

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057795.D
 Acq On : 21 Jun 2023 22:12
 Operator : CG/JU
 Sample : 03289-17MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 22 04:54:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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	7.920	152	27772	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	130039	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	99955	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	262062	20.000	ng	0.00
76) Chrysene-d12	21.557	240	222173	20.000	ng	0.00
86) Perylene-d12	24.706	264	278440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	171958	95.471	ng	0.00
7) Phenol-d6	7.085	99	244147	88.836	ng	0.00
23) Nitrobenzene-d5	9.083	82	140241	55.350	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	143855	103.317	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	345858	52.481	ng	0.00
79) Terphenyl-d14	19.917	244	798510	67.018	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	34198	41.711	ng	94
3) Pyridine	3.789	79	90935	36.416	ng	94
4) n-Nitrosodimethylamine	3.707	42	49296	43.204	ng	83
6) Aniline	7.244	93	152759	43.410	ng	100
8) 2-Chlorophenol	7.485	128	100732	54.363	ng	96
9) Benzaldehyde	7.062	77	58264m	33.716	ng	
10) Phenol	7.109	94	148959	55.049	ng	98
11) bis(2-Chloroethyl)ether	7.344	93	95584	45.943	ng	93
12) 1,3-Dichlorobenzene	7.808	146	95617	50.706	ng	96
13) 1,4-Dichlorobenzene	7.955	146	95649	50.060	ng	96
14) 1,2-Dichlorobenzene	8.278	146	93342	50.487	ng	97
15) Benzyl Alcohol	8.161	79	104894	49.916	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.449	45	169036	42.295	ng	97
17) 2-Methylphenol	8.360	107	99302	49.895	ng	98
18) Hexachloroethane	9.007	117	34376	51.023	ng	99
19) n-Nitroso-di-n-propyla...	8.725	70	84988	44.356	ng	96
20) 3+4-Methylphenols	8.689	107	138637	50.429	ng	98
22) Acetophenone	8.742	105	166176	45.570	ng	# 97
24) Nitrobenzene	9.124	77	120590	45.730	ng	95
25) Isophorone	9.647	82	254056	43.889	ng	99
26) 2-Nitrophenol	9.835	139	53393	63.644	ng	100
27) 2,4-Dimethylphenol	9.894	122	105636	50.858	ng	98
28) bis(2-Chloroethoxy)met...	10.129	93	141366	45.348	ng	100
29) 2,4-Dichlorophenol	10.370	162	103774	52.613	ng	98
30) 1,2,4-Trichlorobenzene	10.587	180	103219	46.948	ng	99
31) Naphthalene	10.775	128	312942	45.216	ng	100
32) Benzoic acid	10.029	122	93230	60.965	ng	98
33) 4-Chloroaniline	10.881	127	118577	36.976	ng	97
34) Hexachlorobutadiene	11.057	225	61857	46.116	ng	99
35) Caprolactam	11.651	113	44007m	54.982	ng	
36) 4-Chloro-3-methylphenol	12.003	107	136660	53.052	ng	99
37) 2-Methylnaphthalene	12.385	142	225482	44.696	ng	99
38) 1-Methylnaphthalene	12.603	142	214816	45.109	ng	99
40) 1,2,4,5-Tetrachloroben...	12.749	216	124127	44.795	ng	99
41) Hexachlorocyclopentadiene	12.732	237	150929	102.593	ng	99
43) 2,4,6-Trichlorophenol	12.990	196	99421	50.108	ng	99

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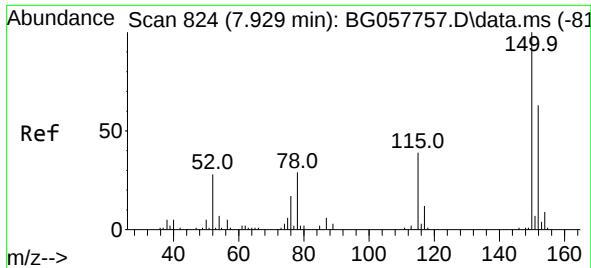
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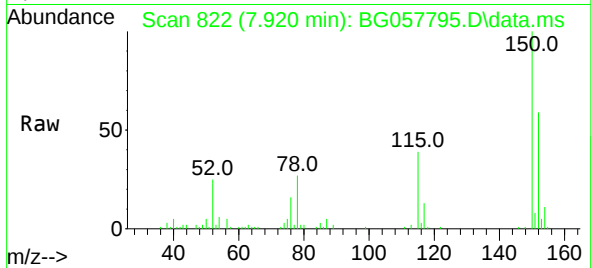
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.061	196	110578	47.811	ng	96
46) 1,1'-Biphenyl	13.390	154	307589	44.817	ng	99
47) 2-Chloronaphthalene	13.437	162	243058	46.098	ng	96
48) 2-Nitroaniline	13.637	65	99811	53.268	ng	95
49) Acenaphthylene	14.283	152	409728	45.273	ng	100
50) Dimethylphthalate	14.013	163	351073	45.730	ng	99
51) 2,6-Dinitrotoluene	14.130	165	77000	54.466	ng	94
52) Acenaphthene	14.624	154	295554m	52.752	ng	
53) 3-Nitroaniline	14.459	138	73230	45.965	ng	96
54) 2,4-Dinitrophenol	14.665	184	97258	125.947	ng	99
55) Dibenzofuran	14.959	168	412020	45.736	ng	99
56) 4-Nitrophenol	14.771	139	151082	119.325	ng	94
57) 2,4-Dinitrotoluene	14.917	165	114839	59.902	ng	94
58) Fluorene	15.605	166	333052	46.704	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	106868	54.220	ng	100
60) Diethylphthalate	15.376	149	370288	47.014	ng	97
61) 4-Chlorophenyl-phenyle...	15.599	204	175926	46.397	ng	96
62) 4-Nitroaniline	15.628	138	89045	54.824	ng	96
63) Azobenzene	15.893	77	379798	47.142	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	70127	57.117	ng	94
66) n-Nitrosodiphenylamine	15.811	169	302876	43.790	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	120986	43.532	ng	97
68) Hexachlorobenzene	16.604	284	136987	48.349	ng	99
69) Atrazine	16.762	200	129477	54.533	ng	97
70) Pentachlorophenol	16.950	266	188336	89.978	ng	97
71) Phenanthrene	17.344	178	578648	45.604	ng	99
72) Anthracene	17.432	178	587981	45.381	ng	99
73) Carbazole	17.702	167	567637	47.515	ng	98
74) Di-n-butylphthalate	18.266	149	676367	47.816	ng	100
75) Fluoranthene	19.353	202	698521	46.211	ng	99
77) Benzidine	19.536	184	425171	81.639	ng	99
78) Pyrene	19.718	202	712107	44.932	ng	100
80) Butylbenzylphthalate	20.605	149	296188	49.128	ng	100
81) Benzo(a)anthracene	21.539	228	706190	46.328	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	209831	40.473	ng	99
83) Chrysene	21.604	228	654199	44.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	418051	47.759	ng	100
85) Di-n-octyl phthalate	22.638	149	757932	49.366	ng	97
87) Indeno(1,2,3-cd)pyrene	28.290	276	864692	47.498	ng	# 95
88) Benzo(b)fluoranthene	23.707	252	724494	47.482	ng	99
89) Benzo(k)fluoranthene	23.772	252	726488	46.749	ng	100
90) Benzo(a)pyrene	24.559	252	659105	43.984	ng	100
91) Dibenzo(a,h)anthracene	28.361	278	718677	47.579	ng	98
92) Benzo(g,h,i)perylene	29.424	276	702323	46.437	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

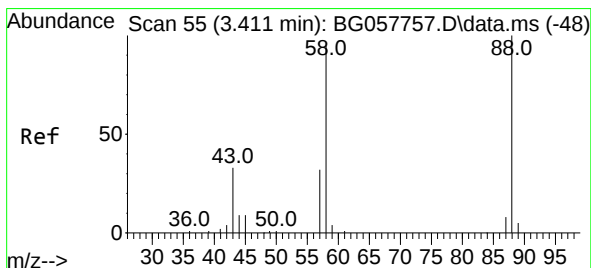
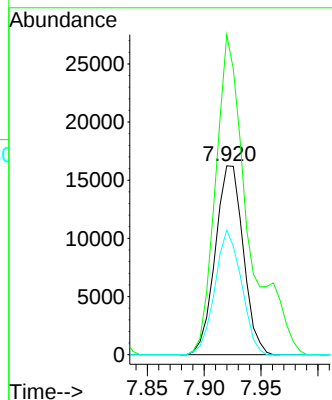
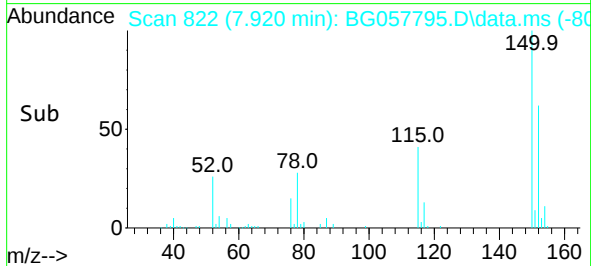
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:152 Resp: 2777
Ion Ratio Lower Upper
152 100
150 169.4 126.6 189.8
115 65.9 48.9 73.3

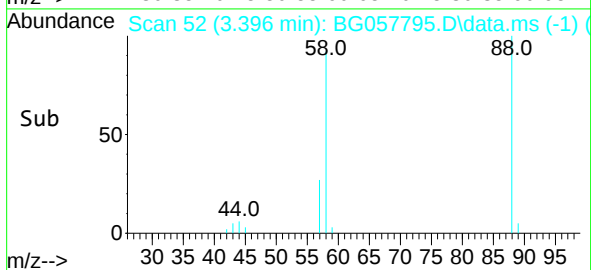
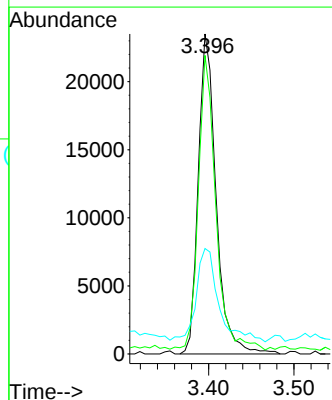
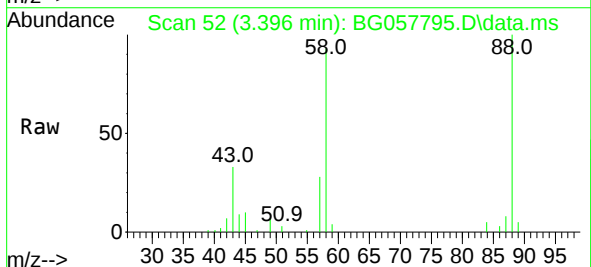
Manual Integrations
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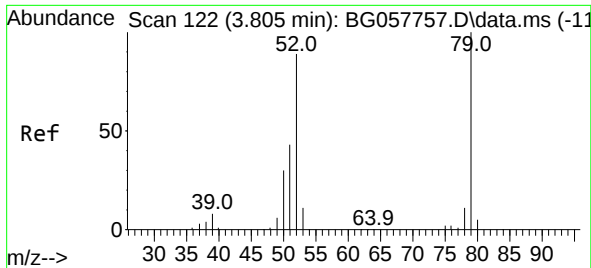
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#2
1,4-Dioxane
Concen: 41.711 ng
RT: 3.396 min Scan# 52
Delta R.T. -0.015 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

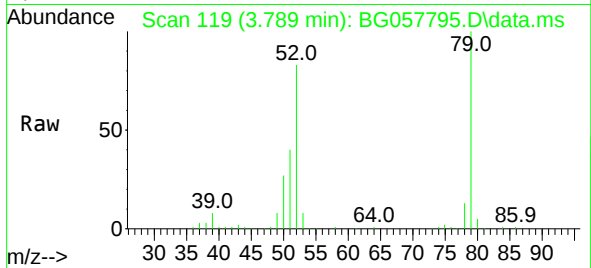
Tgt Ion: 88 Resp: 34198
Ion Ratio Lower Upper
88 100
58 90.0 76.2 114.4
43 36.8 26.3 39.5





#3
Pyridine
Concen: 36.416 ng
RT: 3.789 min Scan# 110
Delta R.T. -0.016 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

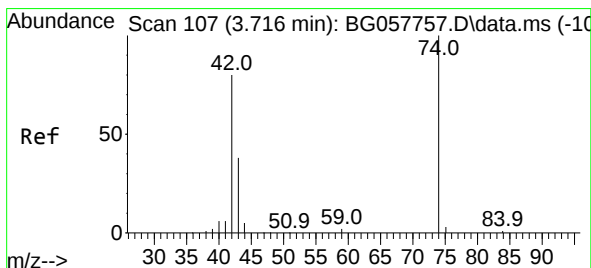
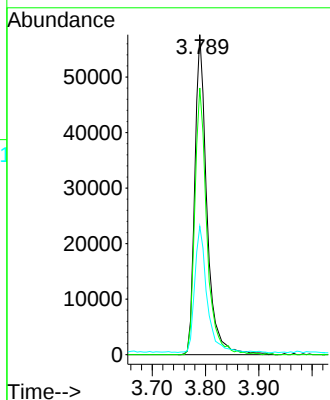
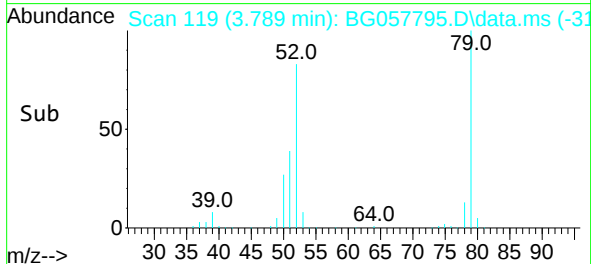
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



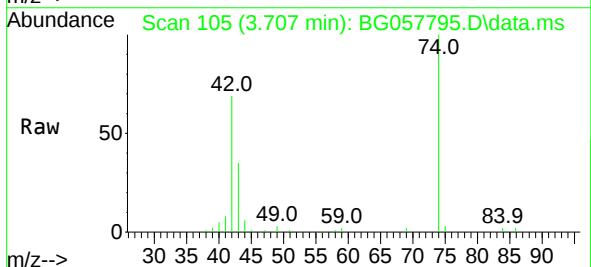
Tgt Ion: 79 Resp: 90935
Ion Ratio Lower Upper
79 100
52 83.4 71.4 107.0
51 40.1 34.9 52.3

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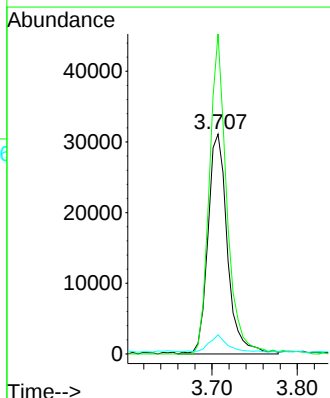
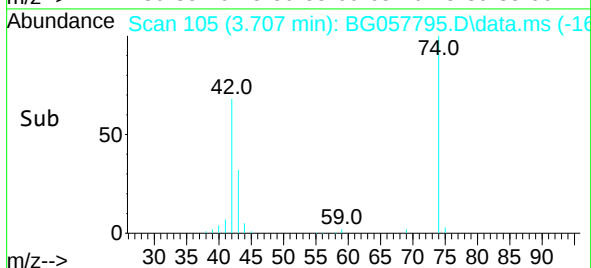
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

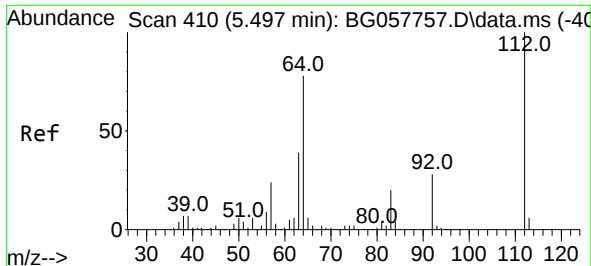


#4
n-Nitrosodimethylamine
Concen: 43.204 ng
RT: 3.707 min Scan# 105
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



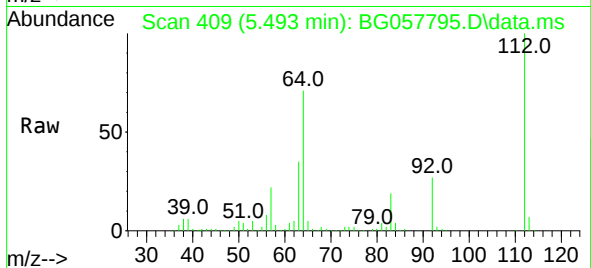
Tgt Ion: 42 Resp: 49296
Ion Ratio Lower Upper
42 100
74 145.5 99.9 149.9
44 8.7 6.0 9.0





#5
2-Fluorophenol
Concen: 95.471 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

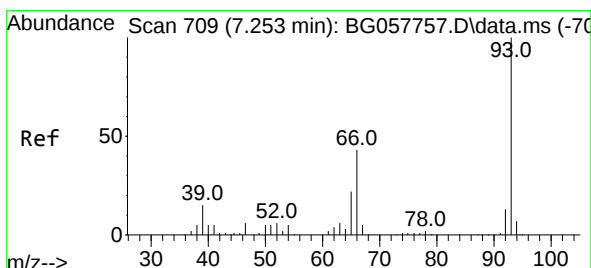
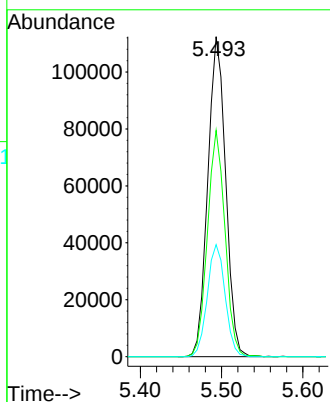
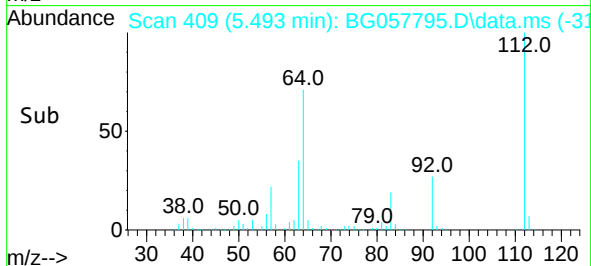
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:112 Resp: 171958
Ion Ratio Lower Upper
112 100
64 70.7 62.1 93.1
63 35.0 31.5 47.3

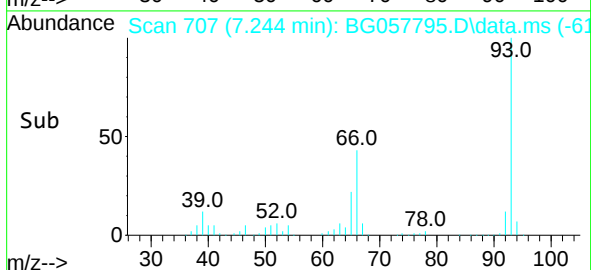
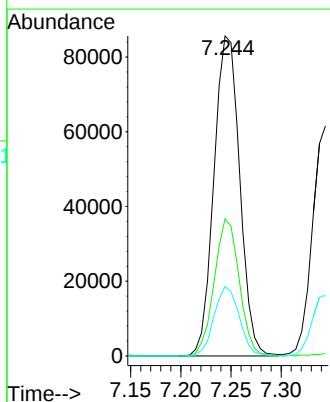
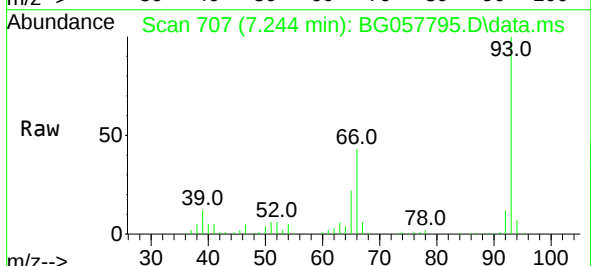
Manual Integrations
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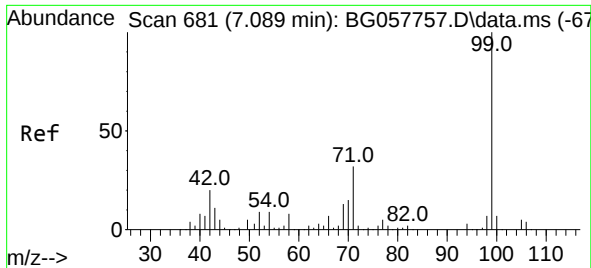
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#6
Aniline
Concen: 43.410 ng
RT: 7.244 min Scan# 707
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

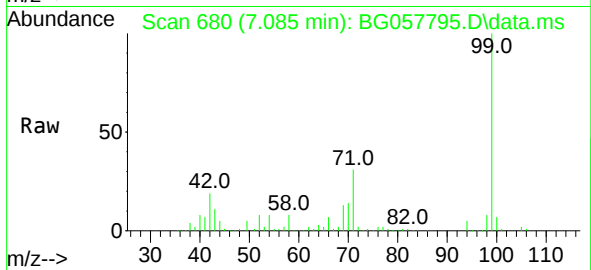
Tgt Ion: 93 Resp: 152759
Ion Ratio Lower Upper
93 100
66 42.9 34.5 51.7
65 21.7 17.4 26.2





#7
Phenol-d6
Concen: 88.836 ng
RT: 7.085 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

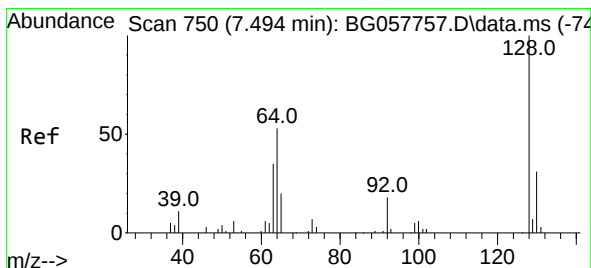
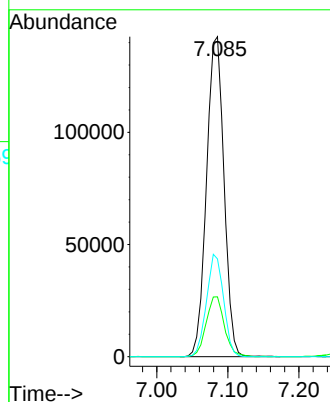
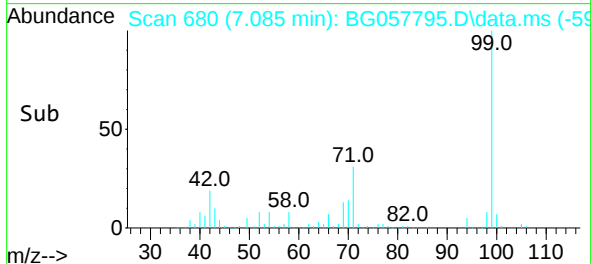
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Tgt Ion: 99 Resp: 24414
Ion Ratio Lower Upper
99 100
42 18.7 16.4 24.6
71 30.6 25.8 38.6

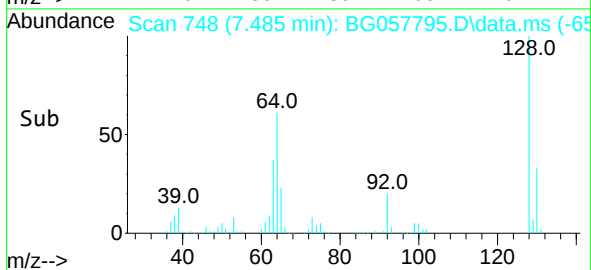
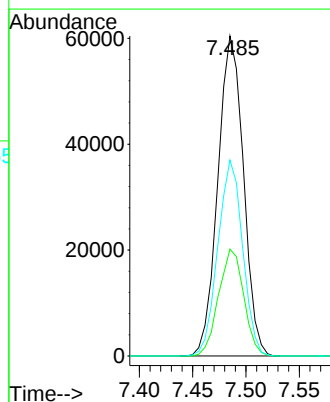
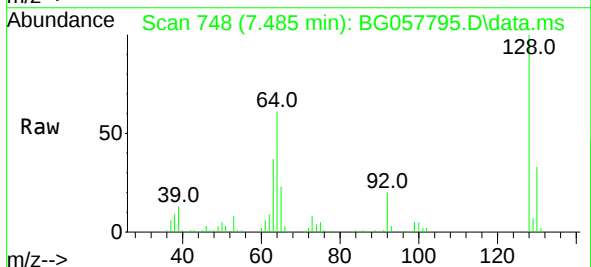
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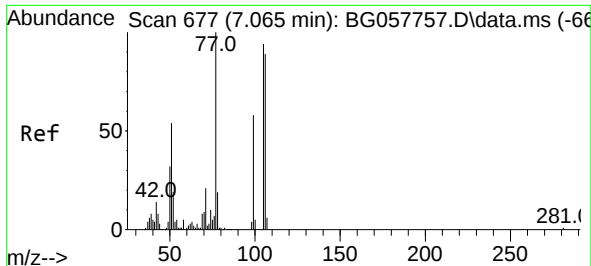
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#8
2-Chlorophenol
Concen: 54.363 ng
RT: 7.485 min Scan# 748
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

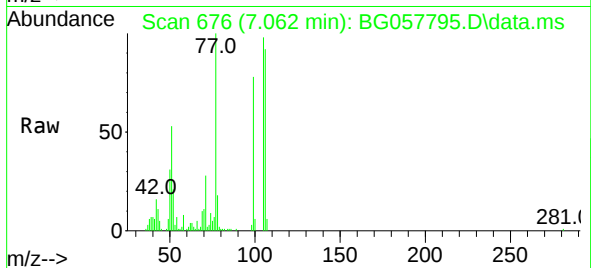
Tgt Ion:128 Resp: 100732
Ion Ratio Lower Upper
128 100
130 33.4 10.6 50.6
64 61.2 39.1 79.1





#9
Benzaldehyde
Concen: 33.716 ng m
RT: 7.062 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

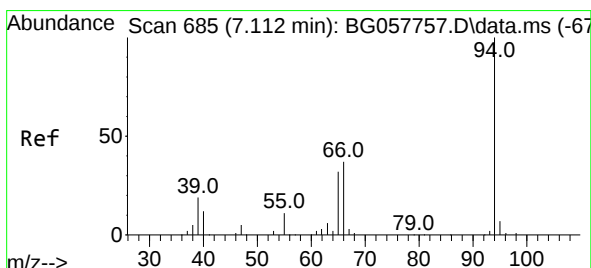
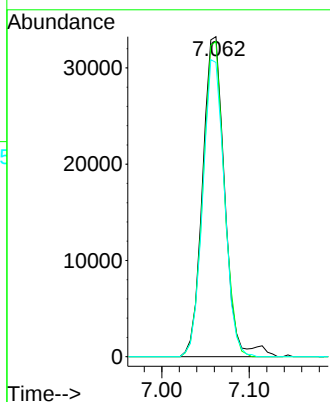
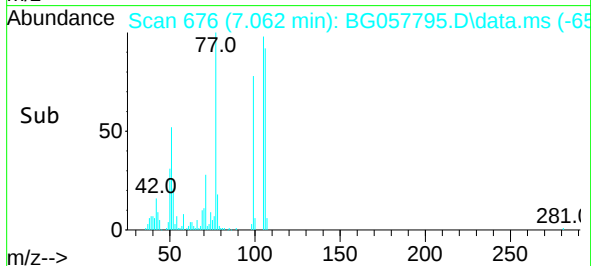
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 58264
Ion Ratio Lower Upper
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105 98.5 73.7 113.7
106 91.9 69.0 109.0

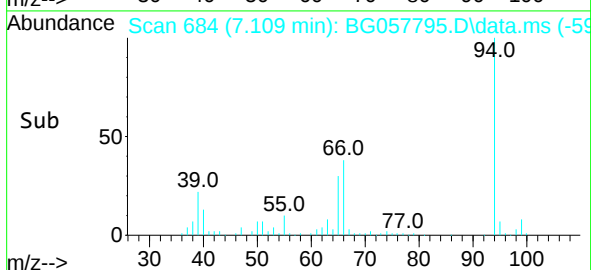
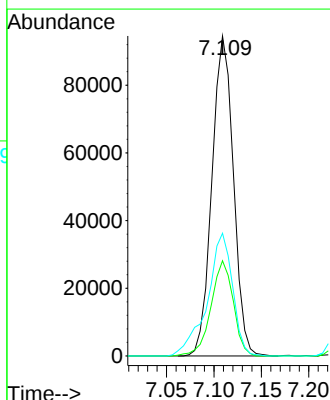
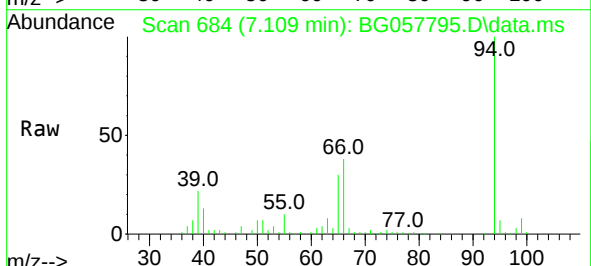
Manual Integrations
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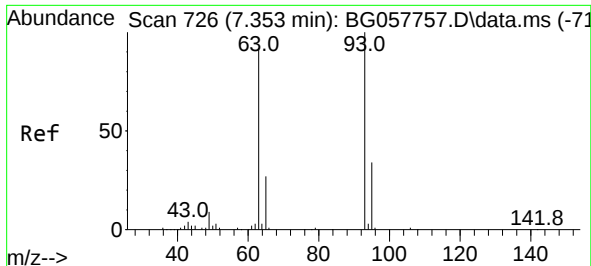
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Phenol
Concen: 55.049 ng
RT: 7.109 min Scan# 684
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

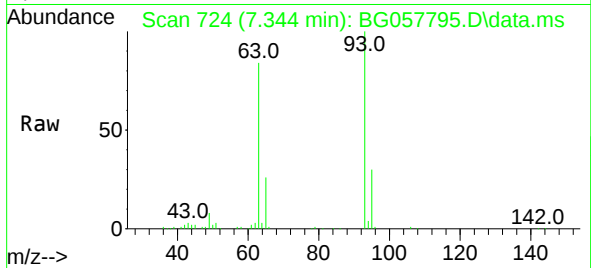
Tgt Ion: 94 Resp: 148959
Ion Ratio Lower Upper
94 100
65 29.8 12.2 52.2
66 38.3 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 45.943 ng
RT: 7.344 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

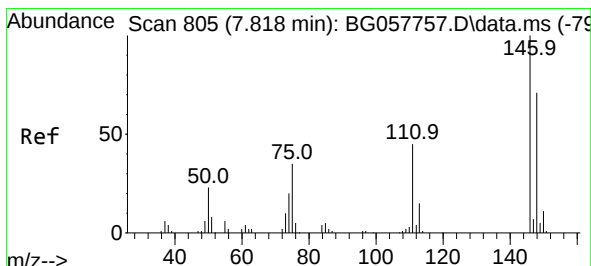
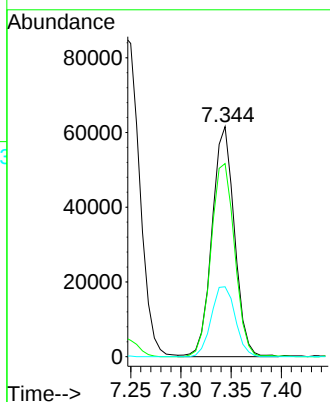
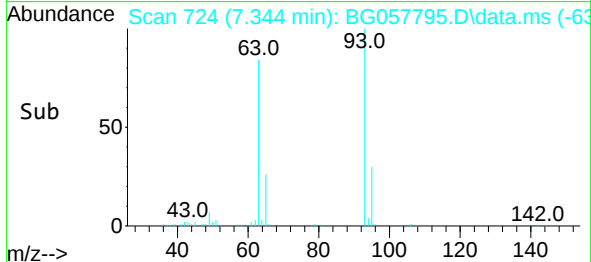
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



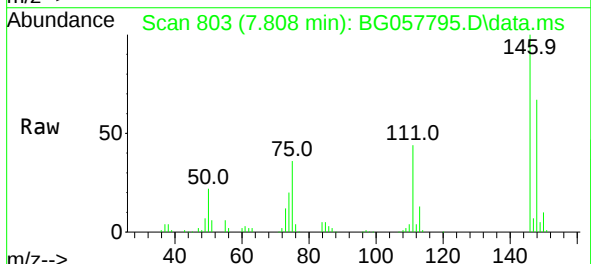
Tgt Ion: 93 Resp: 95584
Ion Ratio Lower Upper
93 100
63 83.9 71.2 111.2
95 30.4 14.2 54.2

Manual Integrations
APPROVED

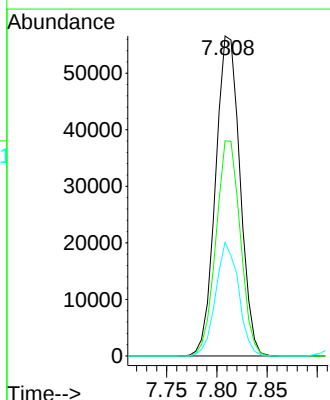
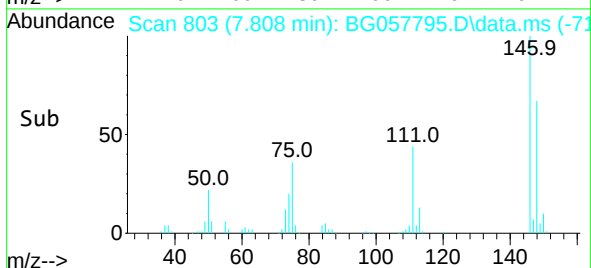
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

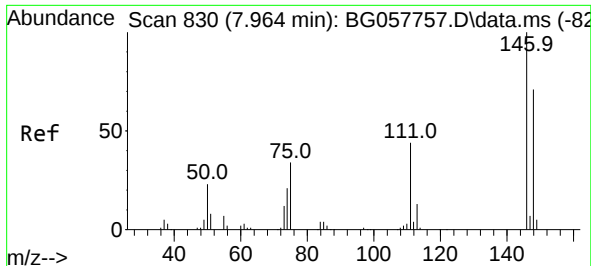


#12
1,3-Dichlorobenzene
Concen: 50.706 ng
RT: 7.808 min Scan# 803
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



Tgt Ion:146 Resp: 95617
Ion Ratio Lower Upper
146 100
148 67.3 57.0 85.6
75 35.5 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 50.060 ng

RT: 7.955 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMS

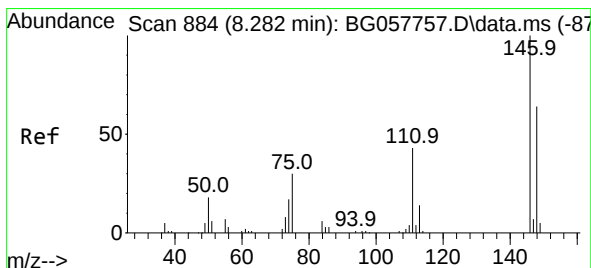
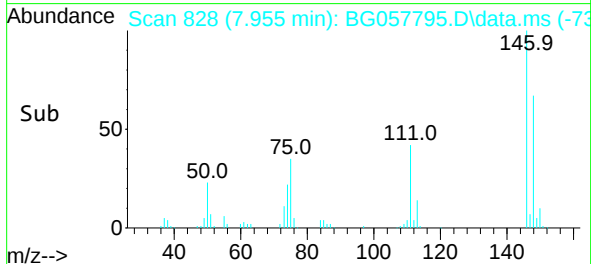
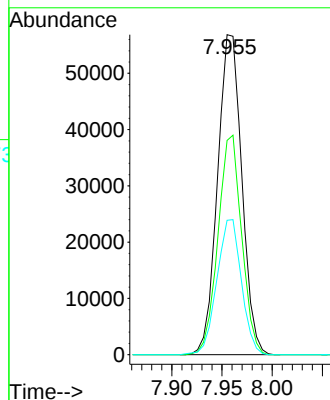
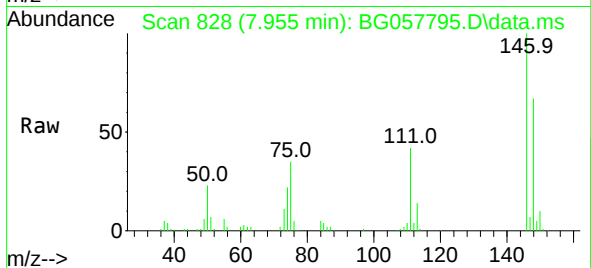
Tgt Ion:146 Resp: 95649
 Ion Ratio Lower Upper
 146 100
 148 67.0 57.0 85.4
 111 42.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#14

1,2-Dichlorobenzene

Concen: 50.487 ng

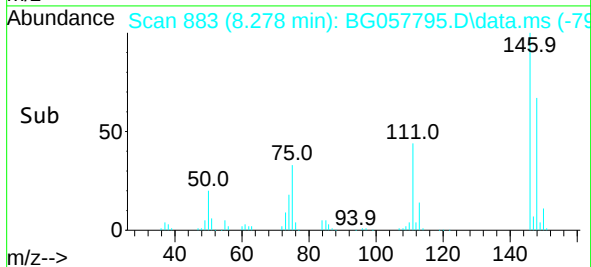
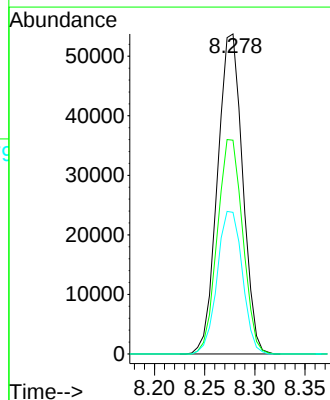
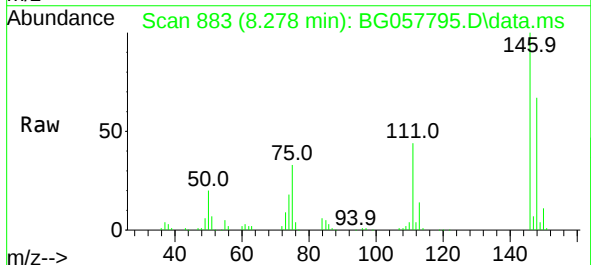
RT: 8.278 min Scan# 883

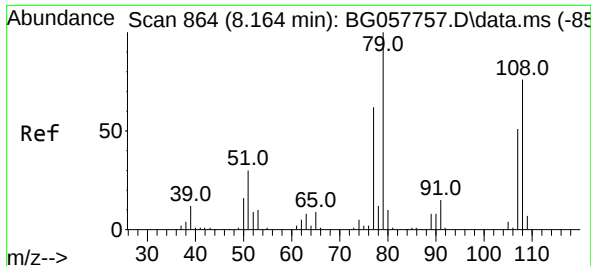
Delta R.T. -0.004 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

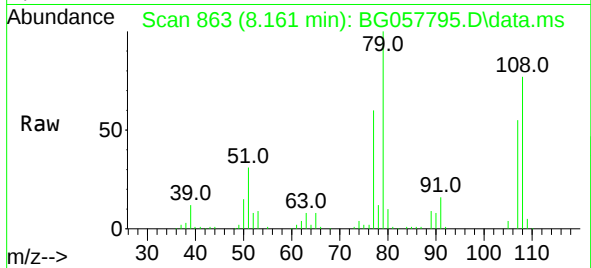
Tgt Ion:146 Resp: 93342
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.0 76.6
 111 44.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 49.916 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

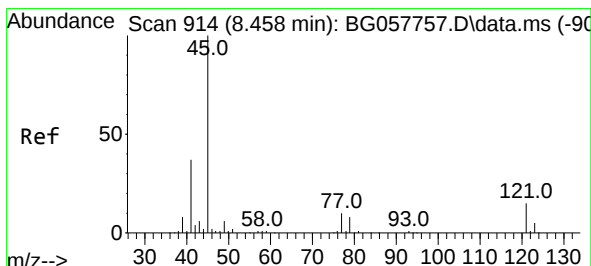
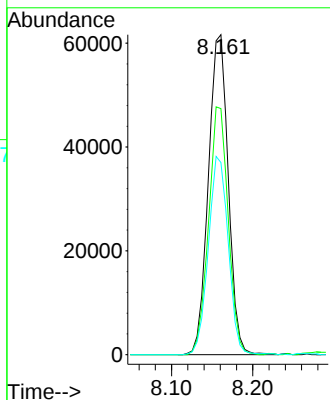
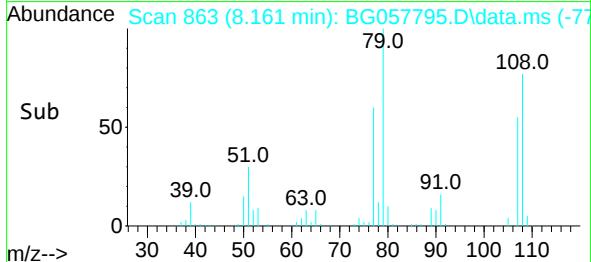
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



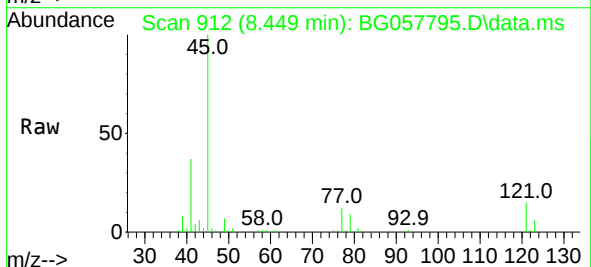
Tgt Ion: 79 Resp: 104894
Ion Ratio Lower Upper
79 100
108 76.9 60.5 90.7
77 60.1 49.3 73.9

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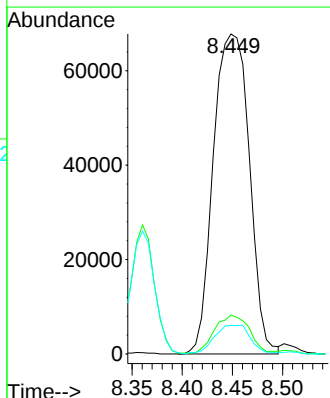
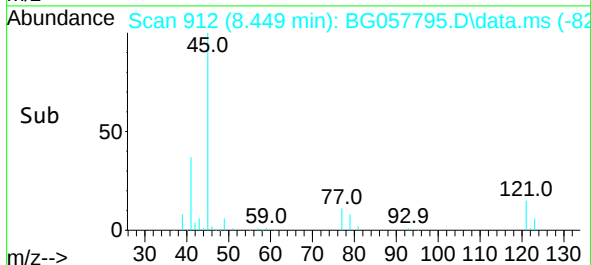
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

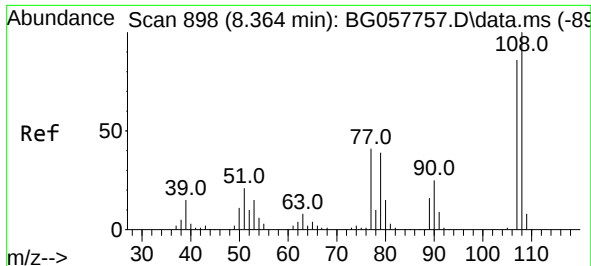


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.295 ng
RT: 8.449 min Scan# 912
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



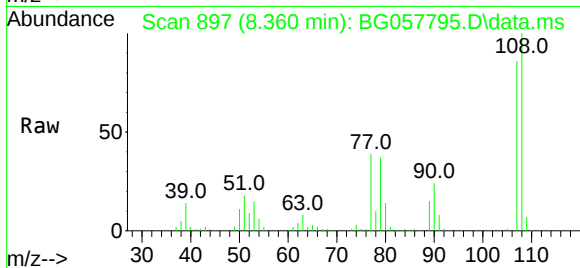
Tgt Ion: 45 Resp: 169036
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.6
79 8.9 0.0 28.3





#17
2-Methylphenol
Concen: 49.895 ng
RT: 8.360 min Scan# 898
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

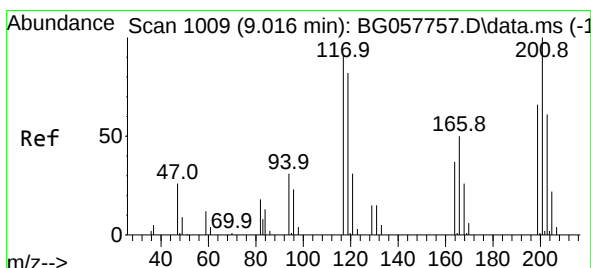
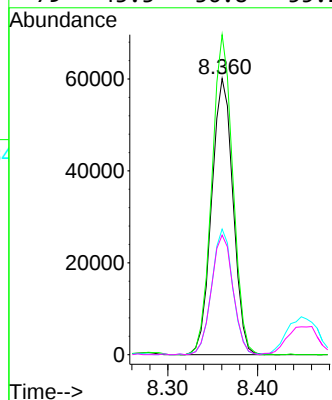
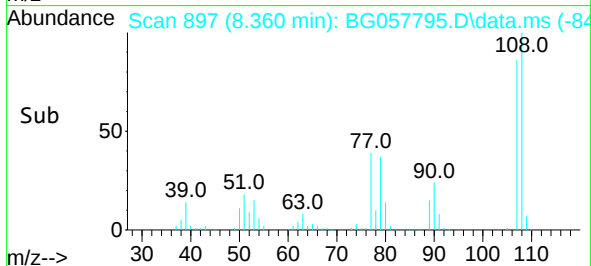
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



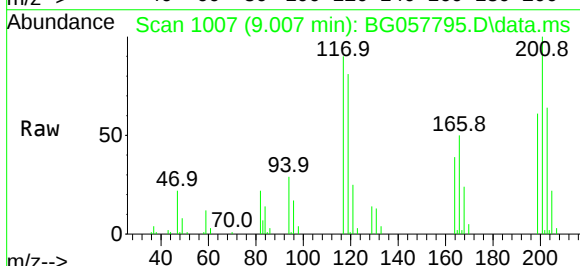
Tgt Ion:107 Resp: 99302
Ion Ratio Lower Upper
107 100
108 115.9 93.2 139.8
77 45.5 37.8 56.8
79 43.3 36.8 55.2

Manual Integrations
APPROVED

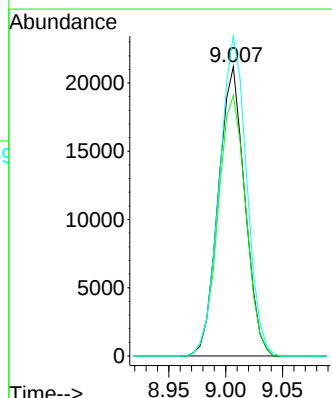
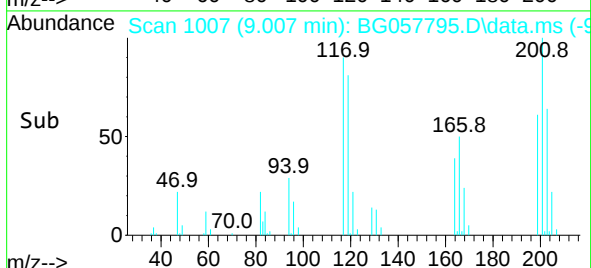
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

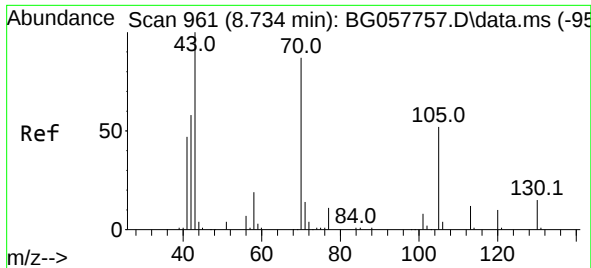


#18
Hexachloroethane
Concen: 51.023 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



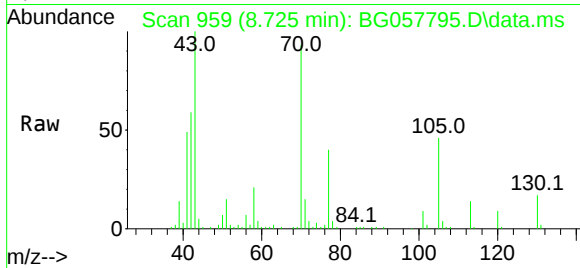
Tgt Ion:117 Resp: 34376
Ion Ratio Lower Upper
117 100
119 90.0 72.3 108.5
201 110.6 87.8 131.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.356 ng
RT: 8.725 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

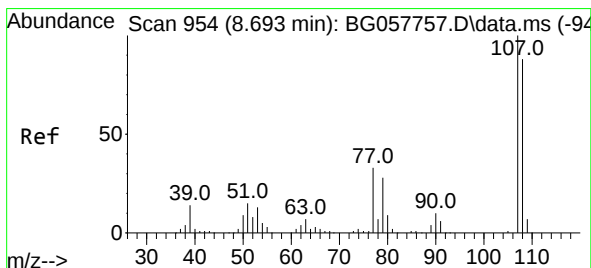
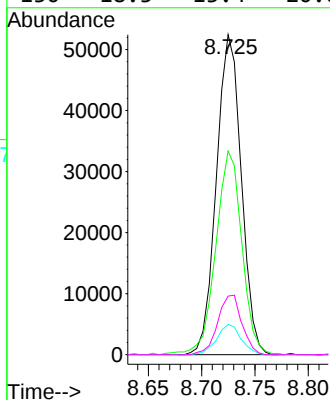
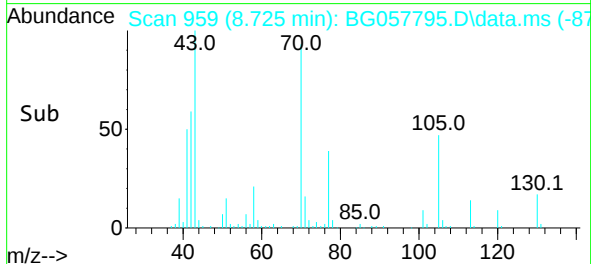
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



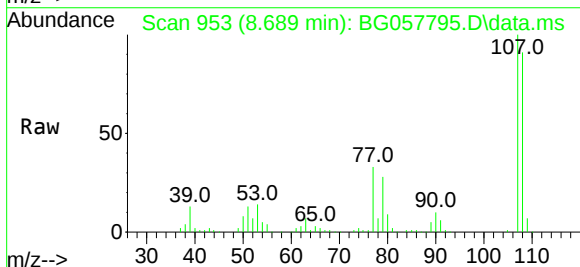
Tgt Ion: 70 Resp: 8498
Ion Ratio Lower Upper
70 100
42 63.6 54.2 81.2
101 9.5 7.4 11.0
130 18.3 13.4 20.0

Manual Integrations
APPROVED

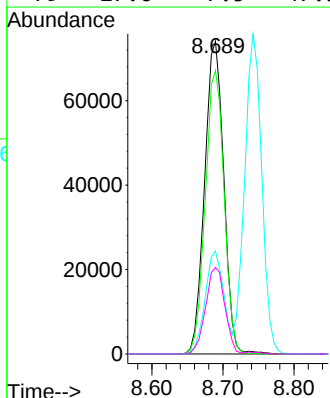
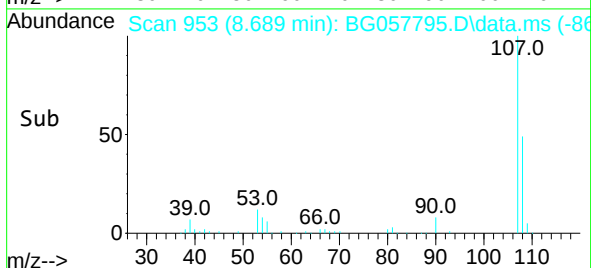
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

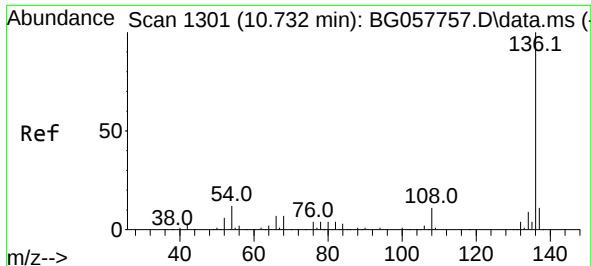


#20
3+4-Methylphenols
Concen: 50.429 ng
RT: 8.689 min Scan# 953
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



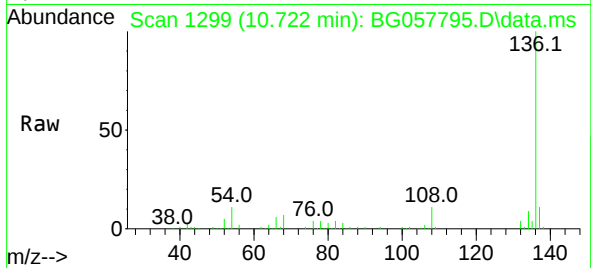
Tgt Ion:107 Resp: 138637
Ion Ratio Lower Upper
107 100
108 90.7 67.7 107.7
77 32.9 13.3 53.3
79 27.6 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1301
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

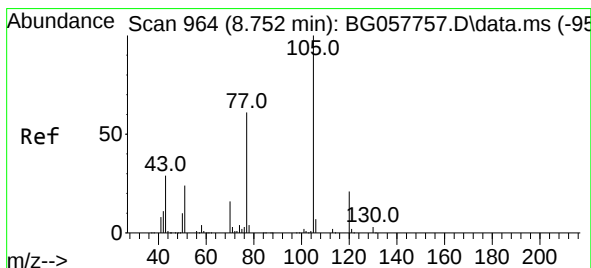
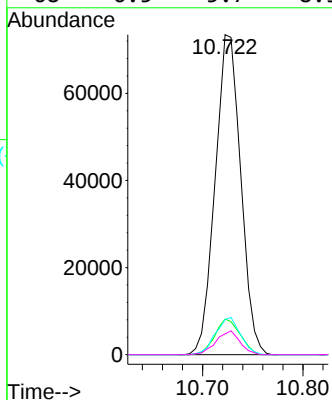
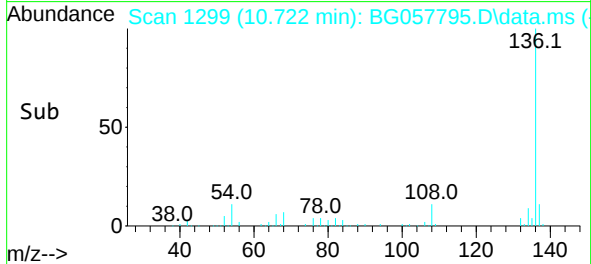
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:136 Resp: 130039
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.9 9.5 14.3
68 6.5 5.7 8.5

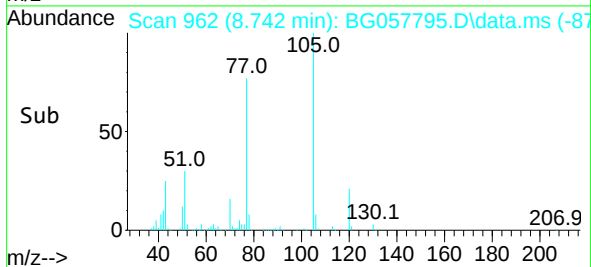
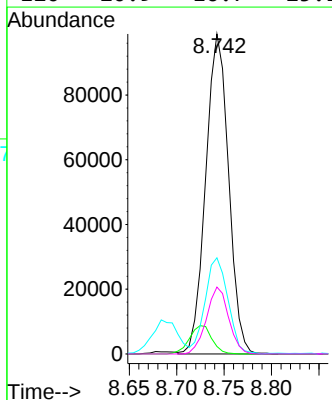
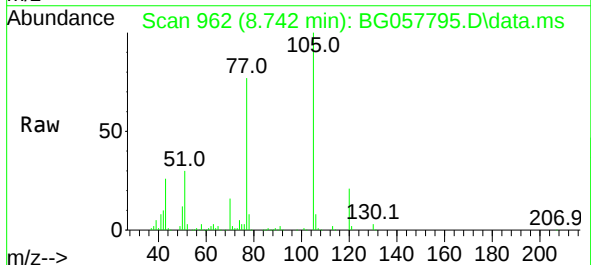
Manual Integrations
APPROVED

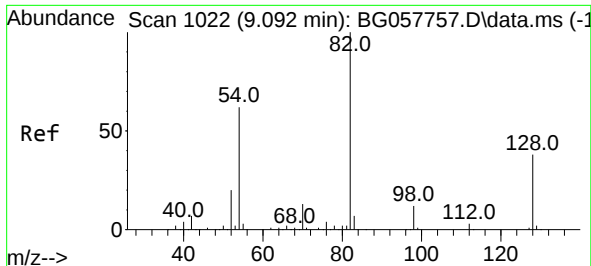
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Acetophenone
Concen: 45.570 ng
RT: 8.742 min Scan# 962
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

Tgt Ion:105 Resp: 166176
Ion Ratio Lower Upper
105 100
71 2.4 2.4 3.6#
51 30.1 25.9 38.9
120 20.9 16.7 25.1





#23

Nitrobenzene-d5

Concen: 55.350 ng

RT: 9.083 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMS

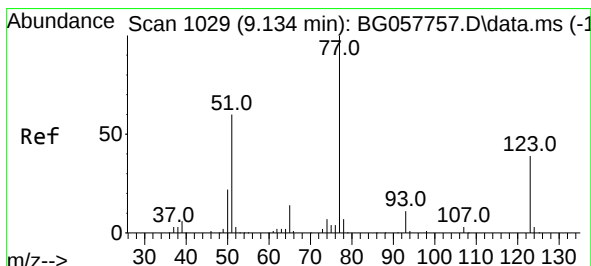
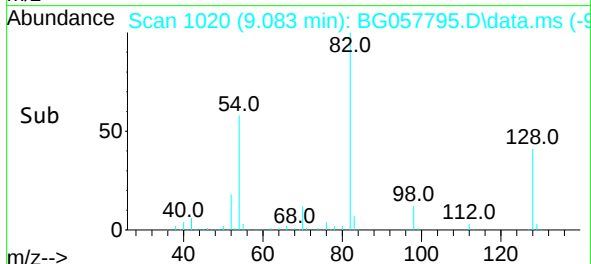
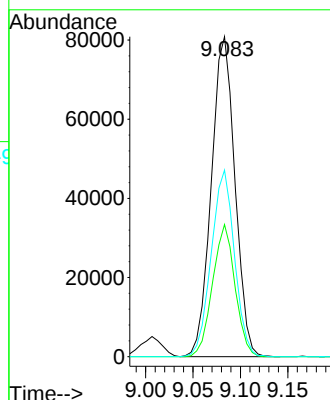
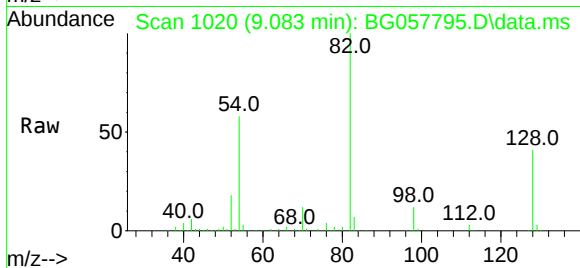
Tgt Ion: 82 Resp: 14024

Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.7	46.1
54	58.3	49.6	74.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#24

Nitrobenzene

Concen: 45.730 ng

RT: 9.124 min Scan# 1027

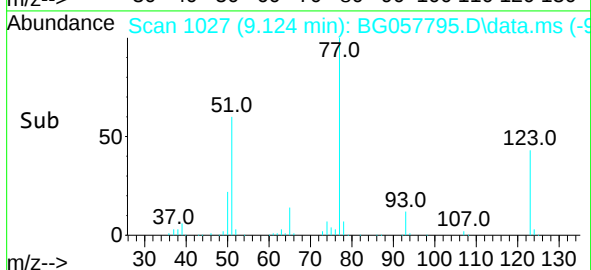
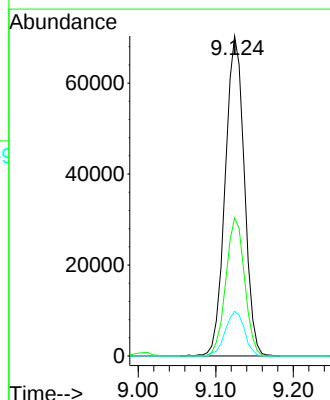
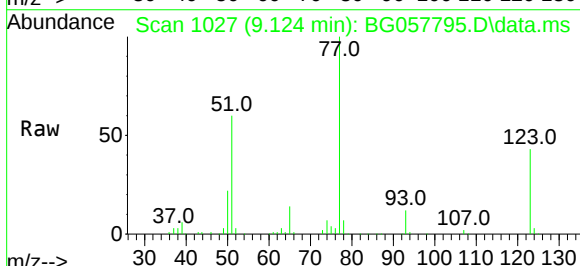
Delta R.T. -0.010 min

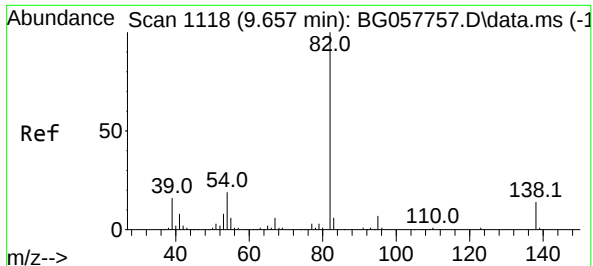
Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Tgt Ion: 77 Resp: 120590

Ion	Ratio	Lower	Upper
77	100		
123	43.1	31.4	47.2
65	14.0	11.2	16.8





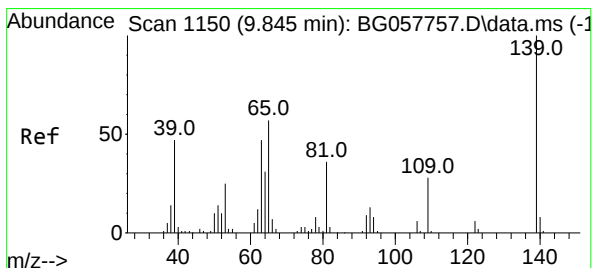
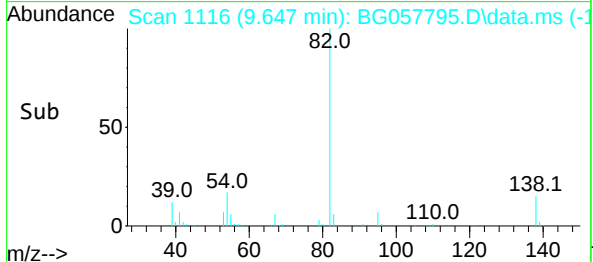
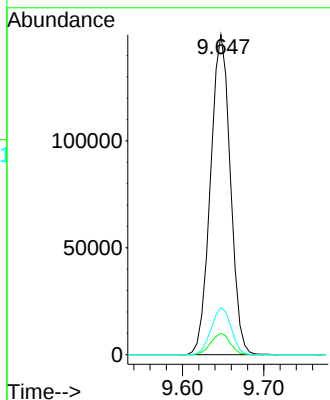
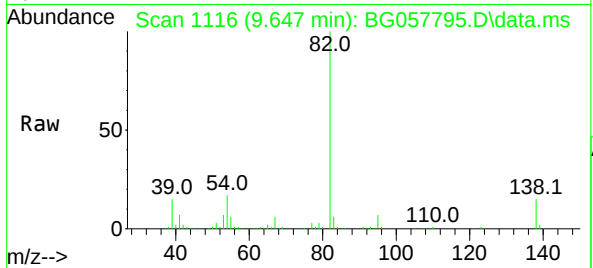
#25
Isophorone
Concen: 43.889 ng
RT: 9.647 min Scan# 1116
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

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

Tgt Ion: 82 Resp: 254056
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 14.7 11.1 16.7

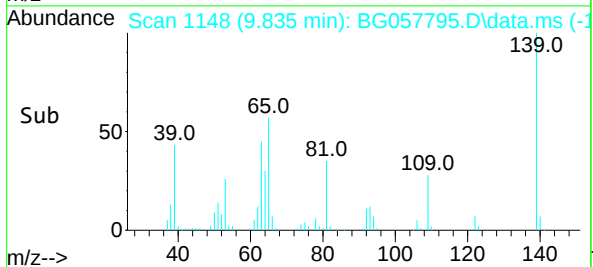
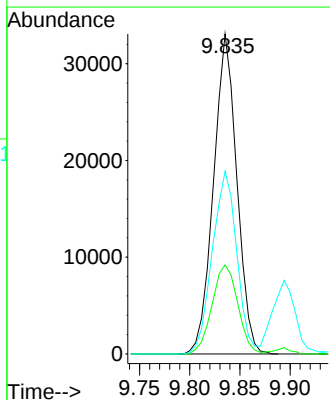
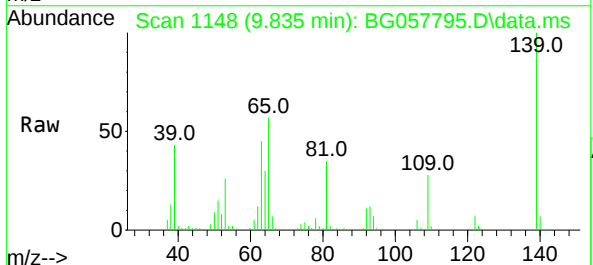
Manual Integrations
APPROVED

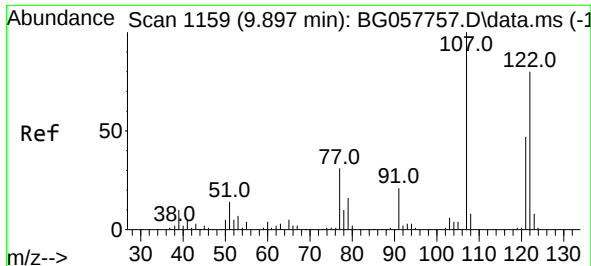
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#26
2-Nitrophenol
Concen: 63.644 ng
RT: 9.835 min Scan# 1148
Delta R.T. -0.010 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

Tgt Ion:139 Resp: 53393
Ion Ratio Lower Upper
139 100
109 27.9 22.5 33.7
65 57.0 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 50.858 ng

RT: 9.894 min Scan# 1159

Delta R.T. -0.004 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMS

Tgt Ion:122 Resp: 105630

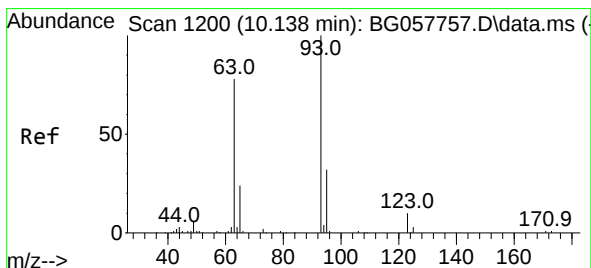
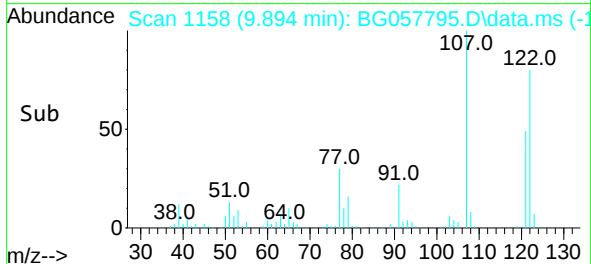
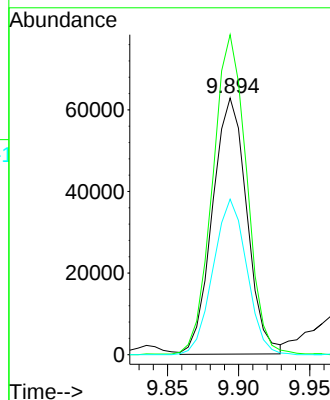
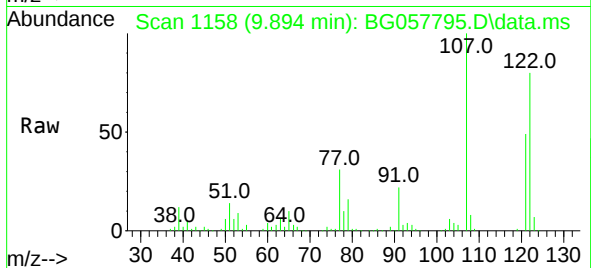
Ion	Ratio	Lower	Upper
122	100		
107	124.7	98.9	148.3
121	60.6	46.4	69.6

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: 45.348 ng

RT: 10.129 min Scan# 1198

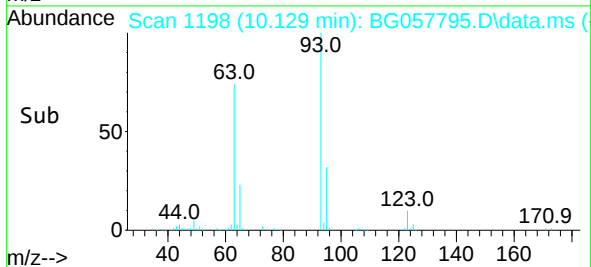
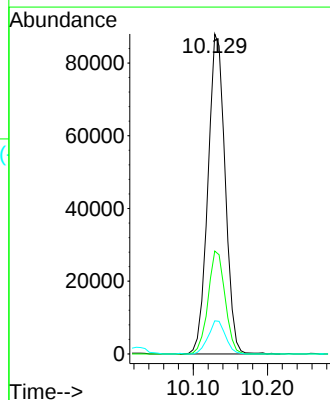
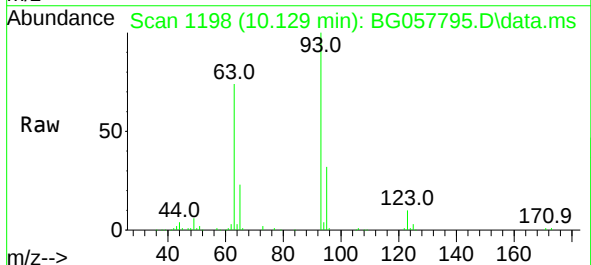
Delta R.T. -0.009 min

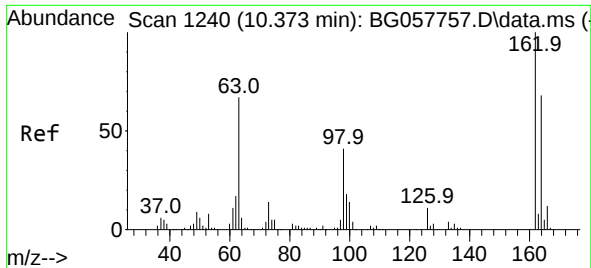
Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Tgt Ion: 93 Resp: 141366

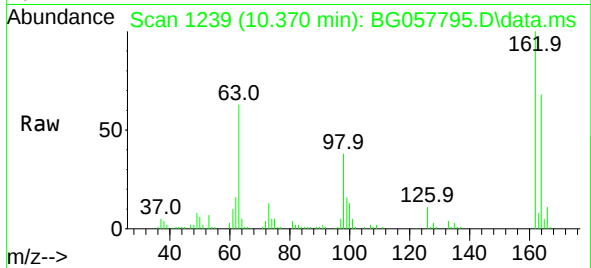
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.6	38.4
123	10.4	8.2	12.2





#29
2,4-Dichlorophenol
Concen: 52.613 ng
RT: 10.370 min Scan# 1239
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

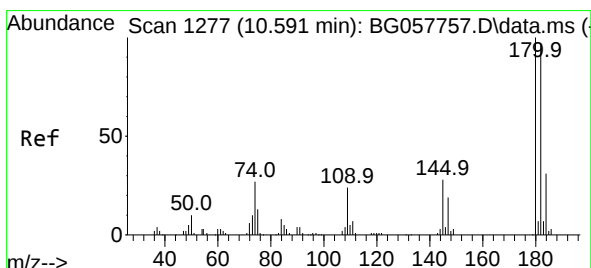
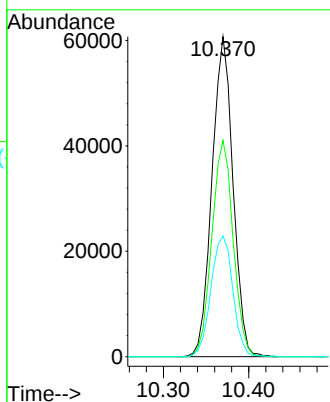
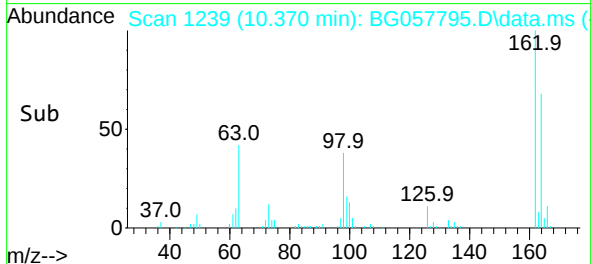
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



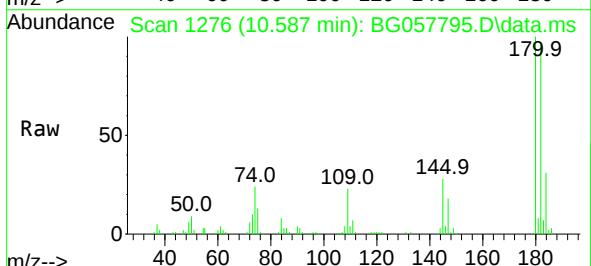
Tgt Ion:162 Resp: 103774
Ion Ratio Lower Upper
162 100
164 67.6 48.2 88.2
98 37.7 20.7 60.7

Manual Integrations
APPROVED

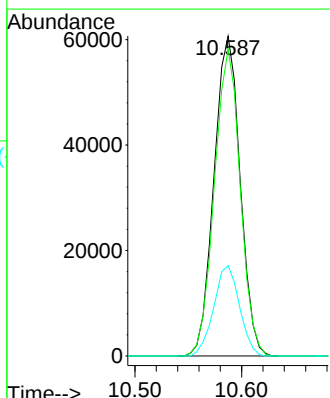
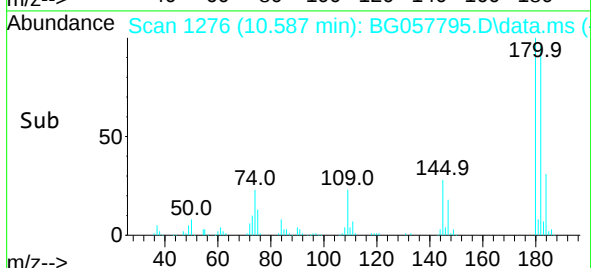
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

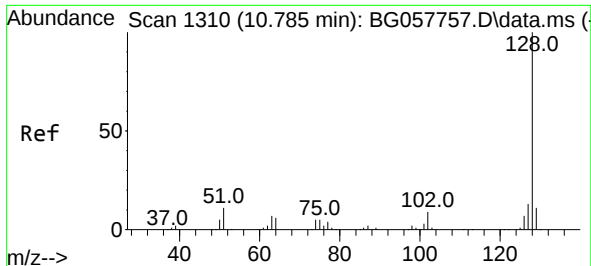


#30
1,2,4-Trichlorobenzene
Concen: 46.948 ng
RT: 10.587 min Scan# 1276
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



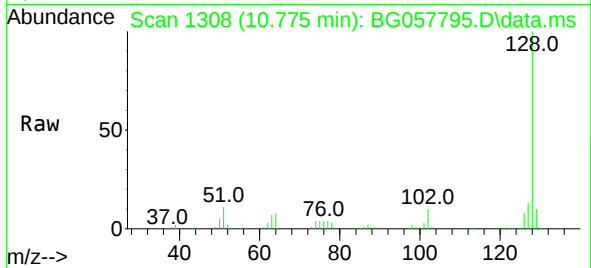
Tgt Ion:180 Resp: 103219
Ion Ratio Lower Upper
180 100
182 95.9 77.5 116.3
145 28.3 22.6 34.0





#31
Naphthalene
Concen: 45.216 ng
RT: 10.775 min Scan# 1180
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

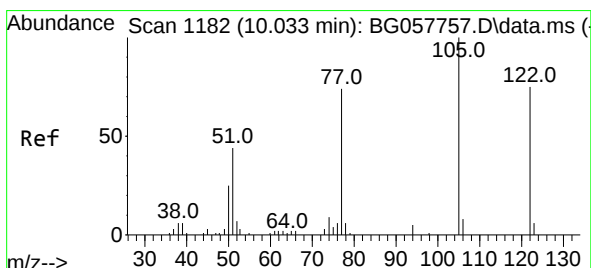
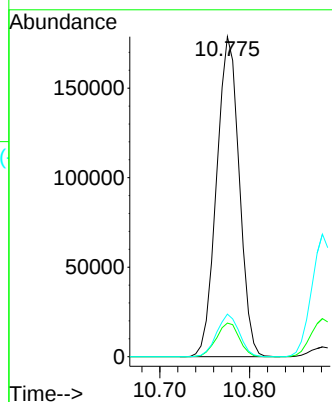
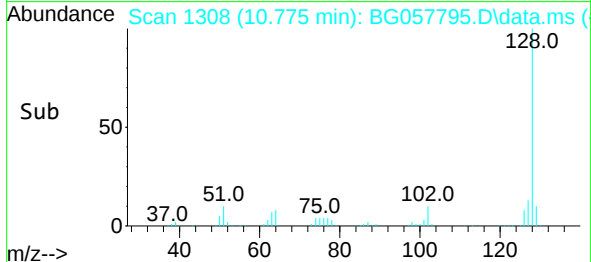
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:128 Resp: 31294
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.3 10.7 16.1

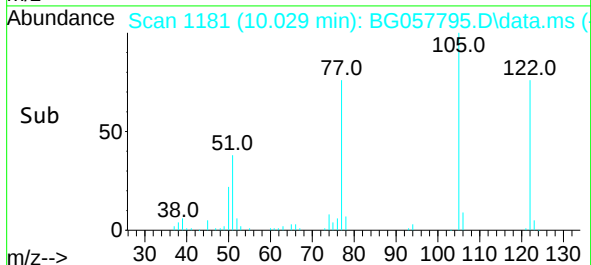
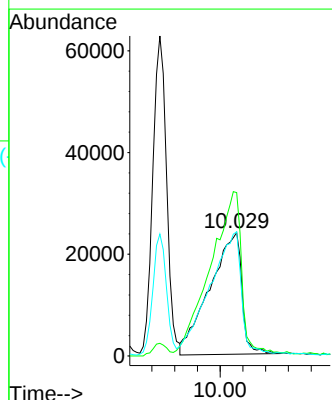
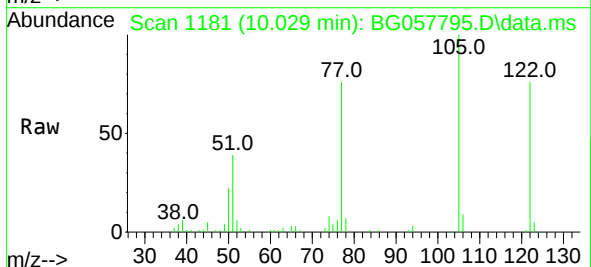
Manual Integrations
APPROVED

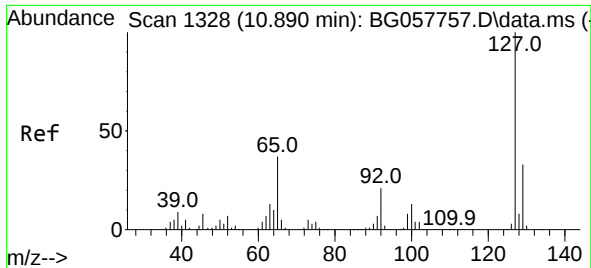
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#32
Benzoic acid
Concen: 60.965 ng
RT: 10.029 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

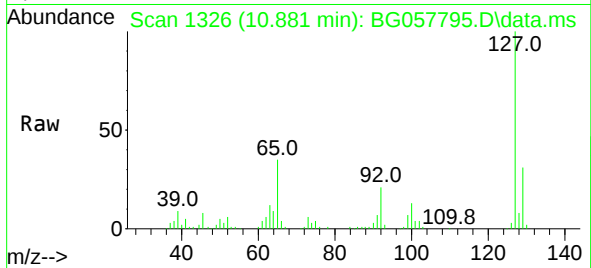
Tgt Ion:122 Resp: 93230
Ion Ratio Lower Upper
122 100
105 132.3 110.1 150.1
77 100.6 78.2 118.2





#33
4-Chloroaniline
Concen: 36.976 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

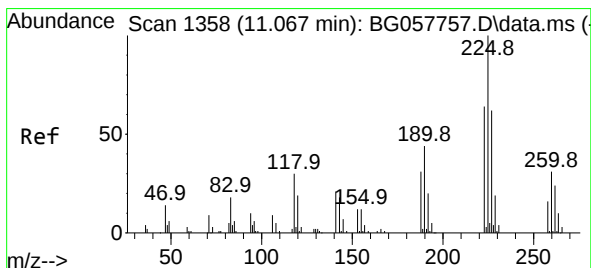
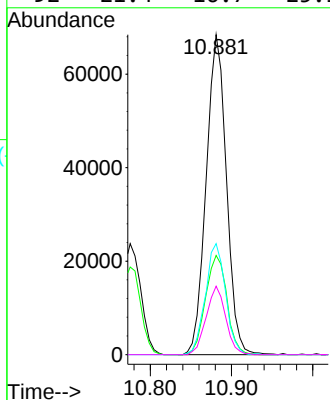
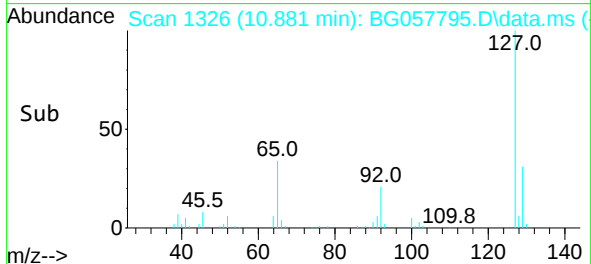
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:127 Resp: 11857
Ion Ratio Lower Upper
127 100
129 31.0 26.6 40.0
65 34.7 29.8 44.8
92 21.4 16.7 25.1

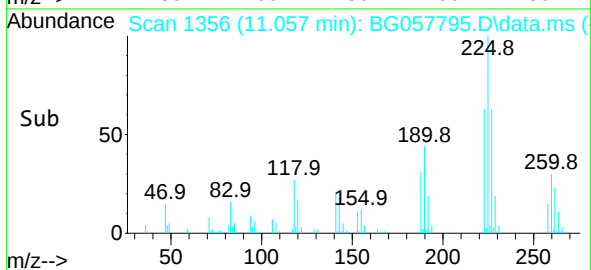
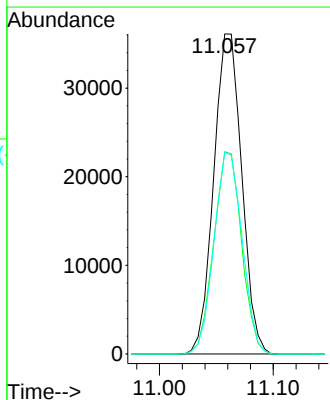
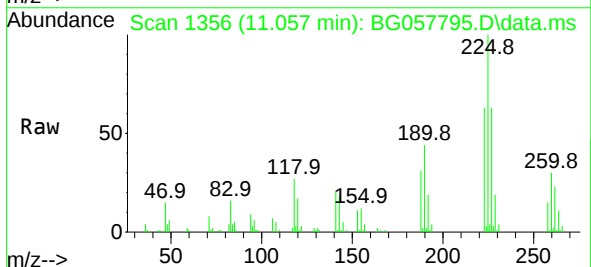
Manual Integrations
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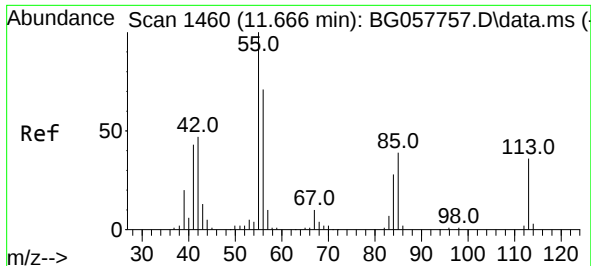
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#34
Hexachlorobutadiene
Concen: 46.116 ng
RT: 11.057 min Scan# 1356
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

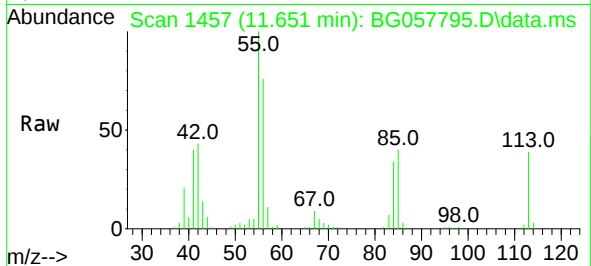
Tgt Ion:225 Resp: 61857
Ion Ratio Lower Upper
225 100
223 63.2 51.4 77.0
227 63.0 49.7 74.5





#35
Caprolactam
Concen: 54.982 ng m
RT: 11.651 min Scan# 14
Delta R.T. -0.015 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

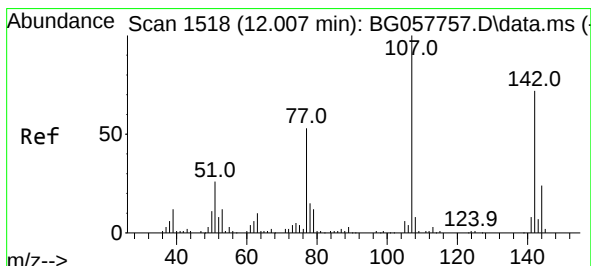
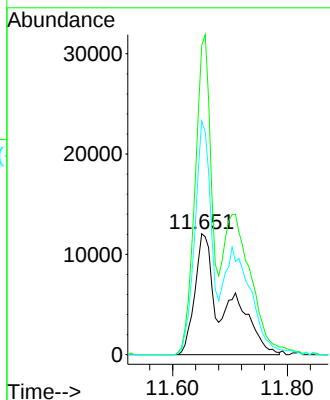
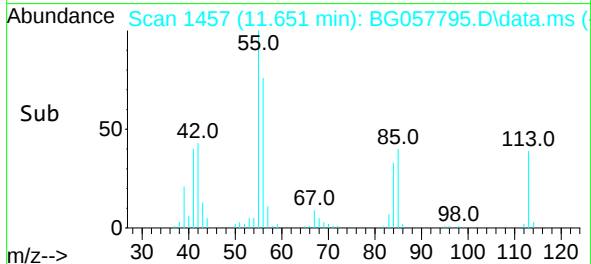
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:113 Resp: 4400
Ion Ratio Lower Upper
113 100
55 255.3 255.7 295.7
56 193.2 175.2 215.2

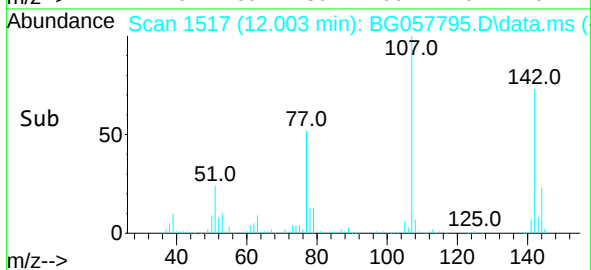
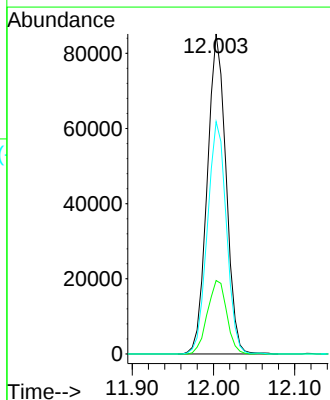
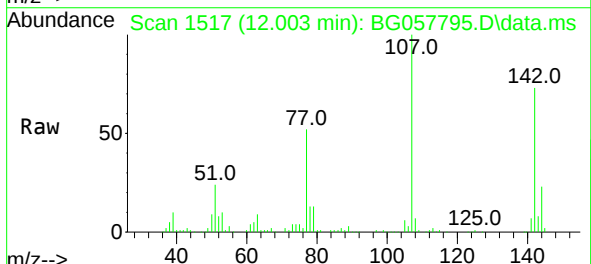
Manual Integrations
APPROVED

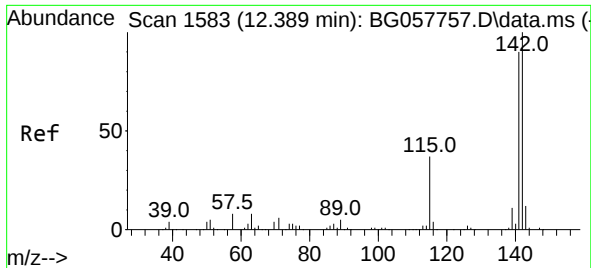
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#36
4-Chloro-3-methylphenol
Concen: 53.052 ng
RT: 12.003 min Scan# 1517
Delta R.T. -0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

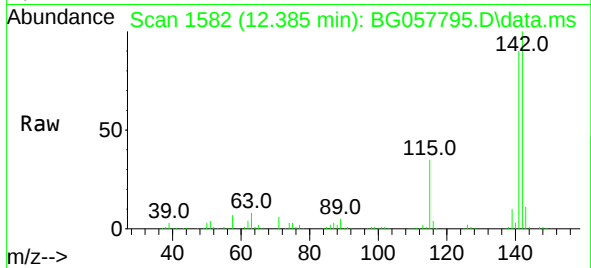
Tgt Ion:107 Resp: 136660
Ion Ratio Lower Upper
107 100
144 22.9 19.5 29.3
142 72.6 57.9 86.9





#37
2-Methylnaphthalene
Concen: 44.696 ng
RT: 12.385 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

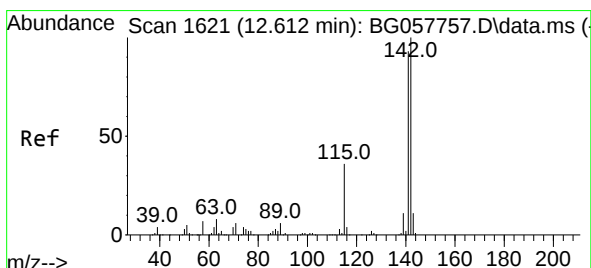
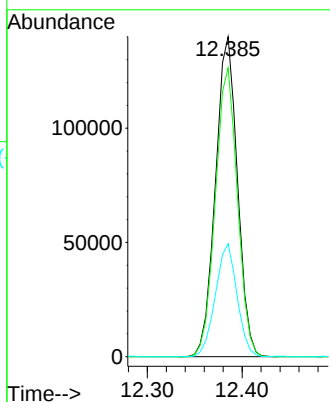
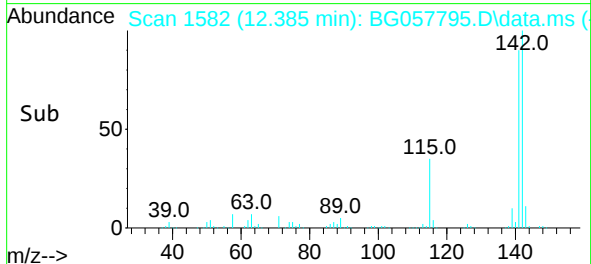
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



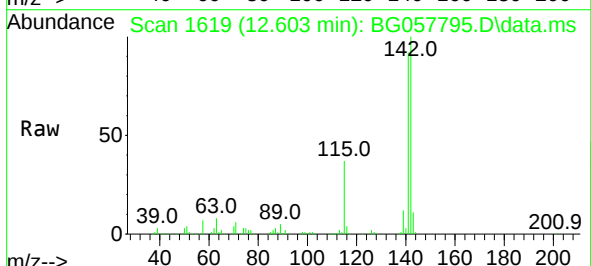
Tgt Ion:142 Resp: 22548
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1
115 35.3 29.7 44.5

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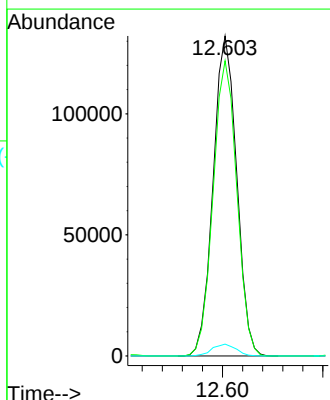
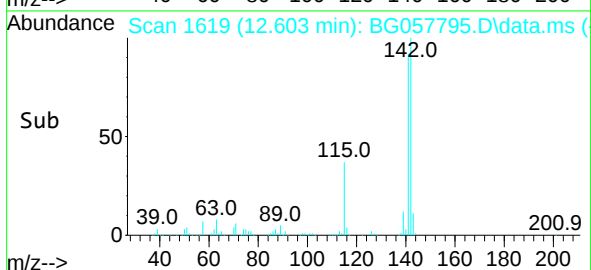
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

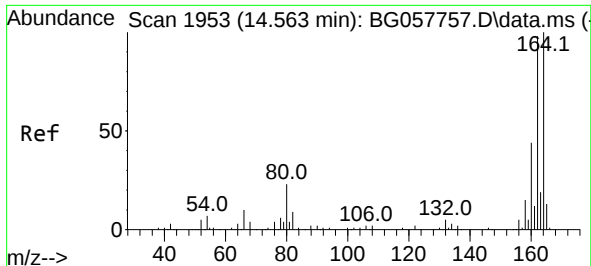


#38
1-Methylnaphthalene
Concen: 45.109 ng
RT: 12.603 min Scan# 1619
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



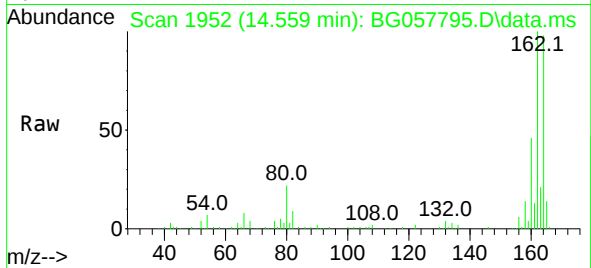
Tgt Ion:142 Resp: 214816
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4
116 3.7 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1952
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

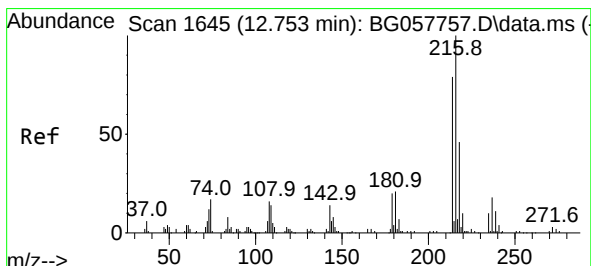
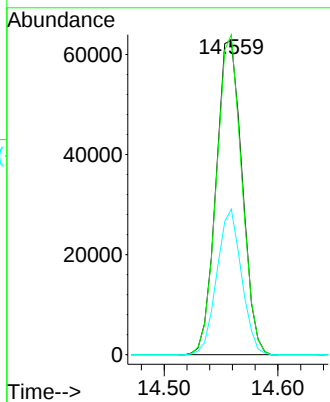
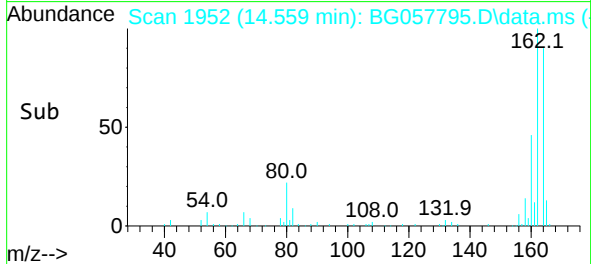
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:164 Resp: 9995
Ion Ratio Lower Upper
164 100
162 101.7 78.3 117.5
160 46.3 35.4 53.0

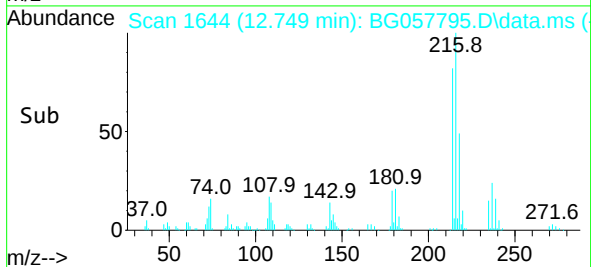
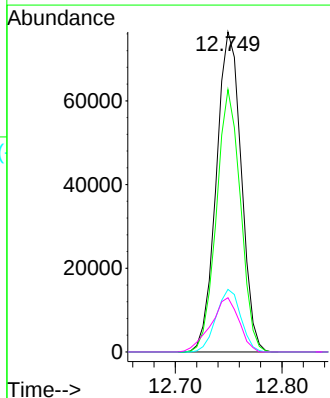
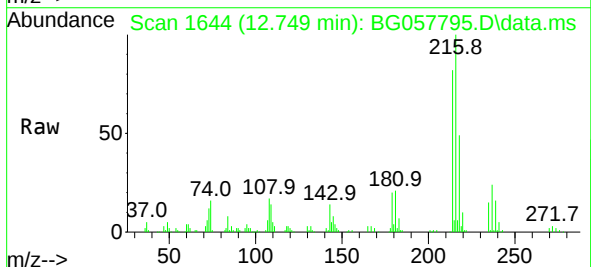
Manual Integrations
APPROVED

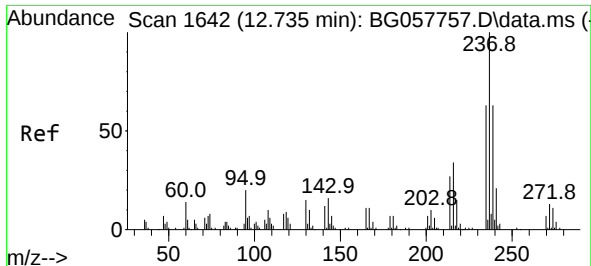
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.795 ng
RT: 12.749 min Scan# 1644
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

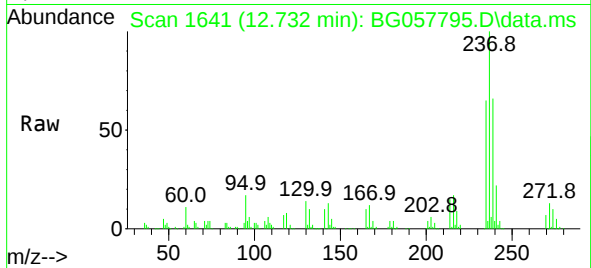
Tgt Ion:216 Resp: 124127
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 19.4 16.2 24.2
108 19.1 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 102.593 ng
RT: 12.732 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

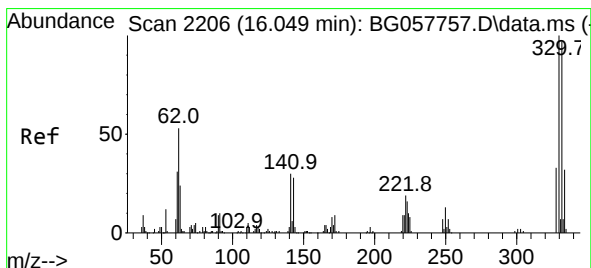
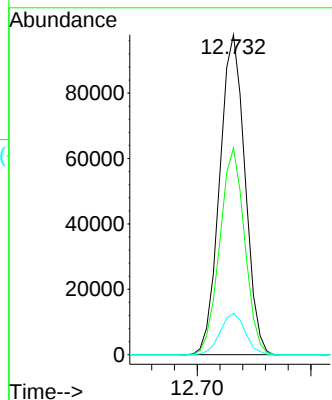
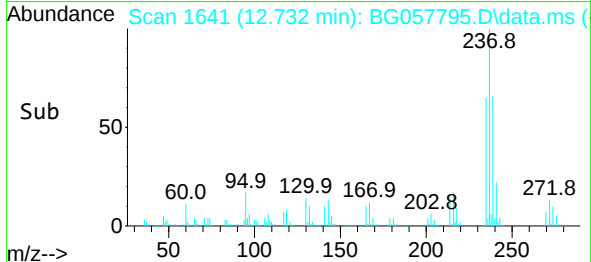
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



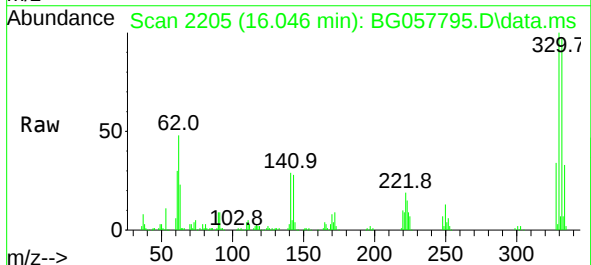
Tgt Ion:237 Resp: 150929
Ion Ratio Lower Upper
237 100
235 64.6 43.5 83.5
272 12.9 0.0 32.8

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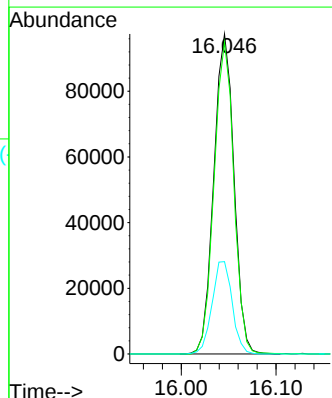
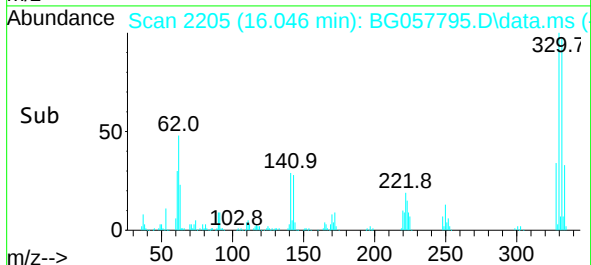
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

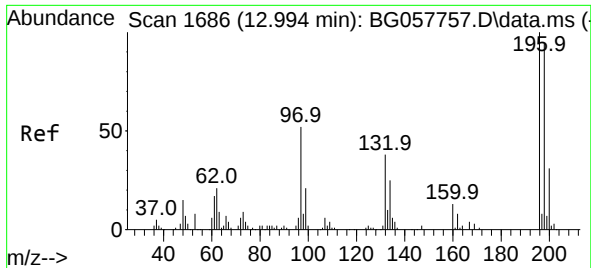


#42
2,4,6-Tribromophenol
Concen: 103.317 ng
RT: 16.046 min Scan# 2205
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



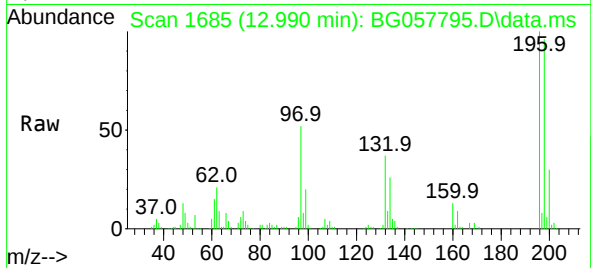
Tgt Ion:330 Resp: 143855
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 28.8 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 50.108 ng
RT: 12.990 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

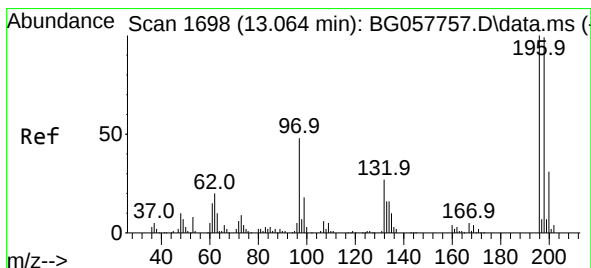
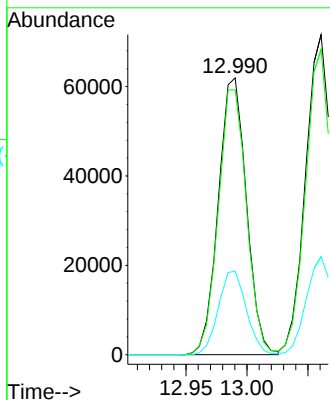
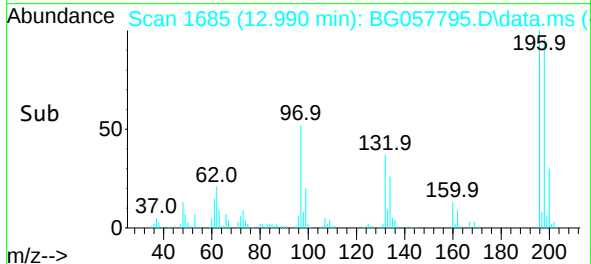
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



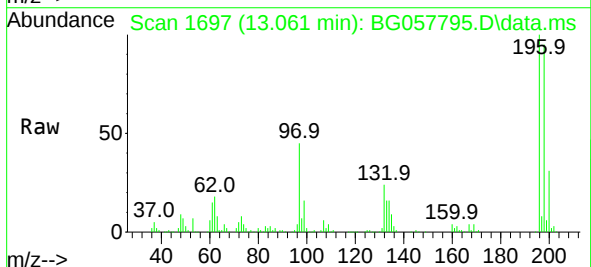
Tgt Ion:196 Resp: 9942
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
200 30.2 24.6 36.8

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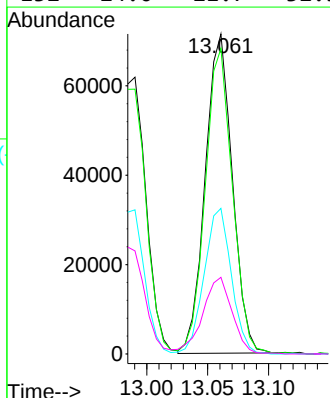
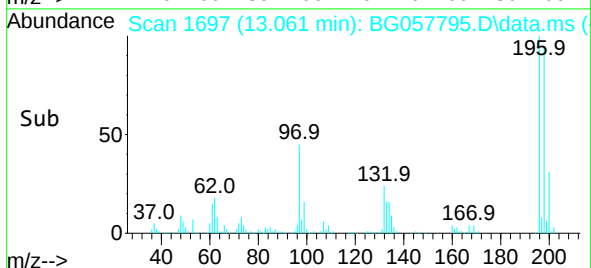
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

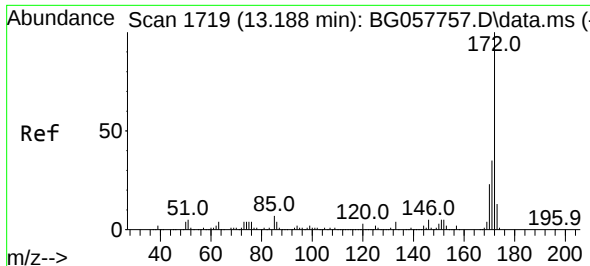


#44
2,4,5-Trichlorophenol
Concen: 47.811 ng
RT: 13.061 min Scan# 1697
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



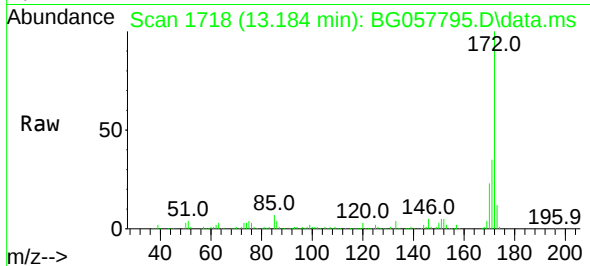
Tgt Ion:196 Resp: 110578
Ion Ratio Lower Upper
196 100
198 95.5 78.9 118.3
97 45.5 38.3 57.5
132 24.0 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 52.481 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

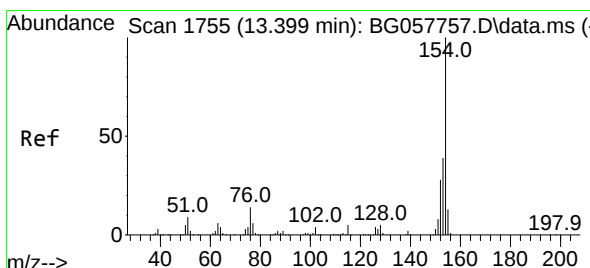
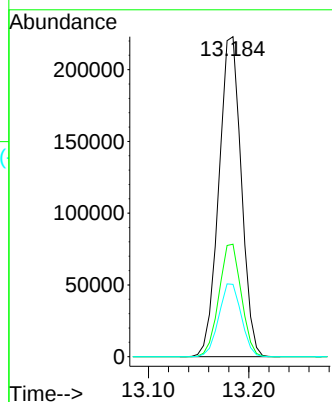
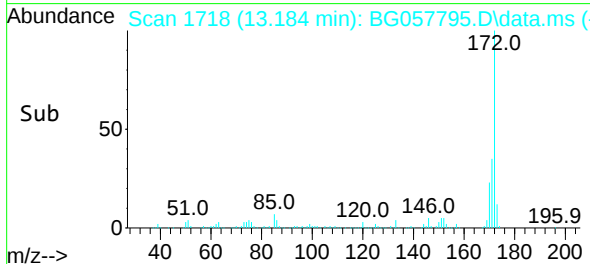
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



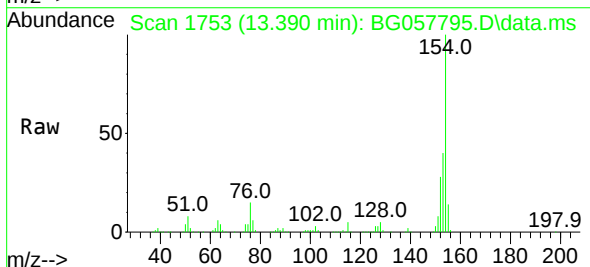
Tgt Ion:172 Resp: 345858
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.6 18.6 27.8

Manual Integrations
APPROVED

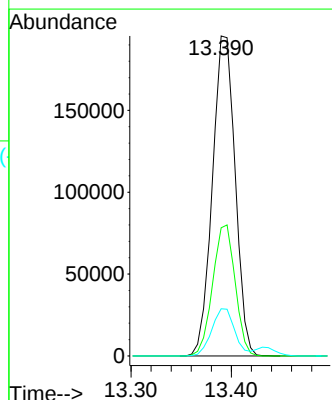
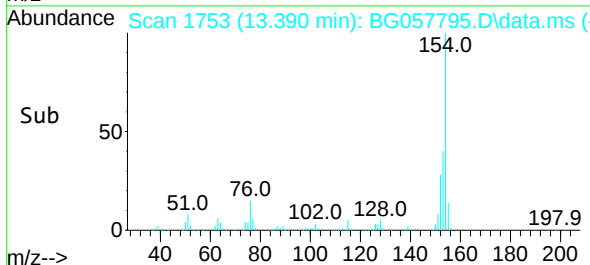
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

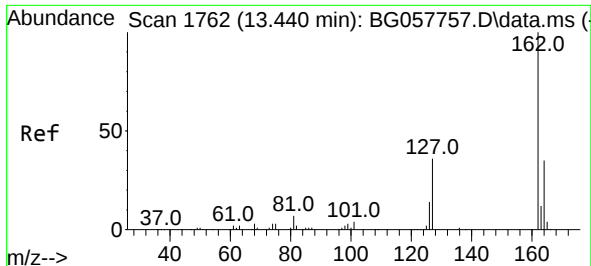


#46
1,1'-Biphenyl
Concen: 44.817 ng
RT: 13.390 min Scan# 1753
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



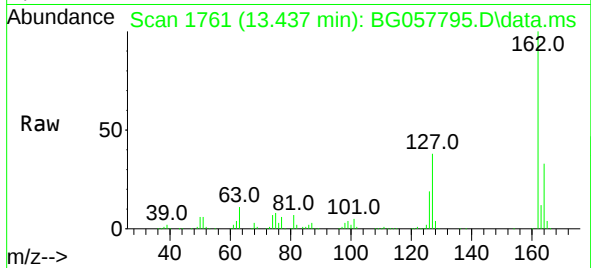
Tgt Ion:154 Resp: 307589
Ion Ratio Lower Upper
154 100
153 40.1 19.1 59.1
76 14.8 0.0 34.3





#47
2-Chloronaphthalene
Concen: 46.098 ng
RT: 13.437 min Scan# 1761
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

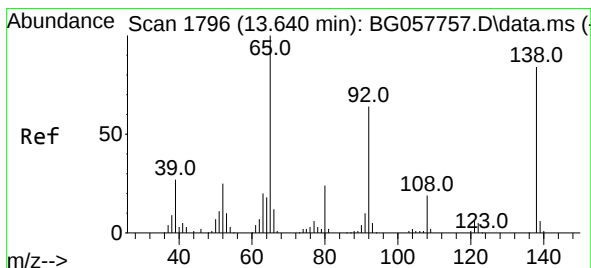
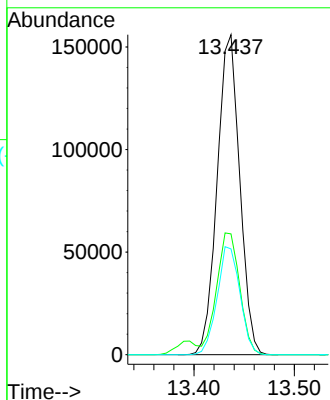
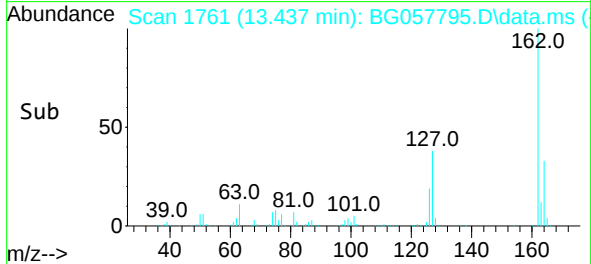
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:162 Resp: 243058
Ion Ratio Lower Upper
162 100
127 37.8 32.2 48.2
164 33.1 28.0 42.0

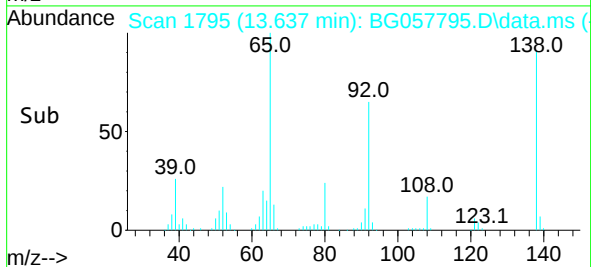
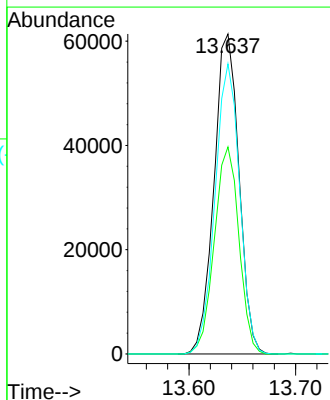
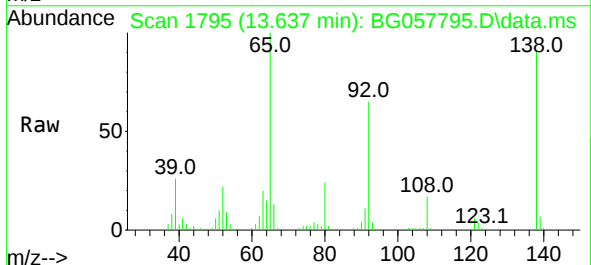
Manual Integrations
APPROVED

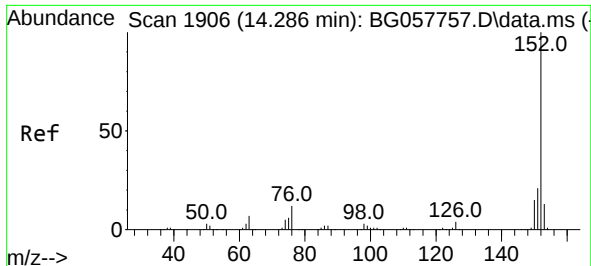
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#48
2-Nitroaniline
Concen: 53.268 ng
RT: 13.637 min Scan# 1795
Delta R.T. -0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

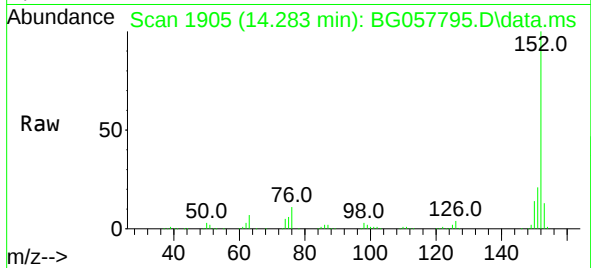
Tgt Ion: 65 Resp: 99811
Ion Ratio Lower Upper
65 100
92 64.7 51.2 76.8
138 90.6 67.2 100.8





#49
Acenaphthylene
Concen: 45.273 ng
RT: 14.283 min Scan# 1906
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

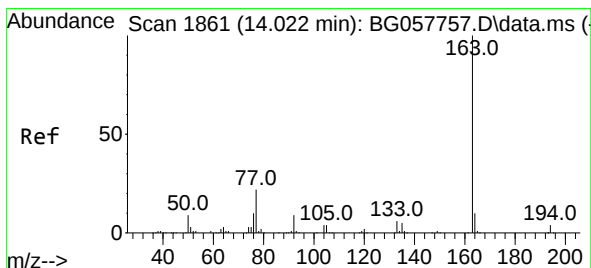
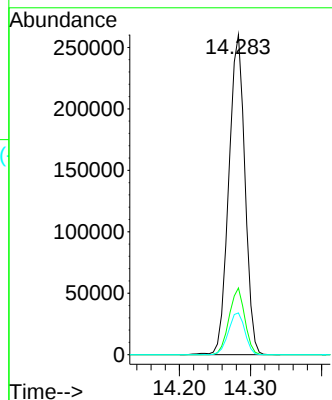
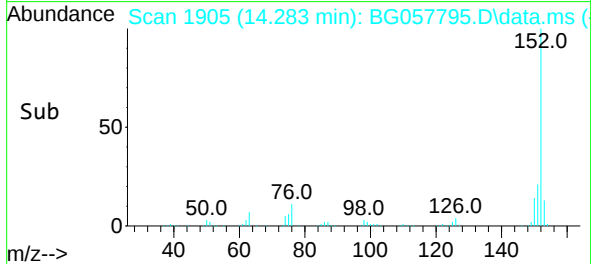
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



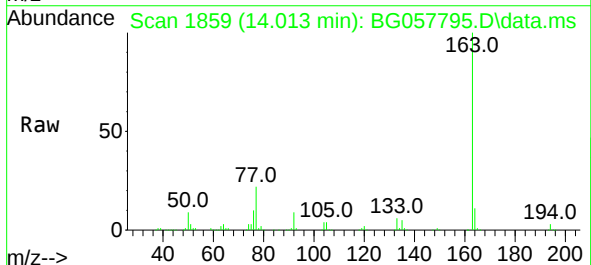
Tgt Ion:152 Resp: 409728
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.0 10.5 15.7

Manual Integrations
APPROVED

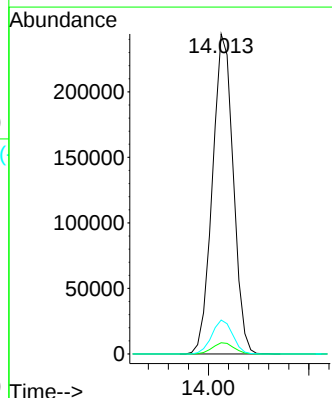
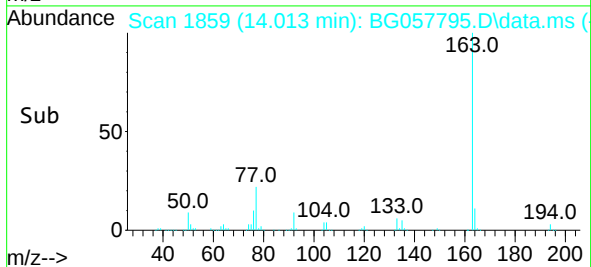
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

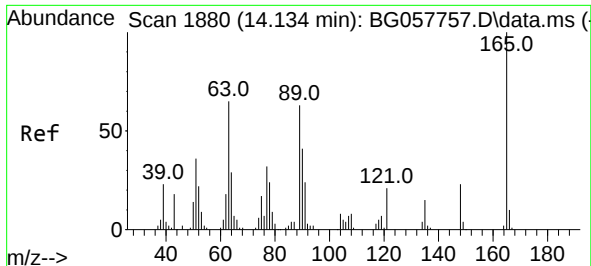


#50
Dimethylphthalate
Concen: 45.730 ng
RT: 14.013 min Scan# 1859
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



Tgt Ion:163 Resp: 351073
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.6 8.2 12.4





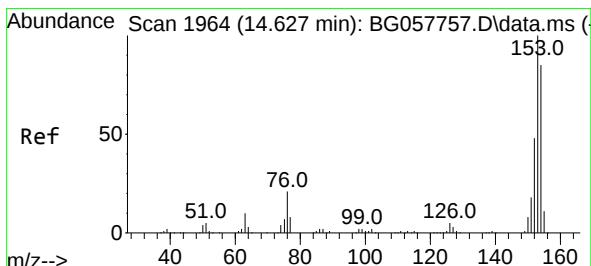
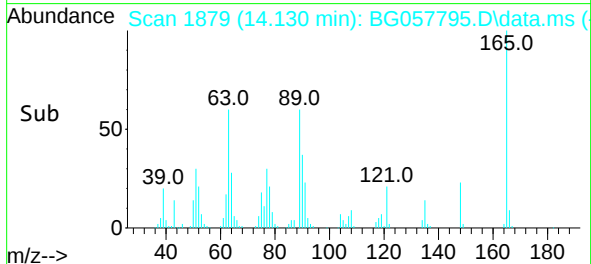
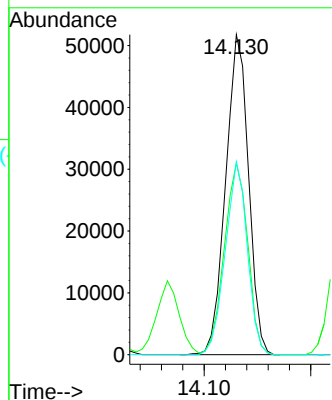
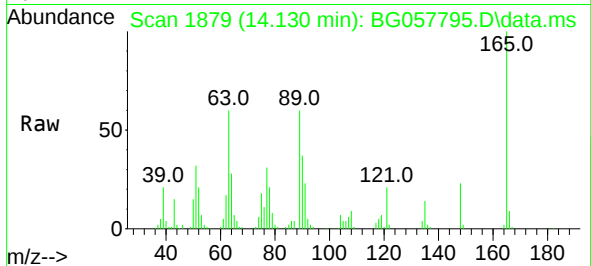
#51
2,6-Dinitrotoluene
Concen: 54.466 ng
RT: 14.130 min Scan# 1880
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

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

Tgt Ion:165 Resp: 77000
Ion Ratio Lower Upper
165 100
63 59.9 52.8 79.2
89 60.3 50.7 76.1

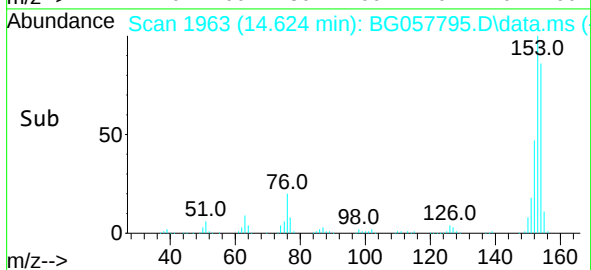
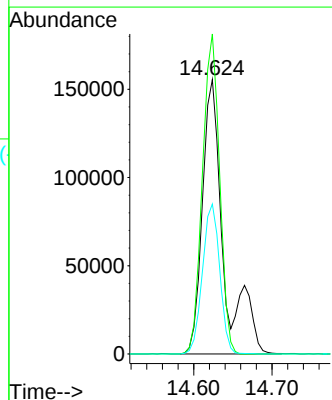
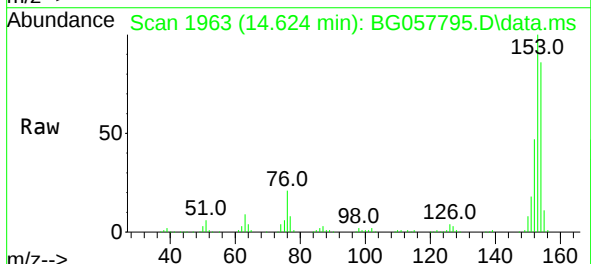
Manual Integrations
APPROVED

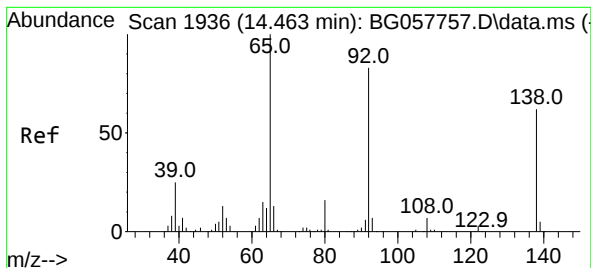
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#52
Acenaphthene
Concen: 52.752 ng m
RT: 14.624 min Scan# 1963
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

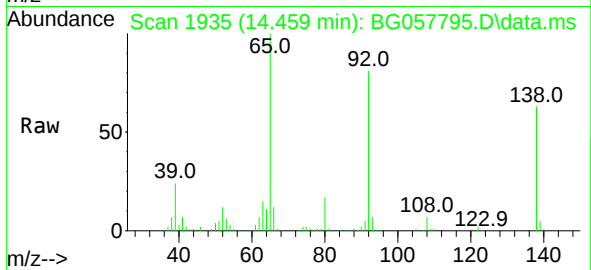
Tgt Ion:154 Resp: 295554
Ion Ratio Lower Upper
154 100
153 116.6 93.6 140.4
152 54.6 44.7 67.1





#53
3-Nitroaniline
Concen: 45.965 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

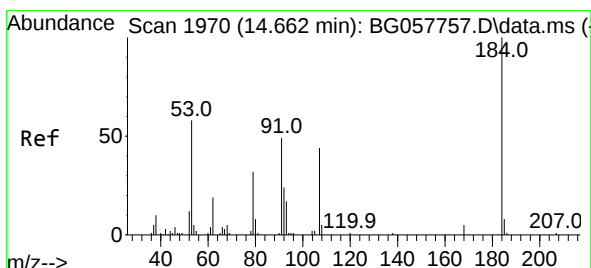
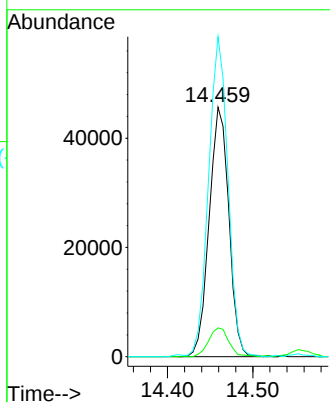
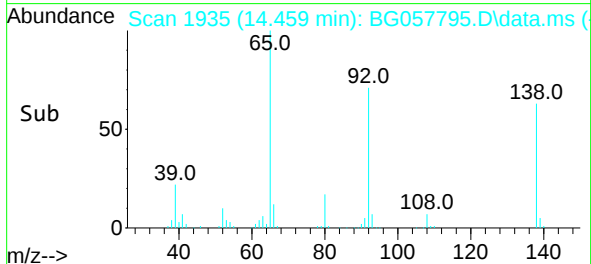
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



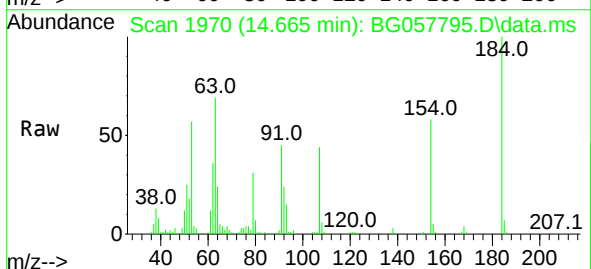
Tgt Ion:138 Resp: 73230
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 128.3 106.4 159.6

Manual Integrations
APPROVED

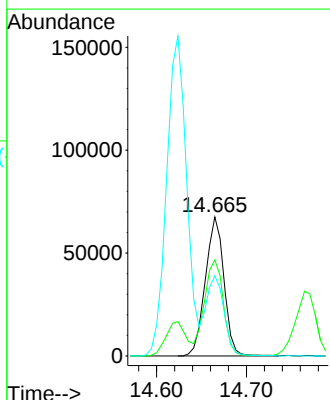
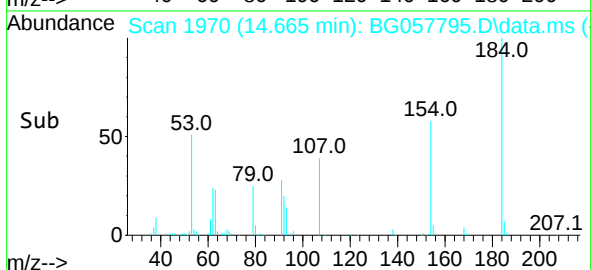
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

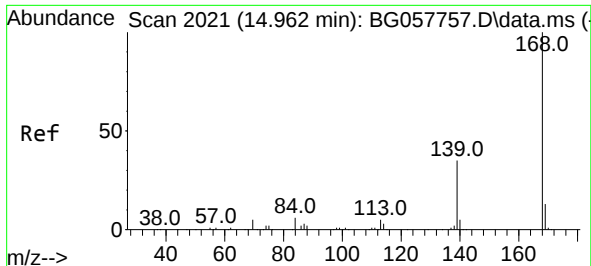


#54
2,4-Dinitrophenol
Concen: 125.947 ng
RT: 14.665 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



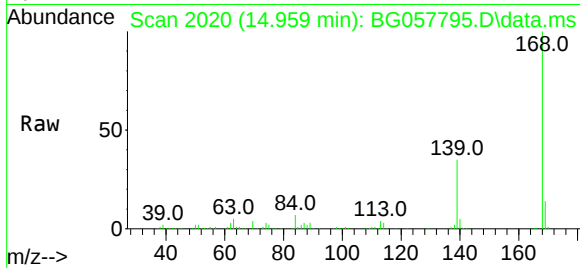
Tgt Ion:184 Resp: 97258
Ion Ratio Lower Upper
184 100
63 69.0 55.2 82.8
154 57.6 47.4 71.0





#55
Dibenzenofuran
Concen: 45.736 ng
RT: 14.959 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

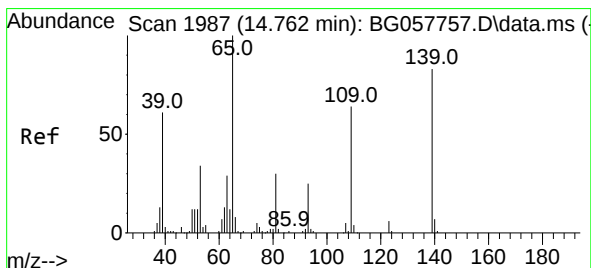
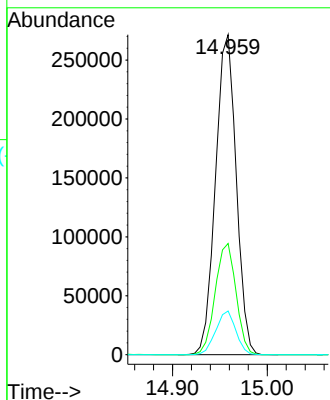
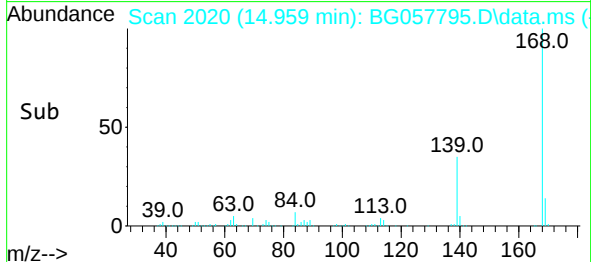
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:168 Resp: 412020
Ion Ratio Lower Upper
168 100
139 34.7 28.1 42.1
169 13.7 10.7 16.1

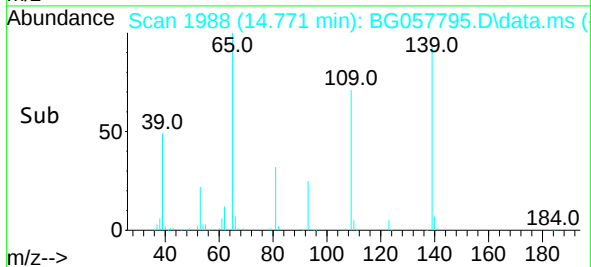
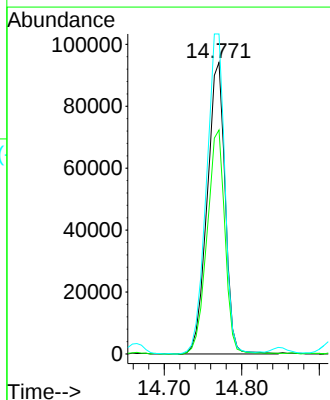
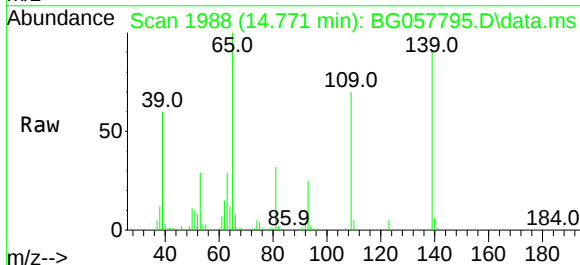
Manual Integrations
APPROVED

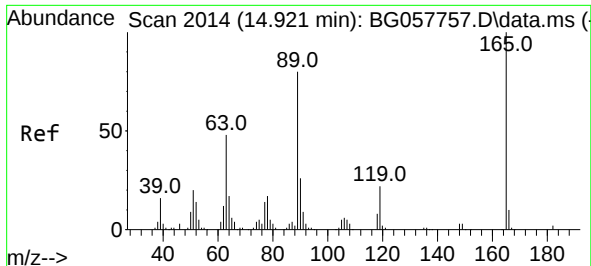
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 119.325 ng
RT: 14.771 min Scan# 1988
Delta R.T. 0.008 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

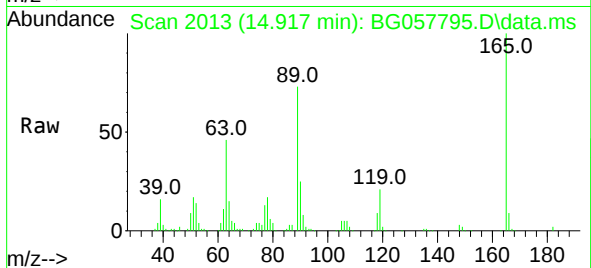
Tgt Ion:139 Resp: 151082
Ion Ratio Lower Upper
139 100
109 76.8 57.3 97.3
65 109.8 100.0 140.0





#57
2,4-Dinitrotoluene
Concen: 59.902 ng
RT: 14.917 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

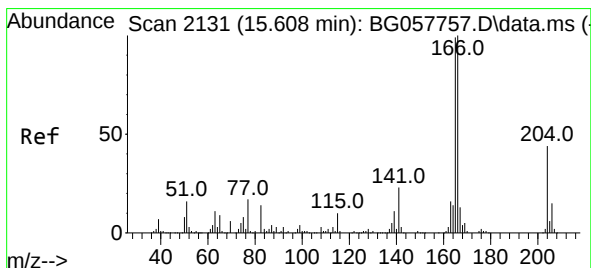
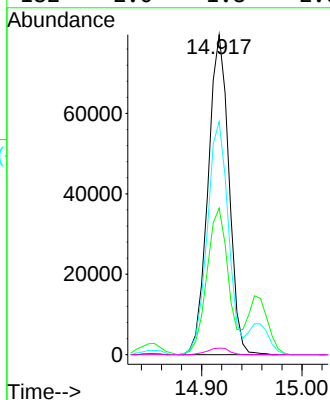
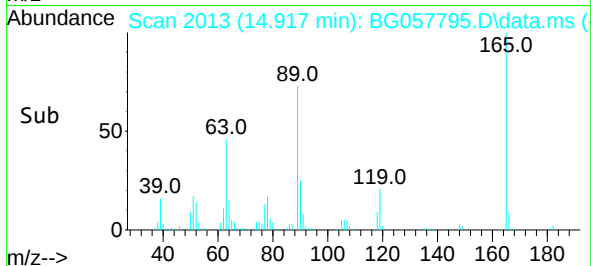
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:165 Resp: 114839
Ion Ratio Lower Upper
165 100
63 45.8 38.6 58.0
89 72.8 63.7 95.5
182 2.0 1.8 2.6

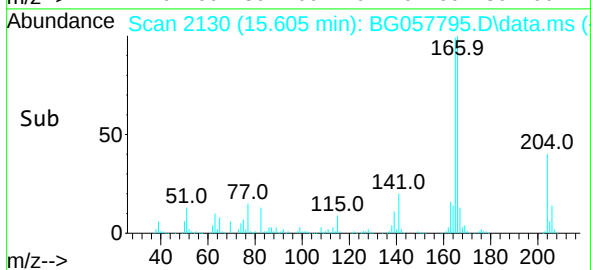
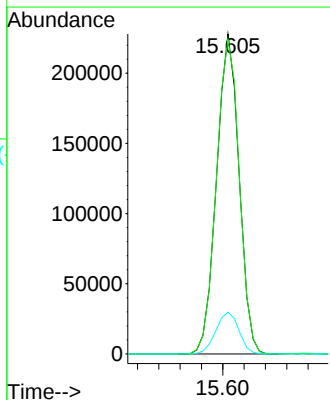
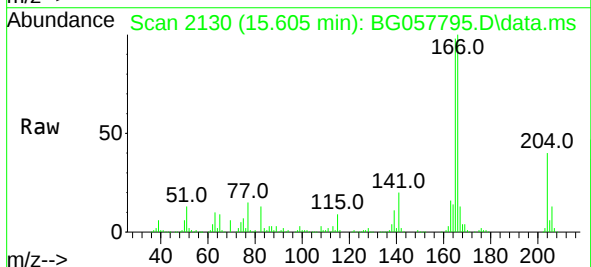
Manual Integrations
APPROVED

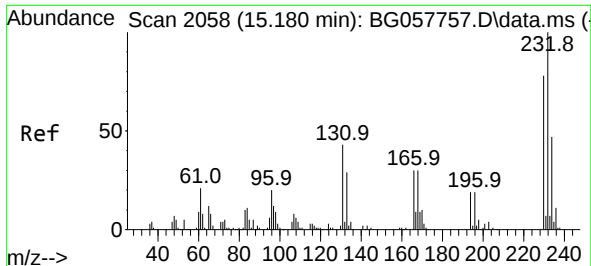
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#58
Fluorene
Concen: 46.704 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

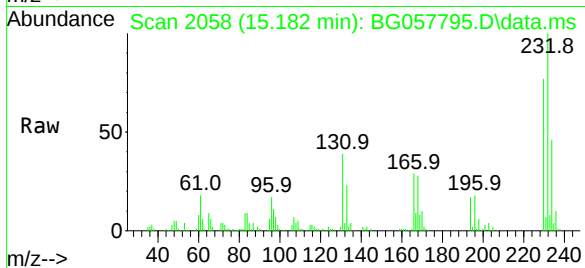
Tgt Ion:166 Resp: 333052
Ion Ratio Lower Upper
166 100
165 98.3 79.5 119.3
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.220 ng
RT: 15.182 min Scan# 2058
Delta R.T. 0.002 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

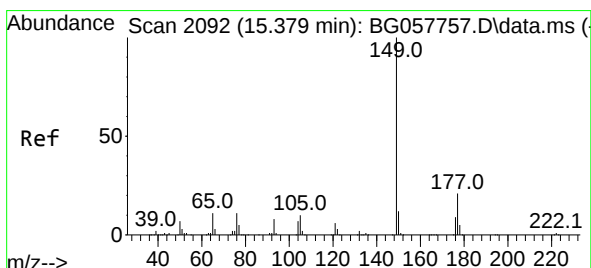
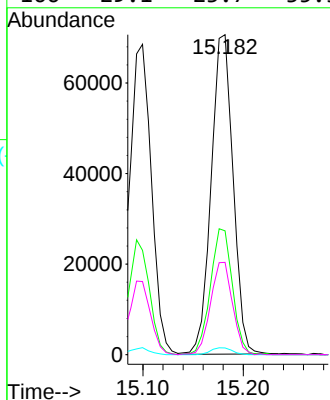
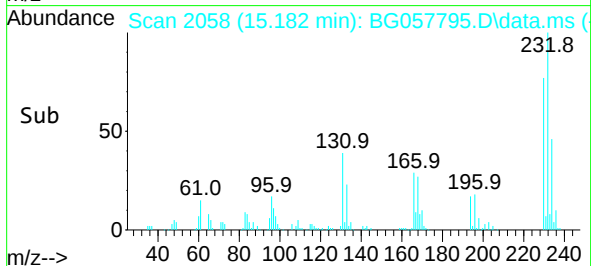
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:232 Resp: 10686
Ion Ratio Lower Upper
232 100
131 39.8 31.9 47.9
130 2.1 1.6 2.4
166 29.1 23.7 35.5

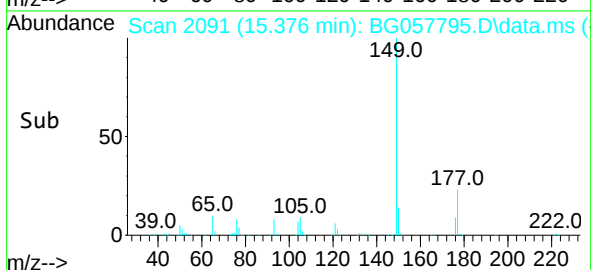
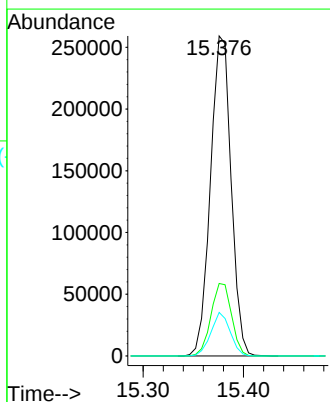
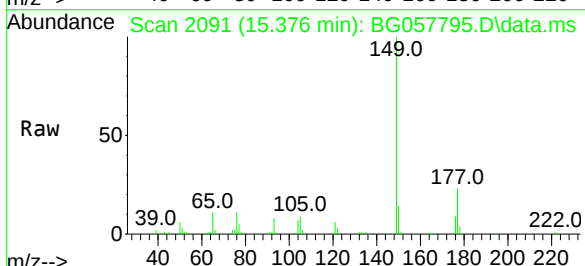
Manual Integrations
APPROVED

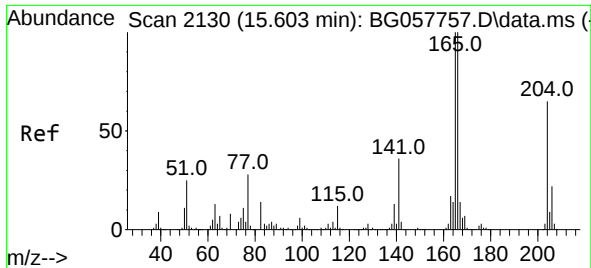
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#60
Diethylphthalate
Concen: 47.014 ng
RT: 15.376 min Scan# 2091
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

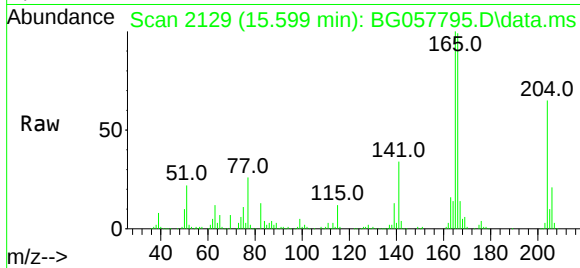
Tgt Ion:149 Resp: 370288
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 13.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.397 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

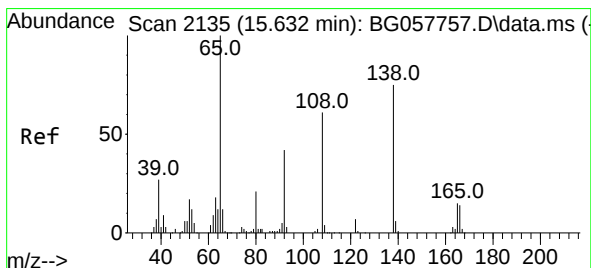
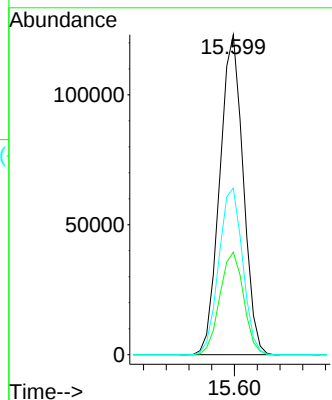
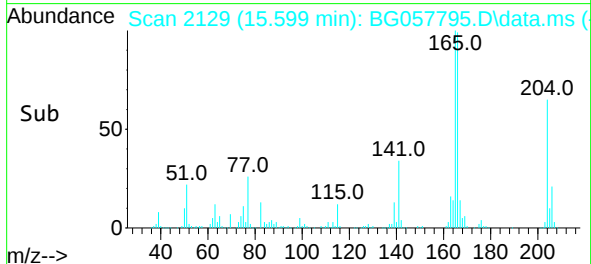
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:204 Resp: 175920
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 52.0 44.3 66.5

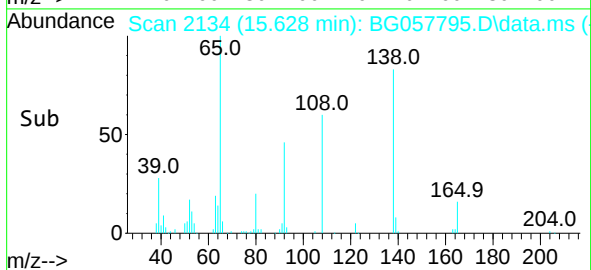
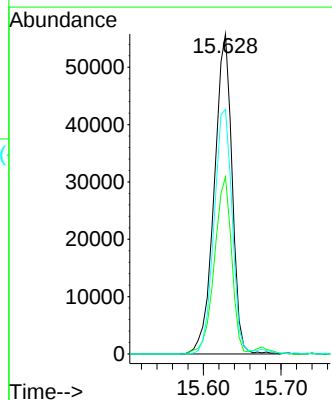
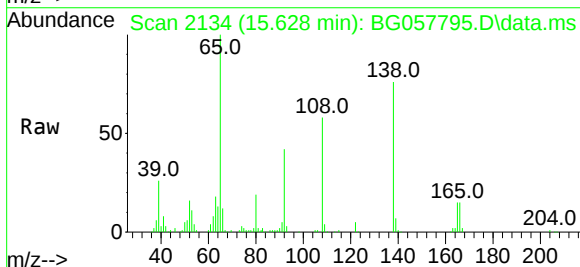
Manual Integrations
APPROVED

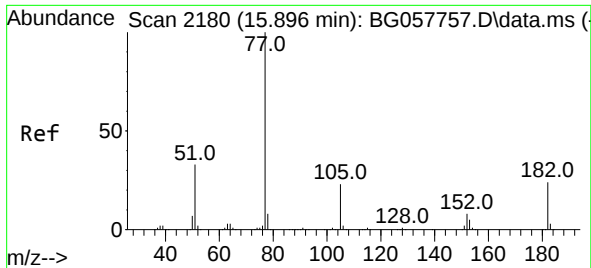
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#62
4-Nitroaniline
Concen: 54.824 ng
RT: 15.628 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

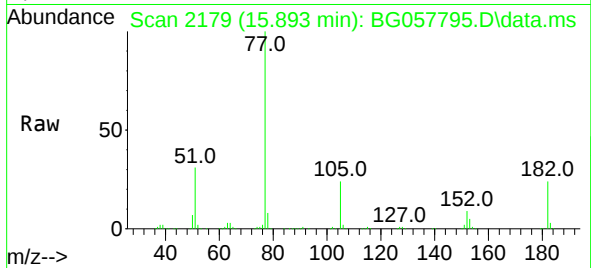
Tgt Ion:138 Resp: 89045
Ion Ratio Lower Upper
138 100
92 55.3 35.9 75.9
108 76.5 62.1 102.1





#63
Azobenzene
Concen: 47.142 ng
RT: 15.893 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

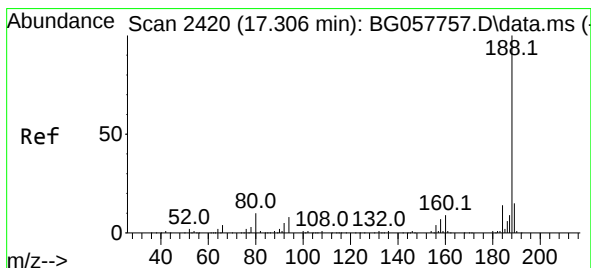
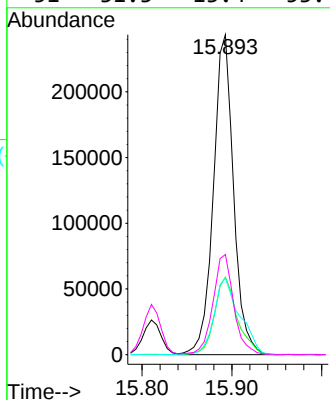
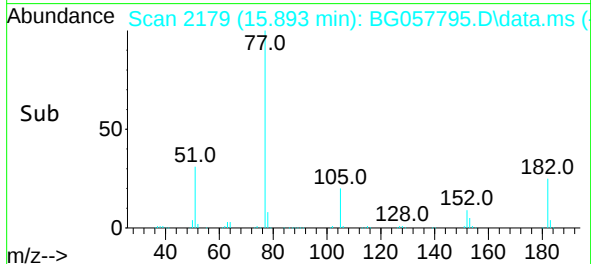
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



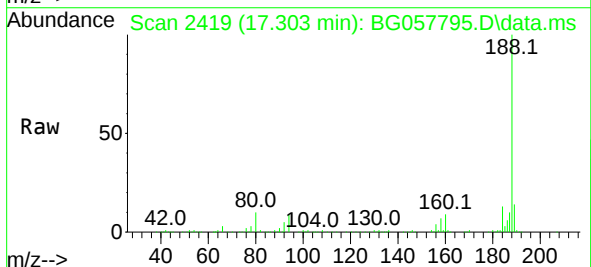
Tgt Ion: 77 Resp: 379798
Ion Ratio Lower Upper
77 100
182 24.2 4.1 44.1
105 24.0 3.3 43.3
51 31.3 13.4 53.4

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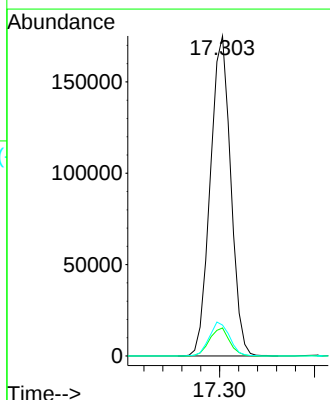
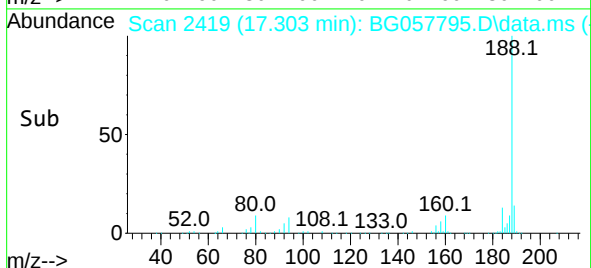
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

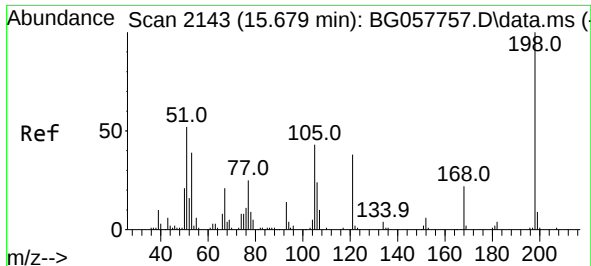


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.303 min Scan# 2419
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



Tgt Ion:188 Resp: 262062
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 9.7 7.6 11.4





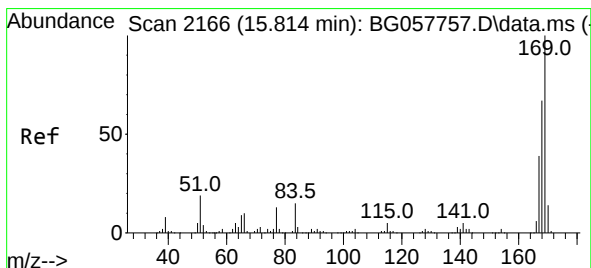
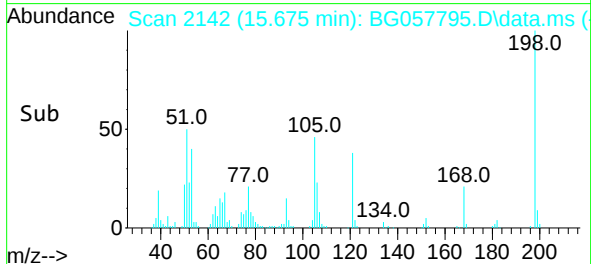
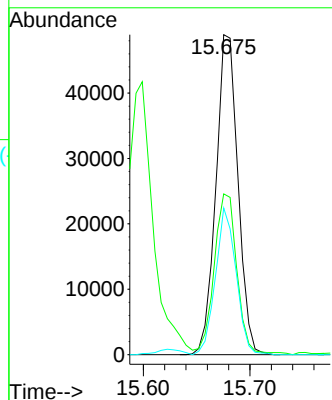
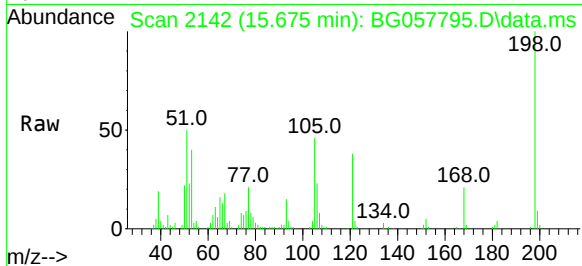
#65
4,6-Dinitro-2-methylphenol
Concen: 57.117 ng
RT: 15.675 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

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

Tgt Ion:198 Resp: 7012
Ion Ratio Lower Upper
198 100
51 50.2 36.6 76.6
105 45.8 24.3 64.3

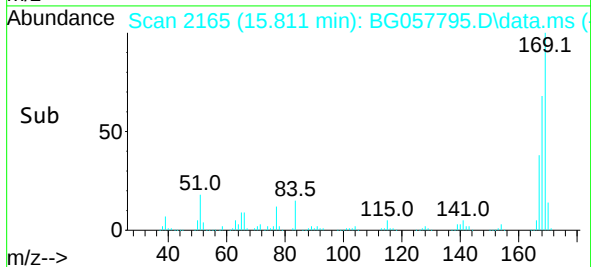
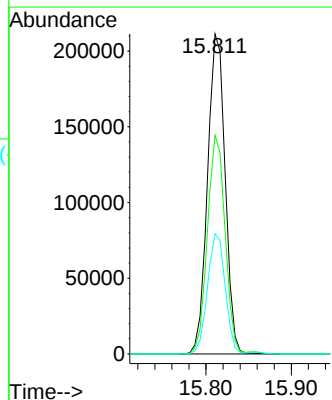
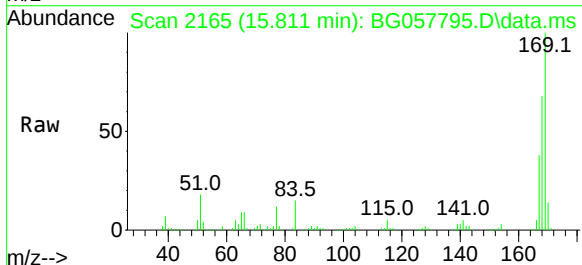
Manual Integrations
APPROVED

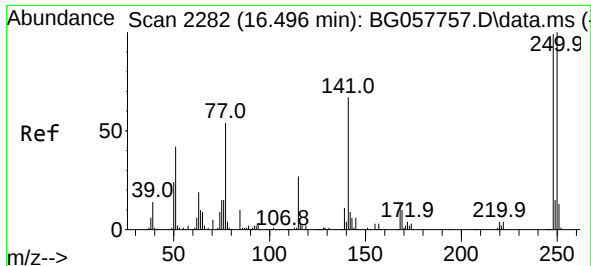
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 43.790 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

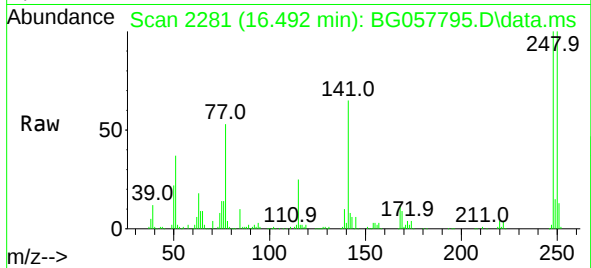
Tgt Ion:169 Resp: 302876
Ion Ratio Lower Upper
169 100
168 68.3 53.4 80.2
167 37.6 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 43.532 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

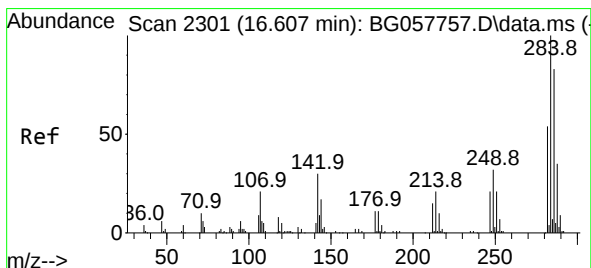
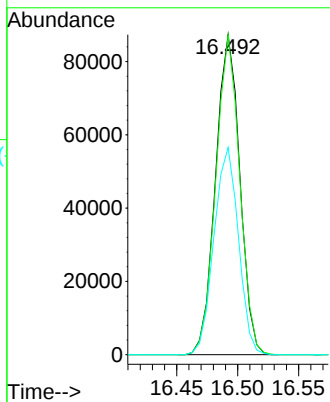
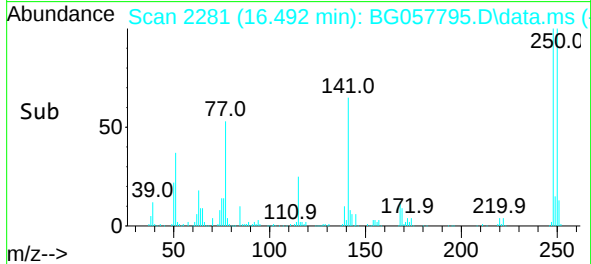
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



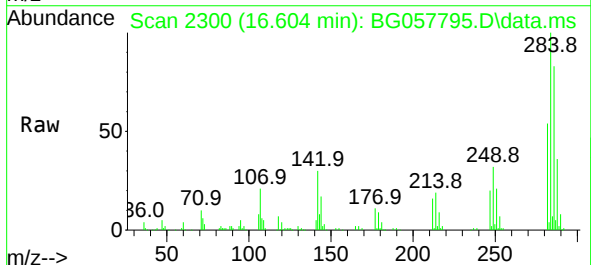
Tgt Ion:248 Resp: 120980
Ion Ratio Lower Upper
248 100
250 99.8 81.1 121.7
141 64.7 54.6 81.8

Manual Integrations
APPROVED

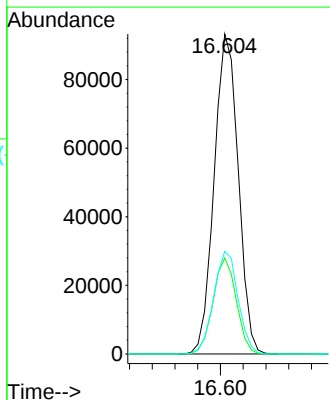
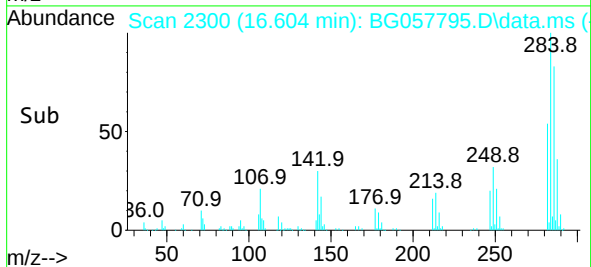
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

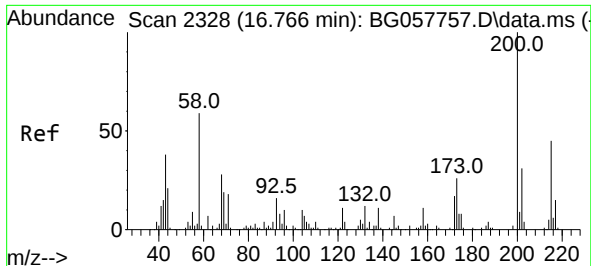


#68
Hexachlorobenzene
Concen: 48.349 ng
RT: 16.604 min Scan# 2300
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



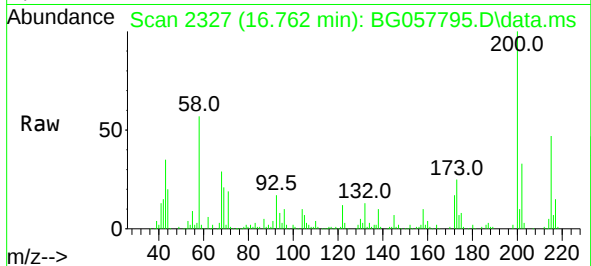
Tgt Ion:284 Resp: 136987
Ion Ratio Lower Upper
284 100
142 30.0 24.2 36.4
249 32.0 25.9 38.9





#69
 Atrazine
 Concen: 54.533 ng
 RT: 16.762 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057795.D
 Acq: 21 Jun 2023 22:12

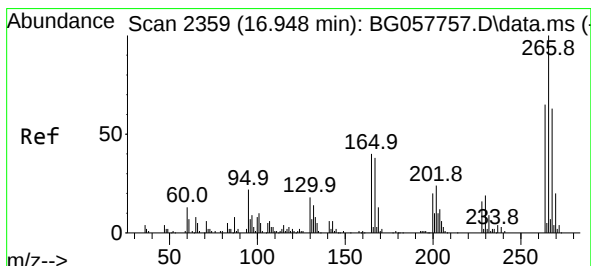
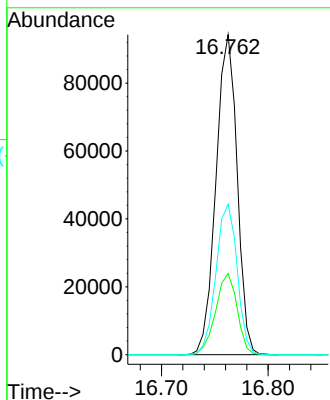
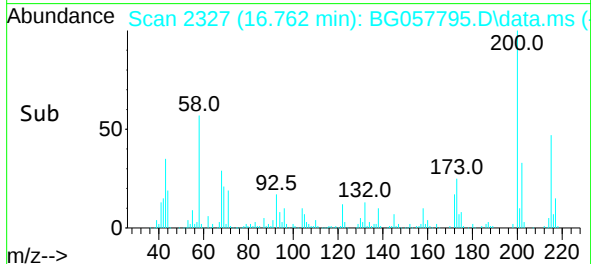
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-12.0-14.0-DUPMS



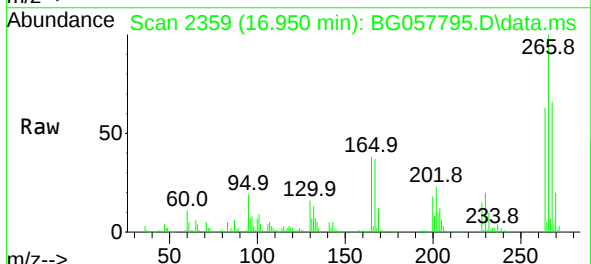
Tgt Ion:200 Resp: 12947
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.6 45.6
 215 47.0 24.6 64.6

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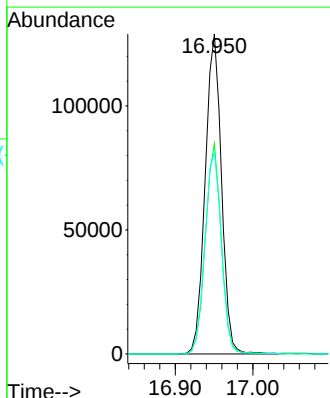
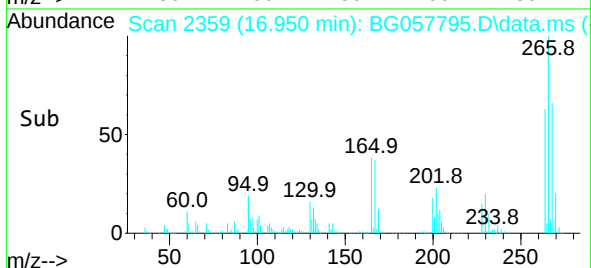
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

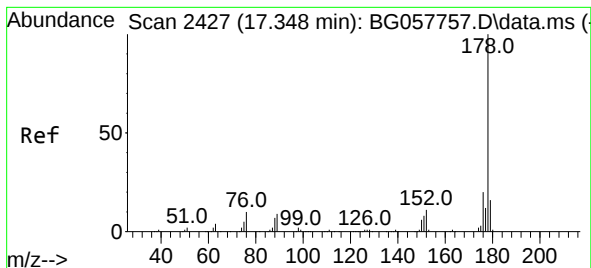


#70
 Pentachlorophenol
 Concen: 89.978 ng
 RT: 16.950 min Scan# 2359
 Delta R.T. 0.002 min
 Lab File: BG057795.D
 Acq: 21 Jun 2023 22:12



Tgt Ion:266 Resp: 188336
 Ion Ratio Lower Upper
 266 100
 268 65.7 50.5 75.7
 264 63.2 51.8 77.6





#71

Phenanthrene

Concen: 45.604 ng

RT: 17.344 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMS

Tgt Ion:178 Resp: 57864

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

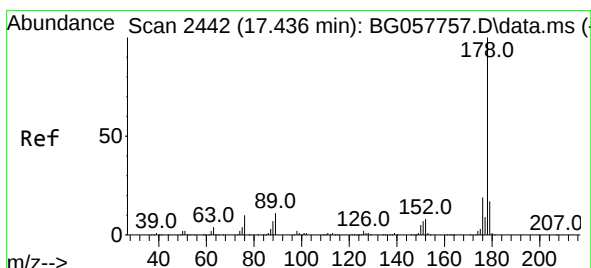
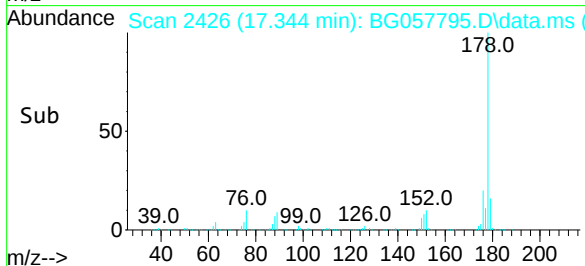
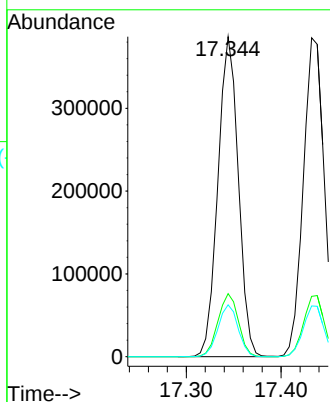
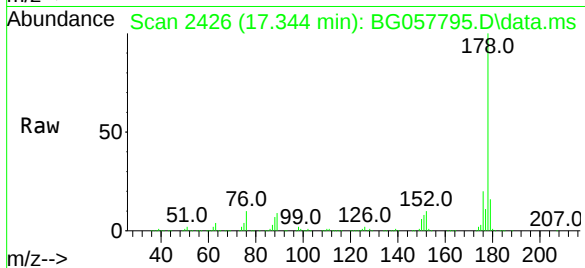
179 16.2 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#72

Anthracene

Concen: 45.381 ng

RT: 17.432 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

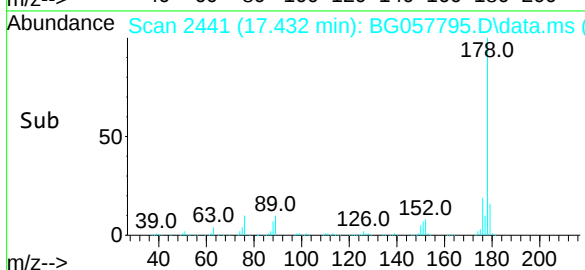
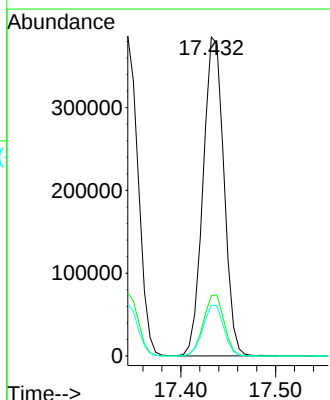
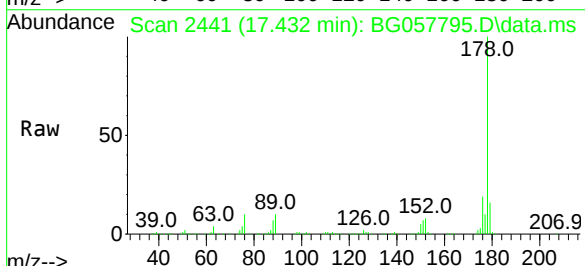
Tgt Ion:178 Resp: 587981

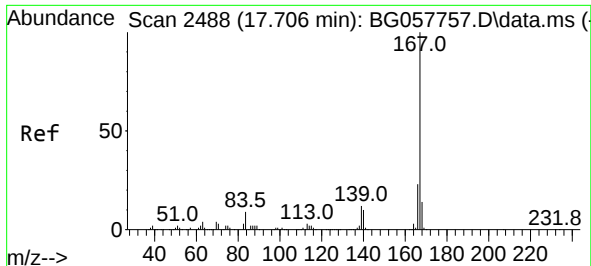
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

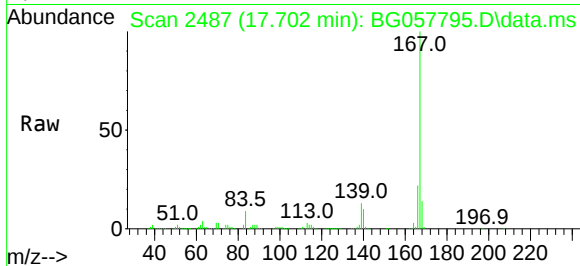
179 15.9 13.3 19.9





#73
Carbazole
Concen: 47.515 ng
RT: 17.702 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

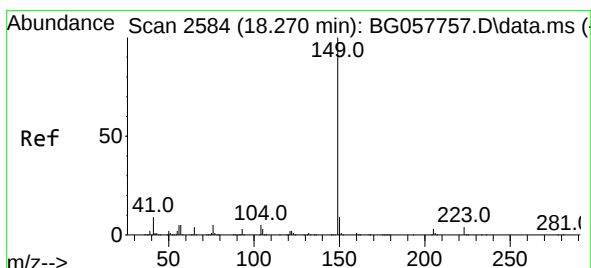
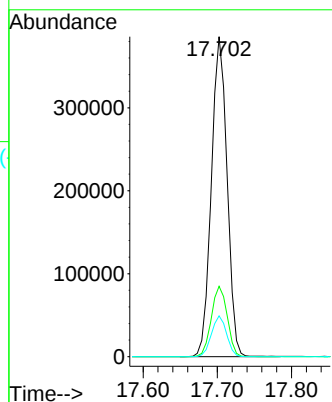
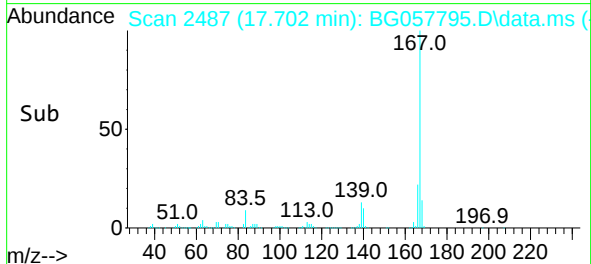
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



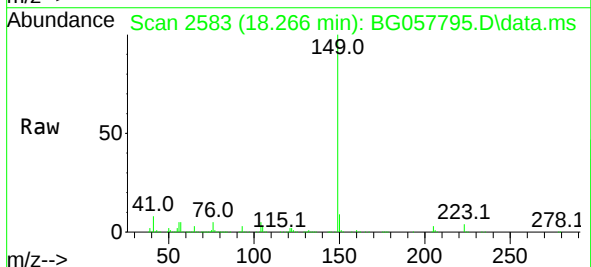
Tgt Ion:167 Resp: 56763
Ion Ratio Lower Upper
167 100
166 22.0 18.4 27.6
139 12.7 9.9 14.9

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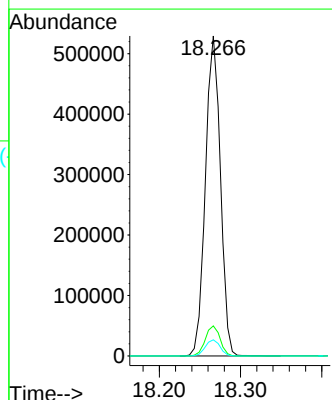
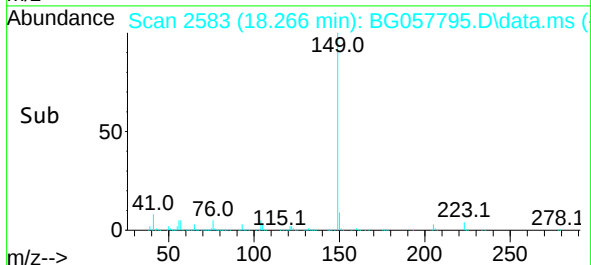
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

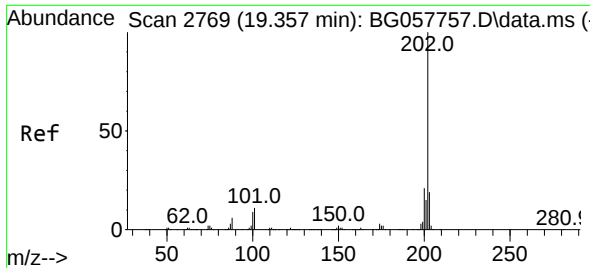


#74
Di-n-butylphthalate
Concen: 47.816 ng
RT: 18.266 min Scan# 2583
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



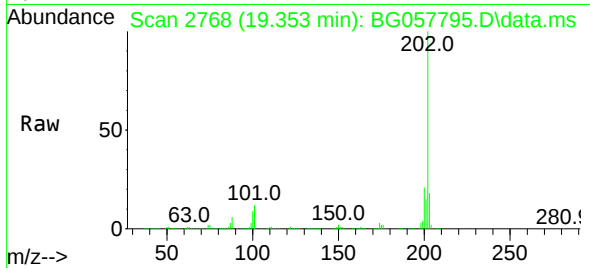
Tgt Ion:149 Resp: 676367
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 46.211 ng
RT: 19.353 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

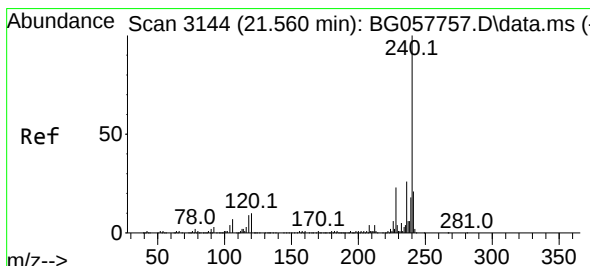
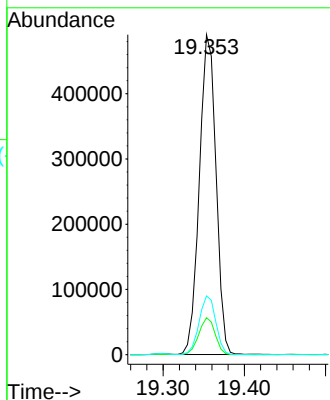
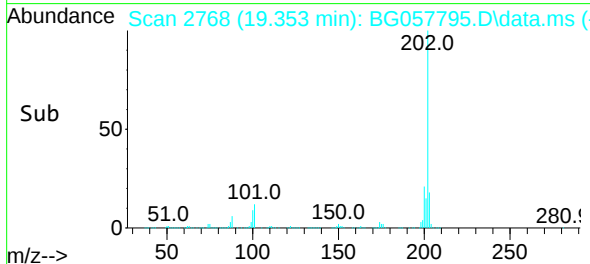
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:202 Resp: 69852
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 18.4 0.0 38.7

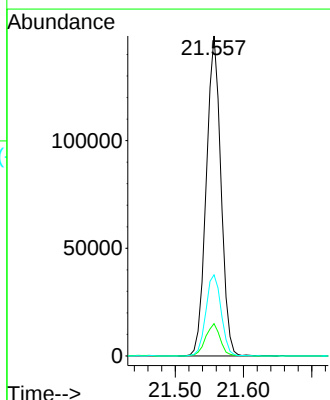
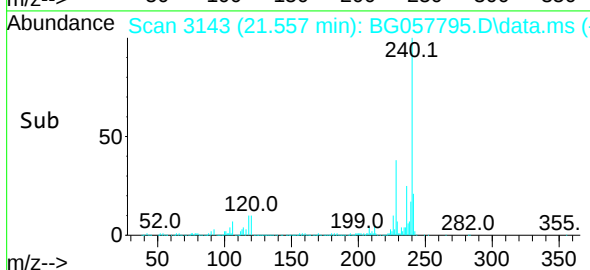
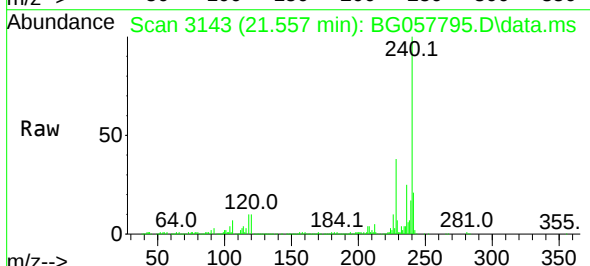
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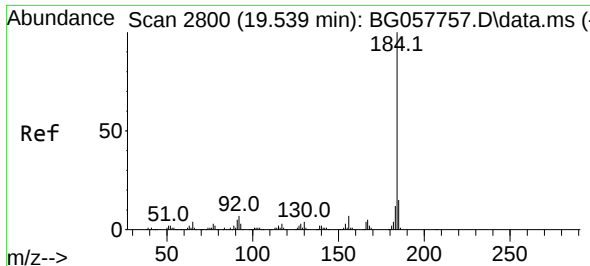
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

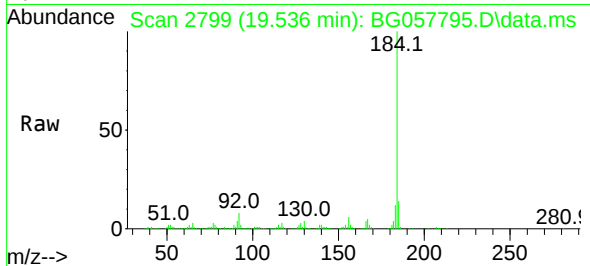
Tgt Ion:240 Resp: 222173
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.3 20.6 30.8





#77
Benzidine
Concen: 81.639 ng
RT: 19.536 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

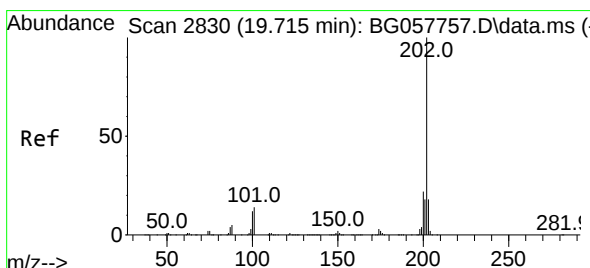
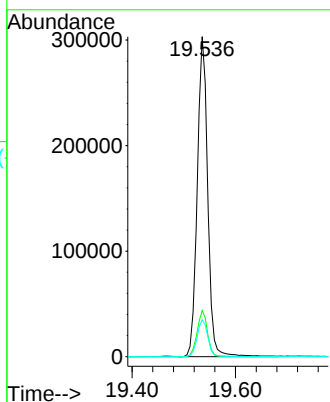
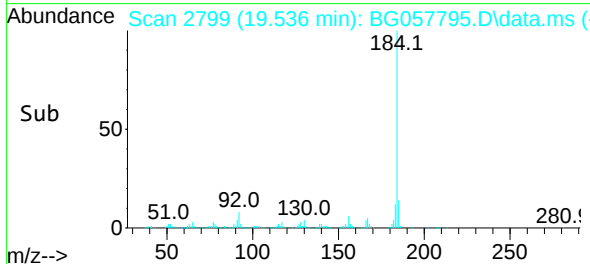
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



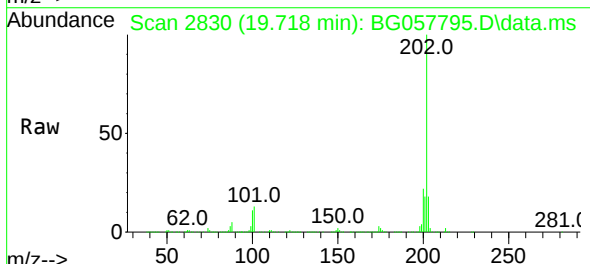
Tgt Ion:184 Resp: 42517
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.6 9.4 14.0

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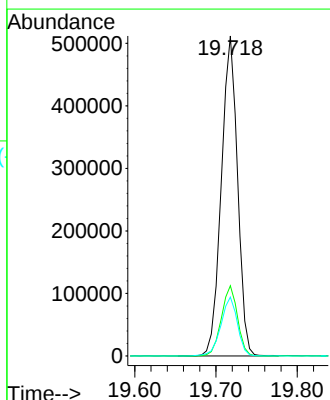
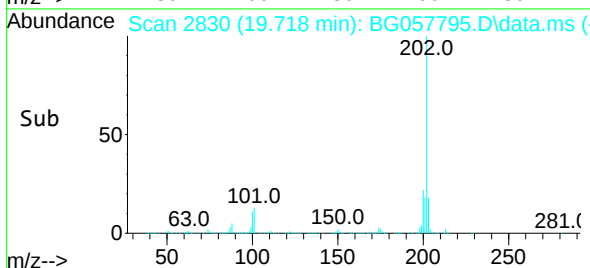
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

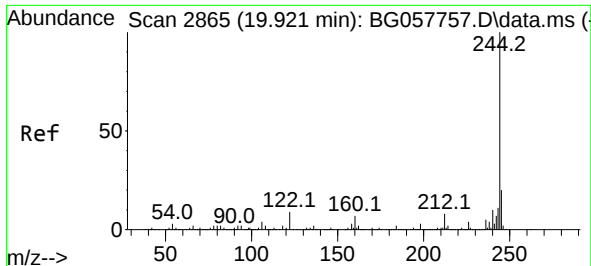


#78
Pyrene
Concen: 44.932 ng
RT: 19.718 min Scan# 2830
Delta R.T. 0.002 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



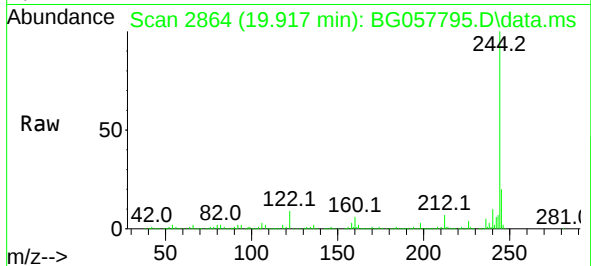
Tgt Ion:202 Resp: 712107
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.0
203 18.4 14.6 22.0





#79
 Terphenyl-d14
 Concen: 67.018 ng
 RT: 19.917 min Scan# 2864
 Delta R.T. -0.004 min
 Lab File: BG057795.D
 Acq: 21 Jun 2023 22:12

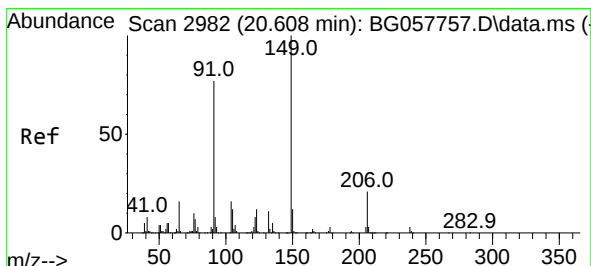
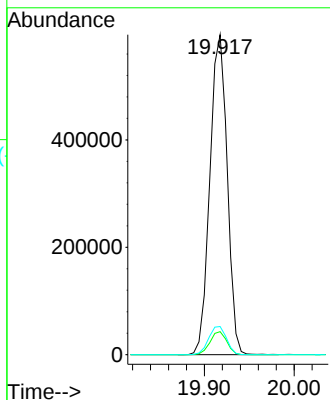
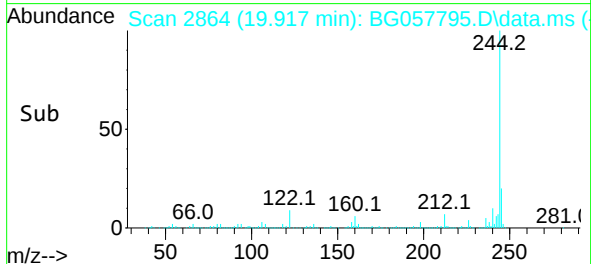
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-12.0-14.0-DUPMS



Tgt Ion:244 Resp: 798510
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.8 7.6 11.4

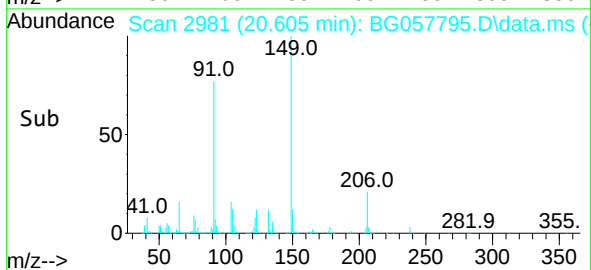
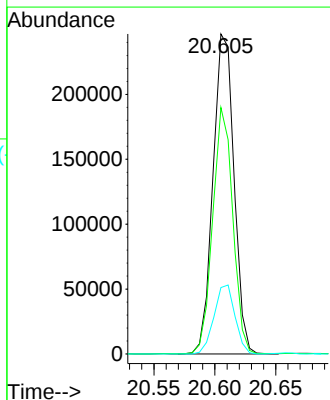
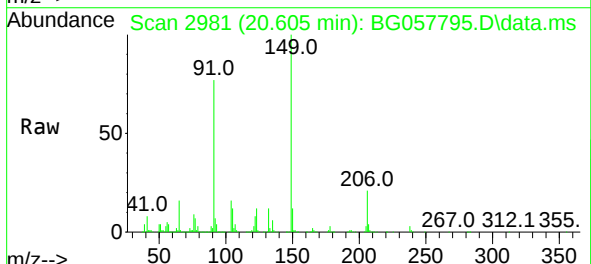
Manual Integrations
 APPROVED

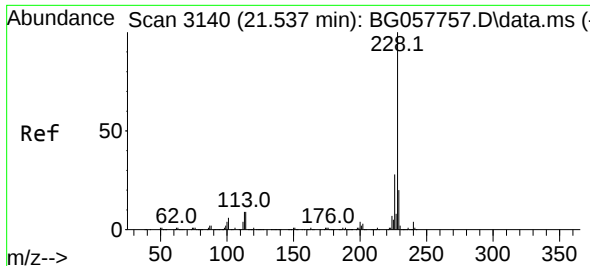
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023



#80
 Butylbenzylphthalate
 Concen: 49.128 ng
 RT: 20.605 min Scan# 2981
 Delta R.T. -0.003 min
 Lab File: BG057795.D
 Acq: 21 Jun 2023 22:12

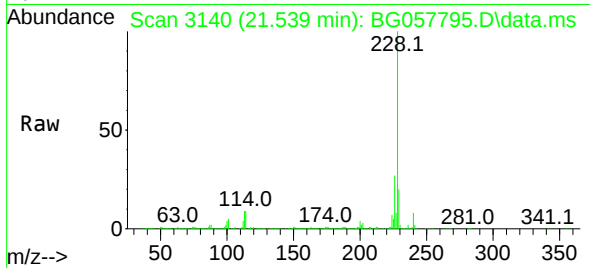
Tgt Ion:149 Resp: 296188
 Ion Ratio Lower Upper
 149 100
 91 77.0 61.7 92.5
 206 20.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 46.328 ng
RT: 21.539 min Scan# 3140
Delta R.T. 0.002 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

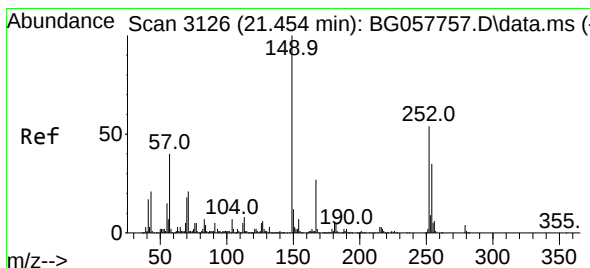
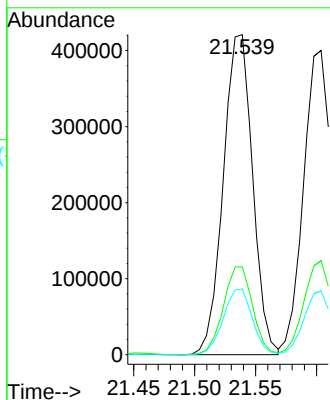
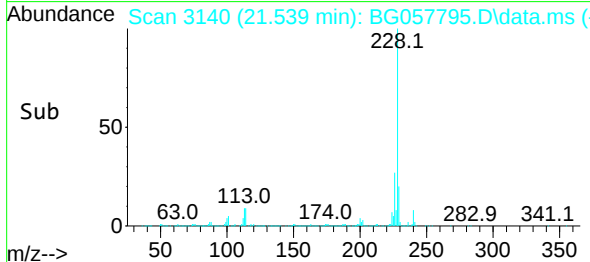
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:228 Resp: 706190
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.5 16.3 24.5

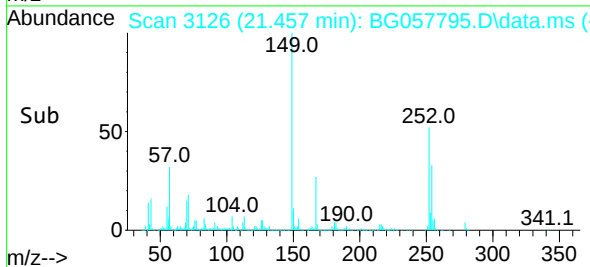
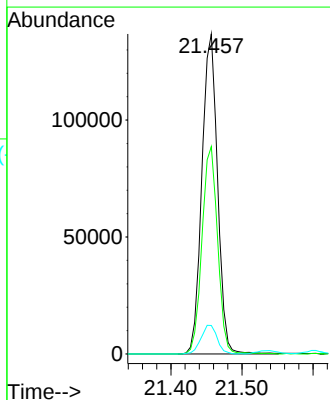
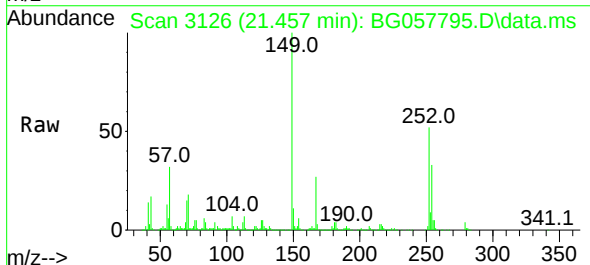
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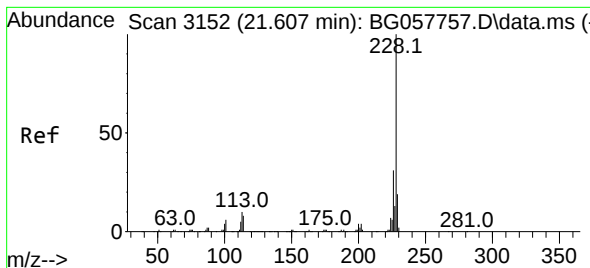
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.473 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

Tgt Ion:252 Resp: 209831
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.6
126 8.9 7.0 10.6





#83

Chrysene

Concen: 44.720 ng

RT: 21.604 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

Instrument :

BNA_G

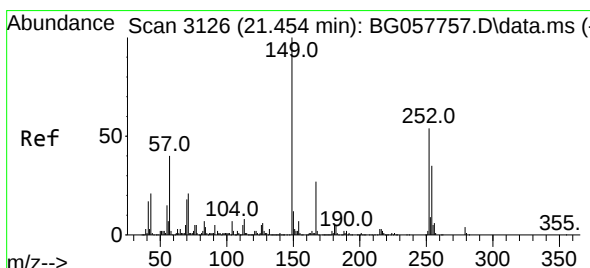
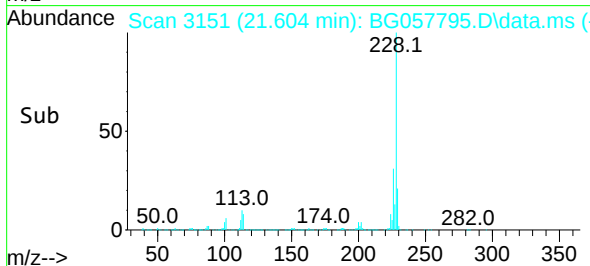
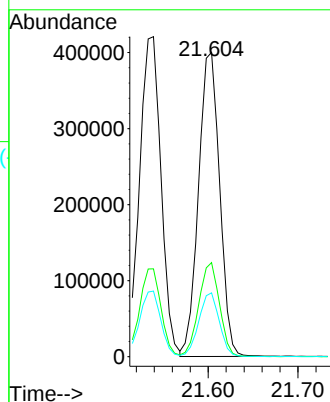
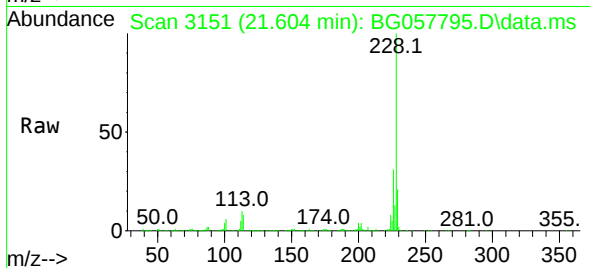
ClientSampleId :

SB-06-12.0-14.0-DUPMS

Tgt Ion:228 Resp: 654199
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.8 37.2
 229 21.0 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: 47.759 ng

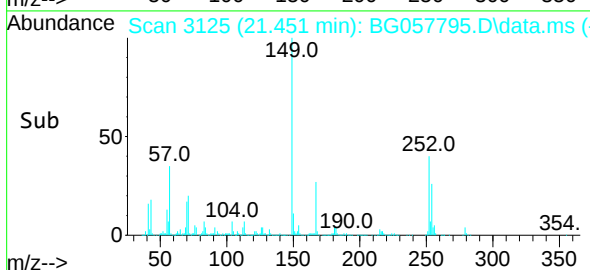
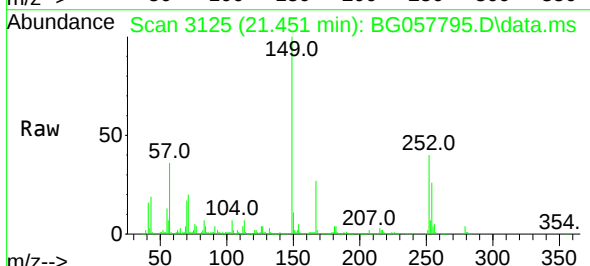
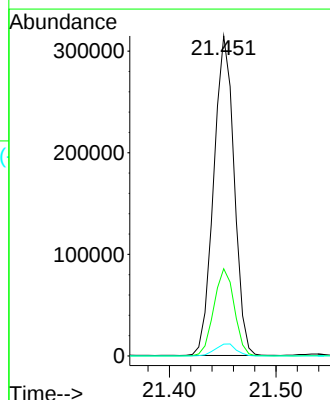
RT: 21.451 min Scan# 3125

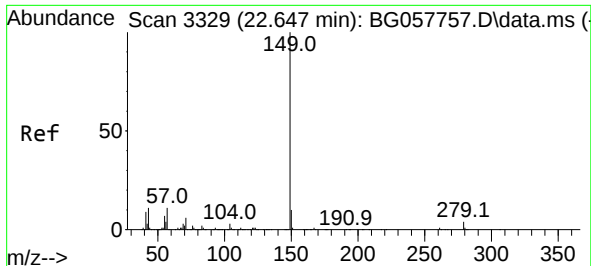
Delta R.T. -0.004 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

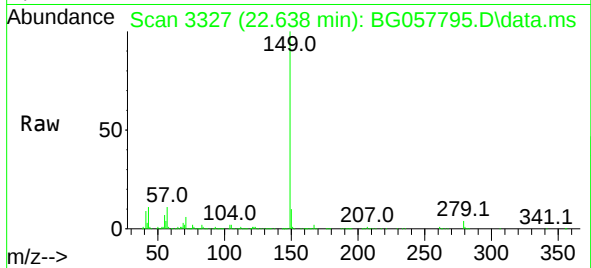
Tgt Ion:149 Resp: 418051
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 49.366 ng
RT: 22.638 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

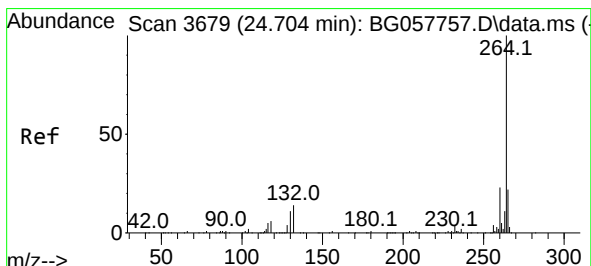
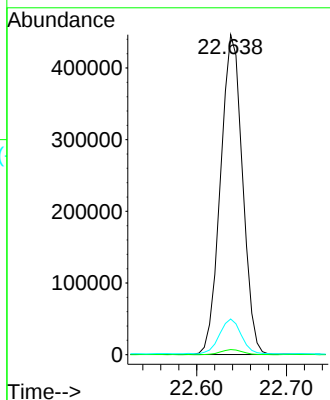
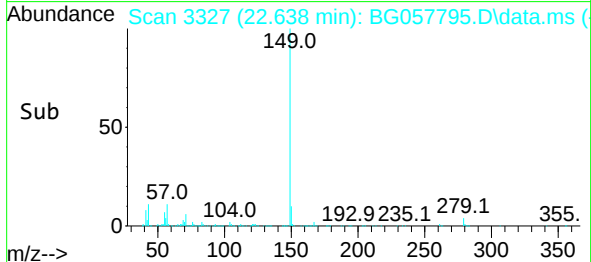
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



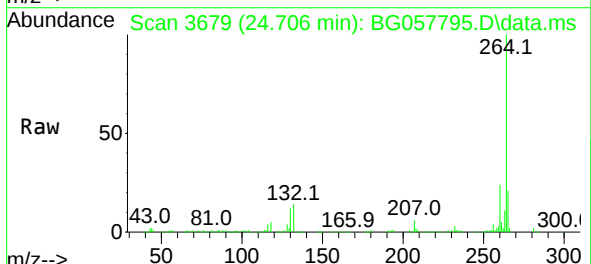
Tgt Ion:149 Resp: 757932
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.6 14.4

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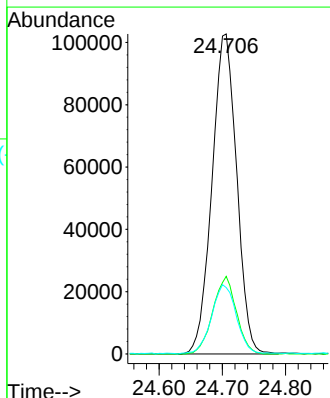
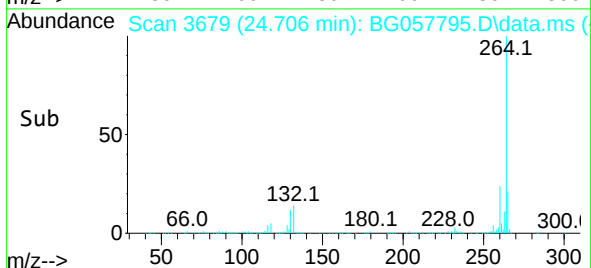
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

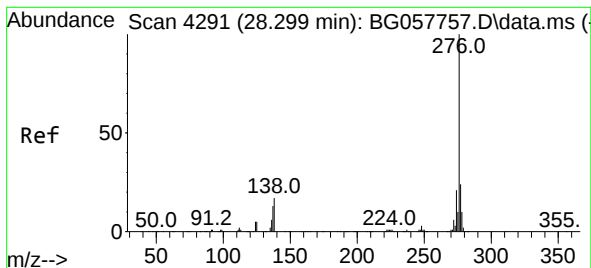


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.706 min Scan# 3679
Delta R.T. 0.002 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12



Tgt Ion:264 Resp: 278440
Ion Ratio Lower Upper
264 100
260 24.3 18.5 27.7
265 20.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.498 ng

RT: 28.290 min Scan# 4291

Delta R.T. -0.009 min

Lab File: BG057795.D

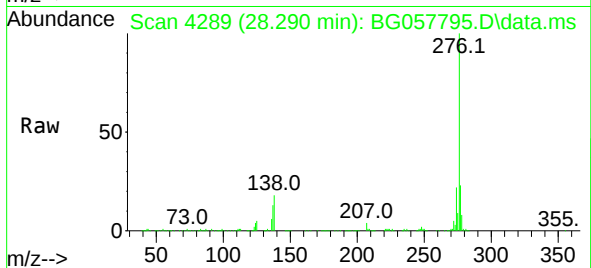
Acq: 21 Jun 2023 22:12

Instrument :

BNA_G

ClientSampleId :

SB-06-12.0-14.0-DUPMS



Tgt Ion:276 Resp: 864692

Ion Ratio Lower Upper

276 100

138 8.6 11.3 16.9

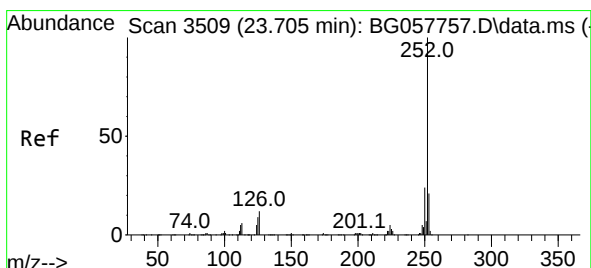
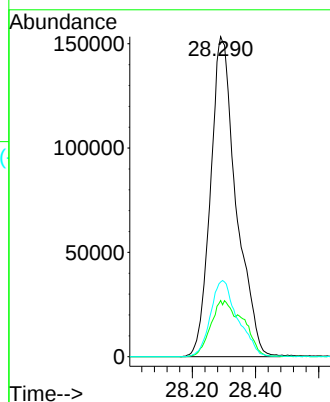
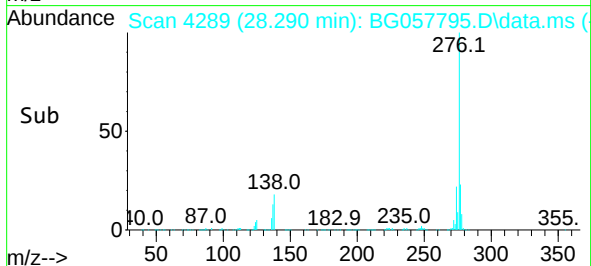
277 25.3 20.4 30.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#88

Benzo(b)fluoranthene

Concen: 47.482 ng

RT: 23.707 min Scan# 3509

Delta R.T. 0.002 min

Lab File: BG057795.D

Acq: 21 Jun 2023 22:12

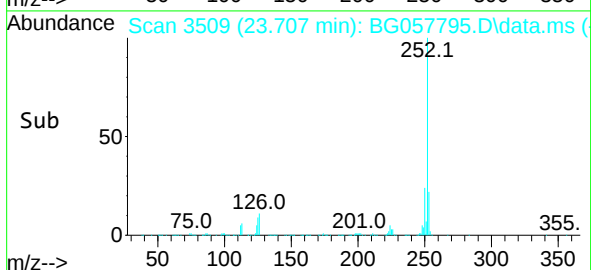
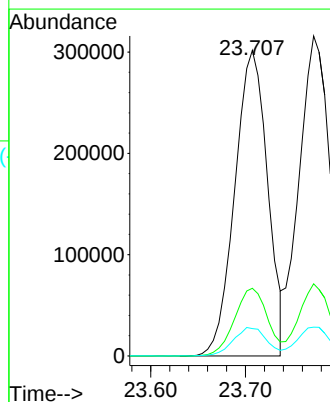
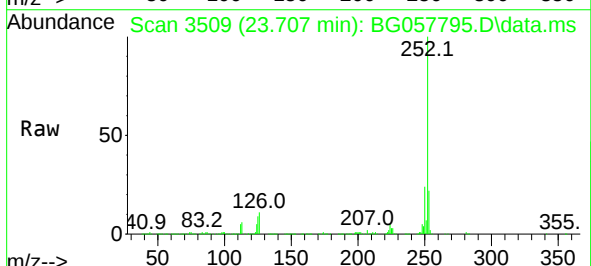
Tgt Ion:252 Resp: 724494

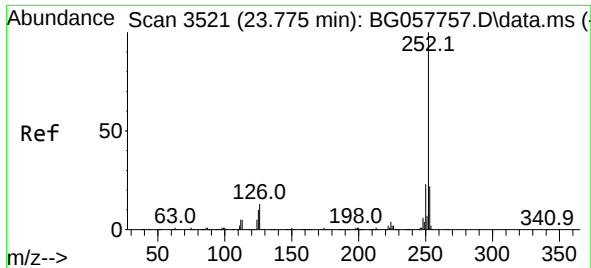
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

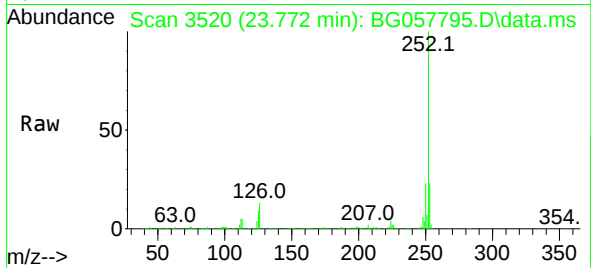
125 8.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 46.749 ng
RT: 23.772 min Scan# 3521
Delta R.T. -0.004 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

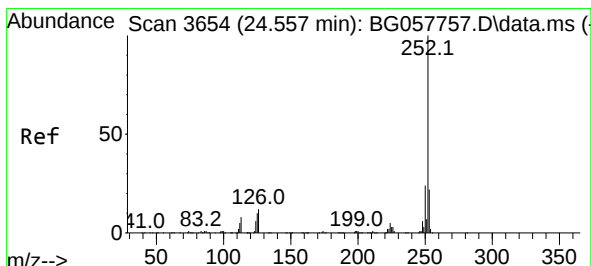
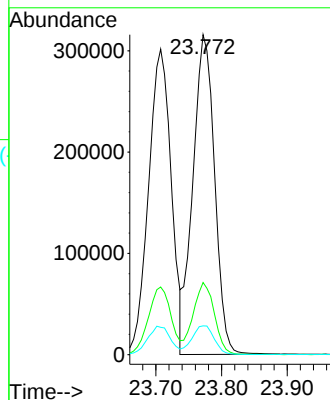
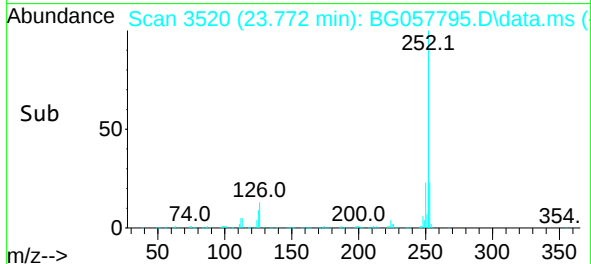
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:252 Resp: 726488
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 9.0 7.6 11.4

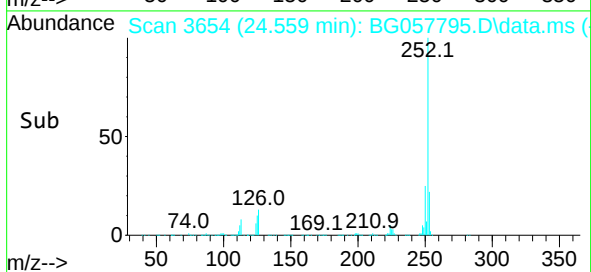
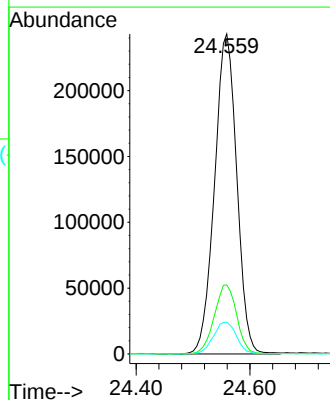
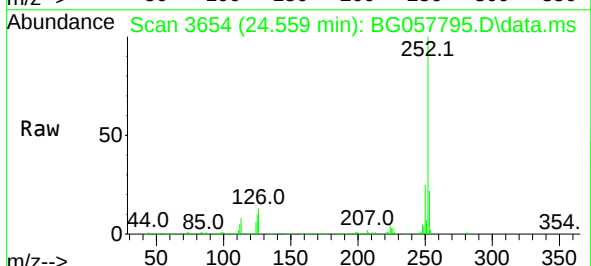
Manual Integrations
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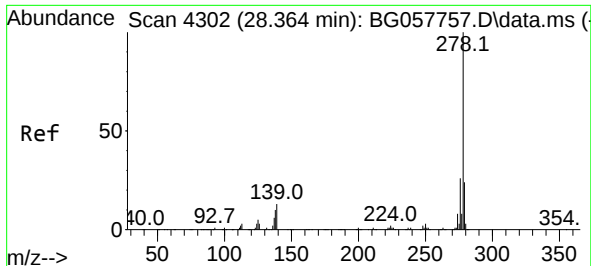
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 43.984 ng
RT: 24.559 min Scan# 3654
Delta R.T. 0.002 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

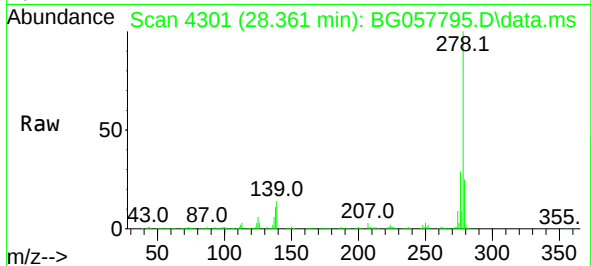
Tgt Ion:252 Resp: 659105
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.0 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 47.579 ng
RT: 28.361 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

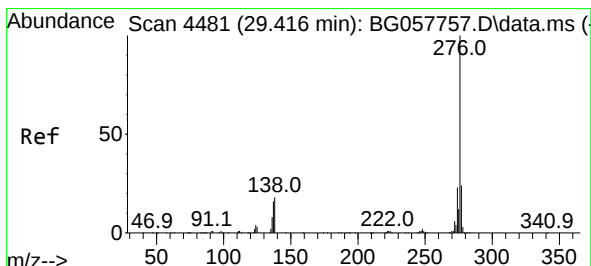
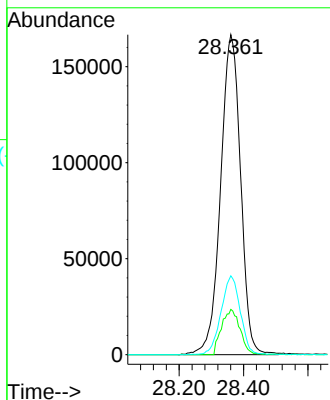
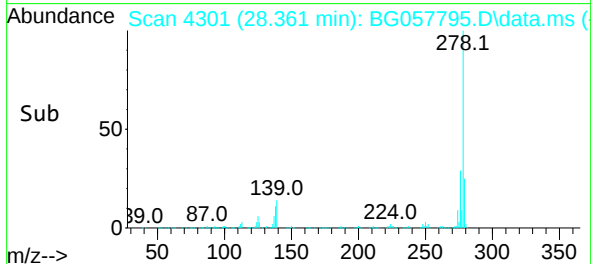
Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMS



Tgt Ion:278 Resp: 71867
Ion Ratio Lower Upper
278 100
139 14.2 10.8 16.2
279 24.6 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: 46.437 ng
RT: 29.424 min Scan# 4482
Delta R.T. 0.008 min
Lab File: BG057795.D
Acq: 21 Jun 2023 22:12

Tgt Ion:276 Resp: 702323
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 18.5 14.2 21.4

