

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057764.D
 Acq On : 19 Jun 2023 21:05
 Operator : CG/JU
 Sample : PB153461BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 04:03:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	34452	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	151203	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	112139	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	280351	20.000	ng	0.00
76) Chrysene-d12	21.560	240	235266	20.000	ng	0.00
86) Perylene-d12	24.703	264	286691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	294049	131.602	ng	0.00
7) Phenol-d6	7.089	99	423104	124.102	ng	0.00
23) Nitrobenzene-d5	9.086	82	233977	79.420	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	193182	123.669	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	574941	77.764	ng	0.00
79) Terphenyl-d14	19.921	244	1039753	82.409	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	35386	34.791	ng	99
3) Pyridine	3.793	79	90211	29.121	ng	96
4) n-Nitrosodimethylamine	3.710	42	52059	36.779	ng	98
6) Aniline	7.253	93	145248	33.273	ng	99
8) 2-Chlorophenol	7.488	128	101906	44.333	ng	97
9) Benzaldehyde	7.065	77	59889	27.937	ng	96
10) Phenol	7.112	94	151775	45.214	ng	97
11) bis(2-Chloroethyl)ether	7.347	93	99894	38.705	ng	99
12) 1,3-Dichlorobenzene	7.817	146	95638	40.884	ng	95
13) 1,4-Dichlorobenzene	7.964	146	97296	41.048	ng	98
14) 1,2-Dichlorobenzene	8.281	146	96355	42.012	ng	96
15) Benzyl Alcohol	8.164	79	105529	40.481	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	190146	38.352	ng	99
17) 2-Methylphenol	8.364	107	103843	42.060	ng	94
18) Hexachloroethane	9.010	117	33046	39.539	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	89234	37.542	ng	98
20) 3+4-Methylphenols	8.693	107	144022	42.230	ng	96
22) Acetophenone	8.751	105	171571	40.464	ng	# 98
24) Nitrobenzene	9.127	77	123718	40.349	ng	97
25) Isophorone	9.650	82	262940	39.065	ng	99
26) 2-Nitrophenol	9.838	139	45955	47.110	ng	96
27) 2,4-Dimethylphenol	9.897	122	110933	45.933	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	149252	41.176	ng	100
29) 2,4-Dichlorophenol	10.373	162	105319	45.922	ng	99
30) 1,2,4-Trichlorobenzene	10.590	180	104193	40.758	ng	99
31) Naphthalene	10.778	128	321892	40.000	ng	99
32) Benzoic acid	10.032	122	82463	46.376	ng	98
33) 4-Chloroaniline	10.884	127	93763	25.146	ng	98
34) Hexachlorobutadiene	11.066	225	61376	39.353	ng	98
35) Caprolactam	11.660	113	43534m	46.778	ng	
36) 4-Chloro-3-methylphenol	12.006	107	138227	46.149	ng	96
37) 2-Methylnaphthalene	12.388	142	232495	39.636	ng	97
38) 1-Methylnaphthalene	12.606	142	219934	39.719	ng	99
40) 1,2,4,5-Tetrachloroben...	12.753	216	122307	39.342	ng	98
41) Hexachlorocyclopentadiene	12.735	237	150671	91.290	ng	100
43) 2,4,6-Trichlorophenol	12.994	196	96693	43.438	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	108448	41.796	ng	96
46) 1,1'-Biphenyl	13.399	154	317440	41.227	ng	97
47) 2-Chloronaphthalene	13.440	162	244782	41.381	ng	98
48) 2-Nitroaniline	13.640	65	94904	45.146	ng	98
49) Acenaphthylene	14.286	152	416049	40.977	ng	99
50) Dimethylphthalate	14.016	163	357811	41.544	ng	100
51) 2,6-Dinitrotoluene	14.133	165	73721	46.481	ng	98
52) Acenaphthene	14.627	154	284365m	45.240	ng	
53) 3-Nitroaniline	14.462	138	57785	32.329	ng	96
54) 2,4-Dinitrophenol	14.668	184	73782	86.913	ng	99
55) Dibenzofuran	14.962	168	410560	40.622	ng	99
56) 4-Nitrophenol	14.768	139	140010	98.566	ng	98
57) 2,4-Dinitrotoluene	14.921	165	104482	48.578	ng	98
58) Fluorene	15.608	166	332196	41.522	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.179	232	100679	45.530	ng	98
60) Diethylphthalate	15.379	149	372005	42.100	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	171378	40.287	ng	99
62) 4-Nitroaniline	15.632	138	79284	43.510	ng	99
63) Azobenzene	15.896	77	374708	41.456	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	53203	42.050	ng	100
66) n-Nitrosodiphenylamine	15.814	169	302391	40.867	ng	97
67) 4-Bromophenyl-phenylether	16.495	248	118376	39.814	ng	96
68) Hexachlorobenzene	16.607	284	127908	42.200	ng	99
69) Atrazine	16.766	200	124948	49.192	ng	97
70) Pentachlorophenol	16.948	266	170125	75.975	ng	98
71) Phenanthrene	17.347	178	561829	41.390	ng	99
72) Anthracene	17.435	178	566112	40.842	ng	100
73) Carbazole	17.706	167	537460	42.054	ng	99
74) Di-n-butylphthalate	18.270	149	641040	42.362	ng	100
75) Fluoranthene	19.357	202	659357	40.774	ng	99
77) Benzidine	19.539	184	309606	56.140	ng	99
78) Pyrene	19.715	202	679424	40.484	ng	99
80) Butylbenzylphthalate	20.608	149	273128	42.782	ng	99
81) Benzo(a)anthracene	21.536	228	667380	41.346	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	183297	33.387	ng	99
83) Chrysene	21.601	228	614155	39.647	ng	99
84) Bis(2-ethylhexyl)phtha...	21.454	149	392653	42.361	ng	100
85) Di-n-octyl phthalate	22.647	149	704295	43.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.293	276	820915	43.796	ng	98
88) Benzo(b)fluoranthene	23.704	252	702067	44.688	ng	97
89) Benzo(k)fluoranthene	23.775	252	678888	42.429	ng	99
90) Benzo(a)pyrene	24.556	252	622701	40.359	ng	97
91) Dibenzo(a,h)anthracene	28.364	278	678399	43.620	ng	99
92) Benzo(g,h,i)perylene	29.421	276	669283	42.979	ng	100

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

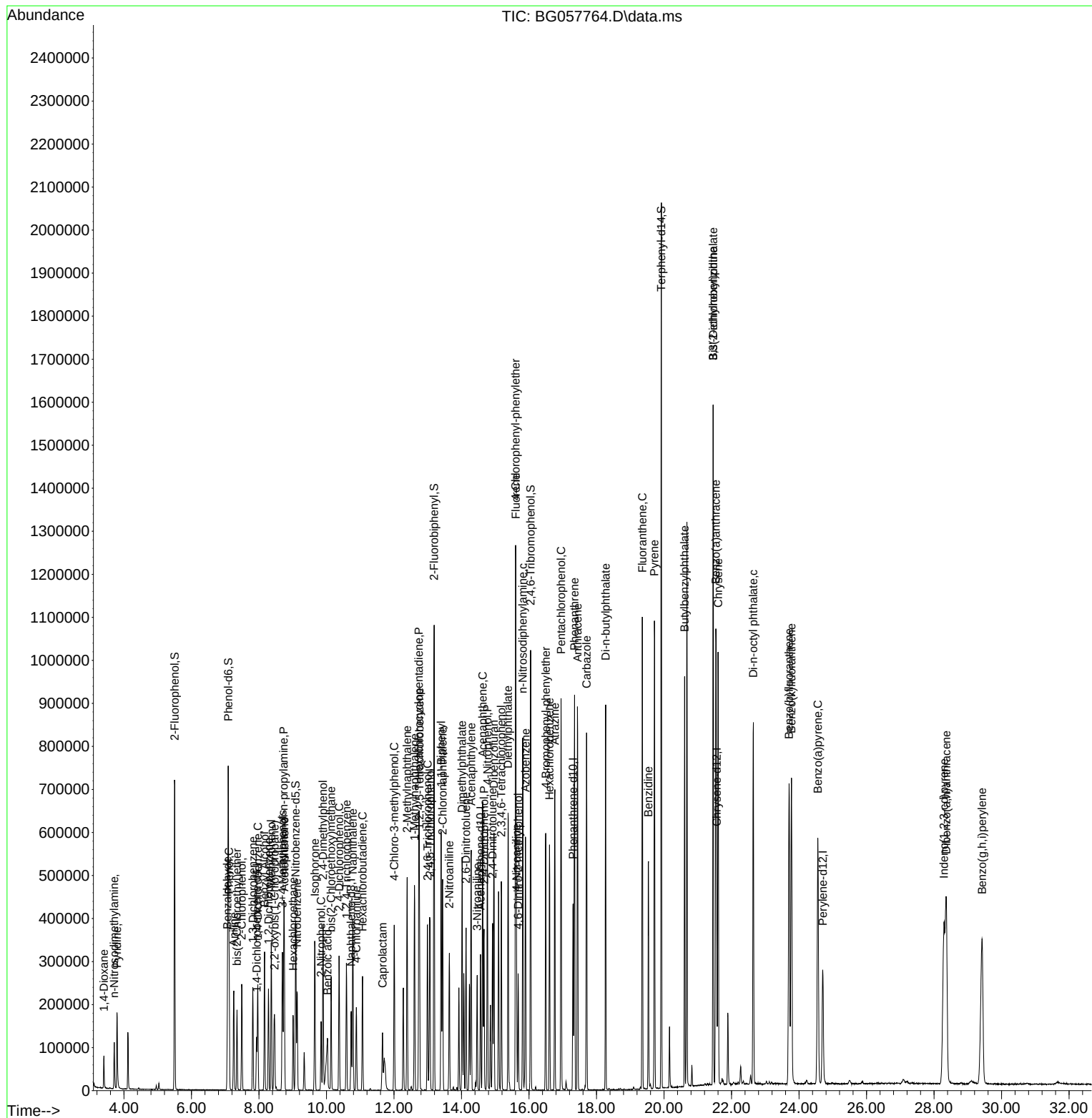
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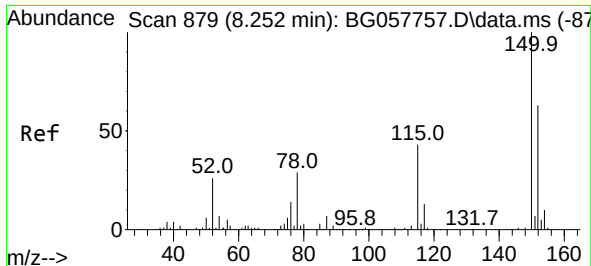
Instrument :
 BNA_G
 ClientSampleId :
 PB153461BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

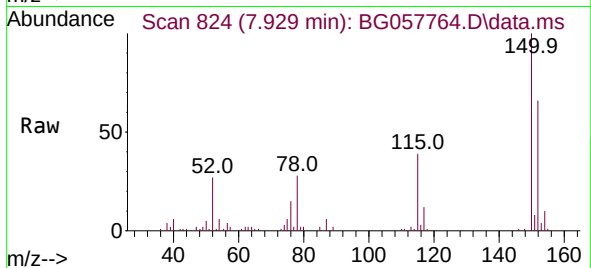
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

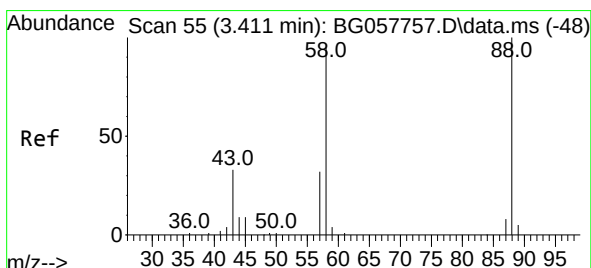
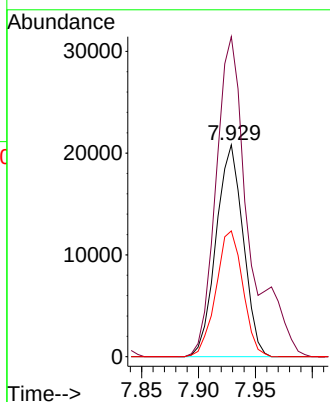
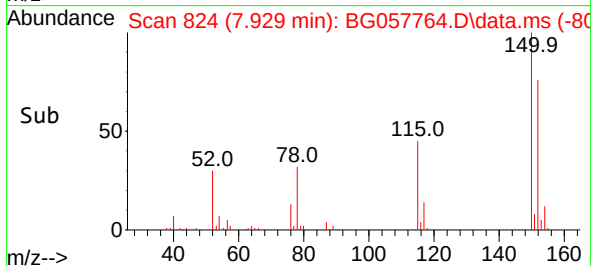
Instrument :
BNA_G
ClientSampleId :
PB153461BS



Tgt Ion:152 Resp: 3445
Ion Ratio Lower Upper
152 100
150 151.0 126.6 189.8
115 59.4 48.9 73.3

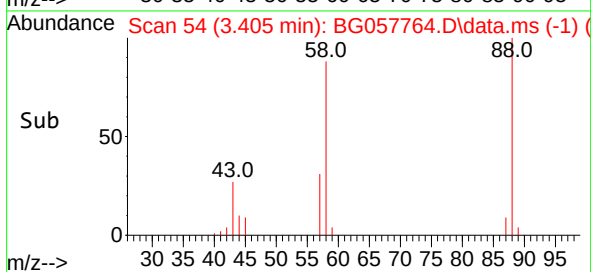
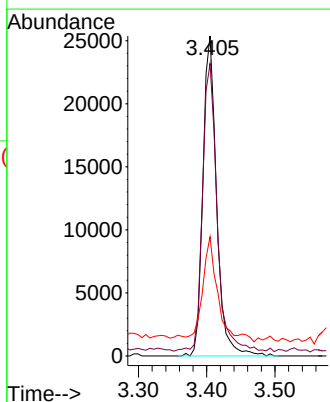
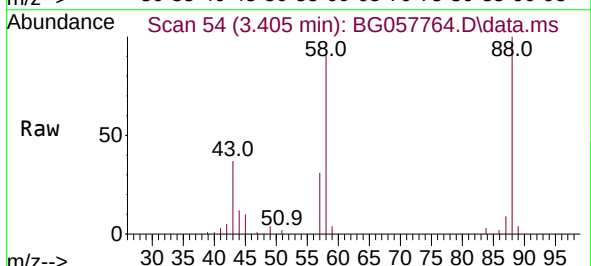
Manual Integrations
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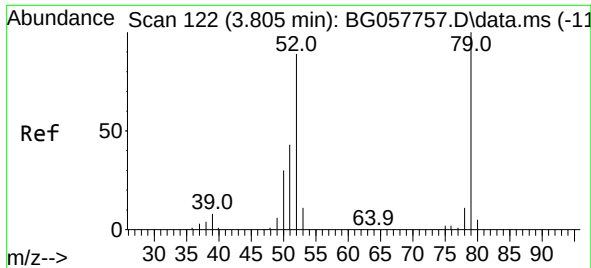
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 34.791 ng
RT: 3.405 min Scan# 54
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion: 88 Resp: 35386
Ion Ratio Lower Upper
88 100
58 95.0 76.2 114.4
43 30.6 26.3 39.5





#3
Pyridine
Concen: 29.121 ng
RT: 3.793 min Scan# 110
Delta R.T. -0.012 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

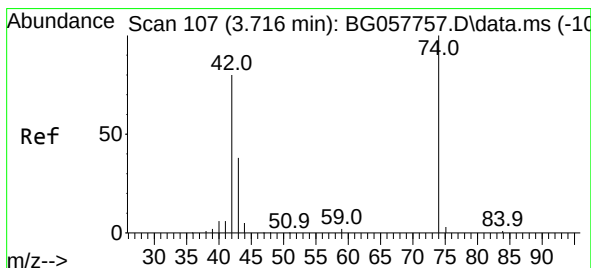
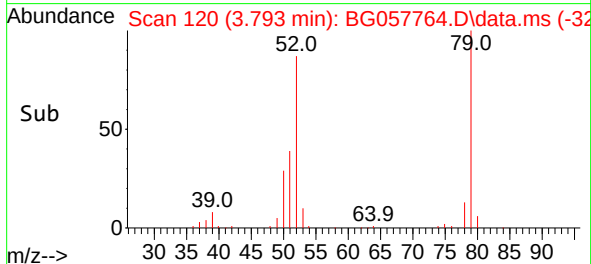
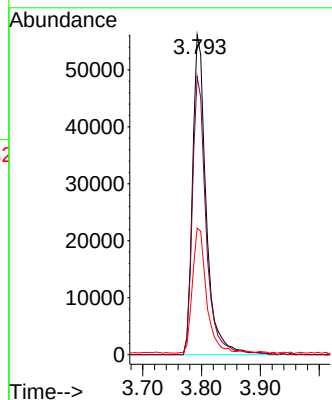
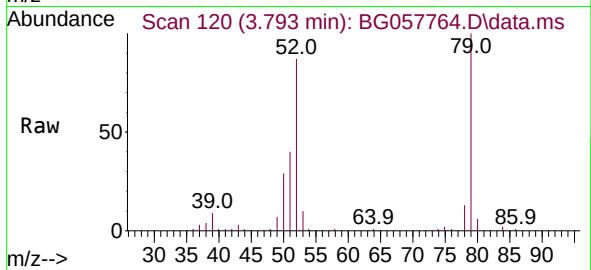
PB153461BS

Tgt Ion: 79 Resp: 9021
Ion Ratio Lower Upper
79 100
52 86.9 71.4 107.0
51 39.6 34.9 52.3

Manual Integrations

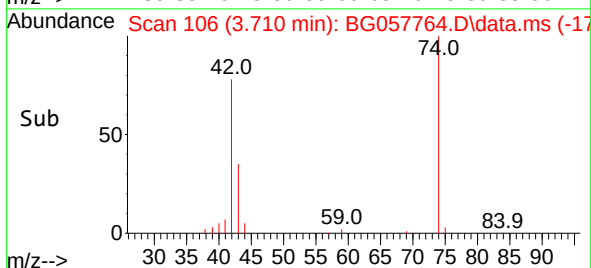
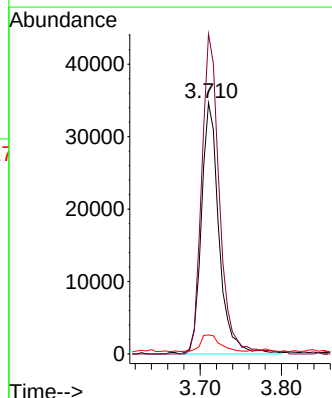
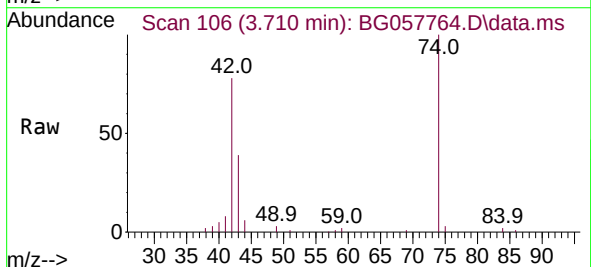
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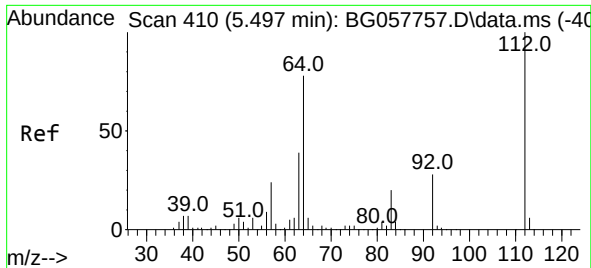
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 36.779 ng
RT: 3.710 min Scan# 106
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion: 42 Resp: 52059
Ion Ratio Lower Upper
42 100
74 127.4 99.9 149.9
44 7.6 6.0 9.0





#5
2-Fluorophenol
Concen: 131.602 ng
RT: 5.502 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

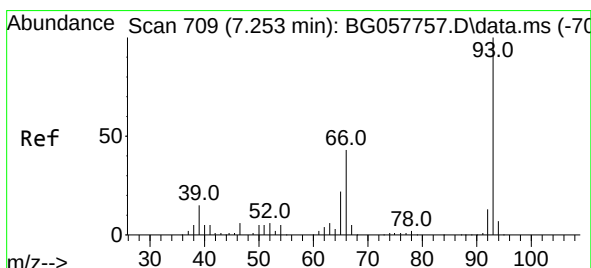
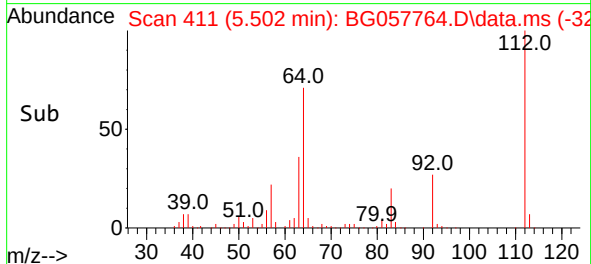
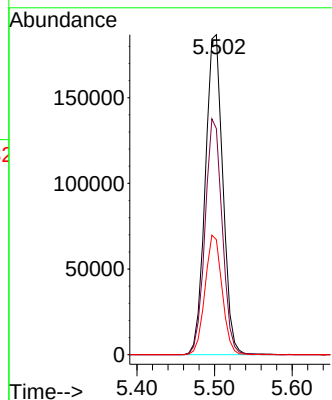
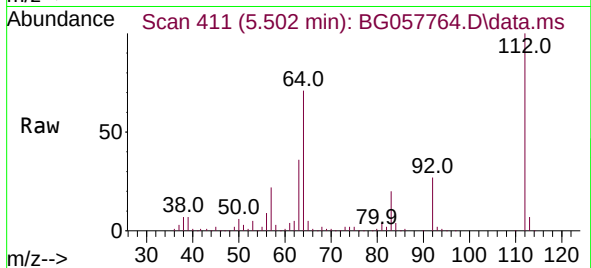
PB153461BS

Tgt Ion:112 Resp: 294049
Ion Ratio Lower Upper
112 100
64 70.7 62.1 93.1
63 35.9 31.5 47.3

Manual Integrations

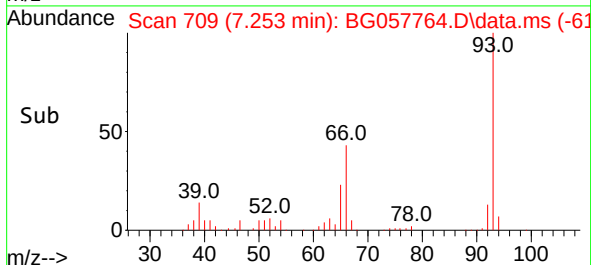
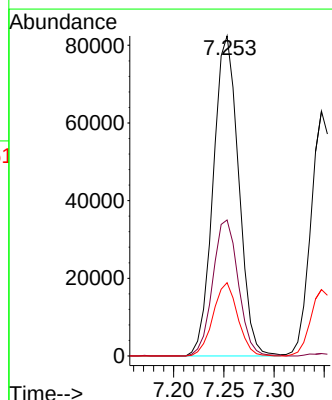
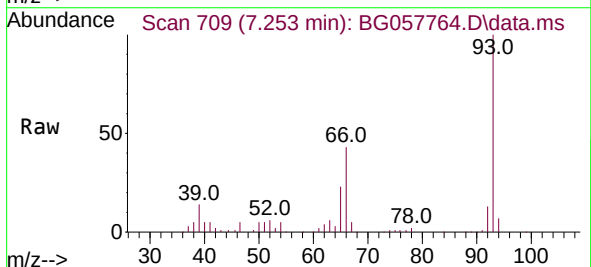
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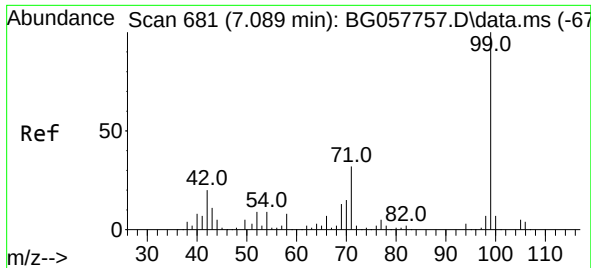
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 33.273 ng
RT: 7.253 min Scan# 709
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion: 93 Resp: 145248
Ion Ratio Lower Upper
93 100
66 42.5 34.5 51.7
65 22.9 17.4 26.2





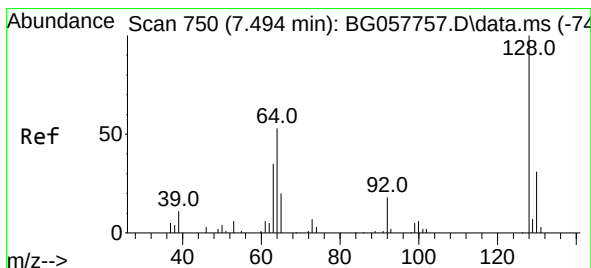
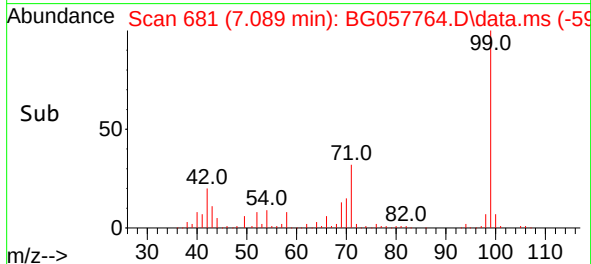
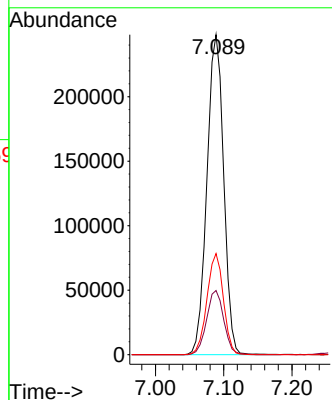
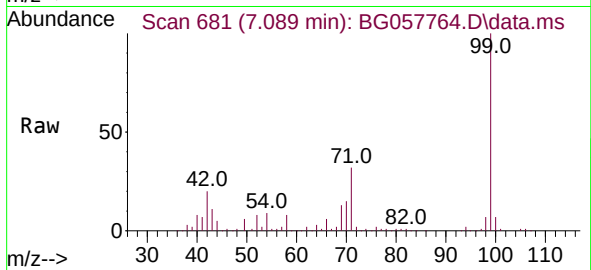
#7
Phenol-d6
Concen: 124.102 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :
BNA_G
ClientSampleId :
PB153461BS

Tgt Ion: 99 Resp: 423104
Ion Ratio Lower Upper
99 100
42 20.1 16.4 24.6
71 31.6 25.8 38.6

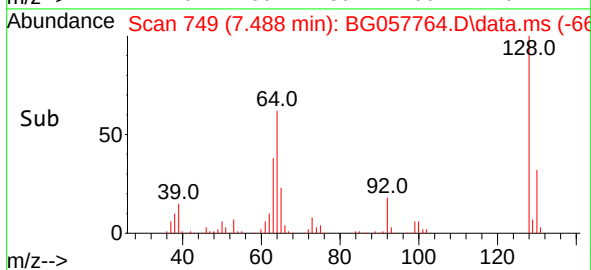
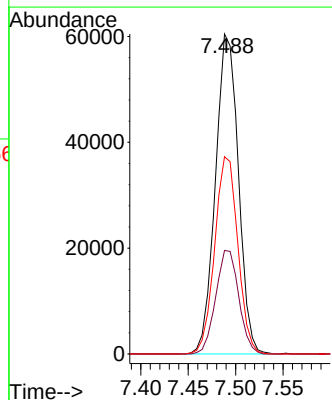
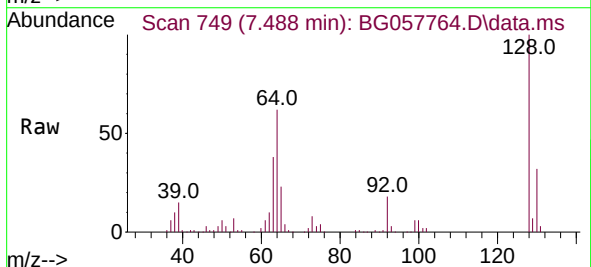
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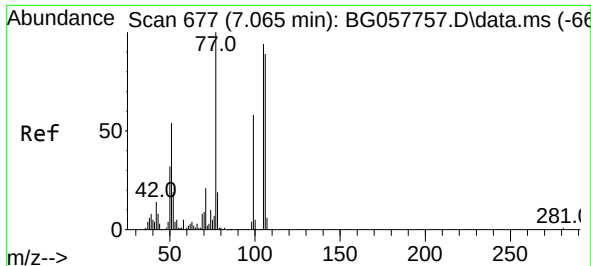
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 44.333 ng
RT: 7.488 min Scan# 749
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:128 Resp: 101906
Ion Ratio Lower Upper
128 100
130 32.3 10.6 50.6
64 61.7 39.1 79.1





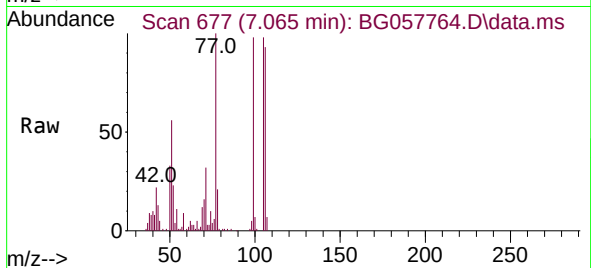
#9
Benzaldehyde
Concen: 27.937 ng
RT: 7.065 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

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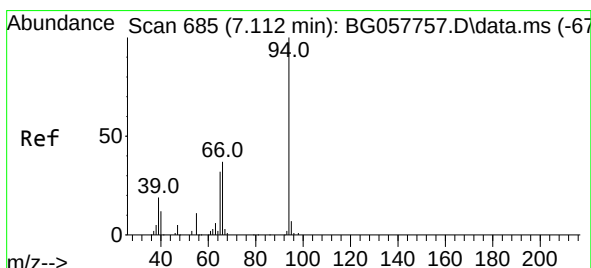
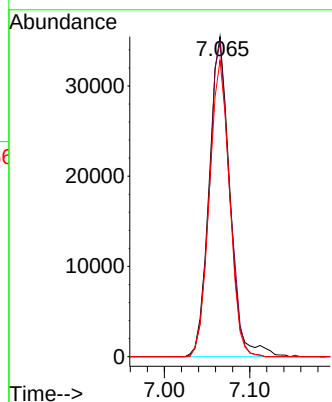
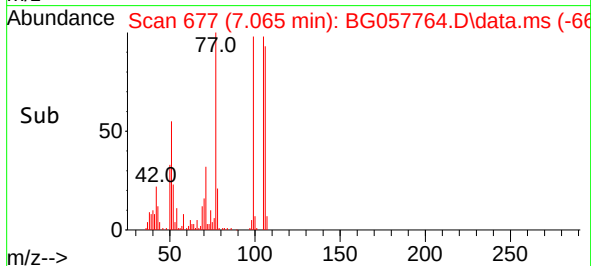
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Ion Ratio Lower Upper
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105 98.1 73.7 113.7
106 92.6 69.0 109.0

Manual Integrations

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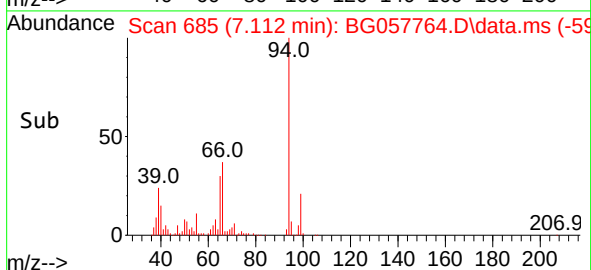
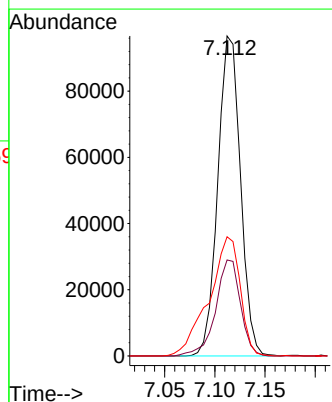
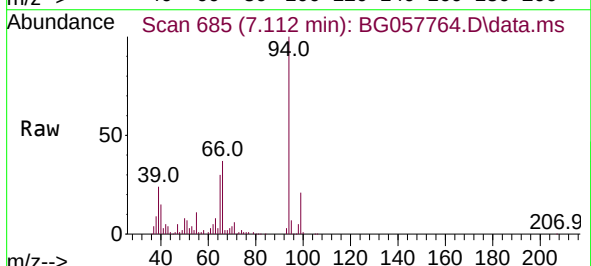
Reviewed By :Yogesh Patel 06/20/2023

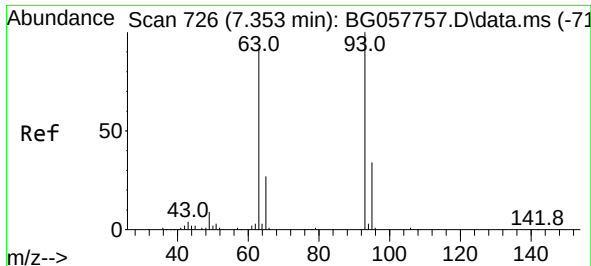
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 45.214 ng
RT: 7.112 min Scan# 685
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion: 94 Resp: 151775
Ion Ratio Lower Upper
94 100
65 30.0 12.2 52.2
66 37.2 18.3 58.3





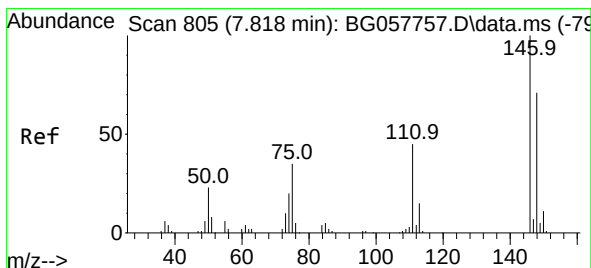
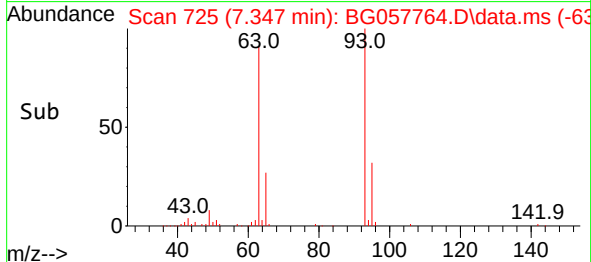
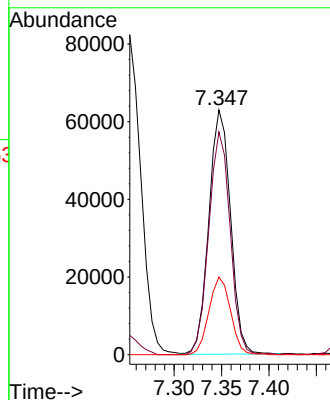
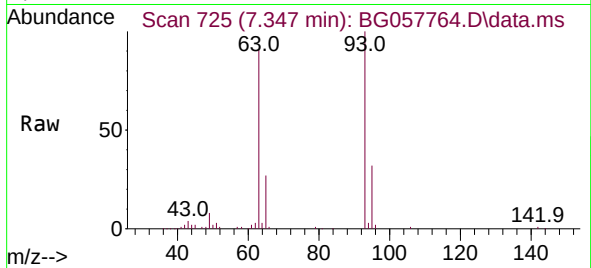
#11
bis(2-Chloroethyl)ether
Concen: 38.705 ng
RT: 7.347 min Scan# 725
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :
BNA_G
ClientSampleId :
PB153461BS

Tgt Ion: 93 Resp: 99894
Ion Ratio Lower Upper
93 100
63 91.1 71.2 111.2
95 31.7 14.2 54.2

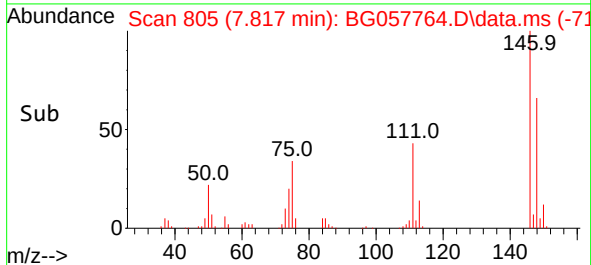
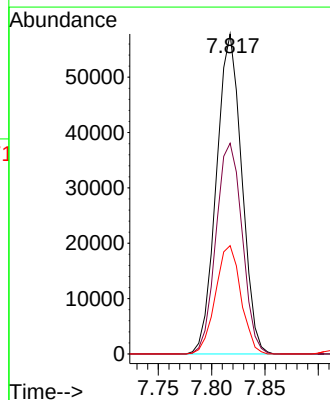
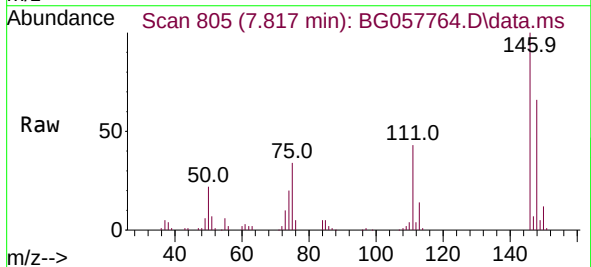
Manual Integrations
APPROVED

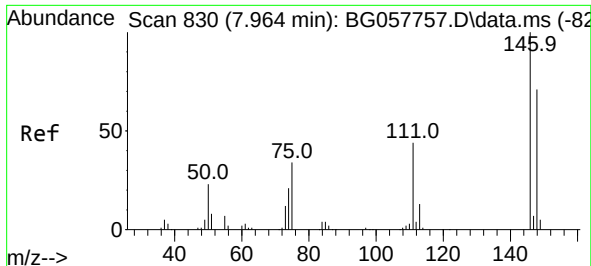
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 40.884 ng
RT: 7.817 min Scan# 805
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

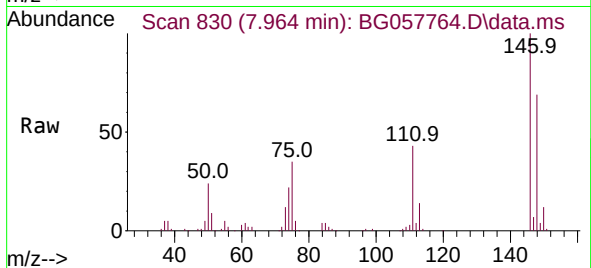
Tgt Ion:146 Resp: 95638
Ion Ratio Lower Upper
146 100
148 65.9 57.0 85.6
75 33.8 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 41.048 ng
RT: 7.964 min Scan# 811
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

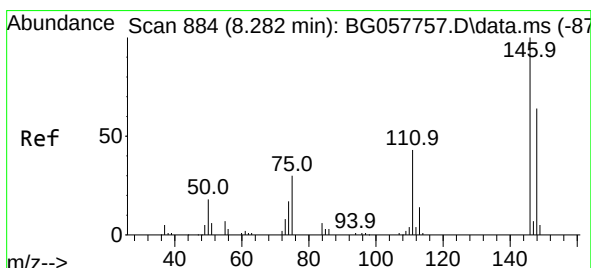
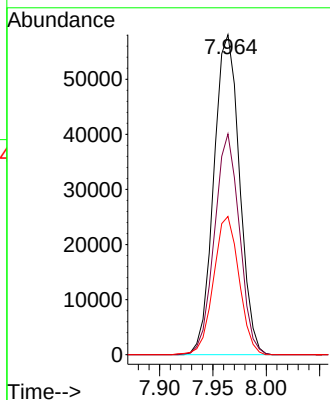
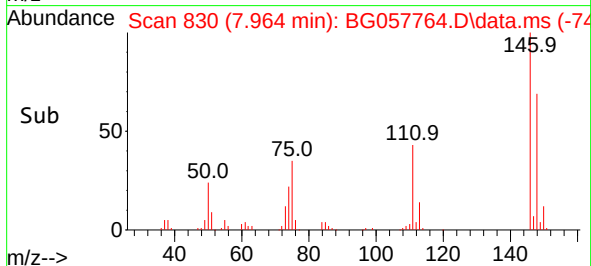
Instrument :
BNA_G
ClientSampleId :
PB153461BS



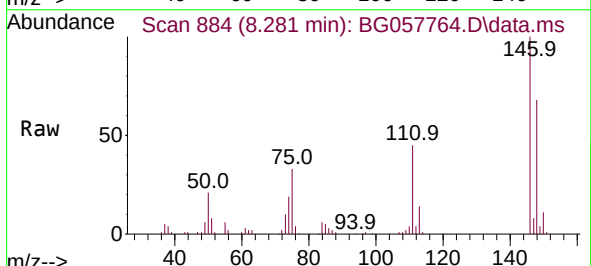
Tgt Ion:146 Resp: 97290
Ion Ratio Lower Upper
146 100
148 69.0 57.0 85.4
111 43.2 35.1 52.7

Manual Integrations
APPROVED

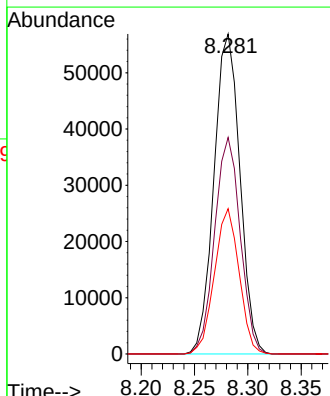
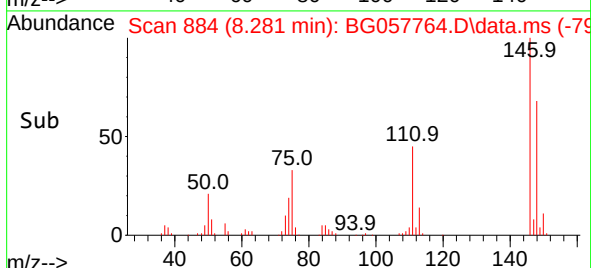
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

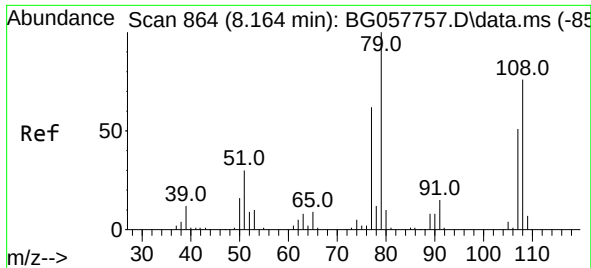


#14
1,2-Dichlorobenzene
Concen: 42.012 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:146 Resp: 96355
Ion Ratio Lower Upper
146 100
148 67.7 51.0 76.6
111 45.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 40.481 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

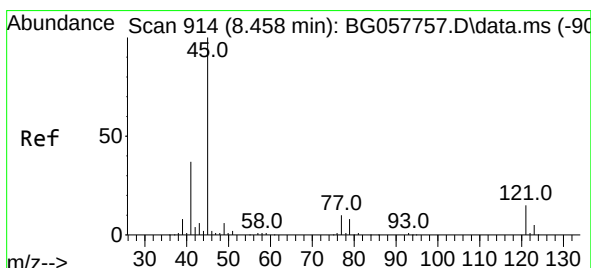
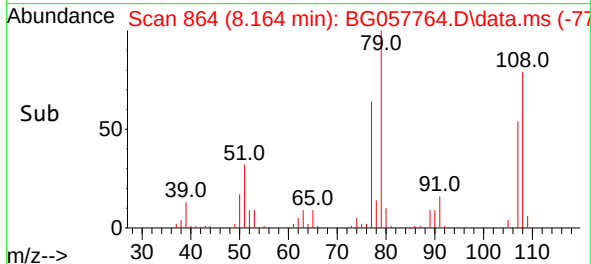
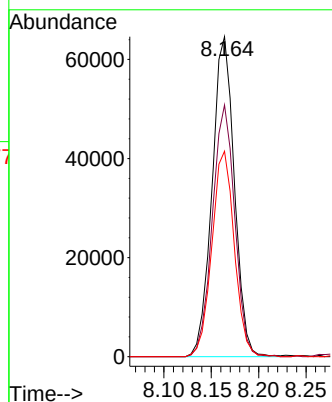
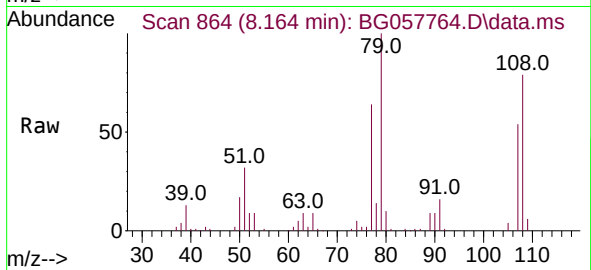
ClientSampleId :

PB153461BS

Tgt Ion: 79 Resp: 105529
Ion Ratio Lower Upper
79 100
108 78.7 60.5 90.7
77 64.2 49.3 73.9

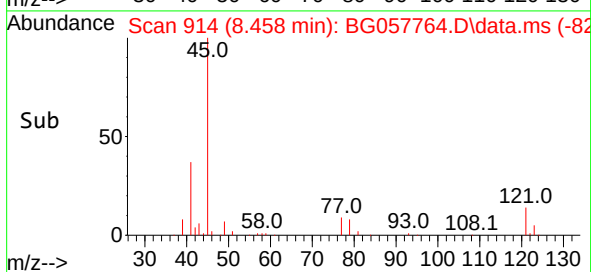
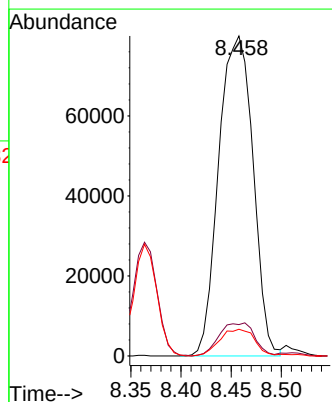
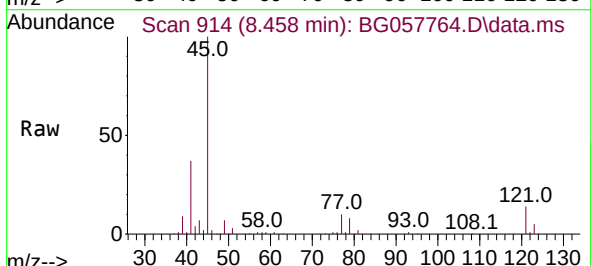
Manual Integrations
APPROVED

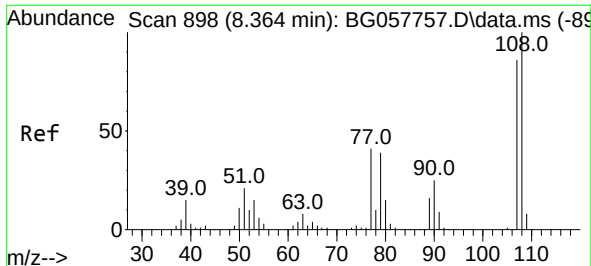
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.352 ng
RT: 8.458 min Scan# 914
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion: 45 Resp: 190146
Ion Ratio Lower Upper
45 100
77 9.8 0.0 30.6
79 8.4 0.0 28.3





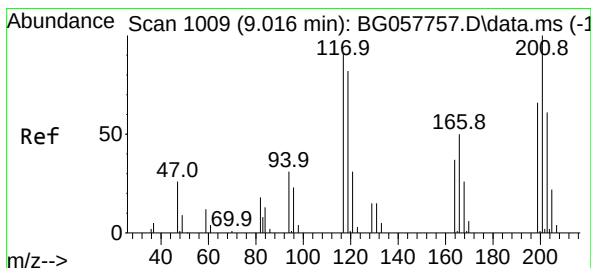
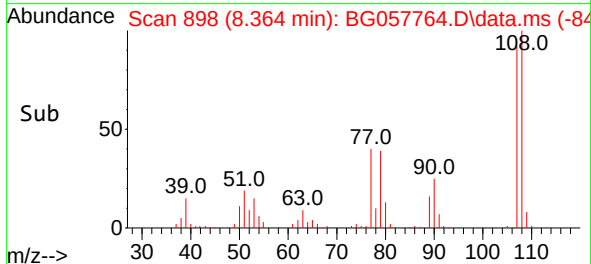
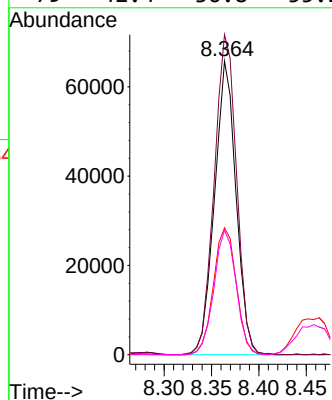
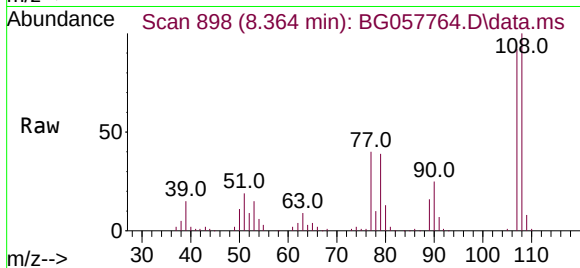
#17
2-Methylphenol
Concen: 42.060 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :
BNA_G
ClientSampleId :
PB153461BS

Tgt Ion:107 Resp: 10384
Ion Ratio Lower Upper
107 100
108 109.0 93.2 139.8
77 43.2 37.8 56.8
79 42.4 36.8 55.2

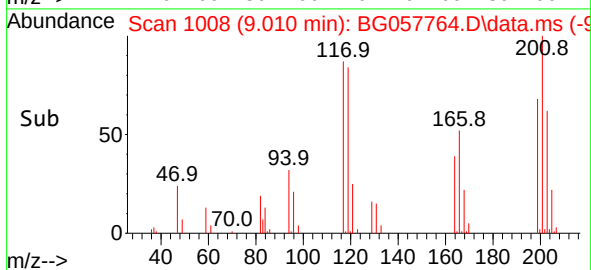
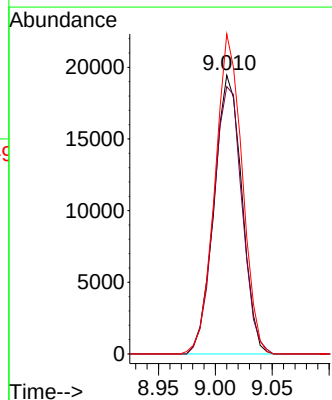
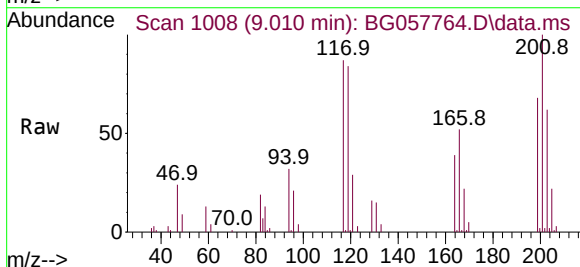
Manual Integrations
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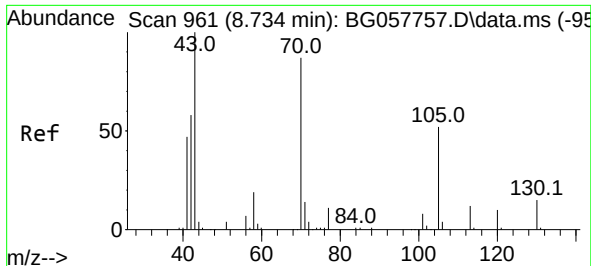
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 39.539 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:117 Resp: 33046
Ion Ratio Lower Upper
117 100
119 95.9 72.3 108.5
201 114.8 87.8 131.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.542 ng

RT: 8.734 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG057764.D

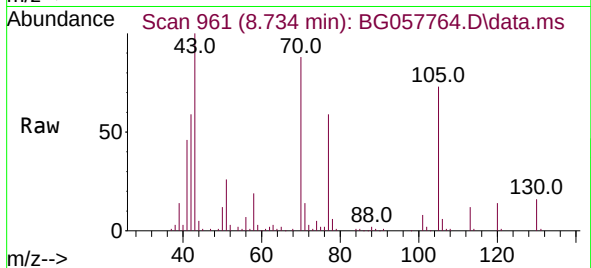
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS



Tgt Ion: 70 Resp: 89234

Ion Ratio Lower Upper

70 100

42 66.4 54.2 81.2

101 8.8 7.4 11.0

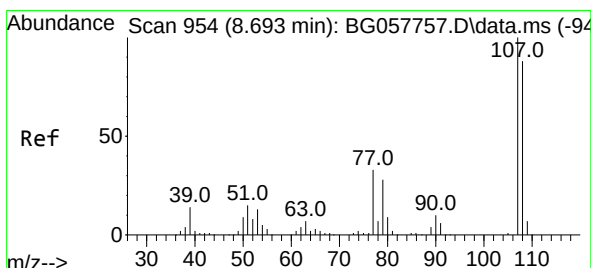
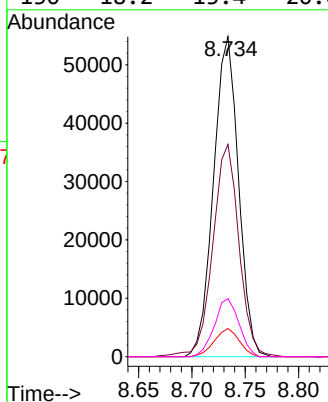
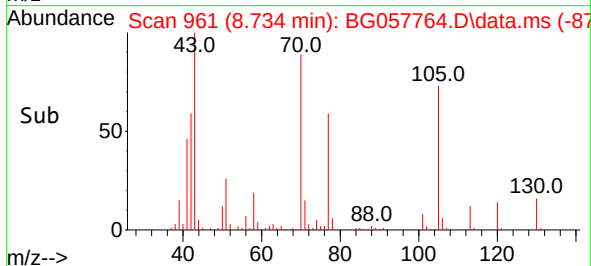
130 18.2 13.4 20.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#20

3+4-Methylphenols

Concen: 42.230 ng

RT: 8.693 min Scan# 954

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Tgt Ion:107 Resp: 144022

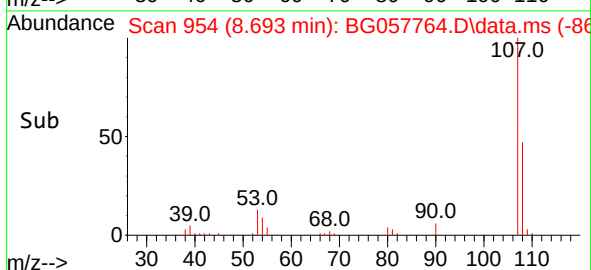
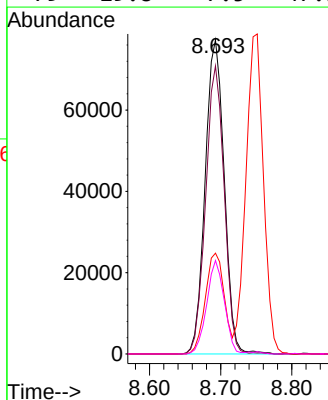
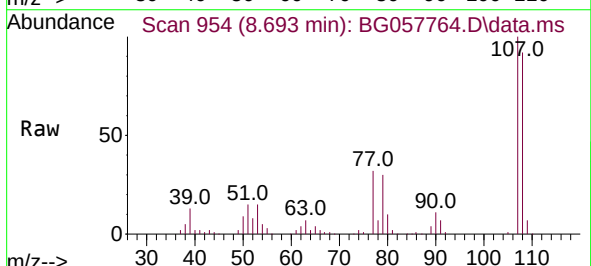
Ion Ratio Lower Upper

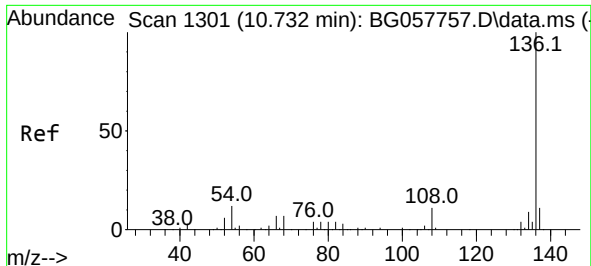
107 100

108 91.7 67.7 107.7

77 32.1 13.3 53.3

79 29.8 7.5 47.5





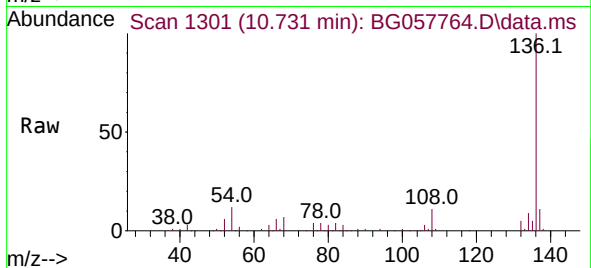
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS



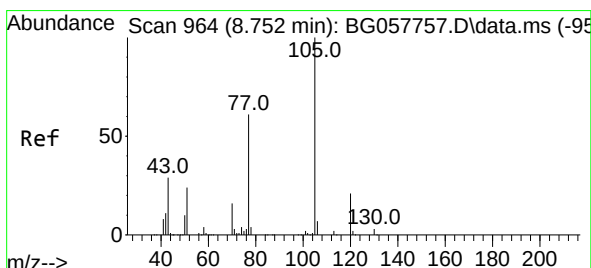
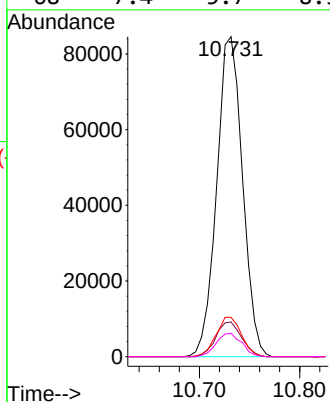
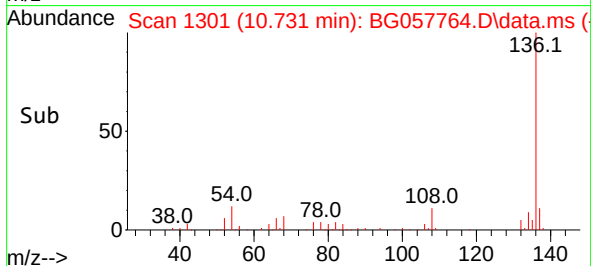
Tgt Ion:136 Resp: 15120
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.3 9.5 14.3
68 7.4 5.7 8.5

Manual Integrations

APPROVED

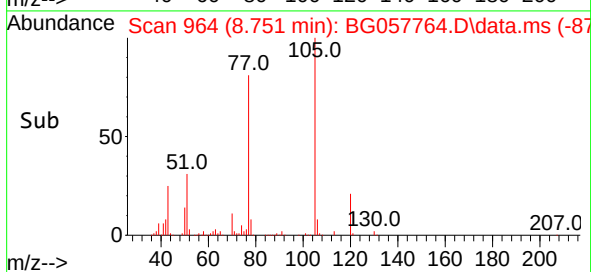
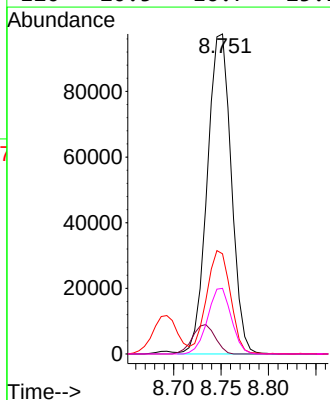
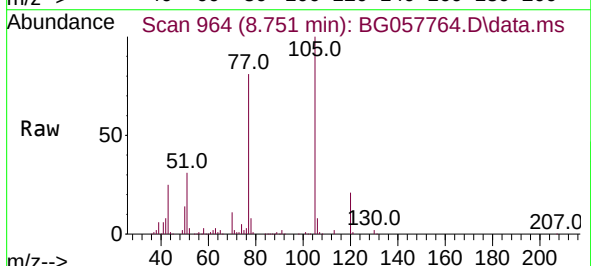
Reviewed By :Yogesh Patel 06/20/2023

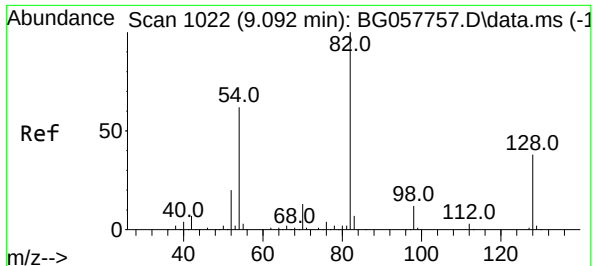
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 40.464 ng
RT: 8.751 min Scan# 964
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:105 Resp: 171571
Ion Ratio Lower Upper
105 100
71 1.9 2.4 3.6#
51 31.3 25.9 38.9
120 20.5 16.7 25.1





#23

Nitrobenzene-d5

Concen: 79.420 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Tgt Ion: 82 Resp: 23397

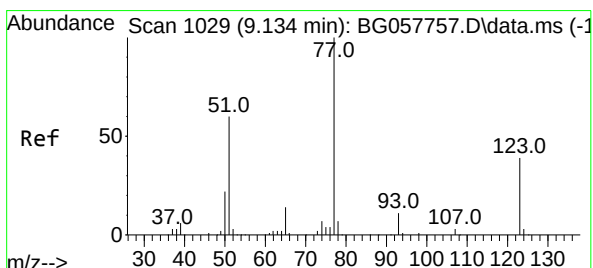
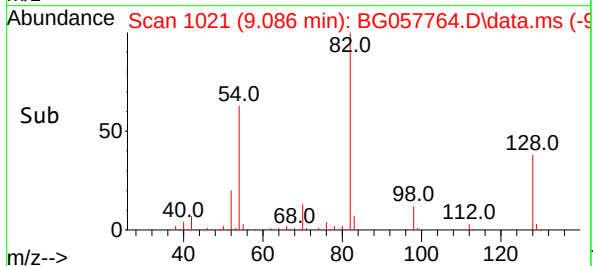
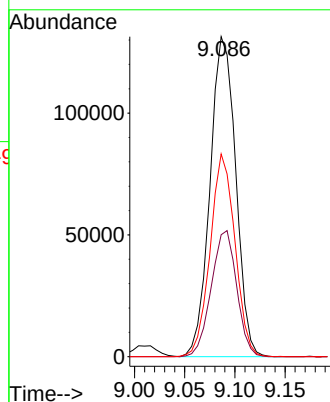
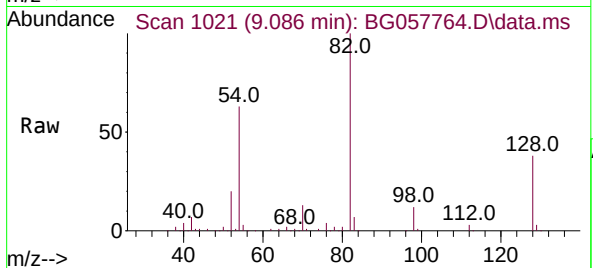
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.7	46.1
54	63.4	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#24

Nitrobenzene

Concen: 40.349 ng

RT: 9.127 min Scan# 1028

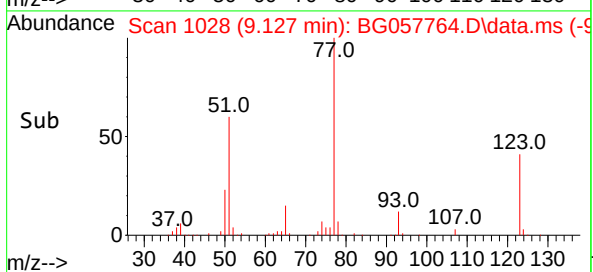
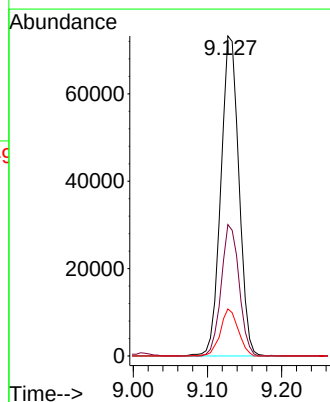
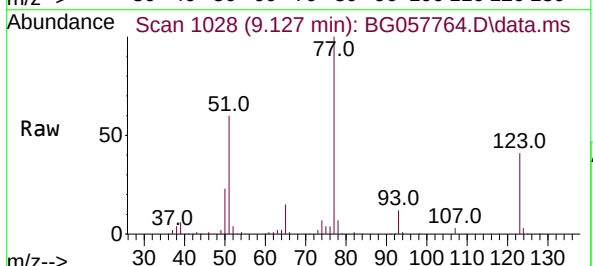
Delta R.T. -0.007 min

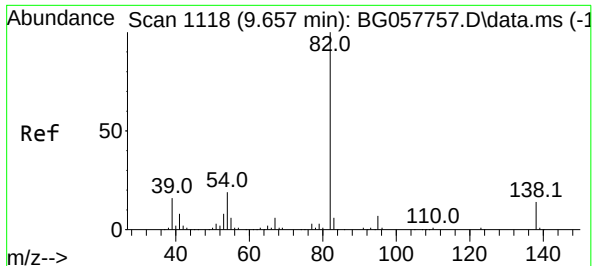
Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Tgt Ion: 77 Resp: 123718

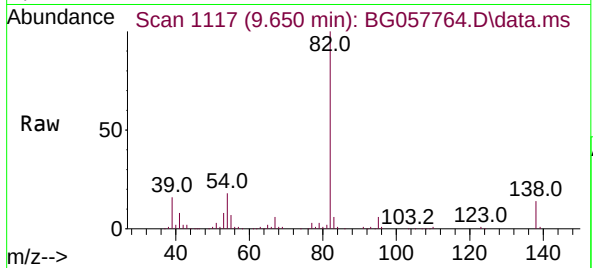
Ion	Ratio	Lower	Upper
77	100		
123	41.0	31.4	47.2
65	14.7	11.2	16.8





#25
Isophorone
Concen: 39.065 ng
RT: 9.650 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

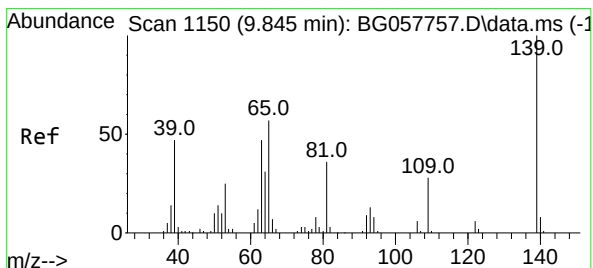
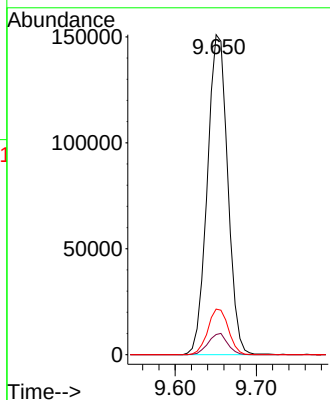
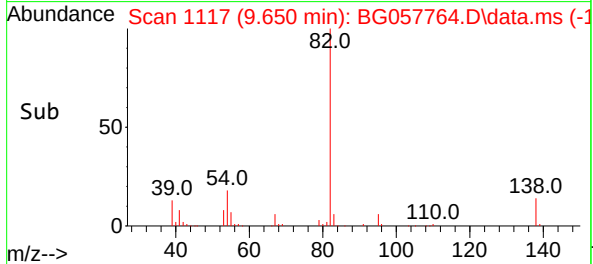
Instrument :
BNA_G
ClientSampleId :
PB153461BS



Tgt Ion: 82 Resp: 262940
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 14.3 11.1 16.7

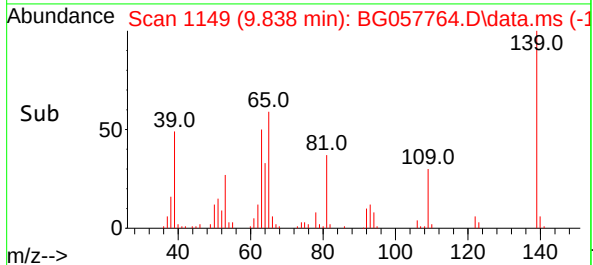
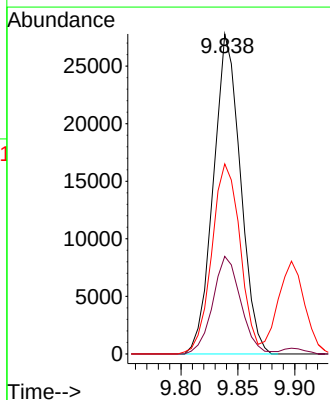
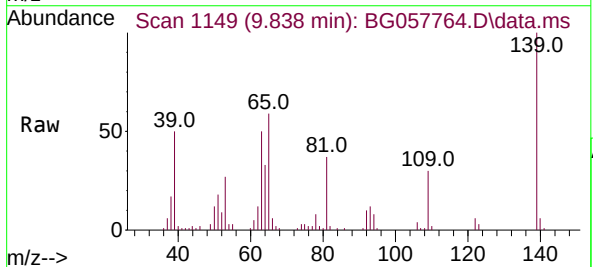
Manual Integrations
APPROVED

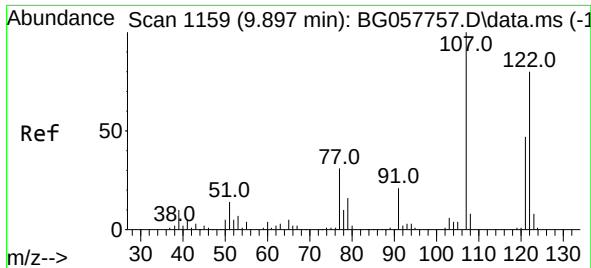
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#26
2-Nitrophenol
Concen: 47.110 ng
RT: 9.838 min Scan# 1149
Delta R.T. -0.007 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:139 Resp: 45955
Ion Ratio Lower Upper
139 100
109 30.5 22.5 33.7
65 59.4 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 45.933 ng

RT: 9.897 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Tgt Ion:122 Resp: 11093

Ion Ratio Lower Upper

122 100

107 121.3 98.9 148.3

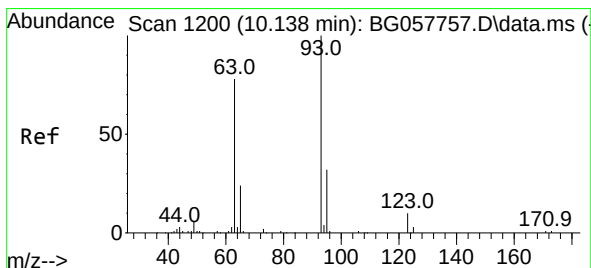
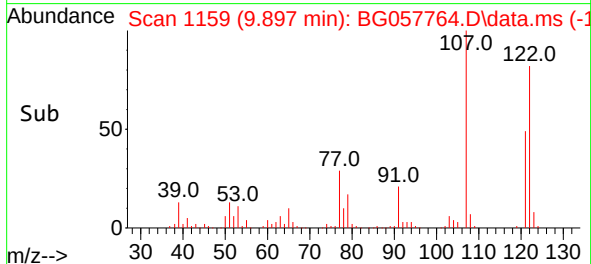
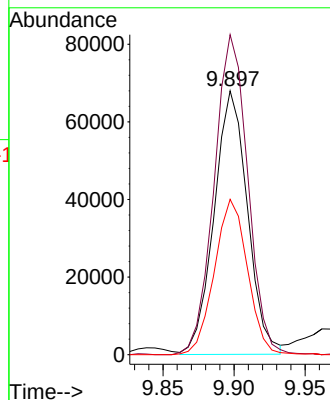
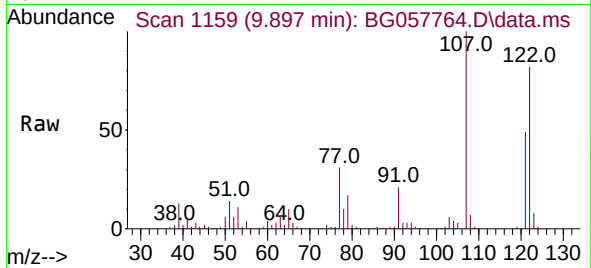
121 58.9 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.176 ng

RT: 10.138 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

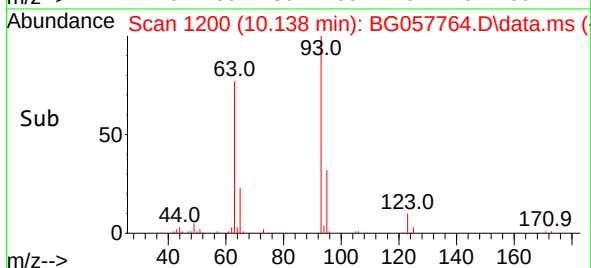
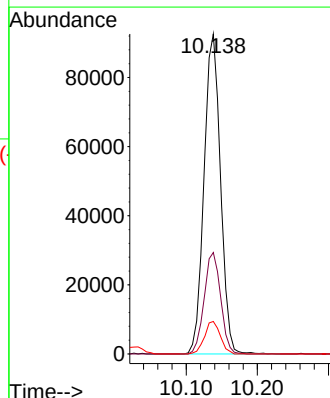
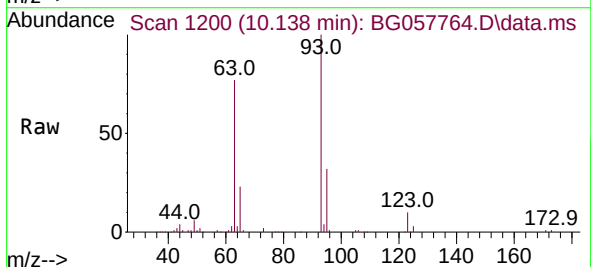
Tgt Ion: 93 Resp: 149252

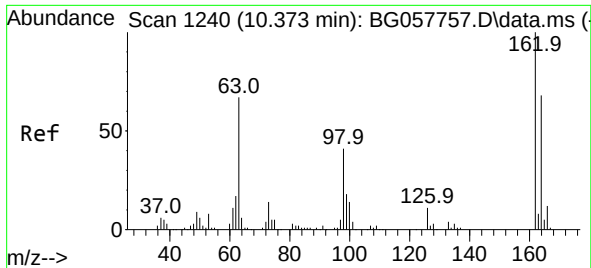
Ion Ratio Lower Upper

93 100

95 31.7 25.6 38.4

123 10.2 8.2 12.2





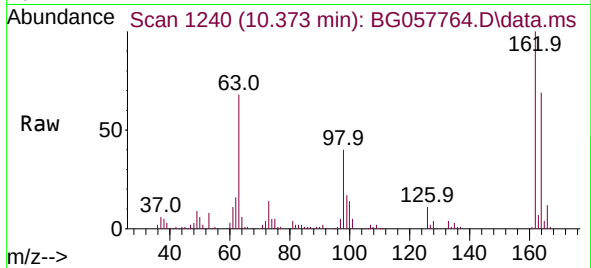
#29
2,4-Dichlorophenol
Concen: 45.922 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

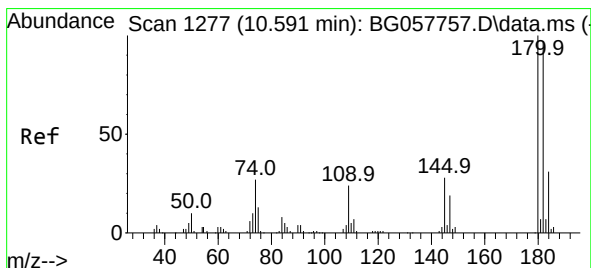
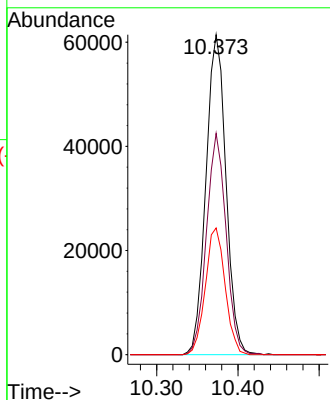


Tgt Ion:162 Resp: 105319
Ion Ratio Lower Upper
162 100
164 69.1 48.2 88.2
98 39.6 20.7 60.7

Manual Integrations

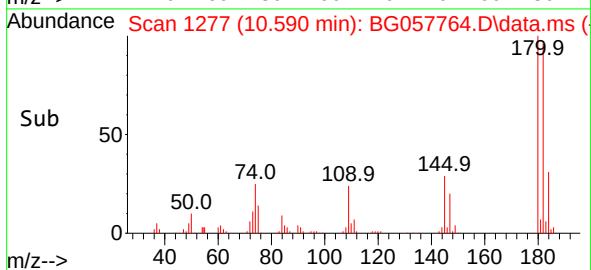
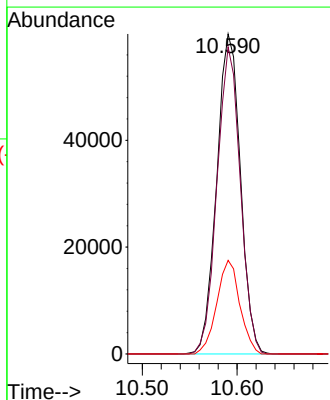
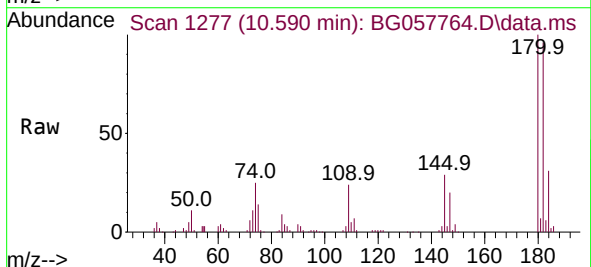
APPROVED

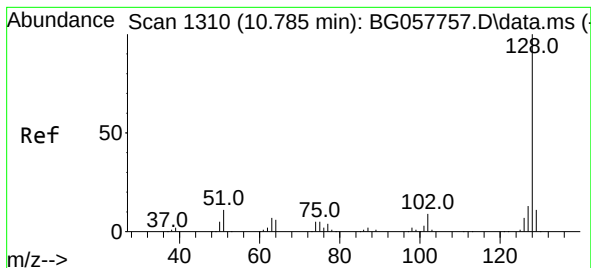
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 40.758 ng
RT: 10.590 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

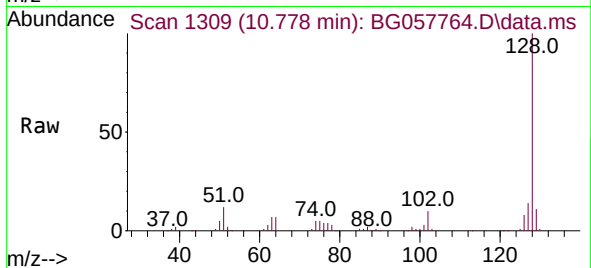
Tgt Ion:180 Resp: 104193
Ion Ratio Lower Upper
180 100
182 95.9 77.5 116.3
145 29.2 22.6 34.0





#31
Naphthalene
Concen: 40.000 ng
RT: 10.778 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

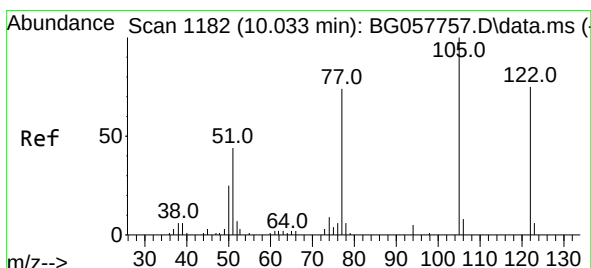
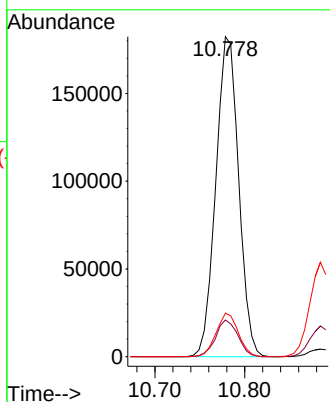
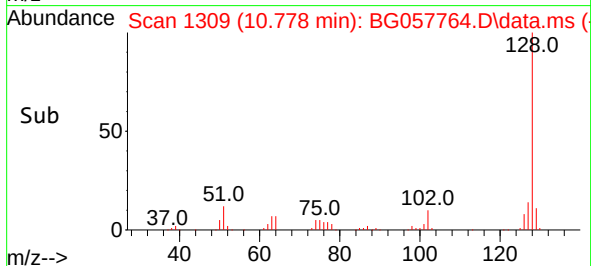
Instrument :
BNA_G
ClientSampleId :
PB153461BS



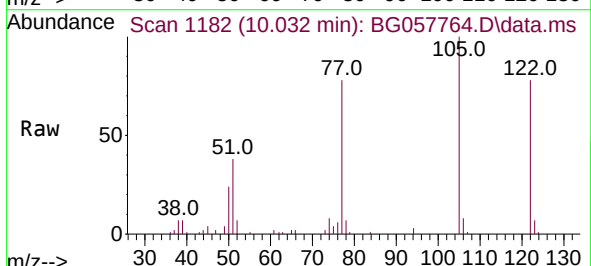
Tgt Ion:128 Resp: 321892
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 13.6 10.7 16.1

Manual Integrations
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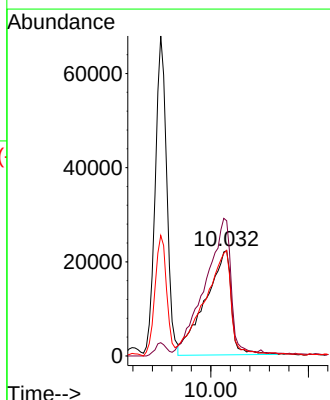
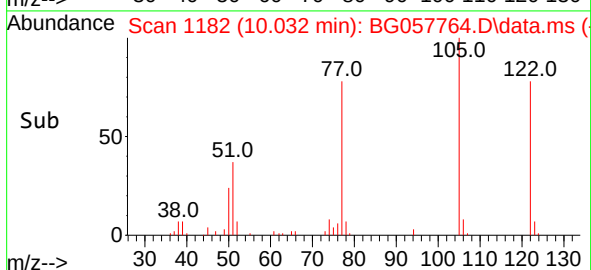
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

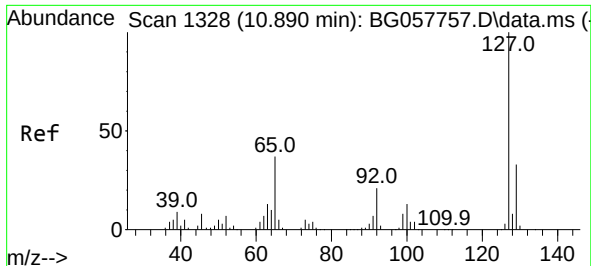


#32
Benzoic acid
Concen: 46.376 ng
RT: 10.032 min Scan# 1182
Delta R.T. -0.001 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:122 Resp: 82463
Ion Ratio Lower Upper
122 100
105 128.4 110.1 150.1
77 100.3 78.2 118.2





#33
4-Chloroaniline
Concen: 25.146 ng
RT: 10.884 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

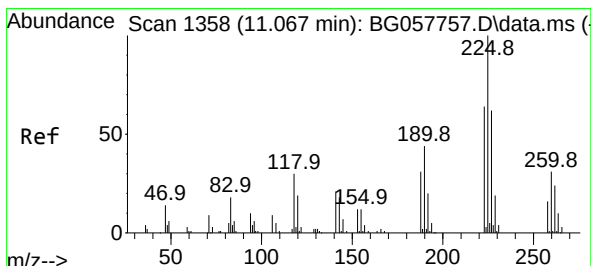
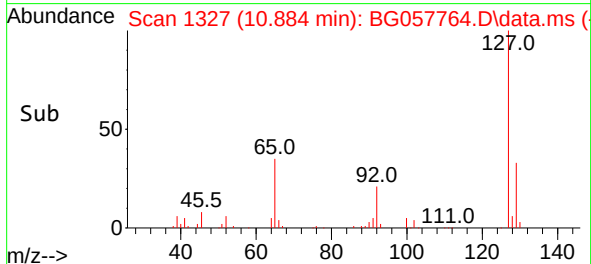
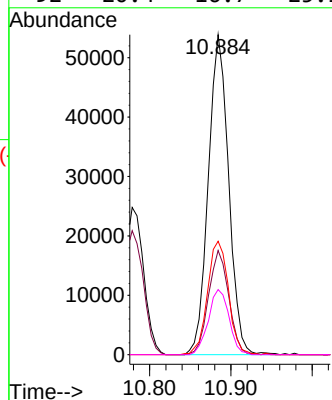
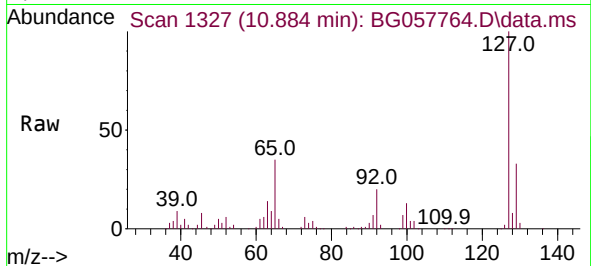
PB153461BS

Tgt Ion:127 Resp: 9376
Ion Ratio Lower Upper
127 100
129 32.5 26.6 40.0
65 35.5 29.8 44.8
92 20.4 16.7 25.1

Manual Integrations

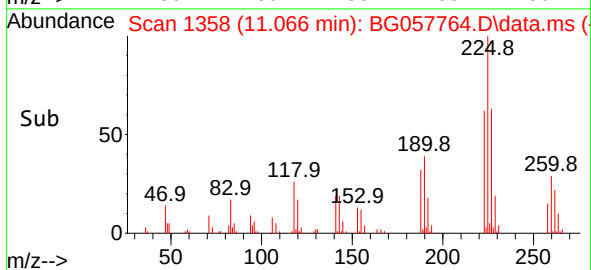
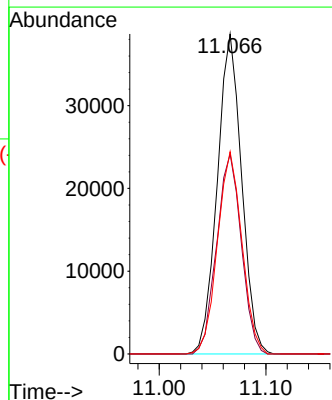
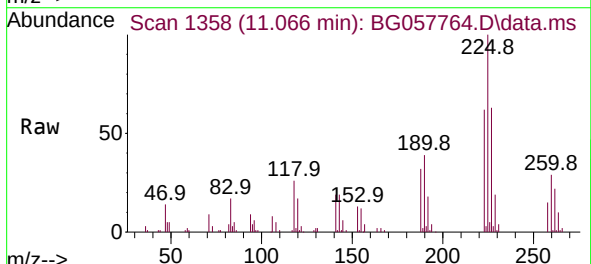
APPROVED

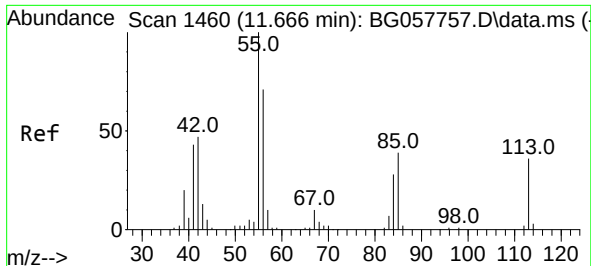
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 39.353 ng
RT: 11.066 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:225 Resp: 61376
Ion Ratio Lower Upper
225 100
223 62.5 51.4 77.0
227 63.2 49.7 74.5





#35
 Caprolactam
 Concen: 46.778 ng m
 RT: 11.660 min Scan# 1460
 Delta R.T. -0.006 min
 Lab File: BG057764.D
 Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

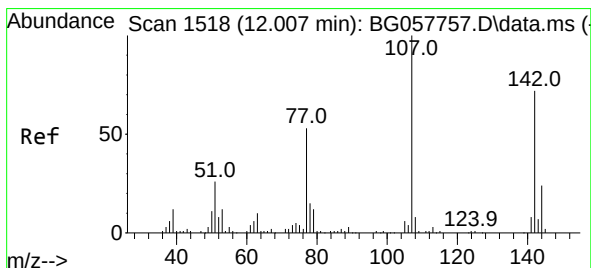
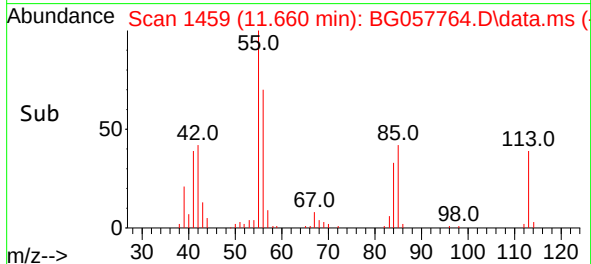
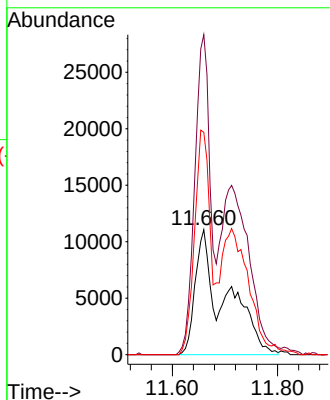
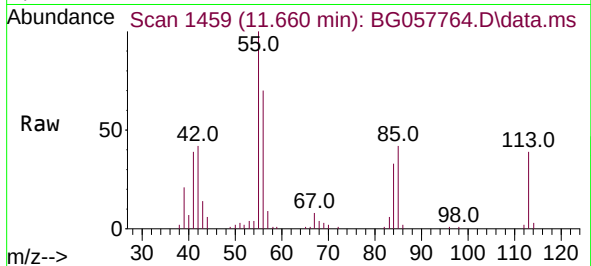
ClientSampleId :

PB153461BS

Tgt Ion:113 Resp: 43534
 Ion Ratio Lower Upper
 113 100
 55 256.2 255.7 295.7
 56 178.1 175.2 215.2

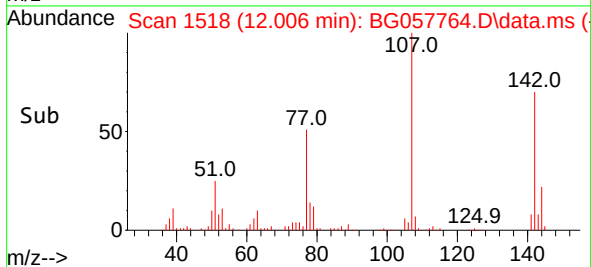
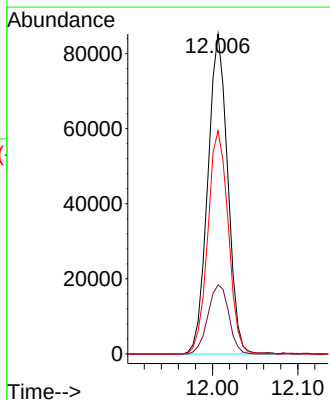
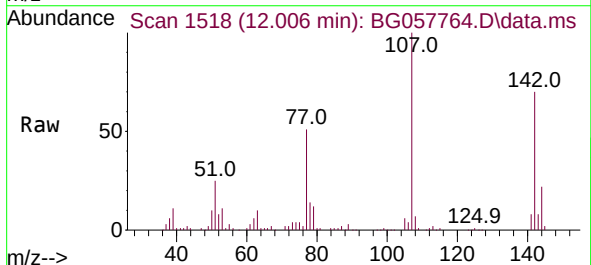
Manual Integrations
 APPROVED

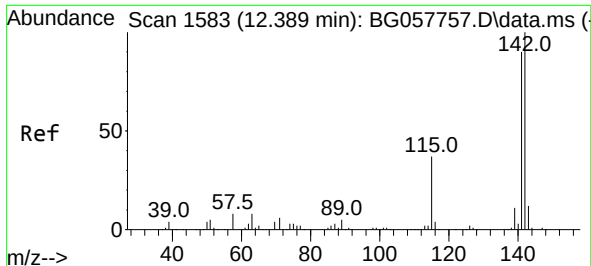
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.149 ng
 RT: 12.006 min Scan# 1518
 Delta R.T. -0.000 min
 Lab File: BG057764.D
 Acq: 19 Jun 2023 21:05

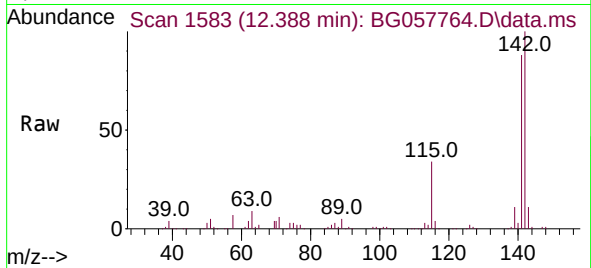
Tgt Ion:107 Resp: 138227
 Ion Ratio Lower Upper
 107 100
 144 21.6 19.5 29.3
 142 69.8 57.9 86.9





#37
2-Methylnaphthalene
Concen: 39.636 ng
RT: 12.388 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

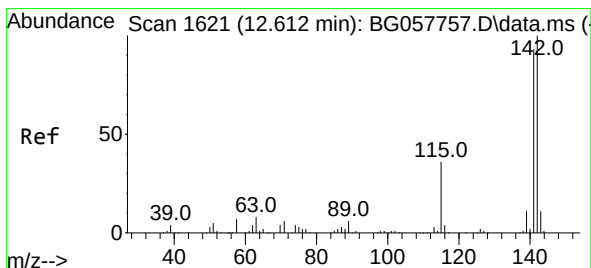
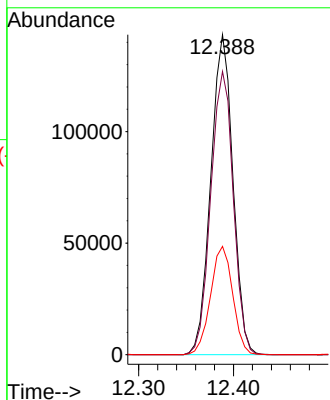
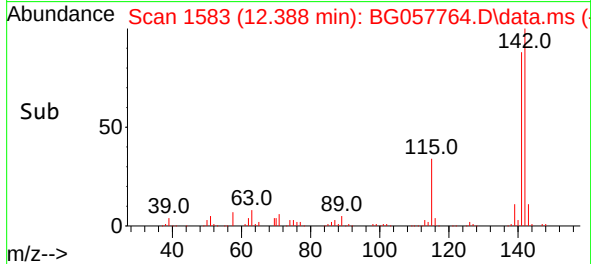
Instrument :
BNA_G
ClientSampleId :
PB153461BS



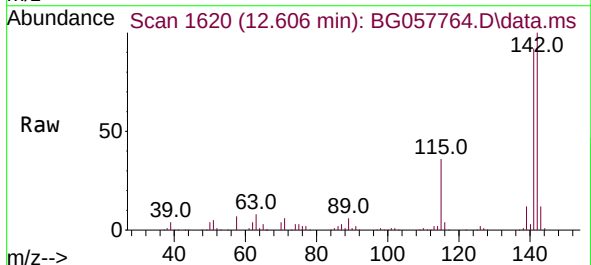
Tgt Ion:142 Resp: 23249
Ion Ratio Lower Upper
142 100
141 88.5 72.1 108.1
115 33.9 29.7 44.5

Manual Integrations
APPROVED

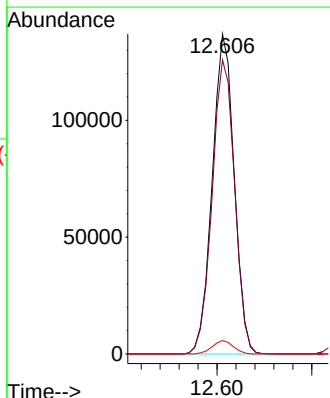
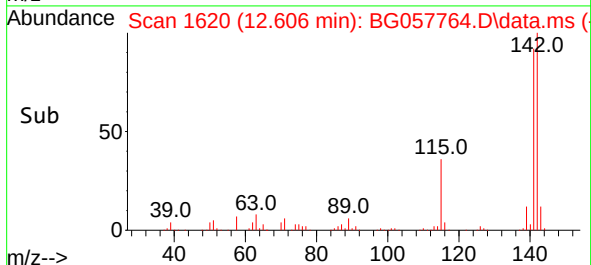
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

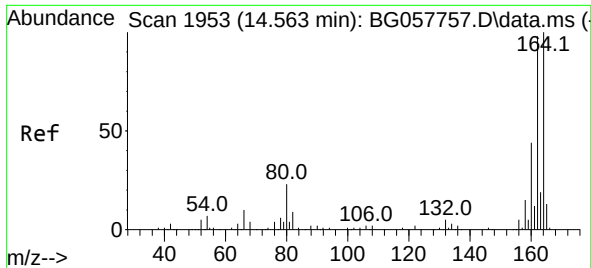


#38
1-Methylnaphthalene
Concen: 39.719 ng
RT: 12.606 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:142 Resp: 219934
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4
116 4.2 3.1 4.7





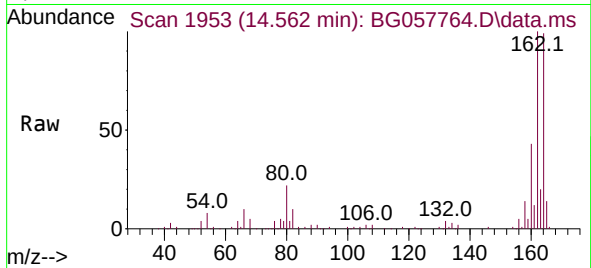
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

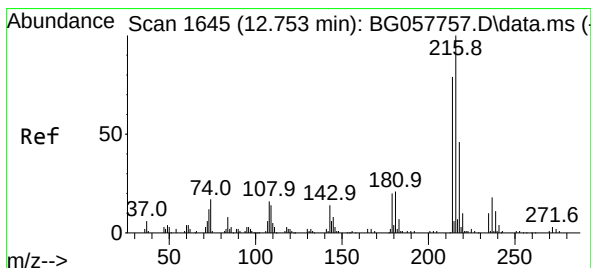
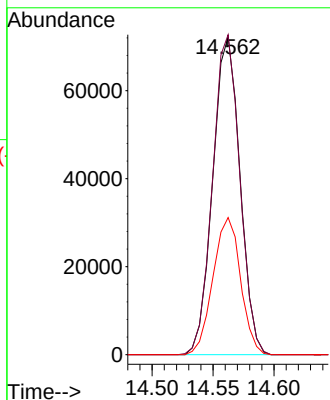
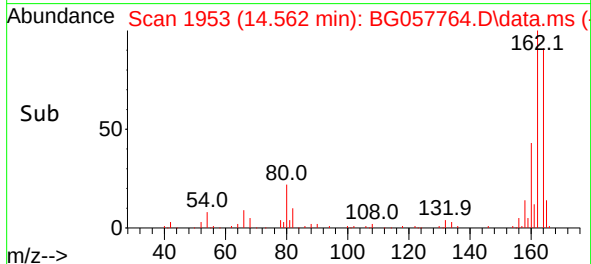


Tgt Ion:164 Resp: 112139
Ion Ratio Lower Upper
164 100
162 100.6 78.3 117.5
160 43.1 35.4 53.0

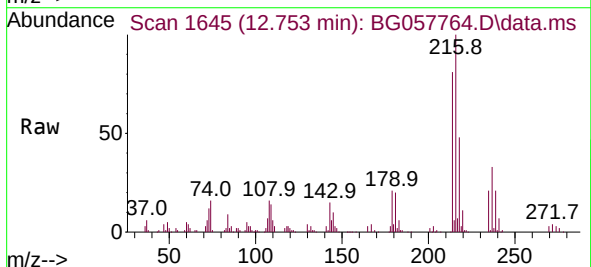
Manual Integrations

APPROVED

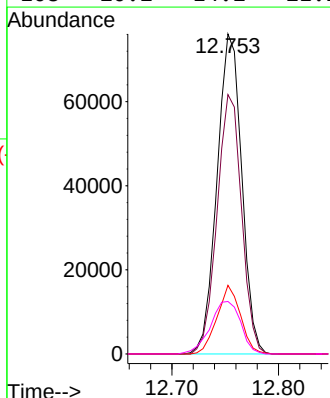
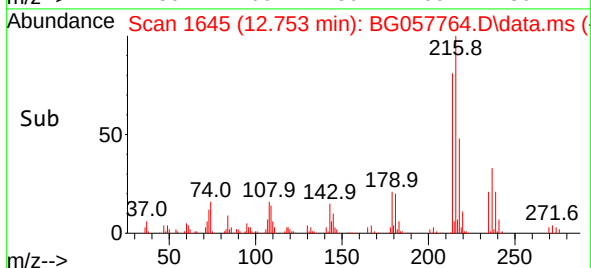
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

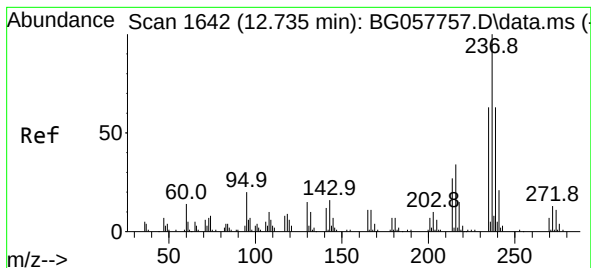


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.342 ng
RT: 12.753 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



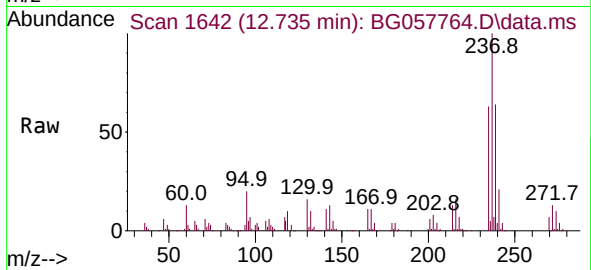
Tgt Ion:216 Resp: 122307
Ion Ratio Lower Upper
216 100
214 80.3 63.0 94.4
179 20.4 16.2 24.2
108 20.2 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 91.290 ng
RT: 12.735 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

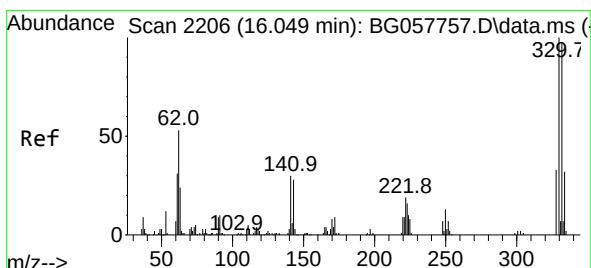
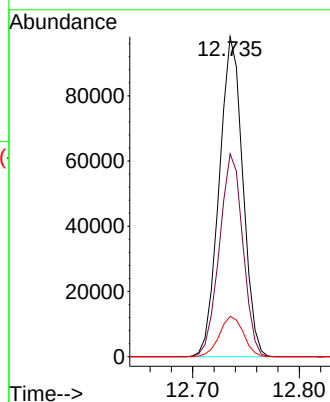
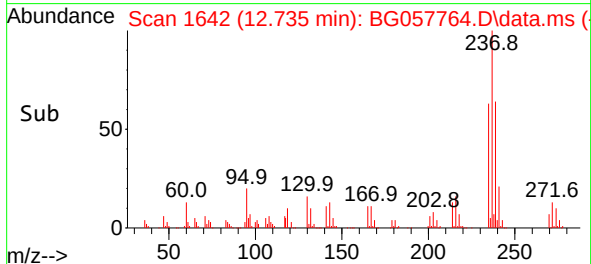
Instrument :
BNA_G
ClientSampleId :
PB153461BS



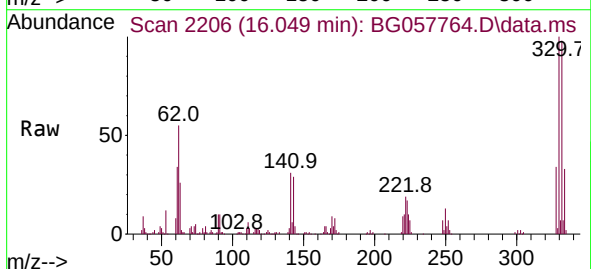
Tgt Ion:237 Resp: 15067
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 12.6 0.0 32.8

Manual Integrations
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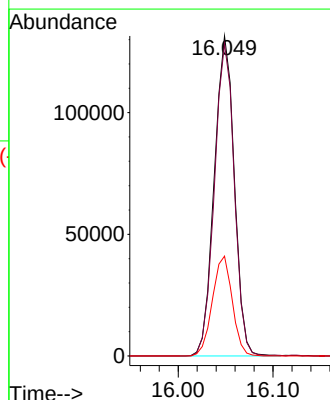
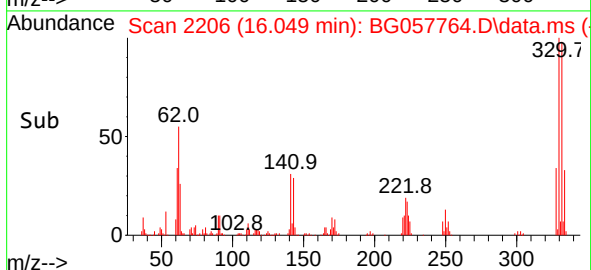
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

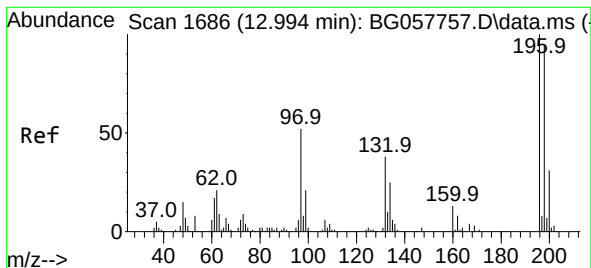


#42
2,4,6-Tribromophenol
Concen: 123.669 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:330 Resp: 193182
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 30.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 43.438 ng

RT: 12.994 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Tgt Ion:196 Resp: 9669

Ion Ratio Lower Upper

196 100

198 92.5 75.5 113.3

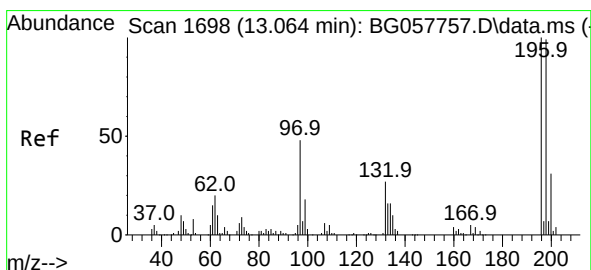
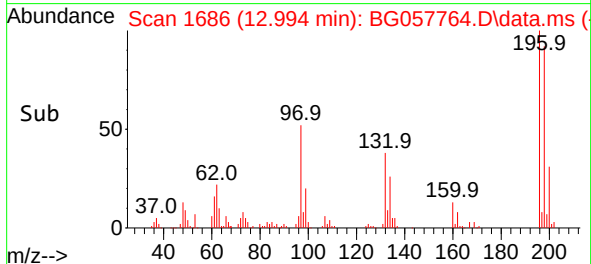
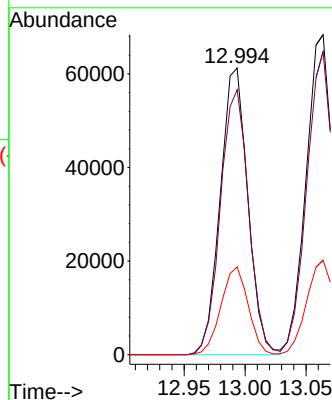
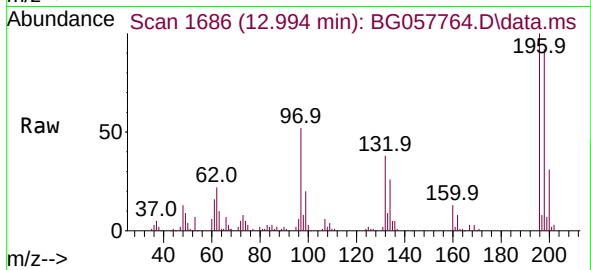
200 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#44

2,4,5-Trichlorophenol

Concen: 41.796 ng

RT: 13.064 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Tgt Ion:196 Resp: 108448

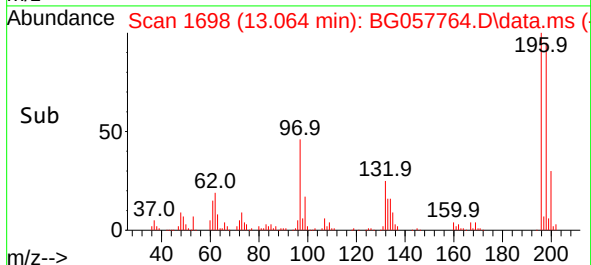
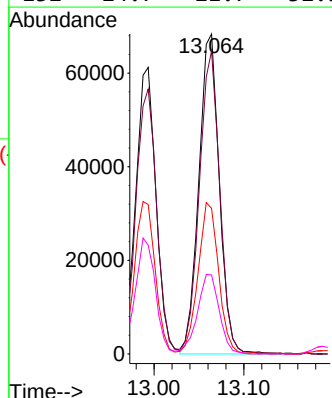
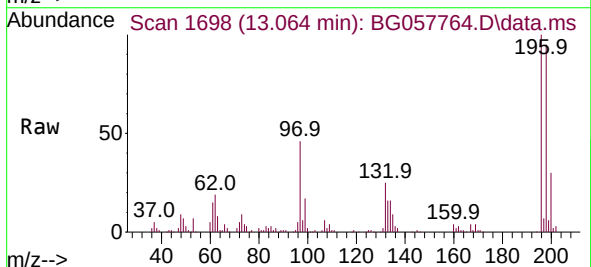
Ion Ratio Lower Upper

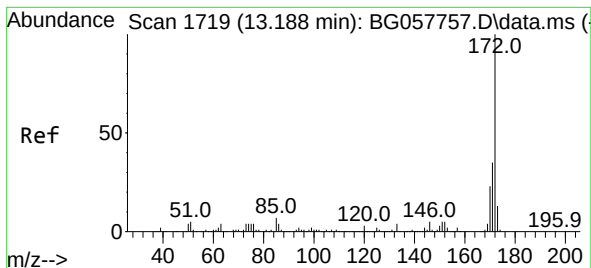
196 100

198 94.7 78.9 118.3

97 45.5 38.3 57.5

132 24.7 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 77.764 ng

RT: 13.187 min Scan# 1719

Delta R.T. -0.000 min

Lab File: BG057764.D

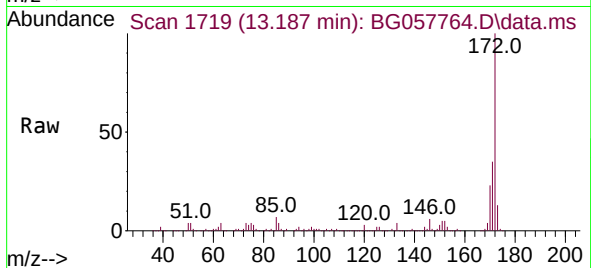
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS



Tgt Ion:172 Resp: 57494

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

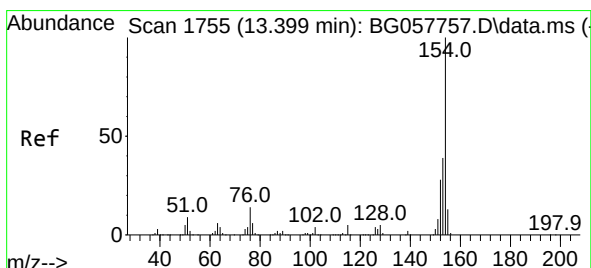
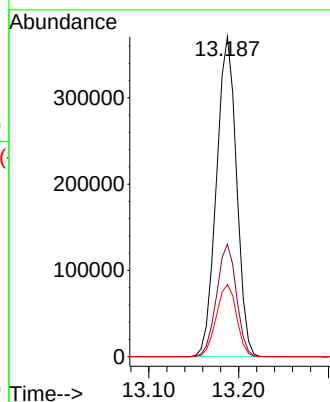
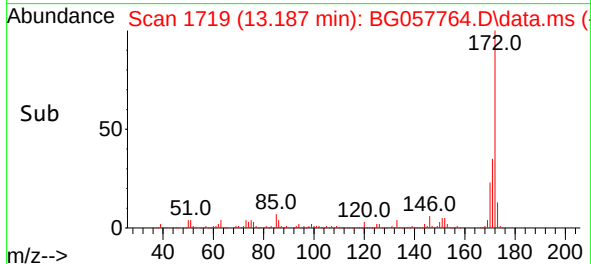
170 22.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#46

1,1'-Biphenyl

Concen: 41.227 ng

RT: 13.399 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

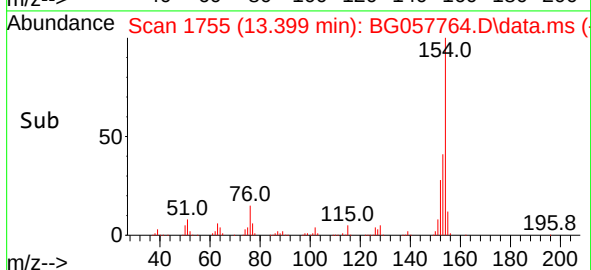
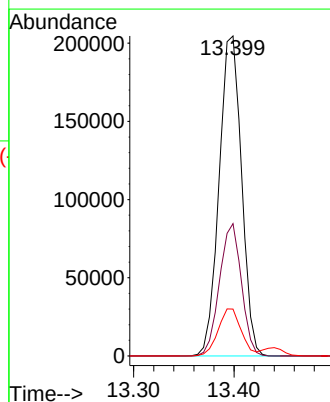
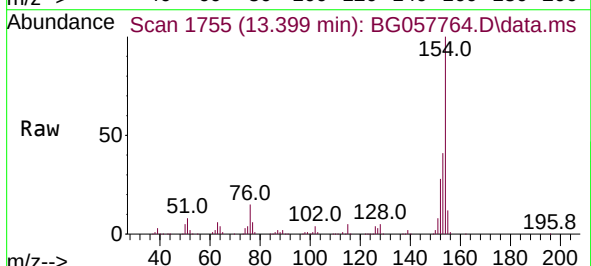
Tgt Ion:154 Resp: 317440

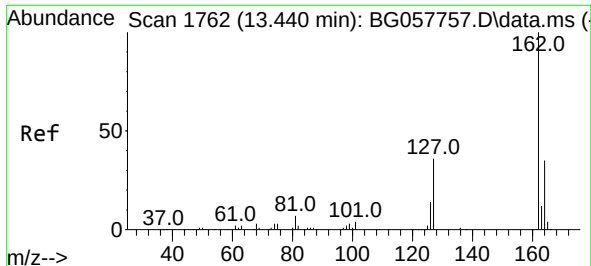
Ion Ratio Lower Upper

154 100

153 41.4 19.1 59.1

76 14.7 0.0 34.3





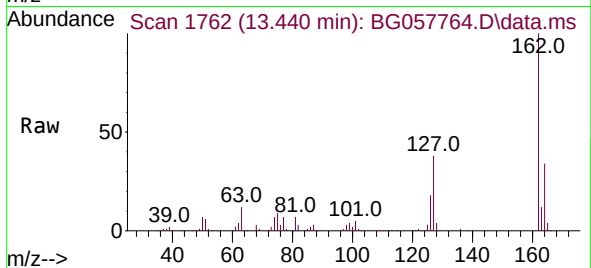
#47
2-Chloronaphthalene
Concen: 41.381 ng
RT: 13.440 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

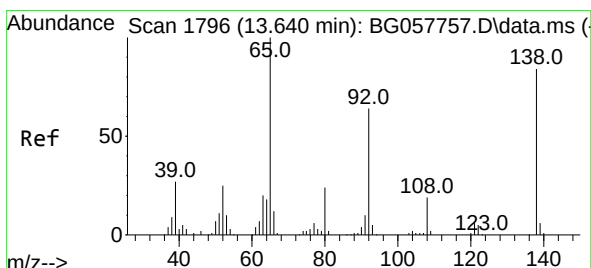
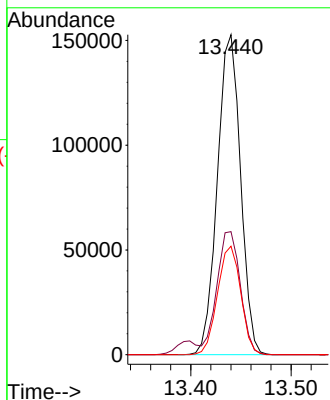
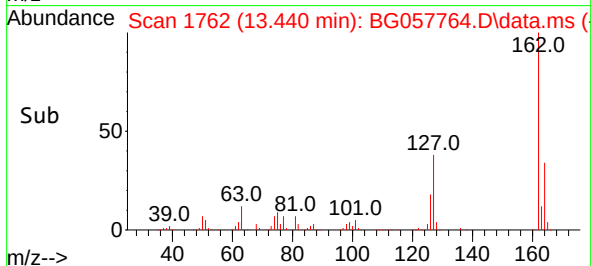


Tgt Ion:162 Resp: 244782
Ion Ratio Lower Upper
162 100
127 38.4 32.2 48.2
164 33.9 28.0 42.0

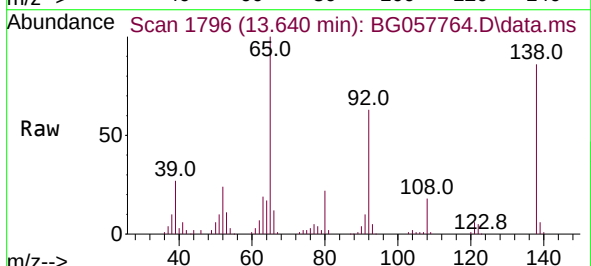
Manual Integrations

APPROVED

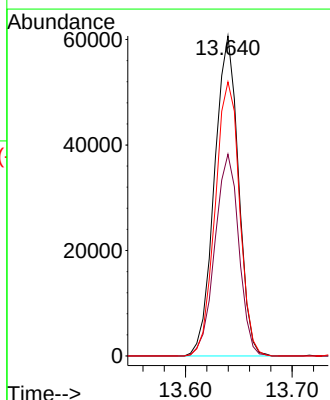
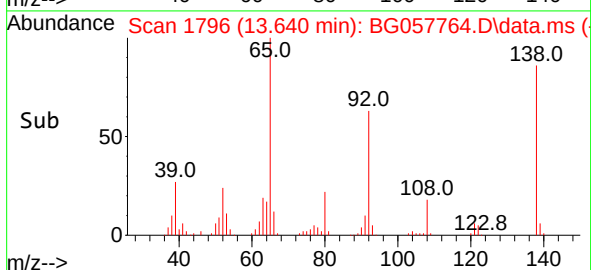
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

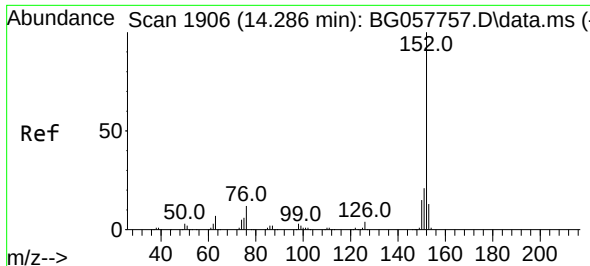


#48
2-Nitroaniline
Concen: 45.146 ng
RT: 13.640 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion: 65 Resp: 94904
Ion Ratio Lower Upper
65 100
92 63.0 51.2 76.8
138 85.7 67.2 100.8





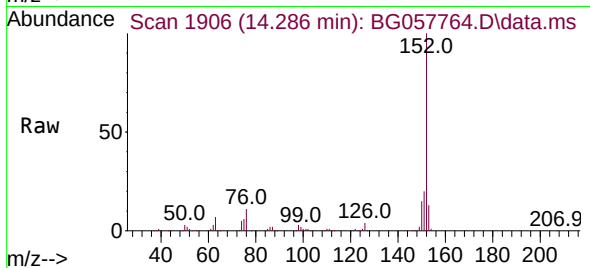
#49
Acenaphthylene
Concen: 40.977 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

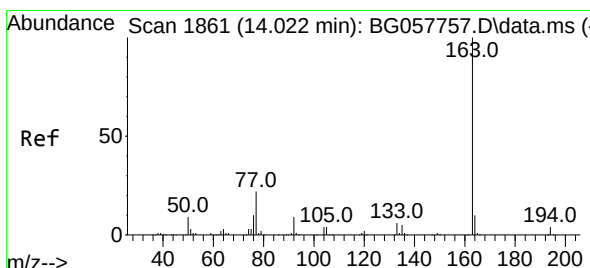
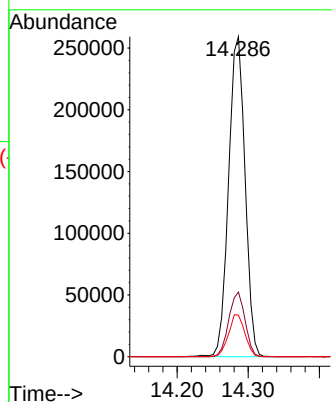
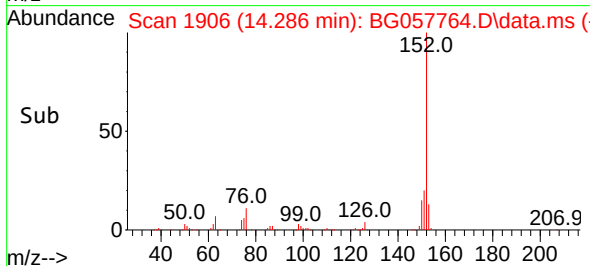


Tgt Ion:152 Resp: 416049
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.4
153 13.0 10.5 15.7

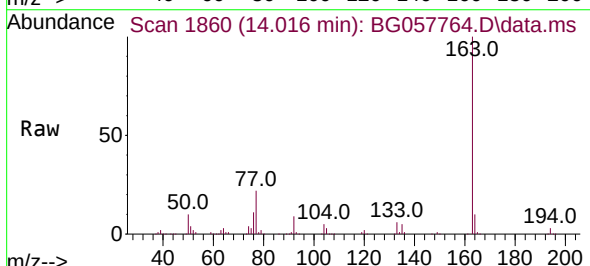
Manual Integrations

APPROVED

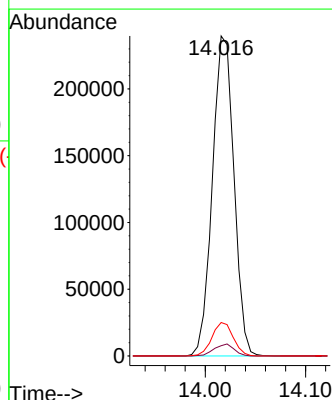
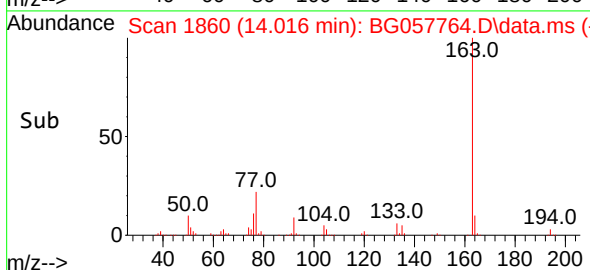
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

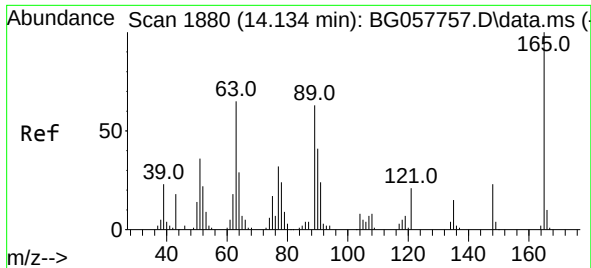


#50
Dimethylphthalate
Concen: 41.544 ng
RT: 14.016 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:163 Resp: 357811
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 46.481 ng
RT: 14.133 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

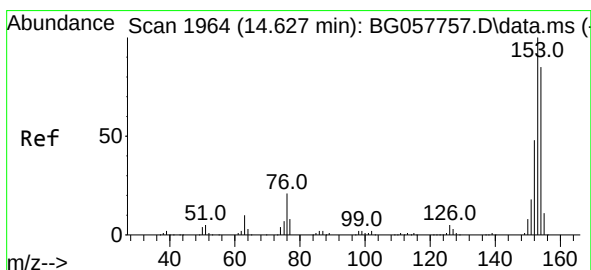
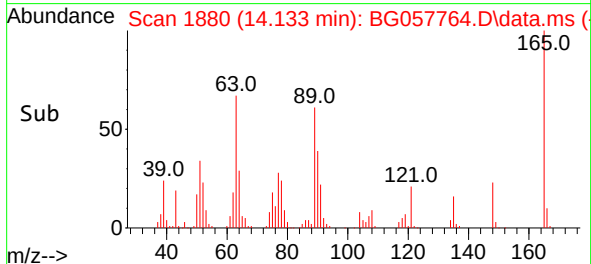
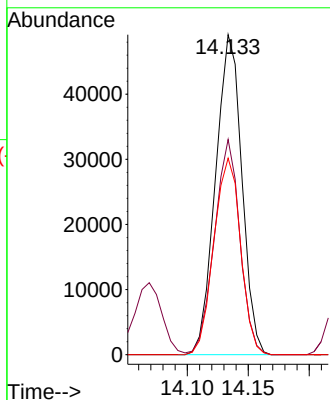
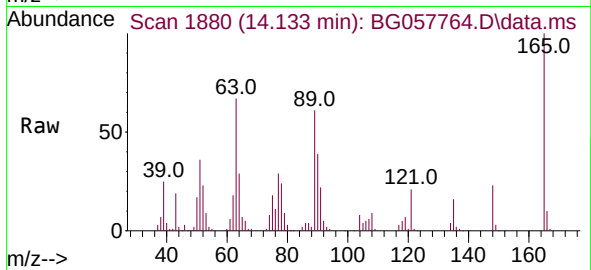
ClientSampleId :

PB153461BS

Tgt Ion:165 Resp: 7372
Ion Ratio Lower Upper
165 100
63 67.3 52.8 79.2
89 61.4 50.7 76.1

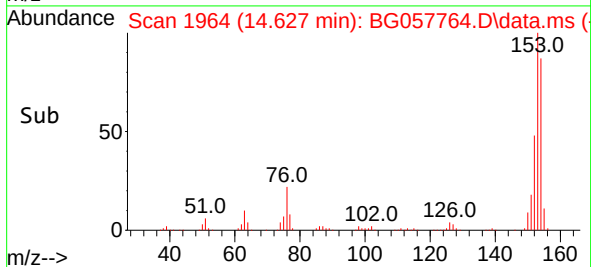
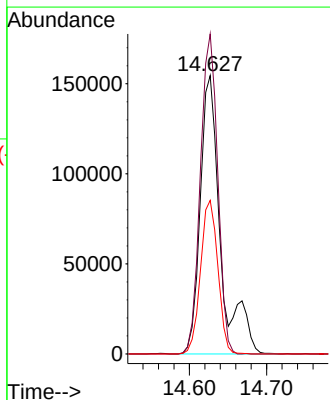
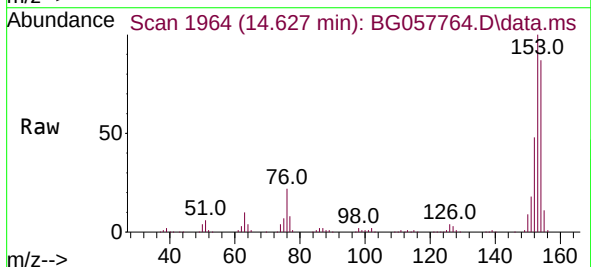
Manual Integrations
APPROVED

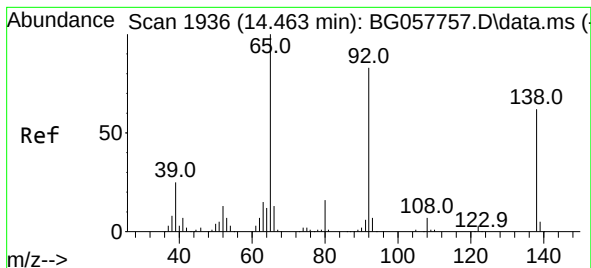
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 45.240 ng m
RT: 14.627 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:154 Resp: 284365
Ion Ratio Lower Upper
154 100
153 114.9 93.6 140.4
152 55.2 44.7 67.1





#53
3-Nitroaniline
Concen: 32.329 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

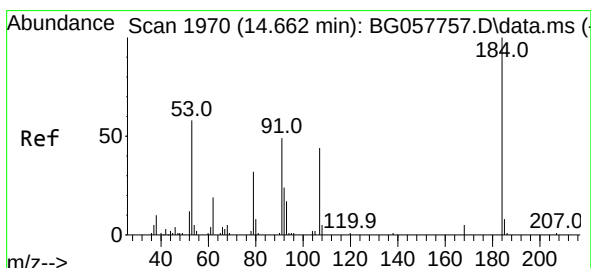
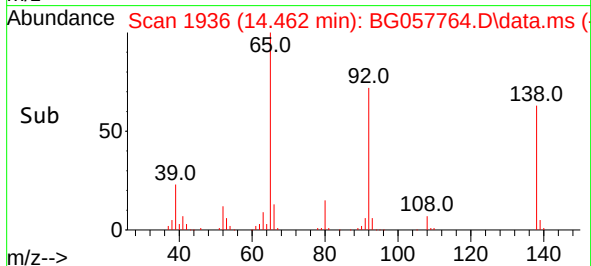
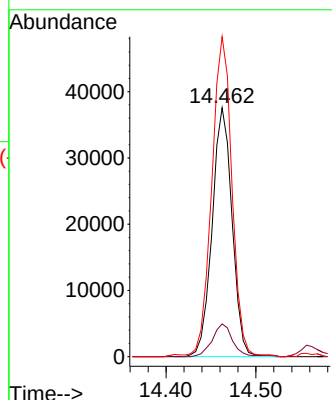
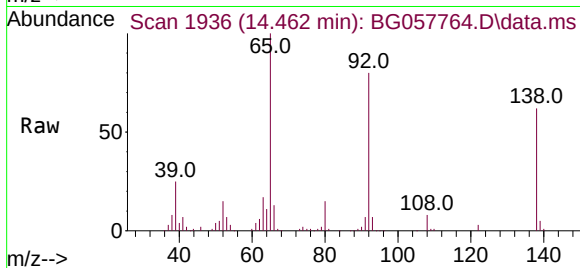
ClientSampleId :

PB153461BS

Tgt Ion:138 Resp: 5778
Ion Ratio Lower Upper
138 100
108 13.2 9.1 13.7
92 128.5 106.4 159.6

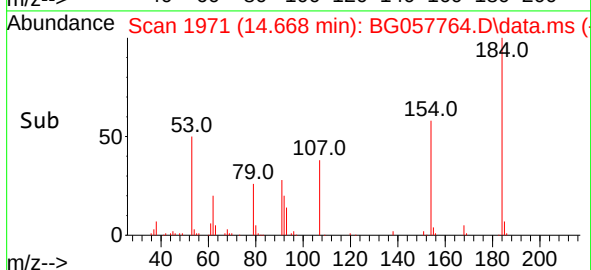
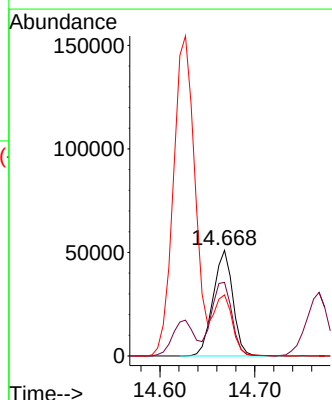
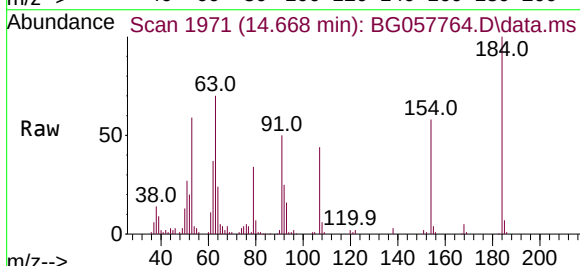
Manual Integrations
APPROVED

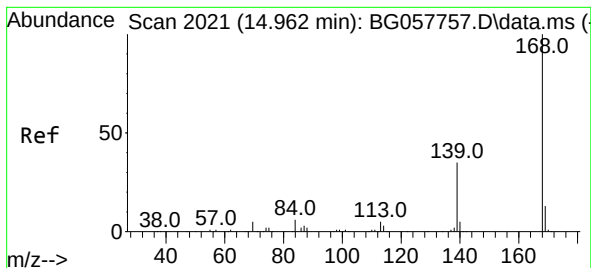
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 86.913 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:184 Resp: 73782
Ion Ratio Lower Upper
184 100
63 69.7 55.2 82.8
154 57.9 47.4 71.0





#55

Dibenzenofuran

Concen: 40.622 ng

RT: 14.962 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Tgt Ion:168 Resp: 410560

Ion Ratio Lower Upper

168 100

139 35.8 28.1 42.1

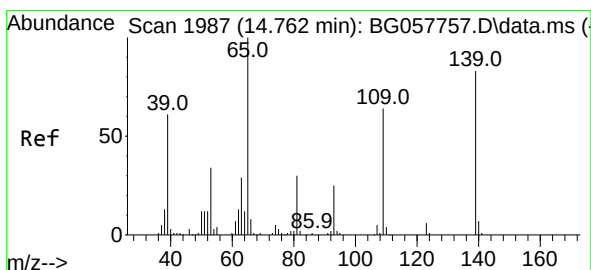
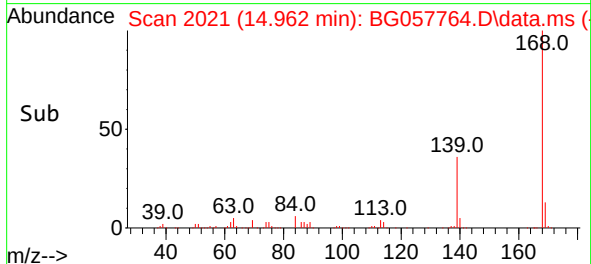
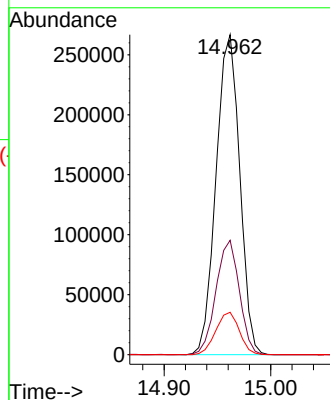
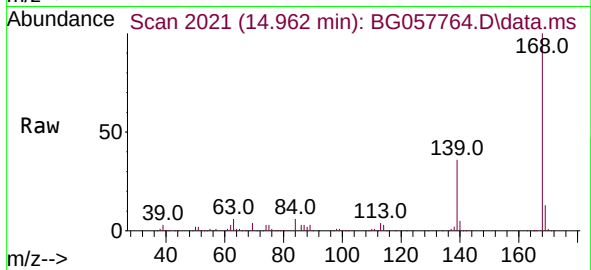
169 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#56

4-Nitrophenol

Concen: 98.566 ng

RT: 14.768 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

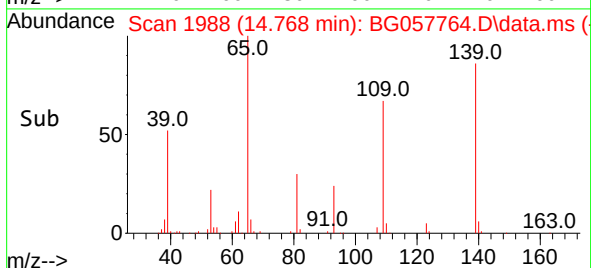
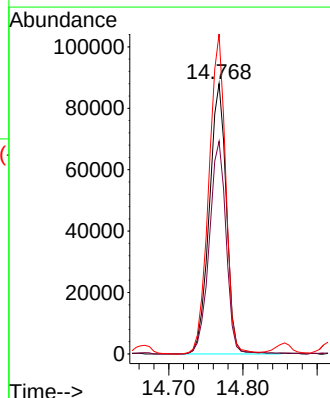
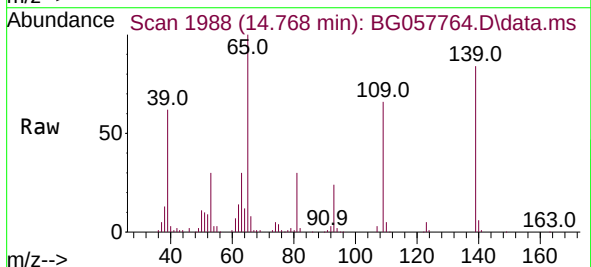
Tgt Ion:139 Resp: 140010

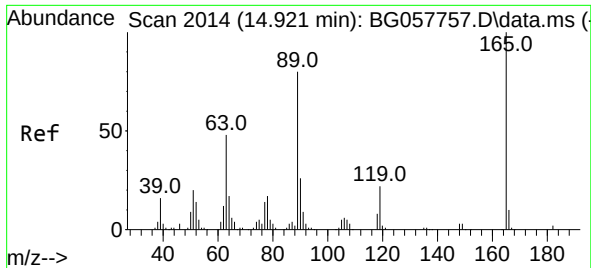
Ion Ratio Lower Upper

139 100

109 78.7 57.3 97.3

65 118.4 100.0 140.0





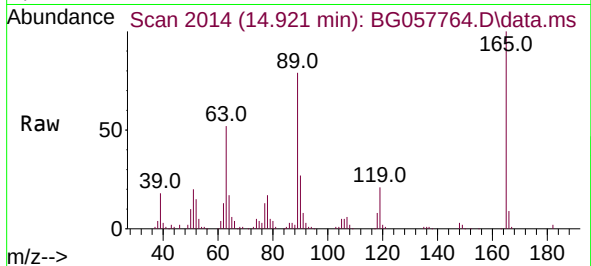
#57
2,4-Dinitrotoluene
Concen: 48.578 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

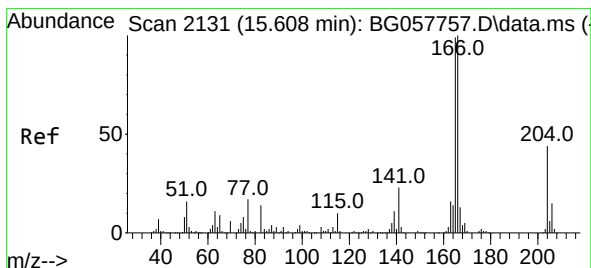
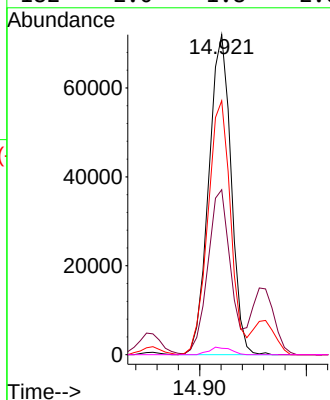
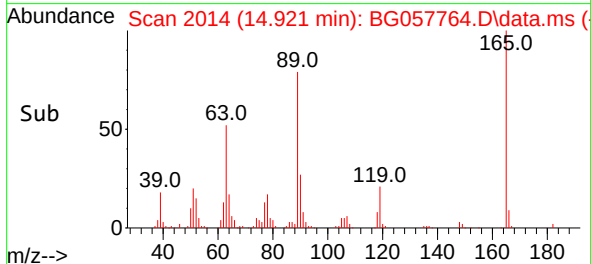


Tgt Ion:165 Resp: 104482
Ion Ratio Lower Upper
165 100
63 51.5 38.6 58.0
89 79.3 63.7 95.5
182 2.0 1.8 2.6

Manual Integrations

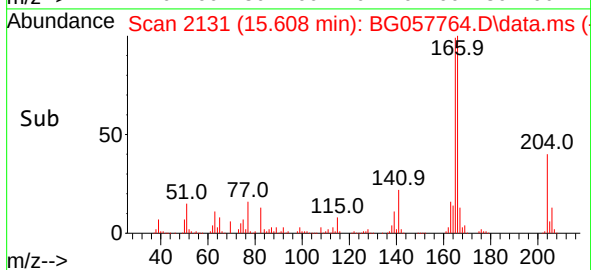
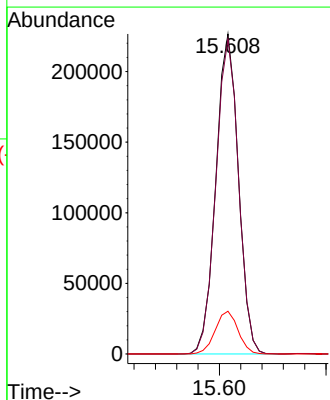
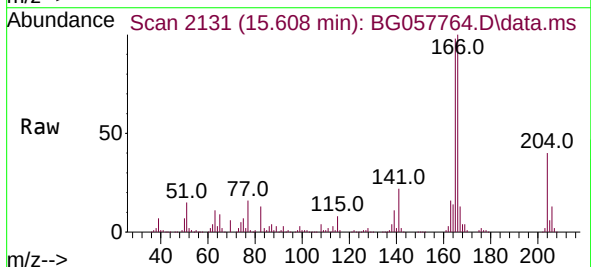
APPROVED

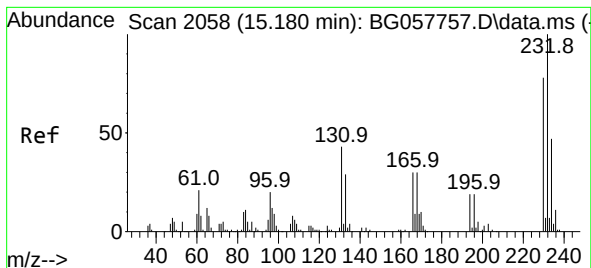
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#58
Fluorene
Concen: 41.522 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:166 Resp: 332196
Ion Ratio Lower Upper
166 100
165 98.4 79.5 119.3
167 13.4 10.6 16.0





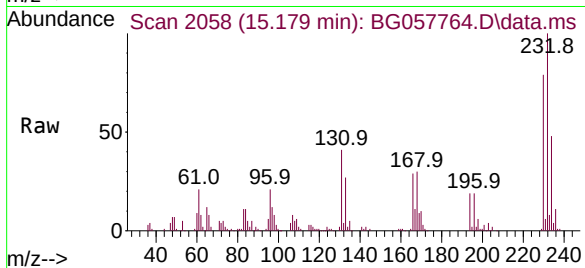
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.530 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

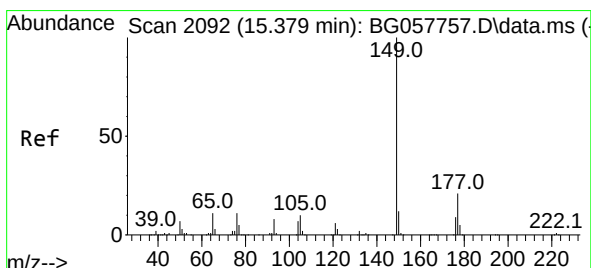
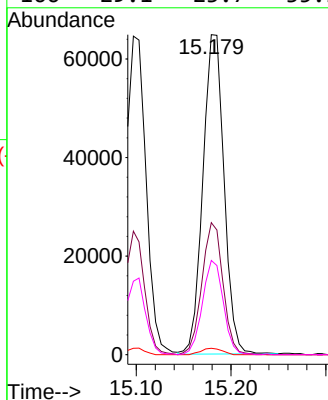
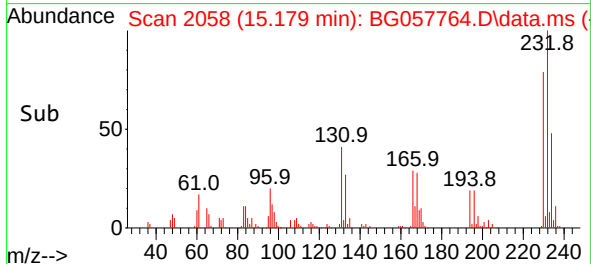


Tgt Ion:232 Resp: 100679
Ion Ratio Lower Upper
232 100
131 41.2 31.9 47.9
130 2.0 1.6 2.4
166 29.1 23.7 35.5

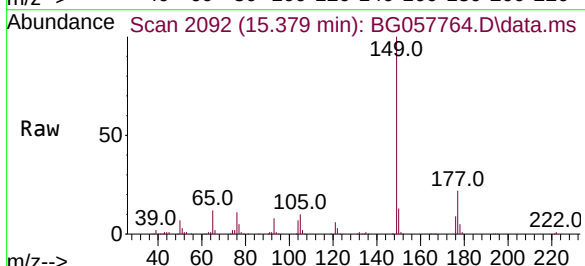
Manual Integrations

APPROVED

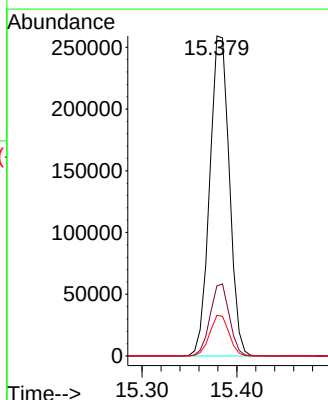
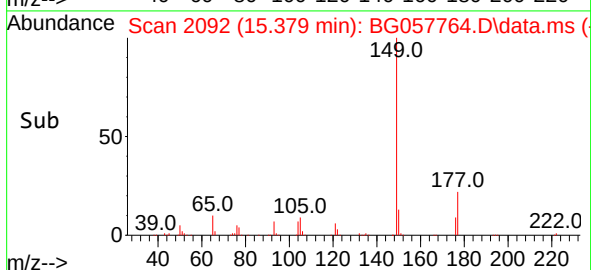
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

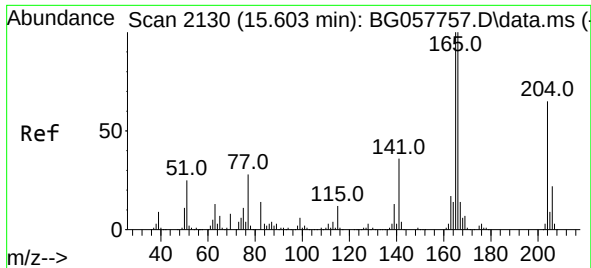


#60
Diethylphthalate
Concen: 42.100 ng
RT: 15.379 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:149 Resp: 372005
Ion Ratio Lower Upper
149 100
177 21.9 17.0 25.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.287 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

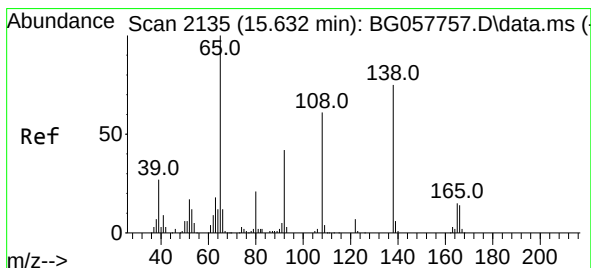
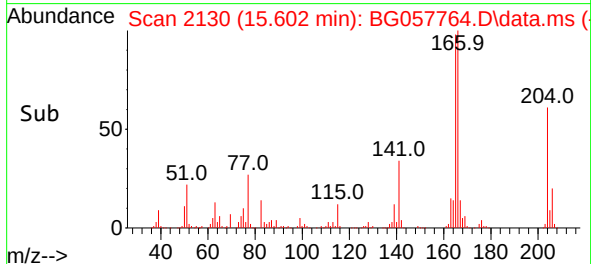
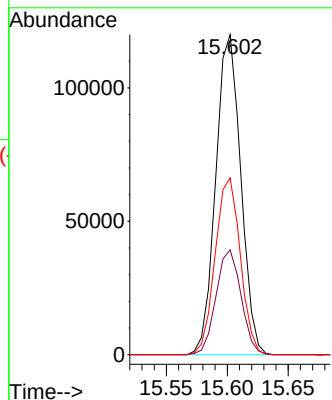
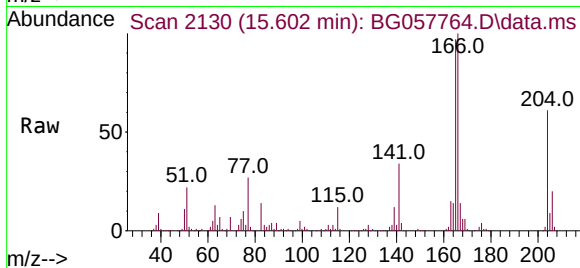
PB153461BS

Tgt Ion:204 Resp: 171378
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 55.3 44.3 66.5

Manual Integrations

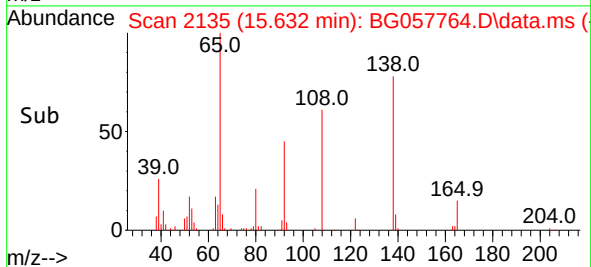
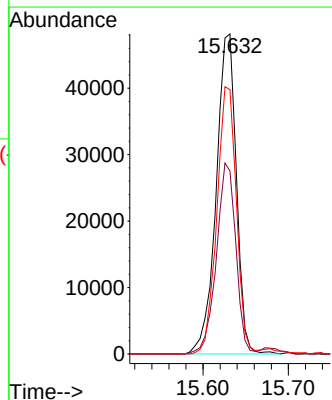
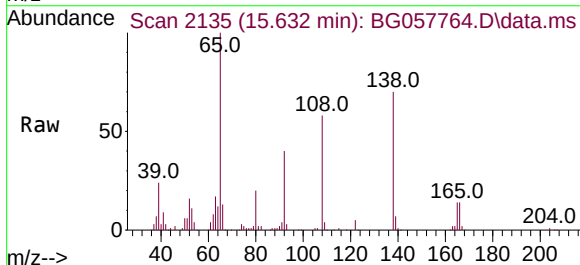
APPROVED

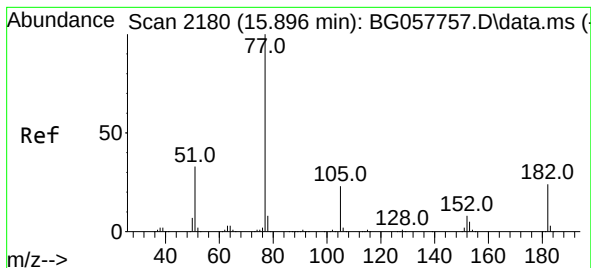
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 43.510 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:138 Resp: 79284
Ion Ratio Lower Upper
138 100
92 57.2 35.9 75.9
108 82.6 62.1 102.1





#63

Azobenzene

Concen: 41.456 ng

RT: 15.896 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BG057764.D

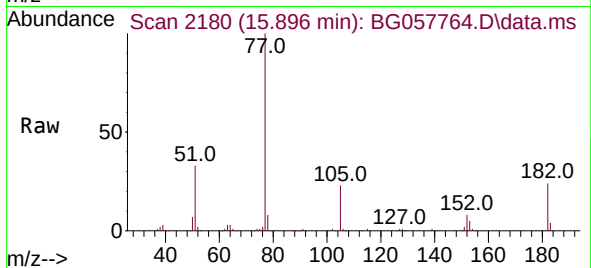
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS



Tgt Ion: 77 Resp: 374708

Ion Ratio Lower Upper

77 100

182 23.7 4.1 44.1

105 23.1 3.3 43.3

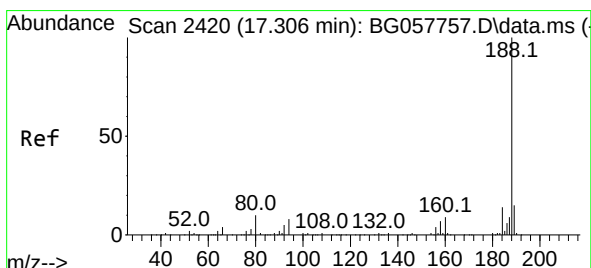
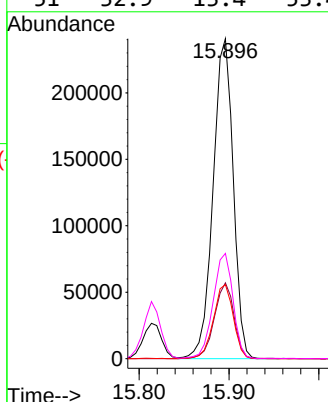
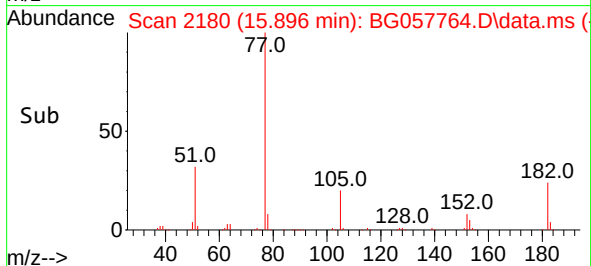
51 32.9 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

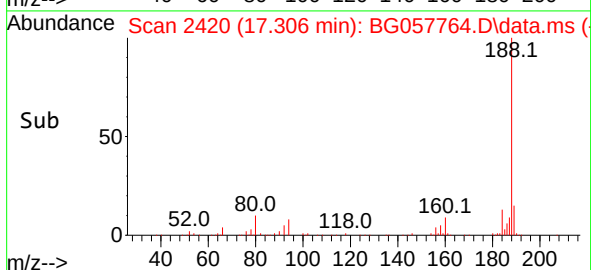
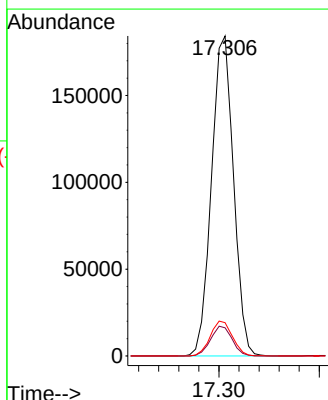
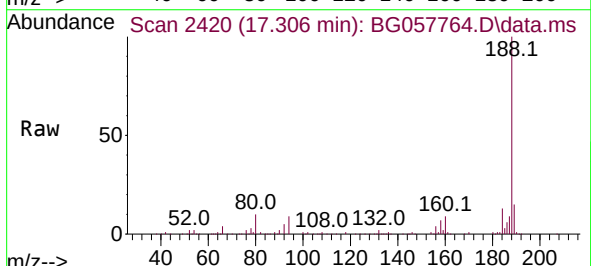
Tgt Ion:188 Resp: 280351

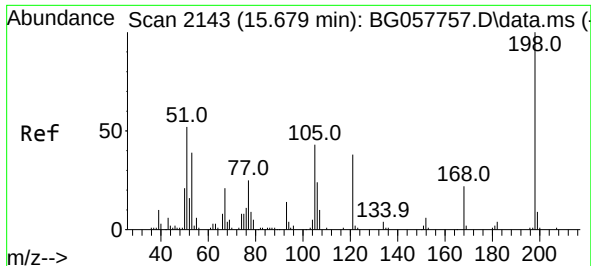
Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 10.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.050 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

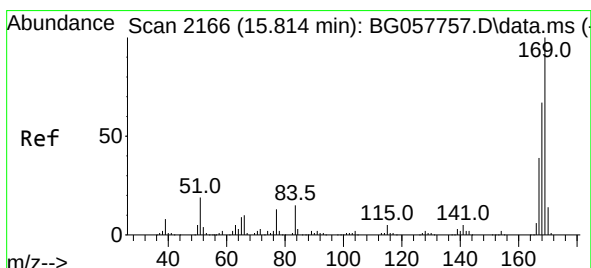
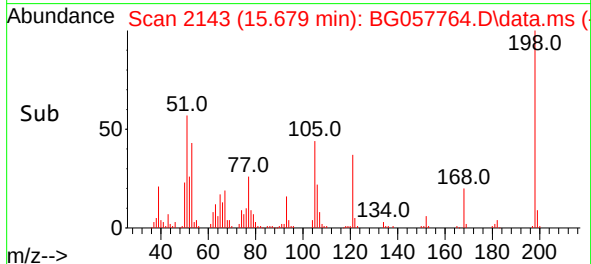
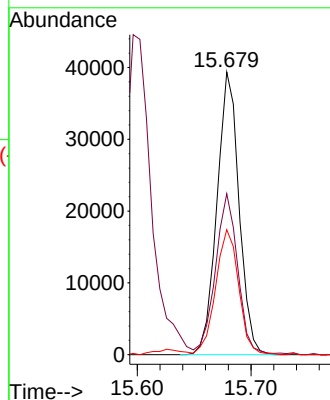
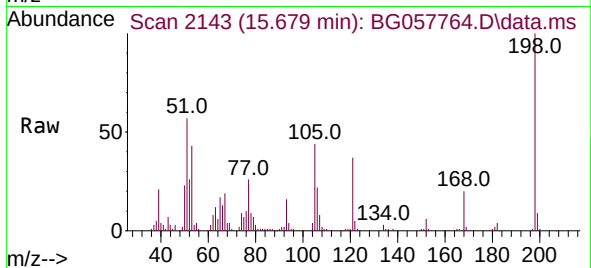
PB153461BS

Tgt Ion:198 Resp: 5320
Ion Ratio Lower Upper
198 100
51 56.9 36.6 76.6
105 44.2 24.3 64.3

Manual Integrations

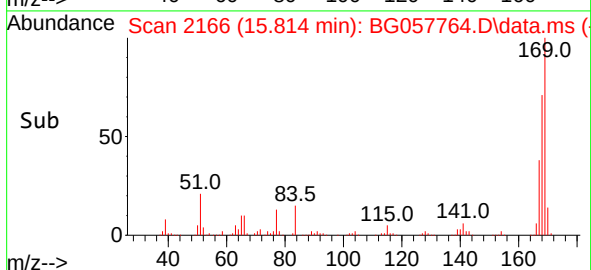
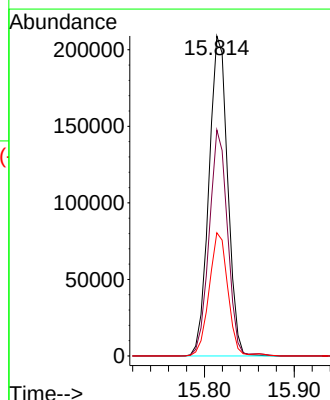
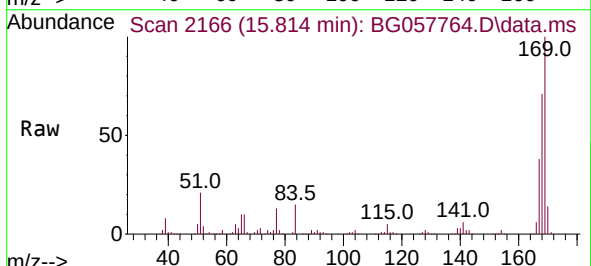
APPROVED

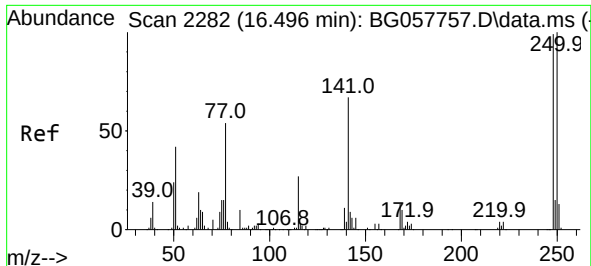
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 40.867 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:169 Resp: 302391
Ion Ratio Lower Upper
169 100
168 70.6 53.4 80.2
167 38.5 31.2 46.8





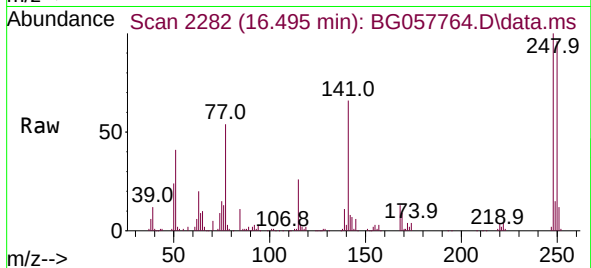
#67
4-Bromophenyl-phenylether
Concen: 39.814 ng
RT: 16.495 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

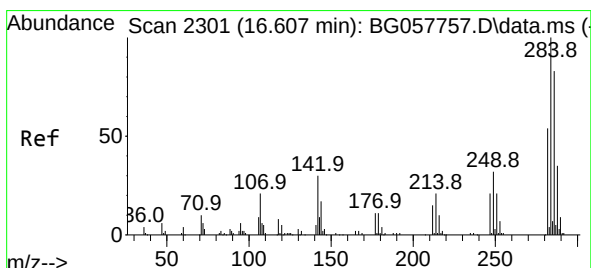
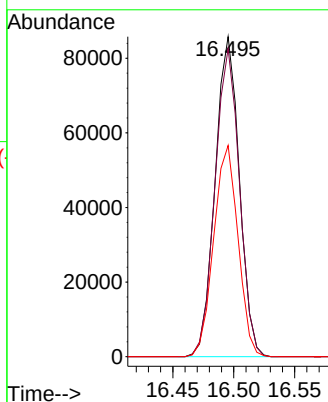
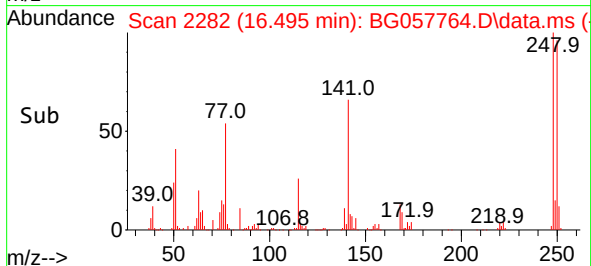


Tgt Ion:248 Resp: 118370
Ion Ratio Lower Upper
248 100
250 96.3 81.1 121.7
141 66.0 54.6 81.8

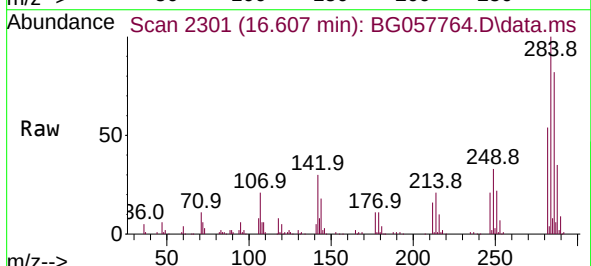
Manual Integrations

APPROVED

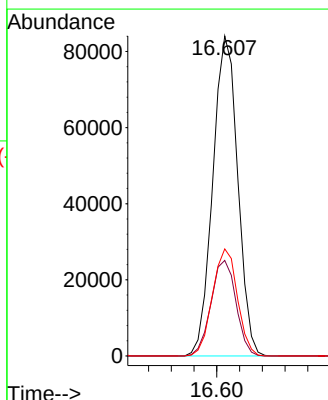
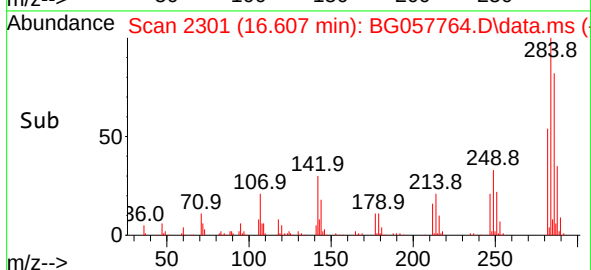
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

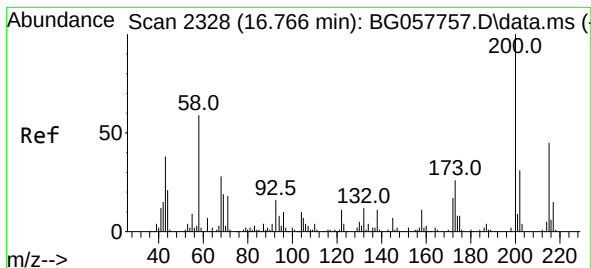


#68
Hexachlorobenzene
Concen: 42.200 ng
RT: 16.607 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:284 Resp: 127908
Ion Ratio Lower Upper
284 100
142 29.8 24.2 36.4
249 33.5 25.9 38.9





#69

Atrazine

Concen: 49.192 ng

RT: 16.766 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057764.D

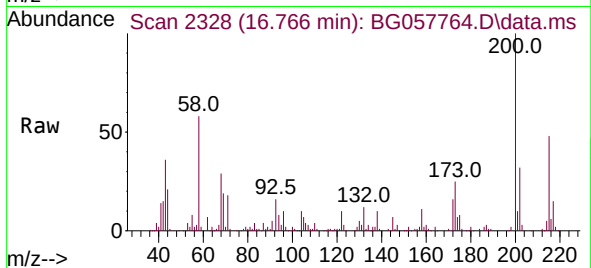
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS



Tgt Ion:200 Resp: 12494

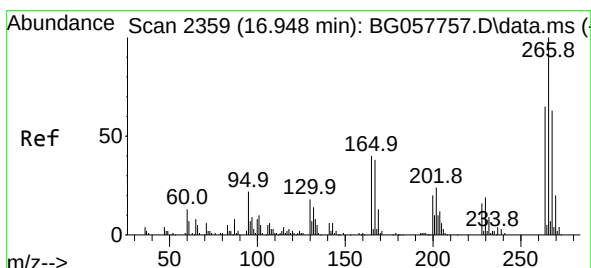
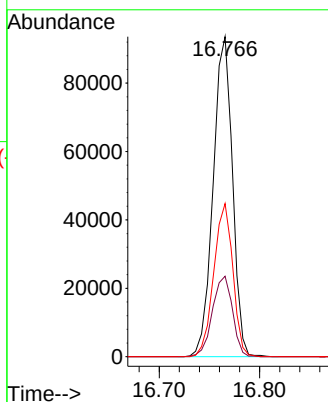
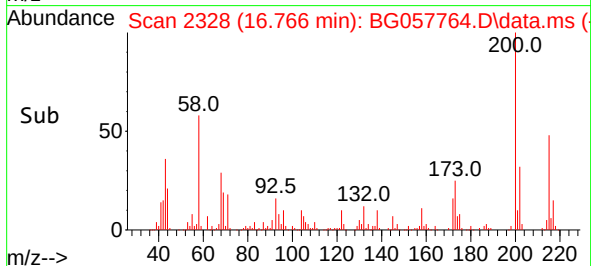
Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.6	45.6
215	47.8	24.6	64.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 75.975 ng

RT: 16.948 min Scan# 2359

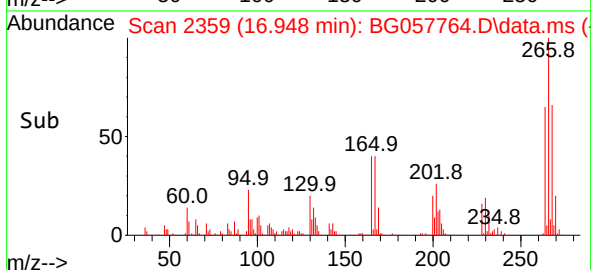
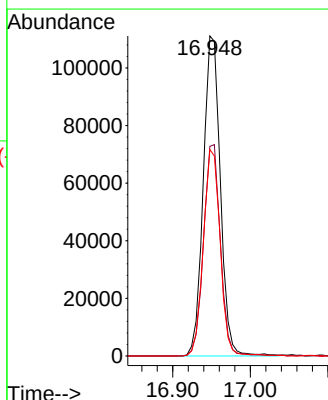
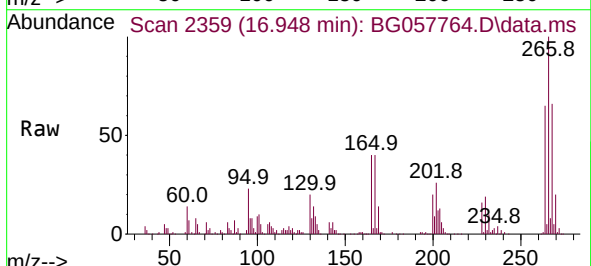
Delta R.T. -0.000 min

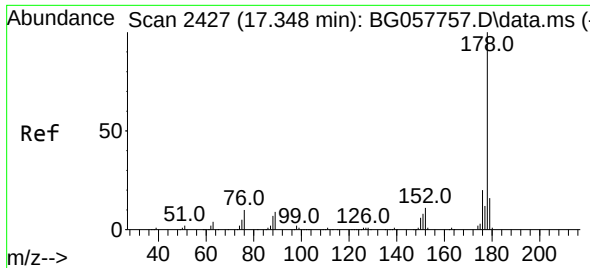
Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Tgt Ion:266 Resp: 170125

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.5	75.7
264	64.5	51.8	77.6





#71
Phenanthrene
Concen: 41.390 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

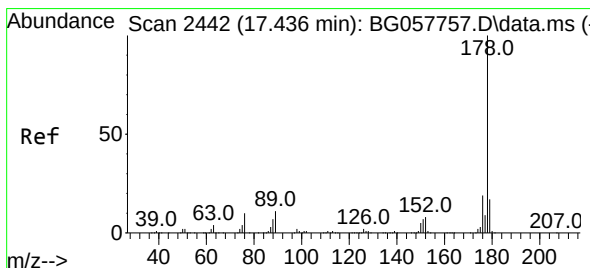
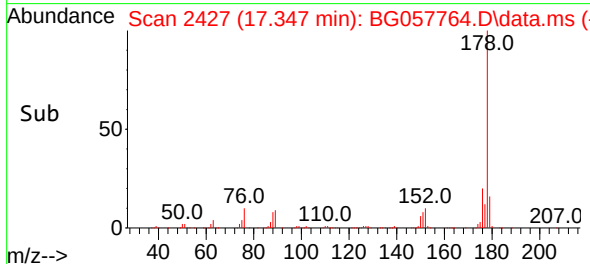
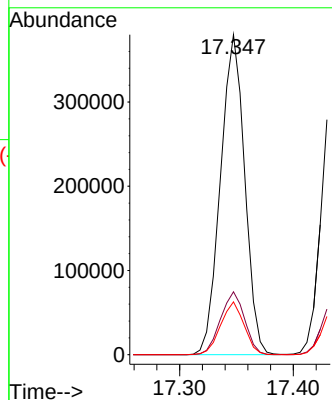
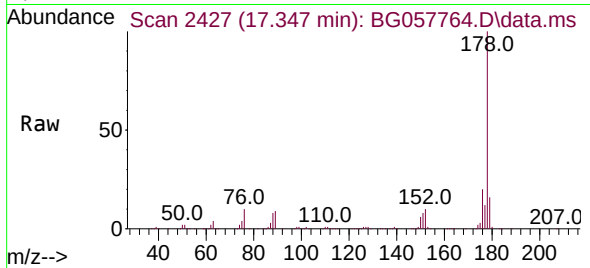
PB153461BS

Tgt Ion:178 Resp: 561829
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 16.5 13.0 19.6

Manual Integrations

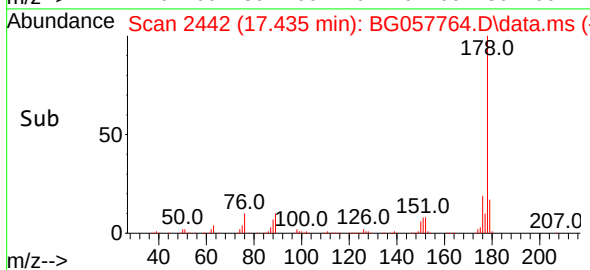
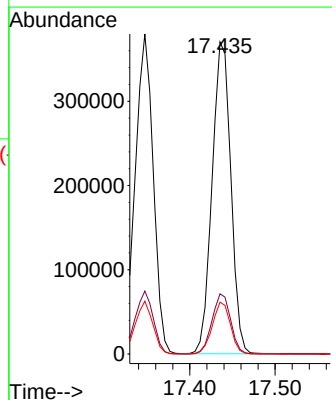
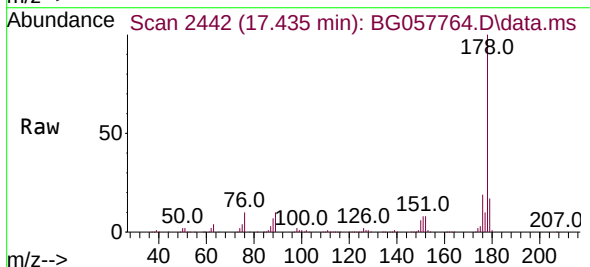
APPROVED

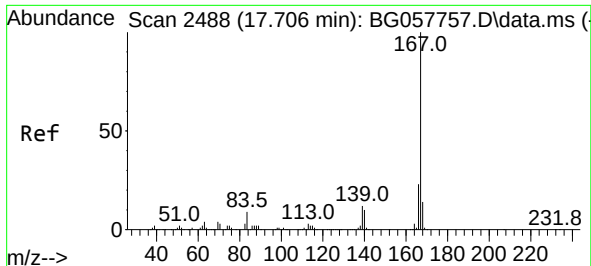
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#72
Anthracene
Concen: 40.842 ng
RT: 17.435 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

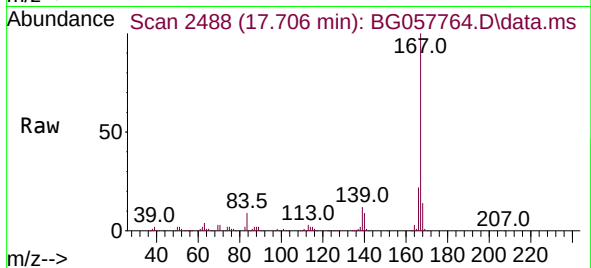
Tgt Ion:178 Resp: 566112
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.6 13.3 19.9





#73
 Carbazole
 Concen: 42.054 ng
 RT: 17.706 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BG057764.D
 Acq: 19 Jun 2023 21:05

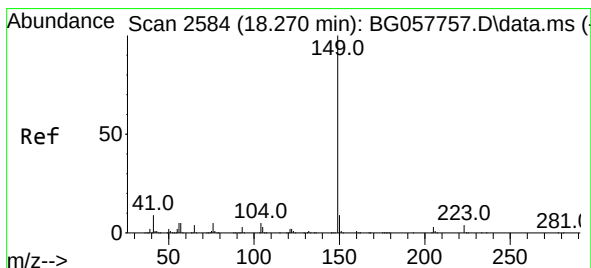
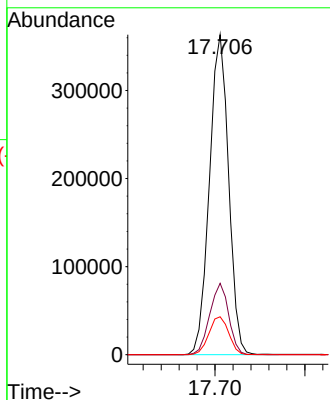
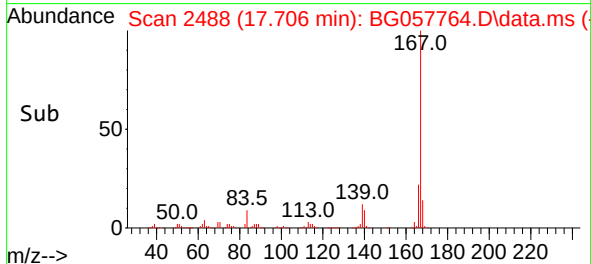
Instrument :
 BNA_G
 ClientSampleId :
 PB153461BS



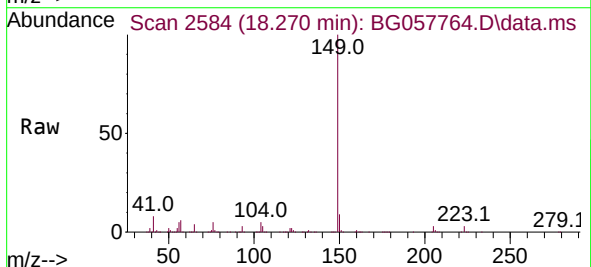
Tgt Ion:167 Resp: 537460
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 11.8 9.9 14.9

Manual Integrations
 APPROVED

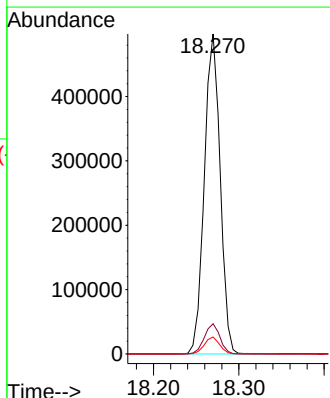
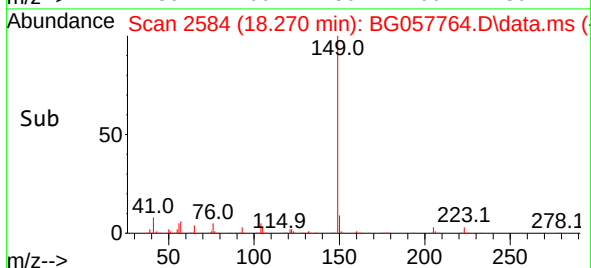
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

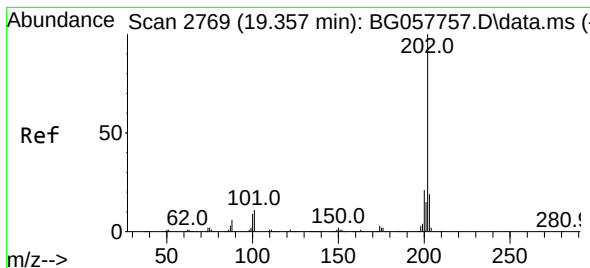


#74
 Di-n-butylphthalate
 Concen: 42.362 ng
 RT: 18.270 min Scan# 2584
 Delta R.T. -0.000 min
 Lab File: BG057764.D
 Acq: 19 Jun 2023 21:05



Tgt Ion:149 Resp: 641040
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 40.774 ng

RT: 19.357 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

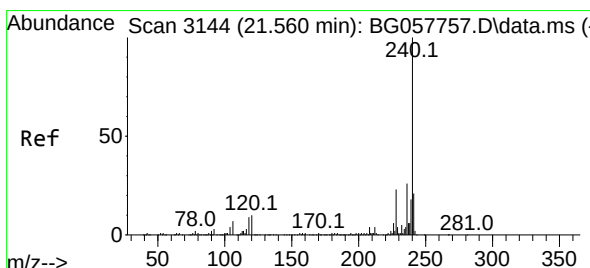
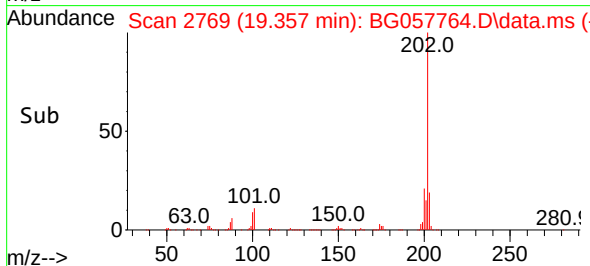
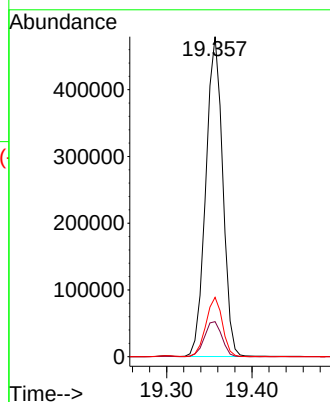
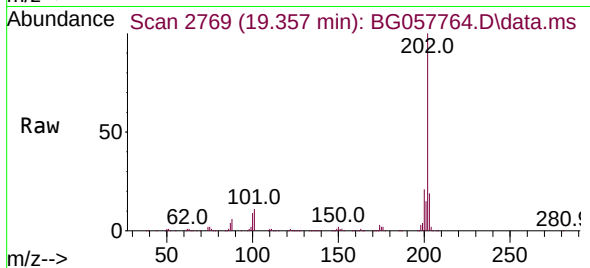
Tgt Ion:	202	Resp:	65935
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.3
203	18.6	0.0	38.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#76

Chrysene-d12

Concen: 20.000 ng

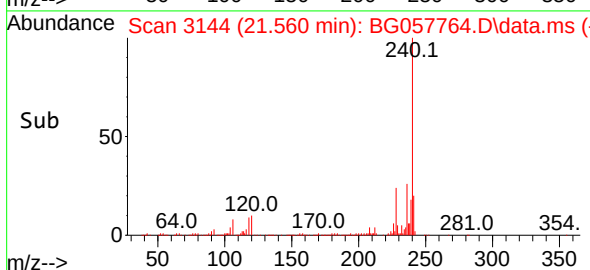
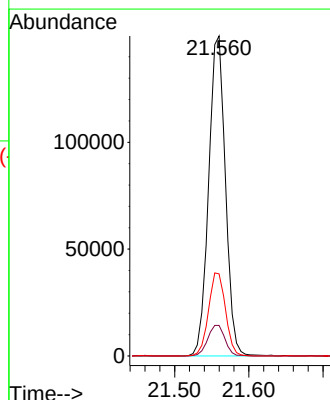
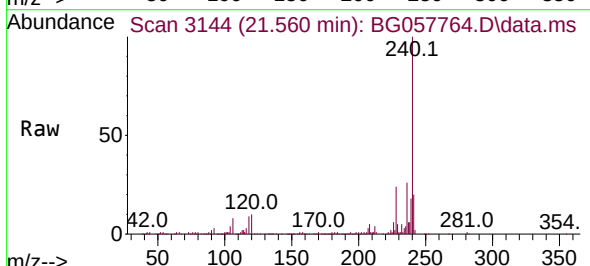
RT: 21.560 min Scan# 3144

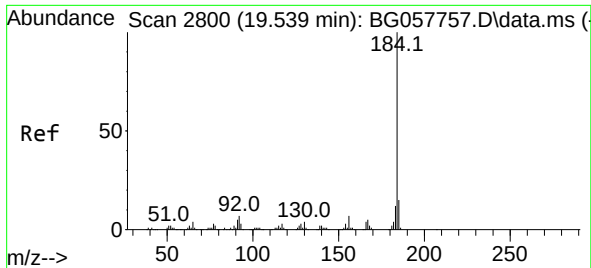
Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

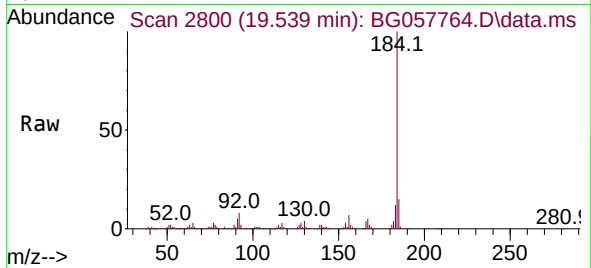
Tgt Ion:	240	Resp:	235266
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.1	12.1
236	25.7	20.6	30.8





#77
Benzidine
Concen: 56.140 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

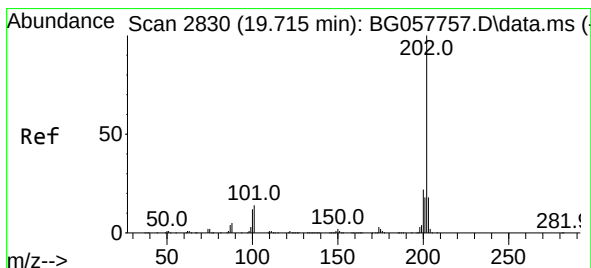
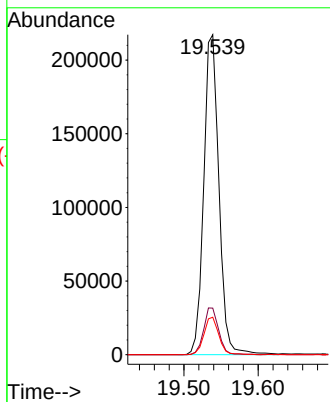
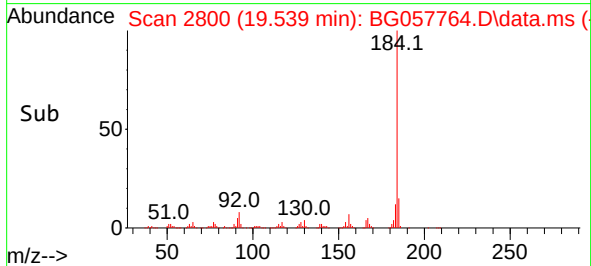
Instrument :
BNA_G
ClientSampleId :
PB153461BS



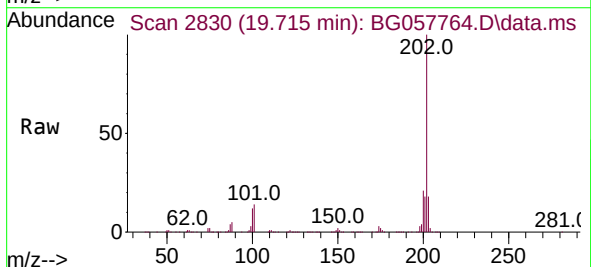
Tgt Ion:184 Resp: 309600
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.7 9.4 14.0

Manual Integrations
APPROVED

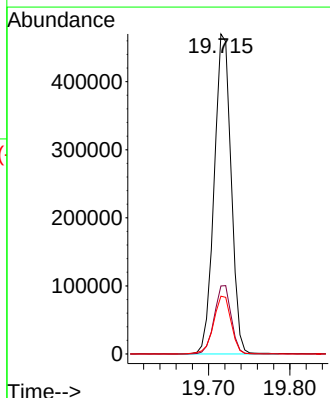
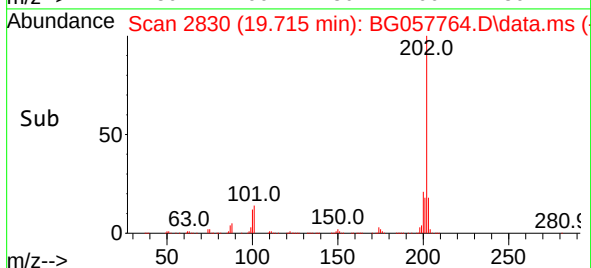
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

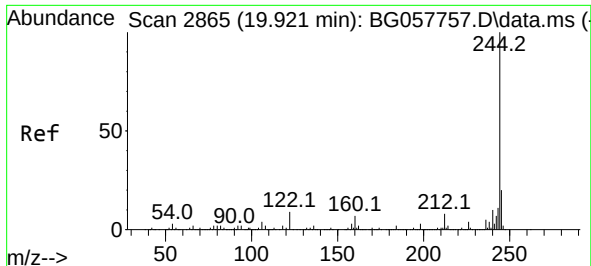


#78
Pyrene
Concen: 40.484 ng
RT: 19.715 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



Tgt Ion:202 Resp: 679424
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.0
203 18.0 14.6 22.0





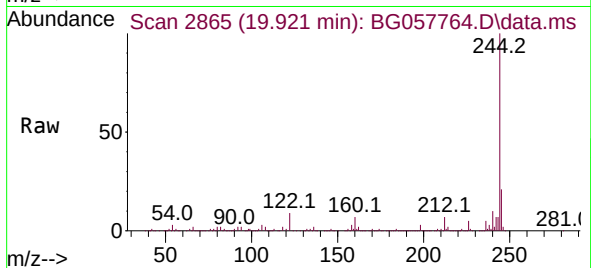
#79
 Terphenyl-d14
 Concen: 82.409 ng
 RT: 19.921 min Scan# 2865
 Delta R.T. -0.000 min
 Lab File: BG057764.D
 Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS



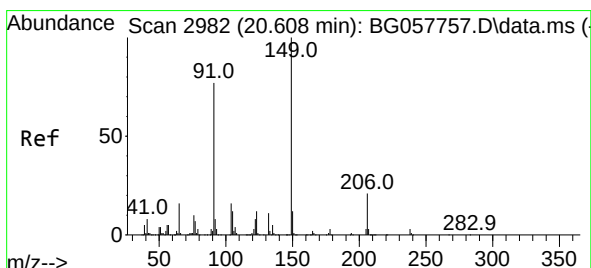
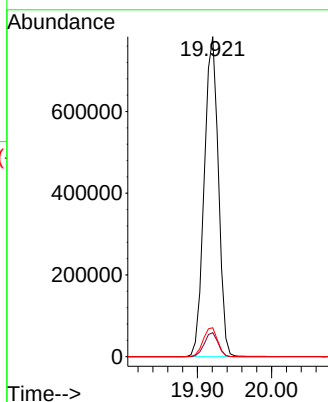
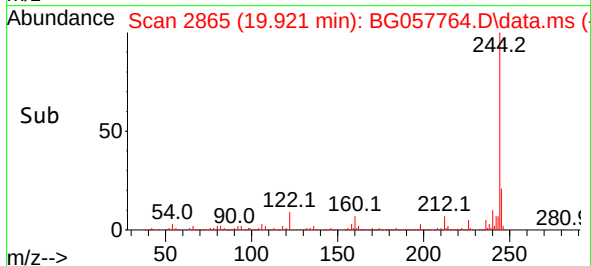
Tgt Ion:244 Resp: 103975
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.0 7.6 11.4

Manual Integrations

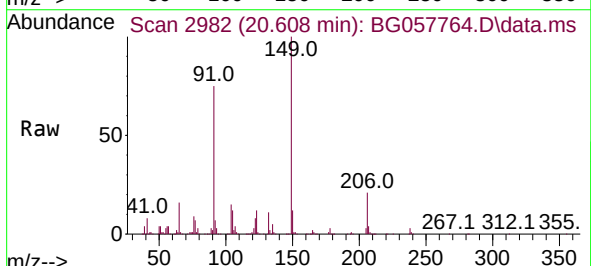
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

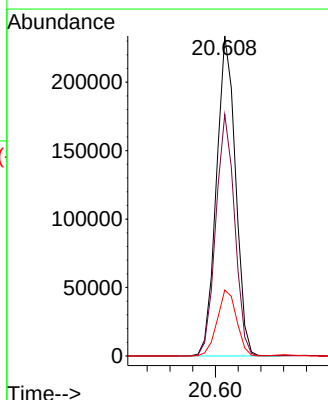
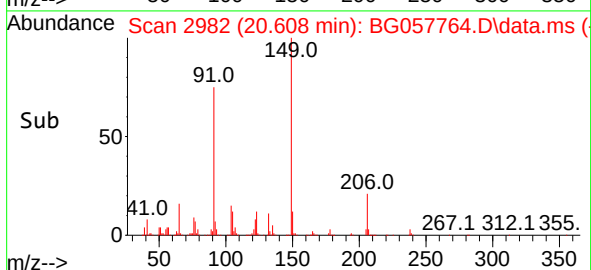
Supervised By :mohammad ahmed 06/20/2023

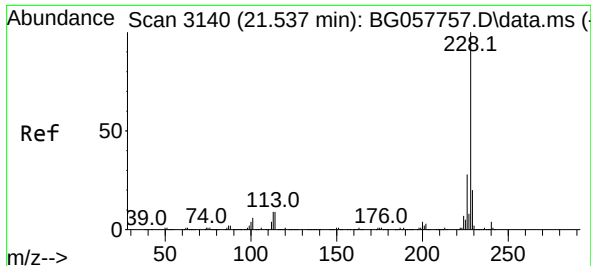


#80
 Butylbenzylphthalate
 Concen: 42.782 ng
 RT: 20.608 min Scan# 2982
 Delta R.T. -0.000 min
 Lab File: BG057764.D
 Acq: 19 Jun 2023 21:05



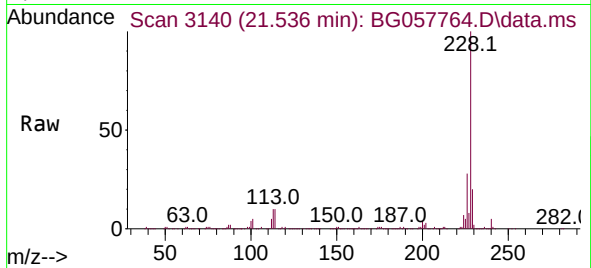
Tgt Ion:149 Resp: 273128
 Ion Ratio Lower Upper
 149 100
 91 75.5 61.7 92.5
 206 20.6 16.6 24.8





#81
Benzo(a)anthracene
Concen: 41.346 ng
RT: 21.536 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

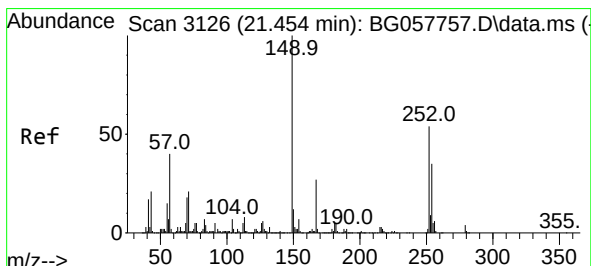
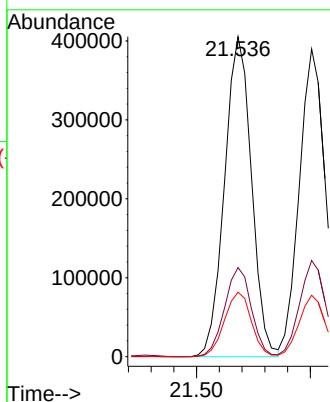
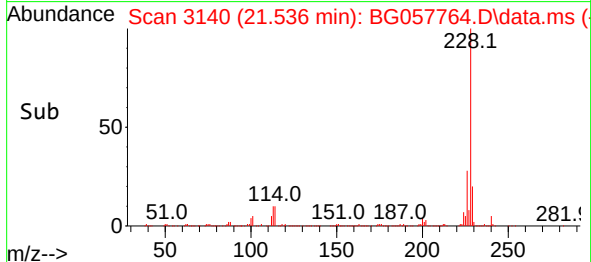
Instrument :
BNA_G
ClientSampleId :
PB153461BS



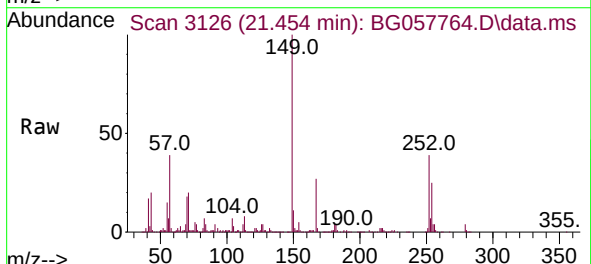
Tgt Ion:228 Resp: 667380
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.2 16.3 24.5

Manual Integrations
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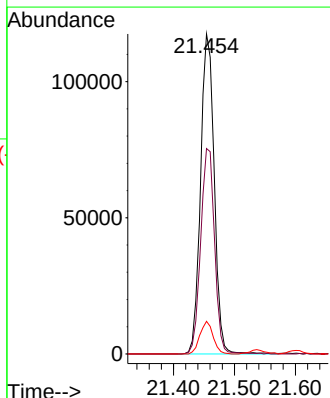
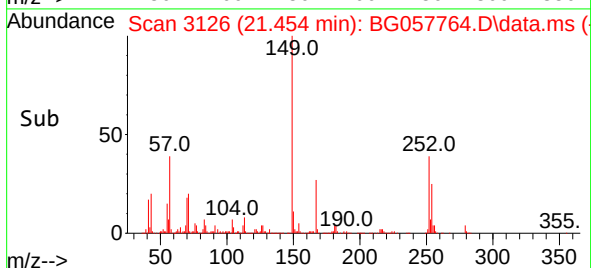
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

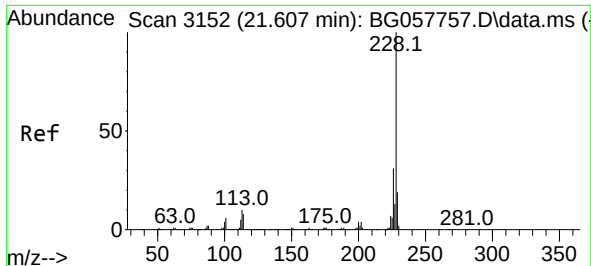


#82
3,3'-Dichlorobenzidine
Concen: 33.387 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05



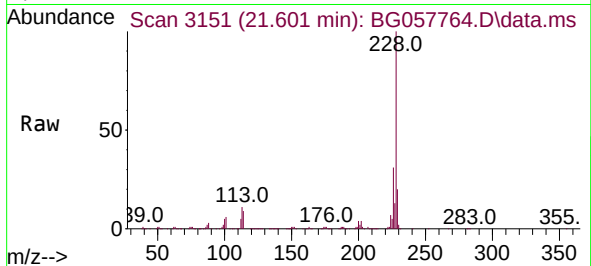
Tgt Ion:252 Resp: 183297
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 10.2 7.0 10.6





#83
Chrysene
Concen: 39.647 ng
RT: 21.601 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

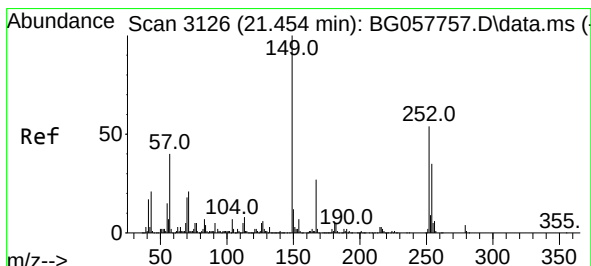
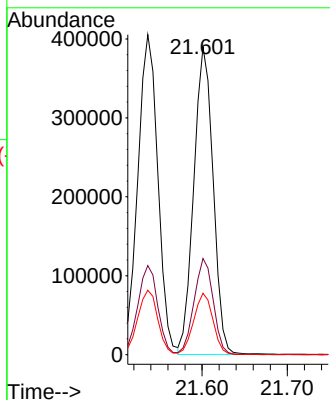
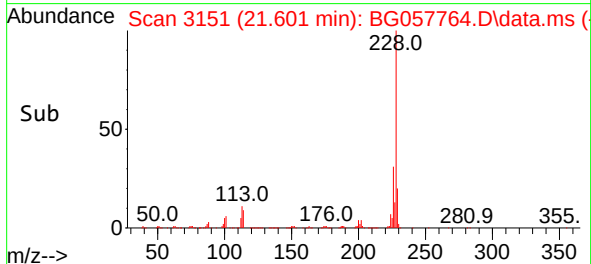
Instrument :
BNA_G
ClientSampleId :
PB153461BS



Tgt Ion:228 Resp: 61415
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 20.0 15.6 23.4

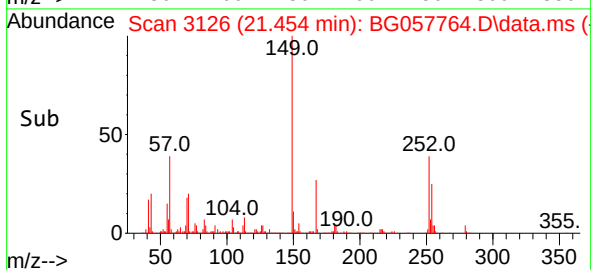
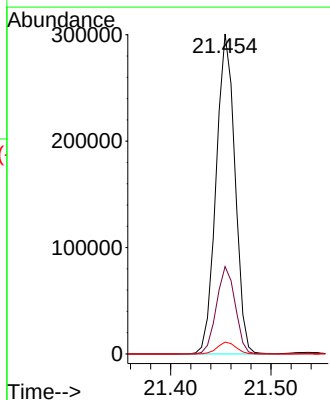
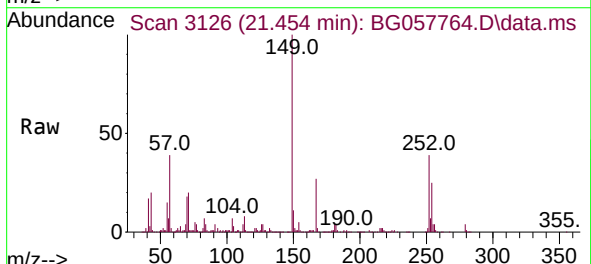
Manual Integrations
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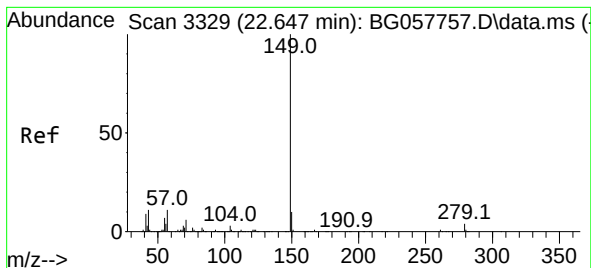
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.361 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:149 Resp: 392653
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.320 ng

RT: 22.647 min Scan# 3329

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Tgt Ion:149 Resp: 70429

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

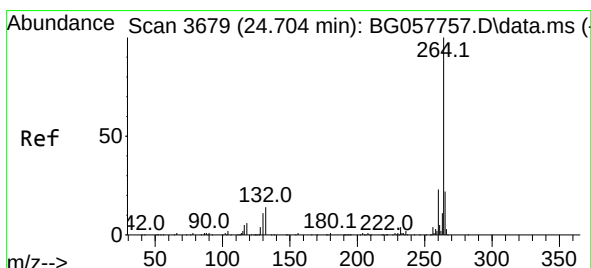
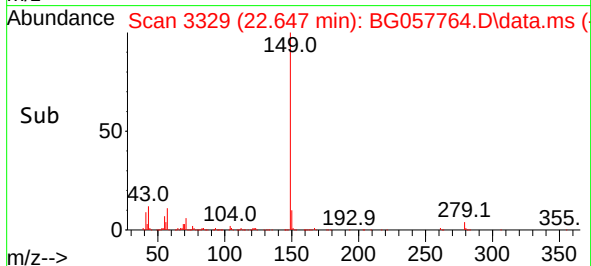
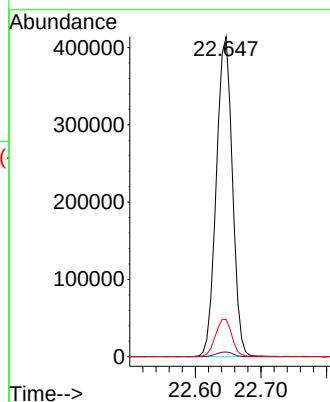
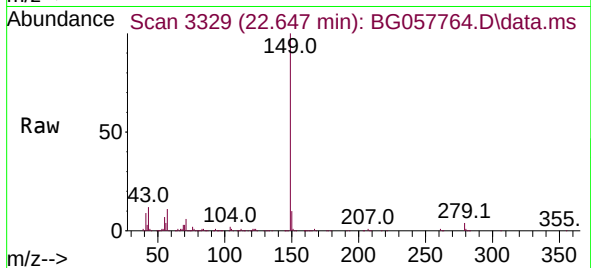
43 12.1 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.703 min Scan# 3679

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

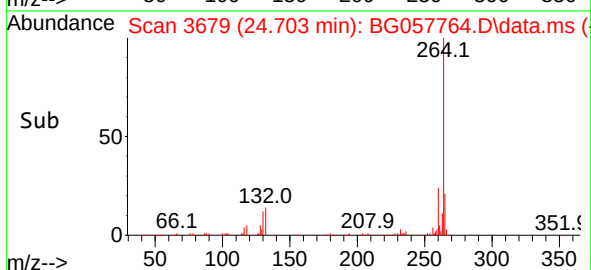
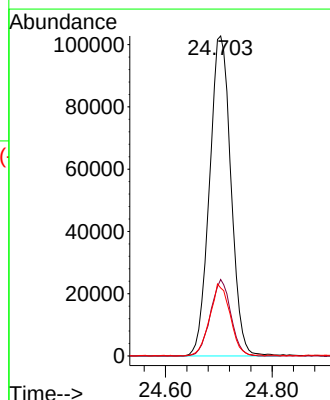
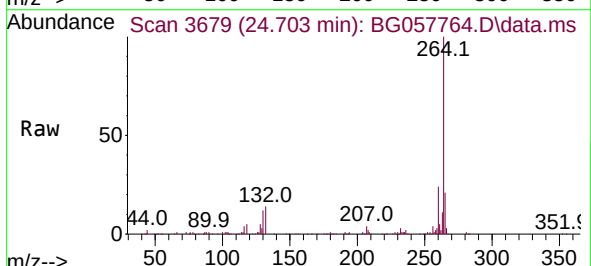
Tgt Ion:264 Resp: 286691

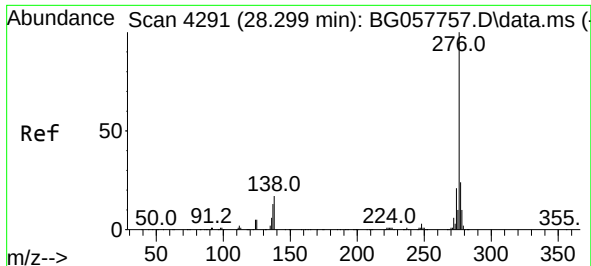
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

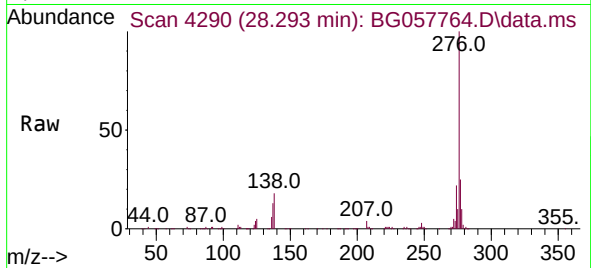
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.796 ng
RT: 28.293 min Scan# 4291
Delta R.T. -0.006 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

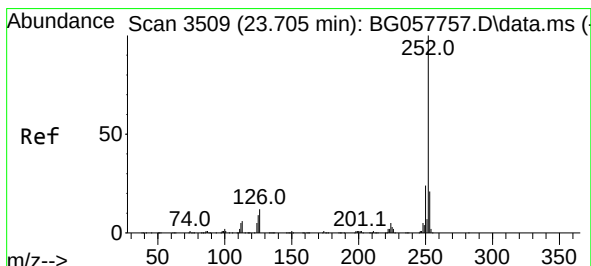
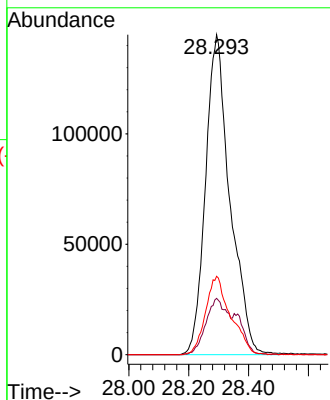
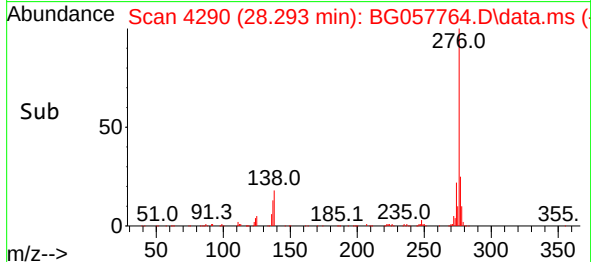
Instrument :
BNA_G
ClientSampleId :
PB153461BS



Tgt Ion:276 Resp: 820915
Ion Ratio Lower Upper
276 100
138 15.3 11.3 16.9
277 25.1 20.4 30.6

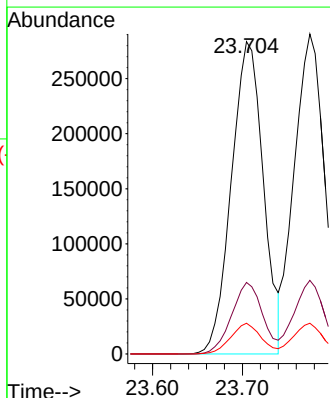
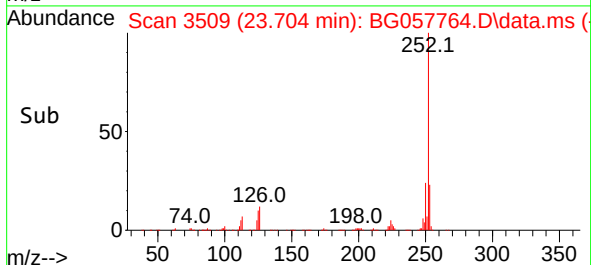
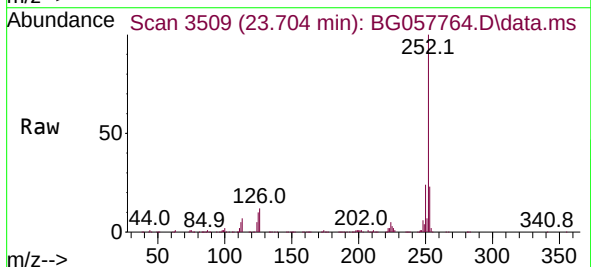
Manual Integrations
APPROVED

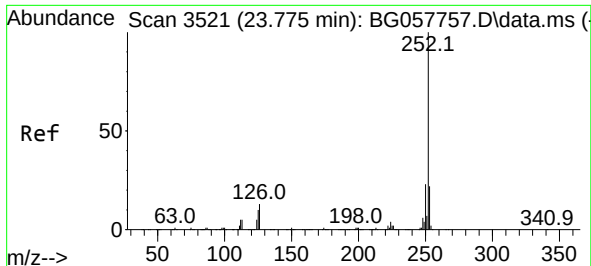
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#88
Benzo(b)fluoranthene
Concen: 44.688 ng
RT: 23.704 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

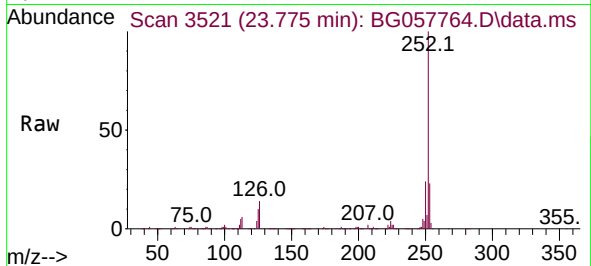
Tgt Ion:252 Resp: 702067
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 9.8 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 42.429 ng
RT: 23.775 min Scan# 3521
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

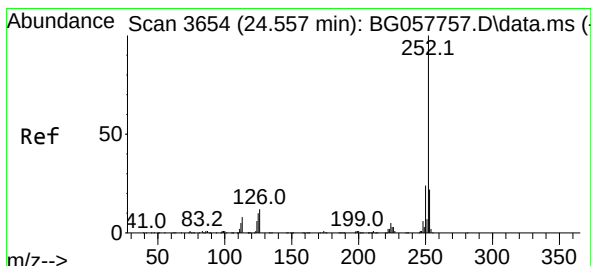
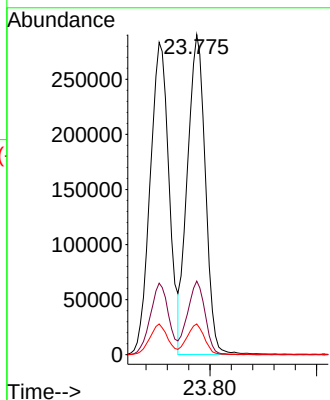
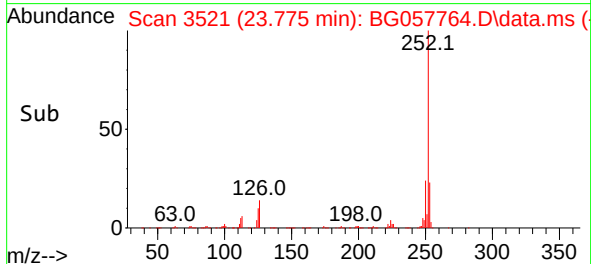
Instrument :
BNA_G
ClientSampleId :
PB153461BS



Tgt Ion:252 Resp: 67888
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 9.6 7.6 11.4

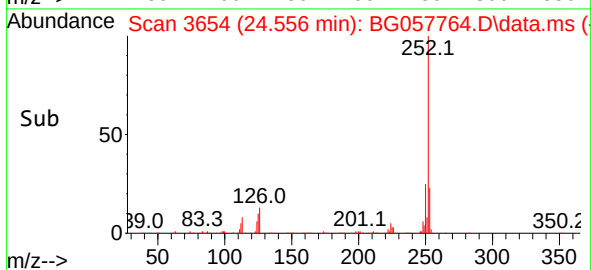
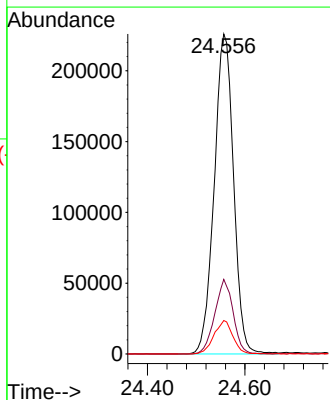
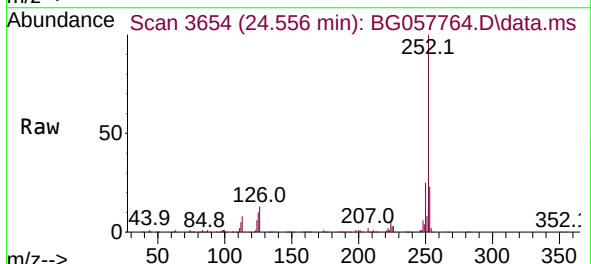
Manual Integrations
APPROVED

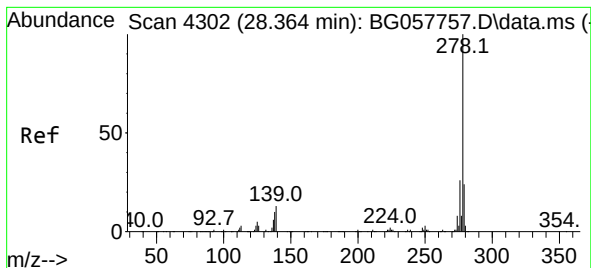
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#90
Benzo(a)pyrene
Concen: 40.359 ng
RT: 24.556 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BG057764.D
Acq: 19 Jun 2023 21:05

Tgt Ion:252 Resp: 622701
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 10.5 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 43.620 ng

RT: 28.364 min Scan# 41

Delta R.T. -0.000 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Instrument :

BNA_G

ClientSampleId :

PB153461BS

Tgt Ion:278 Resp: 67839

Ion Ratio Lower Upper

278 100

139 12.9 10.8 16.2

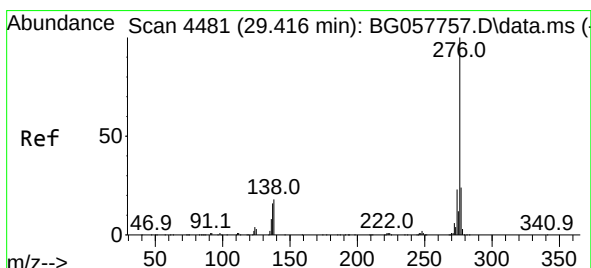
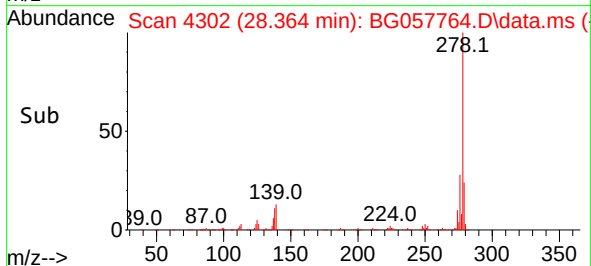
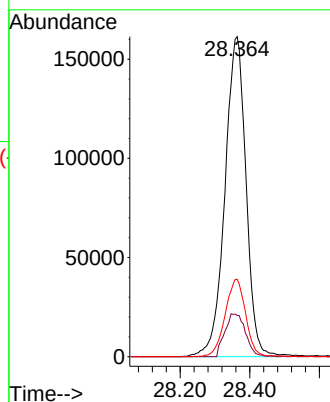
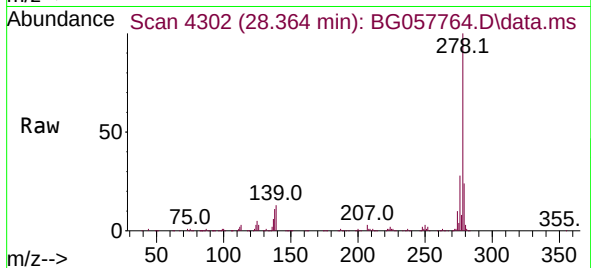
279 24.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 42.979 ng

RT: 29.421 min Scan# 4482

Delta R.T. 0.006 min

Lab File: BG057764.D

Acq: 19 Jun 2023 21:05

Tgt Ion:276 Resp: 669283

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 17.9 14.2 21.4

