

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057761.D
 Acq On : 19 Jun 2023 18:59
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 03:41:37 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	7.926	152	34290	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	148286	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	108894	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	265814	20.000	ng	0.00
76) Chrysene-d12	21.557	240	222146	20.000	ng	0.00
86) Perylene-d12	24.706	264	271180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	177655	79.886	ng	0.00
7) Phenol-d6	7.086	99	272944	80.436	ng	0.00
23) Nitrobenzene-d5	9.089	82	250550	86.718	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	132239	87.178	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	572308	79.715	ng	0.00
79) Terphenyl-d14	19.918	244	948491	79.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	39874	39.389	ng	99
3) Pyridine	3.801	79	124731m	40.455	ng	
4) n-Nitrosodimethylamine	3.719	42	55209	39.189	ng	99
6) Aniline	7.256	93	171431	39.456	ng	99
8) 2-Chlorophenol	7.491	128	90534	39.572	ng	98
9) Benzaldehyde	7.068	77	75886	35.566	ng	99
10) Phenol	7.115	94	132334	39.609	ng	98
11) bis(2-Chloroethyl)ether	7.350	93	102032	39.721	ng	99
12) 1,3-Dichlorobenzene	7.820	146	90988	39.079	ng	95
13) 1,4-Dichlorobenzene	7.967	146	93234	39.520	ng	97
14) 1,2-Dichlorobenzene	8.284	146	89512	39.212	ng	93
15) Benzyl Alcohol	8.161	79	103949	40.063	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.455	45	193410m	39.195	ng	
17) 2-Methylphenol	8.366	107	97431	39.649	ng	98
18) Hexachloroethane	9.013	117	33527	40.304	ng	93
19) n-Nitroso-di-n-propyla...	8.737	70	95514	40.374	ng	97
20) 3+4-Methylphenols	8.695	107	137526	40.516	ng	97
22) Acetophenone	8.748	105	170036	40.891	ng	98
24) Nitrobenzene	9.130	77	129130	42.943	ng	99
25) Isophorone	9.653	82	273959	41.503	ng	98
26) 2-Nitrophenol	9.841	139	48306	50.495	ng	98
27) 2,4-Dimethylphenol	9.900	122	98852	41.736	ng	99
28) bis(2-Chloroethoxy)met...	10.135	93	146260	41.144	ng	100
29) 2,4-Dichlorophenol	10.370	162	94662	42.087	ng	100
30) 1,2,4-Trichlorobenzene	10.593	180	103089	41.119	ng	98
31) Naphthalene	10.781	128	320266	40.580	ng	99
32) Benzoic acid	10.029	122	81127m	46.522	ng	
33) 4-Chloroaniline	10.887	127	154986	42.383	ng	97
34) Hexachlorobutadiene	11.069	225	62033	40.556	ng	98
35) Caprolactam	11.663	113	38105	41.750	ng	99
36) 4-Chloro-3-methylphenol	12.003	107	126650	43.116	ng	99
37) 2-Methylnaphthalene	12.391	142	236242	41.067	ng	98
38) 1-Methylnaphthalene	12.609	142	222083	40.897	ng	99
40) 1,2,4,5-Tetrachloroben...	12.755	216	123302	40.844	ng	100
41) Hexachlorocyclopentadiene	12.738	237	68438	42.701	ng	96
43) 2,4,6-Trichlorophenol	12.990	196	90374	41.809	ng	99

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 QLast Update : Tue Jun 20 03:40:38 2023
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Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.061	196	108288	42.978	ng	94
46) 1,1'-Biphenyl	13.396	154	300830	40.234	ng	97
47) 2-Chloronaphthalene	13.437	162	230195	40.074	ng	99
48) 2-Nitroaniline	13.637	65	93038	45.578	ng	97
49) Acenaphthylene	14.283	152	402884	40.862	ng	99
50) Dimethylphthalate	14.019	163	342969	41.007	ng	100
51) 2,6-Dinitrotoluene	14.136	165	70544	45.803	ng	97
52) Acenaphthene	14.624	154	251674	41.233	ng	97
53) 3-Nitroaniline	14.465	138	78543	45.253	ng	95
54) 2,4-Dinitrophenol	14.665	184	33144	43.108	ng	97
55) Dibenzofuran	14.959	168	400568	40.814	ng	99
56) 4-Nitrophenol	14.759	139	62708	45.461	ng	98
57) 2,4-Dinitrotoluene	14.918	165	98674	47.245	ng	97
58) Fluorene	15.605	166	311066	40.040	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.182	232	92453	43.056	ng	99
60) Diethylphthalate	15.382	149	354729	41.341	ng	99
61) 4-Chlorophenyl-phenyle...	15.599	204	169177	40.954	ng	98
62) 4-Nitroaniline	15.629	138	78842	44.557	ng	99
63) Azobenzene	15.893	77	357583	40.741	ng	99
65) 4,6-Dinitro-2-methylph...	15.681	198	50438	42.046	ng	99
66) n-Nitrosodiphenylamine	15.817	169	283660	40.433	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	114553	40.635	ng	95
68) Hexachlorobenzene	16.610	284	116899	40.677	ng	97
69) Atrazine	16.763	200	99020	41.116	ng	99
70) Pentachlorophenol	16.951	266	93611	44.091	ng	95
71) Phenanthrene	17.344	178	514196	39.952	ng	100
72) Anthracene	17.438	178	527765	40.158	ng	99
73) Carbazole	17.703	167	486785	40.172	ng	98
74) Di-n-butylphthalate	18.267	149	592909	41.324	ng	100
75) Fluoranthene	19.359	202	617144	40.251	ng	99
77) Benzidine	19.536	184	209690	40.268	ng	99
78) Pyrene	19.718	202	628163	39.640	ng	100
80) Butylbenzylphthalate	20.611	149	255043	42.308	ng	96
81) Benzo(a)anthracene	21.533	228	615215	40.365	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	216530	41.770	ng	98
83) Chrysene	21.604	228	585927	40.058	ng	99
84) Bis(2-ethylhexyl)phtha...	21.457	149	361327	41.284	ng	99
85) Di-n-octyl phthalate	22.644	149	641184	41.767	ng	99
87) Indeno(1,2,3-cd)pyrene	28.296	276	729462	41.143	ng	# 93
88) Benzo(b)fluoranthene	23.707	252	603139	40.587	ng	99
89) Benzo(k)fluoranthene	23.772	252	621042	41.034	ng	100
90) Benzo(a)pyrene	24.559	252	596987	40.905	ng	99
91) Dibenzo(a,h)anthracene	28.367	278	608405	41.357	ng	99
92) Benzo(g,h,i)perylene	29.412	276	602269	40.888	ng	99

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

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

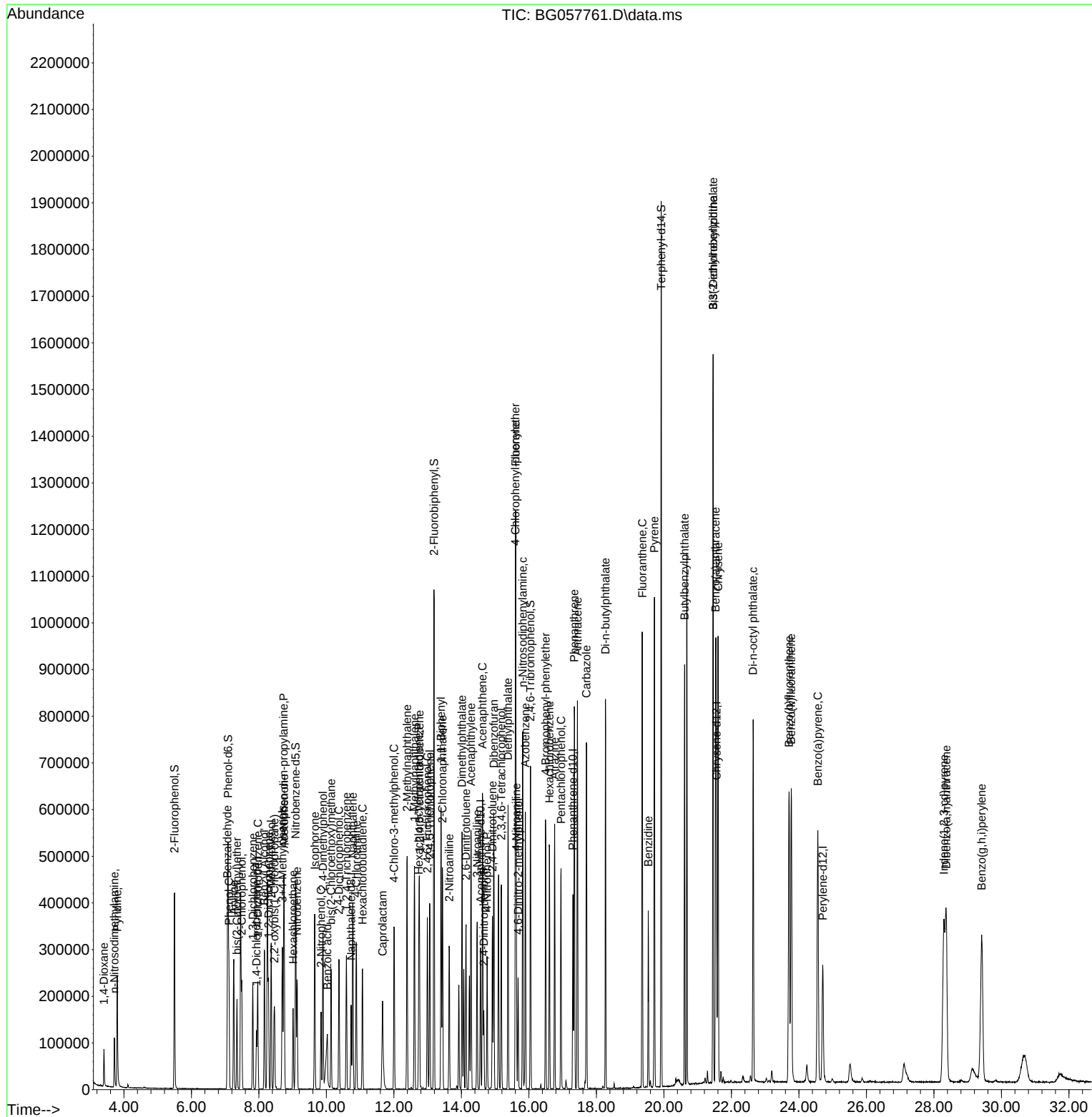
Quant Time: Jun 20 03:41:37 2023

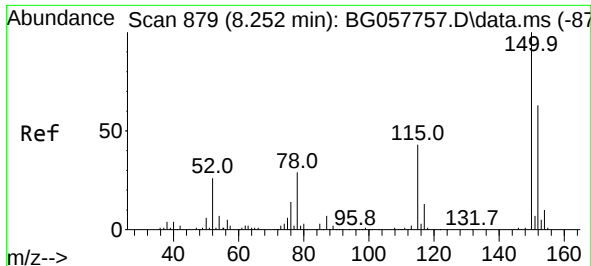
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

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

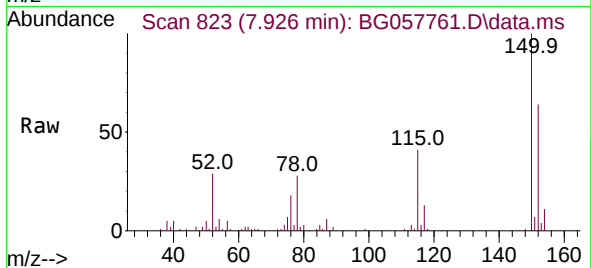
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

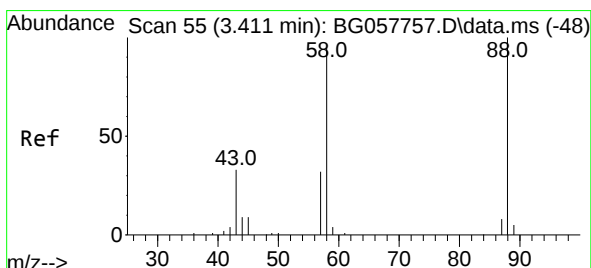
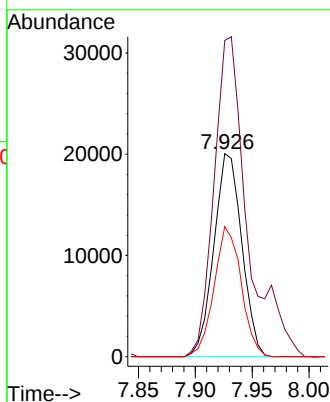
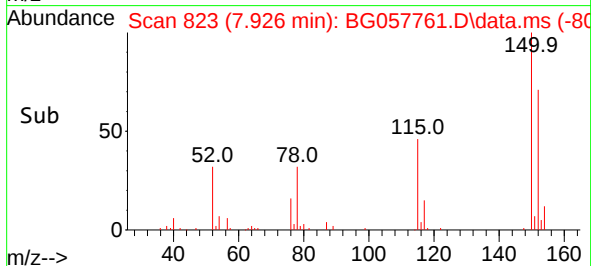
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



Tgt Ion:152 Resp: 34290
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 64.0 48.9 73.3

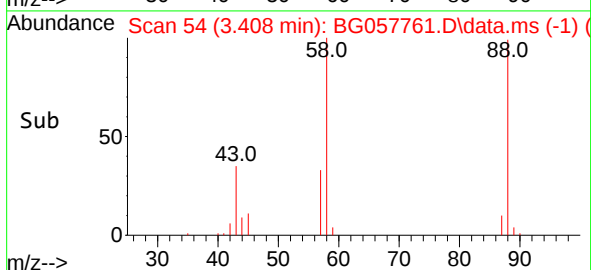
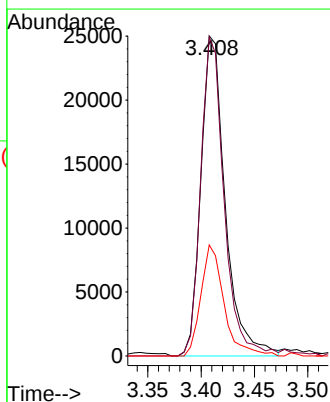
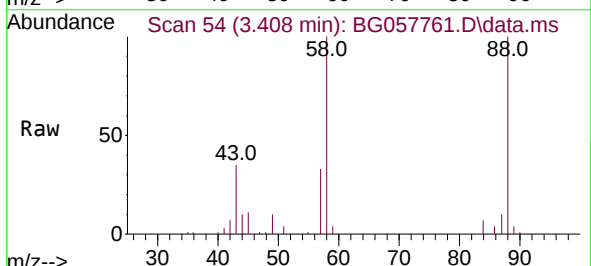
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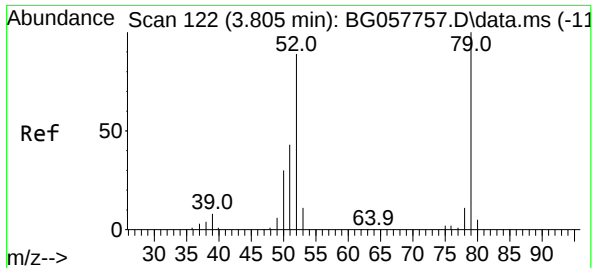
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 39.389 ng
RT: 3.408 min Scan# 54
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion: 88 Resp: 39874
Ion Ratio Lower Upper
88 100
58 96.9 76.2 114.4
43 32.9 26.3 39.5





#3
Pyridine
Concen: 40.455 ng m
RT: 3.801 min Scan# 122
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

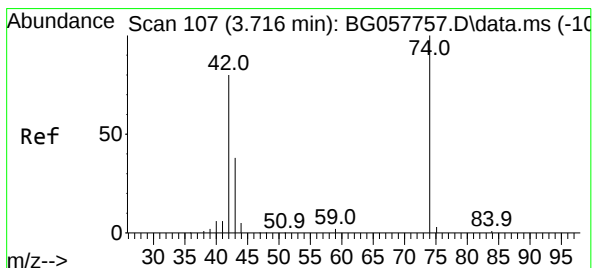
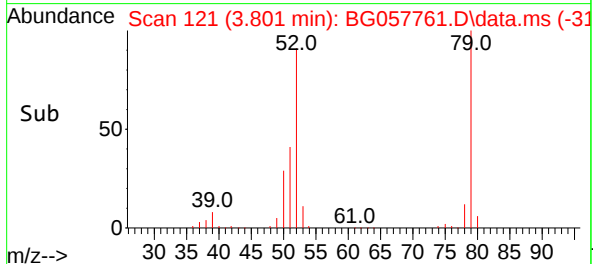
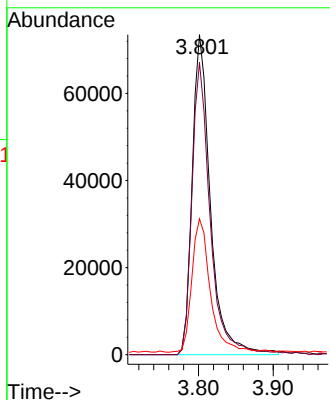
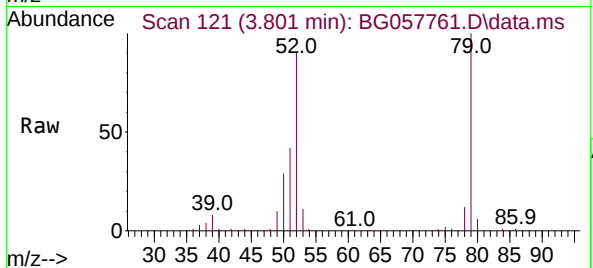
ClientSampleId :

ICVBG061923

Tgt Ion: 79 Resp: 12473
Ion Ratio Lower Upper
79 100
52 91.3 71.4 107.0
51 42.4 34.9 52.3

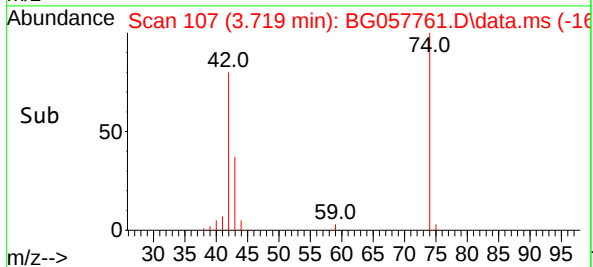
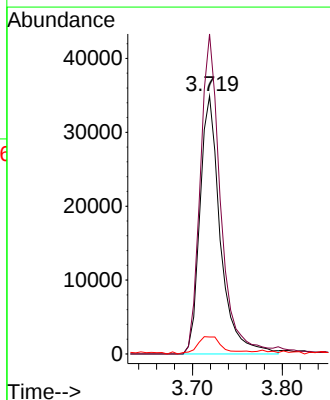
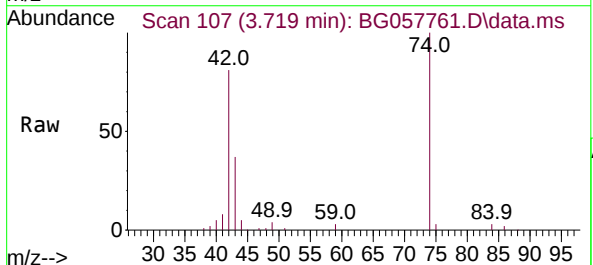
Manual Integrations
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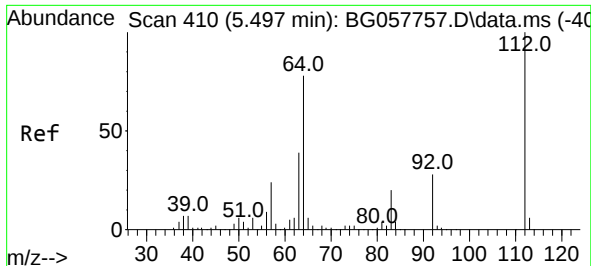
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 39.189 ng
RT: 3.719 min Scan# 107
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion: 42 Resp: 55209
Ion Ratio Lower Upper
42 100
74 124.1 99.9 149.9
44 6.6 6.0 9.0





#5
2-Fluorophenol
Concen: 79.886 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

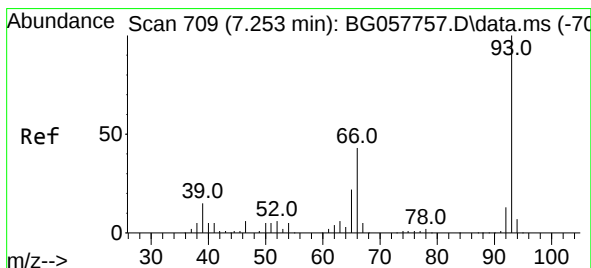
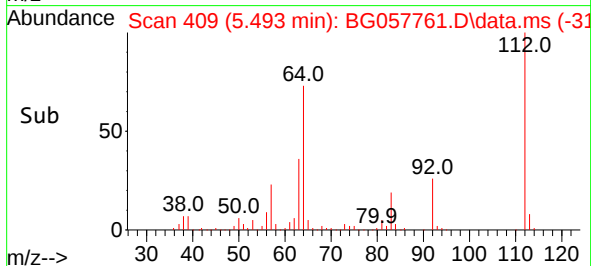
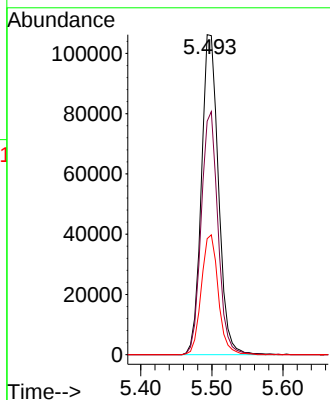
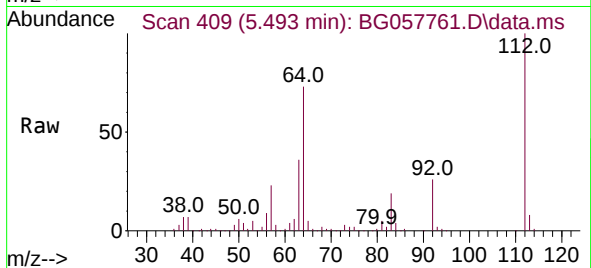
ICVBG061923

Tgt Ion:112 Resp: 17765
Ion Ratio Lower Upper
112 100
64 73.0 62.1 93.1
63 36.2 31.5 47.3

Manual Integrations

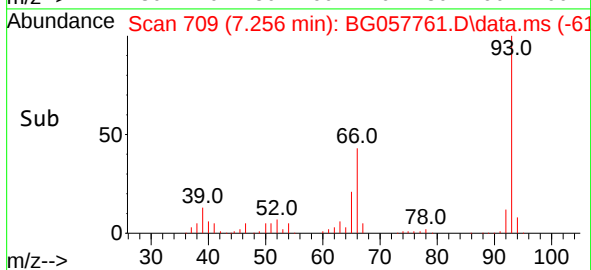
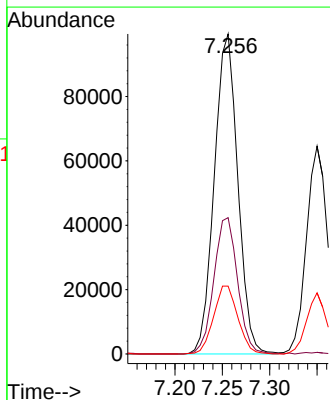
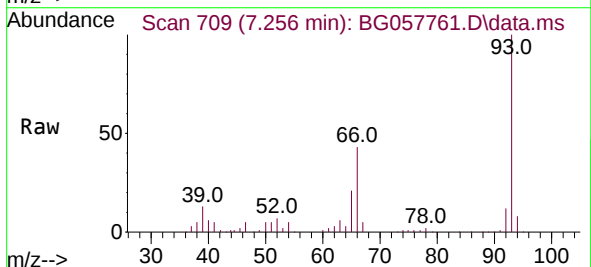
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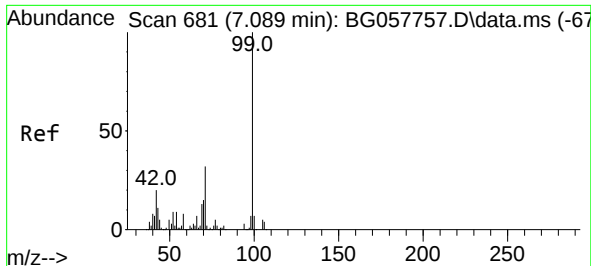
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 39.456 ng
RT: 7.256 min Scan# 709
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion: 93 Resp: 171431
Ion Ratio Lower Upper
93 100
66 42.6 34.5 51.7
65 21.2 17.4 26.2





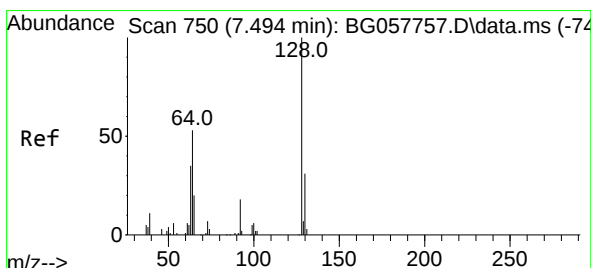
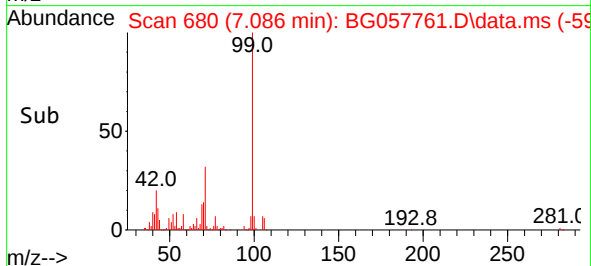
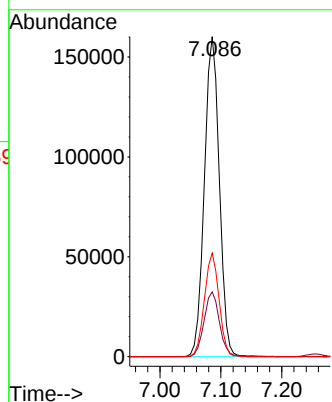
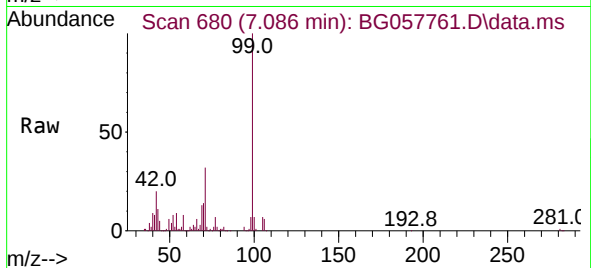
#7
Phenol-d6
Concen: 80.436 ng
RT: 7.086 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 272944
Ion Ratio Lower Upper
99 100
42 20.2 16.4 24.6
71 32.4 25.8 38.6

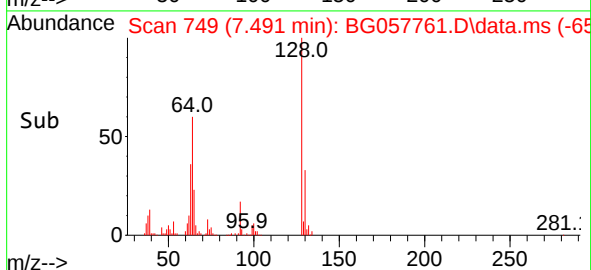
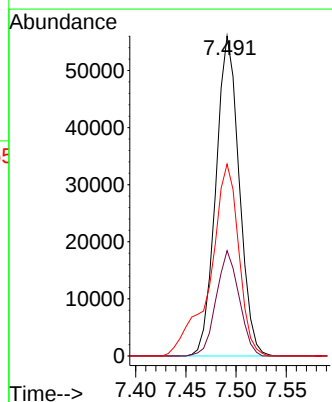
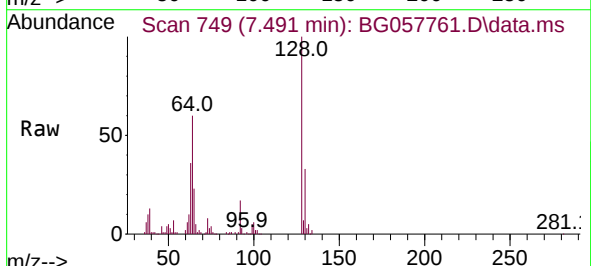
Manual Integrations
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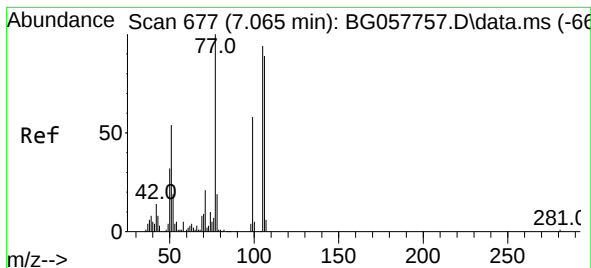
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 39.572 ng
RT: 7.491 min Scan# 749
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:128 Resp: 90534
Ion Ratio Lower Upper
128 100
130 32.9 10.6 50.6
64 60.0 39.1 79.1





#9

Benzaldehyde

Concen: 35.566 ng

RT: 7.068 min Scan# 61

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion: 77 Resp: 7588

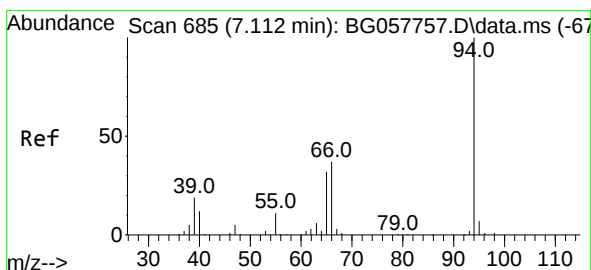
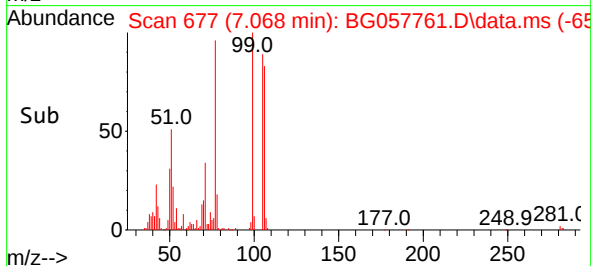
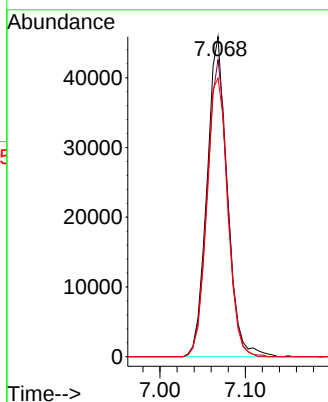
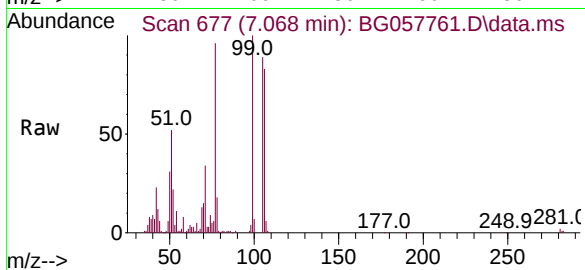
Ion	Ratio	Lower	Upper
77	100		
105	92.8	73.7	113.7
106	87.1	69.0	109.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#10

Phenol

Concen: 39.609 ng

RT: 7.115 min Scan# 685

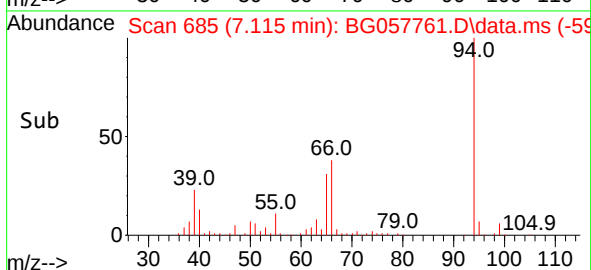
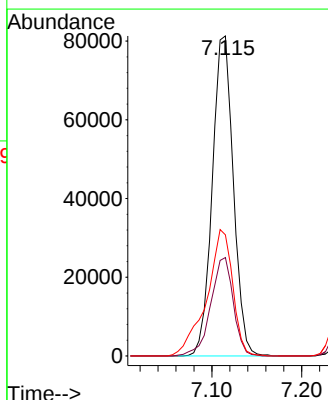
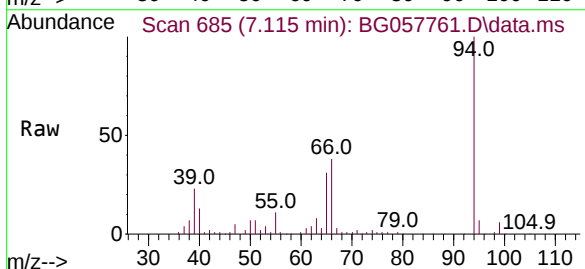
Delta R.T. 0.003 min

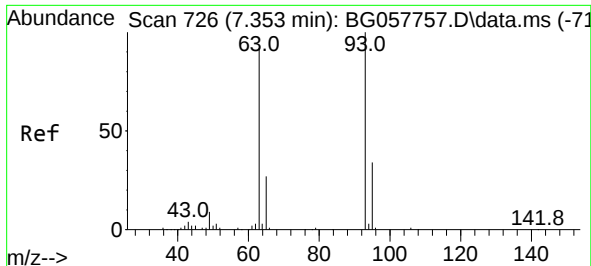
Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Tgt Ion: 94 Resp: 132334

Ion	Ratio	Lower	Upper
94	100		
65	30.7	12.2	52.2
66	37.8	18.3	58.3





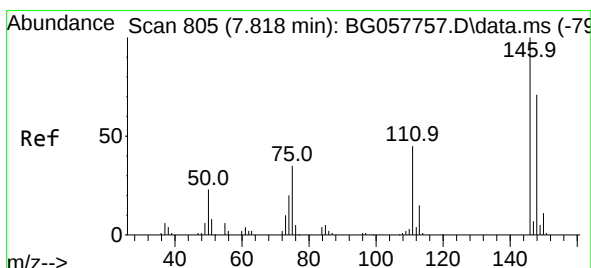
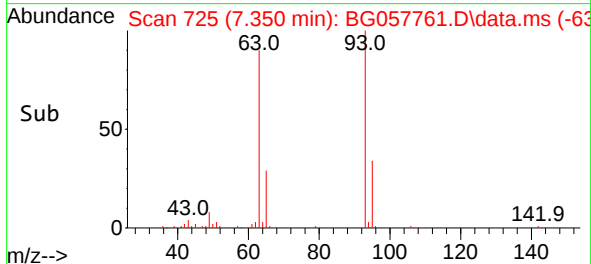
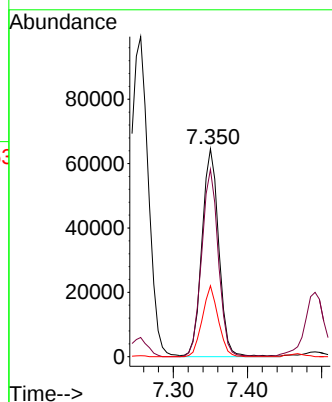
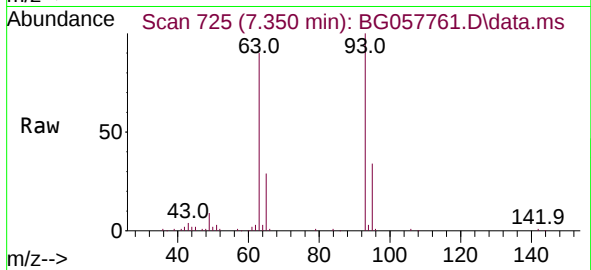
#11
bis(2-Chloroethyl)ether
Concen: 39.721 ng
RT: 7.350 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :
BNA_G
ClientSampleId :
ICVBG061923

Tgt Ion: 93 Resp: 10203
Ion Ratio Lower Upper
93 100
63 90.1 71.2 111.2
95 34.1 14.2 54.2

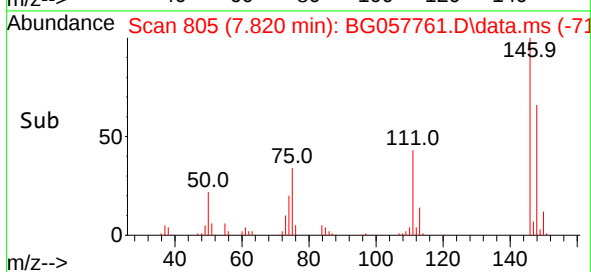
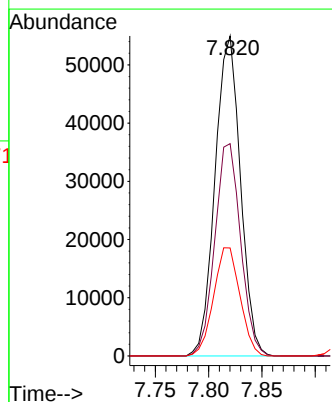
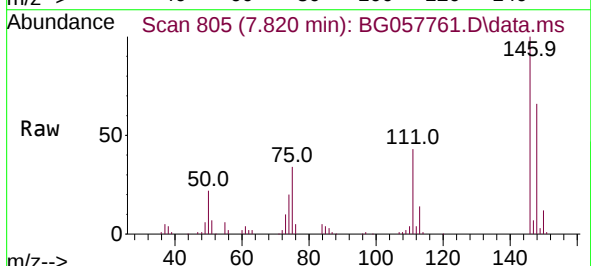
Manual Integrations
APPROVED

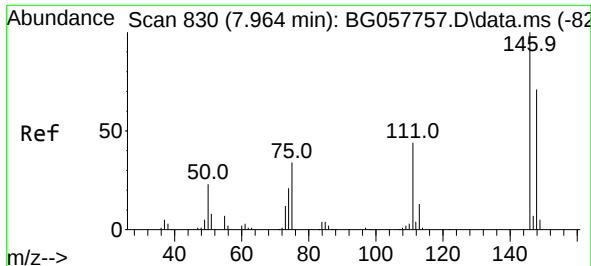
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 7.820 min Scan# 805
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

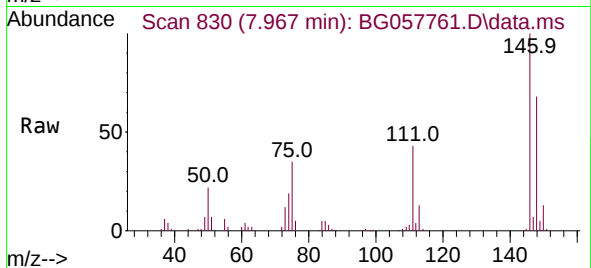
Tgt Ion:146 Resp: 90988
Ion Ratio Lower Upper
146 100
148 66.4 57.0 85.6
75 33.8 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 39.520 ng
RT: 7.967 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

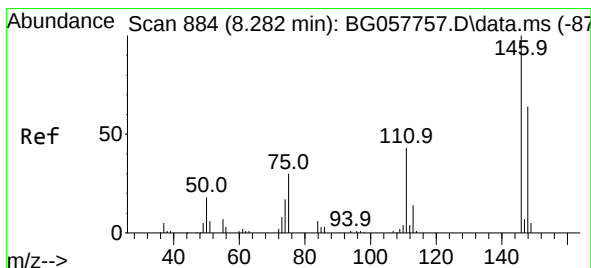
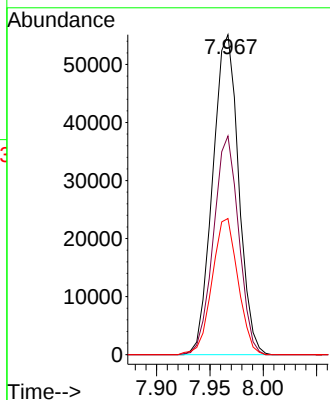
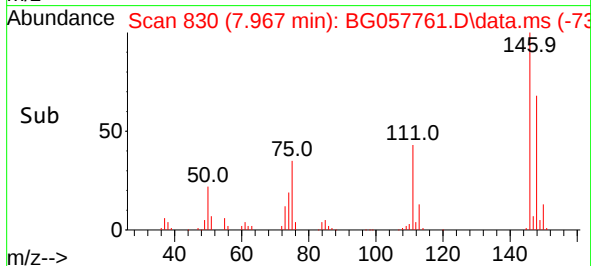
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



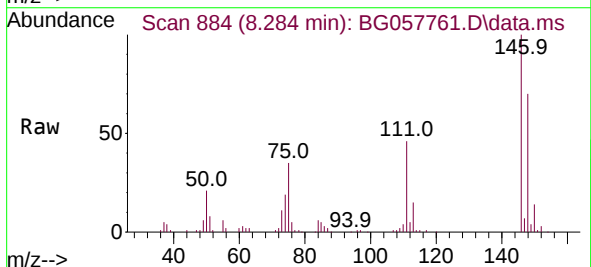
Tgt Ion:146 Resp: 93234
Ion Ratio Lower Upper
146 100
148 68.3 57.0 85.4
111 42.5 35.1 52.7

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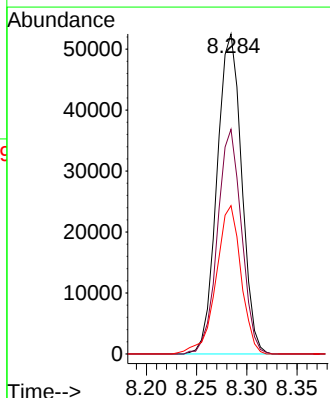
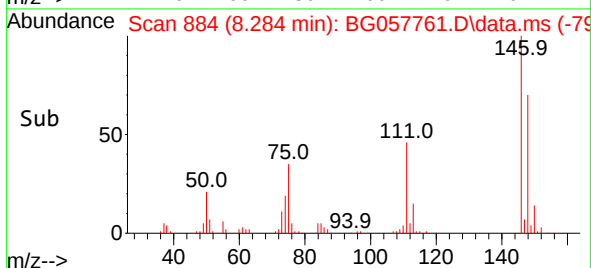
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

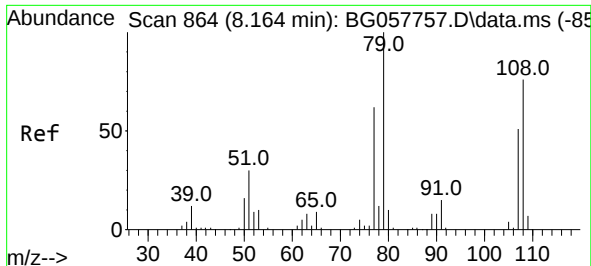


#14
1,2-Dichlorobenzene
Concen: 39.212 ng
RT: 8.284 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:146 Resp: 89512
Ion Ratio Lower Upper
146 100
148 70.2 51.0 76.6
111 46.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 40.063 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

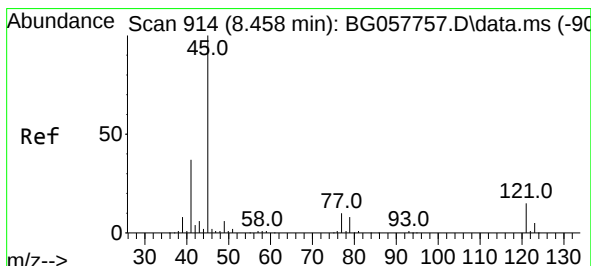
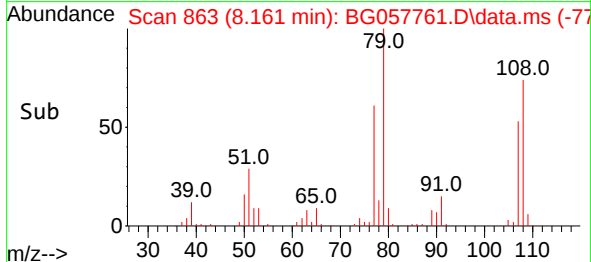
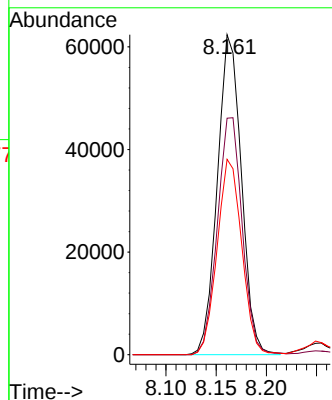
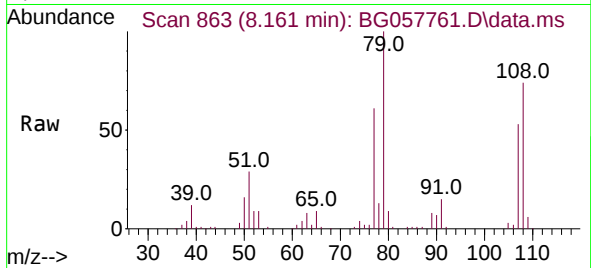
ClientSampleId :

ICVBG061923

Tgt Ion: 79 Resp: 103949
Ion Ratio Lower Upper
79 100
108 73.9 60.5 90.7
77 61.1 49.3 73.9

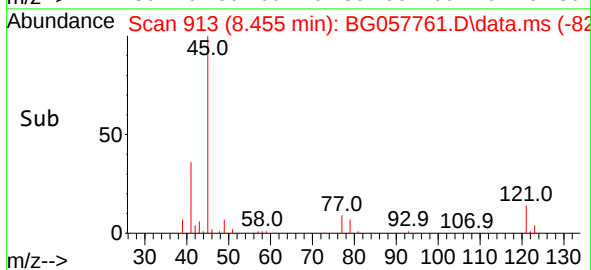
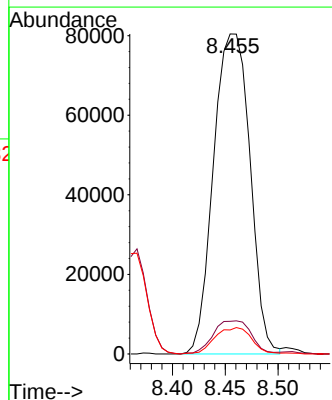
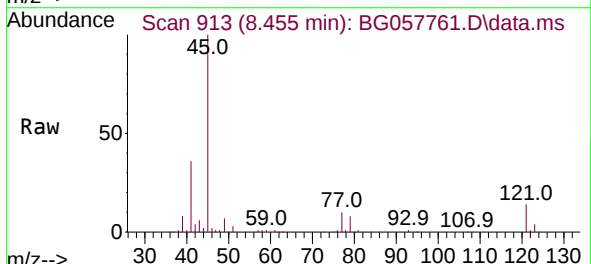
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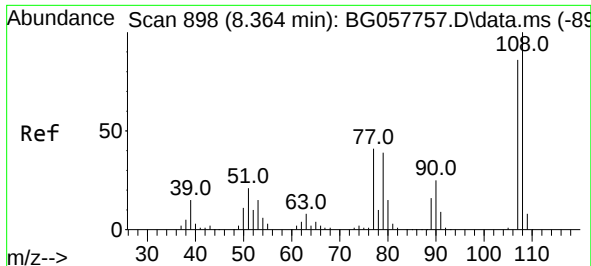
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.195 ng m
RT: 8.455 min Scan# 913
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion: 45 Resp: 193410
Ion Ratio Lower Upper
45 100
77 10.2 0.0 30.6
79 7.5 0.0 28.3





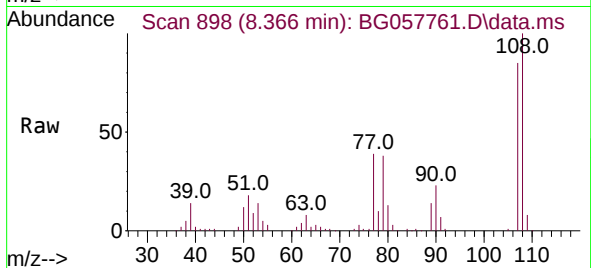
#17
2-Methylphenol
Concen: 39.649 ng
RT: 8.366 min Scan# 898
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

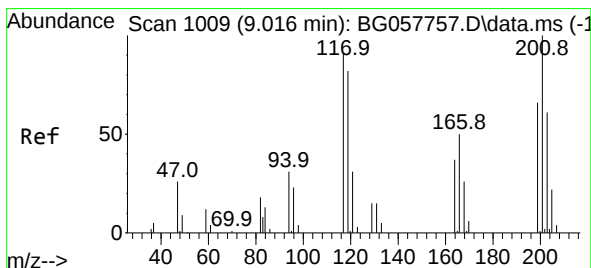
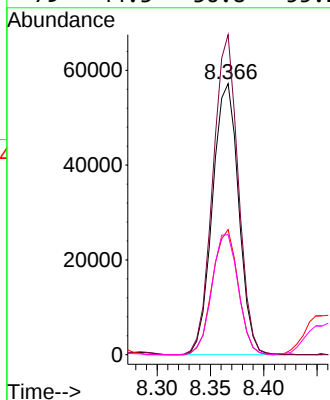
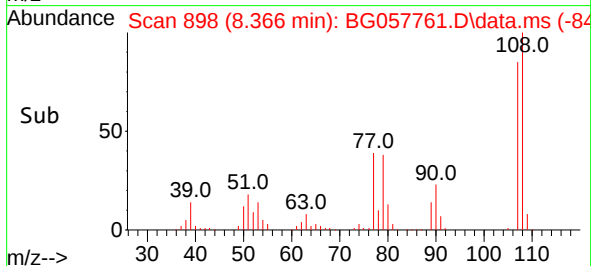


Tgt Ion:107 Resp: 9743
Ion Ratio Lower Upper
107 100
108 118.1 93.2 139.8
77 46.2 37.8 56.8
79 44.3 36.8 55.2

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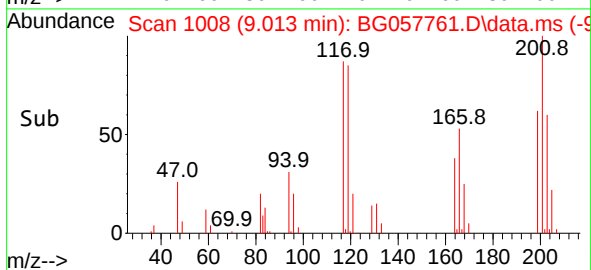
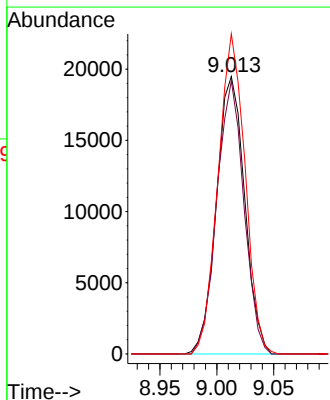
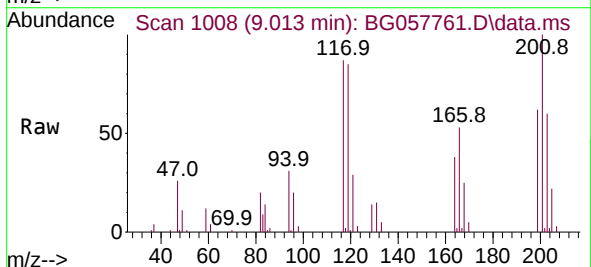
APPROVED

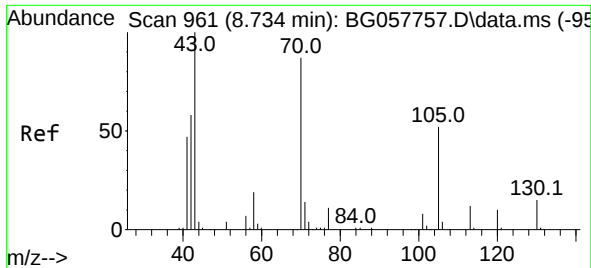
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 40.304 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:117 Resp: 33527
Ion Ratio Lower Upper
117 100
119 98.4 72.3 108.5
201 115.4 87.8 131.8





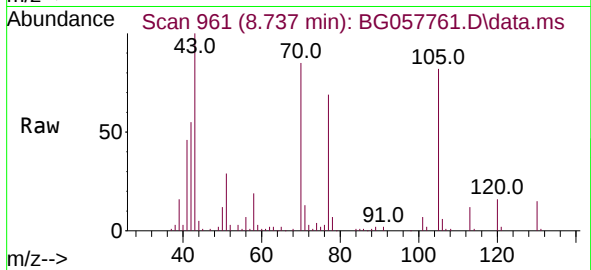
#19
n-Nitroso-di-n-propylamine
Concen: 40.374 ng
RT: 8.737 min Scan# 961
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

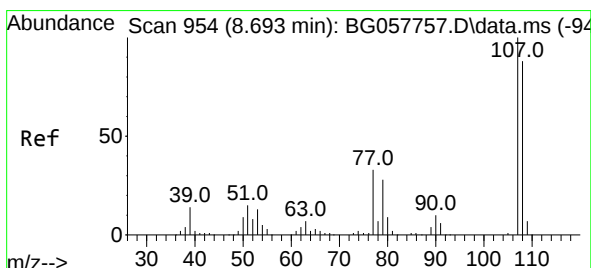
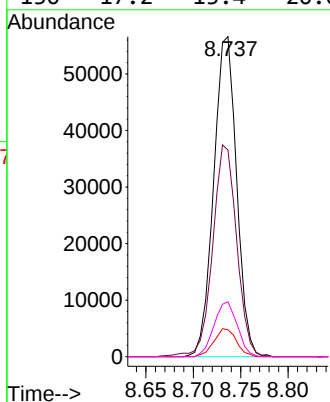
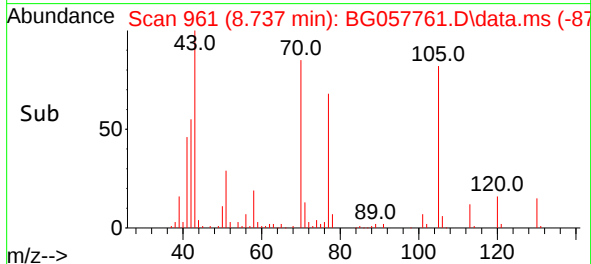


Tgt Ion: 70 Resp: 95514
Ion Ratio Lower Upper
70 100
42 64.6 54.2 81.2
101 8.4 7.4 11.0
130 17.2 13.4 20.0

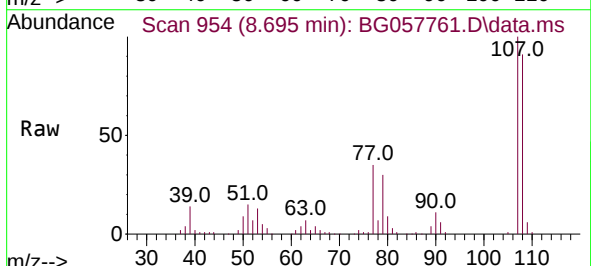
Manual Integrations

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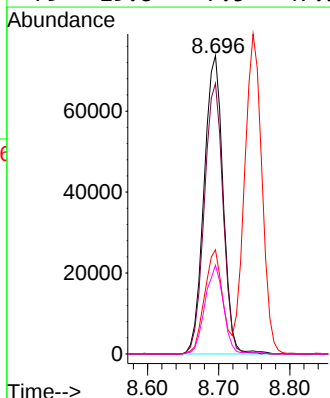
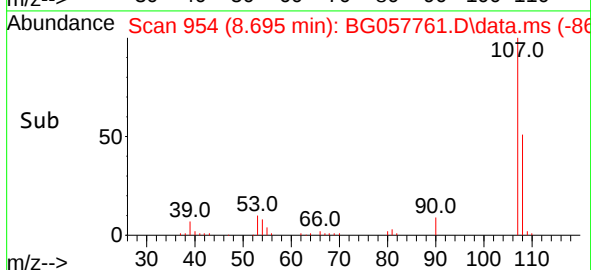
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

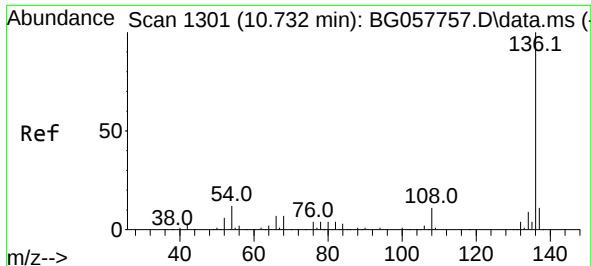


#20
3+4-Methylphenols
Concen: 40.516 ng
RT: 8.695 min Scan# 954
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:107 Resp: 137526
Ion Ratio Lower Upper
107 100
108 90.7 67.7 107.7
77 34.9 13.3 53.3
79 29.8 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

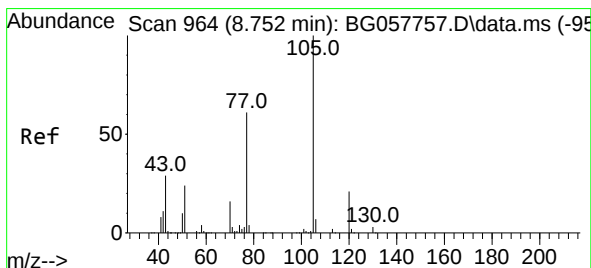
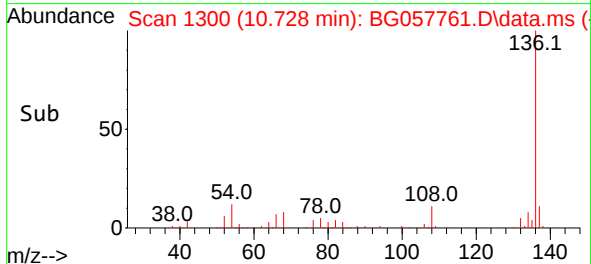
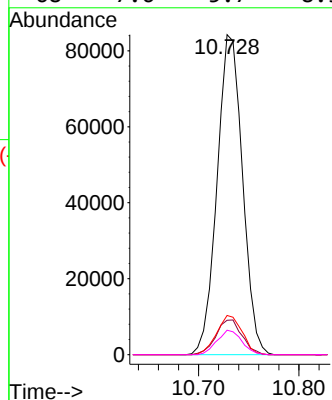
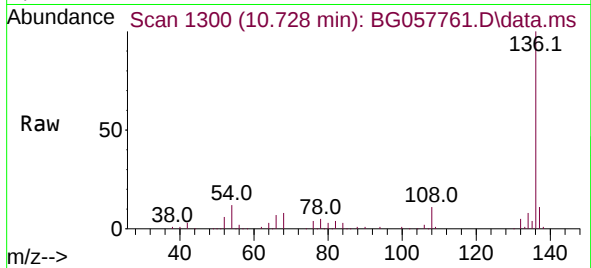
ClientSampleId :

ICVBG061923

Tgt Ion:136 Resp: 148280
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.3 9.5 14.3
68 7.6 5.7 8.5

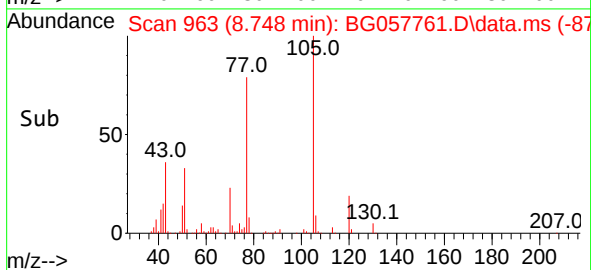
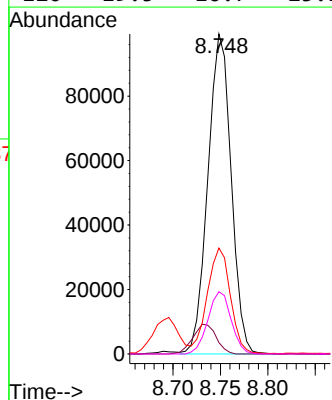
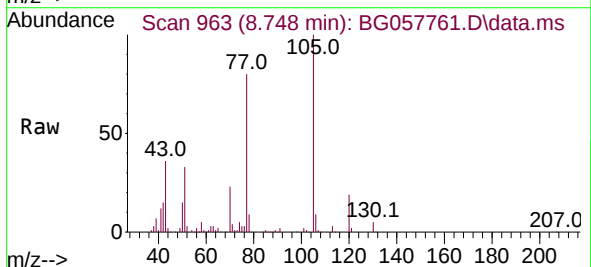
Manual Integrations
APPROVED

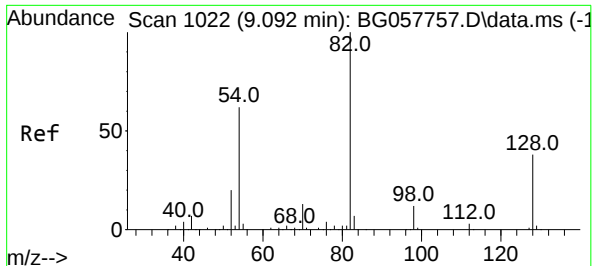
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 40.891 ng
RT: 8.748 min Scan# 963
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:105 Resp: 170036
Ion Ratio Lower Upper
105 100
71 3.5 2.4 3.6
51 33.1 25.9 38.9
120 19.5 16.7 25.1





#23

Nitrobenzene-d5

Concen: 86.718 ng

RT: 9.089 min Scan# 1021

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion: 82 Resp: 250550

Ion Ratio Lower Upper

82 100

128 39.5 30.7 46.1

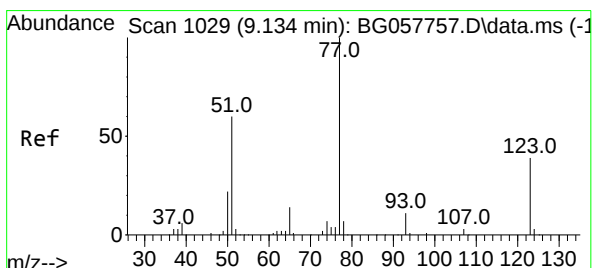
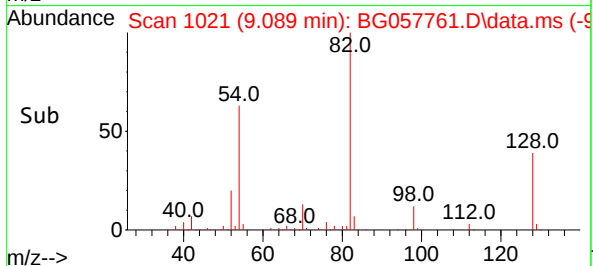
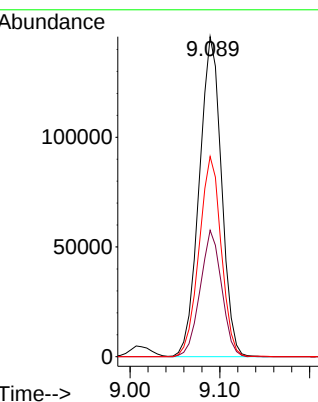
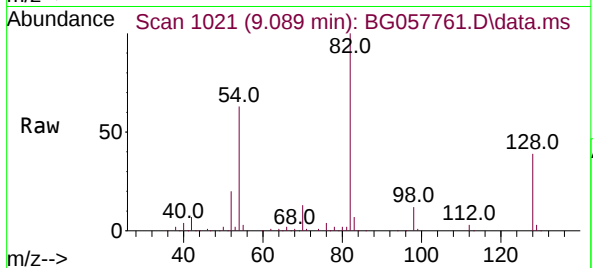
54 62.5 49.6 74.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#24

Nitrobenzene

Concen: 42.943 ng

RT: 9.130 min Scan# 1028

Delta R.T. -0.004 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

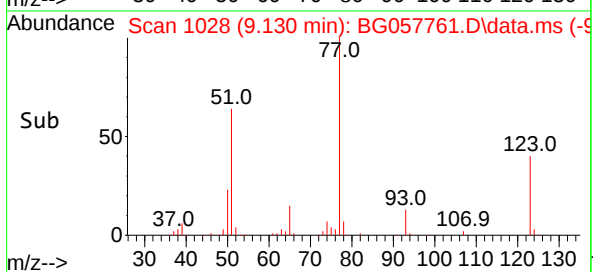
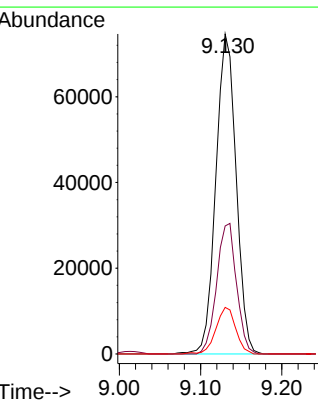
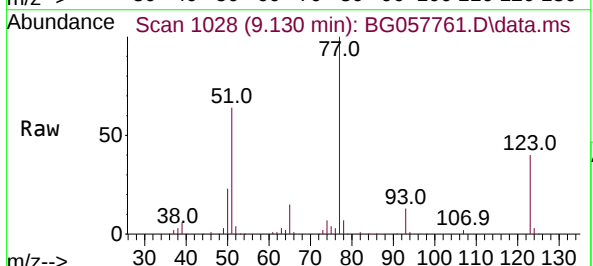
Tgt Ion: 77 Resp: 129130

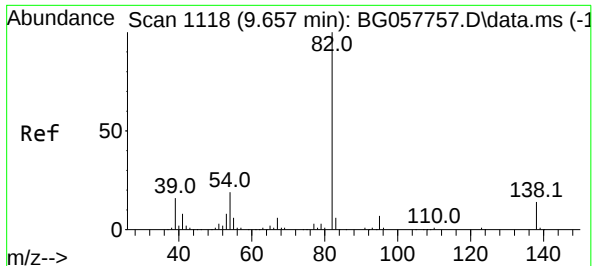
Ion Ratio Lower Upper

77 100

123 40.0 31.4 47.2

65 14.5 11.2 16.8





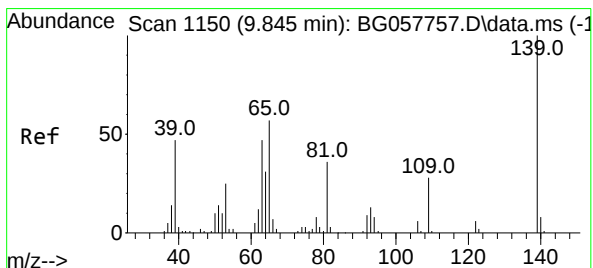
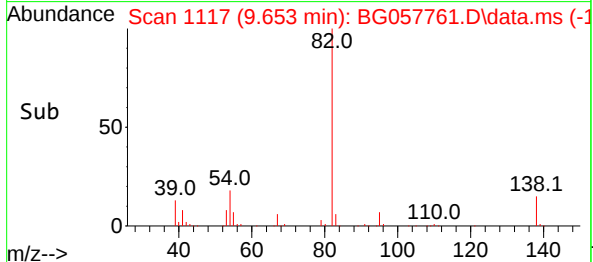
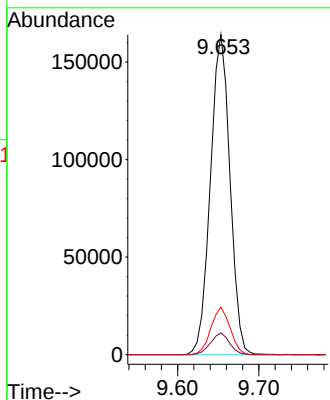
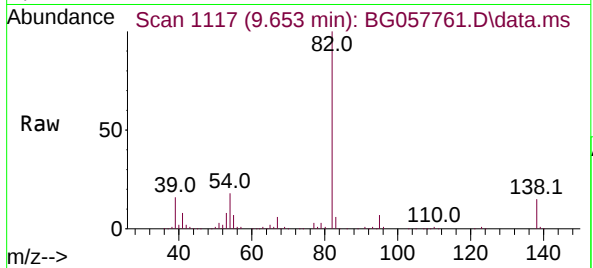
#25
Isophorone
Concen: 41.503 ng
RT: 9.653 min Scan# 1117
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :
BNA_G
ClientSampleId :
ICVBG061923

Tgt Ion: 82 Resp: 27395
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 14.8 11.1 16.7

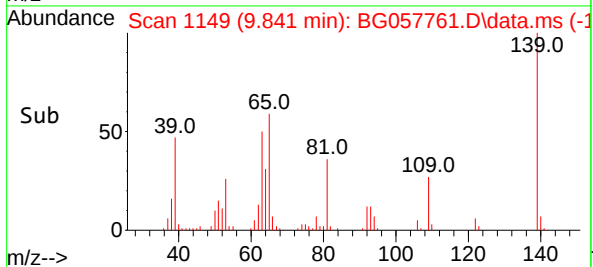
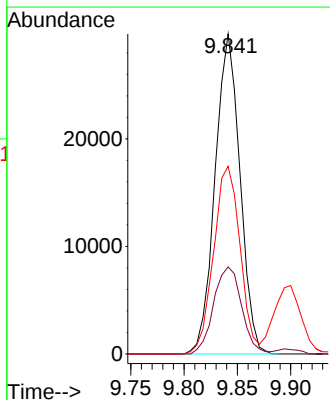
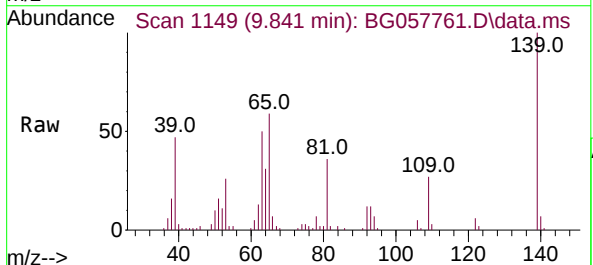
Manual Integrations
APPROVED

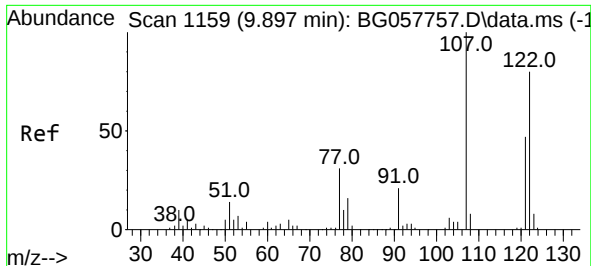
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#26
2-Nitrophenol
Concen: 50.495 ng
RT: 9.841 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:139 Resp: 48306
Ion Ratio Lower Upper
139 100
109 27.2 22.5 33.7
65 58.7 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 41.736 ng

RT: 9.900 min Scan# 1159

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

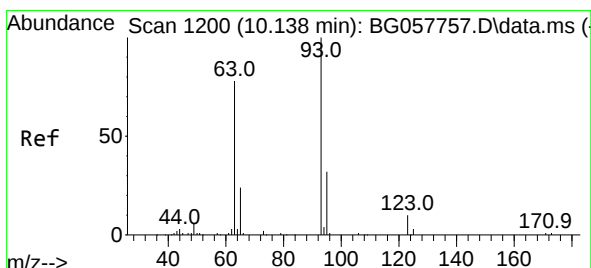
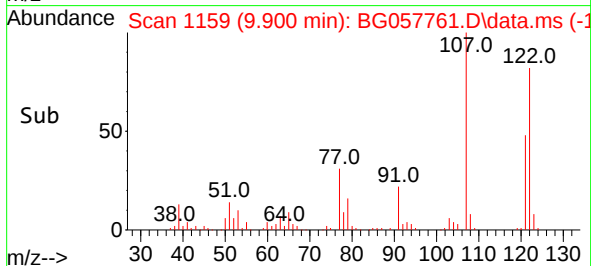
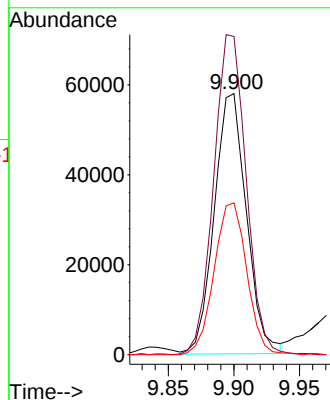
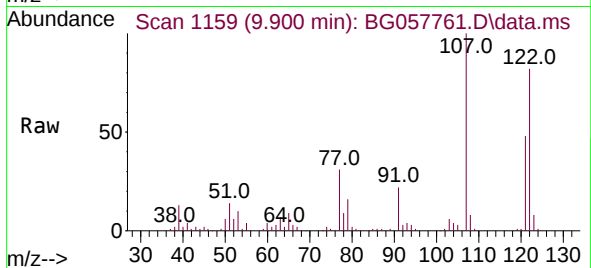
Tgt Ion:122 Resp: 9885
 Ion Ratio Lower Upper
 122 100
 107 121.9 98.9 148.3
 121 58.1 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.144 ng

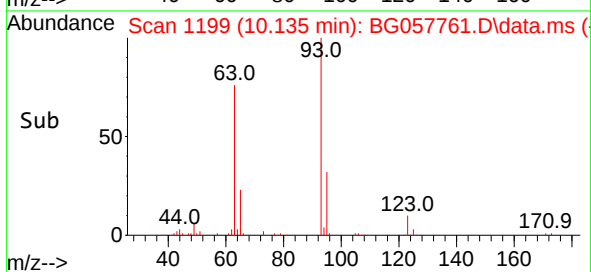
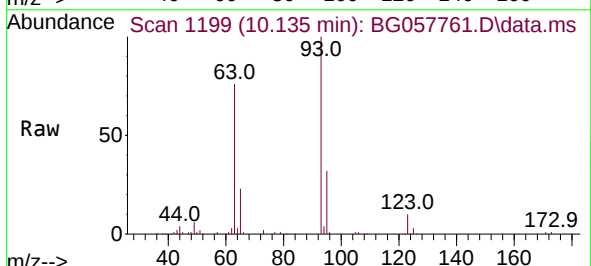
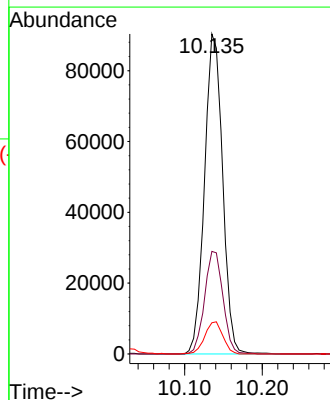
RT: 10.135 min Scan# 1199

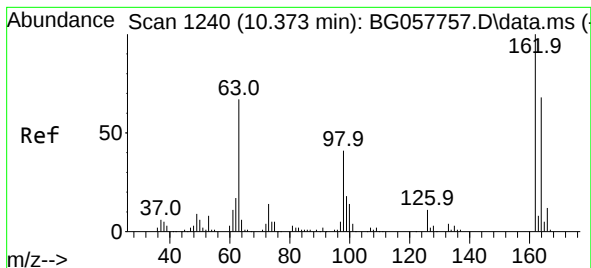
Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Tgt Ion: 93 Resp: 146260
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.6 38.4
 123 9.7 8.2 12.2





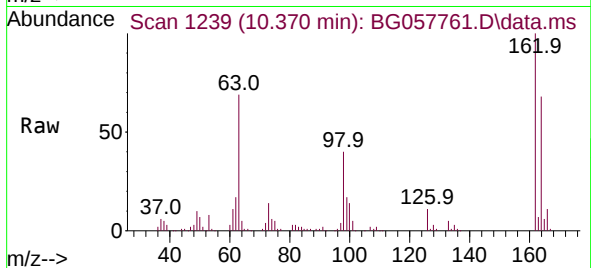
#29
2,4-Dichlorophenol
Concen: 42.087 ng
RT: 10.370 min Scan# 1239
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

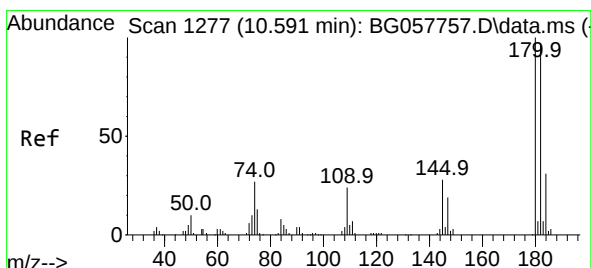
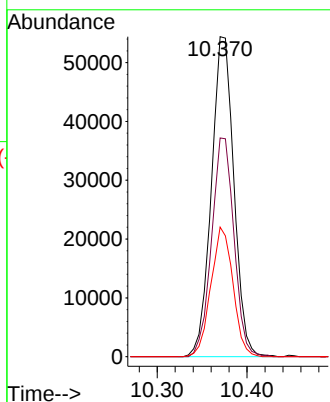
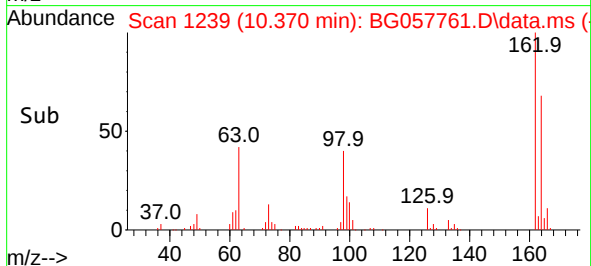


Tgt Ion:162 Resp: 94662
Ion Ratio Lower Upper
162 100
164 68.3 48.2 88.2
98 40.5 20.7 60.7

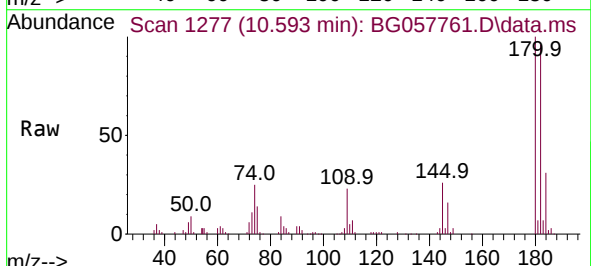
Manual Integrations

APPROVED

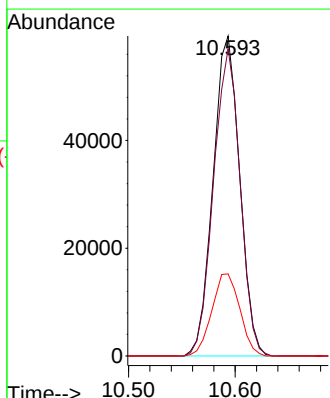
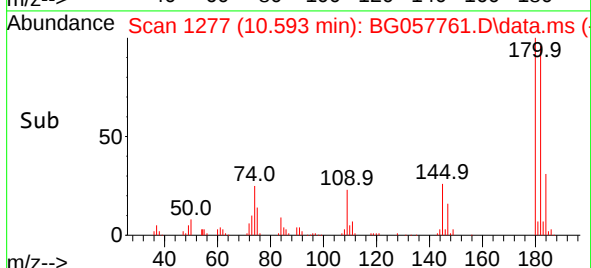
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

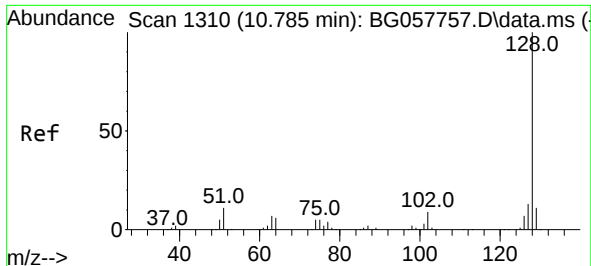


#30
1,2,4-Trichlorobenzene
Concen: 41.119 ng
RT: 10.593 min Scan# 1277
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:180 Resp: 103089
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
145 25.6 22.6 34.0





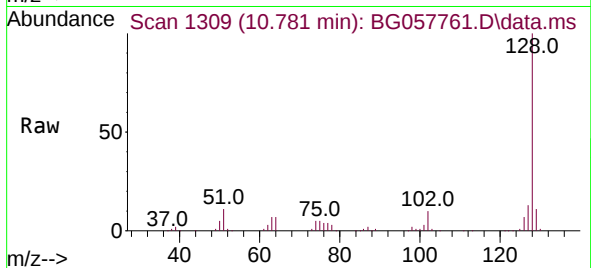
#31
Naphthalene
Concen: 40.580 ng
RT: 10.781 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

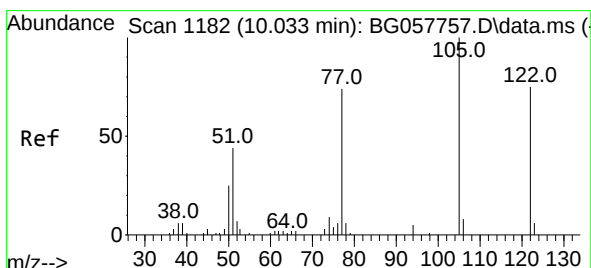
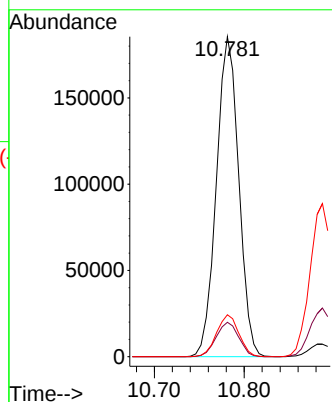
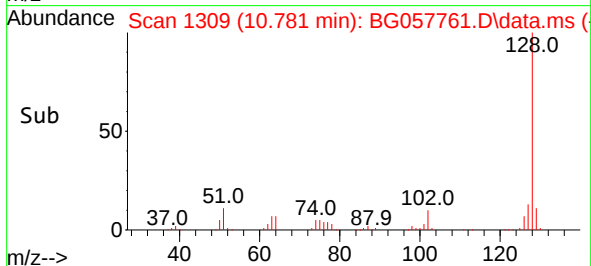


Tgt Ion:128 Resp: 320260
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.1 10.7 16.1

Manual Integrations

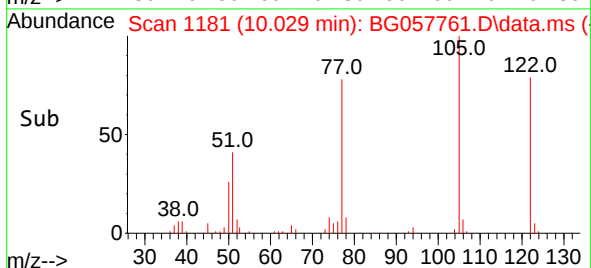
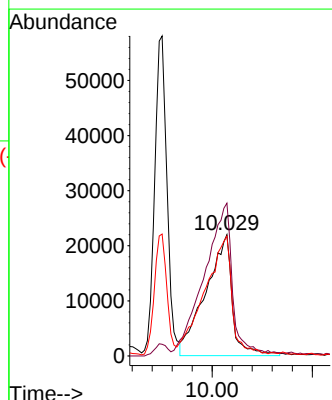
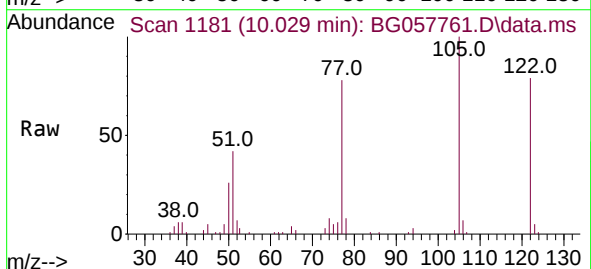
APPROVED

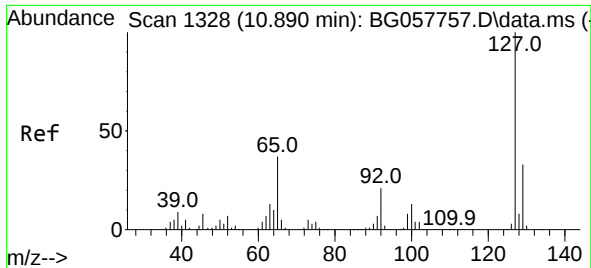
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#32
Benzoic acid
Concen: 46.522 ng m
RT: 10.029 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:122 Resp: 81127
Ion Ratio Lower Upper
122 100
105 126.0 110.1 150.1
77 98.9 78.2 118.2





#33
4-Chloroaniline
Concen: 42.383 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

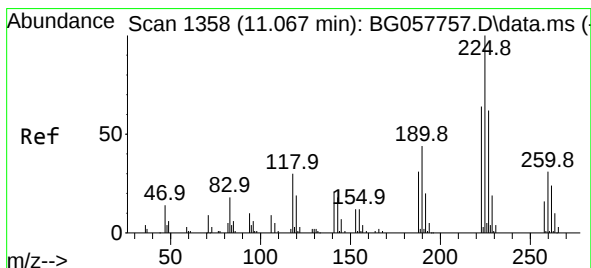
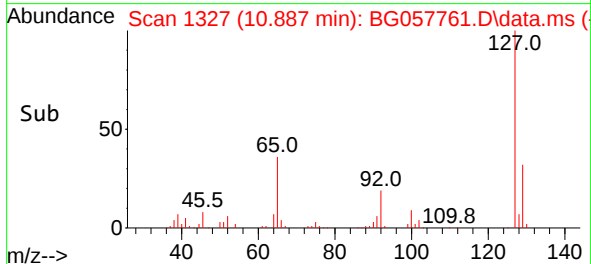
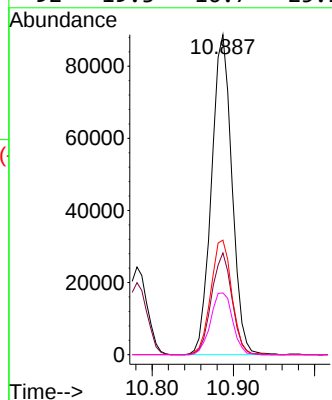
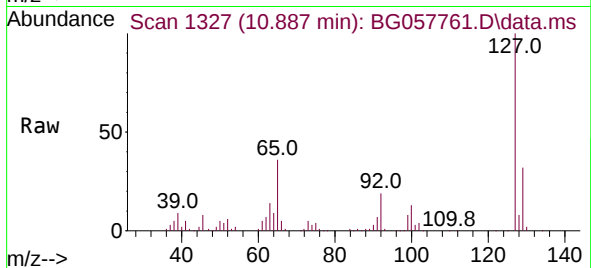
ClientSampleId :

ICVBG061923

Tgt Ion:127 Resp: 15498
Ion Ratio Lower Upper
127 100
129 31.8 26.6 40.0
65 35.8 29.8 44.8
92 19.3 16.7 25.1

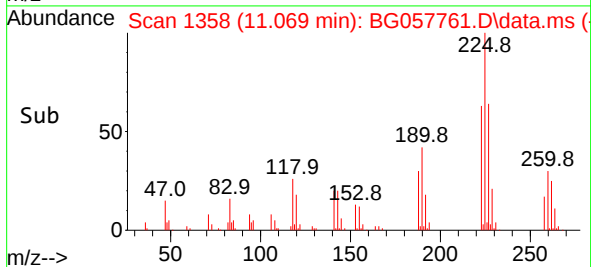
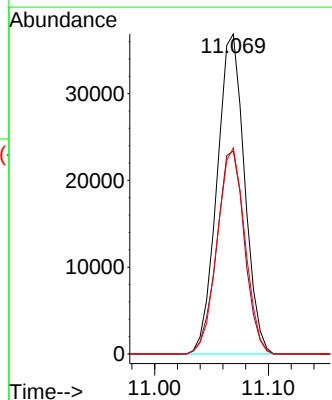
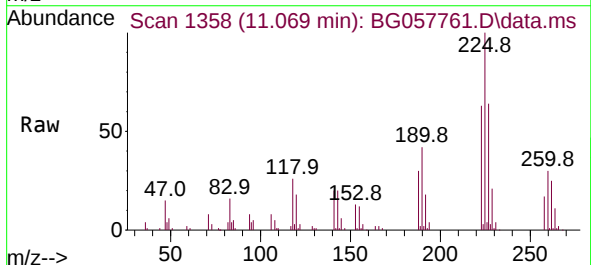
Manual Integrations
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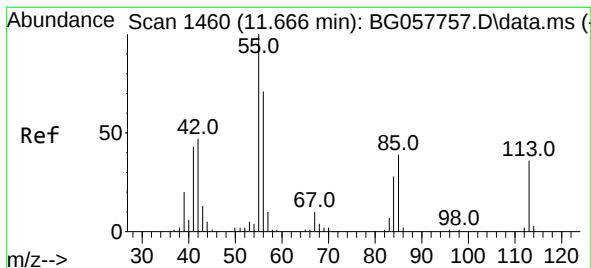
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 40.556 ng
RT: 11.069 min Scan# 1358
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:225 Resp: 62033
Ion Ratio Lower Upper
225 100
223 63.4 51.4 77.0
227 64.4 49.7 74.5





#35

Caprolactam

Concen: 41.750 ng

RT: 11.663 min Scan# 1460

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion:113 Resp: 3810

Ion Ratio Lower Upper

113 100

55 276.8 255.7 295.7

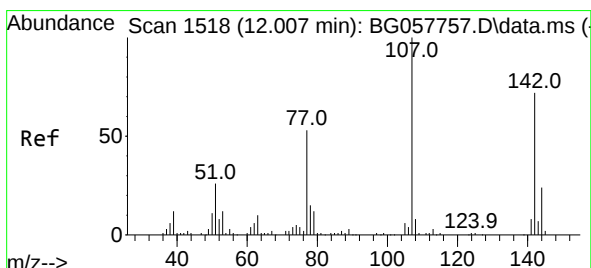
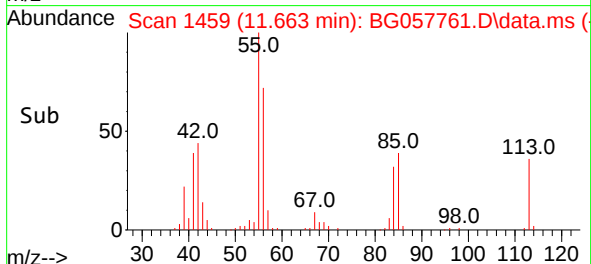
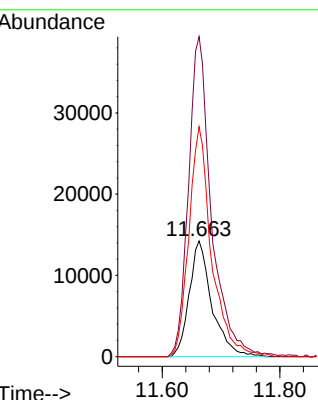
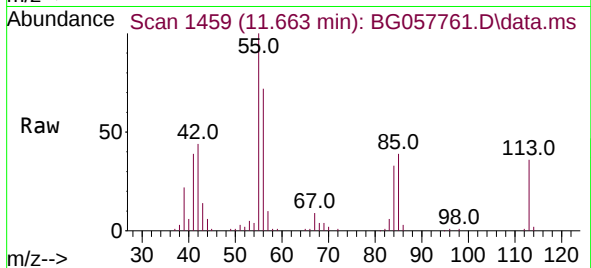
56 198.8 175.2 215.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#36

4-Chloro-3-methylphenol

Concen: 43.116 ng

RT: 12.003 min Scan# 1517

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

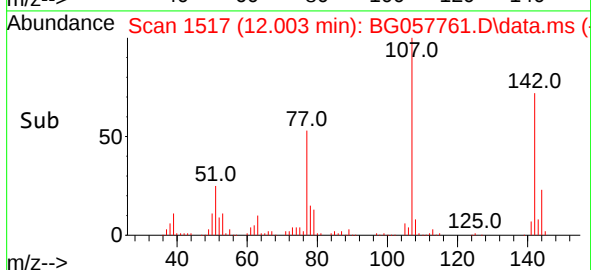
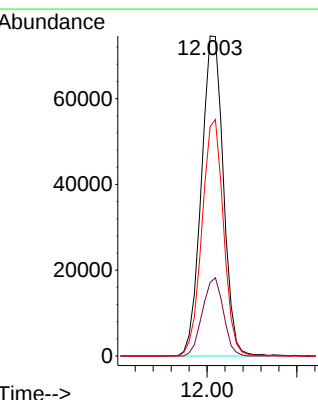
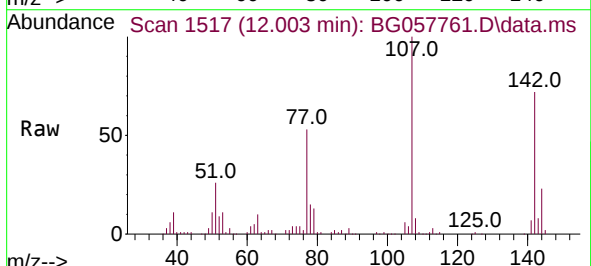
Tgt Ion:107 Resp: 126650

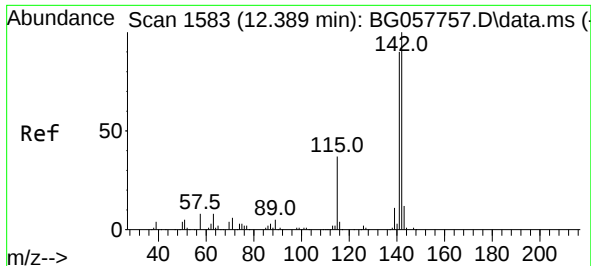
Ion Ratio Lower Upper

107 100

144 22.9 19.5 29.3

142 71.7 57.9 86.9





#37

2-Methylnaphthalene

Concen: 41.067 ng

RT: 12.391 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

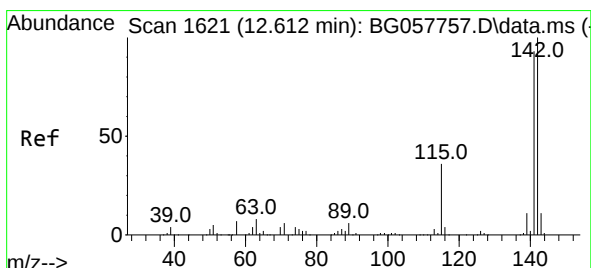
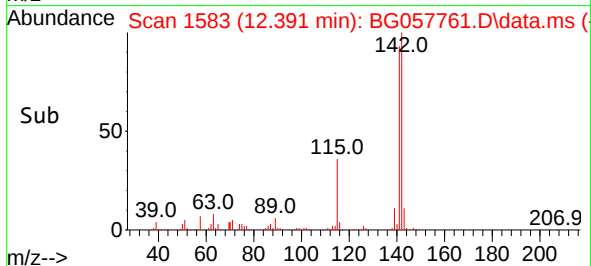
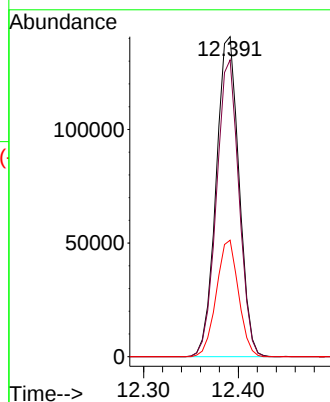
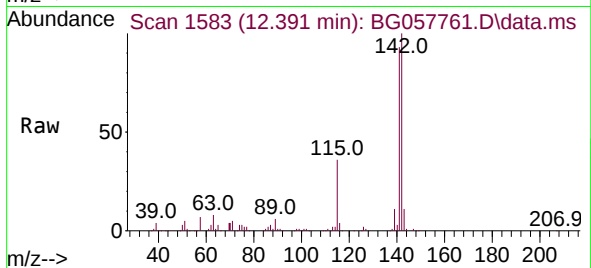
Tgt Ion:142	Resp: 23624
Ion Ratio	Lower Upper
142	100
141	92.8 72.1 108.1
115	36.4 29.7 44.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#38

1-Methylnaphthalene

Concen: 40.897 ng

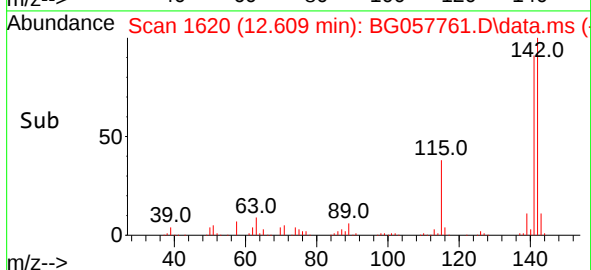
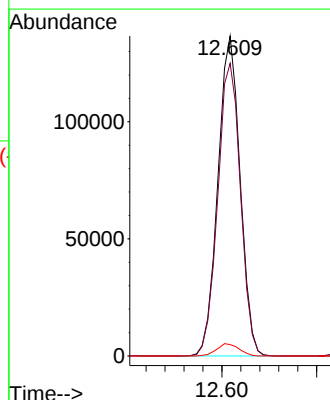
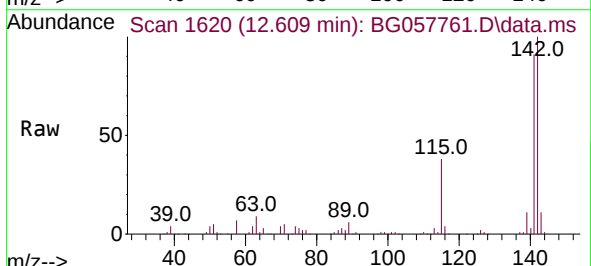
RT: 12.609 min Scan# 1620

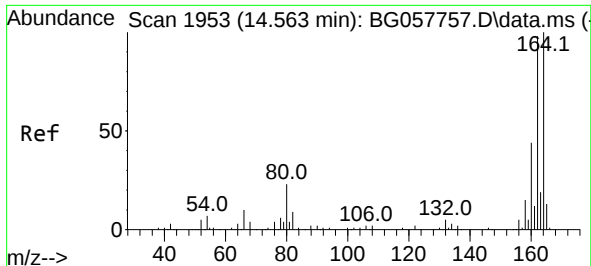
Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Tgt Ion:142	Resp: 222083
Ion Ratio	Lower Upper
142	100
141	91.5 74.2 111.4
116	3.6 3.1 4.7





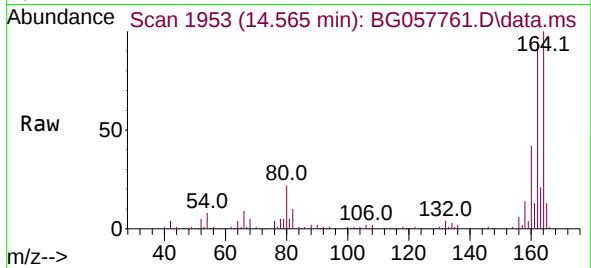
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

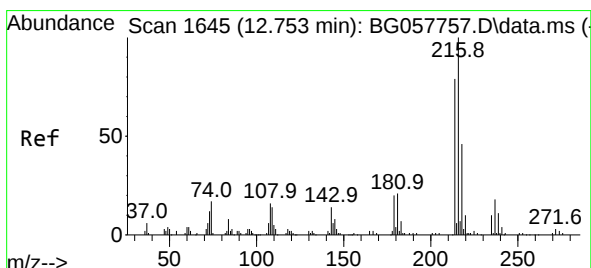
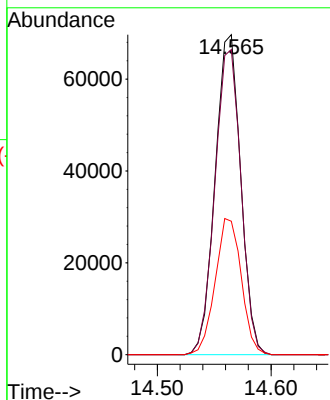
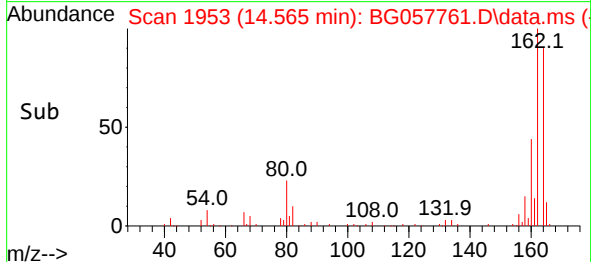


Tgt Ion:164 Resp: 108894
Ion Ratio Lower Upper
164 100
162 95.4 78.3 117.5
160 41.7 35.4 53.0

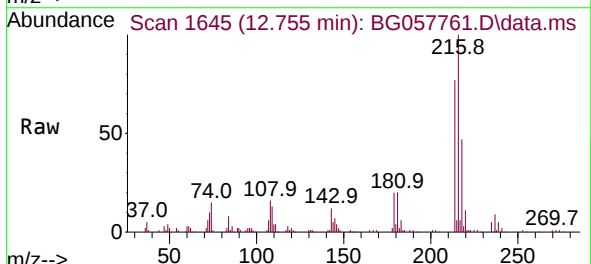
Manual Integrations

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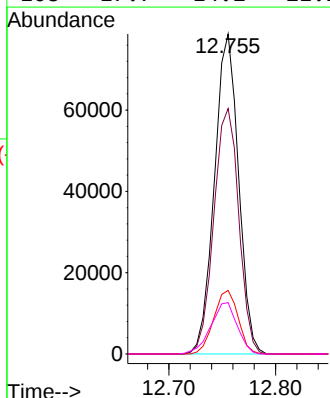
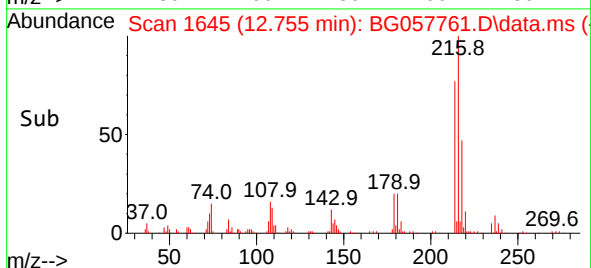
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

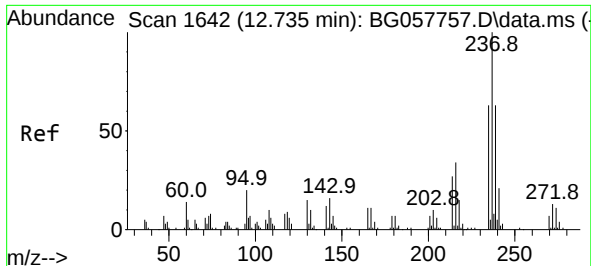


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.844 ng
RT: 12.755 min Scan# 1645
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



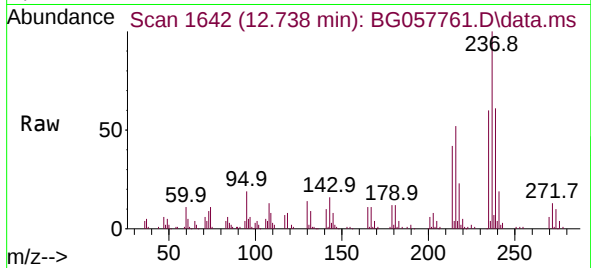
Tgt Ion:216 Resp: 123302
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 20.1 16.2 24.2
108 17.7 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 42.701 ng
RT: 12.738 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

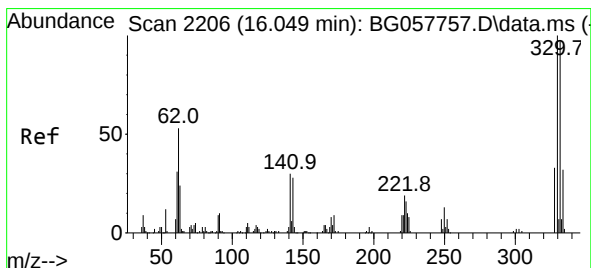
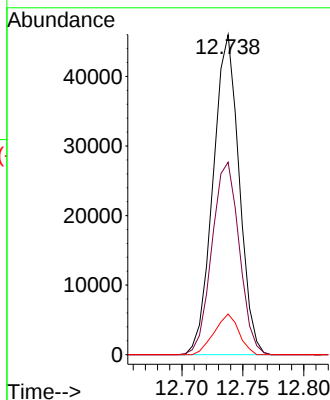
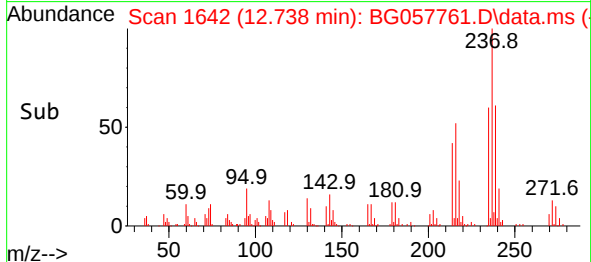
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



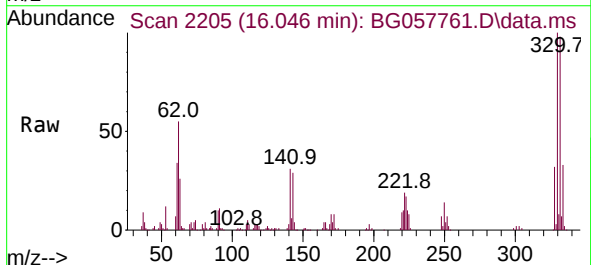
Tgt Ion:237 Resp: 68438
Ion Ratio Lower Upper
237 100
235 60.1 43.5 83.5
272 12.7 0.0 32.8

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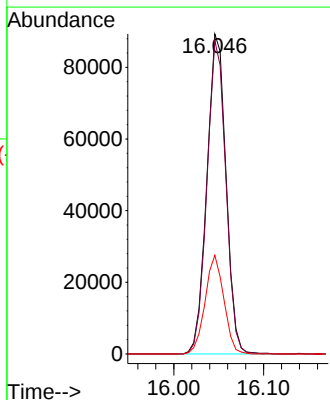
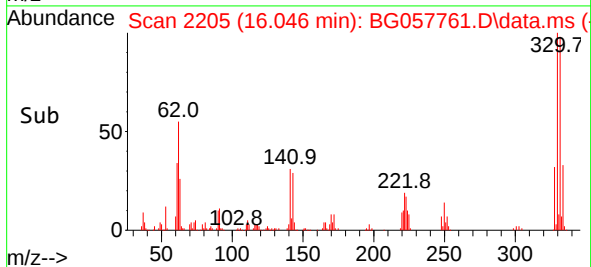
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

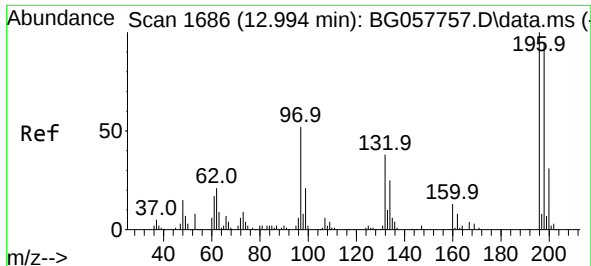


#42
2,4,6-Tribromophenol
Concen: 87.178 ng
RT: 16.046 min Scan# 2205
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:330 Resp: 132239
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 30.1 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 41.809 ng
RT: 12.990 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

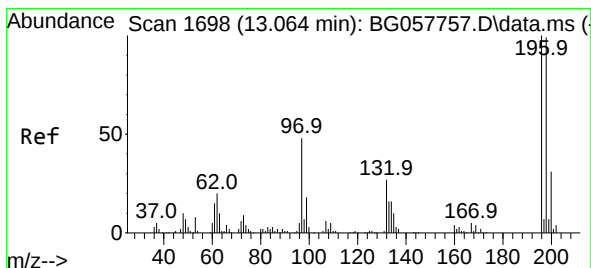
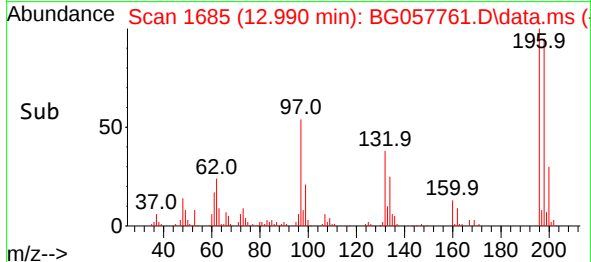
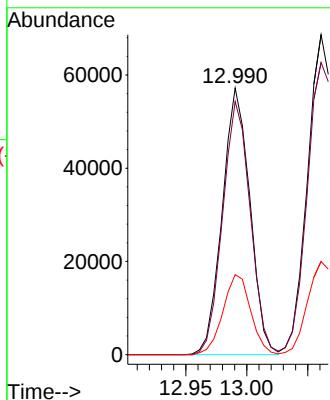
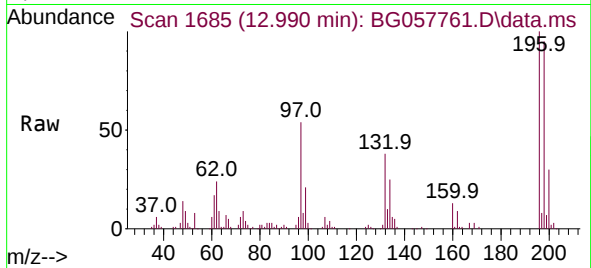
ICVBG061923

Tgt Ion:196 Resp: 90374
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
200 30.0 24.6 36.8

Manual Integrations

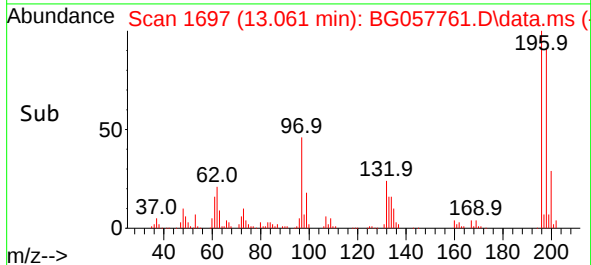
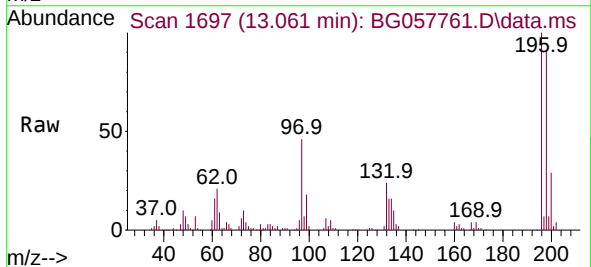
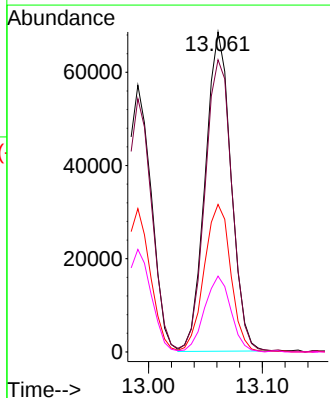
APPROVED

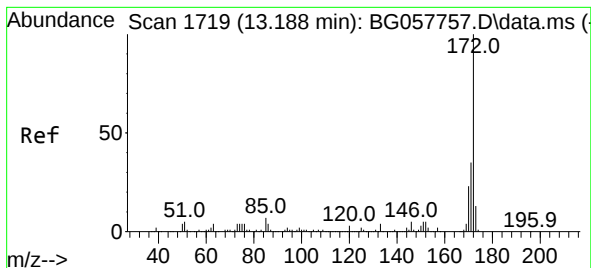
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#44
2,4,5-Trichlorophenol
Concen: 42.978 ng
RT: 13.061 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:196 Resp: 108288
Ion Ratio Lower Upper
196 100
198 91.3 78.9 118.3
97 46.1 38.3 57.5
132 23.7 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 79.715 ng

RT: 13.190 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion:172 Resp: 572308

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

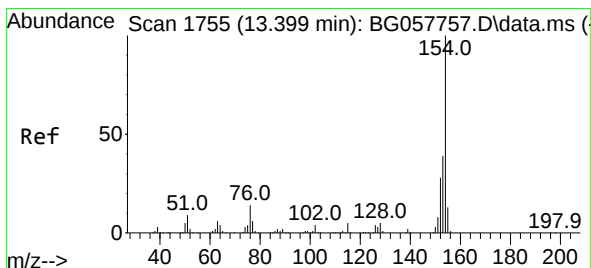
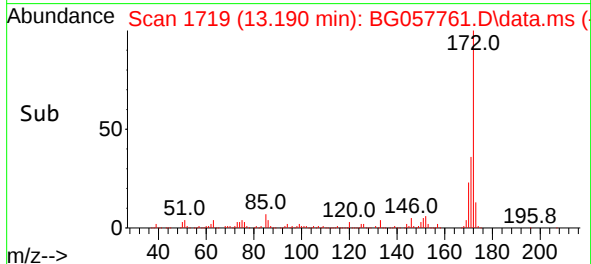
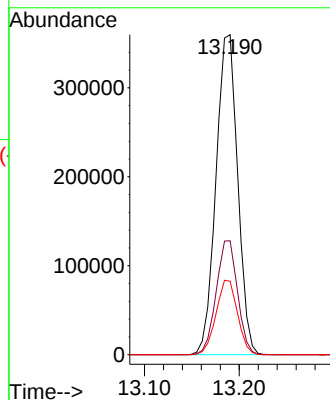
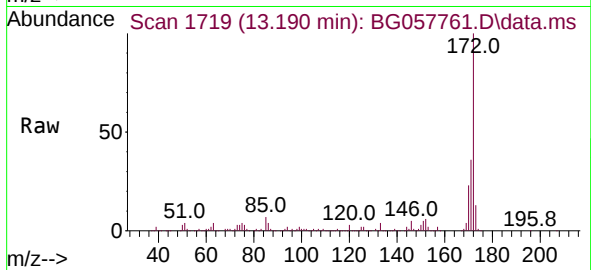
170 22.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#46

1,1'-Biphenyl

Concen: 40.234 ng

RT: 13.396 min Scan# 1754

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

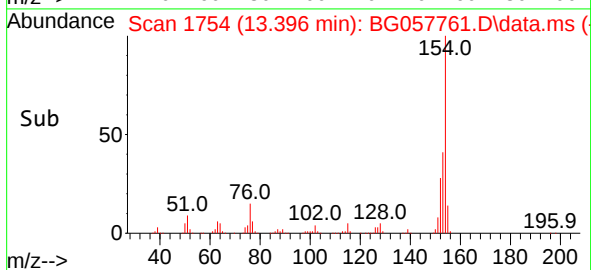
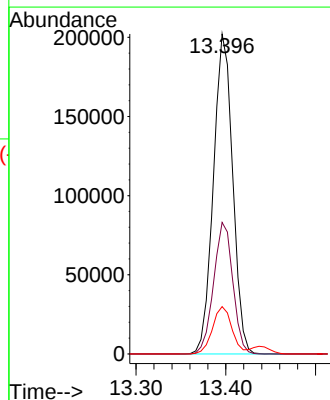
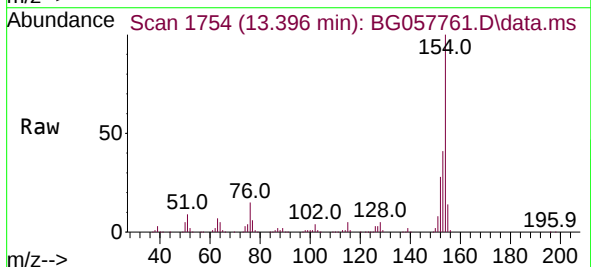
Tgt Ion:154 Resp: 300830

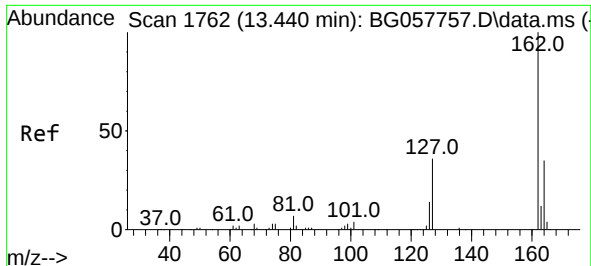
Ion Ratio Lower Upper

154 100

153 41.1 19.1 59.1

76 14.8 0.0 34.3





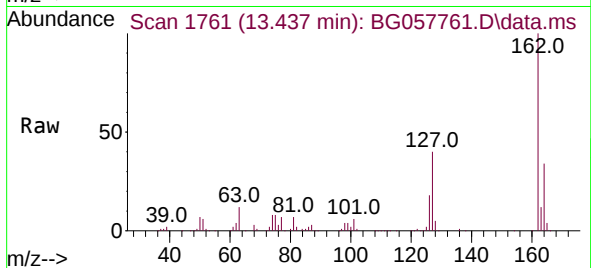
#47
2-Chloronaphthalene
Concen: 40.074 ng
RT: 13.437 min Scan# 1761
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

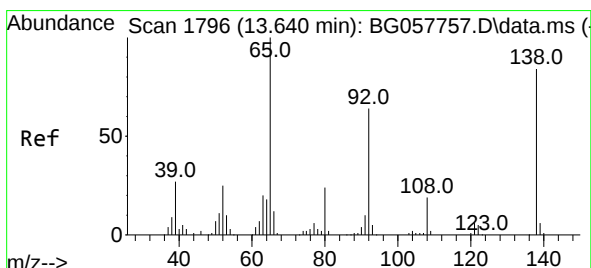
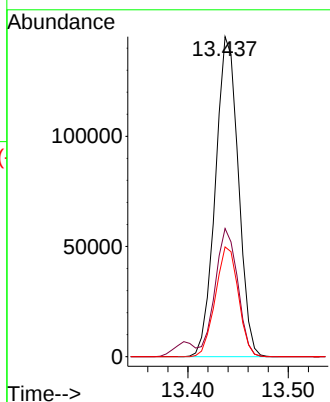
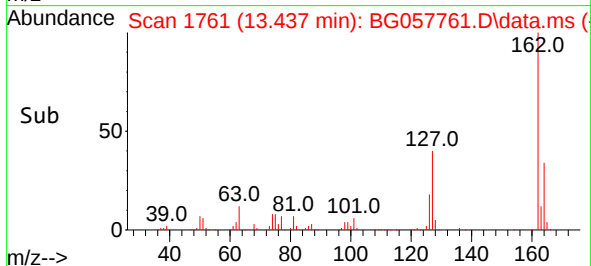


Tgt Ion:162 Resp: 23019
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 34.3 28.0 42.0

Manual Integrations

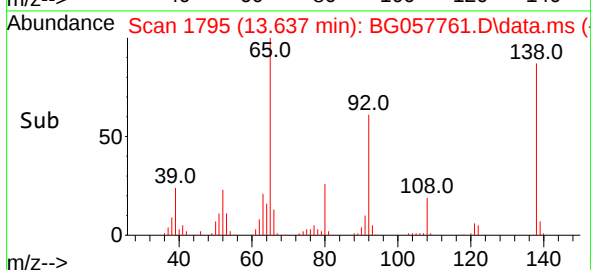
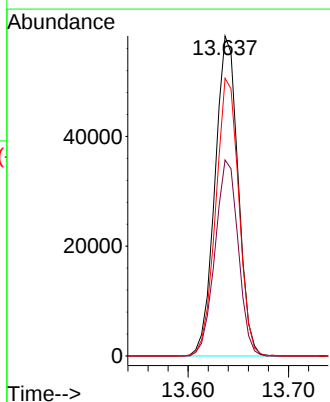
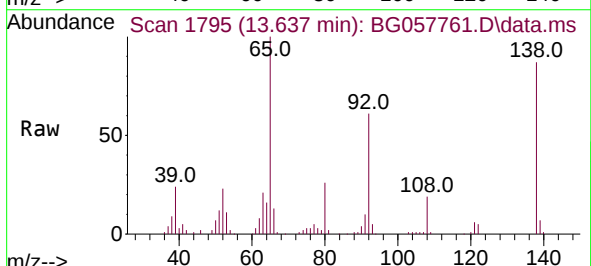
APPROVED

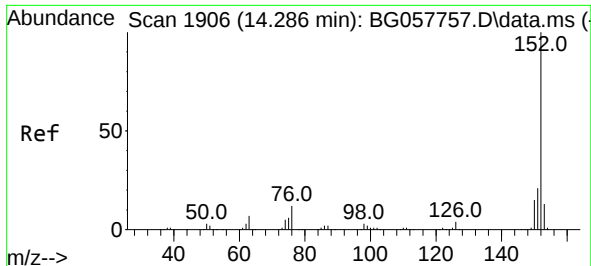
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#48
2-Nitroaniline
Concen: 45.578 ng
RT: 13.637 min Scan# 1795
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion: 65 Resp: 93038
Ion Ratio Lower Upper
65 100
92 61.3 51.2 76.8
138 86.8 67.2 100.8





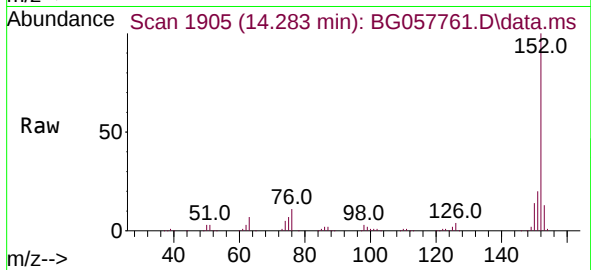
#49
Acenaphthylene
Concen: 40.862 ng
RT: 14.283 min Scan# 1906
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

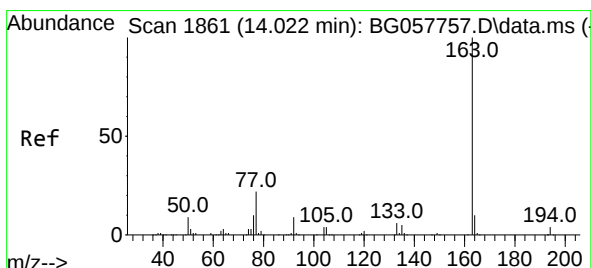
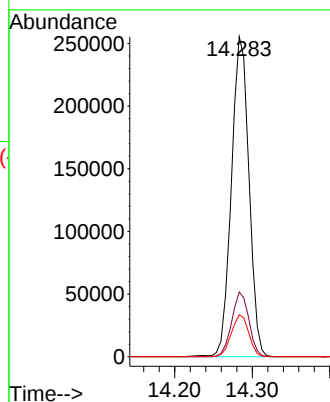
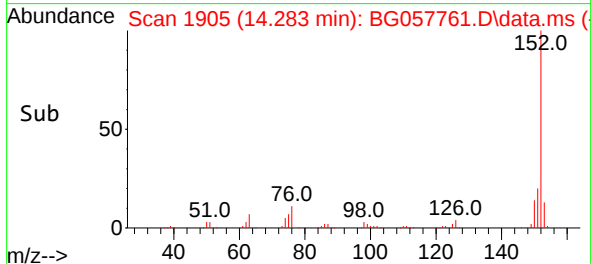


Tgt Ion:152 Resp: 402884
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.4
153 13.1 10.5 15.7

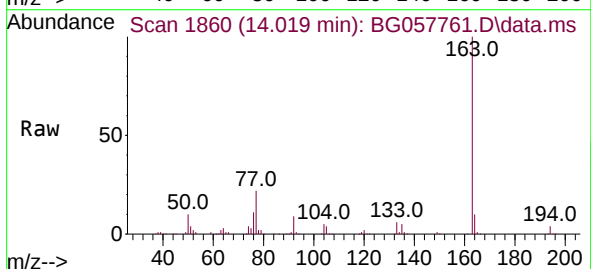
Manual Integrations

APPROVED

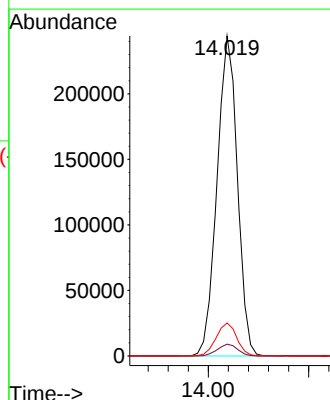
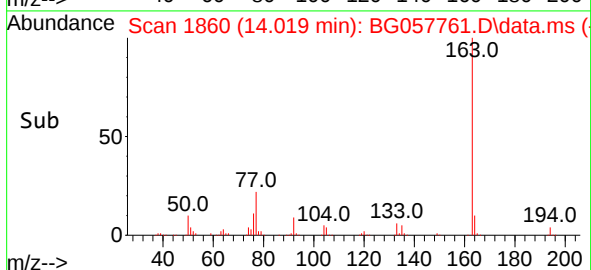
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

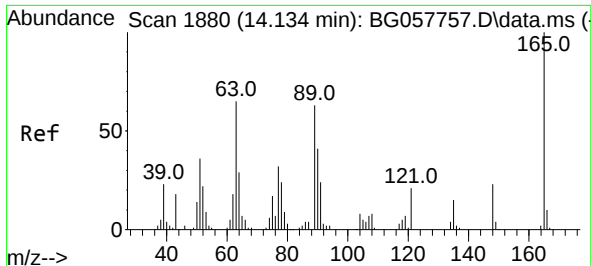


#50
Dimethylphthalate
Concen: 41.007 ng
RT: 14.019 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:163 Resp: 342969
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.3 8.2 12.4





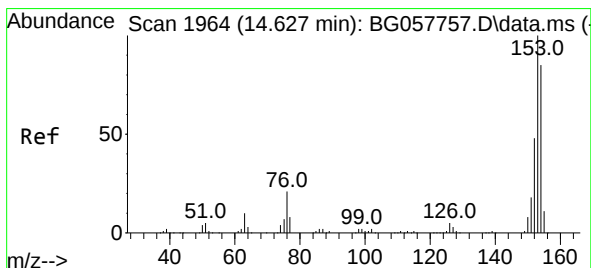
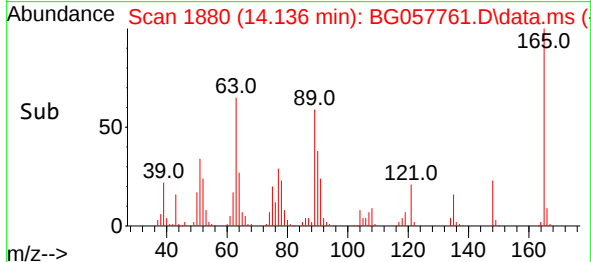
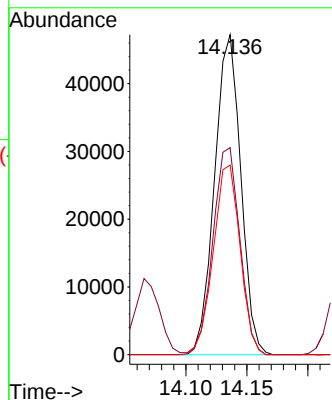
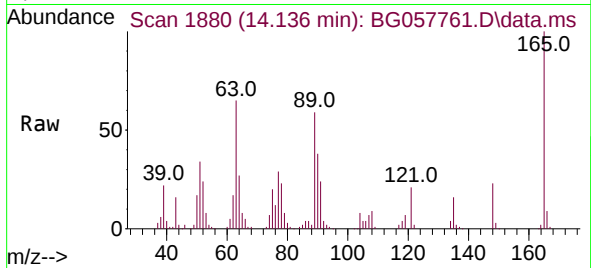
#51
2,6-Dinitrotoluene
Concen: 45.803 ng
RT: 14.136 min Scan# 1880
Delta R.T. 0.002 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :
BNA_G
ClientSampleId :
ICVBG061923

Tgt Ion:165 Resp: 70544
Ion Ratio Lower Upper
165 100
63 64.7 52.8 79.2
89 59.2 50.7 76.1

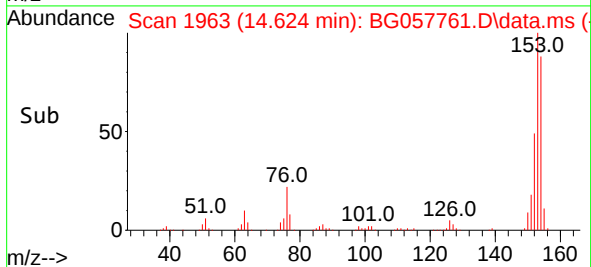
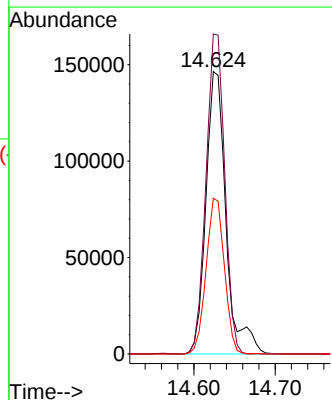
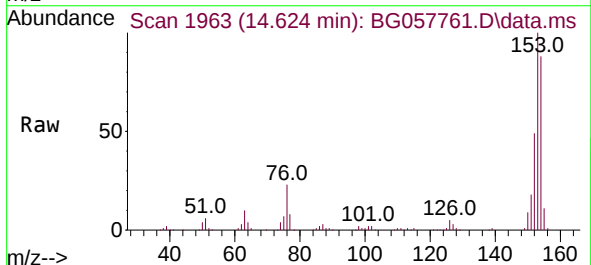
Manual Integrations
APPROVED

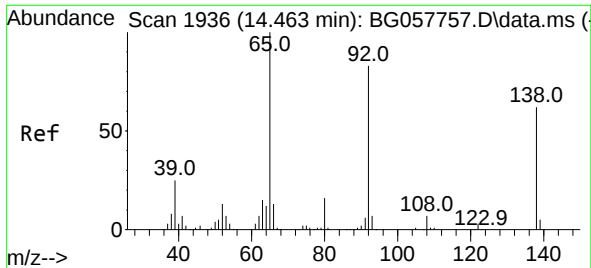
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 41.233 ng
RT: 14.624 min Scan# 1963
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:154 Resp: 251674
Ion Ratio Lower Upper
154 100
153 113.3 93.6 140.4
152 55.2 44.7 67.1





#53
3-Nitroaniline
Concen: 45.253 ng
RT: 14.465 min Scan# 1936
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

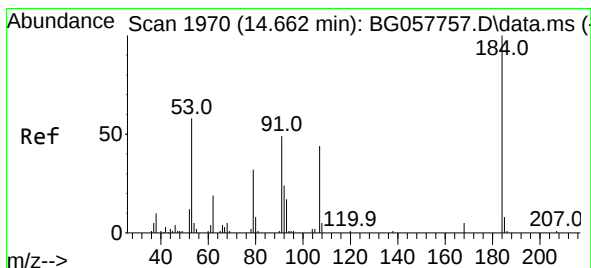
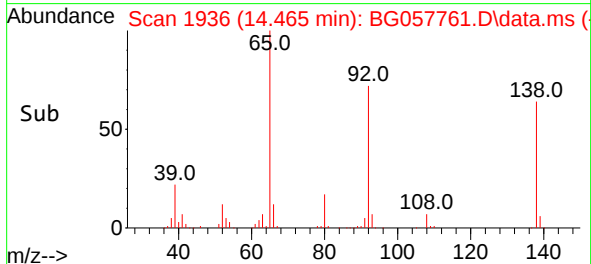
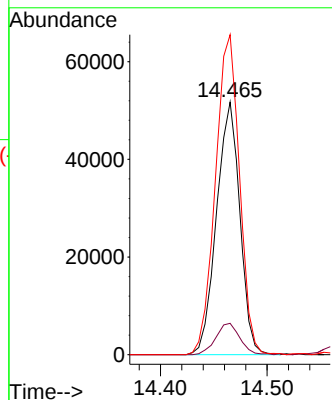
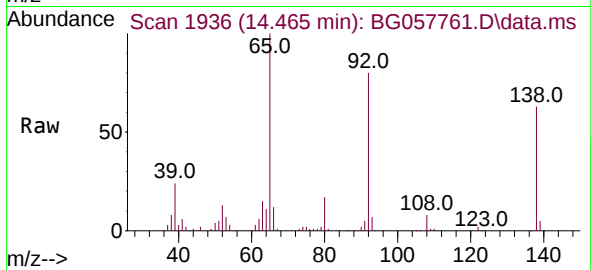
ClientSampleId :

ICVBG061923

Tgt Ion:138 Resp: 7854
Ion Ratio Lower Upper
138 100
108 12.4 9.1 13.7
92 126.7 106.4 159.6

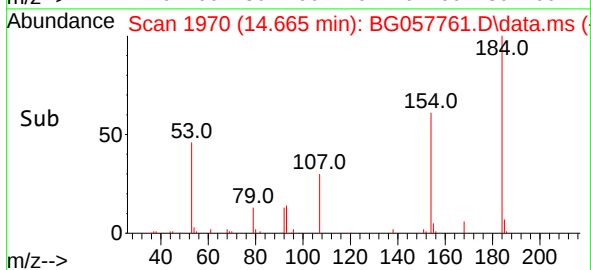
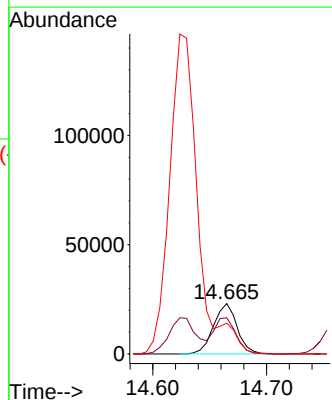
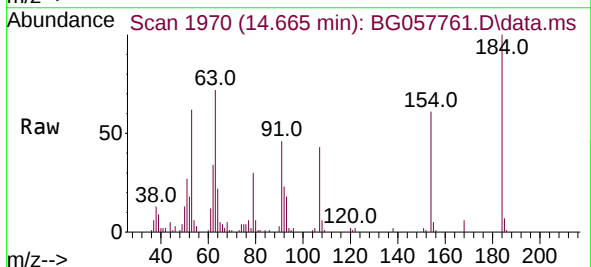
Manual Integrations
APPROVED

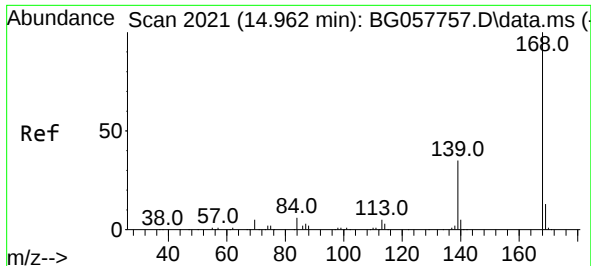
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 43.108 ng
RT: 14.665 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:184 Resp: 33144
Ion Ratio Lower Upper
184 100
63 71.8 55.2 82.8
154 60.9 47.4 71.0





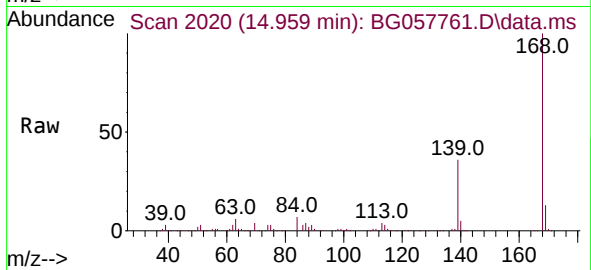
#55
Dibenzofuran
Concen: 40.814 ng
RT: 14.959 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923



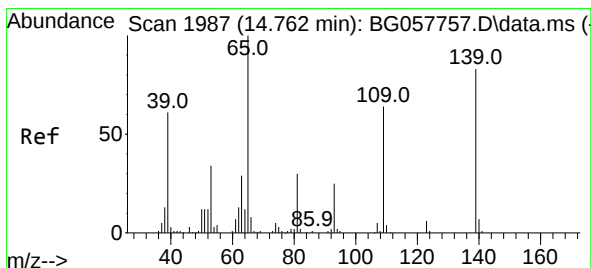
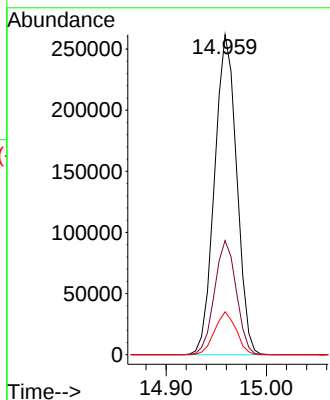
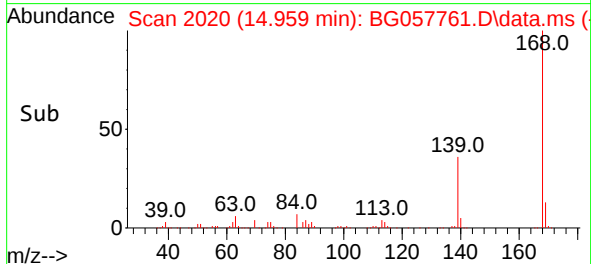
Tgt Ion:168 Resp: 400568
Ion Ratio Lower Upper
168 100
139 35.7 28.1 42.1
169 13.4 10.7 16.1

Manual Integrations

APPROVED

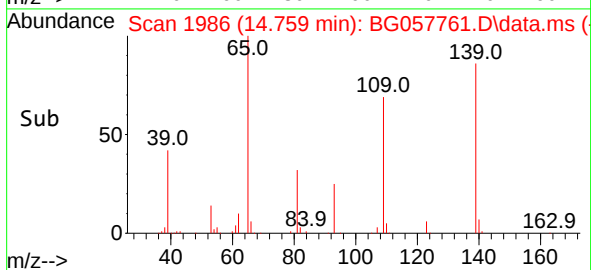
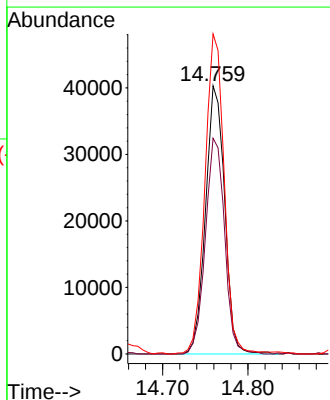
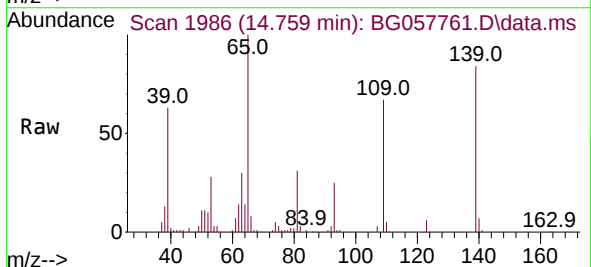
Reviewed By :Yogesh Patel 06/20/2023

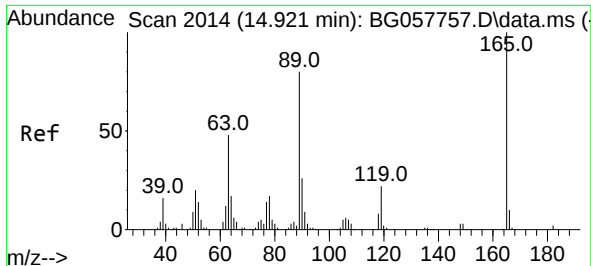
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 45.461 ng
RT: 14.759 min Scan# 1986
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:139 Resp: 62708
Ion Ratio Lower Upper
139 100
109 80.4 57.3 97.3
65 119.3 100.0 140.0





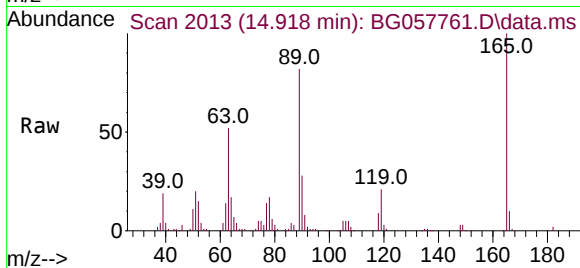
#57
2,4-Dinitrotoluene
Concen: 47.245 ng
RT: 14.918 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

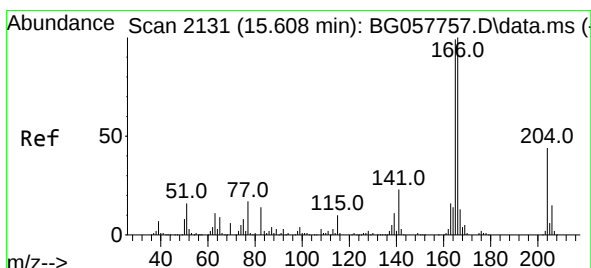
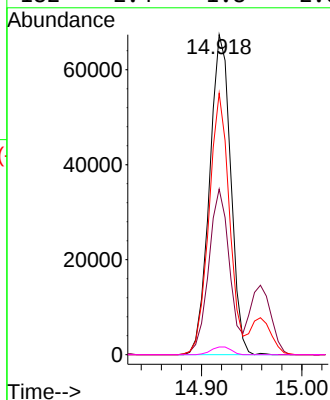
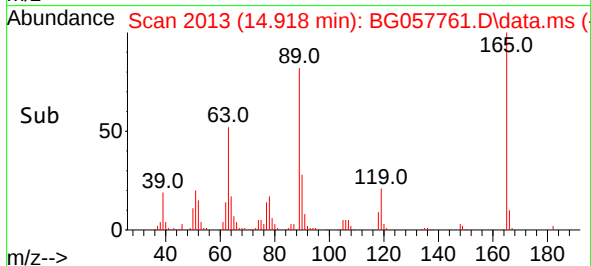


Tgt Ion:165 Resp: 98674
Ion Ratio Lower Upper
165 100
63 51.8 38.6 58.0
89 81.7 63.7 95.5
182 2.4 1.8 2.6

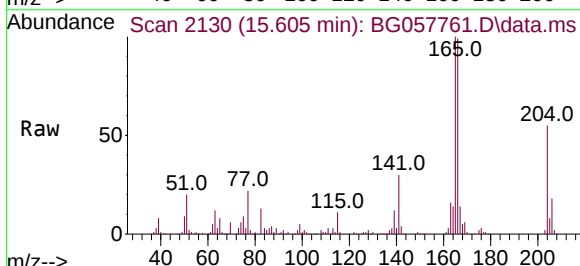
Manual Integrations

APPROVED

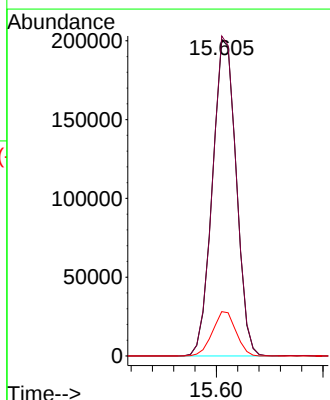
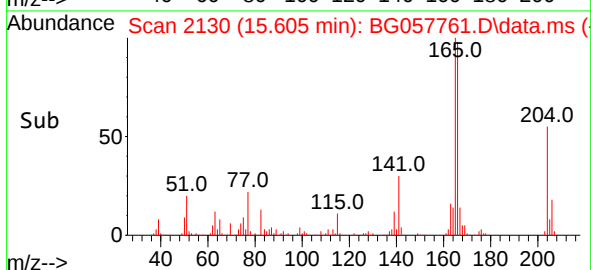
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

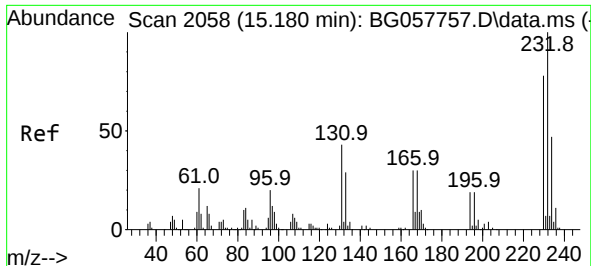


#58
Fluorene
Concen: 40.040 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



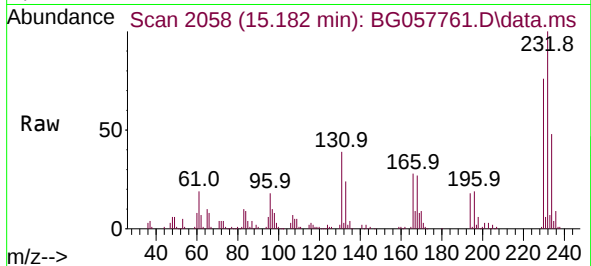
Tgt Ion:166 Resp: 311066
Ion Ratio Lower Upper
166 100
165 101.1 79.5 119.3
167 14.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.056 ng
RT: 15.182 min Scan# 2058
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

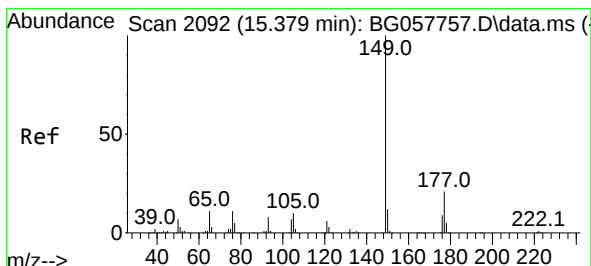
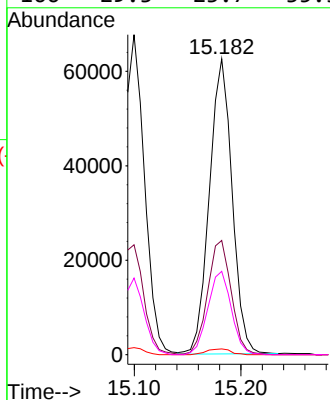
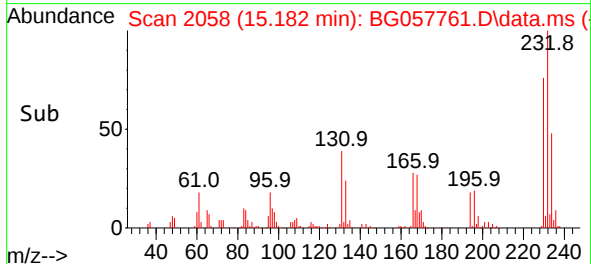
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



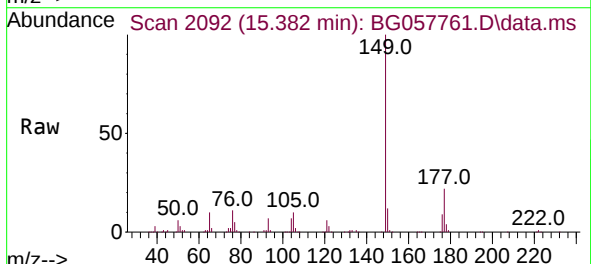
Tgt Ion:232 Resp: 9245
Ion Ratio Lower Upper
232 100
131 40.3 31.9 47.9
130 2.1 1.6 2.4
166 29.3 23.7 35.5

Manual Integrations
APPROVED

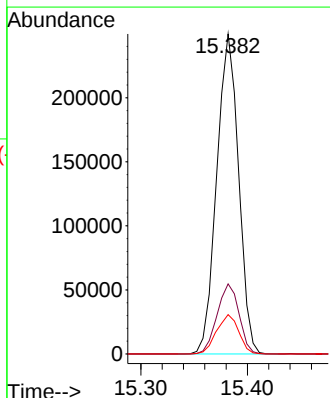
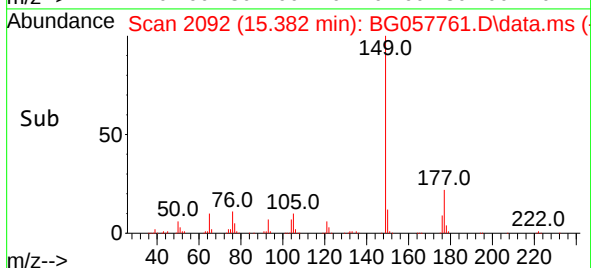
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

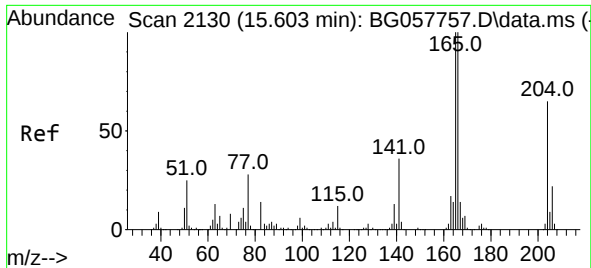


#60
Diethylphthalate
Concen: 41.341 ng
RT: 15.382 min Scan# 2092
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:149 Resp: 354729
Ion Ratio Lower Upper
149 100
177 21.9 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.954 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

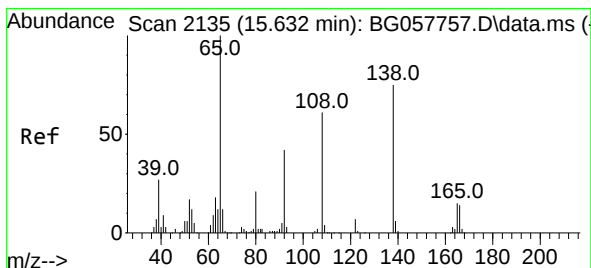
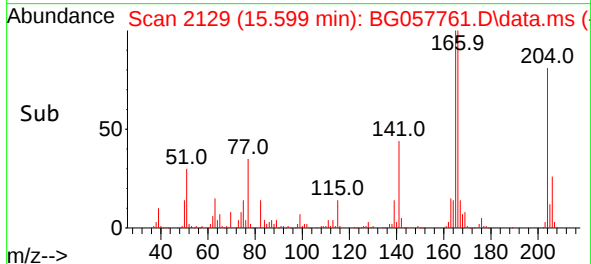
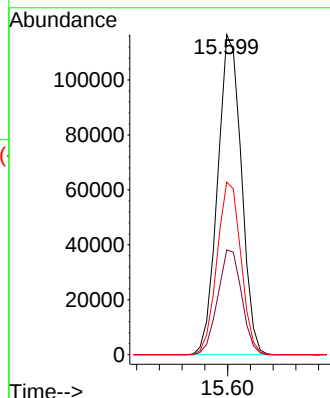
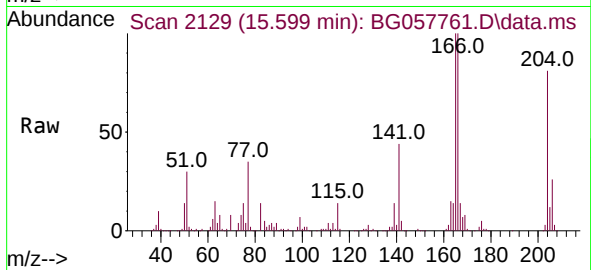
ICVBG061923

Tgt Ion:204 Resp: 16917
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 54.0 44.3 66.5

Manual Integrations

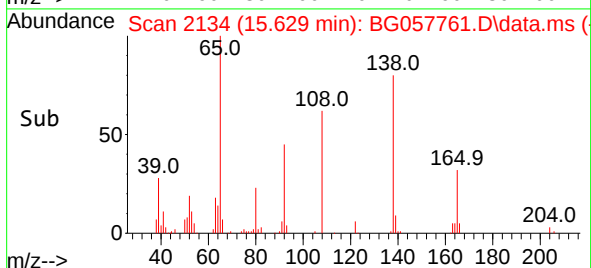
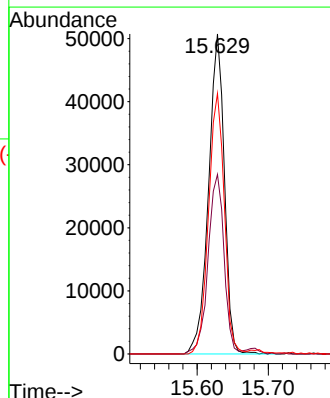
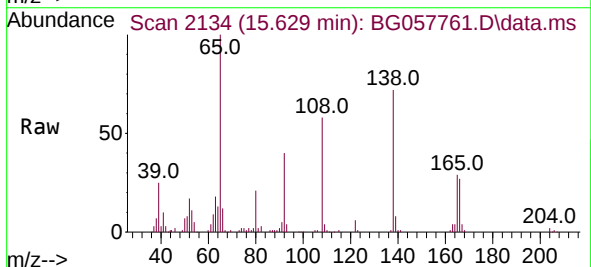
APPROVED

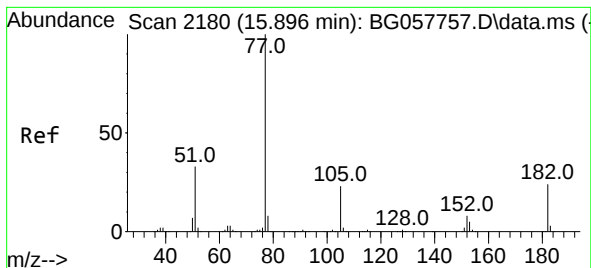
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 44.557 ng
RT: 15.629 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:138 Resp: 78842
Ion Ratio Lower Upper
138 100
92 56.1 35.9 75.9
108 81.4 62.1 102.1





#63

Azobenzene

Concen: 40.741 ng

RT: 15.893 min Scan# 2180

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion: 77 Resp: 35758

Ion Ratio Lower Upper

77 100

182 23.3 4.1 44.1

105 22.6 3.3 43.3

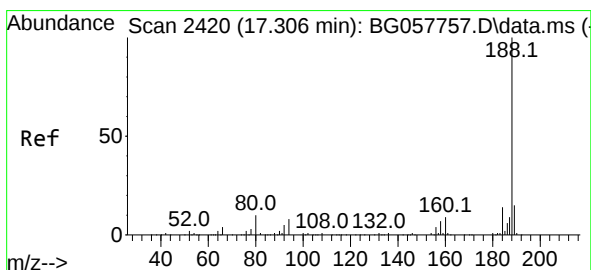
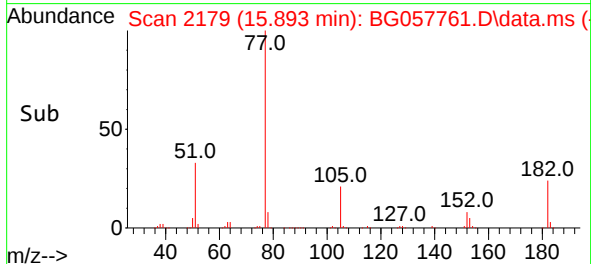
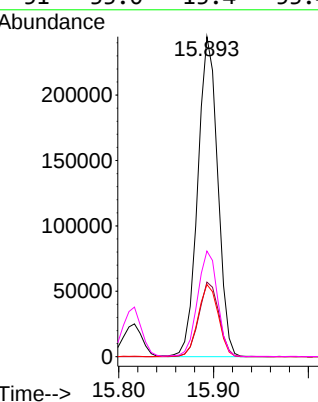
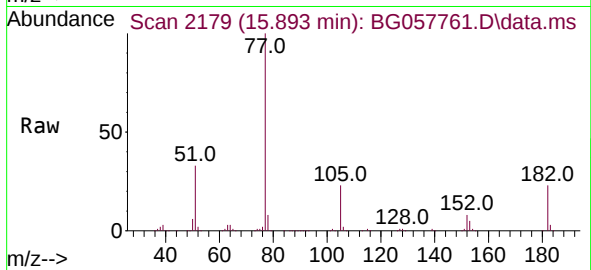
51 33.0 13.4 53.4

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: 17.303 min Scan# 2419

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

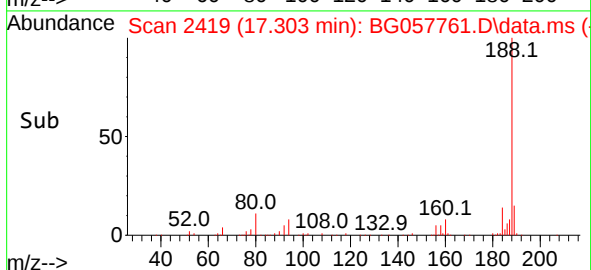
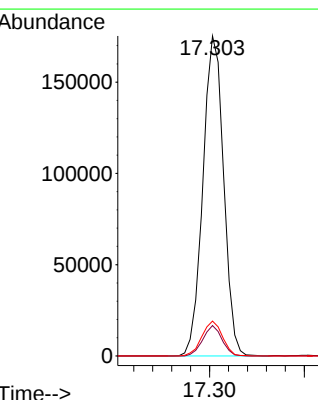
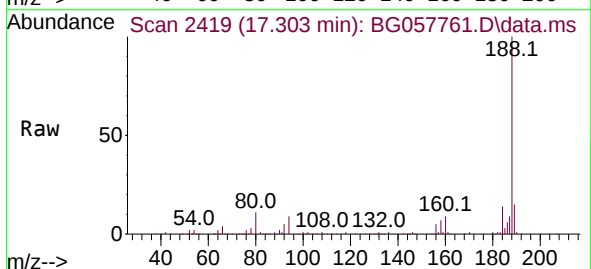
Tgt Ion:188 Resp: 265814

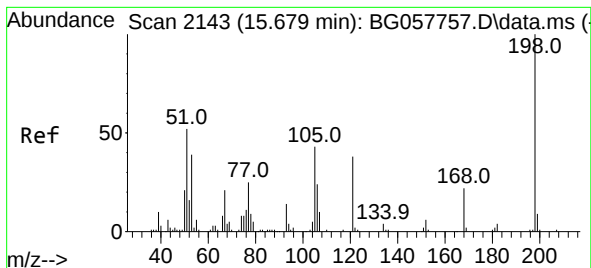
Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

80 10.9 7.6 11.4





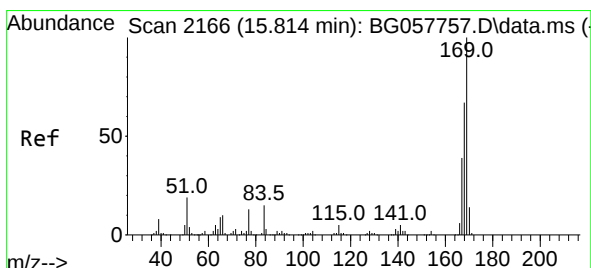
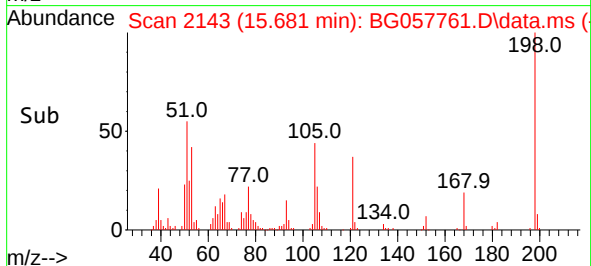
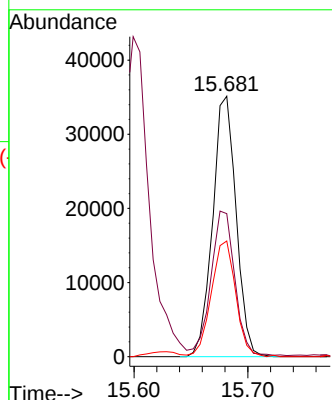
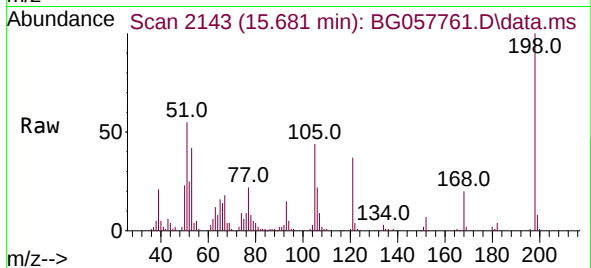
#65
4,6-Dinitro-2-methylphenol
Concen: 42.046 ng
RT: 15.681 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :
BNA_G
ClientSampleId :
ICVBG061923

Tgt Ion:198 Resp: 50438
Ion Ratio Lower Upper
198 100
51 54.9 36.6 76.6
105 44.4 24.3 64.3

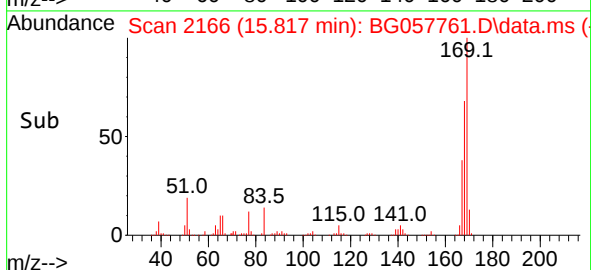
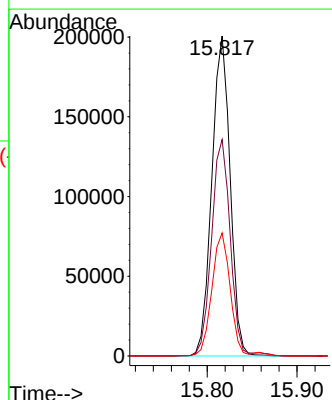
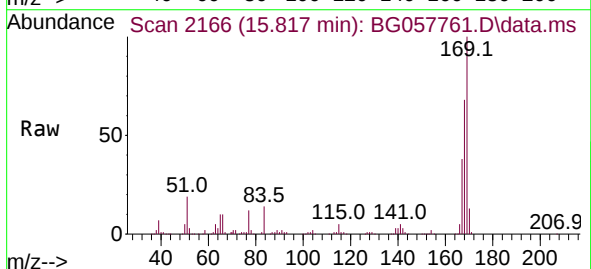
Manual Integrations
APPROVED

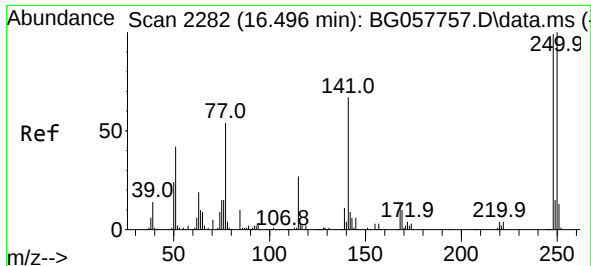
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 40.433 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:169 Resp: 283660
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 38.4 31.2 46.8





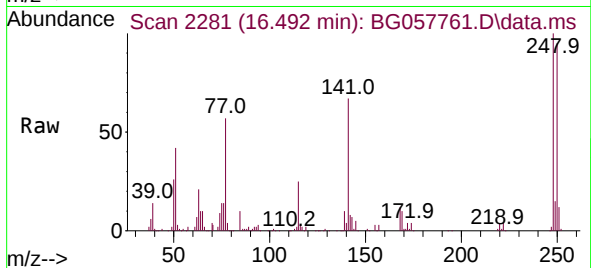
#67
4-Bromophenyl-phenylether
Concen: 40.635 ng
RT: 16.492 min Scan# 2282
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923



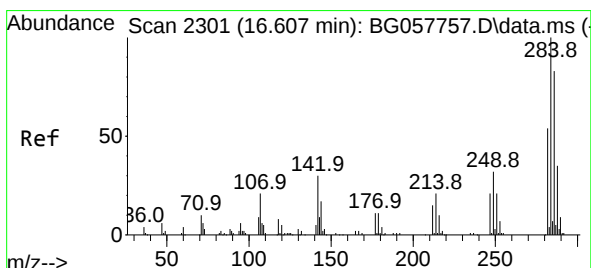
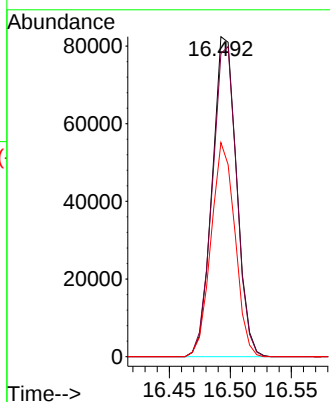
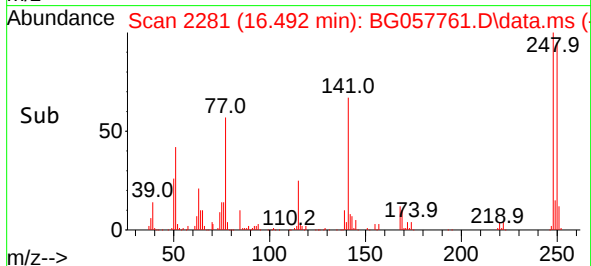
Tgt Ion:248 Resp: 11455
Ion Ratio Lower Upper
248 100
250 94.7 81.1 121.7
141 66.9 54.6 81.8

Manual Integrations

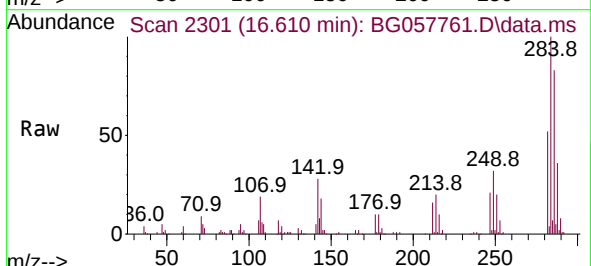
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

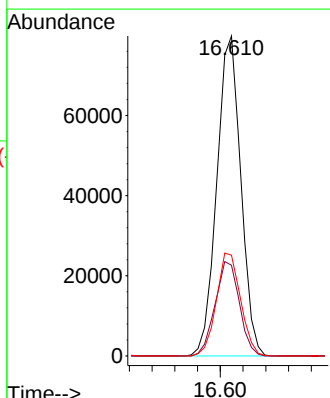
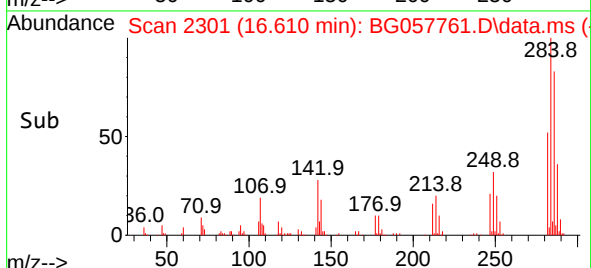
Supervised By :mohammad ahmed 06/20/2023

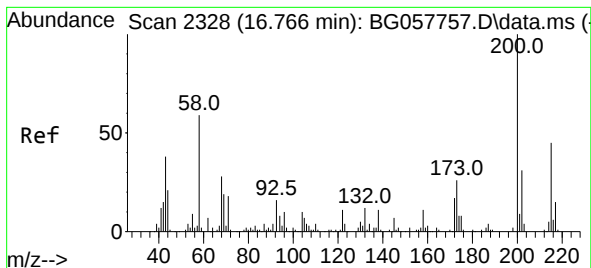


#68
Hexachlorobenzene
Concen: 40.677 ng
RT: 16.610 min Scan# 2301
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:284 Resp: 116899
Ion Ratio Lower Upper
284 100
142 28.3 24.2 36.4
249 31.5 25.9 38.9





#69

Atrazine

Concen: 41.116 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion:200 Resp: 99020

Ion Ratio Lower Upper

200 100

173 26.0 5.6 45.6

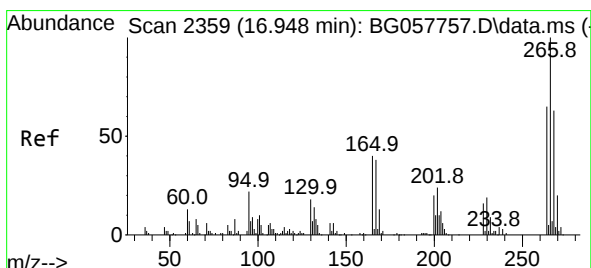
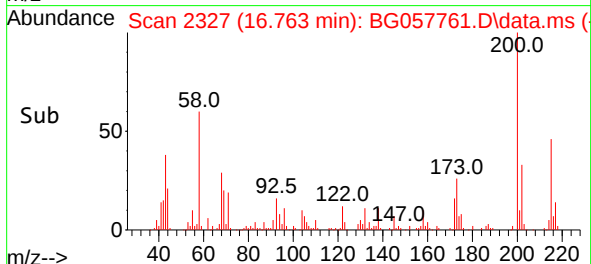
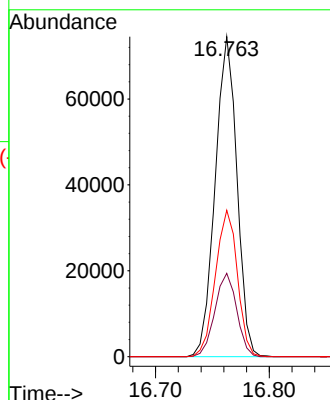
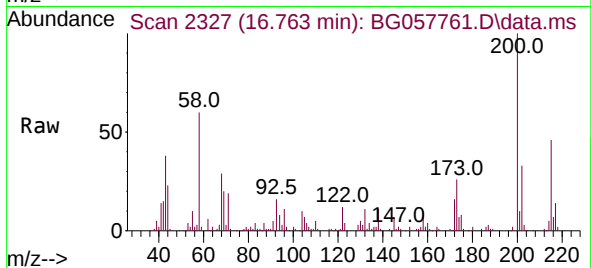
215 45.8 24.6 64.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 44.091 ng

RT: 16.951 min Scan# 2359

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

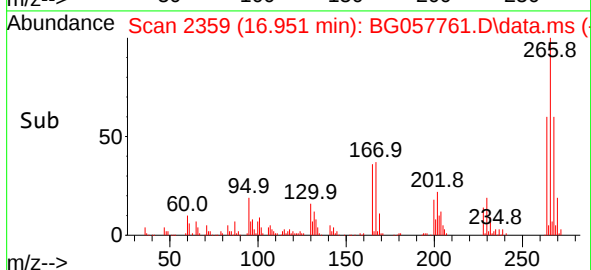
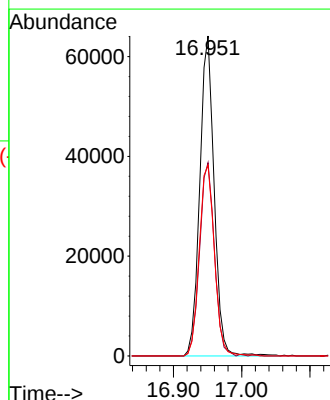
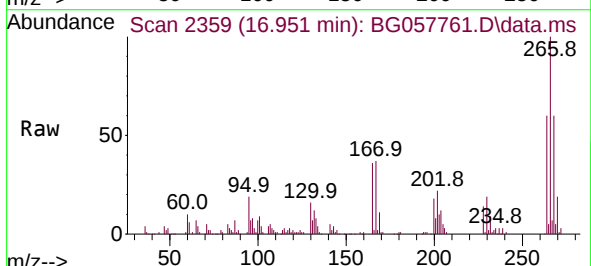
Tgt Ion:266 Resp: 93611

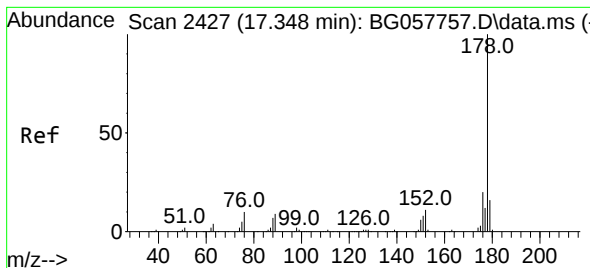
Ion Ratio Lower Upper

266 100

268 60.4 50.5 75.7

264 59.6 51.8 77.6





#71

Phenanthrene

Concen: 39.952 ng

RT: 17.344 min Scan# 2427

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

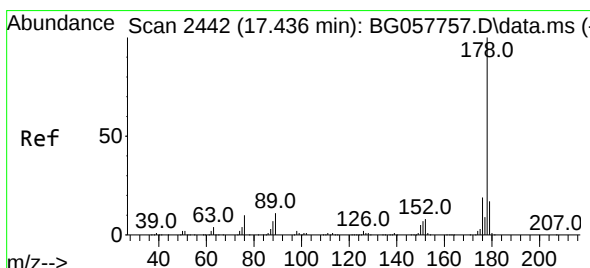
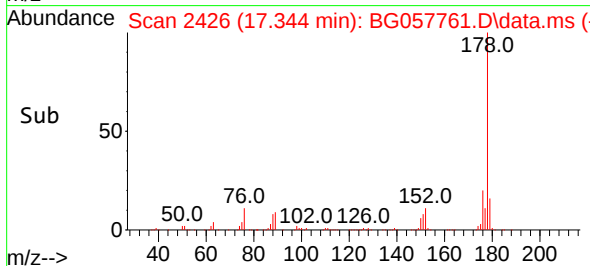
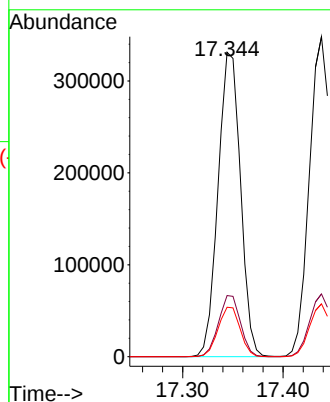
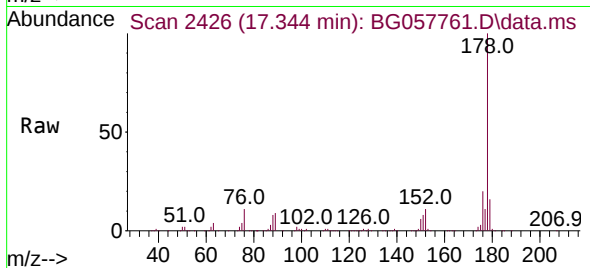
ICVBG061923

Tgt Ion:178 Resp: 514190
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.3 24.5
 179 16.3 13.0 19.6

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 40.158 ng

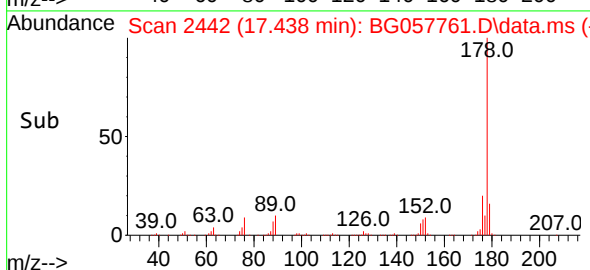
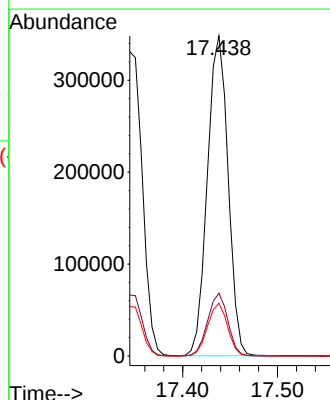
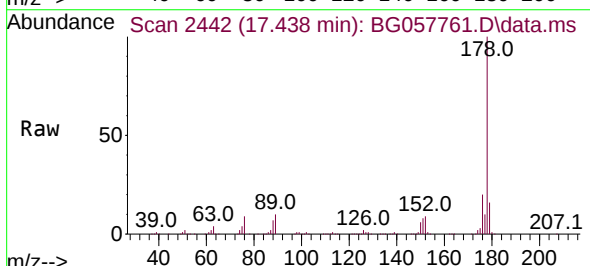
RT: 17.438 min Scan# 2442

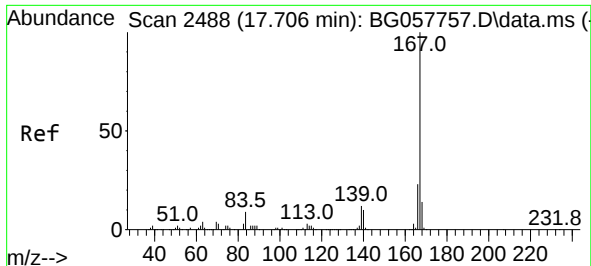
Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

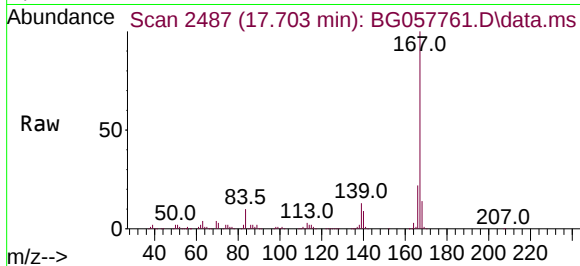
Tgt Ion:178 Resp: 527765
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 16.5 13.3 19.9





#73
Carbazole
Concen: 40.172 ng
RT: 17.703 min Scan# 2488
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

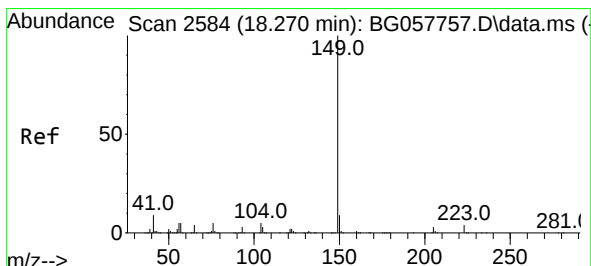
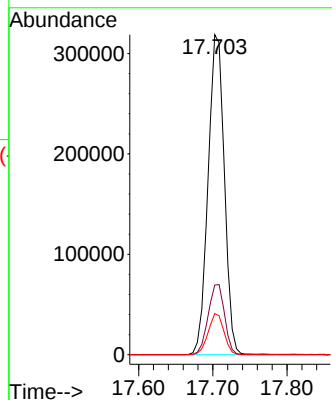
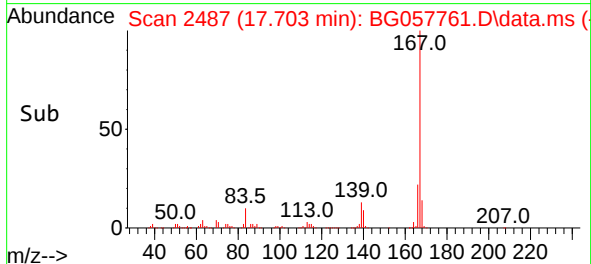
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



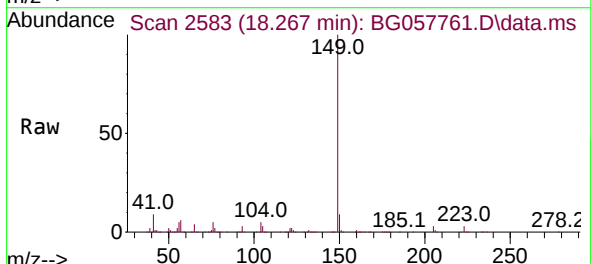
Tgt Ion:167 Resp: 486785
Ion Ratio Lower Upper
167 100
166 21.7 18.4 27.6
139 12.9 9.9 14.9

Manual Integrations
APPROVED

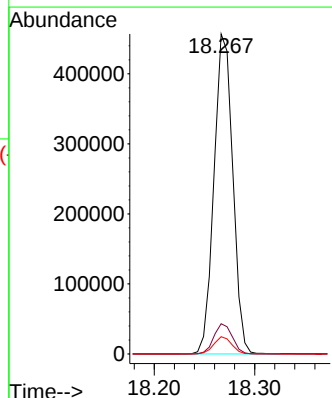
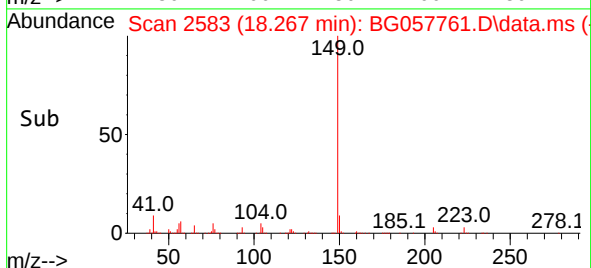
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

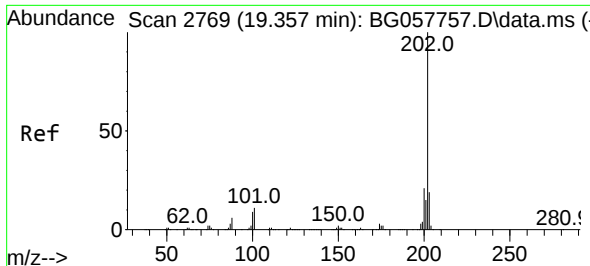


#74
Di-n-butylphthalate
Concen: 41.324 ng
RT: 18.267 min Scan# 2583
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



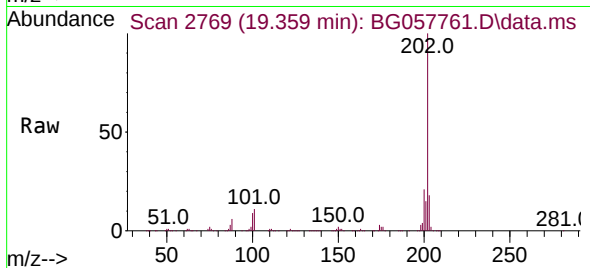
Tgt Ion:149 Resp: 592909
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 40.251 ng
RT: 19.359 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

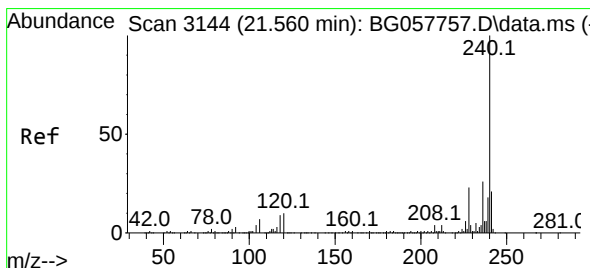
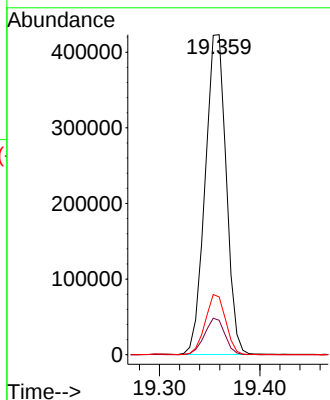
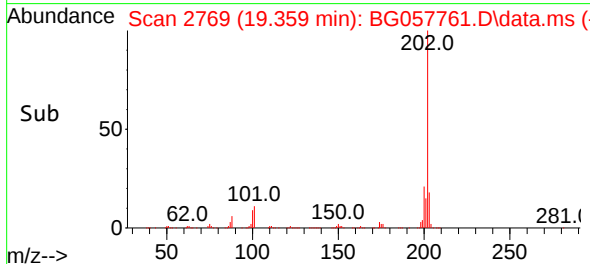
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



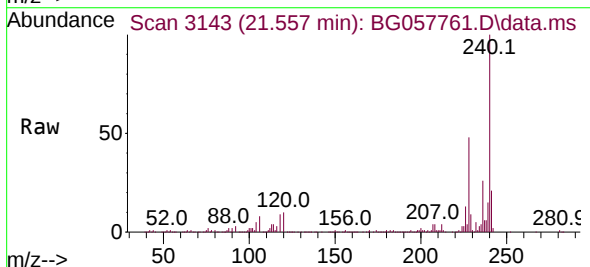
Tgt Ion:202 Resp: 61714
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.3
203 18.1 0.0 38.7

Manual Integrations
APPROVED

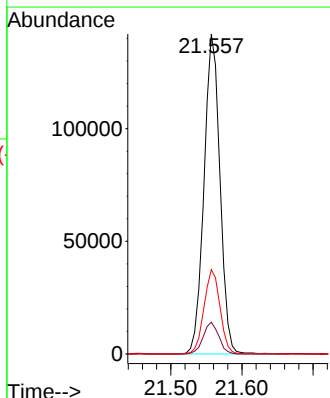
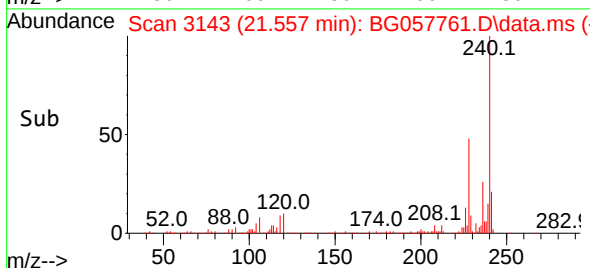
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

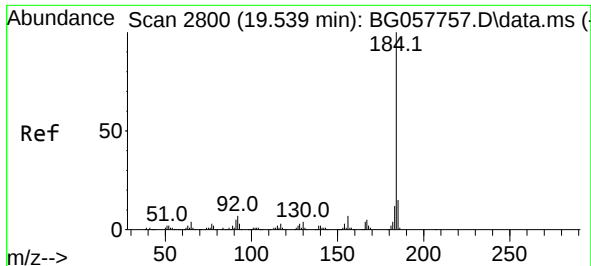


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



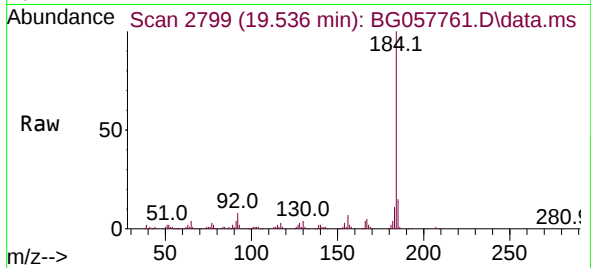
Tgt Ion:240 Resp: 222146
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.4 20.6 30.8





#77
Benzidine
Concen: 40.268 ng
RT: 19.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

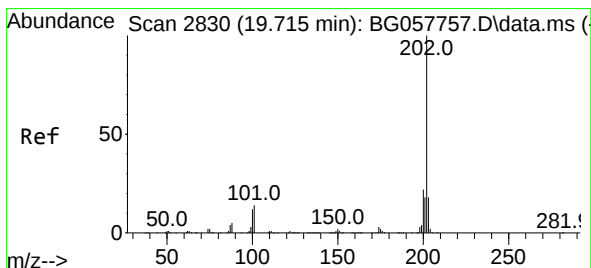
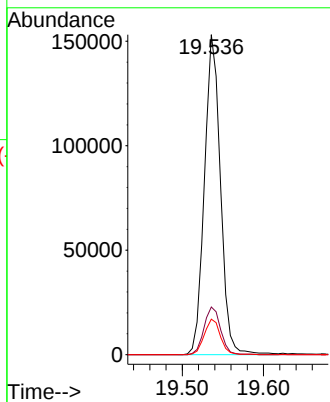
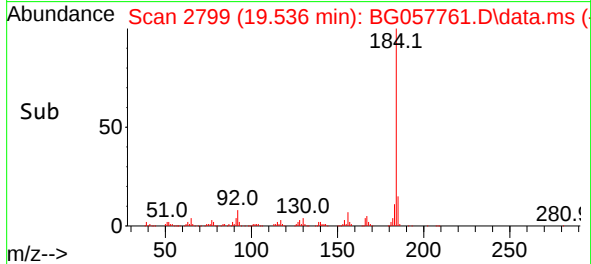
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



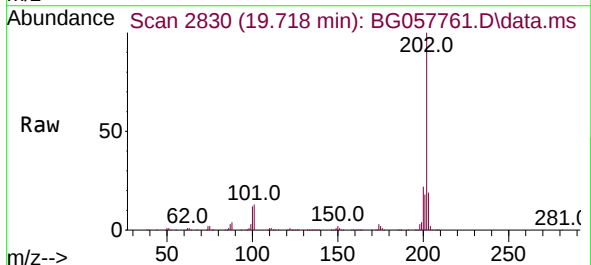
Tgt Ion:184 Resp: 209690
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.1 9.4 14.0

Manual Integrations
APPROVED

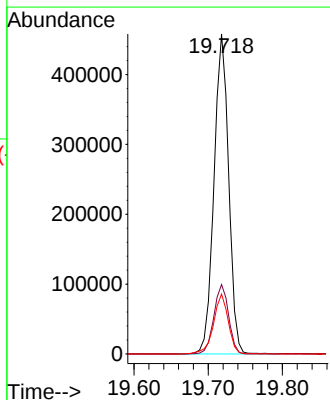
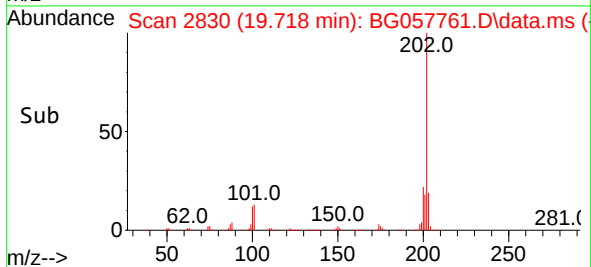
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

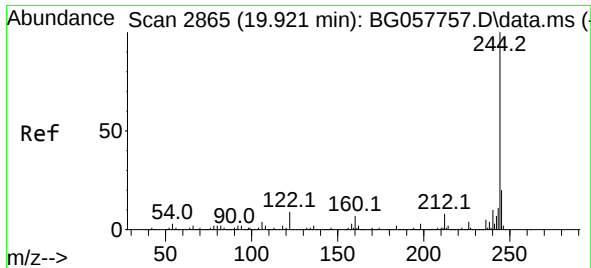


#78
Pyrene
Concen: 39.640 ng
RT: 19.718 min Scan# 2830
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:202 Resp: 628163
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 18.7 14.6 22.0





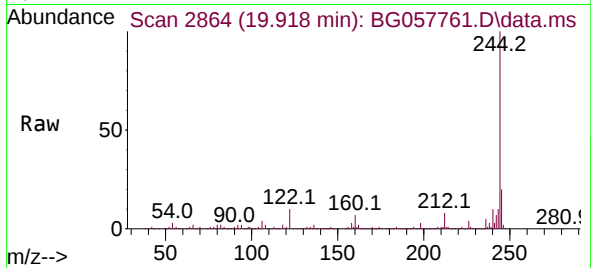
#79
 Terphenyl-d14
 Concen: 79.615 ng
 RT: 19.918 min Scan# 2864
 Delta R.T. -0.003 min
 Lab File: BG057761.D
 Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923



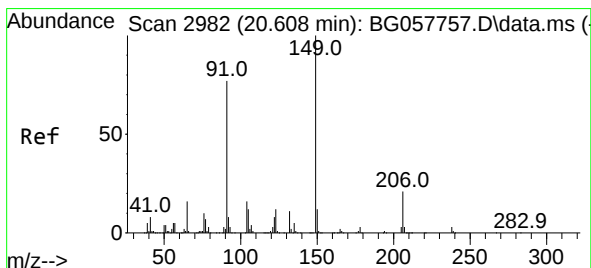
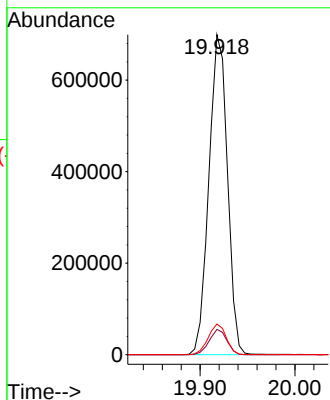
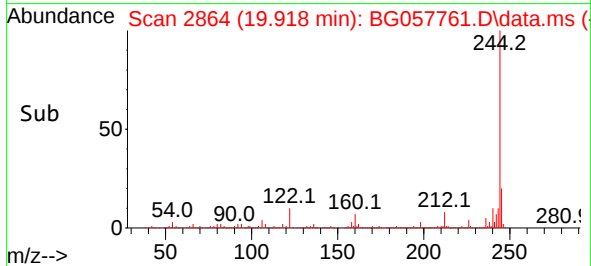
Tgt Ion:244 Resp: 94849
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 9.6 7.6 11.4

Manual Integrations

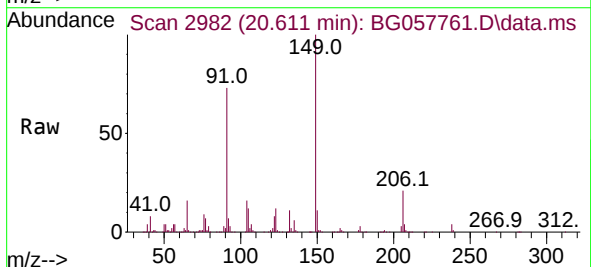
APPROVED

Reviewed By :Yogesh Patel 06/20/2023

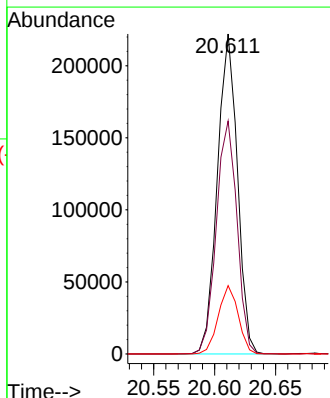
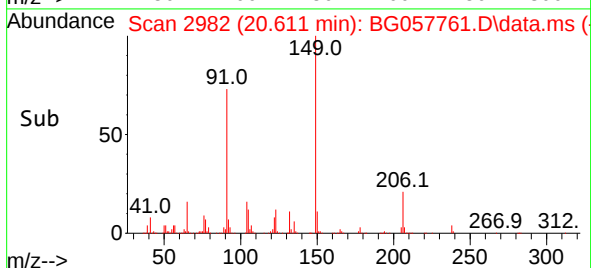
Supervised By :mohammad ahmed 06/20/2023

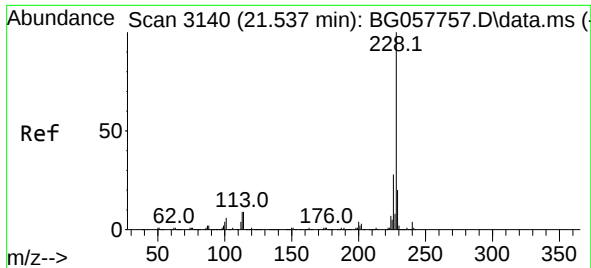


#80
 Butylbenzylphthalate
 Concen: 42.308 ng
 RT: 20.611 min Scan# 2982
 Delta R.T. 0.003 min
 Lab File: BG057761.D
 Acq: 19 Jun 2023 18:59



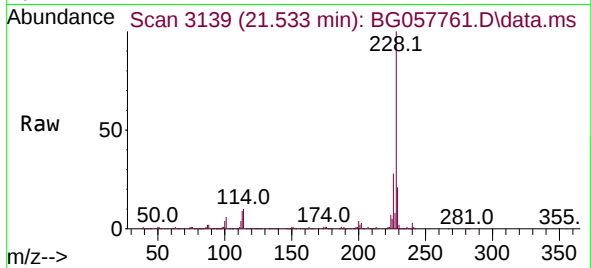
Tgt Ion:149 Resp: 255043
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.7 92.5
 206 21.4 16.6 24.8





#81
Benzo(a)anthracene
Concen: 40.365 ng
RT: 21.533 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

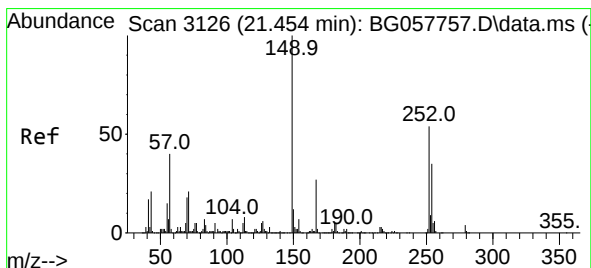
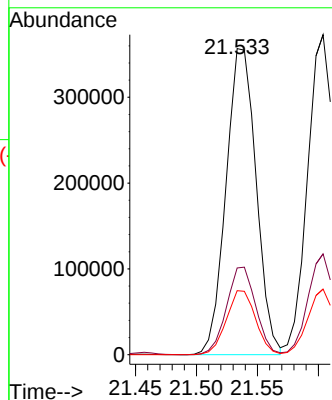
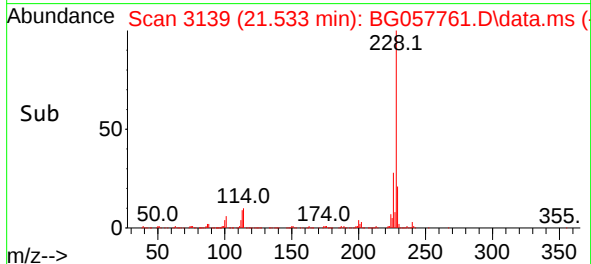
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



Tgt Ion:228 Resp: 615215
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.9 16.3 24.5

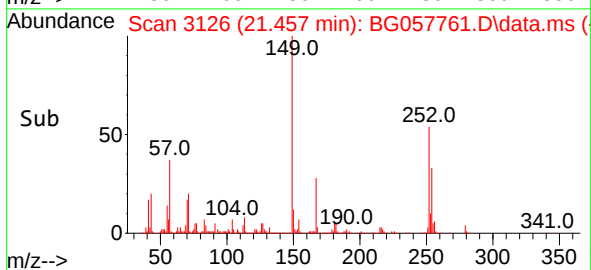
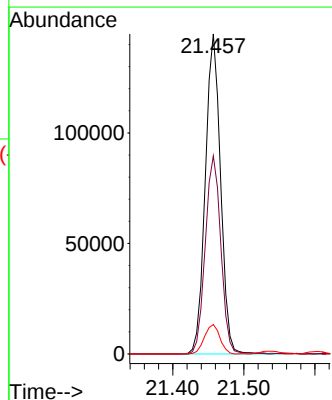
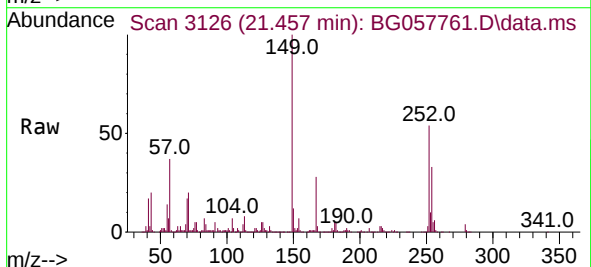
Manual Integrations
APPROVED

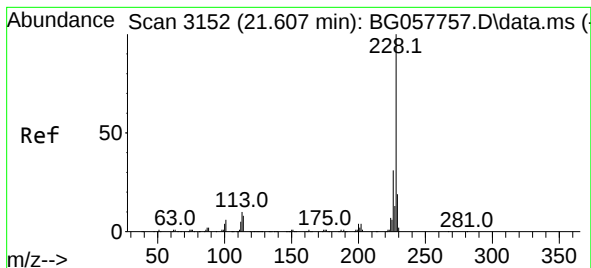
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.770 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

Tgt Ion:252 Resp: 216530
Ion Ratio Lower Upper
252 100
254 61.9 51.0 76.6
126 9.2 7.0 10.6





#83

Chrysene

Concen: 40.058 ng

RT: 21.604 min Scan# 3152

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

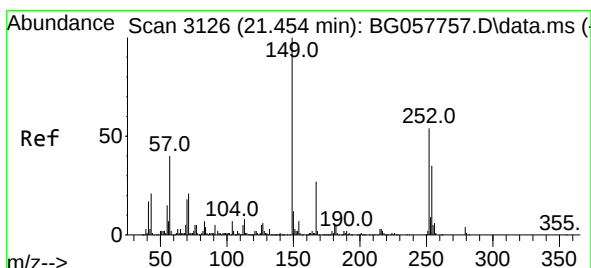
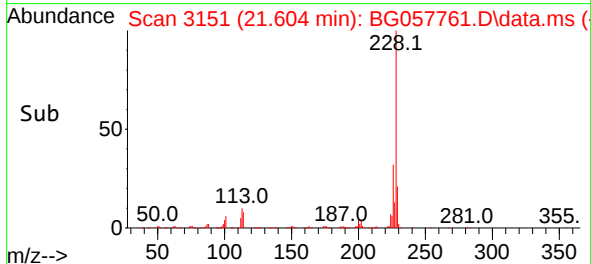
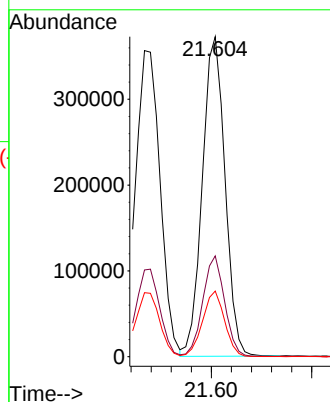
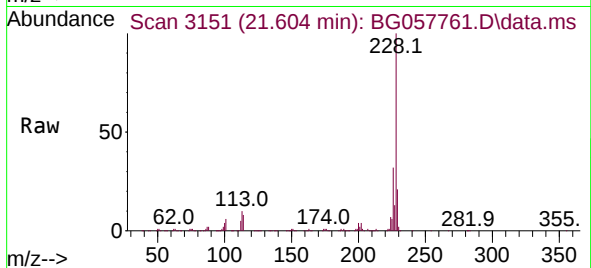
ICVBG061923

Tgt Ion:228 Resp: 58592
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.8 37.2
 229 20.5 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: 41.284 ng

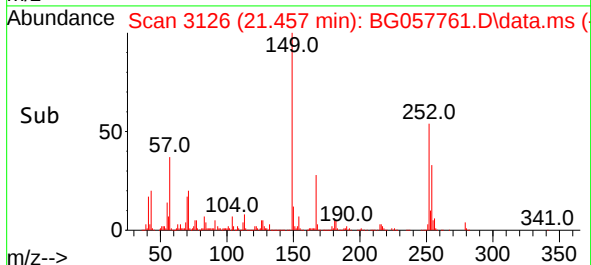
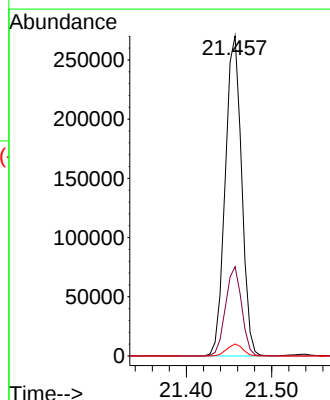
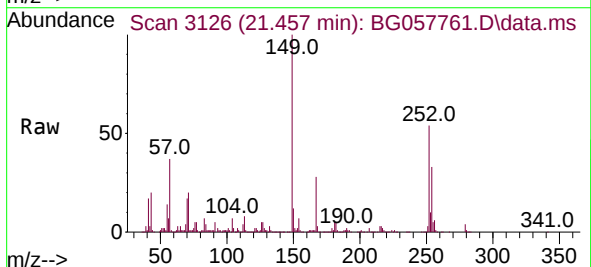
RT: 21.457 min Scan# 3126

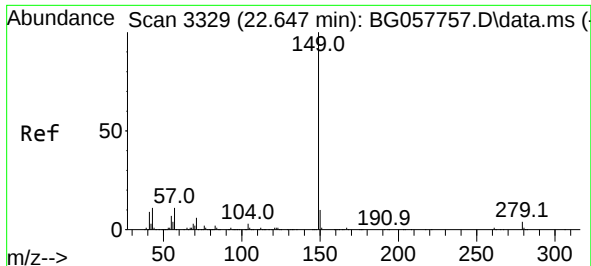
Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

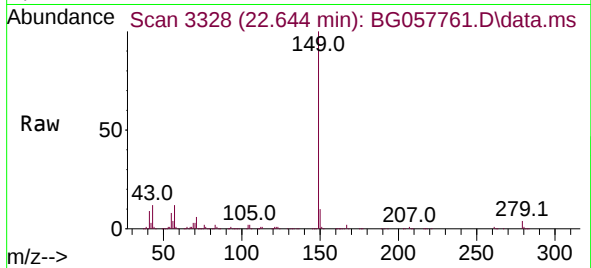
Tgt Ion:149 Resp: 361327
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 41.767 ng
RT: 22.644 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

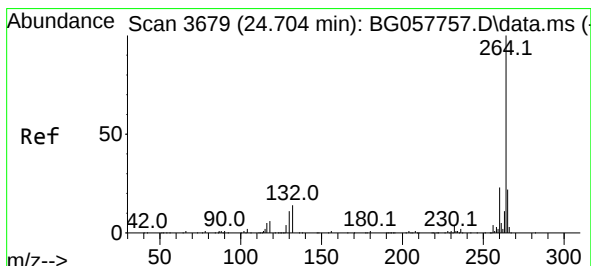
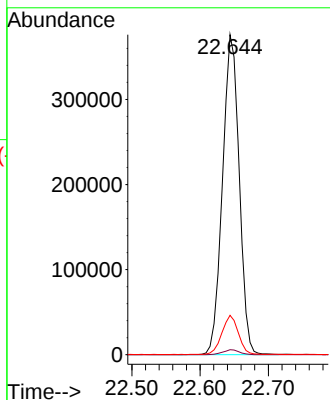
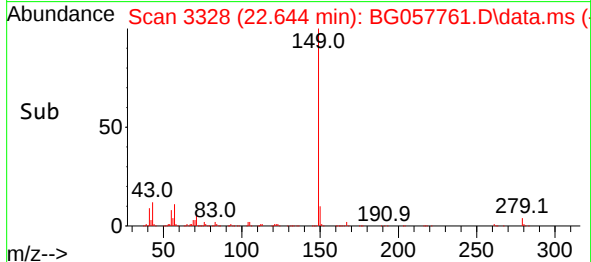
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



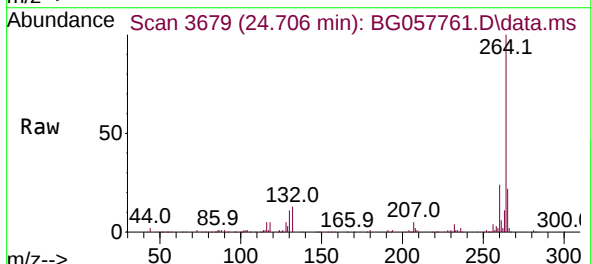
Tgt Ion:149 Resp: 641184
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.3 9.6 14.4

Manual Integrations
APPROVED

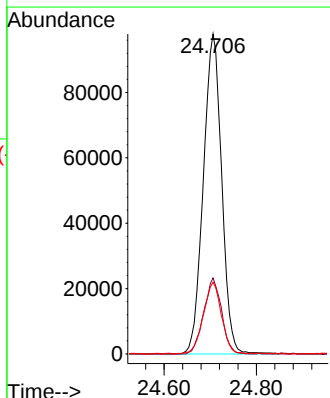
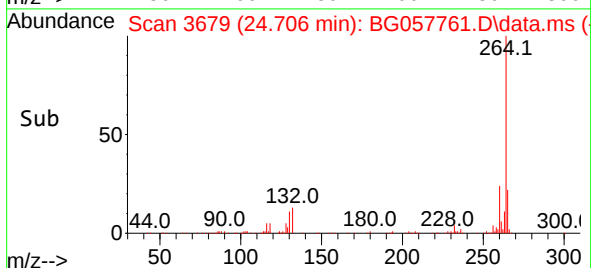
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

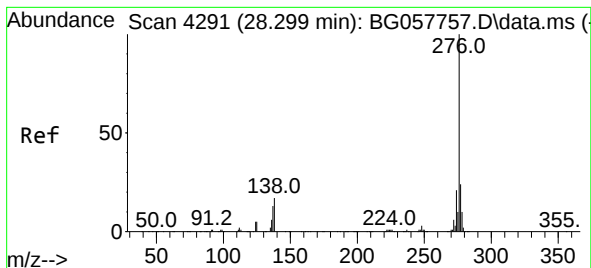


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.706 min Scan# 3679
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:264 Resp: 271180
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 22.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.143 ng

RT: 28.296 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG057761.D

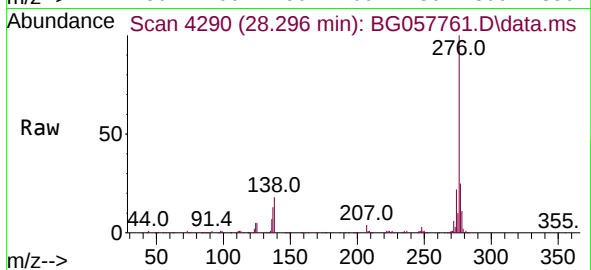
Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923



Tgt Ion:276 Resp: 729462

Ion Ratio Lower Upper

276 100

138 21.8 11.3 16.9

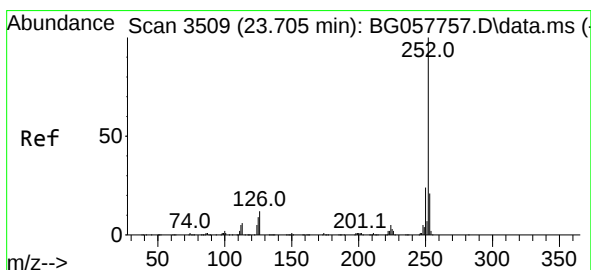
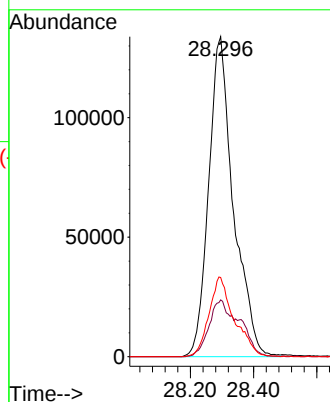
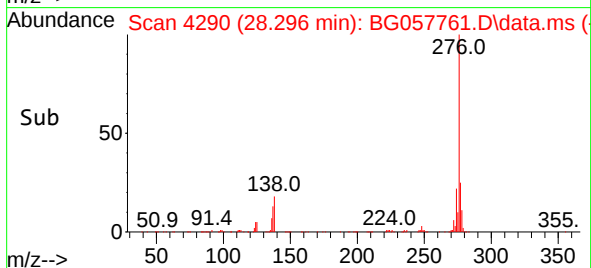
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#88

Benzo(b)fluoranthene

Concen: 40.587 ng

RT: 23.707 min Scan# 3509

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

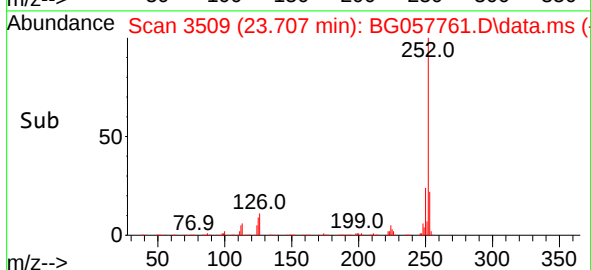
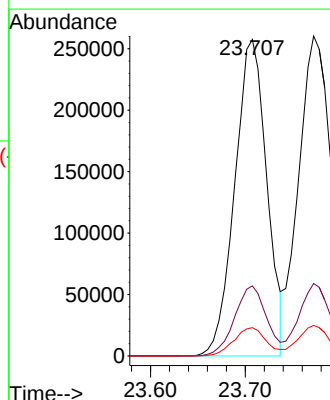
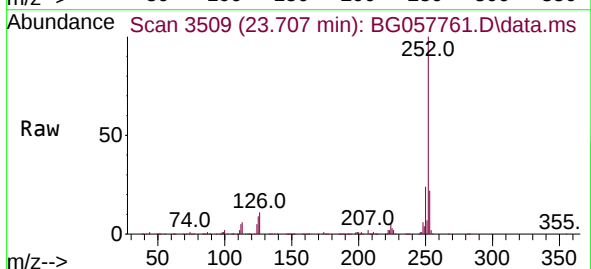
Tgt Ion:252 Resp: 603139

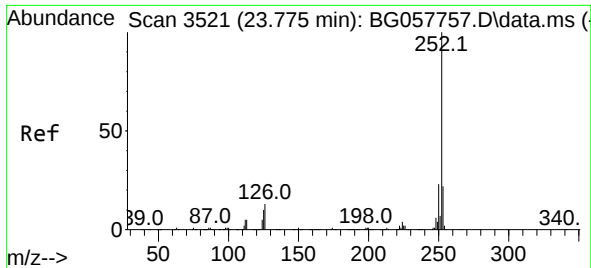
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

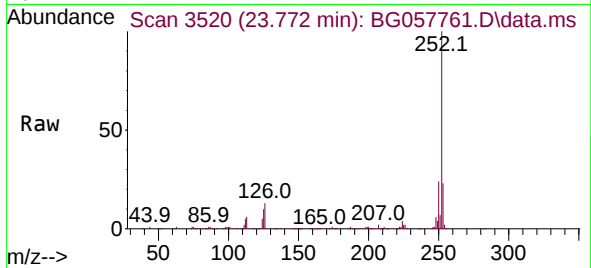
125 8.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 41.034 ng
RT: 23.772 min Scan# 3521
Delta R.T. -0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59

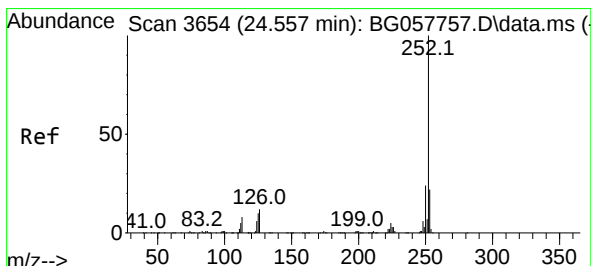
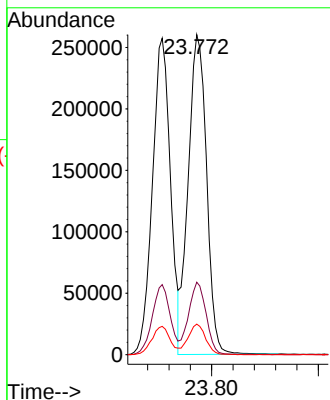
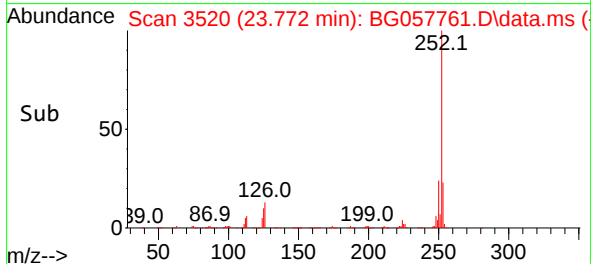
Instrument :
BNA_G
ClientSampleId :
ICVBG061923



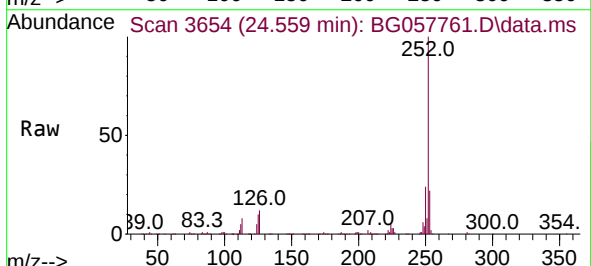
Tgt Ion:252 Resp: 62104
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 9.6 7.6 11.4

Manual Integrations
APPROVED

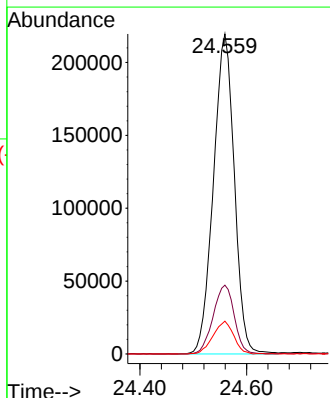
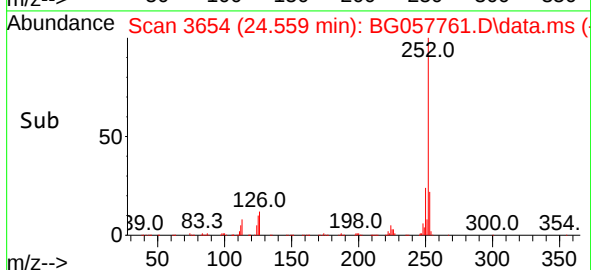
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

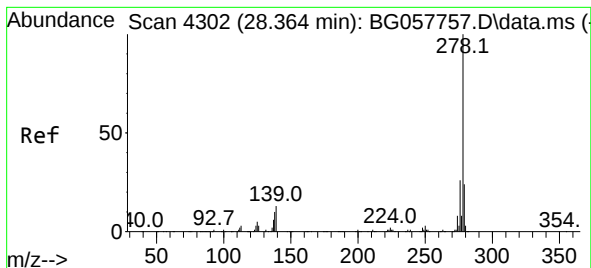


#90
Benzo(a)pyrene
Concen: 40.905 ng
RT: 24.559 min Scan# 3654
Delta R.T. 0.003 min
Lab File: BG057761.D
Acq: 19 Jun 2023 18:59



Tgt Ion:252 Resp: 596987
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 10.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 41.357 ng

RT: 28.367 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Instrument :

BNA_G

ClientSampleId :

ICVBG061923

Tgt Ion:278 Resp: 60840

Ion Ratio Lower Upper

278 100

139 13.3 10.8 16.2

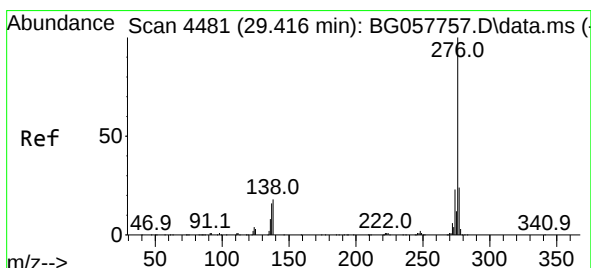
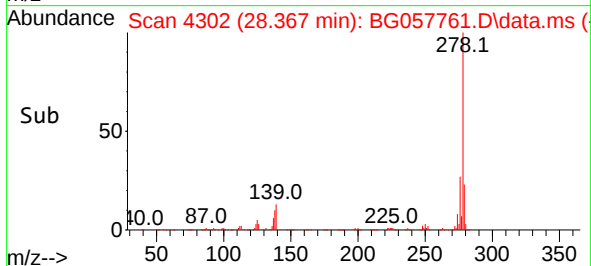
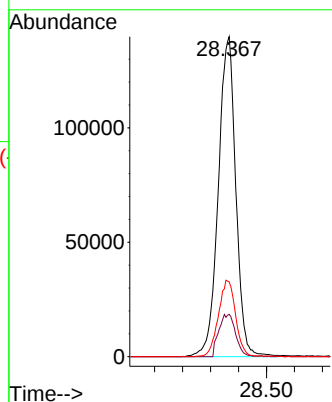
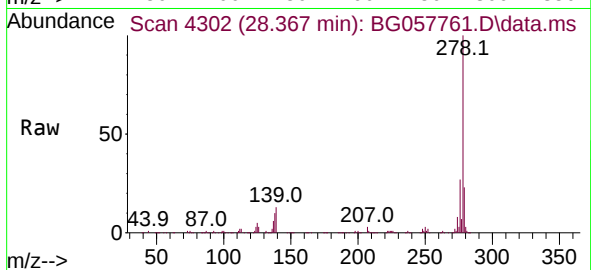
279 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 40.888 ng

RT: 29.412 min Scan# 4480

Delta R.T. -0.003 min

Lab File: BG057761.D

Acq: 19 Jun 2023 18:59

Tgt Ion:276 Resp: 602269

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 17.5 14.2 21.4

