

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057821.D
 Acq On : 22 Jun 2023 23:45
 Operator : CG/JU
 Sample : 03320-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	33628	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	153973	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	116572	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	294768	20.000	ng	0.00
76) Chrysene-d12	21.554	240	258884	20.000	ng	0.00
86) Perylene-d12	24.697	264	327157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	290852	133.361	ng	0.00
7) Phenol-d6	7.083	99	404219	121.468	ng	0.00
23) Nitrobenzene-d5	9.080	82	256243	85.413	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	224481	138.241	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	600336	78.111	ng	0.00
79) Terphenyl-d14	19.915	244	1223305	88.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	32478	32.715	ng	# 34
3) Pyridine	3.804	79	85757	28.362	ng	93
4) n-Nitrosodimethylamine	3.710	42	49390	35.748	ng	92
6) Aniline	7.247	93	119202	27.975	ng	97
8) 2-Chlorophenol	7.488	128	108579	48.394	ng	97
9) Benzaldehyde	7.059	77	50761m	24.259	ng	
10) Phenol	7.112	94	145995	44.558	ng	95
11) bis(2-Chloroethyl)ether	7.341	93	105119	41.728	ng	96
12) 1,3-Dichlorobenzene	7.811	146	90786	39.760	ng	98
13) 1,4-Dichlorobenzene	7.958	146	94284	40.752	ng	96
14) 1,2-Dichlorobenzene	8.275	146	94058	42.015	ng	96
15) Benzyl Alcohol	8.158	79	114740	45.093	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	175066	36.176	ng	95
17) 2-Methylphenol	8.358	107	108857	45.171	ng	96
18) Hexachloroethane	9.004	117	32610	39.973	ng	95
19) n-Nitroso-di-n-propyla...	8.722	70	91796	39.566	ng	94
20) 3+4-Methylphenols	8.687	107	154065	46.282	ng	98
22) Acetophenone	8.745	105	182453	42.257	ng	# 96
24) Nitrobenzene	9.127	77	129060	41.334	ng	96
25) Isophorone	9.644	82	282275	41.183	ng	99
26) 2-Nitrophenol	9.832	139	57354	57.738	ng	99
27) 2,4-Dimethylphenol	9.897	122	120662	49.063	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	157808	42.753	ng	99
29) 2,4-Dichlorophenol	10.373	162	118251	50.633	ng	99
30) 1,2,4-Trichlorobenzene	10.584	180	109343	42.003	ng	97
31) Naphthalene	10.773	128	332335	40.554	ng	99
32) Benzoic acid	10.044	122	88086	48.647	ng	96
33) 4-Chloroaniline	10.884	127	60434	15.916	ng	96
34) Hexachlorobutadiene	11.060	225	63673	40.091	ng	98
35) Caprolactam	11.660	113	41843m	44.152	ng	
36) 4-Chloro-3-methylphenol	12.006	107	150956	49.492	ng	99
37) 2-Methylnaphthalene	12.382	142	246160	41.210	ng	98
38) 1-Methylnaphthalene	12.600	142	236295	41.906	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	132774	41.085	ng	99
41) Hexachlorocyclopentadiene	12.729	237	163527	95.311	ng	99
43) 2,4,6-Trichlorophenol	12.988	196	111087	48.007	ng	97

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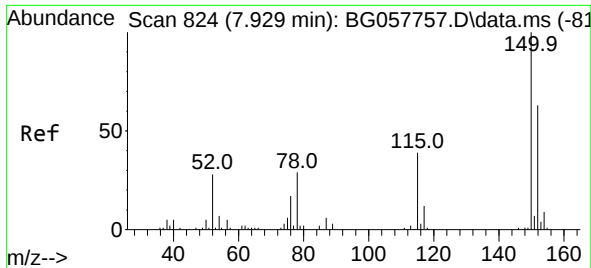
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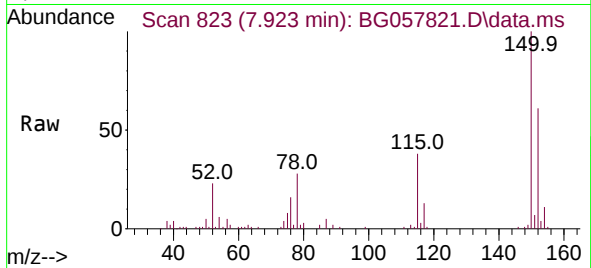
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	122807	45.530	ng	95
46) 1,1'-Biphenyl	13.393	154	342314	42.767	ng	99
47) 2-Chloronaphthalene	13.434	162	262297	42.655	ng	98
48) 2-Nitroaniline	13.634	65	108635	49.713	ng	97
49) Acenaphthylene	14.280	152	454980	43.107	ng	99
50) Dimethylphthalate	14.016	163	395719	44.198	ng	99
51) 2,6-Dinitrotoluene	14.127	165	86194	52.279	ng	92
52) Acenaphthene	14.621	154	320271m	49.015	ng	
53) 3-Nitroaniline	14.456	138	54380	29.267	ng	95
54) 2,4-Dinitrophenol	14.662	184	104162	116.101	ng	99
55) Dibenzofuran	14.956	168	451974	43.019	ng	98
56) 4-Nitrophenol	14.768	139	151127	102.346	ng	94
57) 2,4-Dinitrotoluene	14.915	165	124154	55.529	ng	94
58) Fluorene	15.602	166	367403	44.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	115163	50.099	ng	99
60) Diethylphthalate	15.379	149	408201	44.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.596	204	195736	44.263	ng	96
62) 4-Nitroaniline	15.626	138	90157	47.596	ng	98
63) Azobenzene	15.890	77	393669	41.898	ng	98
65) 4,6-Dinitro-2-methylph...	15.679	198	74199	54.043	ng	91
66) n-Nitrosodiphenylamine	15.808	169	327539	42.101	ng	98
67) 4-Bromophenyl-phenylether	16.489	248	135895	43.471	ng	94
68) Hexachlorobenzene	16.601	284	148272	46.526	ng	99
69) Atrazine	16.760	200	107934	40.416	ng	96
70) Pentachlorophenol	16.948	266	204722	86.954	ng	99
71) Phenanthrene	17.341	178	620615	43.484	ng	99
72) Anthracene	17.435	178	634171	43.515	ng	99
73) Carbazole	17.700	167	607036	45.175	ng	100
74) Di-n-butylphthalate	18.264	149	736717	46.303	ng	100
75) Fluoranthene	19.351	202	759734	44.684	ng	100
77) Benzidine	19.550	184	124539m	20.522	ng	
78) Pyrene	19.715	202	786008	42.562	ng	100
80) Butylbenzylphthalate	20.602	149	323625	46.067	ng	97
81) Benzo(a)anthracene	21.530	228	784576	44.172	ng	99
82) 3,3'-Dichlorobenzidine	21.454	252	156796	25.955	ng	98
83) Chrysene	21.601	228	732233	42.957	ng	99
84) Bis(2-ethylhexyl)phtha...	21.448	149	466317	45.718	ng	99
85) Di-n-octyl phthalate	22.635	149	829476	46.365	ng	96
87) Indeno(1,2,3-cd)pyrene	28.293	276	974767	45.571	ng	# 93
88) Benzo(b)fluoranthene	23.704	252	825693	46.056	ng	98
89) Benzo(k)fluoranthene	23.769	252	821575	44.996	ng	99
90) Benzo(a)pyrene	24.556	252	742538	42.173	ng	100
91) Dibenzo(a,h)anthracene	28.358	278	814271	45.881	ng	99
92) Benzo(g,h,i)perylene	29.409	276	800659	45.056	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

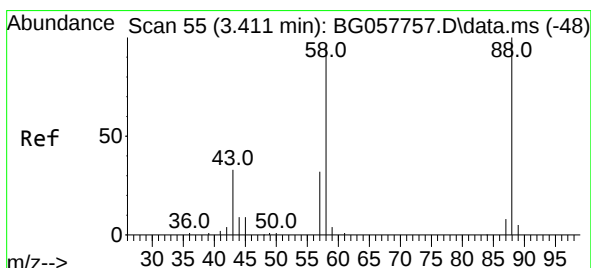
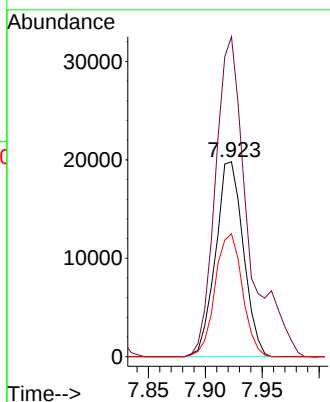
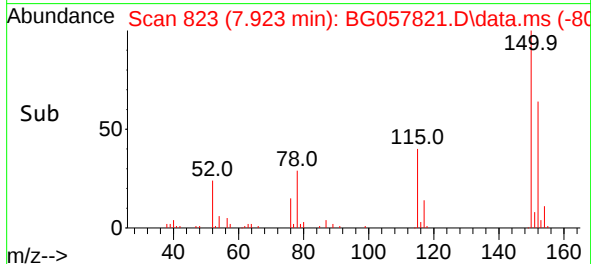
Instrument :
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Tgt Ion:152 Resp: 33628
Ion Ratio Lower Upper
152 100
150 164.2 126.6 189.8
115 63.1 48.9 73.3

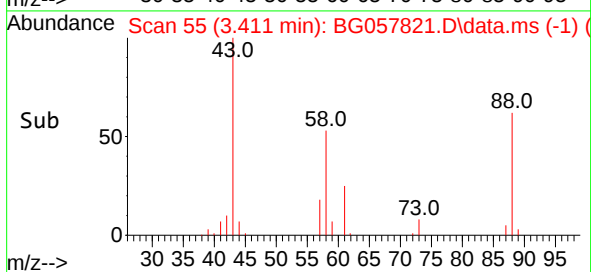
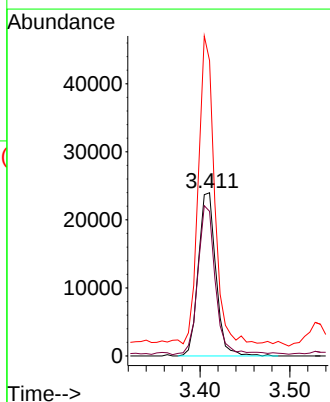
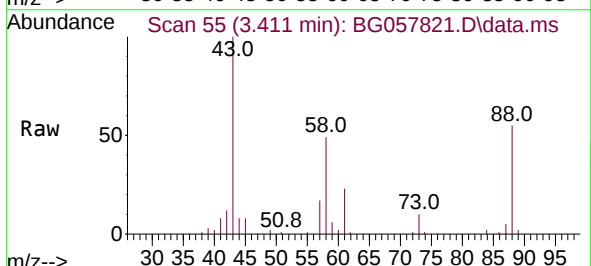
Manual Integrations
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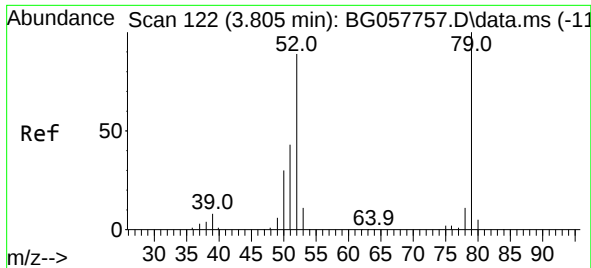
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 32.715 ng
RT: 3.411 min Scan# 55
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

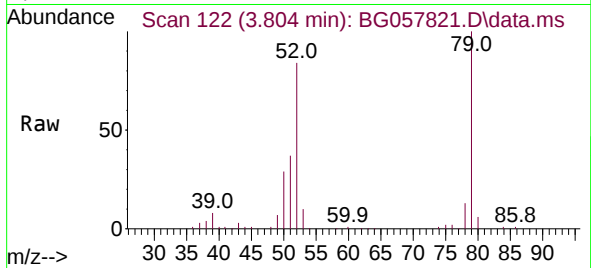
Tgt Ion: 88 Resp: 32478
Ion Ratio Lower Upper
88 100
58 92.0 76.2 114.4
43 171.9 26.3 39.5





#3
Pyridine
Concen: 28.362 ng
RT: 3.804 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

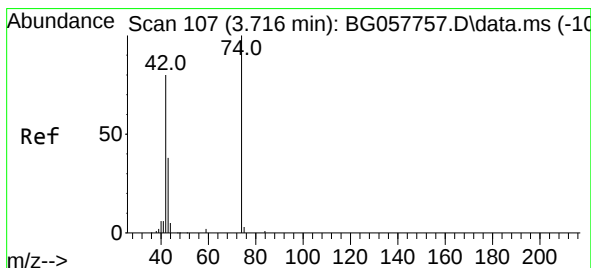
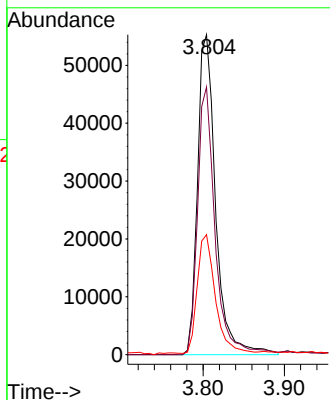
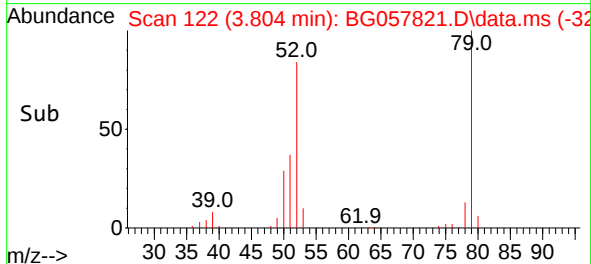
Instrument :
BNA_G
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WC-19MS



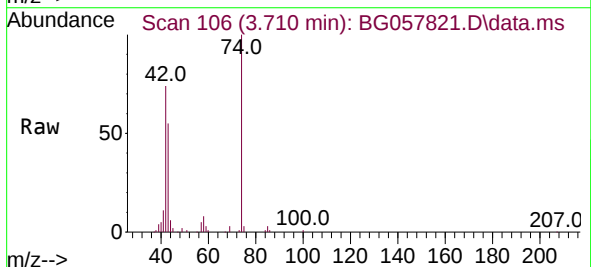
Tgt Ion: 79 Resp: 8575
Ion Ratio Lower Upper
79 100
52 83.7 71.4 107.0
51 37.5 34.9 52.3

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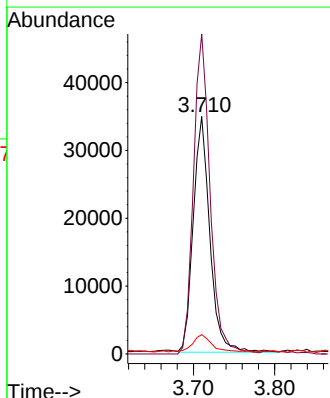
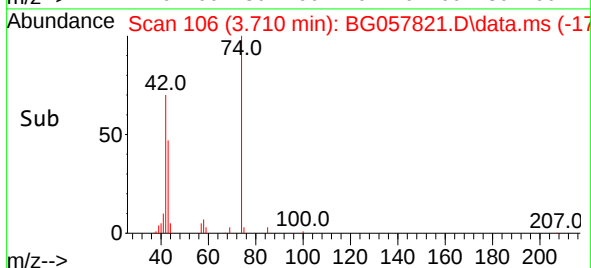
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

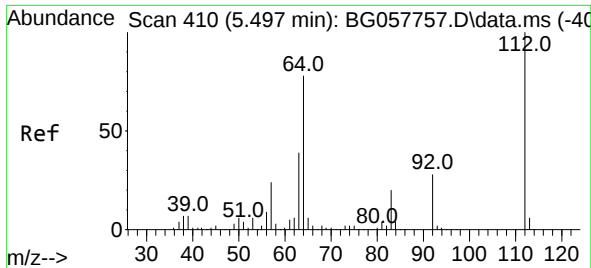


#4
n-Nitrosodimethylamine
Concen: 35.748 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion: 42 Resp: 49390
Ion Ratio Lower Upper
42 100
74 134.7 99.9 149.9
44 8.1 6.0 9.0





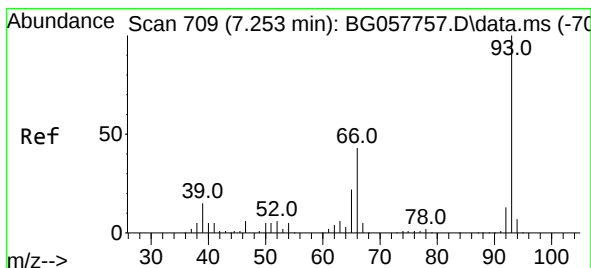
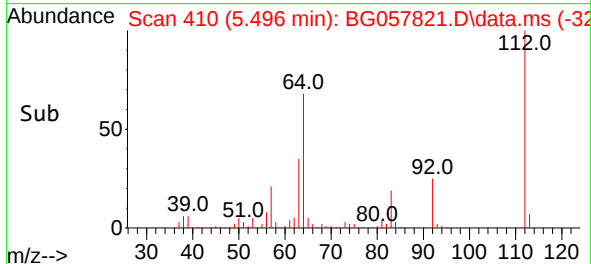
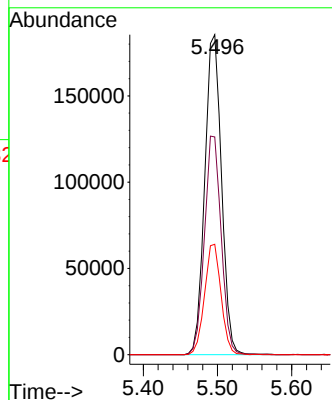
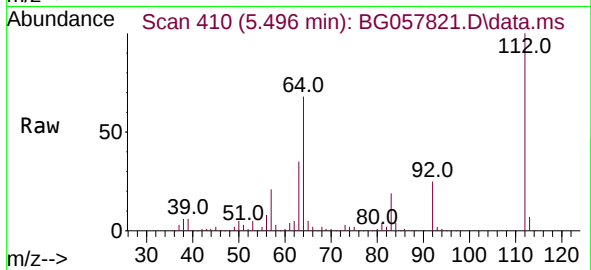
#5
2-Fluorophenol
Concen: 133.361 ng
RT: 5.496 min Scan# 410
Delta R.T. -0.001 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

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Tgt Ion:112 Resp: 290852
Ion Ratio Lower Upper
112 100
64 68.1 62.1 93.1
63 34.5 31.5 47.3

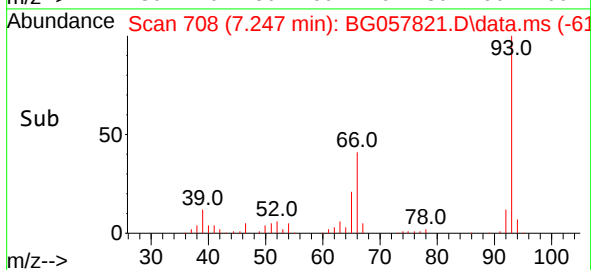
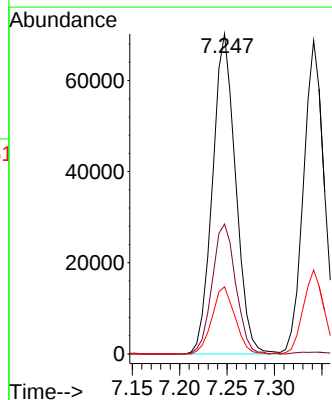
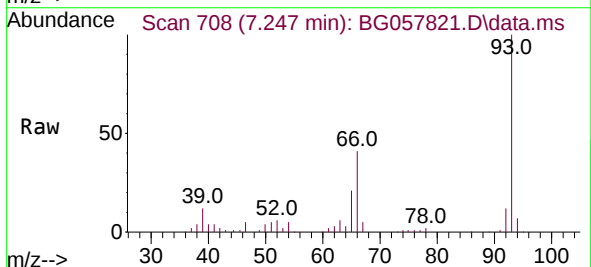
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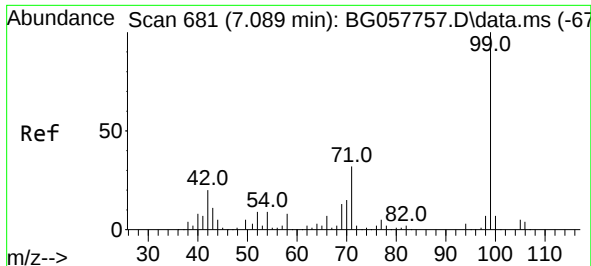
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 27.975 ng
RT: 7.247 min Scan# 708
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 93 Resp: 119202
Ion Ratio Lower Upper
93 100
66 40.6 34.5 51.7
65 21.0 17.4 26.2





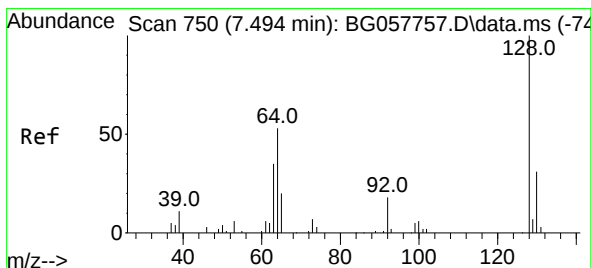
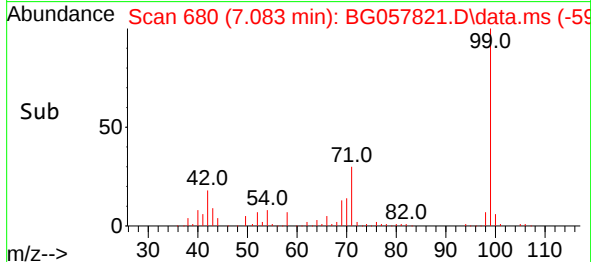
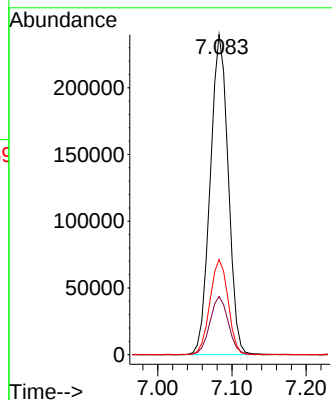
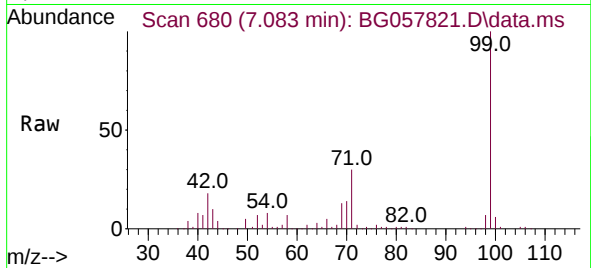
#7
Phenol-d6
Concen: 121.468 ng
RT: 7.083 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 404219
Ion Ratio Lower Upper
99 100
42 18.2 16.4 24.6
71 29.8 25.8 38.6

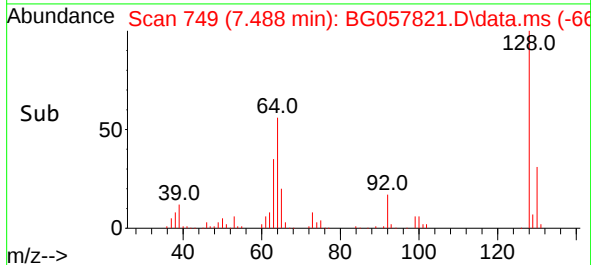
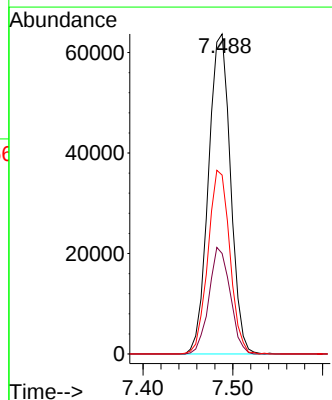
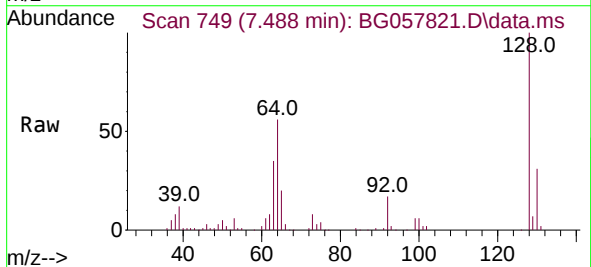
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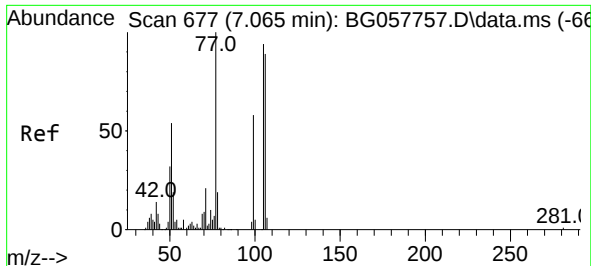
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 48.394 ng
RT: 7.488 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

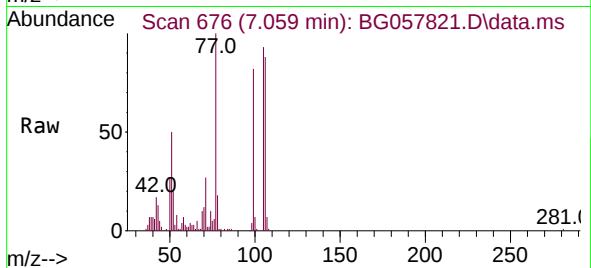
Tgt Ion:128 Resp: 108579
Ion Ratio Lower Upper
128 100
130 31.4 10.6 50.6
64 55.9 39.1 79.1





#9
Benzaldehyde
Concen: 24.259 ng m
RT: 7.059 min Scan# 677
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

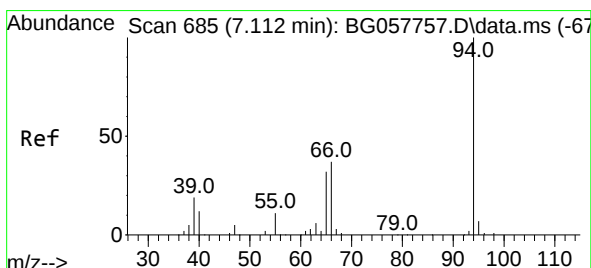
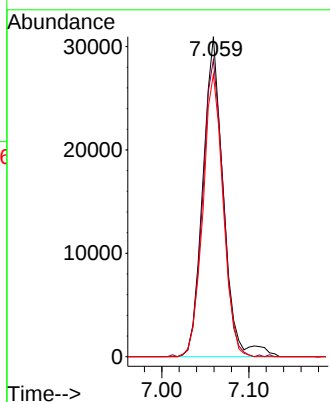
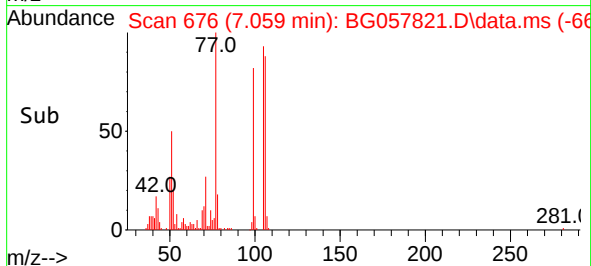
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion: 77 Resp: 5076
Ion Ratio Lower Upper
77 100
105 92.8 73.7 113.7
106 88.2 69.0 109.0

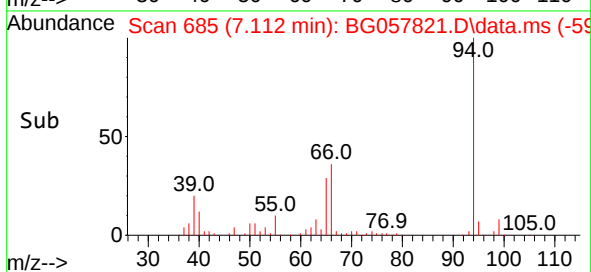
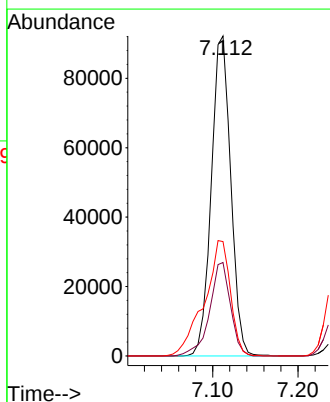
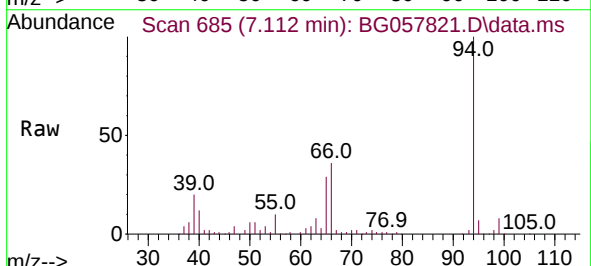
Manual Integrations
APPROVED

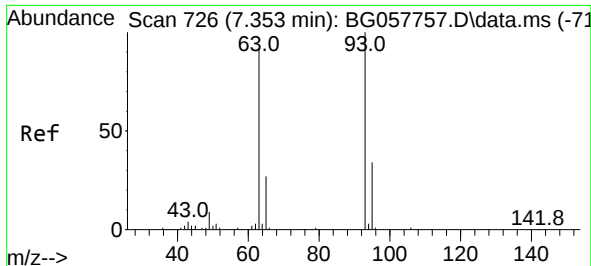
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 44.558 ng
RT: 7.112 min Scan# 685
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 94 Resp: 145995
Ion Ratio Lower Upper
94 100
65 29.2 12.2 52.2
66 35.7 18.3 58.3





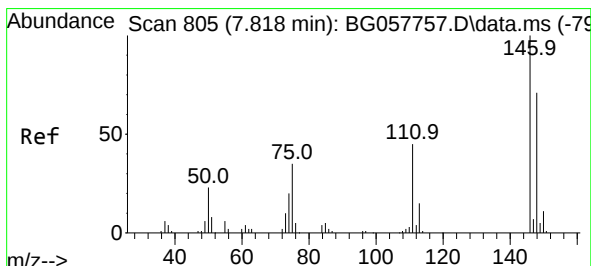
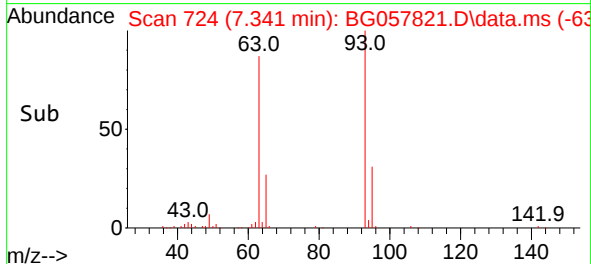
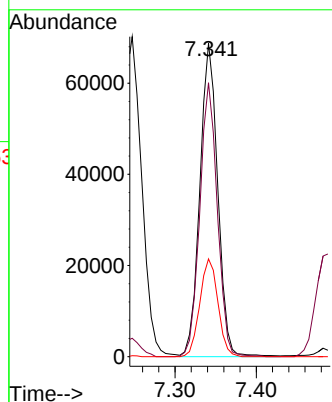
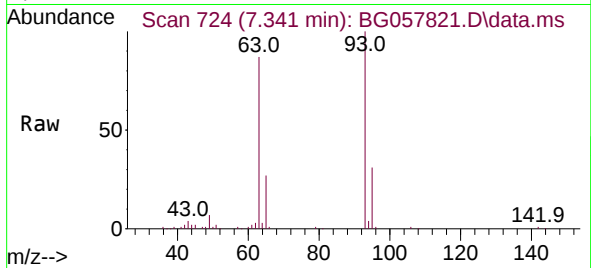
#11
bis(2-Chloroethyl)ether
Concen: 41.728 ng
RT: 7.341 min Scan# 726
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion: 93 Resp: 105119
Ion Ratio Lower Upper
93 100
63 87.4 71.2 111.2
95 31.2 14.2 54.2

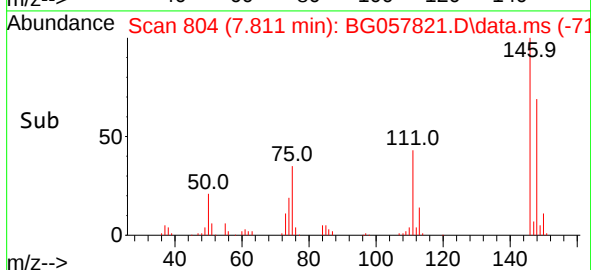
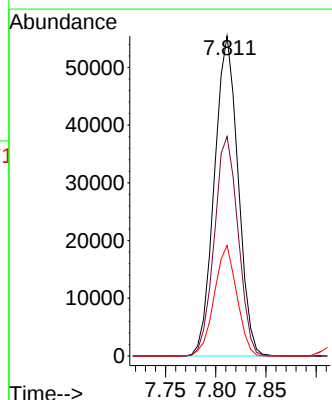
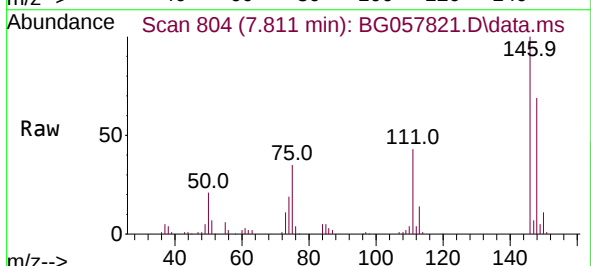
Manual Integrations
APPROVED

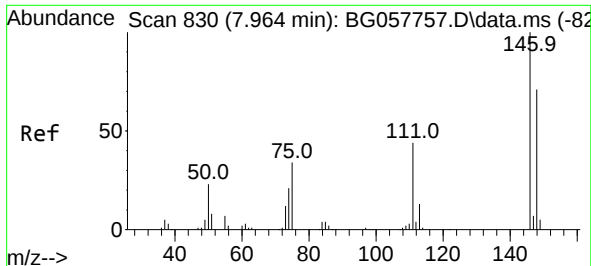
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 39.760 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:146 Resp: 90786
Ion Ratio Lower Upper
146 100
148 68.6 57.0 85.6
75 34.6 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 40.752 ng

RT: 7.958 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

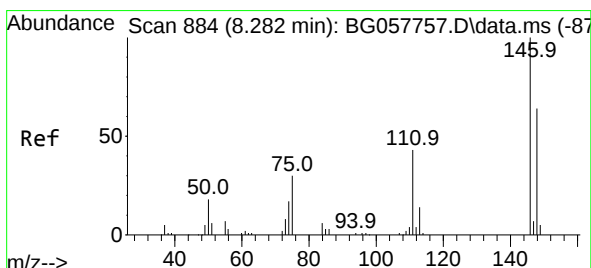
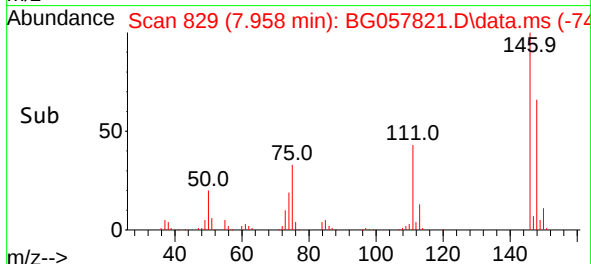
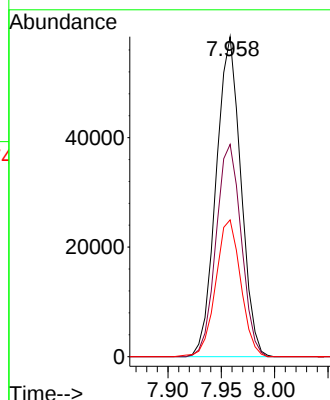
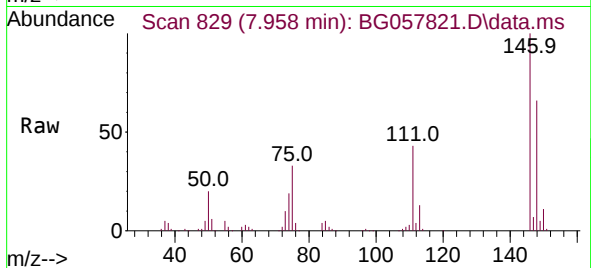
WC-19MS

Tgt Ion:146 Resp: 94284
 Ion Ratio Lower Upper
 146 100
 148 66.3 57.0 85.4
 111 42.7 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#14

1,2-Dichlorobenzene

Concen: 42.015 ng

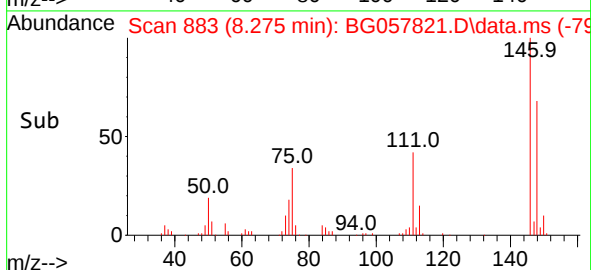
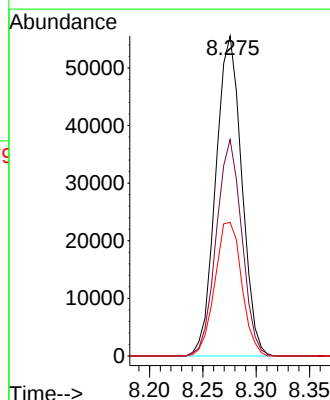
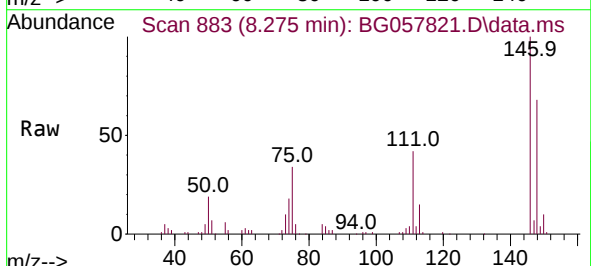
RT: 8.275 min Scan# 883

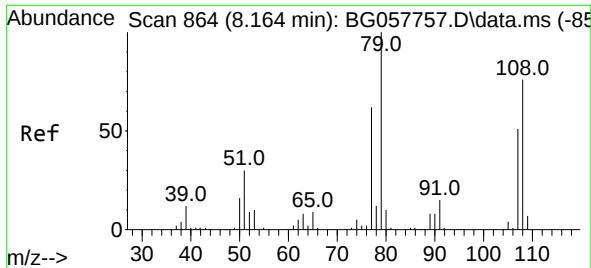
Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion:146 Resp: 94058
 Ion Ratio Lower Upper
 146 100
 148 67.7 51.0 76.6
 111 41.8 34.9 52.3





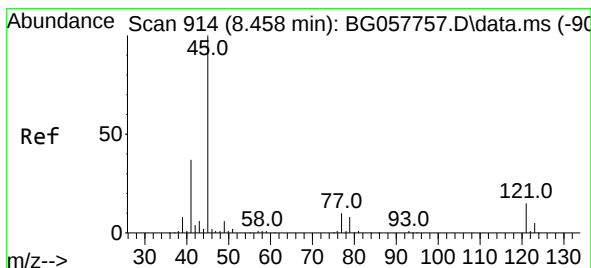
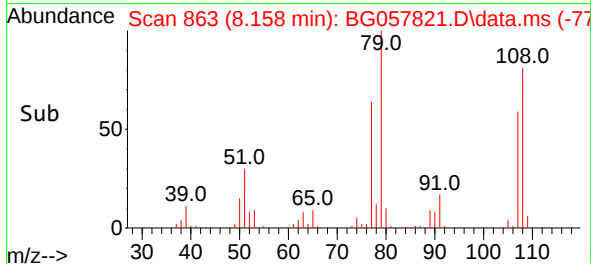
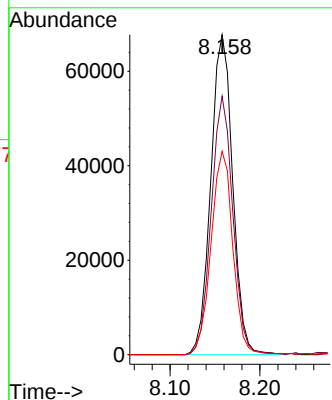
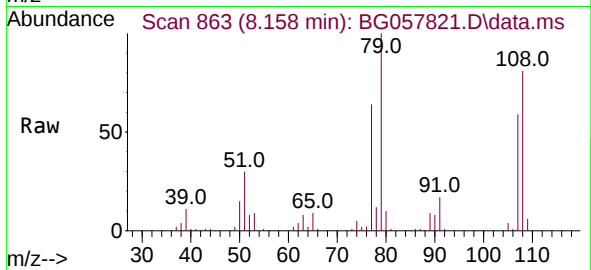
#15
Benzyl Alcohol
Concen: 45.093 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion: 79 Resp: 114740
Ion Ratio Lower Upper
79 100
108 80.8 60.5 90.7
77 63.5 49.3 73.9

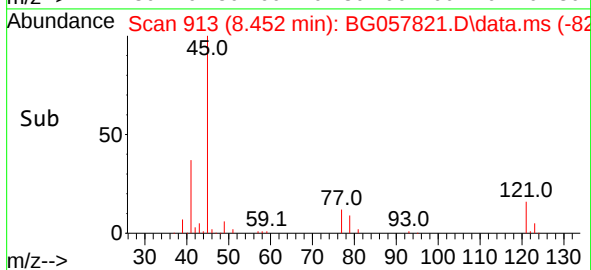
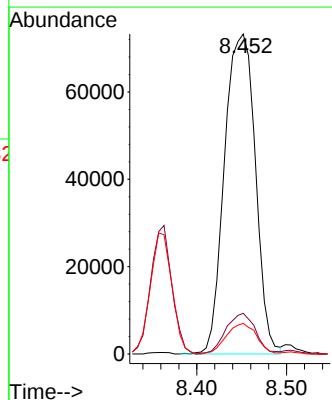
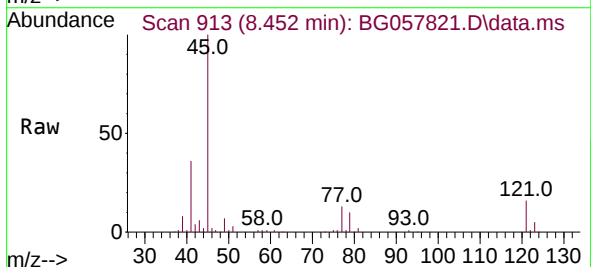
Manual Integrations
APPROVED

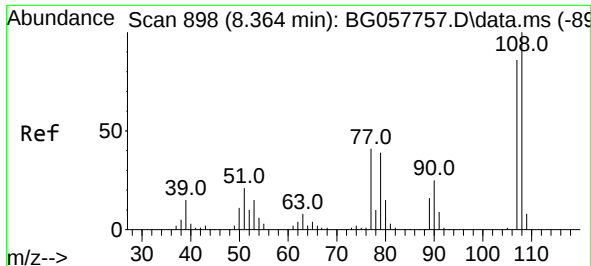
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.176 ng
RT: 8.452 min Scan# 913
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion: 45 Resp: 175066
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.6
79 9.5 0.0 28.3





#17
2-Methylphenol
Concen: 45.171 ng
RT: 8.358 min Scan# 898
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

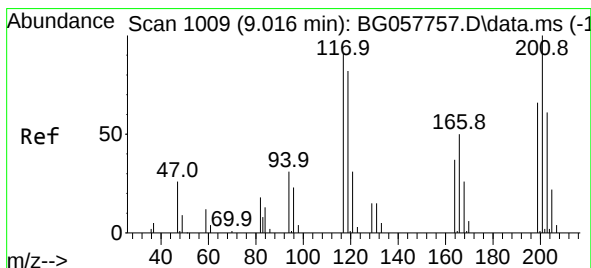
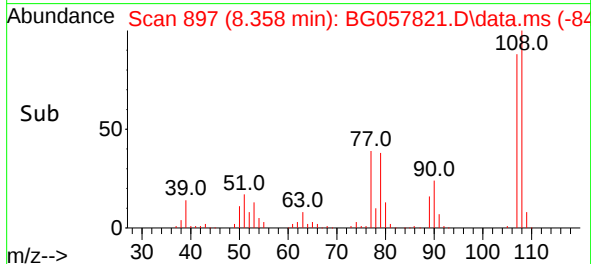
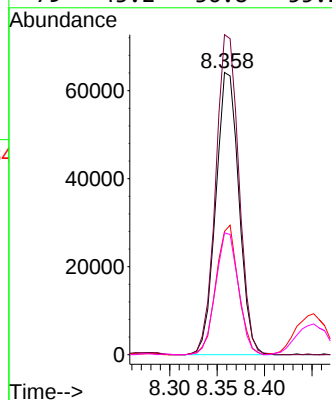
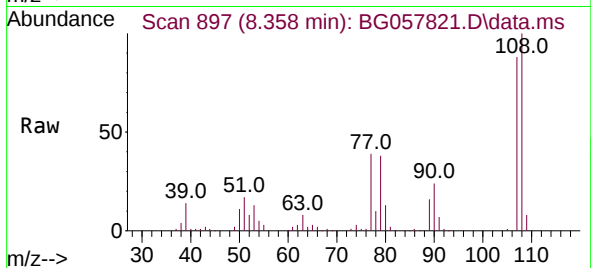
WC-19MS

Tgt Ion:107 Resp: 10885
Ion Ratio Lower Upper
107 100
108 113.4 93.2 139.8
77 43.7 37.8 56.8
79 43.2 36.8 55.2

Manual Integrations

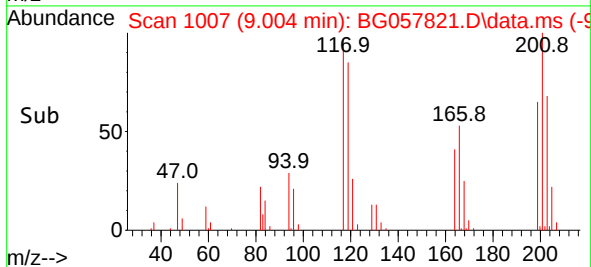
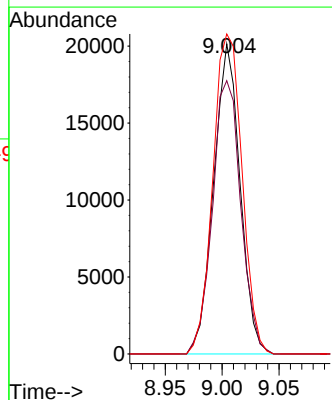
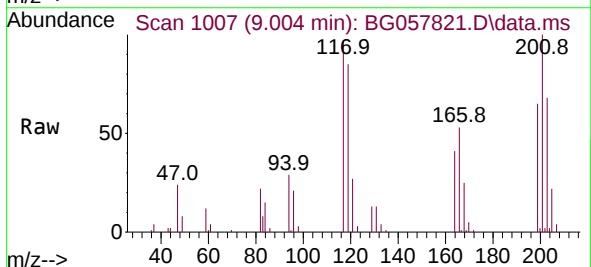
APPROVED

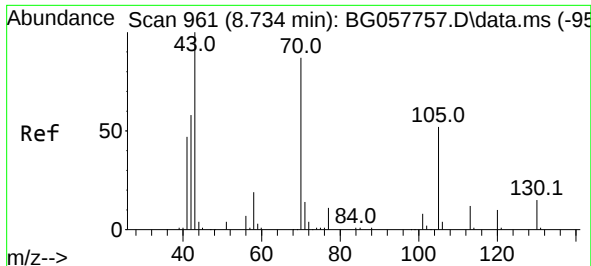
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 39.973 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

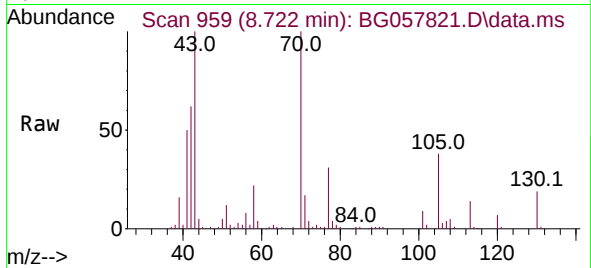
Tgt Ion:117 Resp: 32610
Ion Ratio Lower Upper
117 100
119 88.1 72.3 108.5
201 103.2 87.8 131.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.566 ng
RT: 8.722 min Scan# 919
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

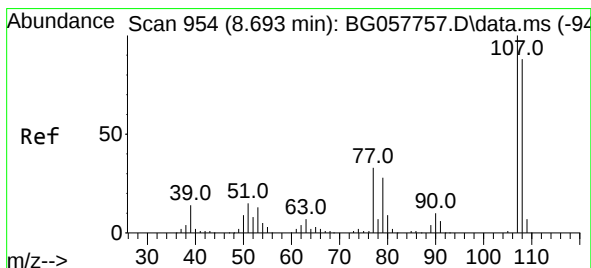
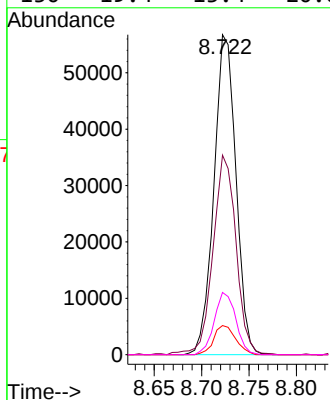
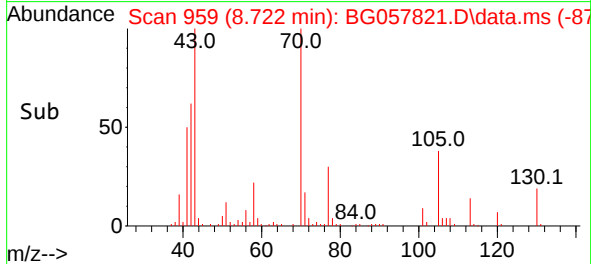
Instrument :
BNA_G
ClientSampleId :
WC-19MS



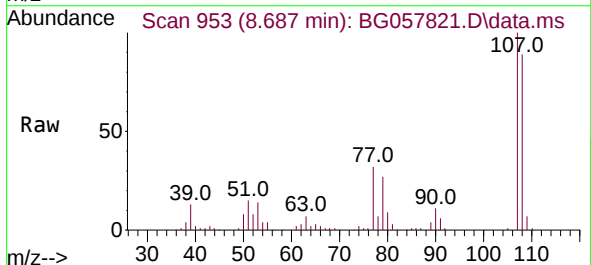
Tgt Ion: 70 Resp: 91790
Ion Ratio Lower Upper
70 100
42 62.3 54.2 81.2
101 9.1 7.4 11.0
130 19.4 13.4 20.0

Manual Integrations
APPROVED

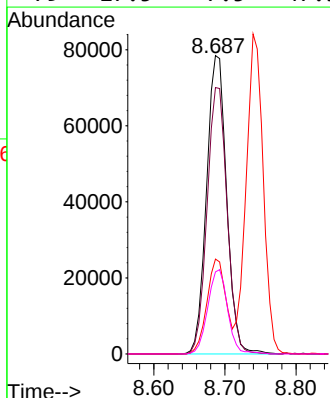
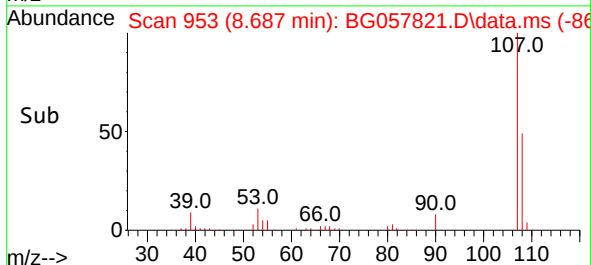
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

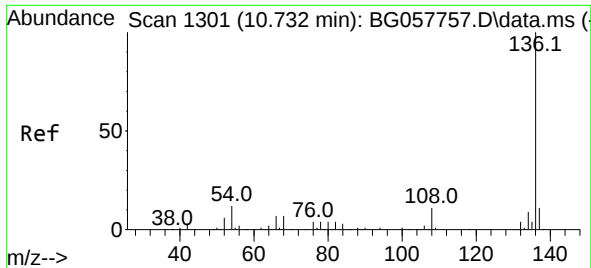


#20
3+4-Methylphenols
Concen: 46.282 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion:107 Resp: 154065
Ion Ratio Lower Upper
107 100
108 89.3 67.7 107.7
77 31.8 13.3 53.3
79 27.5 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

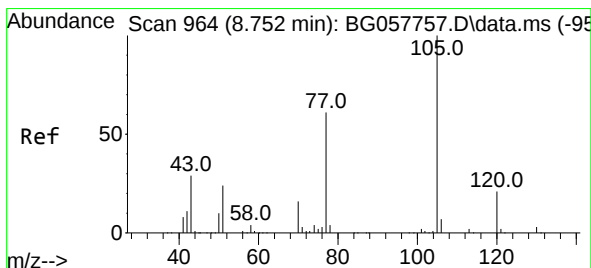
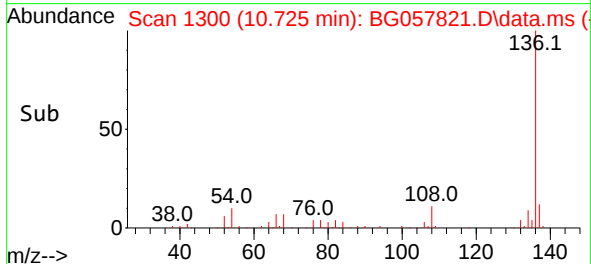
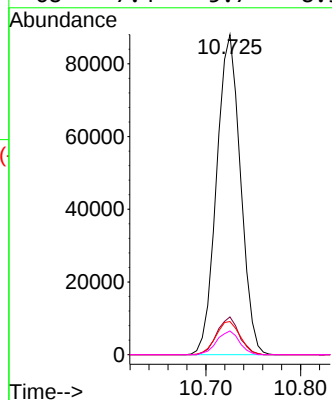
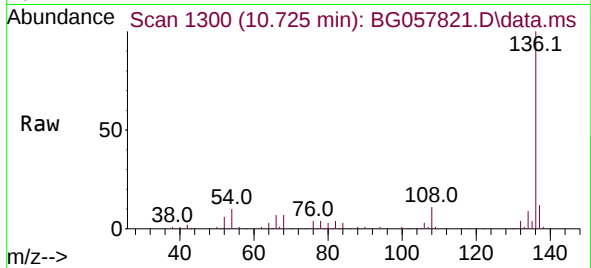
WC-19MS

Tgt Ion:136 Resp: 15397
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 10.3 9.5 14.3
68 7.4 5.7 8.5

Manual Integrations

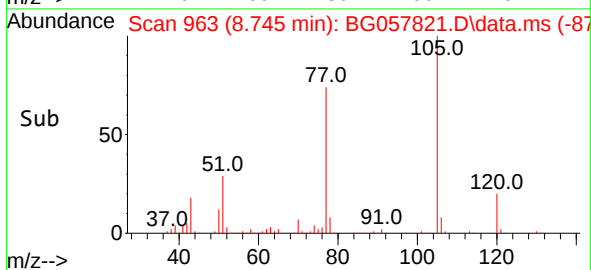
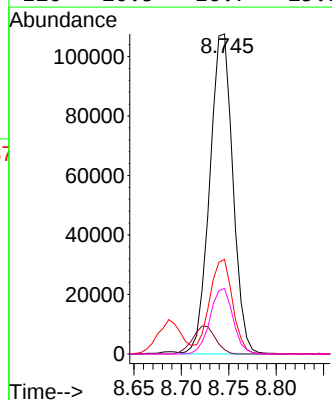
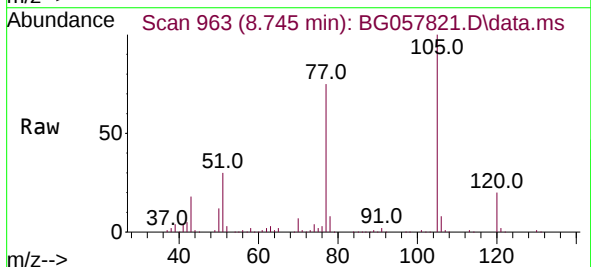
APPROVED

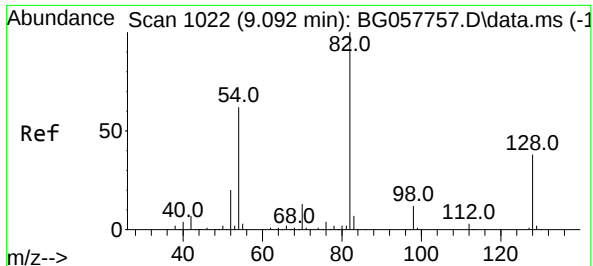
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 42.257 ng
RT: 8.745 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:105 Resp: 182453
Ion Ratio Lower Upper
105 100
71 1.4 2.4 3.6#
51 29.6 25.9 38.9
120 20.5 16.7 25.1





#23

Nitrobenzene-d5

Concen: 85.413 ng

RT: 9.080 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion: 82 Resp: 25624

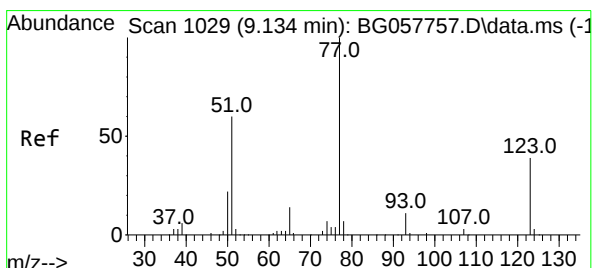
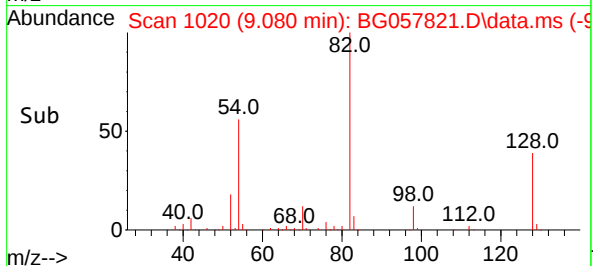
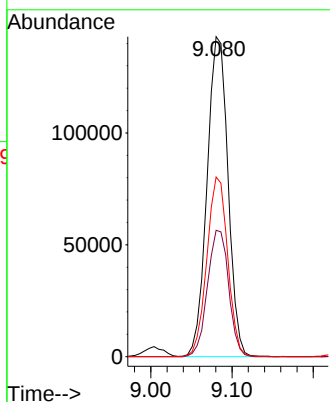
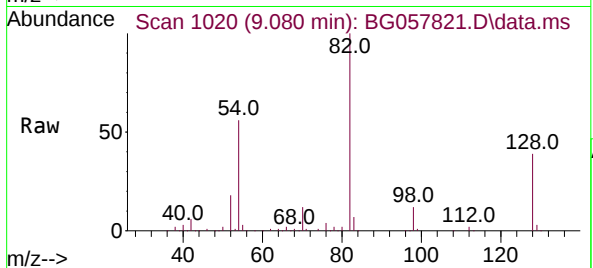
Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.7	46.1
54	56.2	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#24

Nitrobenzene

Concen: 41.334 ng

RT: 9.127 min Scan# 1028

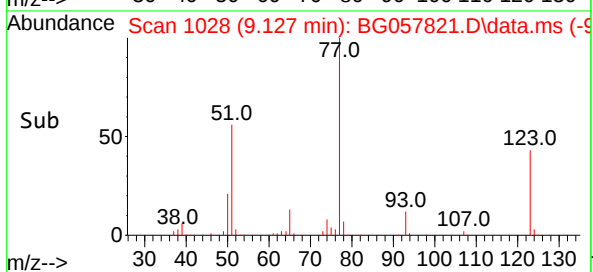
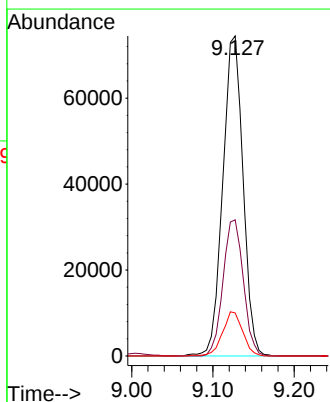
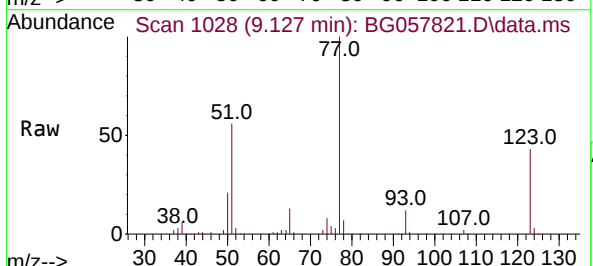
Delta R.T. -0.007 min

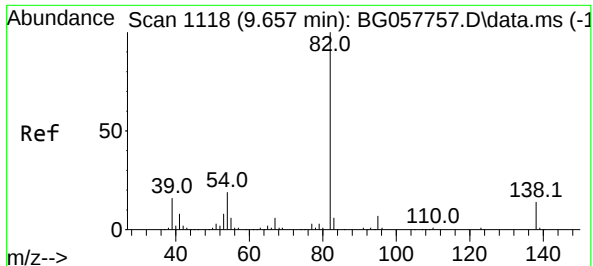
Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion: 77 Resp: 129060

Ion	Ratio	Lower	Upper
77	100		
123	42.5	31.4	47.2
65	13.4	11.2	16.8





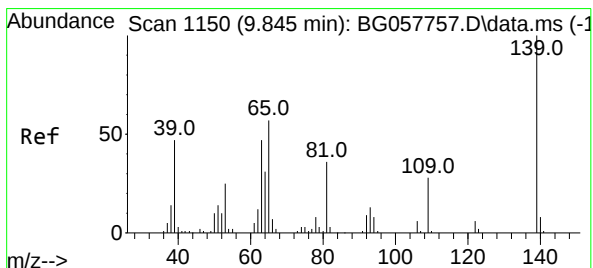
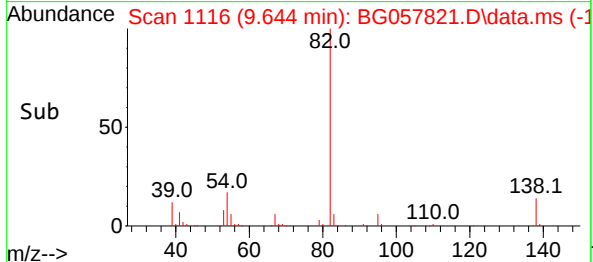
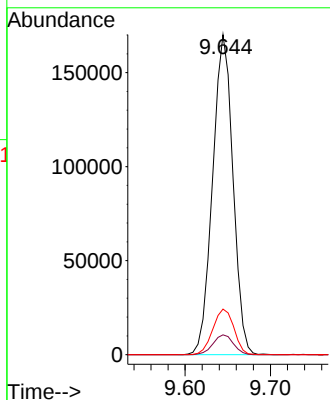
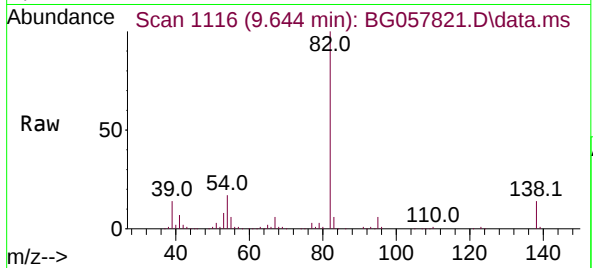
#25
Isophorone
Concen: 41.183 ng
RT: 9.644 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion: 82 Resp: 28227
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 14.3 11.1 16.7

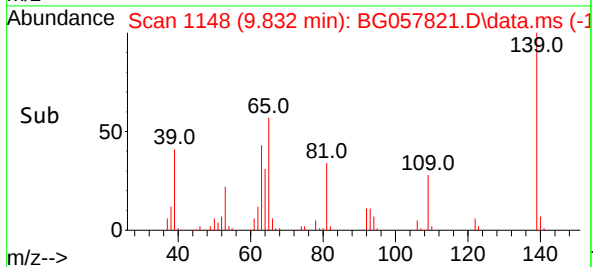
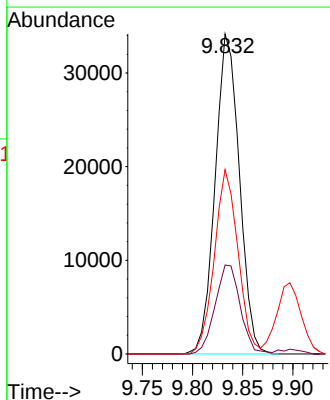
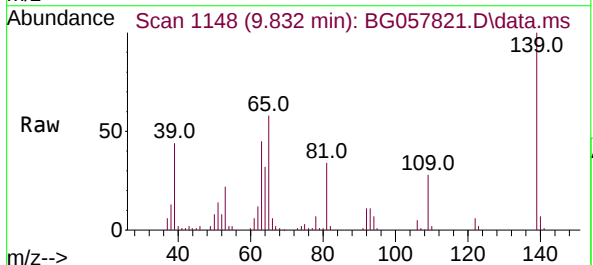
Manual Integrations
APPROVED

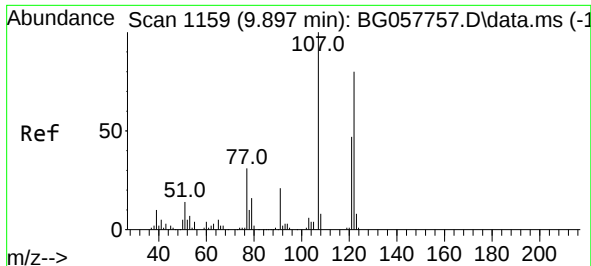
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 57.738 ng
RT: 9.832 min Scan# 1148
Delta R.T. -0.013 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:139 Resp: 57354
Ion Ratio Lower Upper
139 100
109 27.8 22.5 33.7
65 57.6 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 49.063 ng

RT: 9.897 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

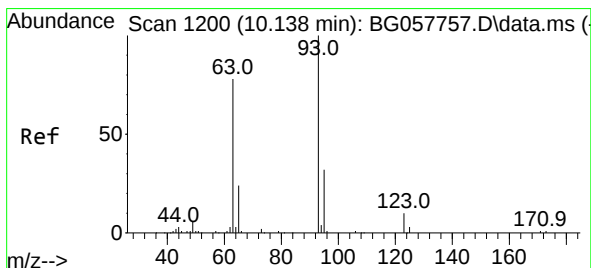
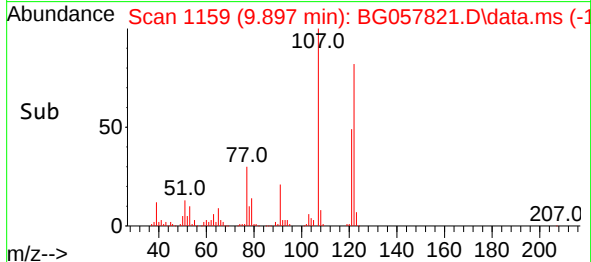
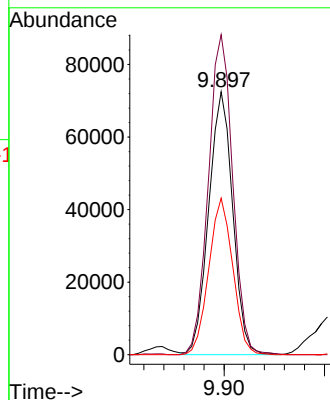
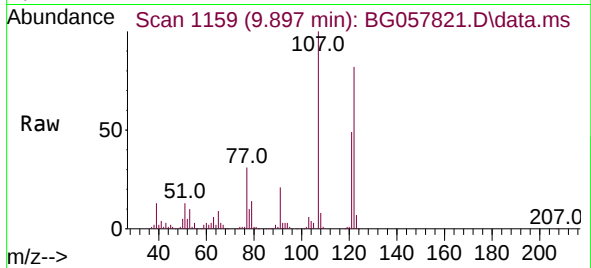
Tgt Ion:	122	Resp:	12066
Ion Ratio	Lower	Upper	
122	100		
107	121.7	98.9	148.3
121	59.5	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.753 ng

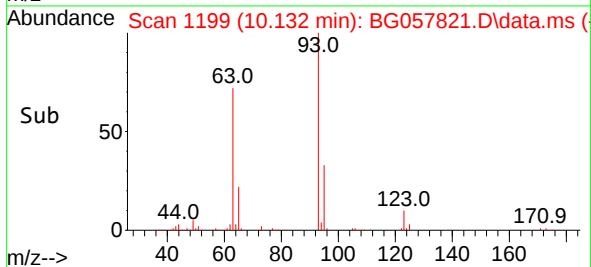
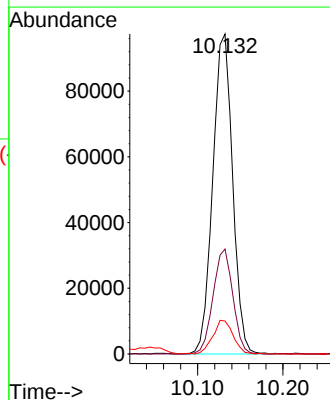
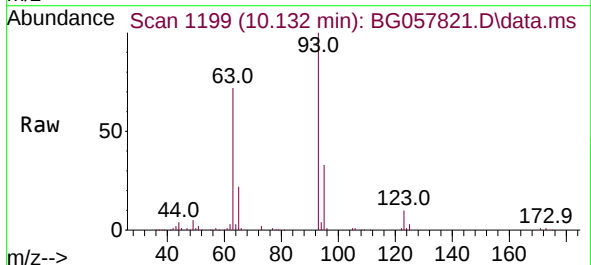
RT: 10.132 min Scan# 1199

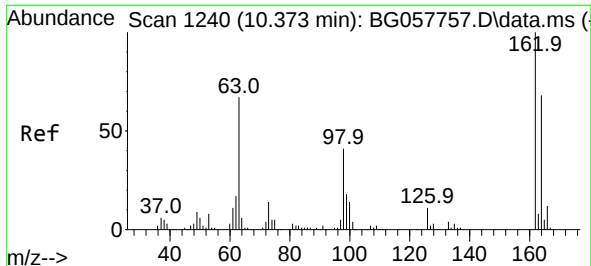
Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion:	93	Resp:	157808
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.6	38.4
123	10.3	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 50.633 ng

RT: 10.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion:162 Resp: 11825

Ion Ratio Lower Upper

162 100

164 68.7 48.2 88.2

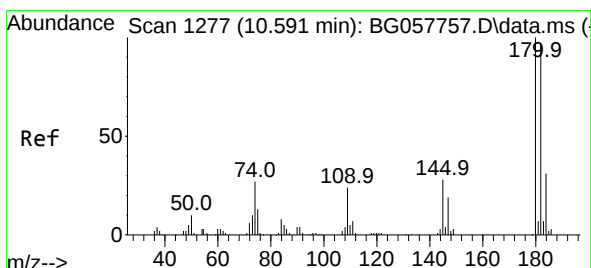
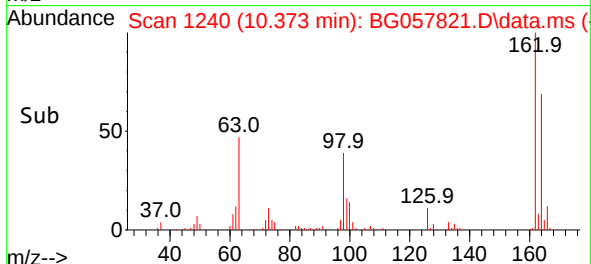
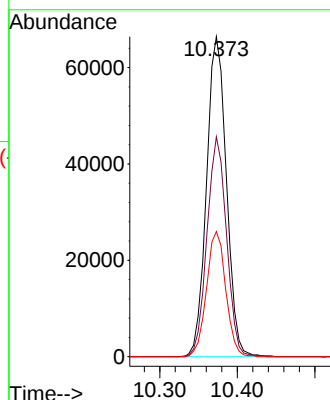
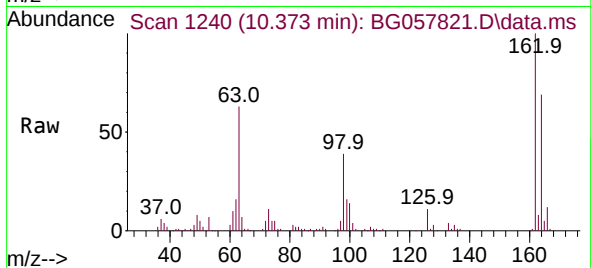
98 39.1 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.003 ng

RT: 10.584 min Scan# 1276

Delta R.T. -0.007 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

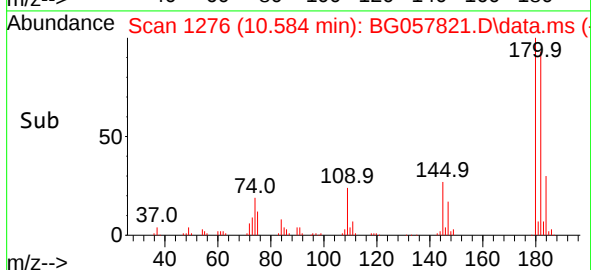
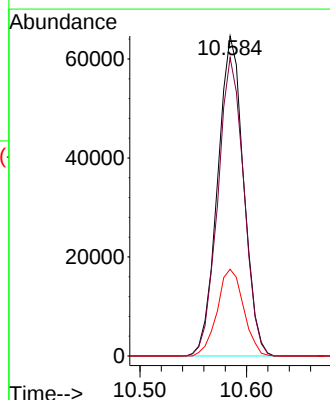
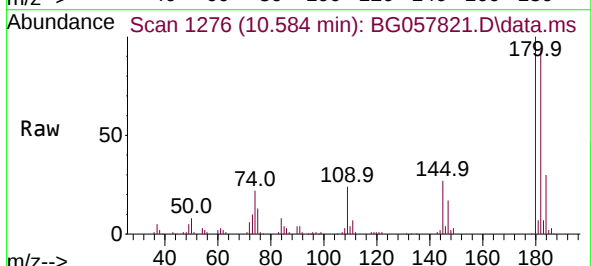
Tgt Ion:180 Resp: 109343

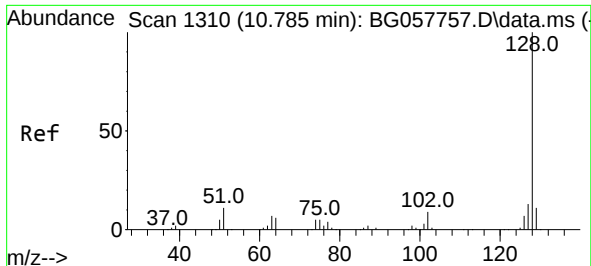
Ion Ratio Lower Upper

180 100

182 93.3 77.5 116.3

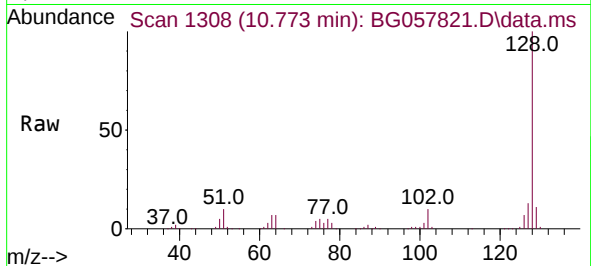
145 27.1 22.6 34.0





#31
Naphthalene
Concen: 40.554 ng
RT: 10.773 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

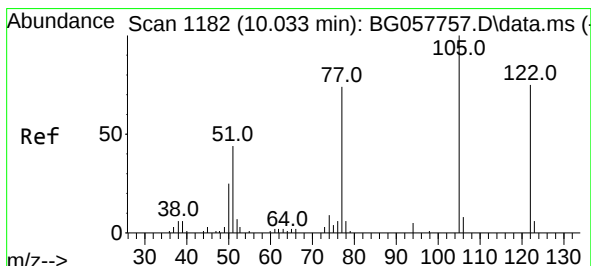
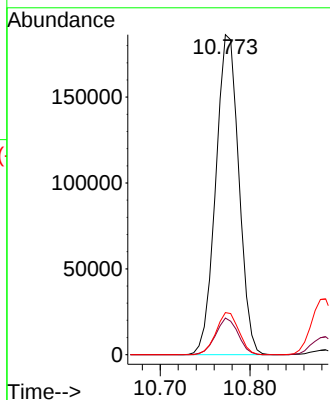
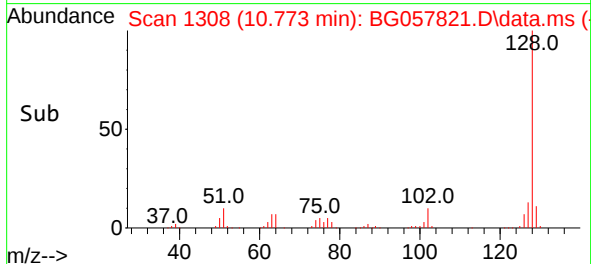
Instrument :
BNA_G
ClientSampleId :
WC-19MS



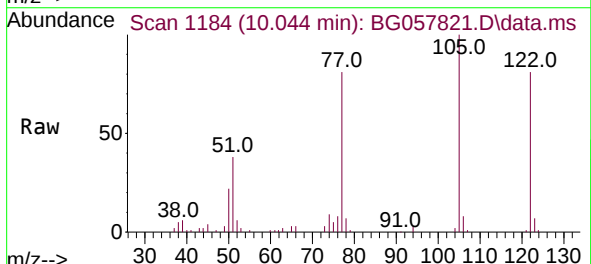
Tgt Ion:128 Resp: 332335
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.1 10.7 16.1

Manual Integrations
APPROVED

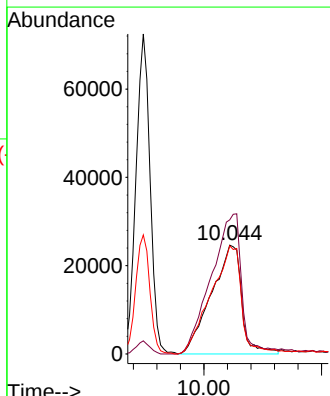
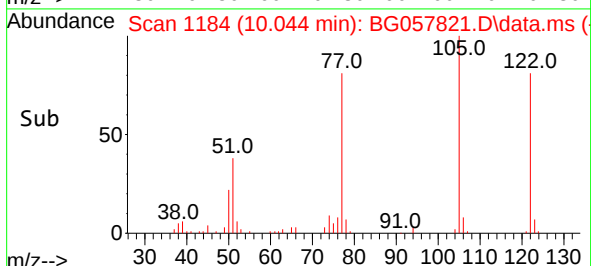
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

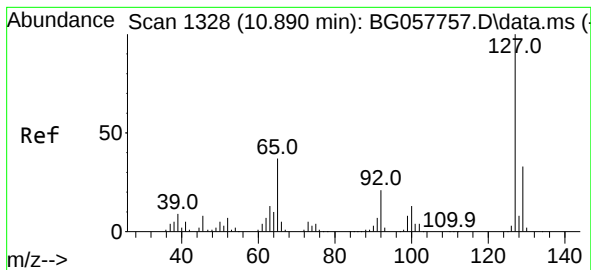


#32
Benzoic acid
Concen: 48.647 ng
RT: 10.044 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion:122 Resp: 88086
Ion Ratio Lower Upper
122 100
105 123.3 110.1 150.1
77 99.4 78.2 118.2





#33
4-Chloroaniline
Concen: 15.916 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

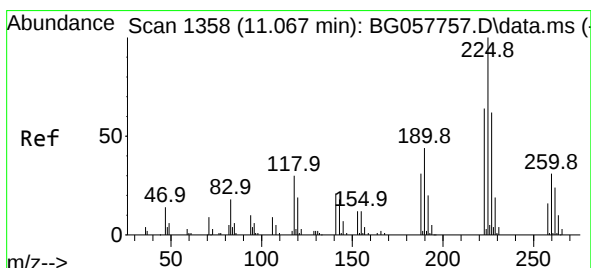
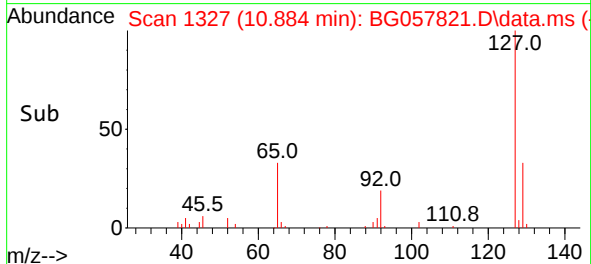
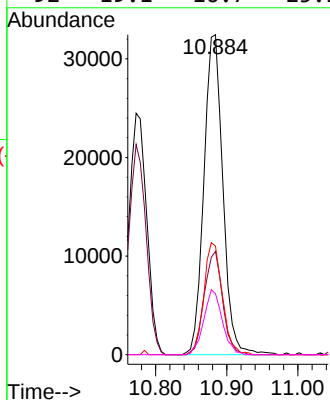
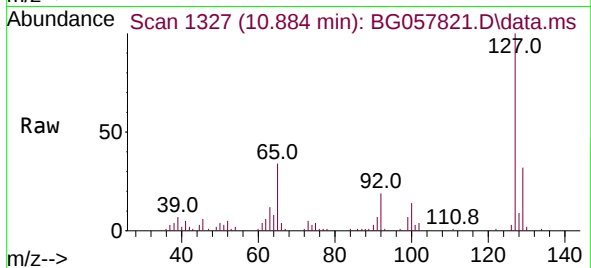
Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:127 Resp: 60434

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	34.0	29.8	44.8
92	19.1	16.7	25.1

Manual Integrations
APPROVED

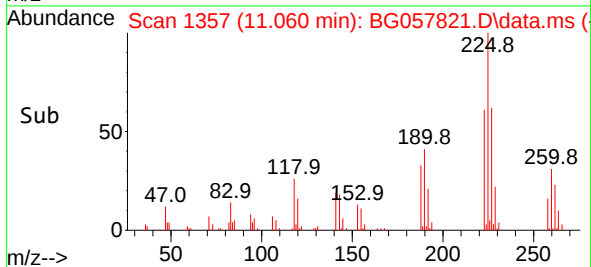
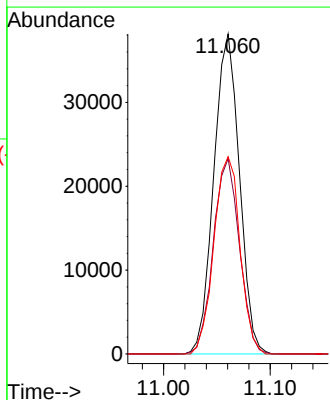
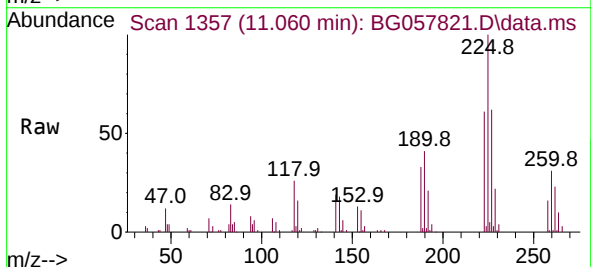
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

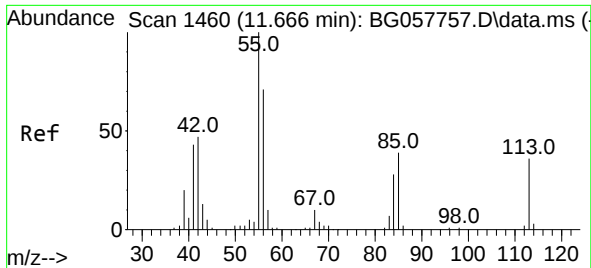


#34
Hexachlorobutadiene
Concen: 40.091 ng
RT: 11.060 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:225 Resp: 63673

Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.4	77.0
227	61.6	49.7	74.5





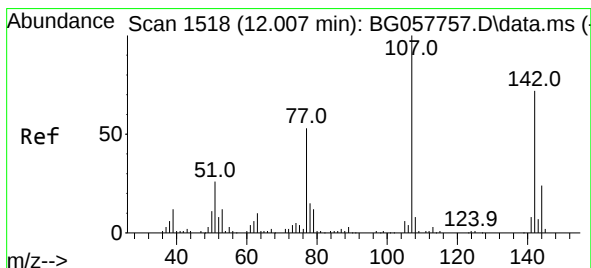
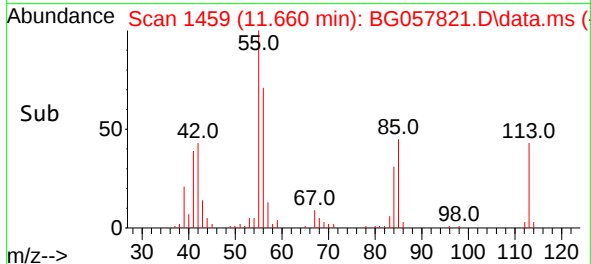
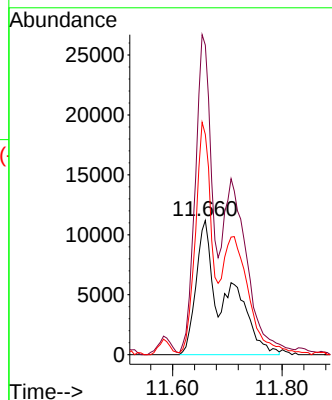
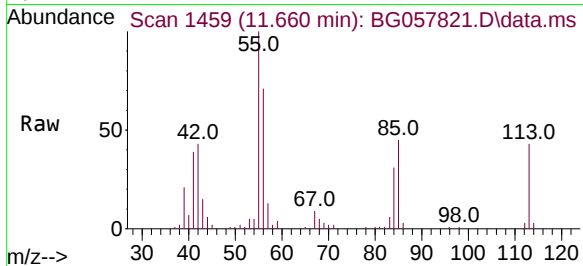
#35
Caprolactam
Concen: 44.152 ng m
RT: 11.660 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:113 Resp: 4184
Ion Ratio Lower Upper
113 100
55 230.6 255.7 295.7
56 164.2 175.2 215.2

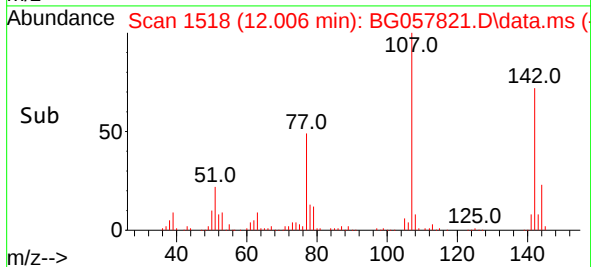
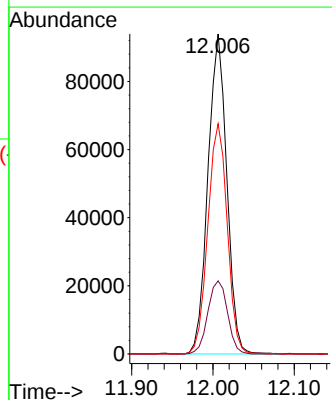
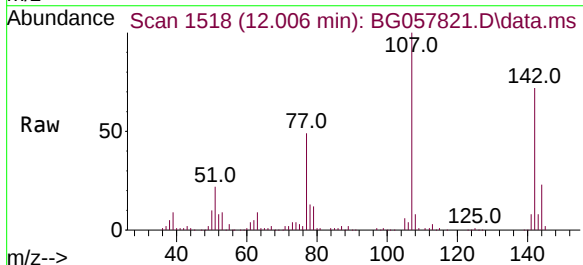
Manual Integrations
APPROVED

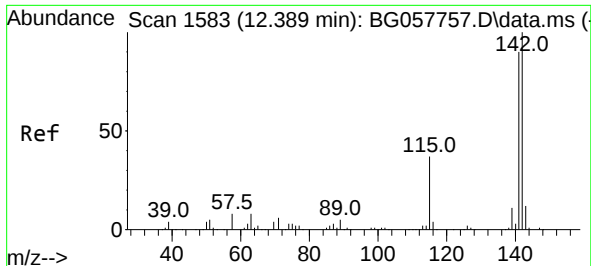
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 49.492 ng
RT: 12.006 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:107 Resp: 150956
Ion Ratio Lower Upper
107 100
144 22.8 19.5 29.3
142 71.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.210 ng

RT: 12.382 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion:142 Resp: 246160

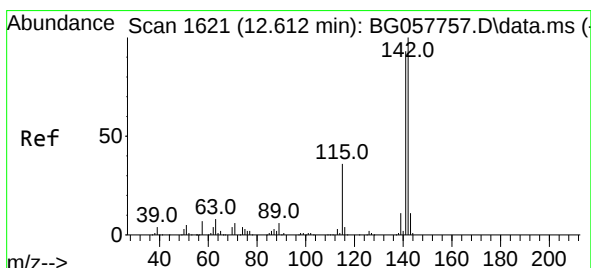
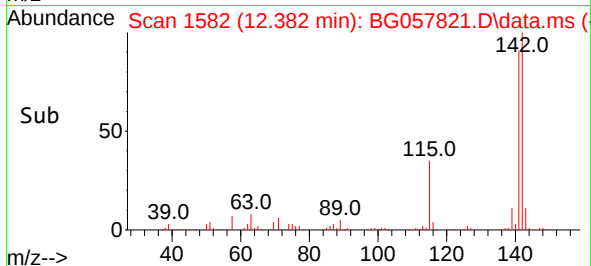
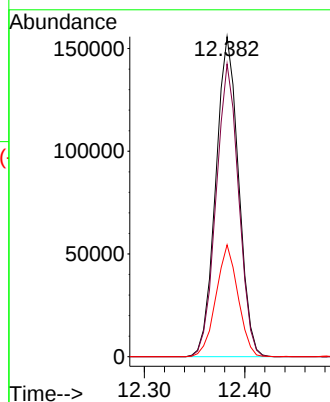
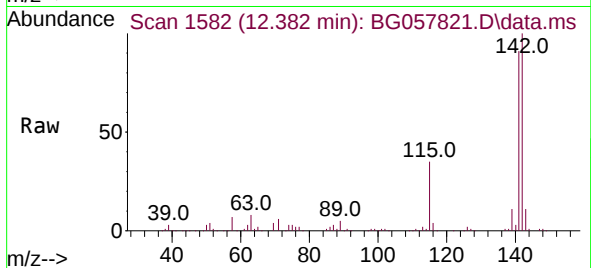
Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.1	108.1
115	35.0	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#38

1-Methylnaphthalene

Concen: 41.906 ng

RT: 12.600 min Scan# 1619

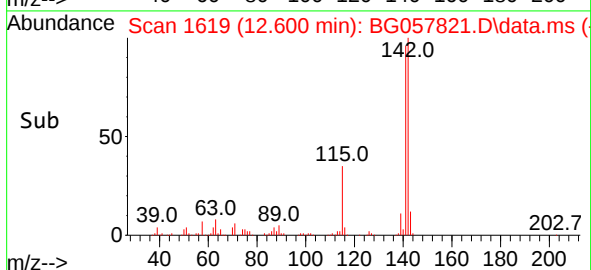
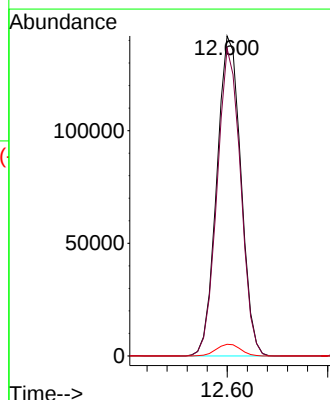
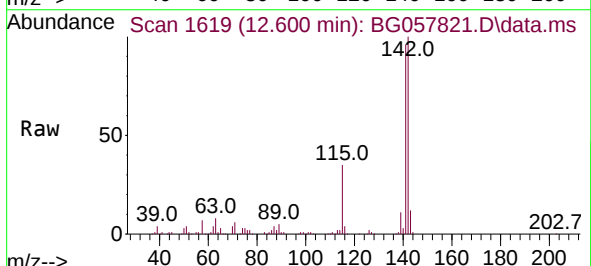
Delta R.T. -0.012 min

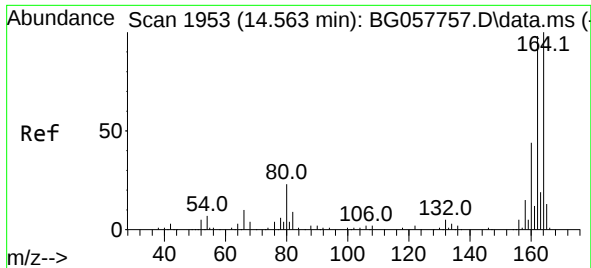
Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion:142 Resp: 236295

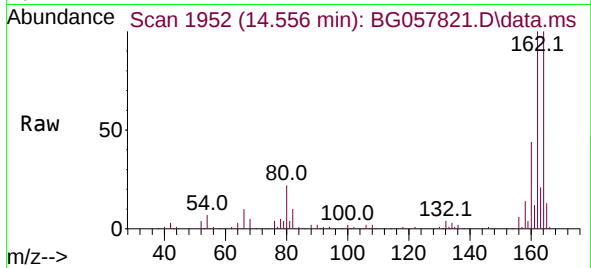
Ion	Ratio	Lower	Upper
142	100		
141	96.1	74.2	111.4
116	3.6	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

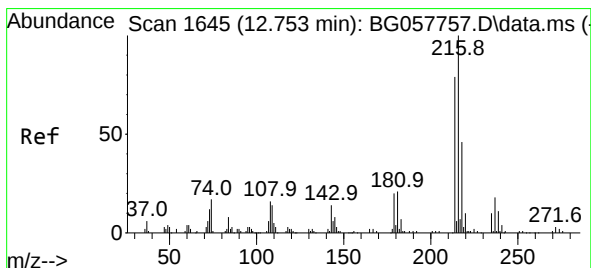
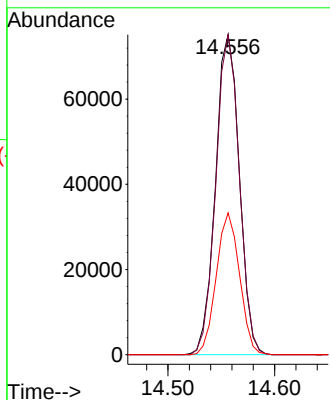
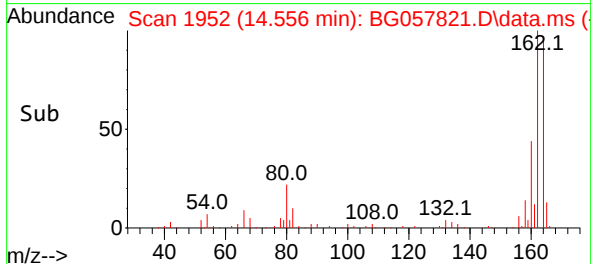
Instrument :
BNA_G
ClientSampleId :
WC-19MS



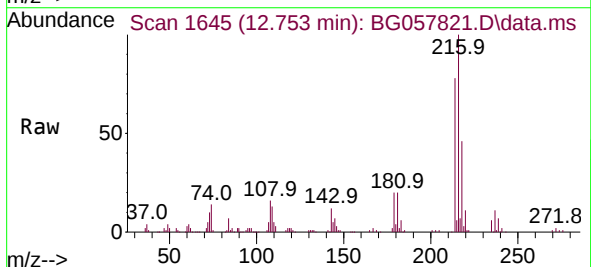
Tgt Ion:164 Resp: 116572
Ion Ratio Lower Upper
164 100
162 99.9 78.3 117.5
160 44.3 35.4 53.0

Manual Integrations
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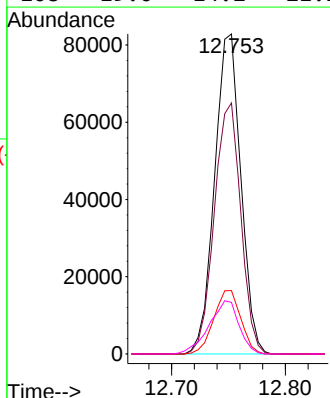
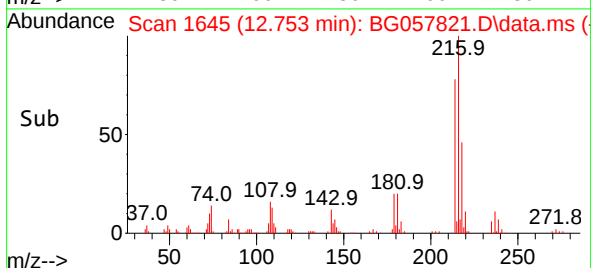
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

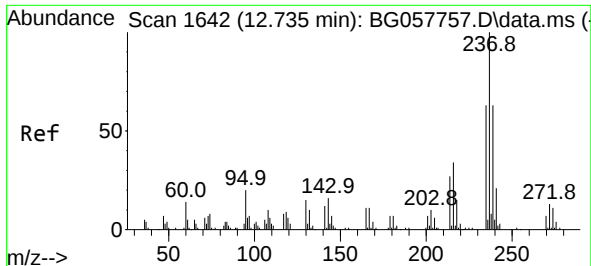


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.085 ng
RT: 12.753 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



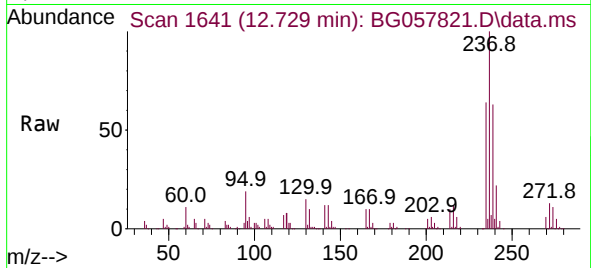
Tgt Ion:216 Resp: 132774
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 20.4 16.2 24.2
108 19.0 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 95.311 ng
RT: 12.729 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

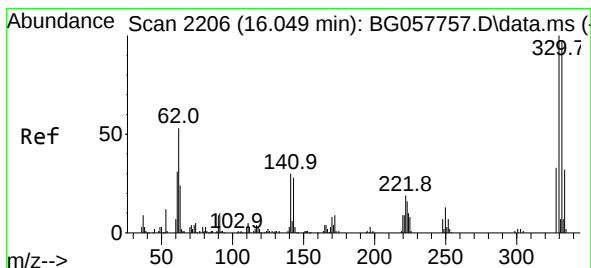
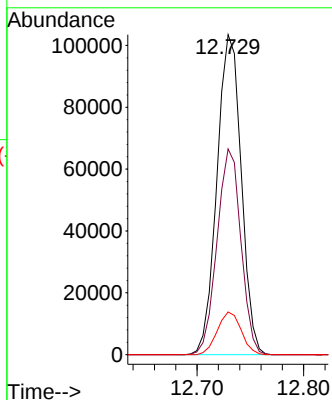
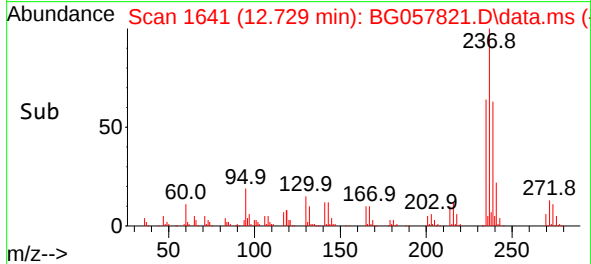
Instrument :
BNA_G
ClientSampleId :
WC-19MS



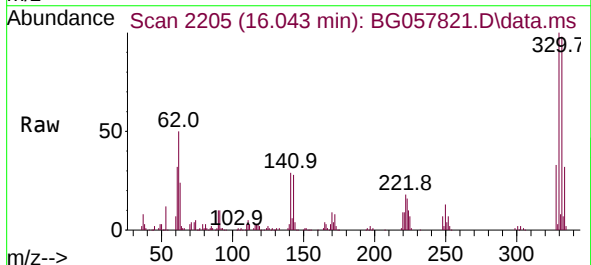
Tgt Ion:237 Resp: 16352
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.3 0.0 32.8

Manual Integrations
APPROVED

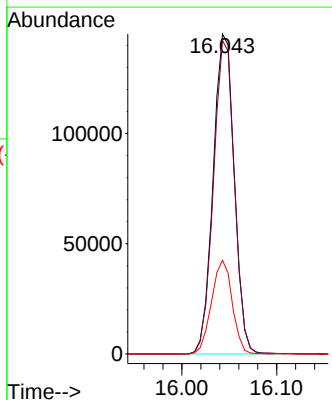
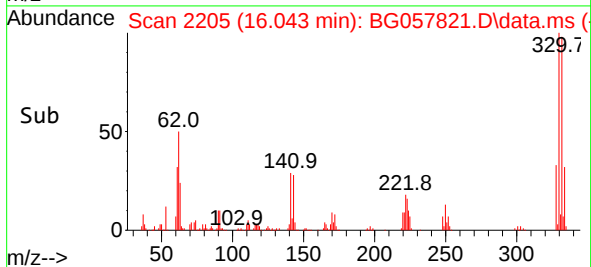
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

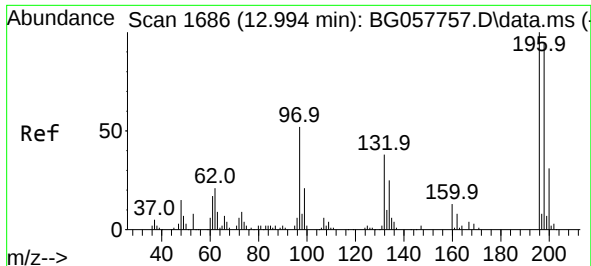


#42
2,4,6-Tribromophenol
Concen: 138.241 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion:330 Resp: 224481
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.6 24.7 37.1





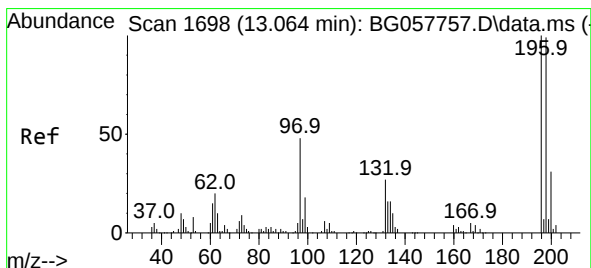
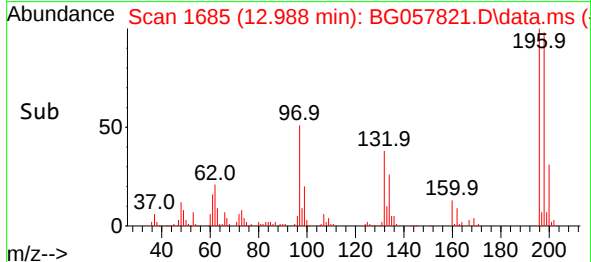
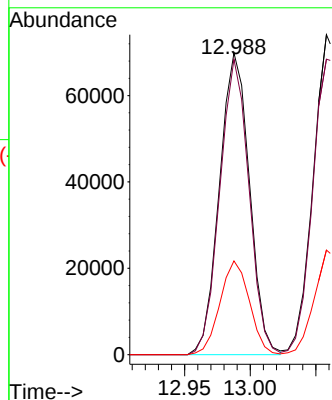
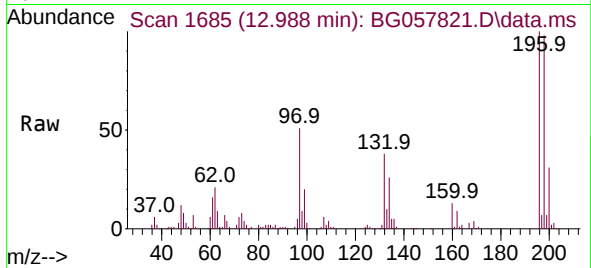
#43
2,4,6-Trichlorophenol
Concen: 48.007 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:196 Resp: 11108
Ion Ratio Lower Upper
196 100
198 97.9 75.5 113.3
200 31.1 24.6 36.8

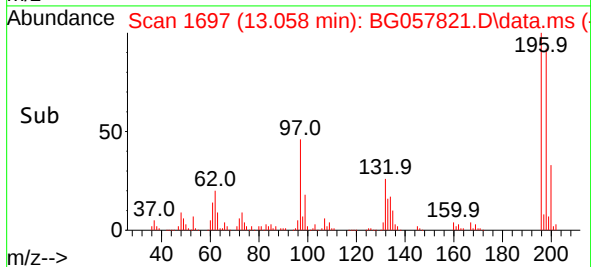
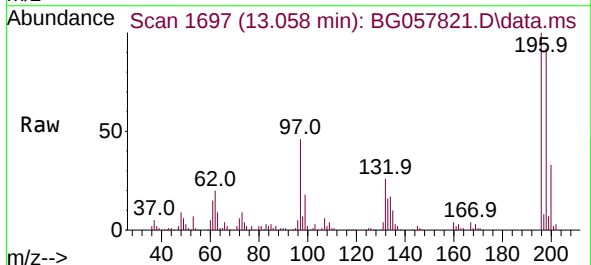
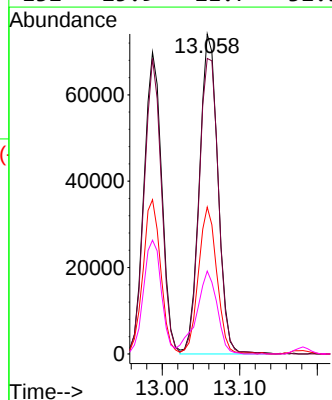
Manual Integrations
APPROVED

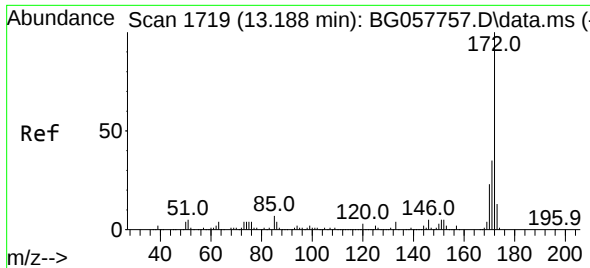
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#44
2,4,5-Trichlorophenol
Concen: 45.530 ng
RT: 13.058 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

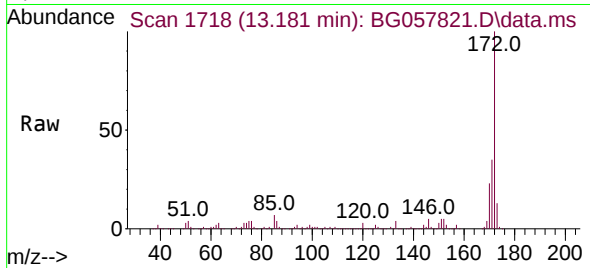
Tgt Ion:196 Resp: 122807
Ion Ratio Lower Upper
196 100
198 92.4 78.9 118.3
97 45.9 38.3 57.5
132 25.9 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 78.111 ng
RT: 13.181 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

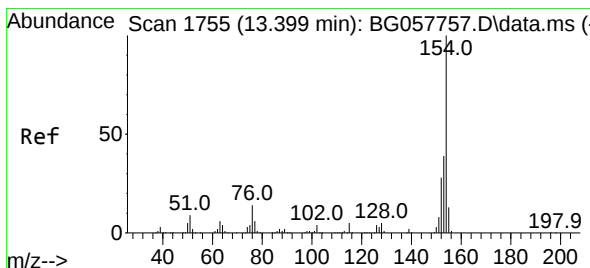
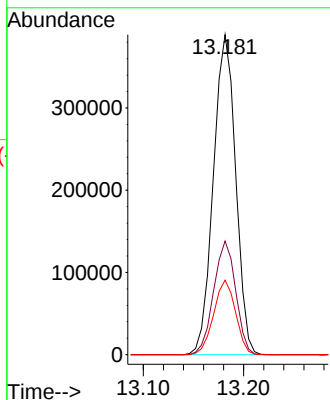
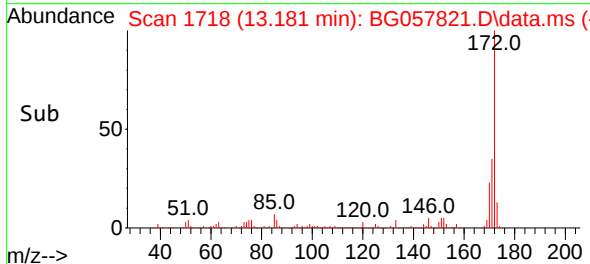
Instrument :
BNA_G
ClientSampleId :
WC-19MS



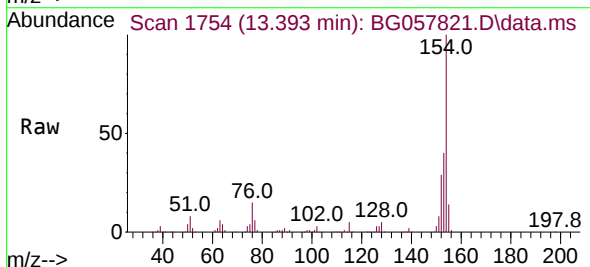
Tgt Ion:172 Resp: 600330
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 27.8

Manual Integrations
APPROVED

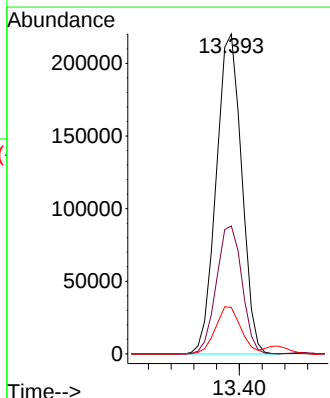
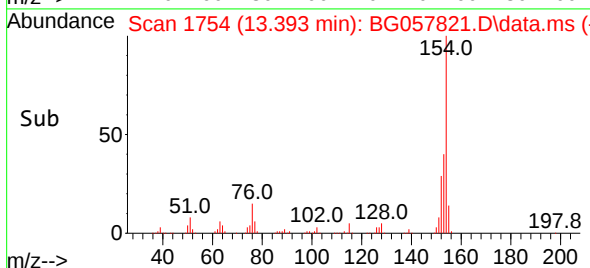
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

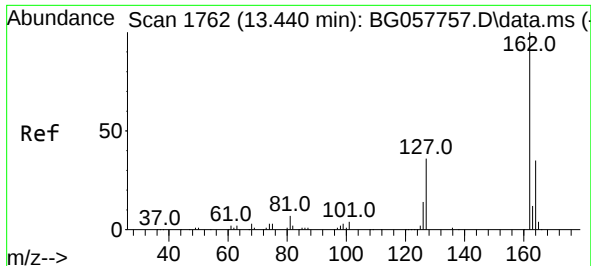


#46
1,1'-Biphenyl
Concen: 42.767 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



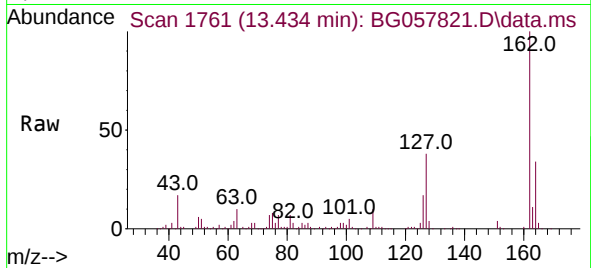
Tgt Ion:154 Resp: 342314
Ion Ratio Lower Upper
154 100
153 40.0 19.1 59.1
76 14.6 0.0 34.3





#47
2-Chloronaphthalene
Concen: 42.655 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

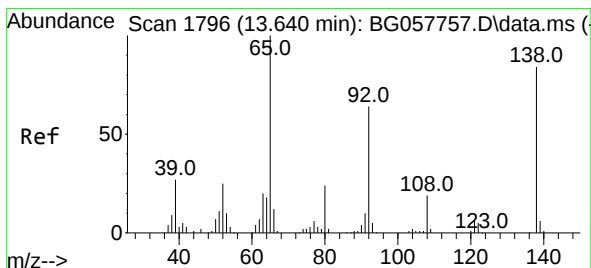
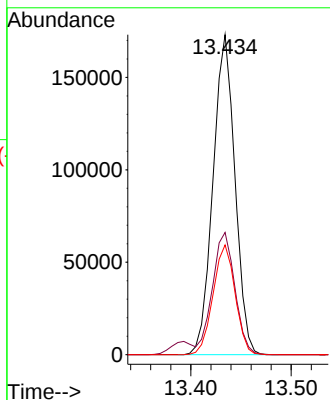
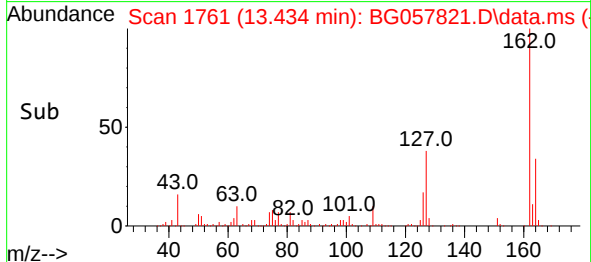
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:162 Resp: 26229
Ion Ratio Lower Upper
162 100
127 38.2 32.2 48.2
164 34.3 28.0 42.0

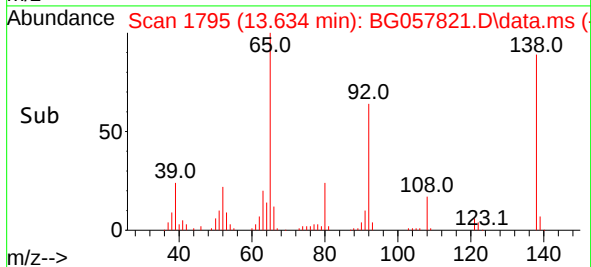
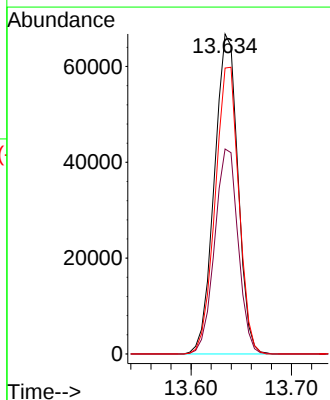
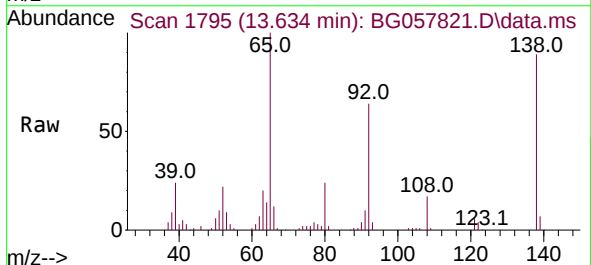
Manual Integrations
APPROVED

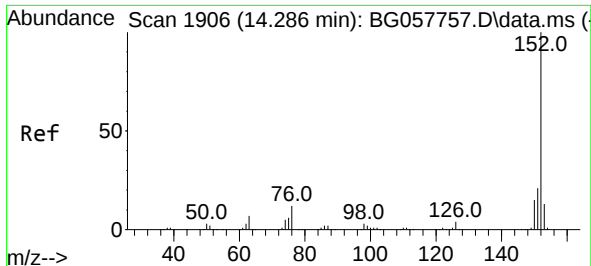
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#48
2-Nitroaniline
Concen: 49.713 ng
RT: 13.634 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

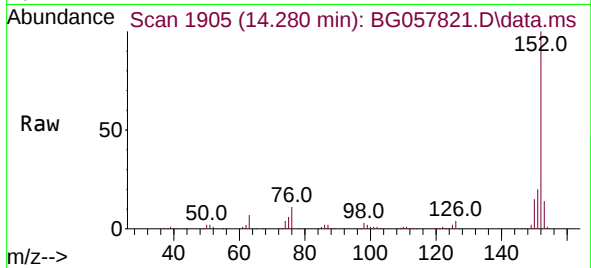
Tgt Ion: 65 Resp: 108635
Ion Ratio Lower Upper
65 100
92 64.0 51.2 76.8
138 89.4 67.2 100.8





#49
Acenaphthylene
Concen: 43.107 ng
RT: 14.280 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

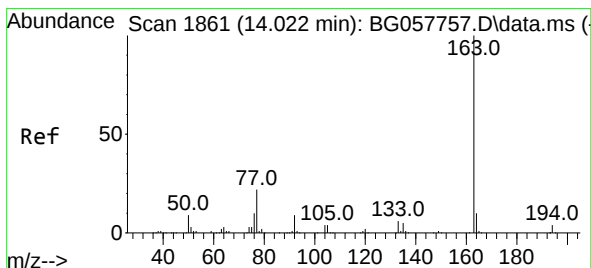
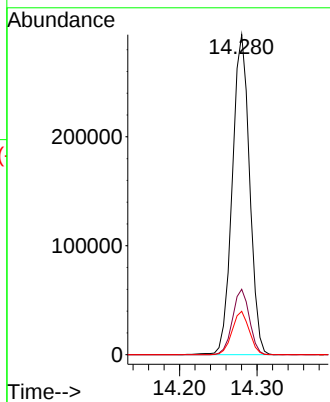
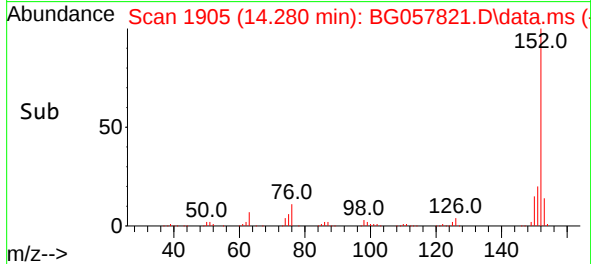
Instrument :
BNA_G
ClientSampleId :
WC-19MS



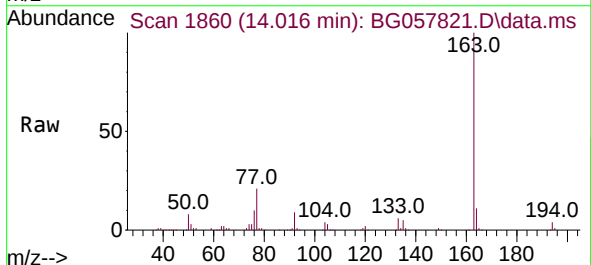
Tgt Ion:152 Resp: 454980
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.4
153 13.5 10.5 15.7

Manual Integrations
APPROVED

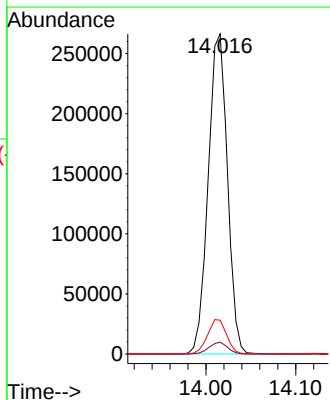
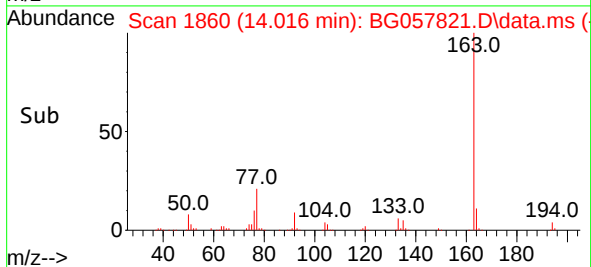
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

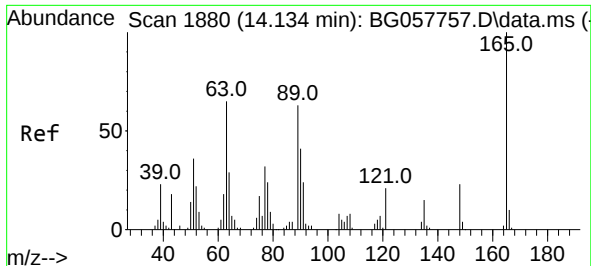


#50
Dimethylphthalate
Concen: 44.198 ng
RT: 14.016 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



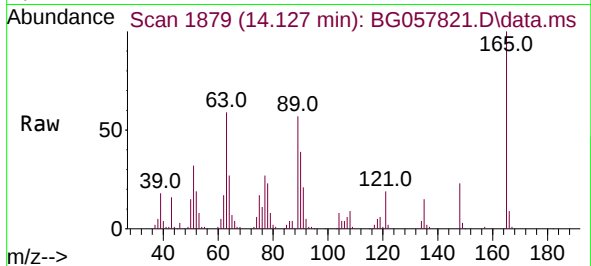
Tgt Ion:163 Resp: 395719
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.5 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 52.279 ng
RT: 14.127 min Scan# 1880
Delta R.T. -0.007 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

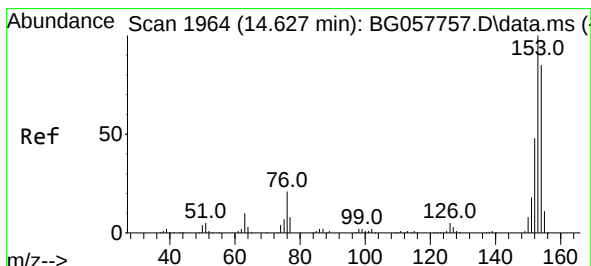
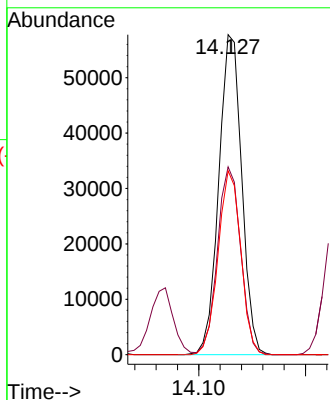
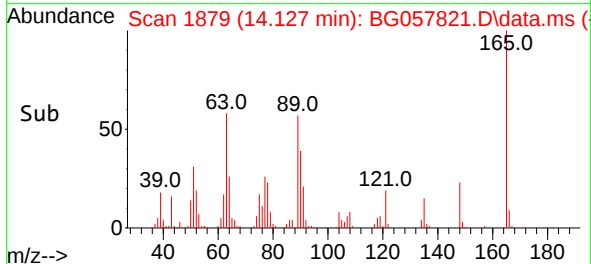
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:165 Resp: 86194
Ion Ratio Lower Upper
165 100
63 58.7 52.8 79.2
89 57.4 50.7 76.1

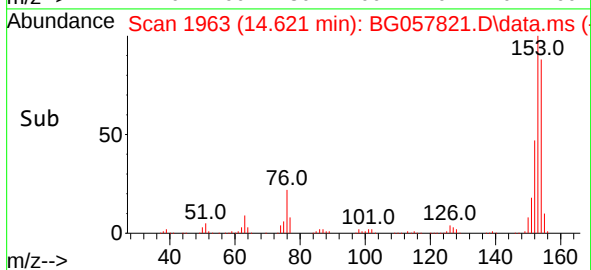
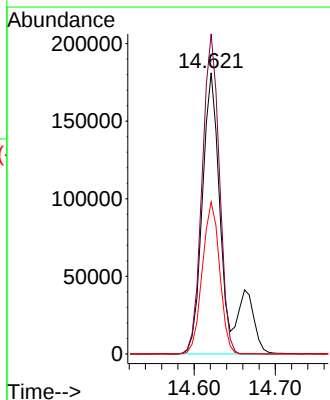
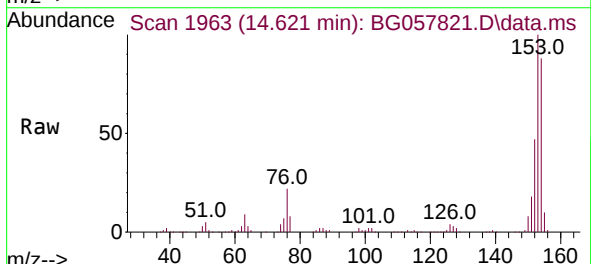
Manual Integrations
APPROVED

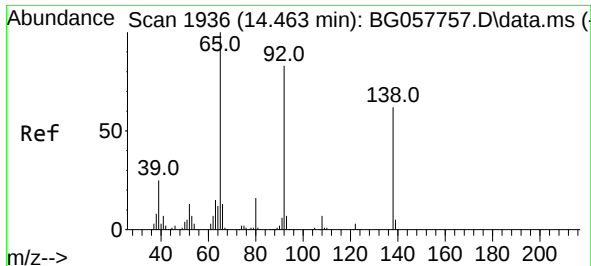
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 49.015 ng m
RT: 14.621 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:154 Resp: 320271
Ion Ratio Lower Upper
154 100
153 113.8 93.6 140.4
152 54.0 44.7 67.1





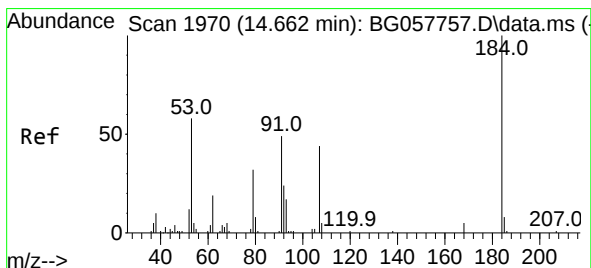
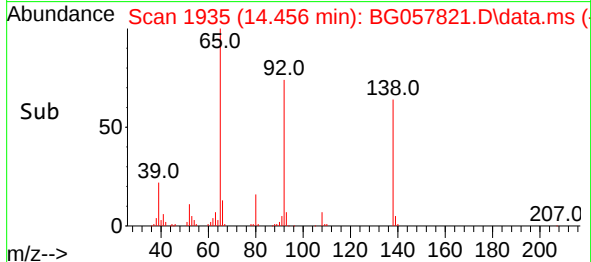
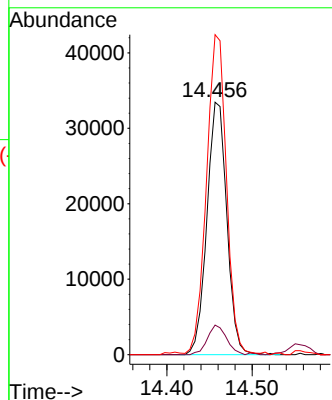
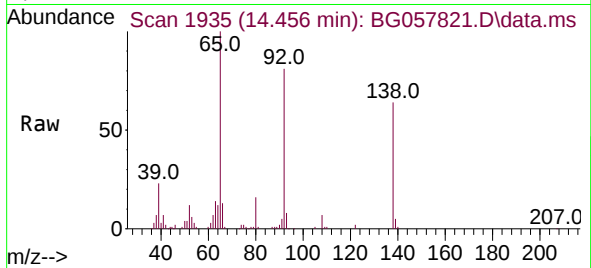
#53
3-Nitroaniline
Concen: 29.267 ng
RT: 14.456 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:138 Resp: 54380
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 126.8 106.4 159.6

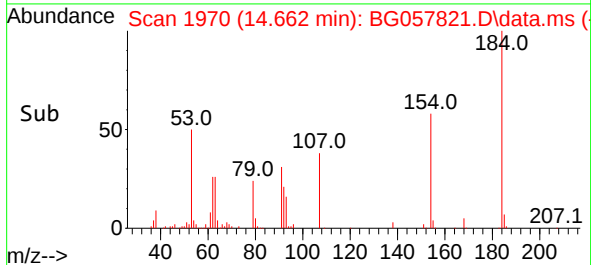
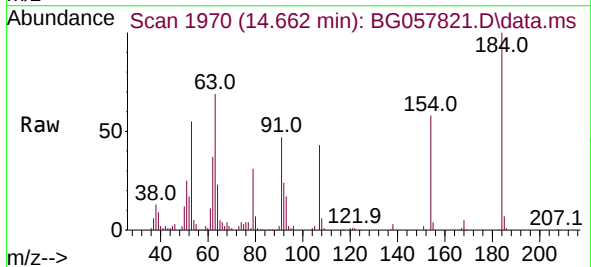
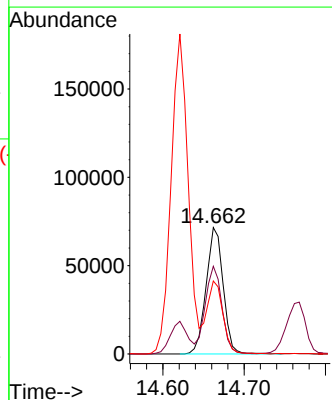
Manual Integrations
APPROVED

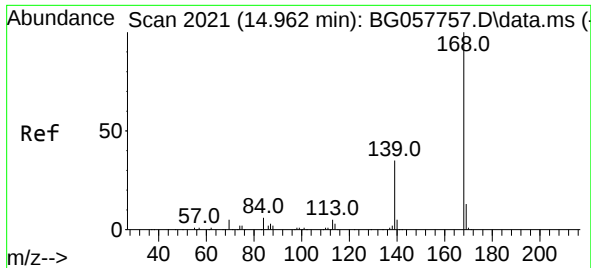
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#54
2,4-Dinitrophenol
Concen: 116.101 ng
RT: 14.662 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:184 Resp: 104162
Ion Ratio Lower Upper
184 100
63 69.3 55.2 82.8
154 57.7 47.4 71.0





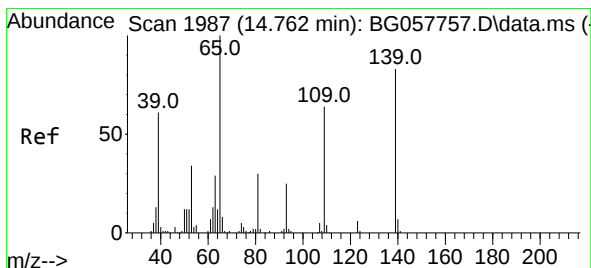
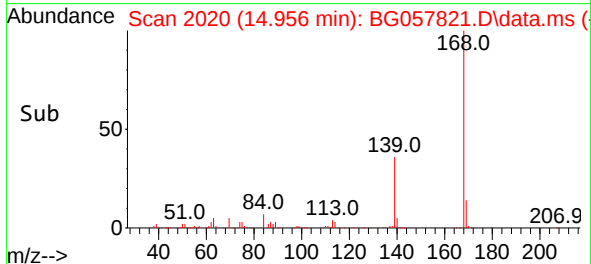
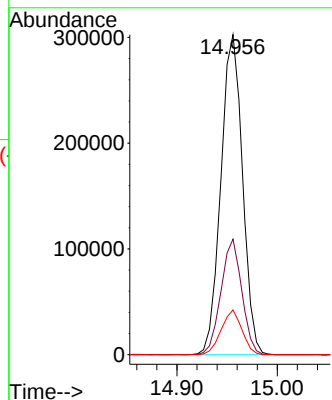
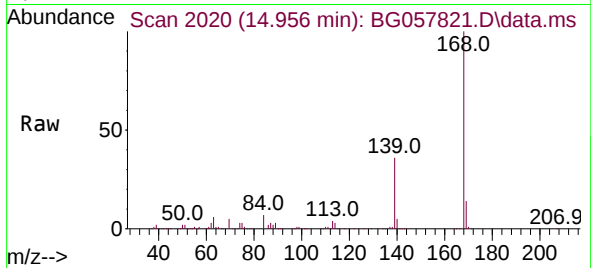
#55
Dibenzenofuran
Concen: 43.019 ng
RT: 14.956 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:168 Resp: 451974
Ion Ratio Lower Upper
168 100
139 36.1 28.1 42.1
169 14.0 10.7 16.1

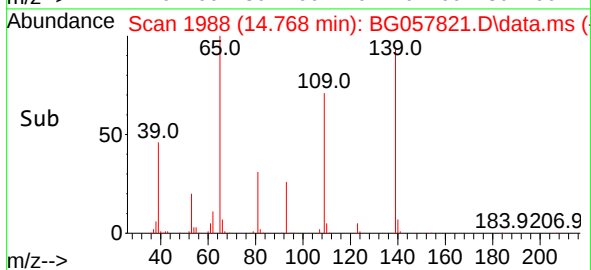
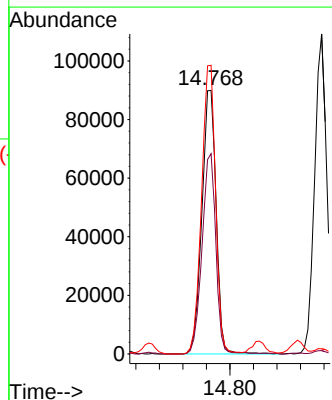
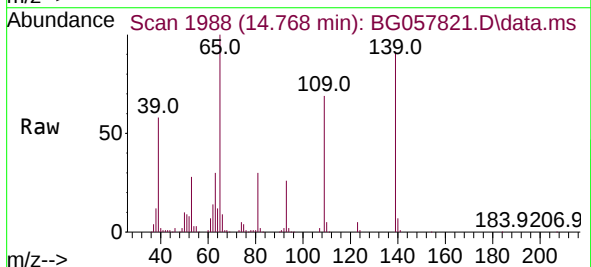
Manual Integrations
APPROVED

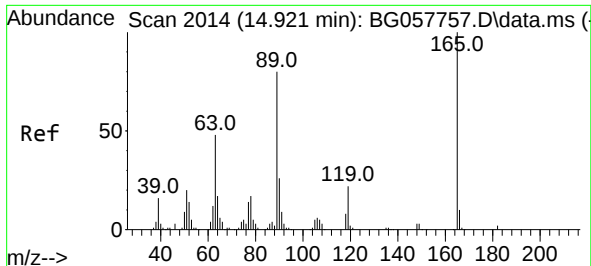
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 102.346 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.005 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

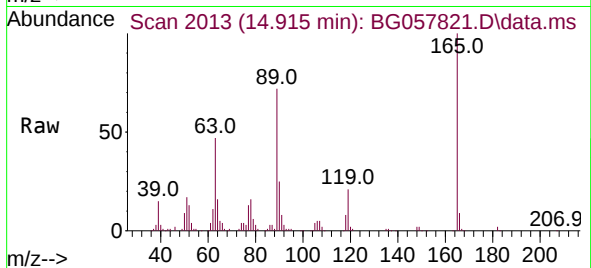
Tgt Ion:139 Resp: 151127
Ion Ratio Lower Upper
139 100
109 76.0 57.3 97.3
65 109.5 100.0 140.0





#57
2,4-Dinitrotoluene
Concen: 55.529 ng
RT: 14.915 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

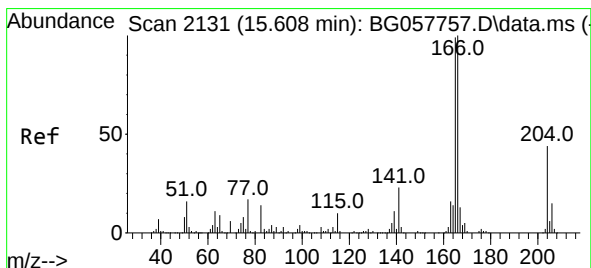
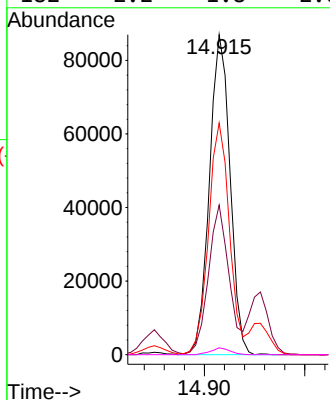
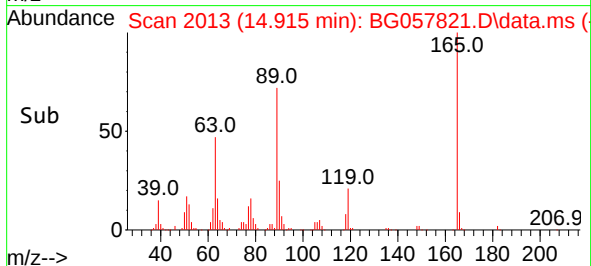
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:165 Resp: 124154
Ion Ratio Lower Upper
165 100
63 46.8 38.6 58.0
89 72.4 63.7 95.5
182 2.2 1.8 2.6

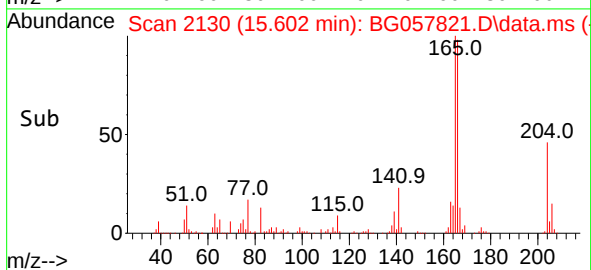
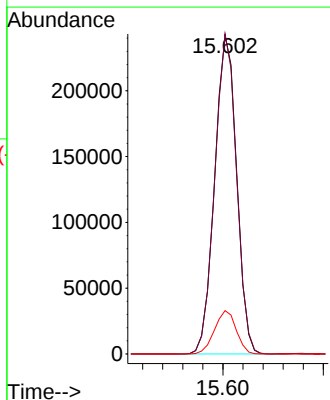
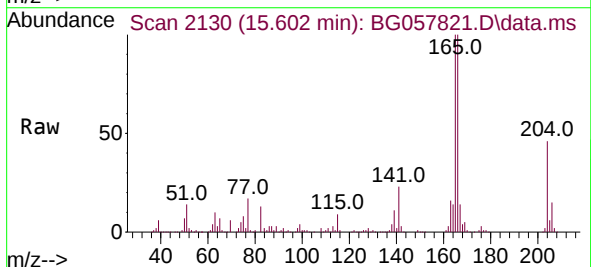
Manual Integrations
APPROVED

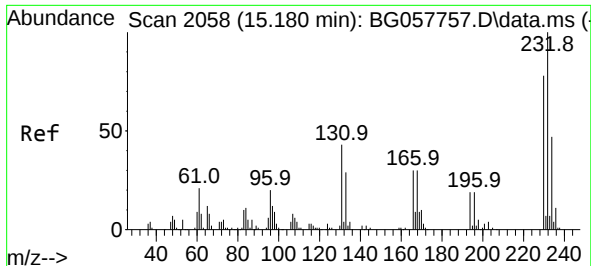
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#58
Fluorene
Concen: 44.177 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

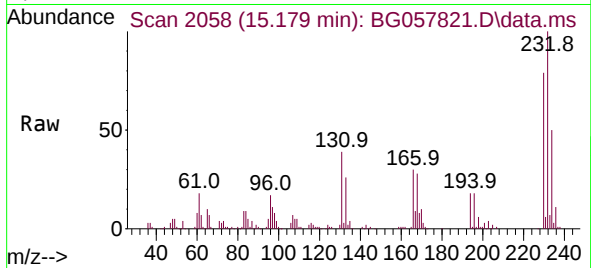
Tgt Ion:166 Resp: 367403
Ion Ratio Lower Upper
166 100
165 100.3 79.5 119.3
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.099 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

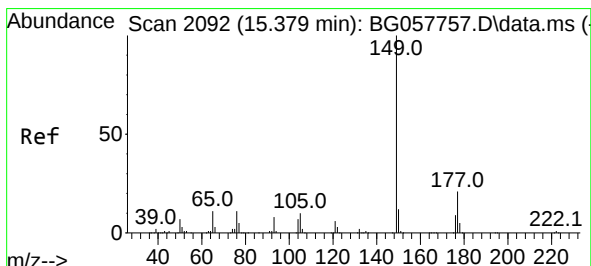
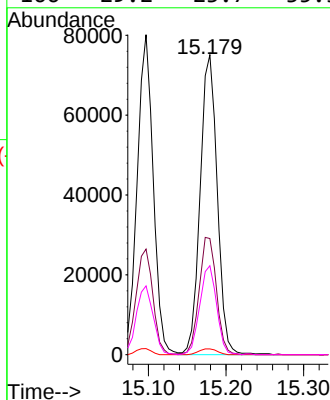
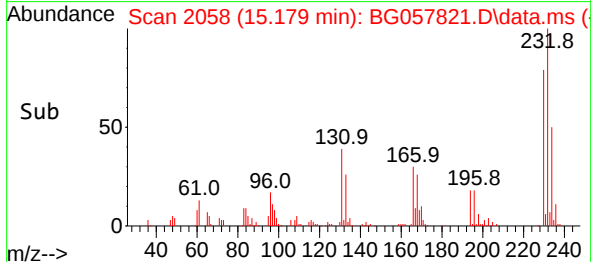
Instrument :
BNA_G
ClientSampleId :
WC-19MS



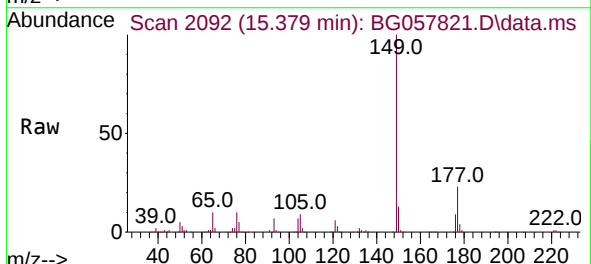
Tgt Ion:232 Resp: 11516
Ion Ratio Lower Upper
232 100
131 39.6 31.9 47.9
130 2.1 1.6 2.4
166 29.2 23.7 35.5

Manual Integrations
APPROVED

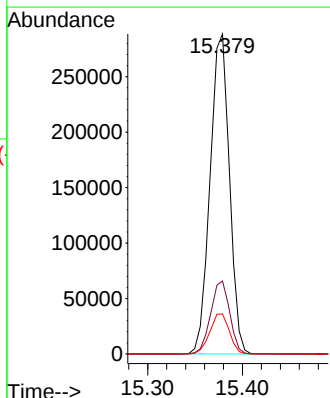
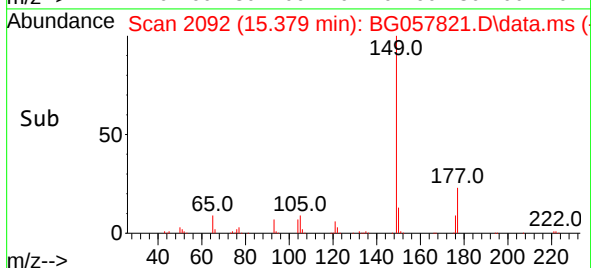
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

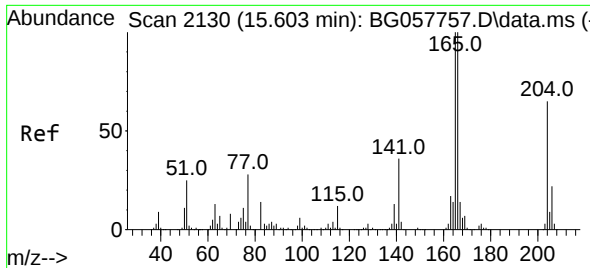


#60
Diethylphthalate
Concen: 44.440 ng
RT: 15.379 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



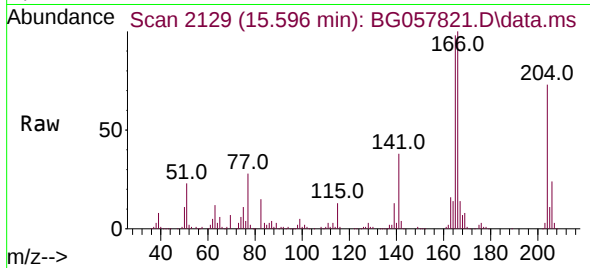
Tgt Ion:149 Resp: 408201
Ion Ratio Lower Upper
149 100
177 22.8 17.0 25.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.263 ng
RT: 15.596 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

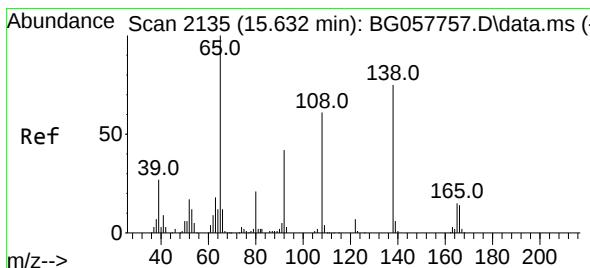
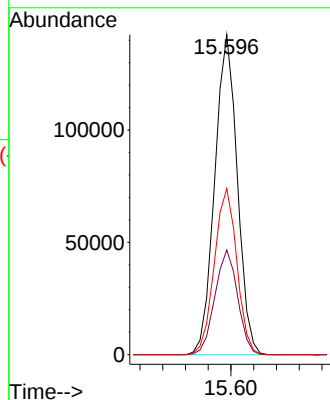
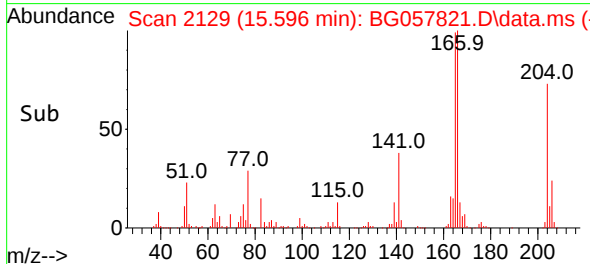
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:204 Resp: 195730
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 51.9 44.3 66.5

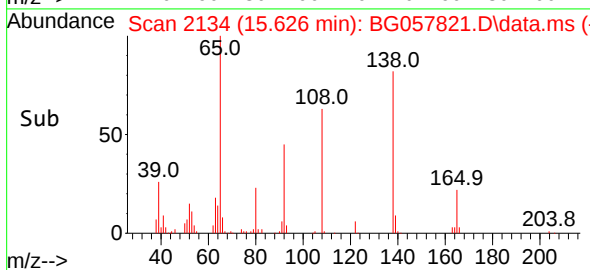
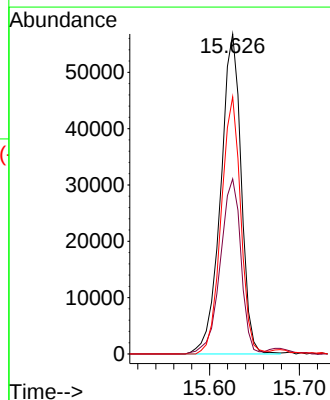
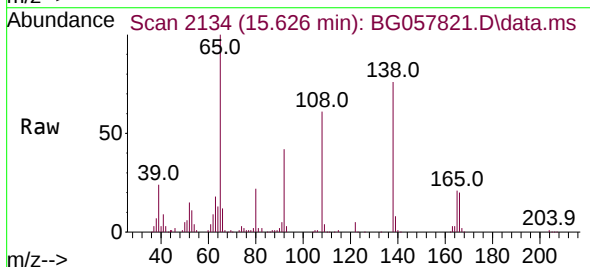
Manual Integrations
APPROVED

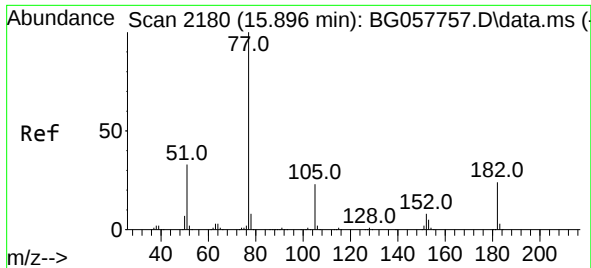
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#62
4-Nitroaniline
Concen: 47.596 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

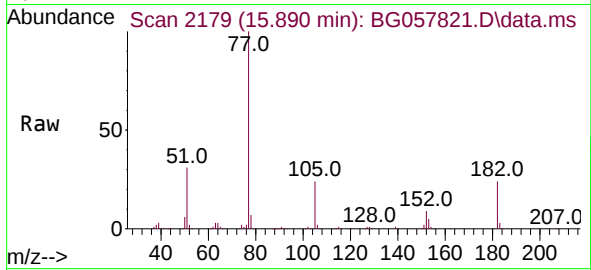
Tgt Ion:138 Resp: 90157
Ion Ratio Lower Upper
138 100
92 54.7 35.9 75.9
108 80.3 62.1 102.1





#63
Azobenzene
Concen: 41.898 ng
RT: 15.890 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

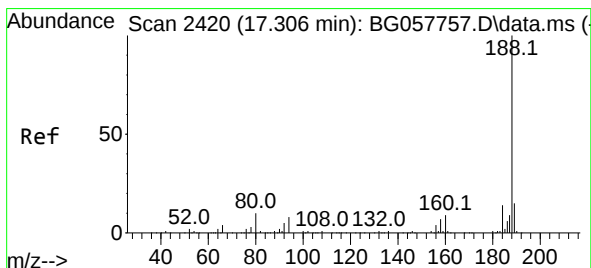
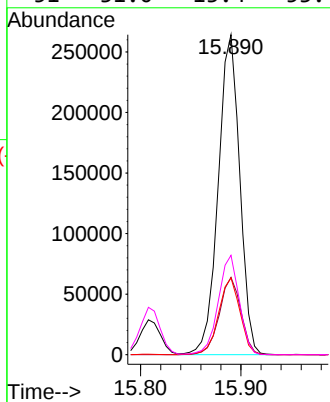
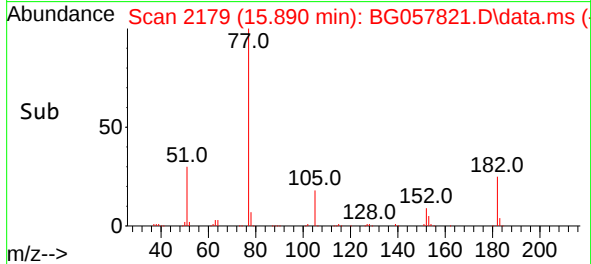
Instrument :
BNA_G
ClientSampleId :
WC-19MS



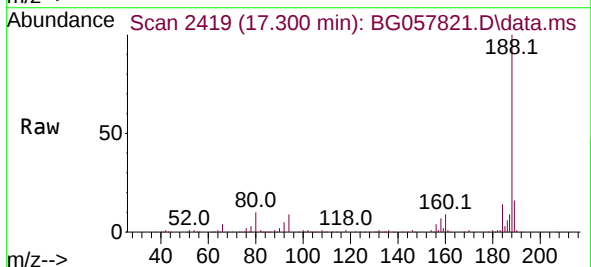
Tgt Ion: 77 Resp: 393669
Ion Ratio Lower Upper
77 100
182 24.2 4.1 44.1
105 24.0 3.3 43.3
51 31.0 13.4 53.4

Manual Integrations
APPROVED

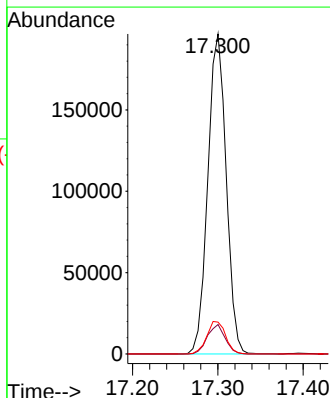
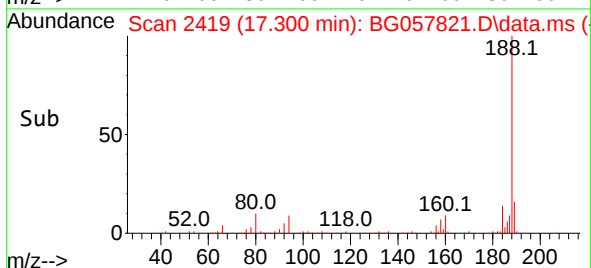
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

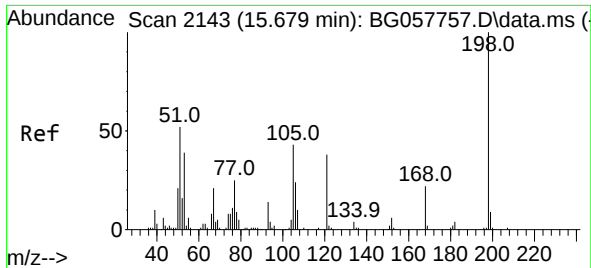


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion:188 Resp: 294768
Ion Ratio Lower Upper
188 100
94 9.2 6.6 9.8
80 9.9 7.6 11.4





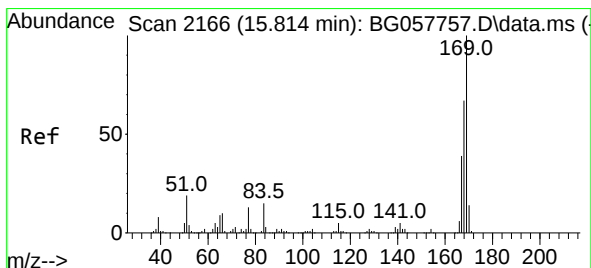
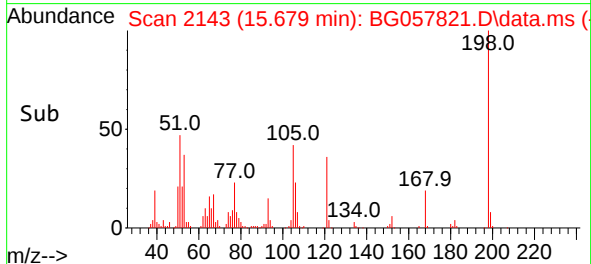
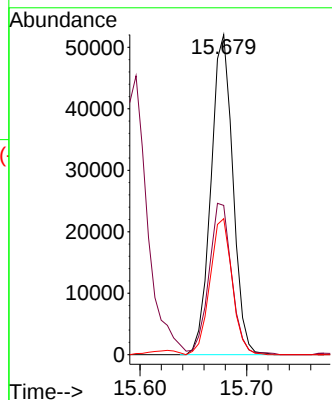
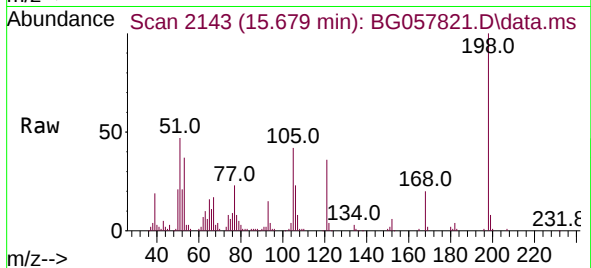
#65
4,6-Dinitro-2-methylphenol
Concen: 54.043 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.001 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:198 Resp: 74199
Ion Ratio Lower Upper
198 100
51 46.7 36.6 76.6
105 42.5 24.3 64.3

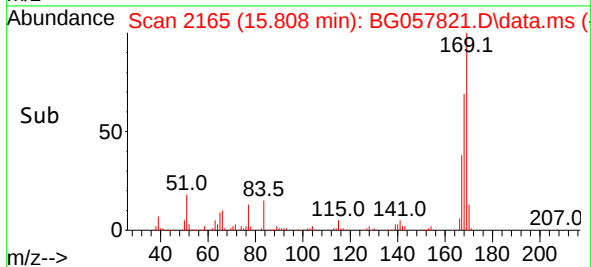
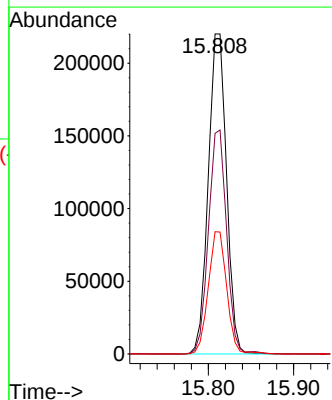
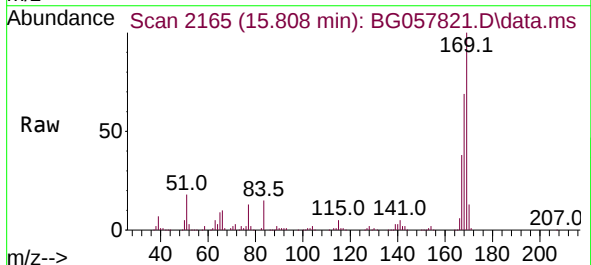
Manual Integrations
APPROVED

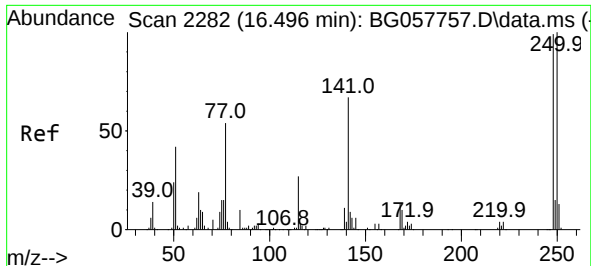
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 42.101 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

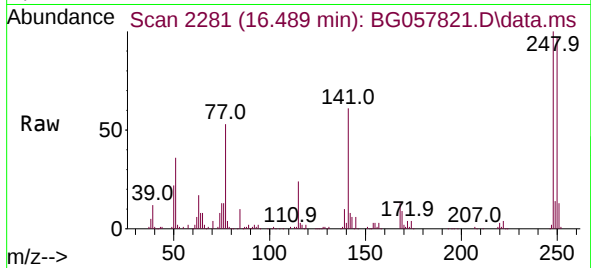
Tgt Ion:169 Resp: 327539
Ion Ratio Lower Upper
169 100
168 68.9 53.4 80.2
167 38.2 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 43.471 ng
RT: 16.489 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

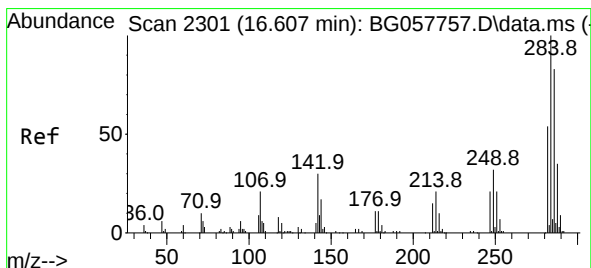
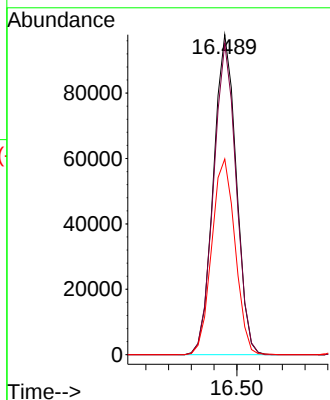
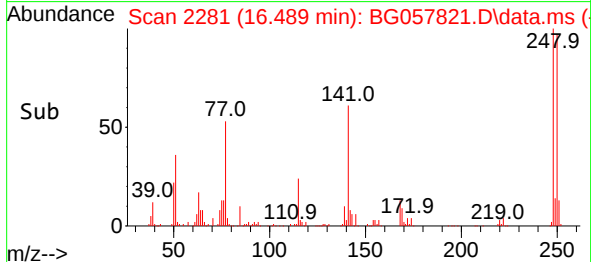
Instrument :
BNA_G
ClientSampleId :
WC-19MS



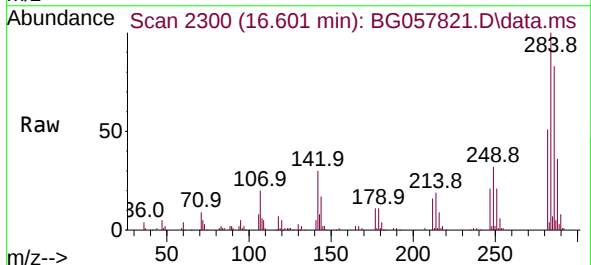
Tgt Ion:248 Resp: 13589
Ion Ratio Lower Upper
248 100
250 97.2 81.1 121.7
141 61.1 54.6 81.8

Manual Integrations
APPROVED

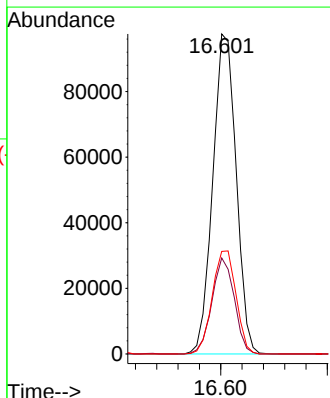
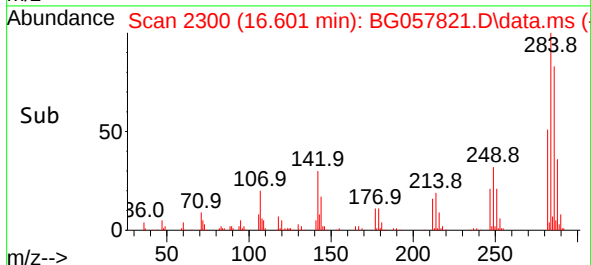
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

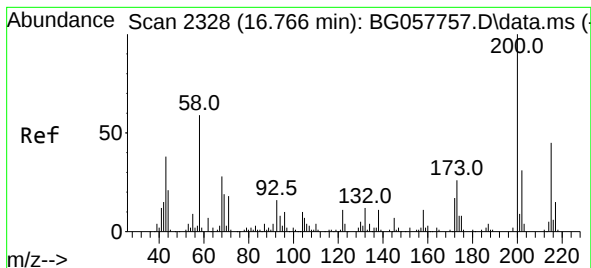


#68
Hexachlorobenzene
Concen: 46.526 ng
RT: 16.601 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion:284 Resp: 148272
Ion Ratio Lower Upper
284 100
142 30.0 24.2 36.4
249 32.0 25.9 38.9





#69

Atrazine

Concen: 40.416 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion:200 Resp: 107934

Ion Ratio Lower Upper

200 100

173 26.6 5.6 45.6

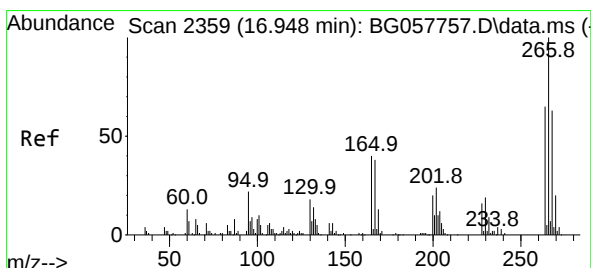
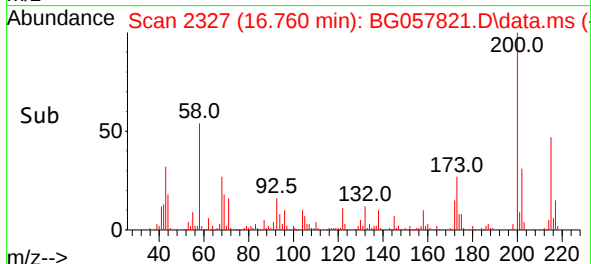
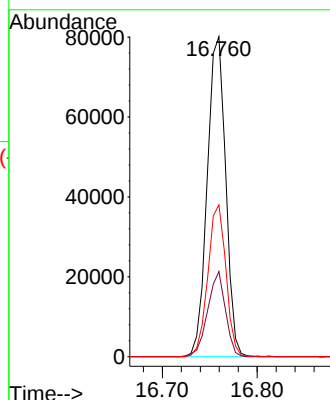
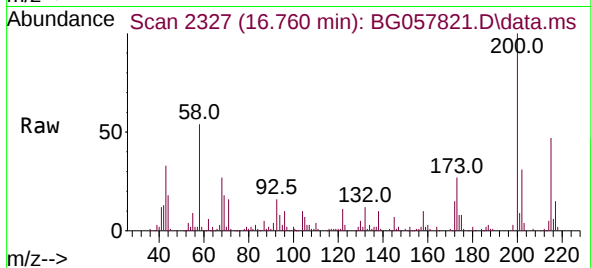
215 47.5 24.6 64.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 86.954 ng

RT: 16.948 min Scan# 2359

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

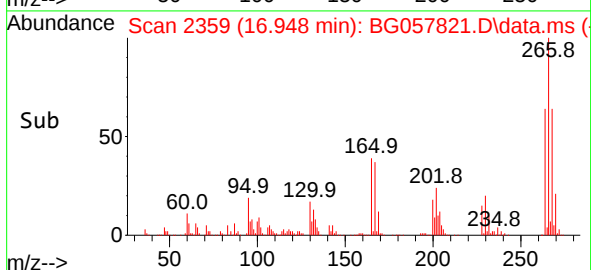
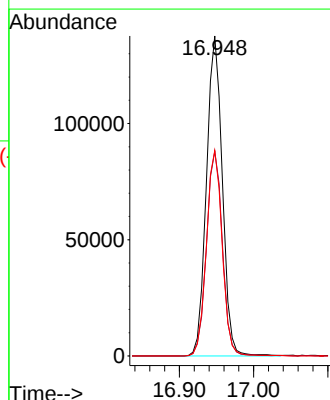
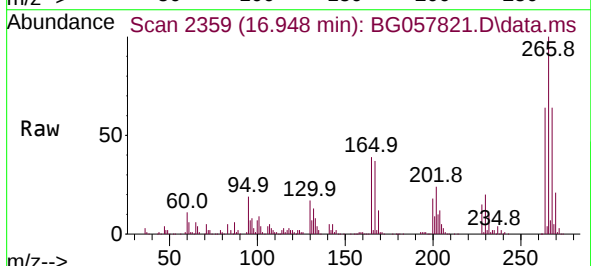
Tgt Ion:266 Resp: 204722

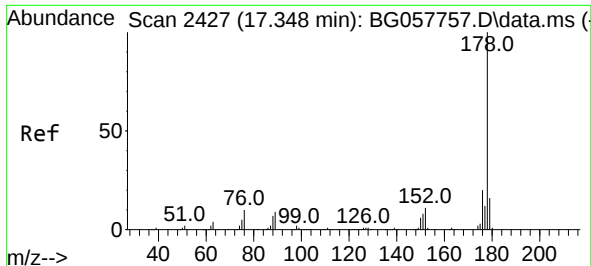
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 64.2 51.8 77.6





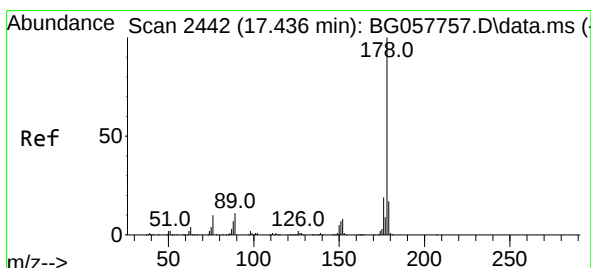
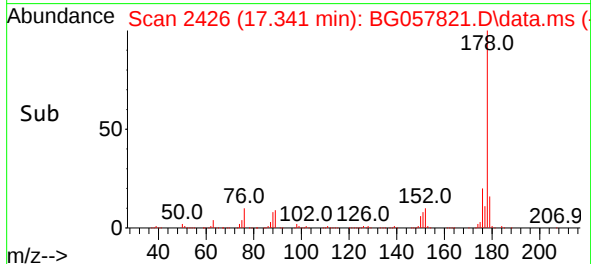
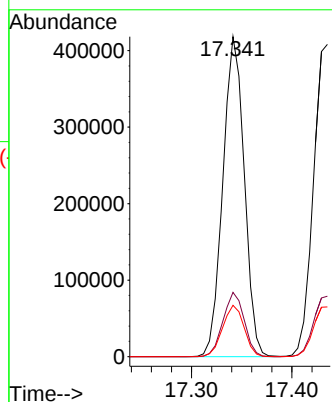
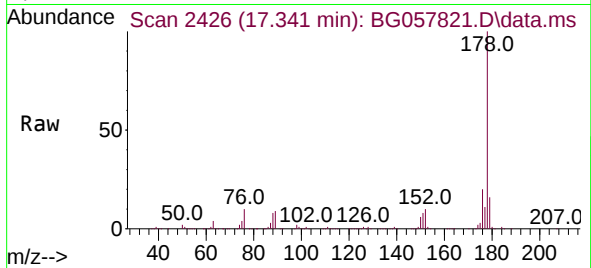
#71
Phenanthrene
Concen: 43.484 ng
RT: 17.341 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:178 Resp: 620615
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.1 13.0 19.6

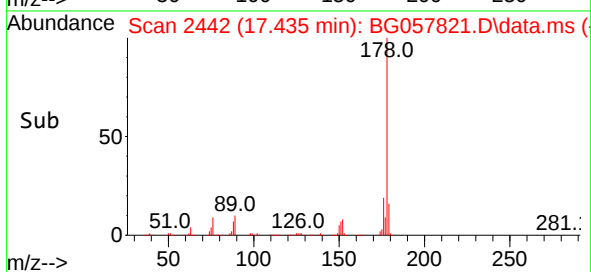
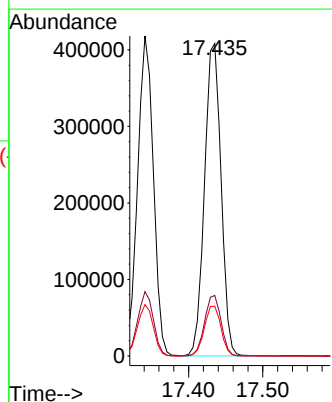
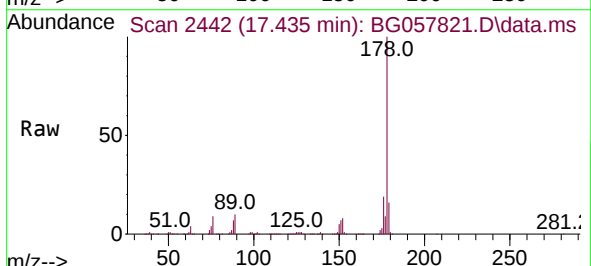
Manual Integrations
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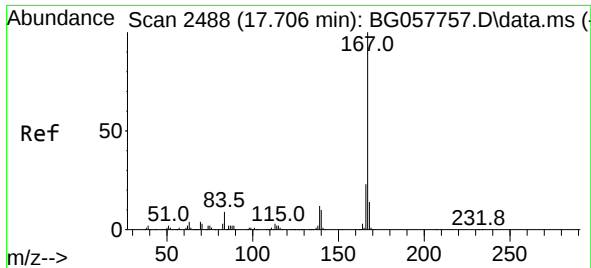
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#72
Anthracene
Concen: 43.515 ng
RT: 17.435 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:178 Resp: 634171
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 13.3 19.9





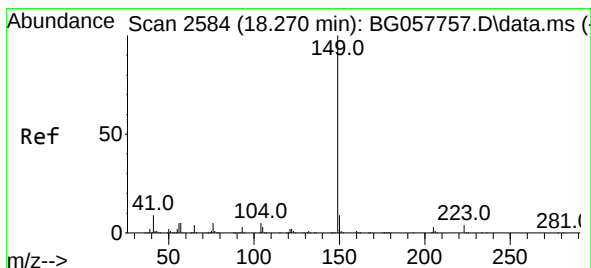
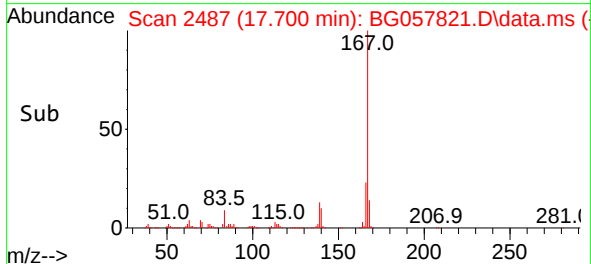
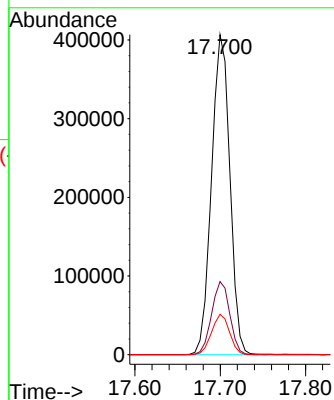
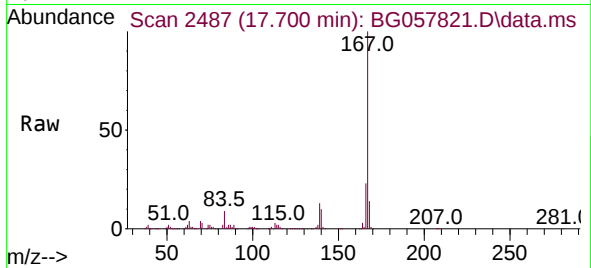
#73
Carbazole
Concen: 45.175 ng
RT: 17.700 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
WC-19MS

Tgt Ion:167 Resp: 607030
Ion Ratio Lower Upper
167 100
166 22.9 18.4 27.6
139 12.6 9.9 14.9

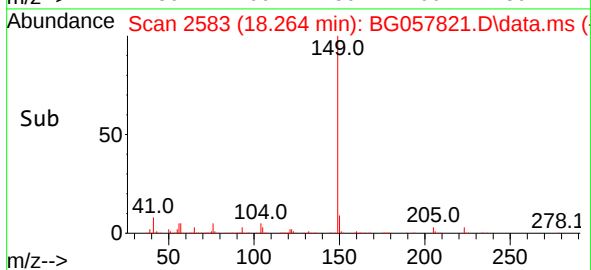
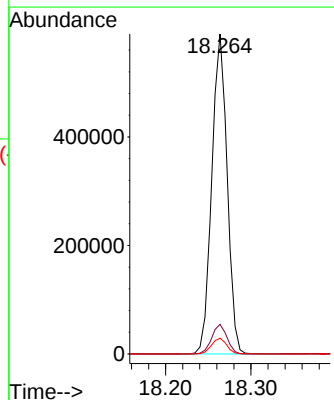
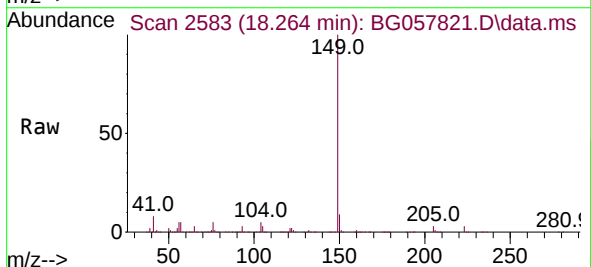
Manual Integrations
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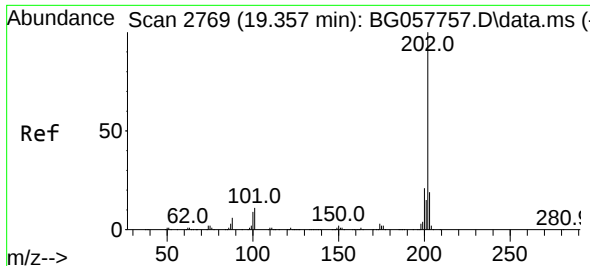
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#74
Di-n-butylphthalate
Concen: 46.303 ng
RT: 18.264 min Scan# 2583
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

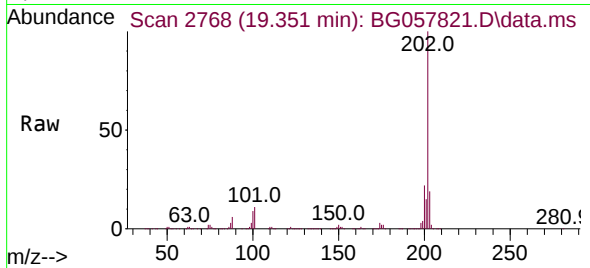
Tgt Ion:149 Resp: 736717
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 44.684 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

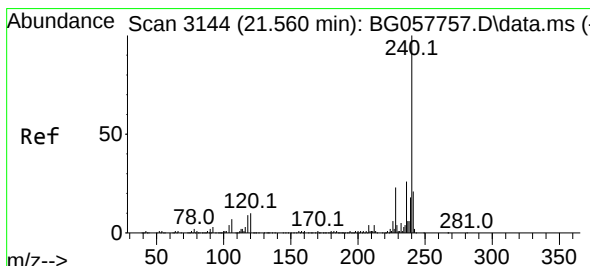
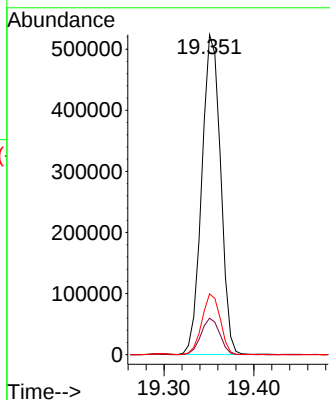
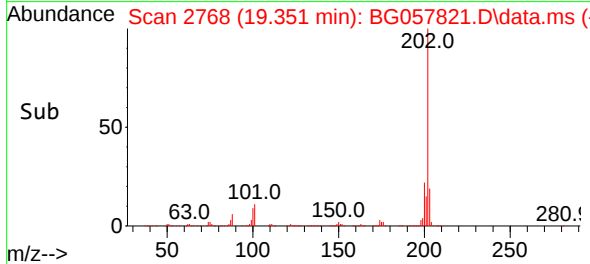
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:202 Resp: 759734
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 19.0 0.0 38.7

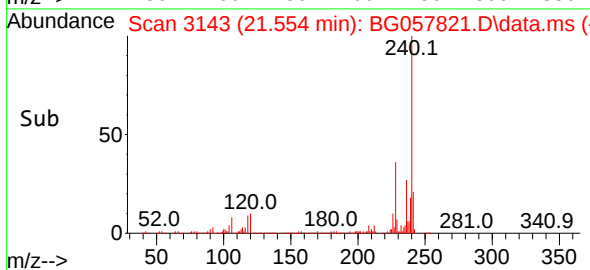
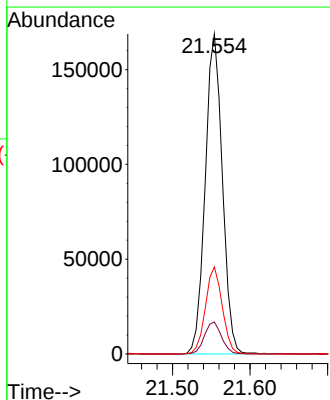
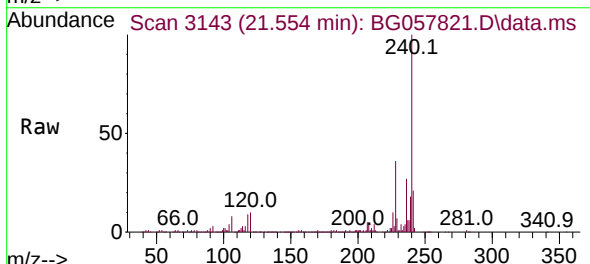
Manual Integrations
APPROVED

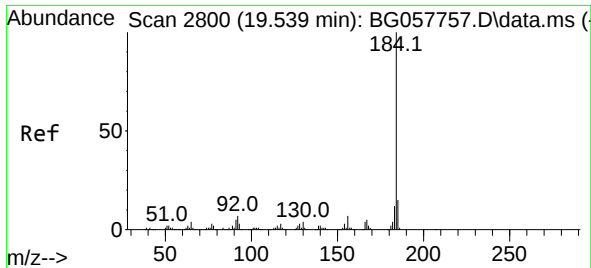
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

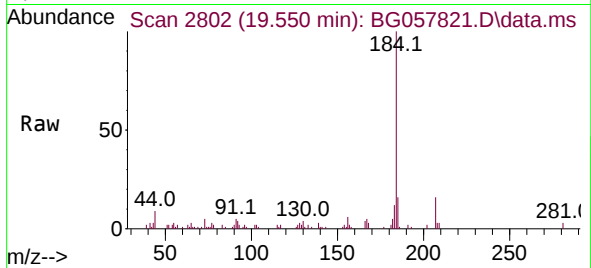
Tgt Ion:240 Resp: 258884
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 27.2 20.6 30.8





#77
Benzidine
Concen: 20.522 ng m
RT: 19.550 min Scan# 2802
Delta R.T. 0.011 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

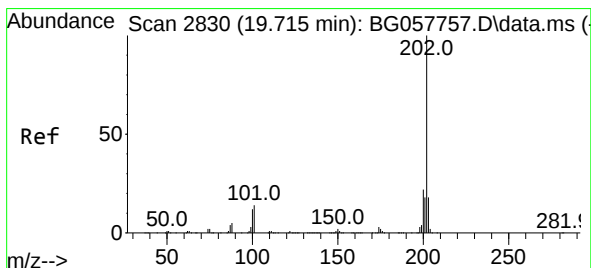
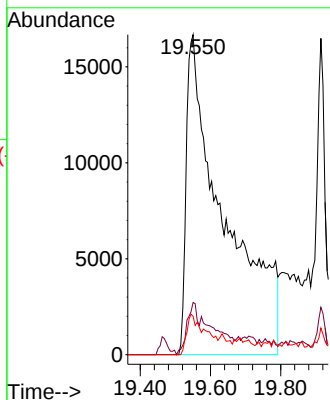
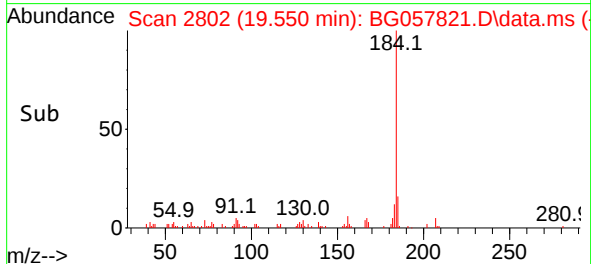
Instrument :
BNA_G
ClientSampleId :
WC-19MS



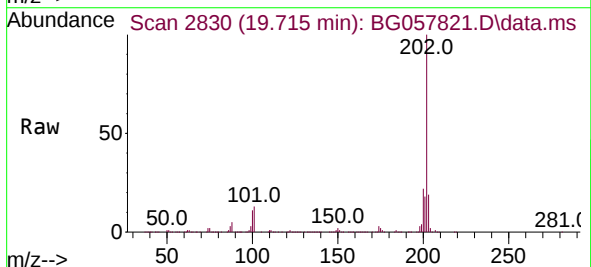
Tgt Ion:184 Resp: 124539
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 12.0 9.4 14.0

Manual Integrations
APPROVED

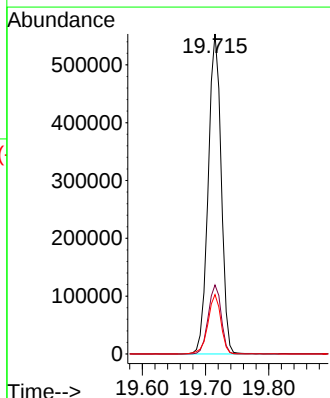
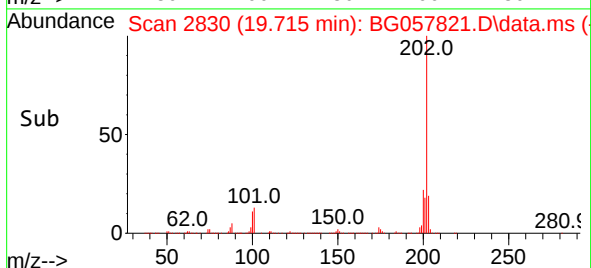
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

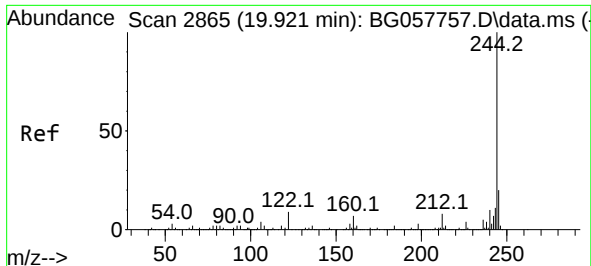


#78
Pyrene
Concen: 42.562 ng
RT: 19.715 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45



Tgt Ion:202 Resp: 786008
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.0
203 18.5 14.6 22.0





#79
 Terphenyl-d14
 Concen: 88.111 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

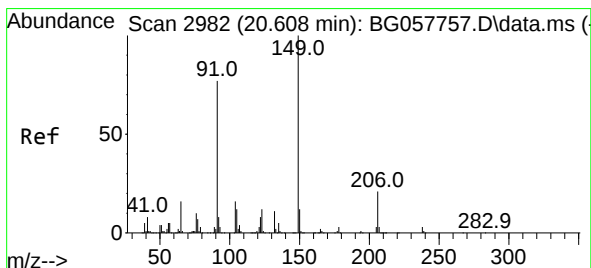
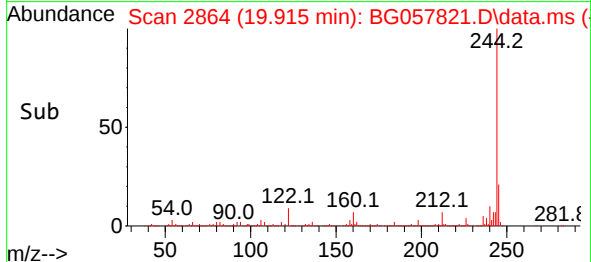
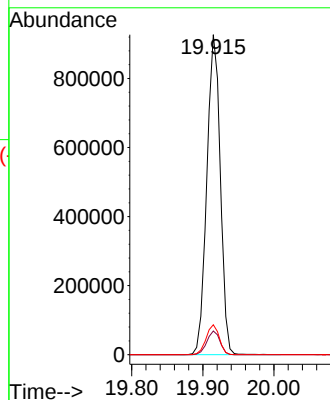
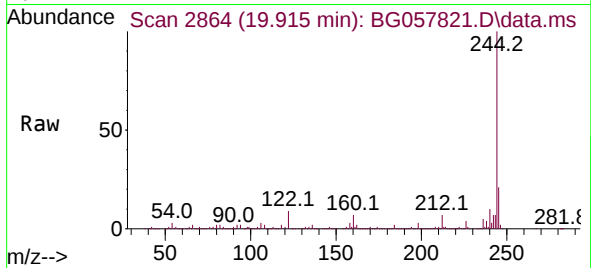
WC-19MS

Tgt Ion:244 Resp: 122330
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.4 7.6 11.4

Manual Integrations

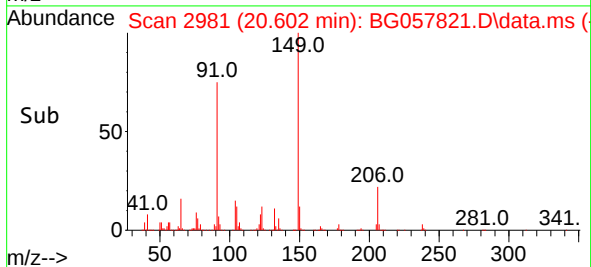
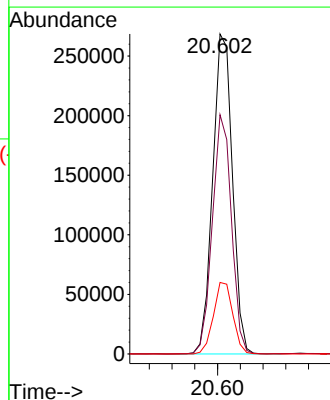
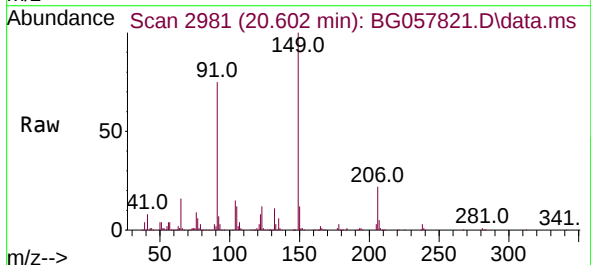
APPROVED

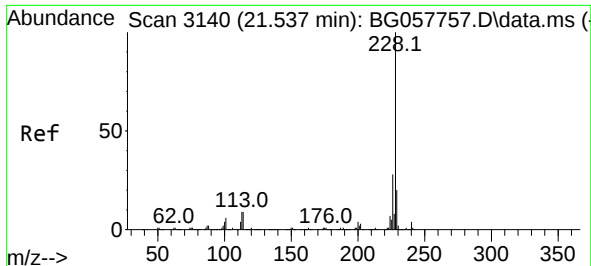
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#80
 Butylbenzylphthalate
 Concen: 46.067 ng
 RT: 20.602 min Scan# 2981
 Delta R.T. -0.006 min
 Lab File: BG057821.D
 Acq: 22 Jun 2023 23:45

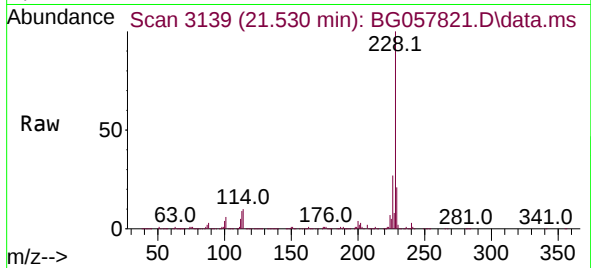
Tgt Ion:149 Resp: 323625
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.7 92.5
 206 22.4 16.6 24.8





#81
Benzo(a)anthracene
Concen: 44.172 ng
RT: 21.530 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

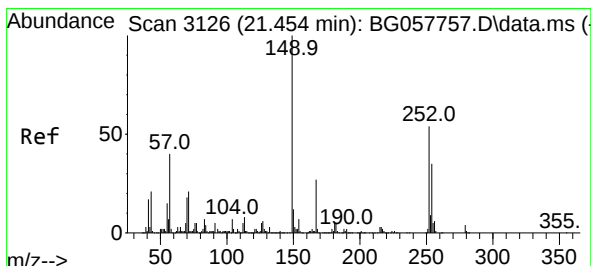
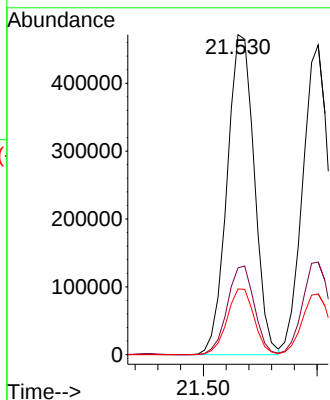
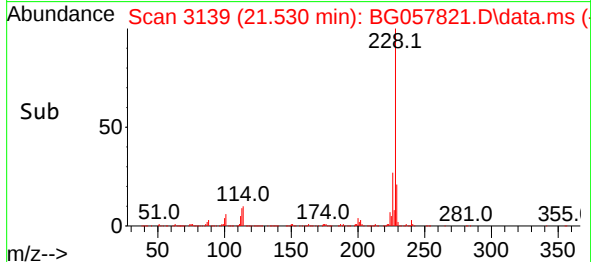
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:228 Resp: 784570
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.6 16.3 24.5

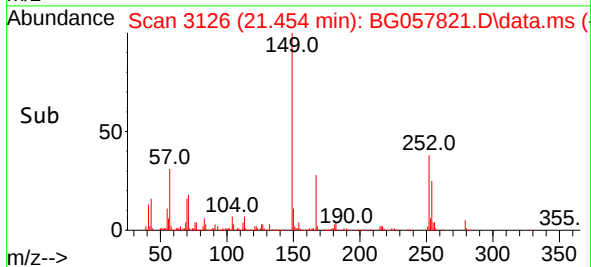
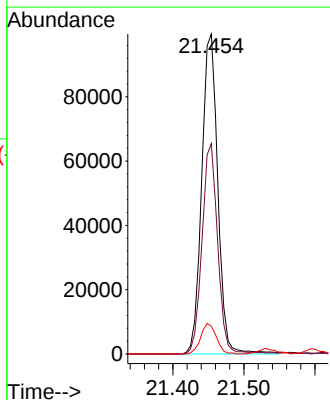
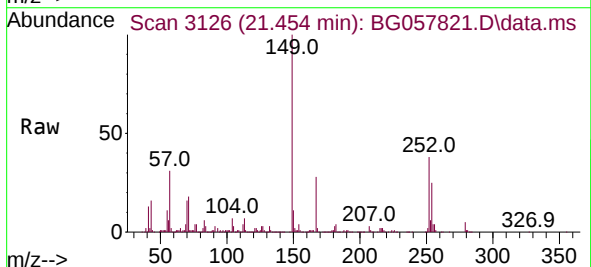
Manual Integrations
APPROVED

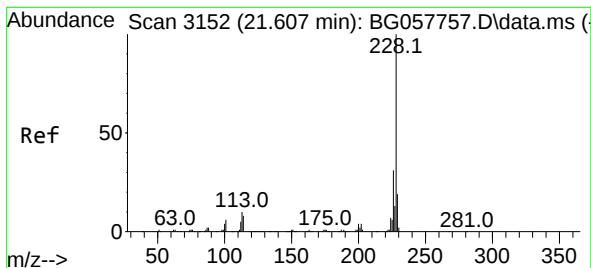
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.955 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:252 Resp: 156796
Ion Ratio Lower Upper
252 100
254 65.7 51.0 76.6
126 8.6 7.0 10.6





#83

Chrysene

Concen: 42.957 ng

RT: 21.601 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

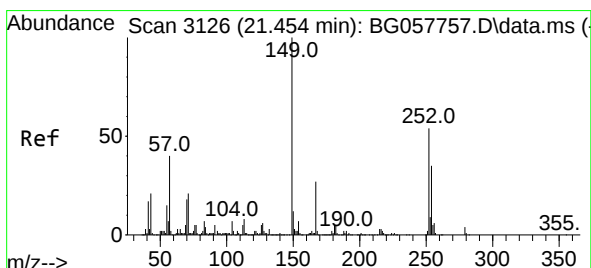
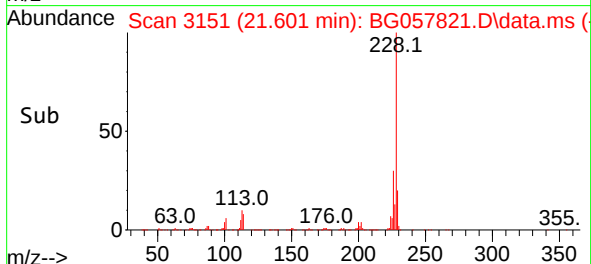
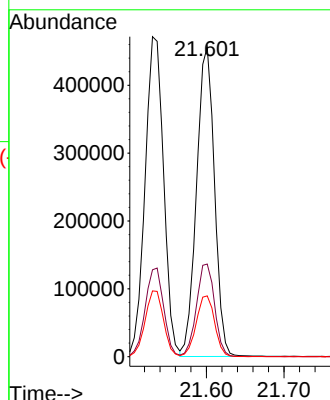
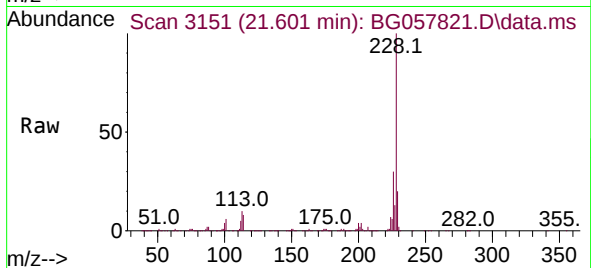
WC-19MS

Tgt Ion:228 Resp: 73223
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.8 37.2
 229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.718 ng

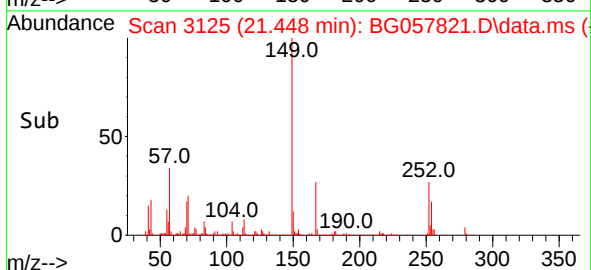
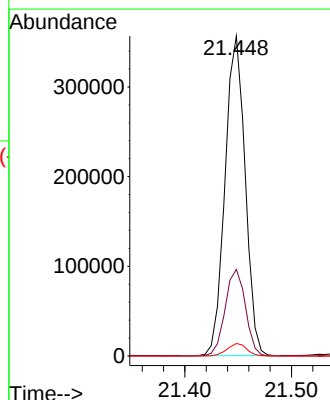
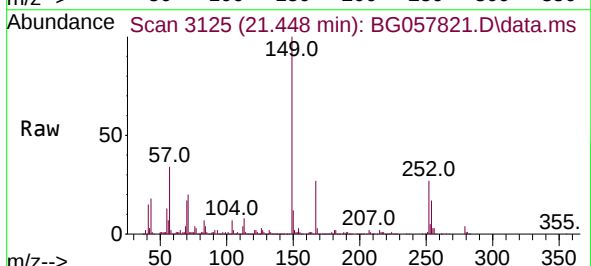
RT: 21.448 min Scan# 3125

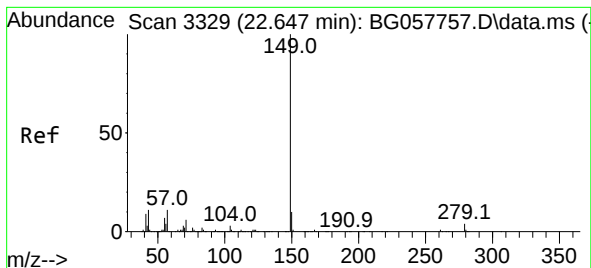
Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Tgt Ion:149 Resp: 466317
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.8
 279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.365 ng

RT: 22.635 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

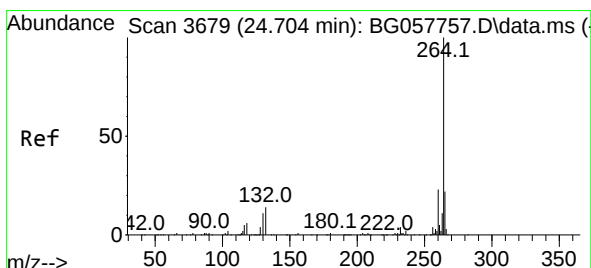
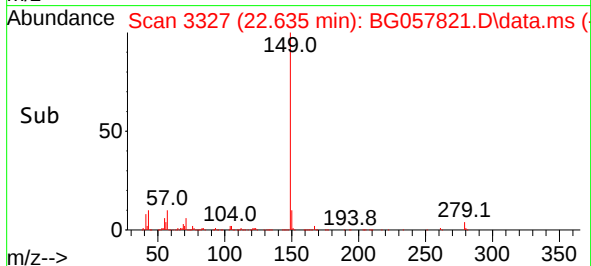
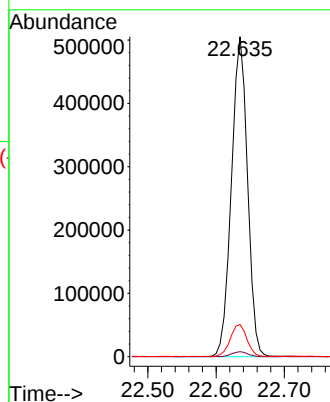
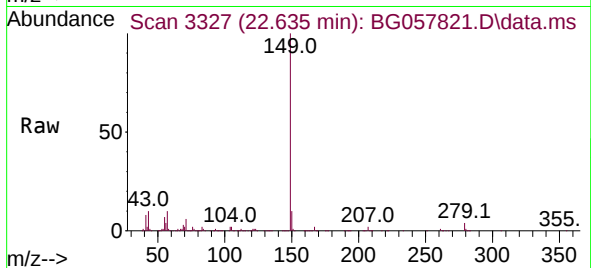
Tgt Ion:149 Resp: 829470
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#86

Perylene-d12

Concen: 20.000 ng

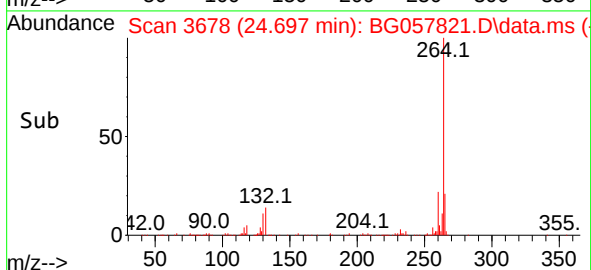
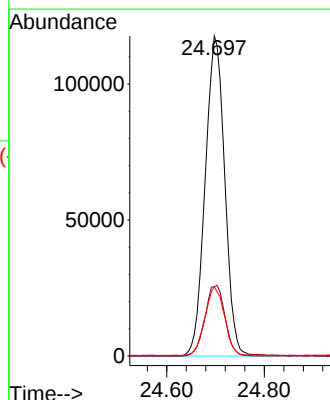
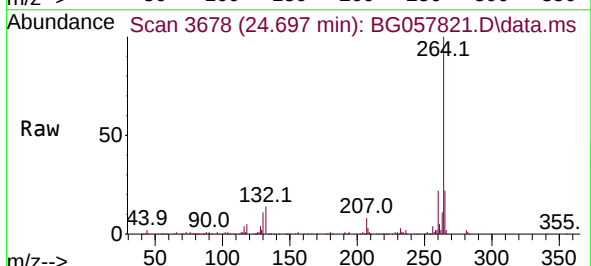
RT: 24.697 min Scan# 3678

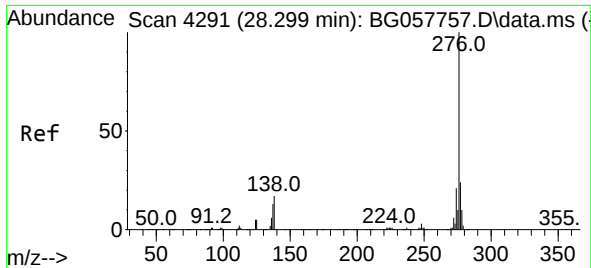
Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

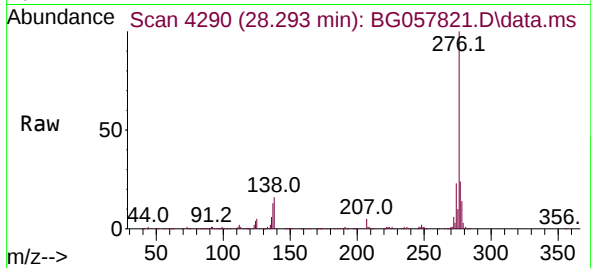
Tgt Ion:264 Resp: 327157
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.5 27.7
 265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.571 ng
RT: 28.293 min Scan# 4291
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

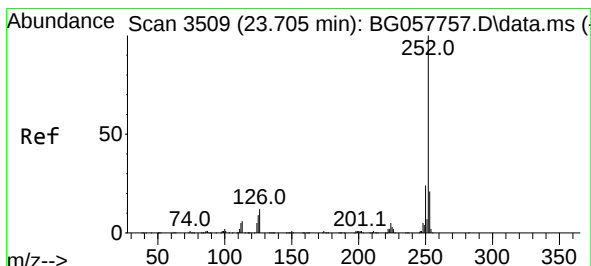
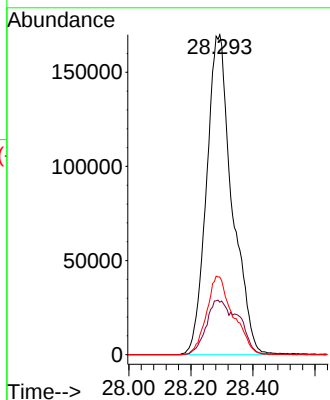
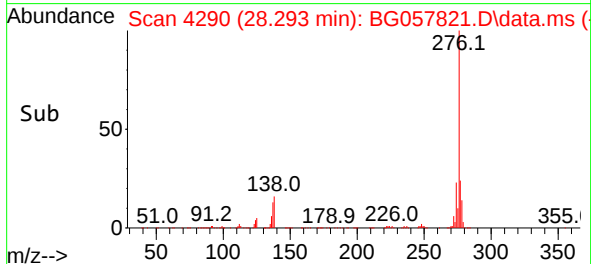
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:276 Resp: 97476
Ion Ratio Lower Upper
276 100
138 21.6 11.3 16.9
277 25.5 20.4 30.6

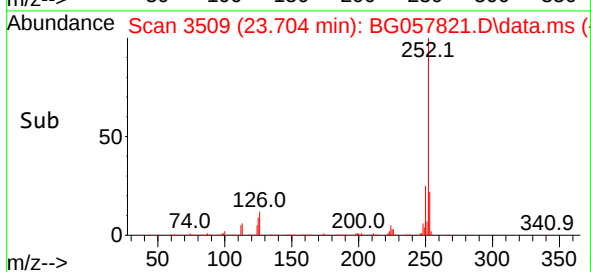
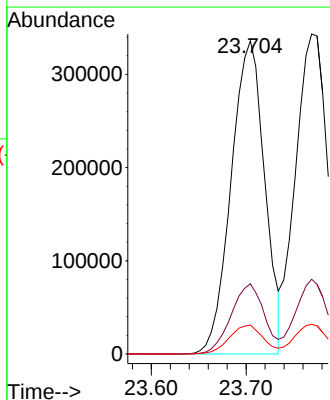
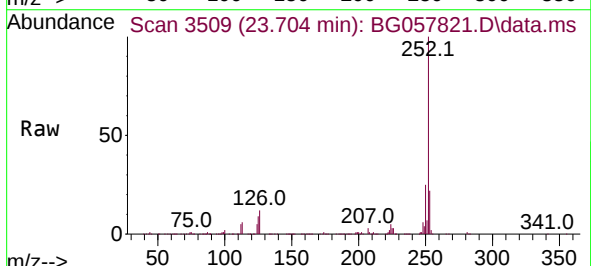
Manual Integrations
APPROVED

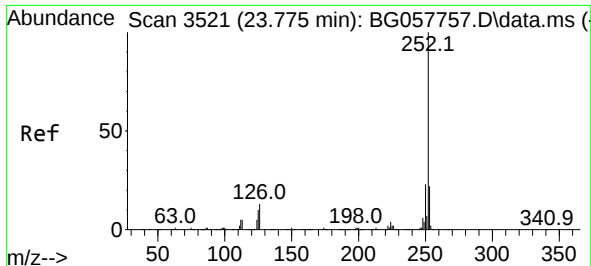
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#88
Benzo(b)fluoranthene
Concen: 46.056 ng
RT: 23.704 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:252 Resp: 825693
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.996 ng

RT: 23.769 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

WC-19MS

Tgt Ion:252 Resp: 82157

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

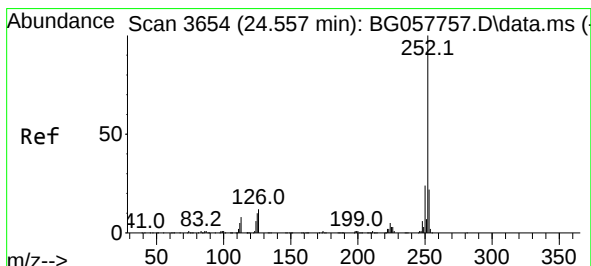
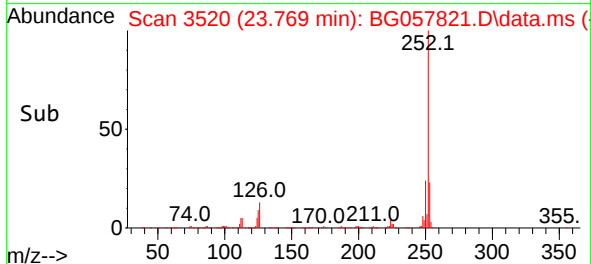
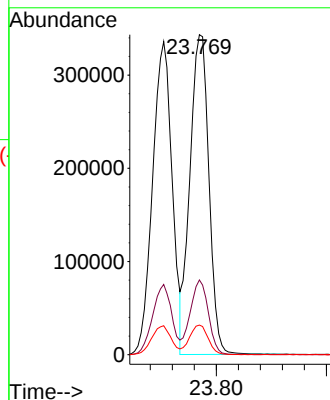
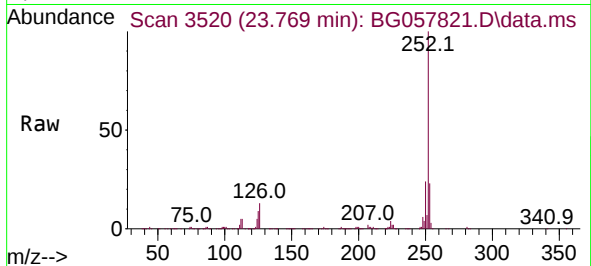
125 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#90

Benzo(a)pyrene

Concen: 42.173 ng

RT: 24.556 min Scan# 3654

Delta R.T. -0.000 min

Lab File: BG057821.D

Acq: 22 Jun 2023 23:45

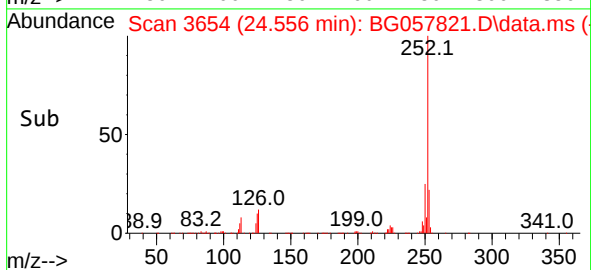
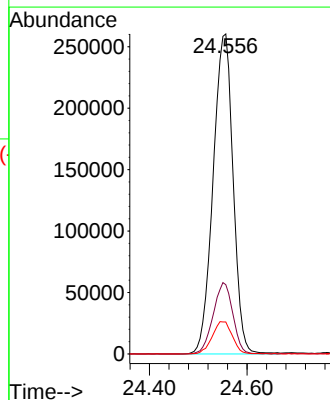
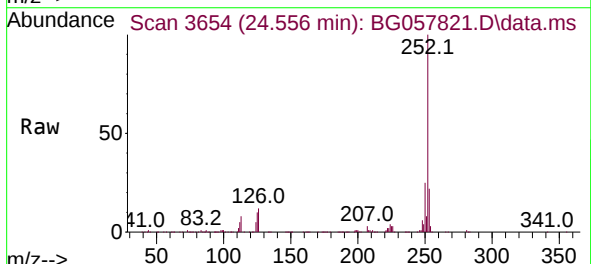
Tgt Ion:252 Resp: 742538

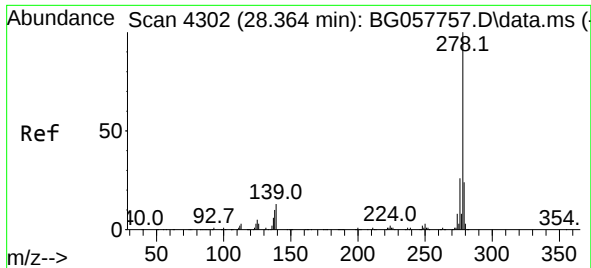
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

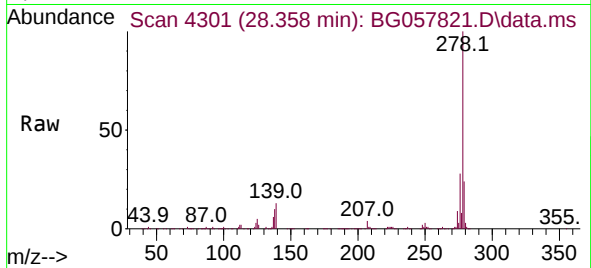
125 10.0 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 45.881 ng
RT: 28.358 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

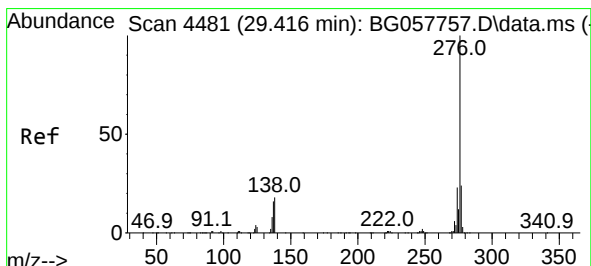
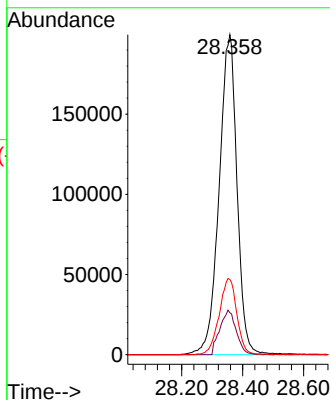
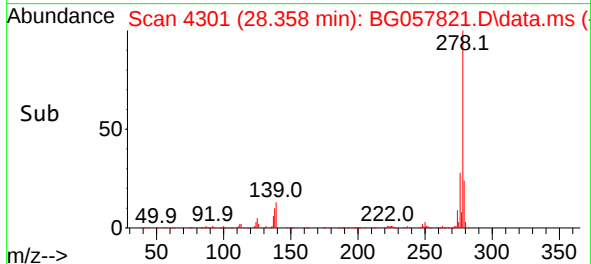
Instrument :
BNA_G
ClientSampleId :
WC-19MS



Tgt Ion:278 Resp: 81427
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#92
Benzo(g,h,i)perylene
Concen: 45.056 ng
RT: 29.409 min Scan# 4480
Delta R.T. -0.006 min
Lab File: BG057821.D
Acq: 22 Jun 2023 23:45

Tgt Ion:276 Resp: 800659
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.0
138 18.5 14.2 21.4

