

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057765.D
 Acq On : 19 Jun 2023 21:47
 Operator : CG/JU
 Sample : PB153322BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153322BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 04:03:48 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	32572	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	147041	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	107571	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	254445	20.000	ng	0.00
76) Chrysene-d12	21.560	240	213078	20.000	ng	0.00
86) Perylene-d12	24.704	264	268481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	333444	157.847	ng	0.00
7) Phenol-d6	7.089	99	468809	145.445	ng	0.00
23) Nitrobenzene-d5	9.092	82	268842	93.837	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	202104	134.875	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	621506	87.632	ng	0.00
79) Terphenyl-d14	19.921	244	1060296	92.788	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	44342	46.113	ng	97
3) Pyridine	3.793	79	105853	36.143	ng	98
4) n-Nitrosodimethylamine	3.716	42	62180	46.465	ng	96
6) Aniline	7.253	93	178764	43.314	ng	99
8) 2-Chlorophenol	7.494	128	116540	53.626	ng	99
9) Benzaldehyde	7.065	77	59197m	29.208	ng	
10) Phenol	7.118	94	170743	53.800	ng	97
11) bis(2-Chloroethyl)ether	7.347	93	113445	46.493	ng	97
12) 1,3-Dichlorobenzene	7.817	146	111424	50.381	ng	96
13) 1,4-Dichlorobenzene	7.964	146	111191	49.618	ng	95
14) 1,2-Dichlorobenzene	8.282	146	109806	50.640	ng	96
15) Benzyl Alcohol	8.164	79	121150	49.155	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	221350	47.223	ng	99
17) 2-Methylphenol	8.364	107	116613	49.958	ng	96
18) Hexachloroethane	9.010	117	40128	50.783	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	100894	44.898	ng	99
20) 3+4-Methylphenols	8.693	107	159437	49.449	ng	98
22) Acetophenone	8.752	105	192086	46.585	ng	# 98
24) Nitrobenzene	9.134	77	140247	47.035	ng	97
25) Isophorone	9.651	82	286634	43.791	ng	100
26) 2-Nitrophenol	9.839	139	54969	57.946	ng	95
27) 2,4-Dimethylphenol	9.897	122	122856	52.310	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	167691	47.573	ng	98
29) 2,4-Dichlorophenol	10.373	162	116786	52.363	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	119402	48.029	ng	98
31) Naphthalene	10.785	128	359195	45.898	ng	99
32) Benzoic acid	10.038	122	91760m	53.066	ng	
33) 4-Chloroaniline	10.884	127	133288	36.758	ng	99
34) Hexachlorobutadiene	11.067	225	71948	47.437	ng	99
35) Caprolactam	11.654	113	43029m	47.544	ng	
36) 4-Chloro-3-methylphenol	12.007	107	146598	50.329	ng	99
37) 2-Methylnaphthalene	12.389	142	251687	44.122	ng	98
38) 1-Methylnaphthalene	12.606	142	239539	44.485	ng	98
40) 1,2,4,5-Tetrachloroben...	12.753	216	136104	45.639	ng	98
41) Hexachlorocyclopentadiene	12.735	237	178537	112.767	ng	99
43) 2,4,6-Trichlorophenol	12.988	196	106904	50.065	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	116813	46.931	ng	96
46) 1,1'-Biphenyl	13.399	154	338847	45.876	ng	99
47) 2-Chloronaphthalene	13.440	162	262176	46.203	ng	99
48) 2-Nitroaniline	13.640	65	102210	50.687	ng	98
49) Acenaphthylene	14.286	152	434316	44.592	ng	99
50) Dimethylphthalate	14.016	163	363259	43.967	ng	99
51) 2,6-Dinitrotoluene	14.134	165	77382	50.861	ng	95
52) Acenaphthene	14.627	154	299573m	49.684	ng	
53) 3-Nitroaniline	14.463	138	69019	40.254	ng	96
54) 2,4-Dinitrophenol	14.668	184	79432	96.882	ng	95
55) Dibenzofuran	14.962	168	426031	43.943	ng	99
56) 4-Nitrophenol	14.768	139	141364	103.745	ng	98
57) 2,4-Dinitrotoluene	14.921	165	107797	52.247	ng	98
58) Fluorene	15.608	166	337772	44.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.179	232	103113	48.611	ng	99
60) Diethylphthalate	15.385	149	373224	44.032	ng	97
61) 4-Chlorophenyl-phenyle...	15.602	204	179332	43.947	ng	99
62) 4-Nitroaniline	15.626	138	79342	45.391	ng	96
63) Azobenzene	15.896	77	376815	43.460	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	55607	47.620	ng	98
66) n-Nitrosodiphenylamine	15.814	169	301211	44.853	ng	98
67) 4-Bromophenyl-phenylether	16.496	248	120839	44.781	ng	97
68) Hexachlorobenzene	16.607	284	133390	48.489	ng	98
69) Atrazine	16.760	200	122694	53.223	ng	96
70) Pentachlorophenol	16.948	266	177915	87.543	ng	99
71) Phenanthrene	17.347	178	558036	45.296	ng	99
72) Anthracene	17.436	178	564179	44.847	ng	99
73) Carbazole	17.706	167	534382	46.071	ng	99
74) Di-n-butylphthalate	18.270	149	638641	46.500	ng	100
75) Fluoranthene	19.357	202	666749	45.430	ng	99
77) Benzidine	19.539	184	462200	92.537	ng	99
78) Pyrene	19.715	202	679938	44.733	ng	100
80) Butylbenzylphthalate	20.608	149	276388	47.800	ng	98
81) Benzo(a)anthracene	21.537	228	676778	46.294	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	223140	44.877	ng	99
83) Chrysene	21.601	228	628406	44.791	ng	99
84) Bis(2-ethylhexyl)phtha...	21.454	149	391557	46.641	ng	100
85) Di-n-octyl phthalate	22.647	149	725608	49.278	ng	99
87) Indeno(1,2,3-cd)pyrene	28.299	276	842806	48.013	ng	99
88) Benzo(b)fluoranthene	23.705	252	722001	49.074	ng	99
89) Benzo(k)fluoranthene	23.775	252	698993	46.649	ng	99
90) Benzo(a)pyrene	24.557	252	636747	44.068	ng	99
91) Dibenzo(a,h)anthracene	28.358	278	700115	48.070	ng	99
92) Benzo(g,h,i)perylene	29.422	276	689518	47.281	ng	98

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

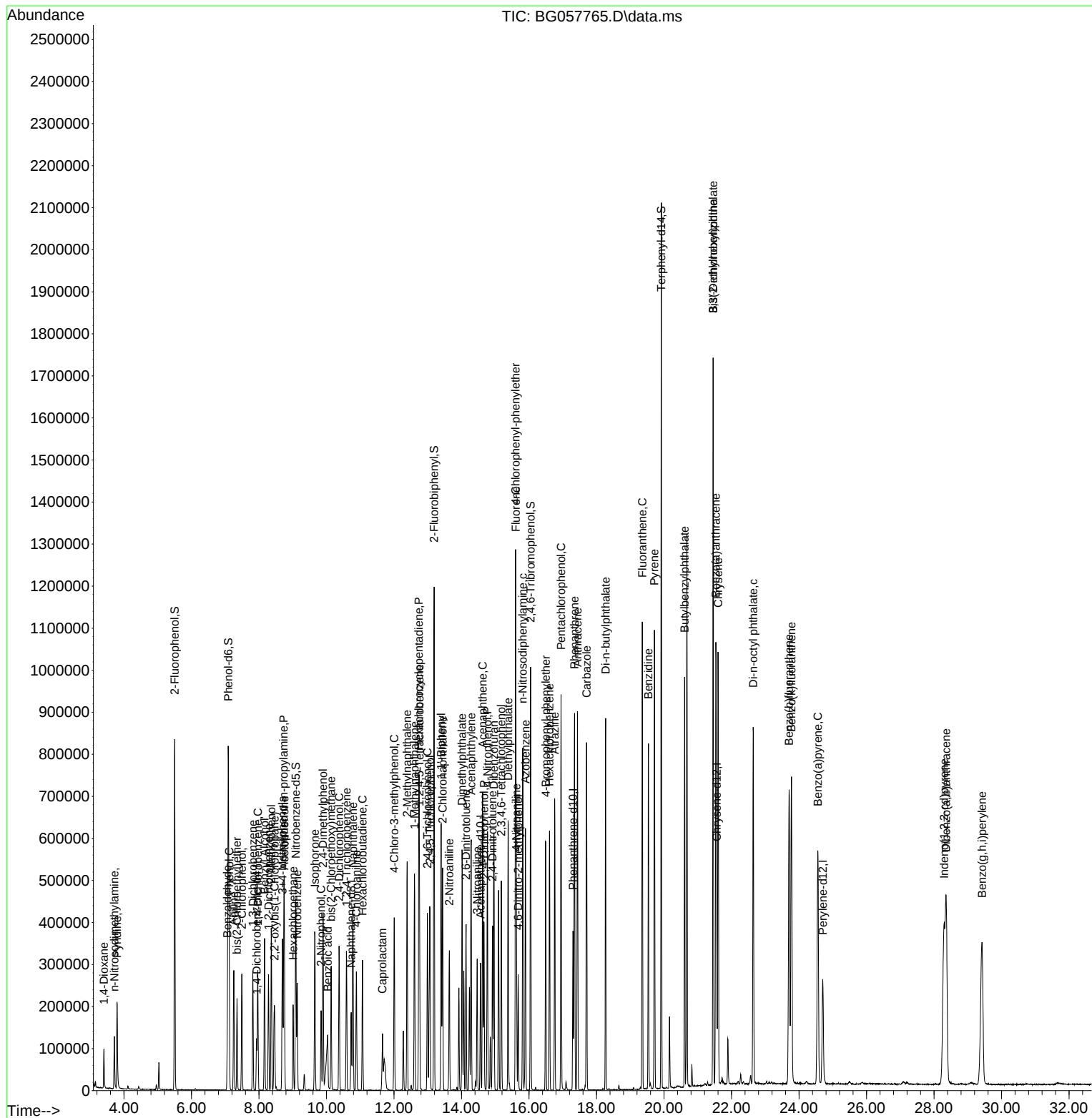
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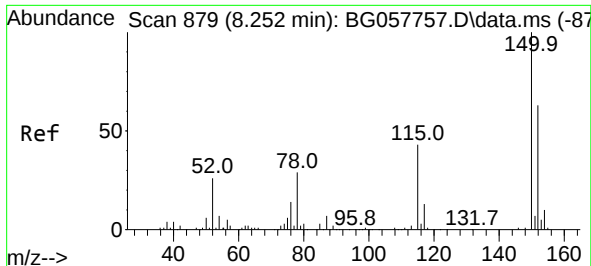
Instrument :
 BNA_G
 ClientSampleId :
 PB153322BS

Manual Integrations APPROVED

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

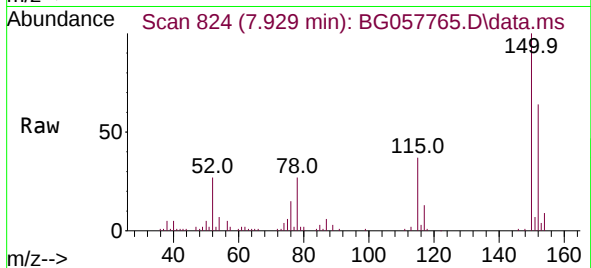
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

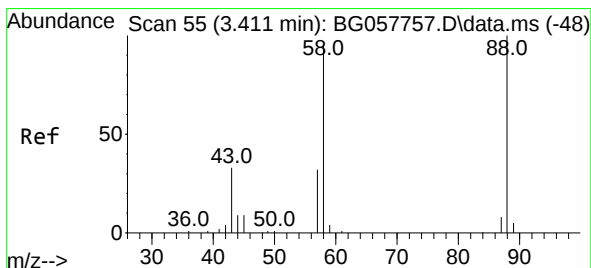
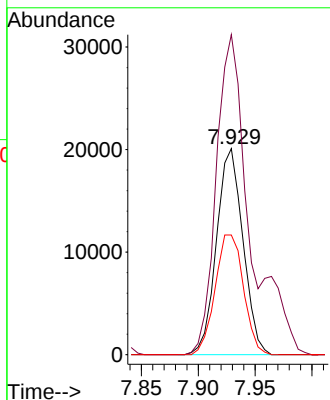
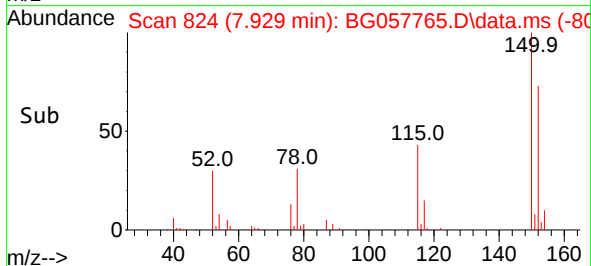
Instrument :
BNA_G
ClientSampleId :
PB153322BS



Tgt Ion:152 Resp: 32572
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 58.1 48.9 73.3

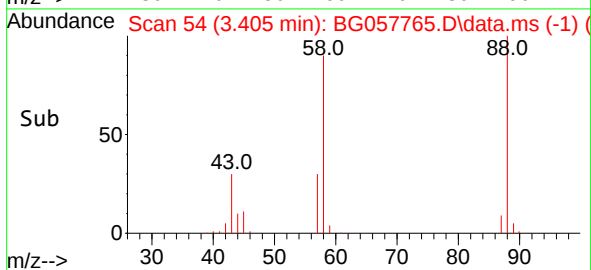
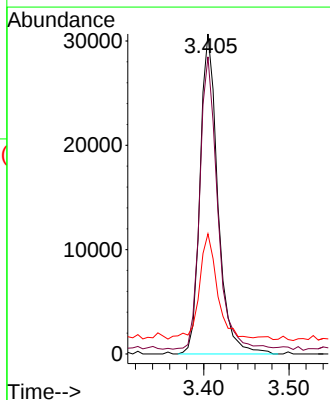
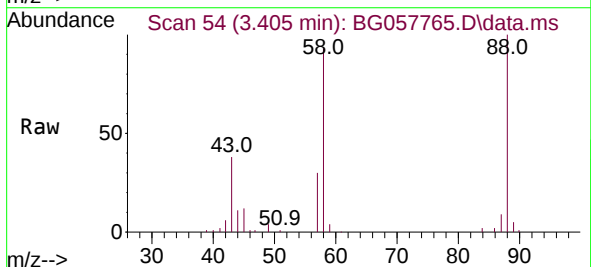
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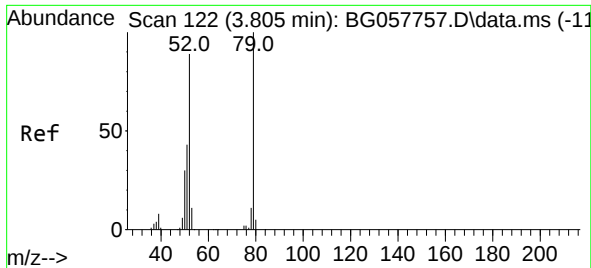
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 46.113 ng
RT: 3.405 min Scan# 54
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion: 88 Resp: 44342
Ion Ratio Lower Upper
88 100
58 91.4 76.2 114.4
43 33.2 26.3 39.5





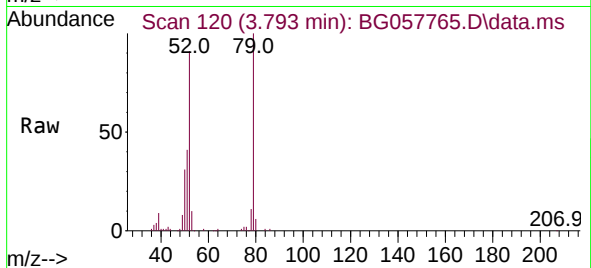
#3
Pyridine
Concen: 36.143 ng
RT: 3.793 min Scan# 122
Delta R.T. -0.012 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

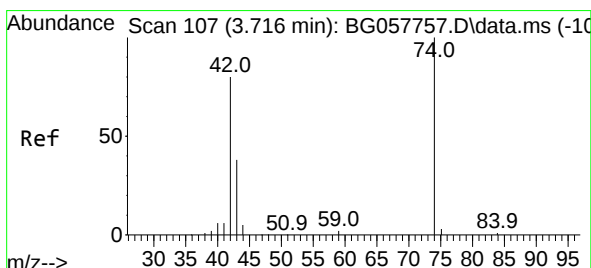
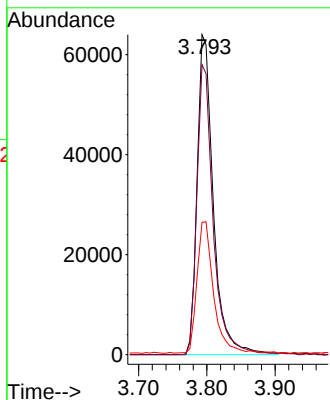
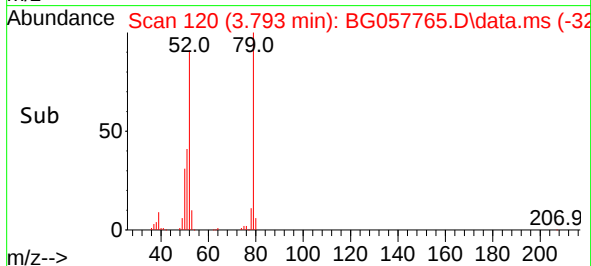


Tgt Ion: 79 Resp: 10585
Ion Ratio Lower Upper
79 100
52 90.6 71.4 107.0
51 41.3 34.9 52.3

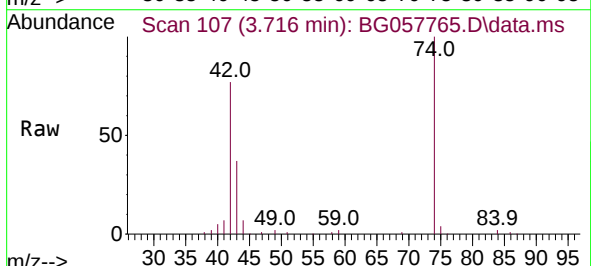
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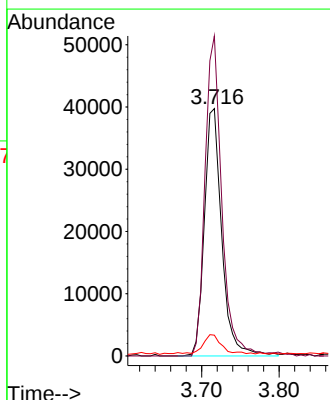
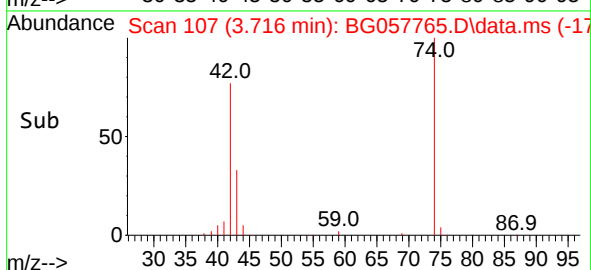
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

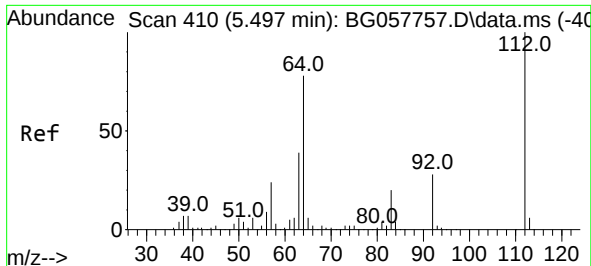


#4
n-Nitrosodimethylamine
Concen: 46.465 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion: 42 Resp: 62180
Ion Ratio Lower Upper
42 100
74 129.4 99.9 149.9
44 8.4 6.0 9.0





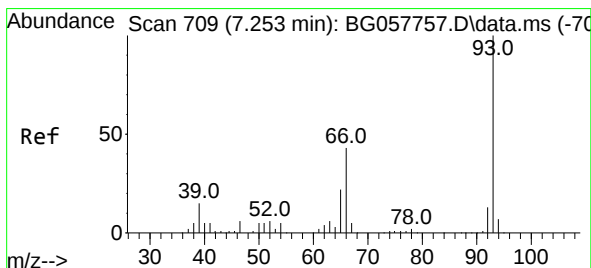
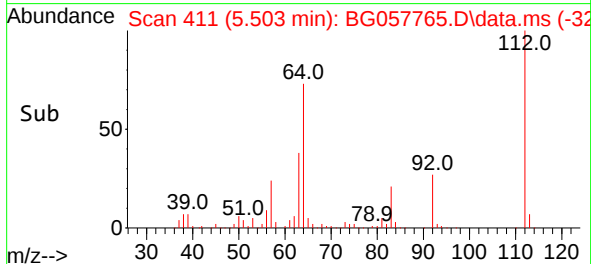
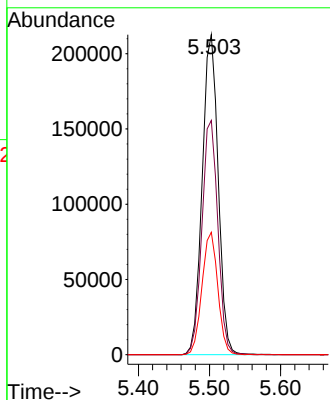
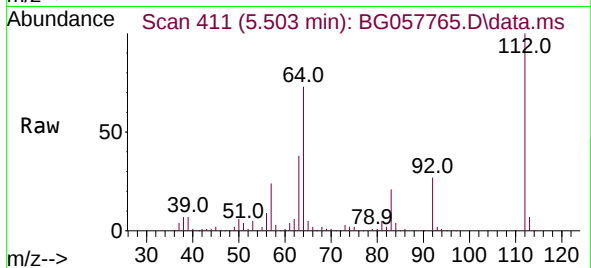
#5
2-Fluorophenol
Concen: 157.847 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 33344
Ion Ratio Lower Upper
112 100
64 73.2 62.1 93.1
63 38.2 31.5 47.3

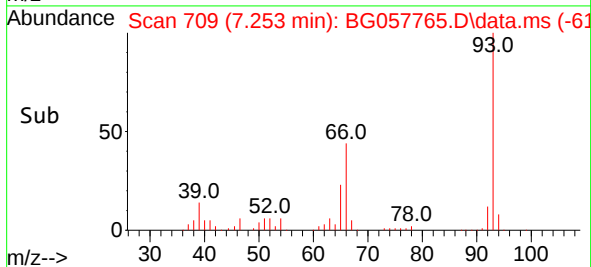
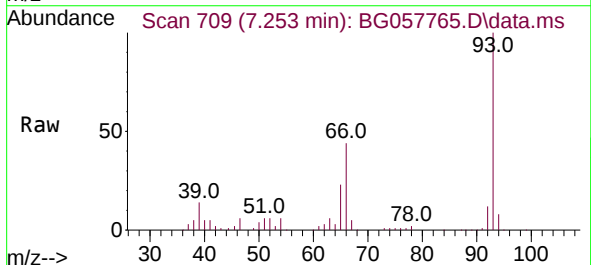
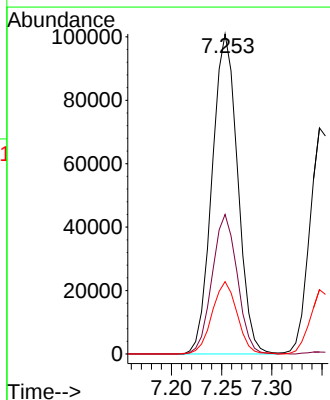
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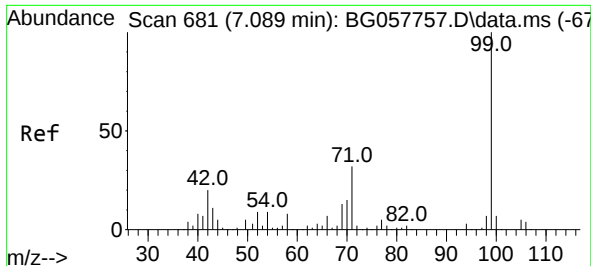
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 43.314 ng
RT: 7.253 min Scan# 709
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion: 93 Resp: 178764
Ion Ratio Lower Upper
93 100
66 43.6 34.5 51.7
65 22.6 17.4 26.2





#7
Phenol-d6
Concen: 145.445 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

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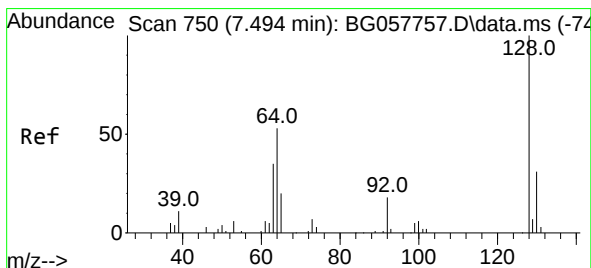
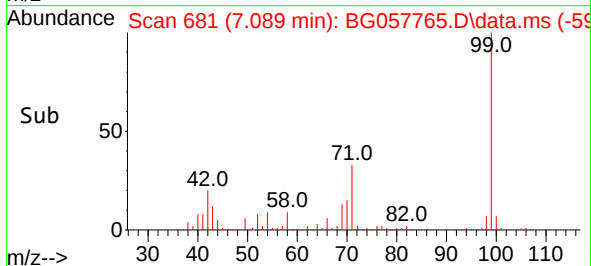
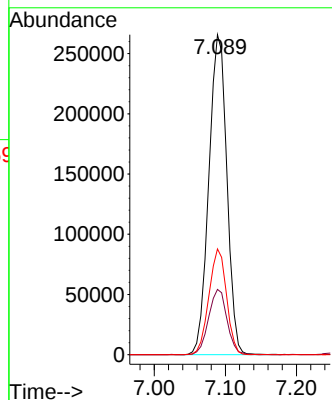
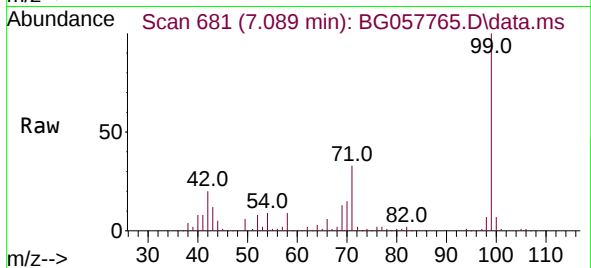
ClientSampleId :

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Tgt Ion: 99 Resp: 468809
Ion Ratio Lower Upper
99 100
42 20.4 16.4 24.6
71 33.1 25.8 38.6

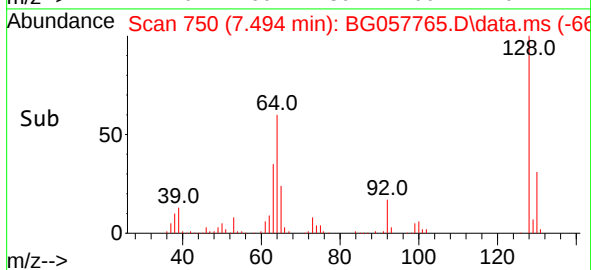
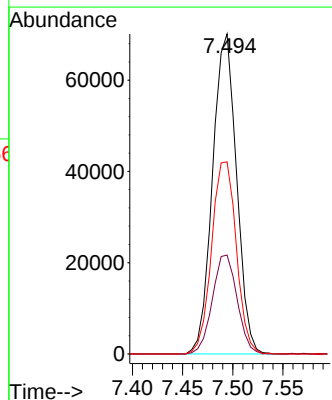
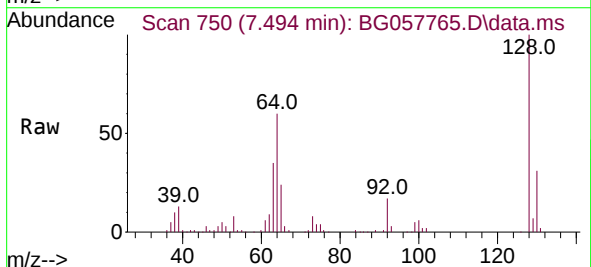
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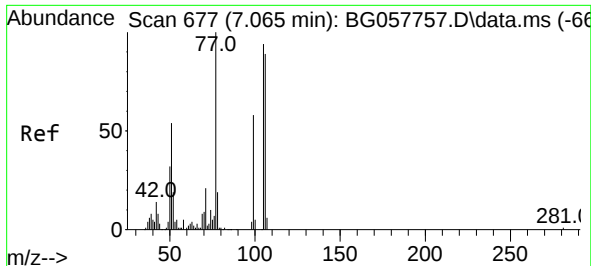
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 53.626 ng
RT: 7.494 min Scan# 750
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:128 Resp: 116540
Ion Ratio Lower Upper
128 100
130 30.9 10.6 50.6
64 60.1 39.1 79.1





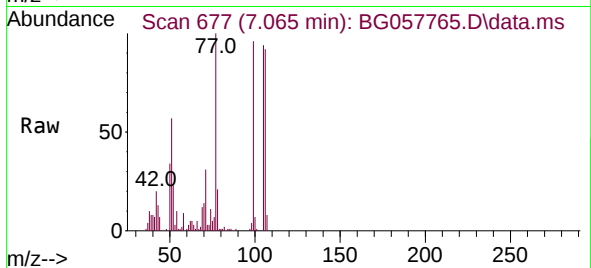
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Benzaldehyde
Concen: 29.208 ng m
RT: 7.065 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057765.D
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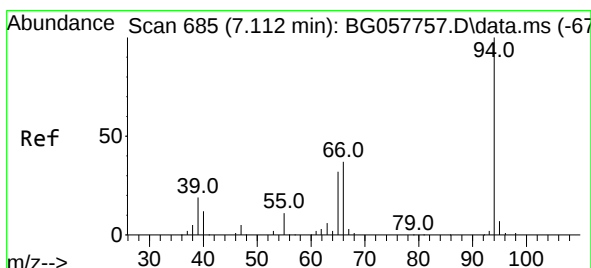
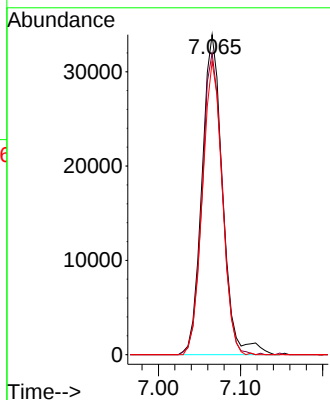
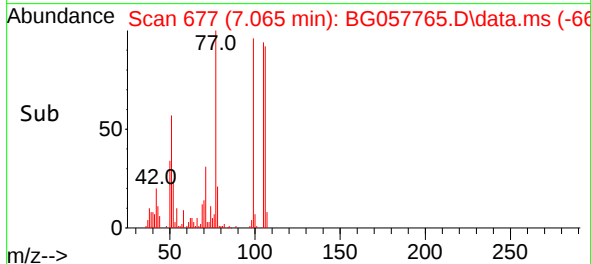
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Ion Ratio Lower Upper
77 100
105 94.2 73.7 113.7
106 91.7 69.0 109.0

Manual Integrations

APPROVED

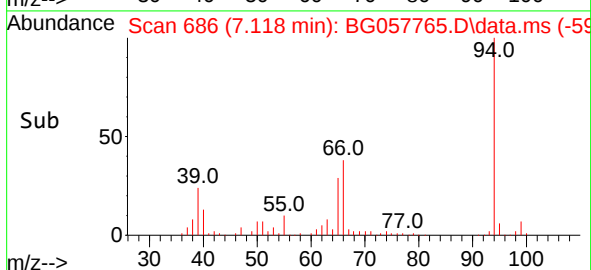
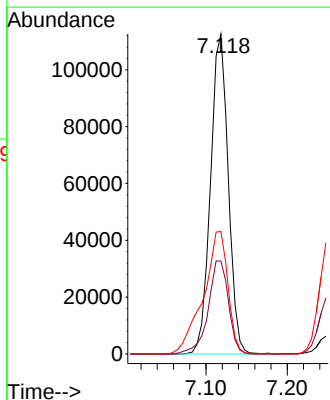
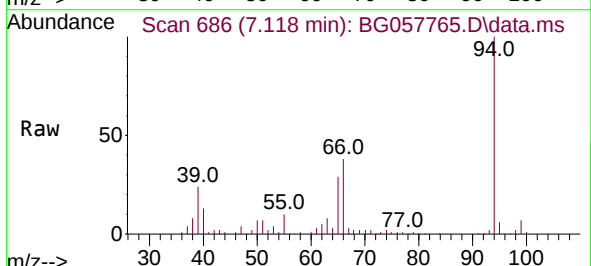
Reviewed By :Yogesh Patel 06/20/2023

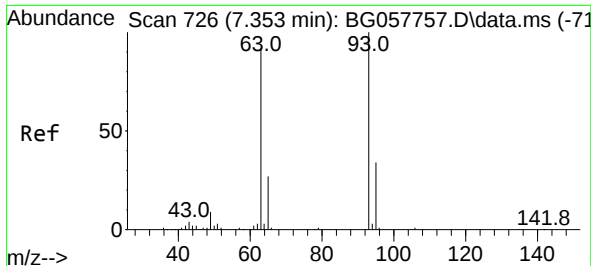
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 53.800 ng
RT: 7.118 min Scan# 686
Delta R.T. 0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion: 94 Resp: 170743
Ion Ratio Lower Upper
94 100
65 29.0 12.2 52.2
66 38.3 18.3 58.3





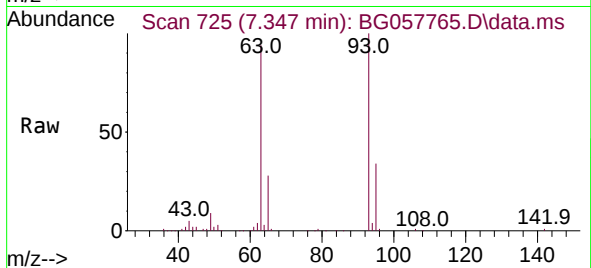
#11
bis(2-Chloroethyl)ether
Concen: 46.493 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

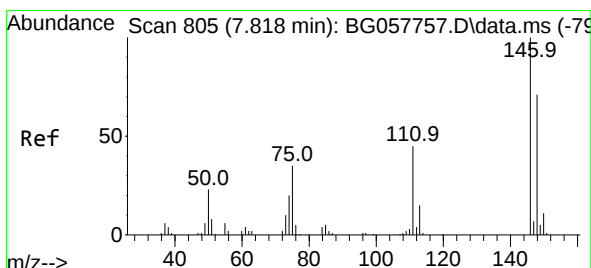
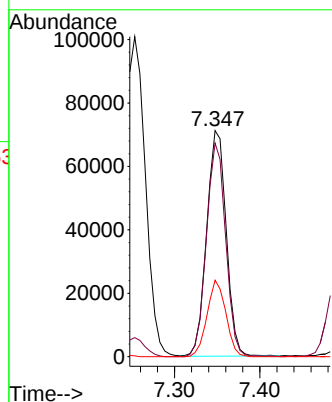
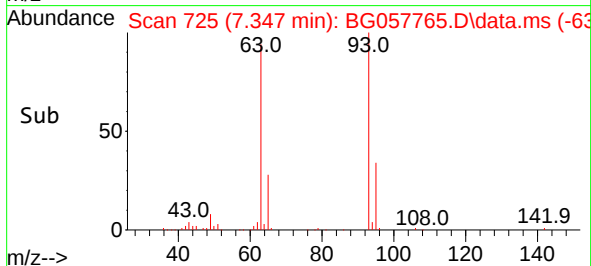


Tgt Ion: 93 Resp: 11344
Ion Ratio Lower Upper
93 100
63 94.4 71.2 111.2
95 33.8 14.2 54.2

Manual Integrations

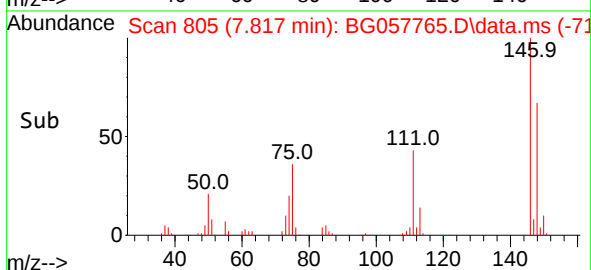
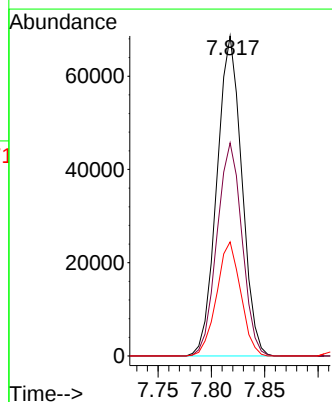
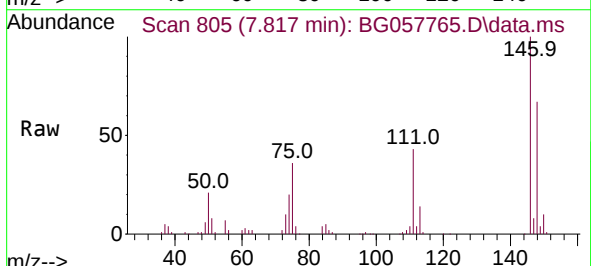
APPROVED

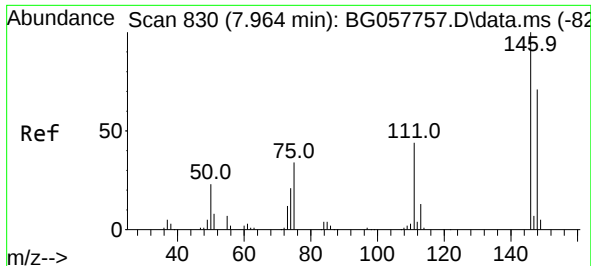
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 50.381 ng
RT: 7.817 min Scan# 805
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:146 Resp: 111424
Ion Ratio Lower Upper
146 100
148 66.6 57.0 85.6
75 35.6 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 49.618 ng

RT: 7.964 min Scan# 811

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

Tgt Ion:146 Resp: 11119

Ion Ratio Lower Upper

146 100

148 65.8 57.0 85.4

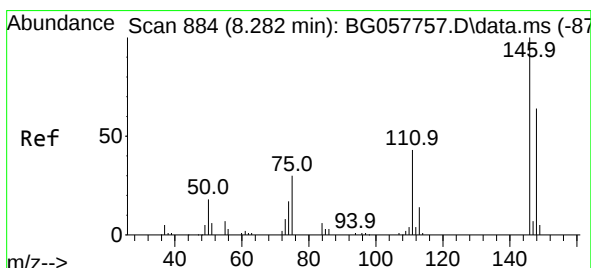
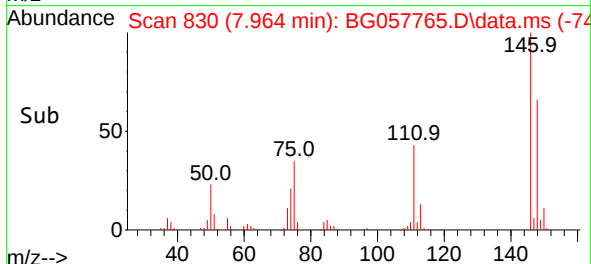
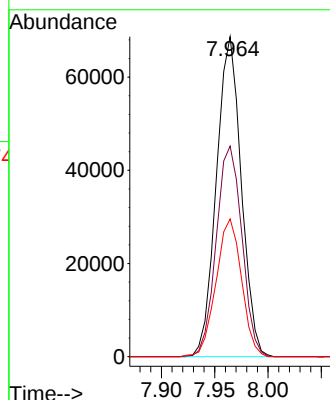
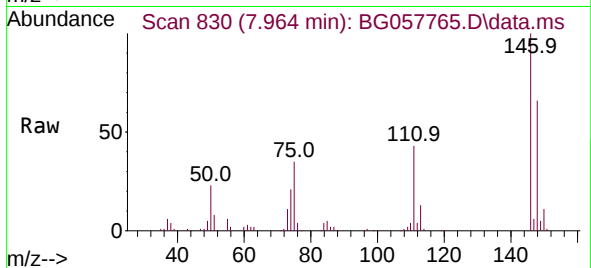
111 43.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#14

1,2-Dichlorobenzene

Concen: 50.640 ng

RT: 8.282 min Scan# 884

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

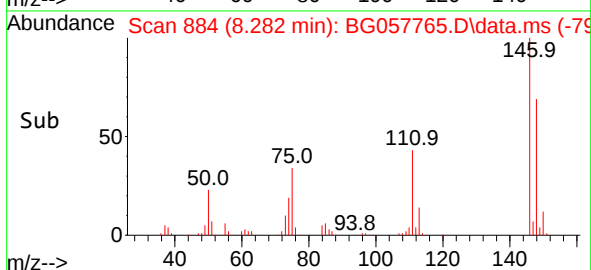
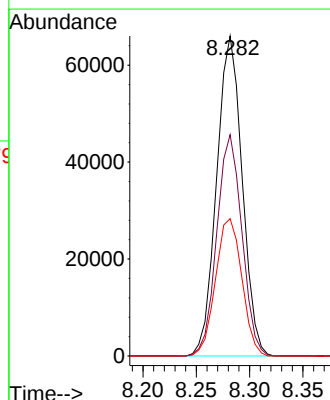
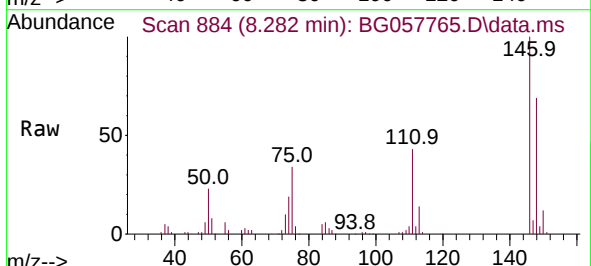
Tgt Ion:146 Resp: 109806

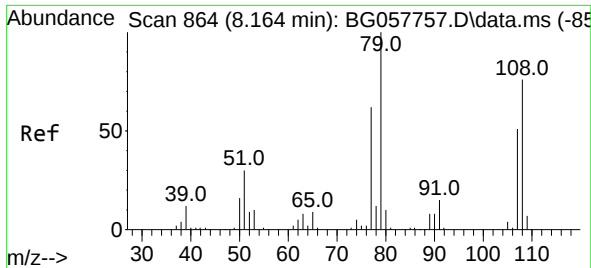
Ion Ratio Lower Upper

146 100

148 69.1 51.0 76.6

111 42.9 34.9 52.3





#15
Benzyl Alcohol
Concen: 49.155 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

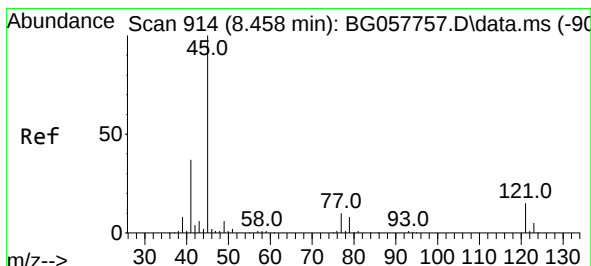
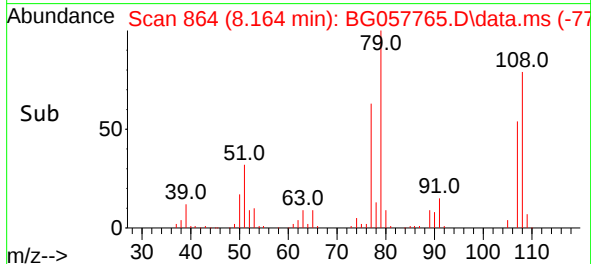
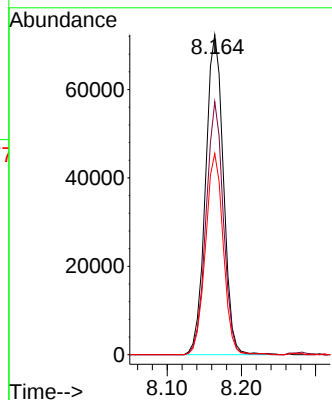
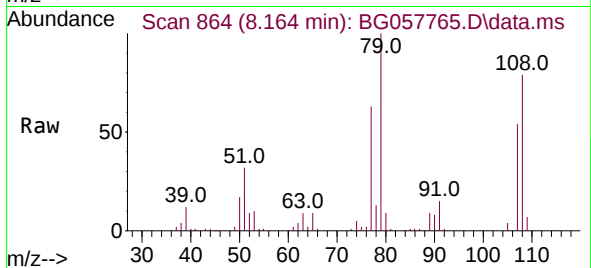
ClientSampleId :

PB153322BS

Tgt Ion: 79 Resp: 121150
Ion Ratio Lower Upper
79 100
108 79.1 60.5 90.7
77 62.9 49.3 73.9

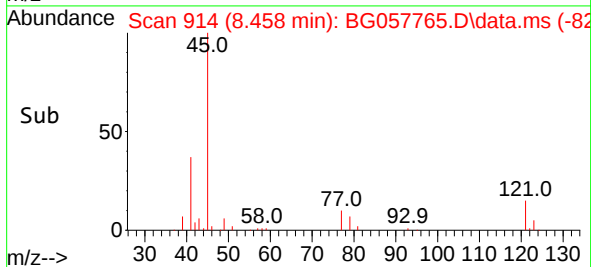
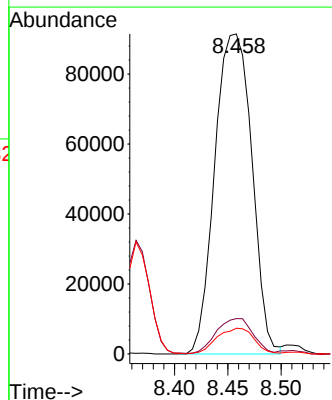
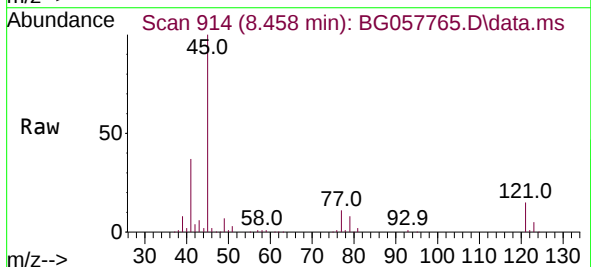
Manual Integrations
APPROVED

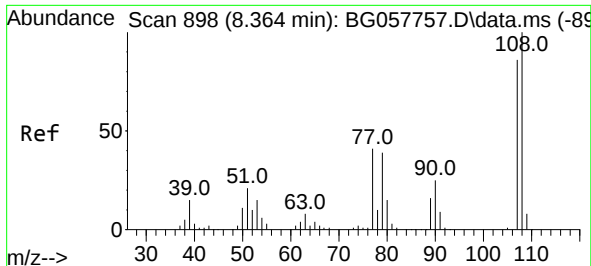
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.223 ng
RT: 8.458 min Scan# 914
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion: 45 Resp: 221350
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.6
79 8.0 0.0 28.3





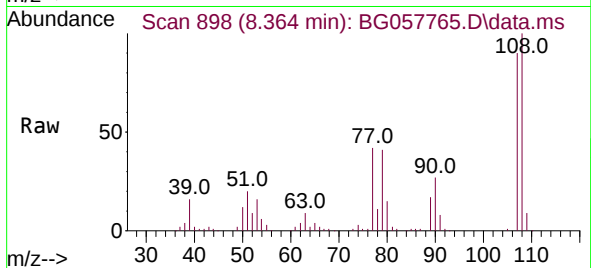
#17
2-Methylphenol
Concen: 49.958 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

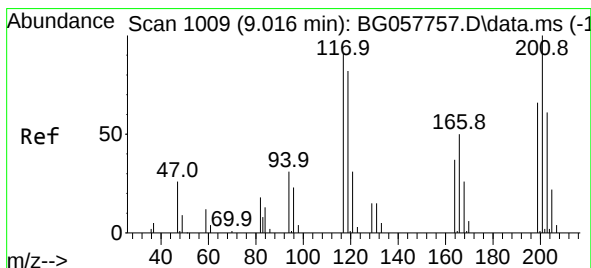
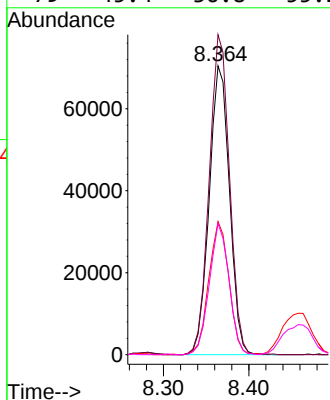
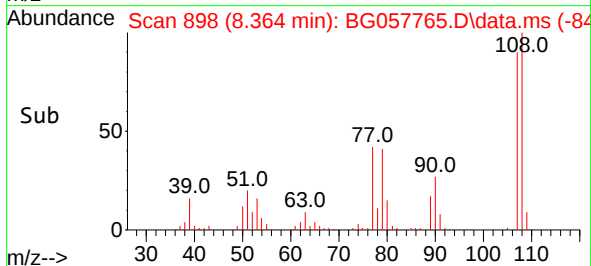


Tgt Ion:107 Resp: 11661
Ion Ratio Lower Upper
107 100
108 110.8 93.2 139.8
77 46.1 37.8 56.8
79 45.4 36.8 55.2

Manual Integrations

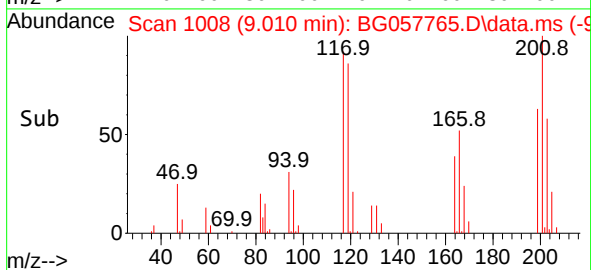
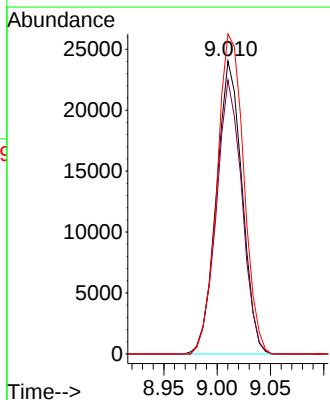
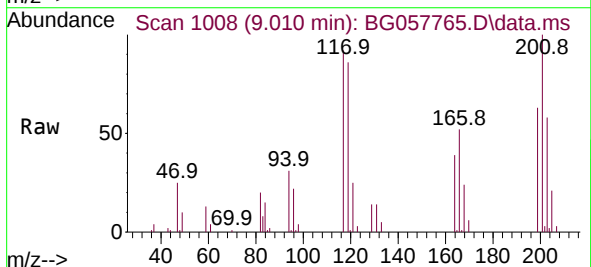
APPROVED

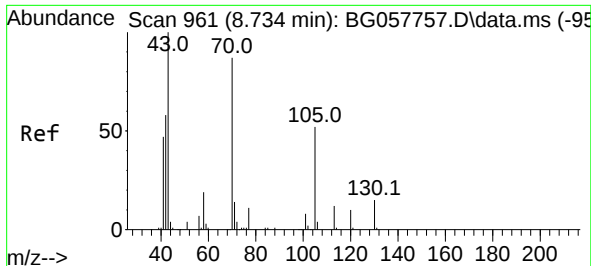
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 50.783 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:117 Resp: 40128
Ion Ratio Lower Upper
117 100
119 93.5 72.3 108.5
201 109.3 87.8 131.8





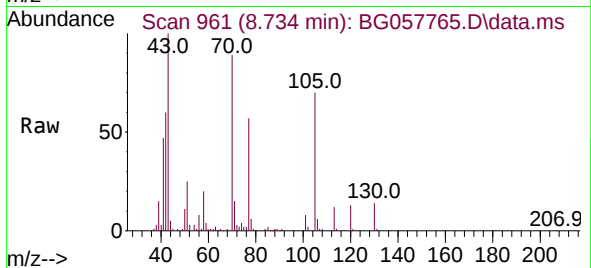
#19
n-Nitroso-di-n-propylamine
Concen: 44.898 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

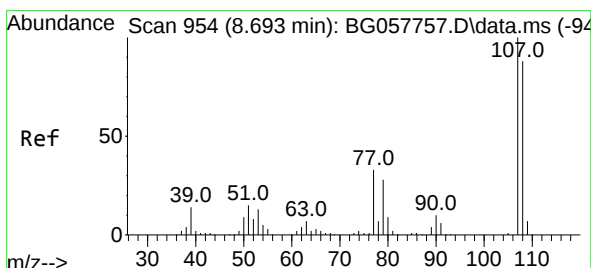
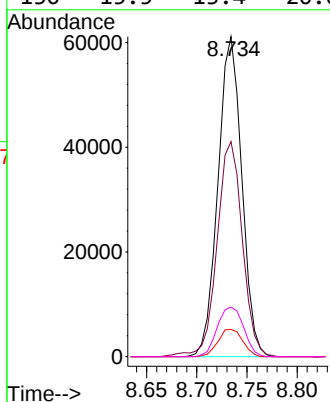
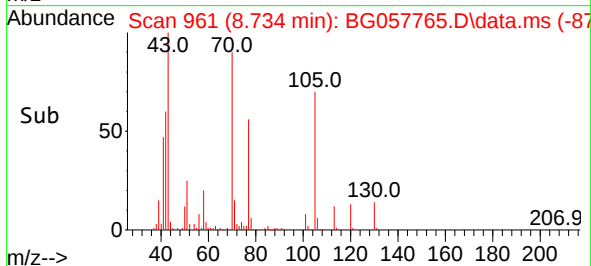


Tgt Ion: 70 Resp: 100894
Ion Ratio Lower Upper
70 100
42 67.2 54.2 81.2
101 8.5 7.4 11.0
130 15.5 13.4 20.0

Manual Integrations

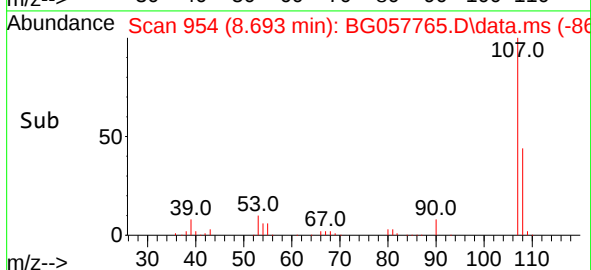
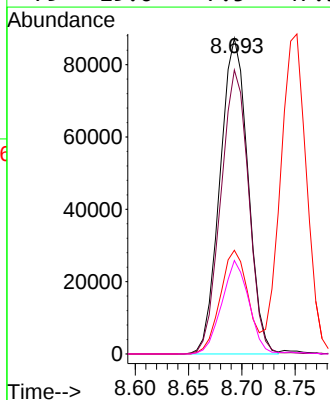
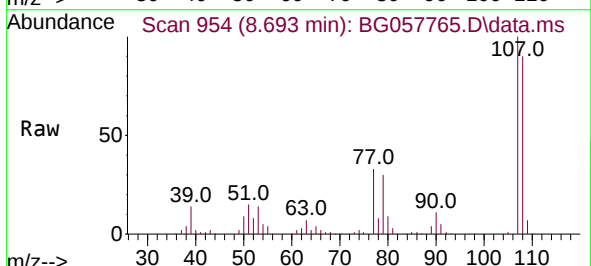
APPROVED

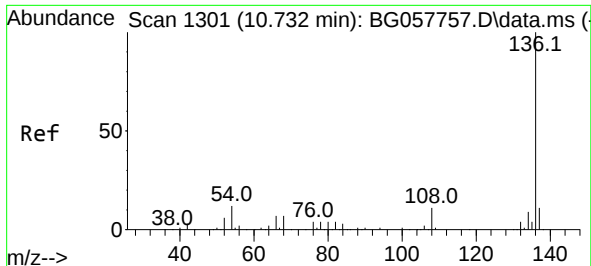
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#20
3+4-Methylphenols
Concen: 49.449 ng
RT: 8.693 min Scan# 954
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:107 Resp: 159437
Ion Ratio Lower Upper
107 100
108 89.9 67.7 107.7
77 32.8 13.3 53.3
79 29.6 7.5 47.5





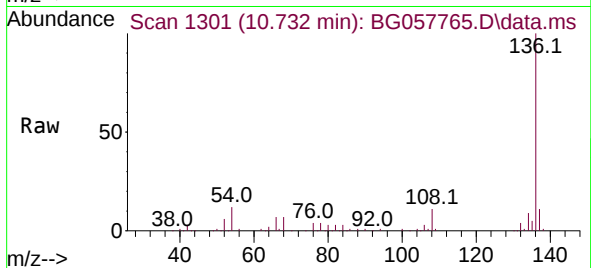
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS



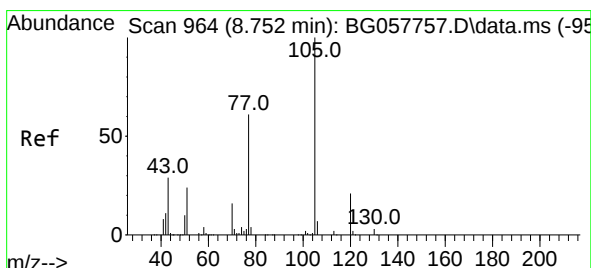
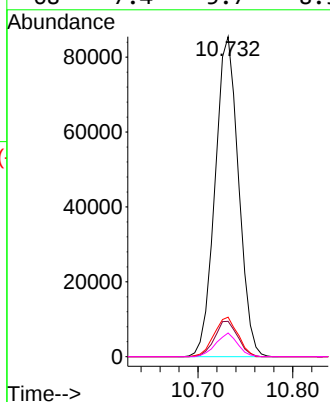
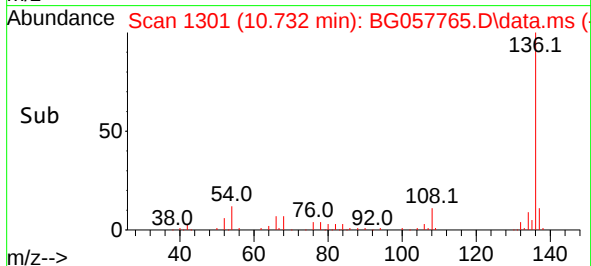
Tgt Ion:136 Resp: 14704
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 12.3 9.5 14.3
68 7.4 5.7 8.5

Manual Integrations

APPROVED

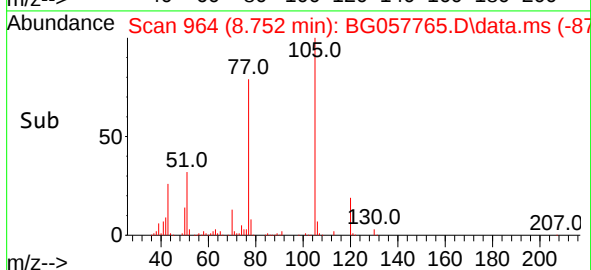
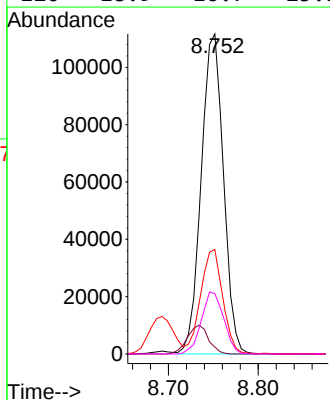
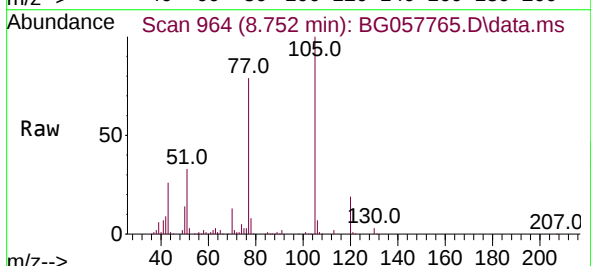
Reviewed By :Yogesh Patel 06/20/2023

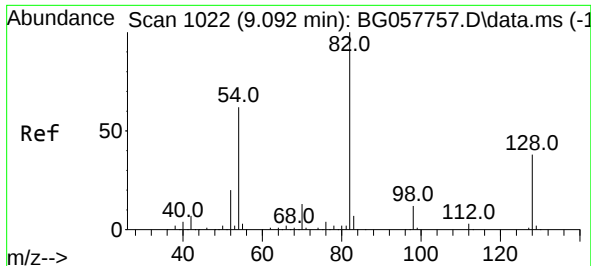
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 46.585 ng
RT: 8.752 min Scan# 964
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:105 Resp: 192086
Ion Ratio Lower Upper
105 100
71 2.2 2.4 3.6#
51 32.6 25.9 38.9
120 18.9 16.7 25.1





#23
Nitrobenzene-d5
Concen: 93.837 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

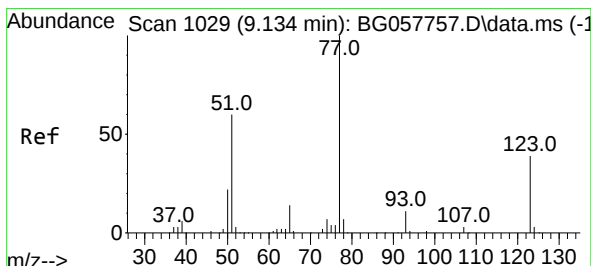
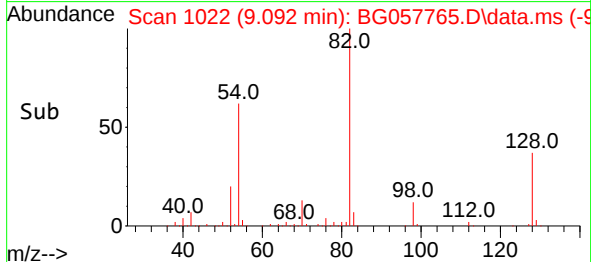
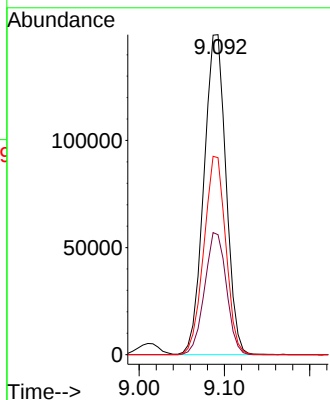
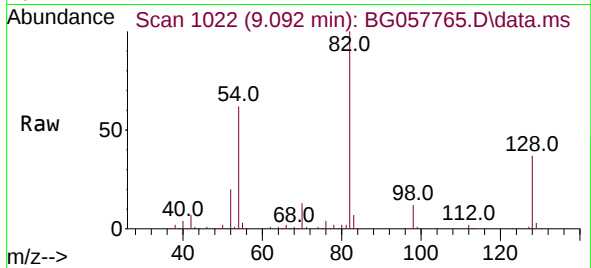
PB153322BS

Tgt Ion: 82 Resp: 26884
Ion Ratio Lower Upper
82 100
128 37.5 30.7 46.1
54 61.6 49.6 74.4

Manual Integrations

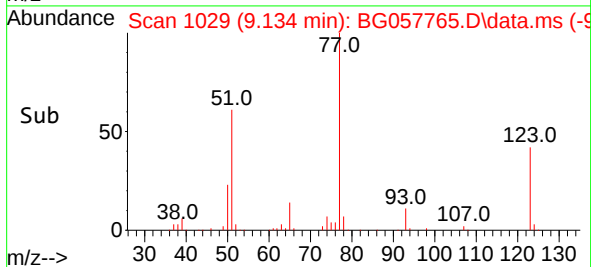
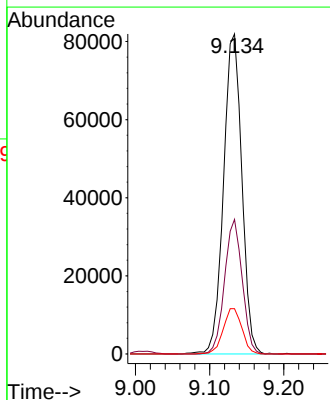
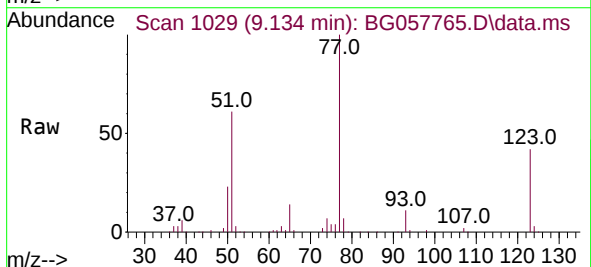
APPROVED

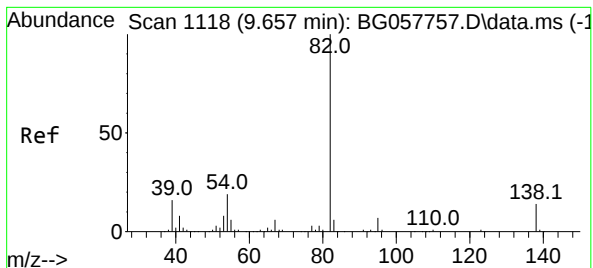
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#24
Nitrobenzene
Concen: 47.035 ng
RT: 9.134 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion: 77 Resp: 140247
Ion Ratio Lower Upper
77 100
123 42.1 31.4 47.2
65 14.2 11.2 16.8





#25

Isophorone

Concen: 43.791 ng

RT: 9.651 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

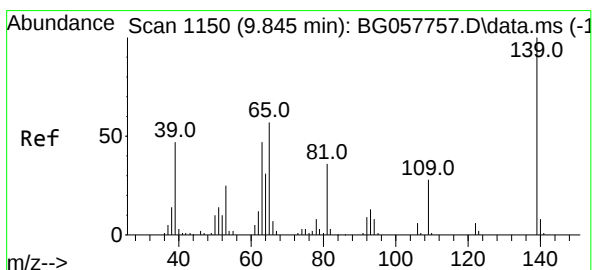
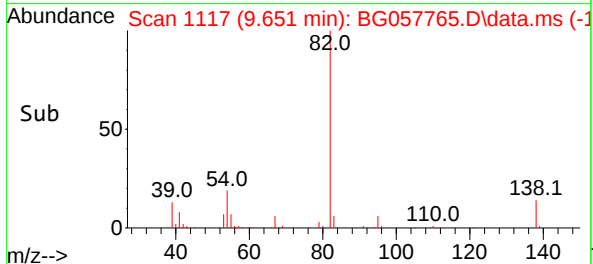
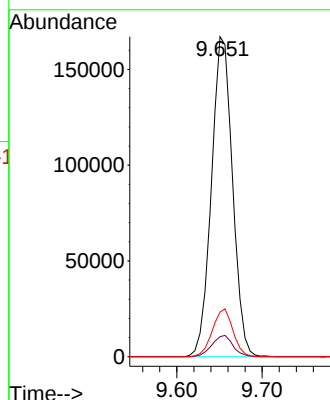
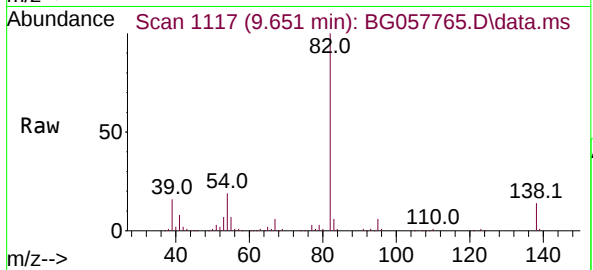
PB153322BS

Tgt Ion: 82 Resp: 286634
 Ion Ratio Lower Upper
 82 100
 95 6.3 5.2 7.8
 138 14.0 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: 57.946 ng

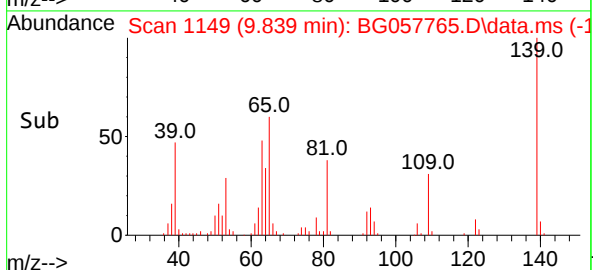
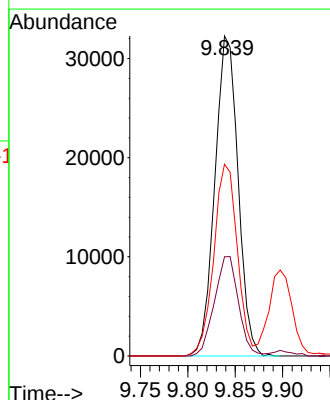
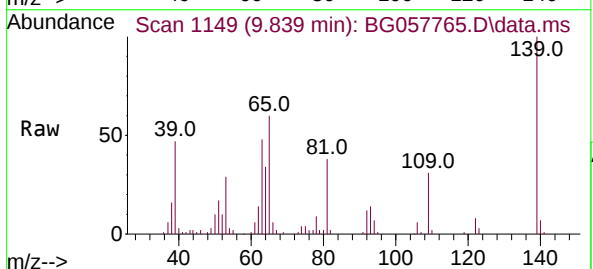
RT: 9.839 min Scan# 1149

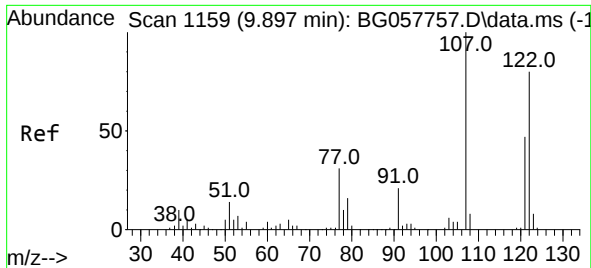
Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:139 Resp: 54969
 Ion Ratio Lower Upper
 139 100
 109 31.0 22.5 33.7
 65 60.0 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 52.310 ng

RT: 9.897 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

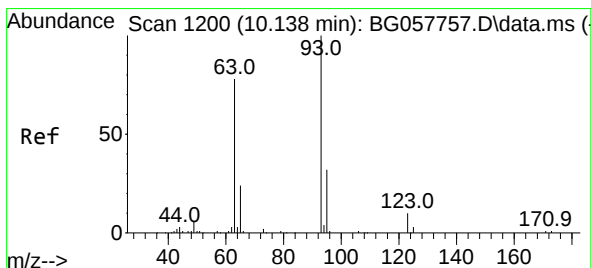
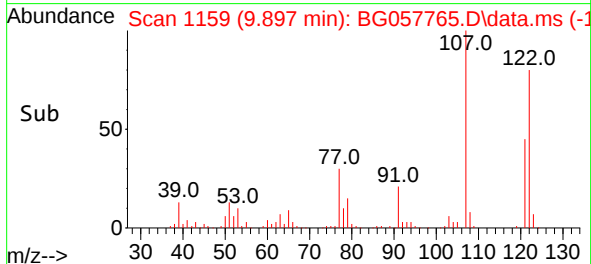
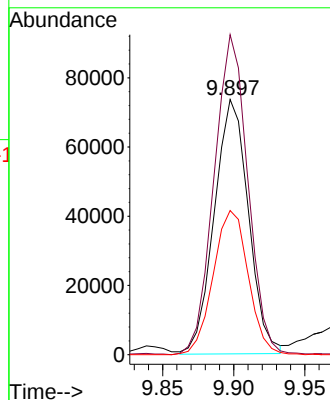
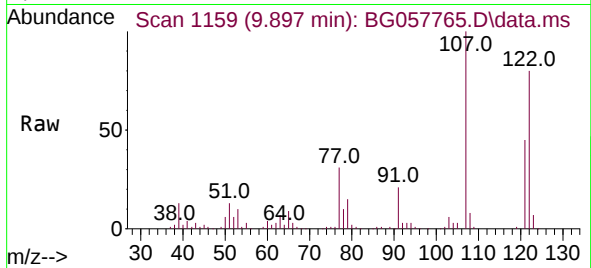
Tgt Ion:122 Resp: 122850
 Ion Ratio Lower Upper
 122 100
 107 125.4 98.9 148.3
 121 56.5 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.573 ng

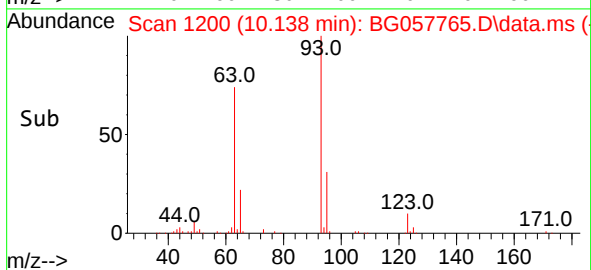
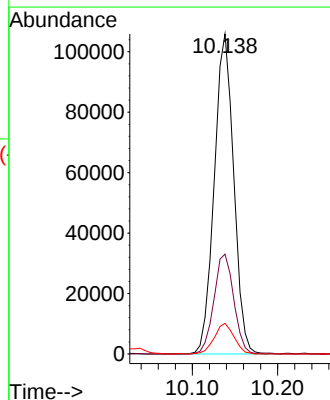
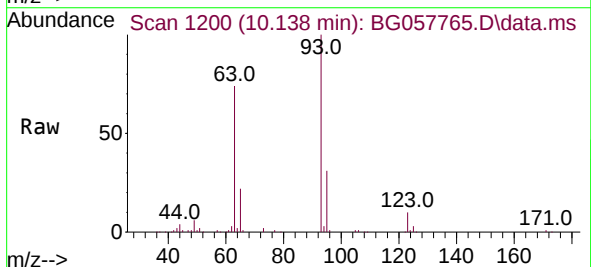
RT: 10.138 min Scan# 1200

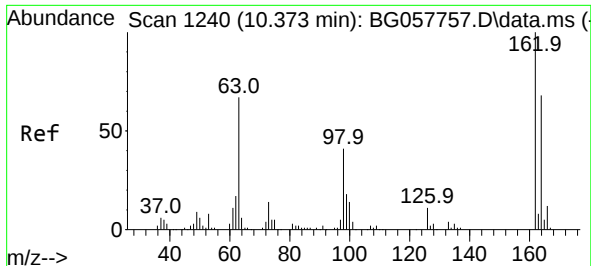
Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion: 93 Resp: 167691
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.6 38.4
 123 9.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 52.363 ng

RT: 10.373 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057765.D

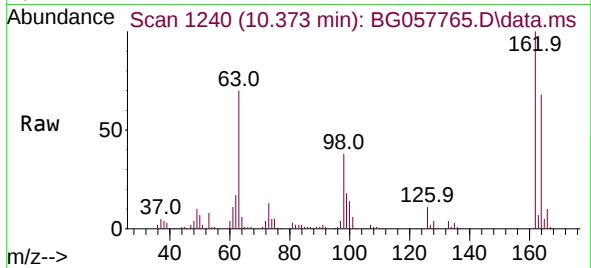
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS



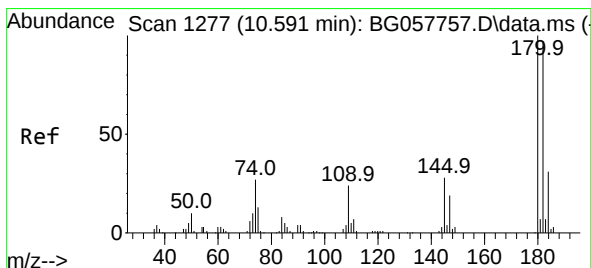
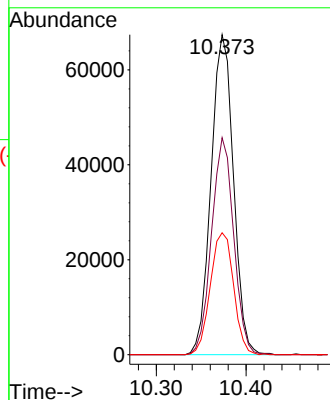
Tgt Ion:	162	Resp:	116780
Ion Ratio	Lower	Upper	
162	100		
164	67.8	48.2	88.2
98	38.1	20.7	60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.029 ng

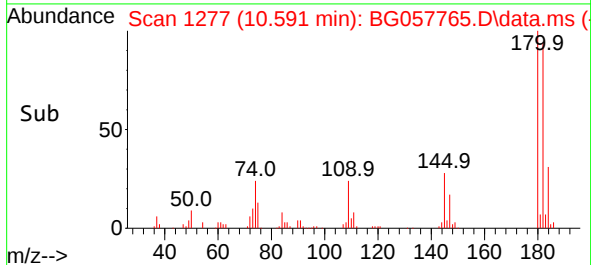
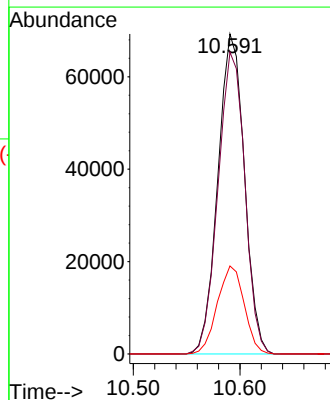
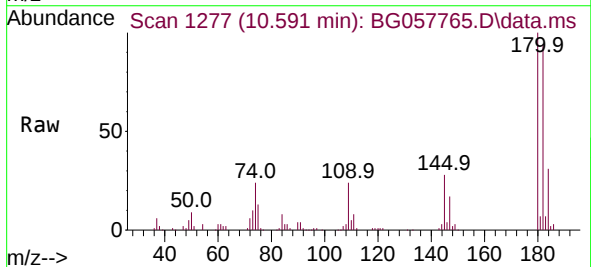
RT: 10.591 min Scan# 1277

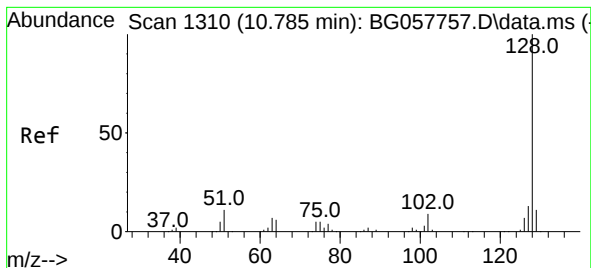
Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:	180	Resp:	119402
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.5	116.3
145	27.5	22.6	34.0





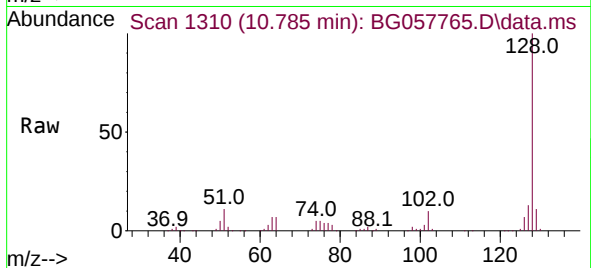
#31
Naphthalene
Concen: 45.898 ng
RT: 10.785 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

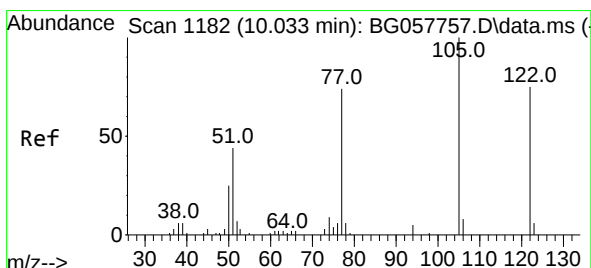
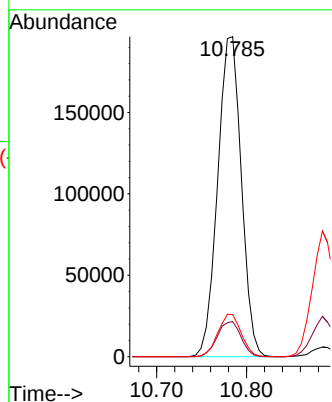
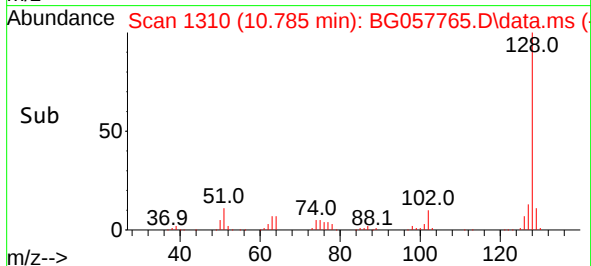


Tgt Ion:128 Resp: 35919
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 10.7 16.1

Manual Integrations

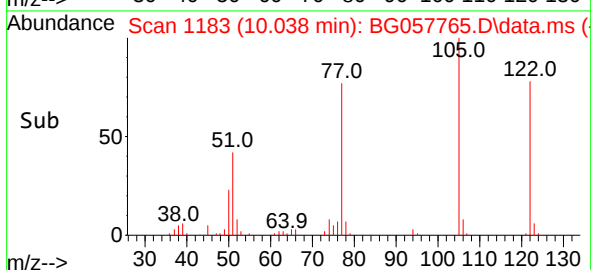
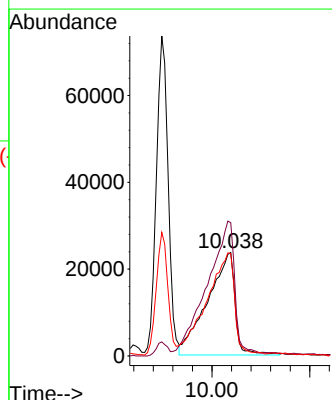
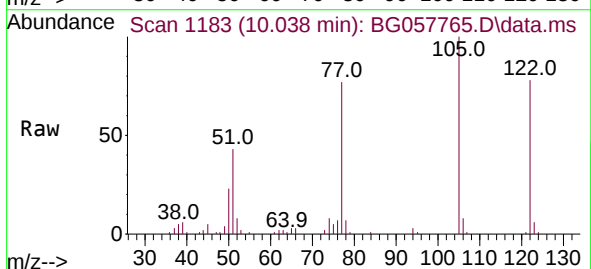
APPROVED

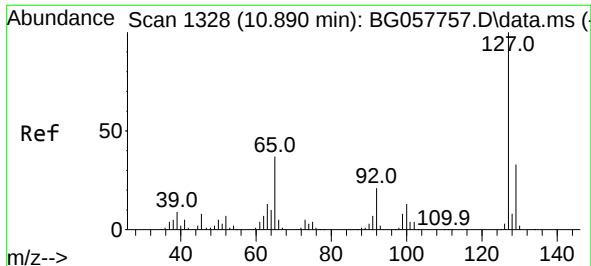
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#32
Benzoic acid
Concen: 53.066 ng m
RT: 10.038 min Scan# 1183
Delta R.T. 0.005 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:122 Resp: 91760
Ion Ratio Lower Upper
122 100
105 128.9 110.1 150.1
77 99.2 78.2 118.2





#33
4-Chloroaniline
Concen: 36.758 ng
RT: 10.884 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

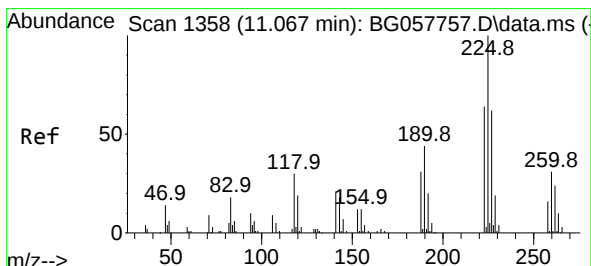
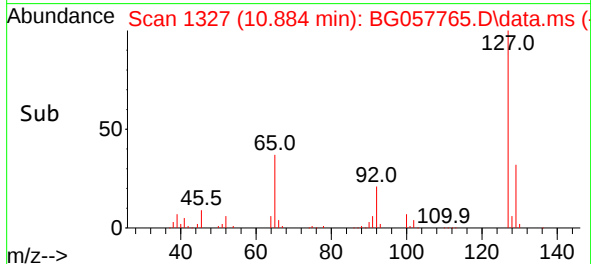
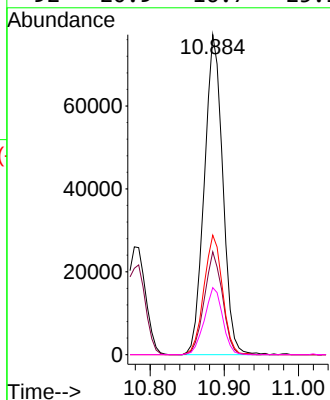
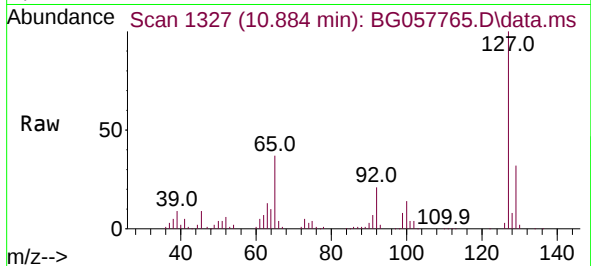
ClientSampleId :

PB153322BS

Tgt Ion:127 Resp: 13328
Ion Ratio Lower Upper
127 100
129 32.1 26.6 40.0
65 37.4 29.8 44.8
92 20.9 16.7 25.1

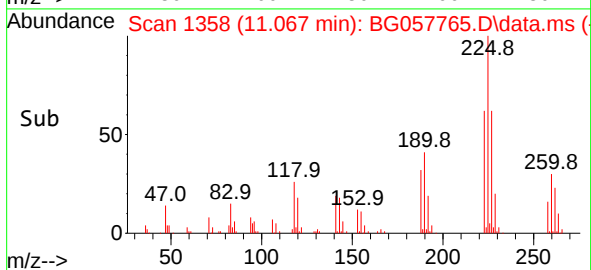
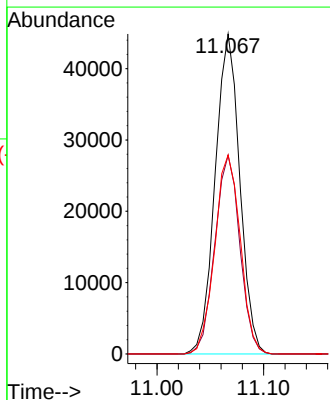
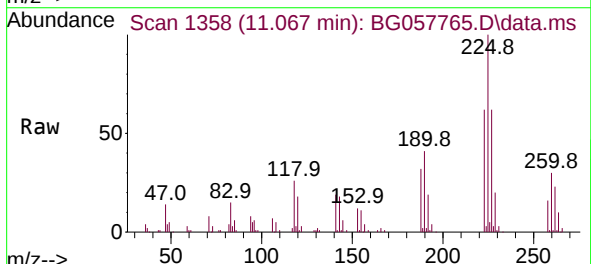
Manual Integrations
APPROVED

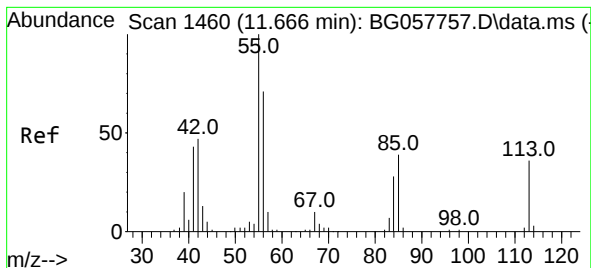
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 47.437 ng
RT: 11.067 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

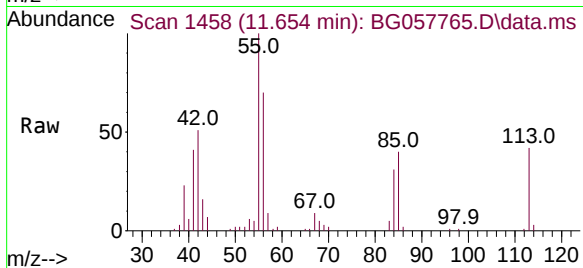
Tgt Ion:225 Resp: 71948
Ion Ratio Lower Upper
225 100
223 62.1 51.4 77.0
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 47.544 ng m
RT: 11.654 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

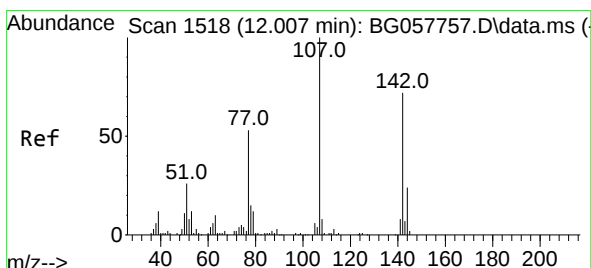
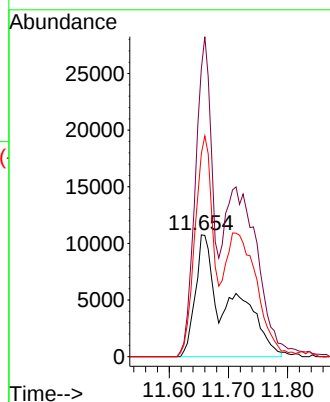
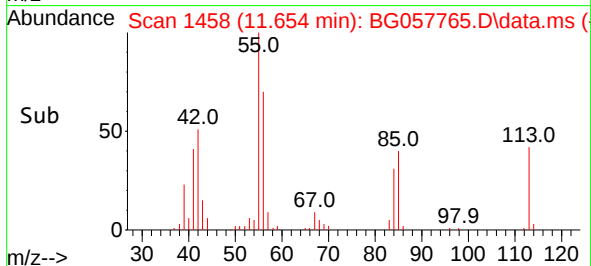
Instrument :
BNA_G
ClientSampleId :
PB153322BS



Tgt Ion:113 Resp: 43029
Ion Ratio Lower Upper
113 100
55 236.5 255.7 295.7
56 166.7 175.2 215.2

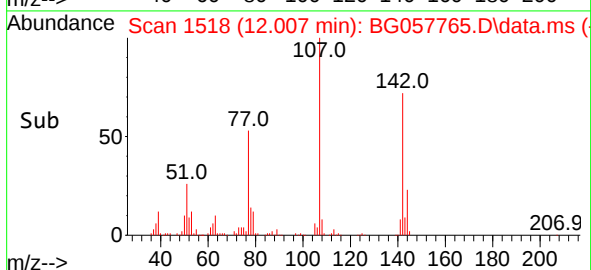
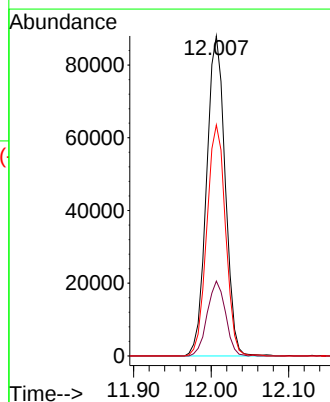
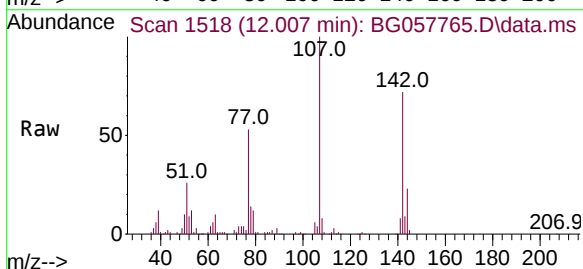
Manual Integrations
APPROVED

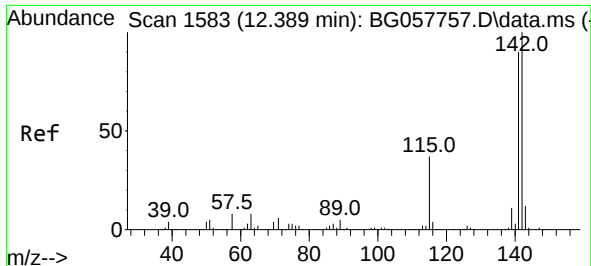
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#36
4-Chloro-3-methylphenol
Concen: 50.329 ng
RT: 12.007 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:107 Resp: 146598
Ion Ratio Lower Upper
107 100
144 23.4 19.5 29.3
142 72.2 57.9 86.9





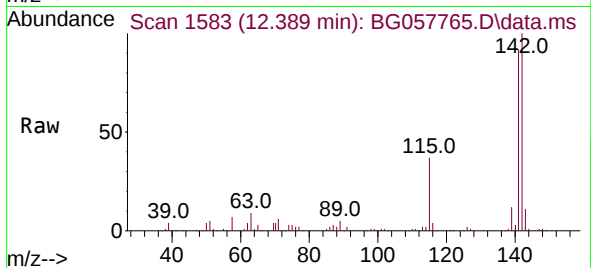
#37
2-Methylnaphthalene
Concen: 44.122 ng
RT: 12.389 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

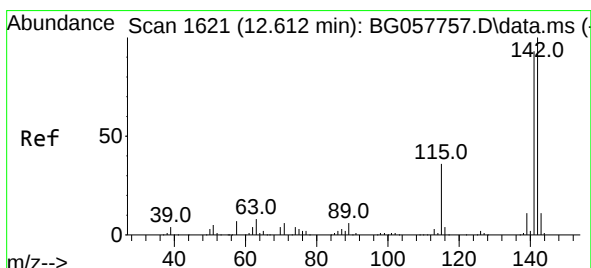
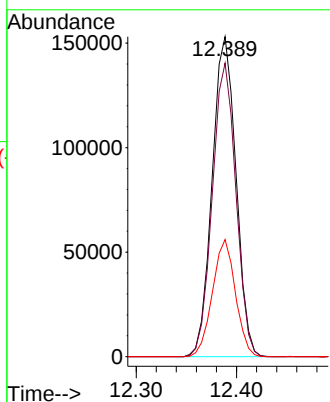
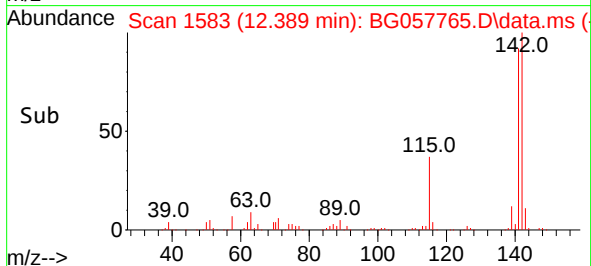


Tgt Ion:142 Resp: 25168
Ion Ratio Lower Upper
142 100
141 91.8 72.1 108.1
115 36.6 29.7 44.5

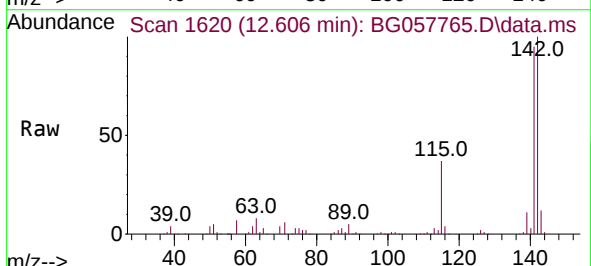
Manual Integrations

APPROVED

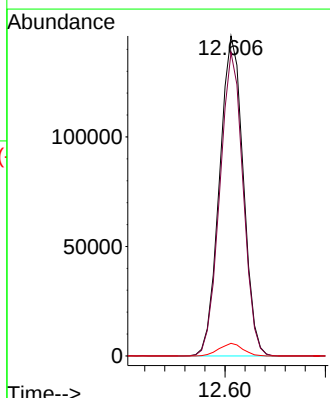
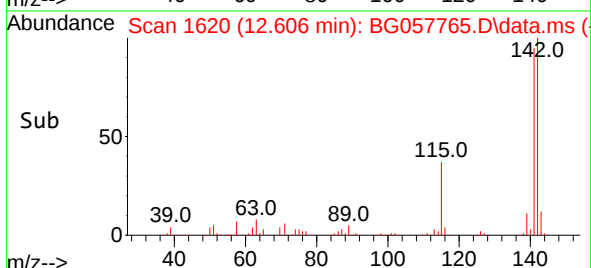
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

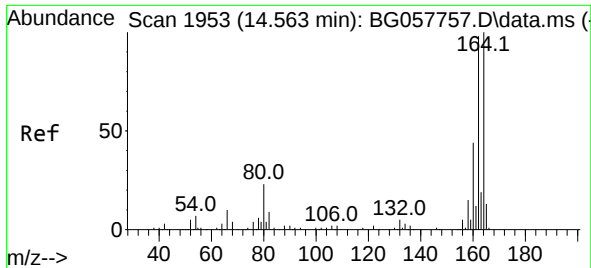


#38
1-Methylnaphthalene
Concen: 44.485 ng
RT: 12.606 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:142 Resp: 239539
Ion Ratio Lower Upper
142 100
141 94.9 74.2 111.4
116 3.9 3.1 4.7





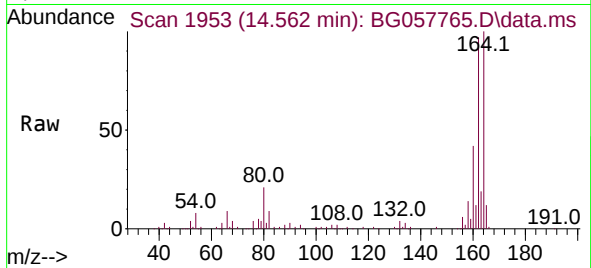
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

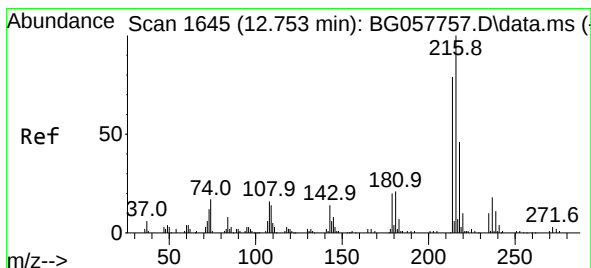
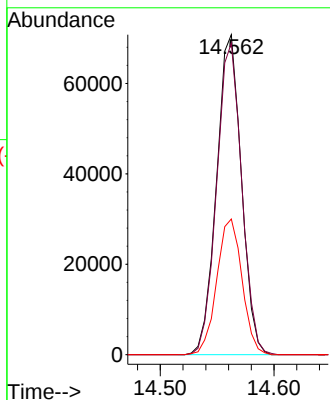
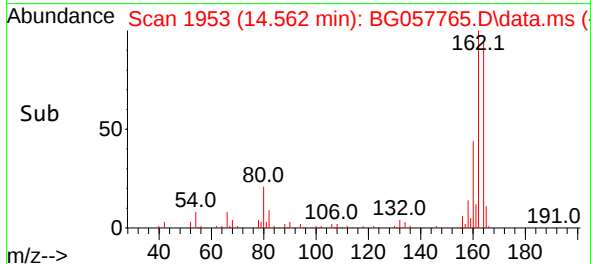


Tgt Ion:164 Resp: 10757
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 42.4 35.4 53.0

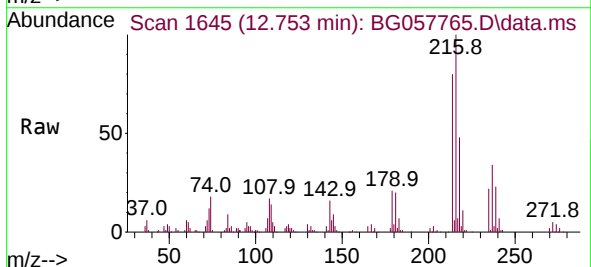
Manual Integrations

APPROVED

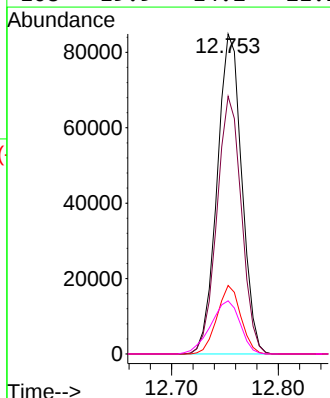
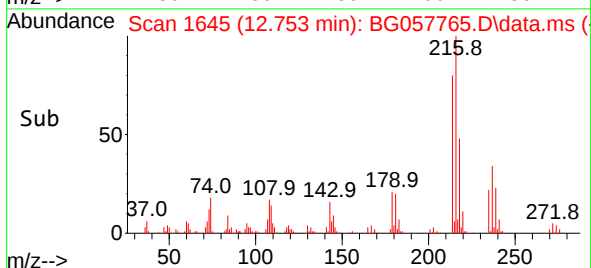
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

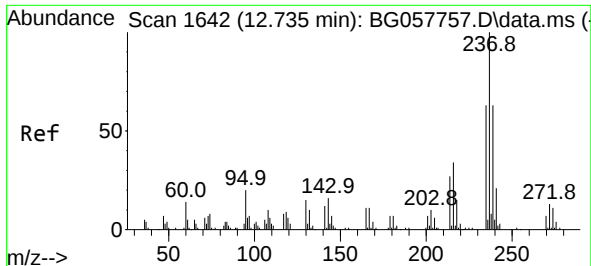


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.639 ng
RT: 12.753 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:216 Resp: 136104
Ion Ratio Lower Upper
216 100
214 80.2 63.0 94.4
179 20.7 16.2 24.2
108 19.9 14.2 21.2





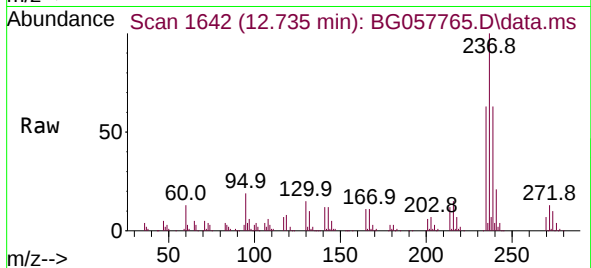
#41
Hexachlorocyclopentadiene
Concen: 112.767 ng
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

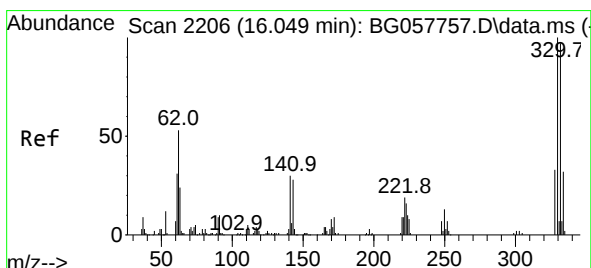
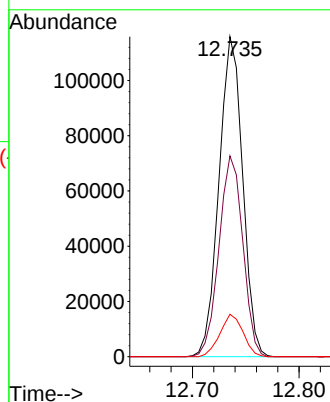
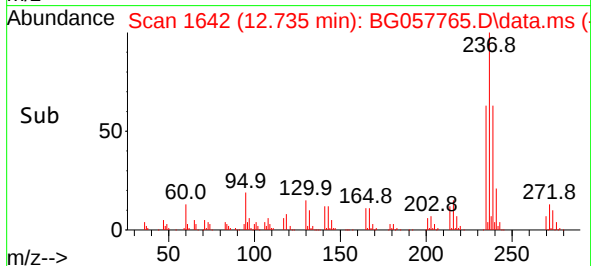


Tgt Ion:237 Resp: 17853
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 13.2 0.0 32.8

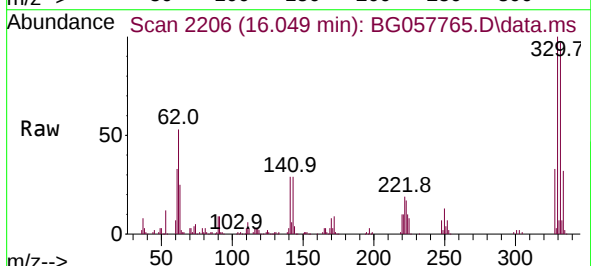
Manual Integrations

APPROVED

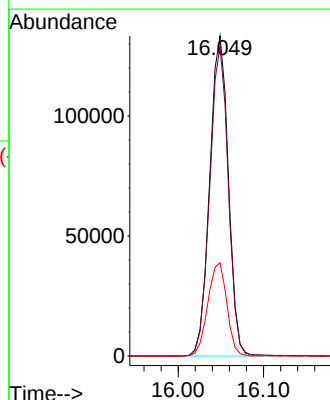
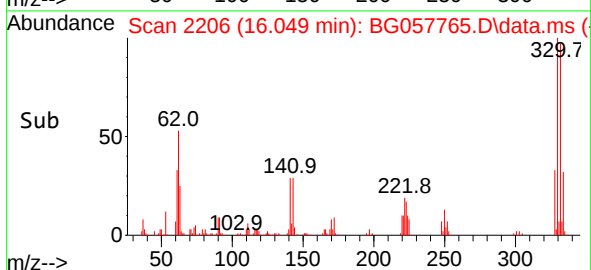
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

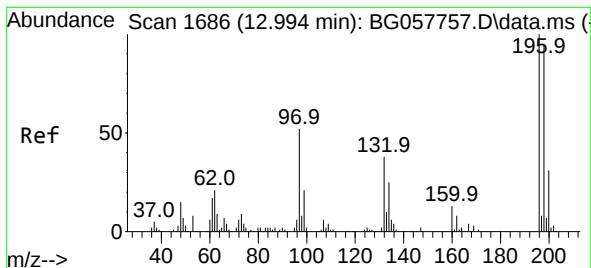


#42
2,4,6-Tribromophenol
Concen: 134.875 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:330 Resp: 202104
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 29.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.065 ng

RT: 12.988 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

Tgt Ion:196 Resp: 106904

Ion Ratio Lower Upper

196 100

198 94.0 75.5 113.3

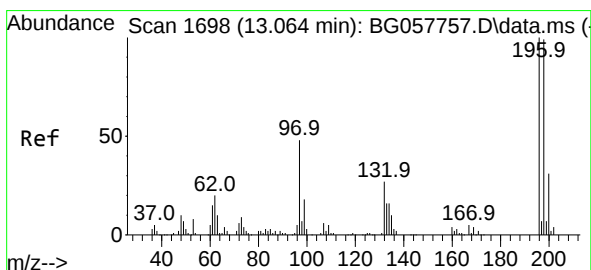
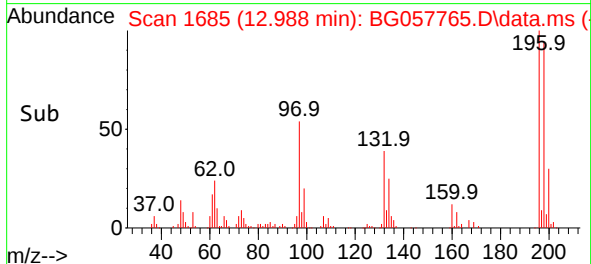
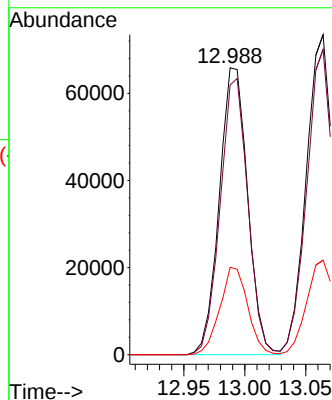
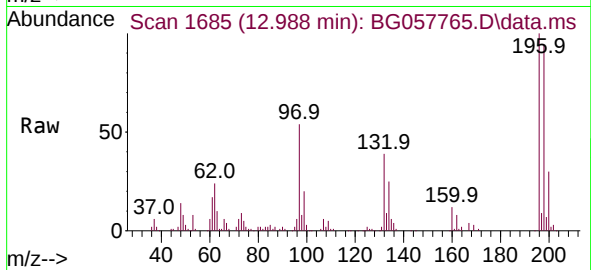
200 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#44

2,4,5-Trichlorophenol

Concen: 46.931 ng

RT: 13.064 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:196 Resp: 116813

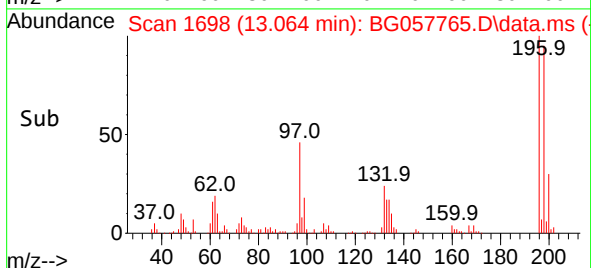
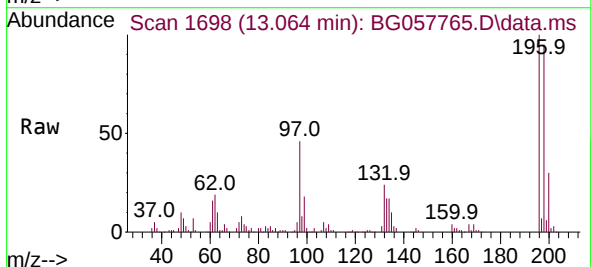
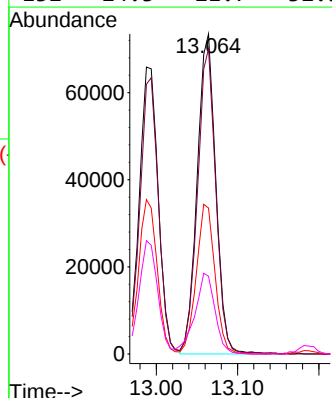
Ion Ratio Lower Upper

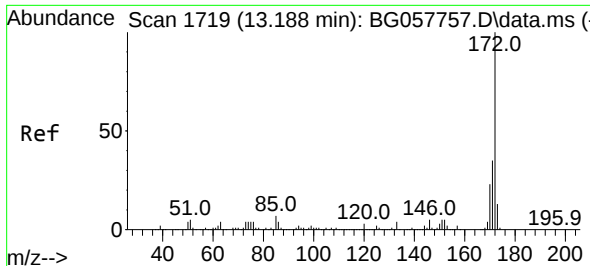
196 100

198 95.4 78.9 118.3

97 45.6 38.3 57.5

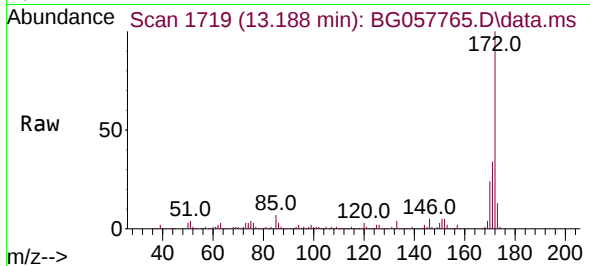
132 24.3 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 87.632 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

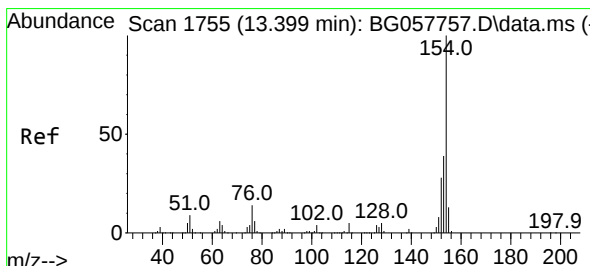
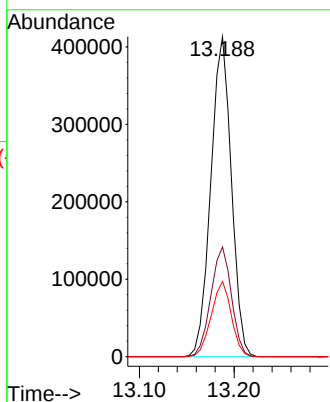
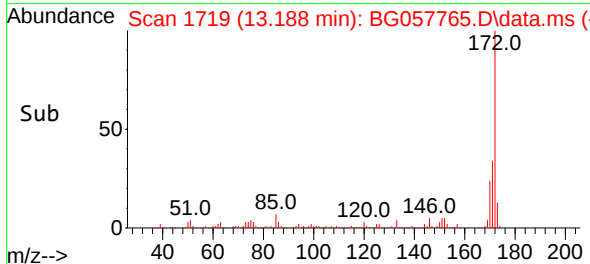
Instrument :
BNA_G
ClientSampleId :
PB153322BS



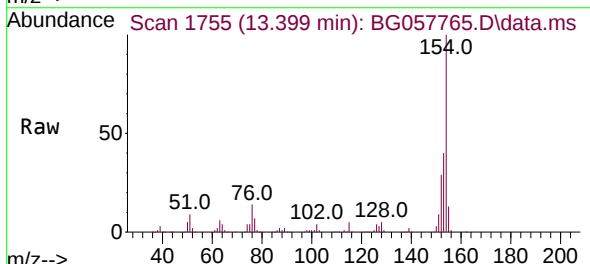
Tgt Ion:172 Resp: 621500
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.5 18.6 27.8

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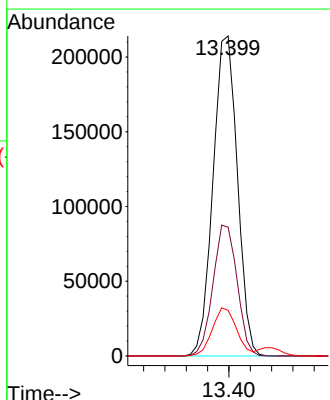
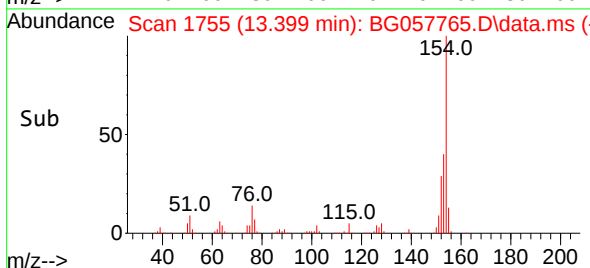
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

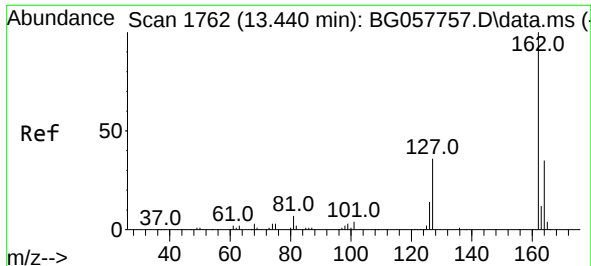


#46
1,1'-Biphenyl
Concen: 45.876 ng
RT: 13.399 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:154 Resp: 338847
Ion Ratio Lower Upper
154 100
153 40.2 19.1 59.1
76 14.3 0.0 34.3





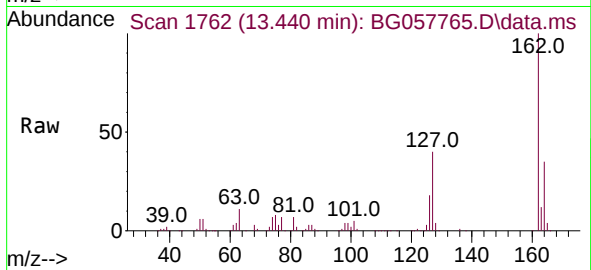
#47
2-Chloronaphthalene
Concen: 46.203 ng
RT: 13.440 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

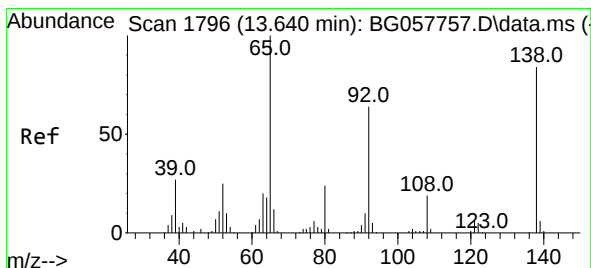
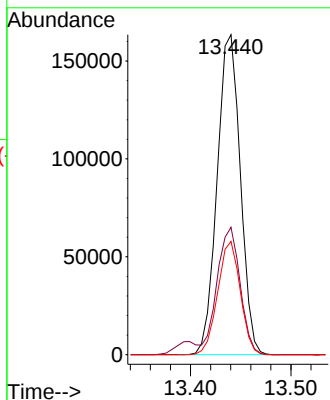
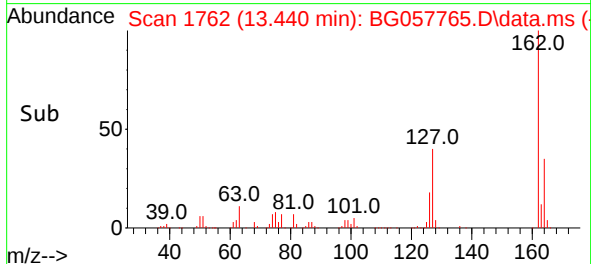


Tgt Ion:162 Resp: 262170
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 35.4 28.0 42.0

Manual Integrations

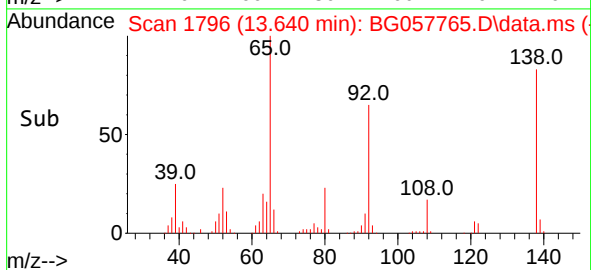
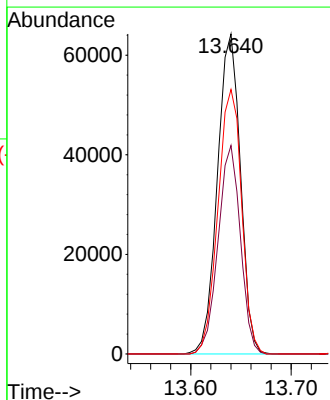
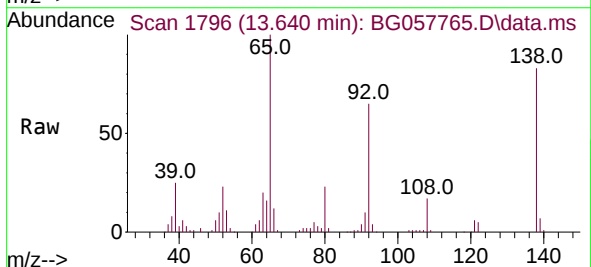
APPROVED

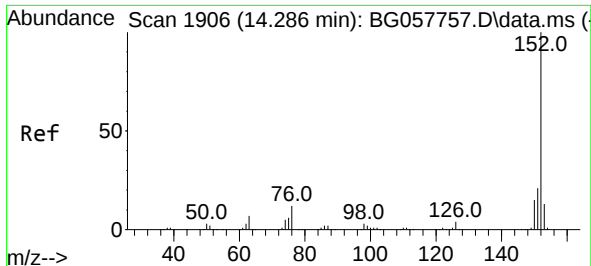
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#48
2-Nitroaniline
Concen: 50.687 ng
RT: 13.640 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

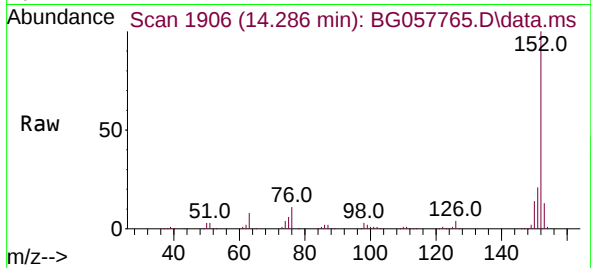
Tgt Ion: 65 Resp: 102210
Ion Ratio Lower Upper
65 100
92 65.2 51.2 76.8
138 82.6 67.2 100.8





#49
Acenaphthylene
Concen: 44.592 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

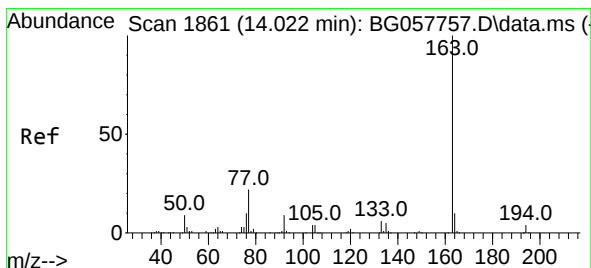
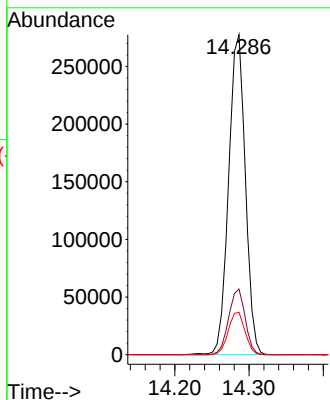
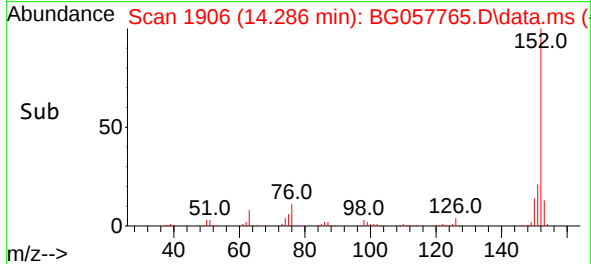
Instrument :
BNA_G
ClientSampleId :
PB153322BS



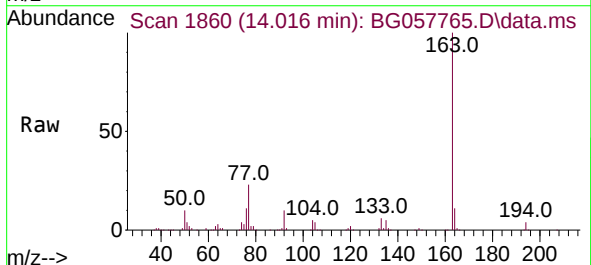
Tgt Ion:152 Resp: 434310
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.4
153 13.2 10.5 15.7

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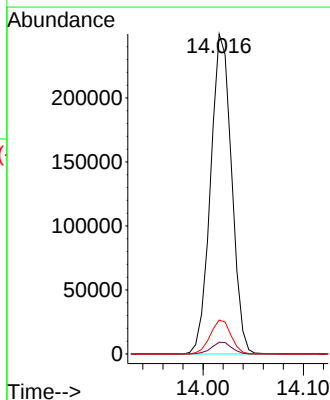
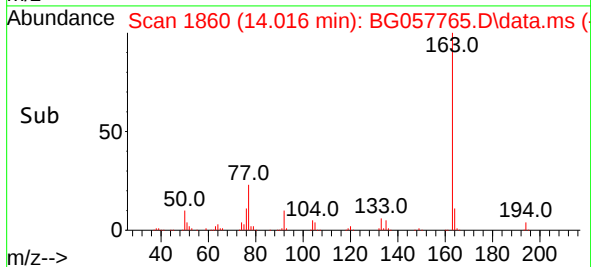
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

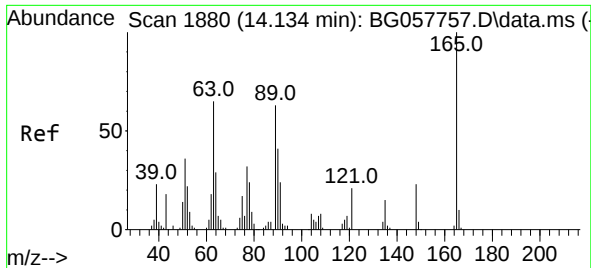


#50
Dimethylphthalate
Concen: 43.967 ng
RT: 14.016 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:163 Resp: 363259
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.861 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

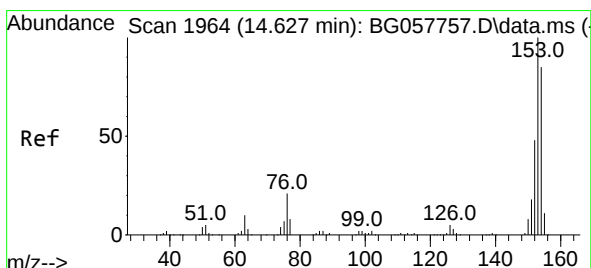
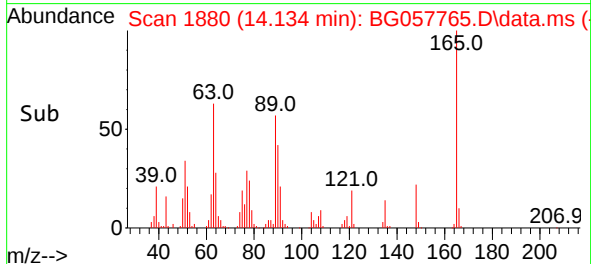
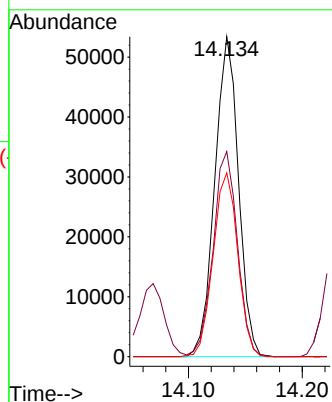
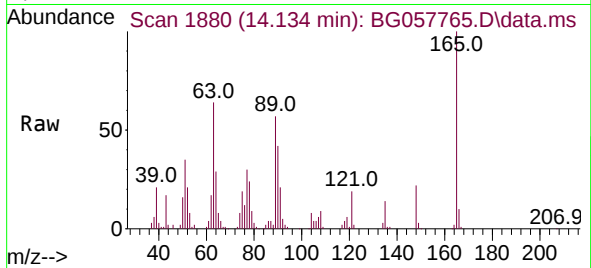
ClientSampleId :

PB153322BS

Tgt Ion:165 Resp: 7738
Ion Ratio Lower Upper
165 100
63 64.1 52.8 79.2
89 57.4 50.7 76.1

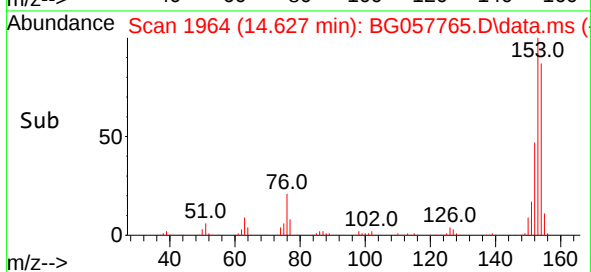
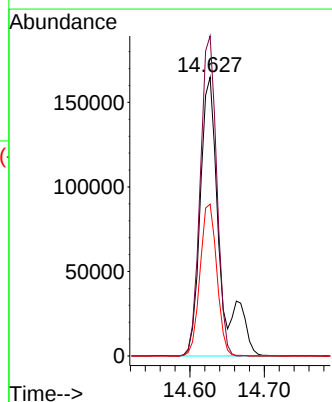
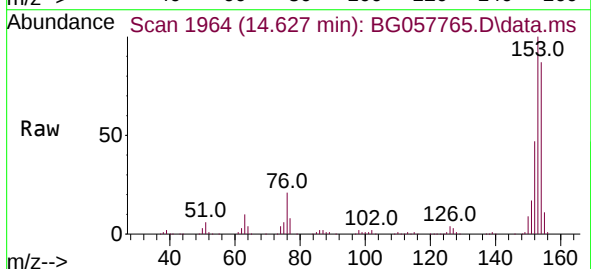
Manual Integrations
APPROVED

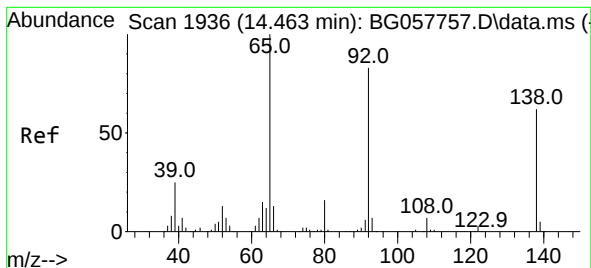
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 49.684 ng m
RT: 14.627 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:154 Resp: 299573
Ion Ratio Lower Upper
154 100
153 114.8 93.6 140.4
152 54.5 44.7 67.1





#53
3-Nitroaniline
Concen: 40.254 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

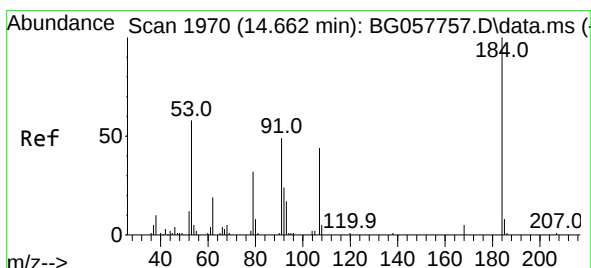
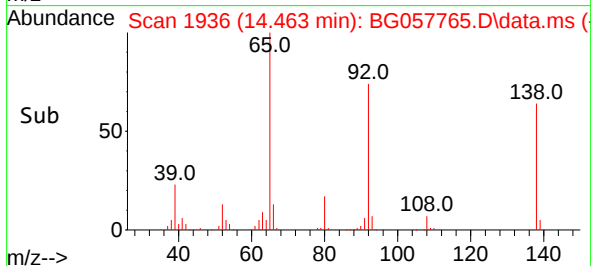
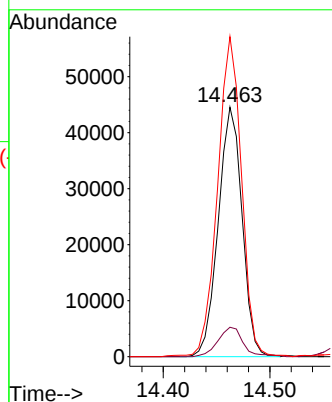
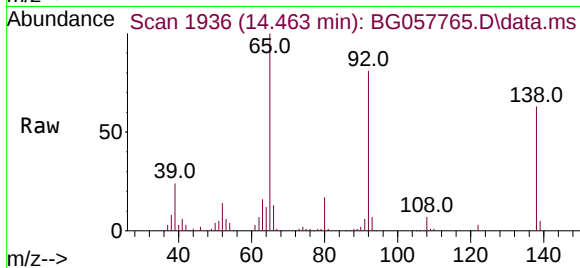
PB153322BS

Tgt Ion:138 Resp: 69019
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 128.3 106.4 159.6

Manual Integrations

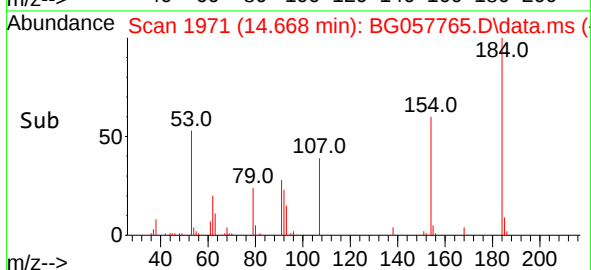
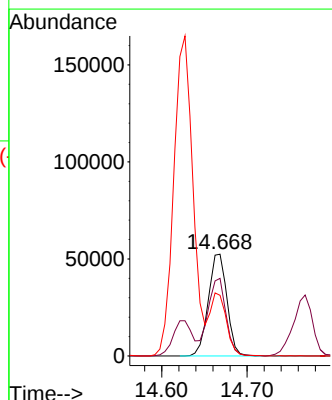
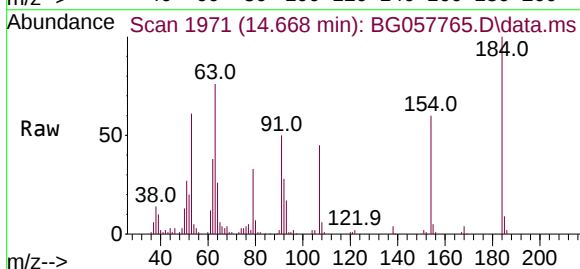
APPROVED

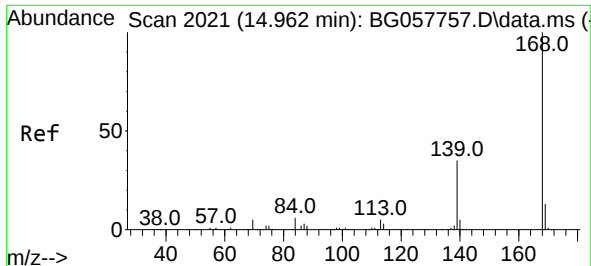
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 96.882 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:184 Resp: 79432
Ion Ratio Lower Upper
184 100
63 76.2 55.2 82.8
154 59.6 47.4 71.0





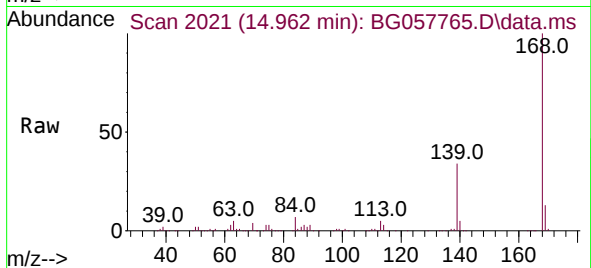
#55
Dibenzenofuran
Concen: 43.943 ng
RT: 14.962 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS



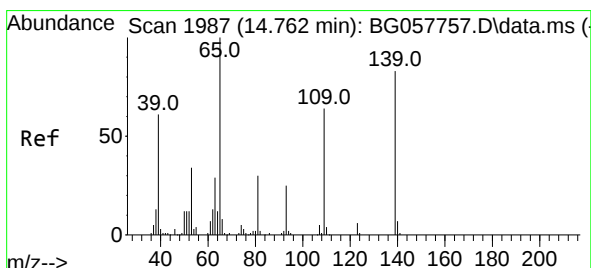
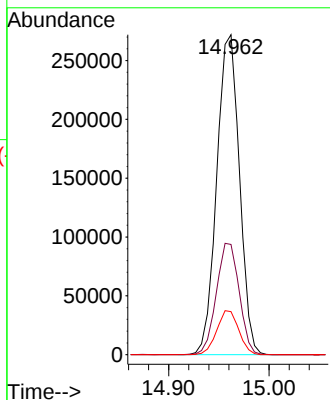
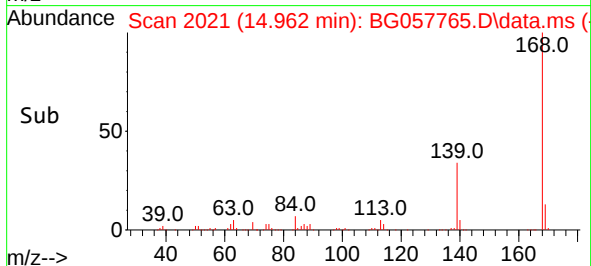
Tgt Ion:168 Resp: 42603
Ion Ratio Lower Upper
168 100
139 34.5 28.1 42.1
169 13.5 10.7 16.1

Manual Integrations

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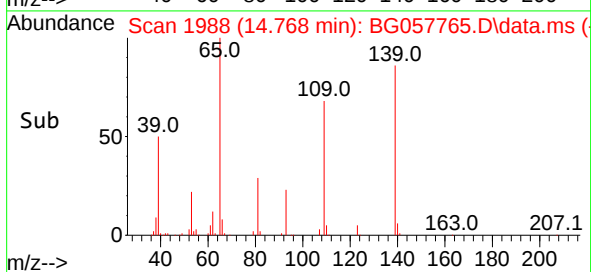
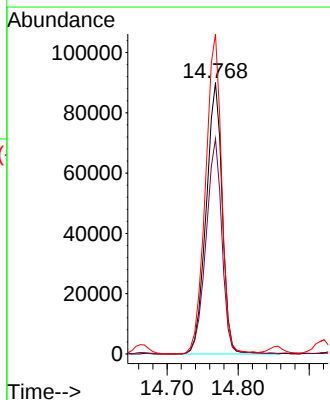
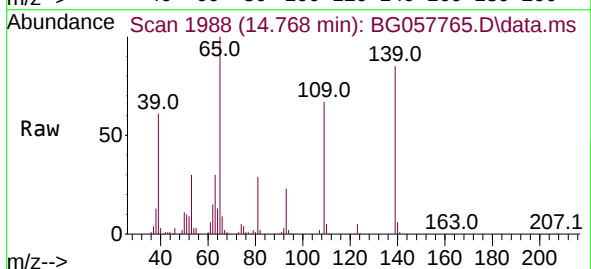
Reviewed By :Yogesh Patel 06/20/2023

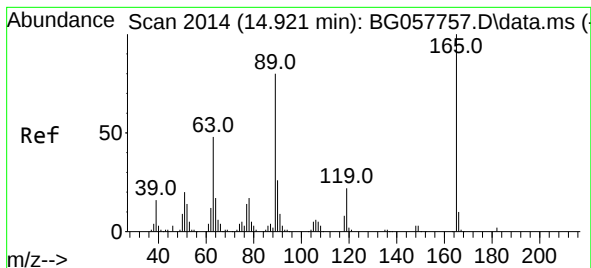
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 103.745 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:139 Resp: 141364
Ion Ratio Lower Upper
139 100
109 79.3 57.3 97.3
65 117.9 100.0 140.0





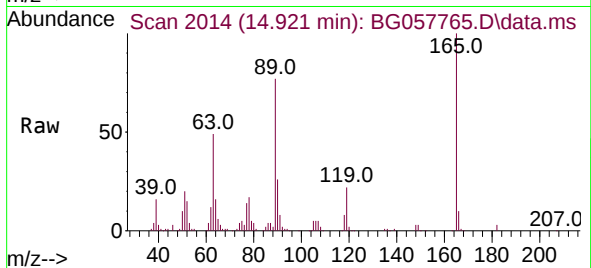
#57
2,4-Dinitrotoluene
Concen: 52.247 ng
RT: 14.921 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

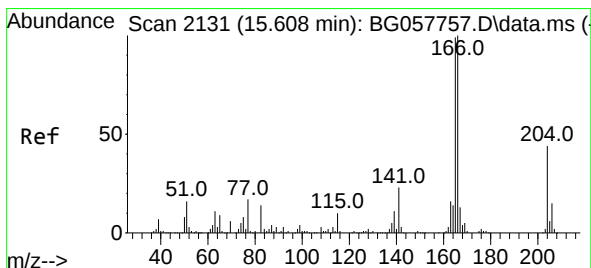
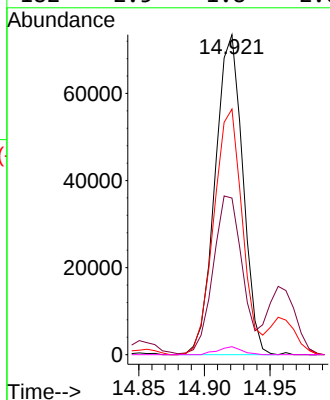
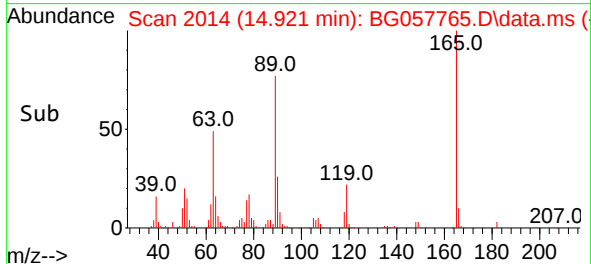


Tgt Ion:165 Resp: 10779
Ion Ratio Lower Upper
165 100
63 48.9 38.6 58.0
89 76.7 63.7 95.5
182 2.5 1.8 2.6

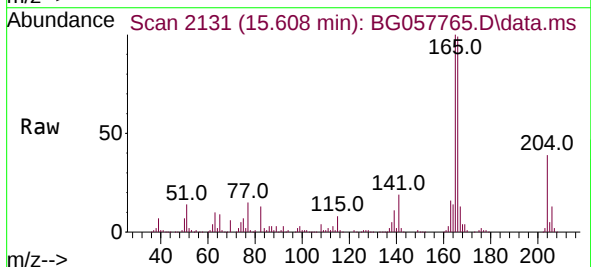
Manual Integrations

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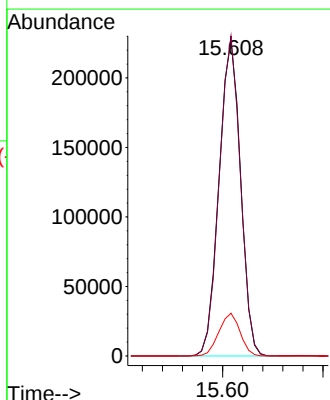
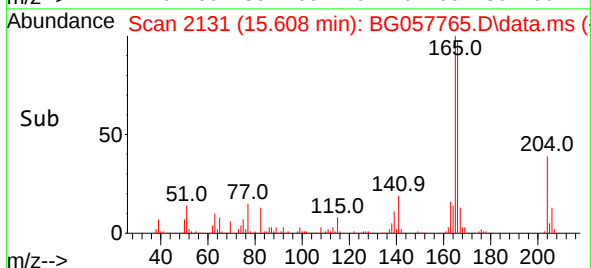
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

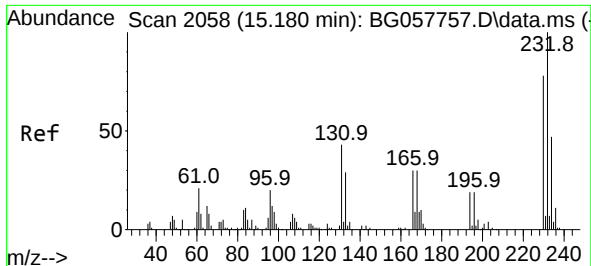


#58
Fluorene
Concen: 44.012 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:166 Resp: 337772
Ion Ratio Lower Upper
166 100
165 101.4 79.5 119.3
167 13.6 10.6 16.0





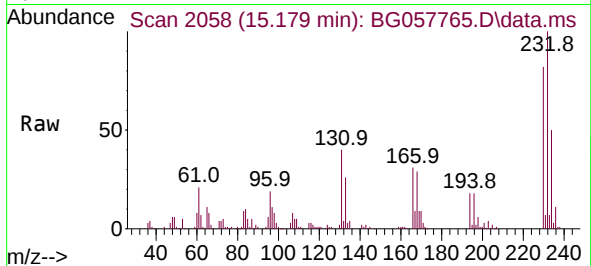
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.611 ng
RT: 15.179 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

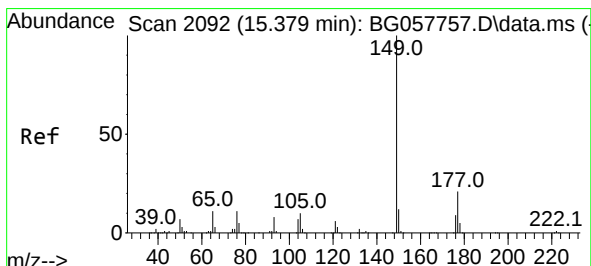
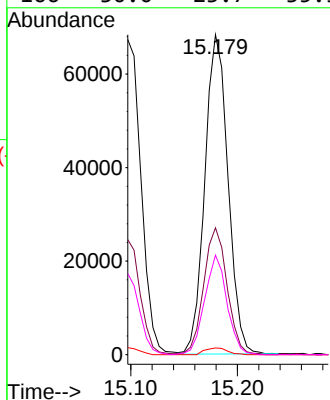
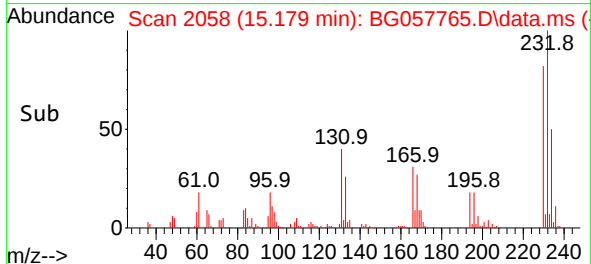


Tgt Ion:232 Resp: 10311
Ion Ratio Lower Upper
232 100
131 40.2 31.9 47.9
130 2.1 1.6 2.4
166 30.0 23.7 35.5

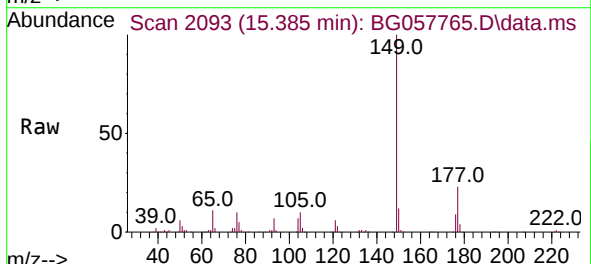
Manual Integrations

APPROVED

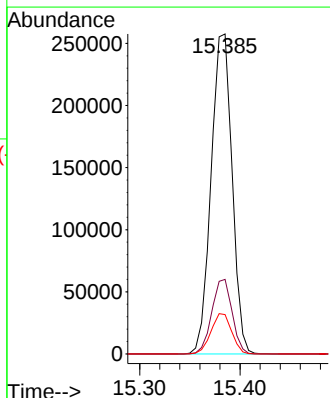
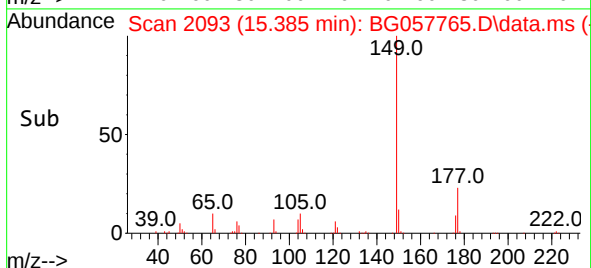
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

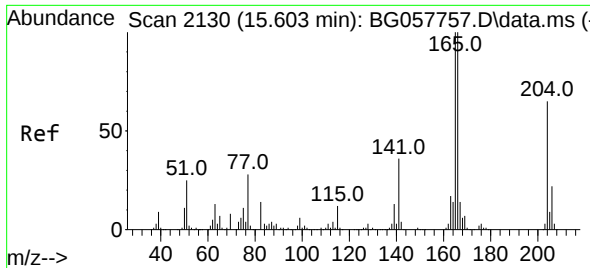


#60
Diethylphthalate
Concen: 44.032 ng
RT: 15.385 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:149 Resp: 373224
Ion Ratio Lower Upper
149 100
177 23.3 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.947 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

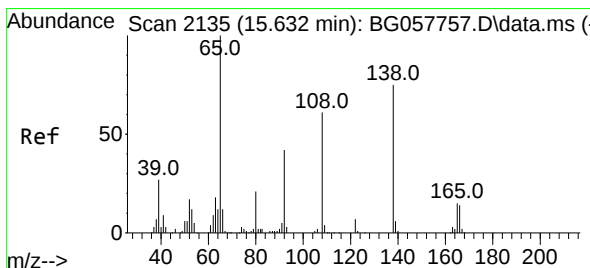
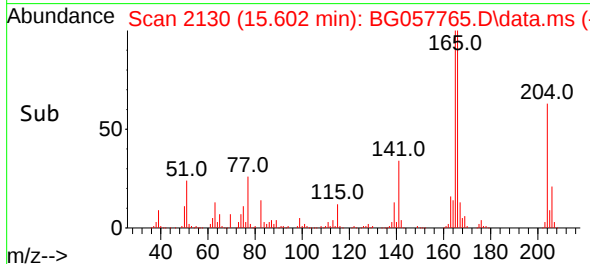
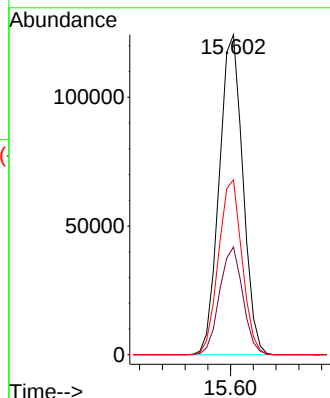
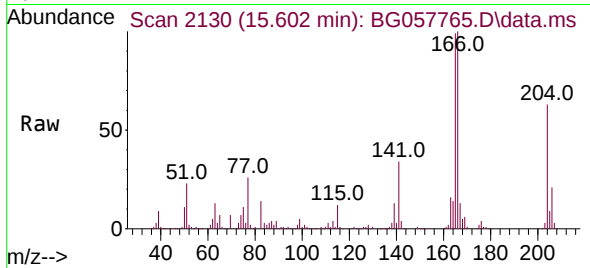
PB153322BS

Tgt Ion:204 Resp: 17933
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 54.6 44.3 66.5

Manual Integrations

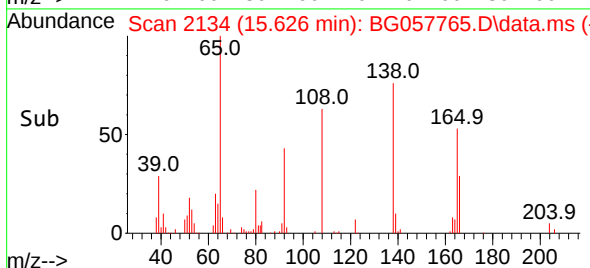
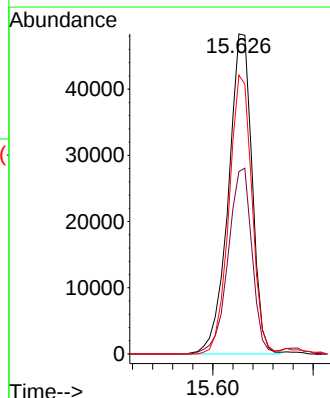
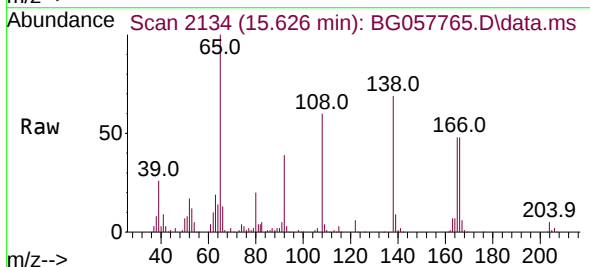
APPROVED

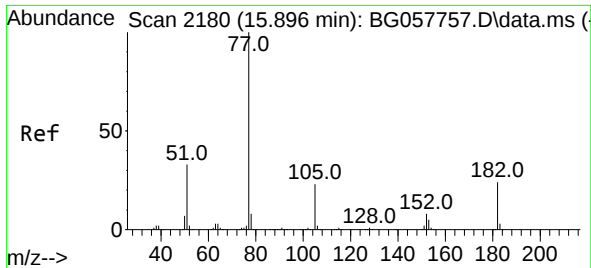
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 45.391 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:138 Resp: 79342
Ion Ratio Lower Upper
138 100
92 57.0 35.9 75.9
108 87.1 62.1 102.1





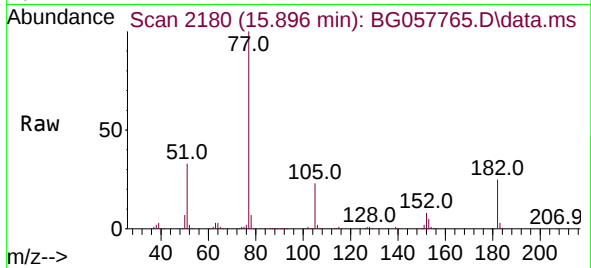
#63
Azobenzene
Concen: 43.460 ng
RT: 15.896 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

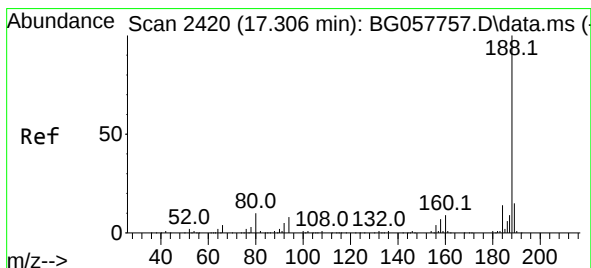
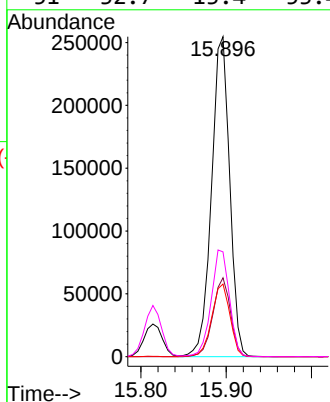
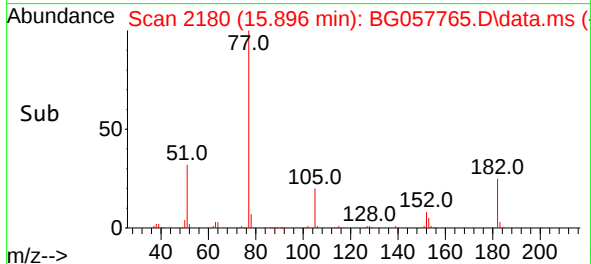


Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.1	44.1
105	22.7	3.3	43.3
51	32.7	13.4	53.4

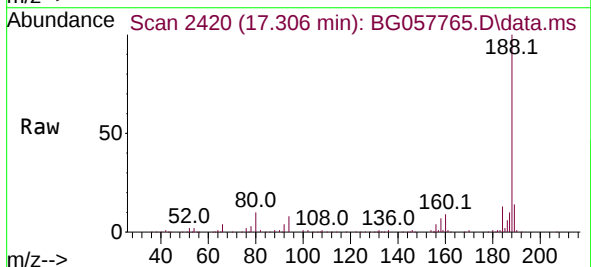
Manual Integrations

APPROVED

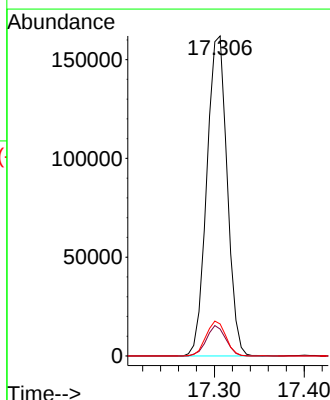
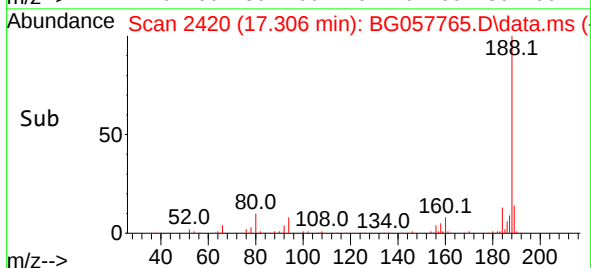
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

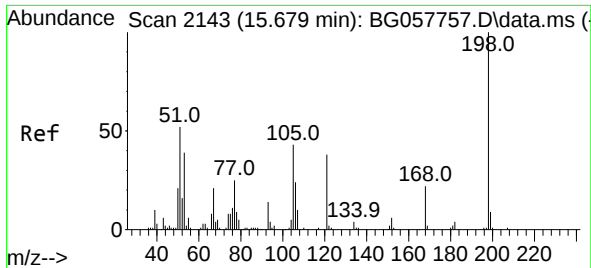


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	9.8
80	10.0	7.6	11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.620 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

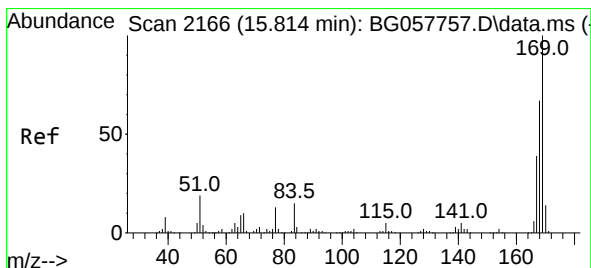
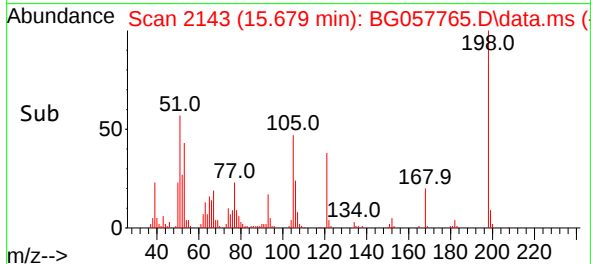
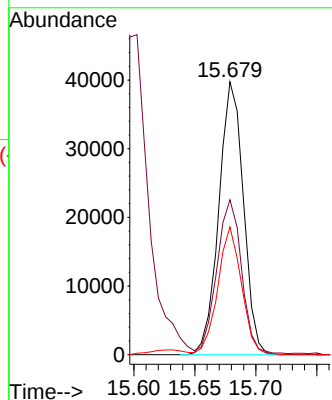
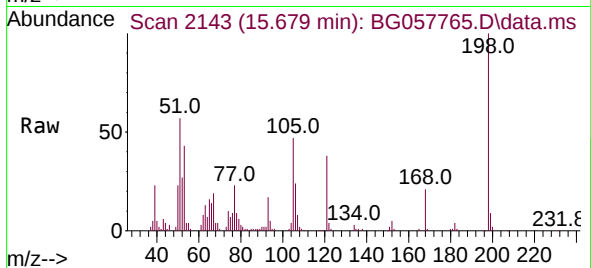
ClientSampleId :

PB153322BS

Tgt Ion:198 Resp: 5560
Ion Ratio Lower Upper
198 100
51 56.8 36.6 76.6
105 46.8 24.3 64.3

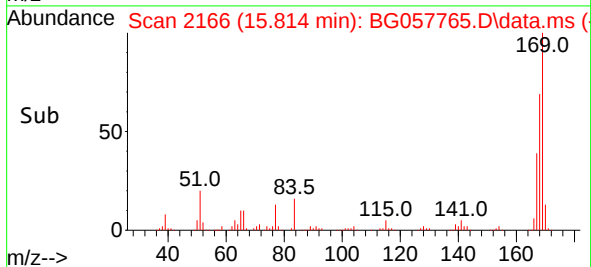
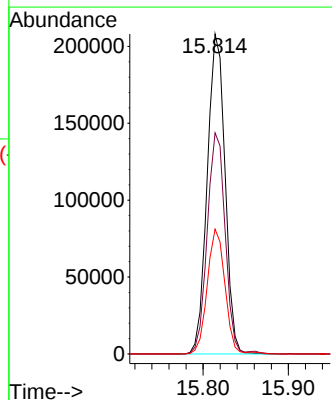
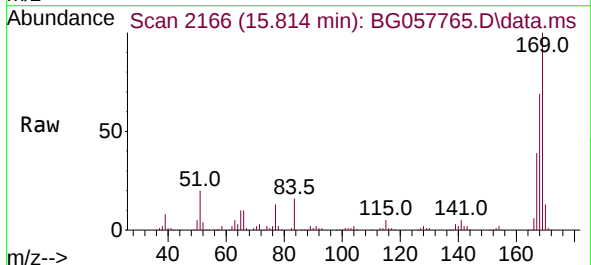
Manual Integrations
APPROVED

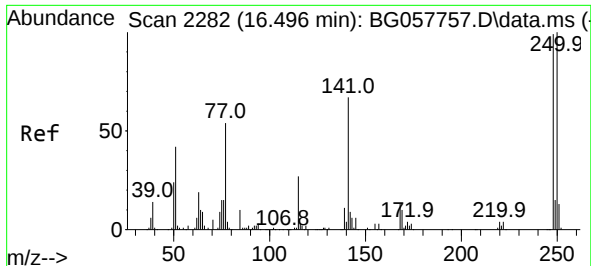
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 44.853 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

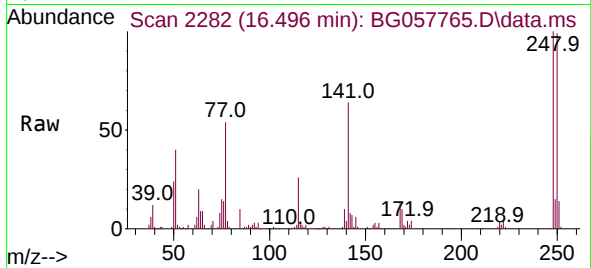
Tgt Ion:169 Resp: 301211
Ion Ratio Lower Upper
169 100
168 69.1 53.4 80.2
167 39.0 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 44.781 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

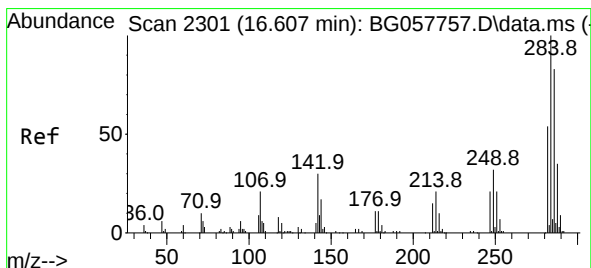
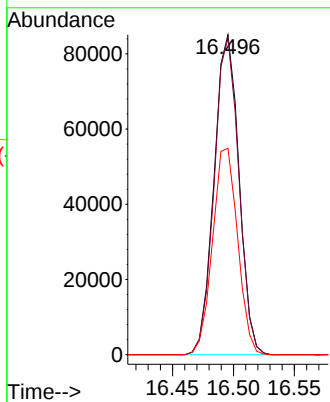
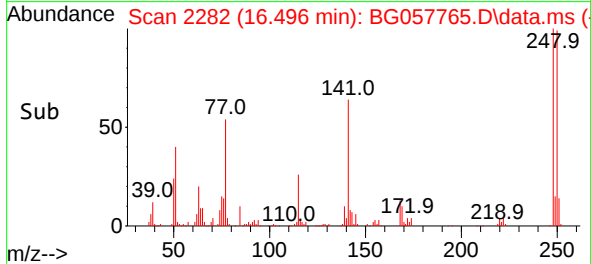
Instrument :
BNA_G
ClientSampleId :
PB153322BS



Tgt Ion:248 Resp: 120839
Ion Ratio Lower Upper
248 100
250 98.9 81.1 121.7
141 64.5 54.6 81.8

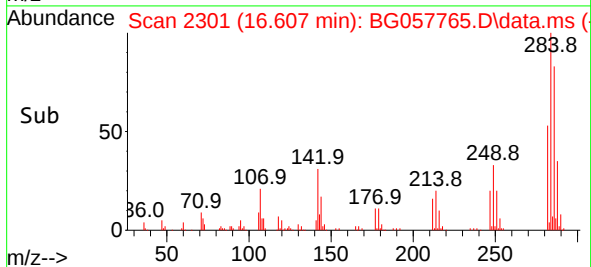
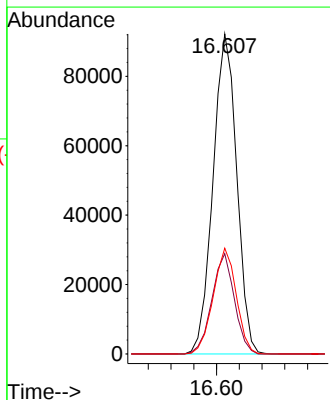
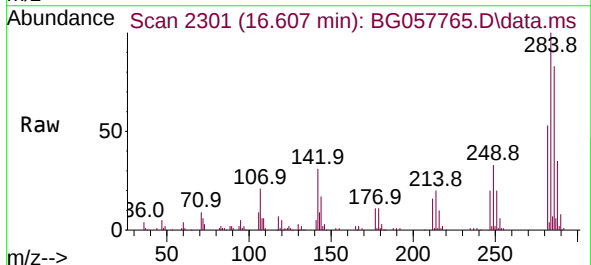
Manual Integrations
APPROVED

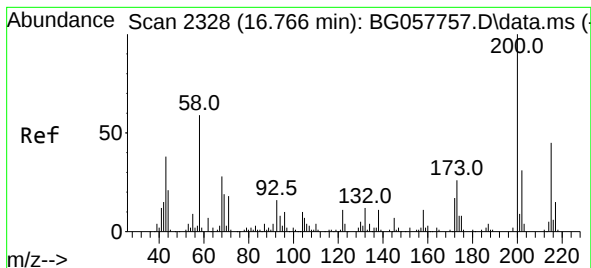
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#68
Hexachlorobenzene
Concen: 48.489 ng
RT: 16.607 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:284 Resp: 133390
Ion Ratio Lower Upper
284 100
142 31.3 24.2 36.4
249 33.0 25.9 38.9





#69

Atrazine

Concen: 53.223 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

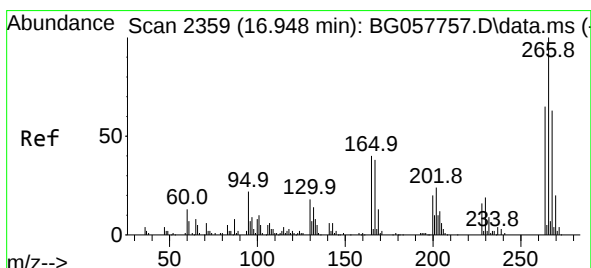
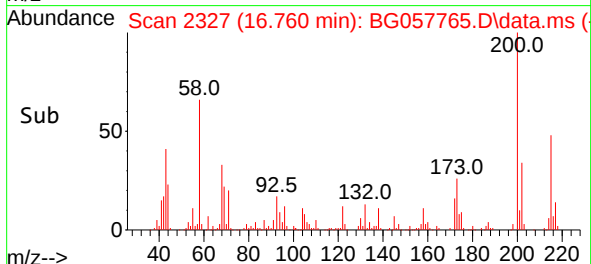
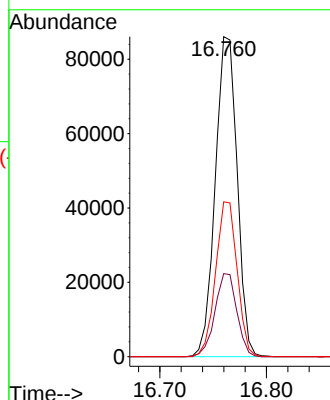
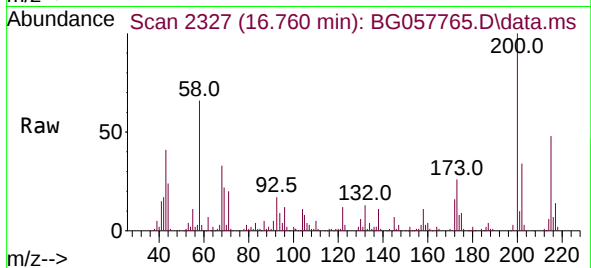
PB153322BS

Tgt Ion:200 Resp: 122694
 Ion Ratio Lower Upper
 200 100
 173 26.0 5.6 45.6
 215 48.4 24.6 64.6

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 87.543 ng

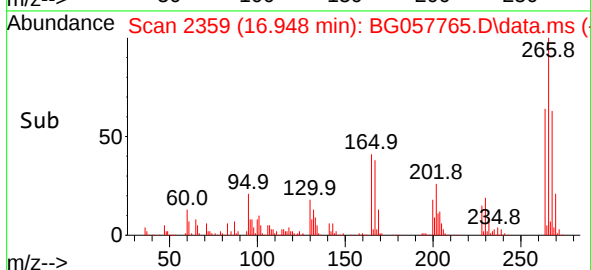
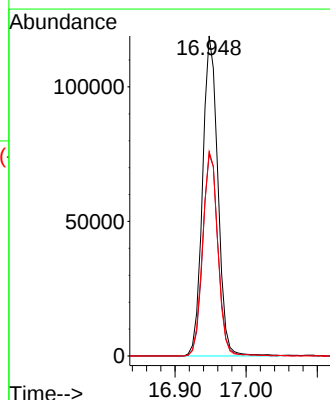
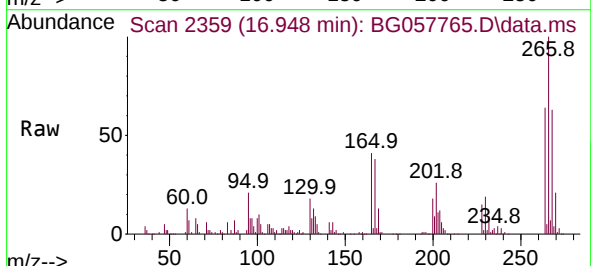
RT: 16.948 min Scan# 2359

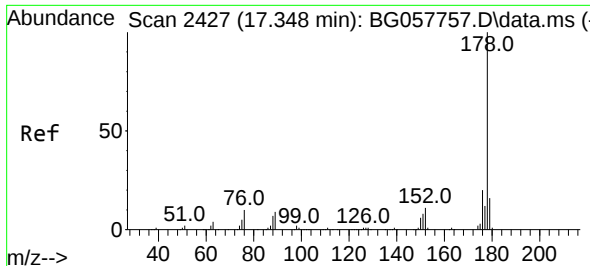
Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:266 Resp: 177915
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.5 75.7
 264 63.9 51.8 77.6





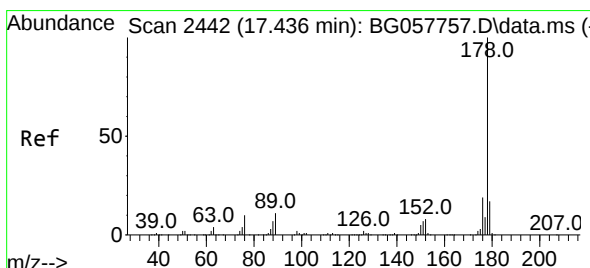
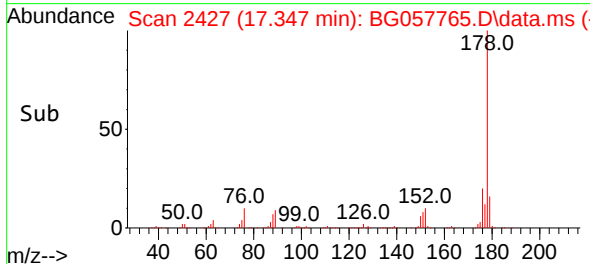
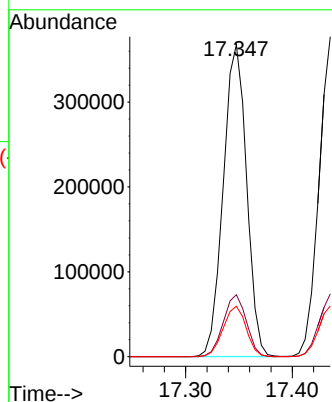
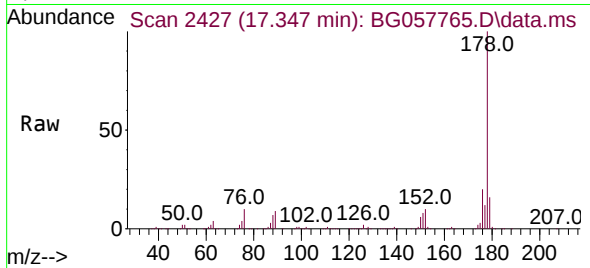
#71
Phenanthrene
Concen: 45.296 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :
BNA_G
ClientSampleId :
PB153322BS

Tgt Ion:178 Resp: 558036
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.2 13.0 19.6

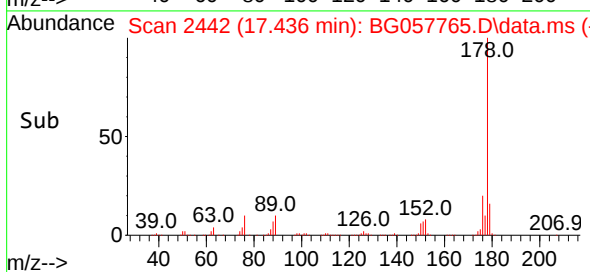
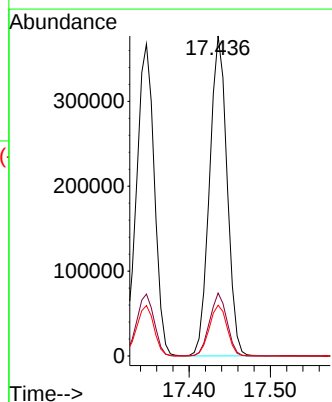
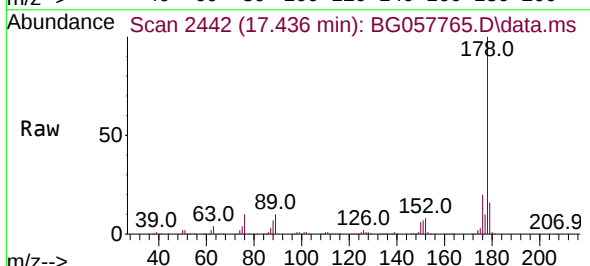
Manual Integrations
APPROVED

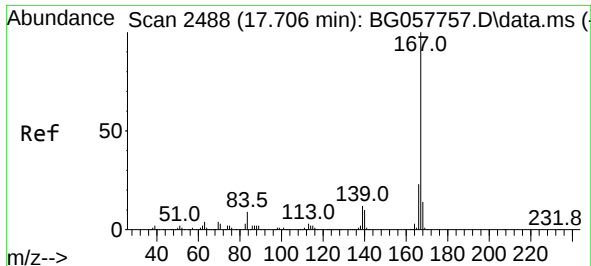
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#72
Anthracene
Concen: 44.847 ng
RT: 17.436 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Tgt Ion:178 Resp: 564179
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.8 13.3 19.9





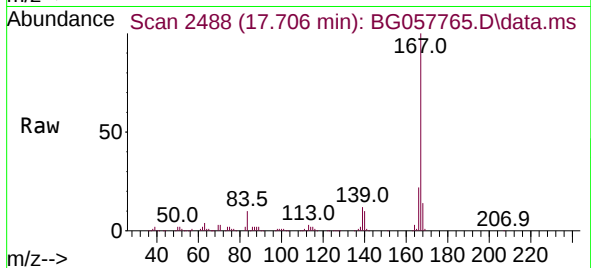
#73
 Carbazole
 Concen: 46.071 ng
 RT: 17.706 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BG057765.D
 Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

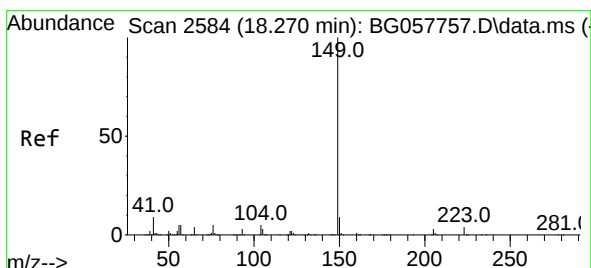
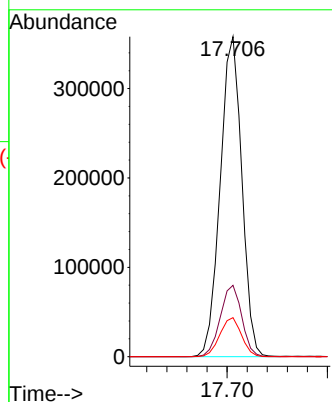
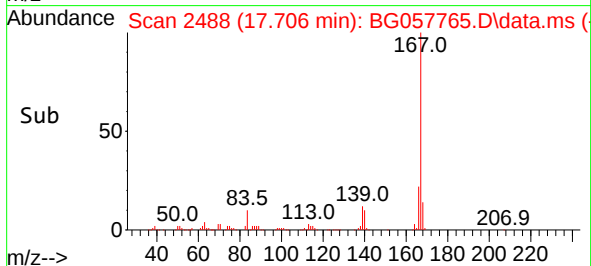


Tgt Ion:167 Resp: 53438
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 12.2 9.9 14.9

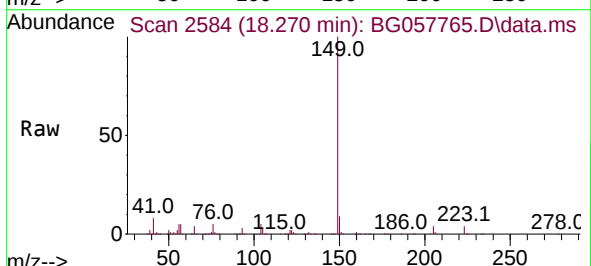
Manual Integrations

APPROVED

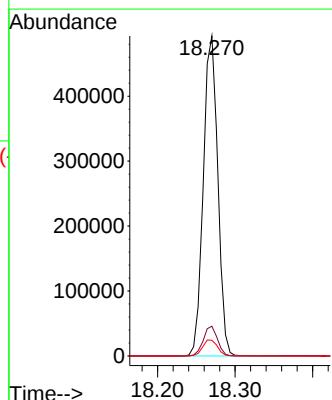
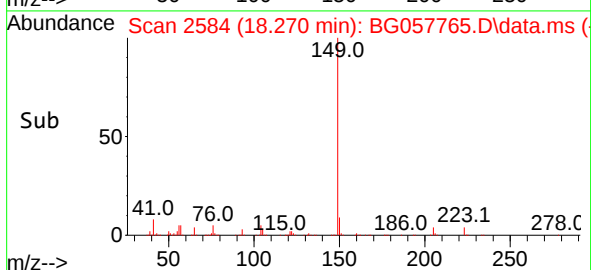
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

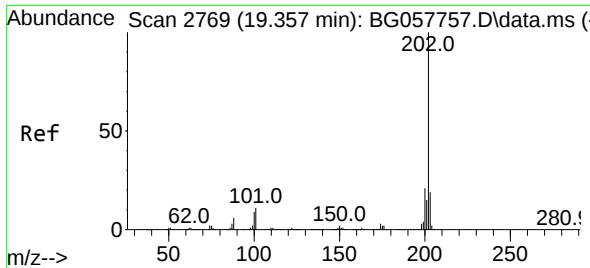


#74
 Di-n-butylphthalate
 Concen: 46.500 ng
 RT: 18.270 min Scan# 2584
 Delta R.T. -0.000 min
 Lab File: BG057765.D
 Acq: 19 Jun 2023 21:47



Tgt Ion:149 Resp: 638641
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





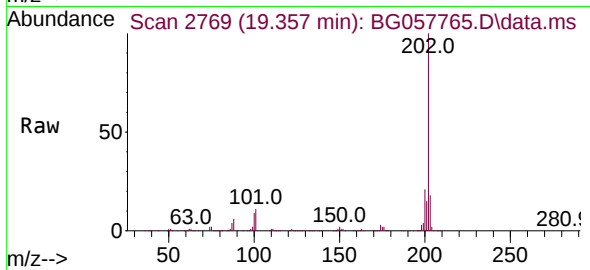
#75
Fluoranthene
Concen: 45.430 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

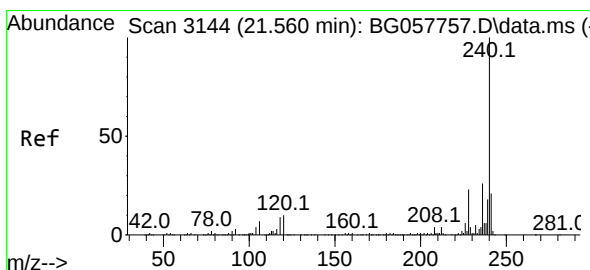
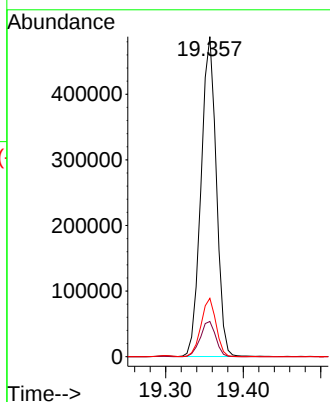
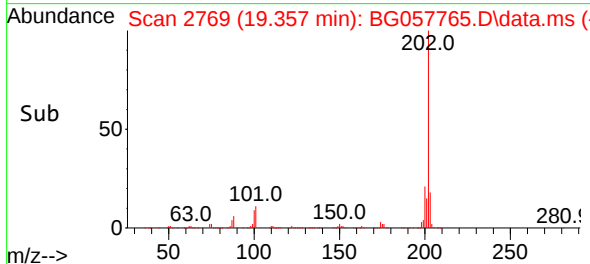


Tgt Ion:202 Resp: 666749
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 18.3 0.0 38.7

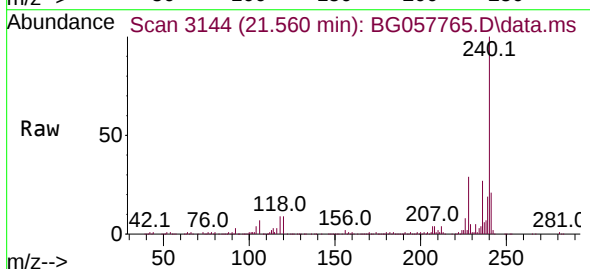
Manual Integrations

APPROVED

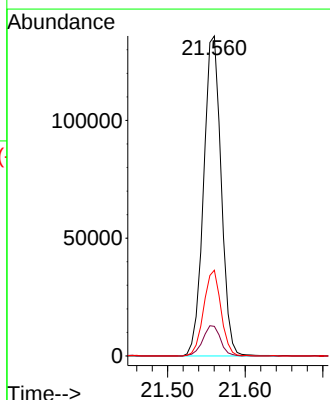
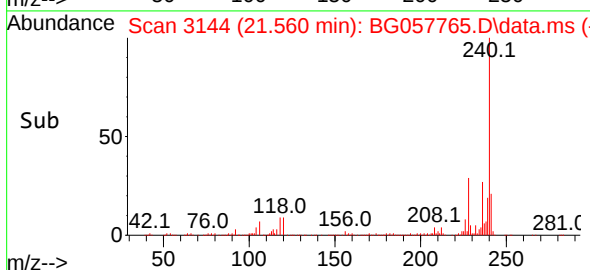
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

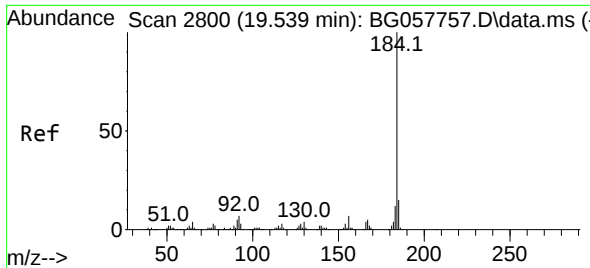


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



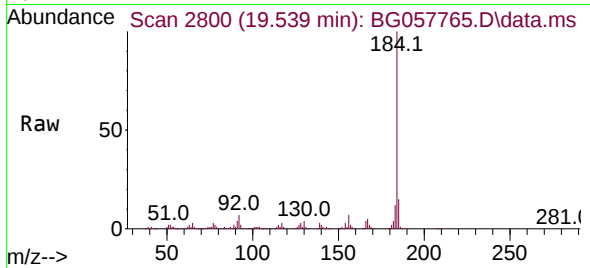
Tgt Ion:240 Resp: 213078
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.8 20.6 30.8





#77
Benzidine
Concen: 92.537 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

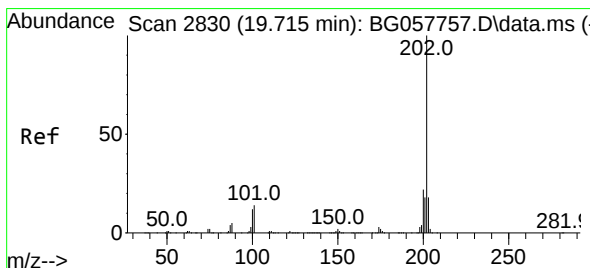
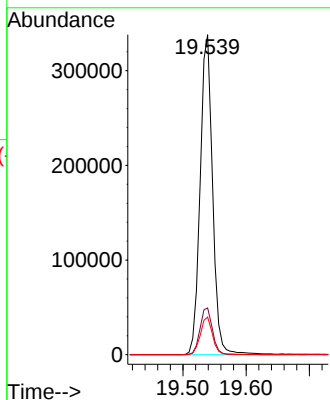
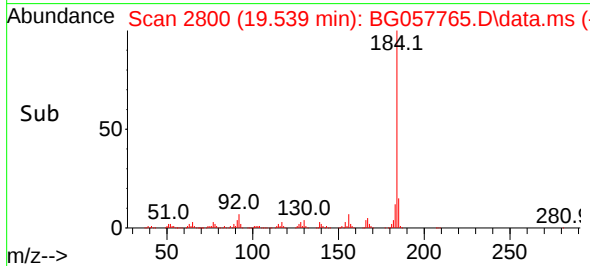
Instrument :
BNA_G
ClientSampleId :
PB153322BS



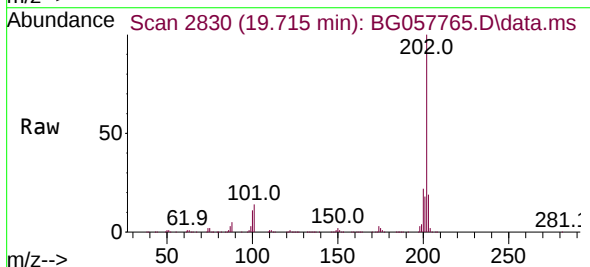
Tgt Ion:184 Resp: 462200
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 11.7 9.4 14.0

Manual Integrations
APPROVED

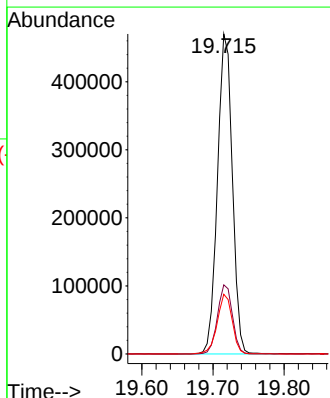
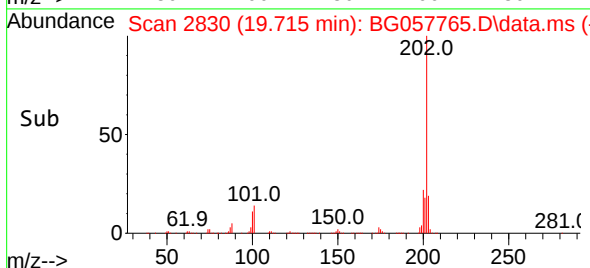
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

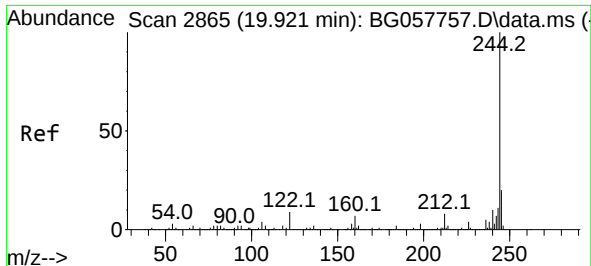


#78
Pyrene
Concen: 44.733 ng
RT: 19.715 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:202 Resp: 679938
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 18.7 14.6 22.0





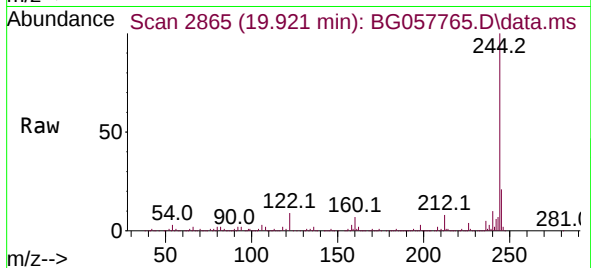
#79
 Terphenyl-d14
 Concen: 92.788 ng
 RT: 19.921 min Scan# 2865
 Delta R.T. -0.000 min
 Lab File: BG057765.D
 Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

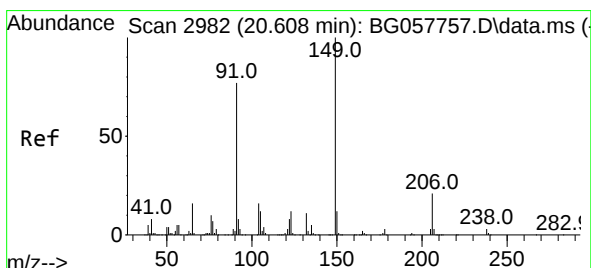
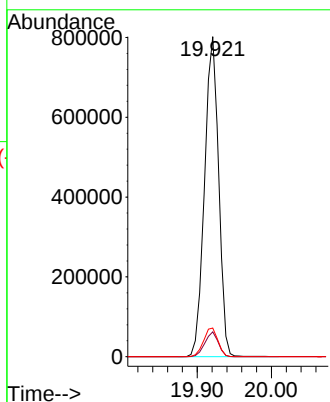
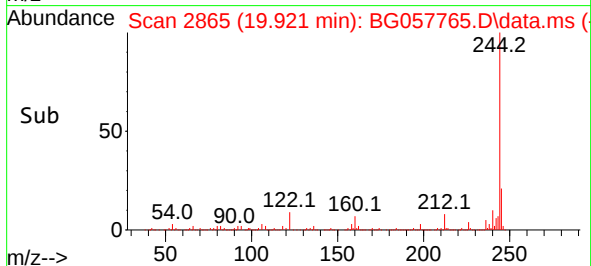


Tgt Ion:244 Resp: 1060290
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.0 7.6 11.4

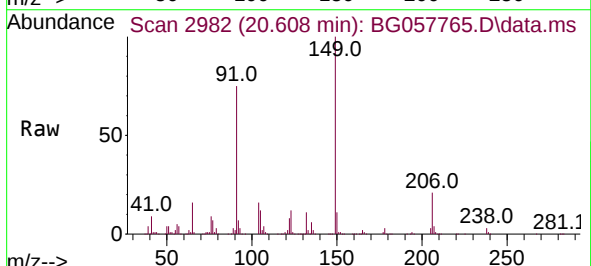
Manual Integrations

APPROVED

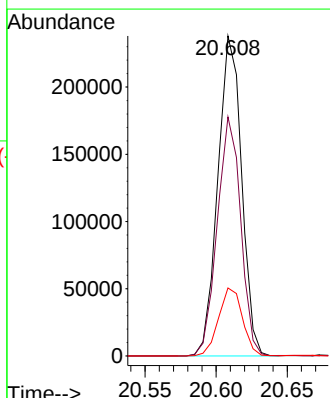
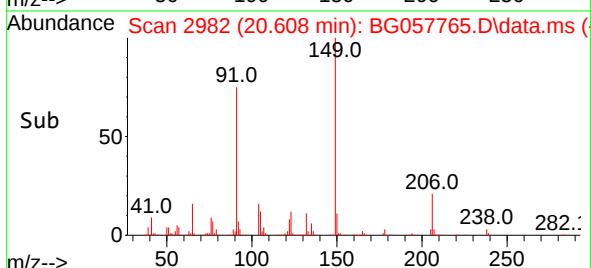
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

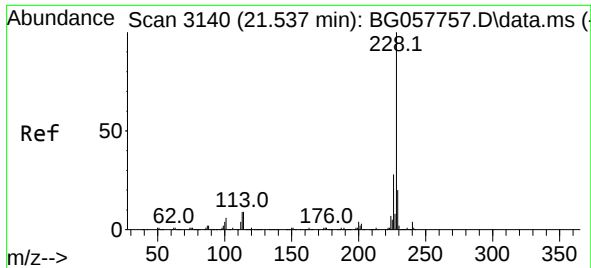


#80
 Butylbenzylphthalate
 Concen: 47.800 ng
 RT: 20.608 min Scan# 2982
 Delta R.T. -0.000 min
 Lab File: BG057765.D
 Acq: 19 Jun 2023 21:47



Tgt Ion:149 Resp: 276388
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.7 92.5
 206 21.2 16.6 24.8





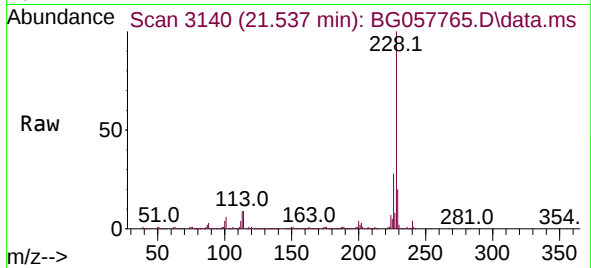
#81
Benzo(a)anthracene
Concen: 46.294 ng
RT: 21.537 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

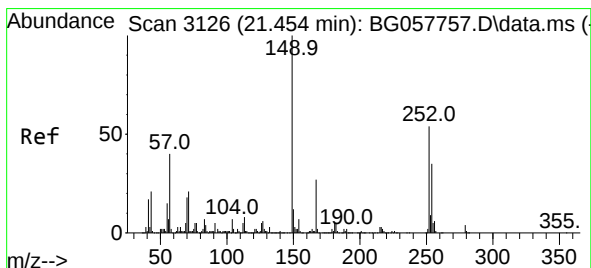
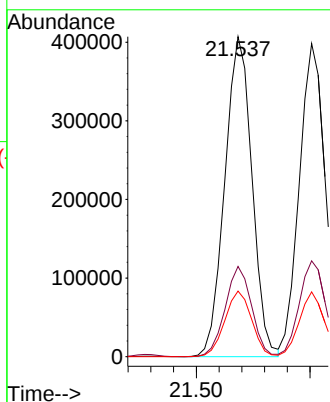
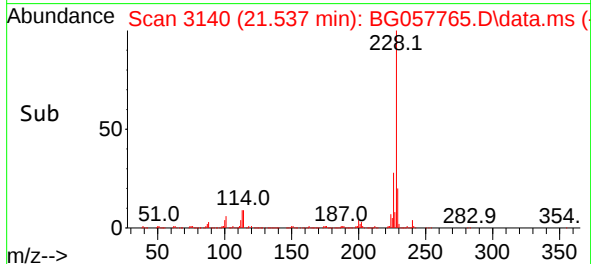


Tgt Ion:228 Resp: 676778
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.5 16.3 24.5

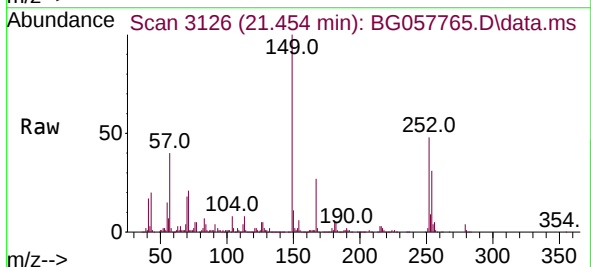
Manual Integrations

APPROVED

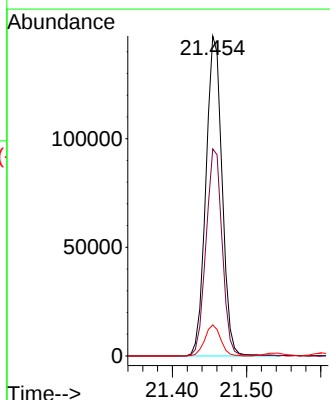
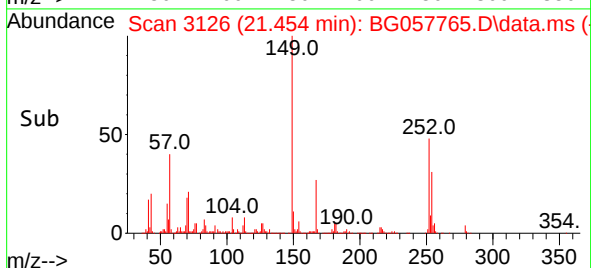
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

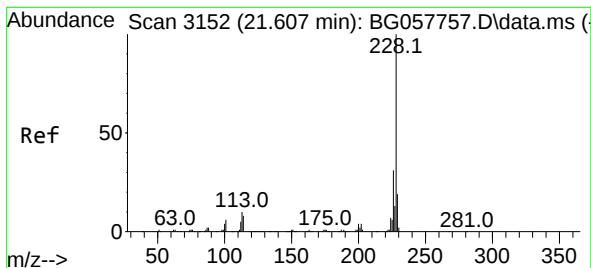


#82
3,3'-Dichlorobenzidine
Concen: 44.877 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:252 Resp: 223140
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.6
126 9.7 7.0 10.6





#83

Chrysene

Concen: 44.791 ng

RT: 21.601 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

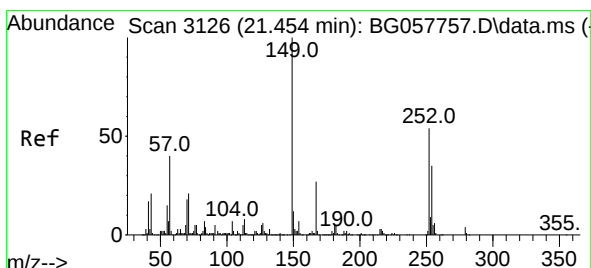
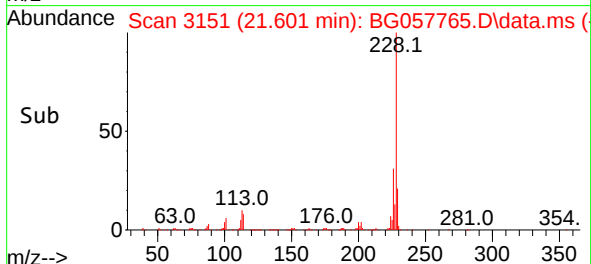
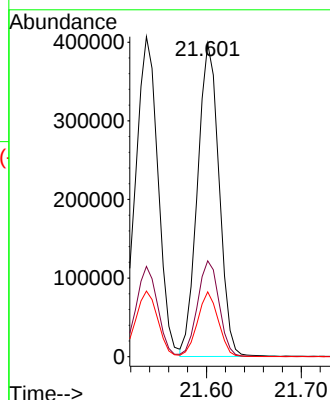
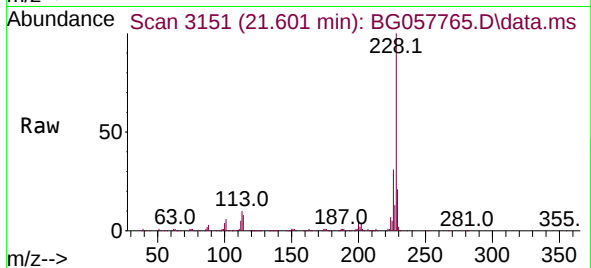
ClientSampleId :

PB153322BS

Tgt Ion:228 Resp: 628400
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.8 37.2
 229 20.7 15.6 23.4

Manual Integrations
 APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.641 ng

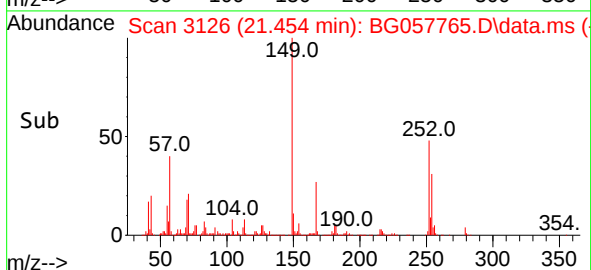
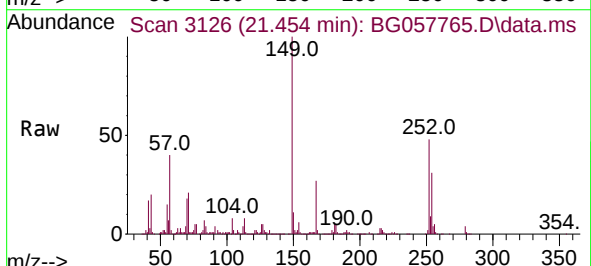
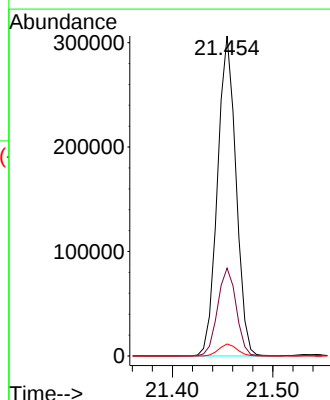
RT: 21.454 min Scan# 3126

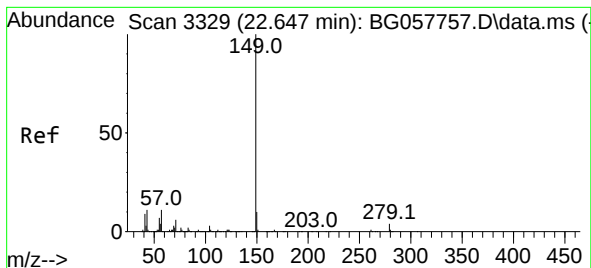
Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:149 Resp: 391557
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 3.8 2.9 4.3





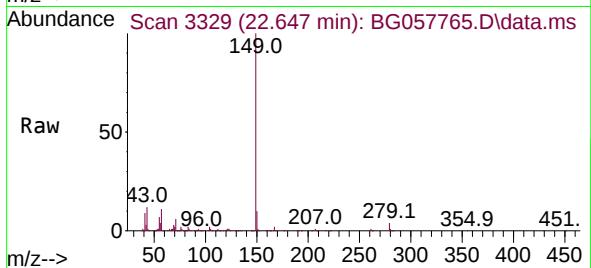
#85
Di-n-octyl phthalate
Concen: 49.278 ng
RT: 22.647 min Scan# 3329
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

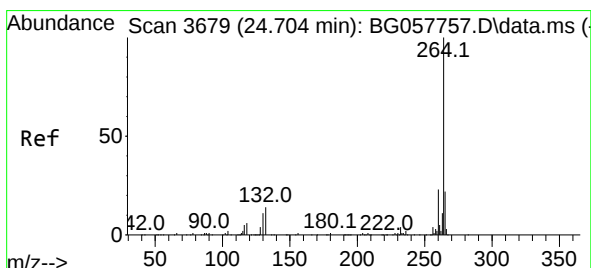
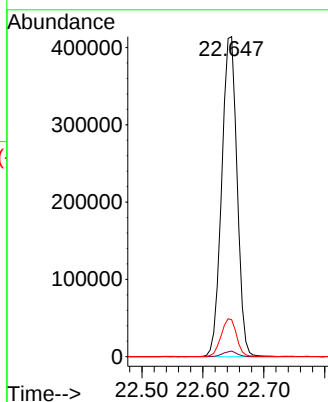
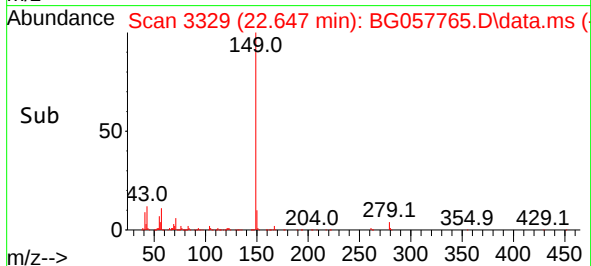


Tgt Ion:149 Resp: 725608
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 9.6 14.4

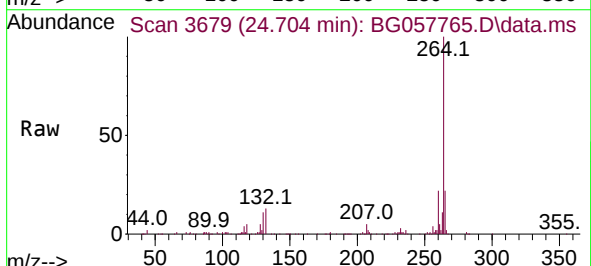
Manual Integrations

APPROVED

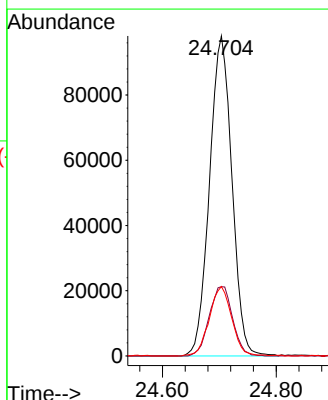
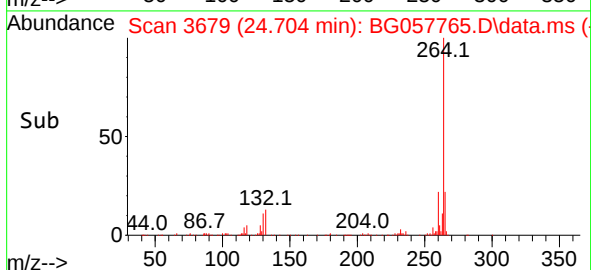
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

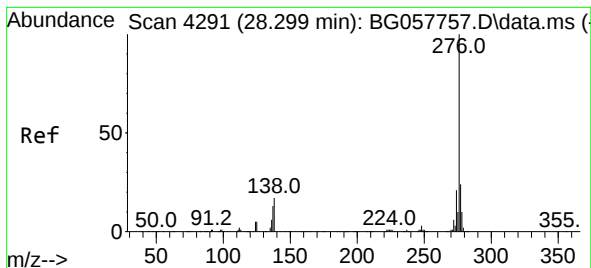


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.704 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:264 Resp: 268481
Ion Ratio Lower Upper
264 100
260 21.6 18.5 27.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.013 ng

RT: 28.299 min Scan# 4291

Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

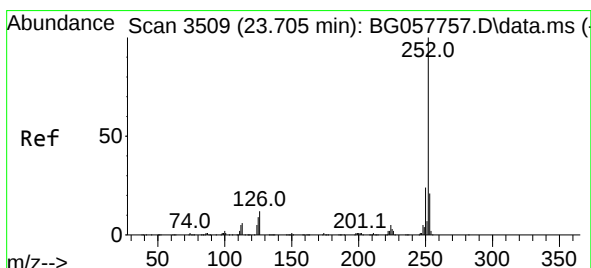
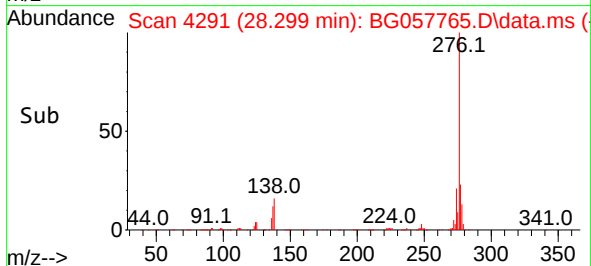
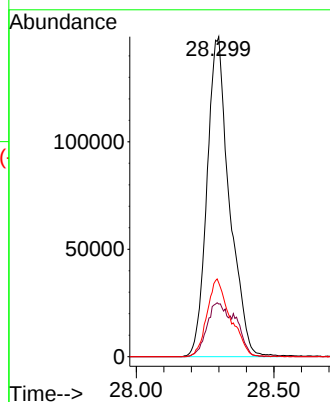
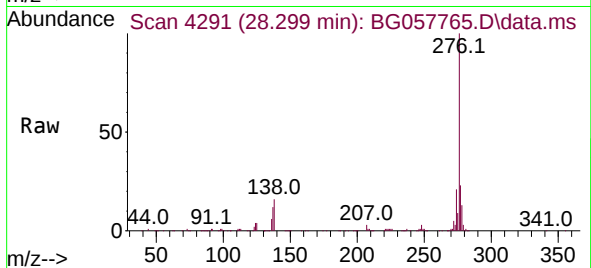
Tgt Ion:276 Resp: 842800
 Ion Ratio Lower Upper
 276 100
 138 14.6 11.3 16.9
 277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#88

Benzo(b)fluoranthene

Concen: 49.074 ng

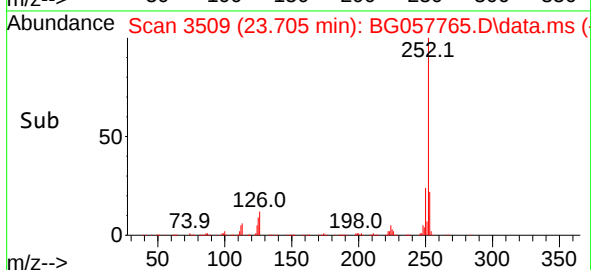
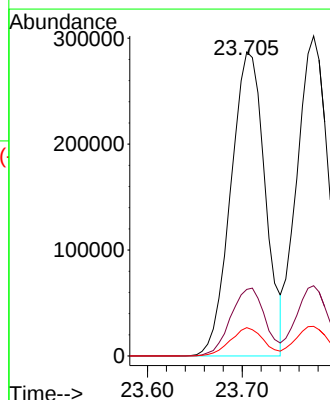
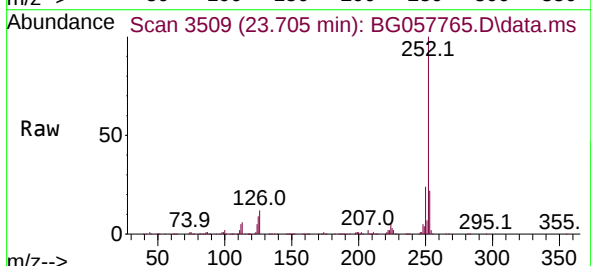
RT: 23.705 min Scan# 3509

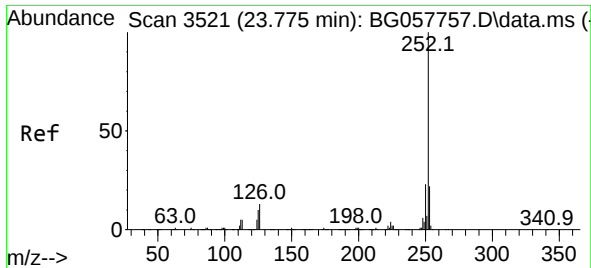
Delta R.T. -0.000 min

Lab File: BG057765.D

Acq: 19 Jun 2023 21:47

Tgt Ion:252 Resp: 722001
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.1 25.7
 125 9.3 7.4 11.0





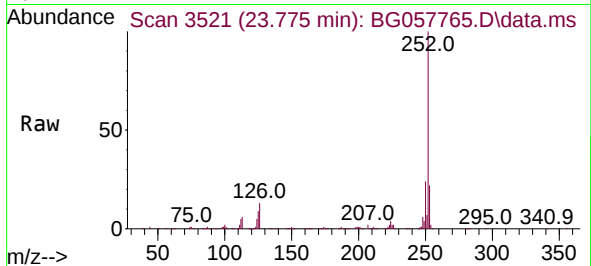
#89
Benzo(k)fluoranthene
Concen: 46.649 ng
RT: 23.775 min Scan# 3521
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

Instrument :

BNA_G

ClientSampleId :

PB153322BS

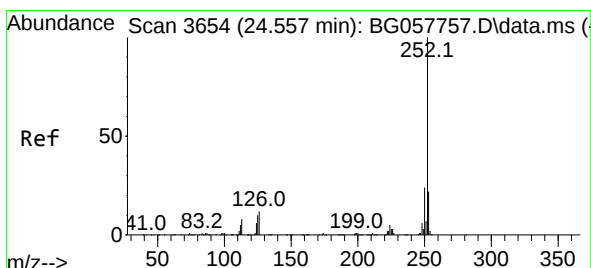
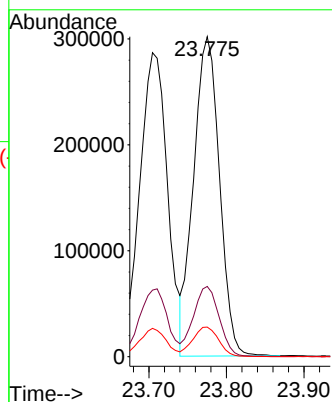
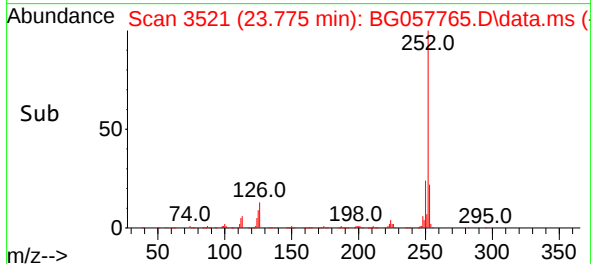


Tgt Ion:252 Resp: 69899
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.3 7.6 11.4

Manual Integrations

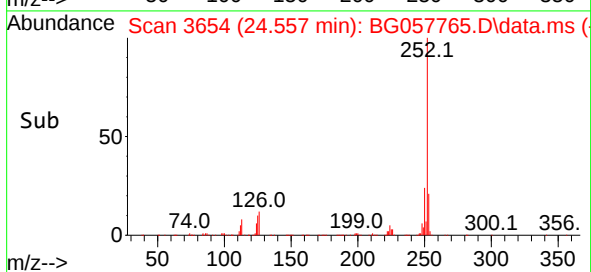
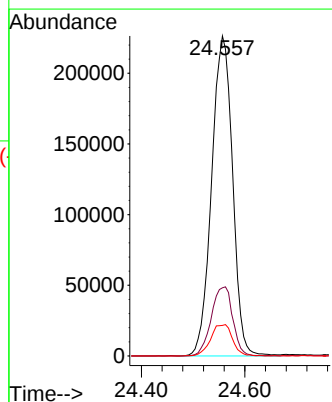
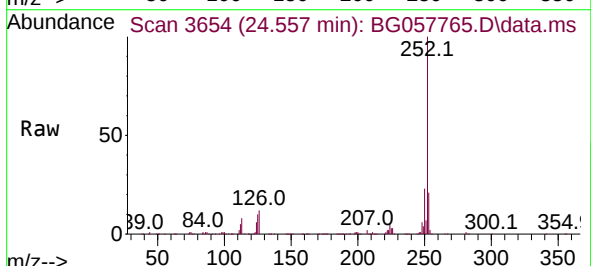
APPROVED

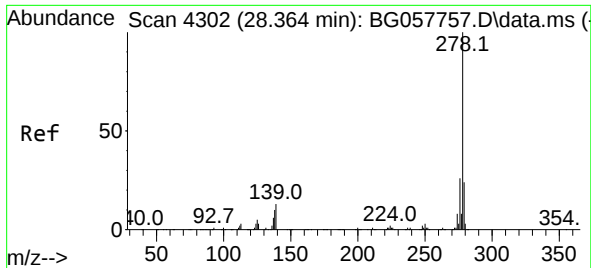
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#90
Benzo(a)pyrene
Concen: 44.068 ng
RT: 24.557 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

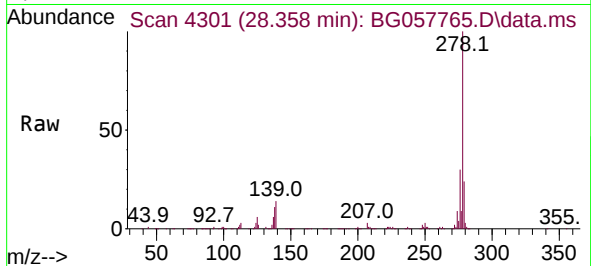
Tgt Ion:252 Resp: 636747
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 48.070 ng
RT: 28.358 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47

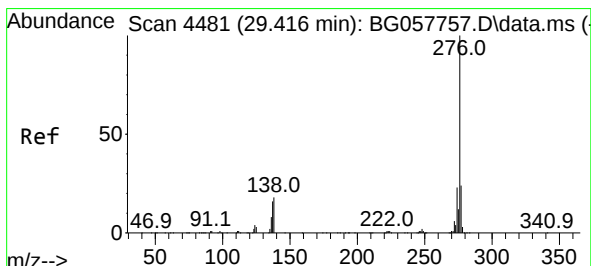
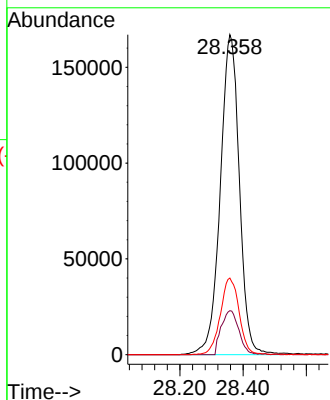
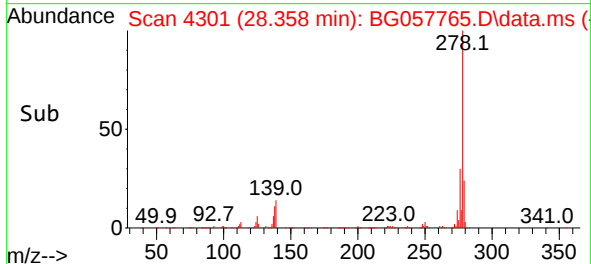
Instrument :
BNA_G
ClientSampleId :
PB153322BS



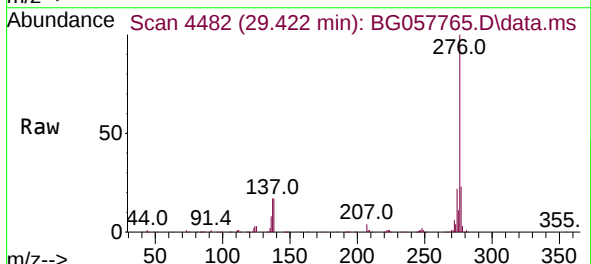
Tgt Ion:278 Resp: 70011
Ion Ratio Lower Upper
278 100
139 13.8 10.8 16.2
279 24.0 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 47.281 ng
RT: 29.422 min Scan# 4482
Delta R.T. 0.006 min
Lab File: BG057765.D
Acq: 19 Jun 2023 21:47



Tgt Ion:276 Resp: 689518
Ion Ratio Lower Upper
276 100
277 22.7 19.4 29.0
138 17.1 14.2 21.4

