

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057801.D
 Acq On : 22 Jun 2023 8:38
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 14:18:58 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	34406	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	155094	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	112064	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	270928	20.000	ng	0.00
76) Chrysene-d12	21.555	240	230590	20.000	ng	0.00
86) Perylene-d12	24.705	264	287067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	180508	80.895	ng	-0.01
7) Phenol-d6	7.078	99	280294	82.324	ng	-0.01
23) Nitrobenzene-d5	9.082	82	254538	84.231	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	137693	88.206	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	586335	79.358	ng	0.00
79) Terphenyl-d14	19.916	244	991323	80.163	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.400	88	38032	37.443	ng	93
3) Pyridine	3.794	79	124743	40.323	ng	94
4) n-Nitrosodimethylamine	3.706	42	50732	35.889	ng	92
6) Aniline	7.243	93	174809	40.098	ng	98
8) 2-Chlorophenol	7.484	128	92962	40.497	ng	98
9) Benzaldehyde	7.061	77	72483	33.857	ng	94
10) Phenol	7.108	94	138627	41.352	ng	96
11) bis(2-Chloroethyl)ether	7.343	93	101101	39.225	ng	97
12) 1,3-Dichlorobenzene	7.813	146	89948	38.503	ng	96
13) 1,4-Dichlorobenzene	7.959	146	92196	38.949	ng	95
14) 1,2-Dichlorobenzene	8.277	146	90771	39.630	ng	95
15) Benzyl Alcohol	8.159	79	106297	40.830	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	174334m	35.210	ng	
17) 2-Methylphenol	8.359	107	101046	40.982	ng	98
18) Hexachloroethane	9.005	117	32928	39.450	ng	94
19) n-Nitroso-di-n-propyla...	8.723	70	94365	39.754	ng	98
20) 3+4-Methylphenols	8.688	107	145360	42.680	ng	97
22) Acetophenone	8.741	105	176282	40.532	ng	95
24) Nitrobenzene	9.123	77	129721	41.246	ng	93
25) Isophorone	9.646	82	278998	40.411	ng	97
26) 2-Nitrophenol	9.834	139	53267	53.236	ng	97
27) 2,4-Dimethylphenol	9.893	122	102072	41.204	ng	95
28) bis(2-Chloroethoxy)met...	10.128	93	151160	40.656	ng	99
29) 2,4-Dichlorophenol	10.368	162	100790	42.845	ng	96
30) 1,2,4-Trichlorobenzene	10.586	180	106423	40.586	ng	96
31) Naphthalene	10.774	128	335160	40.603	ng	98
32) Benzoic acid	10.022	122	87183	47.801	ng	97
33) 4-Chloroaniline	10.880	127	159749	41.768	ng	99
34) Hexachlorobutadiene	11.062	225	63112	39.451	ng	95
35) Caprolactam	11.655	113	40651	42.585	ng	# 80
36) 4-Chloro-3-methylphenol	12.002	107	130698	42.541	ng	99
37) 2-Methylnaphthalene	12.384	142	244035	40.559	ng	97
38) 1-Methylnaphthalene	12.601	142	229325	40.376	ng	97
40) 1,2,4,5-Tetrachloroben...	12.748	216	126561	40.738	ng	99
41) Hexachlorocyclopentadiene	12.730	237	71033	43.067	ng	97
43) 2,4,6-Trichlorophenol	12.989	196	95102	42.752	ng	96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

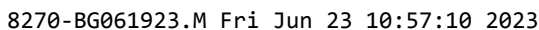
Response via : Initial Calibration

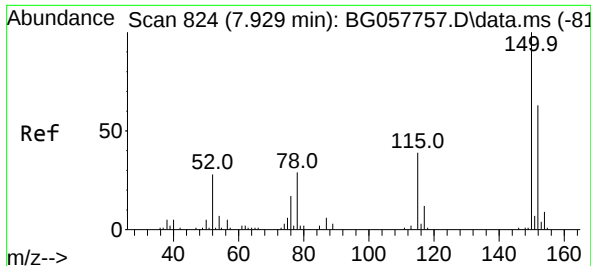
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	114277	44.072	ng	94
46) 1,1'-Biphenyl	13.394	154	310284	40.325	ng	99
47) 2-Chloronaphthalene	13.435	162	241963	40.931	ng	98
48) 2-Nitroaniline	13.635	65	96379	45.879	ng	94
49) Acenaphthylene	14.281	152	411889	40.594	ng	99
50) Dimethylphthalate	14.017	163	347380	40.359	ng	100
51) 2,6-Dinitrotoluene	14.129	165	73940	46.650	ng	95
52) Acenaphthene	14.622	154	257933m	41.063	ng	
53) 3-Nitroaniline	14.458	138	82800	46.356	ng	96
54) 2,4-Dinitrophenol	14.663	184	39756	49.351	ng	93
55) Dibenzofuran	14.957	168	405035	40.102	ng	100
56) 4-Nitrophenol	14.763	139	67119	47.283	ng	87
57) 2,4-Dinitrotoluene	14.916	165	104189	48.474	ng	96
58) Fluorene	15.603	166	320557	40.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	96711	43.765	ng	100
60) Diethylphthalate	15.374	149	356113	40.329	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	172035	40.468	ng	98
62) 4-Nitroaniline	15.627	138	82106	45.089	ng	96
63) Azobenzene	15.891	77	350262	38.778	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	58066	46.803	ng	92
66) n-Nitrosodiphenylamine	15.809	169	287286	40.176	ng	98
67) 4-Bromophenyl-phenylether	16.491	248	116448	40.528	ng	93
68) Hexachlorobenzene	16.602	284	120522	41.146	ng	99
69) Atrazine	16.761	200	96329	39.244	ng	97
70) Pentachlorophenol	16.949	266	96025	44.375	ng	98
71) Phenanthrene	17.343	178	517448	39.446	ng	99
72) Anthracene	17.437	178	534765	39.923	ng	99
73) Carbazole	17.701	167	495089	40.086	ng	99
74) Di-n-butylphthalate	18.265	149	611109	41.788	ng	100
75) Fluoranthene	19.352	202	626159	40.068	ng	100
77) Benzidine	19.534	184	250682	46.377	ng	98
78) Pyrene	19.716	202	639930	38.904	ng	99
80) Butylbenzylphthalate	20.609	149	274677	43.897	ng	93
81) Benzo(a)anthracene	21.538	228	650008	41.086	ng	98
82) 3,3'-Dichlorobenzidine	21.455	252	234663	43.611	ng	100
83) Chrysene	21.602	228	622629	41.009	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	392337	43.185	ng	99
85) Di-n-octyl phthalate	22.636	149	706574	44.341	ng	97
87) Indeno(1,2,3-cd)pyrene	28.294	276	783134	41.725	ng	99
88) Benzo(b)fluoranthene	23.706	252	643724	40.921	ng	98
89) Benzo(k)fluoranthene	23.770	252	660197	41.207	ng	100
90) Benzo(a)pyrene	24.558	252	642979	41.619	ng	99
91) Dibenzo(a,h)anthracene	28.365	278	648052	41.614	ng	100
92) Benzo(g,h,i)perylene	29.423	276	639974	41.043	ng	100

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

Manual Integrations

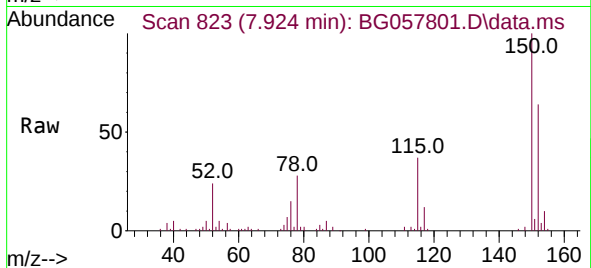
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QLast Update : Tue Jun 20 03:40:38 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

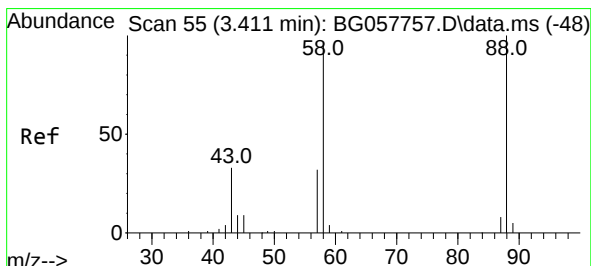
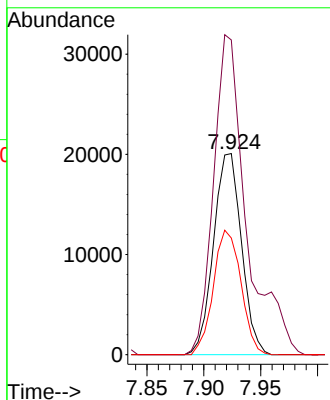
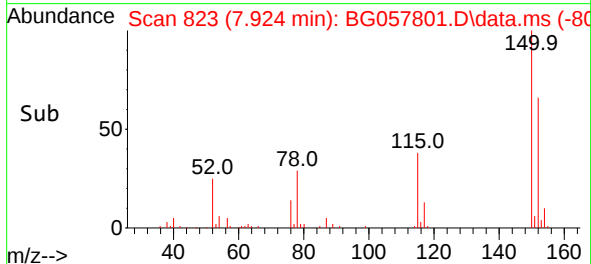
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 34400
Ion Ratio Lower Upper
152 100
150 156.5 126.6 189.8
115 58.0 48.9 73.3

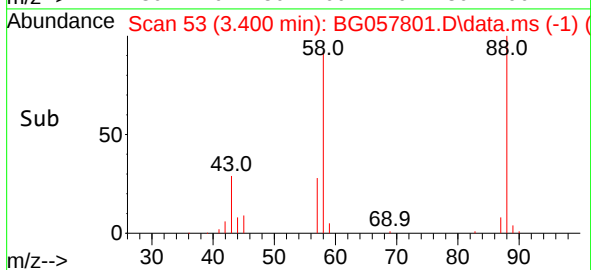
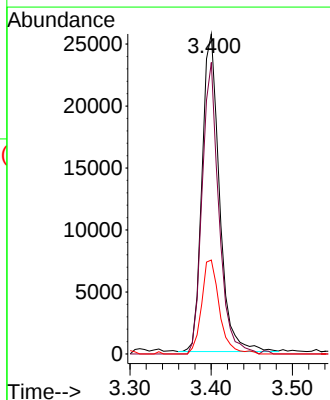
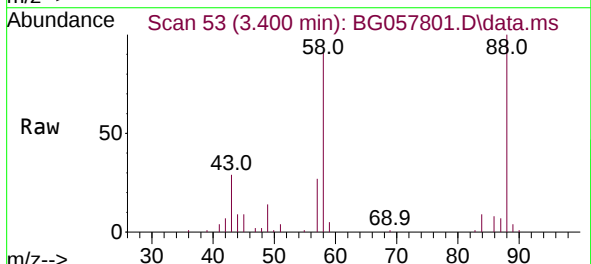
Manual Integrations
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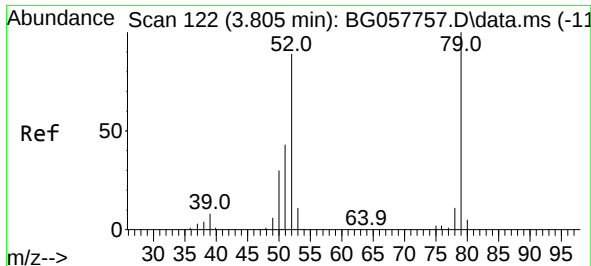
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 37.443 ng
RT: 3.400 min Scan# 53
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion: 88 Resp: 38032
Ion Ratio Lower Upper
88 100
58 88.0 76.2 114.4
43 30.4 26.3 39.5





#3
Pyridine
Concen: 40.323 ng
RT: 3.794 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

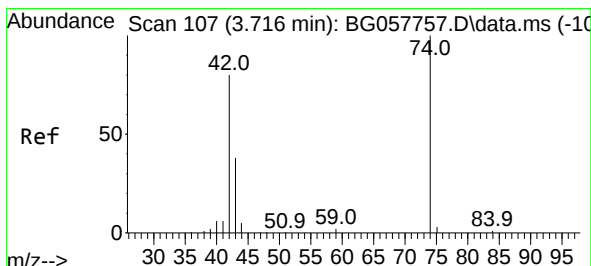
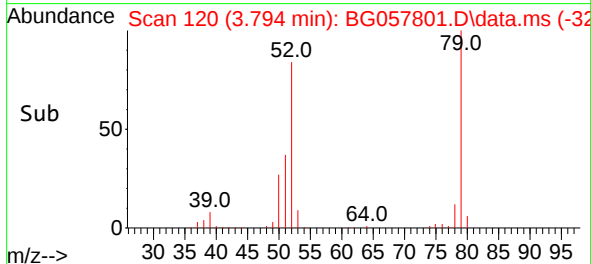
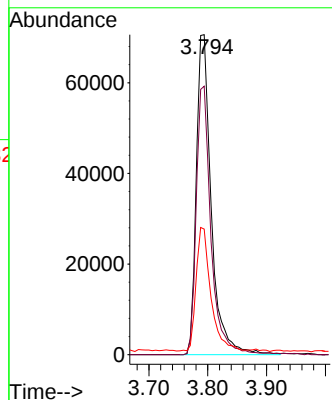
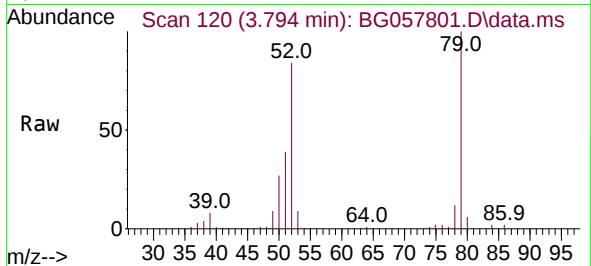
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 12474
Ion Ratio Lower Upper
79 100
52 83.9 71.4 107.0
51 39.3 34.9 52.3

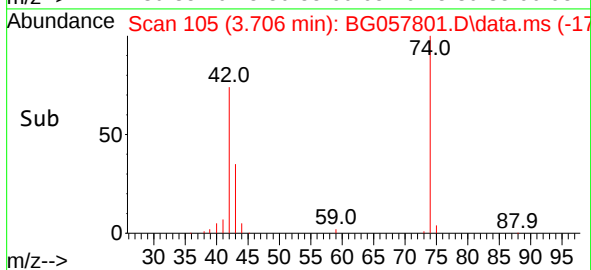
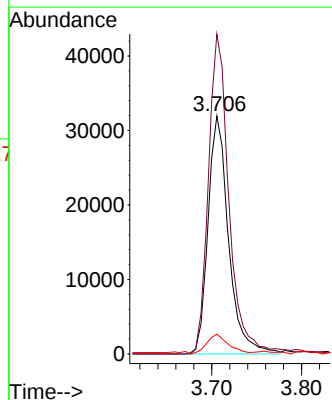
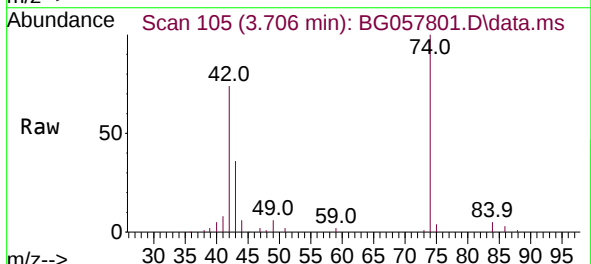
Manual Integrations
APPROVED

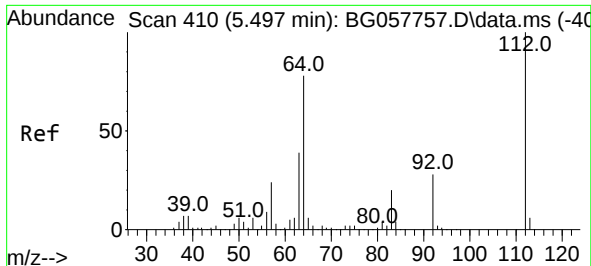
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#4
n-Nitrosodimethylamine
Concen: 35.889 ng
RT: 3.706 min Scan# 105
Delta R.T. -0.010 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion: 42 Resp: 50732
Ion Ratio Lower Upper
42 100
74 134.5 99.9 149.9
44 8.3 6.0 9.0





#5
2-Fluorophenol
Concen: 80.895 ng
RT: 5.486 min Scan# 408
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

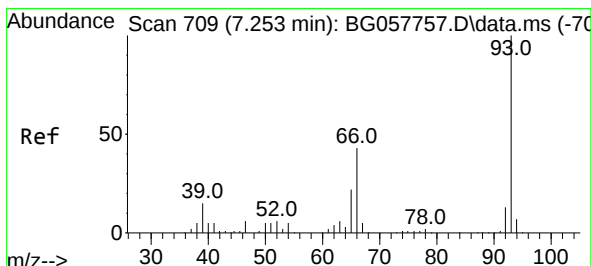
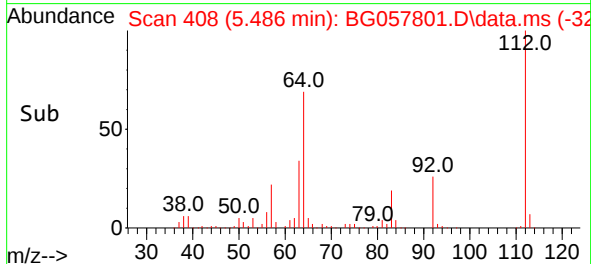
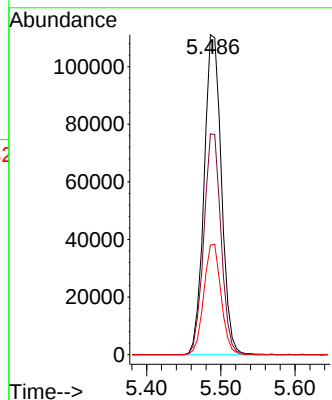
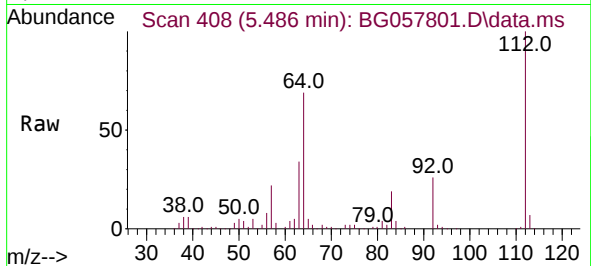
SSTDCCC040

Tgt Ion:112 Resp: 180508
Ion Ratio Lower Upper
112 100
64 69.0 62.1 93.1
63 34.2 31.5 47.3

Manual Integrations

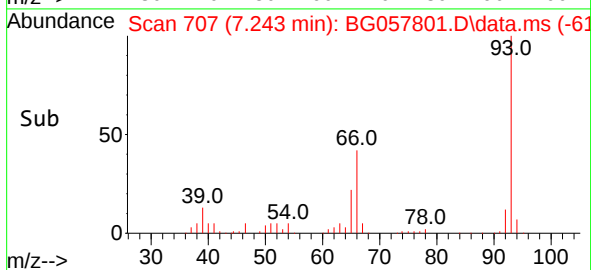
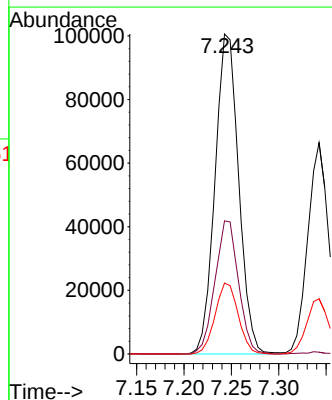
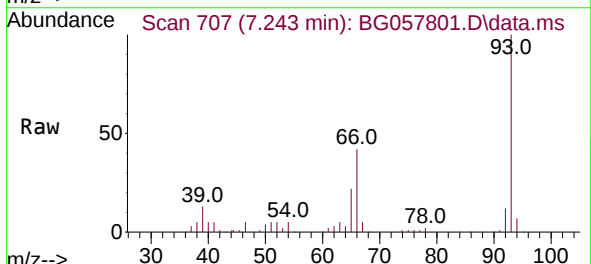
APPROVED

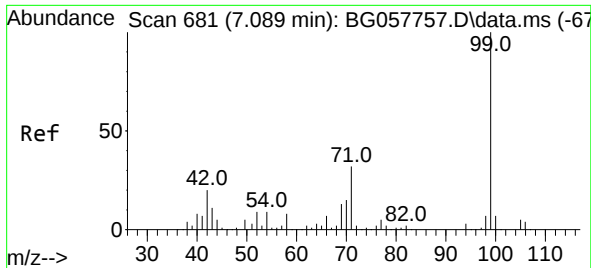
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 40.098 ng
RT: 7.243 min Scan# 707
Delta R.T. -0.010 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion: 93 Resp: 174809
Ion Ratio Lower Upper
93 100
66 41.6 34.5 51.7
65 22.1 17.4 26.2





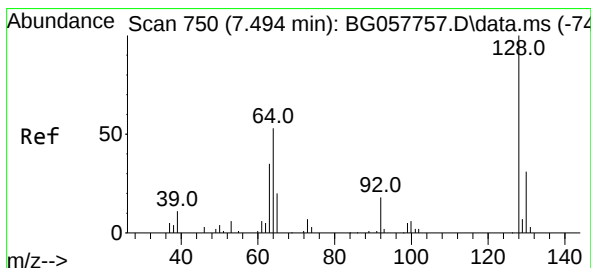
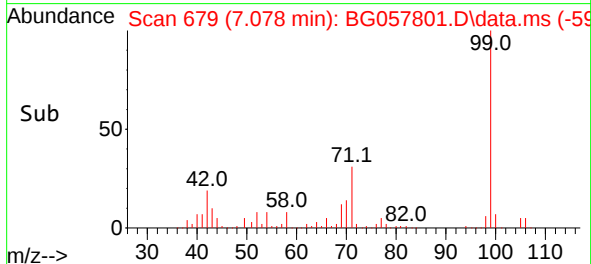
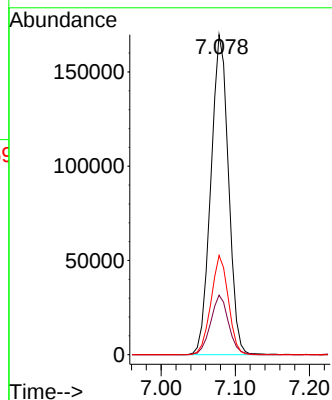
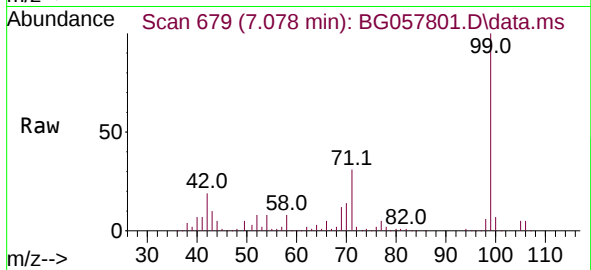
#7
Phenol-d6
Concen: 82.324 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 280294
Ion Ratio Lower Upper
99 100
42 18.6 16.4 24.6
71 31.0 25.8 38.6

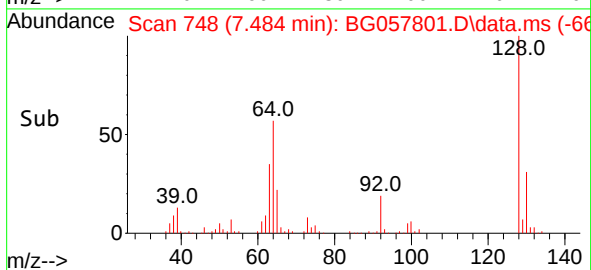
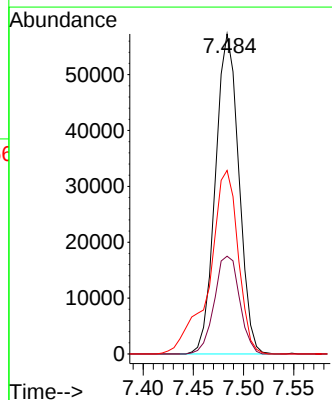
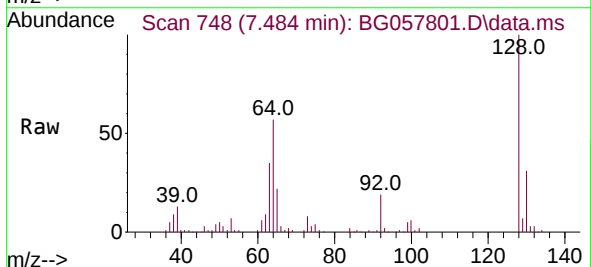
Manual Integrations
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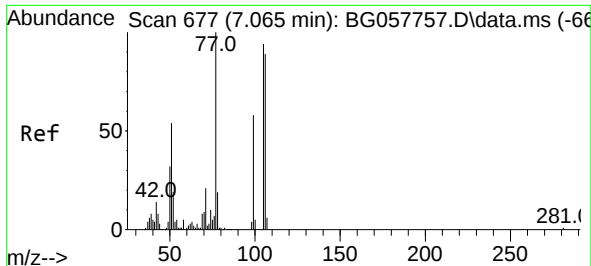
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 40.497 ng
RT: 7.484 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:128 Resp: 92962
Ion Ratio Lower Upper
128 100
130 30.6 10.6 50.6
64 57.3 39.1 79.1





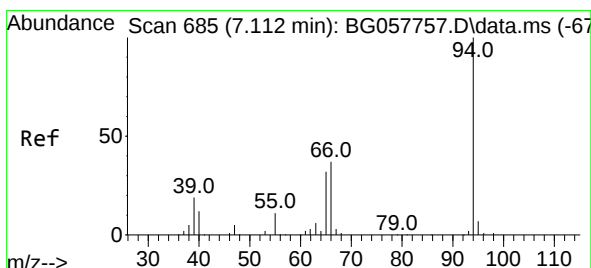
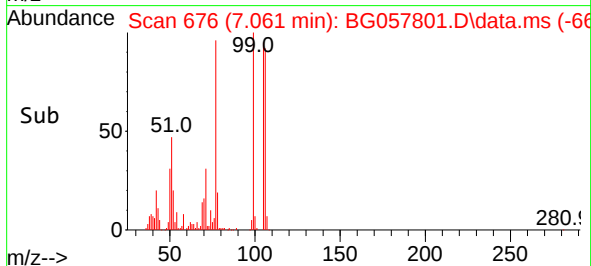
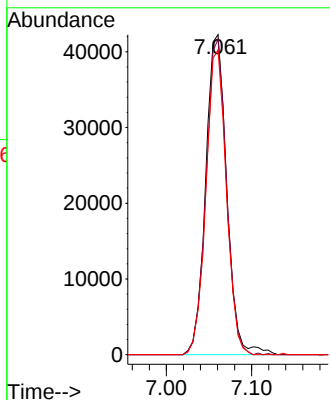
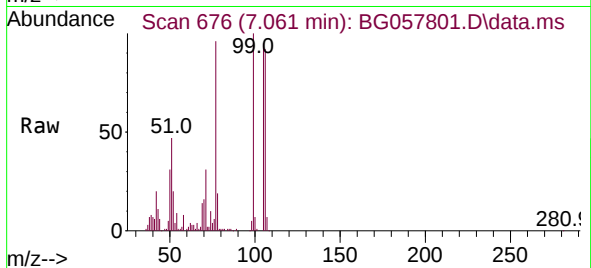
#9
Benzaldehyde
Concen: 33.857 ng
RT: 7.061 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 7248
Ion Ratio Lower Upper
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105 98.6 73.7 113.7
106 95.2 69.0 109.0

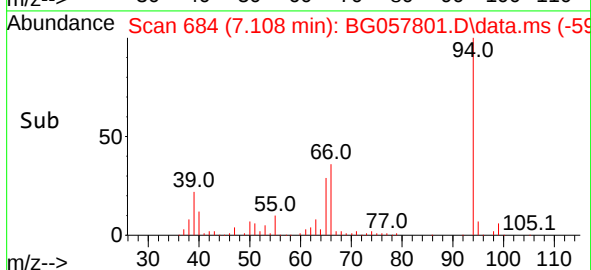
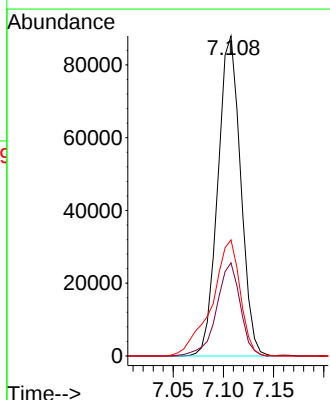
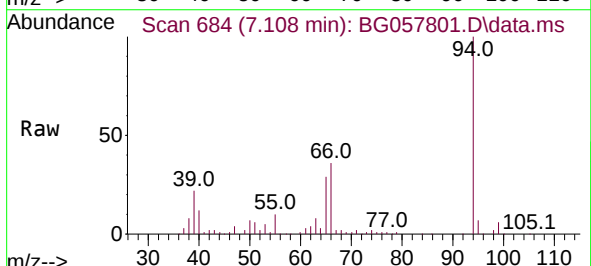
Manual Integrations
APPROVED

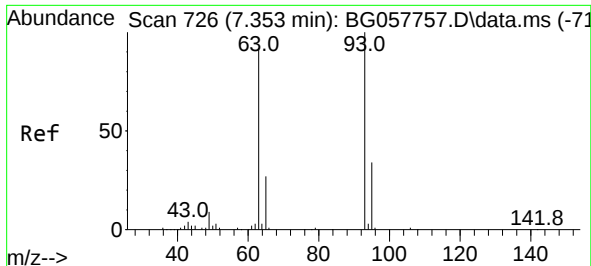
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 41.352 ng
RT: 7.108 min Scan# 684
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion: 94 Resp: 138627
Ion Ratio Lower Upper
94 100
65 29.1 12.2 52.2
66 36.3 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 39.225 ng
RT: 7.343 min Scan# 711
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

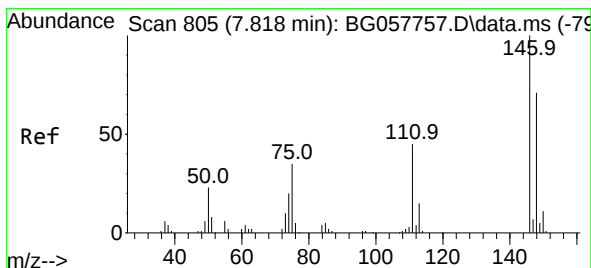
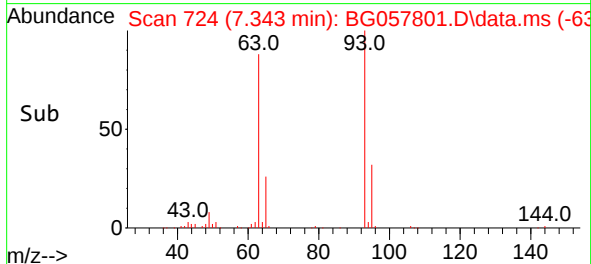
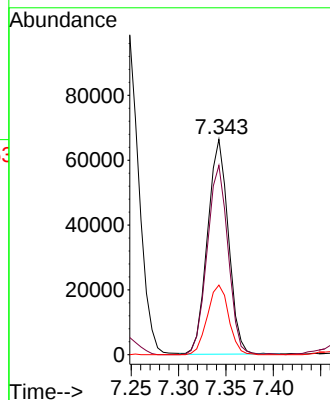
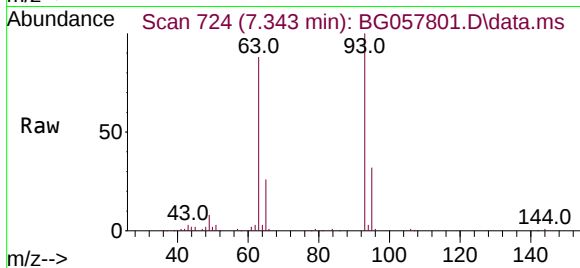
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 10110
Ion Ratio Lower Upper
93 100
63 87.9 71.2 111.2
95 32.3 14.2 54.2

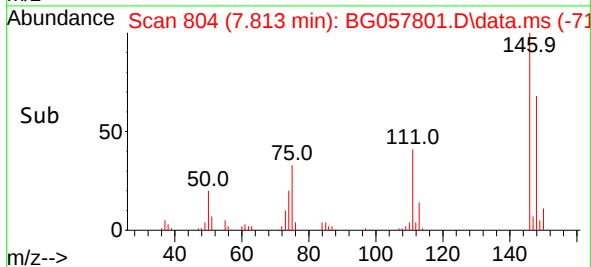
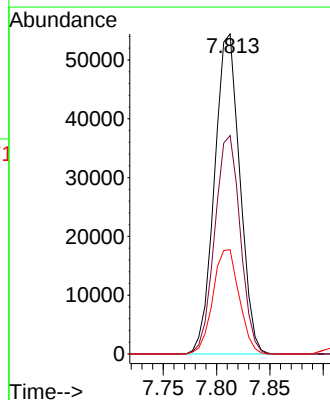
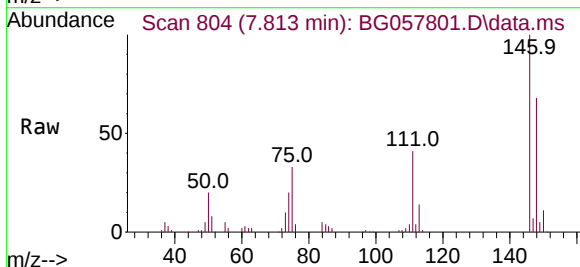
Manual Integrations
APPROVED

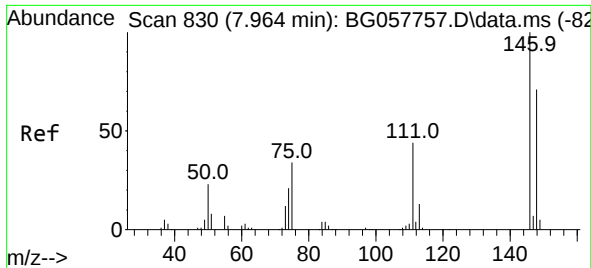
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 38.503 ng
RT: 7.813 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:146 Resp: 89948
Ion Ratio Lower Upper
146 100
148 68.2 57.0 85.6
75 32.6 27.8 41.8





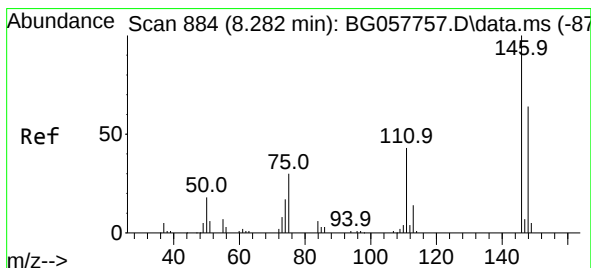
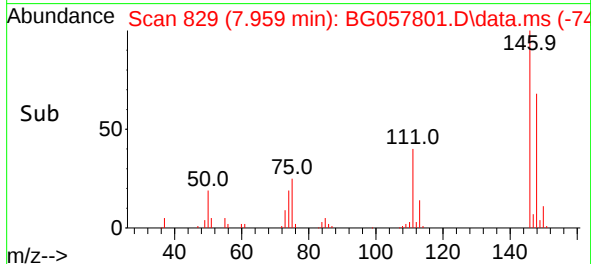
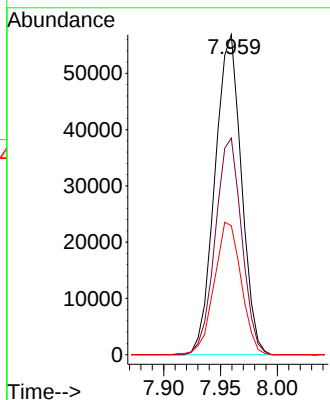
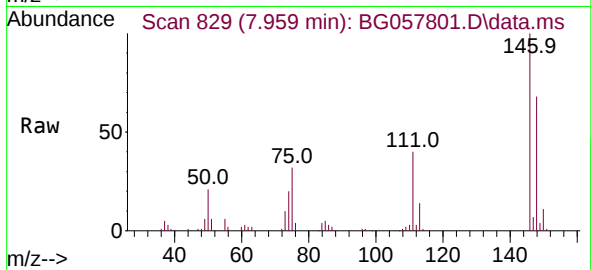
#13
1,4-Dichlorobenzene
Concen: 38.949 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 92190
Ion Ratio Lower Upper
146 100
148 67.7 57.0 85.4
111 40.3 35.1 52.7

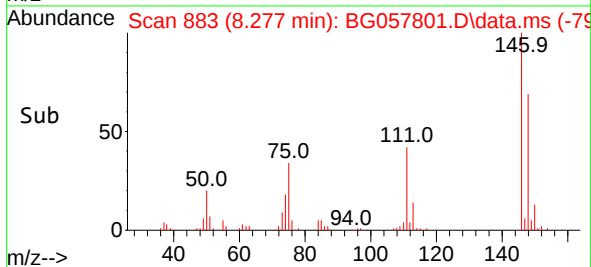
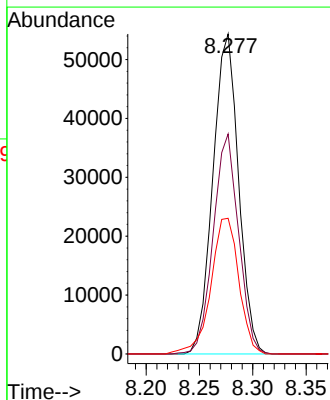
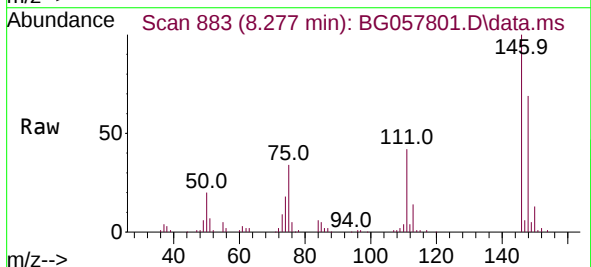
Manual Integrations
APPROVED

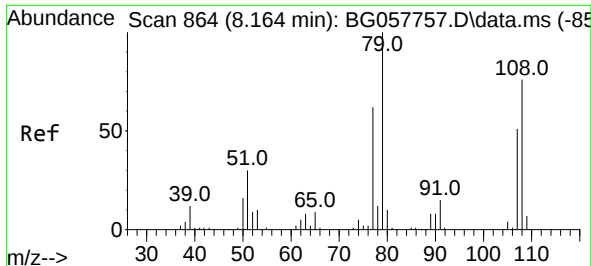
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#14
1,2-Dichlorobenzene
Concen: 39.630 ng
RT: 8.277 min Scan# 883
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:146 Resp: 90771
Ion Ratio Lower Upper
146 100
148 68.8 51.0 76.6
111 42.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 40.830 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

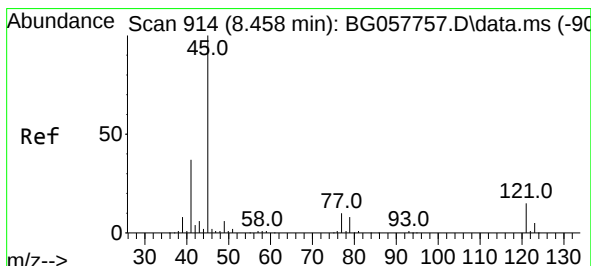
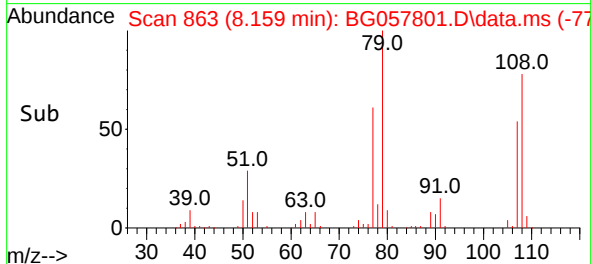
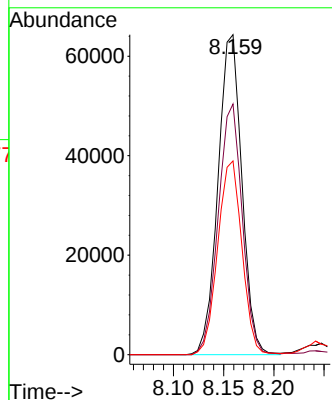
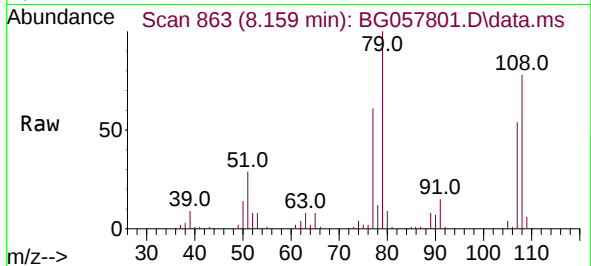
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 10629
Ion Ratio Lower Upper
79 100
108 78.3 60.5 90.7
77 60.5 49.3 73.9

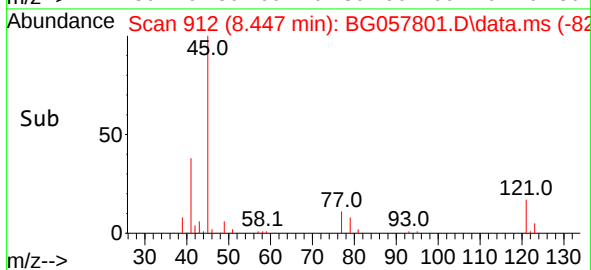
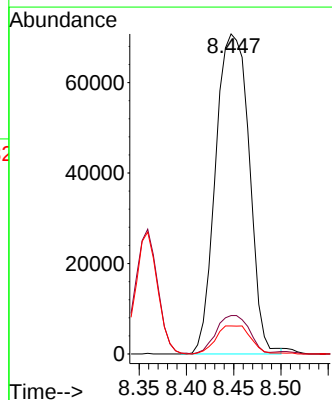
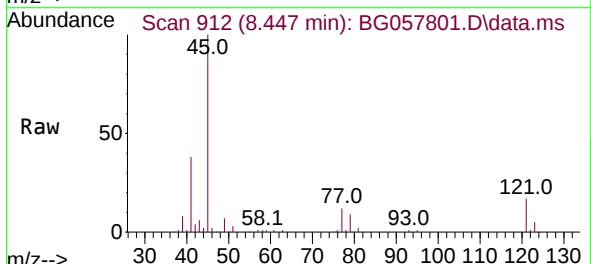
Manual Integrations
APPROVED

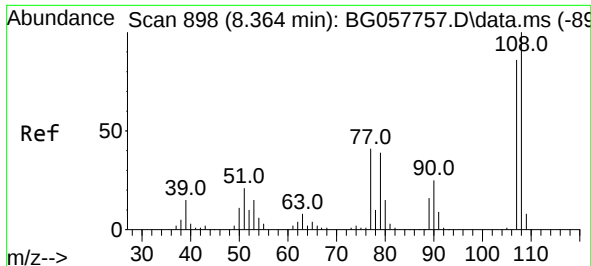
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.210 ng m
RT: 8.447 min Scan# 912
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion: 45 Resp: 174334
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.6
79 8.8 0.0 28.3





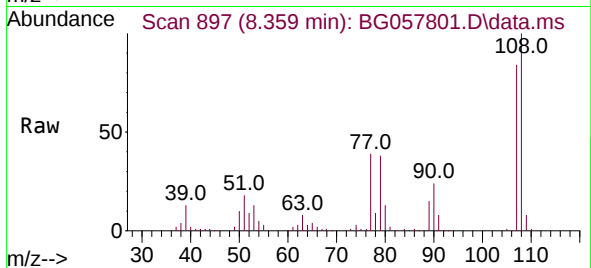
#17
2-Methylphenol
Concen: 40.982 ng
RT: 8.359 min Scan# 89
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

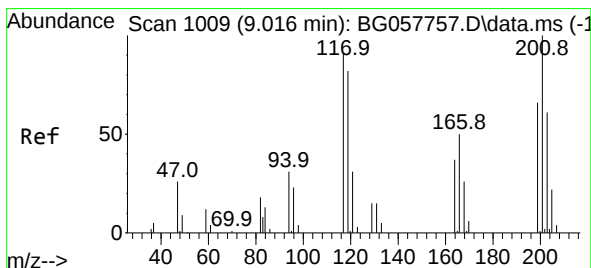
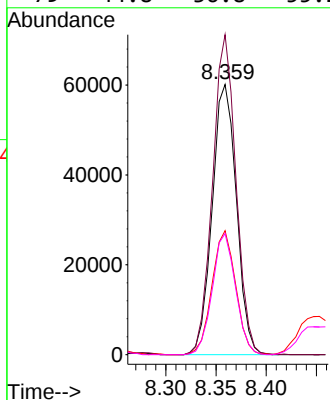
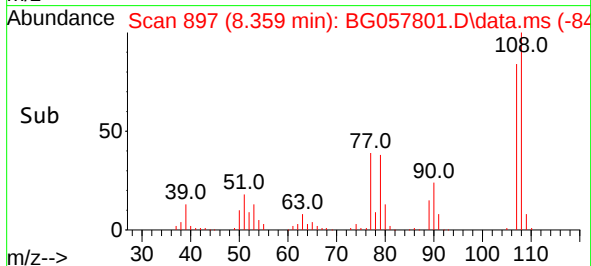


Tgt Ion:107 Resp: 101040
Ion Ratio Lower Upper
107 100
108 118.4 93.2 139.8
77 45.9 37.8 56.8
79 44.8 36.8 55.2

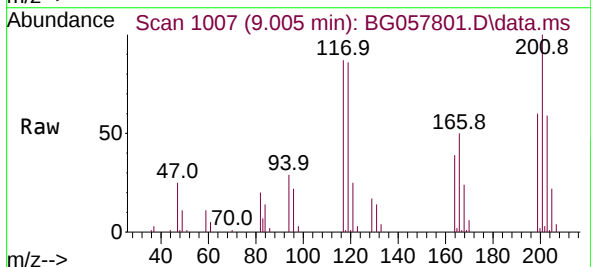
Manual Integrations

APPROVED

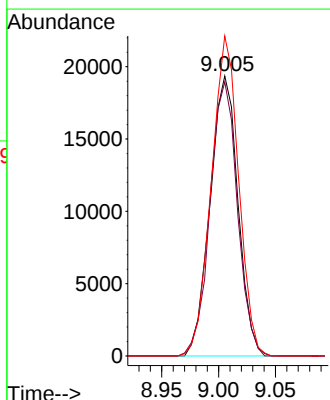
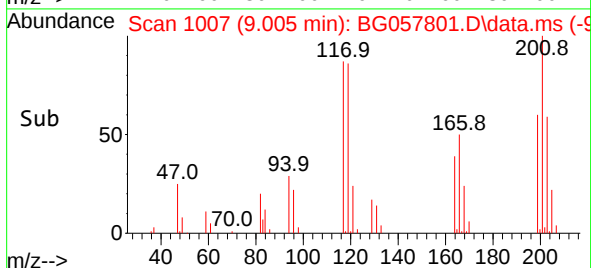
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

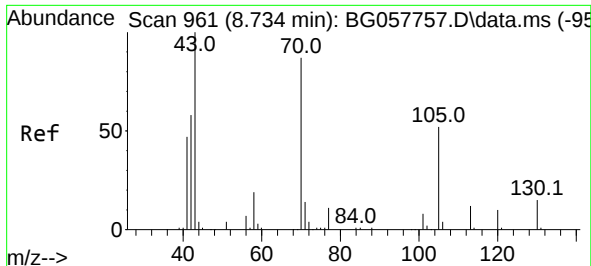


#18
Hexachloroethane
Concen: 39.450 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:117 Resp: 32928
Ion Ratio Lower Upper
117 100
119 97.9 72.3 108.5
201 114.3 87.8 131.8





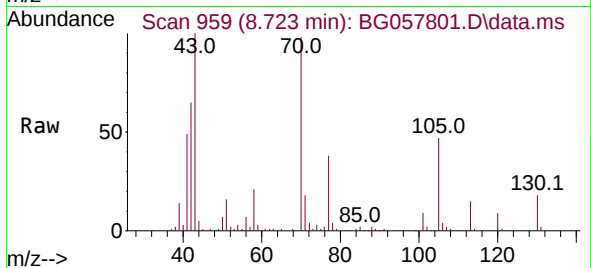
#19
n-Nitroso-di-n-propylamine
Concen: 39.754 ng
RT: 8.723 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

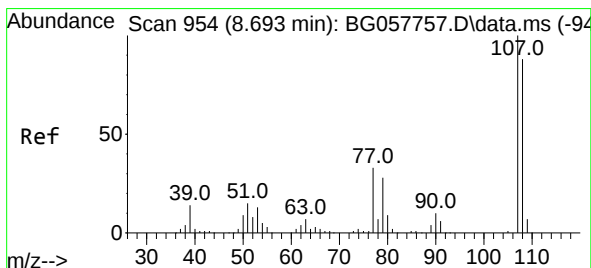
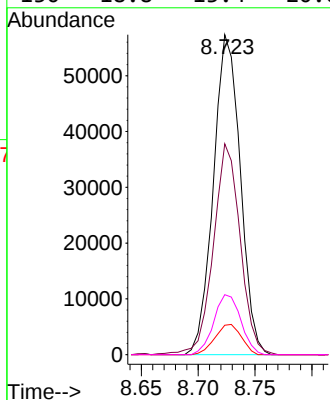
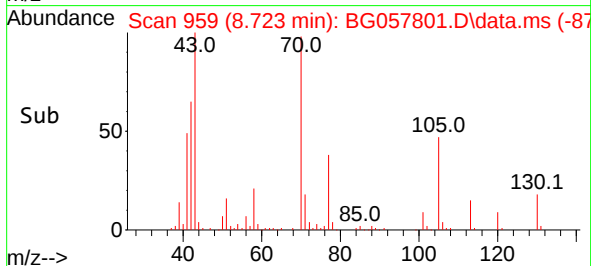


Tgt Ion: 70 Resp: 9436
Ion Ratio Lower Upper
70 100
42 65.9 54.2 81.2
101 9.2 7.4 11.0
130 18.8 13.4 20.0

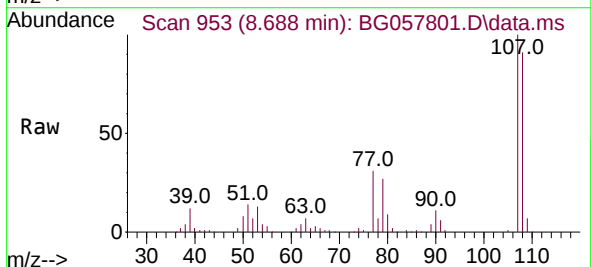
Manual Integrations

APPROVED

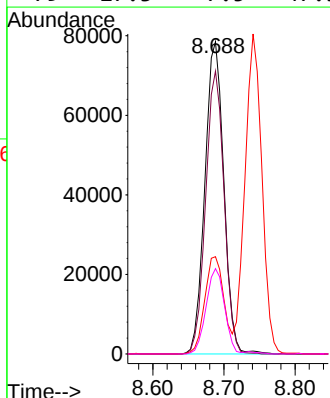
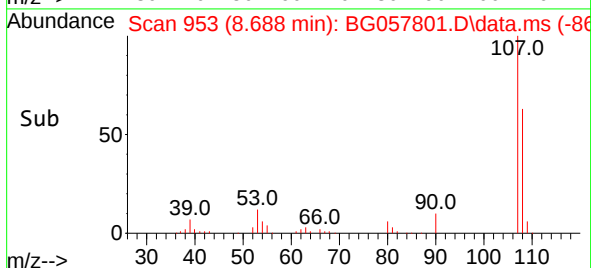
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

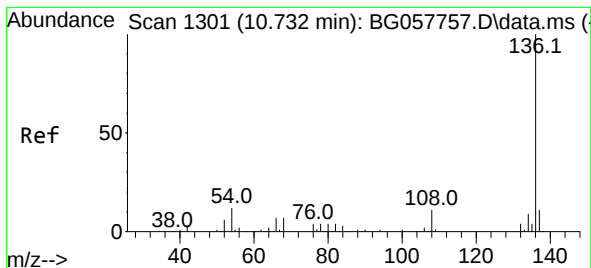


#20
3+4-Methylphenols
Concen: 42.680 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:107 Resp: 145360
Ion Ratio Lower Upper
107 100
108 90.7 67.7 107.7
77 31.2 13.3 53.3
79 27.3 7.5 47.5





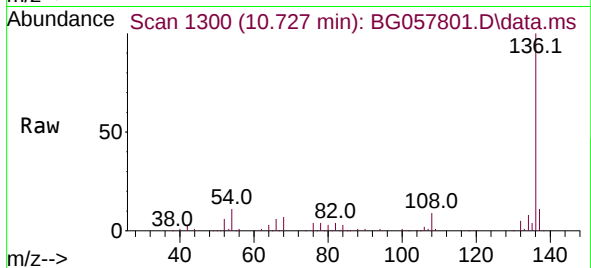
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



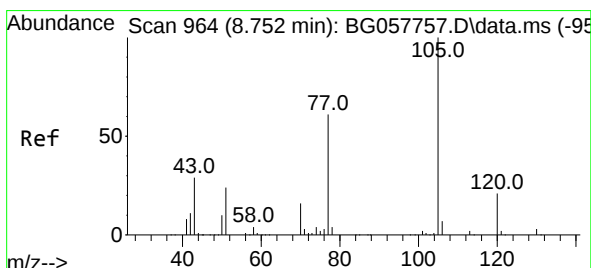
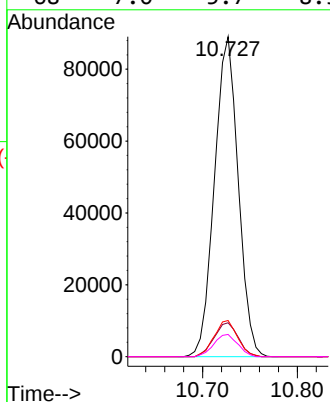
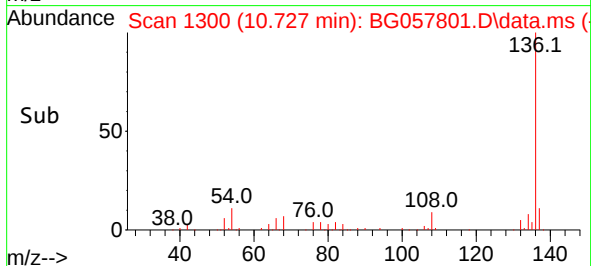
Tgt Ion:136 Resp: 155094
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 11.3 9.5 14.3
68 7.0 5.7 8.5

Manual Integrations

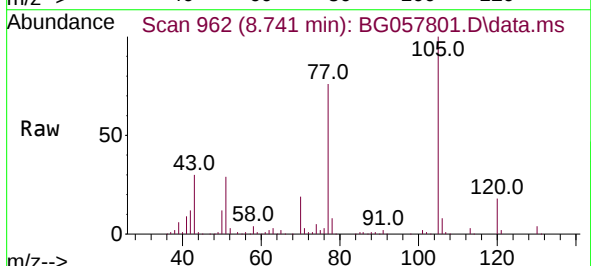
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

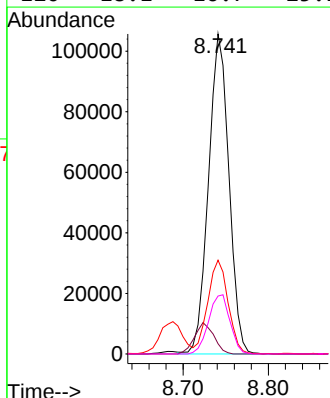
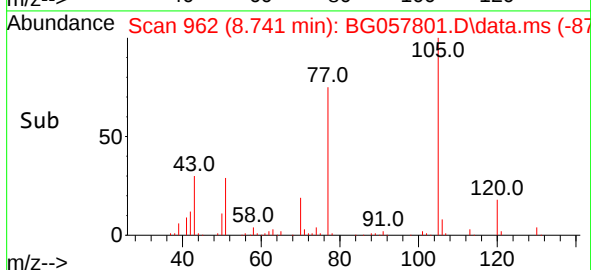
Supervised By :mohammad ahmed 06/23/2023

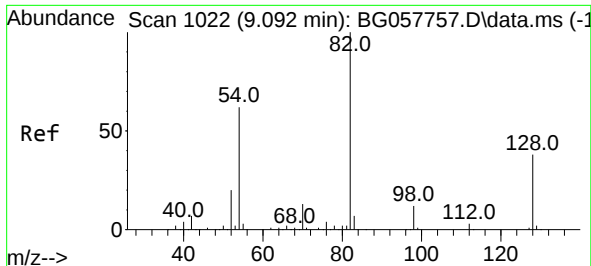


#22
Acetophenone
Concen: 40.532 ng
RT: 8.741 min Scan# 962
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:105 Resp: 176282
Ion Ratio Lower Upper
105 100
71 3.2 2.4 3.6
51 29.3 25.9 38.9
120 18.1 16.7 25.1





#23
Nitrobenzene-d5
Concen: 84.231 ng
RT: 9.082 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

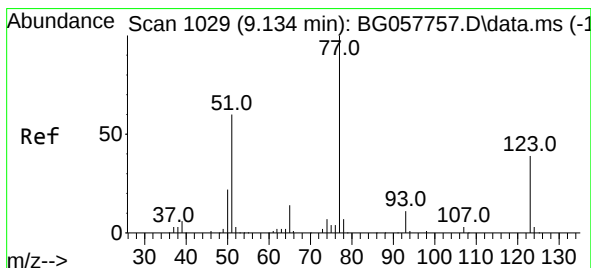
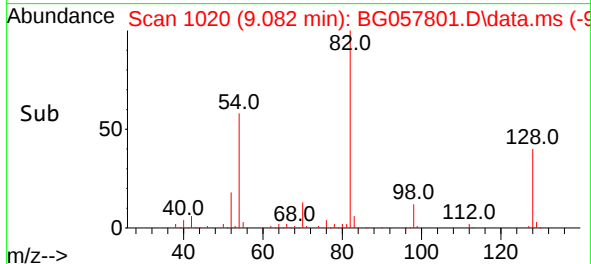
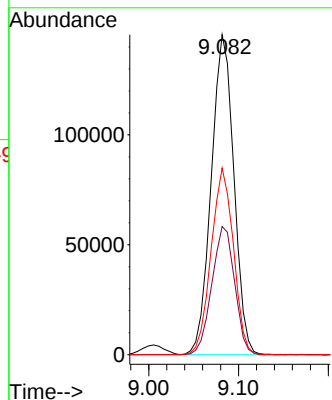
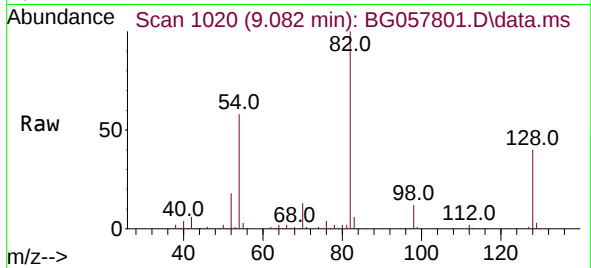
SSTDCCC040

Tgt Ion: 82 Resp: 254538
Ion Ratio Lower Upper
82 100
128 40.0 30.7 46.1
54 58.3 49.6 74.4

Manual Integrations

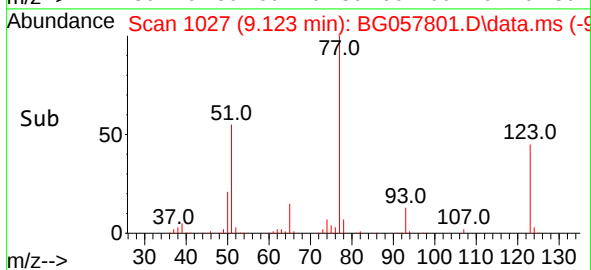
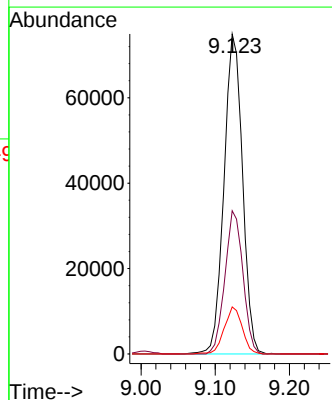
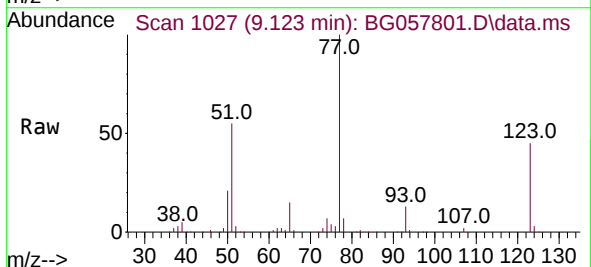
APPROVED

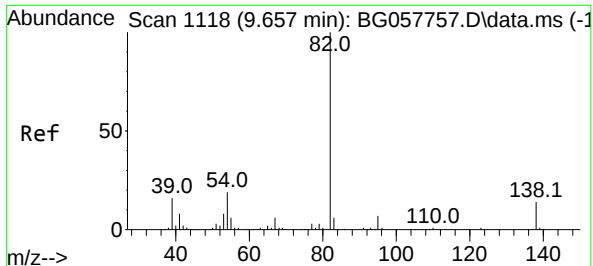
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#24
Nitrobenzene
Concen: 41.246 ng
RT: 9.123 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion: 77 Resp: 129721
Ion Ratio Lower Upper
77 100
123 44.7 31.4 47.2
65 14.7 11.2 16.8





#25
Isophorone
Concen: 40.411 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

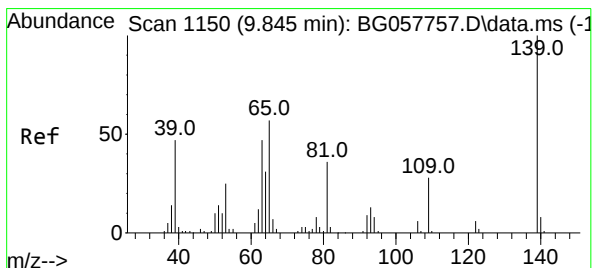
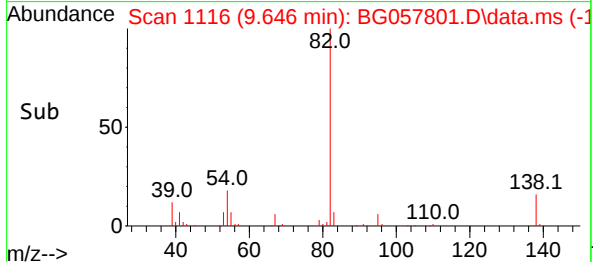
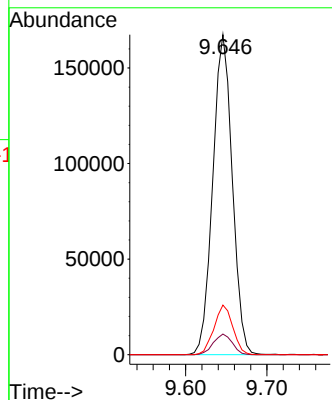
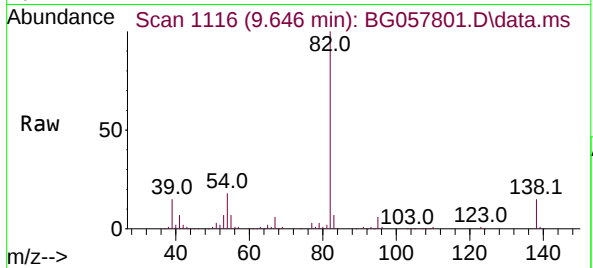
SSTDCCC040

Tgt Ion: 82 Resp: 278998
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 15.5 11.1 16.7

Manual Integrations

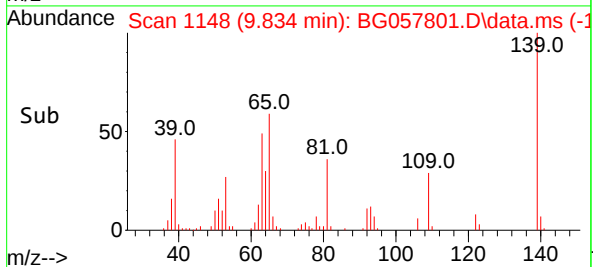
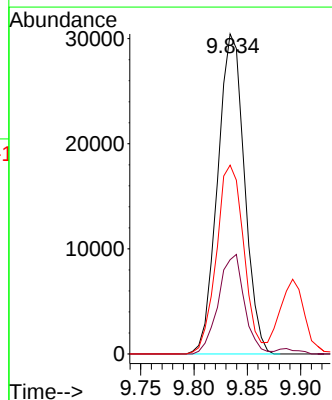
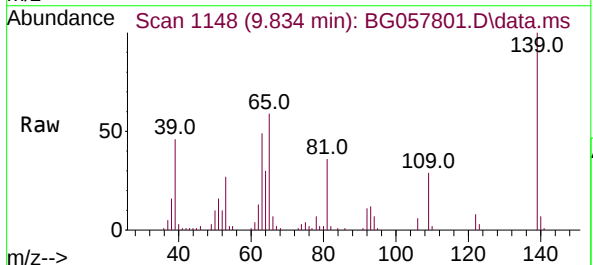
APPROVED

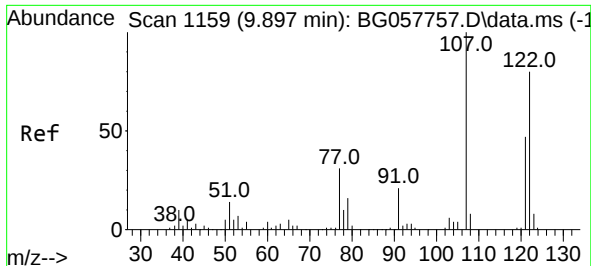
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 53.236 ng
RT: 9.834 min Scan# 1148
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:139 Resp: 53267
Ion Ratio Lower Upper
139 100
109 29.5 22.5 33.7
65 59.0 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 41.204 ng

RT: 9.893 min Scan# 1159

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

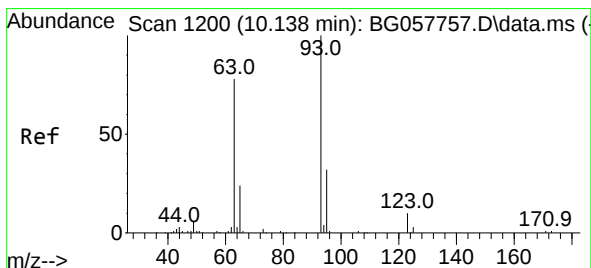
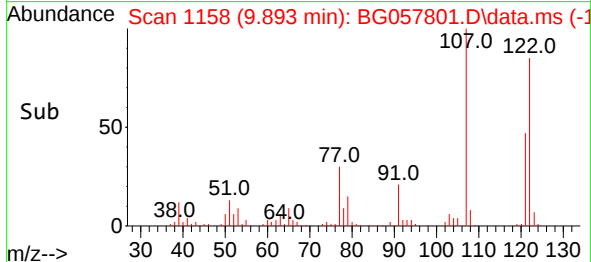
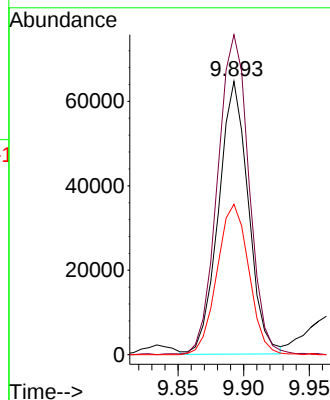
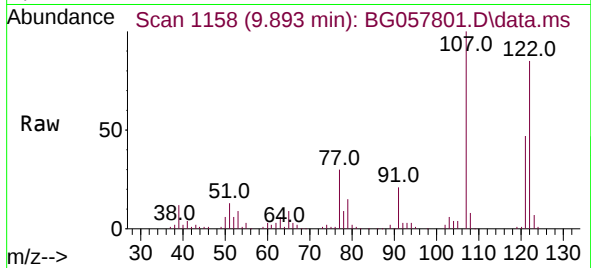
Tgt Ion:122 Resp: 102072
 Ion Ratio Lower Upper
 122 100
 107 117.1 98.9 148.3
 121 55.0 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.656 ng

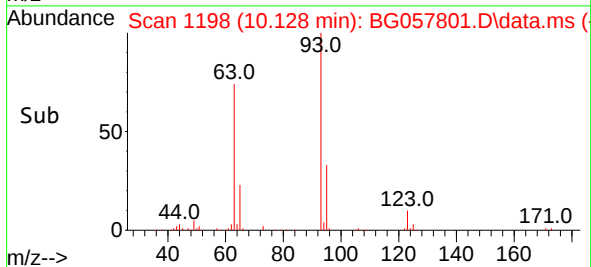
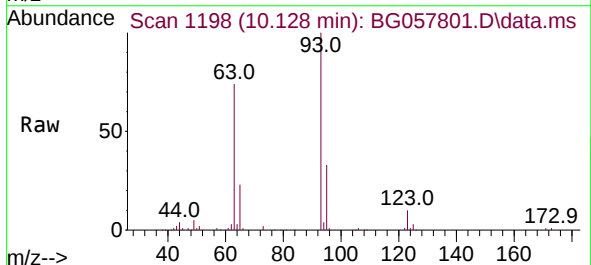
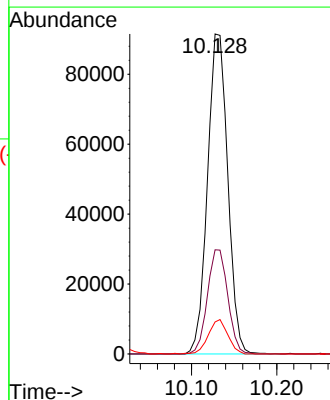
RT: 10.128 min Scan# 1198

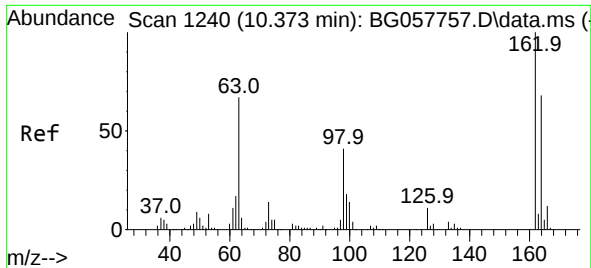
Delta R.T. -0.011 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Tgt Ion: 93 Resp: 151160
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.6 38.4
 123 10.0 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 42.845 ng

RT: 10.368 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BG057801.D

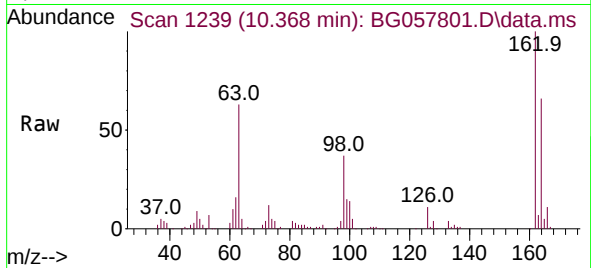
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 100790

Ion Ratio Lower Upper

162 100

164 65.6 48.2 88.2

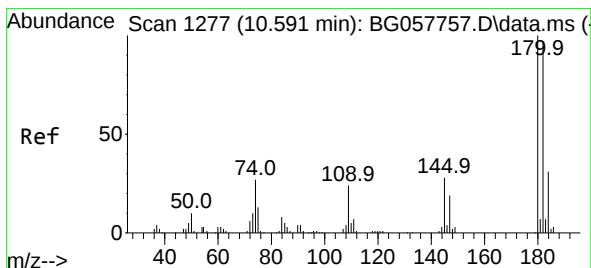
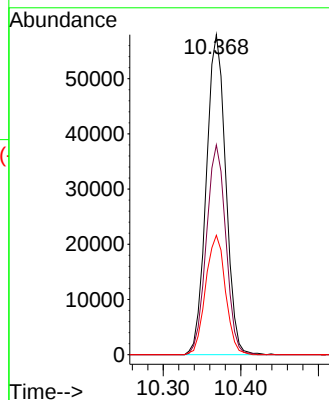
98 37.3 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.586 ng

RT: 10.586 min Scan# 1276

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

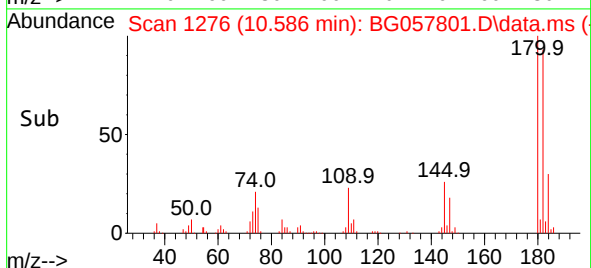
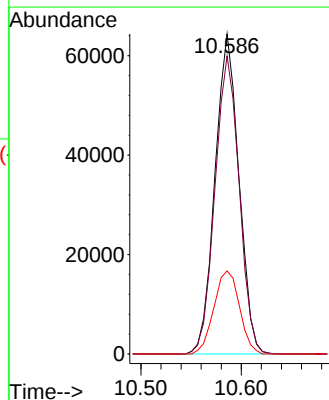
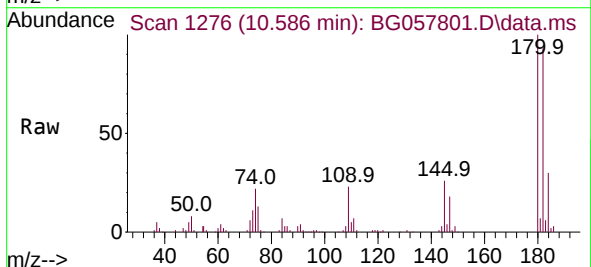
Tgt Ion:180 Resp: 106423

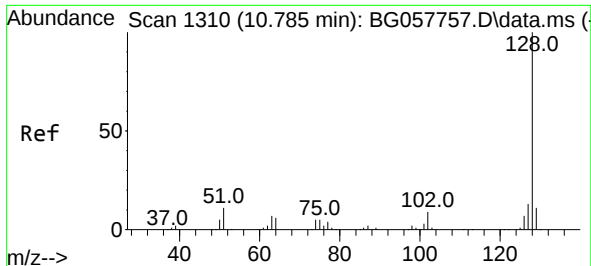
Ion Ratio Lower Upper

180 100

182 93.1 77.5 116.3

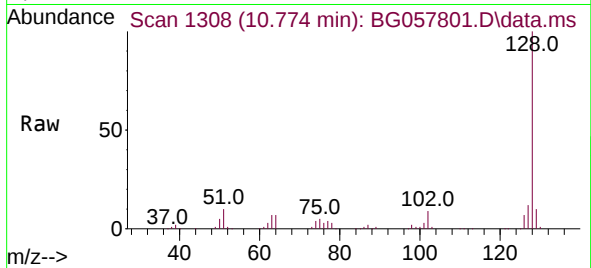
145 26.0 22.6 34.0





#31
Naphthalene
Concen: 40.603 ng
RT: 10.774 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

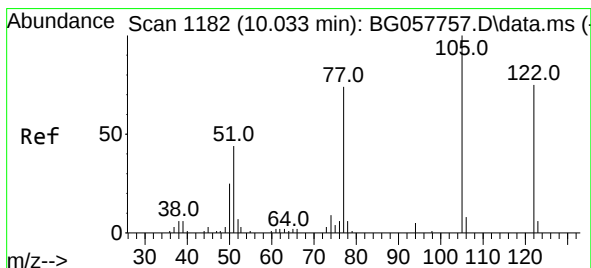
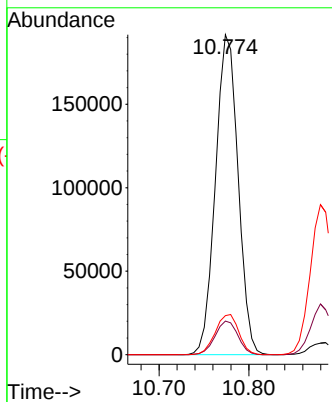
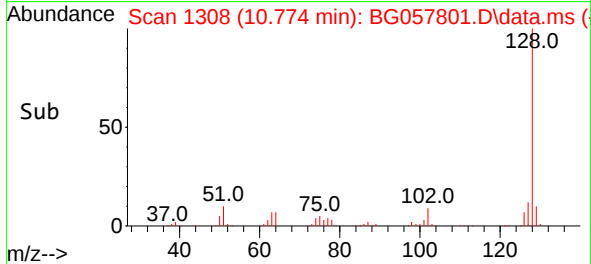
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 335160
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.2 10.7 16.1

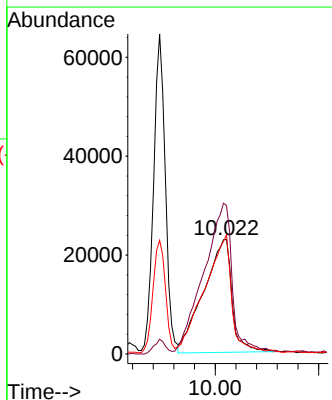
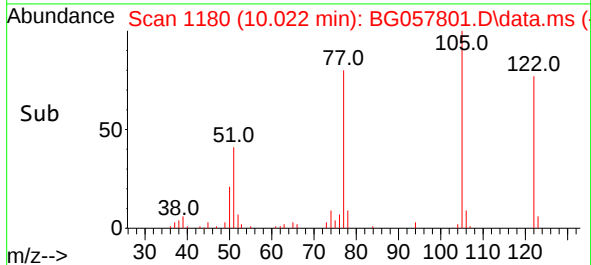
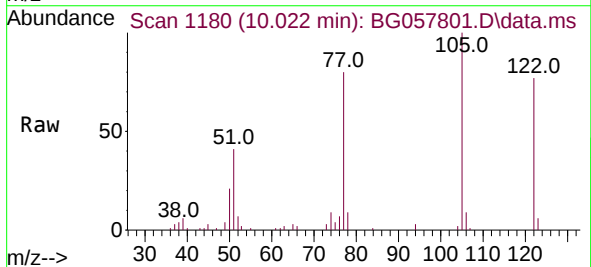
Manual Integrations
APPROVED

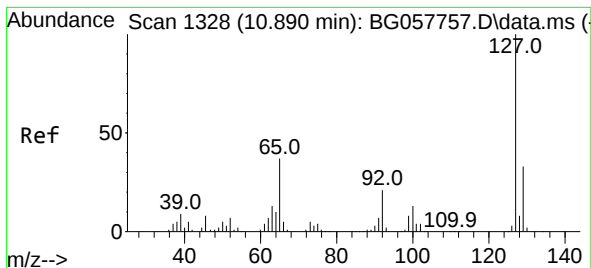
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 47.801 ng
RT: 10.022 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:122 Resp: 87183
Ion Ratio Lower Upper
122 100
105 129.7 110.1 150.1
77 104.0 78.2 118.2





#33
4-Chloroaniline
Concen: 41.768 ng
RT: 10.880 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

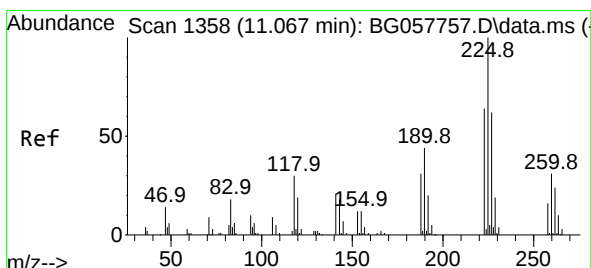
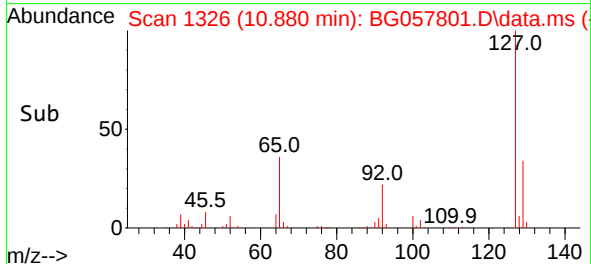
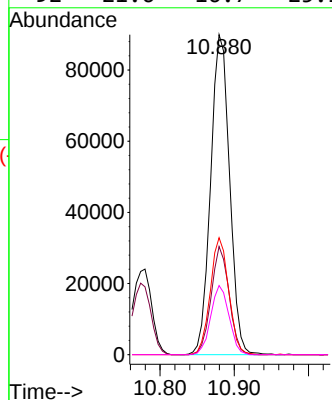
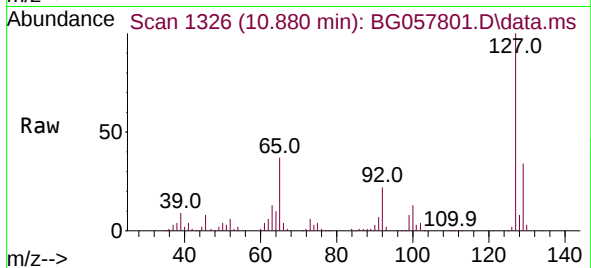
SSTDCCC040

Tgt Ion:127 Resp: 159749
Ion Ratio Lower Upper
127 100
129 33.8 26.6 40.0
65 36.5 29.8 44.8
92 21.6 16.7 25.1

Manual Integrations

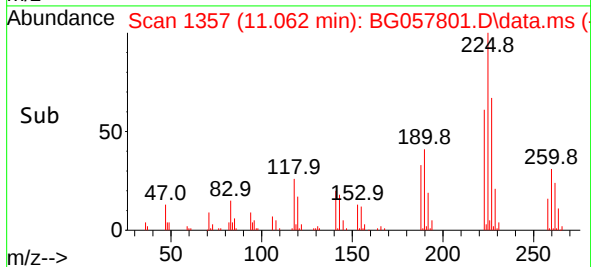
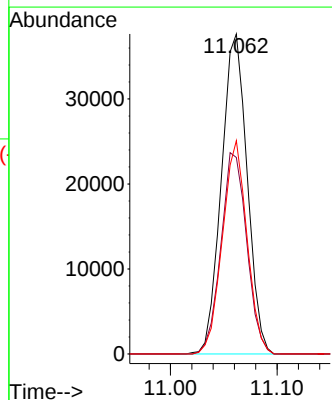
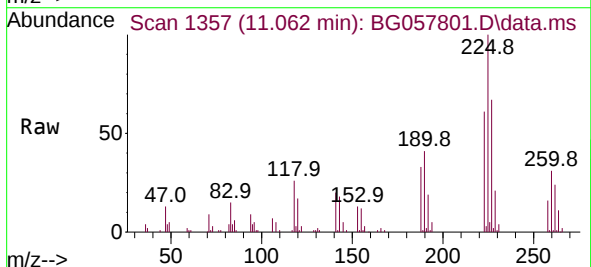
APPROVED

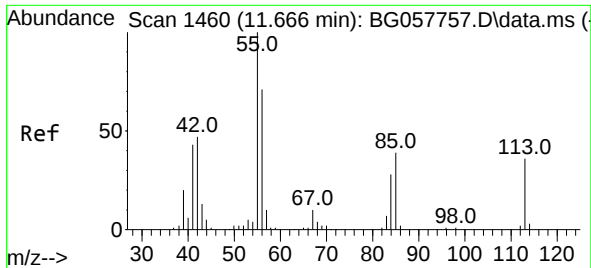
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#34
Hexachlorobutadiene
Concen: 39.451 ng
RT: 11.062 min Scan# 1357
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:225 Resp: 63112
Ion Ratio Lower Upper
225 100
223 61.4 51.4 77.0
227 66.6 49.7 74.5





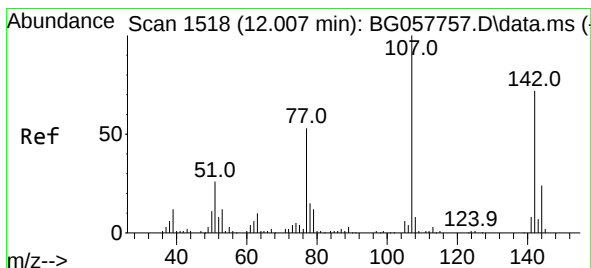
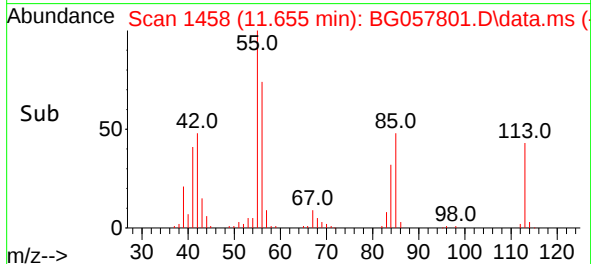
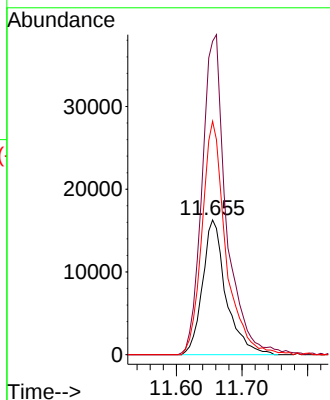
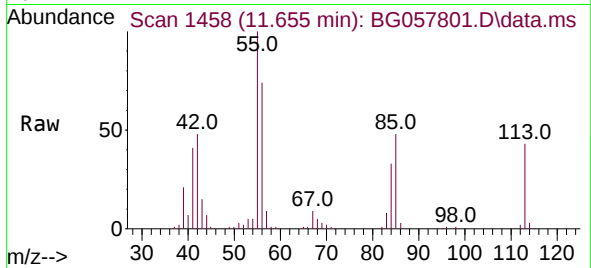
#35
Caprolactam
Concen: 42.585 ng
RT: 11.655 min Scan# 1460
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 4065
Ion Ratio Lower Upper
113 100
55 232.5 255.7 295.7
56 173.2 175.2 215.2

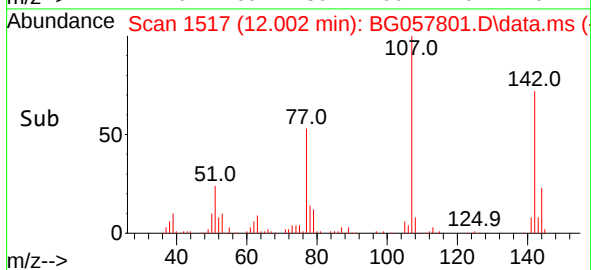
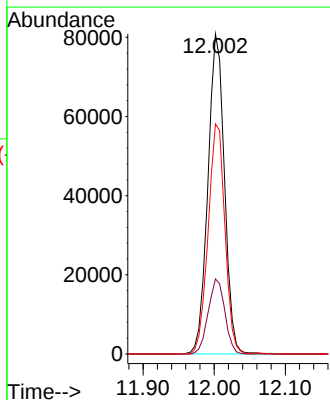
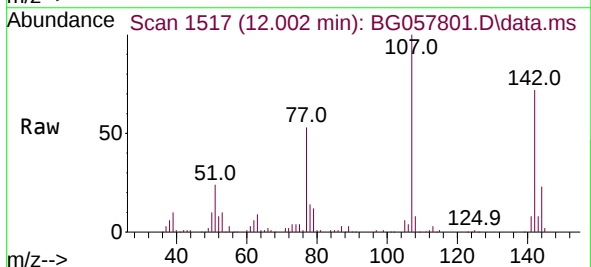
Manual Integrations
APPROVED

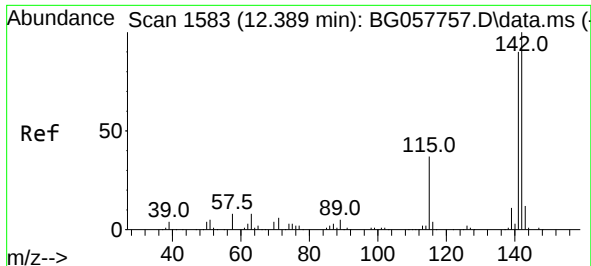
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 42.541 ng
RT: 12.002 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:107 Resp: 130698
Ion Ratio Lower Upper
107 100
144 23.4 19.5 29.3
142 71.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 40.559 ng

RT: 12.384 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

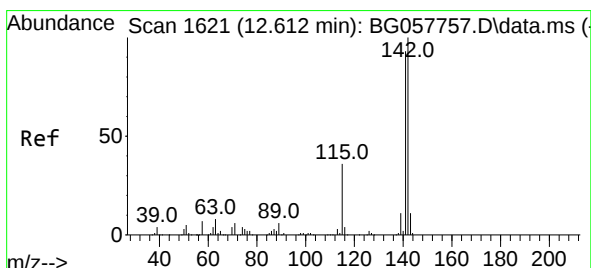
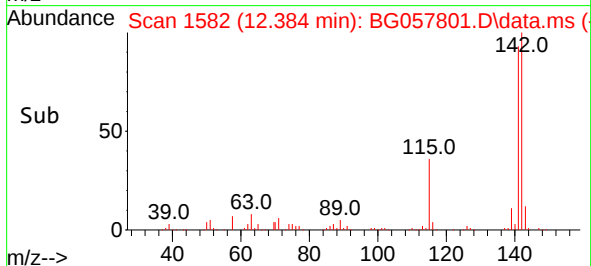
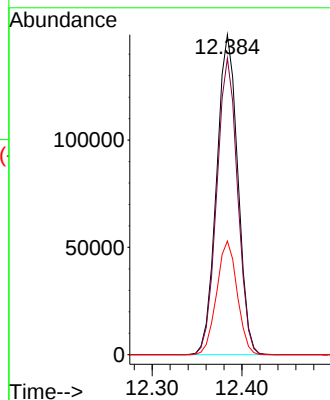
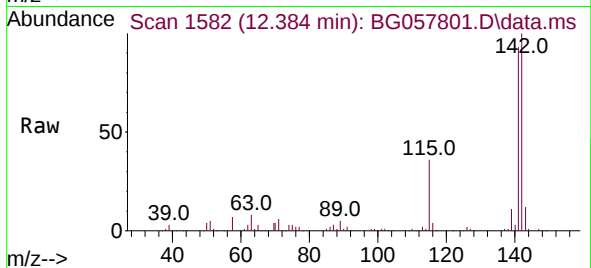
SSTDCCC040

Tgt Ion:142 Resp: 244035
 Ion Ratio Lower Upper
 142 100
 141 92.7 72.1 108.1
 115 35.5 29.7 44.5

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 40.376 ng

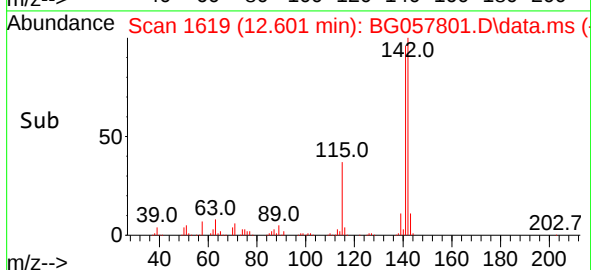
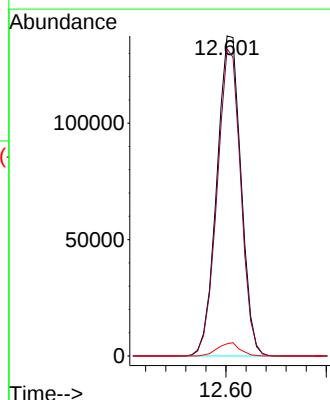
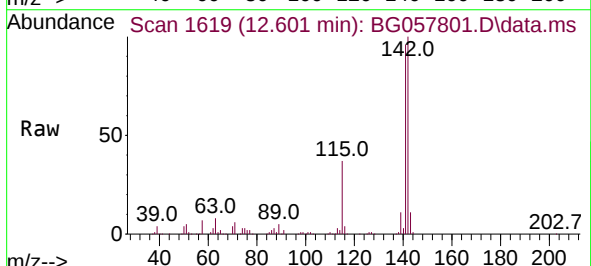
RT: 12.601 min Scan# 1619

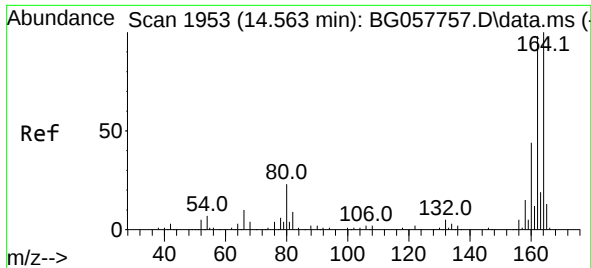
Delta R.T. -0.011 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Tgt Ion:142 Resp: 229325
 Ion Ratio Lower Upper
 142 100
 141 95.9 74.2 111.4
 116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

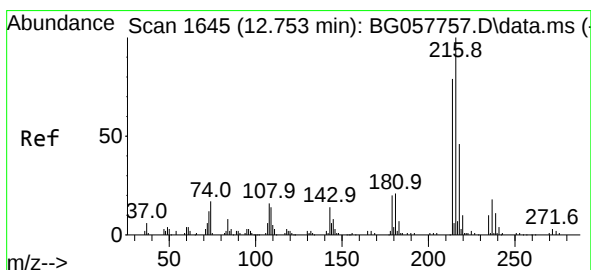
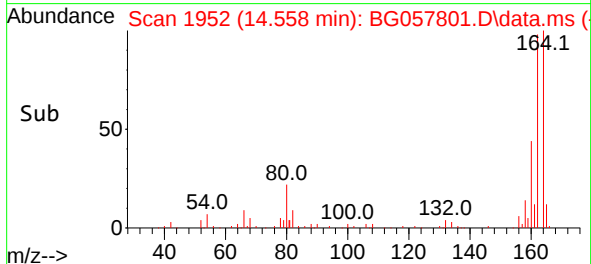
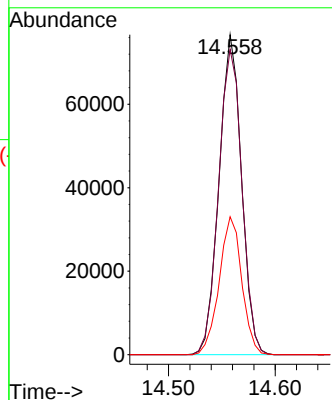
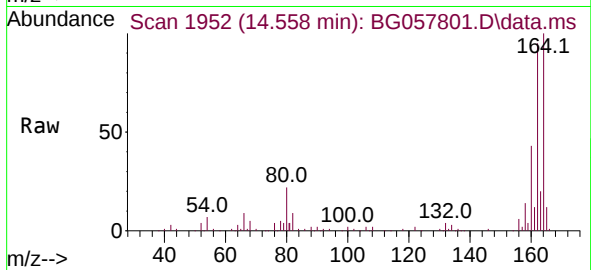
SSTDCCC040

Tgt Ion:164 Resp: 112064
Ion Ratio Lower Upper
164 100
162 95.4 78.3 117.5
160 43.1 35.4 53.0

Manual Integrations

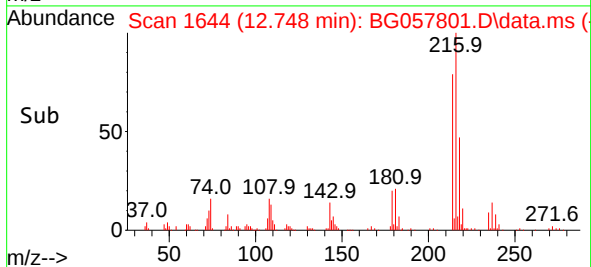
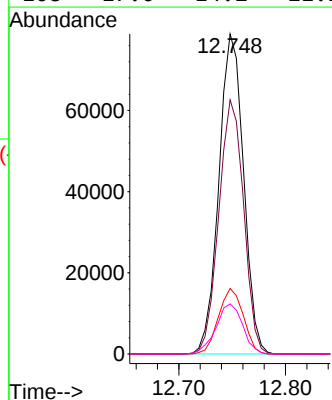
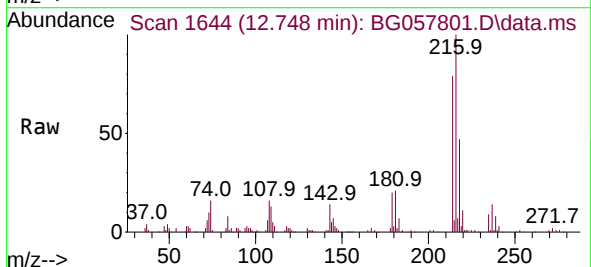
APPROVED

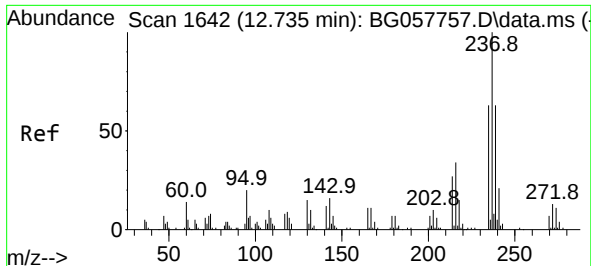
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.738 ng
RT: 12.748 min Scan# 1644
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:216 Resp: 126561
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.4
179 20.6 16.2 24.2
108 17.0 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 43.067 ng
RT: 12.730 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

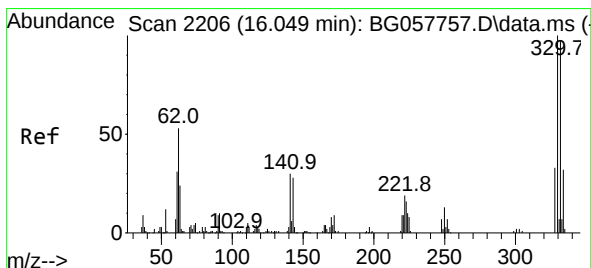
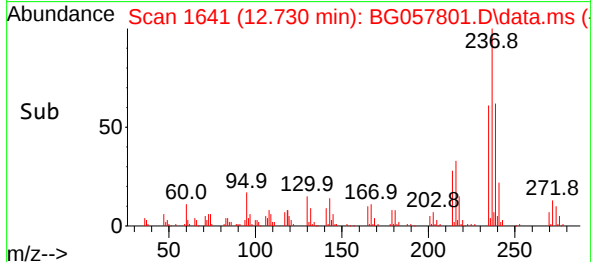
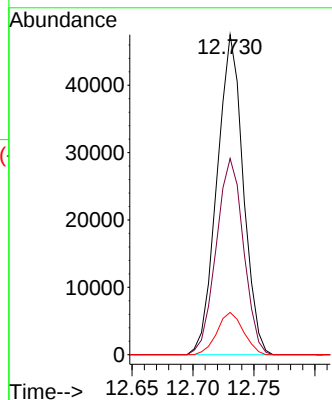
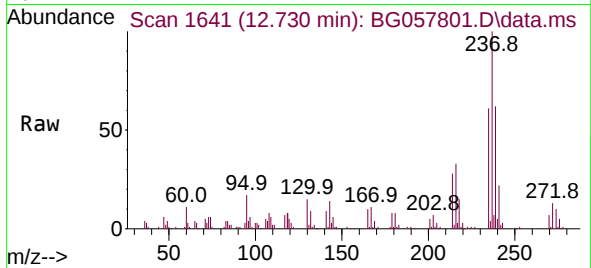
SSTDCCC040

Tgt Ion:237 Resp: 7103
Ion Ratio Lower Upper
237 100
235 61.3 43.5 83.5
272 13.2 0.0 32.8

Manual Integrations

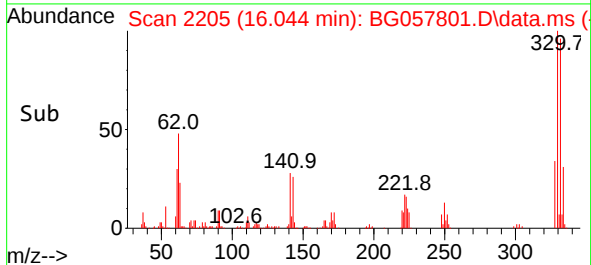
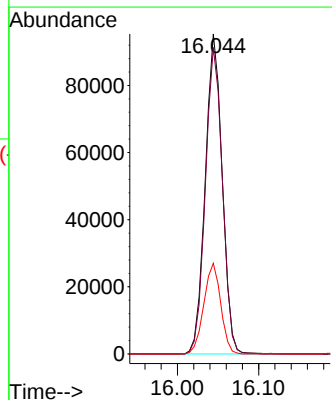
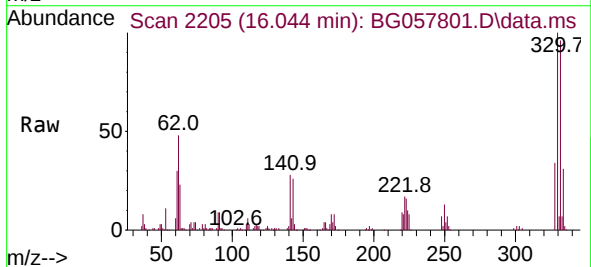
APPROVED

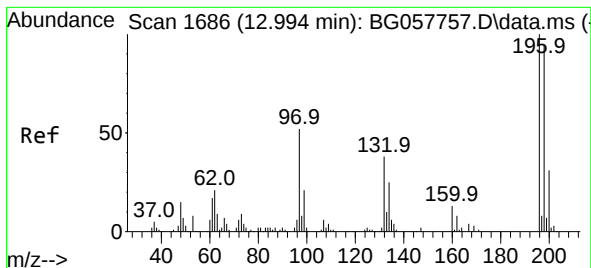
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#42
2,4,6-Tribromophenol
Concen: 88.206 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:330 Resp: 137693
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 28.2 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 42.752 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

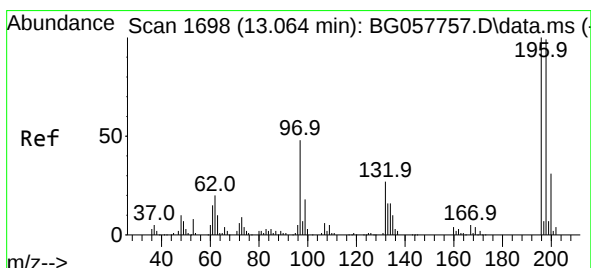
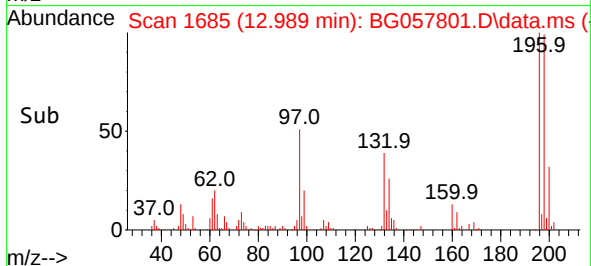
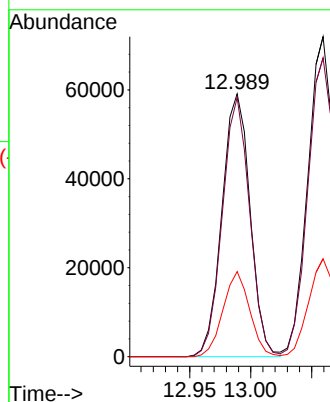
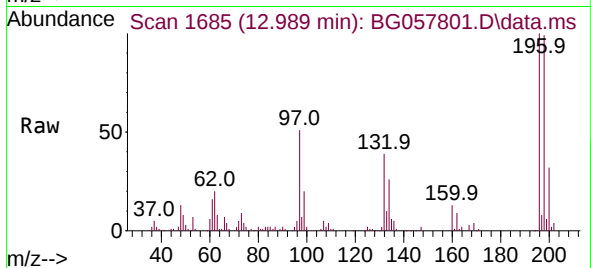
SSTDCCC040

Tgt Ion:196 Resp: 95102
Ion Ratio Lower Upper
196 100
198 98.6 75.5 113.3
200 32.4 24.6 36.8

Manual Integrations

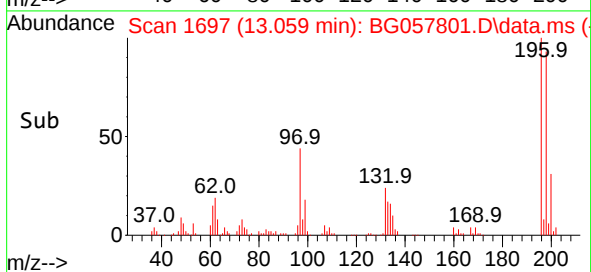
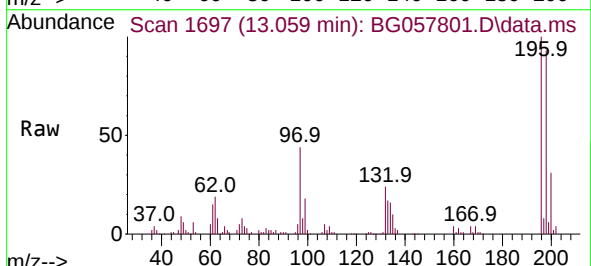
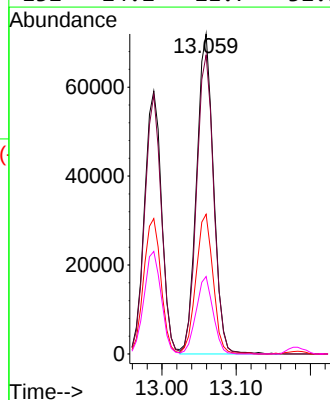
APPROVED

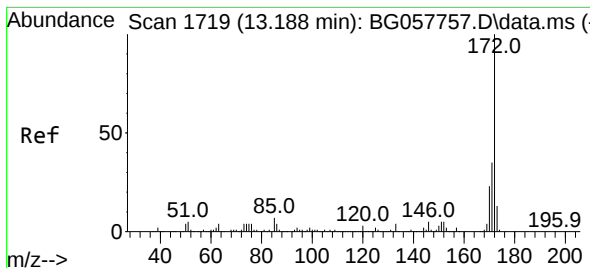
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#44
2,4,5-Trichlorophenol
Concen: 44.072 ng
RT: 13.059 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:196 Resp: 114277
Ion Ratio Lower Upper
196 100
198 93.4 78.9 118.3
97 43.7 38.3 57.5
132 24.2 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 79.358 ng

RT: 13.183 min Scan# 1719

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 58633

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

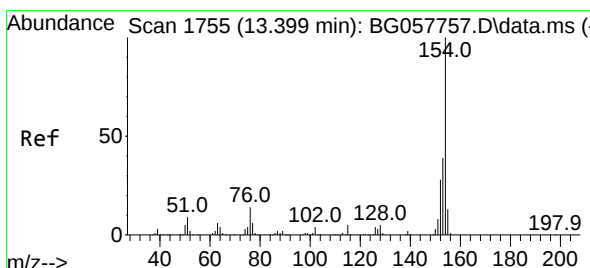
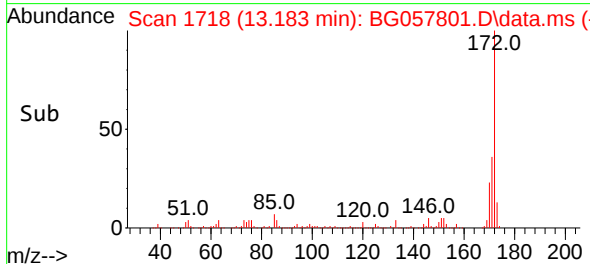
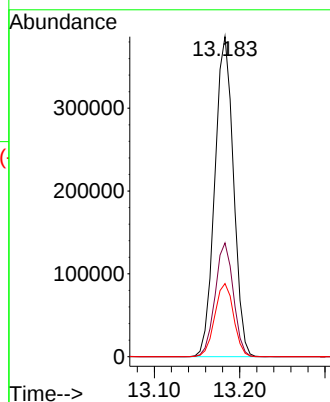
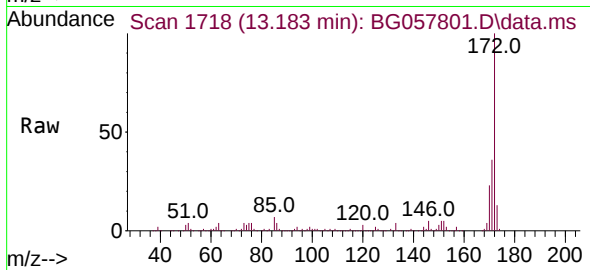
170 22.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 40.325 ng

RT: 13.394 min Scan# 1754

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

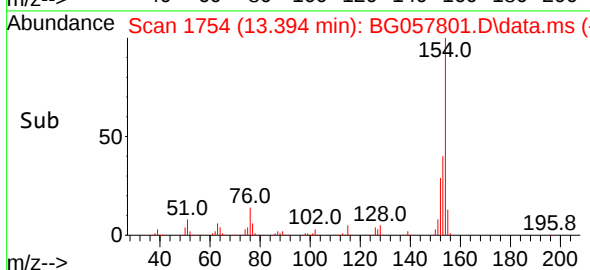
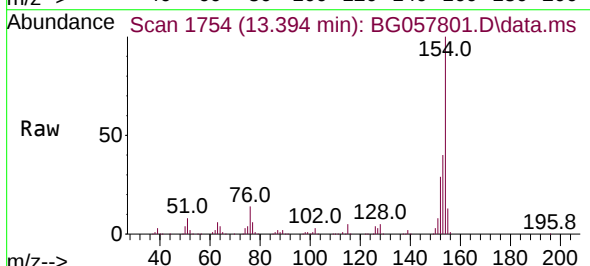
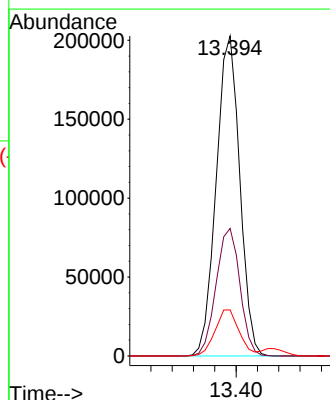
Tgt Ion:154 Resp: 310284

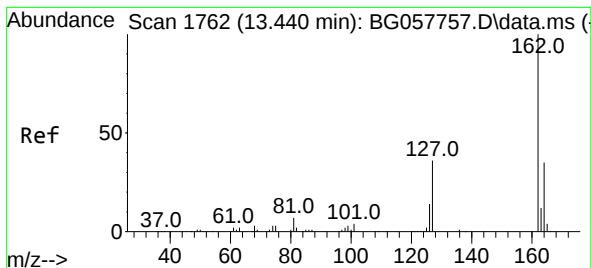
Ion Ratio Lower Upper

154 100

153 39.8 19.1 59.1

76 14.4 0.0 34.3





#47
2-Chloronaphthalene
Concen: 40.931 ng
RT: 13.435 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

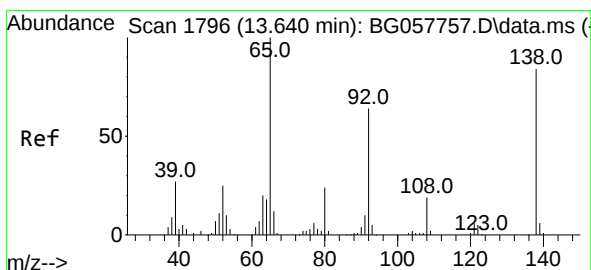
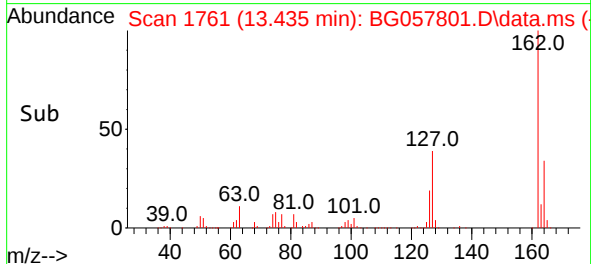
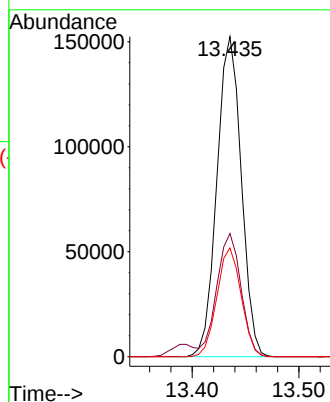
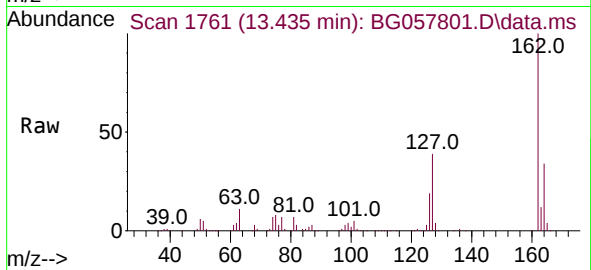
SSTDCCC040

Tgt Ion:162 Resp: 24196
Ion Ratio Lower Upper
162 100
127 38.5 32.2 48.2
164 34.0 28.0 42.0

Manual Integrations

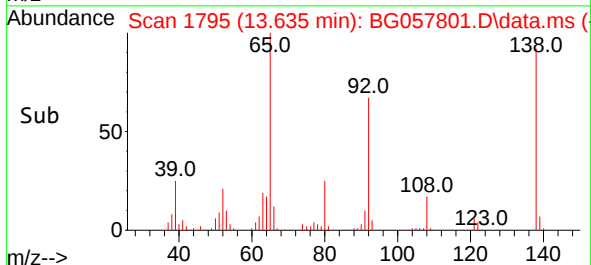
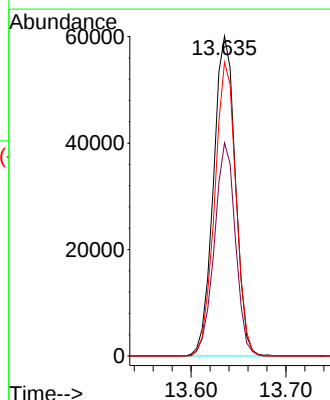
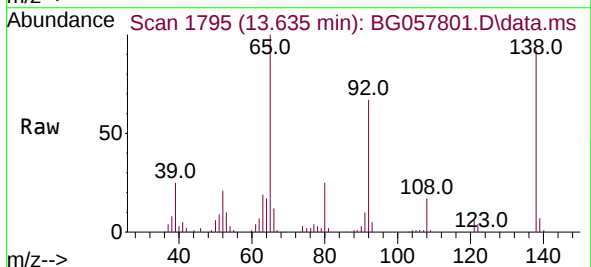
APPROVED

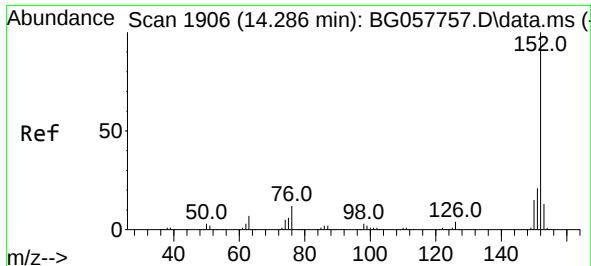
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#48
2-Nitroaniline
Concen: 45.879 ng
RT: 13.635 min Scan# 1795
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

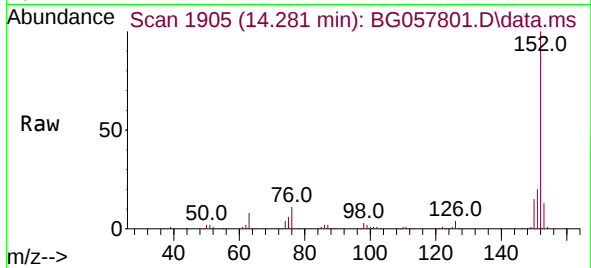
Tgt Ion: 65 Resp: 96379
Ion Ratio Lower Upper
65 100
92 66.6 51.2 76.8
138 91.8 67.2 100.8





#49
Acenaphthylene
Concen: 40.594 ng
RT: 14.281 min Scan# 1906
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

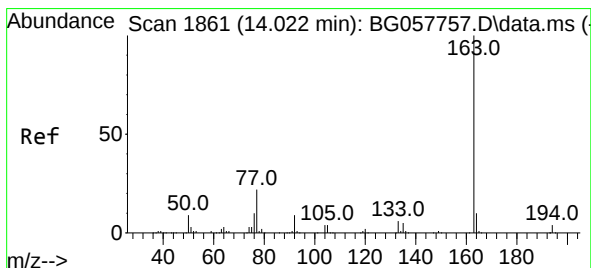
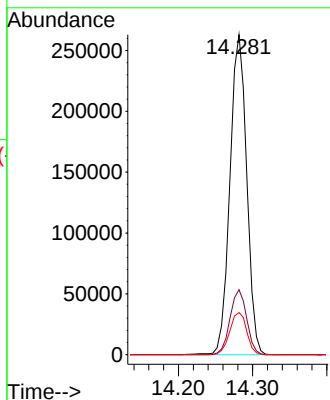
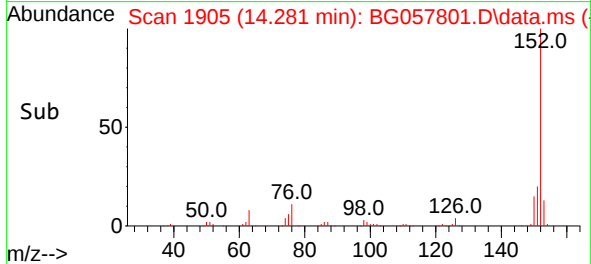
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



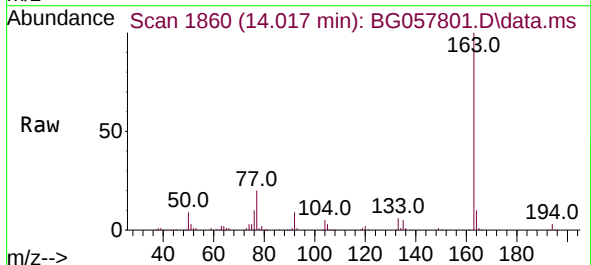
Tgt Ion:152 Resp: 411889
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 13.2 10.5 15.7

Manual Integrations
APPROVED

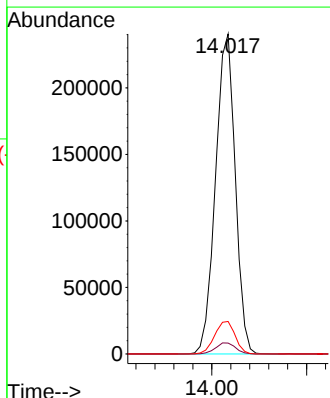
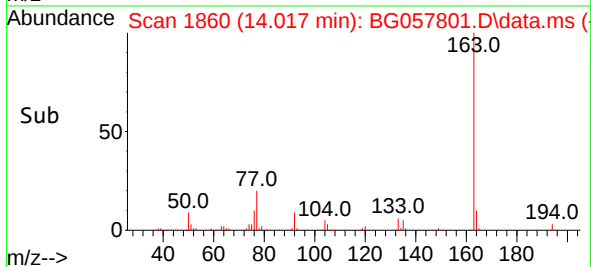
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

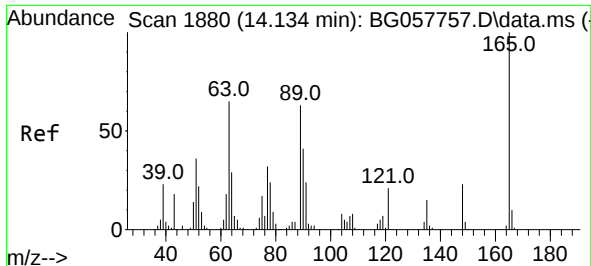


#50
Dimethylphthalate
Concen: 40.359 ng
RT: 14.017 min Scan# 1860
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:163 Resp: 347380
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 46.650 ng
RT: 14.129 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

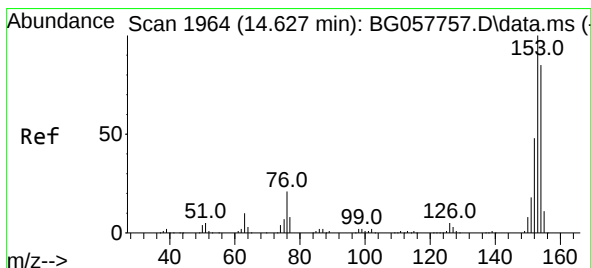
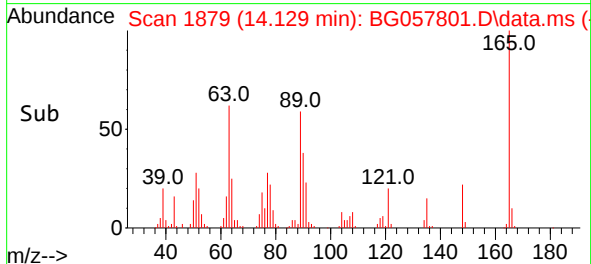
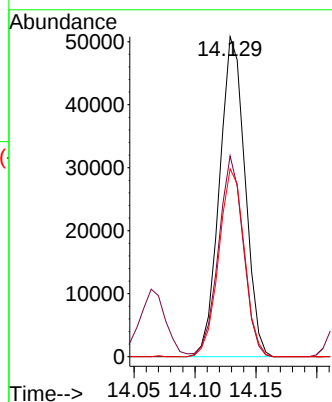
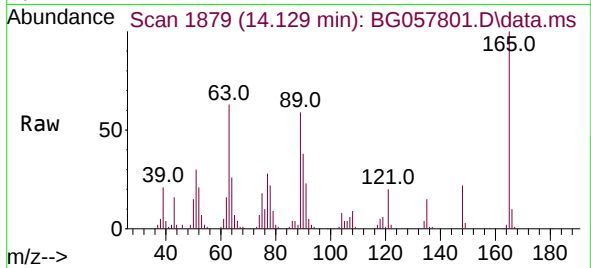
SSTDCCC040

Tgt Ion:165 Resp: 73940
Ion Ratio Lower Upper
165 100
63 62.7 52.8 79.2
89 58.7 50.7 76.1

Manual Integrations

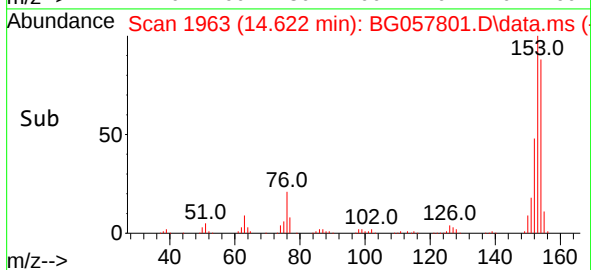
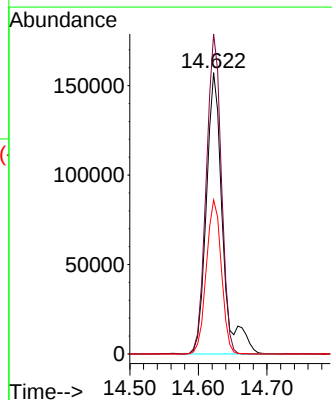
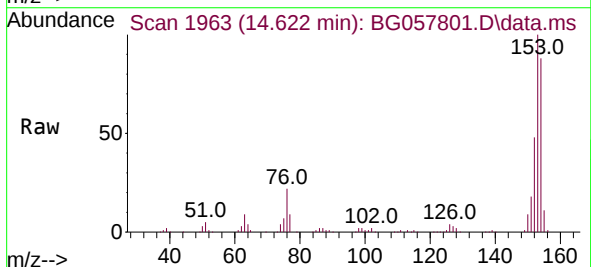
APPROVED

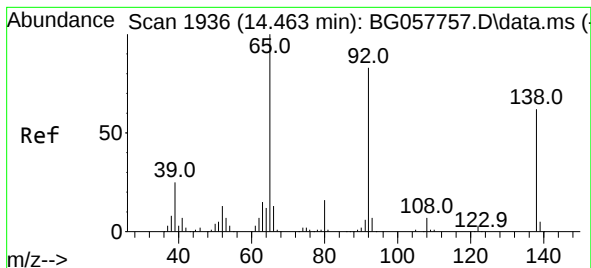
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 41.063 ng m
RT: 14.622 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:154 Resp: 257933
Ion Ratio Lower Upper
154 100
153 113.8 93.6 140.4
152 54.8 44.7 67.1





#53
3-Nitroaniline
Concen: 46.356 ng
RT: 14.458 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

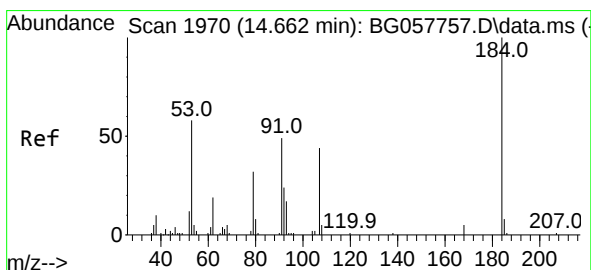
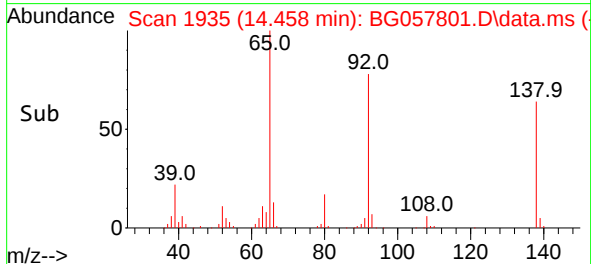
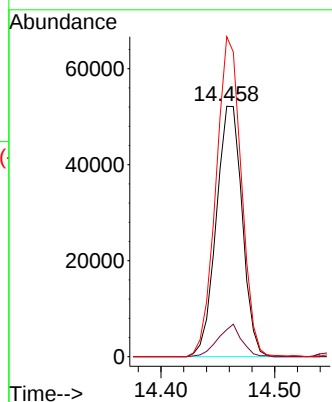
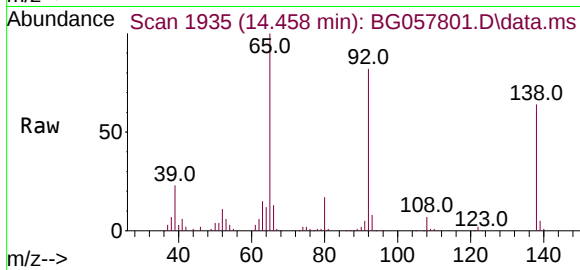
SSTDCCC040

Tgt Ion:138 Resp: 82800
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 127.8 106.4 159.6

Manual Integrations

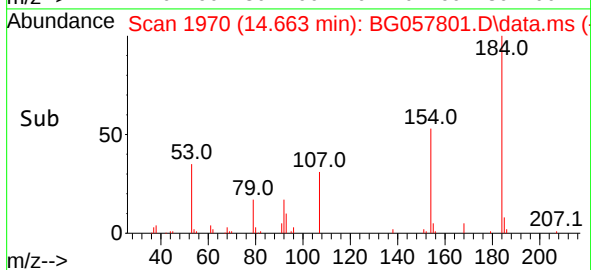
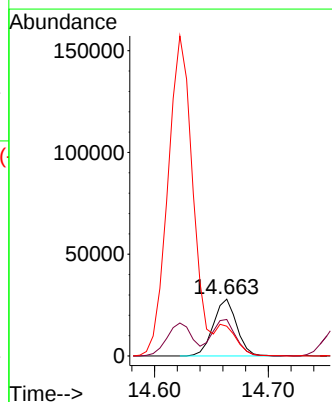
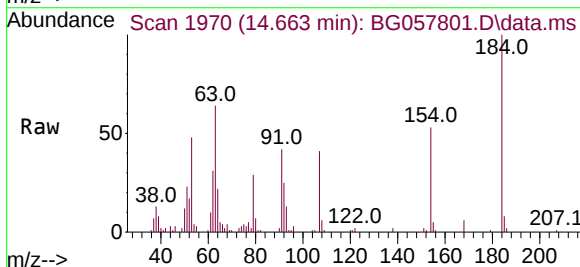
APPROVED

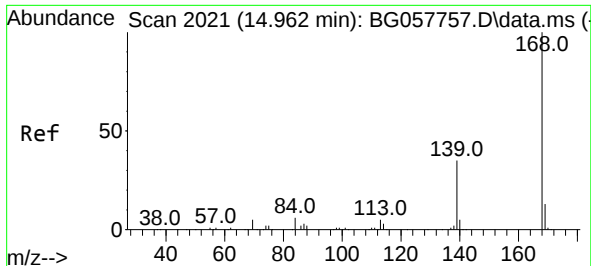
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#54
2,4-Dinitrophenol
Concen: 49.351 ng
RT: 14.663 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:184 Resp: 39756
Ion Ratio Lower Upper
184 100
63 64.3 55.2 82.8
154 52.5 47.4 71.0





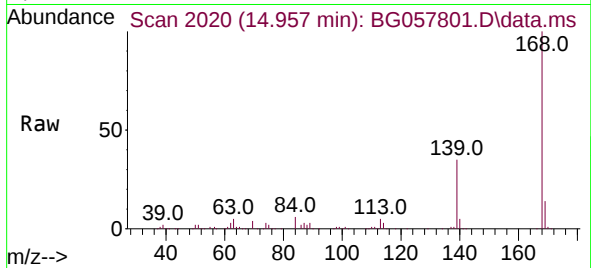
#55
Dibenzofuran
Concen: 40.102 ng
RT: 14.957 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

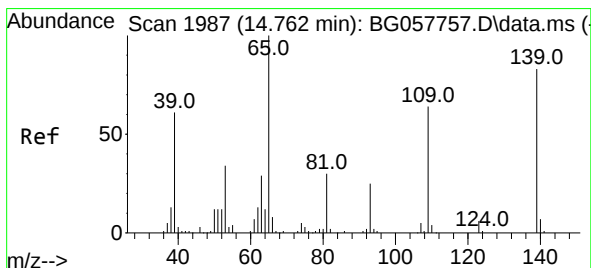
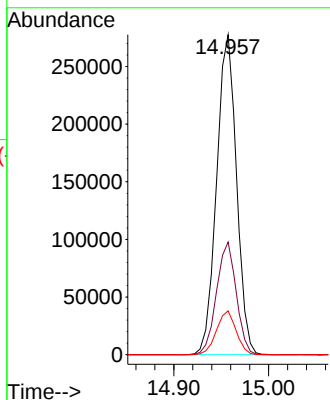
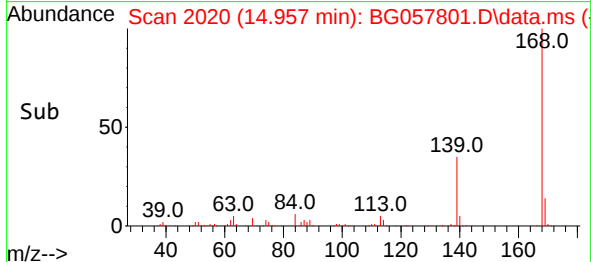


Tgt Ion:168 Resp: 405035
Ion Ratio Lower Upper
168 100
139 35.2 28.1 42.1
169 13.7 10.7 16.1

Manual Integrations

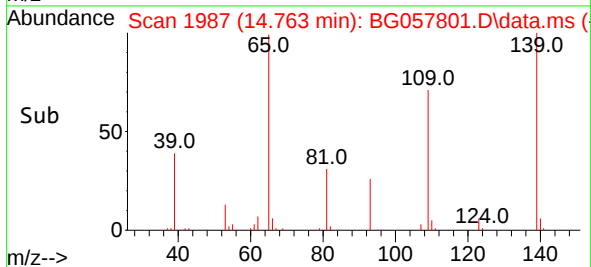
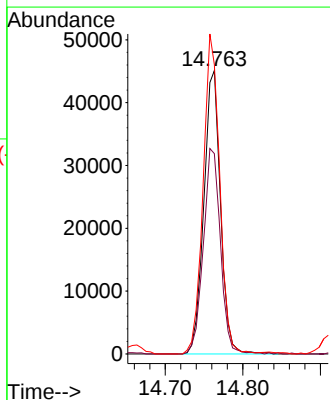
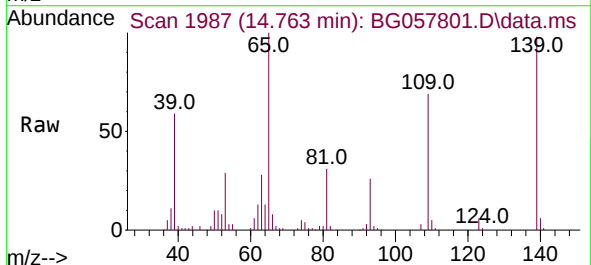
APPROVED

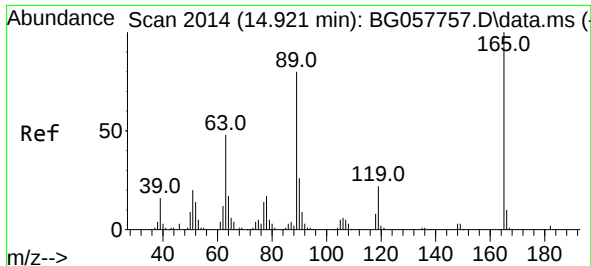
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 47.283 ng
RT: 14.763 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:139 Resp: 67119
Ion Ratio Lower Upper
139 100
109 70.7 57.3 97.3
65 102.1 100.0 140.0





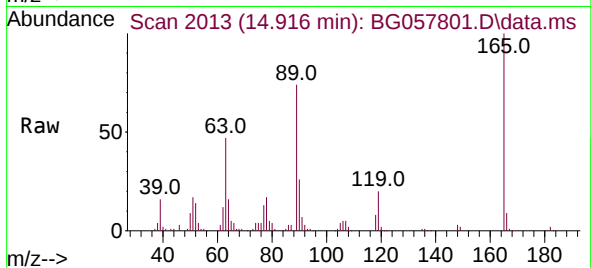
#57
2,4-Dinitrotoluene
Concen: 48.474 ng
RT: 14.916 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

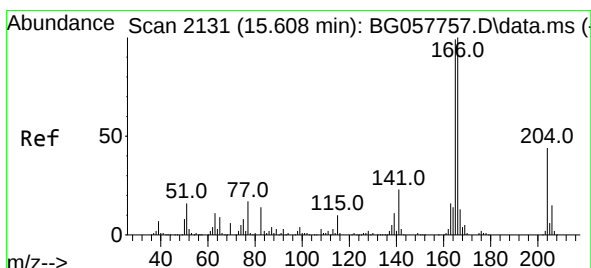
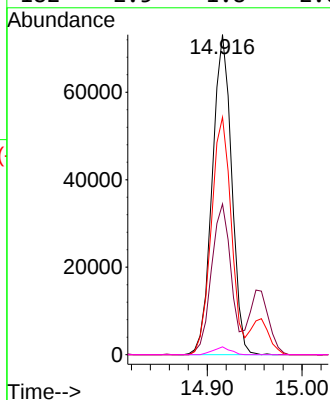
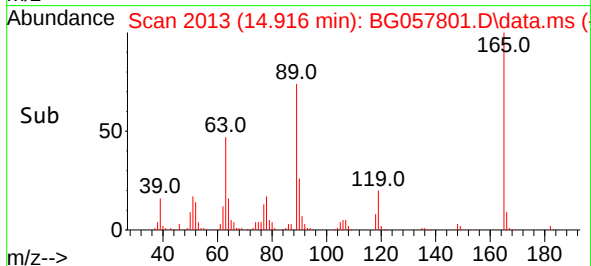


Tgt Ion:165 Resp: 104189
Ion Ratio Lower Upper
165 100
63 47.1 38.6 58.0
89 74.2 63.7 95.5
182 2.5 1.8 2.6

Manual Integrations

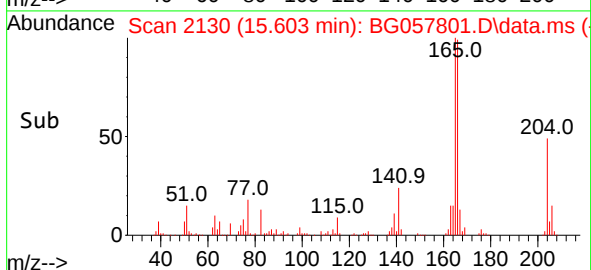
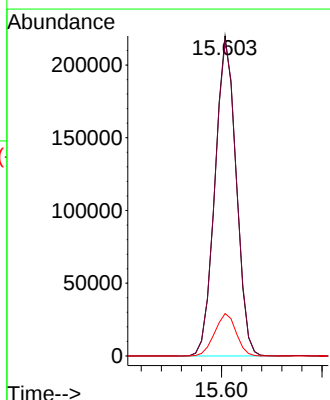
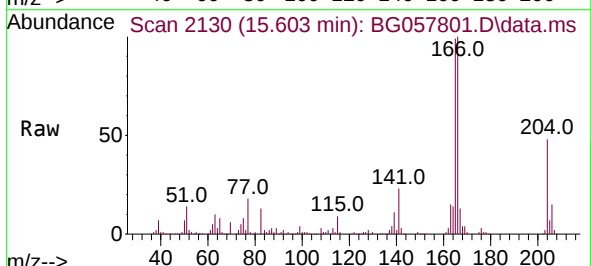
APPROVED

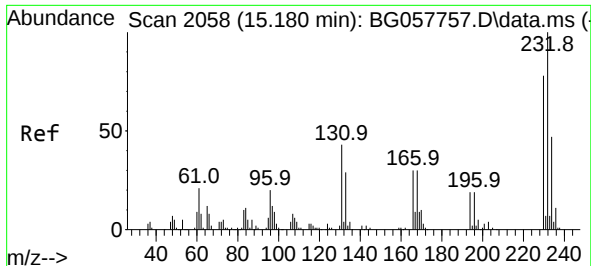
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#58
Fluorene
Concen: 40.094 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:166 Resp: 320557
Ion Ratio Lower Upper
166 100
165 98.6 79.5 119.3
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.765 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

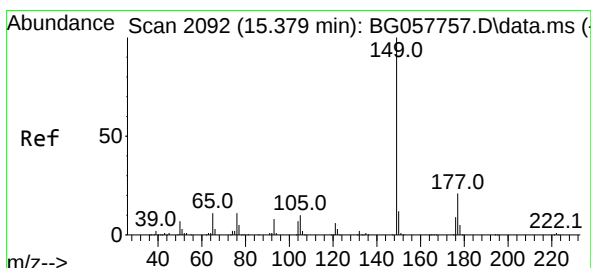
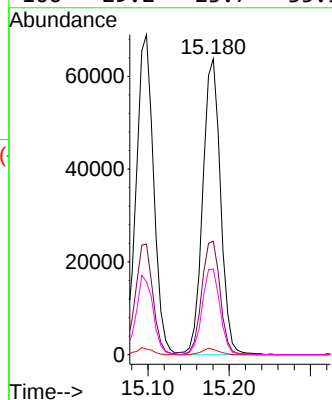
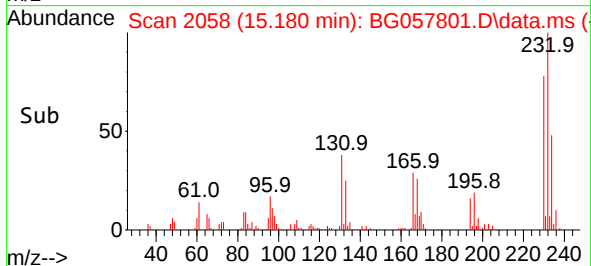
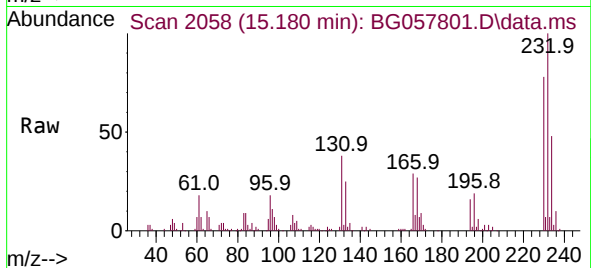
SSTDCCC040

Tgt Ion:232 Resp: 9671
Ion Ratio Lower Upper
232 100
131 39.8 31.9 47.9
130 2.0 1.6 2.4
166 29.2 23.7 35.5

Manual Integrations

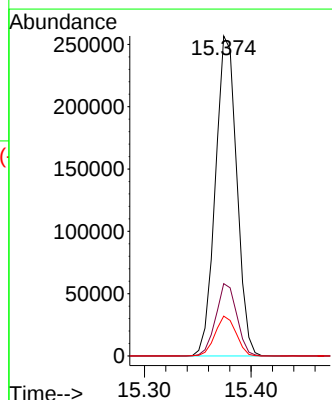
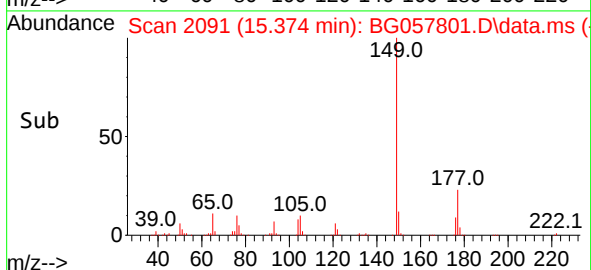
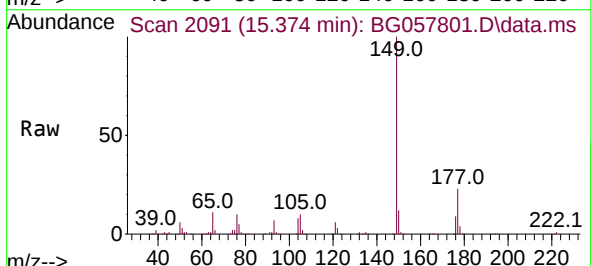
APPROVED

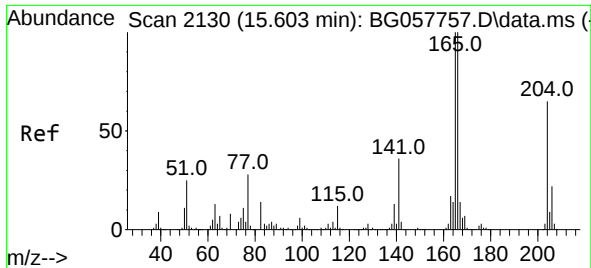
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#60
Diethylphthalate
Concen: 40.329 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:149 Resp: 356113
Ion Ratio Lower Upper
149 100
177 22.6 17.0 25.6
150 12.5 10.0 15.0





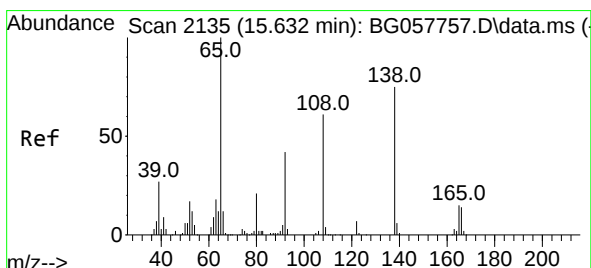
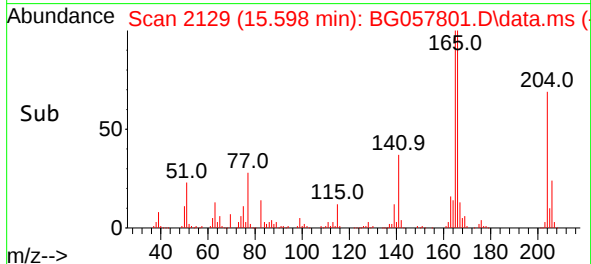
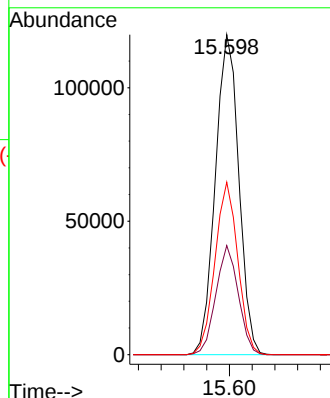
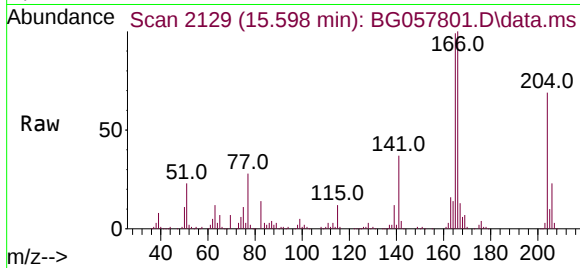
#61
4-Chlorophenyl-phenylether
Concen: 40.468 ng
RT: 15.598 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 172035
Ion Ratio Lower Upper
204 100
206 34.1 26.9 40.3
141 53.9 44.3 66.5

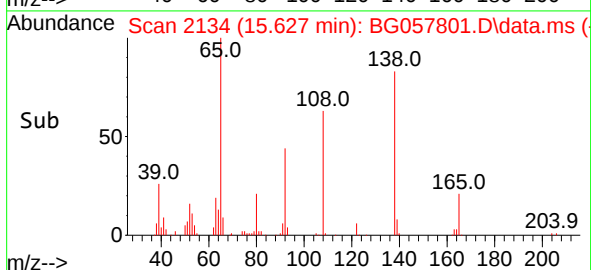
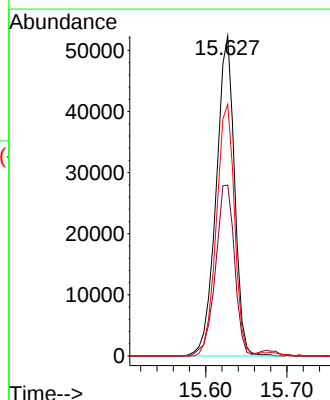
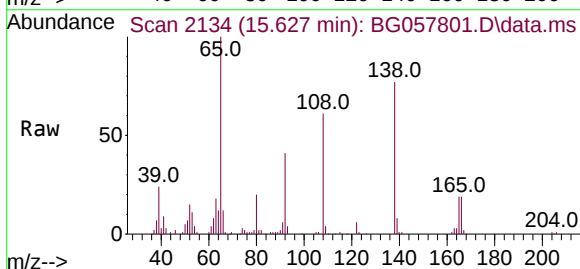
Manual Integrations
APPROVED

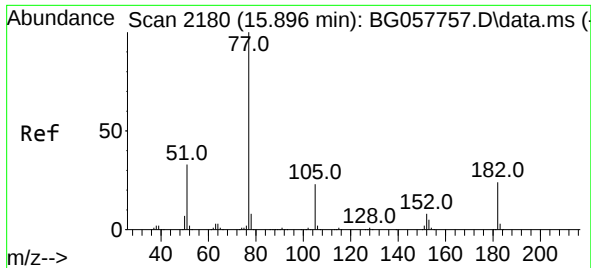
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#62
4-Nitroaniline
Concen: 45.089 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:138 Resp: 82106
Ion Ratio Lower Upper
138 100
92 53.4 35.9 75.9
108 78.7 62.1 102.1





#63
Azobenzene
Concen: 38.778 ng
RT: 15.891 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

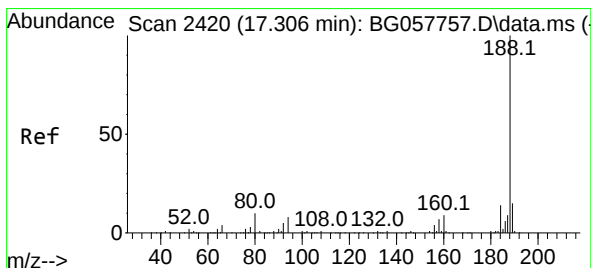
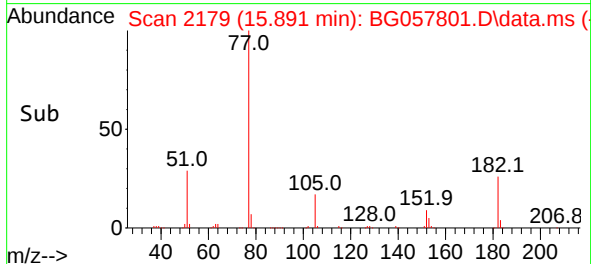
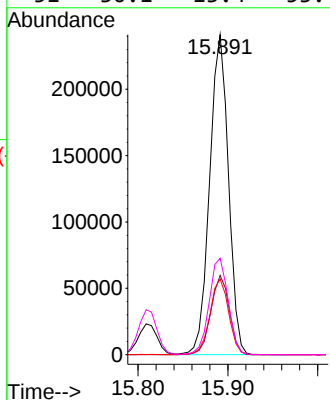
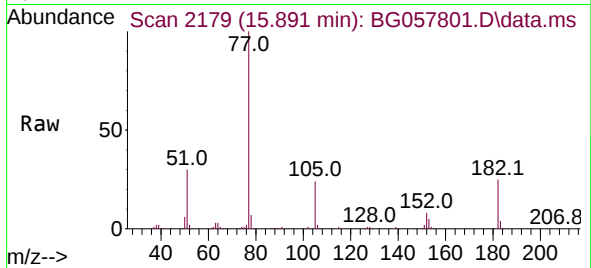
SSTDCCC040

Tgt Ion: 77 Resp: 35026
Ion Ratio Lower Upper
77 100
182 24.7 4.1 44.1
105 23.7 3.3 43.3
51 30.1 13.4 53.4

Manual Integrations

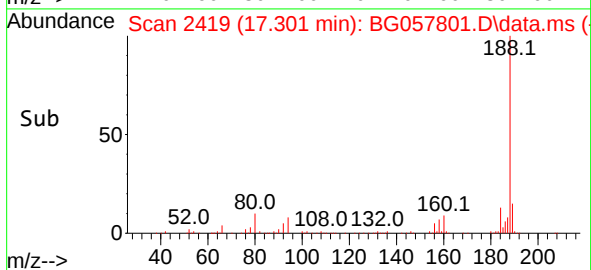
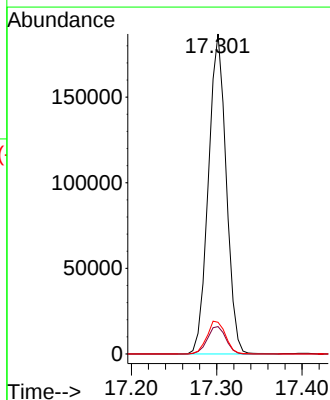
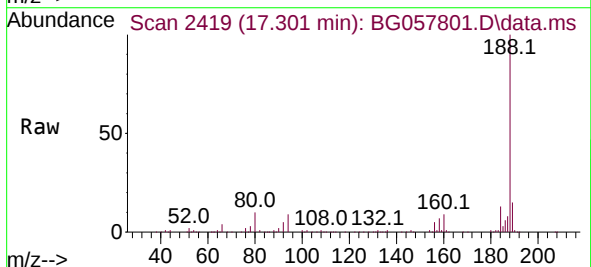
APPROVED

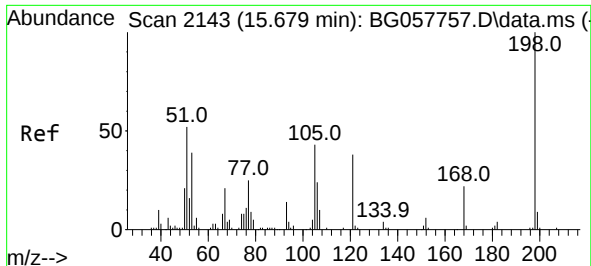
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:188 Resp: 270928
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 9.9 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.803 ng
RT: 15.680 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

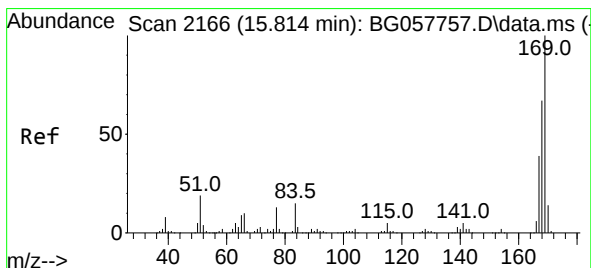
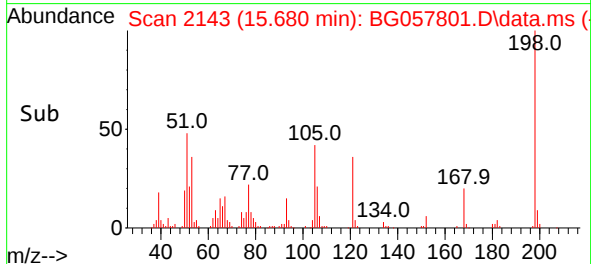
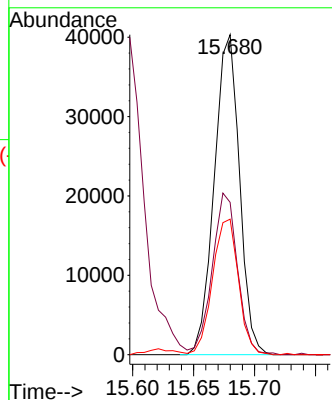
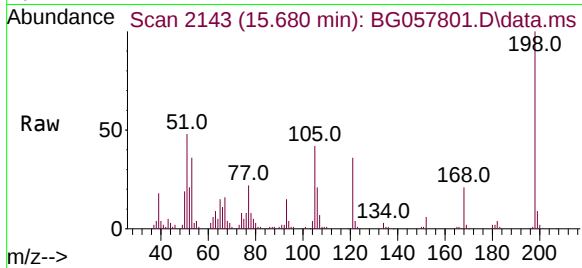
SSTDCCC040

Tgt Ion:198 Resp: 58060
Ion Ratio Lower Upper
198 100
51 47.6 36.6 76.6
105 42.3 24.3 64.3

Manual Integrations

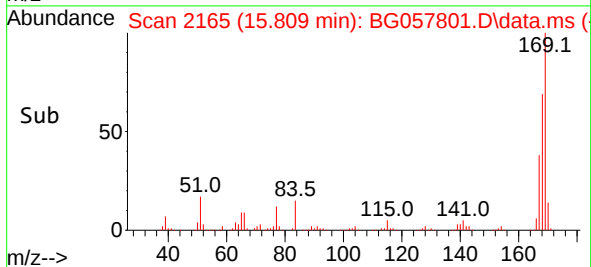
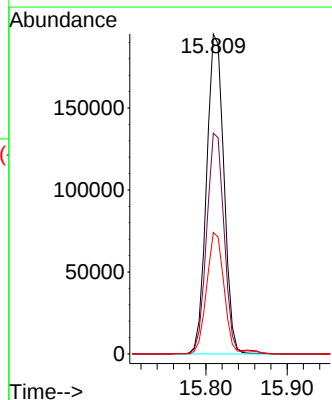
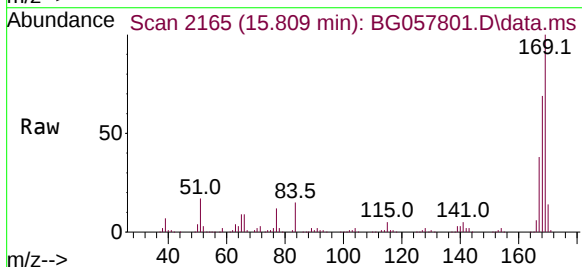
APPROVED

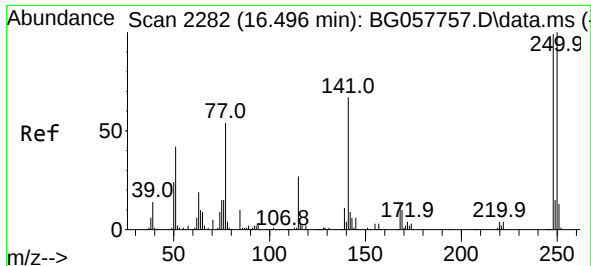
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 40.176 ng
RT: 15.809 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:169 Resp: 287286
Ion Ratio Lower Upper
169 100
168 69.0 53.4 80.2
167 38.0 31.2 46.8





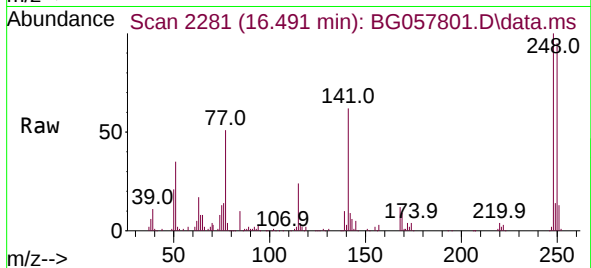
#67
4-Bromophenyl-phenylether
Concen: 40.528 ng
RT: 16.491 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

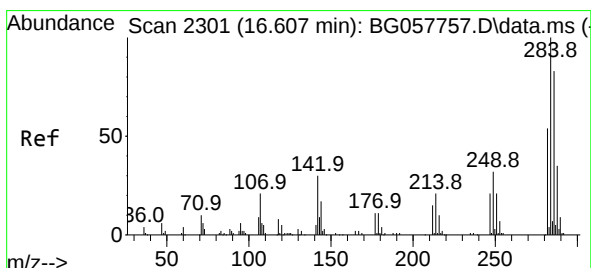
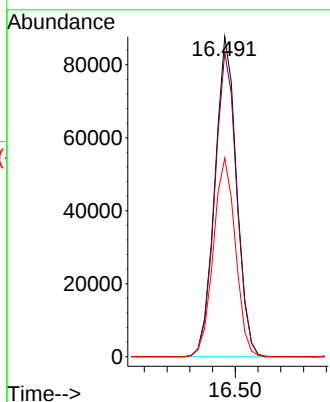
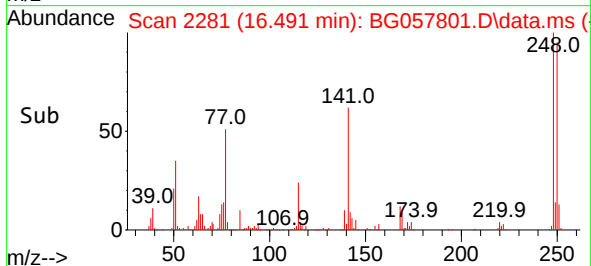


Tgt Ion:248 Resp: 116448
Ion Ratio Lower Upper
248 100
250 95.1 81.1 121.7
141 62.1 54.6 81.8

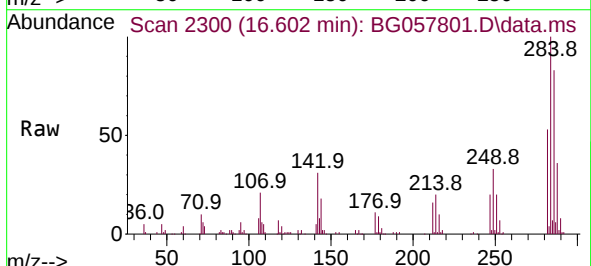
Manual Integrations

APPROVED

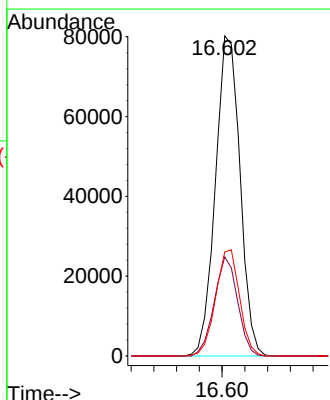
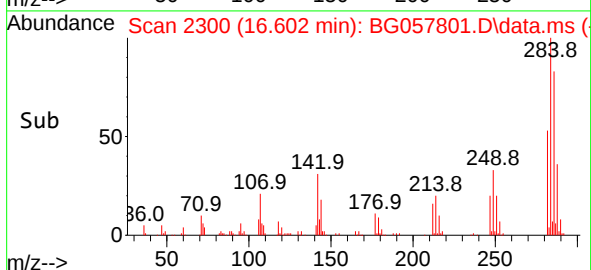
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

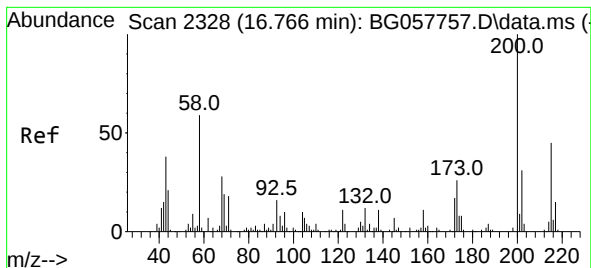


#68
Hexachlorobenzene
Concen: 41.146 ng
RT: 16.602 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:284 Resp: 120522
Ion Ratio Lower Upper
284 100
142 31.0 24.2 36.4
249 32.5 25.9 38.9





#69

Atrazine

Concen: 39.244 ng

RT: 16.761 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 96329

Ion Ratio Lower Upper

200 100

173 25.9 5.6 45.6

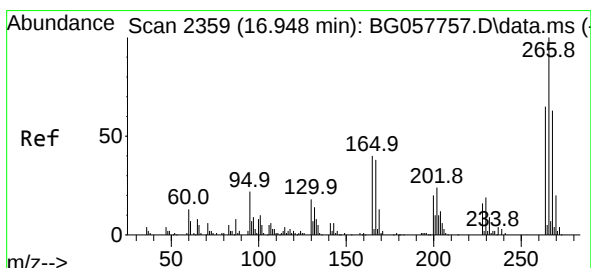
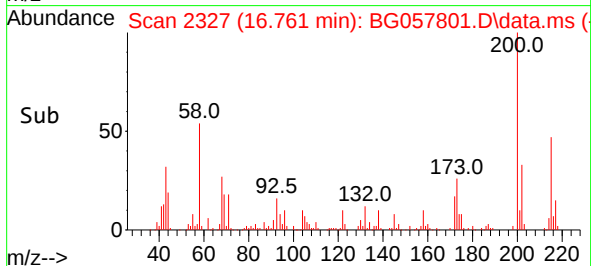
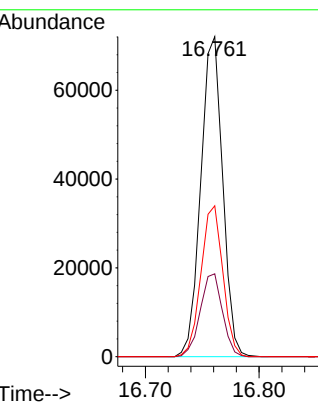
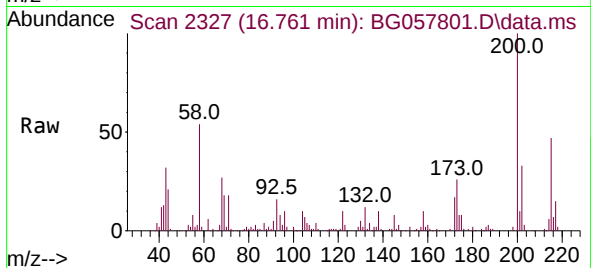
215 47.1 24.6 64.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 44.375 ng

RT: 16.949 min Scan# 2359

Delta R.T. 0.001 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

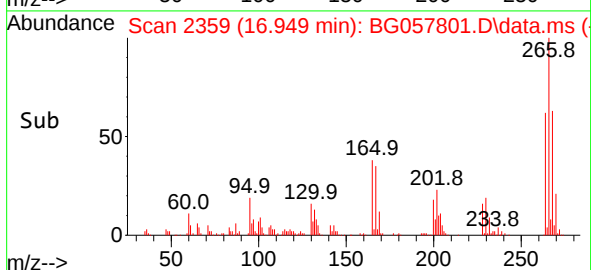
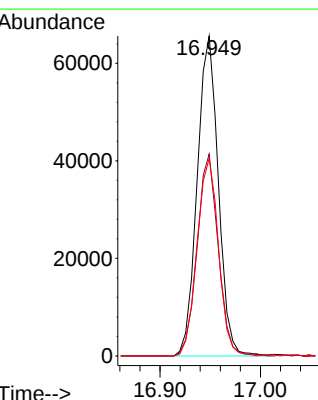
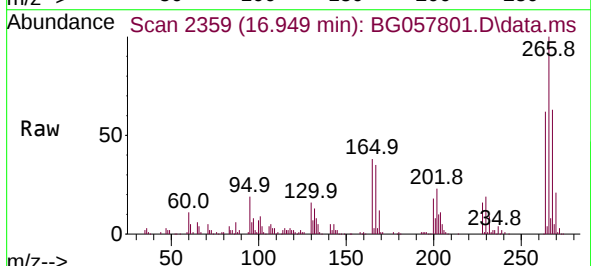
Tgt Ion:266 Resp: 96025

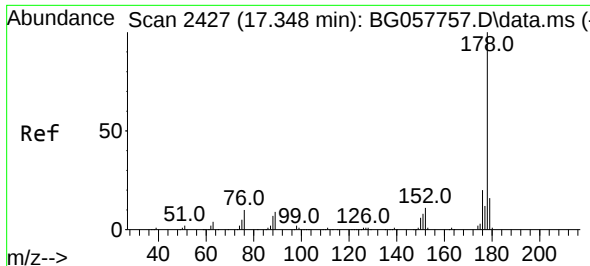
Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 61.7 51.8 77.6





#71
Phenanthrene
Concen: 39.446 ng
RT: 17.343 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

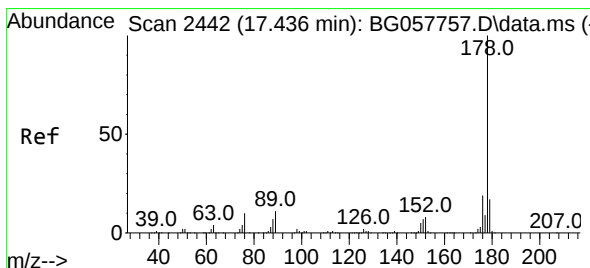
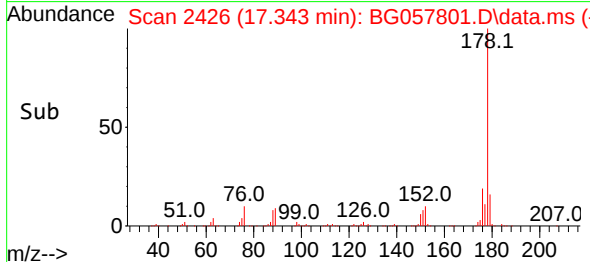
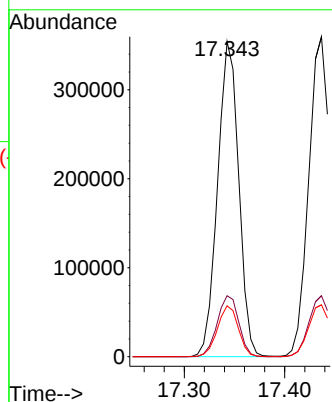
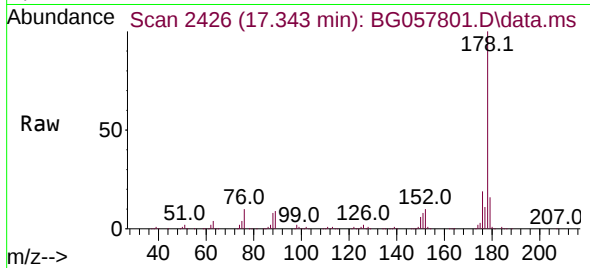
SSTDCCC040

Tgt Ion:178 Resp: 517448
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 16.1 13.0 19.6

Manual Integrations

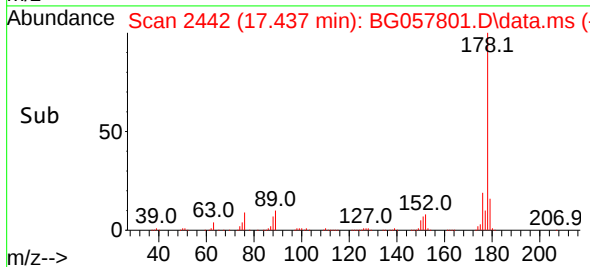
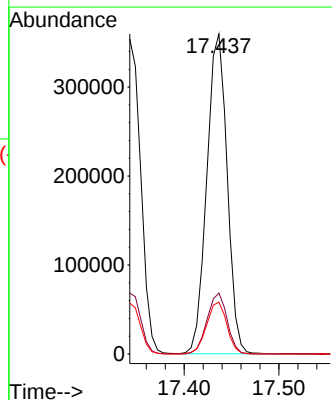
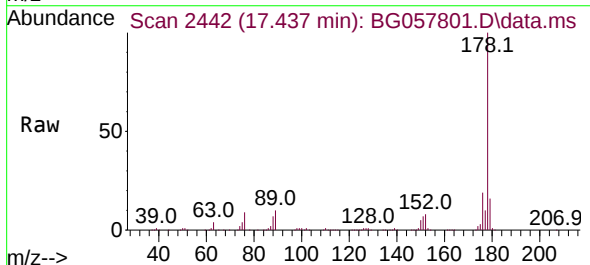
APPROVED

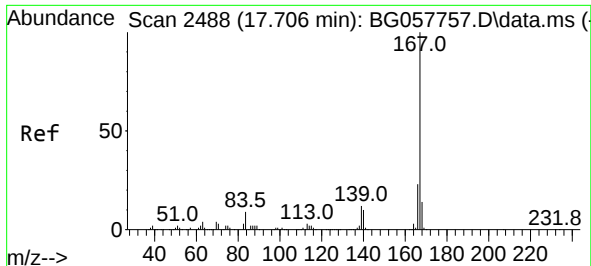
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#72
Anthracene
Concen: 39.923 ng
RT: 17.437 min Scan# 2442
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Tgt Ion:178 Resp: 534765
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.2 13.3 19.9





#73
 Carbazole
 Concen: 40.086 ng
 RT: 17.701 min Scan# 2488
 Delta R.T. -0.005 min
 Lab File: BG057801.D
 Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

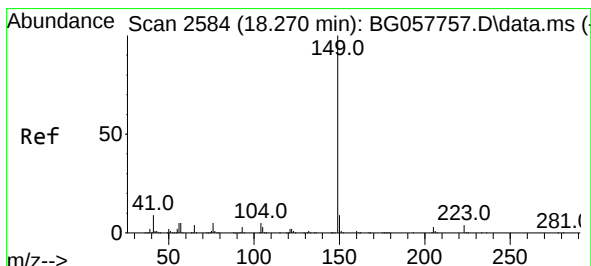
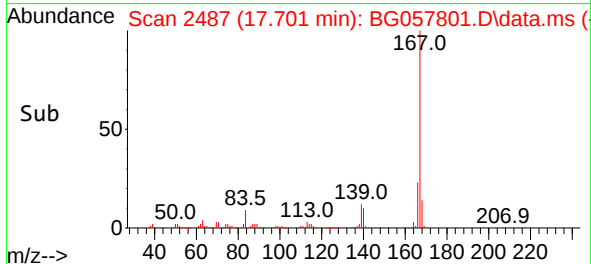
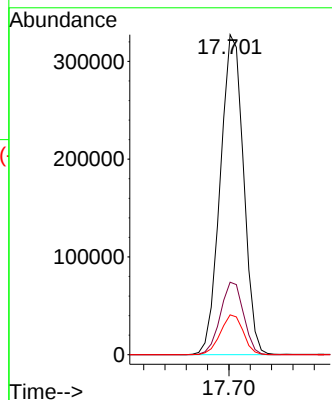
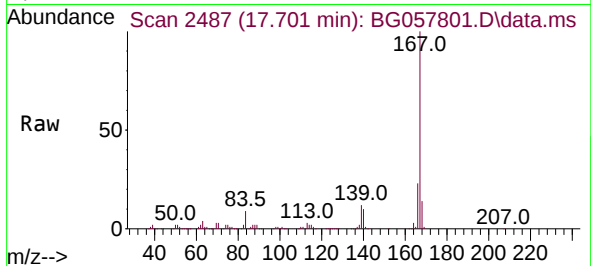
SSTDCCC040

Tgt Ion:167 Resp: 495089
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.4 9.9 14.9

Manual Integrations

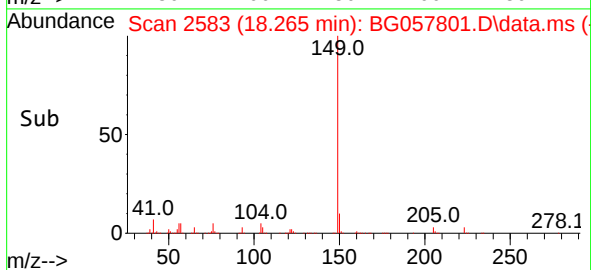
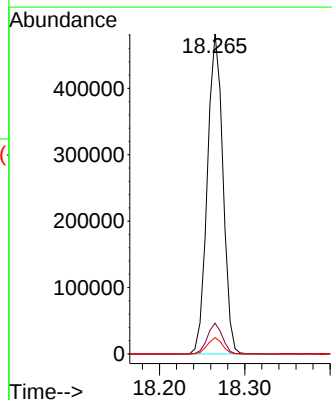
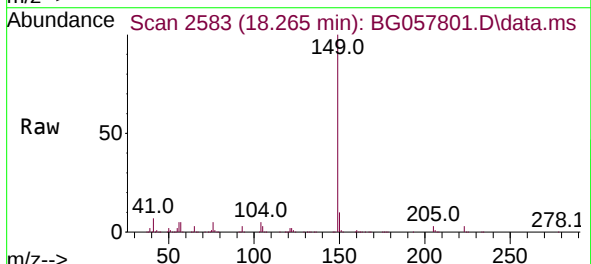
APPROVED

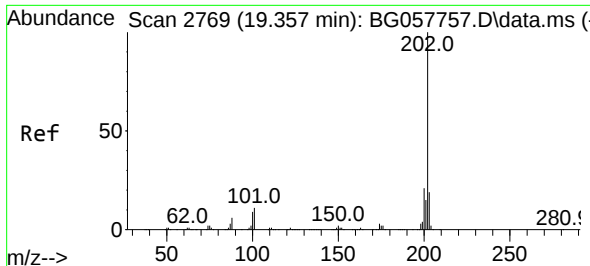
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#74
 Di-n-butylphthalate
 Concen: 41.788 ng
 RT: 18.265 min Scan# 2583
 Delta R.T. -0.005 min
 Lab File: BG057801.D
 Acq: 22 Jun 2023 8:38

Tgt Ion:149 Resp: 611109
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.1 4.1 6.1





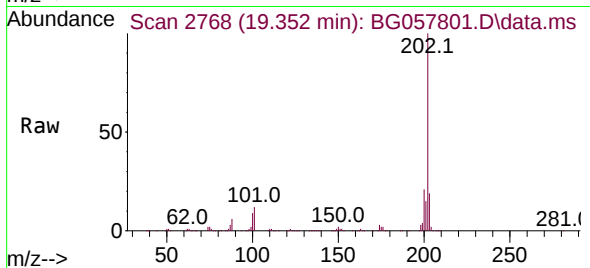
#75
Fluoranthene
Concen: 40.068 ng
RT: 19.352 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

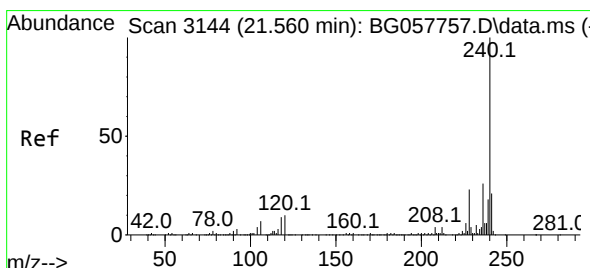
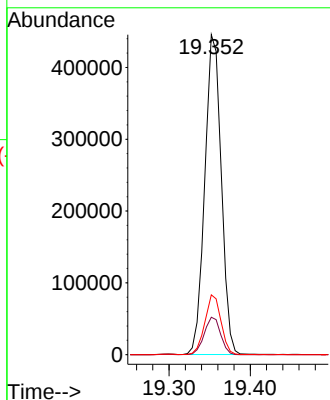
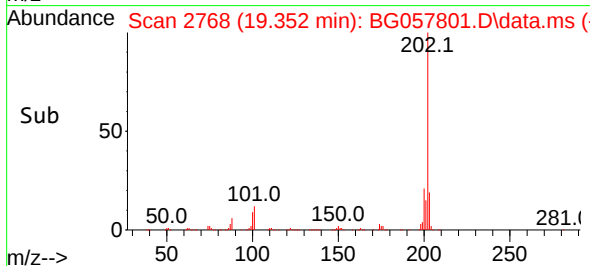


Tgt Ion:202 Resp: 626159
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 18.7 0.0 38.7

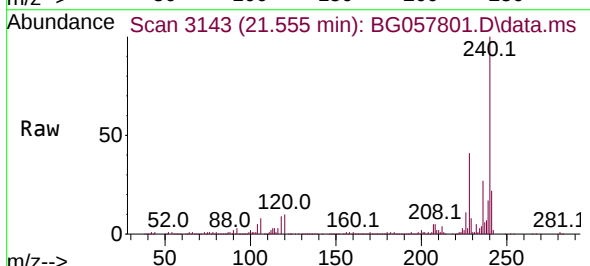
Manual Integrations

APPROVED

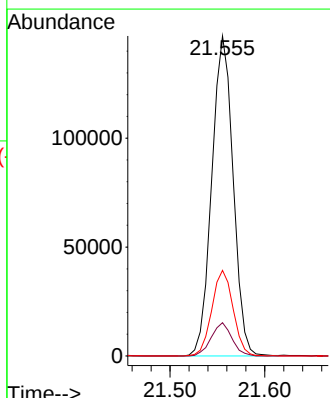
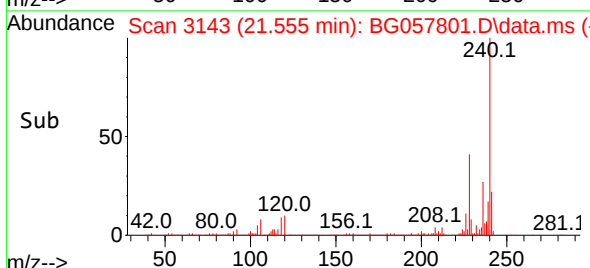
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

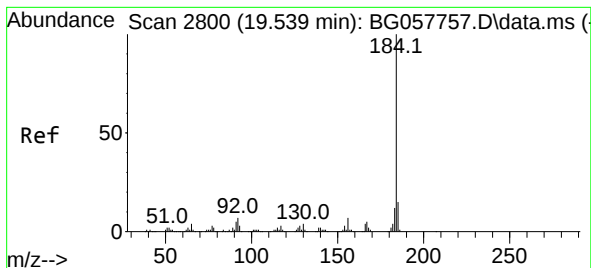


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:240 Resp: 230590
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.8 20.6 30.8





#77

Benzidine

Concen: 46.377 ng

RT: 19.534 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 25068

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

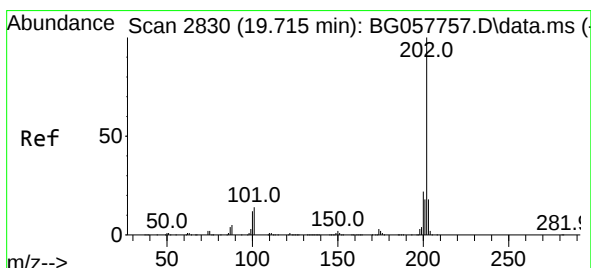
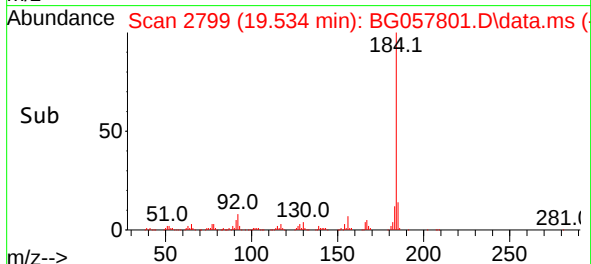
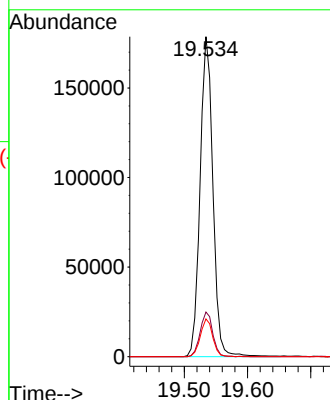
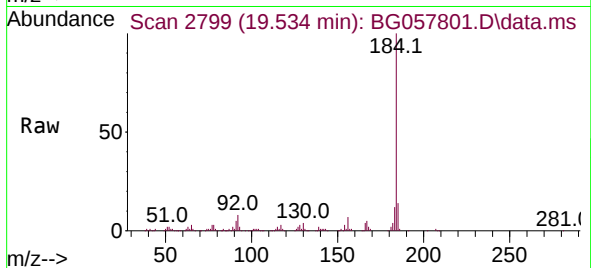
183 11.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#78

Pyrene

Concen: 38.904 ng

RT: 19.716 min Scan# 2830

Delta R.T. 0.001 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

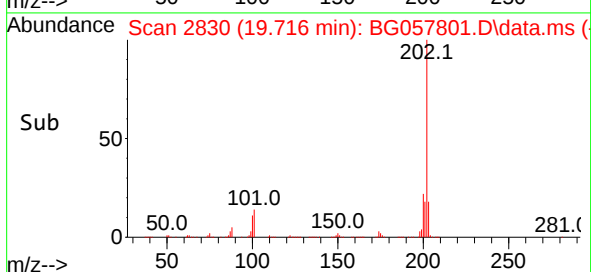
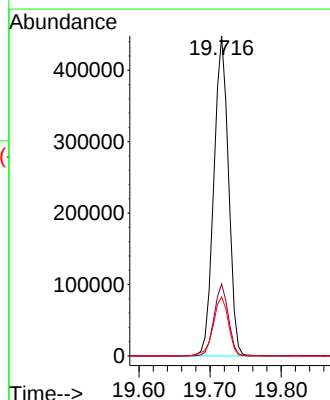
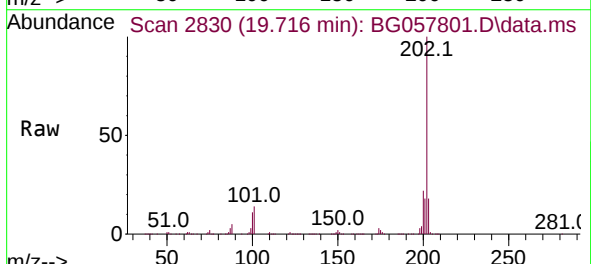
Tgt Ion:202 Resp: 639930

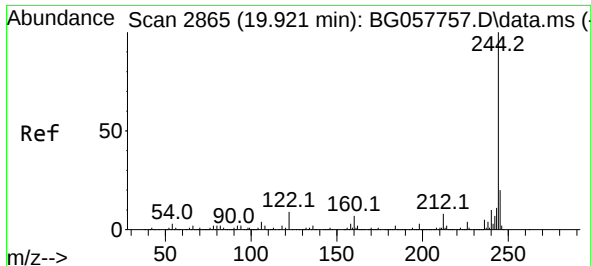
Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.0

203 18.5 14.6 22.0





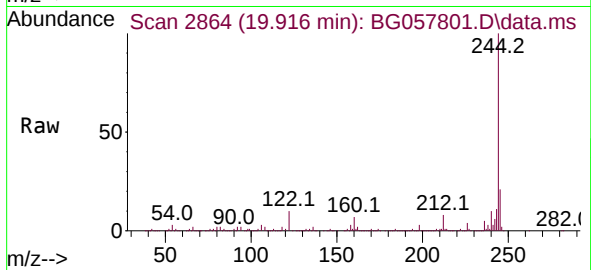
#79
 Terphenyl-d14
 Concen: 80.163 ng
 RT: 19.916 min Scan# 2864
 Delta R.T. -0.005 min
 Lab File: BG057801.D
 Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

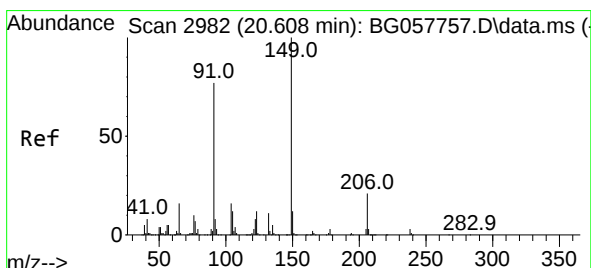
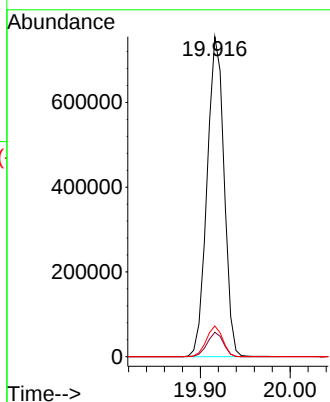
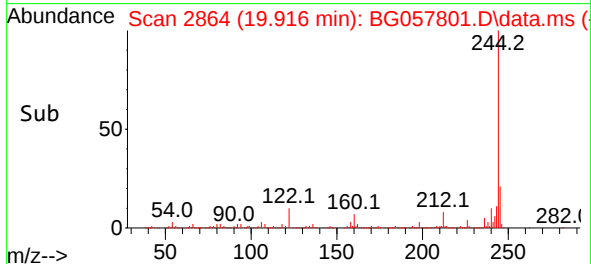


Tgt Ion:244 Resp: 99132
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.6 7.6 11.4

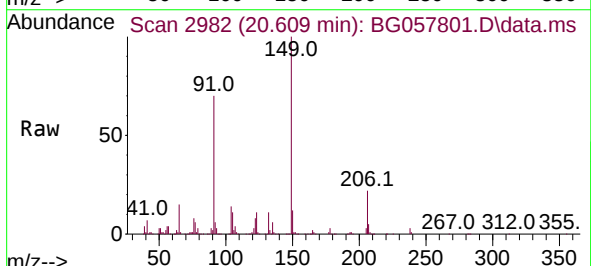
Manual Integrations

APPROVED

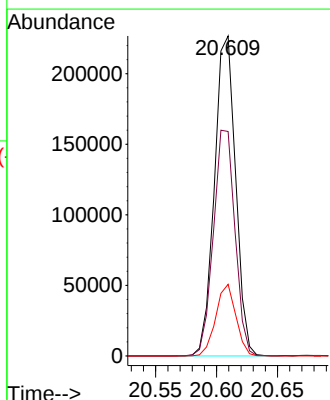
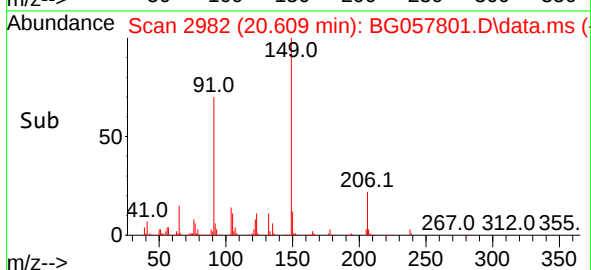
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

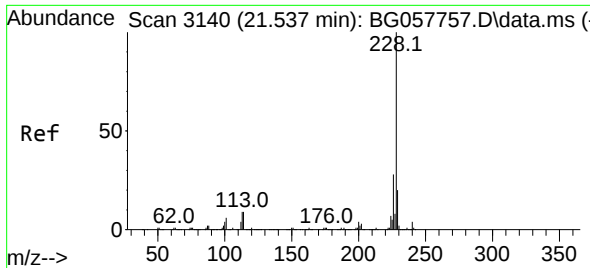


#80
 Butylbenzylphthalate
 Concen: 43.897 ng
 RT: 20.609 min Scan# 2982
 Delta R.T. 0.001 min
 Lab File: BG057801.D
 Acq: 22 Jun 2023 8:38



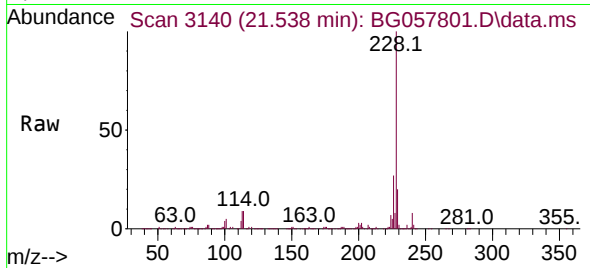
Tgt Ion:149 Resp: 274677
 Ion Ratio Lower Upper
 149 100
 91 70.2 61.7 92.5
 206 22.4 16.6 24.8





#81
Benzo(a)anthracene
Concen: 41.086 ng
RT: 21.538 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

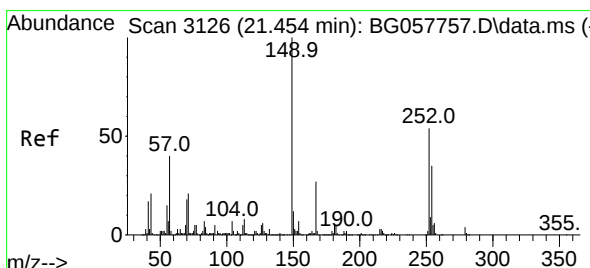
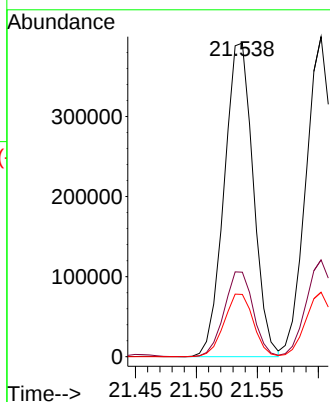
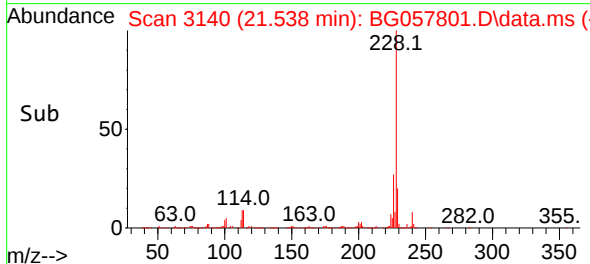
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



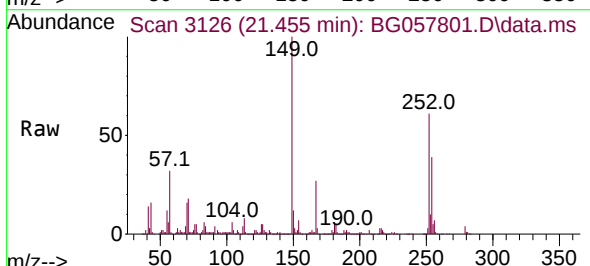
Tgt Ion:228 Resp: 650000
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.8 16.3 24.5

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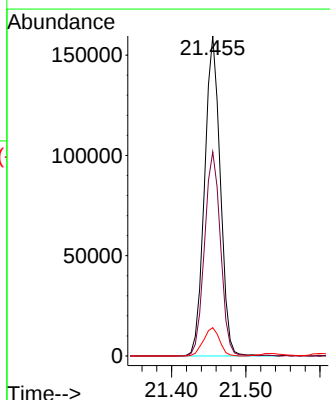
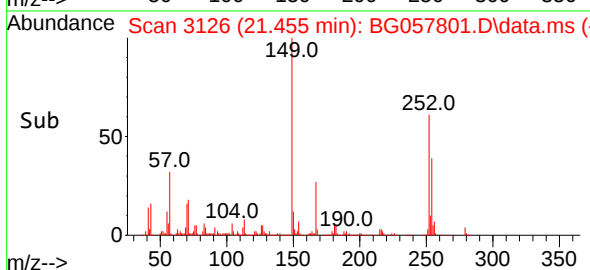
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

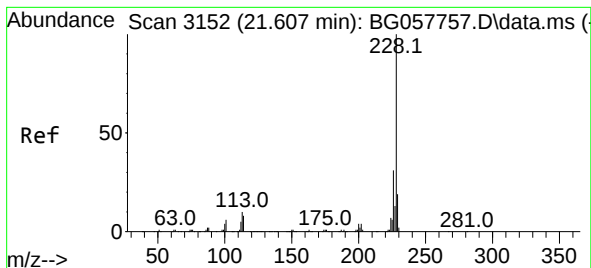


#82
3,3'-Dichlorobenzidine
Concen: 43.611 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:252 Resp: 234663
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 8.9 7.0 10.6





#83

Chrysene

Concen: 41.009 ng

RT: 21.602 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

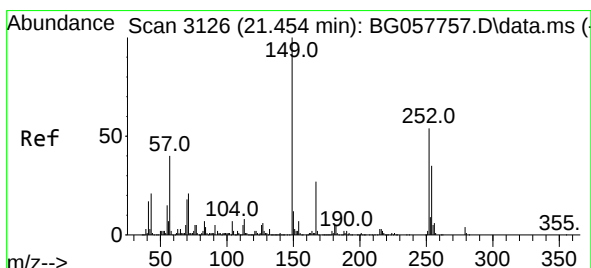
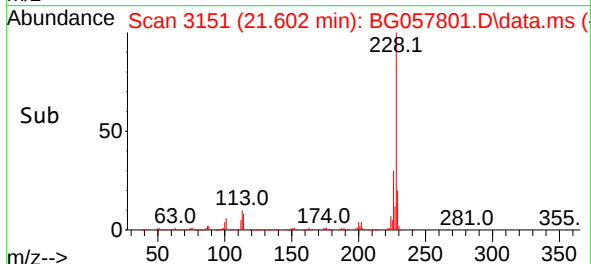
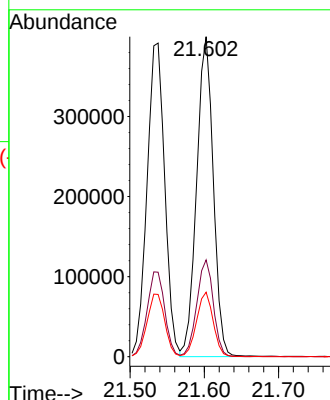
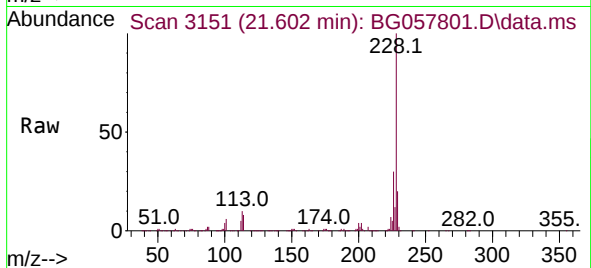
SSTDCCC040

Tgt Ion:228 Resp: 622629
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.8 37.2
 229 20.1 15.6 23.4

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.185 ng

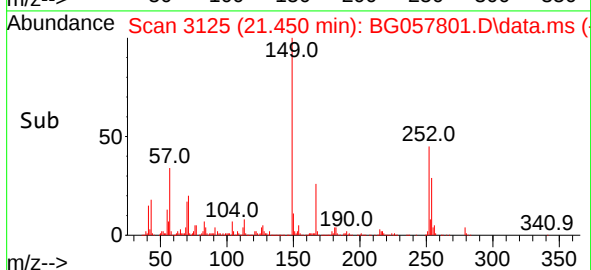
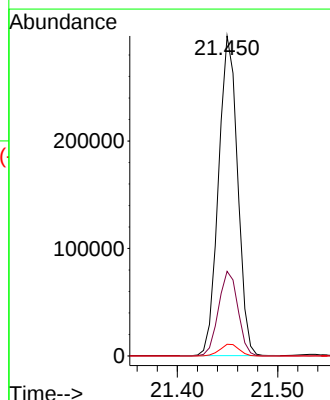
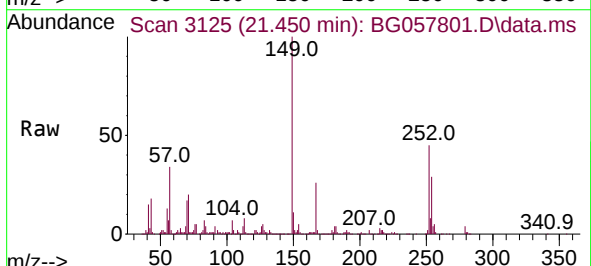
RT: 21.450 min Scan# 3125

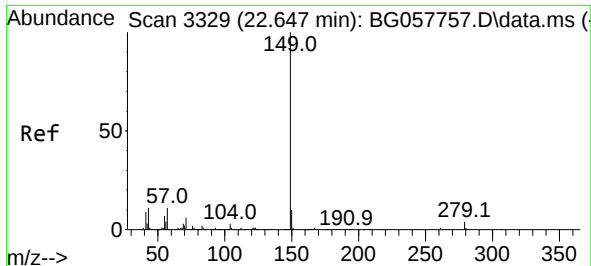
Delta R.T. -0.005 min

Lab File: BG057801.D

Acq: 22 Jun 2023 8:38

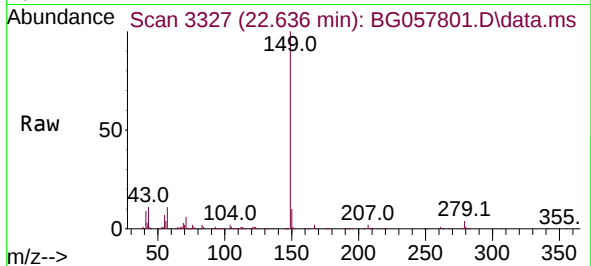
Tgt Ion:149 Resp: 392337
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.8 32.8
 279 3.6 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.341 ng
RT: 22.636 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

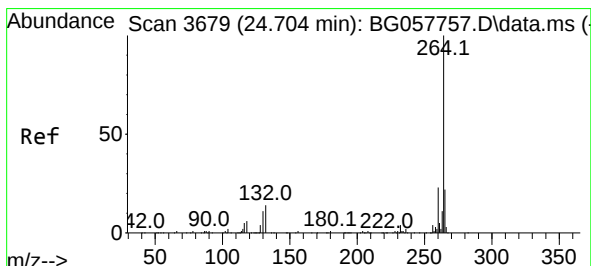
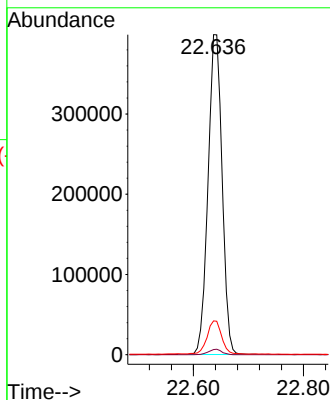
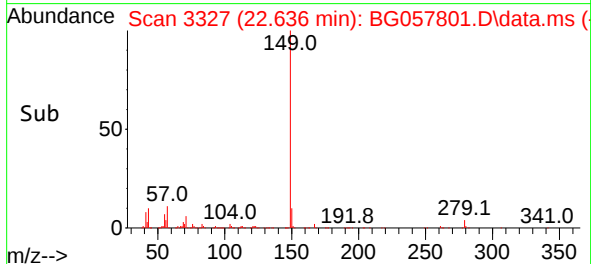
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



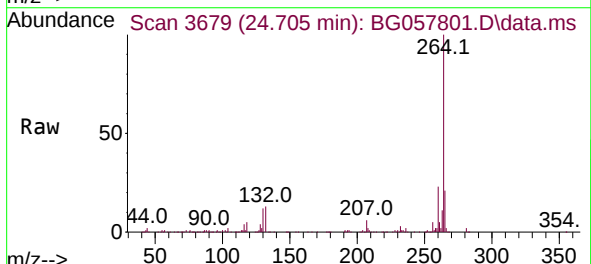
Tgt Ion:149 Resp: 706574
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 9.6 14.4

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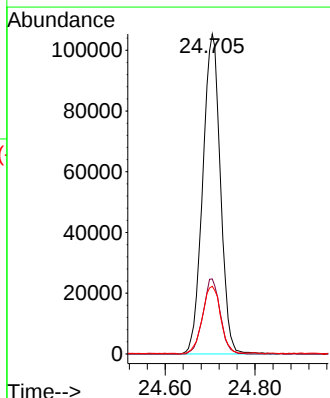
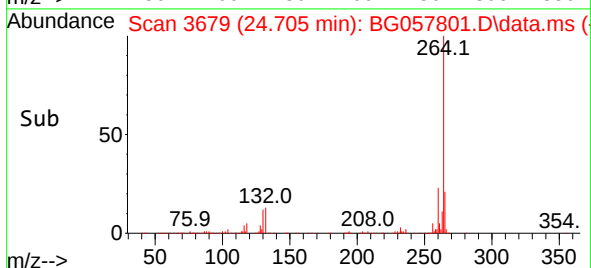
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

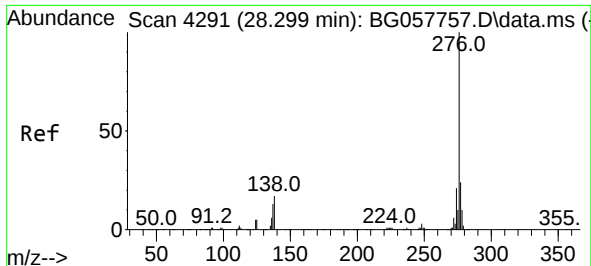


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.705 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



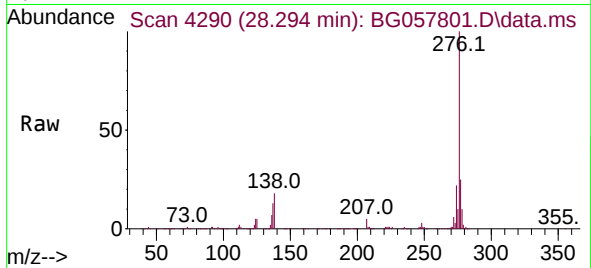
Tgt Ion:264 Resp: 287067
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.725 ng
RT: 28.294 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

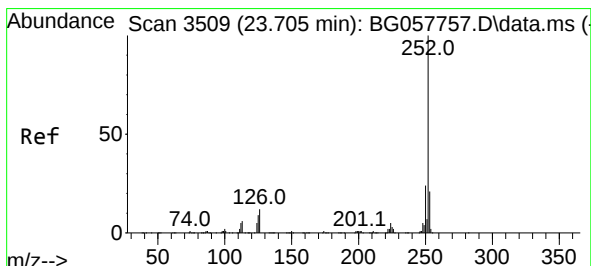
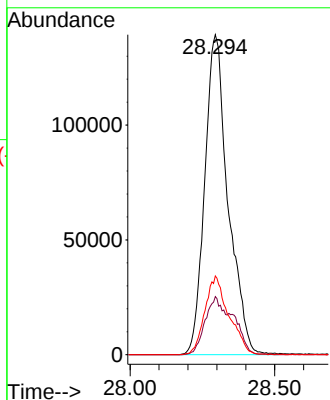
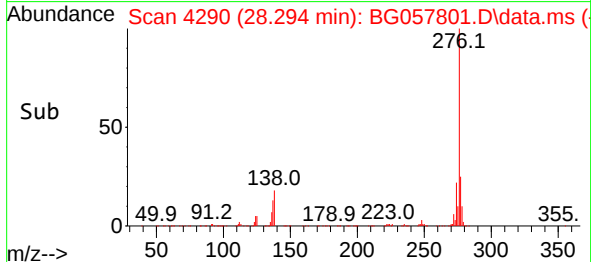
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



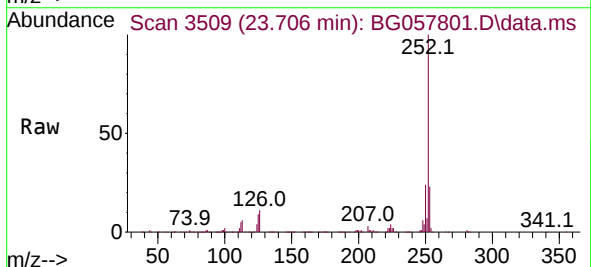
Tgt Ion:276 Resp: 783134
Ion Ratio Lower Upper
276 100
138 14.7 11.3 16.9
277 25.3 20.4 30.6

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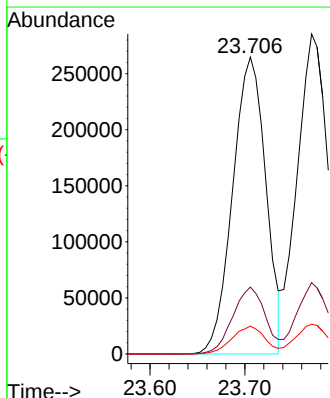
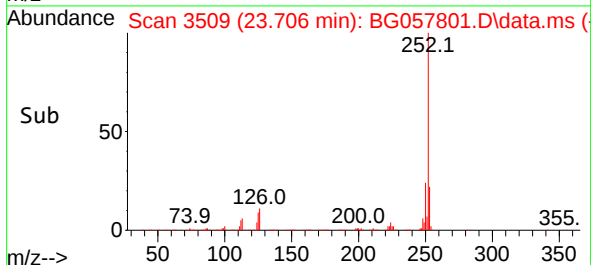
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

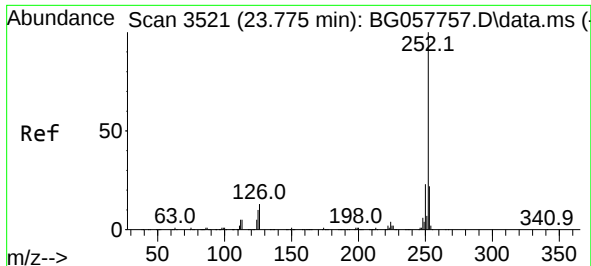


#88
Benzo(b)fluoranthene
Concen: 40.921 ng
RT: 23.706 min Scan# 3509
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:252 Resp: 643724
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 9.4 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 41.207 ng
RT: 23.770 min Scan# 3521
Delta R.T. -0.005 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

Instrument :

BNA_G

ClientSampleId :

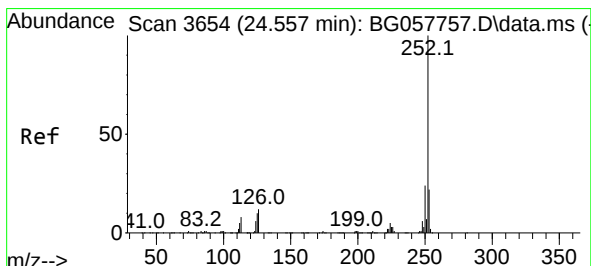
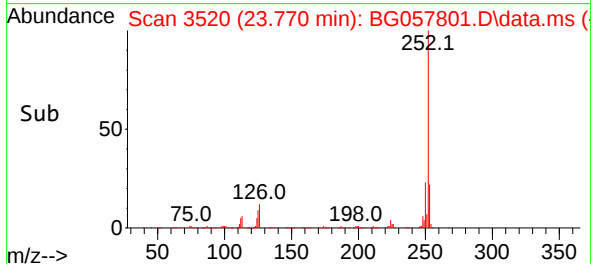
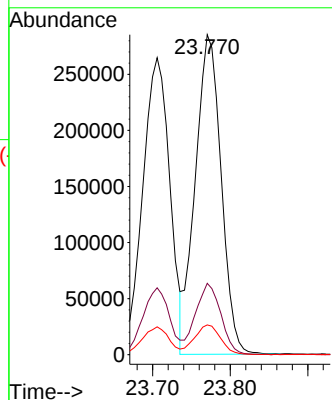
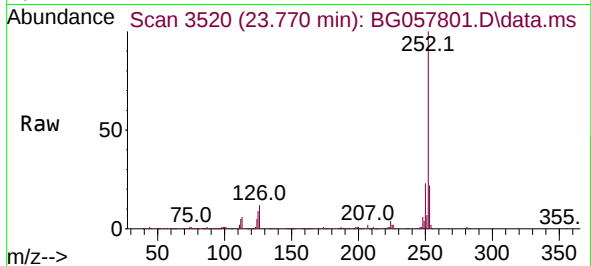
SSTDCCC040

Tgt Ion:252 Resp: 66019
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.3 7.6 11.4

Manual Integrations

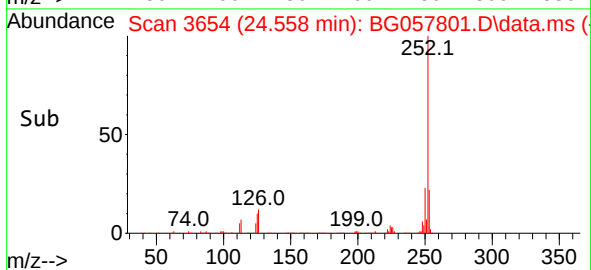
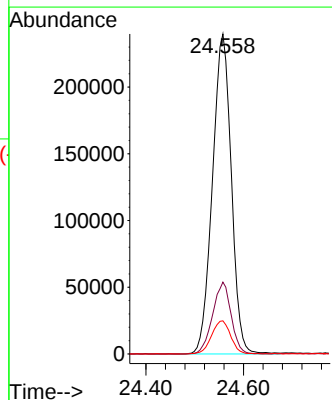
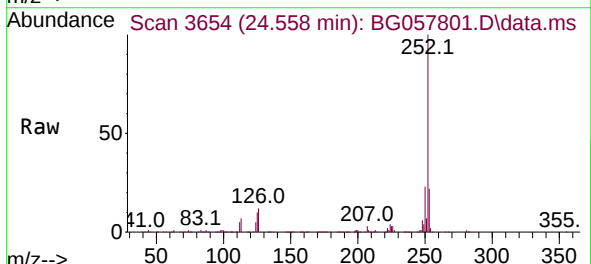
APPROVED

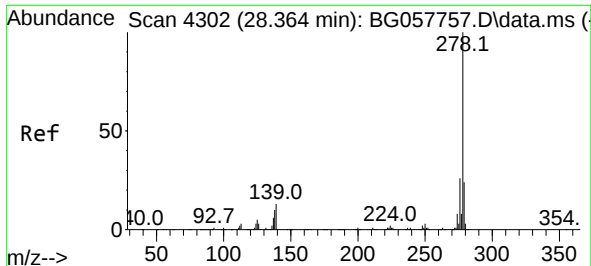
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 41.619 ng
RT: 24.558 min Scan# 3654
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

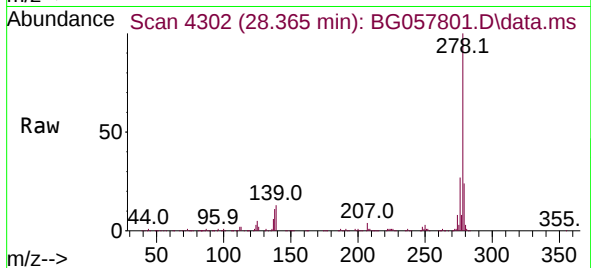
Tgt Ion:252 Resp: 642979
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.4 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 41.614 ng
RT: 28.365 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38

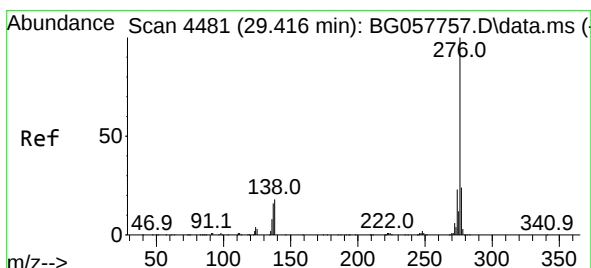
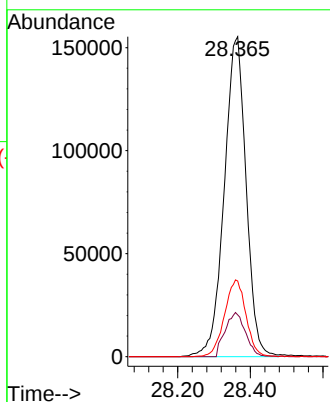
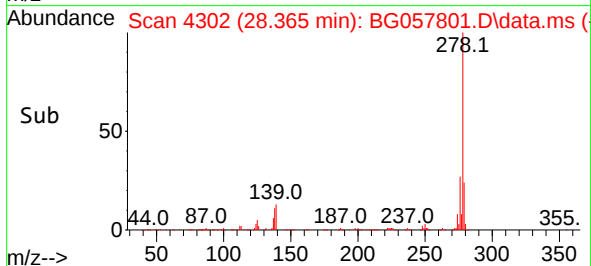
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



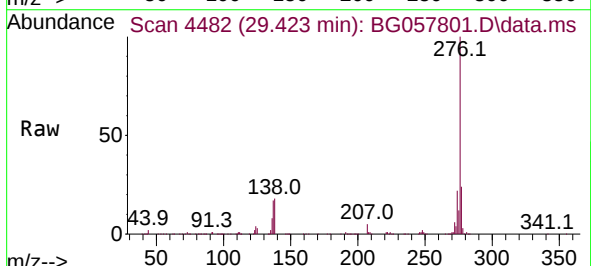
Tgt Ion:278 Resp: 64805
Ion Ratio Lower Upper
278 100
139 13.0 10.8 16.2
279 23.7 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.043 ng
RT: 29.423 min Scan# 4482
Delta R.T. 0.007 min
Lab File: BG057801.D
Acq: 22 Jun 2023 8:38



Tgt Ion:276 Resp: 639974
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 18.1 14.2 21.4

