

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057822.D
 Acq On : 23 Jun 2023 00:27
 Operator : CG/JU
 Sample : 03320-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:47:51 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	7.924	152	34404	20.000	ng	0.00
21) Naphthalene-d8	10.721	136	154055	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	115216	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	296042	20.000	ng	0.00
76) Chrysene-d12	21.555	240	249490	20.000	ng	0.00
86) Perylene-d12	24.698	264	315976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	317714	142.392	ng	0.00
7) Phenol-d6	7.084	99	445343	130.807	ng	0.00
23) Nitrobenzene-d5	9.081	82	284750	94.865	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	252480	157.313	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	663247	87.312	ng	0.00
79) Terphenyl-d14	19.916	244	1297494	96.974	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	35701	35.150	ng	# 30
3) Pyridine	3.805	79	106279	34.356	ng	94
4) n-Nitrosodimethylamine	3.711	42	53858	38.103	ng	93
6) Aniline	7.248	93	136425	31.295	ng	97
8) 2-Chlorophenol	7.483	128	120066	52.307	ng	98
9) Benzaldehyde	7.060	77	48050m	22.446	ng	
10) Phenol	7.107	94	162604	48.507	ng	97
11) bis(2-Chloroethyl)ether	7.342	93	114791	44.539	ng	93
12) 1,3-Dichlorobenzene	7.812	146	98480	42.157	ng	94
13) 1,4-Dichlorobenzene	7.959	146	103828	43.865	ng	96
14) 1,2-Dichlorobenzene	8.276	146	102716	44.848	ng	99
15) Benzyl Alcohol	8.159	79	130190	50.010	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.453	45	189293	38.234	ng	96
17) 2-Methylphenol	8.359	107	120308	48.797	ng	96
18) Hexachloroethane	9.005	117	36170	43.337	ng	97
19) n-Nitroso-di-n-propyla...	8.723	70	103772	43.720	ng	95
20) 3+4-Methylphenols	8.688	107	171074	50.233	ng	99
22) Acetophenone	8.740	105	201112	46.553	ng	96
24) Nitrobenzene	9.122	77	143179	45.832	ng	95
25) Isophorone	9.645	82	311170	45.375	ng	98
26) 2-Nitrophenol	9.833	139	63543	63.935	ng	98
27) 2,4-Dimethylphenol	9.898	122	134201	54.539	ng	99
28) bis(2-Chloroethoxy)met...	10.127	93	173957	47.103	ng	100
29) 2,4-Dichlorophenol	10.374	162	133047	56.938	ng	98
30) 1,2,4-Trichlorobenzene	10.585	180	119741	45.973	ng	96
31) Naphthalene	10.773	128	370648	45.206	ng	100
32) Benzoic acid	10.062	122	106996	59.059	ng	98
33) 4-Chloroaniline	10.879	127	63194	16.634	ng	96
34) Hexachlorobutadiene	11.055	225	69738	43.886	ng	97
35) Caprolactam	11.661	113	44343m	46.765	ng	
36) 4-Chloro-3-methylphenol	12.007	107	171695	56.262	ng	100
37) 2-Methylnaphthalene	12.383	142	271409	45.413	ng	97
38) 1-Methylnaphthalene	12.601	142	260073	46.099	ng	99
40) 1,2,4,5-Tetrachloroben...	12.748	216	148562	46.511	ng	99
41) Hexachlorocyclopentadiene	12.730	237	189257	111.606	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	124924	54.622	ng	98

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Quant Time: Jun 23 03:47:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

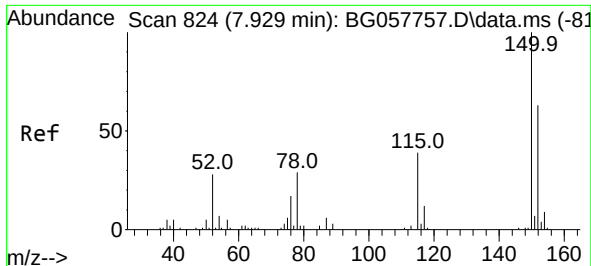
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

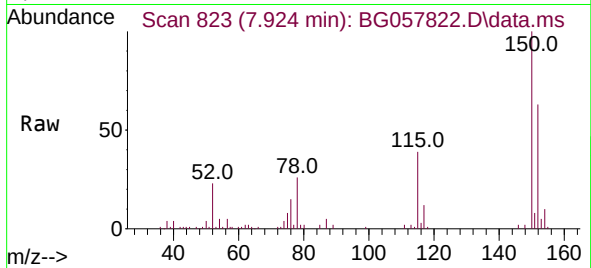
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	139219	52.222	ng	96
46) 1,1'-Biphenyl	13.394	154	380502	48.097	ng	99
47) 2-Chloronaphthalene	13.435	162	292241	48.084	ng	96
48) 2-Nitroaniline	13.635	65	122792	56.853	ng	96
49) Acenaphthylene	14.281	152	499617	47.893	ng	99
50) Dimethylphthalate	14.017	163	435833	49.251	ng	99
51) 2,6-Dinitrotoluene	14.128	165	95831	58.808	ng	94
52) Acenaphthene	14.622	154	357906m	55.420	ng	
53) 3-Nitroaniline	14.457	138	56862	30.963	ng	92
54) 2,4-Dinitrophenol	14.663	184	120654	135.137	ng	99
55) Dibenzofuran	14.957	168	497944	47.952	ng	98
56) 4-Nitrophenol	14.769	139	162895	111.614	ng	91
57) 2,4-Dinitrotoluene	14.916	165	138842	62.829	ng	95
58) Fluorene	15.603	166	399676	48.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	127017	55.906	ng	99
60) Diethylphthalate	15.374	149	447308	49.270	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	216075	49.437	ng	97
62) 4-Nitroaniline	15.627	138	94171	50.300	ng	96
63) Azobenzene	15.891	77	434349	46.772	ng	97
65) 4,6-Dinitro-2-methylph...	15.679	198	83260	59.759	ng	89
66) n-Nitrosodiphenylamine	15.809	169	361616	46.281	ng	99
67) 4-Bromophenyl-phenylether	16.490	248	148269	47.225	ng	95
68) Hexachlorobenzene	16.602	284	163185	50.985	ng	99
69) Atrazine	16.755	200	93484	34.854	ng	97
70) Pentachlorophenol	16.949	266	228245	96.528	ng	98
71) Phenanthrene	17.342	178	676016	47.162	ng	100
72) Anthracene	17.436	178	684826	46.788	ng	99
73) Carbazole	17.701	167	658231	48.774	ng	98
74) Di-n-butylphthalate	18.265	149	787079	49.256	ng	100
75) Fluoranthene	19.352	202	818173	47.914	ng	99
77) Benzidine	19.557	184	122751m	20.989	ng	
78) Pyrene	19.716	202	836243	46.987	ng	100
80) Butylbenzylphthalate	20.603	149	346604	51.195	ng	95
81) Benzo(a)anthracene	21.531	228	837065	48.902	ng	100
82) 3,3'-Dichlorobenzidine	21.449	252	111802	19.204	ng	99
83) Chrysene	21.596	228	775982	47.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	497167	50.578	ng	100
85) Di-n-octyl phthalate	22.636	149	880867	51.091	ng	96
87) Indeno(1,2,3-cd)pyrene	28.282	276	1039077	50.297	ng	100
88) Benzo(b)fluoranthene	23.699	252	898813	51.909	ng	98
89) Benzo(k)fluoranthene	23.770	252	857000	48.597	ng	99
90) Benzo(a)pyrene	24.551	252	786169	46.231	ng	99
91) Dibenzo(a,h)anthracene	28.353	278	866253	50.537	ng	99
92) Benzo(g,h,i)perylene	29.410	276	848034	49.410	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

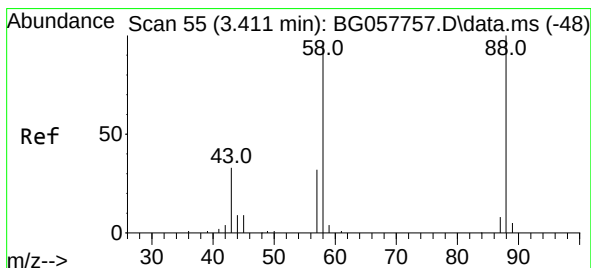
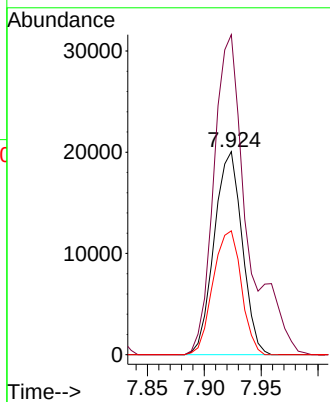
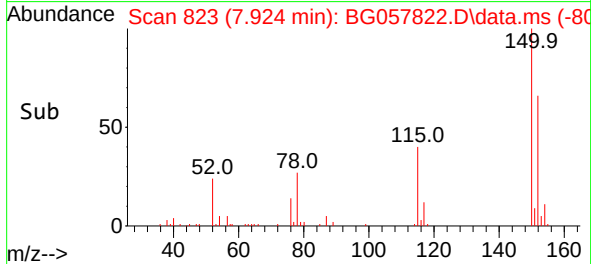
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:152 Resp: 3440
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 61.0 48.9 73.3

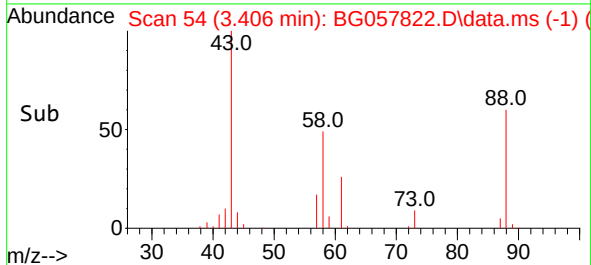
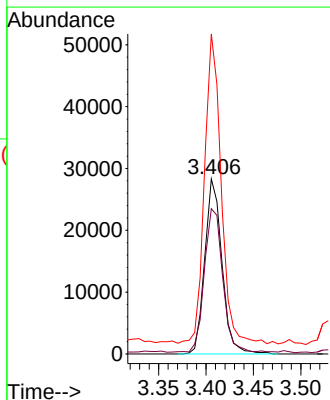
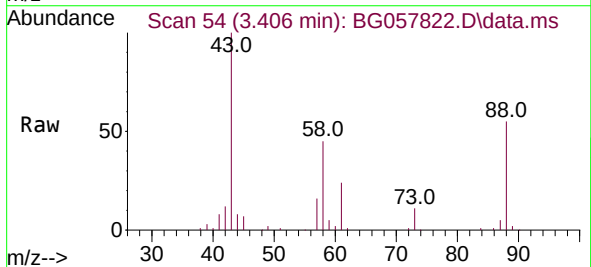
Manual Integrations
APPROVED

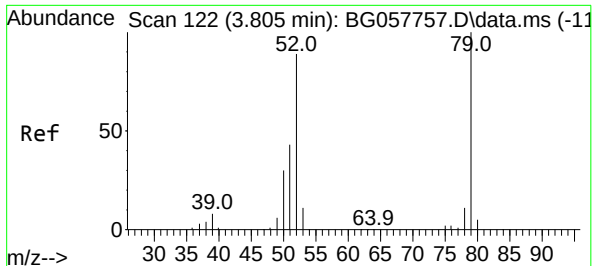
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 35.150 ng
RT: 3.406 min Scan# 54
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

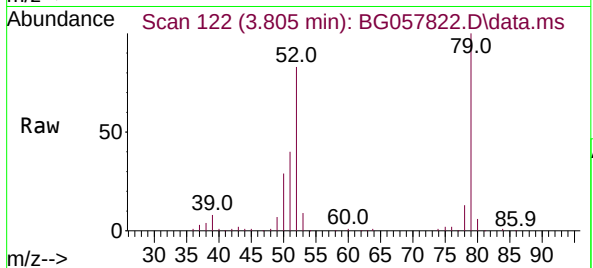
Tgt Ion: 88 Resp: 35701
Ion Ratio Lower Upper
88 100
58 86.0 76.2 114.4
43 171.1 26.3 39.5#





#3
Pyridine
Concen: 34.356 ng
RT: 3.805 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

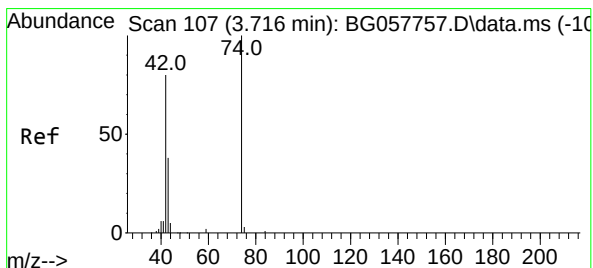
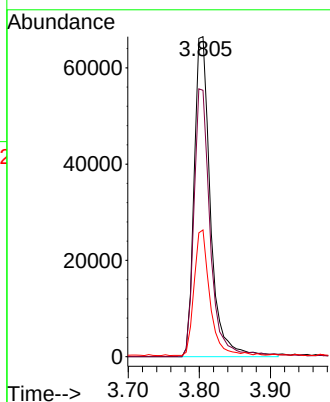
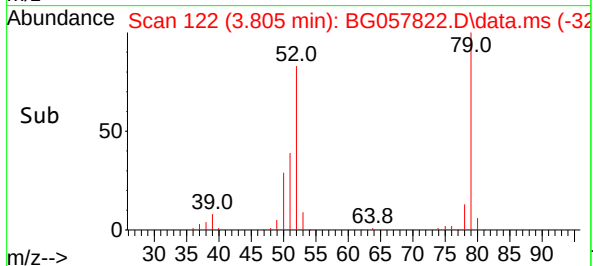
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



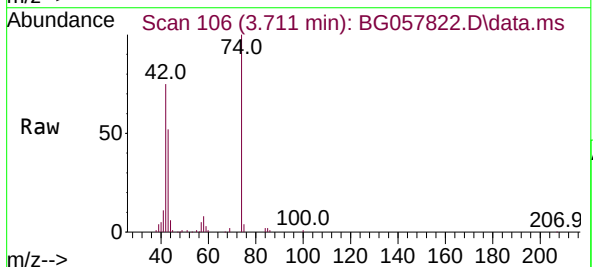
Tgt Ion: 79 Resp: 106279
Ion Ratio Lower Upper
79 100
52 83.2 71.4 107.0
51 39.6 34.9 52.3

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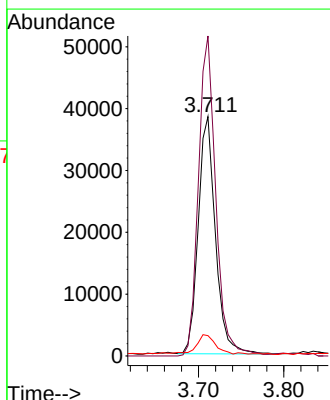
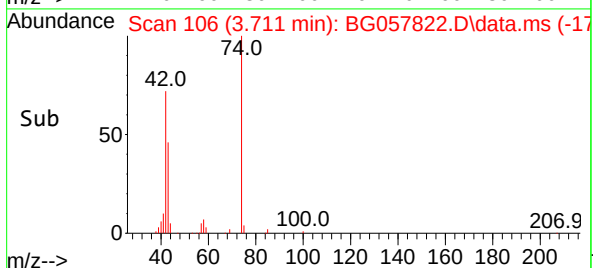
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

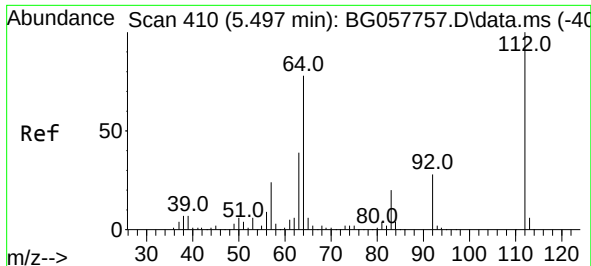


#4
n-Nitrosodimethylamine
Concen: 38.103 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27



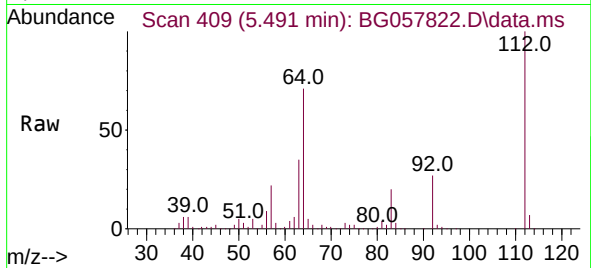
Tgt Ion: 42 Resp: 53858
Ion Ratio Lower Upper
42 100
74 133.7 99.9 149.9
44 8.5 6.0 9.0





#5
2-Fluorophenol
Concen: 142.392 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

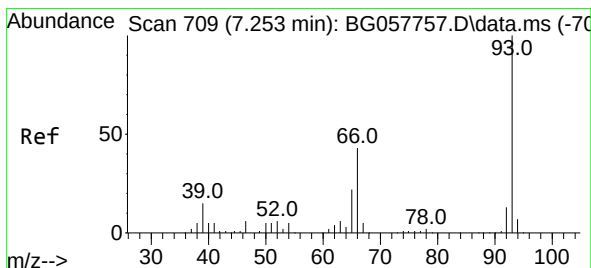
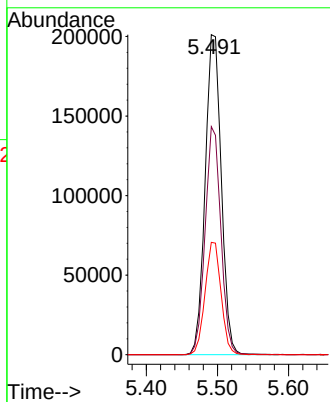
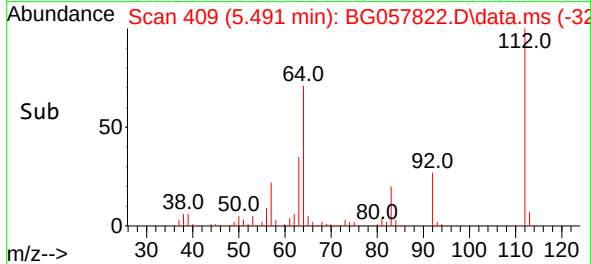
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:112 Resp: 317714
Ion Ratio Lower Upper
112 100
64 71.3 62.1 93.1
63 35.1 31.5 47.3

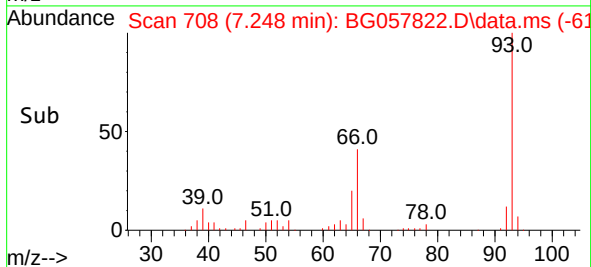
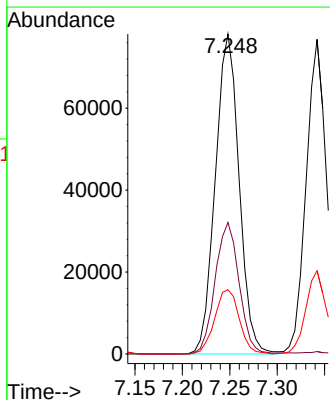
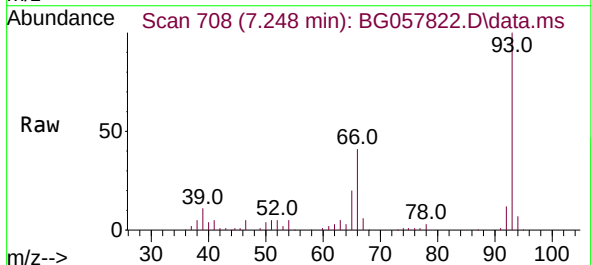
Manual Integrations
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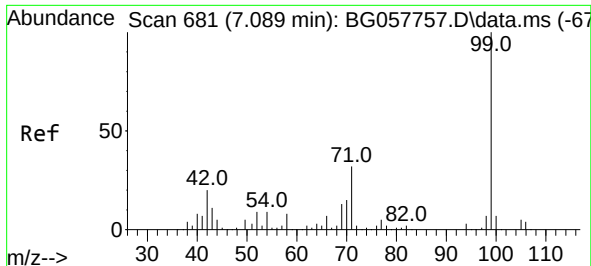
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 31.295 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion: 93 Resp: 136425
Ion Ratio Lower Upper
93 100
66 41.1 34.5 51.7
65 20.1 17.4 26.2





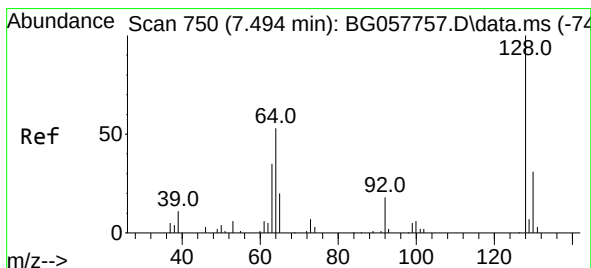
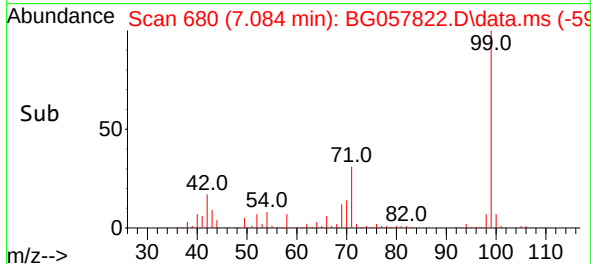
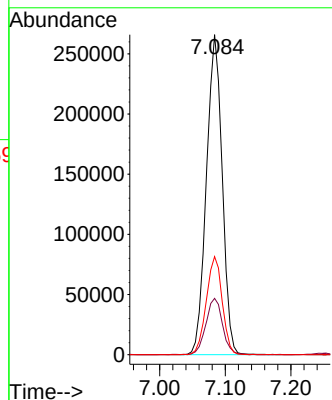
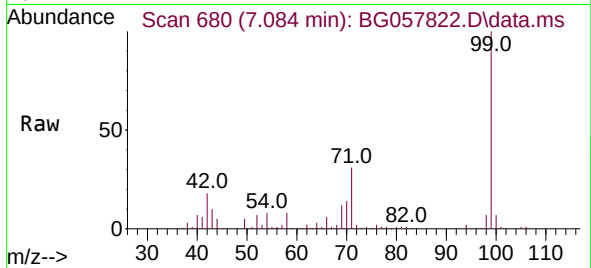
#7
Phenol-d6
Concen: 130.807 ng
RT: 7.084 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :
BNA_G
ClientSampleId :
WC-19MSD

Tgt Ion: 99 Resp: 44534
Ion Ratio Lower Upper
99 100
42 17.6 16.4 24.6
71 30.6 25.8 38.6

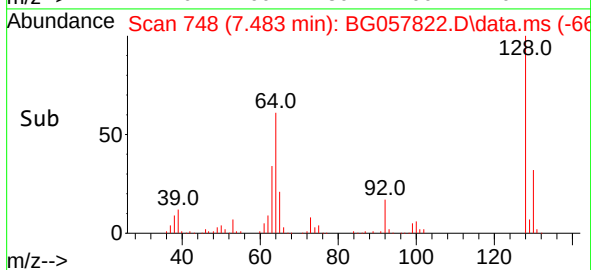
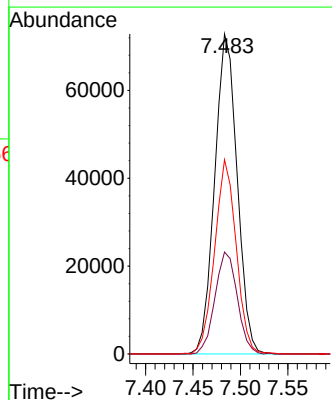
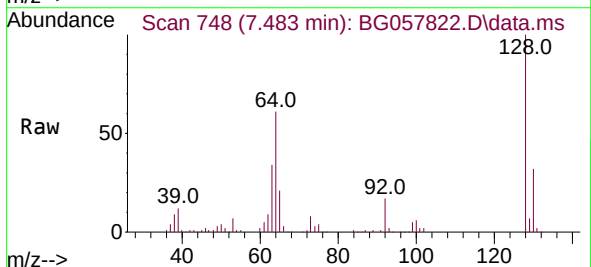
Manual Integrations
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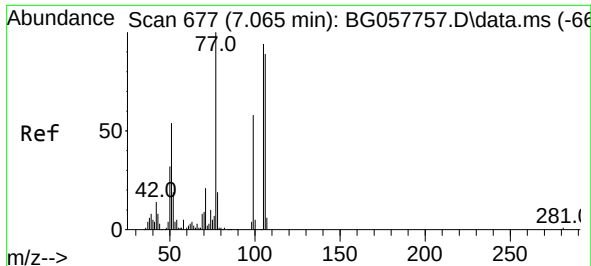
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 52.307 ng
RT: 7.483 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

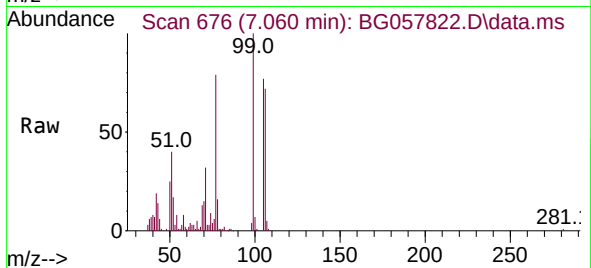
Tgt Ion:128 Resp: 120066
Ion Ratio Lower Upper
128 100
130 31.8 10.6 50.6
64 60.7 39.1 79.1





#9
Benzaldehyde
Concen: 22.446 ng m
RT: 7.060 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

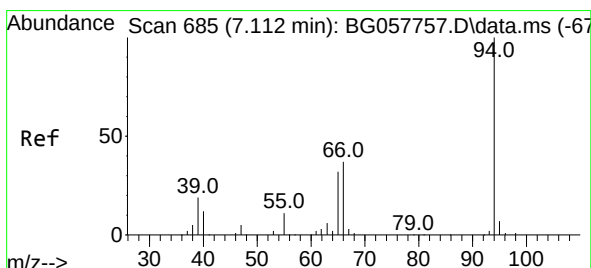
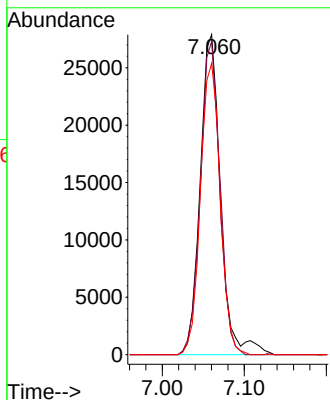
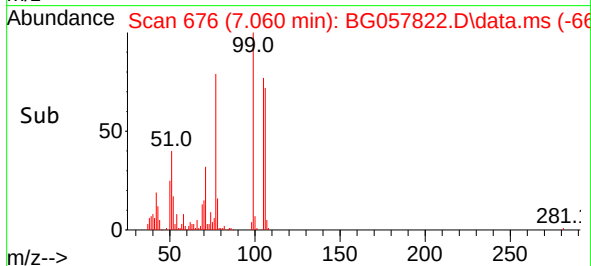
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion: 77 Resp: 48050
Ion Ratio Lower Upper
77 100
105 97.9 73.7 113.7
106 91.0 69.0 109.0

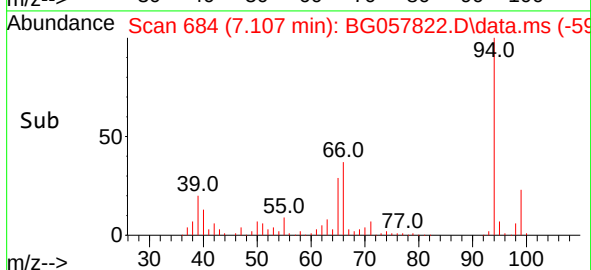
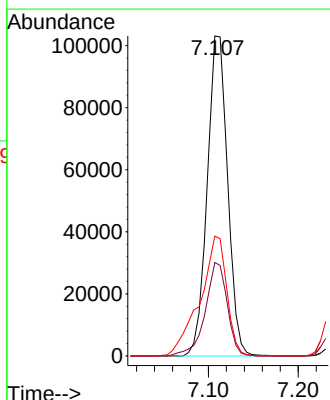
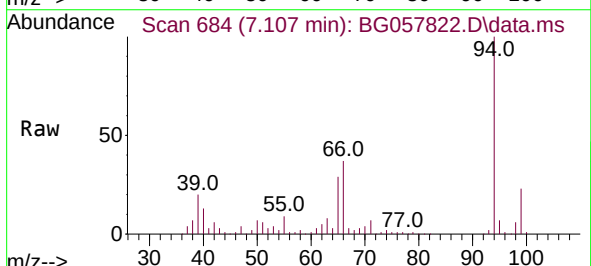
Manual Integrations
APPROVED

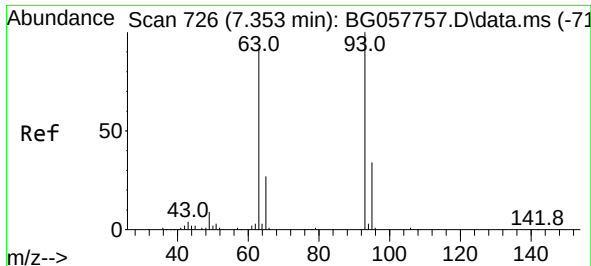
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 48.507 ng
RT: 7.107 min Scan# 684
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

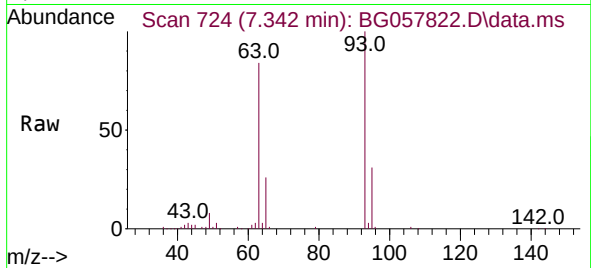
Tgt Ion: 94 Resp: 162604
Ion Ratio Lower Upper
94 100
65 29.2 12.2 52.2
66 37.4 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 44.539 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

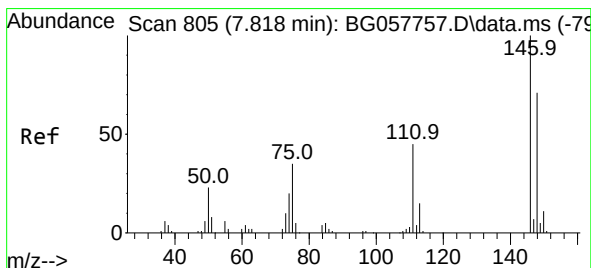
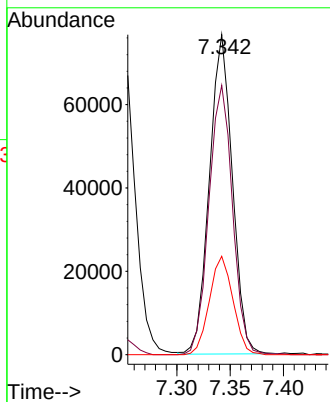
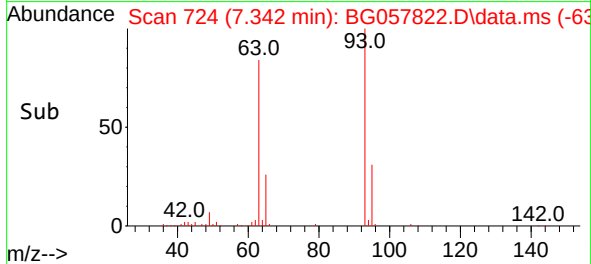
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion: 93 Resp: 11479
Ion Ratio Lower Upper
93 100
63 84.1 71.2 111.2
95 30.7 14.2 54.2

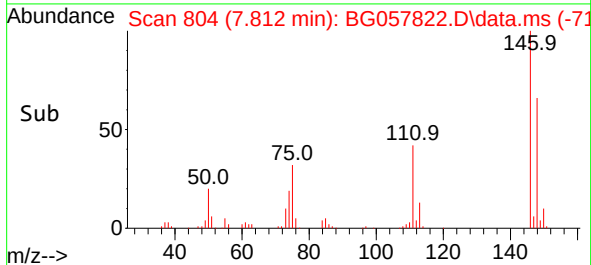
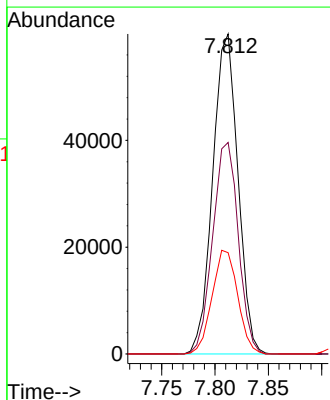
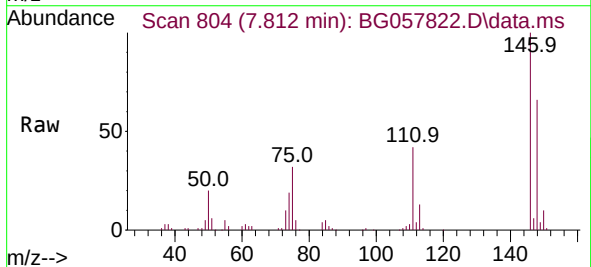
Manual Integrations
APPROVED

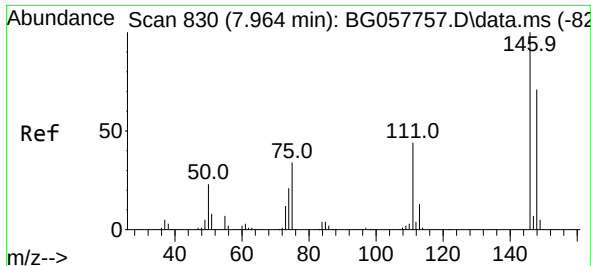
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 42.157 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:146 Resp: 98480
Ion Ratio Lower Upper
146 100
148 66.1 57.0 85.6
75 31.7 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 43.865 ng

RT: 7.959 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:146 Resp: 103828

Ion Ratio Lower Upper

146 100

148 67.9 57.0 85.4

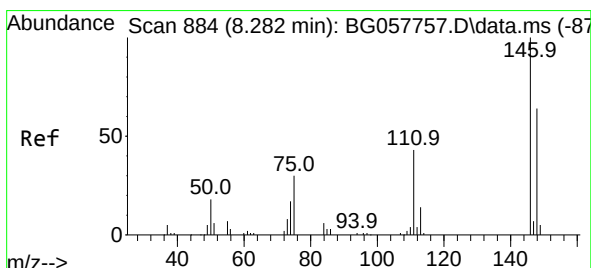
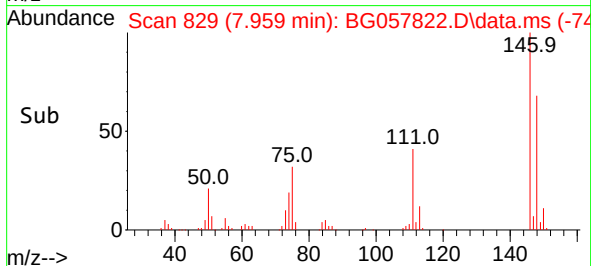
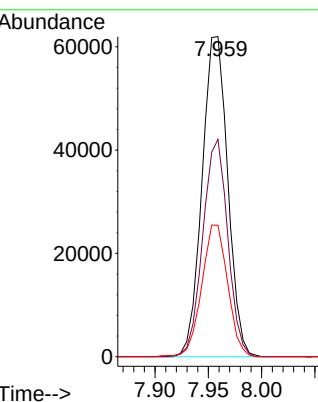
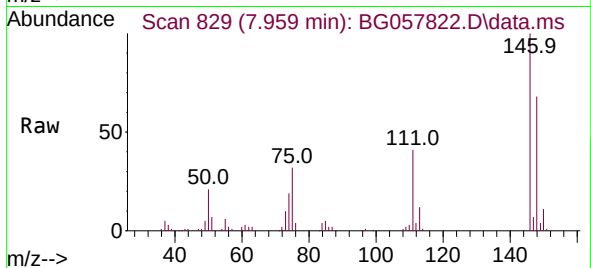
111 41.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#14

1,2-Dichlorobenzene

Concen: 44.848 ng

RT: 8.276 min Scan# 883

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

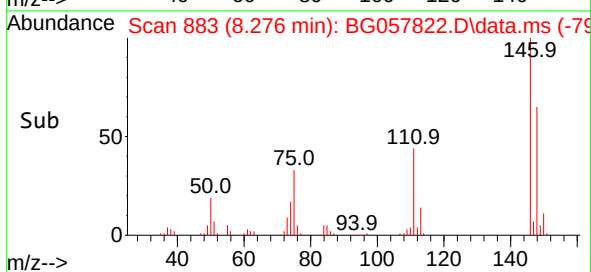
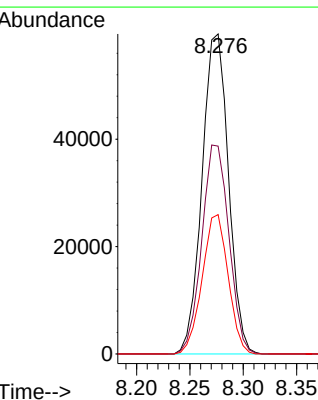
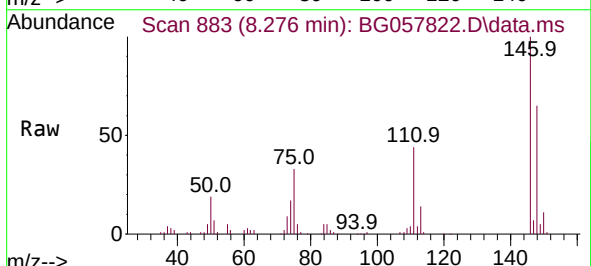
Tgt Ion:146 Resp: 102716

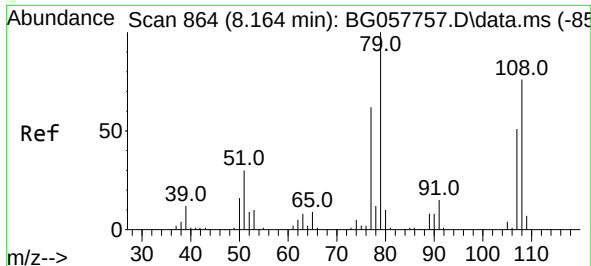
Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

111 43.5 34.9 52.3





#15
Benzyl Alcohol
Concen: 50.010 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

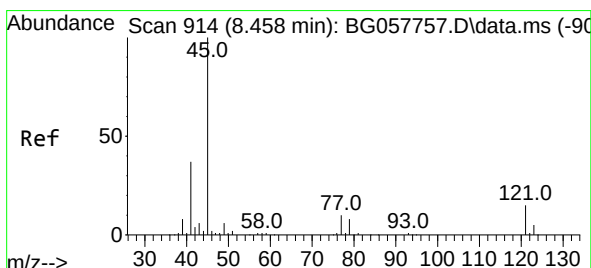
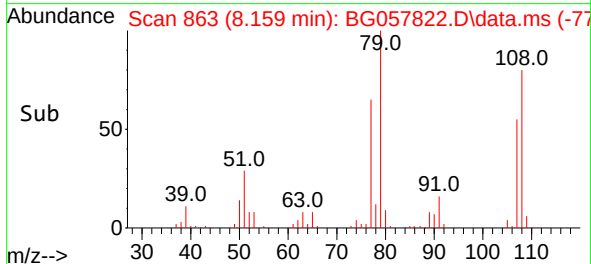
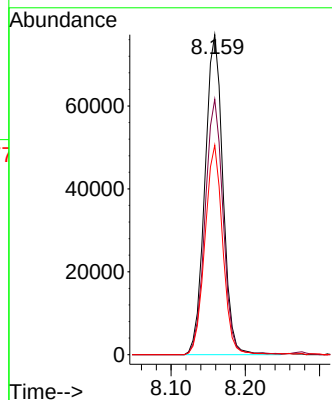
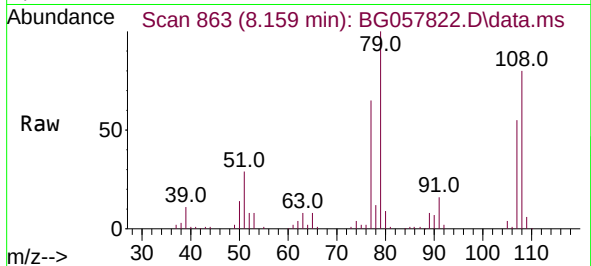
WC-19MSD

Tgt Ion: 79 Resp: 130190
Ion Ratio Lower Upper
79 100
108 79.8 60.5 90.7
77 65.5 49.3 73.9

Manual Integrations

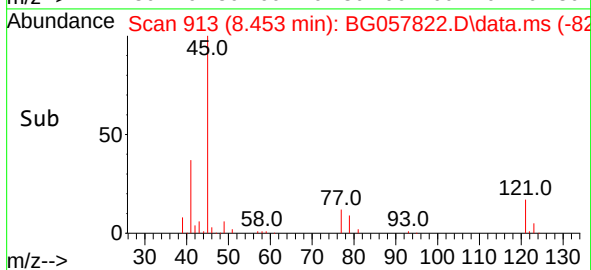
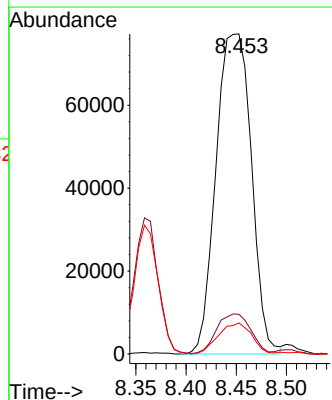
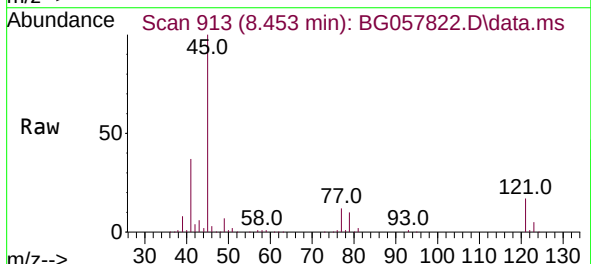
APPROVED

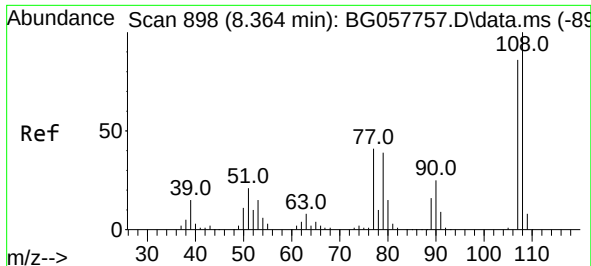
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.234 ng
RT: 8.453 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion: 45 Resp: 189293
Ion Ratio Lower Upper
45 100
77 12.4 0.0 30.6
79 9.7 0.0 28.3





#17
2-Methylphenol
Concen: 48.797 ng
RT: 8.359 min Scan# 898
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

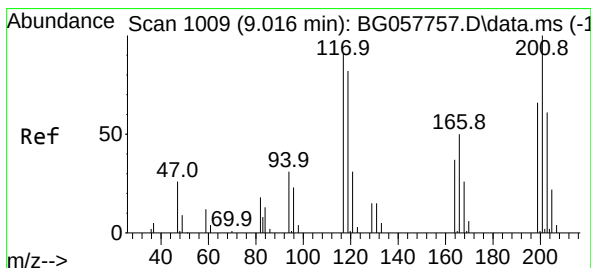
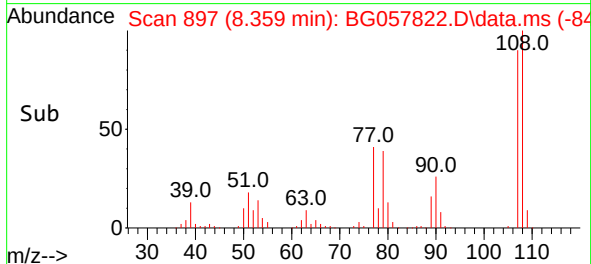
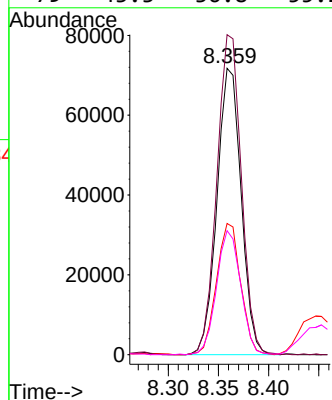
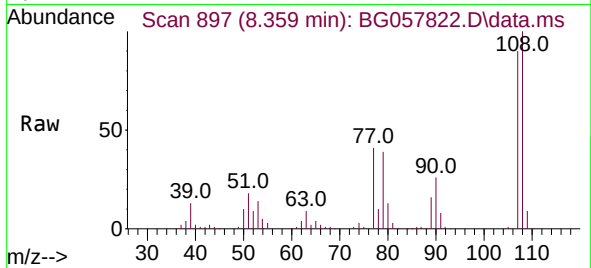
WC-19MSD

Tgt Ion:107 Resp: 120308
Ion Ratio Lower Upper
107 100
108 111.7 93.2 139.8
77 45.8 37.8 56.8
79 43.3 36.8 55.2

Manual Integrations

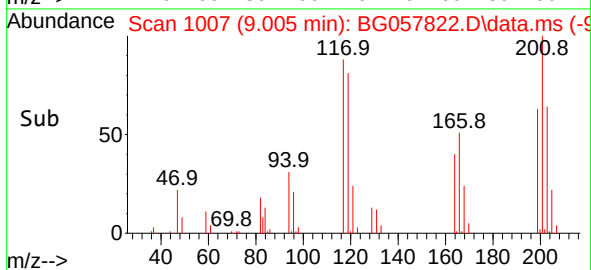
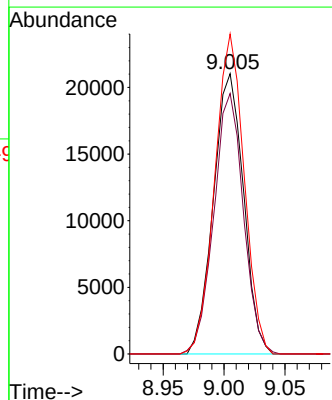
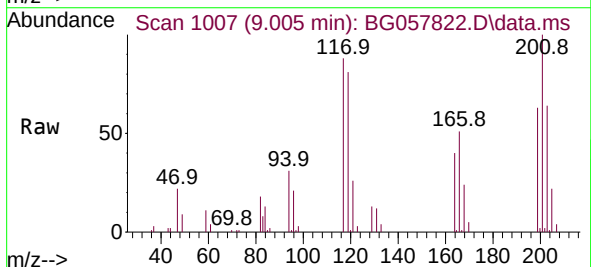
APPROVED

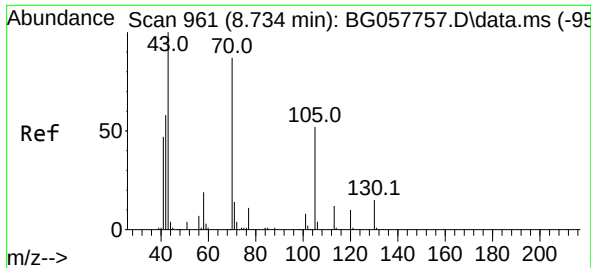
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 43.337 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

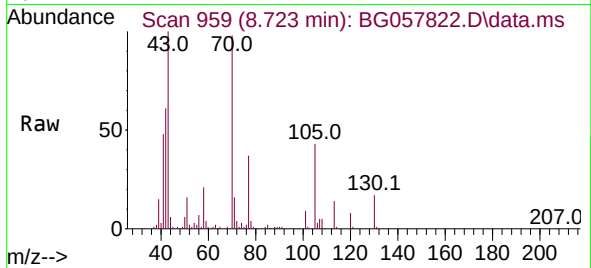
Tgt Ion:117 Resp: 36170
Ion Ratio Lower Upper
117 100
119 92.9 72.3 108.5
201 114.1 87.8 131.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.720 ng
RT: 8.723 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

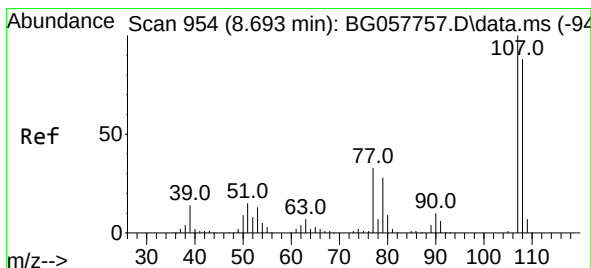
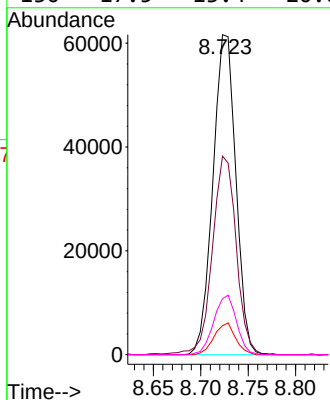
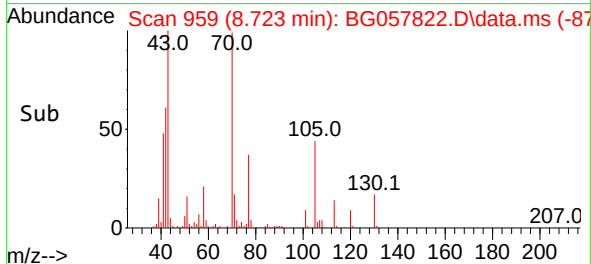
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion: 70 Resp: 103772
Ion Ratio Lower Upper
70 100
42 62.1 54.2 81.2
101 9.0 7.4 11.0
130 17.5 13.4 20.0

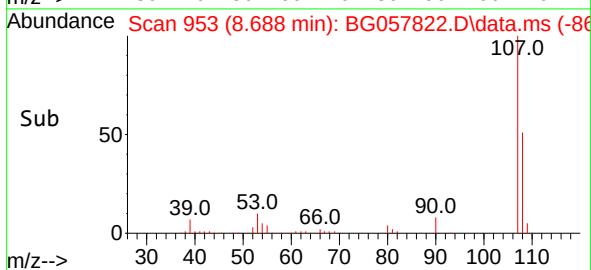
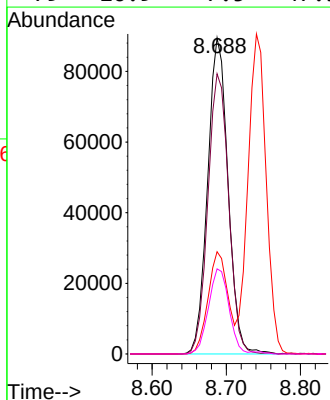
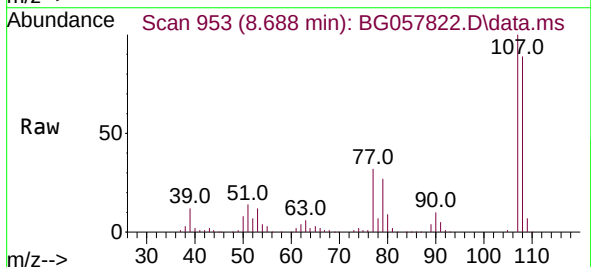
Manual Integrations
APPROVED

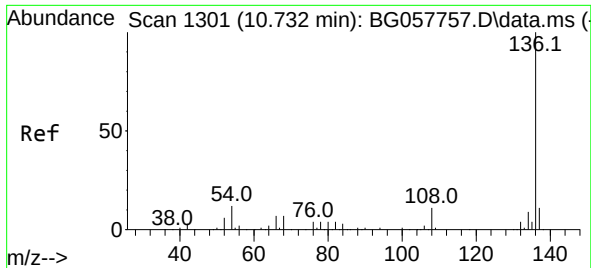
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
3+4-Methylphenols
Concen: 50.233 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:107 Resp: 171074
Ion Ratio Lower Upper
107 100
108 88.6 67.7 107.7
77 32.3 13.3 53.3
79 26.9 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

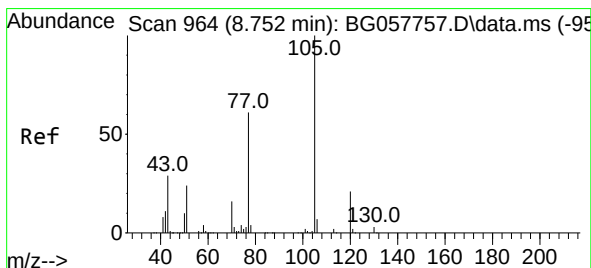
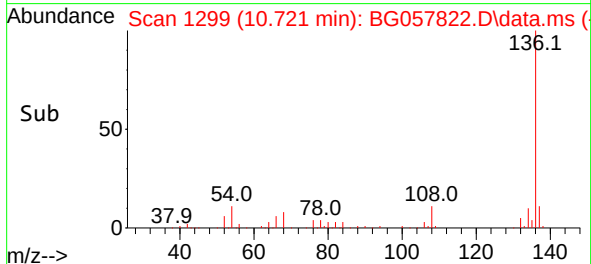
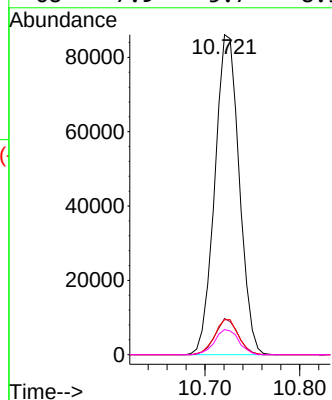
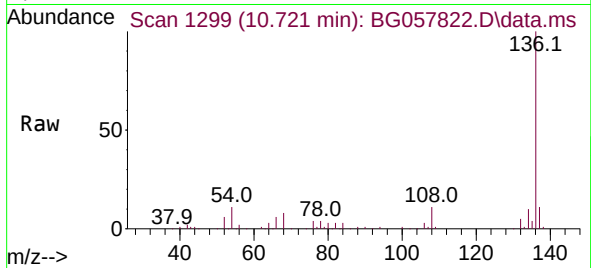
WC-19MSD

Tgt Ion:136 Resp: 15405
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.9 9.5 14.3
68 7.9 5.7 8.5

Manual Integrations

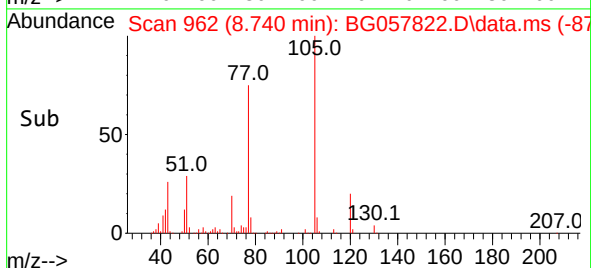
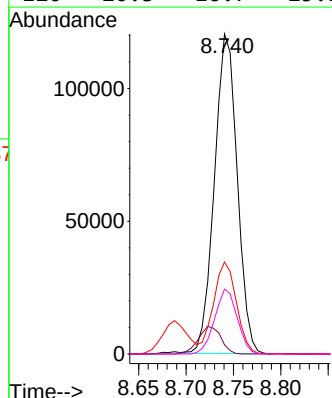
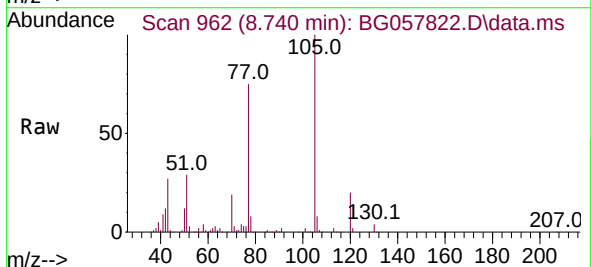
APPROVED

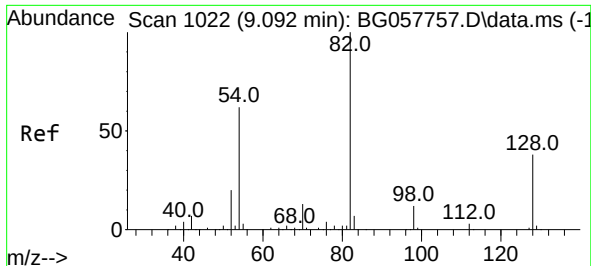
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 46.553 ng
RT: 8.740 min Scan# 962
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:105 Resp: 201112
Ion Ratio Lower Upper
105 100
71 2.8 2.4 3.6
51 28.7 25.9 38.9
120 20.3 16.7 25.1





#23

Nitrobenzene-d5

Concen: 94.865 ng

RT: 9.081 min Scan# 1022

Delta R.T. -0.011 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

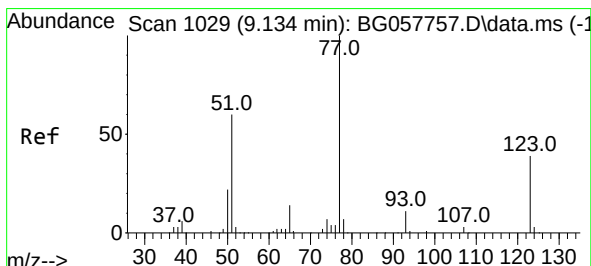
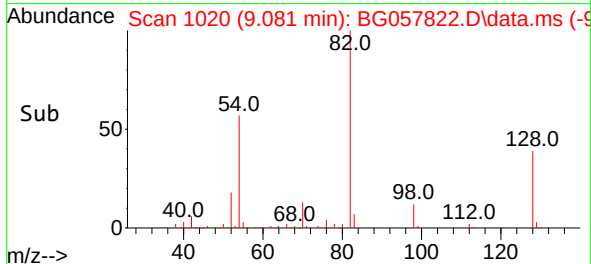
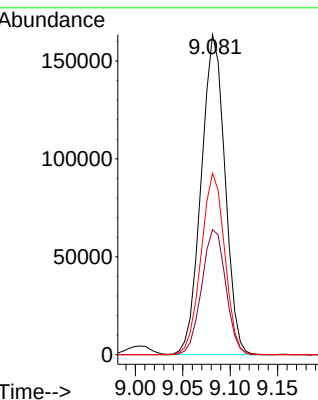
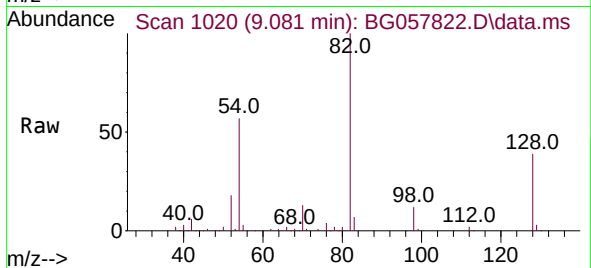
Tgt Ion: 82 Resp: 284750
 Ion Ratio Lower Upper
 82 100
 128 39.0 30.7 46.1
 54 56.7 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#24

Nitrobenzene

Concen: 45.832 ng

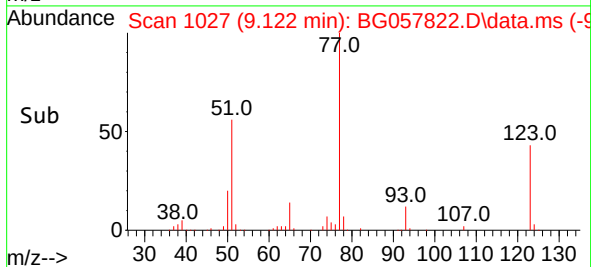
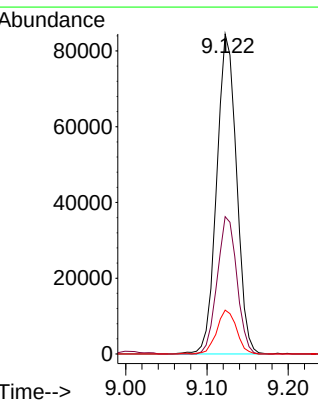
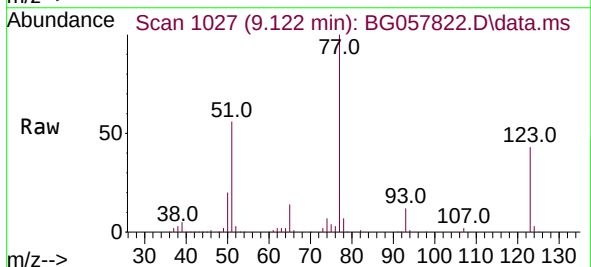
RT: 9.122 min Scan# 1027

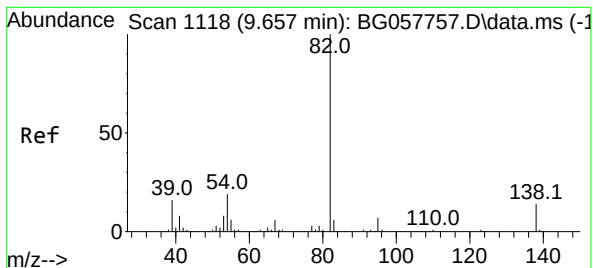
Delta R.T. -0.012 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Tgt Ion: 77 Resp: 143179
 Ion Ratio Lower Upper
 77 100
 123 42.9 31.4 47.2
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 45.375 ng

RT: 9.645 min Scan# 1116

Delta R.T. -0.011 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion: 82 Resp: 311170

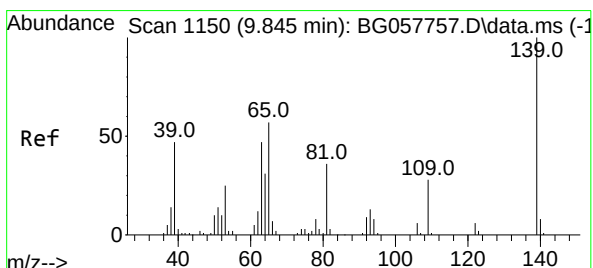
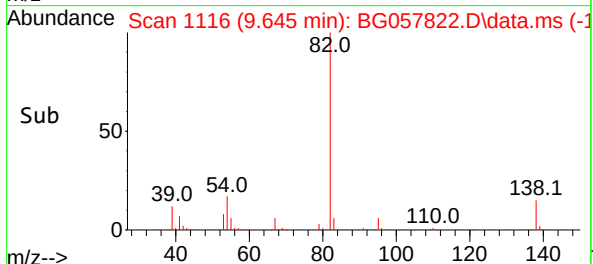
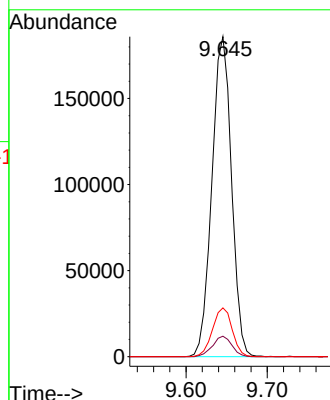
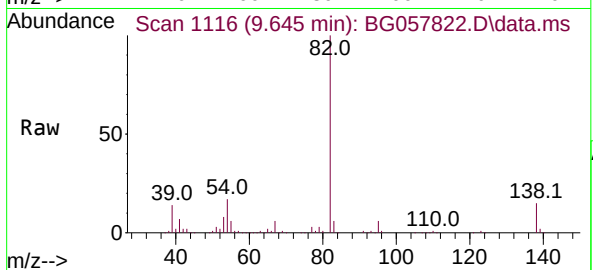
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	15.2	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#26

2-Nitrophenol

Concen: 63.935 ng

RT: 9.833 min Scan# 1148

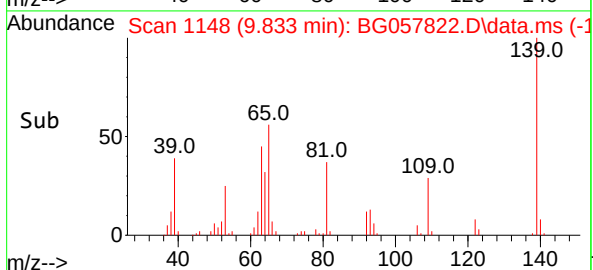
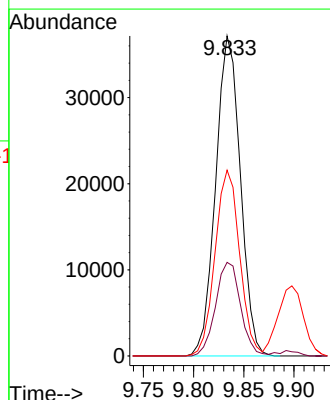
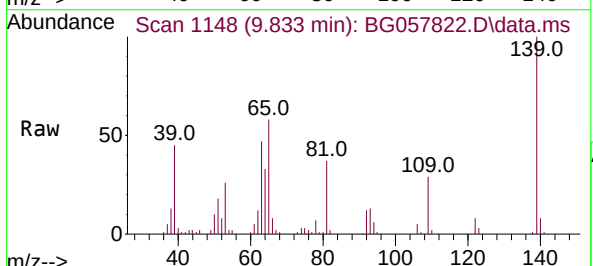
Delta R.T. -0.012 min

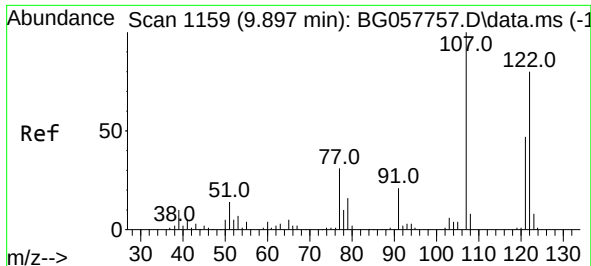
Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Tgt Ion:139 Resp: 63543

Ion	Ratio	Lower	Upper
139	100		
109	29.2	22.5	33.7
65	58.1	45.5	68.3





#27

2,4-Dimethylphenol

Concen: 54.539 ng

RT: 9.898 min Scan# 1159

Delta R.T. 0.001 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

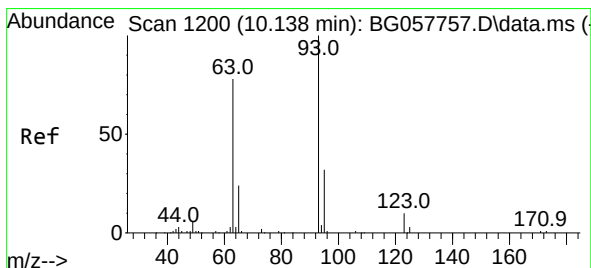
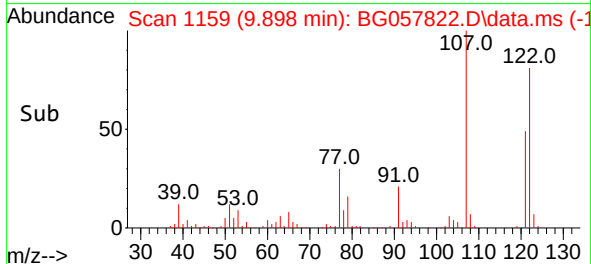
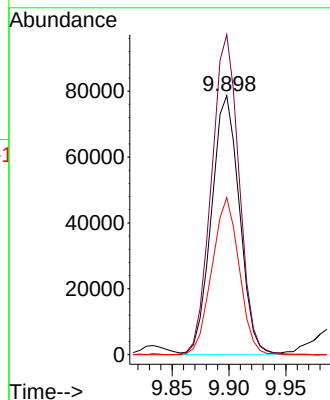
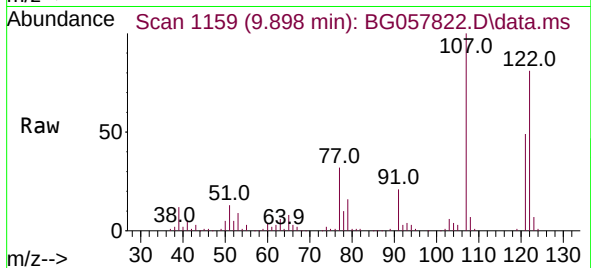
Tgt Ion:122 Resp: 13420
 Ion Ratio Lower Upper
 122 100
 107 123.6 98.9 148.3
 121 60.7 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.103 ng

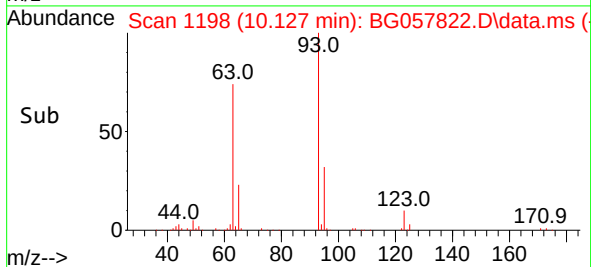
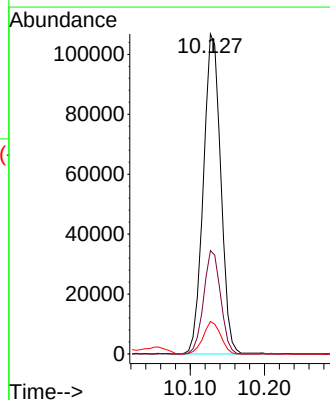
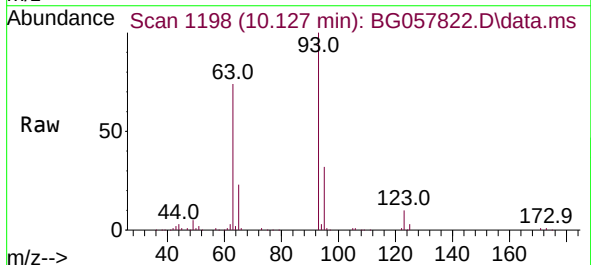
RT: 10.127 min Scan# 1198

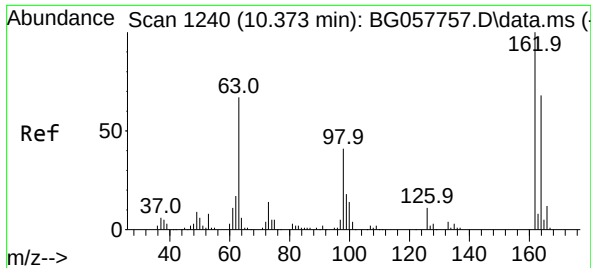
Delta R.T. -0.011 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Tgt Ion: 93 Resp: 173957
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.6 38.4
 123 10.2 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 56.938 ng

RT: 10.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

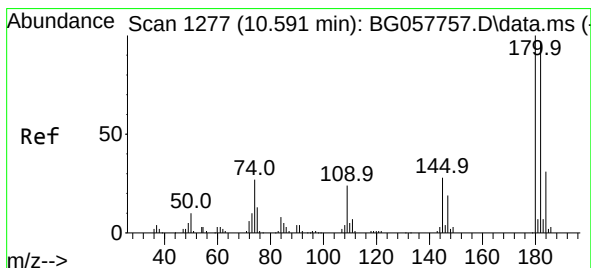
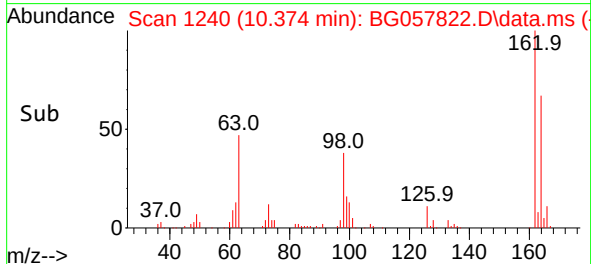
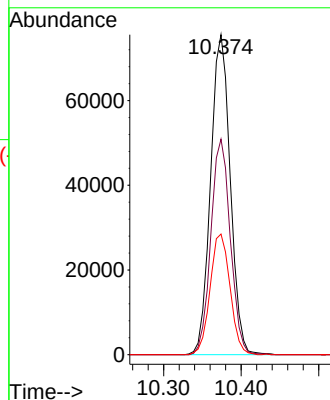
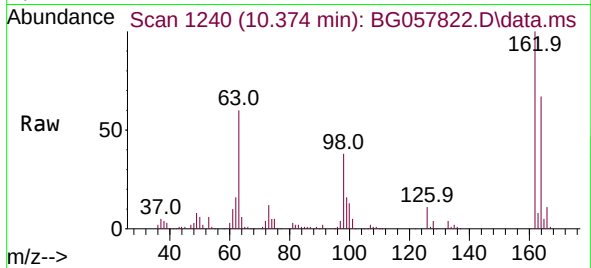
Tgt Ion:	162	Resp:	13304
Ion Ratio	Lower	Upper	
162	100		
164	67.4	48.2	88.2
98	37.7	20.7	60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.973 ng

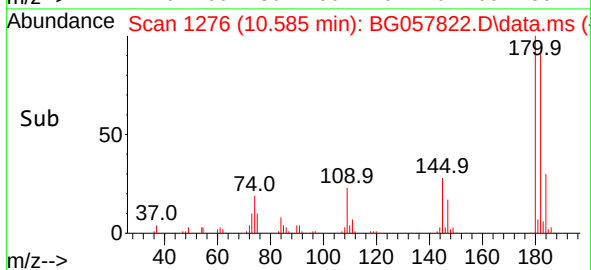
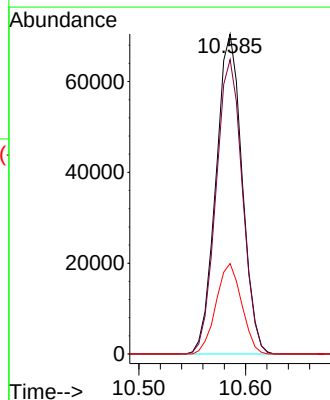
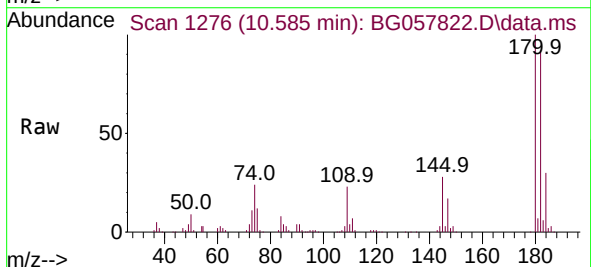
RT: 10.585 min Scan# 1276

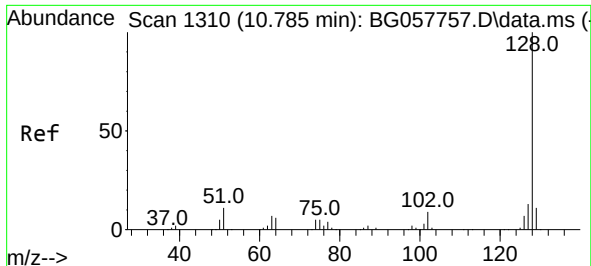
Delta R.T. -0.006 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

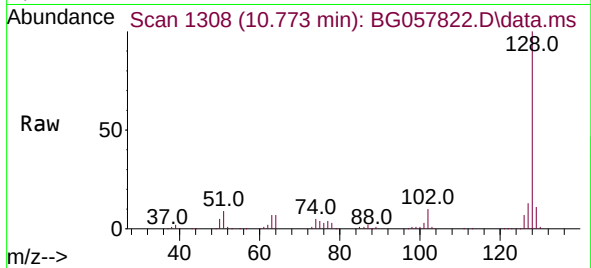
Tgt Ion:	180	Resp:	119741
Ion Ratio	Lower	Upper	
180	100		
182	92.0	77.5	116.3
145	28.3	22.6	34.0





#31
Naphthalene
Concen: 45.206 ng
RT: 10.773 min Scan# 1187
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

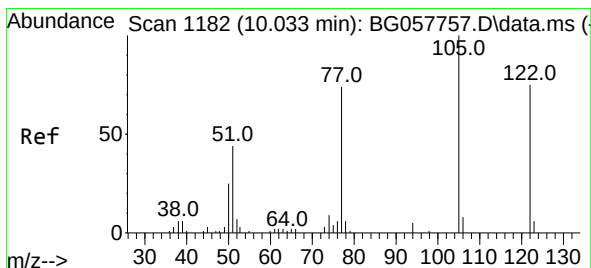
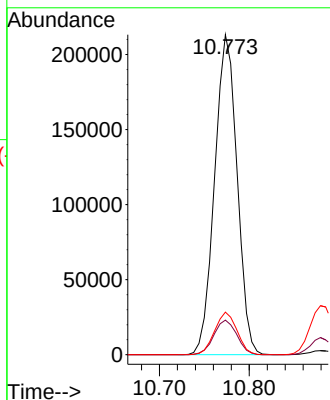
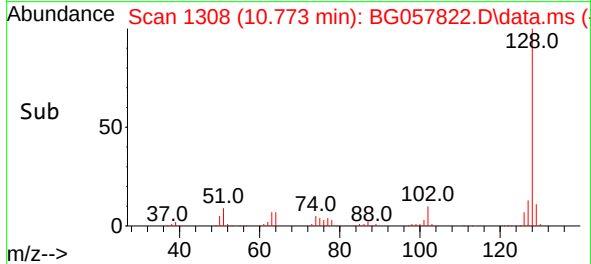
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:128 Resp: 370648
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.3 10.7 16.1

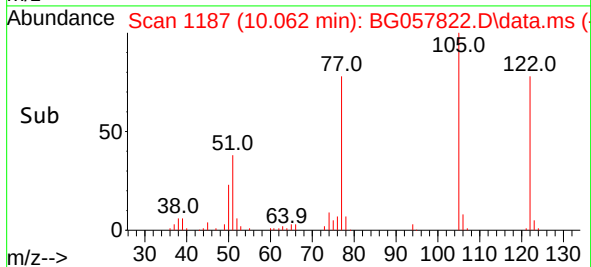
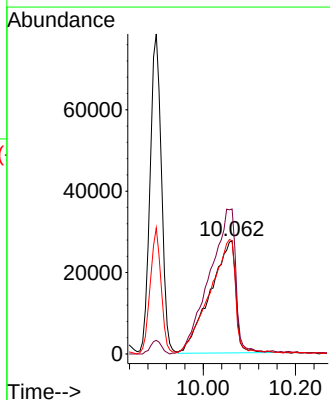
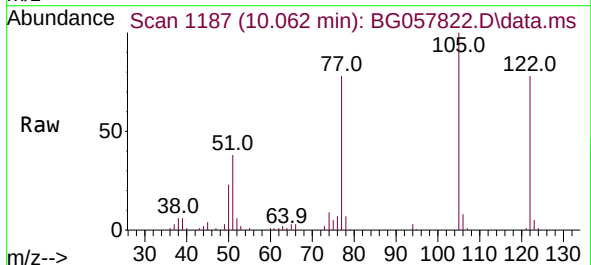
Manual Integrations
APPROVED

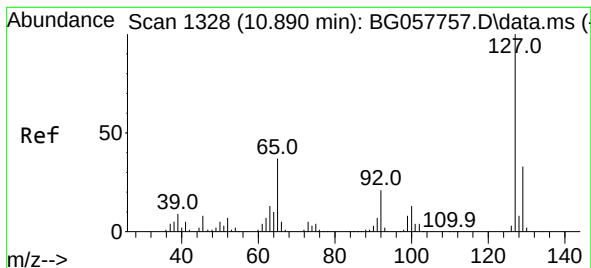
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 59.059 ng
RT: 10.062 min Scan# 1187
Delta R.T. 0.029 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

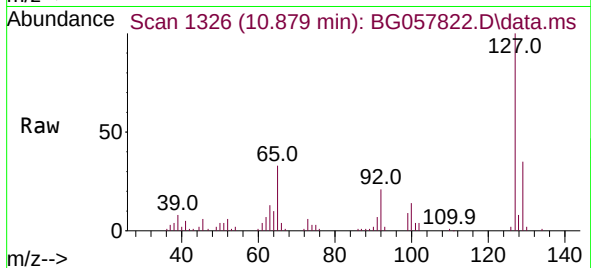
Tgt Ion:122 Resp: 106996
Ion Ratio Lower Upper
122 100
105 128.1 110.1 150.1
77 100.1 78.2 118.2





#33
4-Chloroaniline
Concen: 16.634 ng
RT: 10.879 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

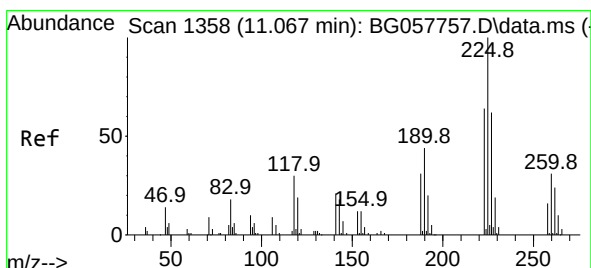
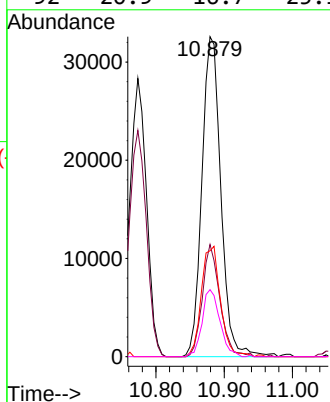
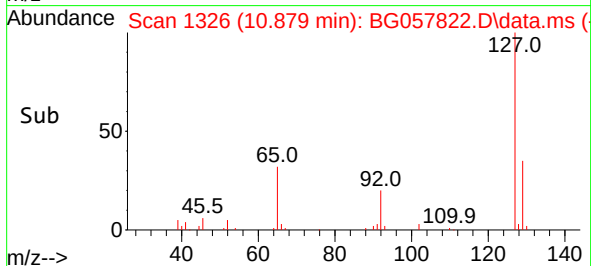
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



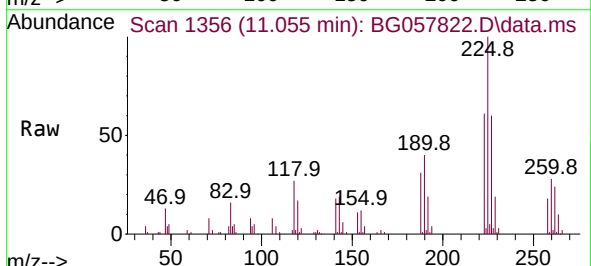
Tgt Ion:127 Resp: 63194
Ion Ratio Lower Upper
127 100
129 35.0 26.6 40.0
65 33.1 29.8 44.8
92 20.9 16.7 25.1

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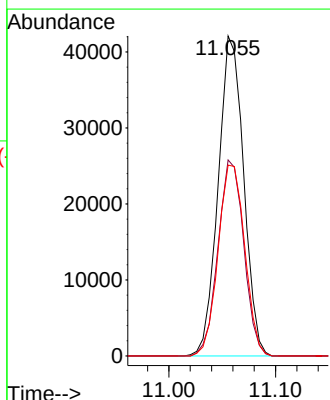
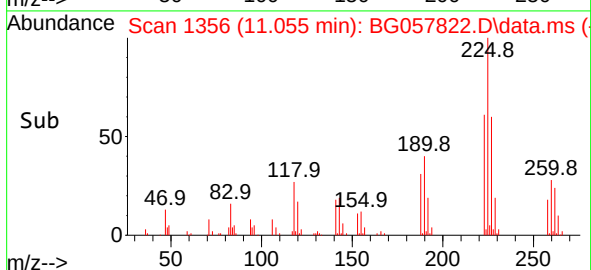
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

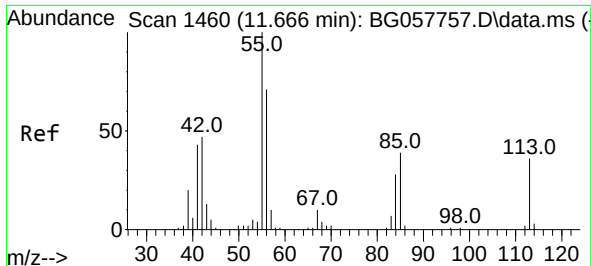


#34
Hexachlorobutadiene
Concen: 43.886 ng
RT: 11.055 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27



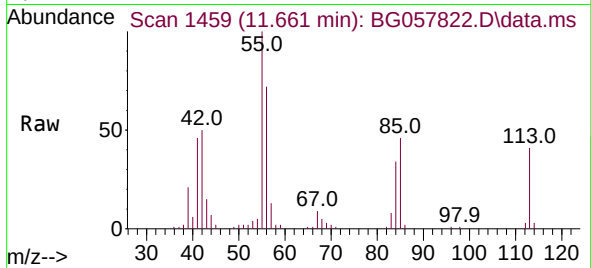
Tgt Ion:225 Resp: 69738
Ion Ratio Lower Upper
225 100
223 61.2 51.4 77.0
227 59.7 49.7 74.5





#35
Caprolactam
Concen: 46.765 ng m
RT: 11.661 min Scan# 1460
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

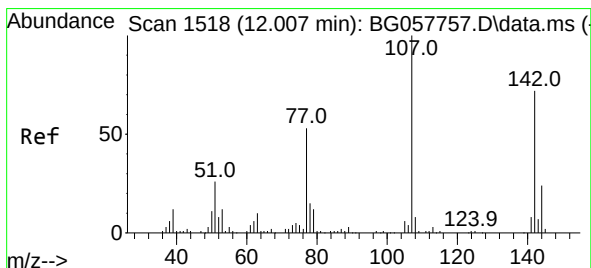
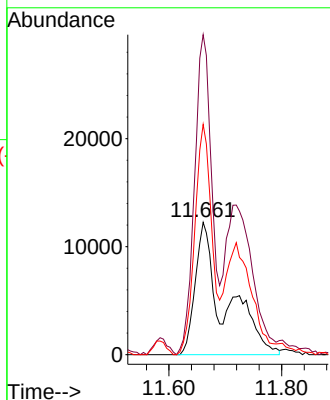
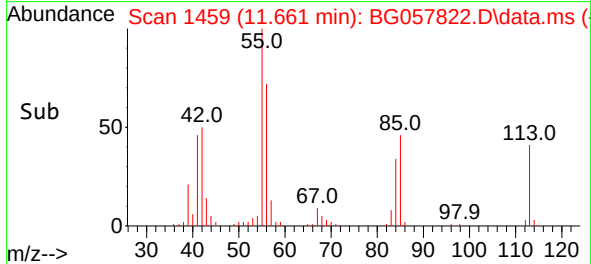
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:113 Resp: 4434
Ion Ratio Lower Upper
113 100
55 241.8 255.7 295.7
56 174.0 175.2 215.2

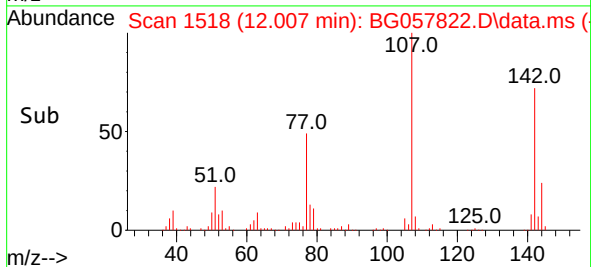
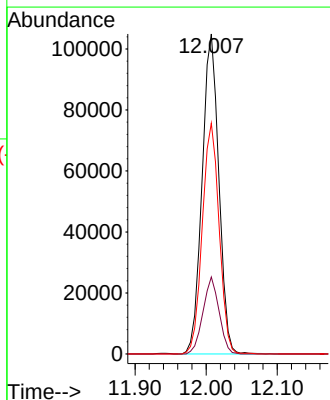
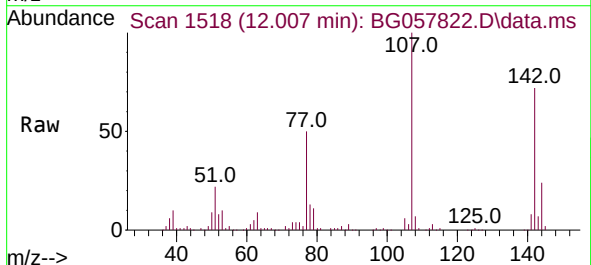
Manual Integrations
APPROVED

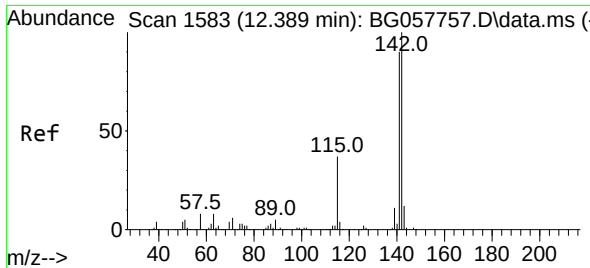
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 56.262 ng
RT: 12.007 min Scan# 1518
Delta R.T. 0.001 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:107 Resp: 171695
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 72.1 57.9 86.9





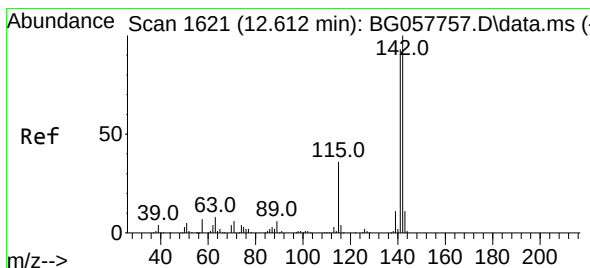
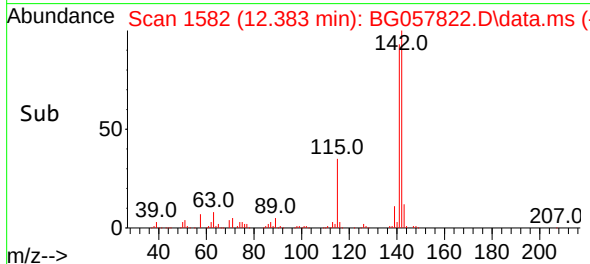
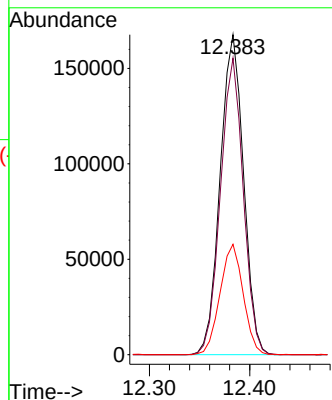
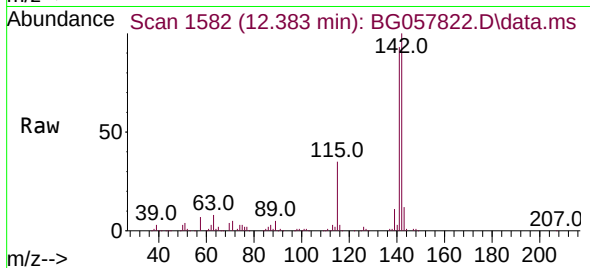
#37
2-Methylnaphthalene
Concen: 45.413 ng
RT: 12.383 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :
BNA_G
ClientSampleId :
WC-19MSD

Tgt Ion:142 Resp: 271409
Ion Ratio Lower Upper
142 100
141 92.6 72.1 108.1
115 34.5 29.7 44.5

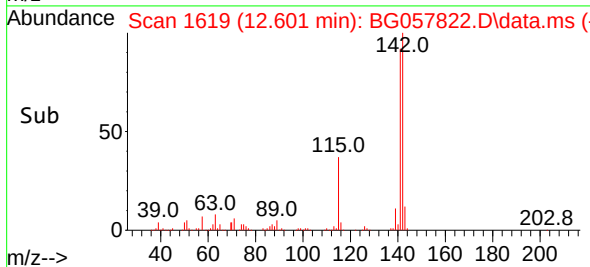
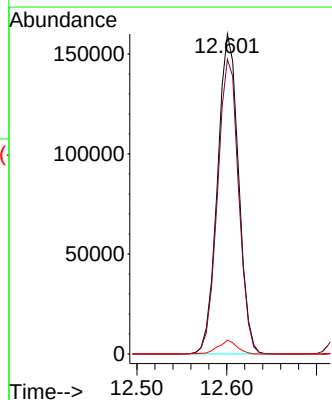
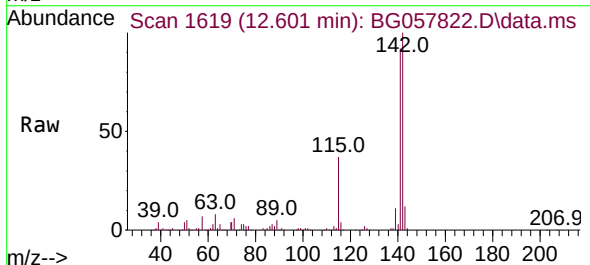
Manual Integrations
APPROVED

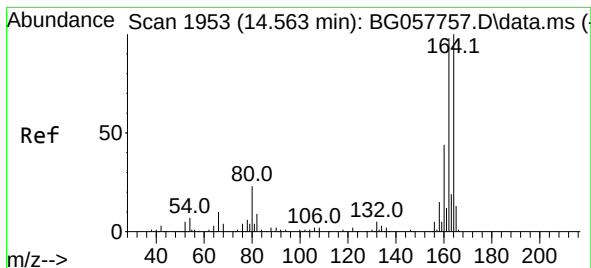
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#38
1-Methylnaphthalene
Concen: 46.099 ng
RT: 12.601 min Scan# 1619
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:142 Resp: 260073
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4
116 4.3 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:164 Resp: 115210

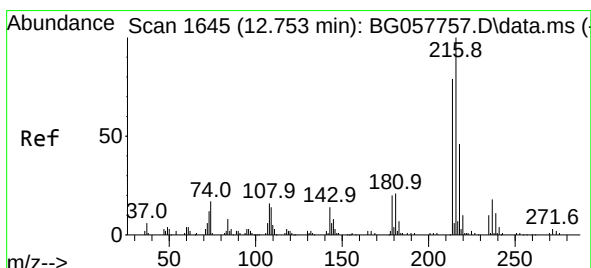
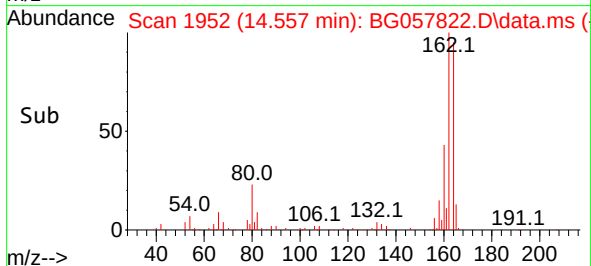
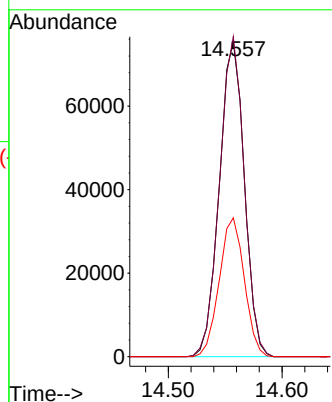
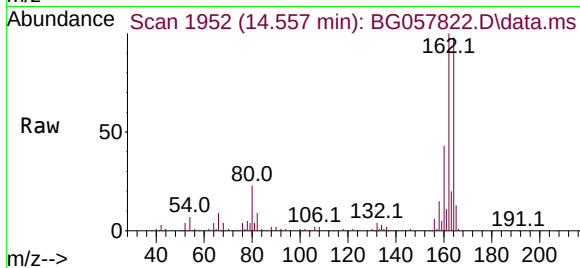
Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.3	117.5
160	44.1	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.511 ng

RT: 12.748 min Scan# 1644

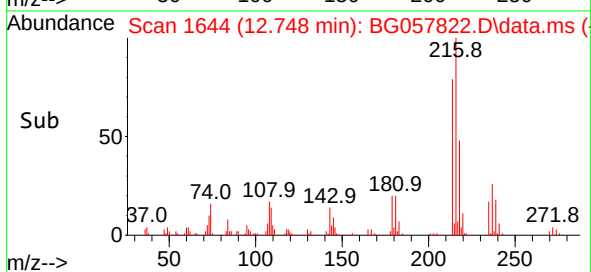
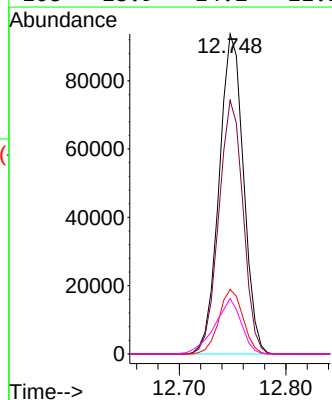
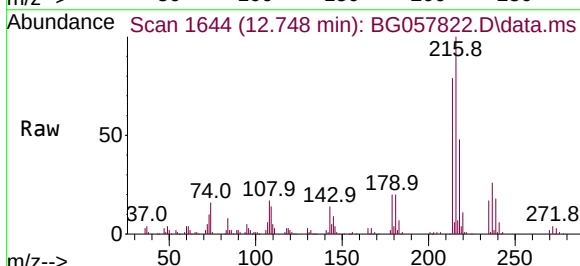
Delta R.T. -0.005 min

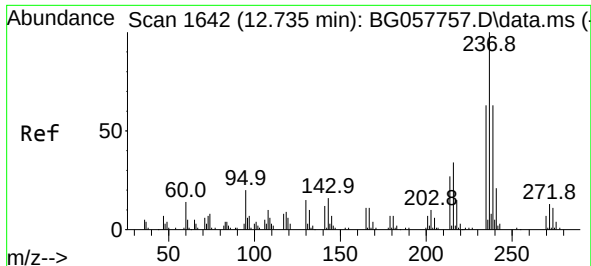
Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Tgt Ion:216 Resp: 148562

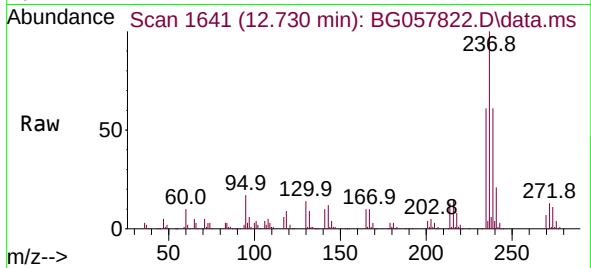
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	19.9	16.2	24.2
108	18.9	14.2	21.2





#41
Hexachlorocyclopentadiene
Concen: 111.606 ng
RT: 12.730 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

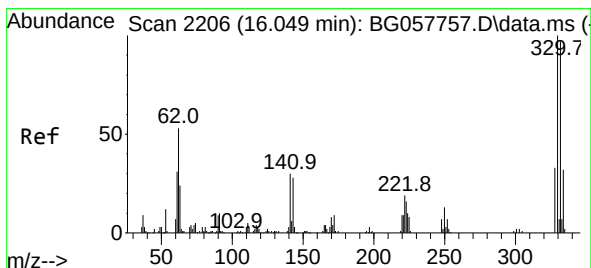
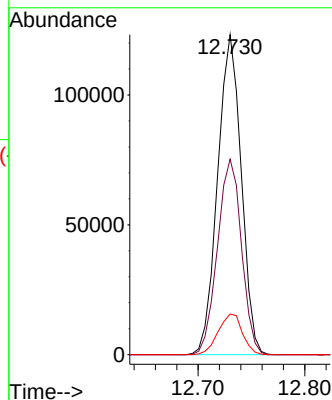
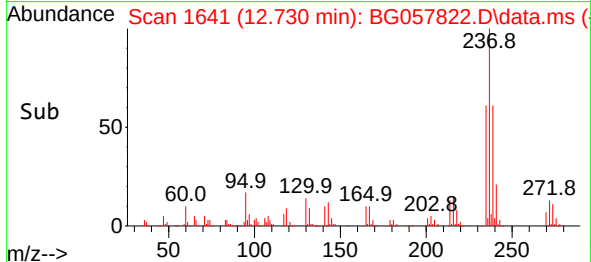
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



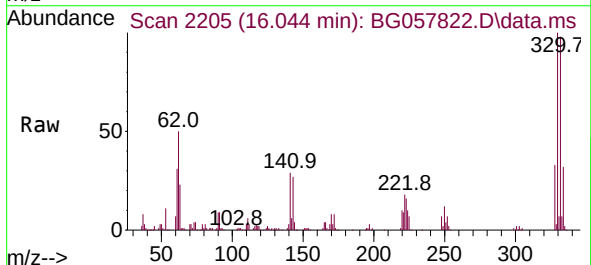
Tgt Ion:237 Resp: 18925
Ion Ratio Lower Upper
237 100
235 61.1 43.5 83.5
272 12.7 0.0 32.8

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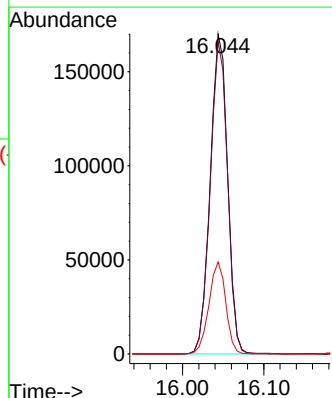
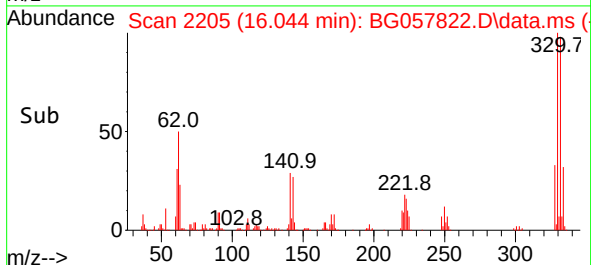
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

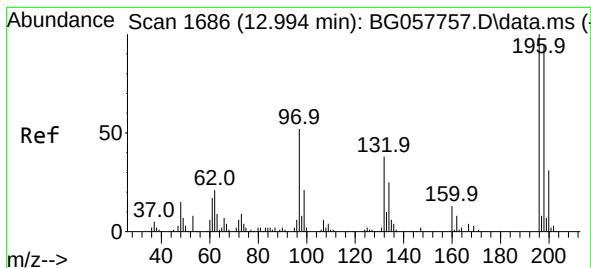


#42
2,4,6-Tribromophenol
Concen: 157.313 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27



Tgt Ion:330 Resp: 252480
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 27.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 54.622 ng

RT: 12.988 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:196 Resp: 124924

Ion Ratio Lower Upper

196 100

198 97.1 75.5 113.3

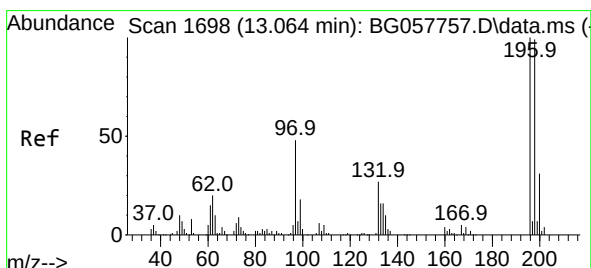
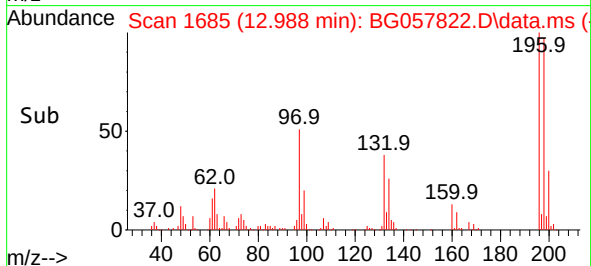
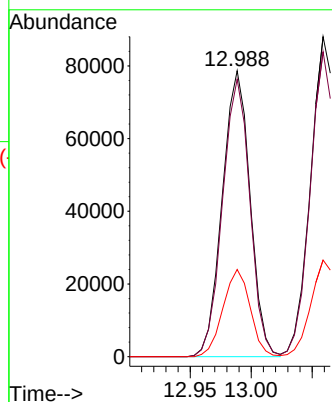
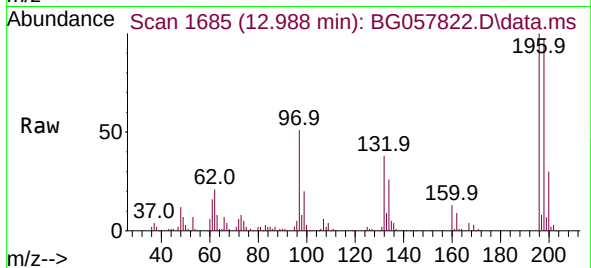
200 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#44

2,4,5-Trichlorophenol

Concen: 52.222 ng

RT: 13.059 min Scan# 1697

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Tgt Ion:196 Resp: 139219

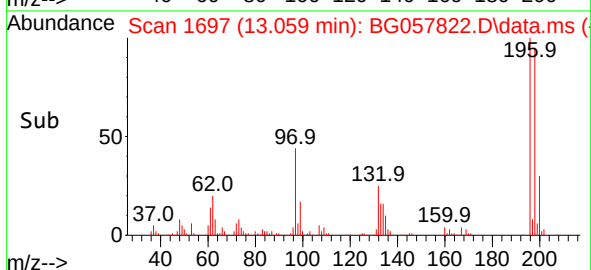
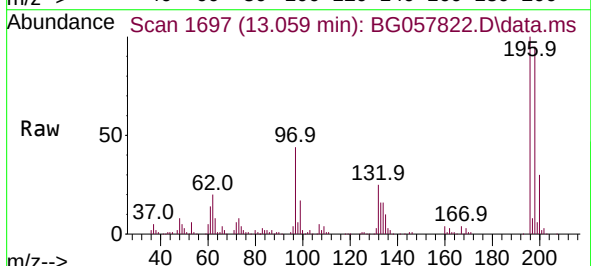
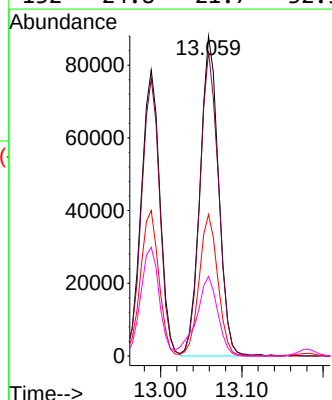
Ion Ratio Lower Upper

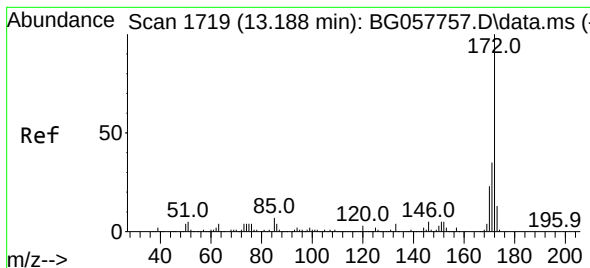
196 100

198 95.3 78.9 118.3

97 44.2 38.3 57.5

132 24.8 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 87.312 ng

RT: 13.182 min Scan# 1719

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:172 Resp: 66324

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

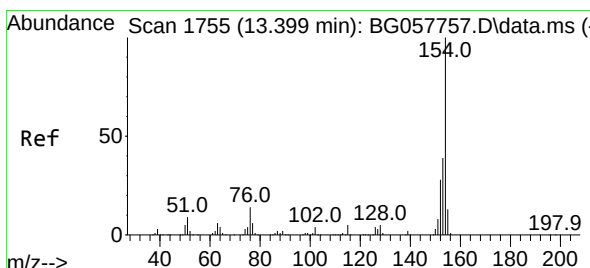
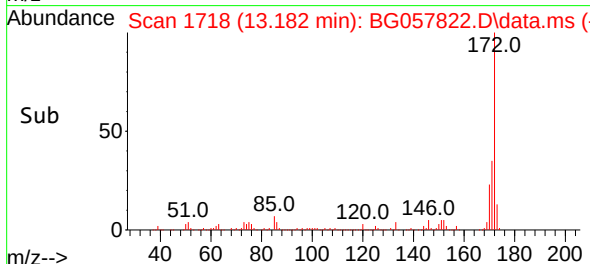
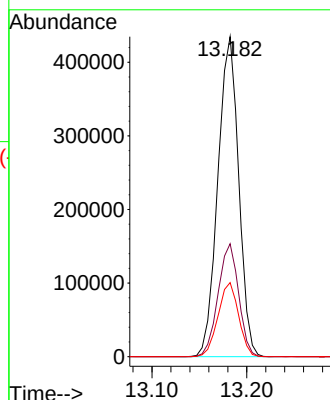
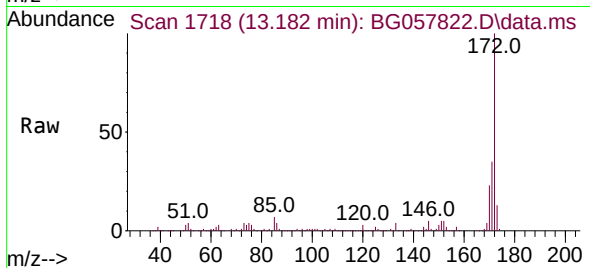
170 23.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 48.097 ng

RT: 13.394 min Scan# 1754

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

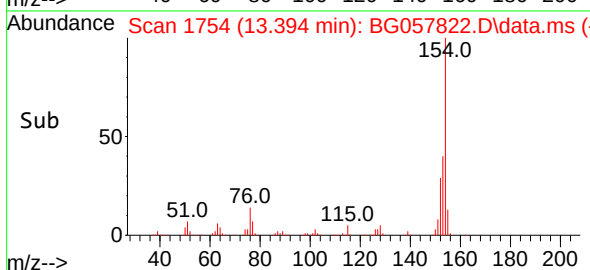
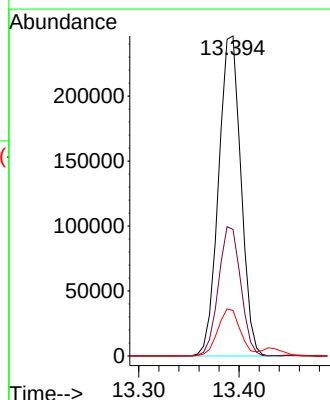
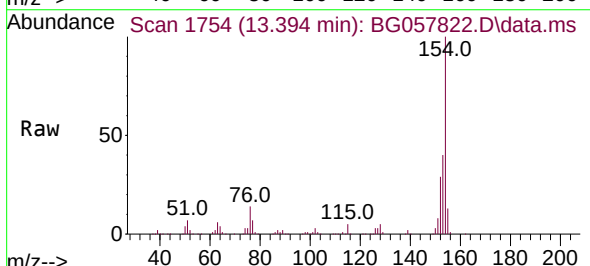
Tgt Ion:154 Resp: 380502

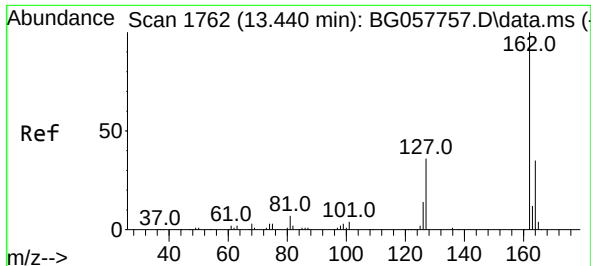
Ion Ratio Lower Upper

154 100

153 39.5 19.1 59.1

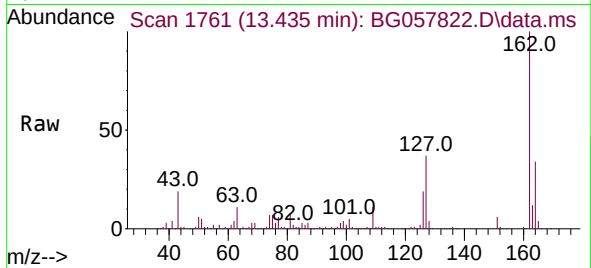
76 14.2 0.0 34.3





#47
2-Chloronaphthalene
Concen: 48.084 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

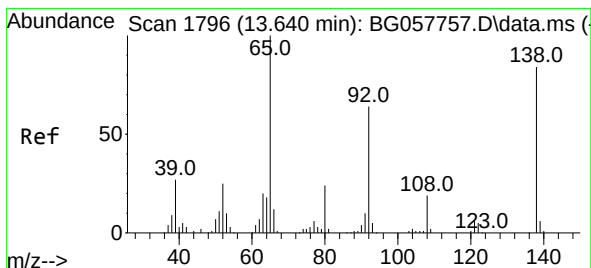
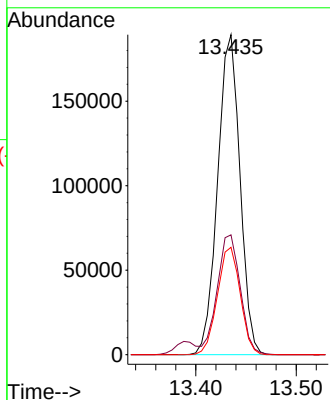
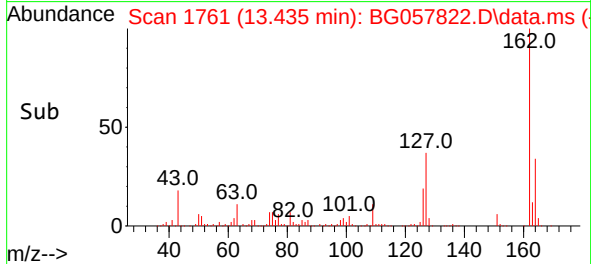
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:162 Resp: 29224
Ion Ratio Lower Upper
162 100
127 37.5 32.2 48.2
164 33.5 28.0 42.0

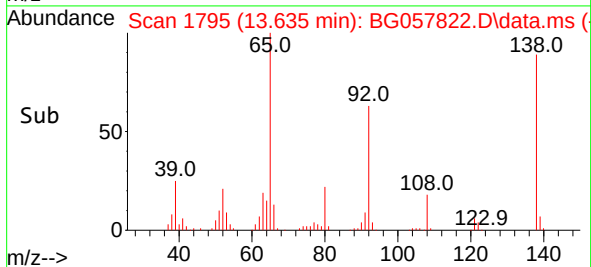
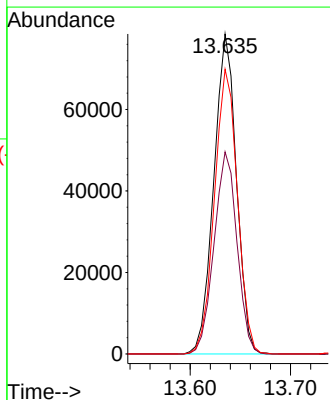
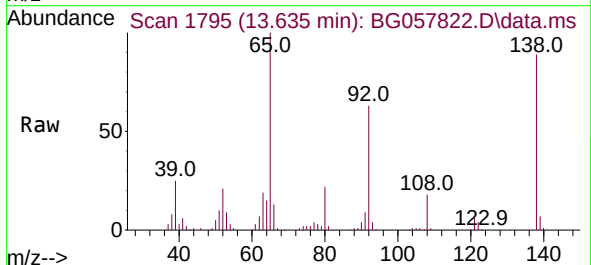
Manual Integrations
APPROVED

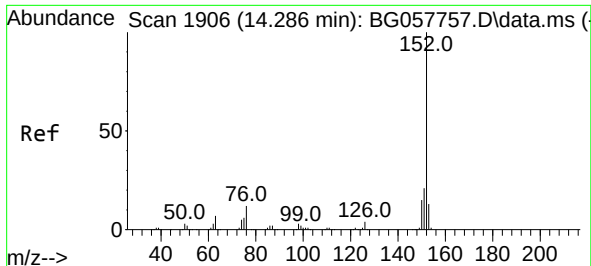
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#48
2-Nitroaniline
Concen: 56.853 ng
RT: 13.635 min Scan# 1795
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

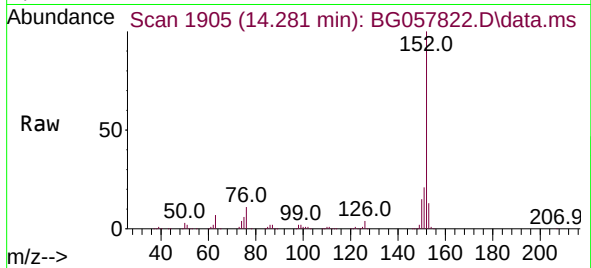
Tgt Ion: 65 Resp: 122792
Ion Ratio Lower Upper
65 100
92 63.2 51.2 76.8
138 88.9 67.2 100.8





#49
Acenaphthylene
Concen: 47.893 ng
RT: 14.281 min Scan# 1906
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

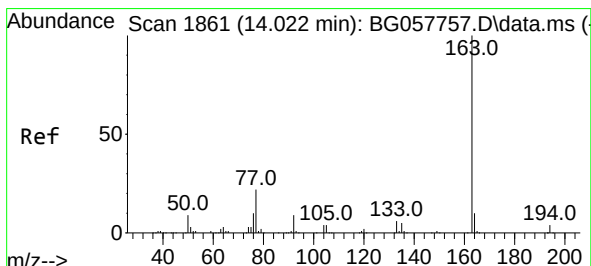
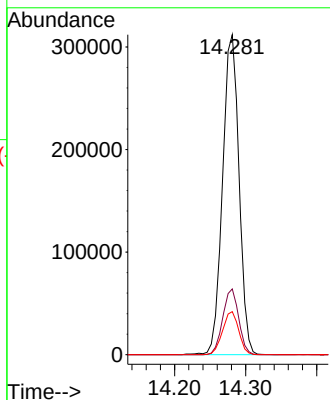
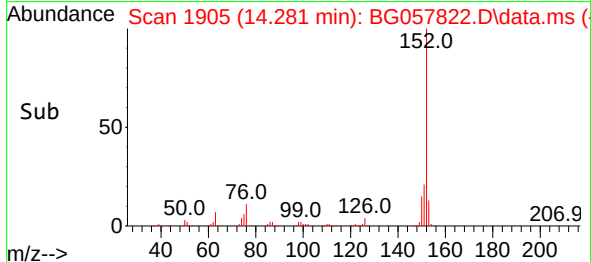
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



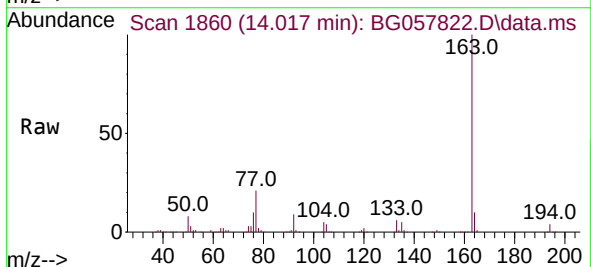
Tgt Ion:152 Resp: 49961
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.4 10.5 15.7

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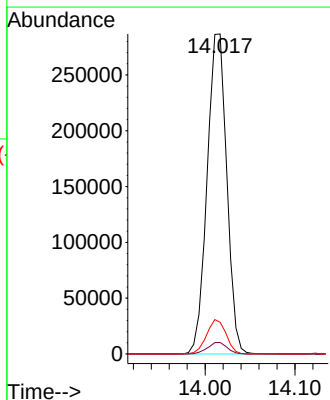
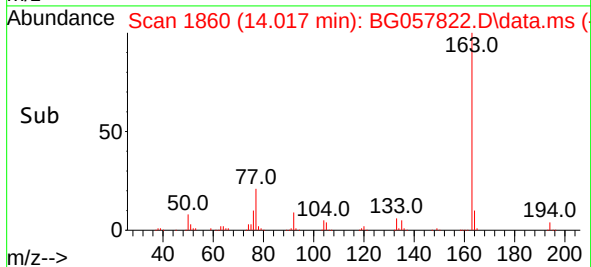
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

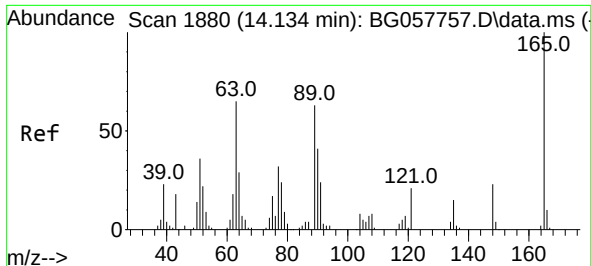


#50
Dimethylphthalate
Concen: 49.251 ng
RT: 14.017 min Scan# 1860
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27



Tgt Ion:163 Resp: 435833
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.9 8.2 12.4





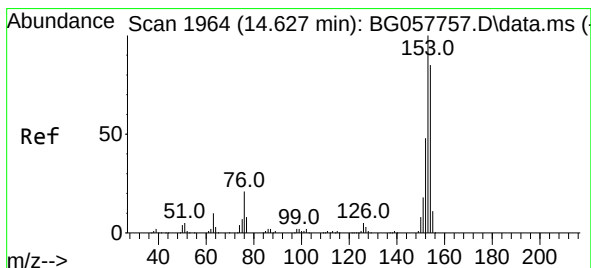
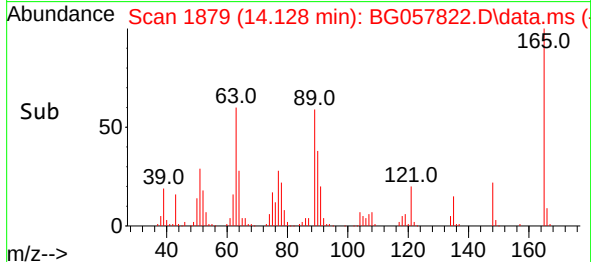
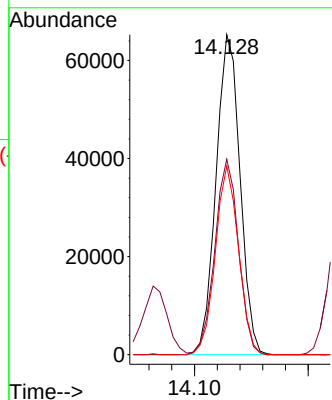
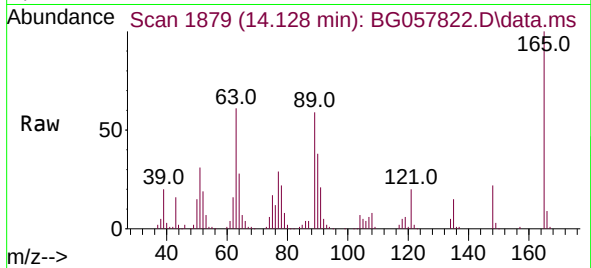
#51
2,6-Dinitrotoluene
Concen: 58.808 ng
RT: 14.128 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :
BNA_G
ClientSampleId :
WC-19MSD

Tgt Ion:165 Resp: 9583
Ion Ratio Lower Upper
165 100
63 61.1 52.8 79.2
89 59.0 50.7 76.1

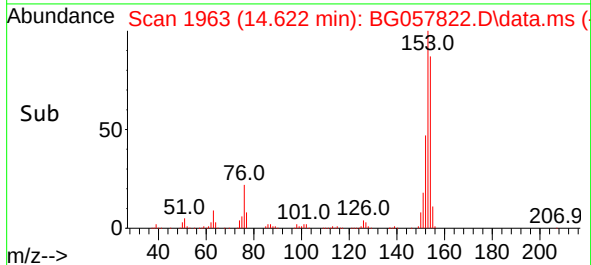
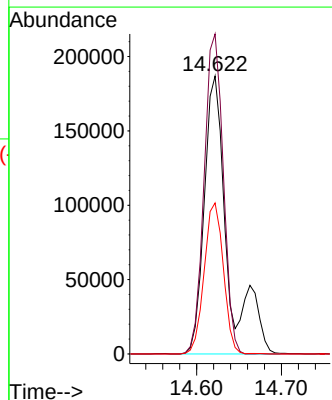
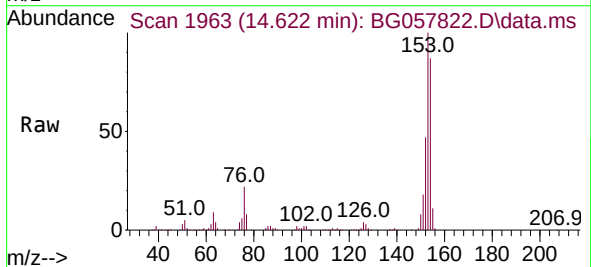
Manual Integrations
APPROVED

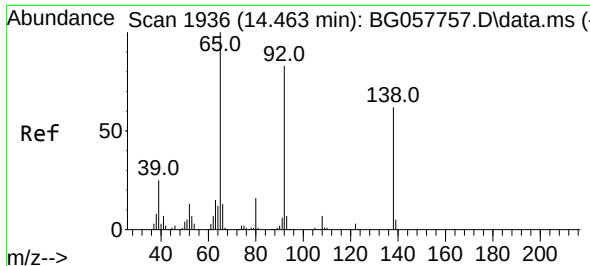
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 55.420 ng m
RT: 14.622 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:154 Resp: 357906
Ion Ratio Lower Upper
154 100
153 115.1 93.6 140.4
152 54.4 44.7 67.1





#53
3-Nitroaniline
Concen: 30.963 ng
RT: 14.457 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

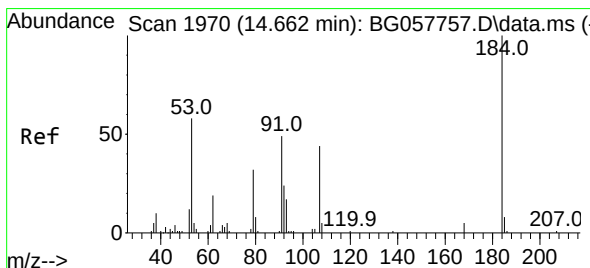
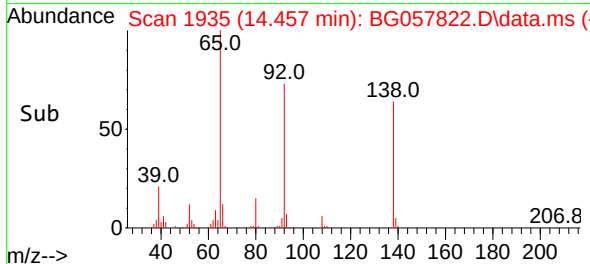
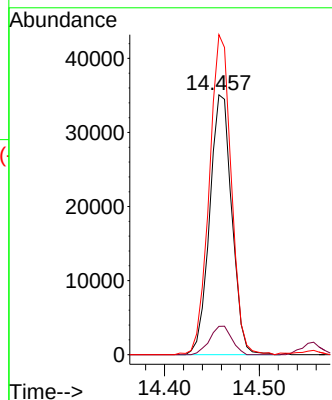
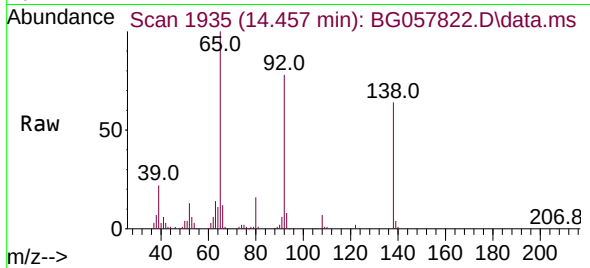
WC-19MSD

Tgt Ion:138 Resp: 5686
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 123.1 106.4 159.6

Manual Integrations

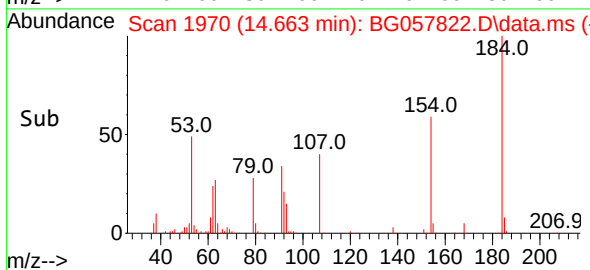
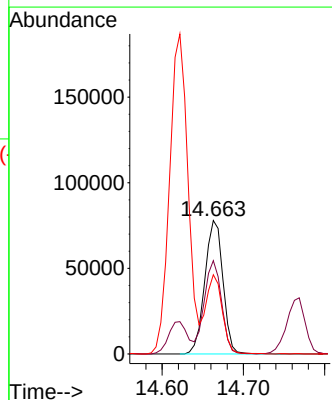
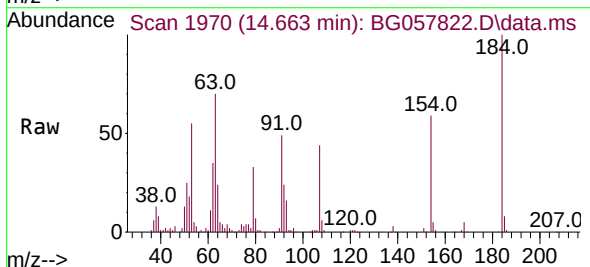
APPROVED

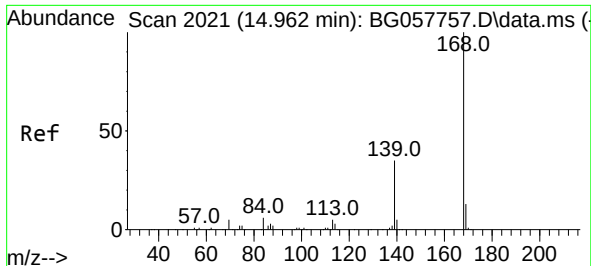
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#54
2,4-Dinitrophenol
Concen: 135.137 ng
RT: 14.663 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

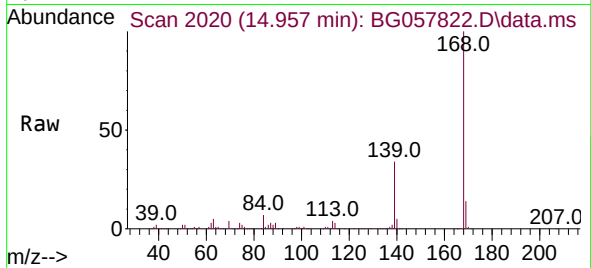
Tgt Ion:184 Resp: 120654
Ion Ratio Lower Upper
184 100
63 69.9 55.2 82.8
154 59.3 47.4 71.0





#55
Dibenzenofuran
Concen: 47.952 ng
RT: 14.957 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

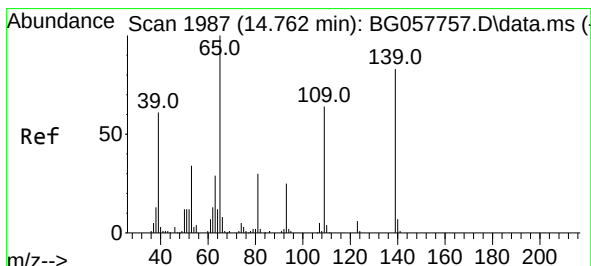
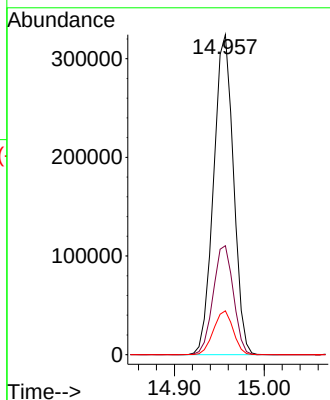
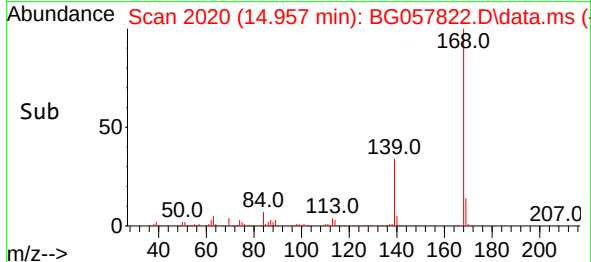
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:168 Resp: 497944
Ion Ratio Lower Upper
168 100
139 34.0 28.1 42.1
169 13.7 10.7 16.1

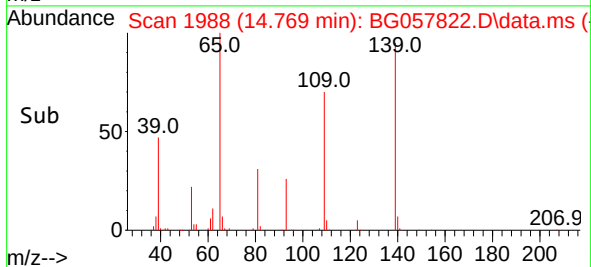
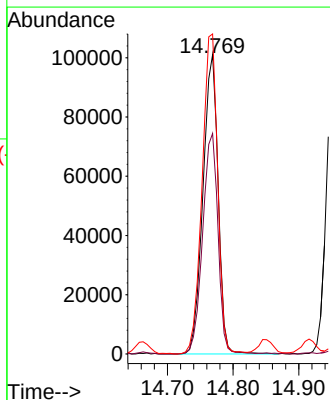
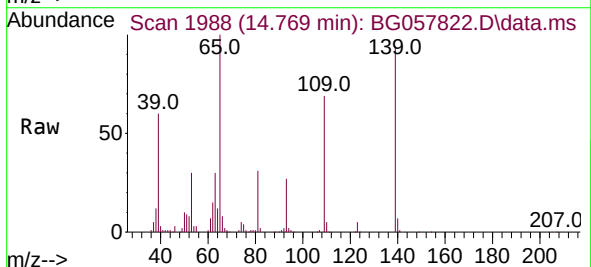
Manual Integrations
APPROVED

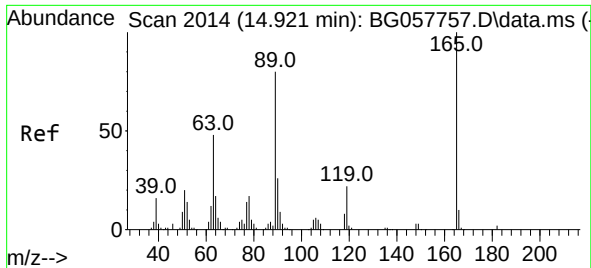
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 111.614 ng
RT: 14.769 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:139 Resp: 162895
Ion Ratio Lower Upper
139 100
109 73.6 57.3 97.3
65 106.9 100.0 140.0





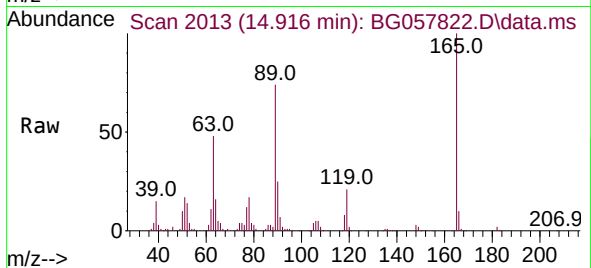
#57
2,4-Dinitrotoluene
Concen: 62.829 ng
RT: 14.916 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

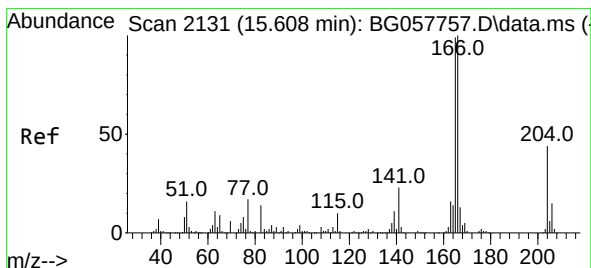
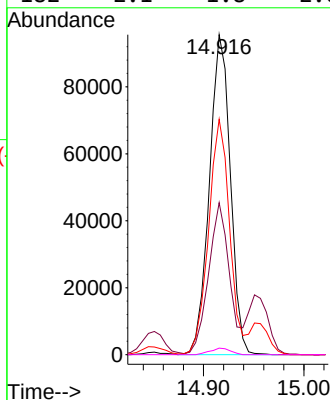
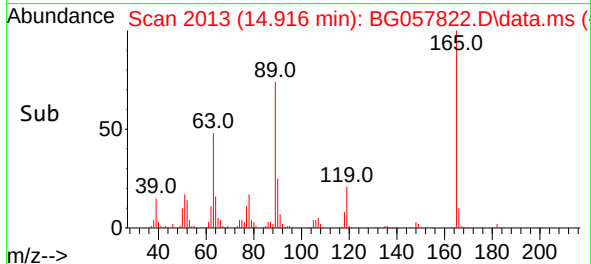


Tgt Ion:165 Resp: 13884
Ion Ratio Lower Upper
165 100
63 47.5 38.6 58.0
89 73.6 63.7 95.5
182 2.1 1.8 2.6

Manual Integrations

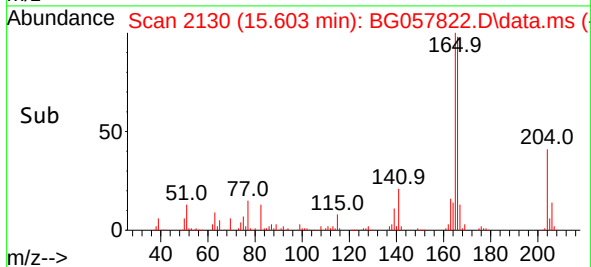
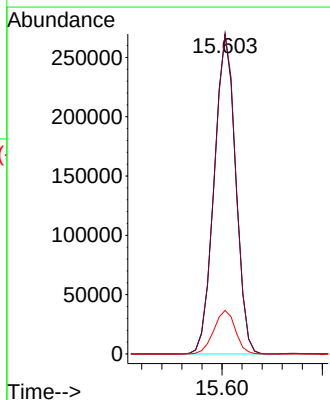
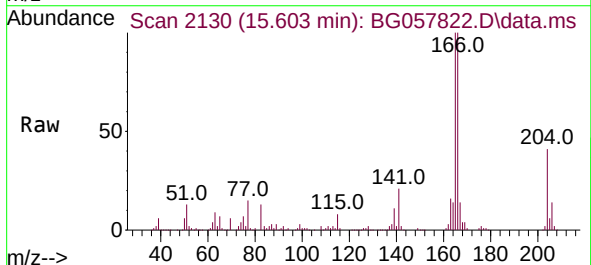
APPROVED

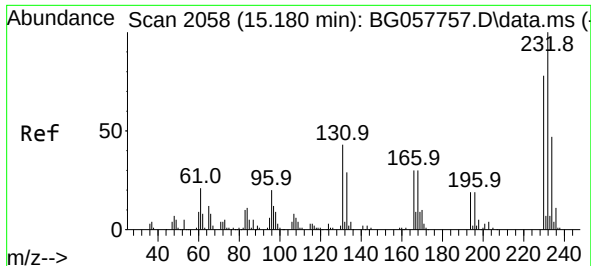
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#58
Fluorene
Concen: 48.623 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

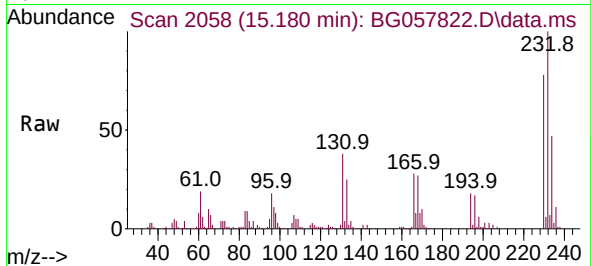
Tgt Ion:166 Resp: 399676
Ion Ratio Lower Upper
166 100
165 100.1 79.5 119.3
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.906 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

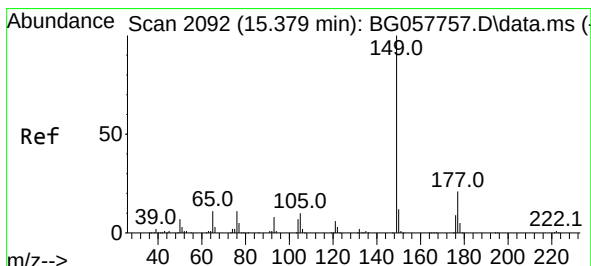
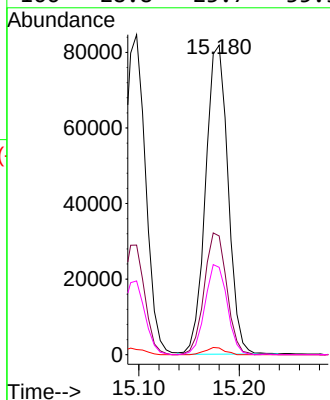
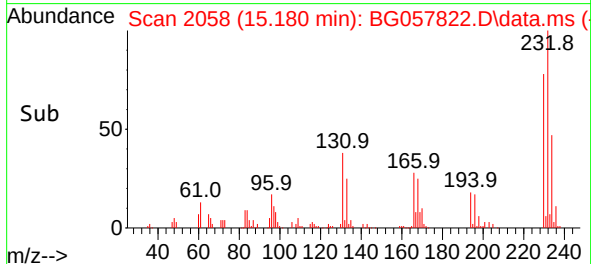
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



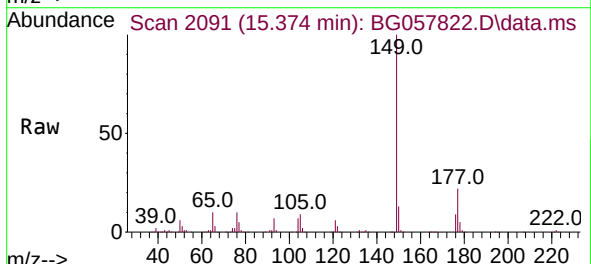
Tgt Ion:232 Resp: 12701
Ion Ratio Lower Upper
232 100
131 39.7 31.9 47.9
130 2.0 1.6 2.4
166 28.8 23.7 35.5

Manual Integrations
APPROVED

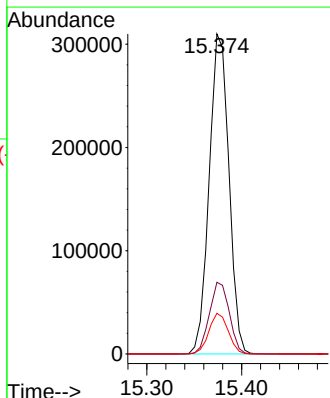
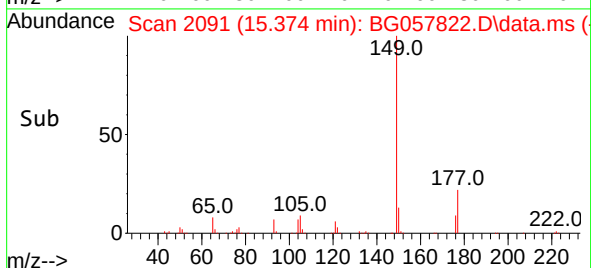
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

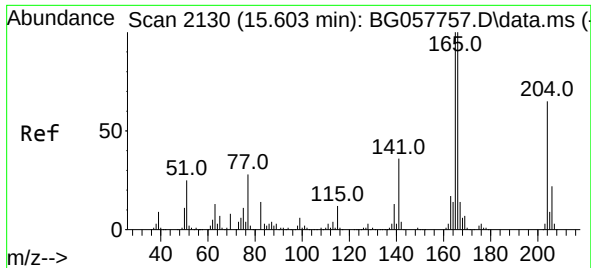


#60
Diethylphthalate
Concen: 49.270 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27



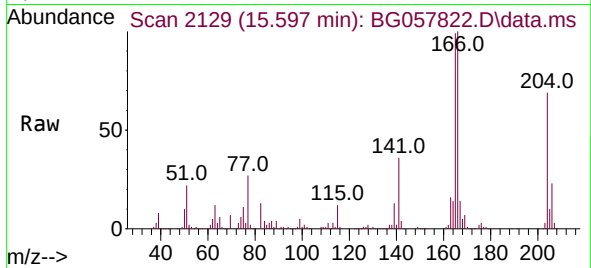
Tgt Ion:149 Resp: 447308
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.437 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

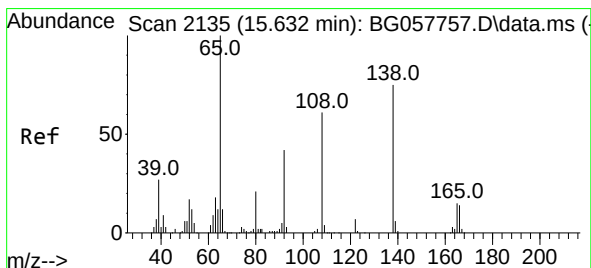
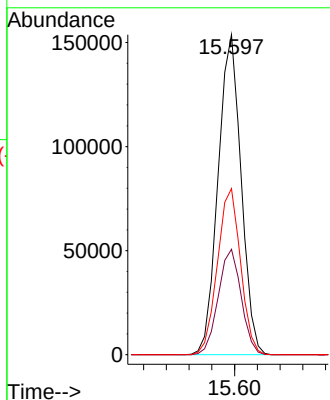
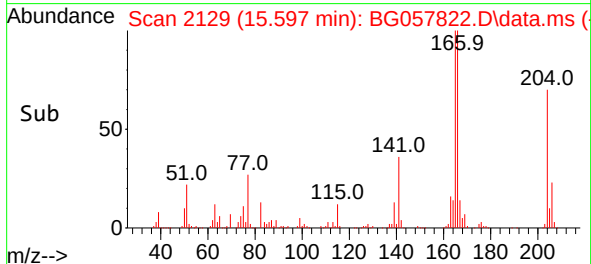
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



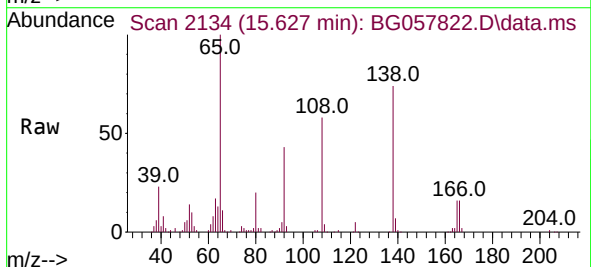
Tgt Ion:204 Resp: 21607
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 51.9 44.3 66.5

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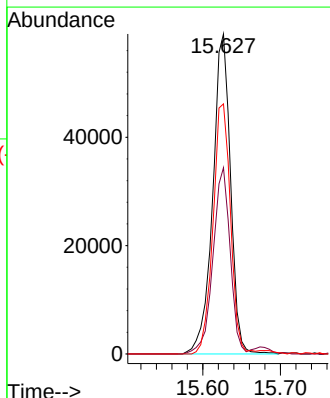
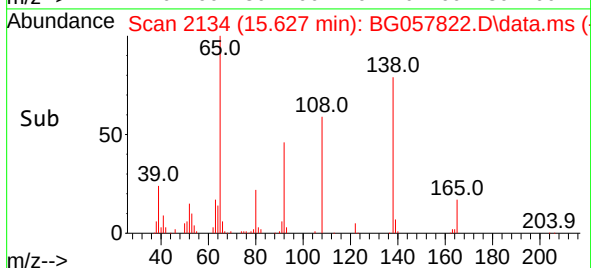
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

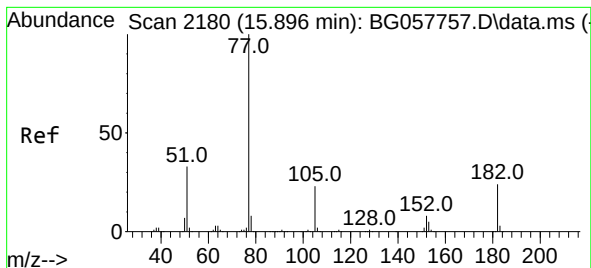


#62
4-Nitroaniline
Concen: 50.300 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27



Tgt Ion:138 Resp: 94171
Ion Ratio Lower Upper
138 100
92 58.2 35.9 75.9
108 78.2 62.1 102.1





#63

Azobenzene

Concen: 46.772 ng

RT: 15.891 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion: 77 Resp: 434349

Ion Ratio Lower Upper

77 100

182 25.0 4.1 44.1

105 24.1 3.3 43.3

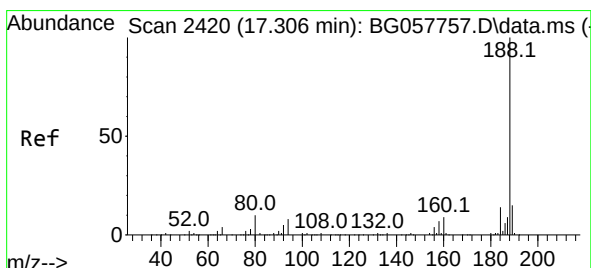
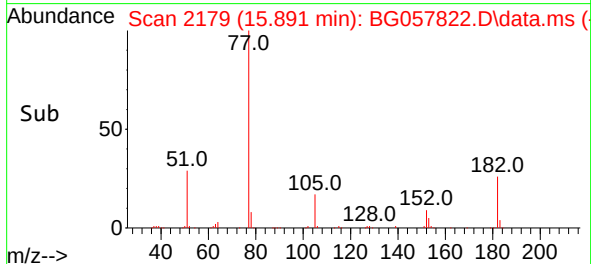
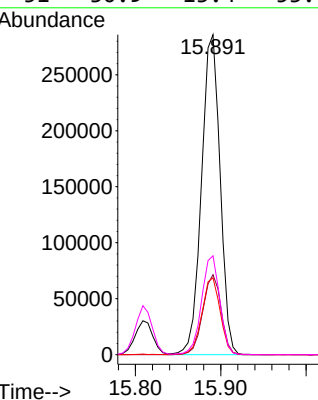
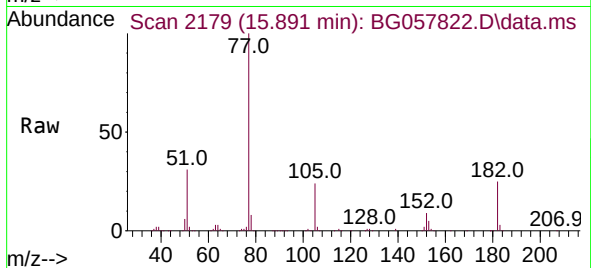
51 30.9 13.4 53.4

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: 17.301 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

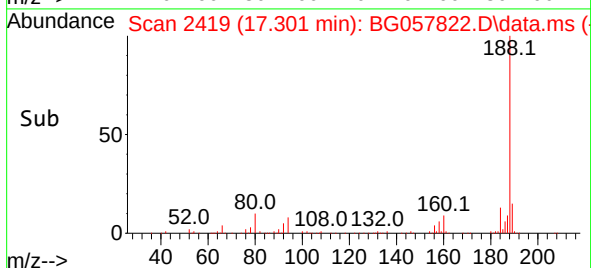
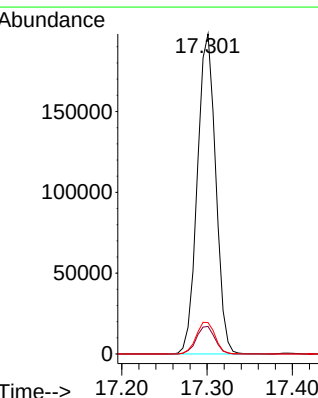
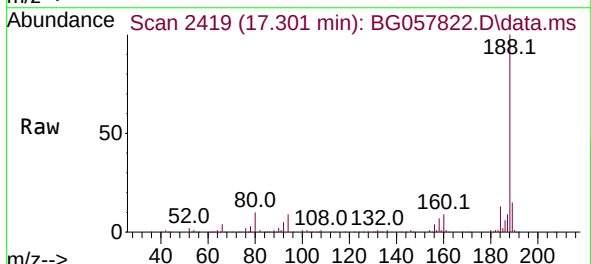
Tgt Ion:188 Resp: 296042

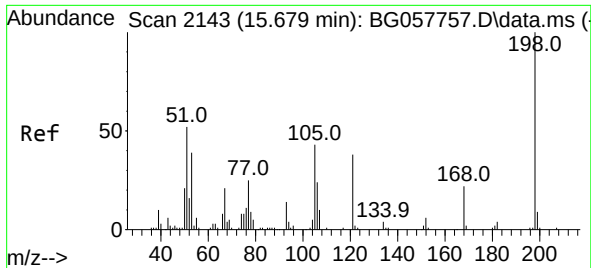
Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 9.8 7.6 11.4





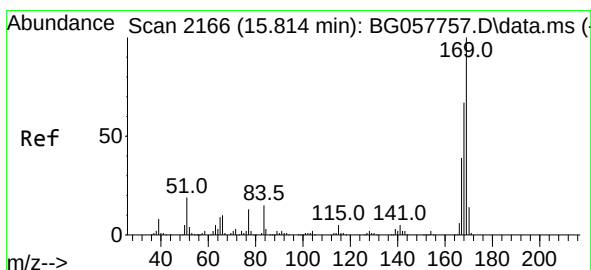
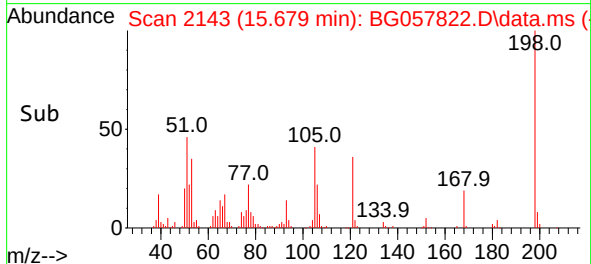
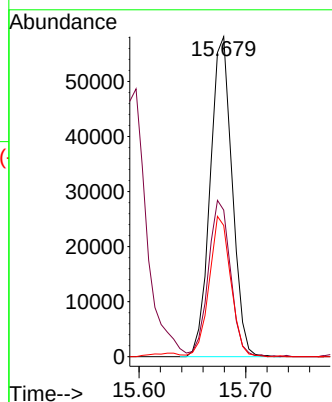
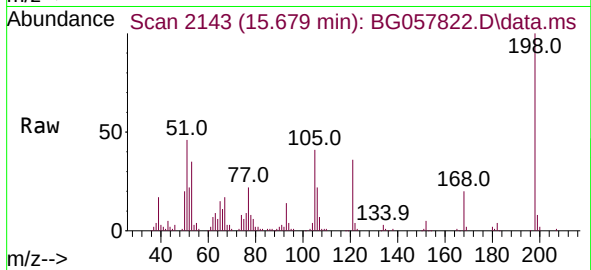
#65
4,6-Dinitro-2-methylphenol
Concen: 59.759 ng
RT: 15.679 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :
BNA_G
ClientSampleId :
WC-19MSD

Tgt Ion:198 Resp: 83260
Ion Ratio Lower Upper
198 100
51 45.8 36.6 76.6
105 41.0 24.3 64.3

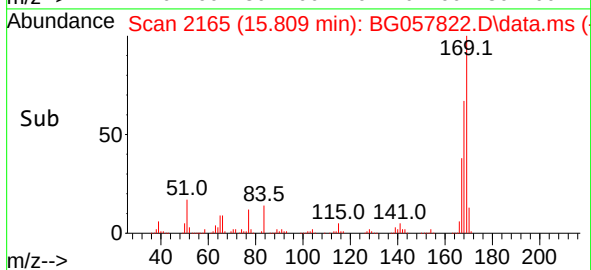
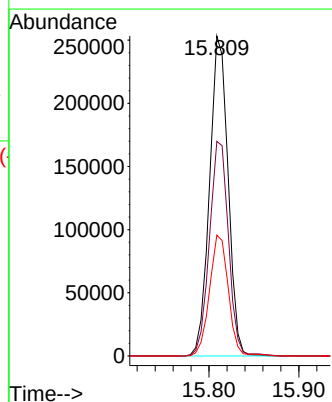
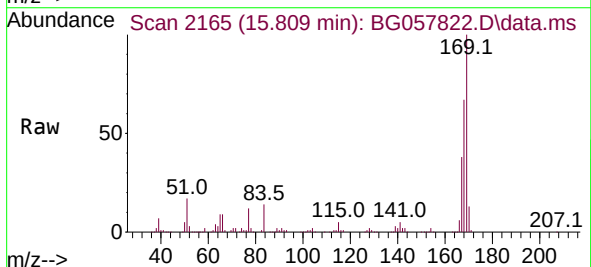
Manual Integrations
APPROVED

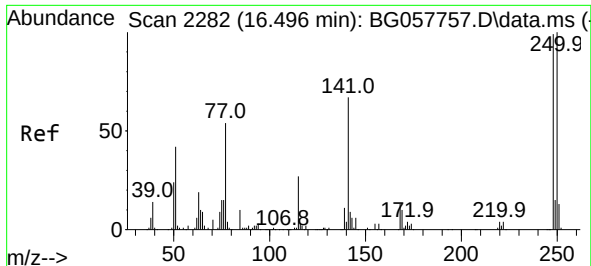
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 46.281 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:169 Resp: 361616
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 37.8 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 47.225 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

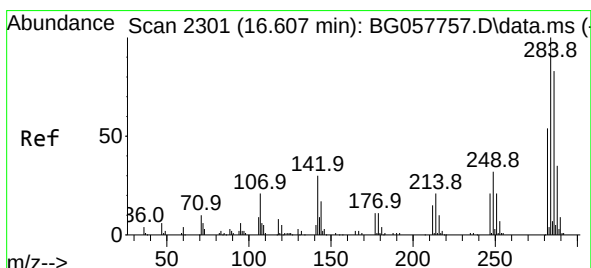
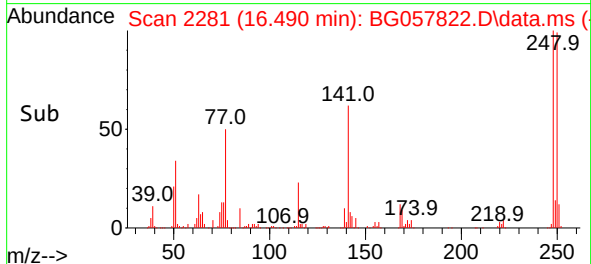
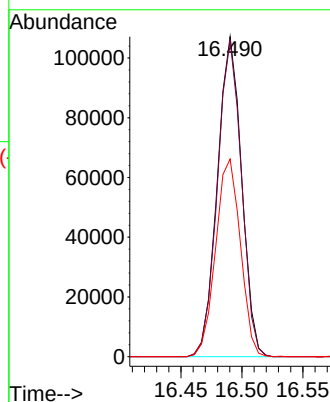
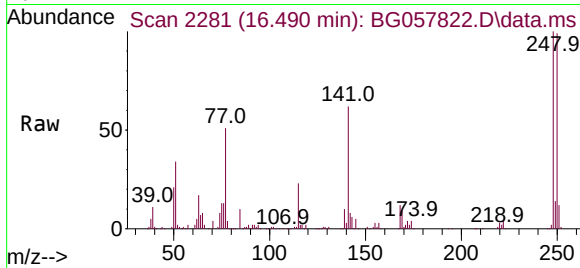
WC-19MSD

Tgt Ion:248 Resp: 148269
Ion Ratio Lower Upper
248 100
250 98.8 81.1 121.7
141 61.7 54.6 81.8

Manual Integrations

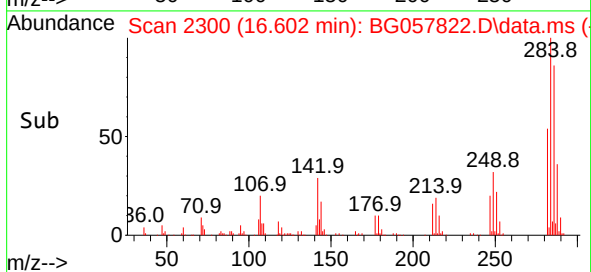
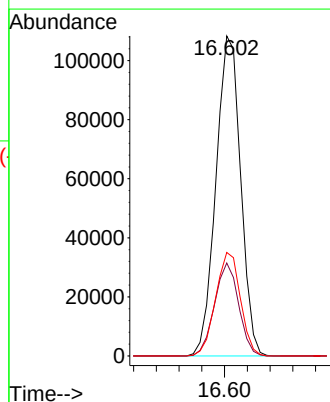
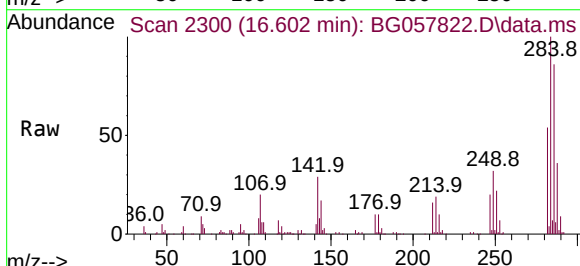
APPROVED

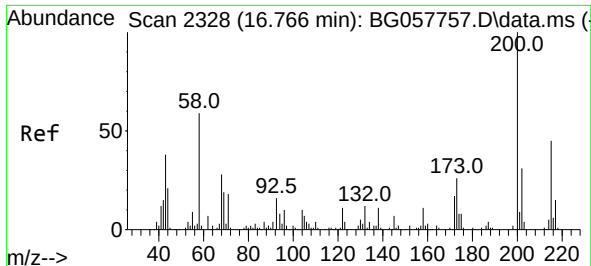
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#68
Hexachlorobenzene
Concen: 50.985 ng
RT: 16.602 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:284 Resp: 163185
Ion Ratio Lower Upper
284 100
142 29.0 24.2 36.4
249 32.3 25.9 38.9





#69
 Atrazine
 Concen: 34.854 ng
 RT: 16.755 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057822.D
 Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

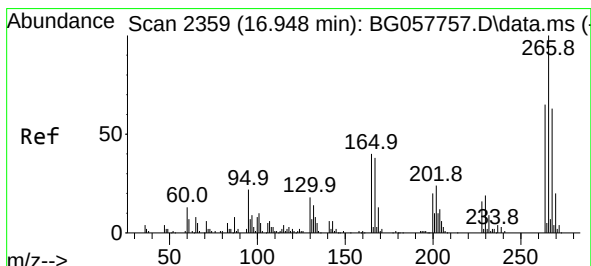
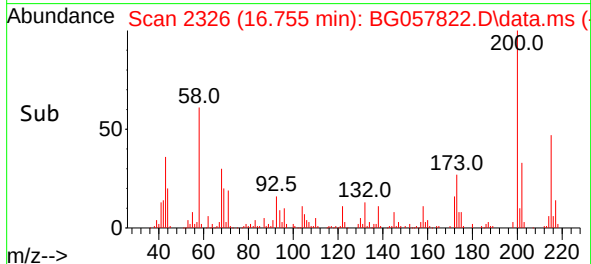
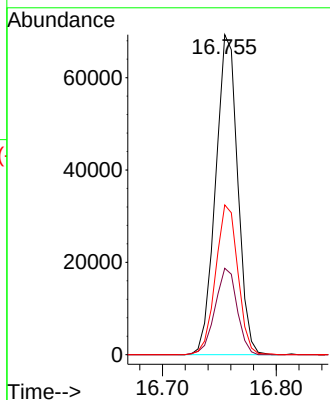
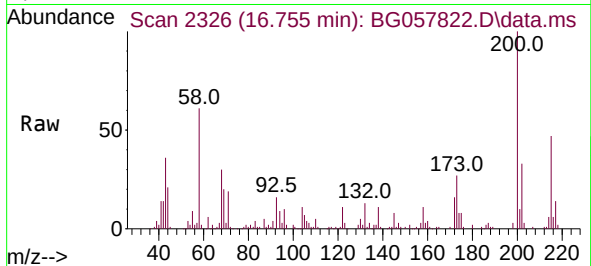
WC-19MSD

Tgt Ion:200 Resp: 93484
 Ion Ratio Lower Upper
 200 100
 173 27.0 5.6 45.6
 215 46.8 24.6 64.6

Manual Integrations

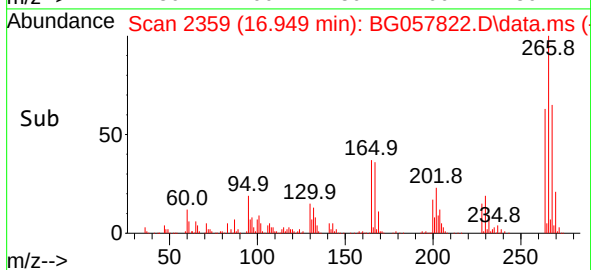
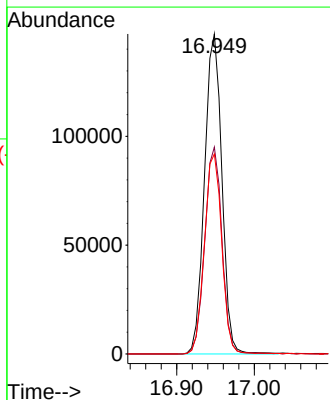
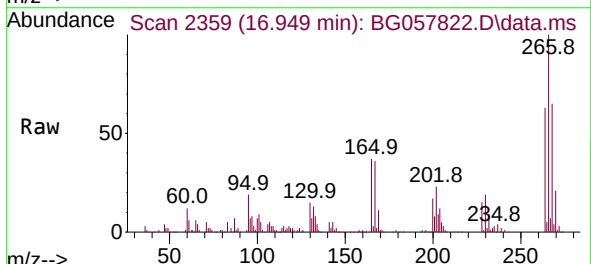
APPROVED

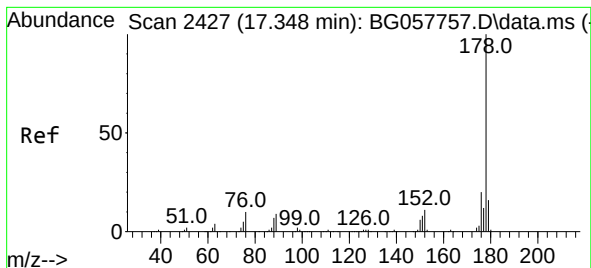
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#70
 Pentachlorophenol
 Concen: 96.528 ng
 RT: 16.949 min Scan# 2359
 Delta R.T. 0.001 min
 Lab File: BG057822.D
 Acq: 23 Jun 2023 00:27

Tgt Ion:266 Resp: 228245
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.5 75.7
 264 62.5 51.8 77.6





#71

Phenanthrene

Concen: 47.162 ng

RT: 17.342 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:178 Resp: 676010

Ion Ratio Lower Upper

178 100

176 20.5 16.3 24.5

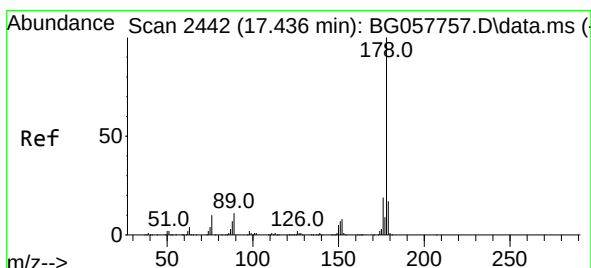
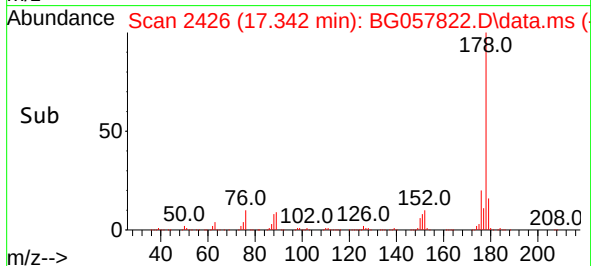
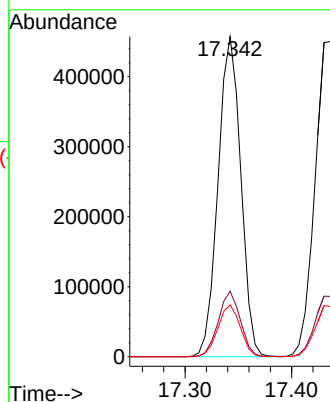
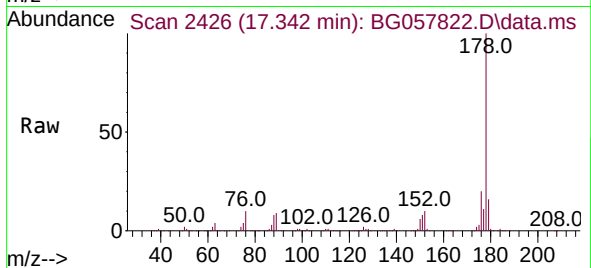
179 16.2 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#72

Anthracene

Concen: 46.788 ng

RT: 17.436 min Scan# 2442

Delta R.T. 0.001 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

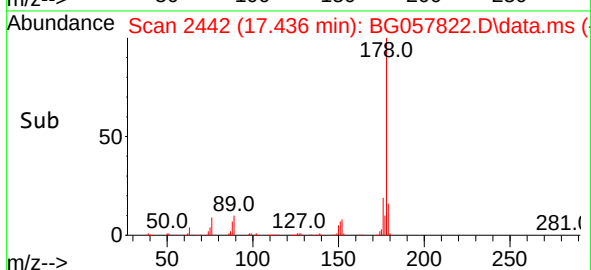
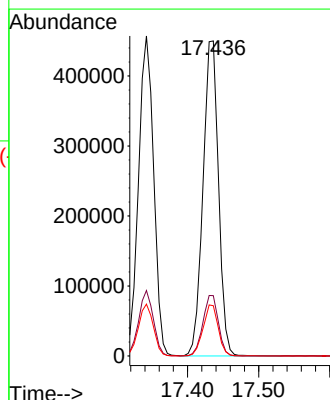
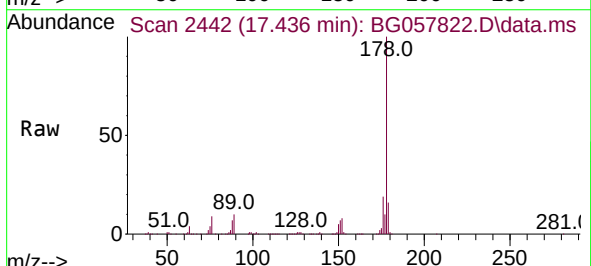
Tgt Ion:178 Resp: 684826

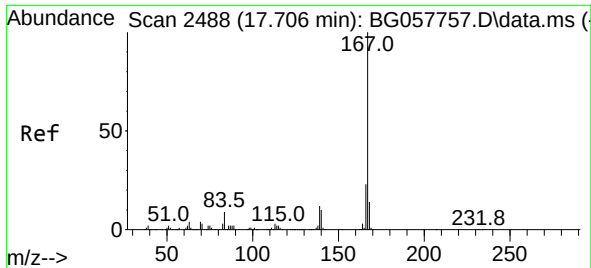
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.9 13.3 19.9





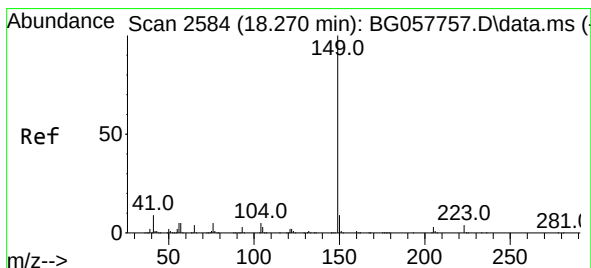
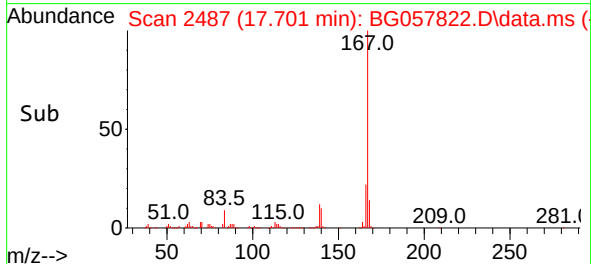
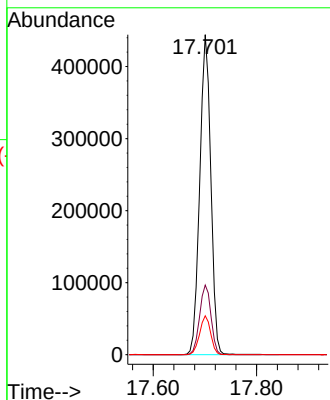
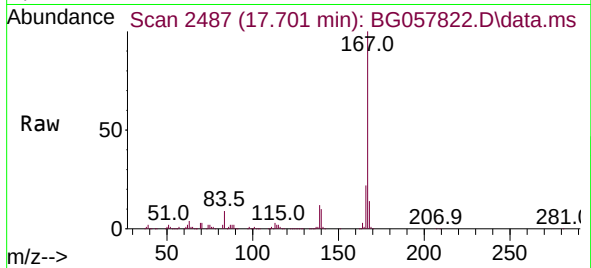
#73
 Carbazole
 Concen: 48.774 ng
 RT: 17.701 min Scan# 2487
 Delta R.T. -0.005 min
 Lab File: BG057822.D
 Acq: 23 Jun 2023 00:27

Instrument :
 BNA_G
 ClientSampleId :
 WC-19MSD

Tgt Ion:167 Resp: 65823
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.4 27.6
 139 12.1 9.9 14.9

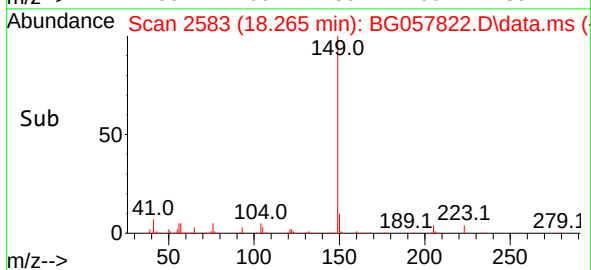
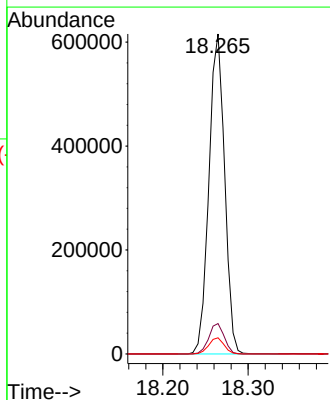
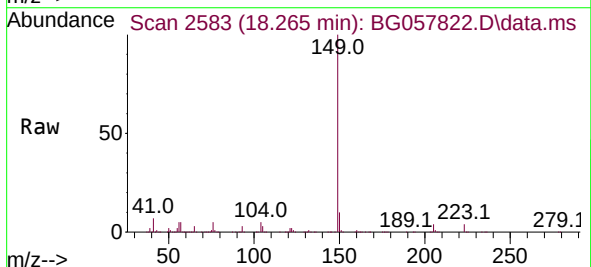
Manual Integrations
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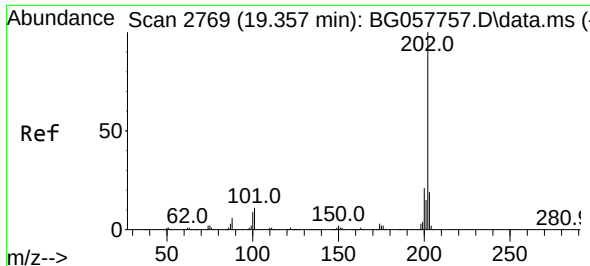
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#74
 Di-n-butylphthalate
 Concen: 49.256 ng
 RT: 18.265 min Scan# 2583
 Delta R.T. -0.005 min
 Lab File: BG057822.D
 Acq: 23 Jun 2023 00:27

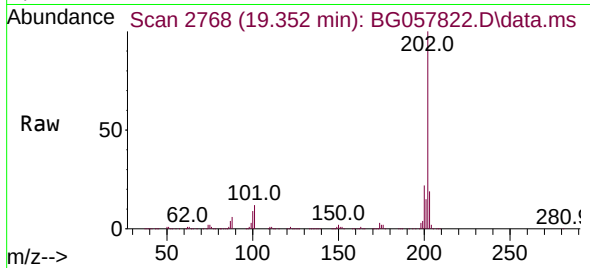
Tgt Ion:149 Resp: 787079
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 47.914 ng
RT: 19.352 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

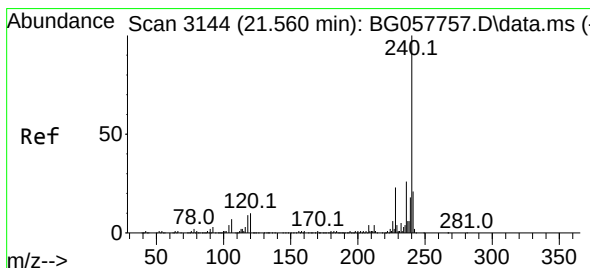
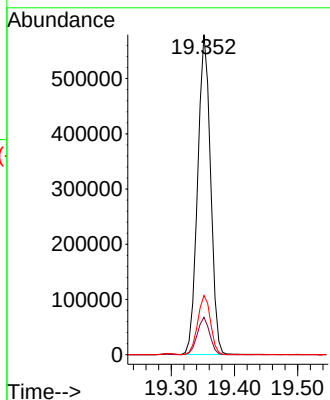
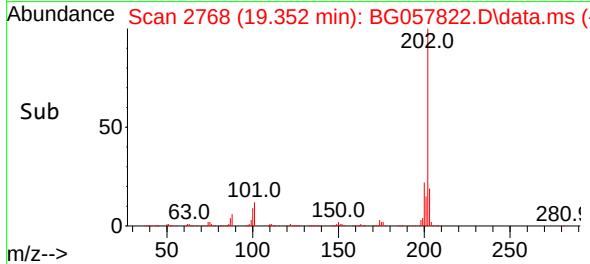
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:202 Resp: 81817
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 18.5 0.0 38.7

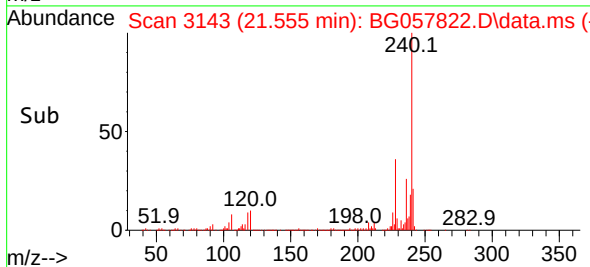
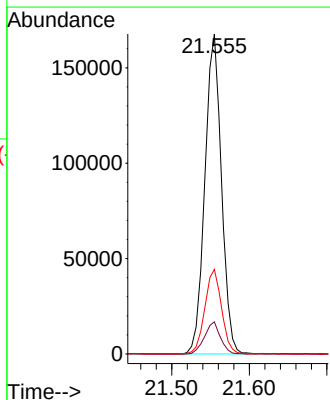
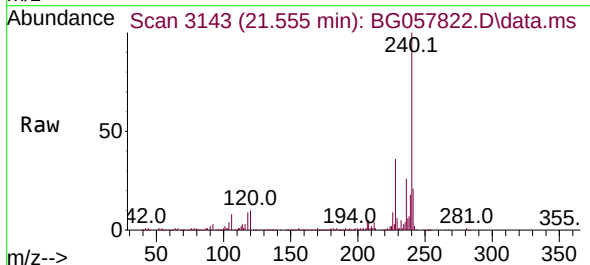
Manual Integrations
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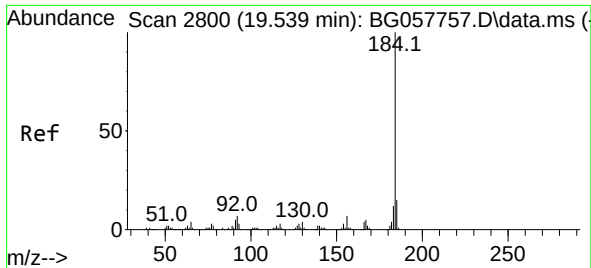
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:240 Resp: 249490
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 26.4 20.6 30.8





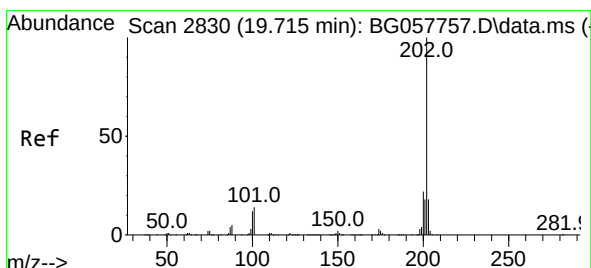
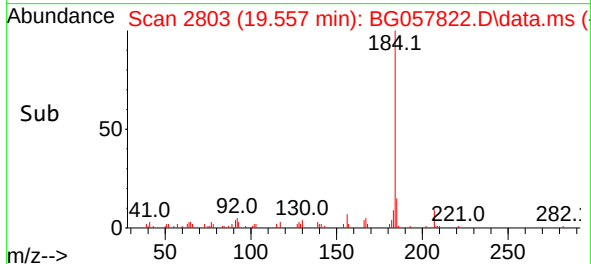
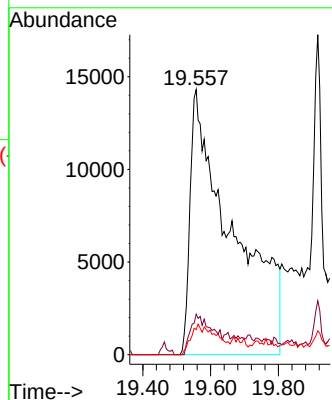
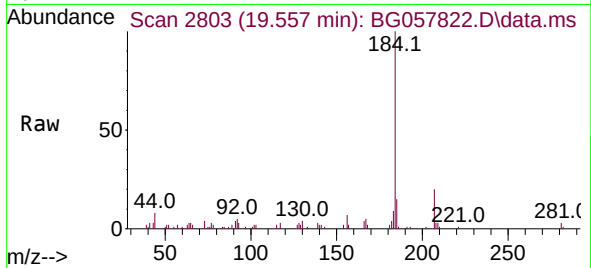
#77
Benzidine
Concen: 20.989 ng m
RT: 19.557 min Scan# 2803
Delta R.T. 0.018 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Instrument :
BNA_G
ClientSampleId :
WC-19MSD

Tgt Ion:184 Resp: 12275
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 9.5 9.4 14.0

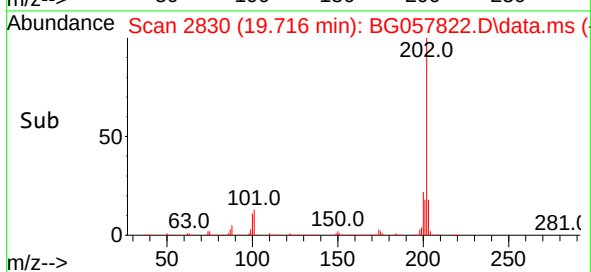
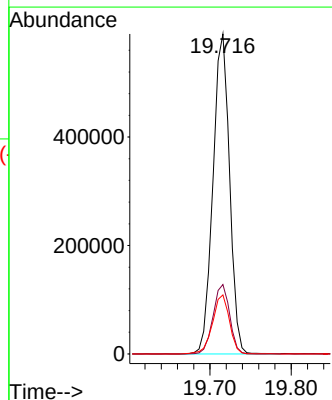
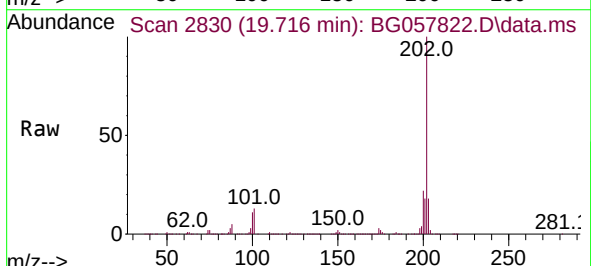
Manual Integrations
APPROVED

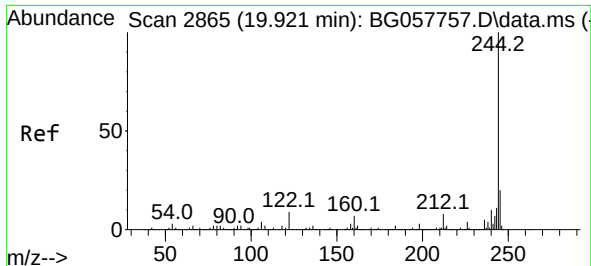
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#78
Pyrene
Concen: 46.987 ng
RT: 19.716 min Scan# 2830
Delta R.T. 0.001 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:202 Resp: 836243
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 18.5 14.6 22.0





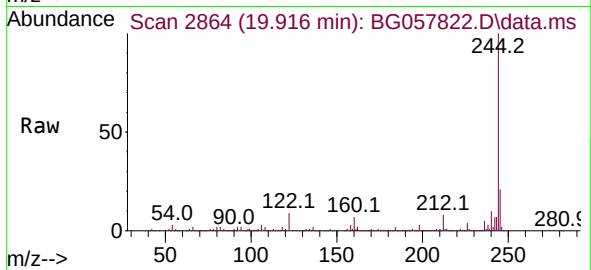
#79
 Terphenyl-d14
 Concen: 96.974 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057822.D
 Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

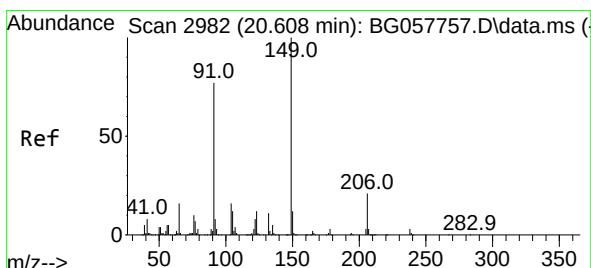
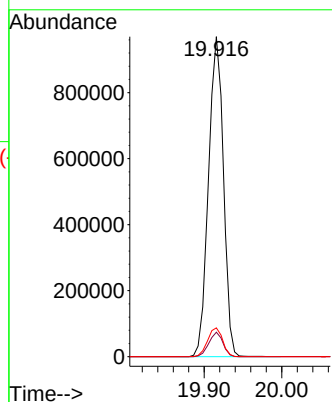
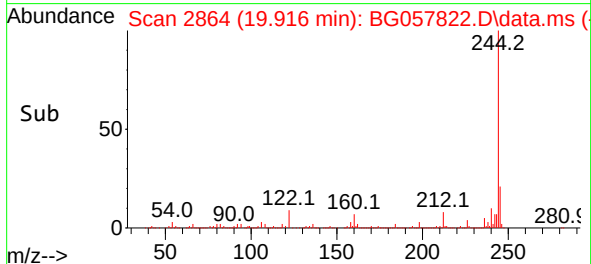


Tgt Ion:244 Resp: 1297494
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.0 7.6 11.4

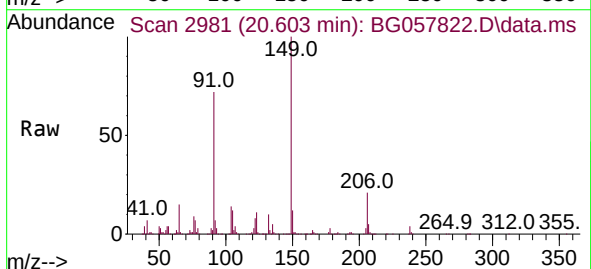
Manual Integrations

APPROVED

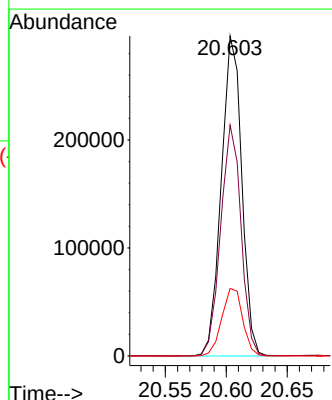
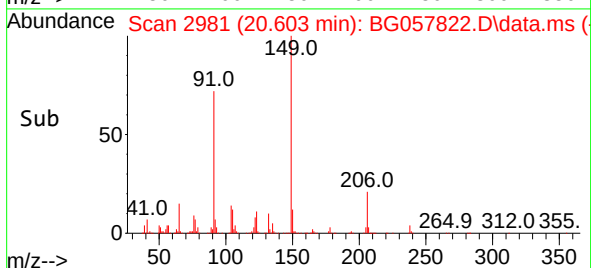
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

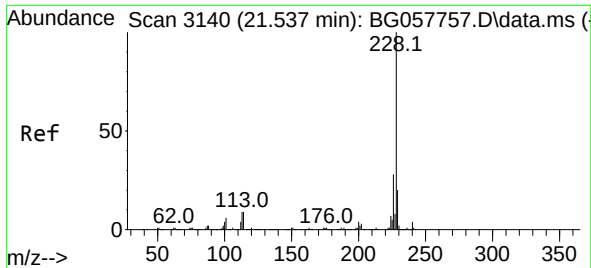


#80
 Butylbenzylphthalate
 Concen: 51.195 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.005 min
 Lab File: BG057822.D
 Acq: 23 Jun 2023 00:27



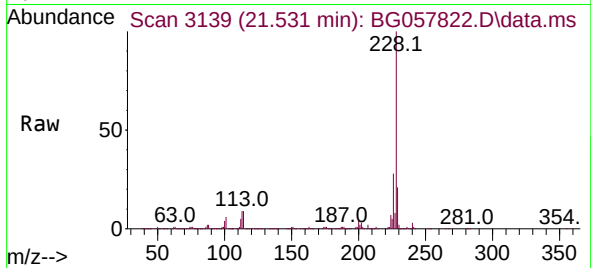
Tgt Ion:149 Resp: 346604
 Ion Ratio Lower Upper
 149 100
 91 72.1 61.7 92.5
 206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 48.902 ng
RT: 21.531 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

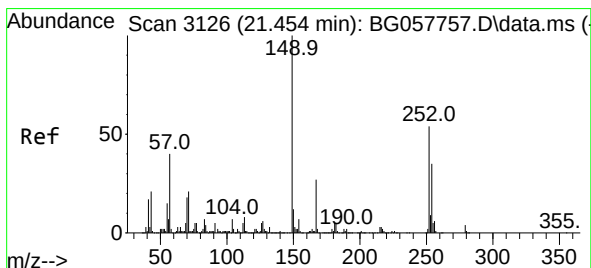
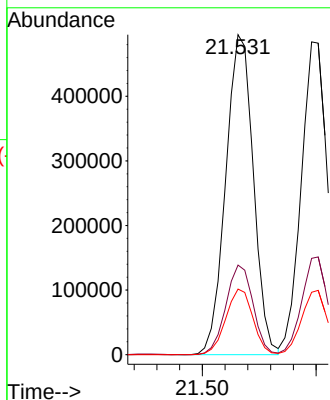
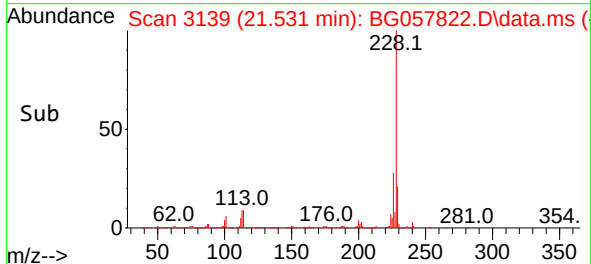
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:228 Resp: 83706
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.5 16.3 24.5

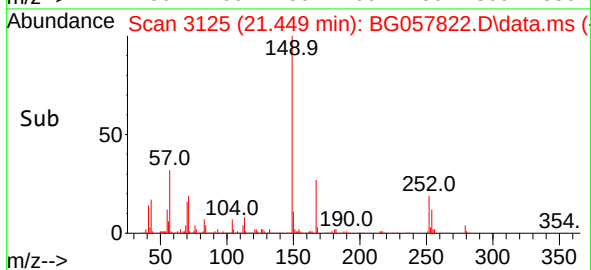
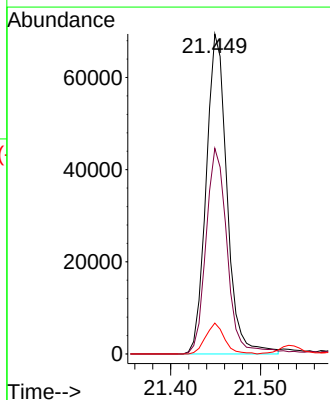
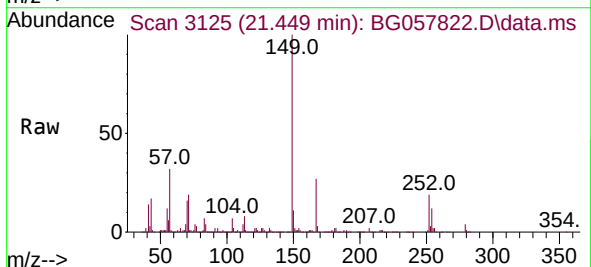
Manual Integrations
APPROVED

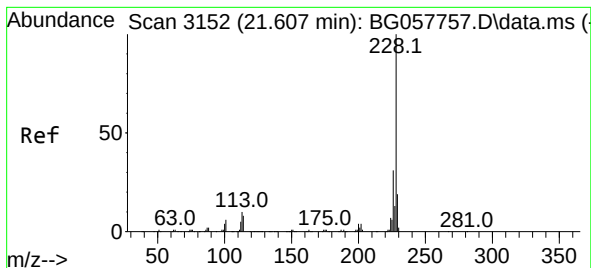
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 19.204 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:252 Resp: 111802
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 9.7 7.0 10.6





#83

Chrysene

Concen: 47.237 ng

RT: 21.596 min Scan# 3150

Delta R.T. -0.011 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:228 Resp: 77598

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

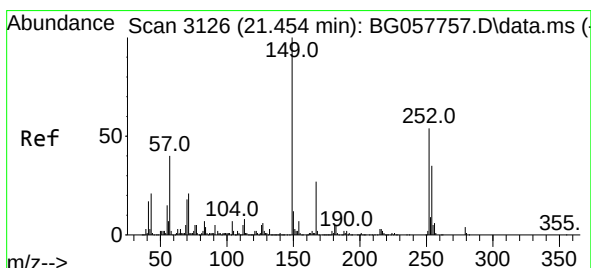
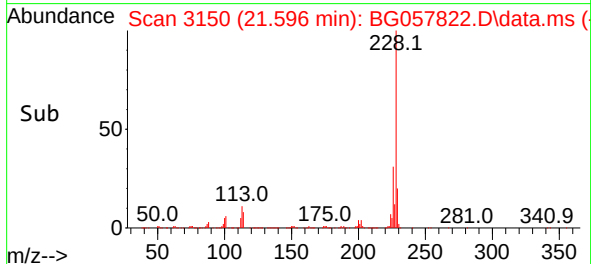
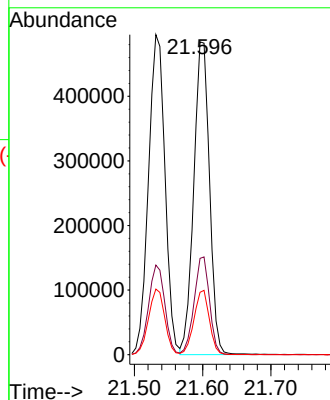
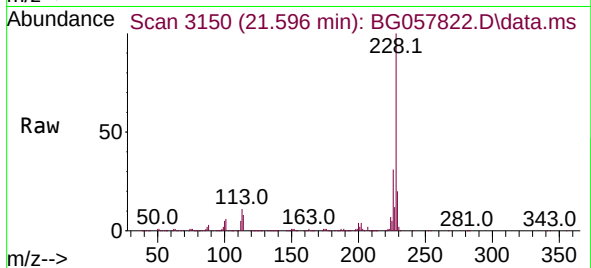
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.578 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

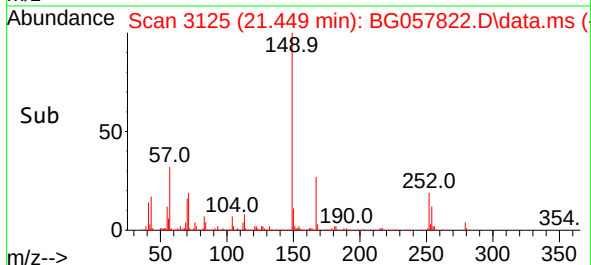
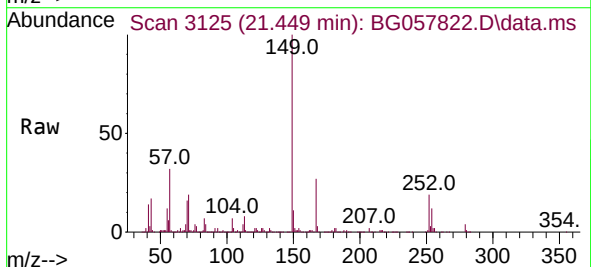
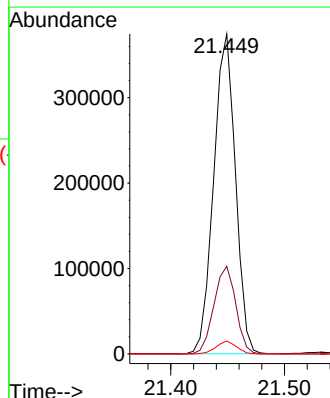
Tgt Ion:149 Resp: 497167

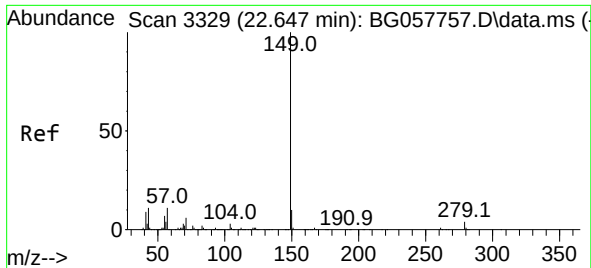
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

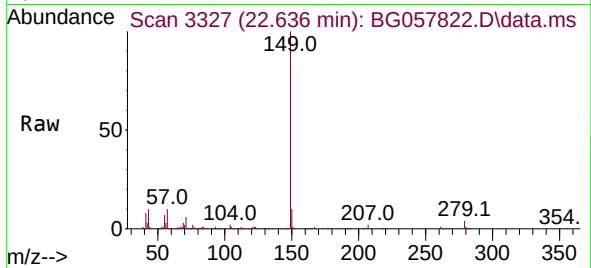
279 4.1 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 51.091 ng
RT: 22.636 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

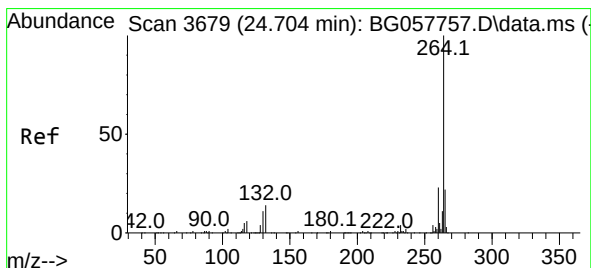
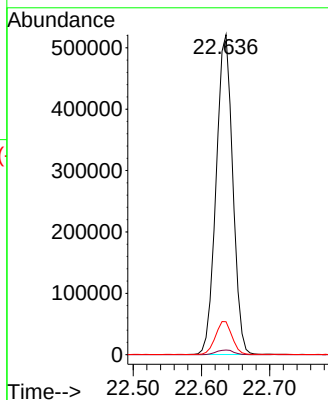
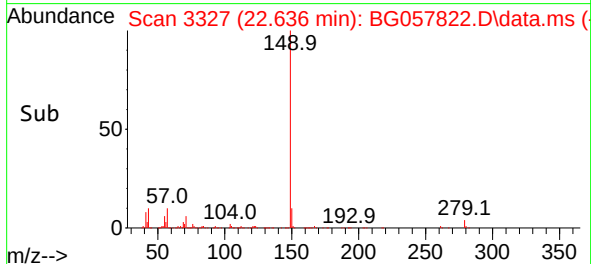
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:149 Resp: 88086
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 9.6 14.4

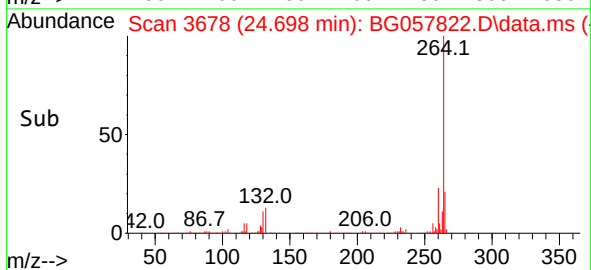
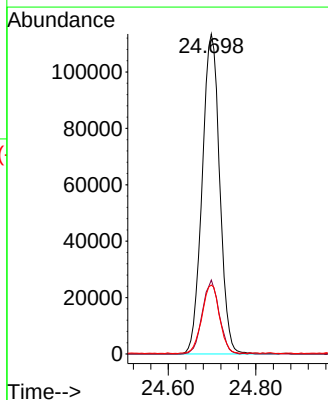
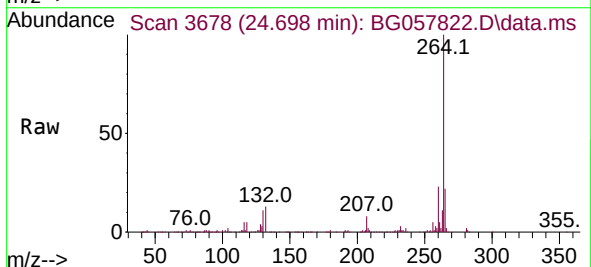
Manual Integrations
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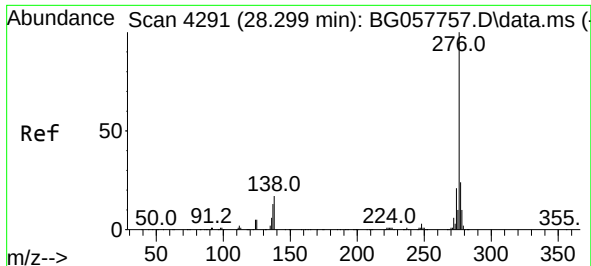
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

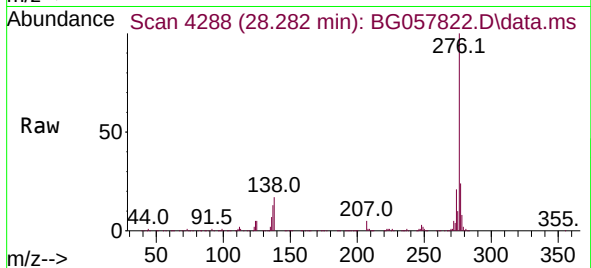
Tgt Ion:264 Resp: 315976
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.297 ng
RT: 28.282 min Scan# 41
Delta R.T. -0.017 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

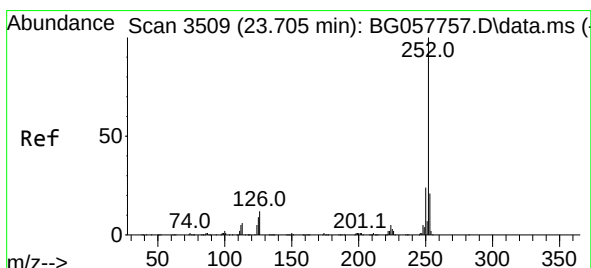
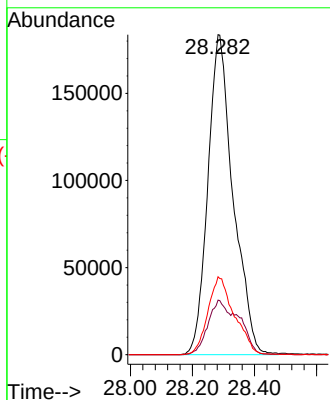
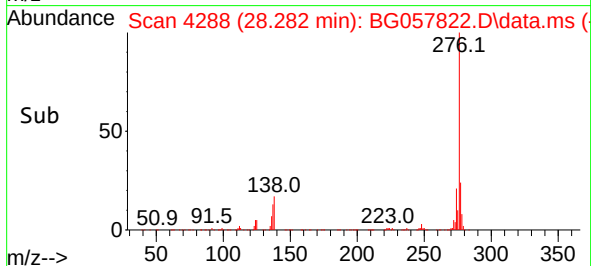
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:276 Resp: 103907
Ion Ratio Lower Upper
276 100
138 13.7 11.3 16.9
277 25.5 20.4 30.6

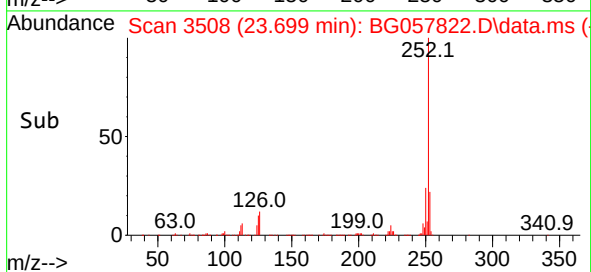
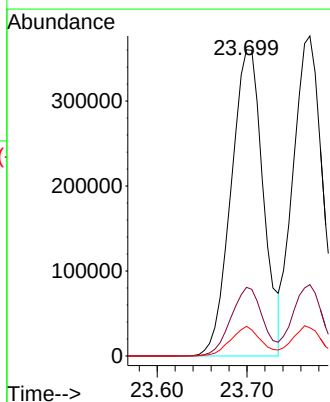
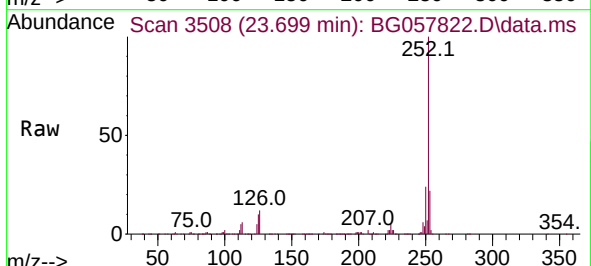
Manual Integrations
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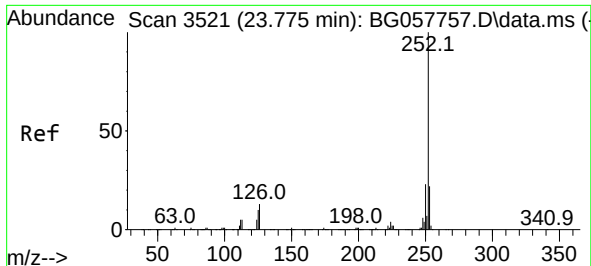
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#88
Benzo(b)fluoranthene
Concen: 51.909 ng
RT: 23.699 min Scan# 3508
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

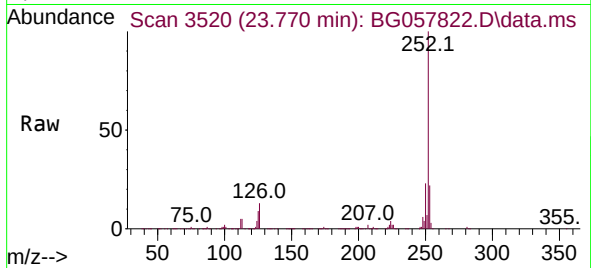
Tgt Ion:252 Resp: 898813
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 9.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 48.597 ng
RT: 23.770 min Scan# 3521
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

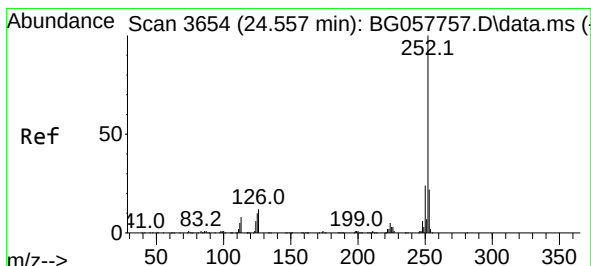
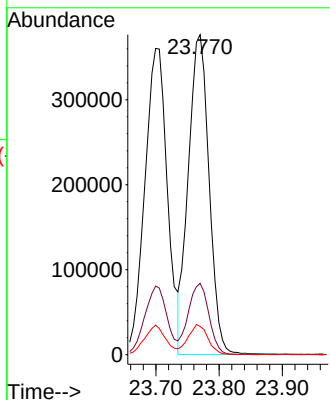
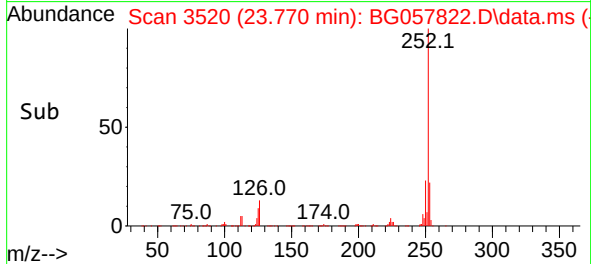
Instrument :
BNA_G
ClientSampleId :
WC-19MSD



Tgt Ion:252 Resp: 857000
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 8.8 7.6 11.4

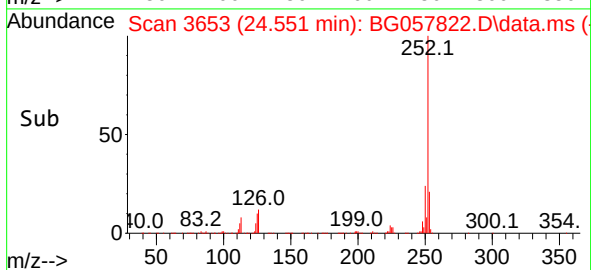
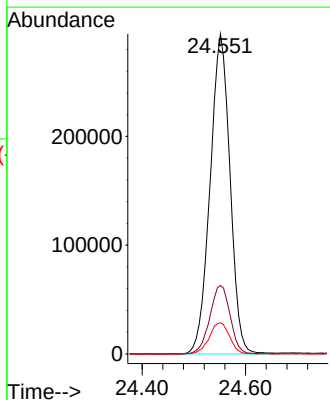
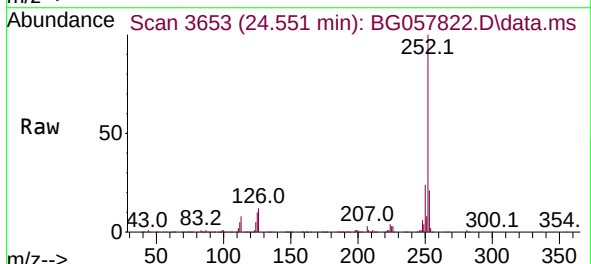
Manual Integrations
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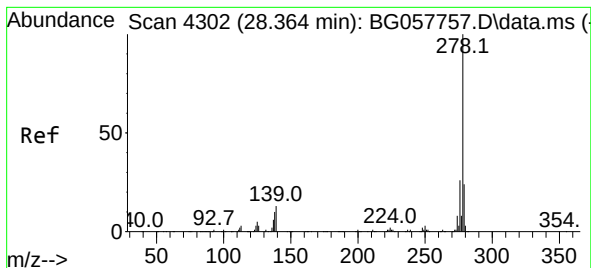
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 46.231 ng
RT: 24.551 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BG057822.D
Acq: 23 Jun 2023 00:27

Tgt Ion:252 Resp: 786169
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.8 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 50.537 ng

RT: 28.353 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Instrument :

BNA_G

ClientSampleId :

WC-19MSD

Tgt Ion:278 Resp: 86625

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

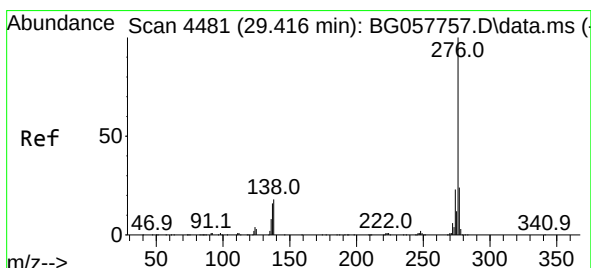
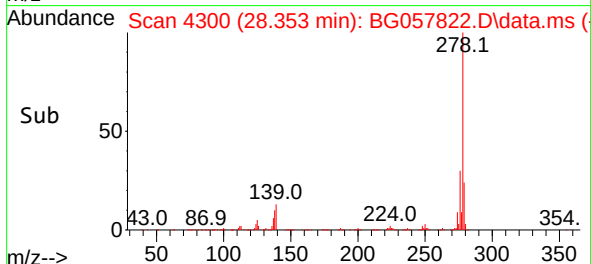
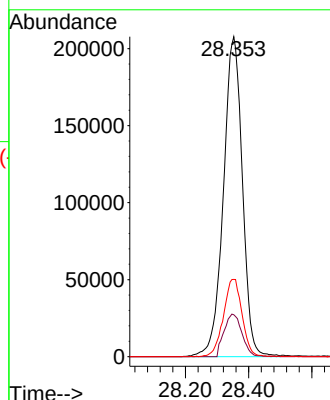
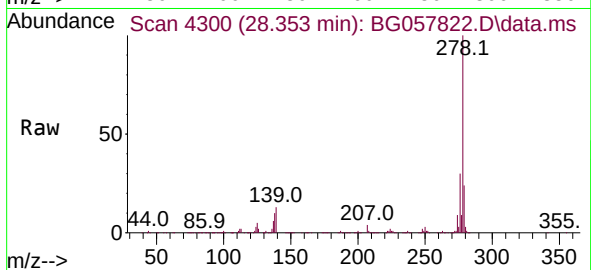
279 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#92

Benzo(g,h,i)perylene

Concen: 49.410 ng

RT: 29.410 min Scan# 4480

Delta R.T. -0.005 min

Lab File: BG057822.D

Acq: 23 Jun 2023 00:27

Tgt Ion:276 Resp: 848034

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 18.3 14.2 21.4

