

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057796.D
 Acq On : 21 Jun 2023 22:53
 Operator : CG/JU
 Sample : 03289-17MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-12.0-14.0-DUPMSD

Quant Time: Jun 22 04:54:58 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	29273	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	141911	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	109513	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	272187	20.000	ng	0.00
76) Chrysene-d12	21.552	240	224650	20.000	ng	0.00
86) Perylene-d12	24.701	264	282879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	189320	99.721	ng	0.00
7) Phenol-d6	7.081	99	273707	94.485	ng	0.00
23) Nitrobenzene-d5	9.084	82	157211	56.857	ng	0.00
42) 2,4,6-Tribromophenol	16.047	330	159714	104.696	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	397789	55.093	ng	0.00
79) Terphenyl-d14	19.919	244	835891	69.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	36353	42.066	ng	90
3) Pyridine	3.790	79	93480	35.516	ng	93
4) n-Nitrosodimethylamine	3.702	42	51978	43.219	ng	88
6) Aniline	7.245	93	172520	46.512	ng	99
8) 2-Chlorophenol	7.486	128	113306	58.014	ng	98
9) Benzaldehyde	7.057	77	63673m	34.957	ng	
10) Phenol	7.110	94	167549	58.744	ng	98
11) bis(2-Chloroethyl)ether	7.339	93	104805	47.793	ng	96
12) 1,3-Dichlorobenzene	7.809	146	100211	50.417	ng	98
13) 1,4-Dichlorobenzene	7.956	146	104230	51.754	ng	93
14) 1,2-Dichlorobenzene	8.273	146	101686	52.180	ng	98
15) Benzyl Alcohol	8.156	79	116855	52.756	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.456	45	185370	44.004	ng	98
17) 2-Methylphenol	8.362	107	112338	53.551	ng	98
18) Hexachloroethane	9.008	117	35649	50.200	ng	90
19) n-Nitroso-di-n-propyla...	8.726	70	95497	47.285	ng	97
20) 3+4-Methylphenols	8.691	107	158891	54.833	ng	97
22) Acetophenone	8.743	105	186831	46.949	ng	# 97
24) Nitrobenzene	9.125	77	134398	46.703	ng	94
25) Isophorone	9.648	82	289428	45.816	ng	98
26) 2-Nitrophenol	9.836	139	60523	66.107	ng	91
27) 2,4-Dimethylphenol	9.895	122	119901	52.897	ng	97
28) bis(2-Chloroethoxy)met...	10.130	93	162144	47.662	ng	99
29) 2,4-Dichlorophenol	10.371	162	120629	56.042	ng	97
30) 1,2,4-Trichlorobenzene	10.588	180	115634	48.195	ng	99
31) Naphthalene	10.776	128	349954	46.334	ng	98
32) Benzoic acid	10.030	122	107640	64.499	ng	97
33) 4-Chloroaniline	10.882	127	130561	37.307	ng	97
34) Hexachlorobutadiene	11.058	225	67565	46.158	ng	97
35) Caprolactam	11.658	113	49872m	57.097	ng	
36) 4-Chloro-3-methylphenol	12.004	107	154286	54.884	ng	98
37) 2-Methylnaphthalene	12.386	142	254210	46.175	ng	96
38) 1-Methylnaphthalene	12.604	142	240550	46.287	ng	97
40) 1,2,4,5-Tetrachloroben...	12.751	216	142545	46.952	ng	99
41) Hexachlorocyclopentadiene	12.733	237	172571	107.066	ng	100
43) 2,4,6-Trichlorophenol	12.986	196	114824	52.820	ng	96

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Instrument :
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 SB-06-12.0-14.0-DUPMSD

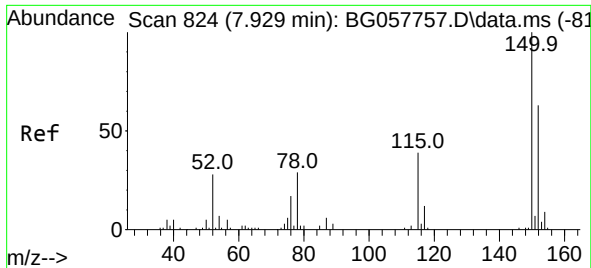
Quant Time: Jun 22 04:54:58 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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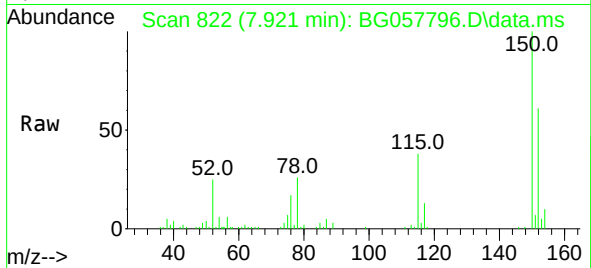
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.062	196	128585	50.745	ng	95
46) 1,1'-Biphenyl	13.391	154	350638	46.631	ng	98
47) 2-Chloronaphthalene	13.432	162	276135	47.800	ng	97
48) 2-Nitroaniline	13.638	65	114364	55.708	ng	95
49) Acenaphthylene	14.284	152	465835	46.980	ng	98
50) Dimethylphthalate	14.014	163	396255	47.110	ng	99
51) 2,6-Dinitrotoluene	14.131	165	88337	57.032	ng	94
52) Acenaphthene	14.625	154	335518m	54.658	ng	
53) 3-Nitroaniline	14.460	138	79487	45.538	ng	98
54) 2,4-Dinitrophenol	14.666	184	108244	127.854	ng	99
55) Dibenzofuran	14.954	168	463377	46.947	ng	99
56) 4-Nitrophenol	14.772	139	161740	116.594	ng	96
57) 2,4-Dinitrotoluene	14.919	165	126160	60.063	ng	94
58) Fluorene	15.606	166	373374	47.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.177	232	117656	54.483	ng	99
60) Diethylphthalate	15.377	149	408157	47.299	ng	98
61) 4-Chlorophenyl-phenyle...	15.600	204	197357	47.506	ng	97
62) 4-Nitroaniline	15.630	138	94337	53.013	ng	98
63) Azobenzene	15.894	77	428403	48.534	ng	98
65) 4,6-Dinitro-2-methylph...	15.682	198	76775	59.918	ng	91
66) n-Nitrosodiphenylamine	15.812	169	340216	47.358	ng	99
67) 4-Bromophenyl-phenylether	16.493	248	134456	46.579	ng	96
68) Hexachlorobenzene	16.605	284	151471	51.473	ng	98
69) Atrazine	16.763	200	138263	56.067	ng	96
70) Pentachlorophenol	16.951	266	202684	93.230	ng	98
71) Phenanthrene	17.345	178	618814	46.955	ng	100
72) Anthracene	17.433	178	635103	47.194	ng	99
73) Carbazole	17.704	167	599011	48.276	ng	99
74) Di-n-butylphthalate	18.268	149	705348	48.010	ng	99
75) Fluoranthene	19.355	202	733432	46.716	ng	100
77) Benzidine	19.537	184	420241	79.802	ng	99
78) Pyrene	19.719	202	749855	46.792	ng	100
80) Butylbenzylphthalate	20.606	149	315399	51.737	ng	94
81) Benzo(a)anthracene	21.534	228	743112	48.213	ng	100
82) 3,3'-Dichlorobenzidine	21.452	252	223565	42.647	ng	99
83) Chrysene	21.605	228	692589	46.823	ng	99
84) Bis(2-ethylhexyl)phtha...	21.452	149	441856	49.922	ng	98
85) Di-n-octyl phthalate	22.639	149	794886	51.202	ng	97
87) Indeno(1,2,3-cd)pyrene	28.297	276	914593	49.451	ng	100
88) Benzo(b)fluoranthene	23.708	252	776136	50.069	ng	99
89) Benzo(k)fluoranthene	23.773	252	766457	48.547	ng	100
90) Benzo(a)pyrene	24.554	252	696486	45.749	ng	98
91) Dibenzo(a,h)anthracene	28.362	278	762527	49.690	ng	100
92) Benzo(g,h,i)perylene	29.419	276	749071	48.751	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

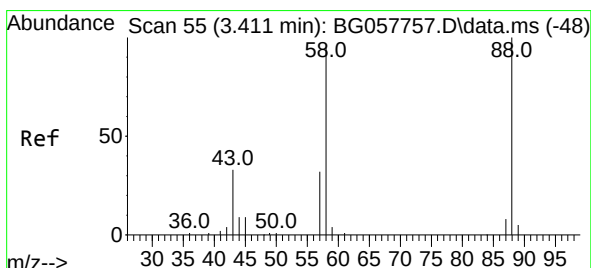
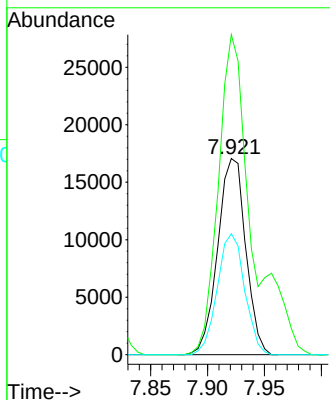
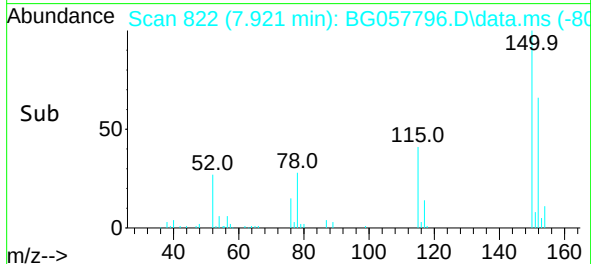
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



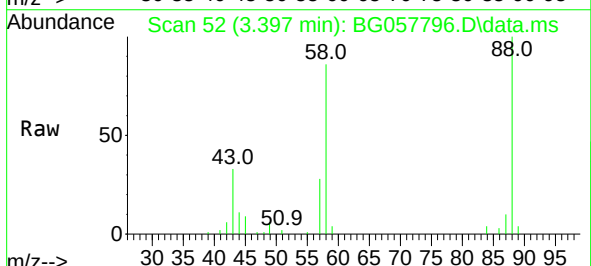
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Ion Ratio Lower Upper
152 100
150 163.2 126.6 189.8
115 61.7 48.9 73.3

Manual Integrations
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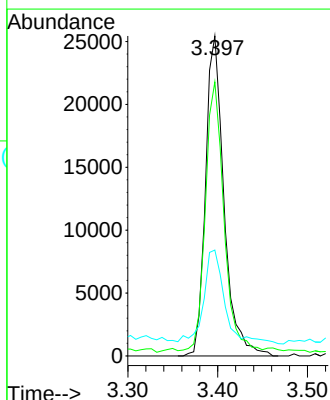
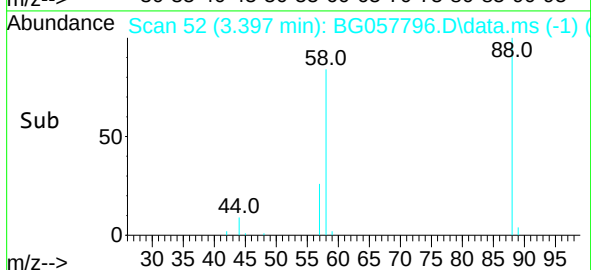
Reviewed By :Yogesh Patel 06/23/2023
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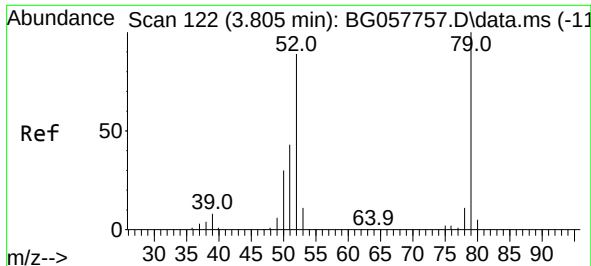


#2
1,4-Dioxane
Concen: 42.066 ng
RT: 3.397 min Scan# 52
Delta R.T. -0.014 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



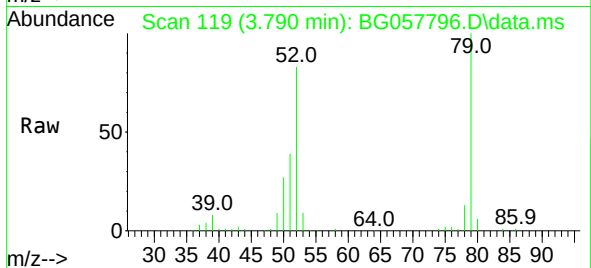
Tgt Ion: 88 Resp: 36353
Ion Ratio Lower Upper
88 100
58 83.2 76.2 114.4
43 33.9 26.3 39.5





#3
Pyridine
Concen: 35.516 ng
RT: 3.790 min Scan# 111
Delta R.T. -0.015 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

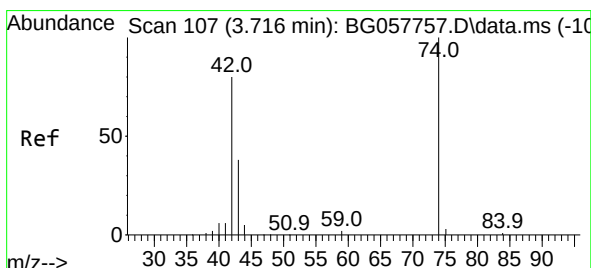
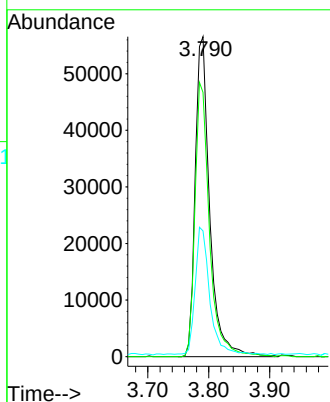
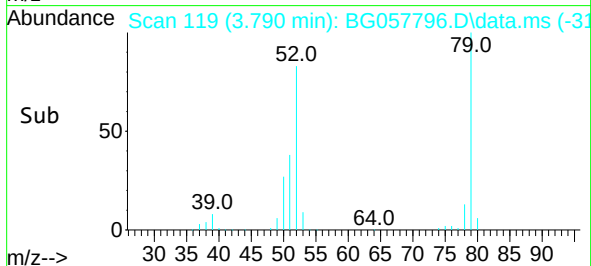
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion: 79 Resp: 93480
Ion Ratio Lower Upper
79 100
52 82.6 71.4 107.0
51 39.3 34.9 52.3

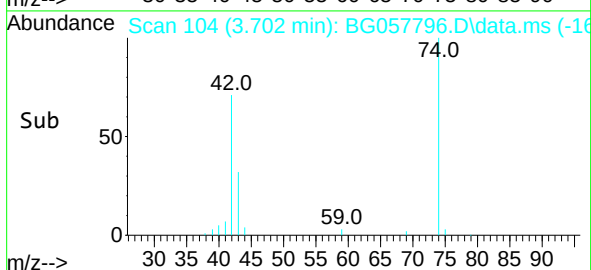
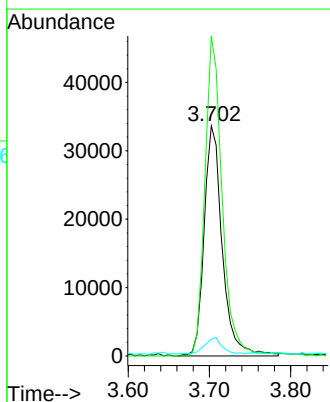
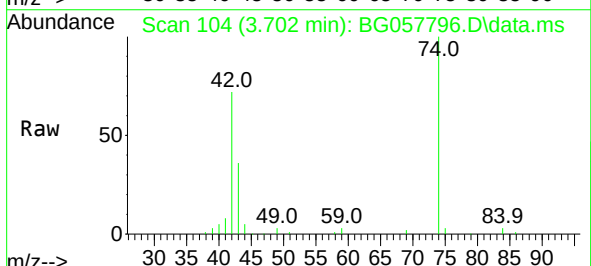
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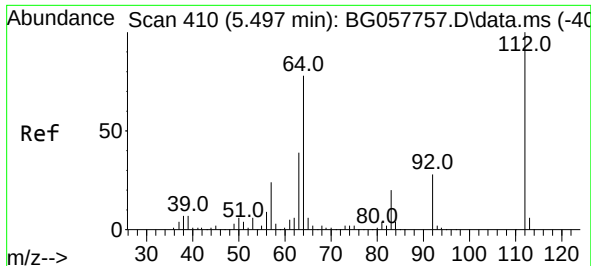
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#4
n-Nitrosodimethylamine
Concen: 43.219 ng
RT: 3.702 min Scan# 104
Delta R.T. -0.014 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

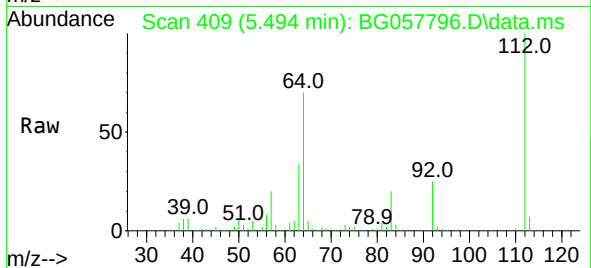
Tgt Ion: 42 Resp: 51978
Ion Ratio Lower Upper
42 100
74 139.1 99.9 149.9
44 7.3 6.0 9.0





#5
2-Fluorophenol
Concen: 99.721 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

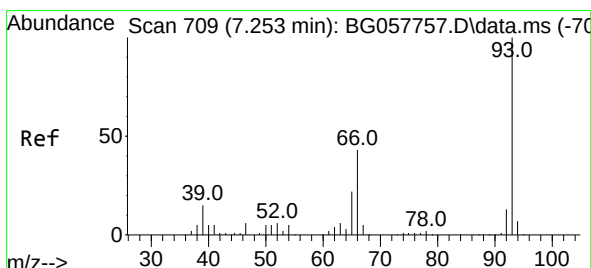
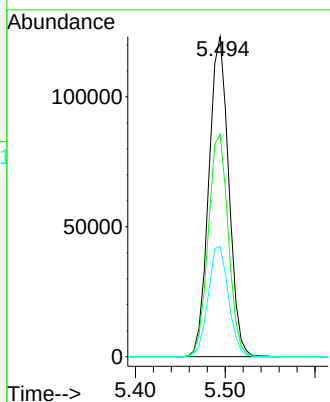
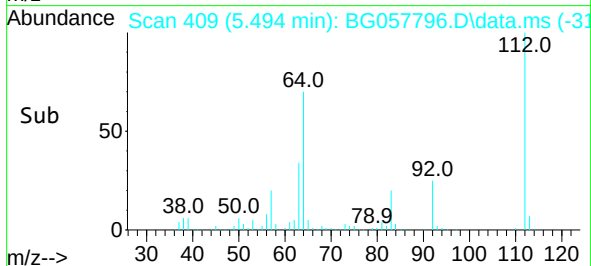
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:112 Resp: 189320
Ion Ratio Lower Upper
112 100
64 69.6 62.1 93.1
63 34.5 31.5 47.3

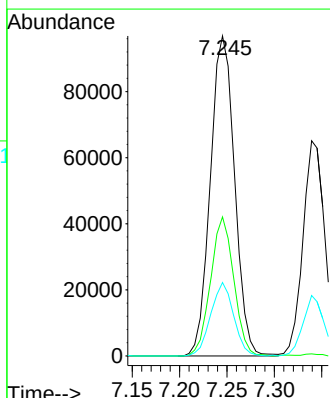
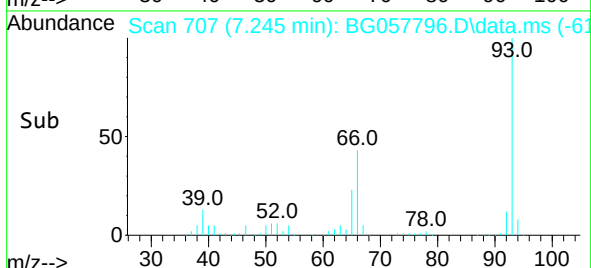
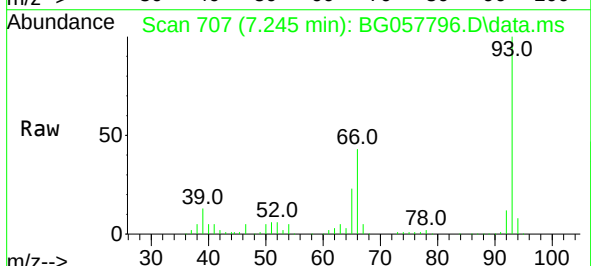
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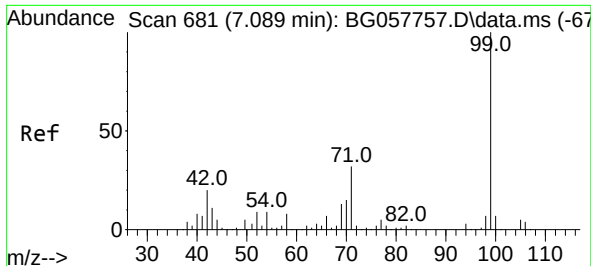
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#6
Aniline
Concen: 46.512 ng
RT: 7.245 min Scan# 707
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion: 93 Resp: 172520
Ion Ratio Lower Upper
93 100
66 43.5 34.5 51.7
65 23.0 17.4 26.2





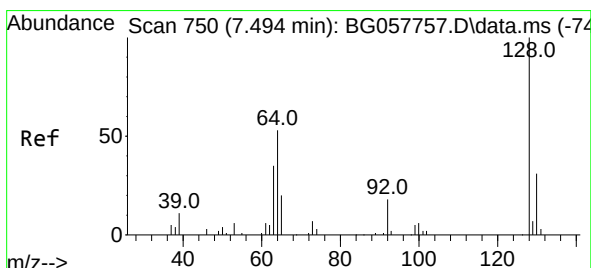
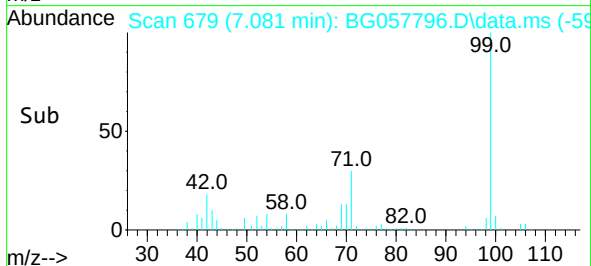
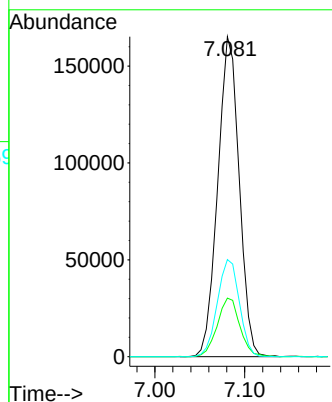
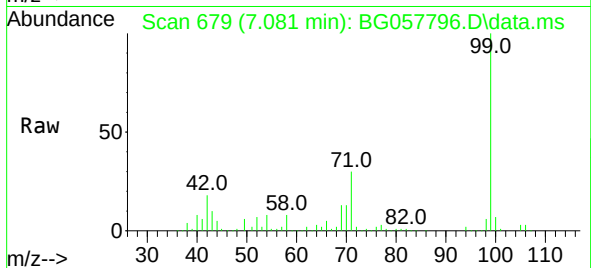
#7
Phenol-d6
Concen: 94.485 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Instrument :
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ClientSampleId :
SB-06-12.0-14.0-DUPMSD

Tgt Ion: 99 Resp: 27370
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.4 25.8 38.6

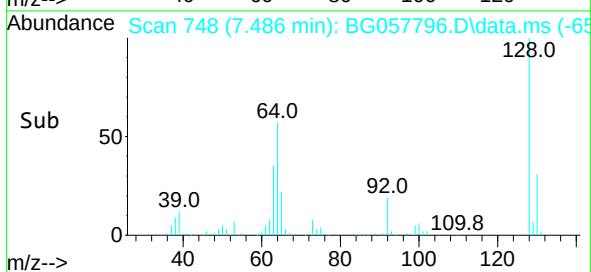
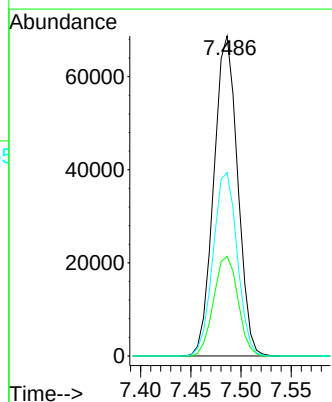
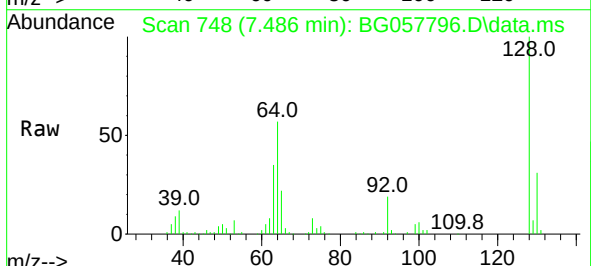
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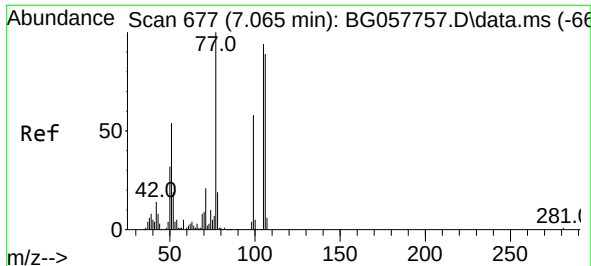
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#8
2-Chlorophenol
Concen: 58.014 ng
RT: 7.486 min Scan# 748
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

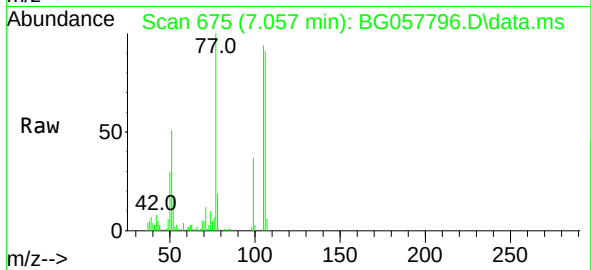
Tgt Ion:128 Resp: 113306
Ion Ratio Lower Upper
128 100
130 31.1 10.6 50.6
64 57.3 39.1 79.1





#9
Benzaldehyde
Concen: 34.957 ng m
RT: 7.057 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

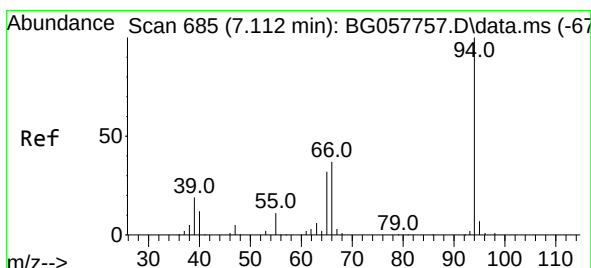
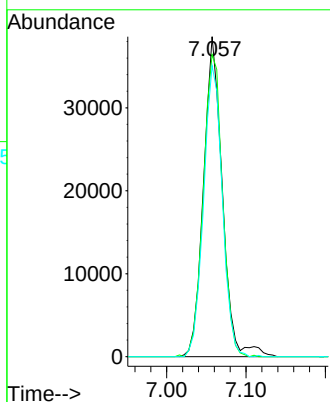
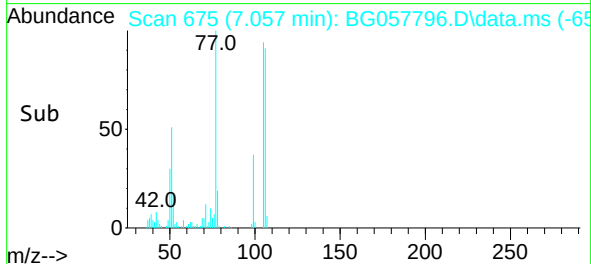
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion: 77 Resp: 6367
Ion Ratio Lower Upper
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105 94.4 73.7 113.7
106 91.0 69.0 109.0

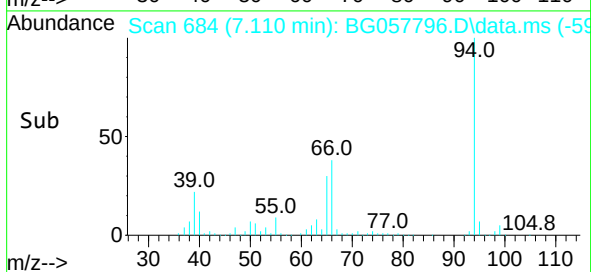
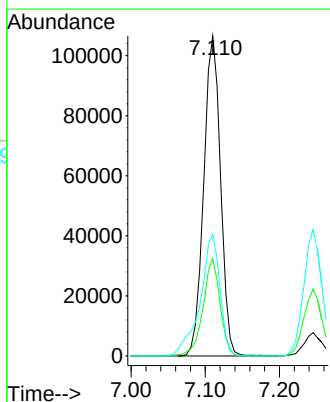
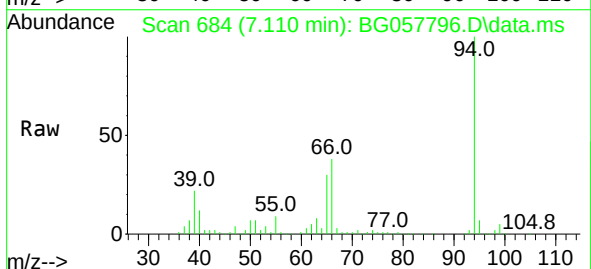
Manual Integrations
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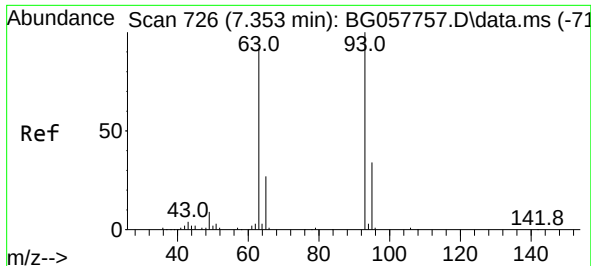
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Phenol
Concen: 58.744 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

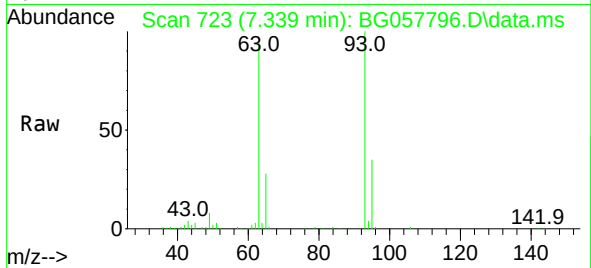
Tgt Ion: 94 Resp: 167549
Ion Ratio Lower Upper
94 100
65 30.4 12.2 52.2
66 37.9 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 47.793 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.014 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

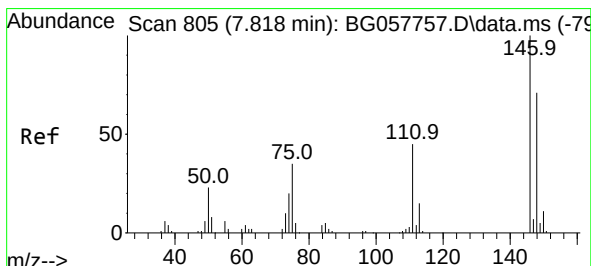
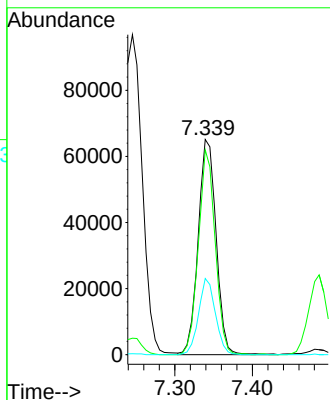
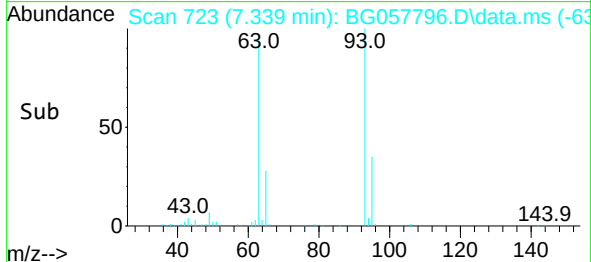
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion: 93 Resp: 10480
Ion Ratio Lower Upper
93 100
63 95.2 71.2 111.2
95 35.4 14.2 54.2

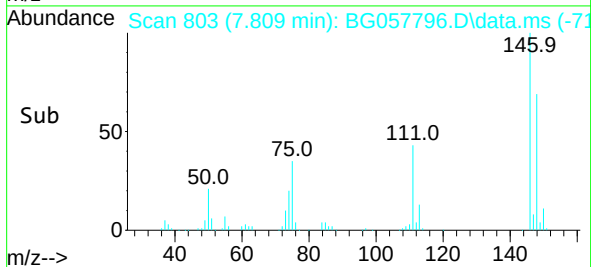
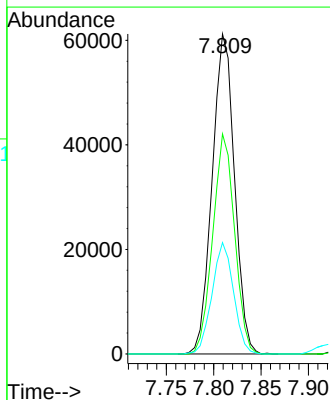
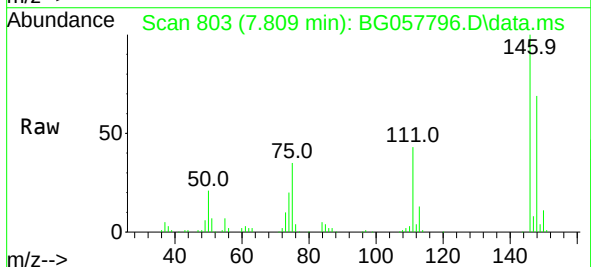
Manual Integrations
APPROVED

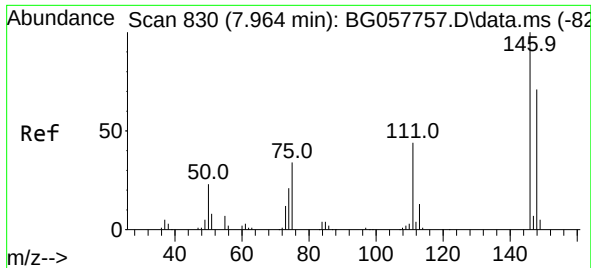
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#12
1,3-Dichlorobenzene
Concen: 50.417 ng
RT: 7.809 min Scan# 803
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:146 Resp: 100211
Ion Ratio Lower Upper
146 100
148 68.8 57.0 85.6
75 34.8 27.8 41.8





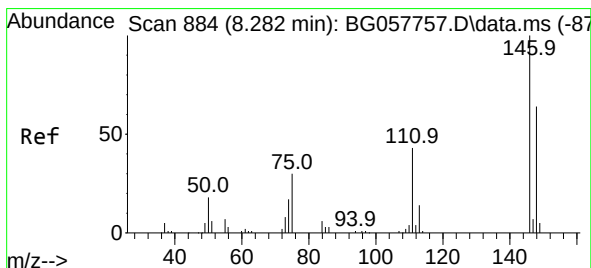
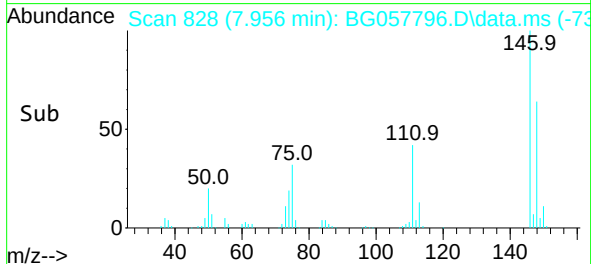
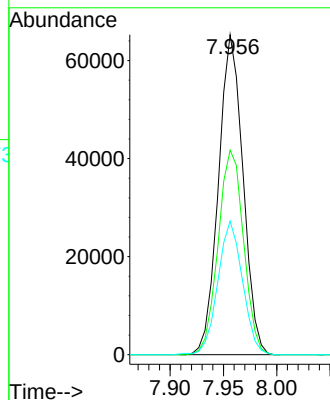
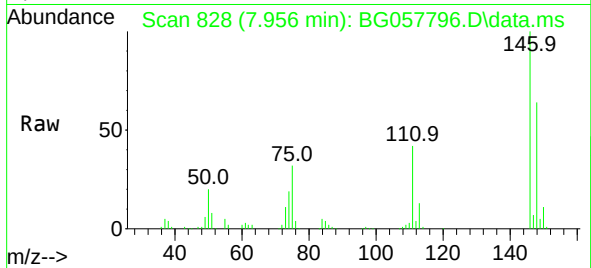
#13
1,4-Dichlorobenzene
Concen: 51.754 ng
RT: 7.956 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD

Tgt Ion:146 Resp: 104230
Ion Ratio Lower Upper
146 100
148 64.0 57.0 85.4
111 41.8 35.1 52.7

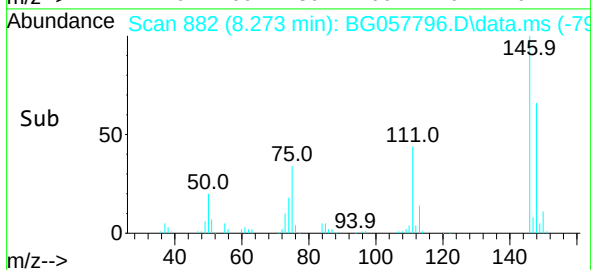
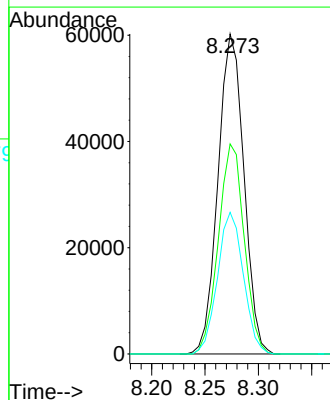
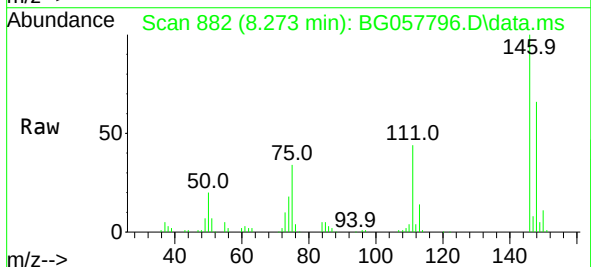
Manual Integrations
APPROVED

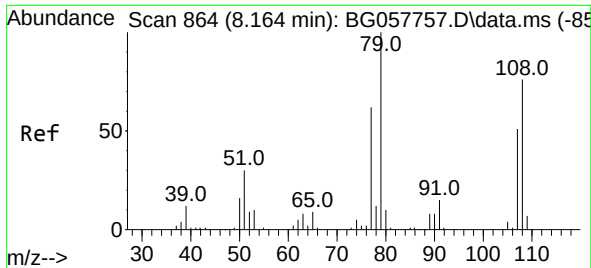
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#14
1,2-Dichlorobenzene
Concen: 52.180 ng
RT: 8.273 min Scan# 882
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:146 Resp: 101686
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.6
111 44.3 34.9 52.3





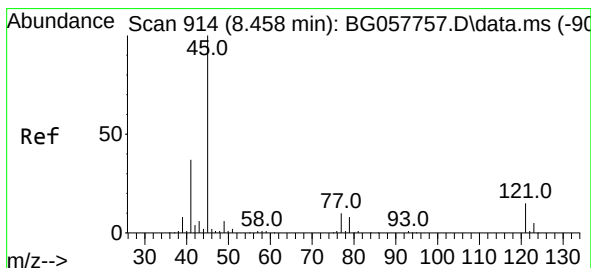
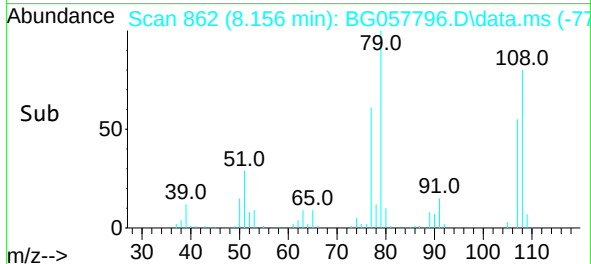
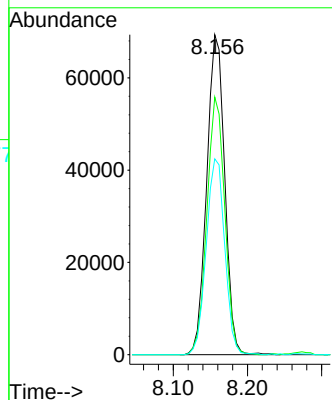
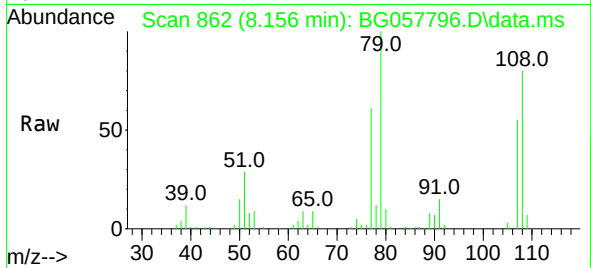
#15
Benzyl Alcohol
Concen: 52.756 ng
RT: 8.156 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD

Tgt Ion: 79 Resp: 11685
Ion Ratio Lower Upper
79 100
108 80.5 60.5 90.7
77 61.2 49.3 73.9

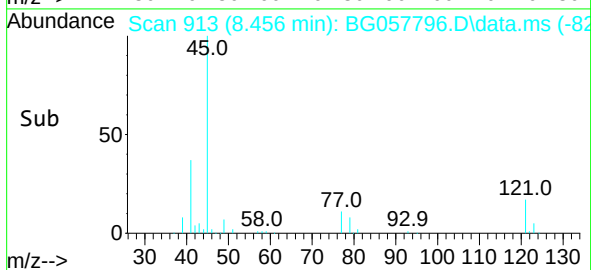
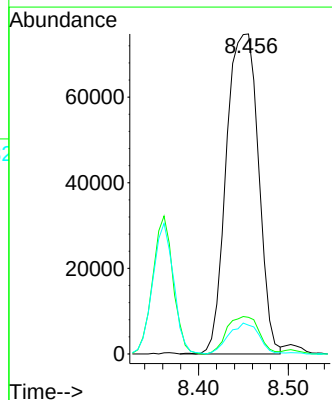
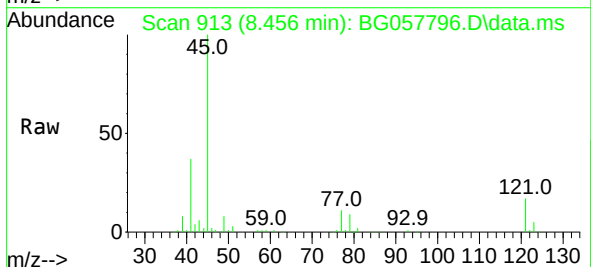
Manual Integrations
APPROVED

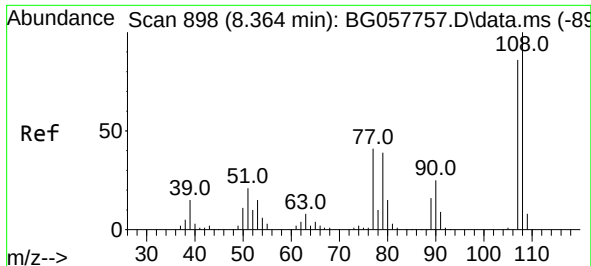
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.004 ng
RT: 8.456 min Scan# 913
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

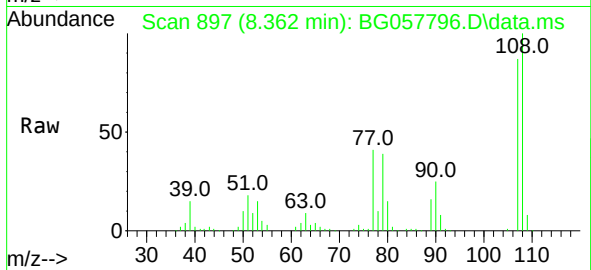
Tgt Ion: 45 Resp: 185370
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.6
79 9.0 0.0 28.3





#17
2-Methylphenol
Concen: 53.551 ng
RT: 8.362 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

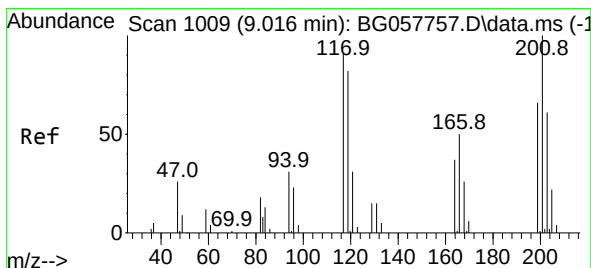
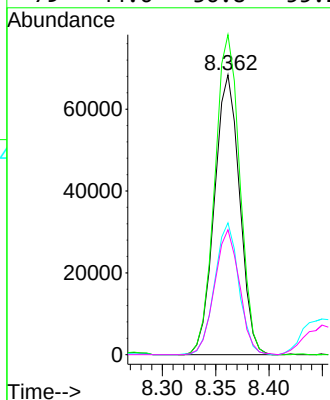
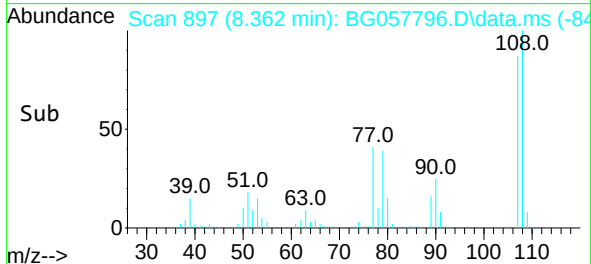
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:107 Resp: 112338
Ion Ratio Lower Upper
107 100
108 114.4 93.2 139.8
77 47.1 37.8 56.8
79 44.6 36.8 55.2

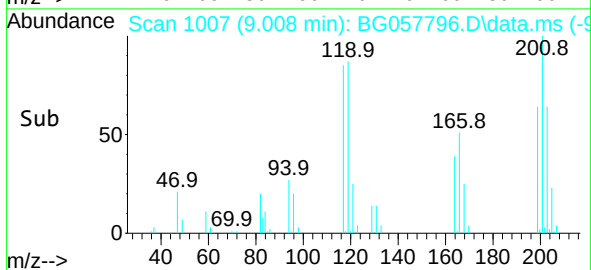
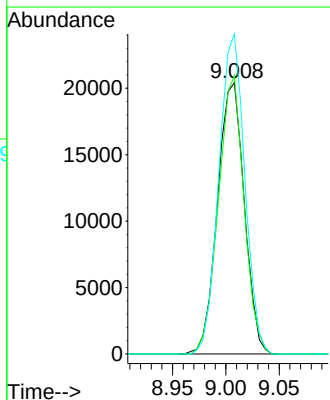
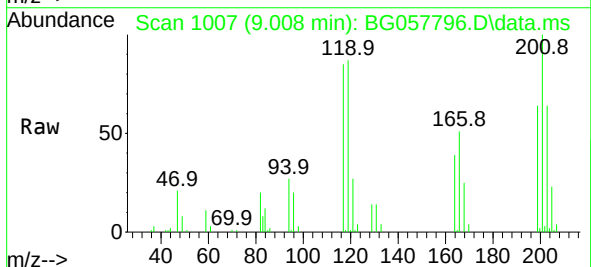
Manual Integrations
APPROVED

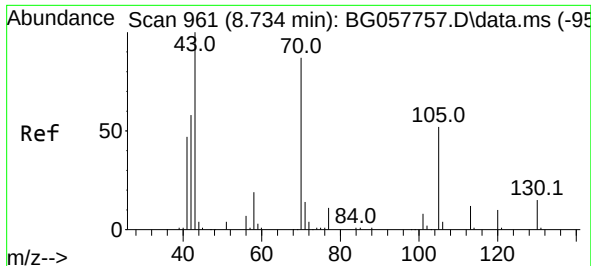
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#18
Hexachloroethane
Concen: 50.200 ng
RT: 9.008 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:117 Resp: 35649
Ion Ratio Lower Upper
117 100
119 102.5 72.3 108.5
201 117.9 87.8 131.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.285 ng

RT: 8.726 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG057796.D

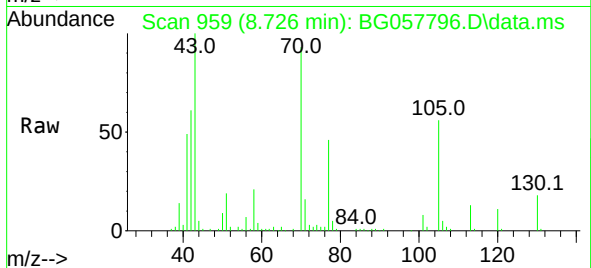
Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD



Tgt Ion: 70 Resp: 9549

Ion Ratio Lower Upper

70 100

42 65.4 54.2 81.2

101 8.9 7.4 11.0

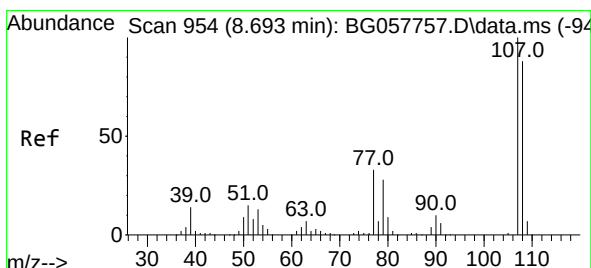
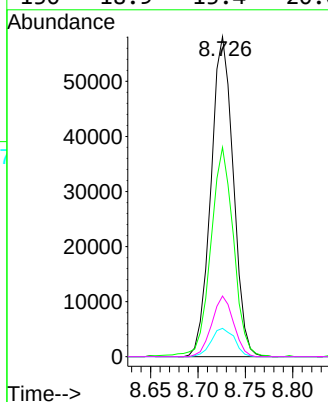
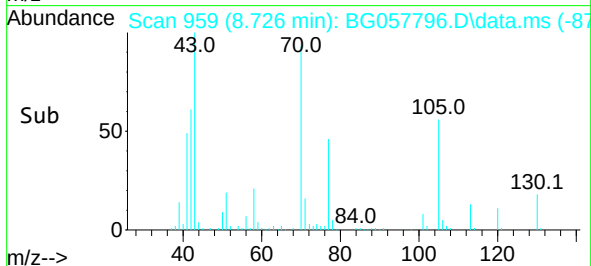
130 18.9 13.4 20.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#20

3+4-Methylphenols

Concen: 54.833 ng

RT: 8.691 min Scan# 953

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Tgt Ion:107 Resp: 158891

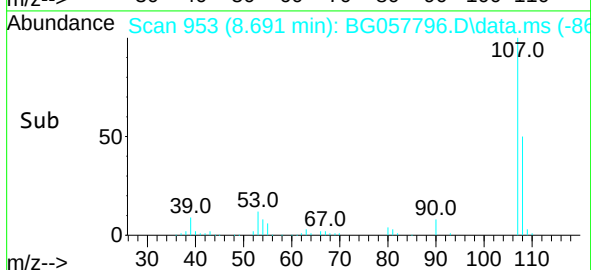
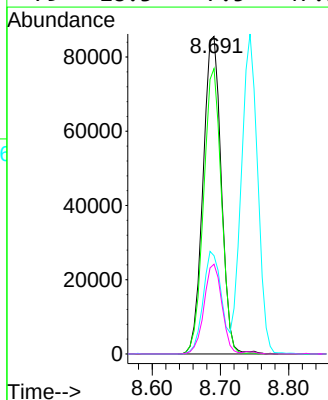
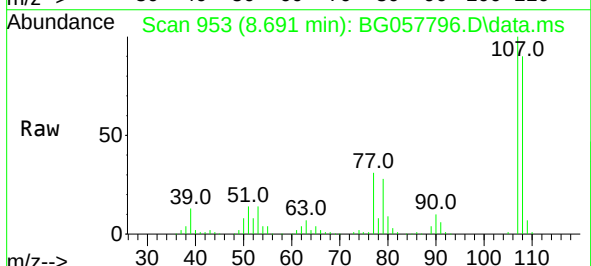
Ion Ratio Lower Upper

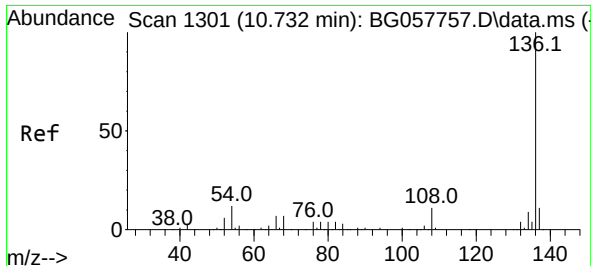
107 100

108 89.8 67.7 107.7

77 30.9 13.3 53.3

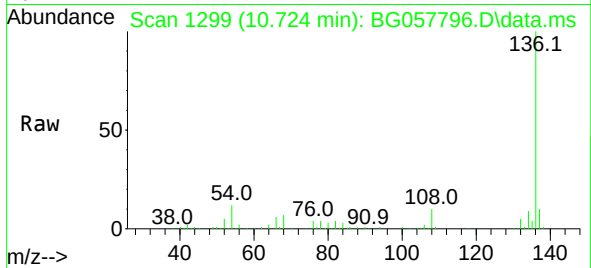
79 28.3 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1301
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

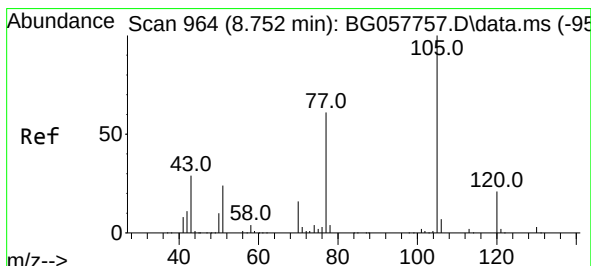
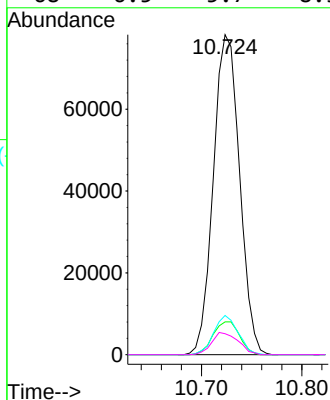
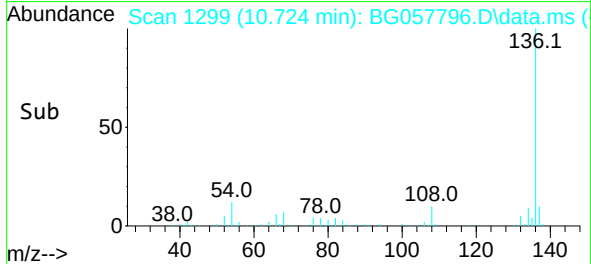
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:136 Resp: 14191
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 12.2 9.5 14.3
68 6.5 5.7 8.5

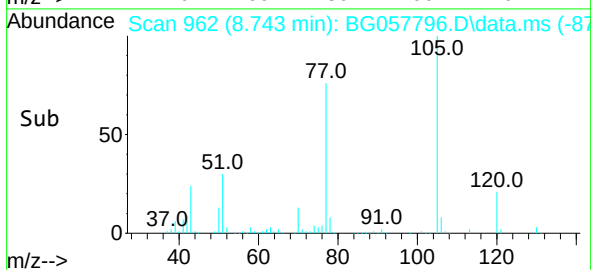
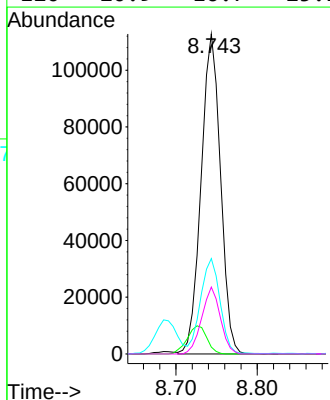
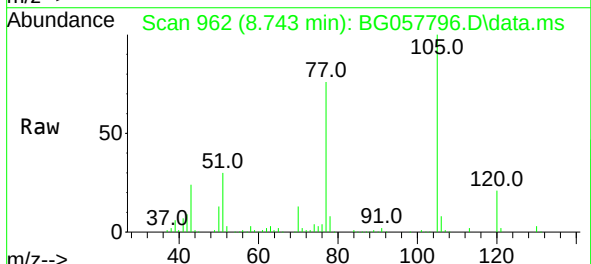
Manual Integrations
APPROVED

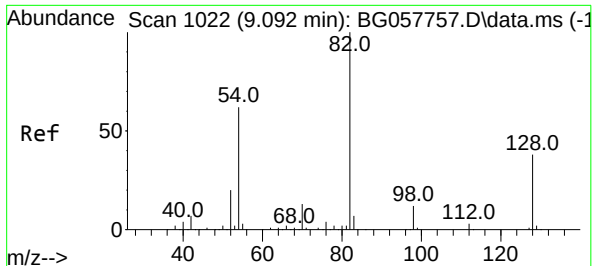
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Acetophenone
Concen: 46.949 ng
RT: 8.743 min Scan# 962
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:105 Resp: 186831
Ion Ratio Lower Upper
105 100
71 2.2 2.4 3.6#
51 29.8 25.9 38.9
120 20.9 16.7 25.1





#23

Nitrobenzene-d5

Concen: 56.857 ng

RT: 9.084 min Scan# 1022

Delta R.T. -0.008 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD

Tgt Ion: 82 Resp: 15721

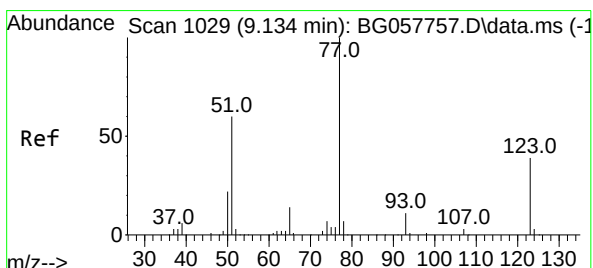
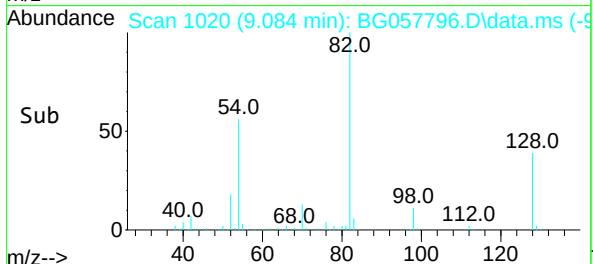
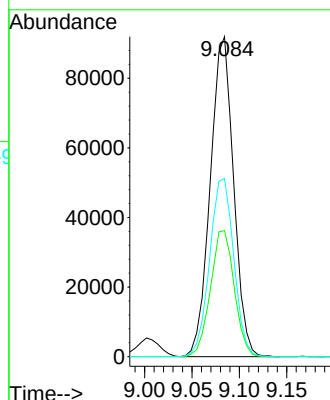
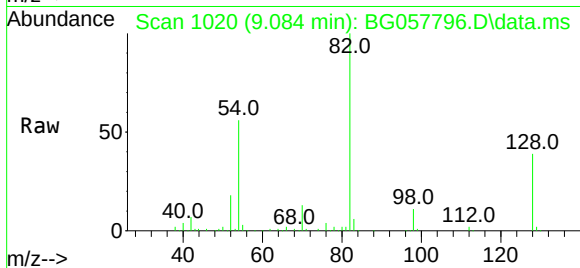
Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.7	46.1
54	55.7	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#24

Nitrobenzene

Concen: 46.703 ng

RT: 9.125 min Scan# 1027

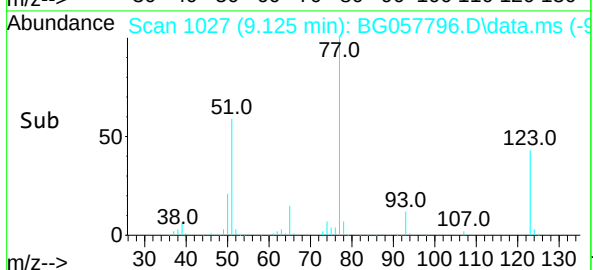
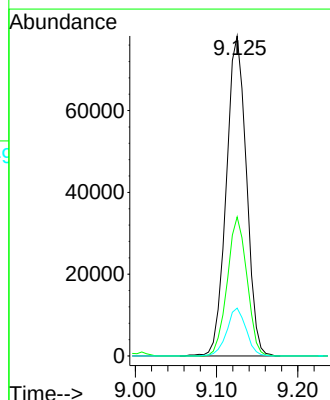
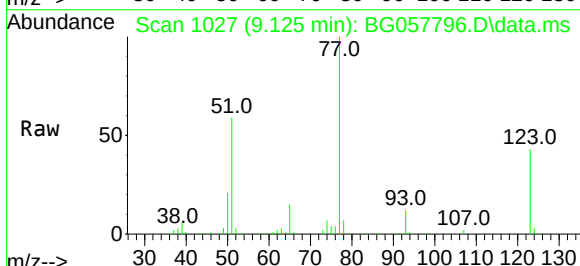
Delta R.T. -0.009 min

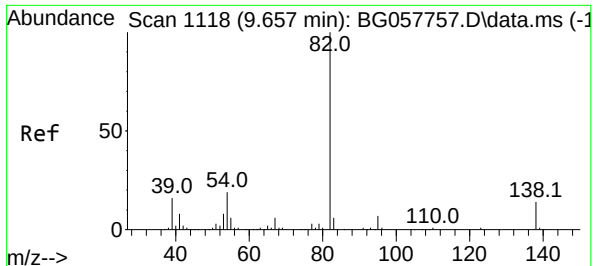
Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Tgt Ion: 77 Resp: 134398

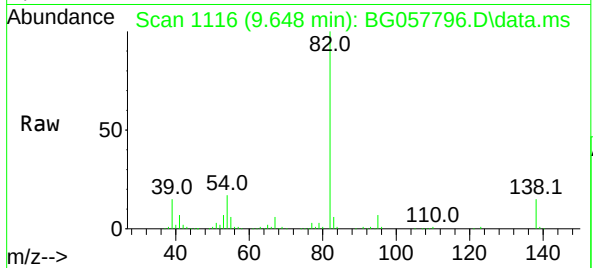
Ion	Ratio	Lower	Upper
77	100		
123	43.4	31.4	47.2
65	14.9	11.2	16.8





#25
Isophorone
Concen: 45.816 ng
RT: 9.648 min Scan# 1116
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

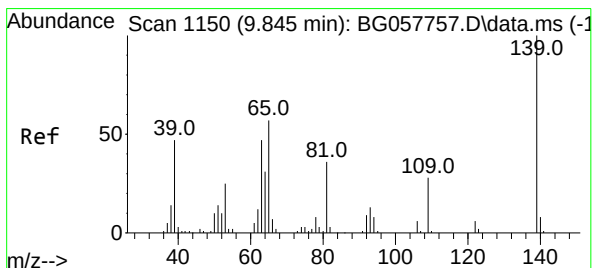
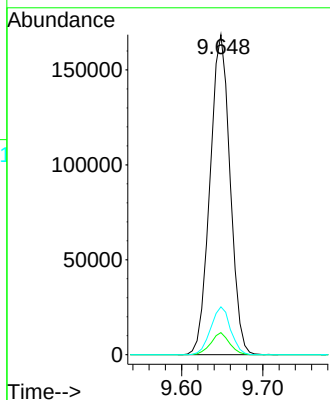
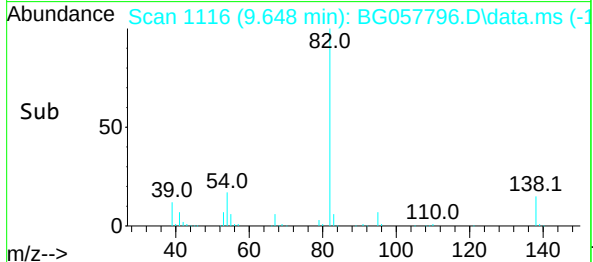
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion: 82 Resp: 289428
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 15.0 11.1 16.7

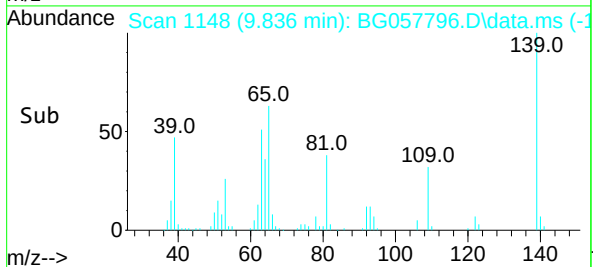
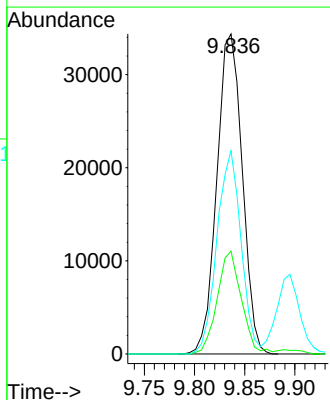
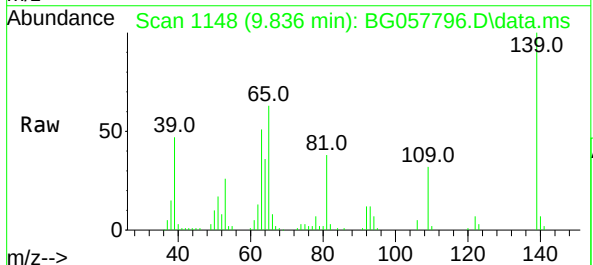
Manual Integrations
APPROVED

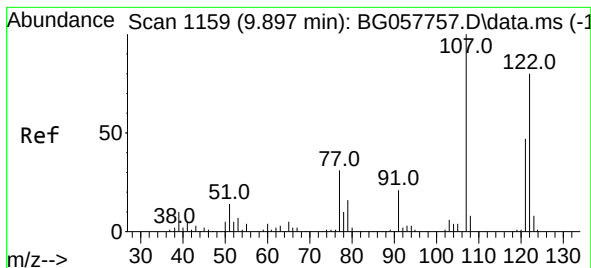
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#26
2-Nitrophenol
Concen: 66.107 ng
RT: 9.836 min Scan# 1148
Delta R.T. -0.009 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:139 Resp: 60523
Ion Ratio Lower Upper
139 100
109 32.2 22.5 33.7
65 63.5 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 52.897 ng

RT: 9.895 min Scan# 1159

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

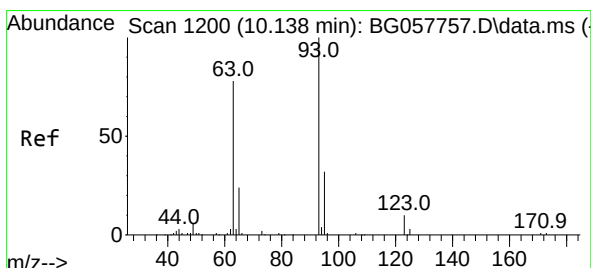
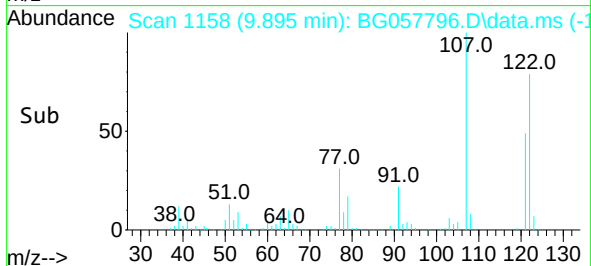
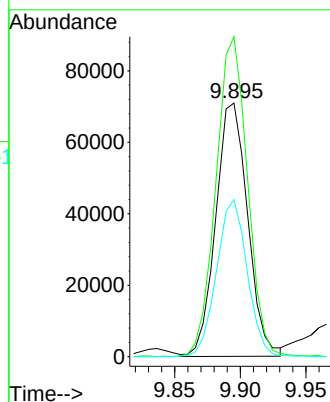
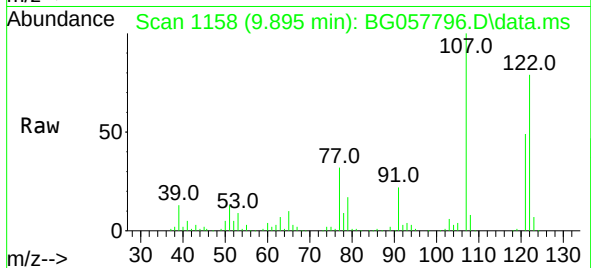
ClientSampleId :

SB-06-12.0-14.0-DUPMSD

Tgt Ion:122 Resp: 11990
 Ion Ratio Lower Upper
 122 100
 107 126.2 98.9 148.3
 121 61.9 46.4 69.6

Manual Integrations
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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.662 ng

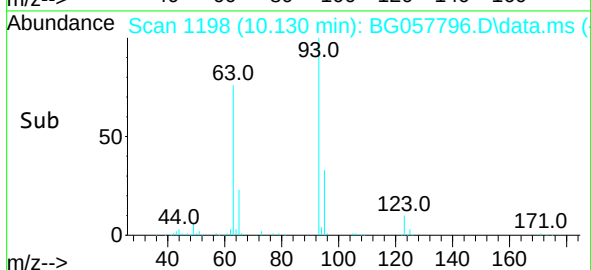
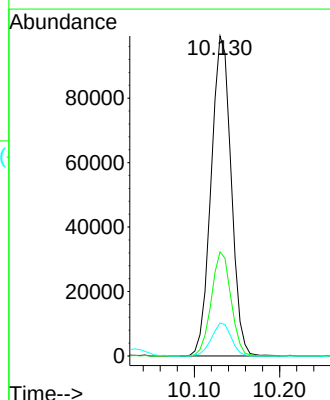
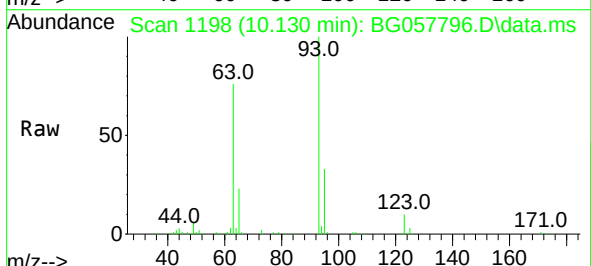
RT: 10.130 min Scan# 1198

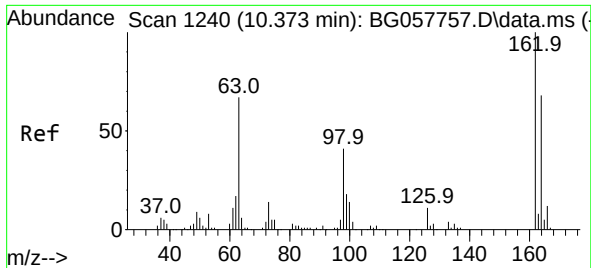
Delta R.T. -0.008 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Tgt Ion: 93 Resp: 162144
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.6 38.4
 123 10.3 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 56.042 ng

RT: 10.371 min Scan# 1239

Delta R.T. -0.002 min

Lab File: BG057796.D

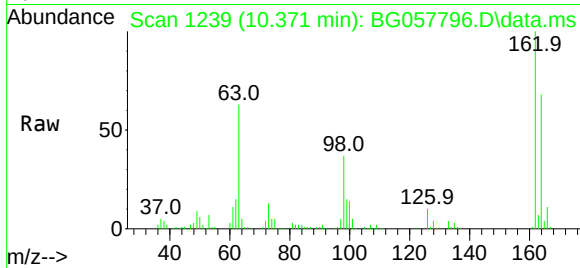
Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD



Tgt Ion:162 Resp: 120629

Ion Ratio Lower Upper

162 100

164 68.0 48.2 88.2

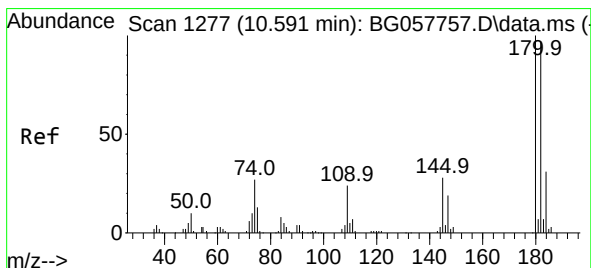
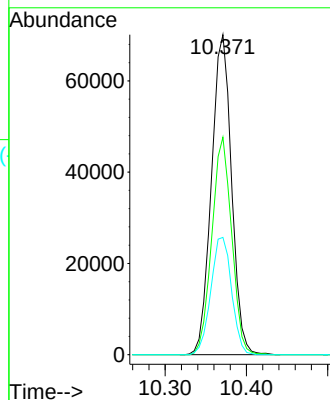
98 36.6 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.195 ng

RT: 10.588 min Scan# 1276

Delta R.T. -0.003 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

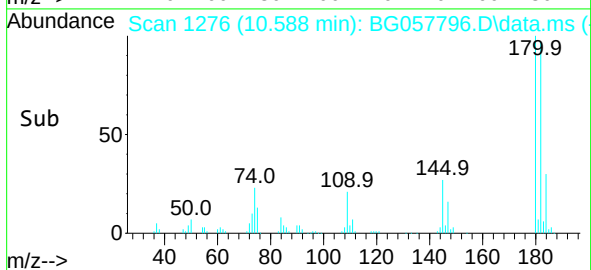
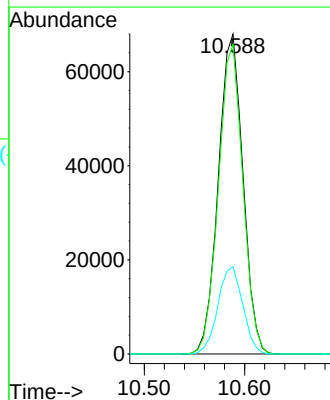
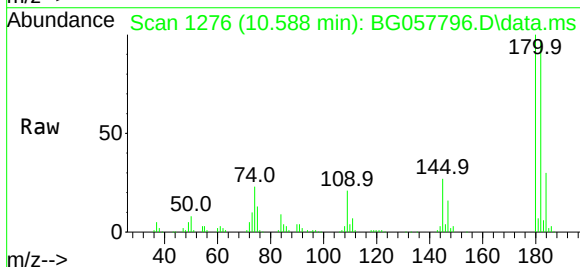
Tgt Ion:180 Resp: 115634

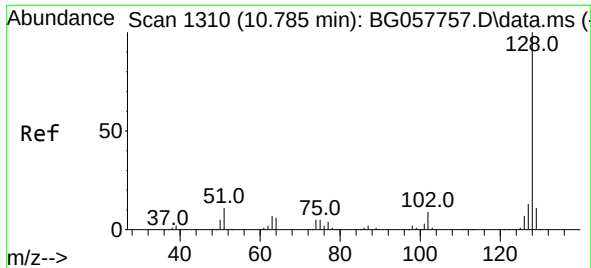
Ion Ratio Lower Upper

180 100

182 96.8 77.5 116.3

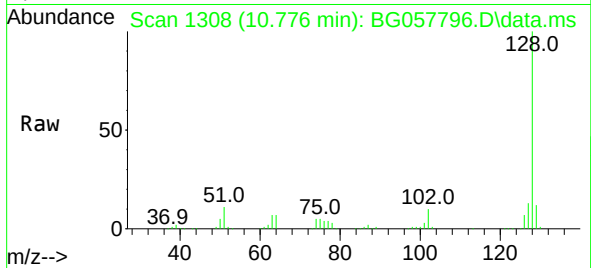
145 27.3 22.6 34.0





#31
Naphthalene
Concen: 46.334 ng
RT: 10.776 min Scan# 1180
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

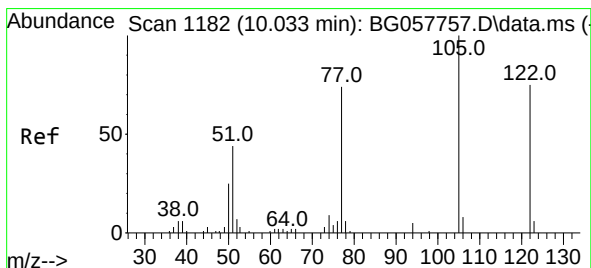
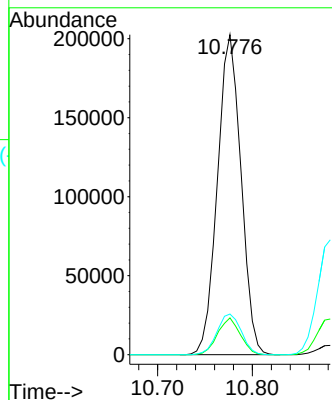
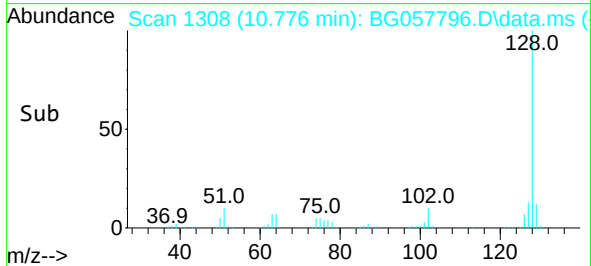
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



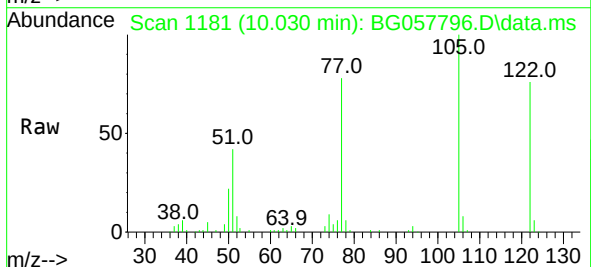
Tgt Ion:128 Resp: 349954
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 12.7 10.7 16.1

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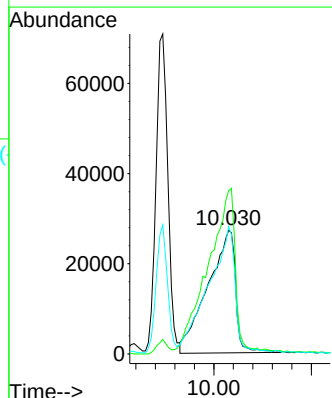
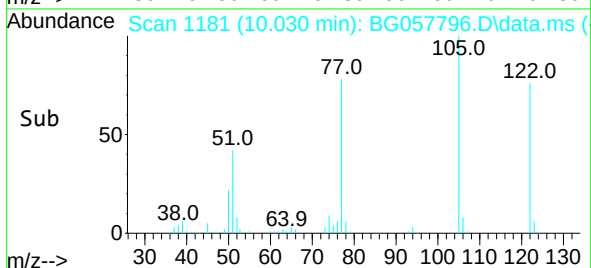
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

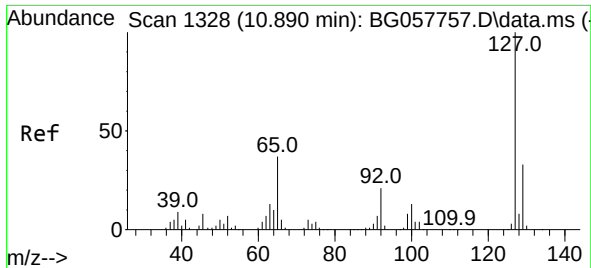


#32
Benzoic acid
Concen: 64.499 ng
RT: 10.030 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



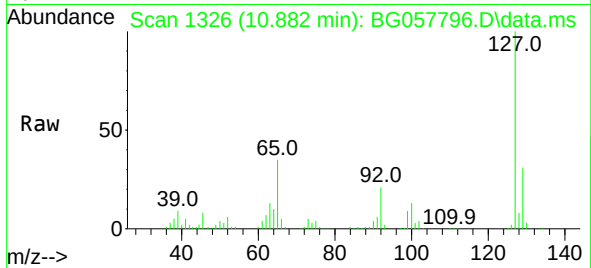
Tgt Ion:122 Resp: 107640
Ion Ratio Lower Upper
122 100
105 132.0 110.1 150.1
77 103.0 78.2 118.2





#33
4-Chloroaniline
Concen: 37.307 ng
RT: 10.882 min Scan# 1326
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

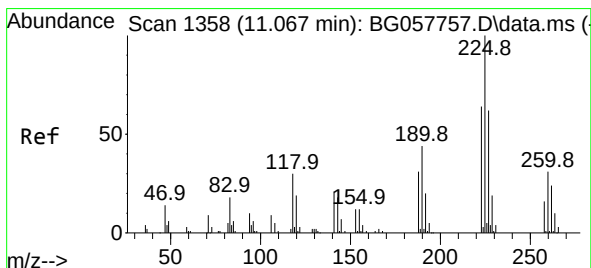
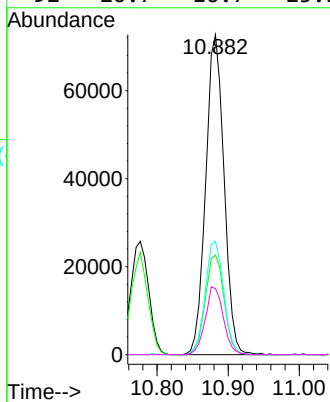
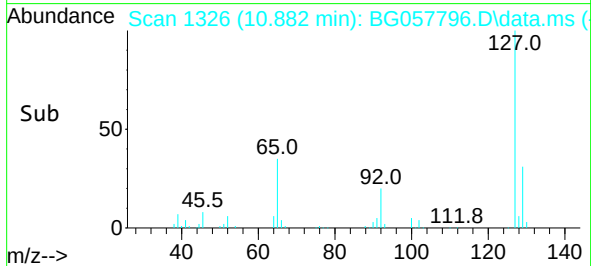
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



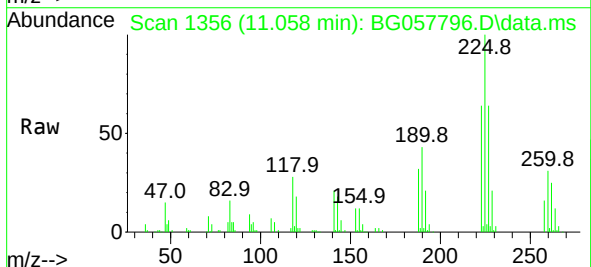
Tgt Ion:127 Resp: 13056
Ion Ratio Lower Upper
127 100
129 31.1 26.6 40.0
65 35.5 29.8 44.8
92 20.7 16.7 25.1

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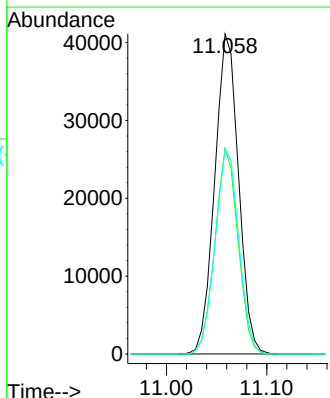
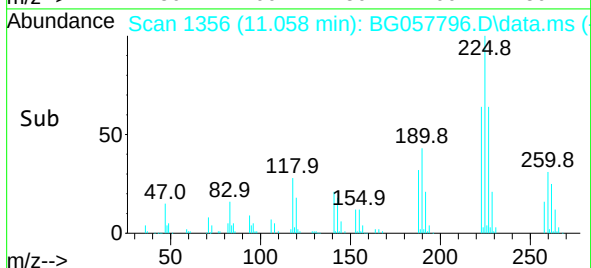
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

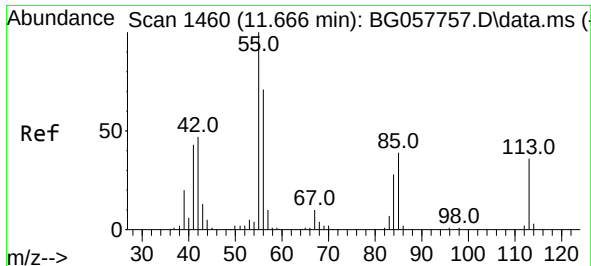


#34
Hexachlorobutadiene
Concen: 46.158 ng
RT: 11.058 min Scan# 1356
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



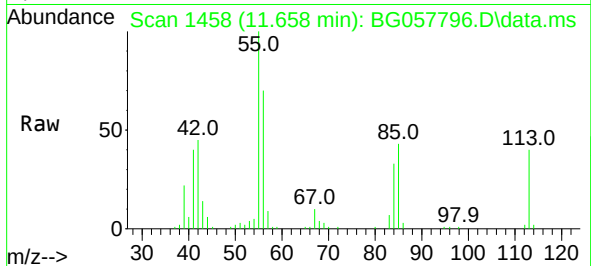
Tgt Ion:225 Resp: 67565
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 66.8 49.7 74.5





#35
Caprolactam
Concen: 57.097 ng m
RT: 11.658 min Scan# 14
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

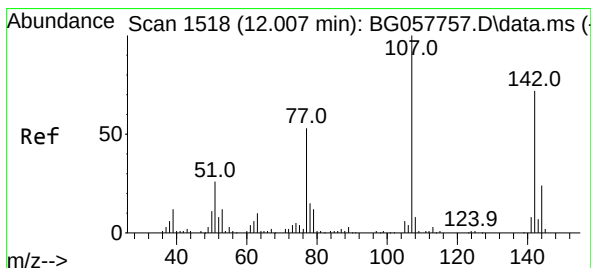
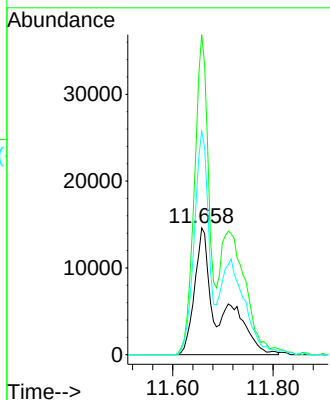
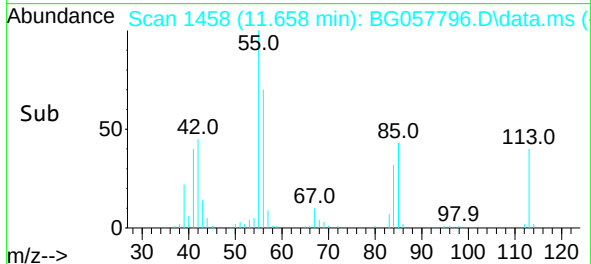
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:113 Resp: 49872
Ion Ratio Lower Upper
113 100
55 252.5 255.7 295.7
56 176.4 175.2 215.2

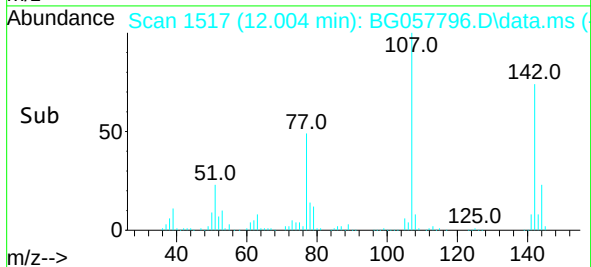
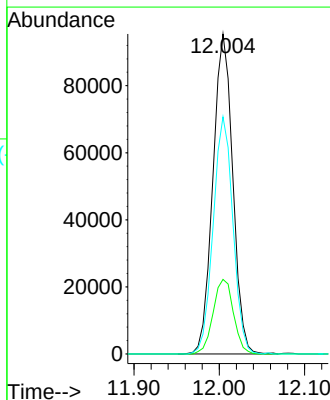
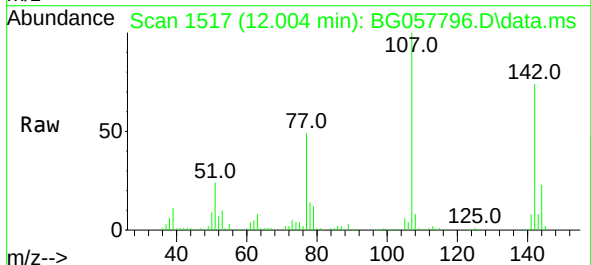
Manual Integrations
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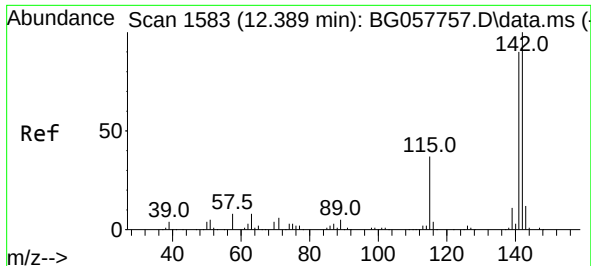
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#36
4-Chloro-3-methylphenol
Concen: 54.884 ng
RT: 12.004 min Scan# 1517
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:107 Resp: 154286
Ion Ratio Lower Upper
107 100
144 23.3 19.5 29.3
142 74.1 57.9 86.9





#37

2-Methylnaphthalene

Concen: 46.175 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD

Tgt Ion:142 Resp: 254210

Ion Ratio Lower Upper

142 100

141 87.5 72.1 108.1

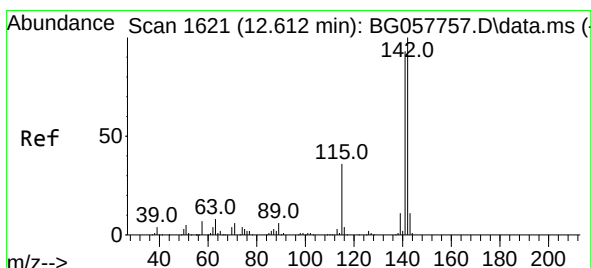
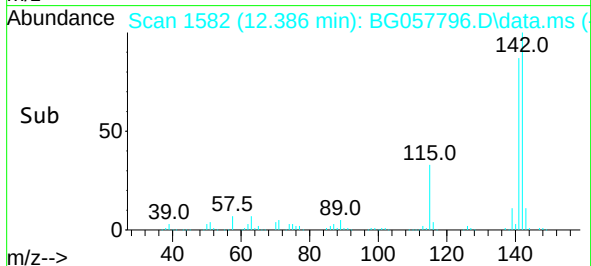
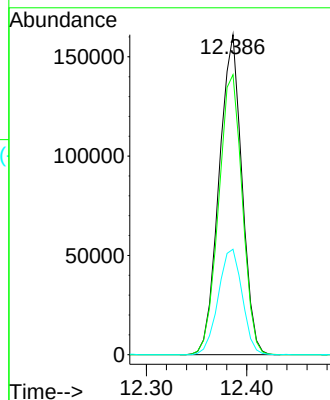
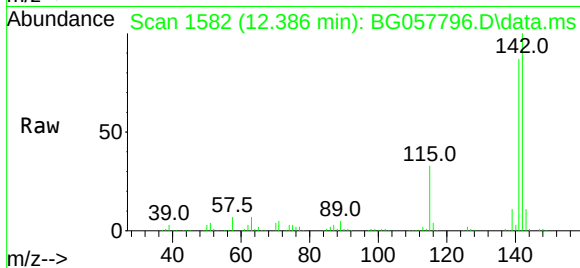
115 32.9 29.7 44.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#38

1-Methylnaphthalene

Concen: 46.287 ng

RT: 12.604 min Scan# 1619

Delta R.T. -0.008 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

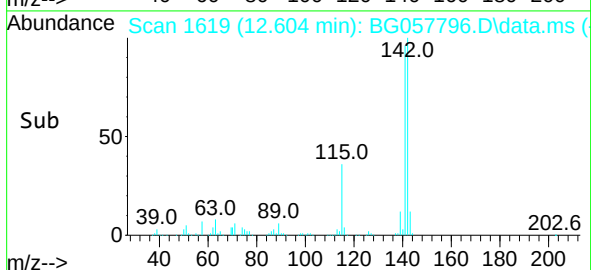
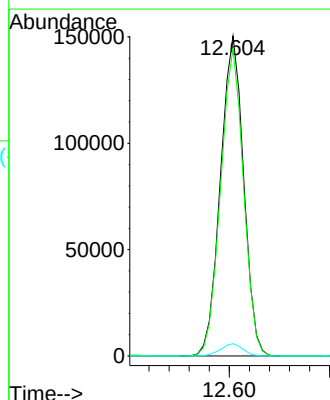
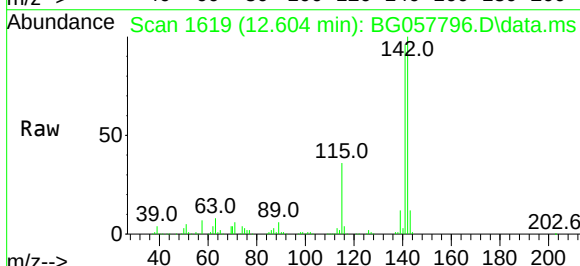
Tgt Ion:142 Resp: 240550

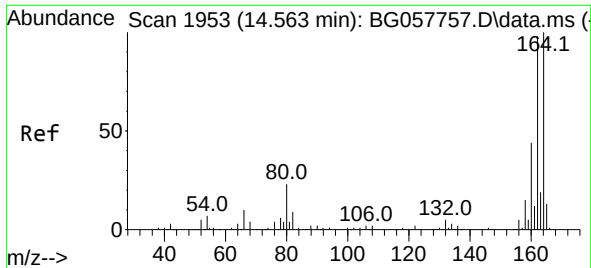
Ion Ratio Lower Upper

142 100

141 96.1 74.2 111.4

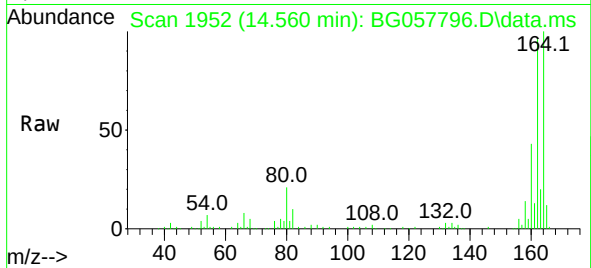
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

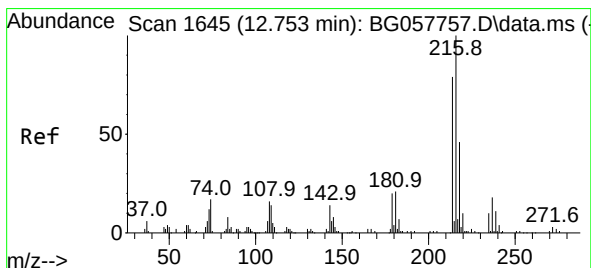
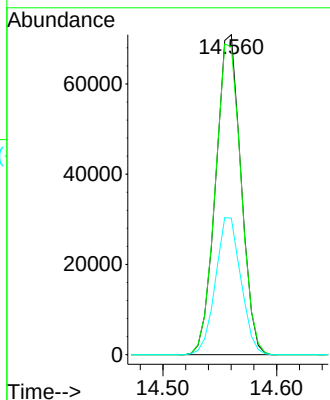
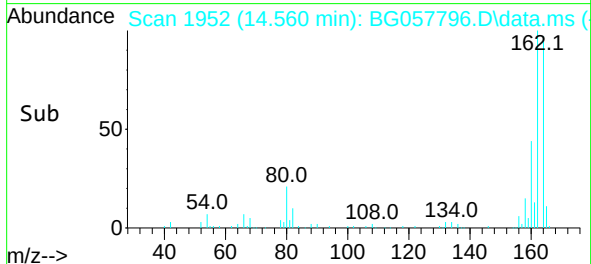
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



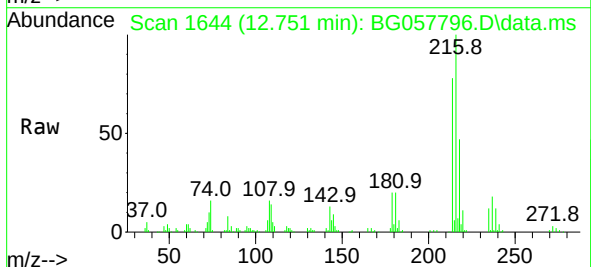
Tgt Ion:164 Resp: 10951
Ion Ratio Lower Upper
164 100
162 96.2 78.3 117.5
160 42.6 35.4 53.0

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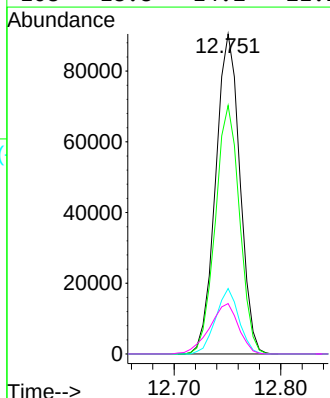
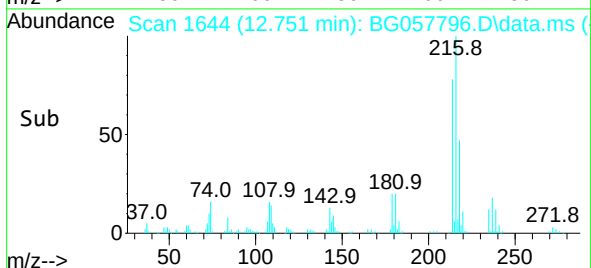
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

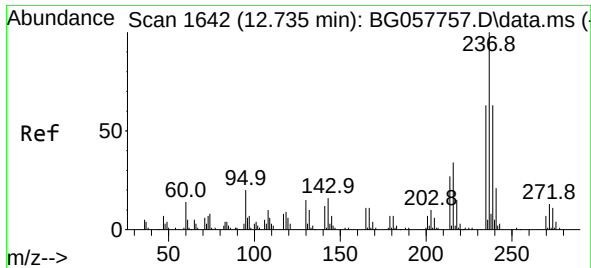


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.952 ng
RT: 12.751 min Scan# 1644
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



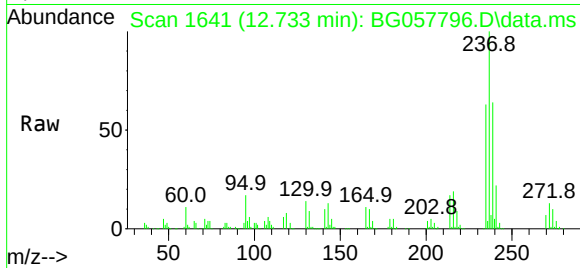
Tgt Ion:216 Resp: 142545
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.4
179 19.7 16.2 24.2
108 18.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 107.066 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

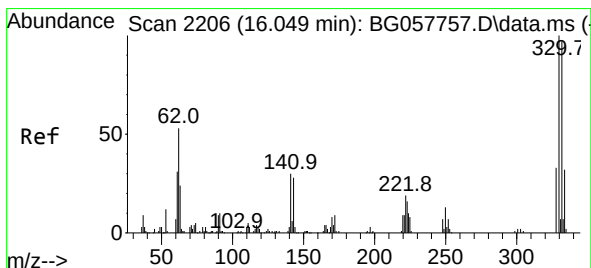
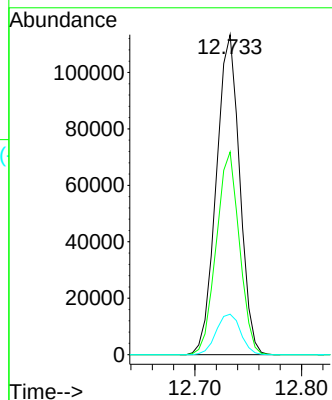
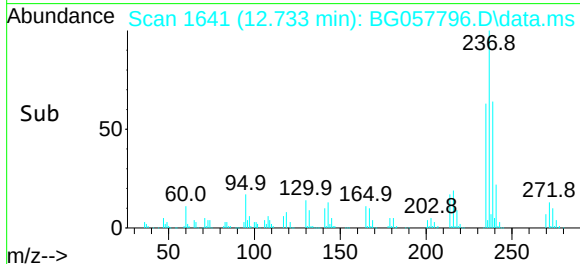
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



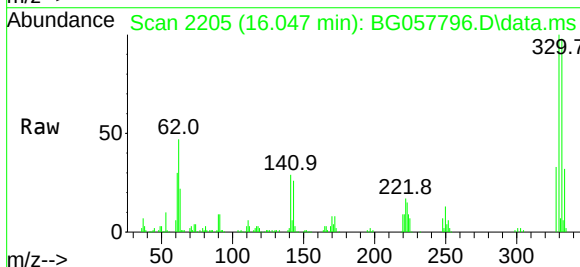
Tgt Ion:237 Resp: 17257
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 12.7 0.0 32.8

Manual Integrations
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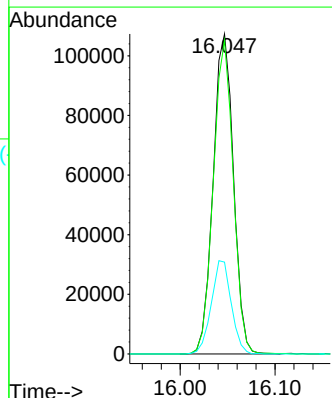
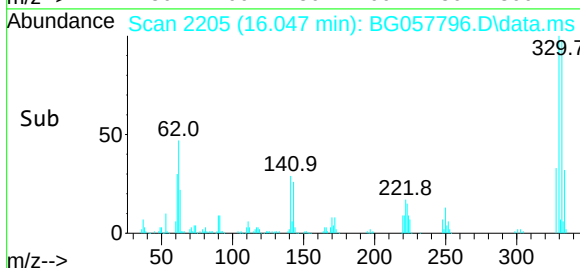
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

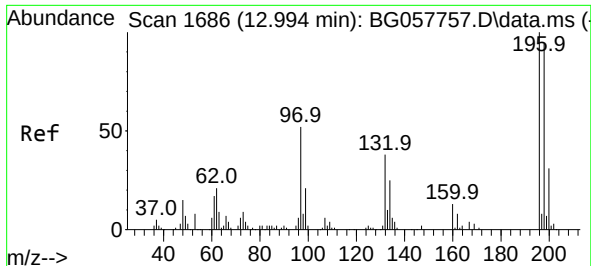


#42
2,4,6-Tribromophenol
Concen: 104.696 ng
RT: 16.047 min Scan# 2205
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



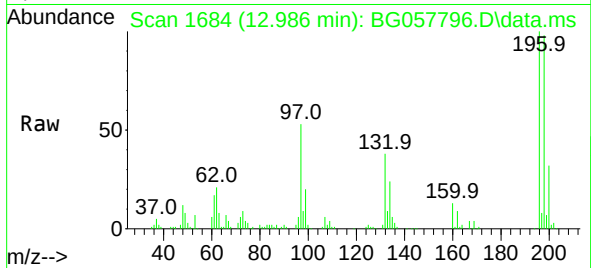
Tgt Ion:330 Resp: 159714
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 28.8 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 52.820 ng
RT: 12.986 min Scan# 1684
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

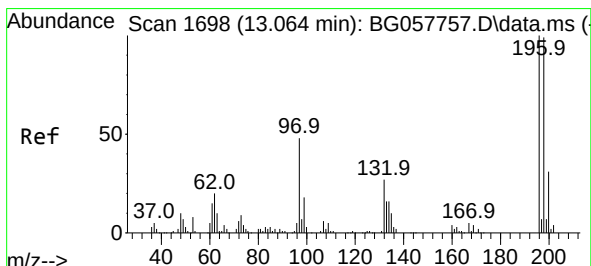
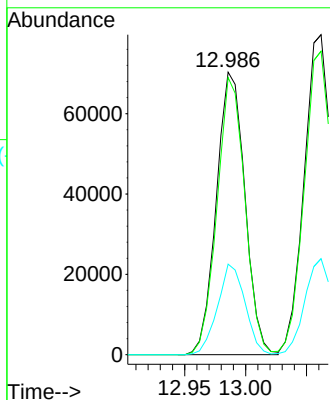
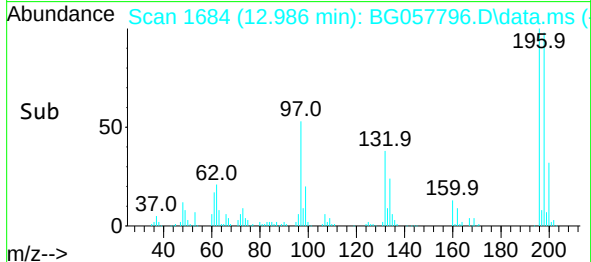
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



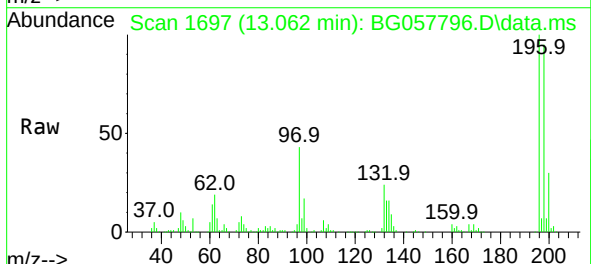
Tgt Ion:196 Resp: 114824
Ion Ratio Lower Upper
196 100
198 98.1 75.5 113.3
200 32.1 24.6 36.8

Manual Integrations
APPROVED

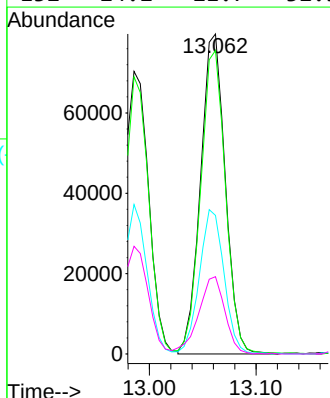
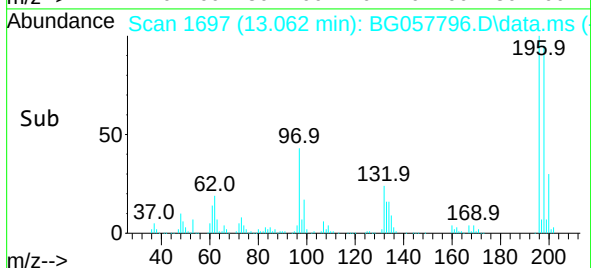
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

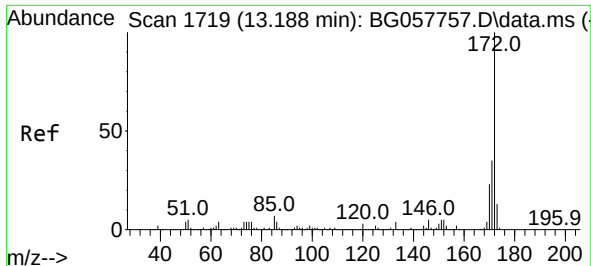


#44
2,4,5-Trichlorophenol
Concen: 50.745 ng
RT: 13.062 min Scan# 1697
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



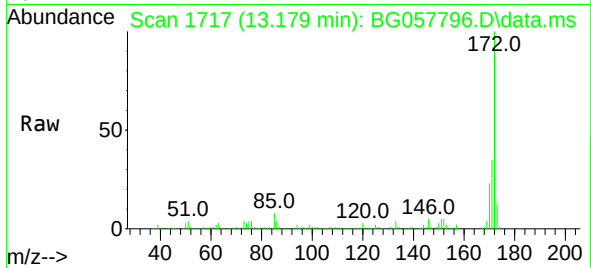
Tgt Ion:196 Resp: 128585
Ion Ratio Lower Upper
196 100
198 94.9 78.9 118.3
97 43.3 38.3 57.5
132 24.2 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 55.093 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

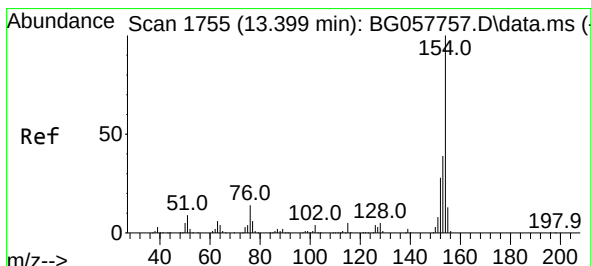
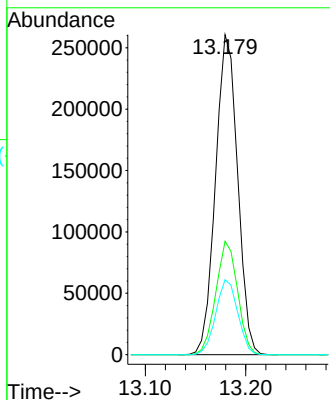
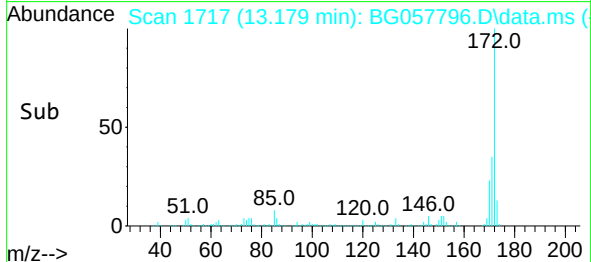
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



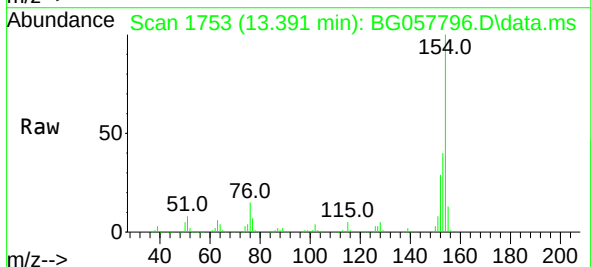
Tgt Ion:172 Resp: 397789
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.5 18.6 27.8

Manual Integrations
APPROVED

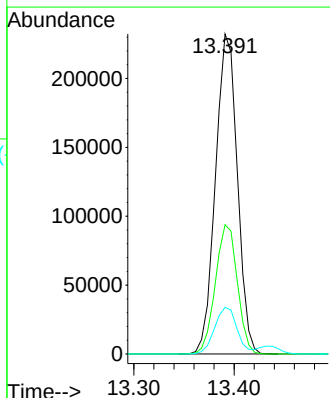
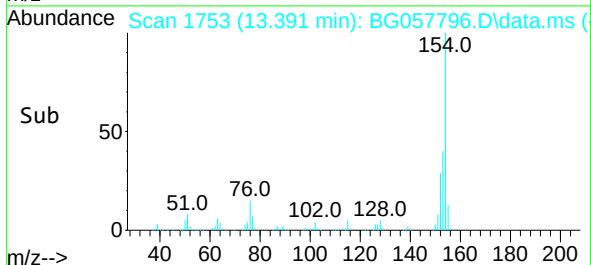
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

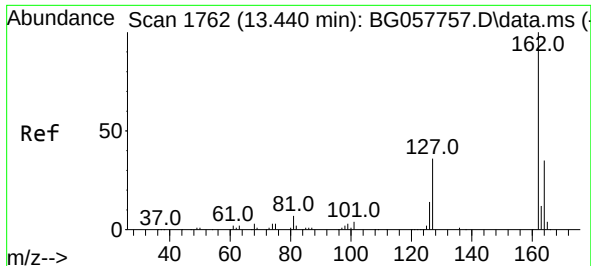


#46
1,1'-Biphenyl
Concen: 46.631 ng
RT: 13.391 min Scan# 1753
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



Tgt Ion:154 Resp: 350638
Ion Ratio Lower Upper
154 100
153 40.4 19.1 59.1
76 14.6 0.0 34.3





#47

2-Chloronaphthalene

Concen: 47.800 ng

RT: 13.432 min Scan# 1760

Delta R.T. -0.008 min

Lab File: BG057796.D

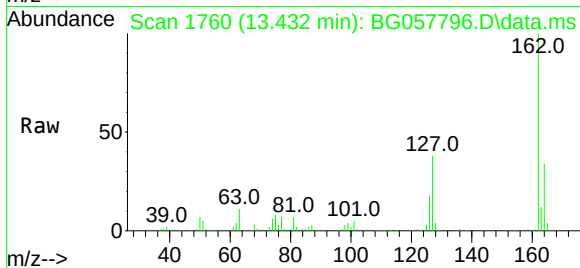
Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD



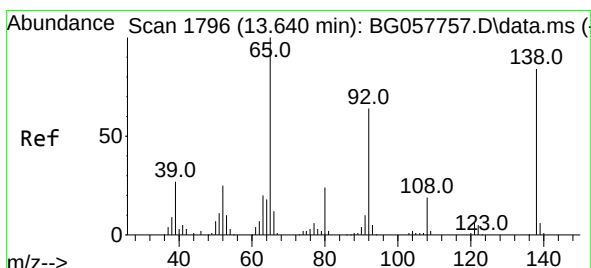
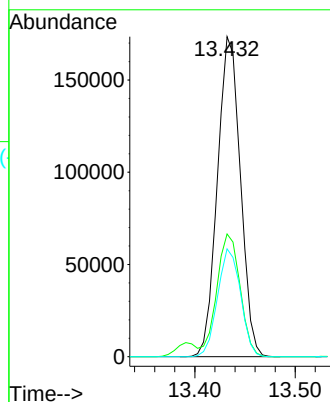
Tgt Ion:	162	Resp:	27613
Ion Ratio	Lower	Upper	
162	100		
127	38.3	32.2	48.2
164	33.7	28.0	42.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#48

2-Nitroaniline

Concen: 55.708 ng

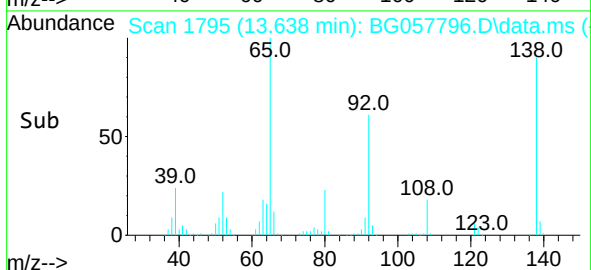
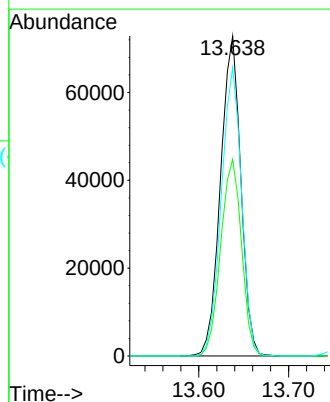
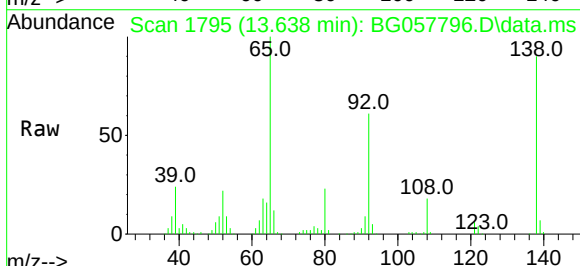
RT: 13.638 min Scan# 1795

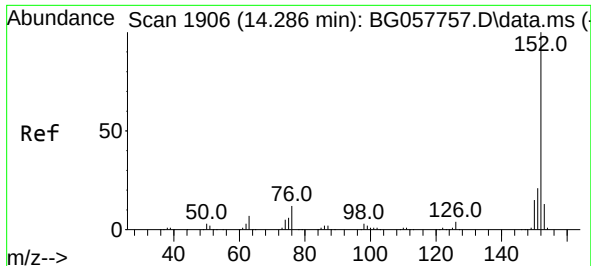
Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

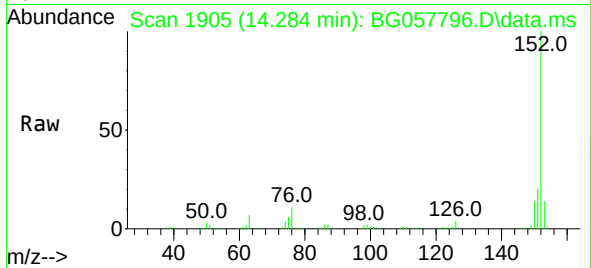
Tgt Ion:	65	Resp:	114364
Ion Ratio	Lower	Upper	
65	100		
92	61.4	51.2	76.8
138	90.1	67.2	100.8





#49
Acenaphthylene
Concen: 46.980 ng
RT: 14.284 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

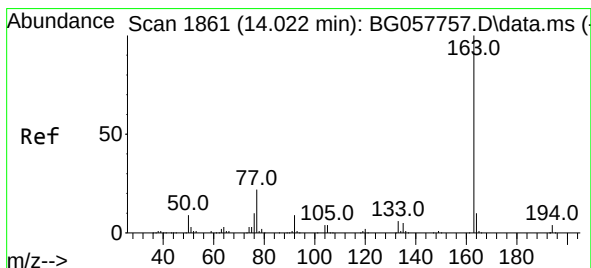
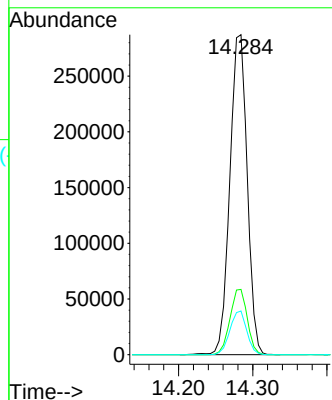
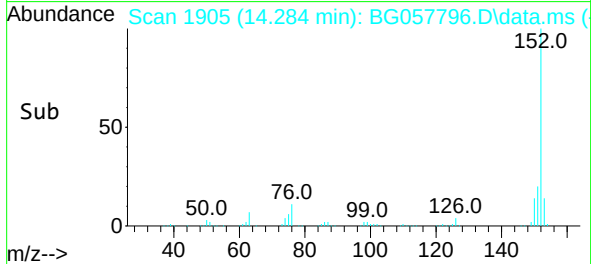
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



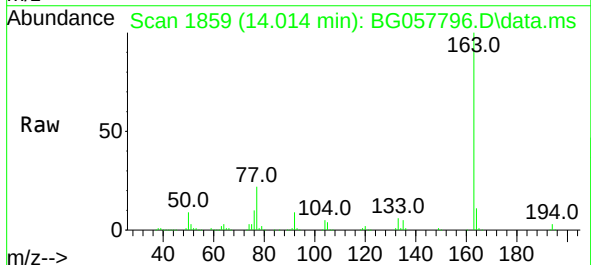
Tgt Ion:152 Resp: 465835
Ion Ratio Lower Upper
152 100
151 20.4 17.0 25.4
153 13.6 10.5 15.7

Manual Integrations
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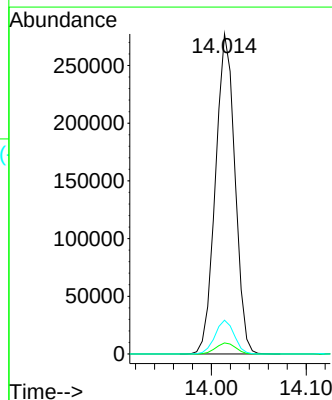
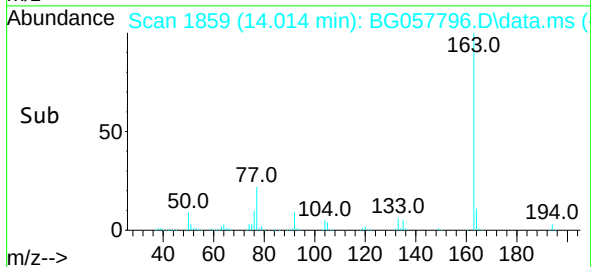
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

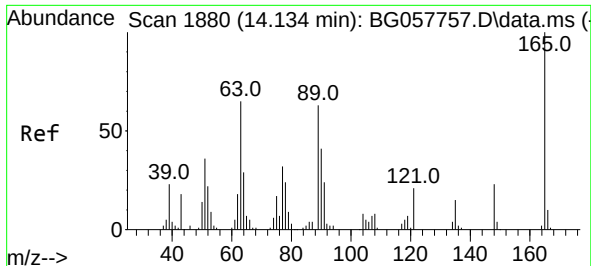


#50
Dimethylphthalate
Concen: 47.110 ng
RT: 14.014 min Scan# 1859
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



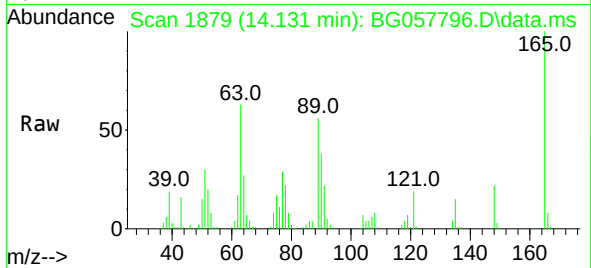
Tgt Ion:163 Resp: 396255
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.5 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 57.032 ng
RT: 14.131 min Scan# 1880
Delta R.T. -0.003 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

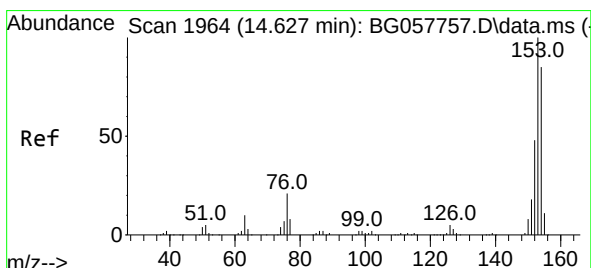
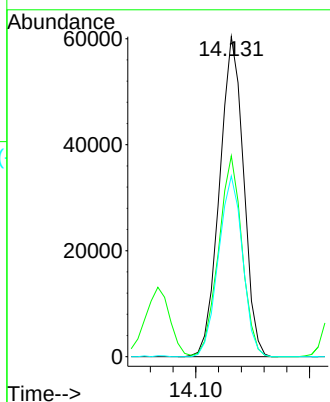
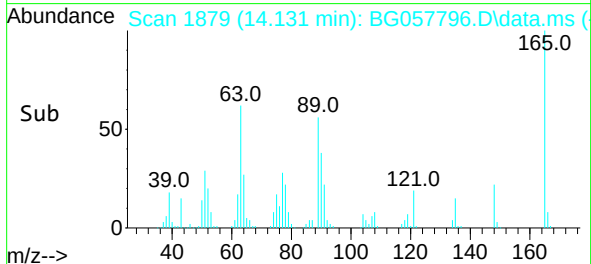
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



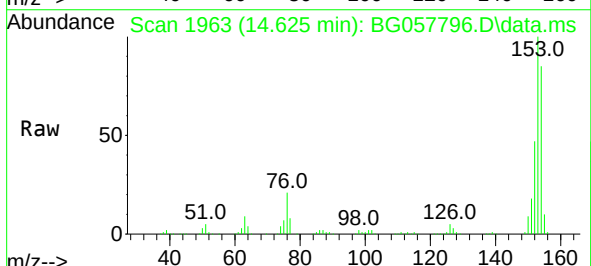
Tgt Ion:165 Resp: 8833
Ion Ratio Lower Upper
165 100
63 62.7 52.8 79.2
89 56.4 50.7 76.1

Manual Integrations
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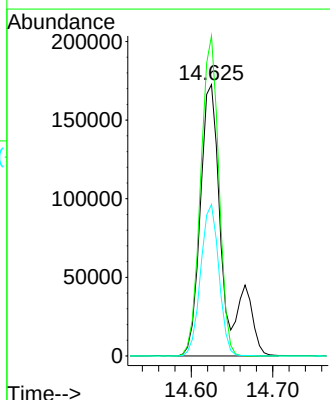
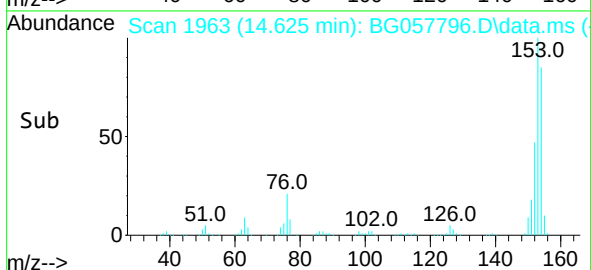
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

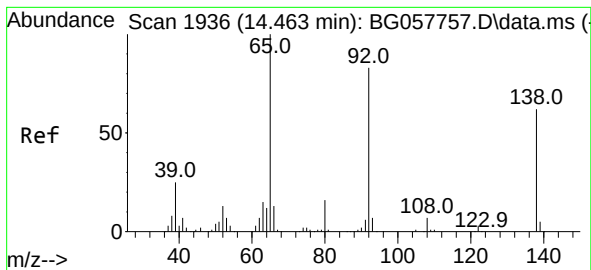


#52
Acenaphthene
Concen: 54.658 ng m
RT: 14.625 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



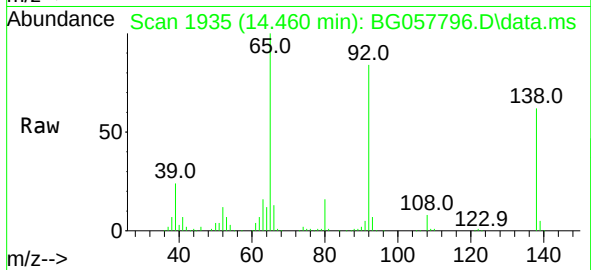
Tgt Ion:154 Resp: 335518
Ion Ratio Lower Upper
154 100
153 117.9 93.6 140.4
152 55.9 44.7 67.1





#53
3-Nitroaniline
Concen: 45.538 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

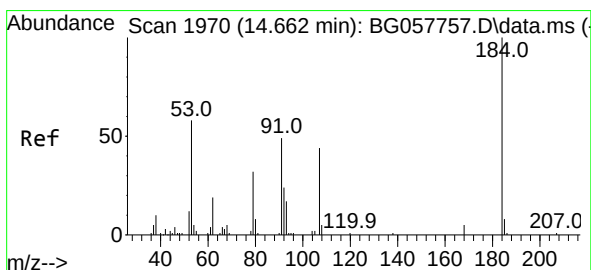
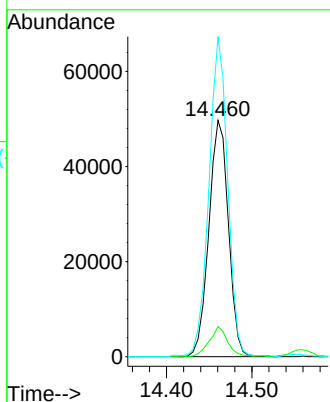
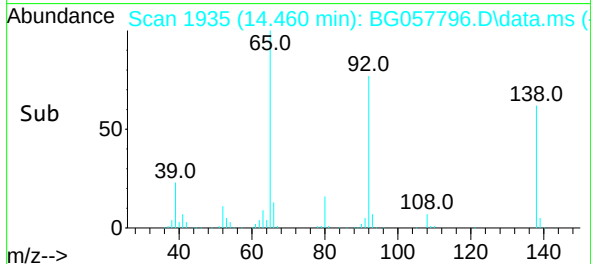
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



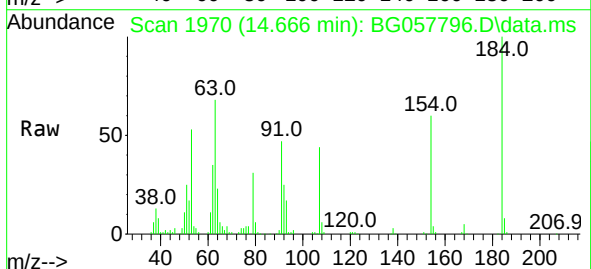
Tgt Ion:138 Resp: 7948
Ion Ratio Lower Upper
138 100
108 12.7 9.1 13.7
92 135.4 106.4 159.6

Manual Integrations
APPROVED

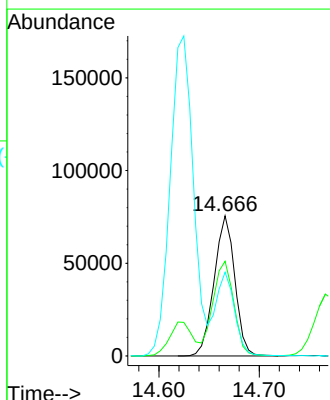
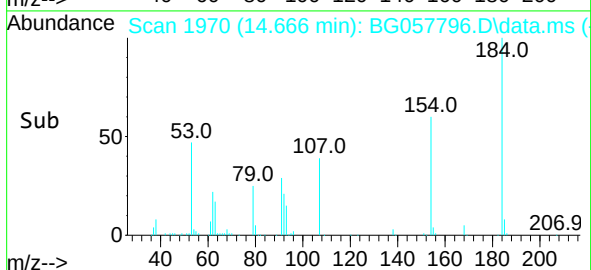
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

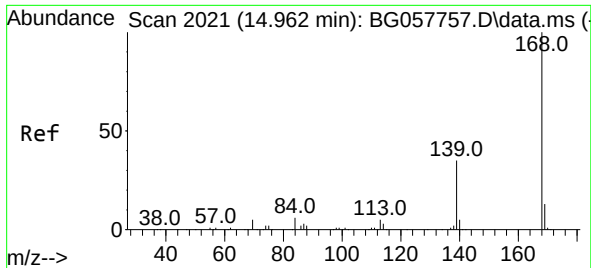


#54
2,4-Dinitrophenol
Concen: 127.854 ng
RT: 14.666 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



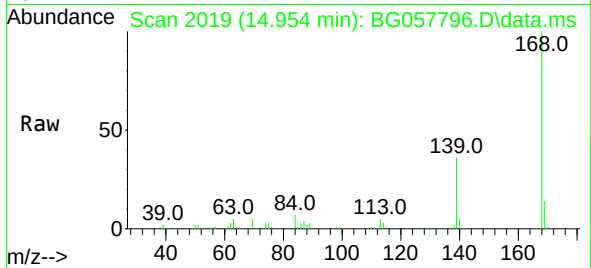
Tgt Ion:184 Resp: 108244
Ion Ratio Lower Upper
184 100
63 67.5 55.2 82.8
154 59.6 47.4 71.0





#55
Dibenzofuran
Concen: 46.947 ng
RT: 14.954 min Scan# 2021
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

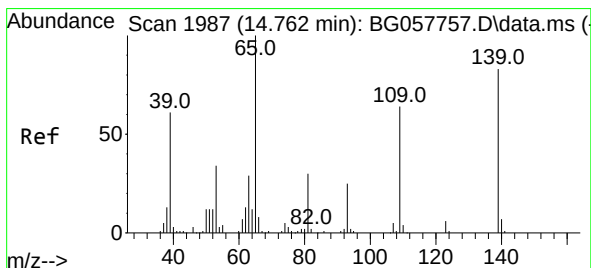
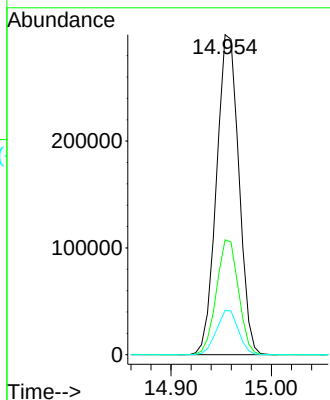
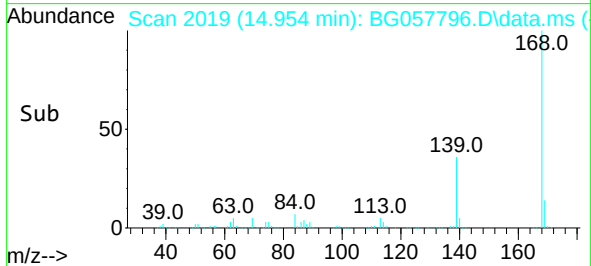
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:168 Resp: 46337
Ion Ratio Lower Upper
168 100
139 35.9 28.1 42.1
169 13.9 10.7 16.1

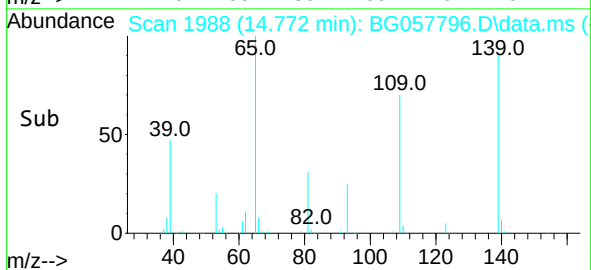
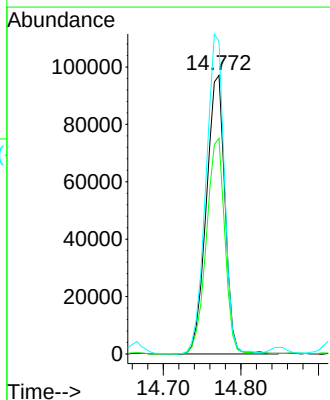
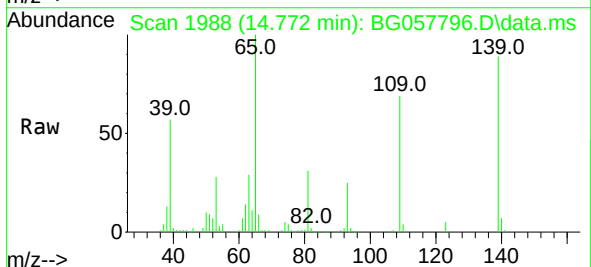
Manual Integrations
APPROVED

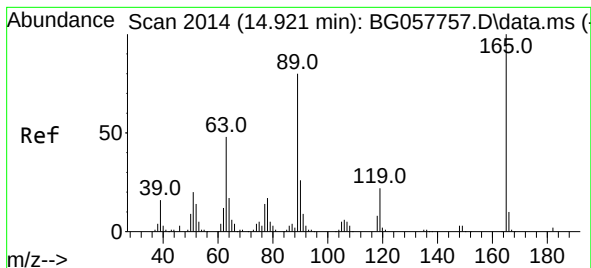
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 116.594 ng
RT: 14.772 min Scan# 1988
Delta R.T. 0.009 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

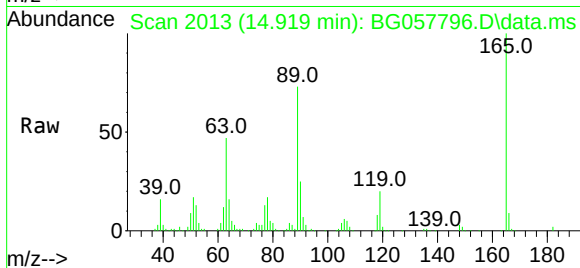
Tgt Ion:139 Resp: 161740
Ion Ratio Lower Upper
139 100
109 77.4 57.3 97.3
65 112.1 100.0 140.0





#57
2,4-Dinitrotoluene
Concen: 60.063 ng
RT: 14.919 min Scan# 2013
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

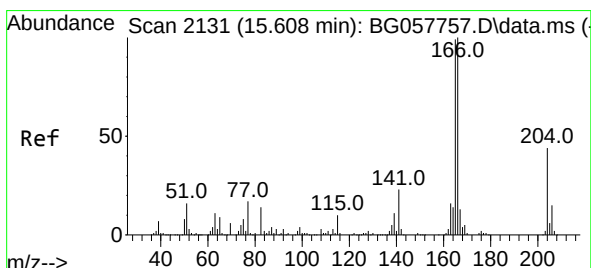
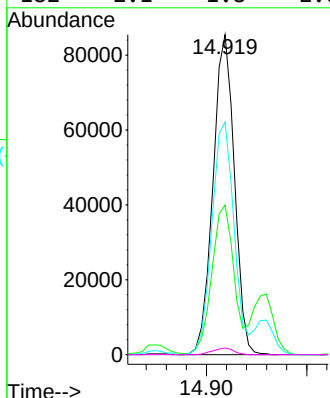
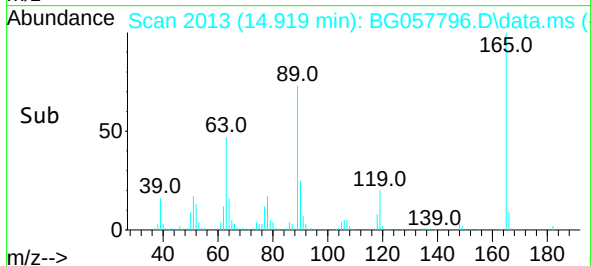
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:165 Resp: 126160
Ion Ratio Lower Upper
165 100
63 46.7 38.6 58.0
89 72.6 63.7 95.5
182 2.1 1.8 2.6

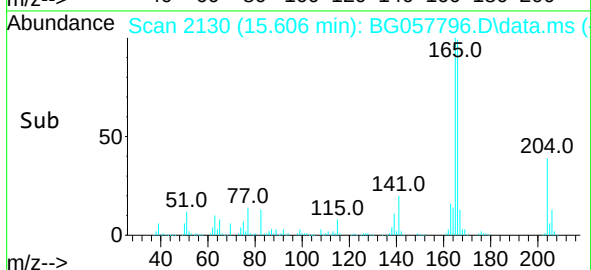
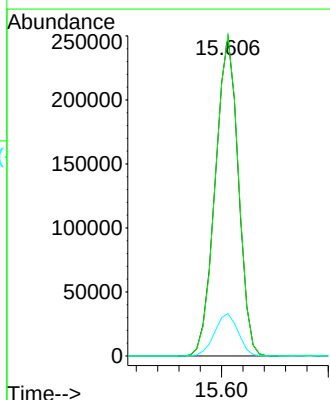
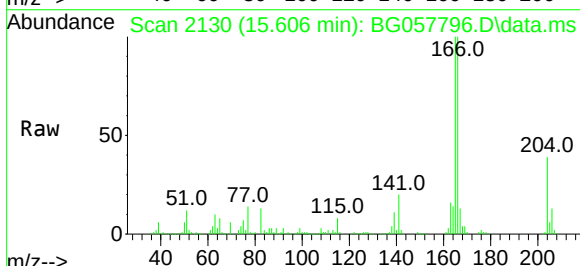
Manual Integrations
APPROVED

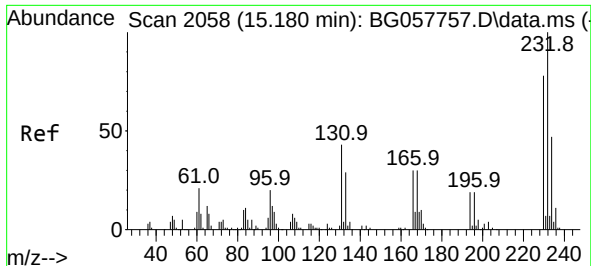
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#58
Fluorene
Concen: 47.788 ng
RT: 15.606 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:166 Resp: 373374
Ion Ratio Lower Upper
166 100
165 100.1 79.5 119.3
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.483 ng

RT: 15.177 min Scan# 2057

Delta R.T. -0.002 min

Lab File: BG057796.D

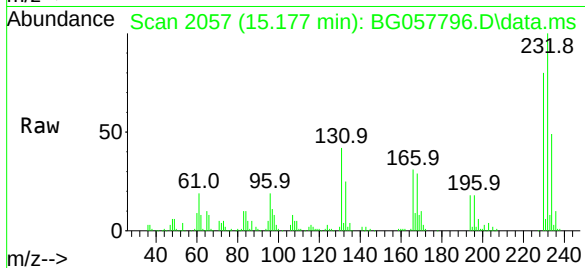
Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD



Tgt Ion:232 Resp: 117650

Ion Ratio Lower Upper

232 100

131 39.1 31.9 47.9

130 1.9 1.6 2.4

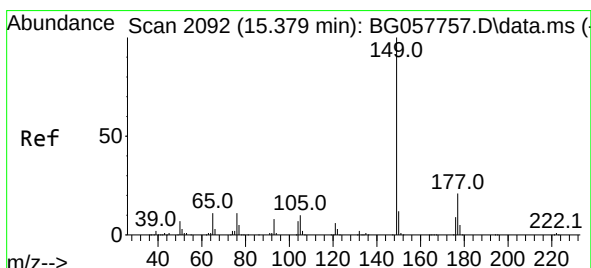
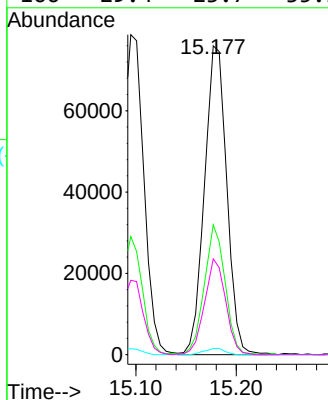
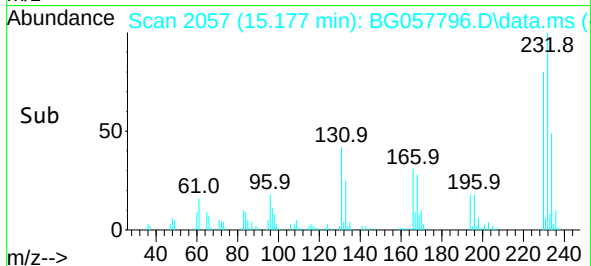
166 29.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#60

Diethylphthalate

Concen: 47.299 ng

RT: 15.377 min Scan# 2091

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

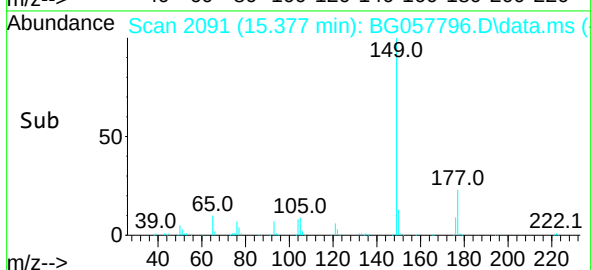
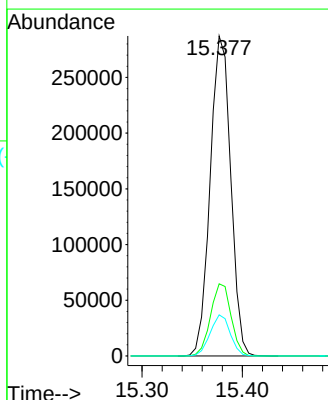
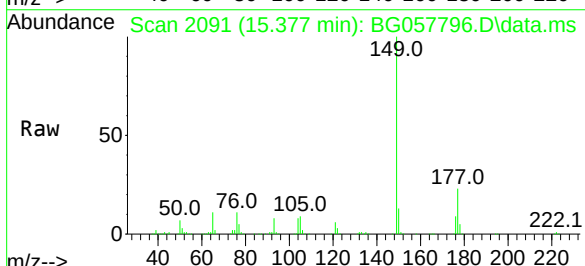
Tgt Ion:149 Resp: 408157

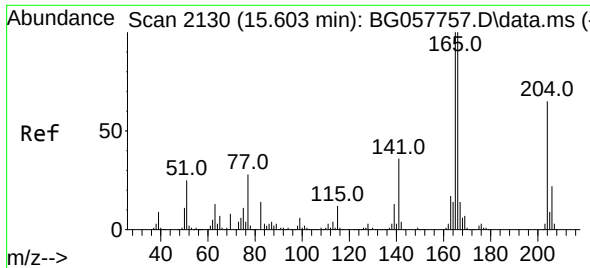
Ion Ratio Lower Upper

149 100

177 22.6 17.0 25.6

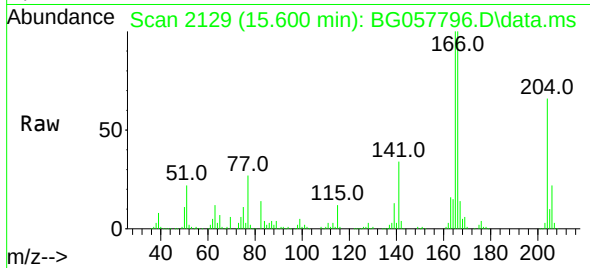
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.506 ng
RT: 15.600 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

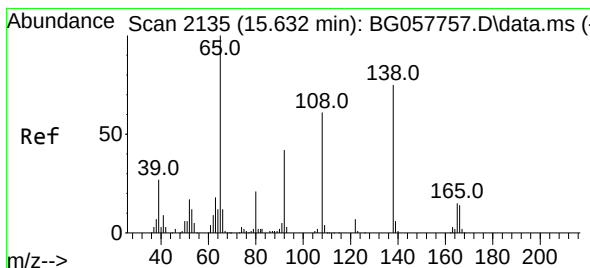
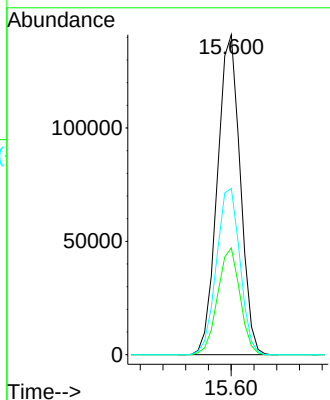
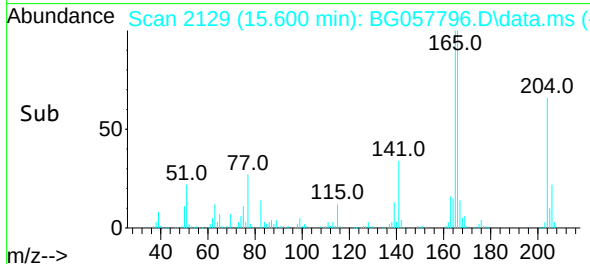
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:204 Resp: 19735
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 52.0 44.3 66.5

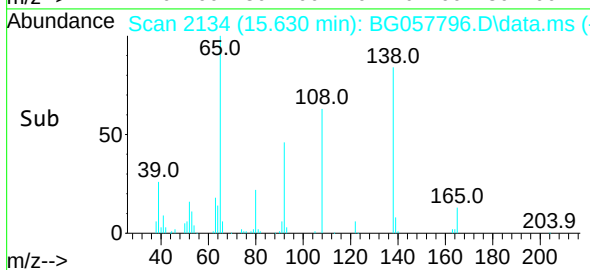
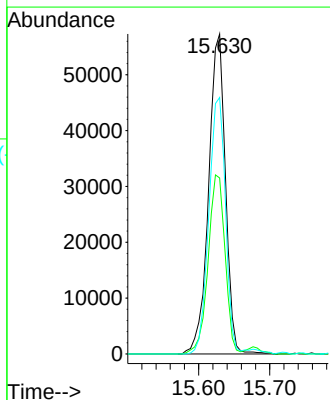
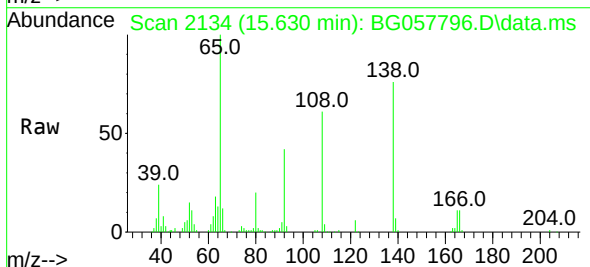
Manual Integrations
APPROVED

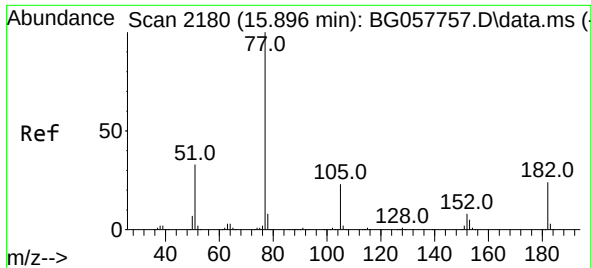
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#62
4-Nitroaniline
Concen: 53.013 ng
RT: 15.630 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

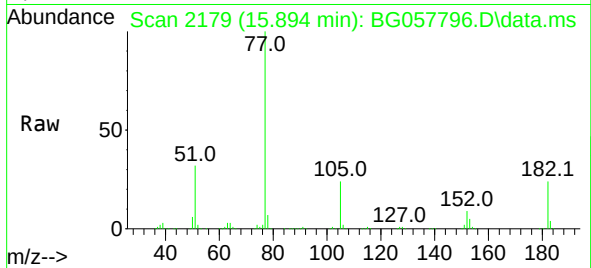
Tgt Ion:138 Resp: 94337
Ion Ratio Lower Upper
138 100
92 55.0 35.9 75.9
108 80.1 62.1 102.1





#63
Azobenzene
Concen: 48.534 ng
RT: 15.894 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

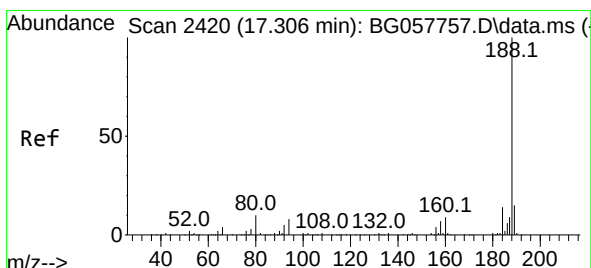
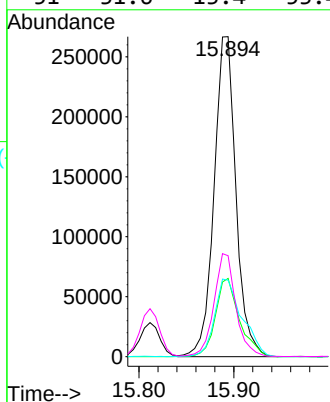
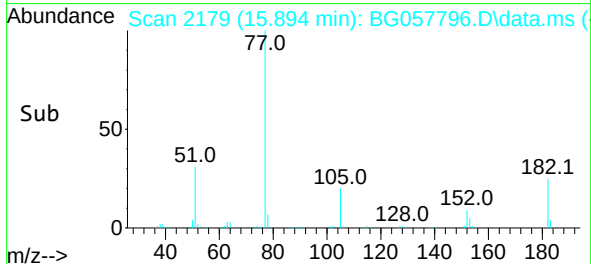
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



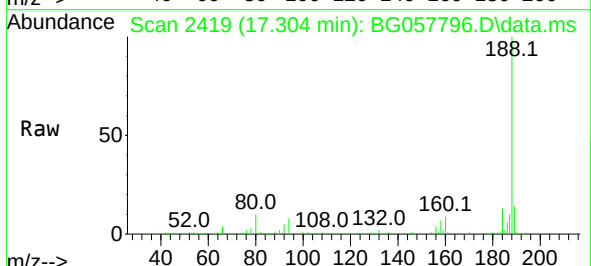
Tgt Ion: 77 Resp: 42840
Ion Ratio Lower Upper
77 100
182 24.4 4.1 44.1
105 23.9 3.3 43.3
51 31.6 13.4 53.4

Manual Integrations
APPROVED

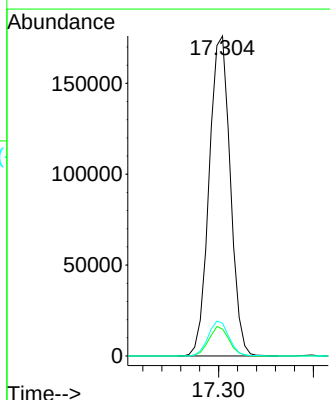
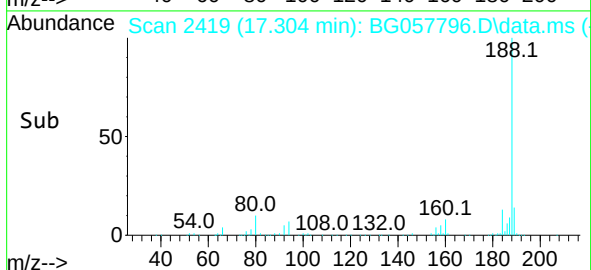
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

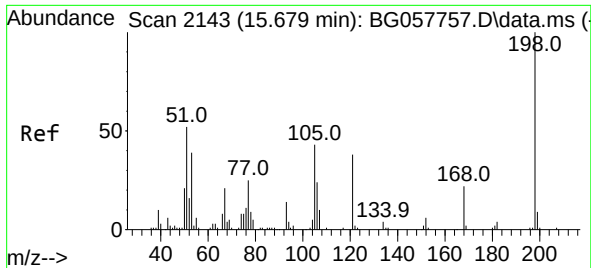


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



Tgt Ion:188 Resp: 272187
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 10.3 7.6 11.4





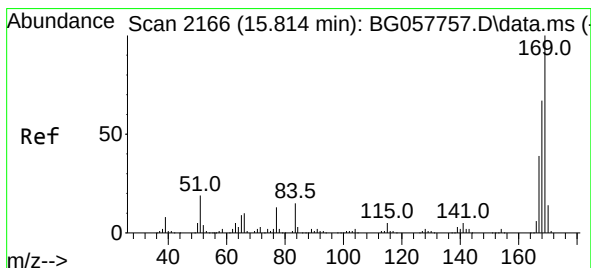
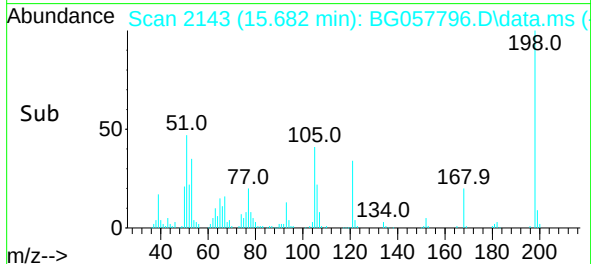
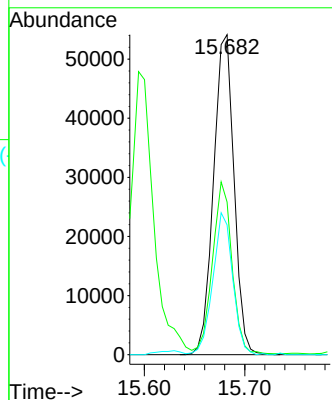
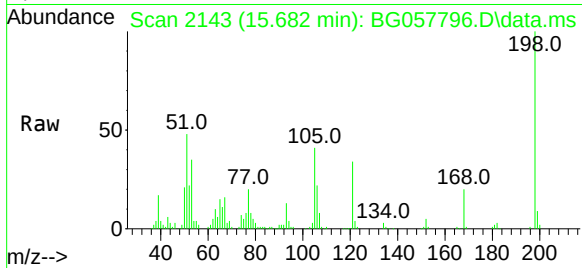
#65
4,6-Dinitro-2-methylphenol
Concen: 59.918 ng
RT: 15.682 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD

Tgt Ion:198 Resp: 7677
Ion Ratio Lower Upper
198 100
51 47.7 36.6 76.6
105 40.5 24.3 64.3

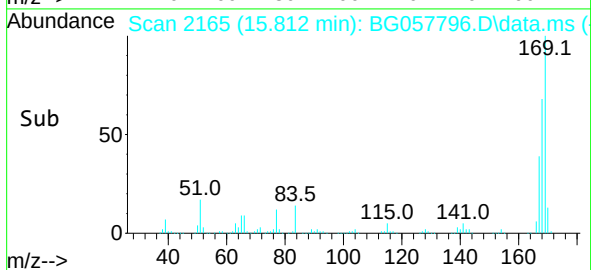
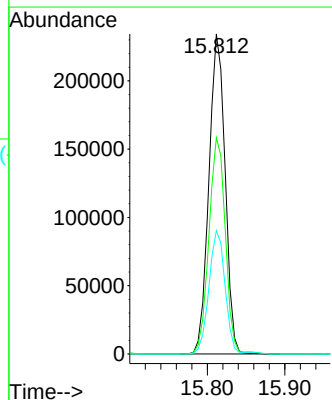
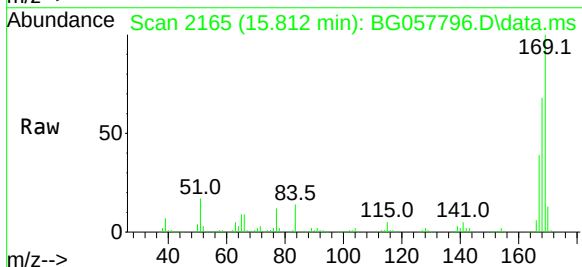
Manual Integrations
APPROVED

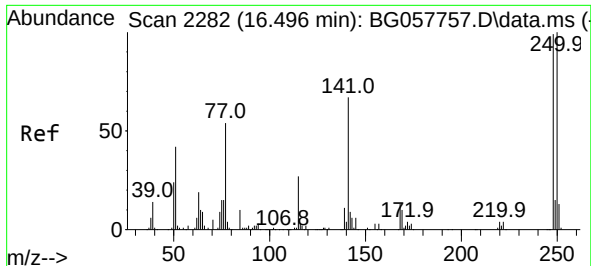
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 47.358 ng
RT: 15.812 min Scan# 2165
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

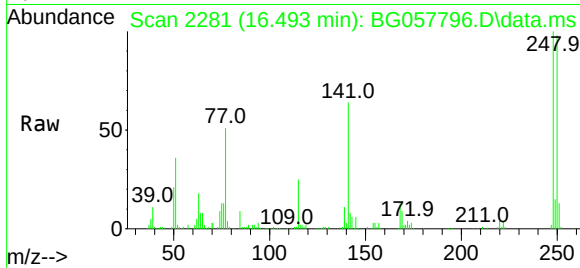
Tgt Ion:169 Resp: 340216
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 38.5 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 46.579 ng
RT: 16.493 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

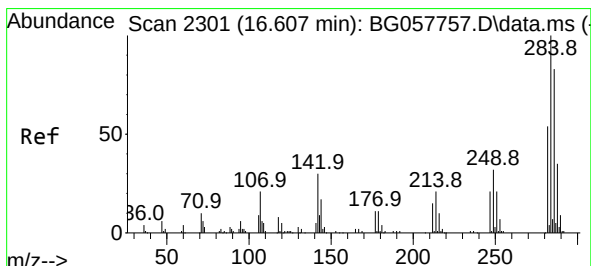
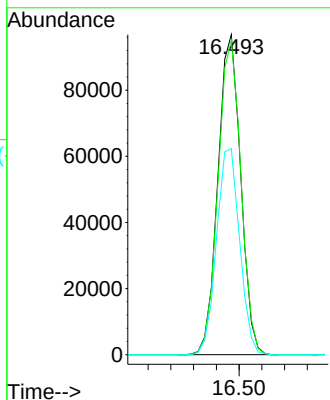
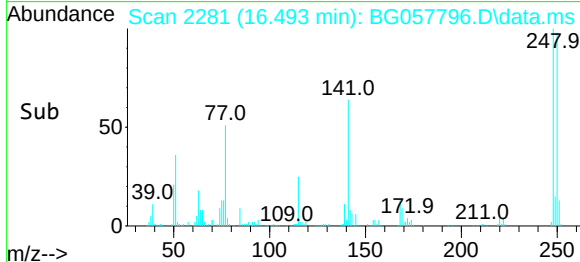
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



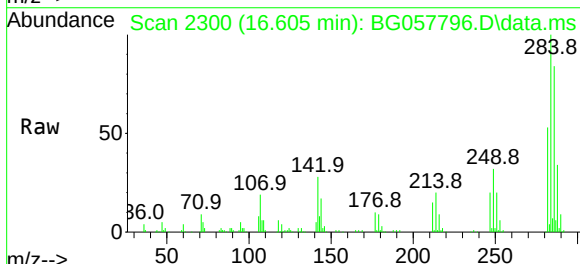
Tgt Ion:248 Resp: 134450
Ion Ratio Lower Upper
248 100
250 98.3 81.1 121.7
141 64.4 54.6 81.8

Manual Integrations
APPROVED

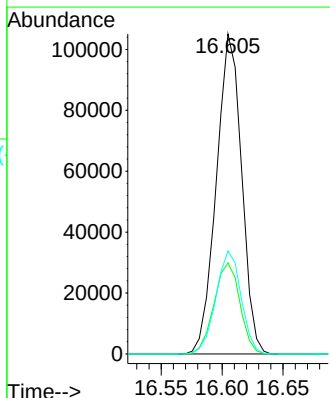
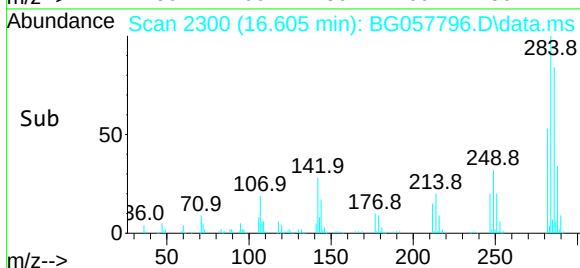
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

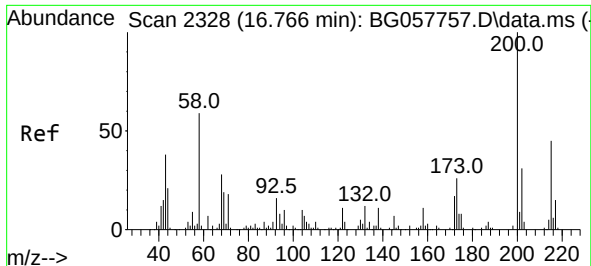


#68
Hexachlorobenzene
Concen: 51.473 ng
RT: 16.605 min Scan# 2300
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



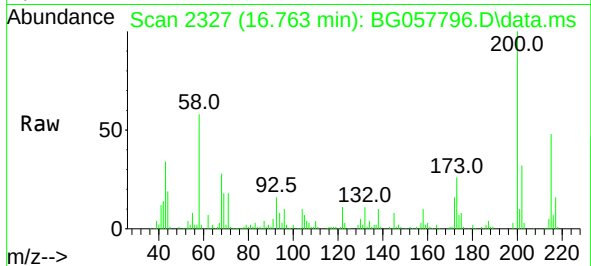
Tgt Ion:284 Resp: 151471
Ion Ratio Lower Upper
284 100
142 28.5 24.2 36.4
249 32.2 25.9 38.9





#69
 Atrazine
 Concen: 56.067 ng
 RT: 16.763 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057796.D
 Acq: 21 Jun 2023 22:53

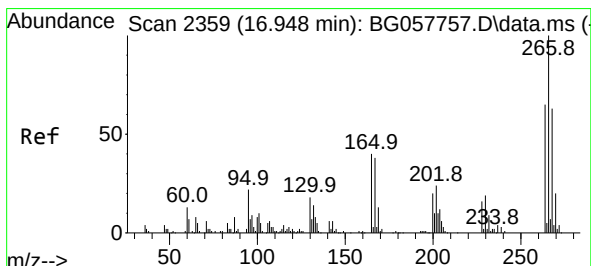
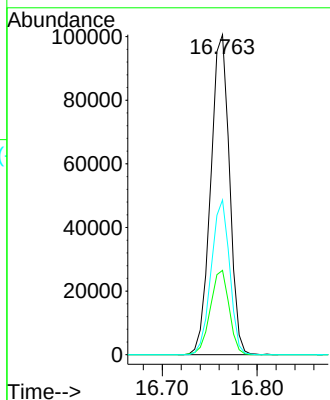
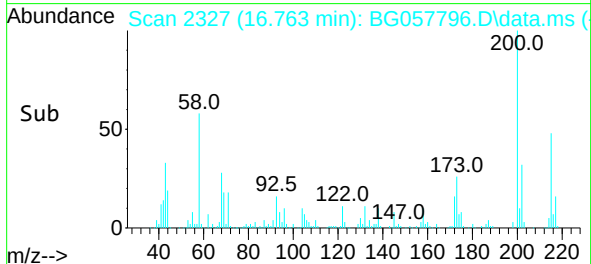
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-12.0-14.0-DUPMSD



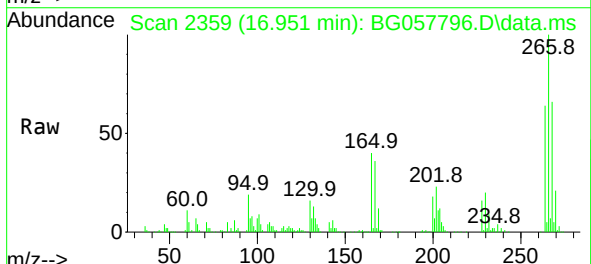
Tgt Ion:200 Resp: 13826
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.6 45.6
 215 48.4 24.6 64.6

Manual Integrations
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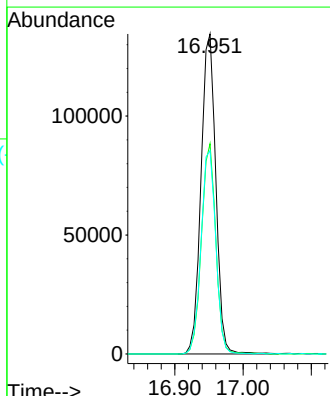
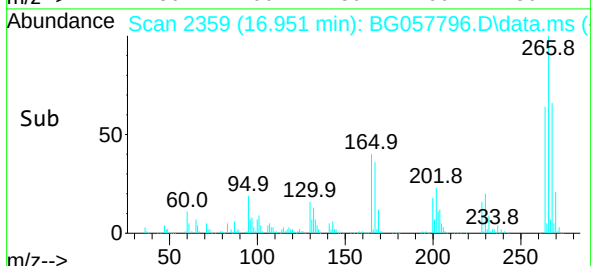
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

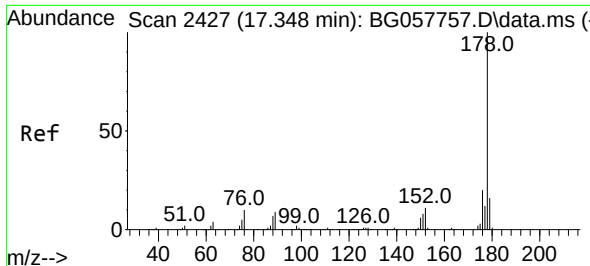


#70
 Pentachlorophenol
 Concen: 93.230 ng
 RT: 16.951 min Scan# 2359
 Delta R.T. 0.003 min
 Lab File: BG057796.D
 Acq: 21 Jun 2023 22:53



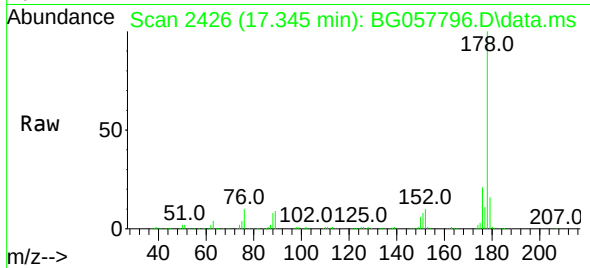
Tgt Ion:266 Resp: 202684
 Ion Ratio Lower Upper
 266 100
 268 65.7 50.5 75.7
 264 63.5 51.8 77.6





#71
Phenanthrene
Concen: 46.955 ng
RT: 17.345 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

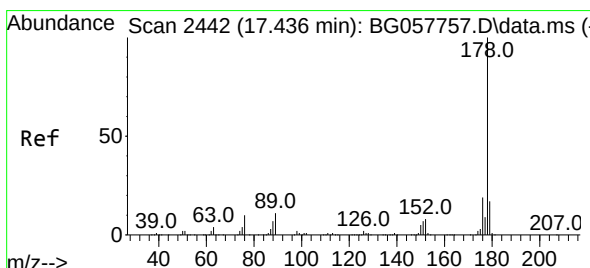
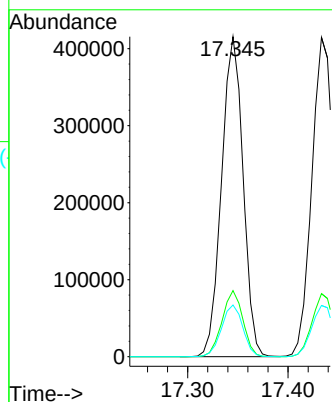
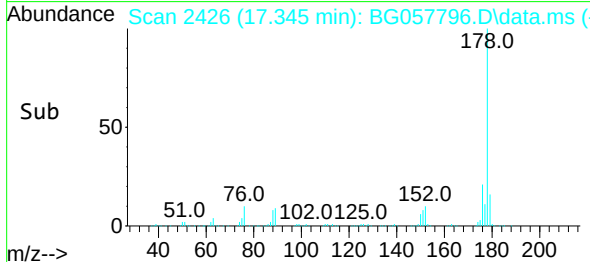
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:178 Resp: 618814
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.1 13.0 19.6

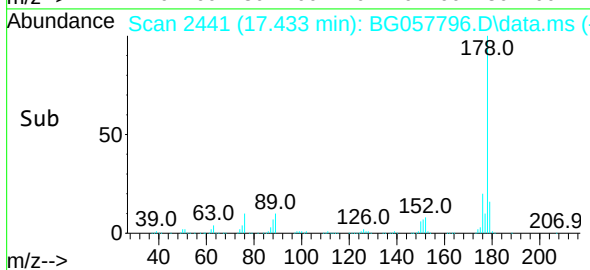
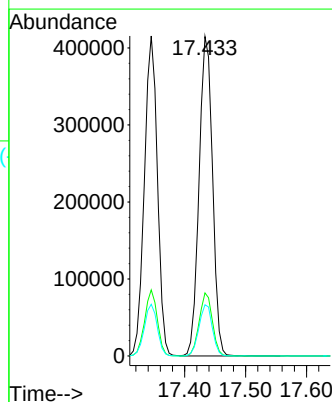
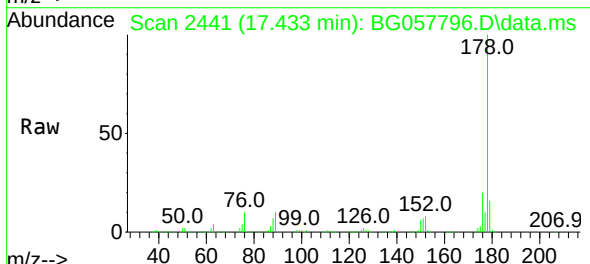
Manual Integrations
APPROVED

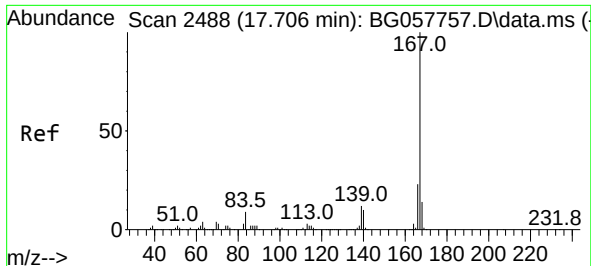
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#72
Anthracene
Concen: 47.194 ng
RT: 17.433 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

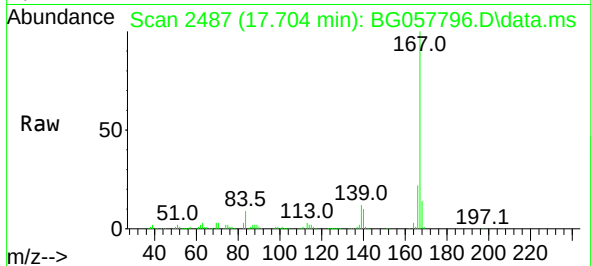
Tgt Ion:178 Resp: 635103
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.0 13.3 19.9





#73
Carbazole
Concen: 48.276 ng
RT: 17.704 min Scan# 2487
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

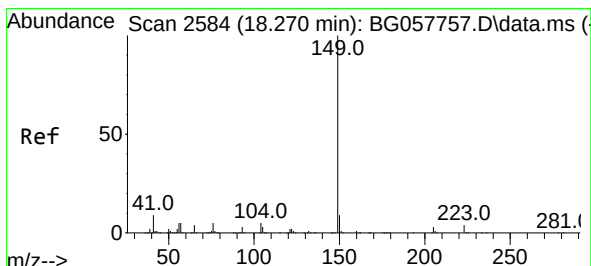
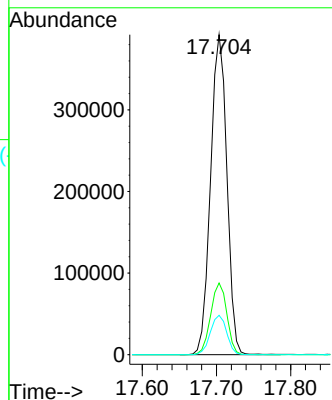
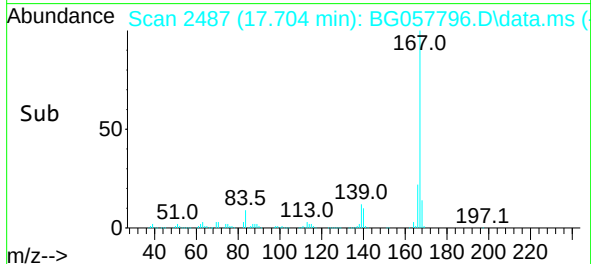
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



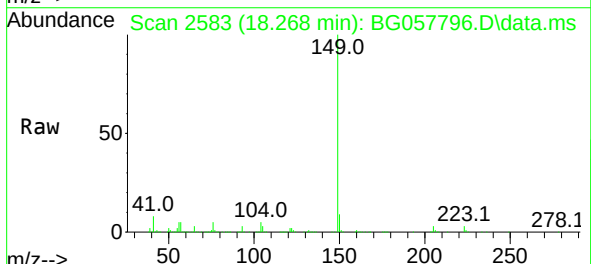
Tgt Ion:167 Resp: 59901
Ion Ratio Lower Upper
167 100
166 22.4 18.4 27.6
139 12.3 9.9 14.9

Manual Integrations
APPROVED

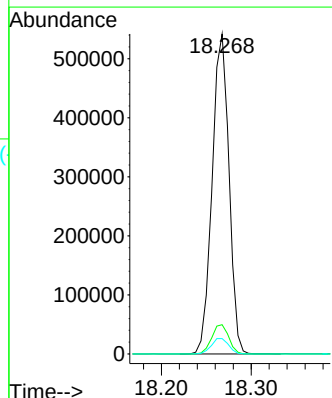
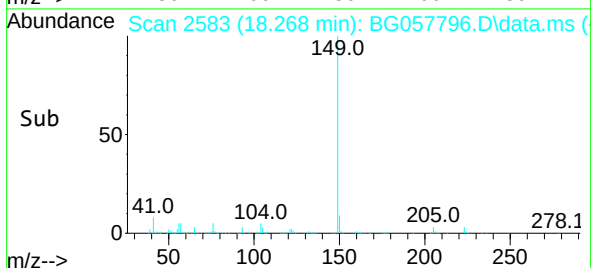
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

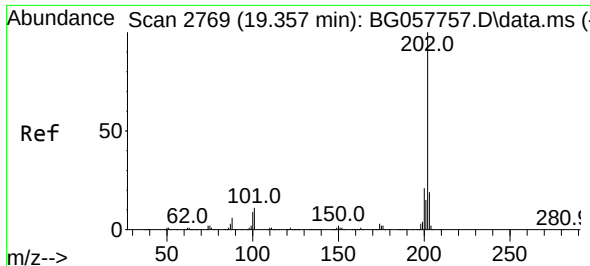


#74
Di-n-butylphthalate
Concen: 48.010 ng
RT: 18.268 min Scan# 2583
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



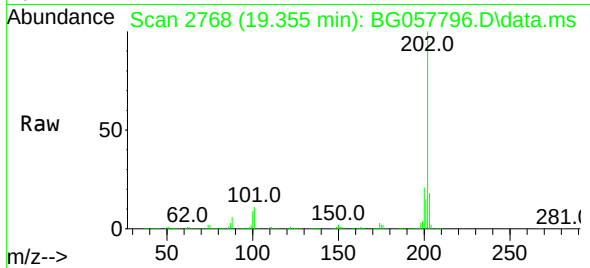
Tgt Ion:149 Resp: 705348
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 46.716 ng
RT: 19.355 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

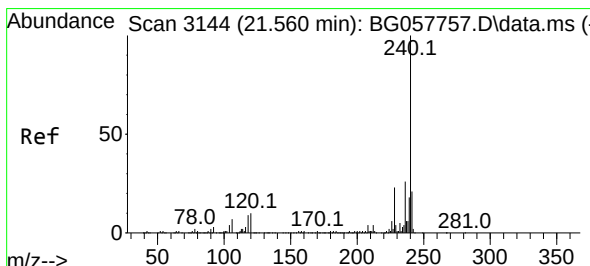
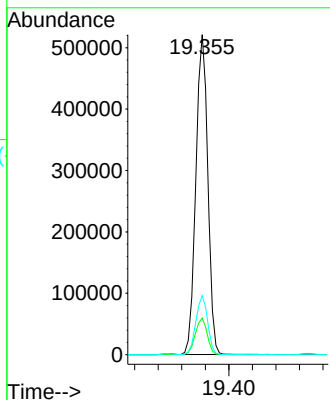
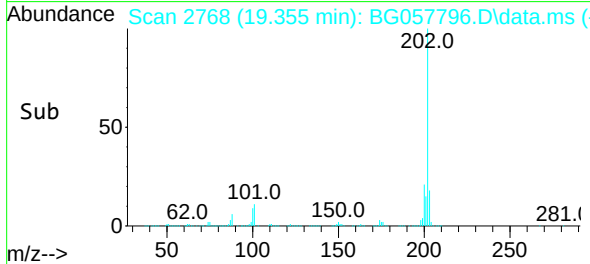
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:202 Resp: 73343
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 18.4 0.0 38.7

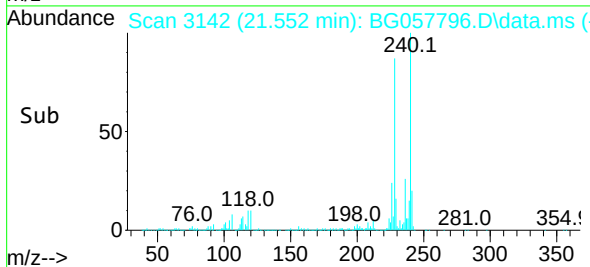
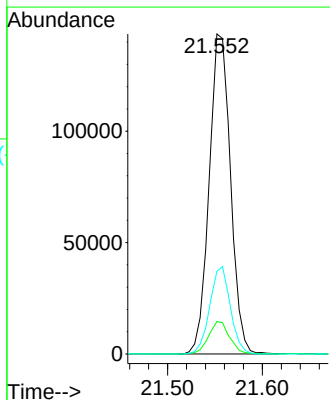
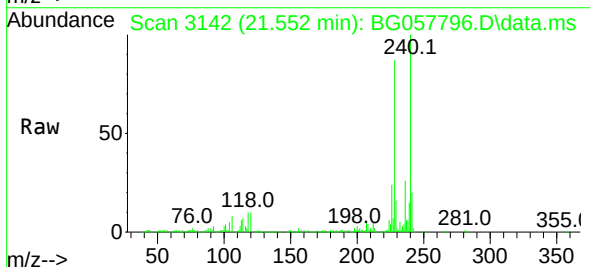
Manual Integrations
APPROVED

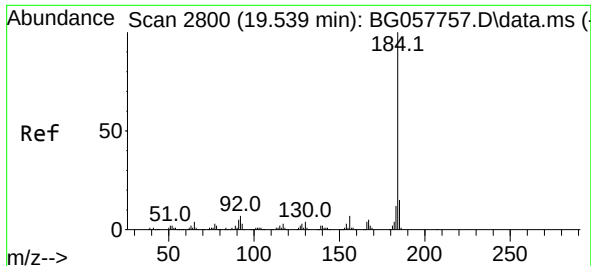
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.552 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

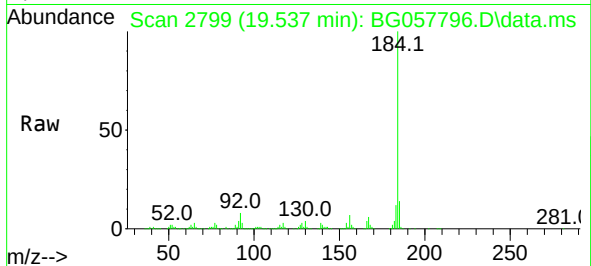
Tgt Ion:240 Resp: 224650
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.8 20.6 30.8





#77
Benzidine
Concen: 79.802 ng
RT: 19.537 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

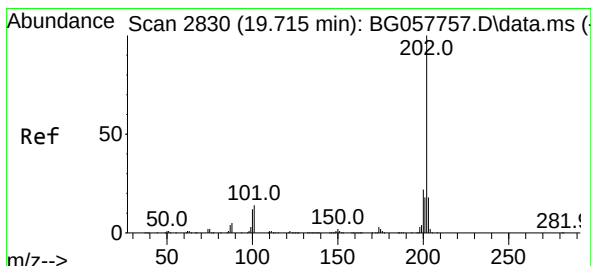
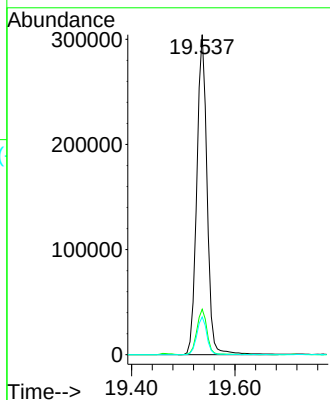
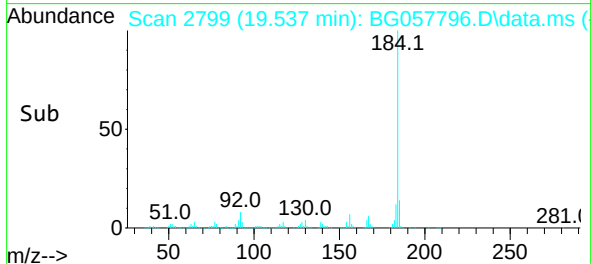
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



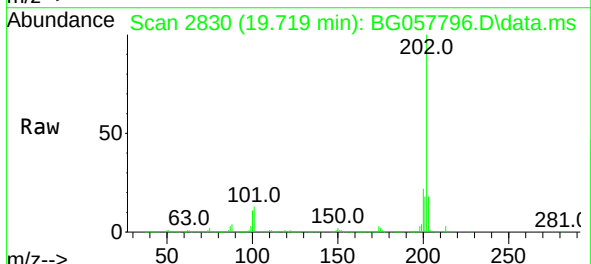
Tgt Ion:184 Resp: 42024
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.8 9.4 14.0

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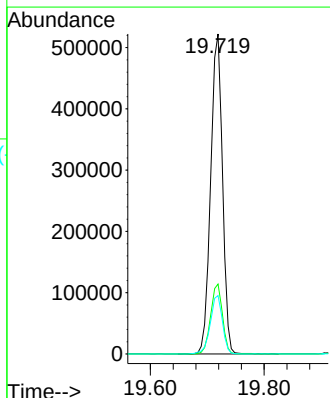
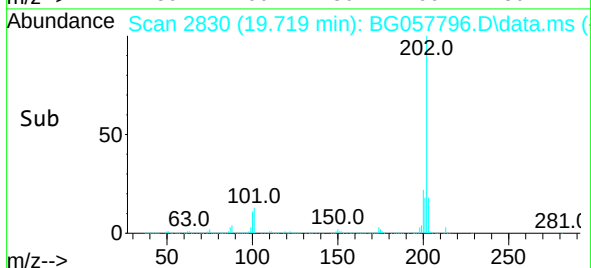
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

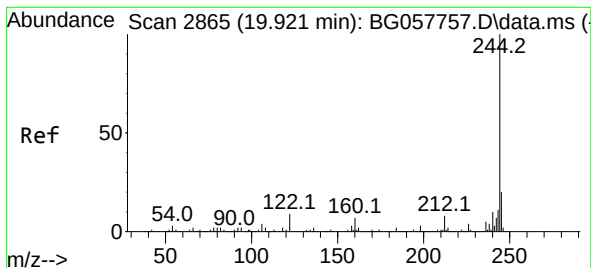


#78
Pyrene
Concen: 46.792 ng
RT: 19.719 min Scan# 2830
Delta R.T. 0.003 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53



Tgt Ion:202 Resp: 749855
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.0
203 18.3 14.6 22.0





#79

Terphenyl-d14

Concen: 69.382 ng

RT: 19.919 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057796.D

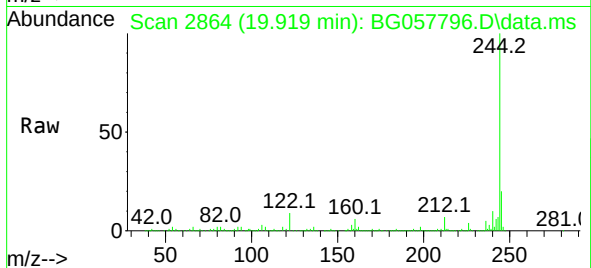
Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD



Tgt Ion:244 Resp: 83589

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

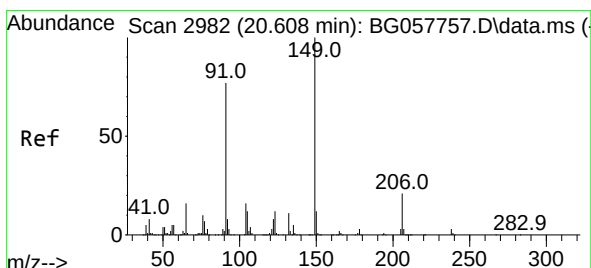
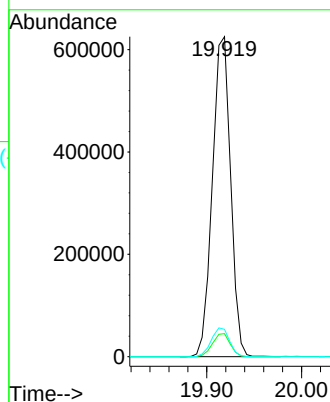
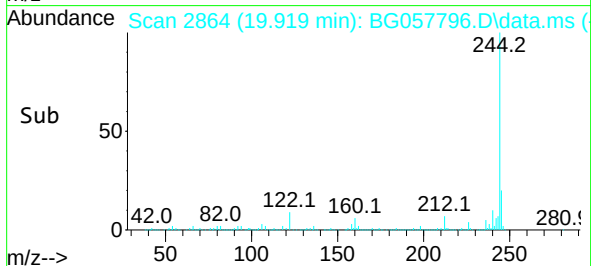
122 8.6 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#80

Butylbenzylphthalate

Concen: 51.737 ng

RT: 20.606 min Scan# 2981

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

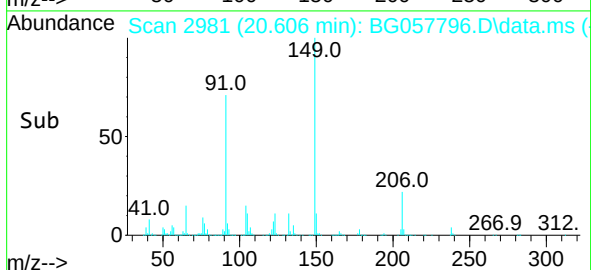
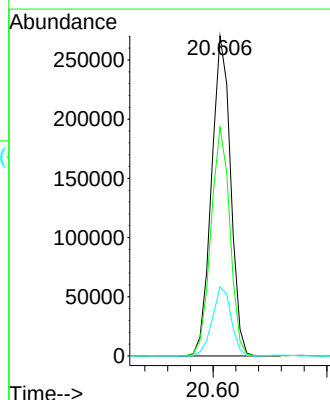
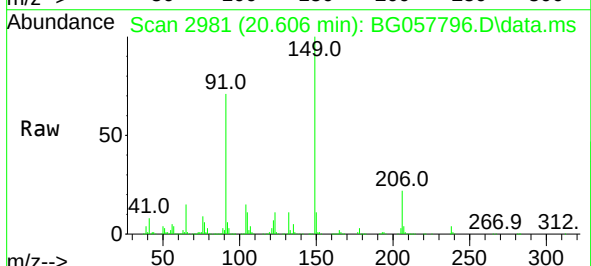
Tgt Ion:149 Resp: 315399

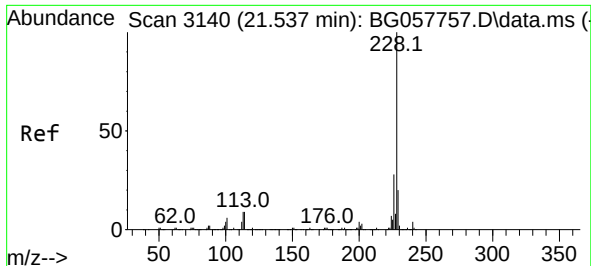
Ion Ratio Lower Upper

149 100

91 71.4 61.7 92.5

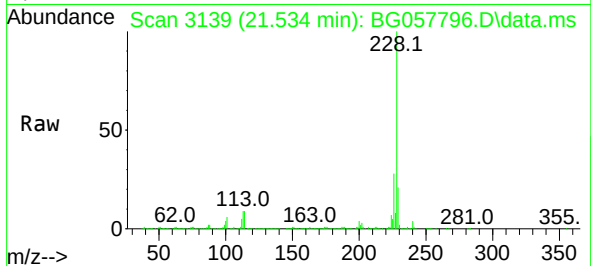
206 21.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 48.213 ng
RT: 21.534 min Scan# 3140
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

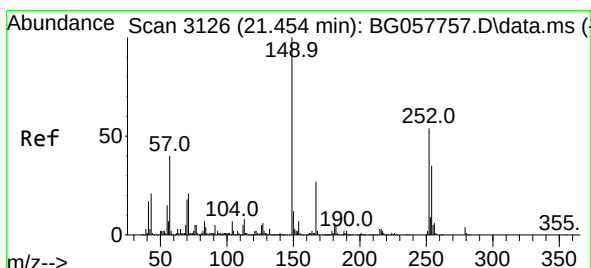
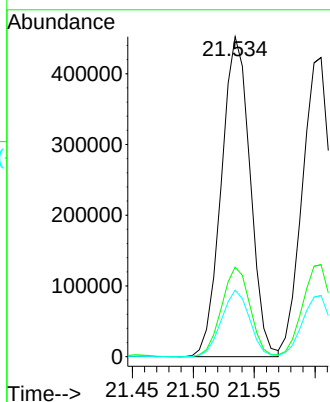
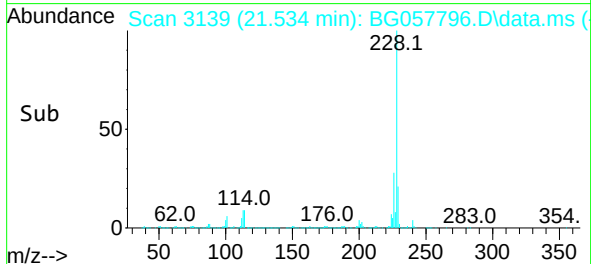
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:228 Resp: 74311
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.8 16.3 24.5

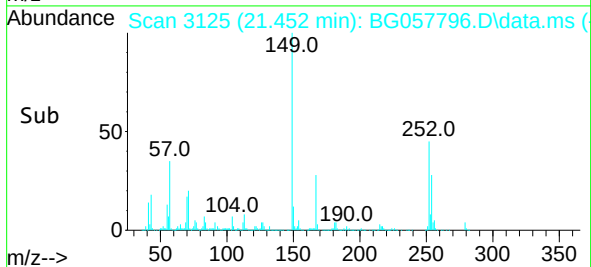
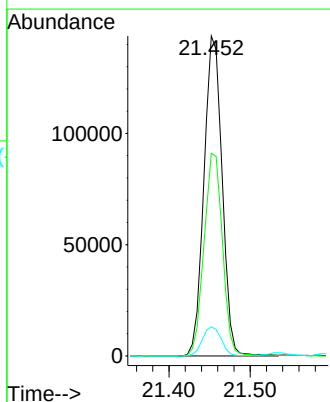
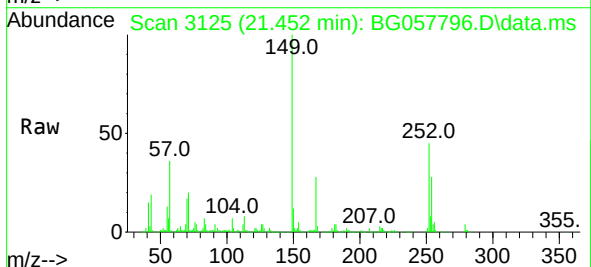
Manual Integrations
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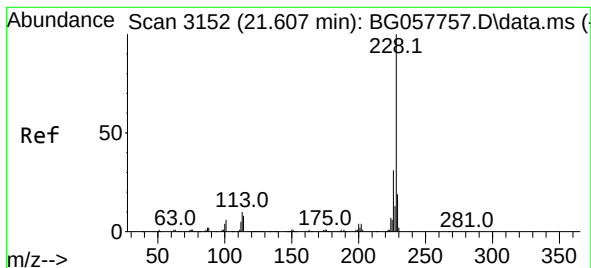
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 42.647 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:252 Resp: 223565
Ion Ratio Lower Upper
252 100
254 63.4 51.0 76.6
126 9.2 7.0 10.6





#83

Chrysene

Concen: 46.823 ng

RT: 21.605 min Scan# 3152

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

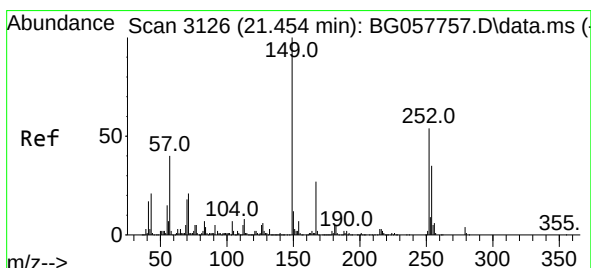
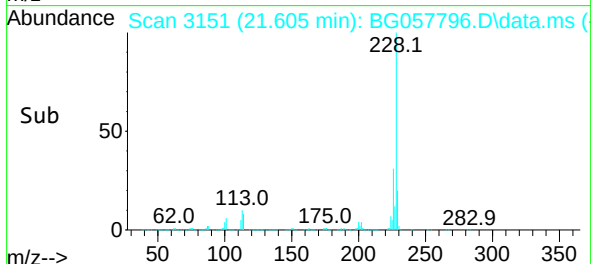
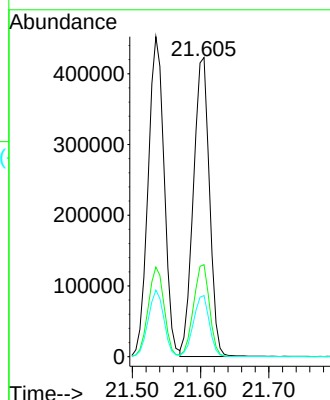
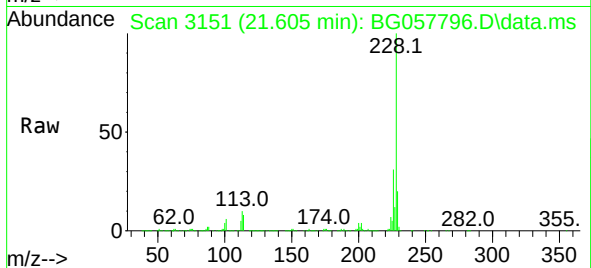
ClientSampleId :

SB-06-12.0-14.0-DUPMSD

Tgt Ion:228 Resp: 692589
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.8 37.2
 229 20.4 15.6 23.4

Manual Integrations
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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.922 ng

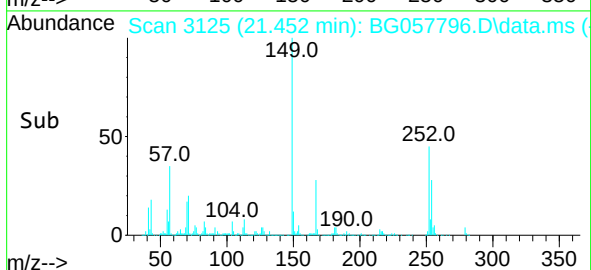
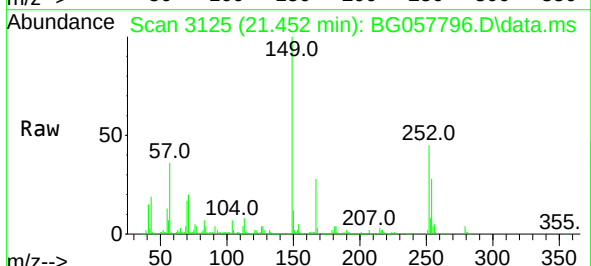
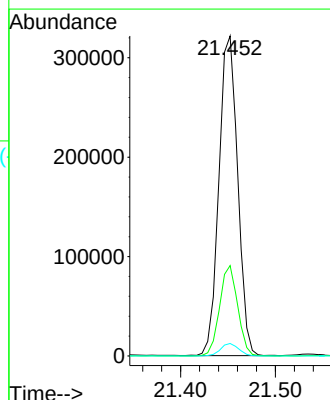
RT: 21.452 min Scan# 3125

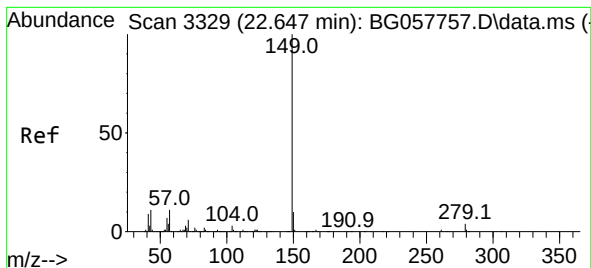
Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Tgt Ion:149 Resp: 441856
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 51.202 ng

RT: 22.639 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD

Tgt Ion:149 Resp: 794880

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

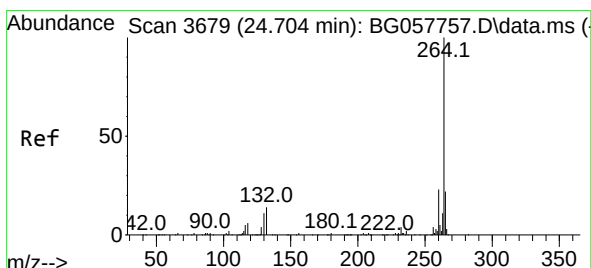
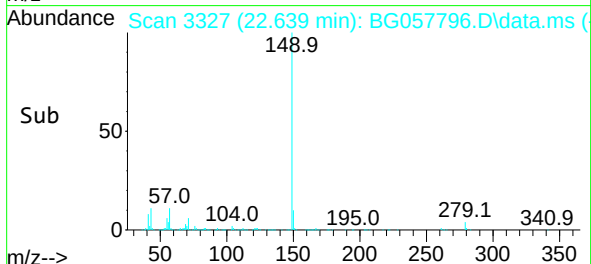
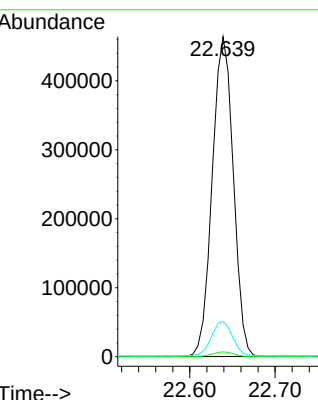
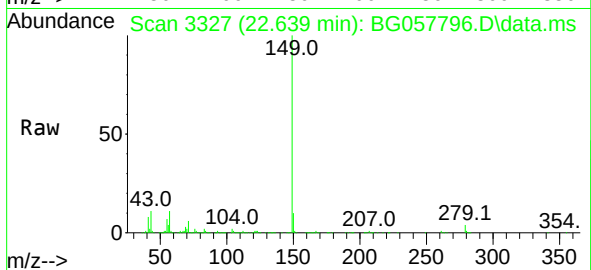
43 10.9 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.701 min Scan# 3678

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

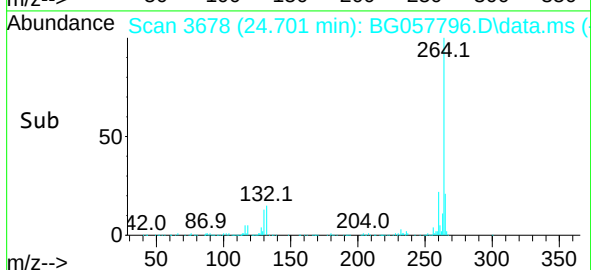
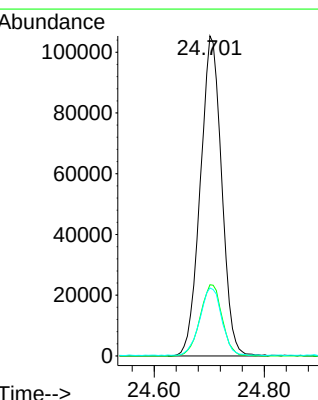
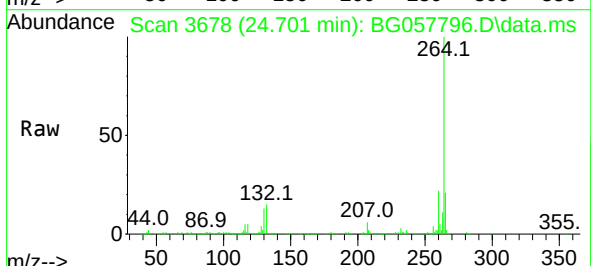
Tgt Ion:264 Resp: 282879

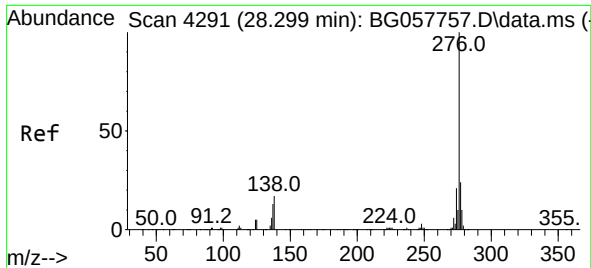
Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

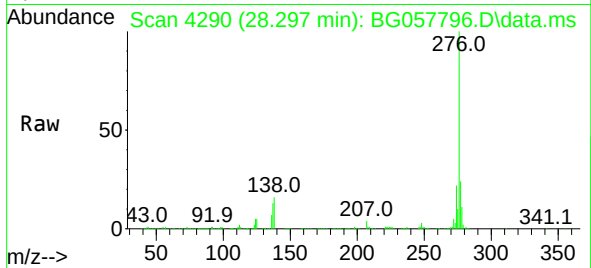
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.451 ng
RT: 28.297 min Scan# 4291
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

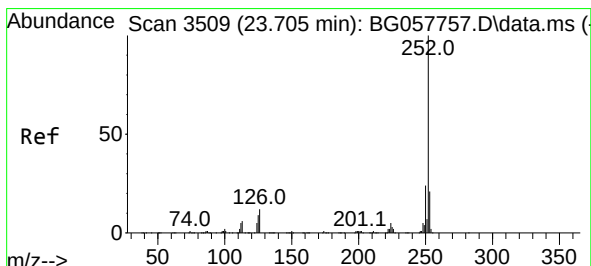
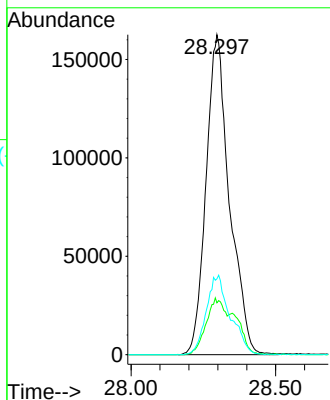
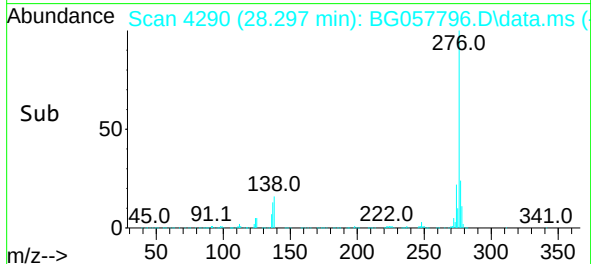
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:276 Resp: 91459
Ion Ratio Lower Upper
276 100
138 14.1 11.3 16.9
277 25.4 20.4 30.6

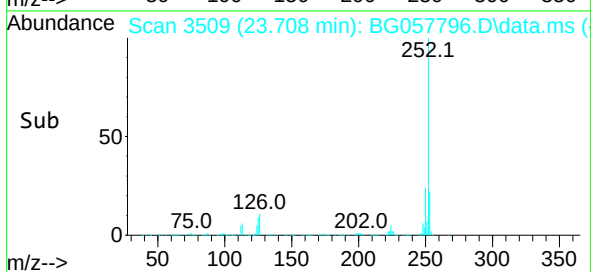
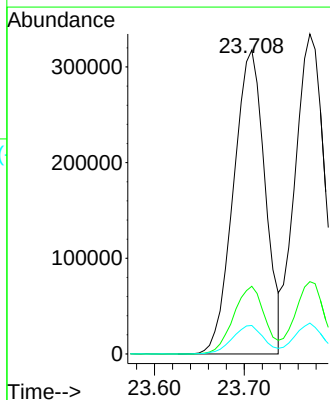
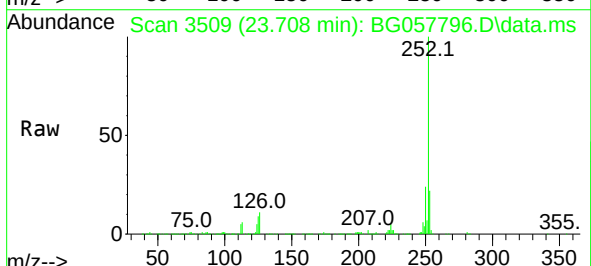
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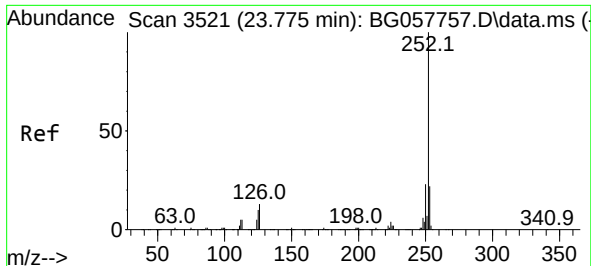
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#88
Benzo(b)fluoranthene
Concen: 50.069 ng
RT: 23.708 min Scan# 3509
Delta R.T. 0.003 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

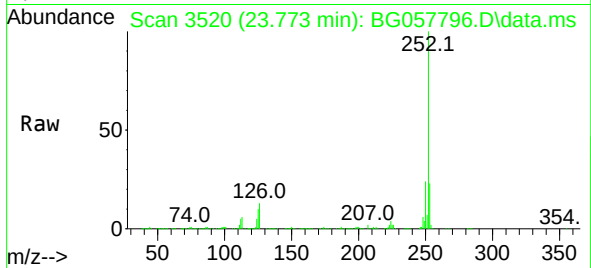
Tgt Ion:252 Resp: 776136
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.4 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 48.547 ng
RT: 23.773 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

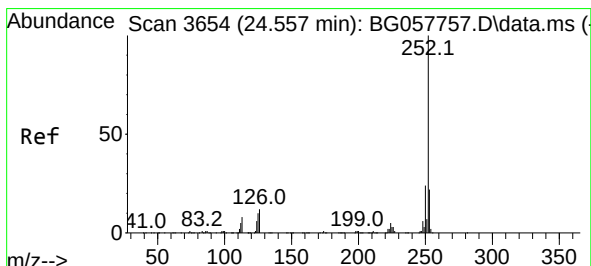
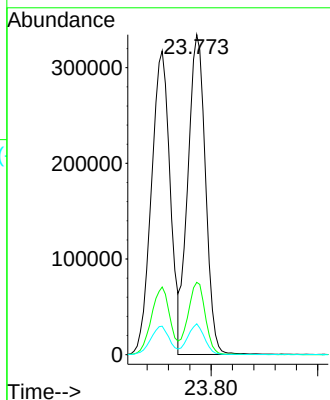
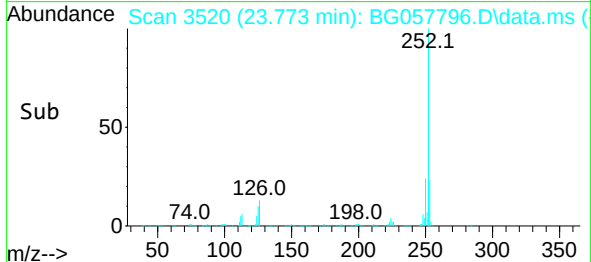
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD



Tgt Ion:252 Resp: 76645
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 9.6 7.6 11.4

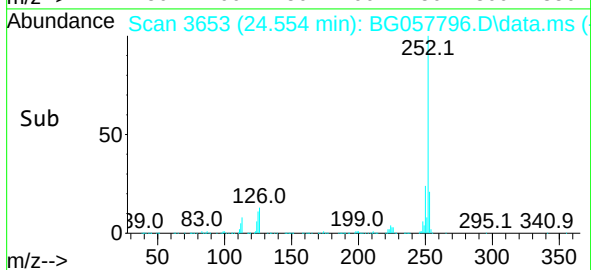
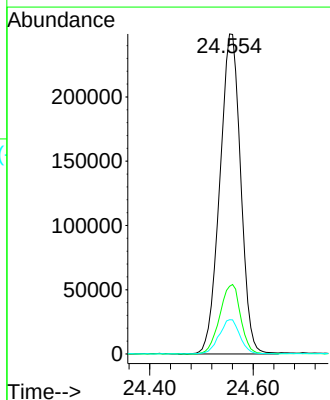
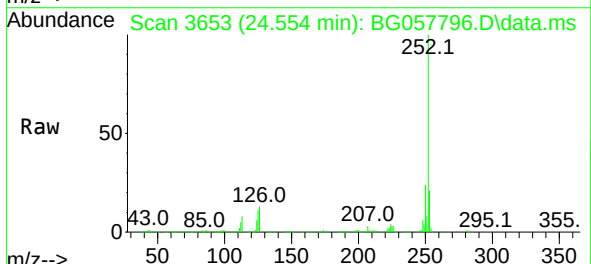
Manual Integrations
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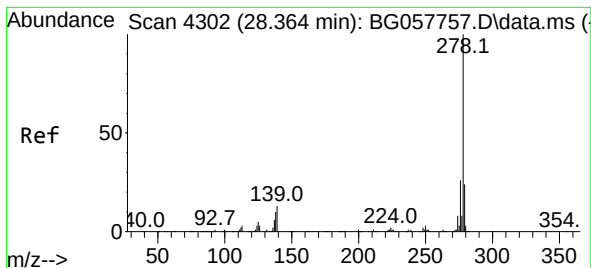
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 45.749 ng
RT: 24.554 min Scan# 3653
Delta R.T. -0.002 min
Lab File: BG057796.D
Acq: 21 Jun 2023 22:53

Tgt Ion:252 Resp: 696486
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 10.7 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 49.690 ng

RT: 28.362 min Scan# 4302

Delta R.T. -0.002 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMSD

Tgt Ion:278 Resp: 76252

Ion Ratio Lower Upper

278 100

139 13.6 10.8 16.2

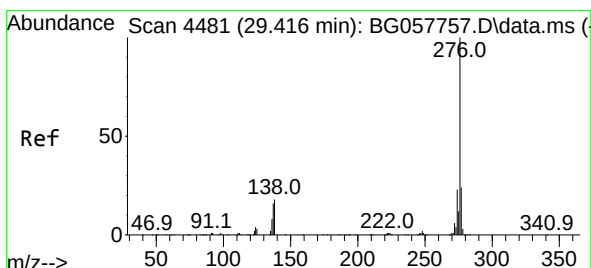
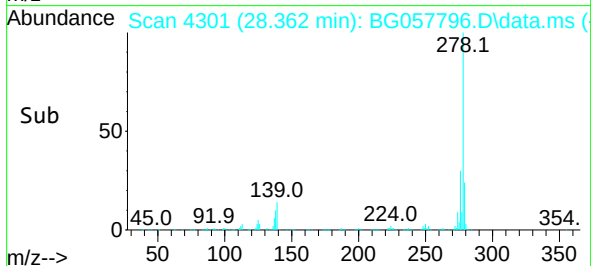
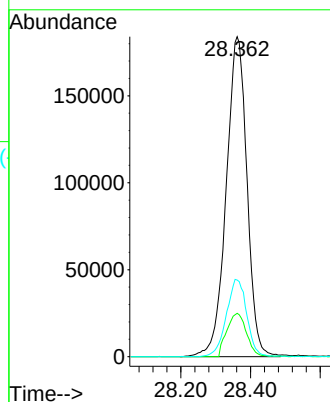
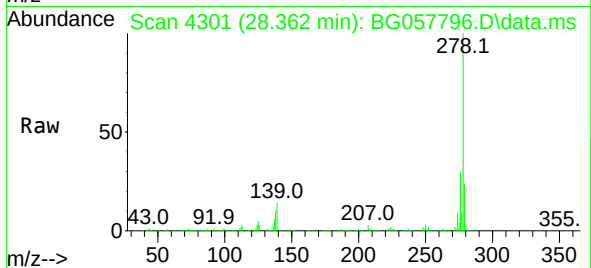
279 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#92

Benzo(g,h,i)perylene

Concen: 48.751 ng

RT: 29.419 min Scan# 4481

Delta R.T. 0.003 min

Lab File: BG057796.D

Acq: 21 Jun 2023 22:53

Tgt Ion:276 Resp: 749071

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 18.5 14.2 21.4

