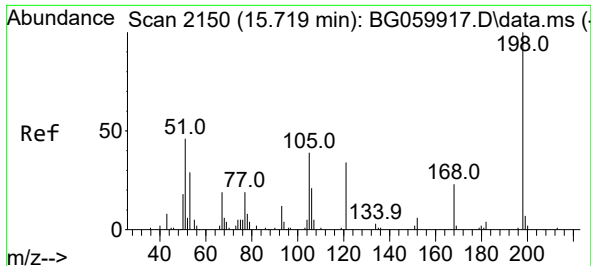
Ion Ratio Lower Upper

188 100

94 9.1 6.4 9.6

80 9.5 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.101 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

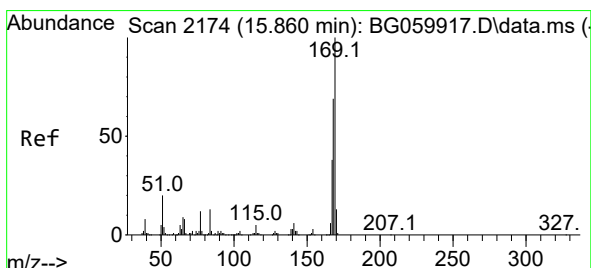
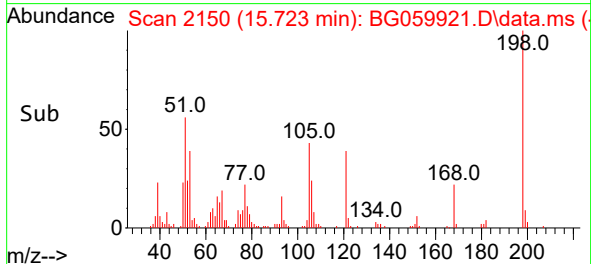
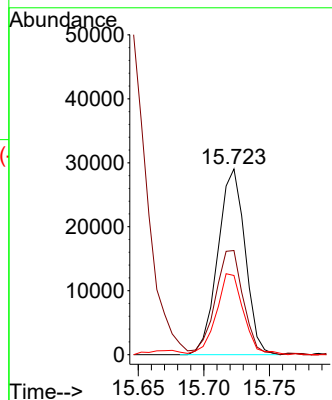
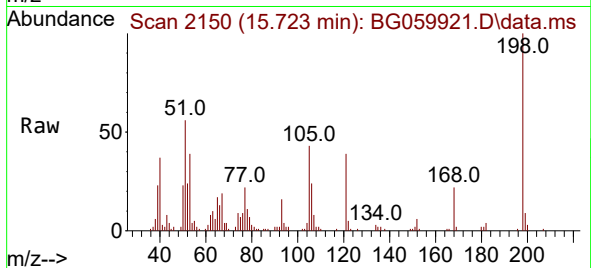
ICVBG113023

Tgt Ion:198 Resp: 41879
Ion Ratio Lower Upper
198 100
51 56.1 33.5 73.5
105 42.6 20.6 60.6

Manual Integrations

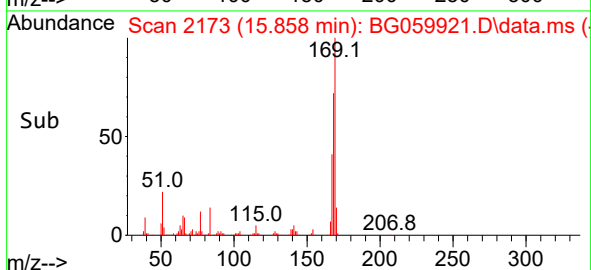
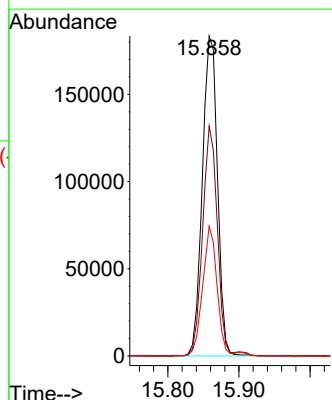
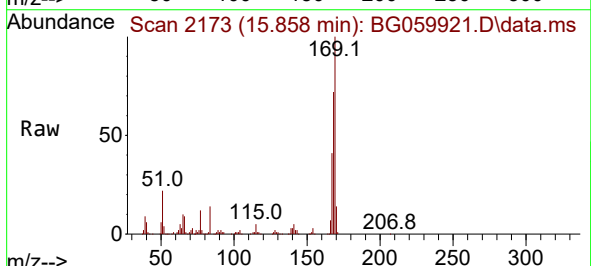
APPROVED

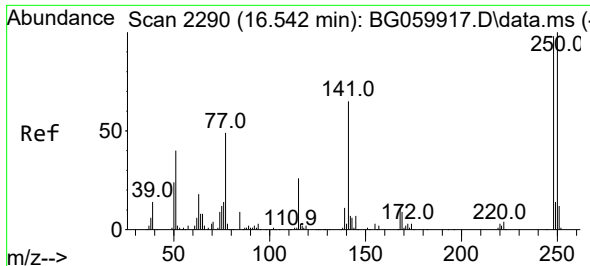
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 42.012 ng
RT: 15.858 min Scan# 2173
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Tgt Ion:169 Resp: 272528
Ion Ratio Lower Upper
169 100
168 71.9 55.3 82.9
167 40.6 30.8 46.2





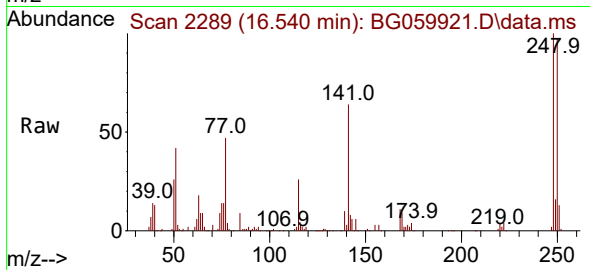
#67
4-Bromophenyl-phenylether
Concen: 42.550 ng
RT: 16.540 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

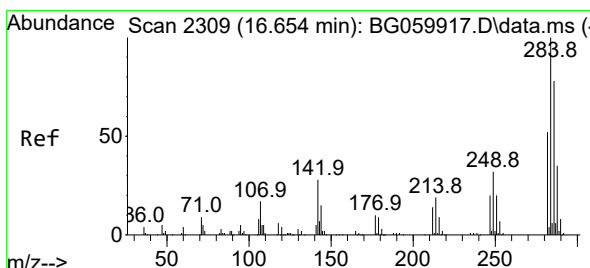
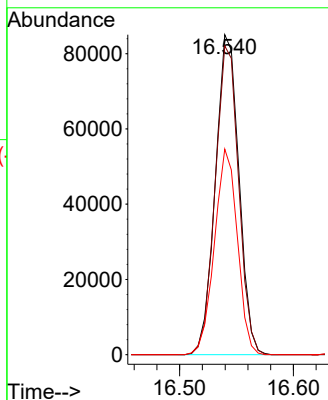
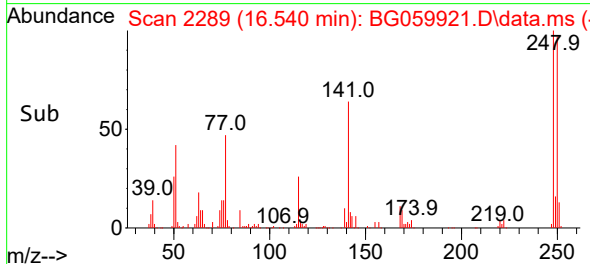


Tgt Ion:248 Resp: 122372
Ion Ratio Lower Upper
248 100
250 96.5 81.6 122.4
141 64.2 53.0 79.4

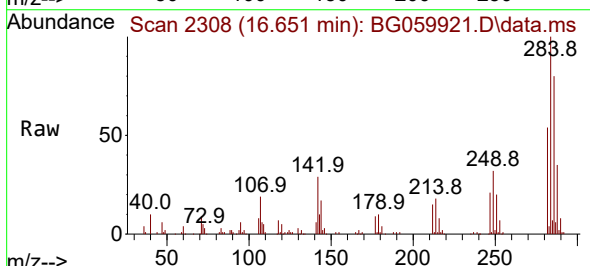
Manual Integrations

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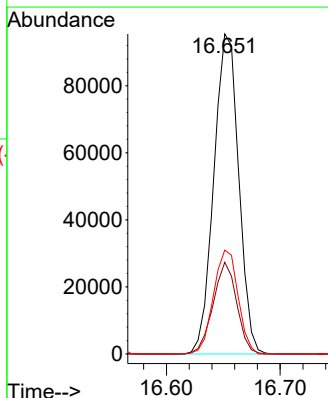
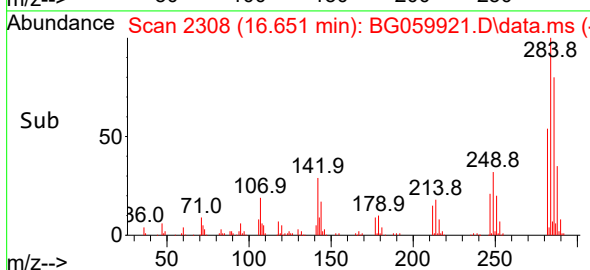
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

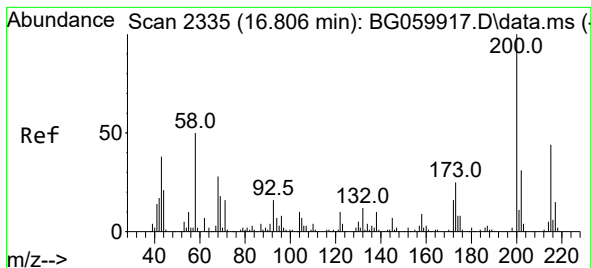


#68
Hexachlorobenzene
Concen: 42.353 ng
RT: 16.651 min Scan# 2308
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:284 Resp: 144900
Ion Ratio Lower Upper
284 100
142 28.7 22.2 33.2
249 32.4 25.4 38.2





#69

Atrazine

Concen: 39.820 ng

RT: 16.810 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

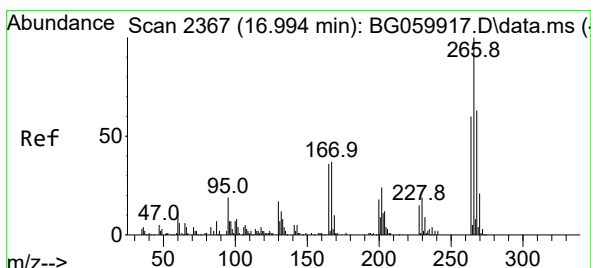
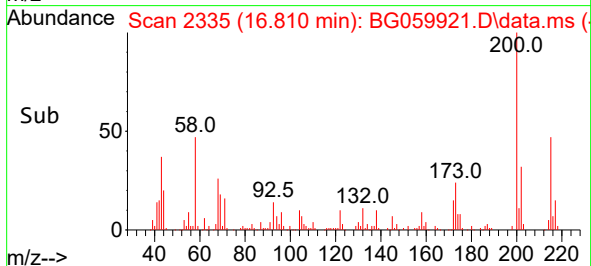
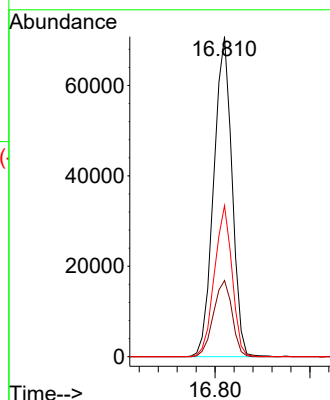
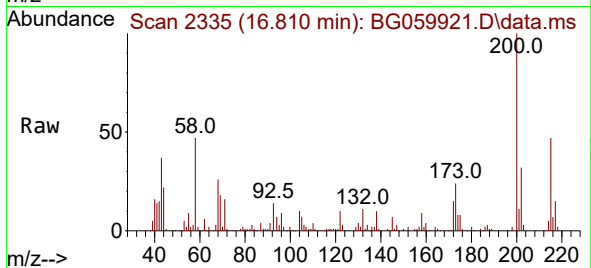
Tgt Ion:200 Resp: 94714
 Ion Ratio Lower Upper
 200 100
 173 23.8 5.1 45.1
 215 47.2 23.7 63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 45.018 ng

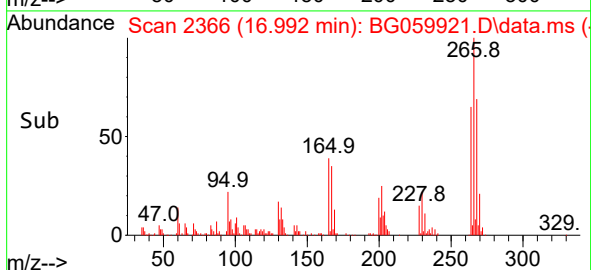
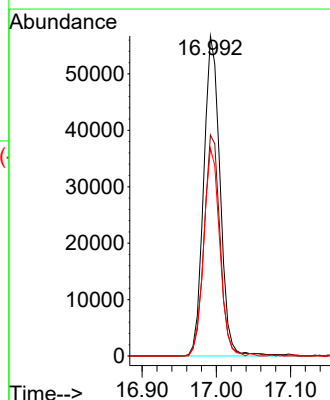
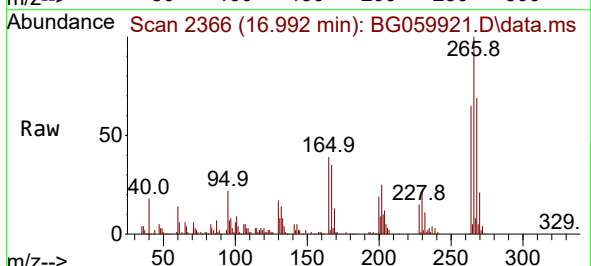
RT: 16.992 min Scan# 2366

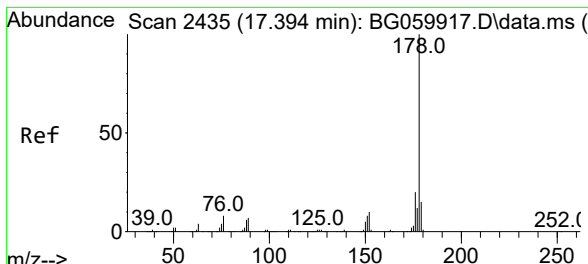
Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Tgt Ion:266 Resp: 87122
 Ion Ratio Lower Upper
 266 100
 268 69.0 50.5 75.7
 264 64.9 48.2 72.4





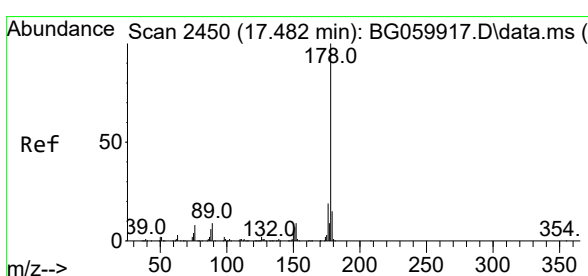
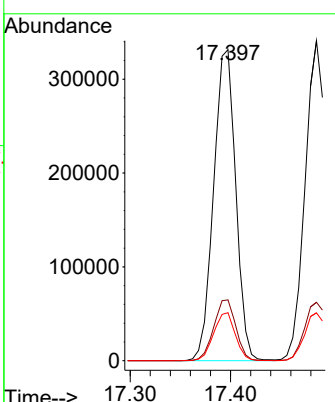
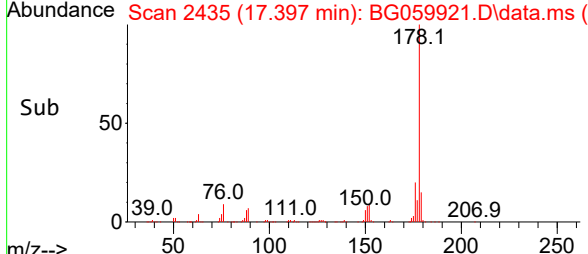
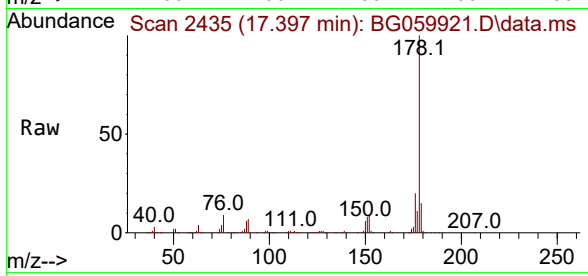
#71
 Phenanthrene
 Concen: 41.480 ng
 RT: 17.397 min Scan# 2435
 Delta R.T. 0.004 min
 Lab File: BG059921.D
 Acq: 30 Nov 2023 22:40

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG113023

Tgt Ion:178 Resp: 506718

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	15.4	11.7	17.5

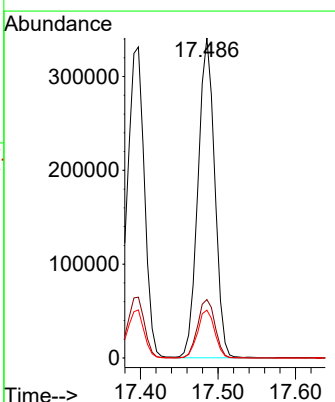
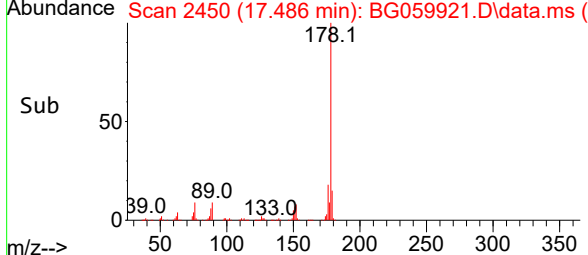
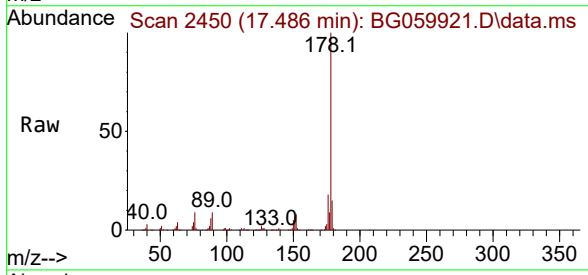
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

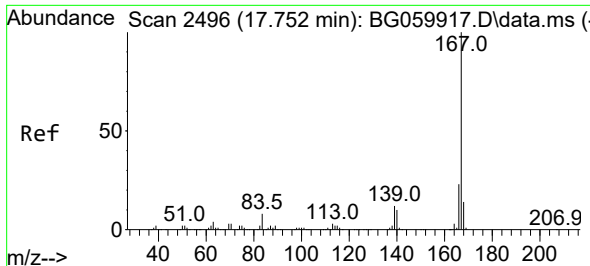


#72
 Anthracene
 Concen: 41.421 ng
 RT: 17.486 min Scan# 2450
 Delta R.T. 0.004 min
 Lab File: BG059921.D
 Acq: 30 Nov 2023 22:40

Tgt Ion:178 Resp: 510417

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	14.9	12.3	18.5





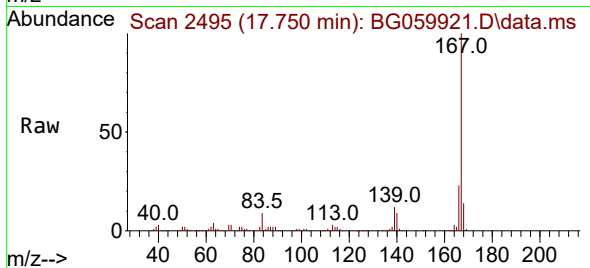
#73
 Carbazole
 Concen: 40.636 ng
 RT: 17.750 min Scan# 2496
 Delta R.T. -0.002 min
 Lab File: BG059921.D
 Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

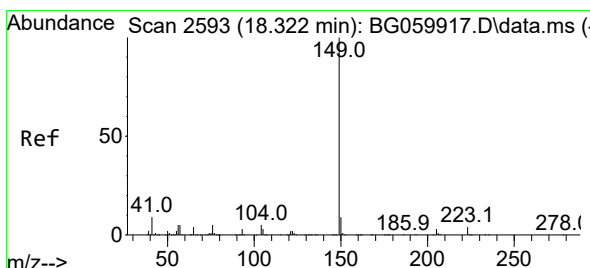
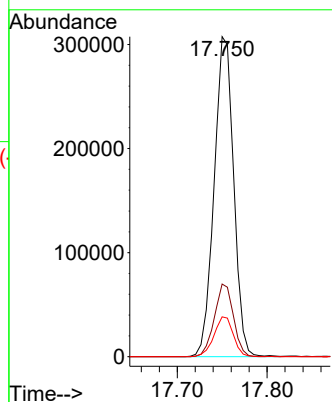
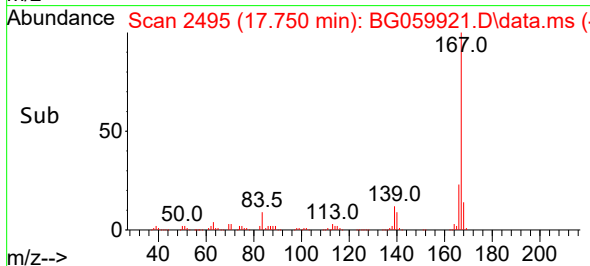


Tgt Ion:167 Resp: 464270
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.4 9.5 14.3

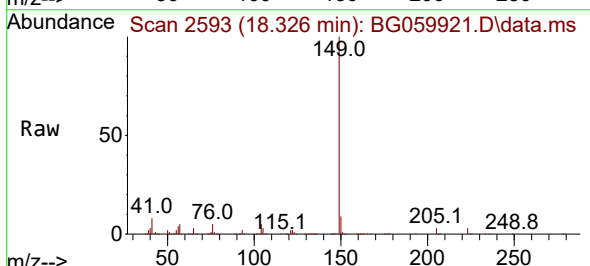
Manual Integrations

APPROVED

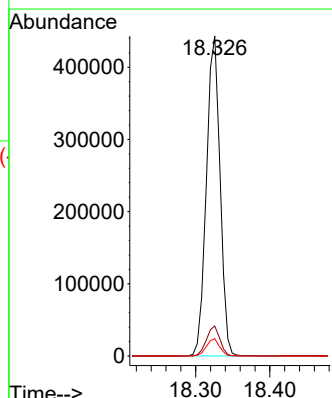
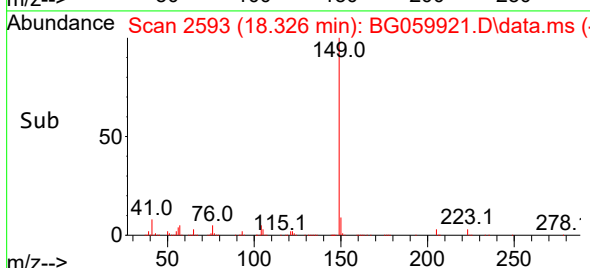
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

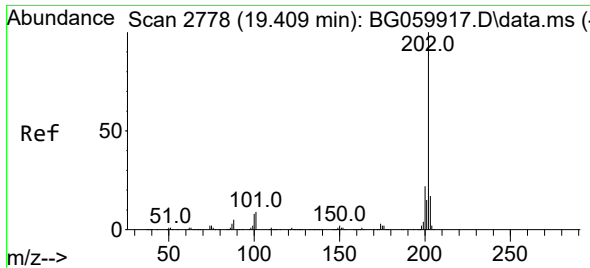


#74
 Di-n-butylphthalate
 Concen: 40.813 ng
 RT: 18.326 min Scan# 2593
 Delta R.T. 0.004 min
 Lab File: BG059921.D
 Acq: 30 Nov 2023 22:40



Tgt Ion:149 Resp: 567930
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.4 3.9 5.9





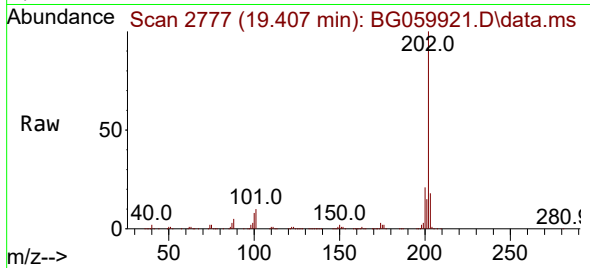
#75
Fluoranthene
Concen: 40.459 ng
RT: 19.407 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

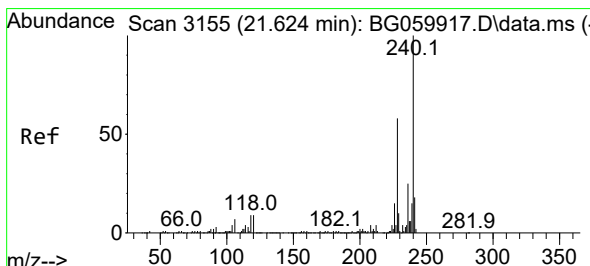
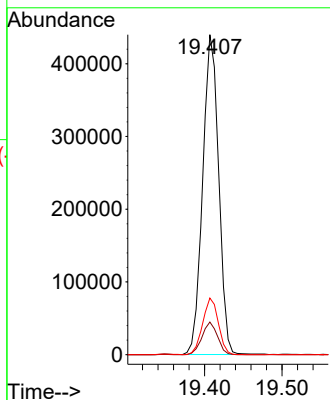
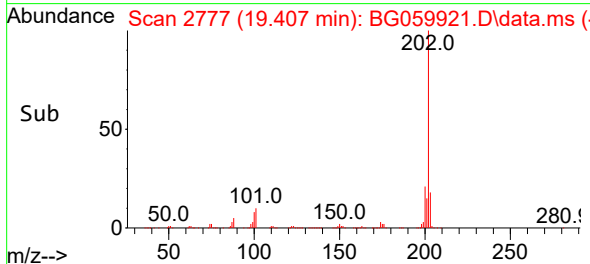


Tgt Ion:202 Resp: 62911
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.5
203 17.7 0.0 37.4

Manual Integrations

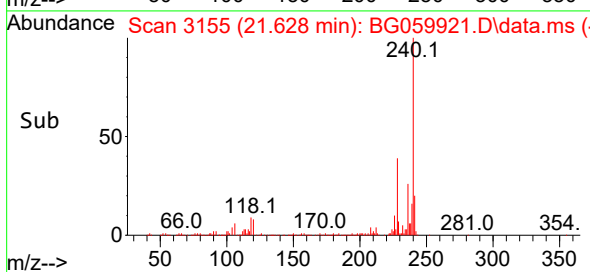
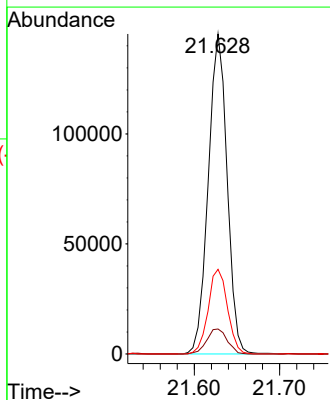
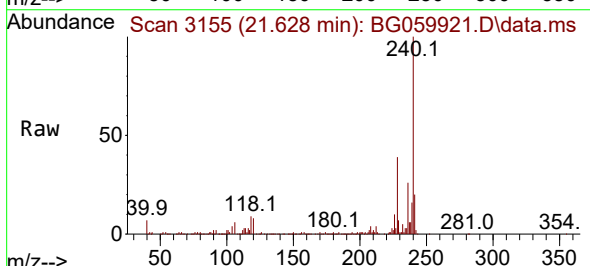
APPROVED

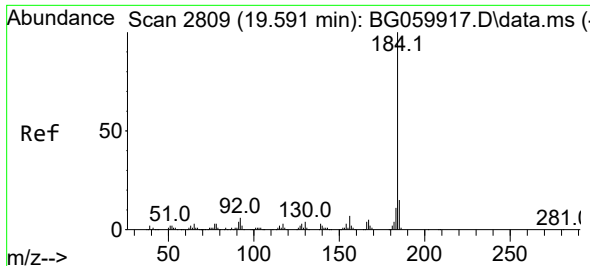
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3155
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

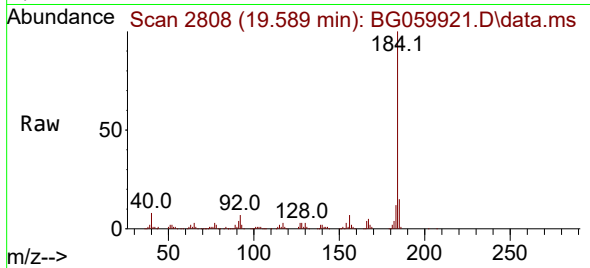
Tgt Ion:240 Resp: 223057
Ion Ratio Lower Upper
240 100
120 7.8 7.6 11.4
236 26.4 20.0 30.0





#77
Benzidine
Concen: 45.354 ng
RT: 19.589 min Scan# 2808
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

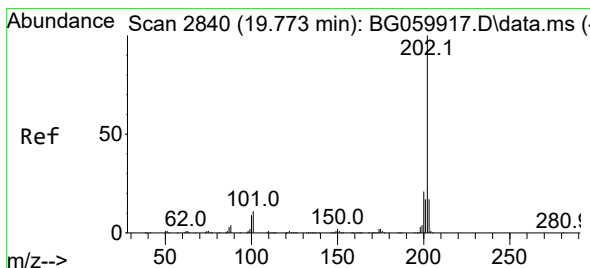
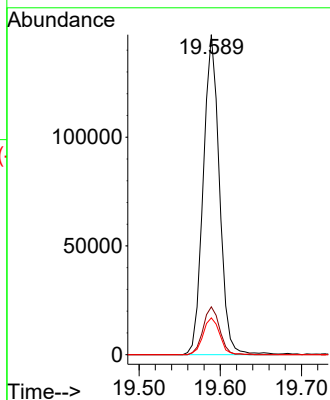
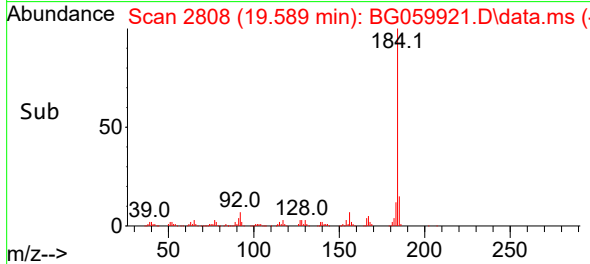
Instrument :
BNA_G
ClientSampleId :
ICVBG113023



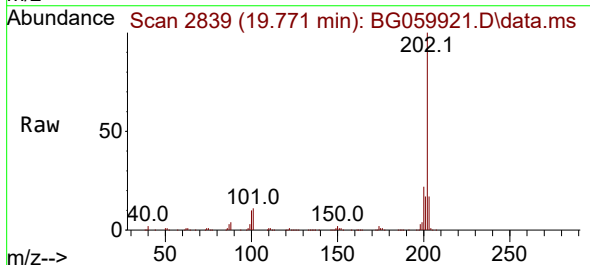
Tgt Ion:184 Resp: 20306
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.5 9.0 13.4

Manual Integrations
APPROVED

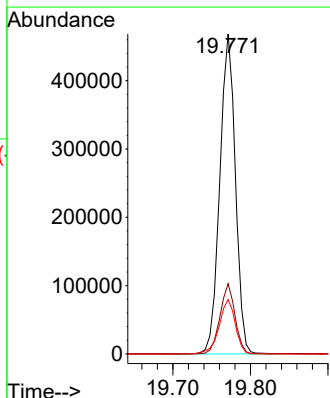
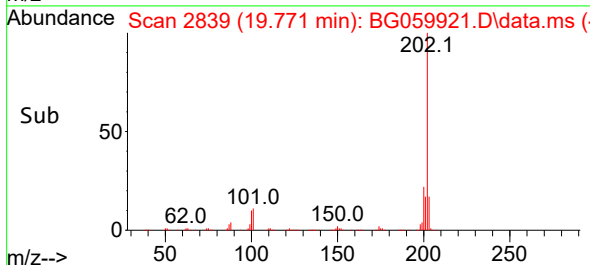
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

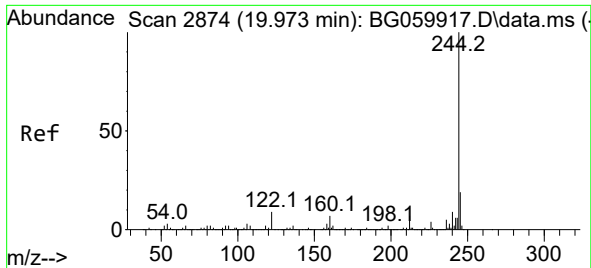


#78
Pyrene
Concen: 41.272 ng
RT: 19.771 min Scan# 2839
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:202 Resp: 656638
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 17.0 13.3 19.9





#79
 Terphenyl-d14
 Concen: 80.809 ng
 RT: 19.977 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG059921.D
 Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

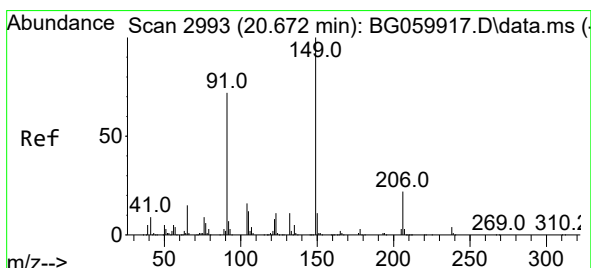
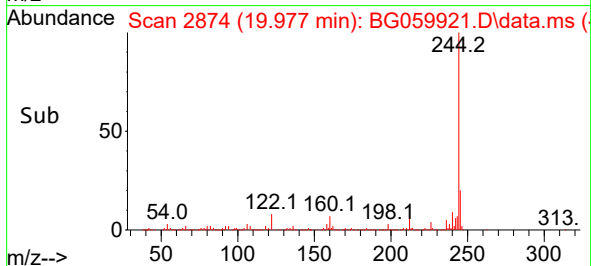
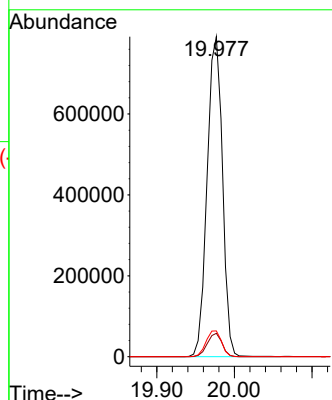
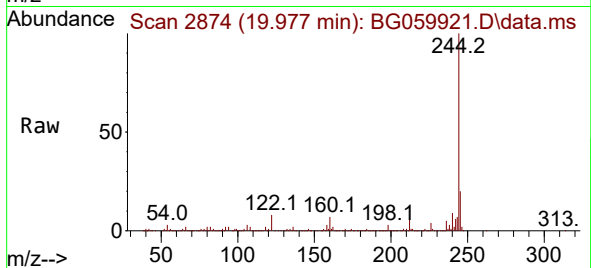
ICVBG113023

Tgt Ion:244 Resp: 108398
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 8.1 6.9 10.3

Manual Integrations

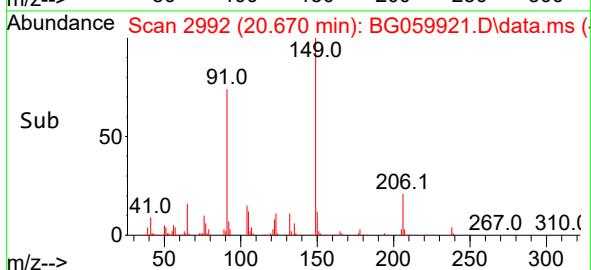
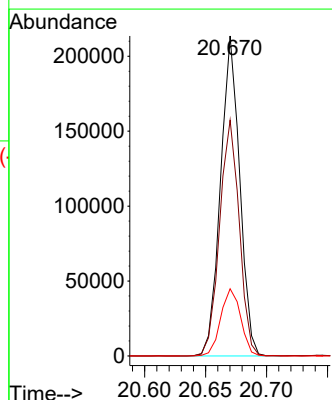
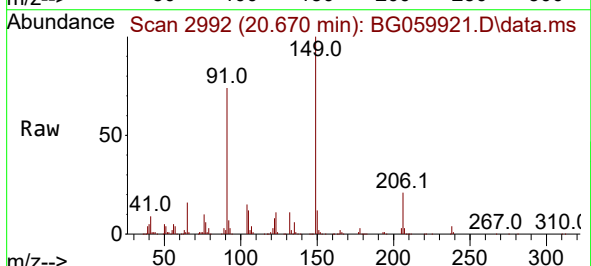
APPROVED

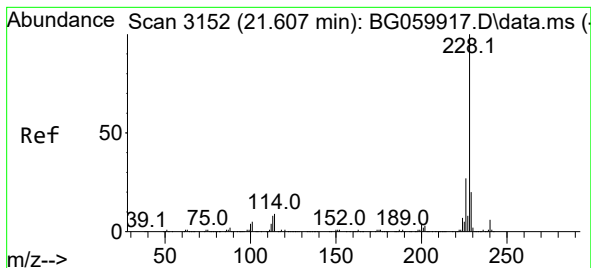
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#80
 Butylbenzylphthalate
 Concen: 41.625 ng
 RT: 20.670 min Scan# 2992
 Delta R.T. -0.002 min
 Lab File: BG059921.D
 Acq: 30 Nov 2023 22:40

Tgt Ion:149 Resp: 234499
 Ion Ratio Lower Upper
 149 100
 91 73.7 57.9 86.9
 206 21.0 17.7 26.5





#81

Benzo(a)anthracene

Concen: 41.661 ng

RT: 21.610 min Scan# 3152

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Tgt Ion:228 Resp: 647990

Ion Ratio Lower Upper

228 100

226 26.1 21.4 32.0

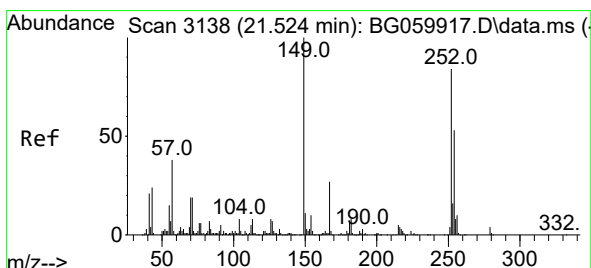
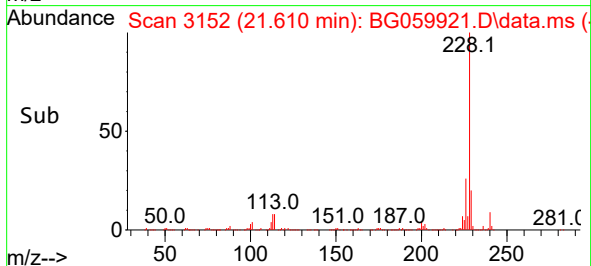
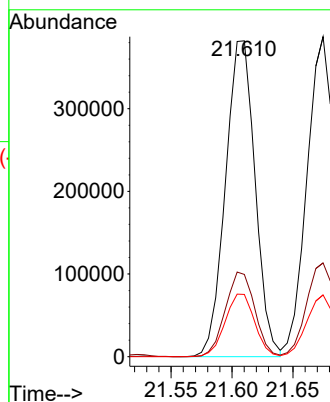
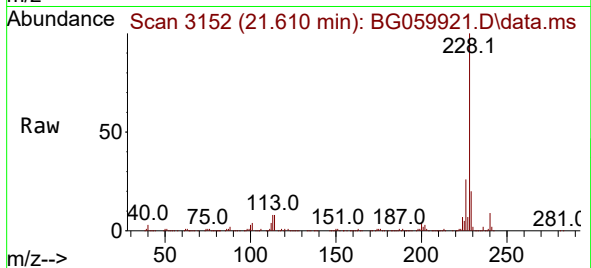
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.294 ng

RT: 21.522 min Scan# 3137

Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

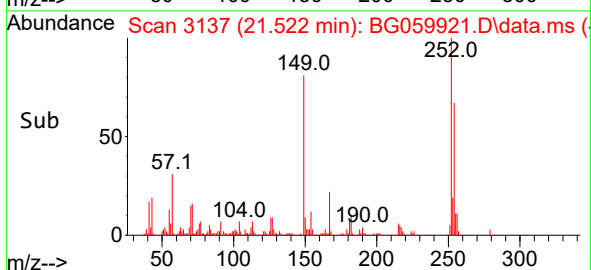
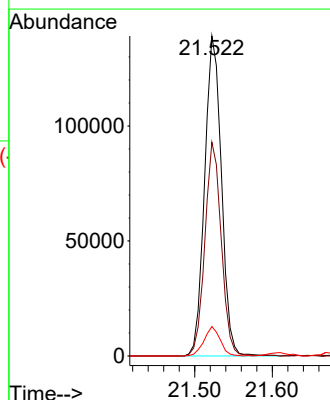
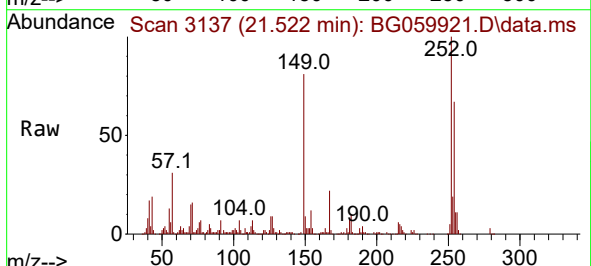
Tgt Ion:252 Resp: 209253

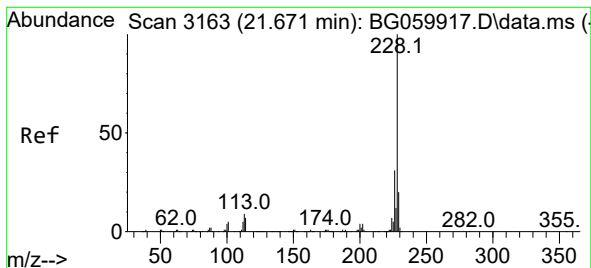
Ion Ratio Lower Upper

252 100

254 66.8 50.2 75.2

126 9.2 7.4 11.0





#83

Chrysene

Concen: 41.632 ng

RT: 21.675 min Scan# 3163

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Tgt Ion:228 Resp: 61412

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

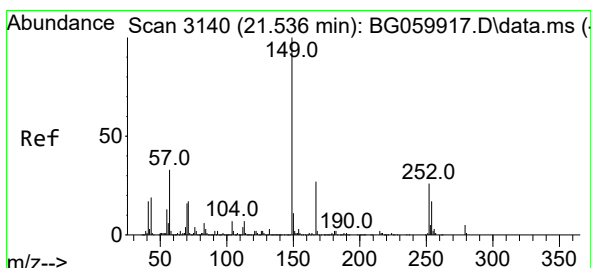
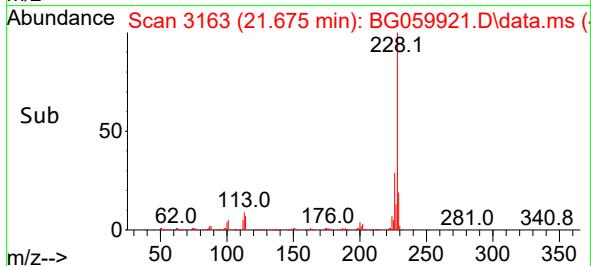
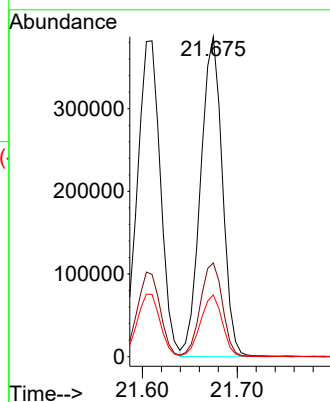
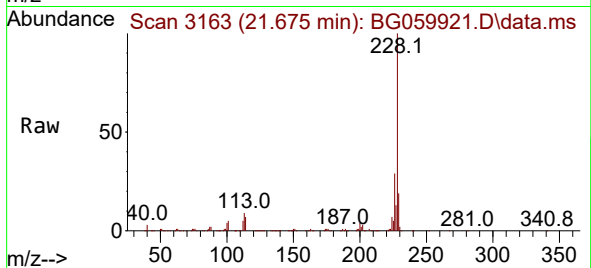
229 19.3 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.342 ng

RT: 21.534 min Scan# 3139

Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

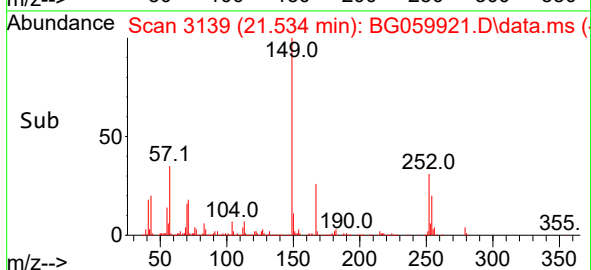
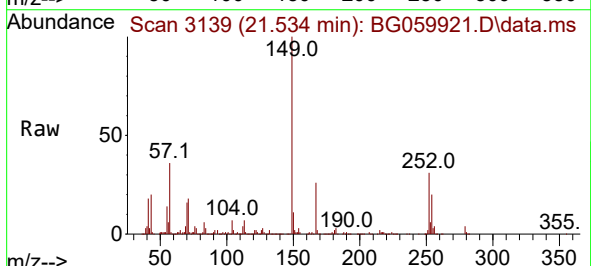
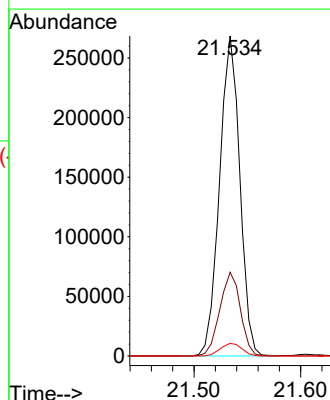
Tgt Ion:149 Resp: 353845

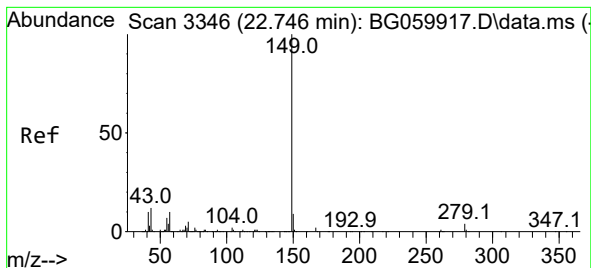
Ion Ratio Lower Upper

149 100

167 26.2 21.7 32.5

279 3.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.733 ng

RT: 22.750 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG059921.D

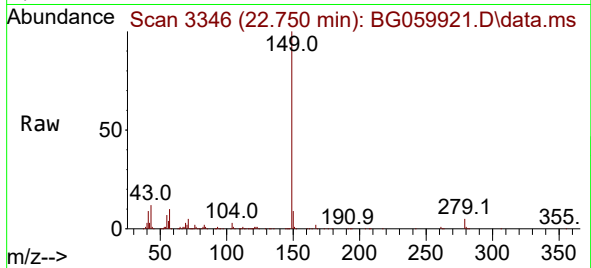
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



Tgt Ion:149 Resp: 613062

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

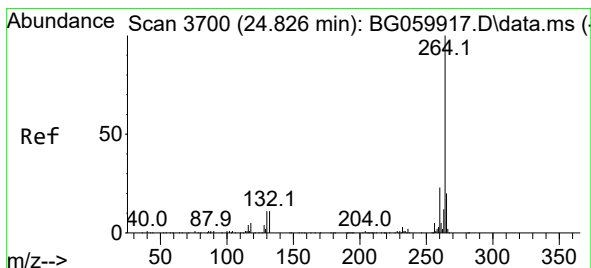
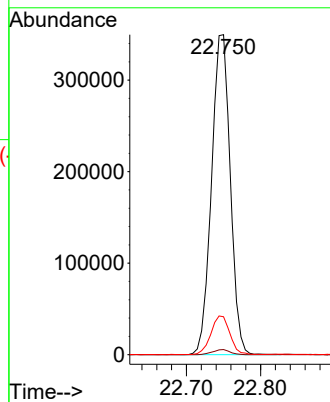
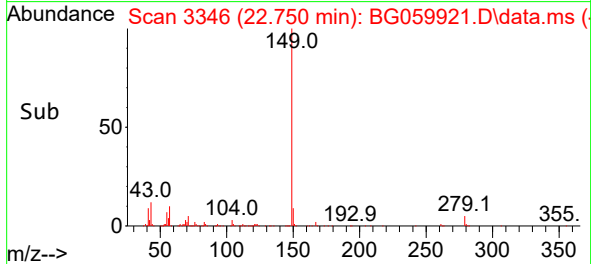
43 12.1 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 3699

Delta R.T. -0.002 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

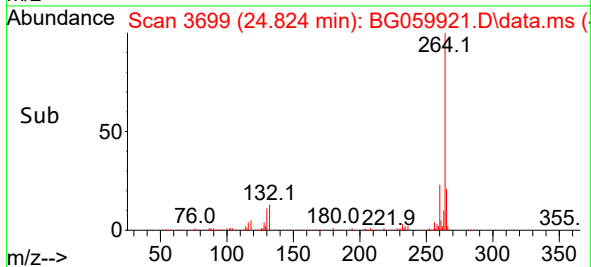
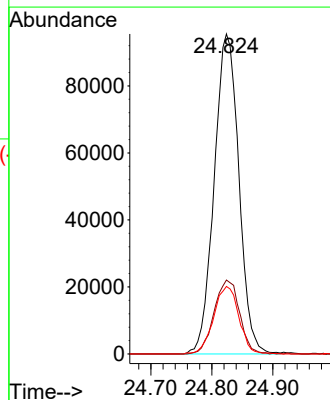
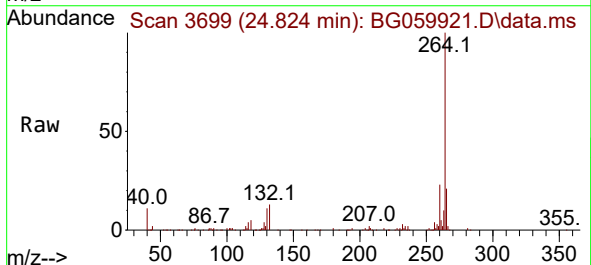
Tgt Ion:264 Resp: 268207

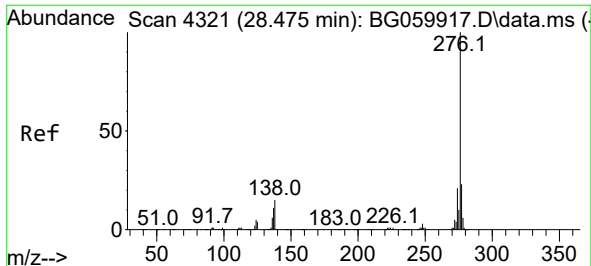
Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.1 16.0 24.0





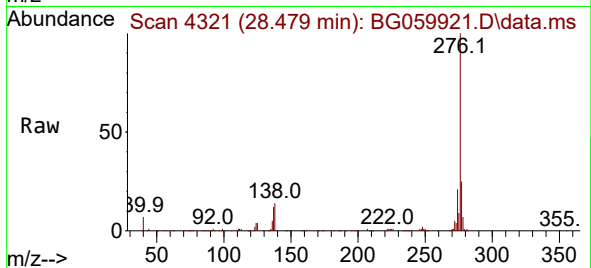
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.689 ng
RT: 28.479 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

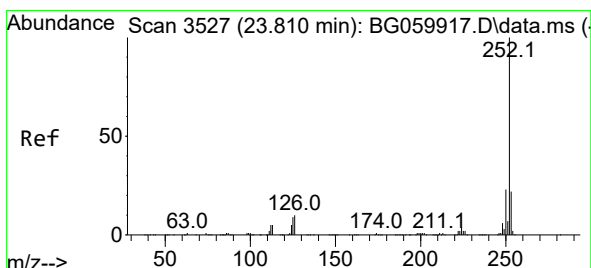
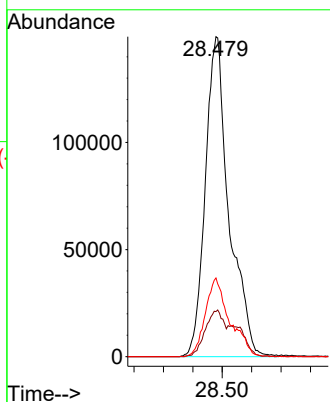
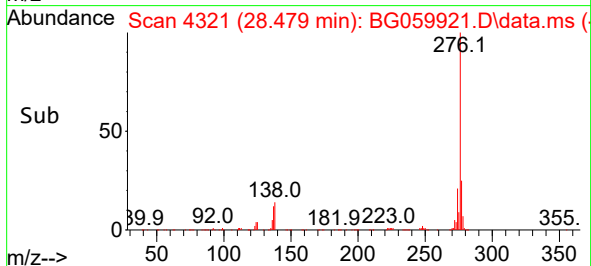


Tgt Ion:276 Resp: 83674
Ion Ratio Lower Upper
276 100
138 11.5 9.7 14.5
277 25.2 20.2 30.4

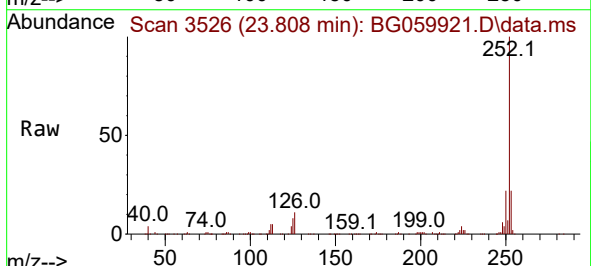
Manual Integrations

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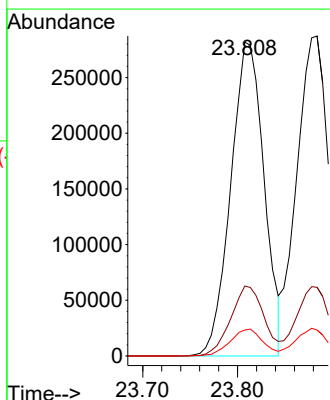
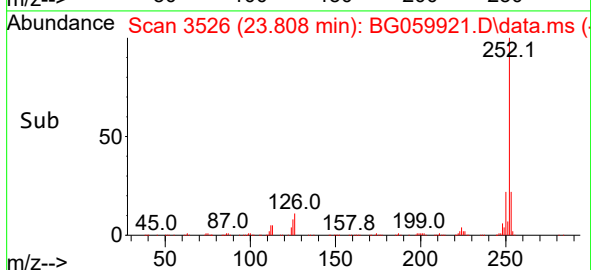
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

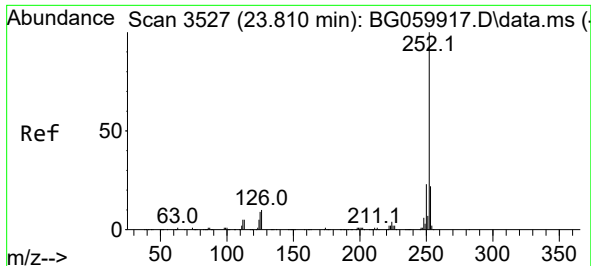


#88
Benzo(b)fluoranthene
Concen: 41.084 ng
RT: 23.808 min Scan# 3526
Delta R.T. -0.002 min
Lab File: BG059921.D
Acq: 30 Nov 2023 22:40



Tgt Ion:252 Resp: 688869
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.3 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.712 ng

RT: 23.884 min Scan# 3539

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Tgt Ion:252 Resp: 684029

Ion Ratio Lower Upper

252 100

253 21.4 16.6 24.8

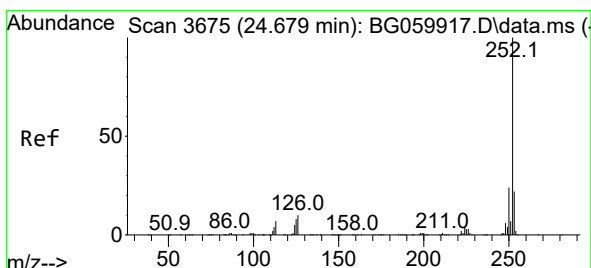
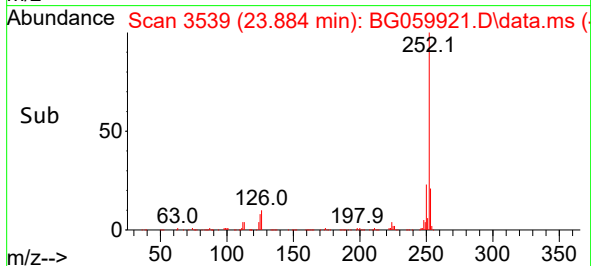
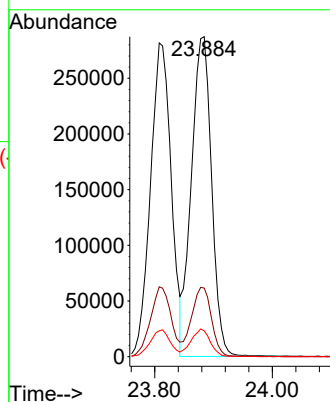
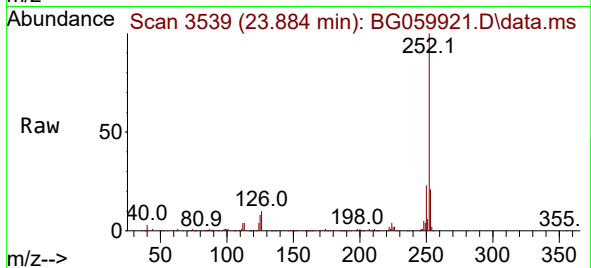
125 8.1 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#90

Benzo(a)pyrene

Concen: 41.347 ng

RT: 24.671 min Scan# 3673

Delta R.T. -0.008 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

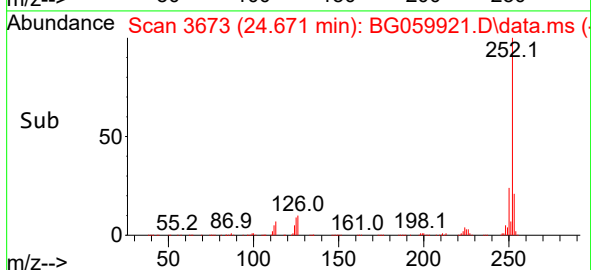
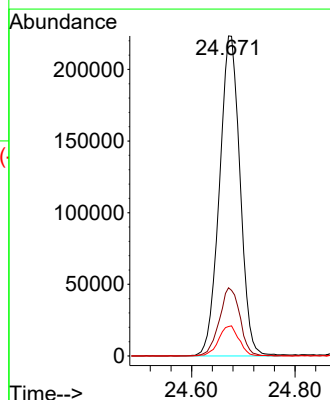
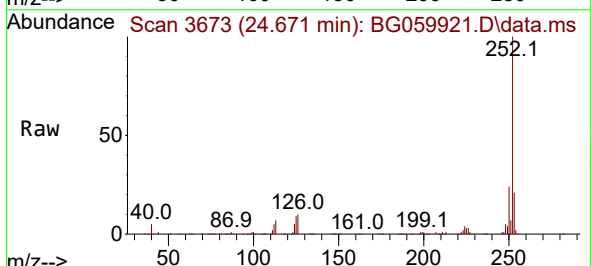
Tgt Ion:252 Resp: 616241

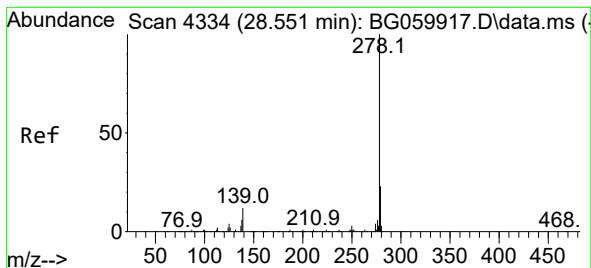
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 9.2 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 41.732 ng

RT: 28.555 min Scan# 4334

Delta R.T. 0.004 min

Lab File: BG059921.D

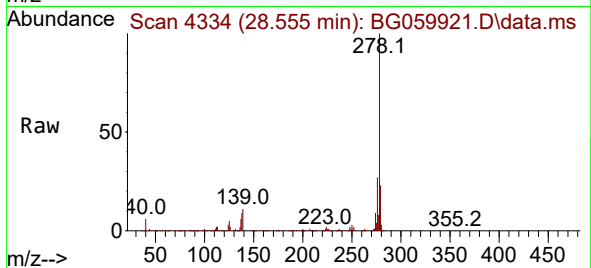
Acq: 30 Nov 2023 22:40

Instrument :

BNA_G

ClientSampleId :

ICVBG113023



Tgt Ion:278 Resp: 698410

Ion Ratio Lower Upper

278 100

139 11.1 9.8 14.6

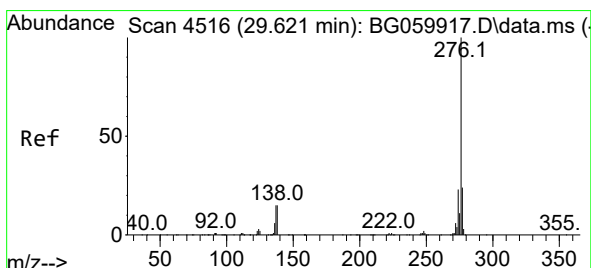
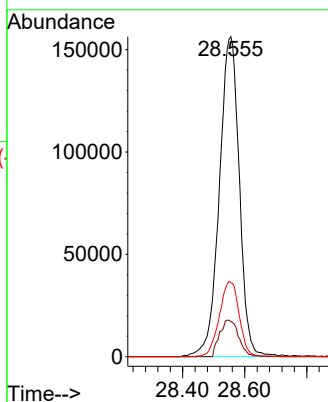
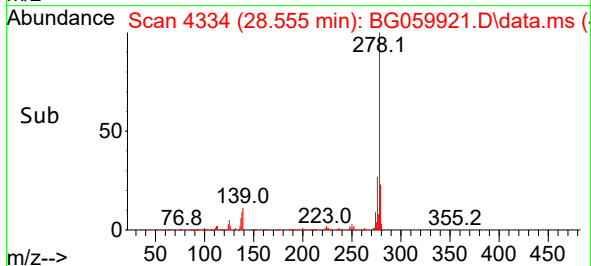
279 23.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#92

Benzo(g,h,i)perylene

Concen: 41.742 ng

RT: 29.624 min Scan# 4516

Delta R.T. 0.004 min

Lab File: BG059921.D

Acq: 30 Nov 2023 22:40

Tgt Ion:276 Resp: 697563

Ion Ratio Lower Upper

276 100

277 22.3 19.3 28.9

138 15.3 11.8 17.6

