

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057787.D
 Acq On : 21 Jun 2023 16:37
 Operator : CG/JU
 Sample : PB153543BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB153543BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 22 04:50:29 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	33565	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	160814	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	116064	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	291370	20.000	ng	0.00
76) Chrysene-d12	21.561	240	242402	20.000	ng	0.00
86) Perylene-d12	24.710	264	295728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	310731	142.743	ng	0.00
7) Phenol-d6	7.090	99	444170	133.724	ng	0.00
23) Nitrobenzene-d5	9.087	82	249538	79.640	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	206731	127.867	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	592264	77.398	ng	0.00
79) Terphenyl-d14	19.922	244	1079756	83.060	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	36571	36.907	ng	96
3) Pyridine	3.788	79	89686	29.717	ng	96
4) n-Nitrosodimethylamine	3.705	42	53289	38.643	ng	99
6) Aniline	7.248	93	126727	29.797	ng	99
8) 2-Chlorophenol	7.489	128	116202	51.889	ng	97
9) Benzaldehyde	7.060	77	25167m	12.050	ng	
10) Phenol	7.113	94	166795	51.001	ng	98
11) bis(2-Chloroethyl)ether	7.342	93	107838	42.888	ng	94
12) 1,3-Dichlorobenzene	7.812	146	103350	45.348	ng	95
13) 1,4-Dichlorobenzene	7.959	146	105066	45.498	ng	96
14) 1,2-Dichlorobenzene	8.276	146	105353	47.149	ng	97
15) Benzyl Alcohol	8.159	79	118164	46.525	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	198575m	41.111	ng	
17) 2-Methylphenol	8.365	107	111647	46.416	ng	99
18) Hexachloroethane	9.005	117	37414	45.948	ng	96
19) n-Nitroso-di-n-propyla...	8.729	70	95413	41.203	ng	98
20) 3+4-Methylphenols	8.694	107	156361	47.060	ng	99
22) Acetophenone	8.746	105	186434	41.342	ng	# 97
24) Nitrobenzene	9.128	77	135746	41.626	ng	97
25) Isophorone	9.651	82	278237	38.867	ng	98
26) 2-Nitrophenol	9.839	139	55551	53.544	ng	97
27) 2,4-Dimethylphenol	9.898	122	120662	46.975	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	161093	41.787	ng	97
29) 2,4-Dichlorophenol	10.374	162	116005	47.558	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	115084	42.328	ng	97
31) Naphthalene	10.779	128	348857	40.760	ng	98
32) Benzoic acid	10.033	122	92872	49.109	ng	97
33) 4-Chloroaniline	10.885	127	64309	16.216	ng	96
34) Hexachlorobutadiene	11.061	225	69236	41.739	ng	98
35) Caprolactam	11.661	113	45437m	45.905	ng	
36) 4-Chloro-3-methylphenol	12.007	107	147202	46.208	ng	98
37) 2-Methylnaphthalene	12.389	142	247533	39.677	ng	99
38) 1-Methylnaphthalene	12.607	142	233933	39.723	ng	98
40) 1,2,4,5-Tetrachloroben...	12.754	216	136817	42.521	ng	99
41) Hexachlorocyclopentadiene	12.736	237	181158	106.050	ng	99
43) 2,4,6-Trichlorophenol	12.994	196	106617	46.277	ng	99

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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

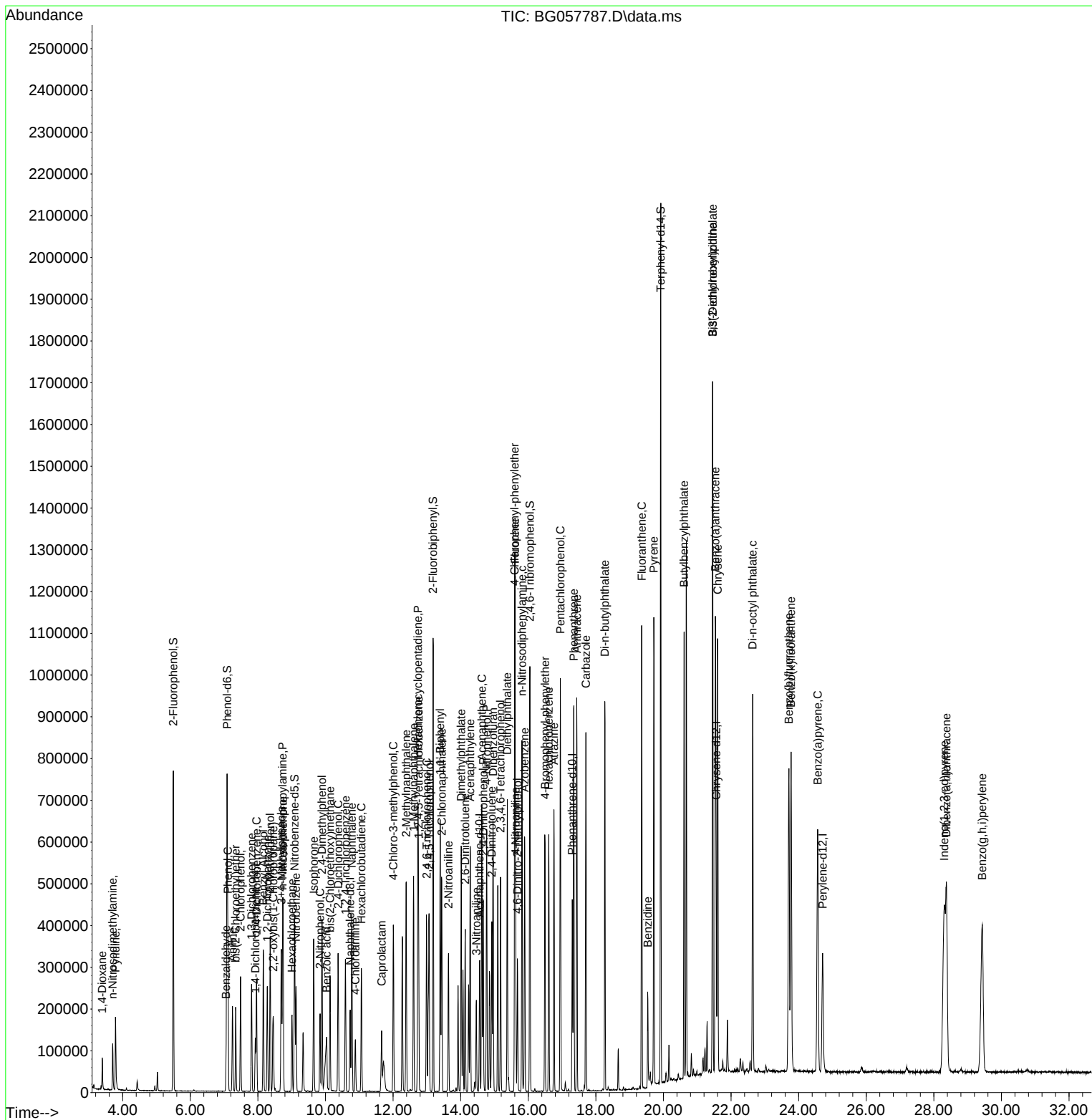
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	118456	44.109	ng	97
46) 1,1'-Biphenyl	13.394	154	336645	42.243	ng	98
47) 2-Chloronaphthalene	13.441	162	261977	42.790	ng	98
48) 2-Nitroaniline	13.641	65	101261	46.542	ng	94
49) Acenaphthylene	14.281	152	437608	41.642	ng	98
50) Dimethylphthalate	14.017	163	372449	41.781	ng	99
51) 2,6-Dinitrotoluene	14.134	165	79361	48.345	ng	93
52) Acenaphthene	14.628	154	308432m	47.410	ng	
53) 3-Nitroaniline	14.463	138	50261	27.169	ng	94
54) 2,4-Dinitrophenol	14.669	184	93400	105.098	ng	96
55) Dibenzofuran	14.957	168	431541	41.254	ng	99
56) 4-Nitrophenol	14.769	139	154255	104.922	ng	96
57) 2,4-Dinitrotoluene	14.922	165	113921	51.175	ng	97
58) Fluorene	15.609	166	343994	41.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	108437	47.380	ng	99
60) Diethylphthalate	15.380	149	391607	42.820	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	183770	41.739	ng	99
62) 4-Nitroaniline	15.627	138	84951	45.044	ng	98
63) Azobenzene	15.891	77	378194	40.427	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	67299	50.027	ng	96
66) n-Nitrosodiphenylamine	15.815	169	315553	41.033	ng	98
67) 4-Bromophenyl-phenylether	16.496	248	126616	40.975	ng	93
68) Hexachlorobenzene	16.608	284	139238	44.201	ng	96
69) Atrazine	16.761	200	119778	45.374	ng	97
70) Pentachlorophenol	16.949	266	193079	82.965	ng	99
71) Phenanthrene	17.348	178	582128	41.263	ng	99
72) Anthracene	17.436	178	593717	41.214	ng	99
73) Carbazole	17.707	167	568151	42.775	ng	100
74) Di-n-butylphthalate	18.265	149	689530	43.843	ng	99
75) Fluoranthene	19.358	202	695921	41.408	ng	100
77) Benzidine	19.534	184	164848	29.012	ng	97
78) Pyrene	19.716	202	714404	41.315	ng	100
80) Butylbenzylphthalate	20.609	149	306592	46.610	ng	95
81) Benzo(a)anthracene	21.537	228	701446	42.177	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	215887	38.166	ng	99
83) Chrysene	21.602	228	650470	40.755	ng	99
84) Bis(2-ethylhexyl)phtha...	21.455	149	428034	44.818	ng	98
85) Di-n-octyl phthalate	22.642	149	777851	46.436	ng	98
87) Indeno(1,2,3-cd)pyrene	28.312	276	863029	44.635	ng	98
88) Benzo(b)fluoranthene	23.711	252	719286	44.385	ng	98
89) Benzo(k)fluoranthene	23.776	252	717951	43.499	ng	99
90) Benzo(a)pyrene	24.563	252	653669	41.071	ng	99
91) Dibenzo(a,h)anthracene	28.371	278	711168	44.330	ng	99
92) Benzo(g,h,i)perylene	29.434	276	707169	44.024	ng	97

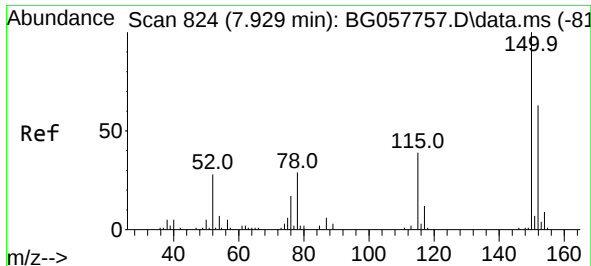
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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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: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

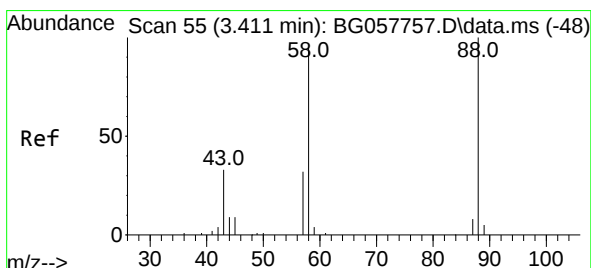
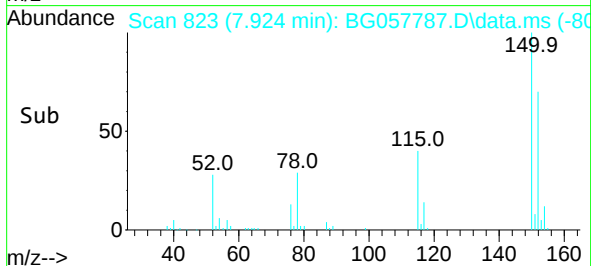
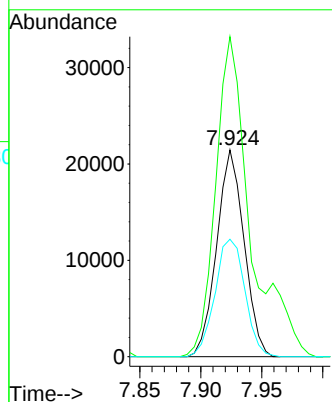
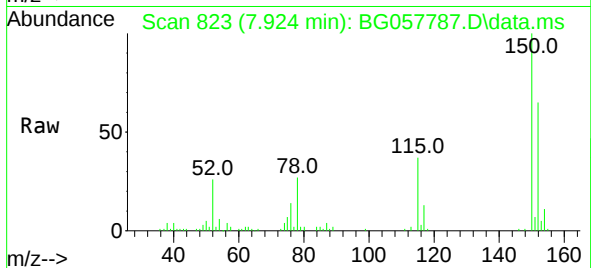
PB153543BS

Tgt Ion:152 Resp: 3356
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 56.8 48.9 73.3

Manual Integrations

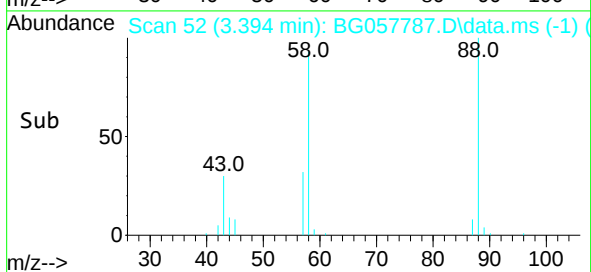
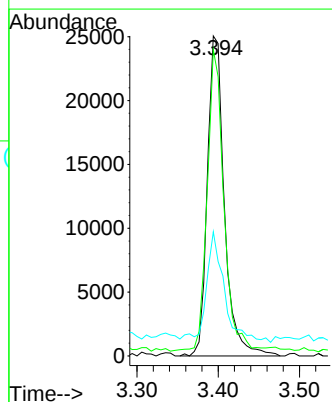
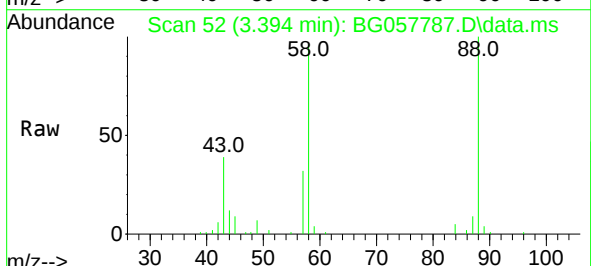
APPROVED

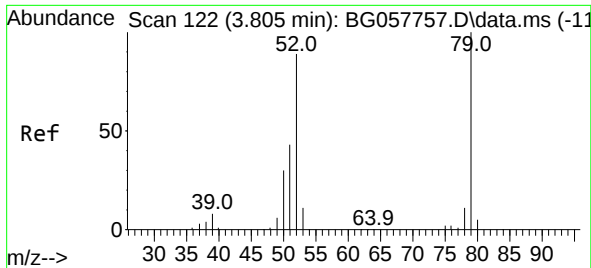
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#2
1,4-Dioxane
Concen: 36.907 ng
RT: 3.394 min Scan# 52
Delta R.T. -0.017 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion: 88 Resp: 36571
Ion Ratio Lower Upper
88 100
58 90.5 76.2 114.4
43 33.0 26.3 39.5





#3
Pyridine
Concen: 29.717 ng
RT: 3.788 min Scan# 119
Delta R.T. -0.017 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

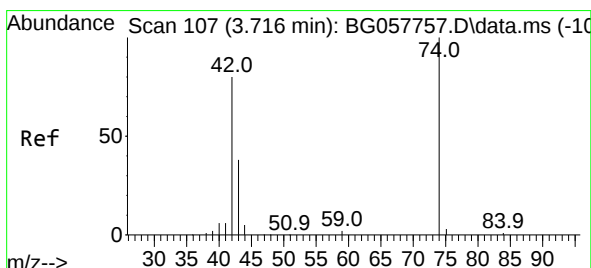
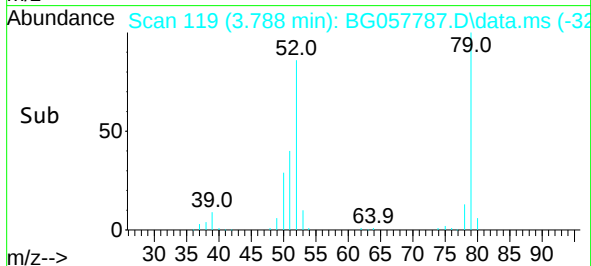
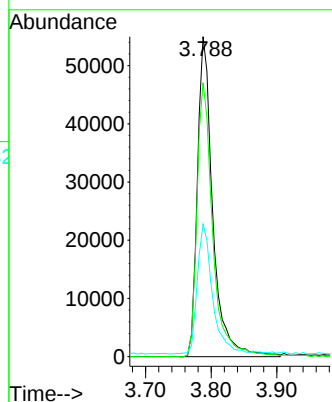
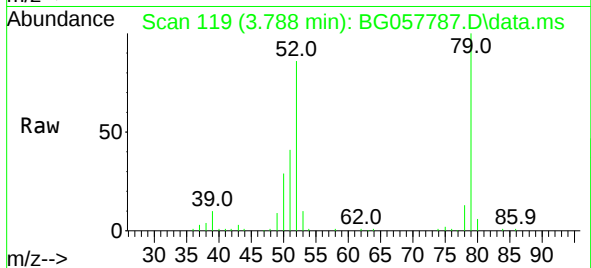
PB153543BS

Tgt Ion: 79 Resp: 89680
Ion Ratio Lower Upper
79 100
52 85.6 71.4 107.0
51 41.4 34.9 52.3

Manual Integrations

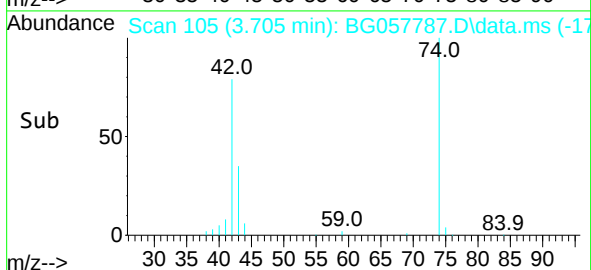
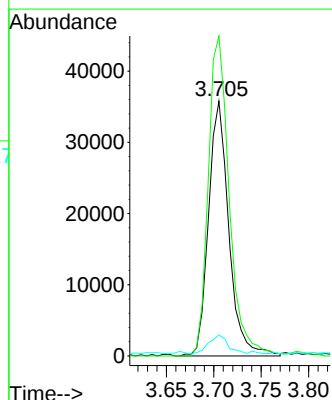
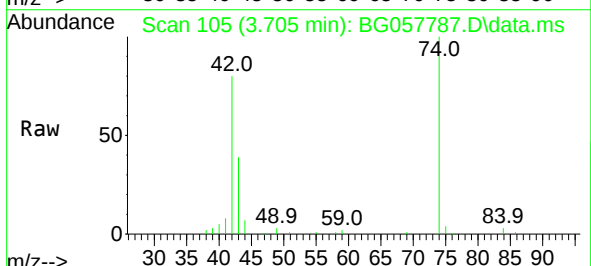
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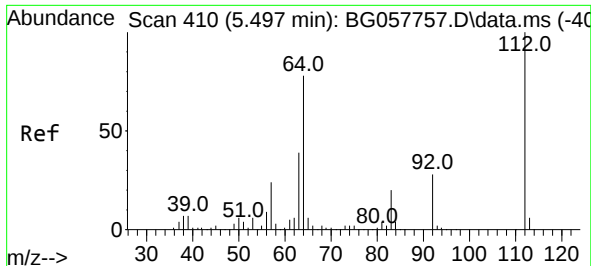
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#4
n-Nitrosodimethylamine
Concen: 38.643 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.011 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion: 42 Resp: 53289
Ion Ratio Lower Upper
42 100
74 125.6 99.9 149.9
44 8.2 6.0 9.0





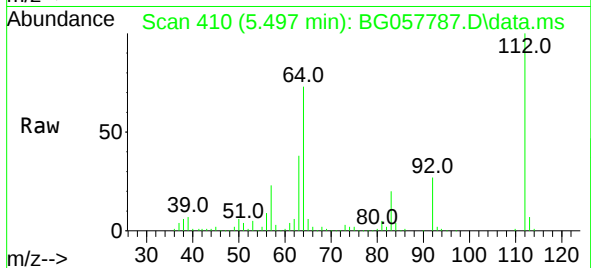
#5
2-Fluorophenol
Concen: 142.743 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

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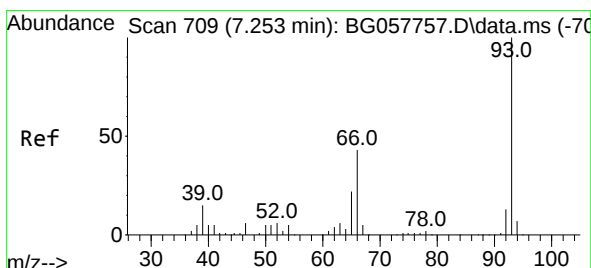
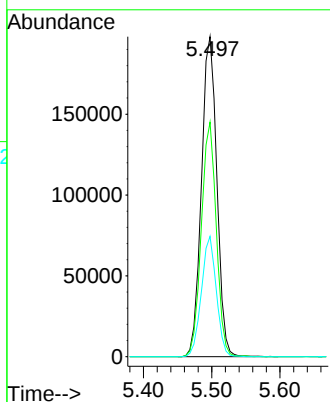
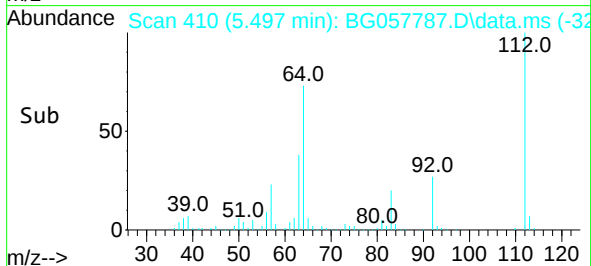


Tgt Ion:112 Resp: 31073
Ion Ratio Lower Upper
112 100
64 73.3 62.1 93.1
63 37.6 31.5 47.3

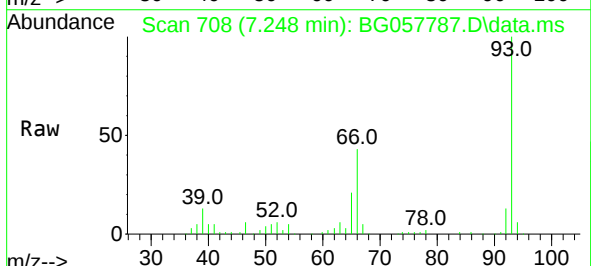
Manual Integrations

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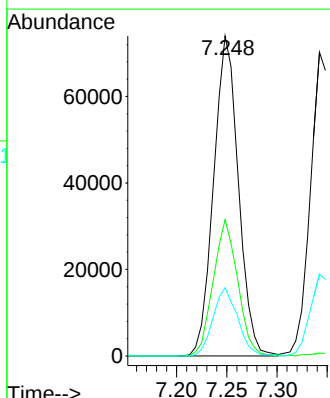
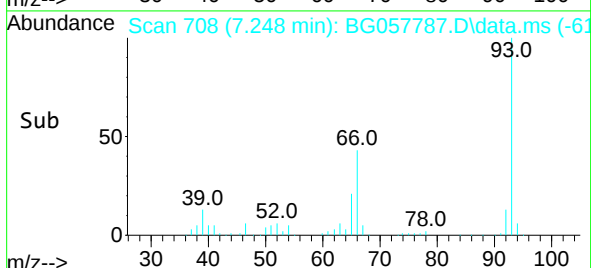
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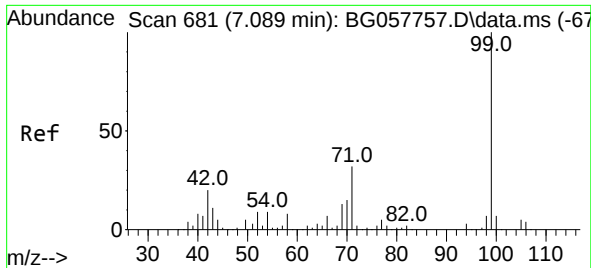


#6
Aniline
Concen: 29.797 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



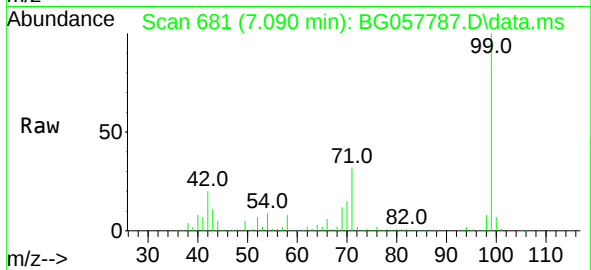
Tgt Ion: 93 Resp: 126727
Ion Ratio Lower Upper
93 100
66 42.6 34.5 51.7
65 21.4 17.4 26.2





#7
Phenol-d6
Concen: 133.724 ng
RT: 7.090 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

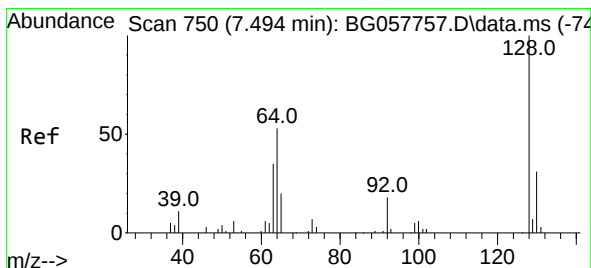
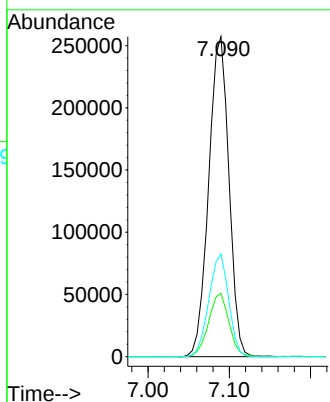
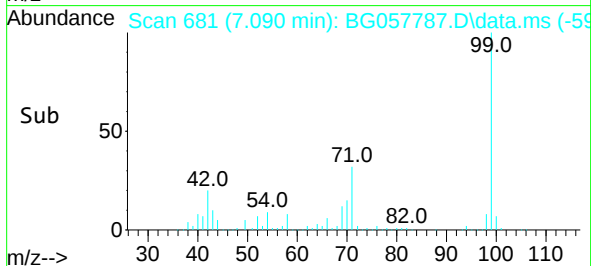
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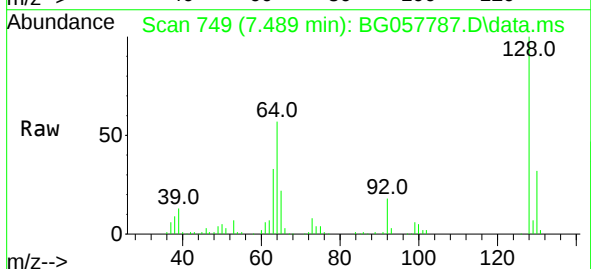
Tgt Ion: 99 Resp: 444170
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 32.2 25.8 38.6

Manual Integrations
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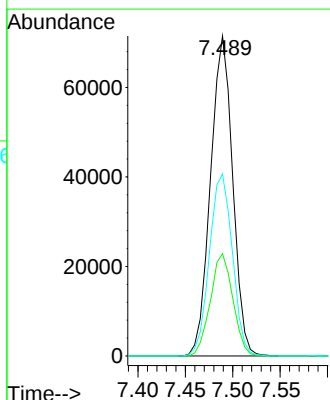
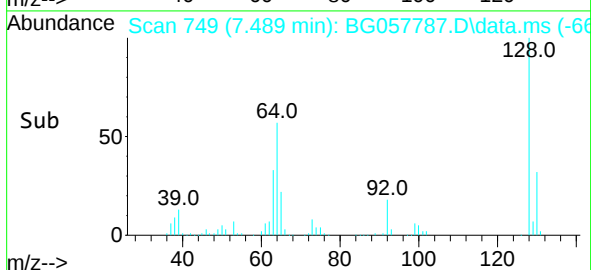
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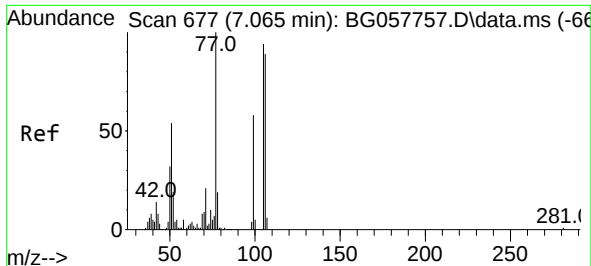


#8
2-Chlorophenol
Concen: 51.889 ng
RT: 7.489 min Scan# 749
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:128 Resp: 116202
Ion Ratio Lower Upper
128 100
130 32.0 10.6 50.6
64 56.9 39.1 79.1





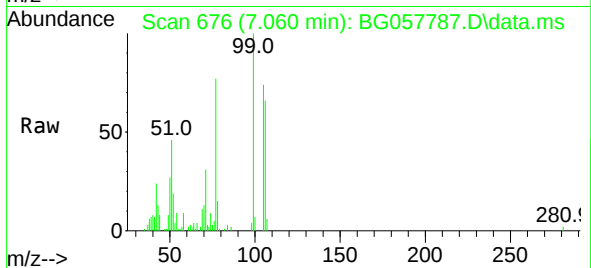
#9
Benzaldehyde
Concen: 12.050 ng m
RT: 7.060 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

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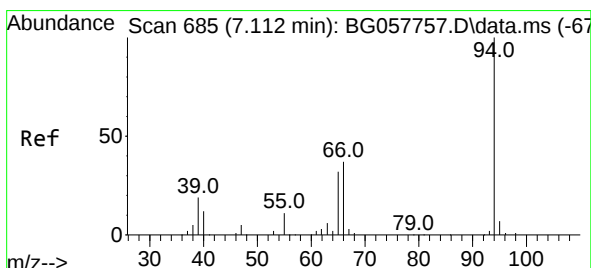
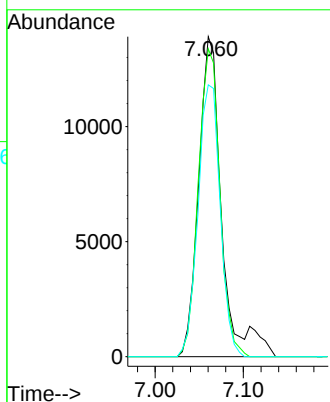
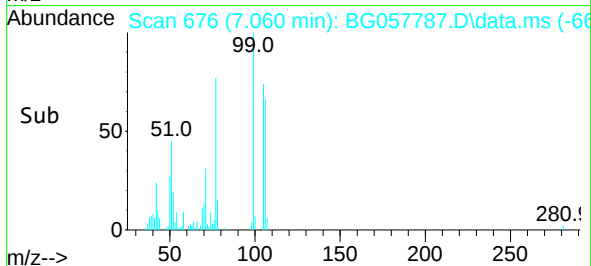
Tgt Ion: 77 Resp: 2516
Ion Ratio Lower Upper
77 100
105 96.2 73.7 113.7
106 85.0 69.0 109.0

Manual Integrations

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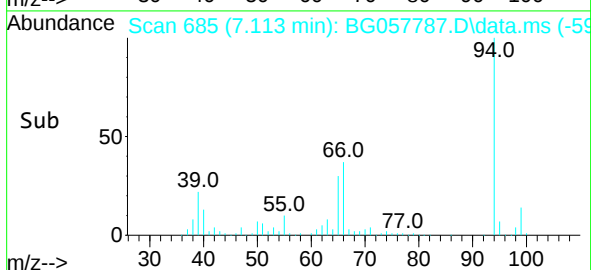
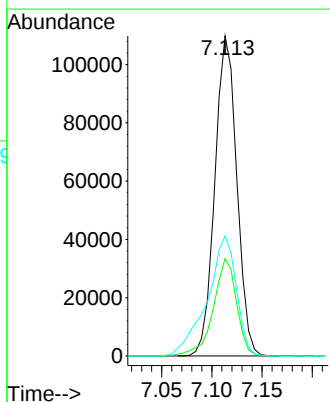
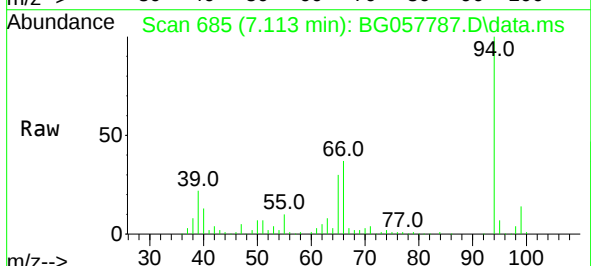
Reviewed By :Yogesh Patel 06/23/2023

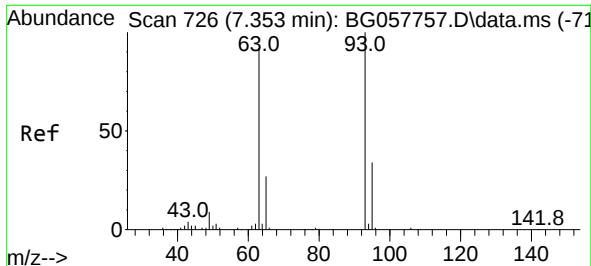
Supervised By :mohammad ahmed 06/27/2023



#10
Phenol
Concen: 51.001 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

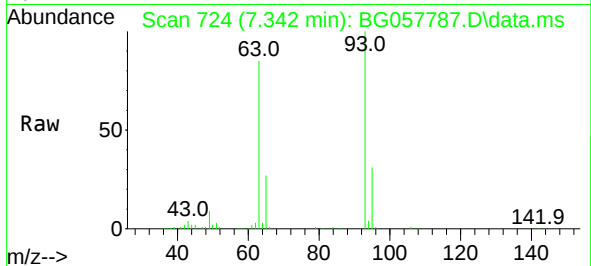
Tgt Ion: 94 Resp: 166795
Ion Ratio Lower Upper
94 100
65 30.4 12.2 52.2
66 37.4 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 42.888 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

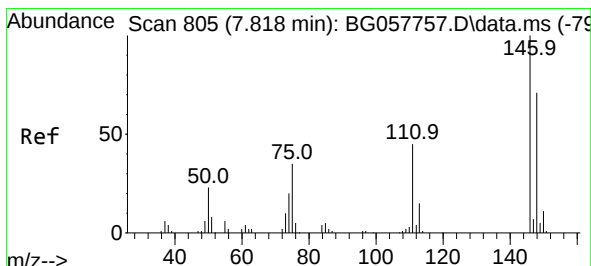
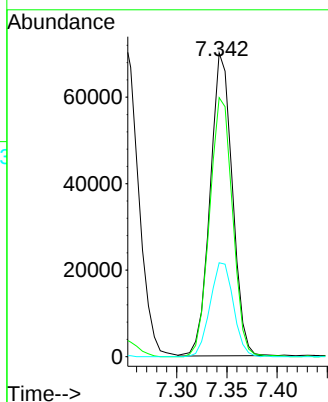
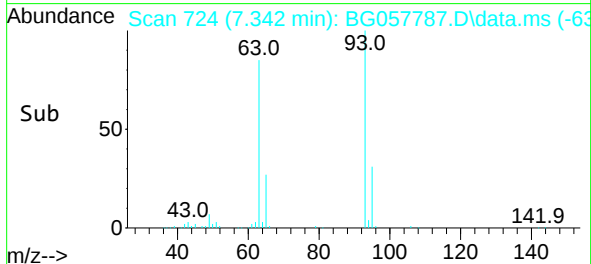
Instrument :
BNA_G
ClientSampleId :
PB153543BS



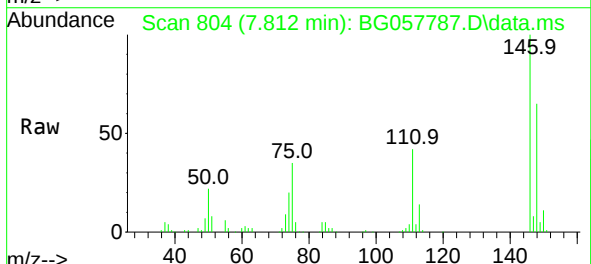
Tgt Ion: 93 Resp: 107838
Ion Ratio Lower Upper
93 100
63 85.3 71.2 111.2
95 30.9 14.2 54.2

Manual Integrations
APPROVED

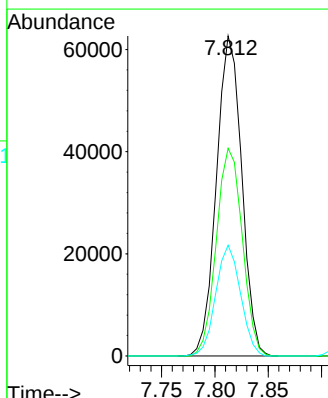
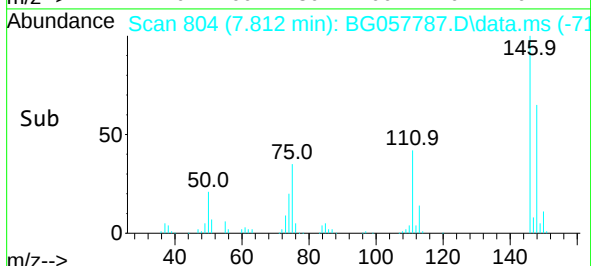
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

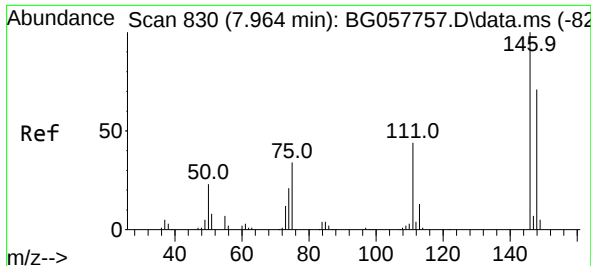


#12
1,3-Dichlorobenzene
Concen: 45.348 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:146 Resp: 103350
Ion Ratio Lower Upper
146 100
148 64.9 57.0 85.6
75 34.6 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 45.498 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

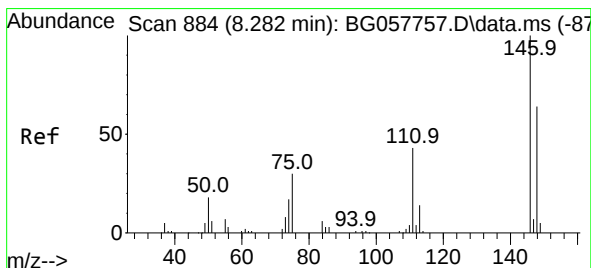
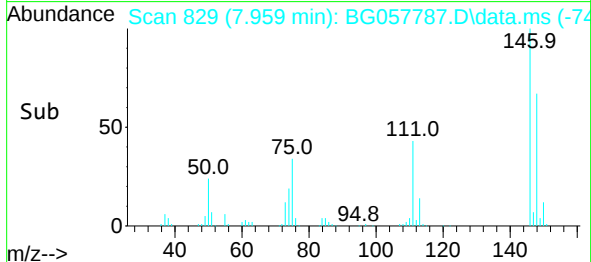
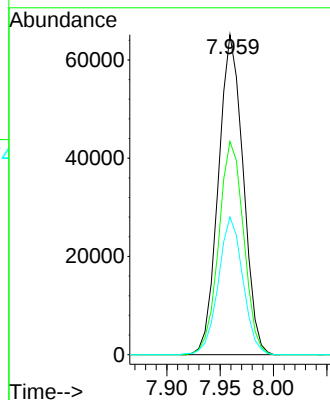
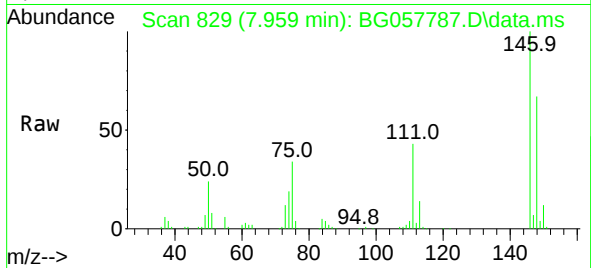
PB153543BS

Tgt Ion:146 Resp: 10506
Ion Ratio Lower Upper
146 100
148 66.6 57.0 85.4
111 43.1 35.1 52.7

Manual Integrations

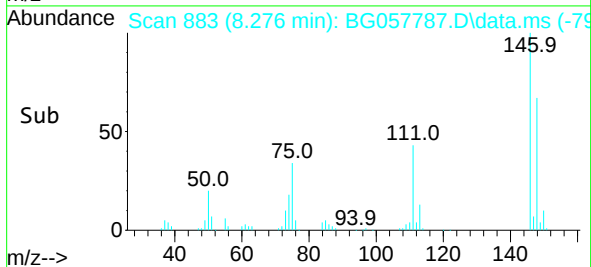
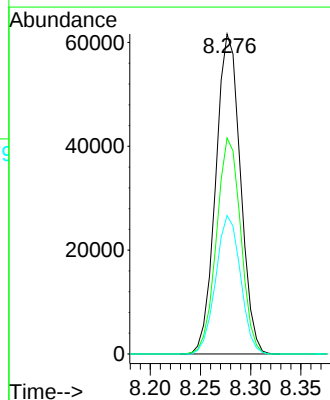
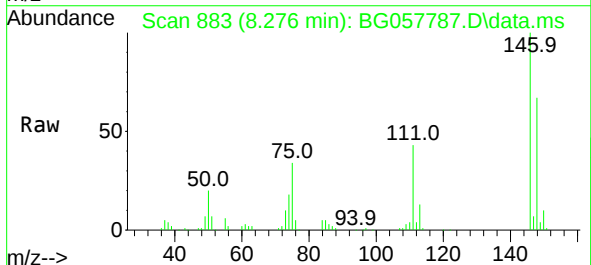
APPROVED

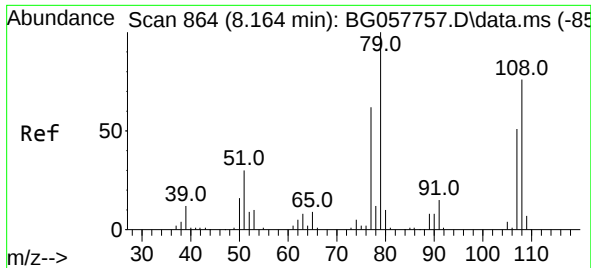
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#14
1,2-Dichlorobenzene
Concen: 47.149 ng
RT: 8.276 min Scan# 883
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:146 Resp: 105353
Ion Ratio Lower Upper
146 100
148 67.5 51.0 76.6
111 43.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 46.525 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

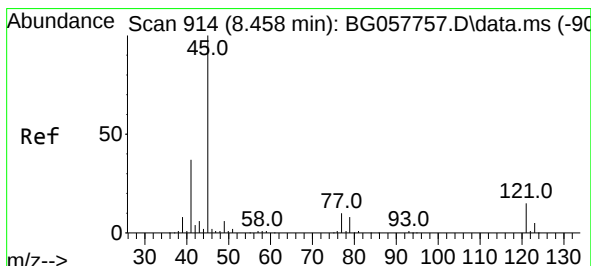
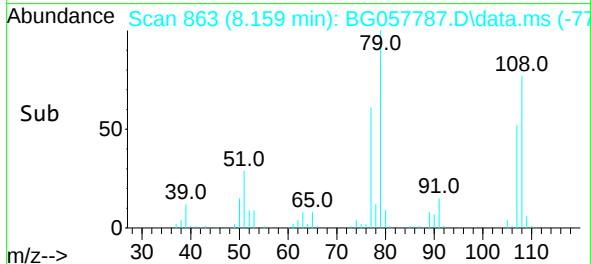
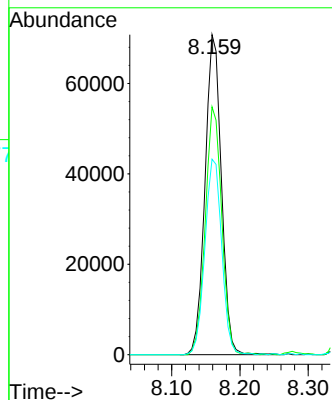
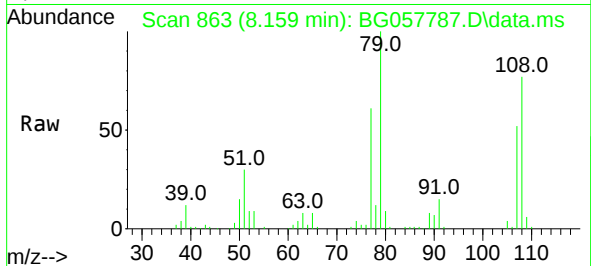
ClientSampleId :

PB153543BS

Tgt Ion: 79 Resp: 118164
Ion Ratio Lower Upper
79 100
108 77.5 60.5 90.7
77 61.1 49.3 73.9

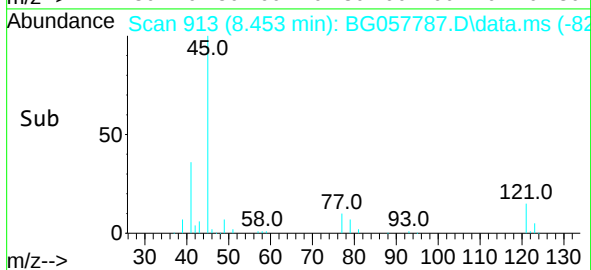
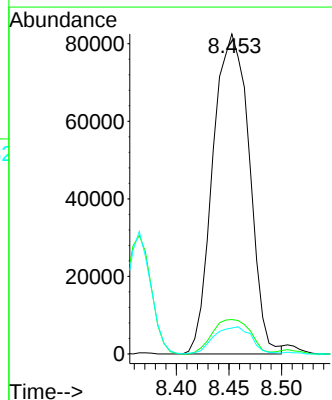
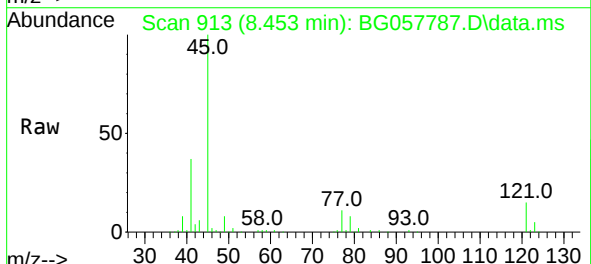
Manual Integrations
APPROVED

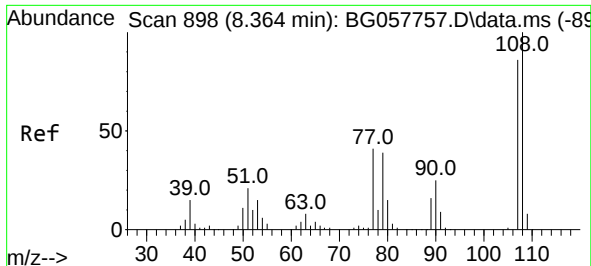
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.111 ng m
RT: 8.453 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion: 45 Resp: 198575
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.6
79 8.1 0.0 28.3





#17

2-Methylphenol

Concen: 46.416 ng

RT: 8.365 min Scan# 89

Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

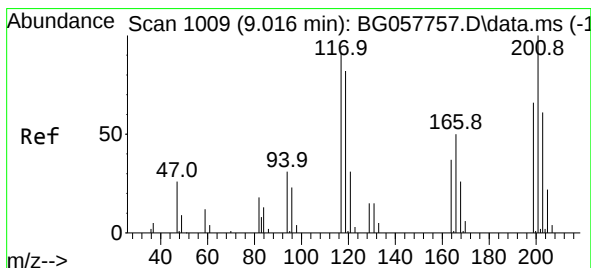
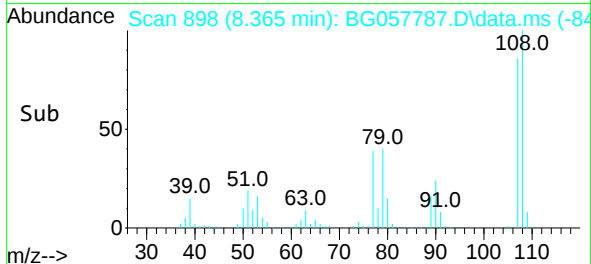
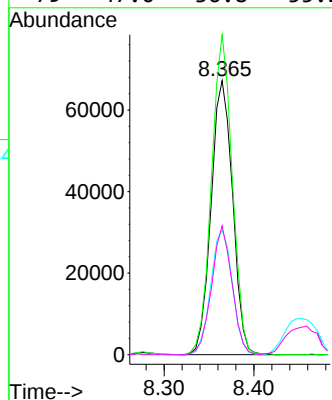
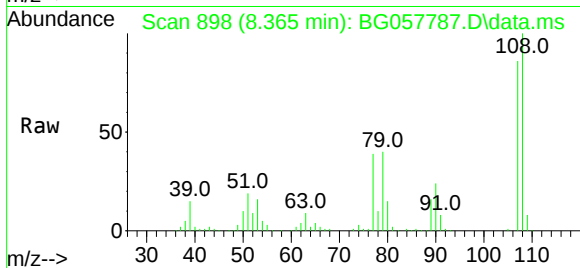
Tgt Ion:	107	Resp:	11164
Ion Ratio	Lower	Upper	
107	100		
108	116.8	93.2	139.8
77	45.4	37.8	56.8
79	47.0	36.8	55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#18

Hexachloroethane

Concen: 45.948 ng

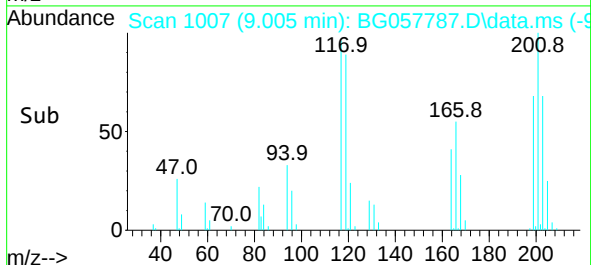
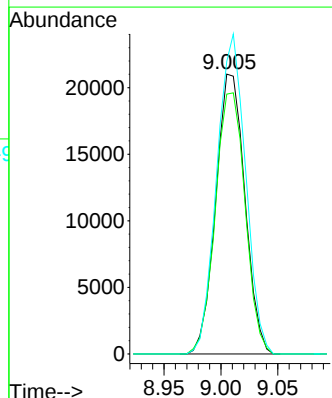
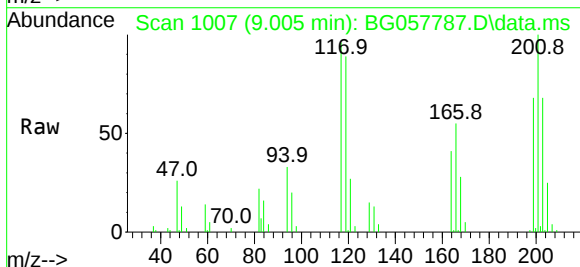
RT: 9.005 min Scan# 1007

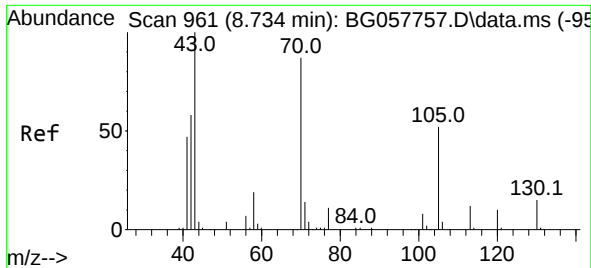
Delta R.T. -0.011 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Tgt Ion:	117	Resp:	37414
Ion Ratio	Lower	Upper	
117	100		
119	92.9	72.3	108.5
201	104.5	87.8	131.8





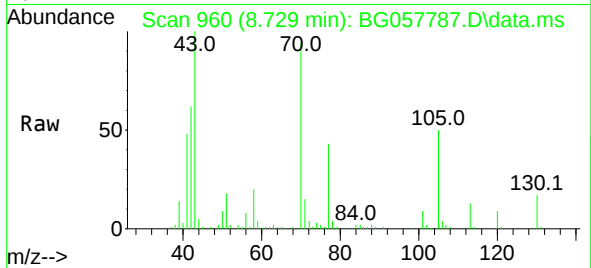
#19
n-Nitroso-di-n-propylamine
Concen: 41.203 ng
RT: 8.729 min Scan# 961
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS



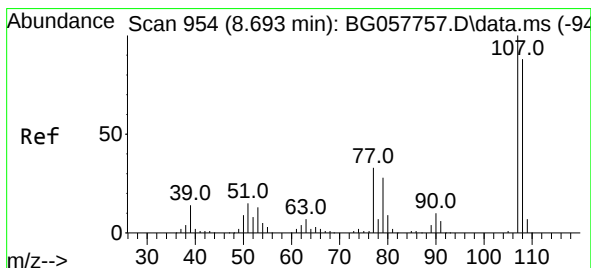
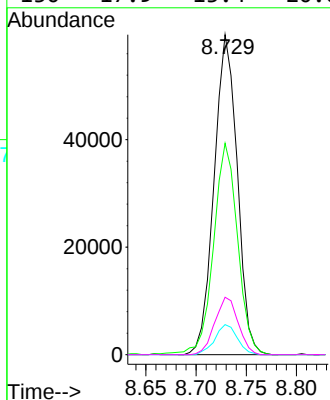
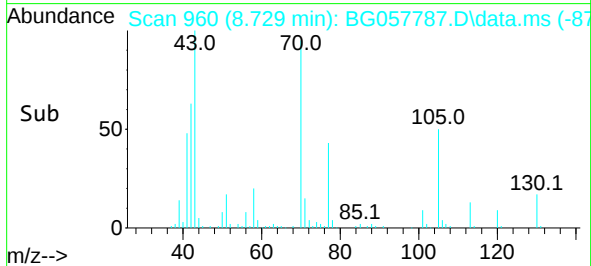
Tgt Ion: 70 Resp: 9541
Ion Ratio Lower Upper
70 100
42 66.0 54.2 81.2
101 9.4 7.4 11.0
130 17.9 13.4 20.0

Manual Integrations

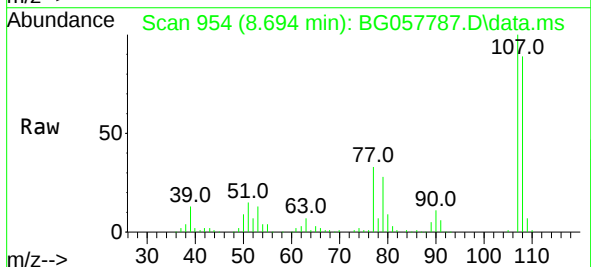
APPROVED

Reviewed By :Yogesh Patel 06/23/2023

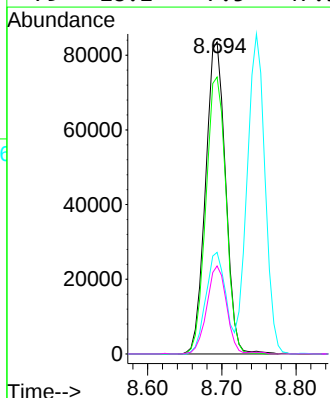
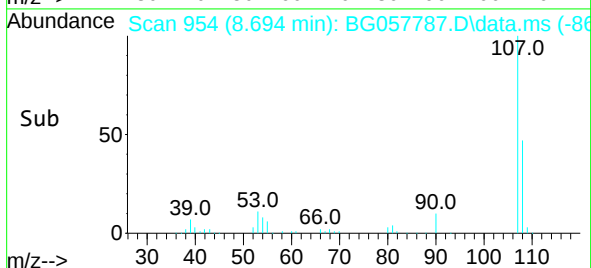
Supervised By :mohammad ahmed 06/27/2023

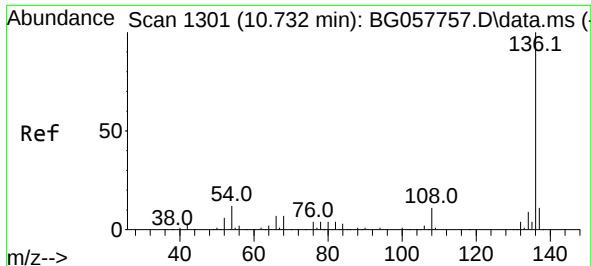


#20
3+4-Methylphenols
Concen: 47.060 ng
RT: 8.694 min Scan# 954
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:107 Resp: 156361
Ion Ratio Lower Upper
107 100
108 88.8 67.7 107.7
77 32.6 13.3 53.3
79 28.2 7.5 47.5





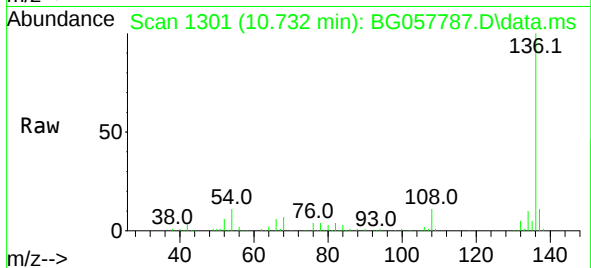
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

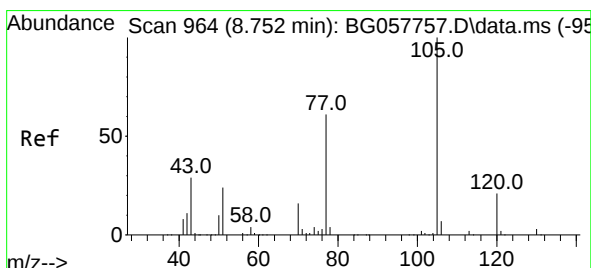
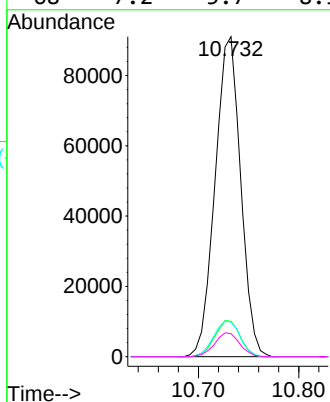
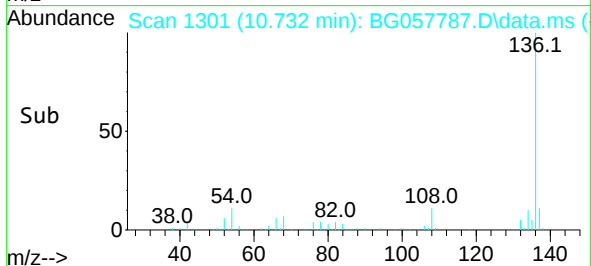


Tgt Ion:136 Resp: 160814
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 9.5 14.3
68 7.2 5.7 8.5

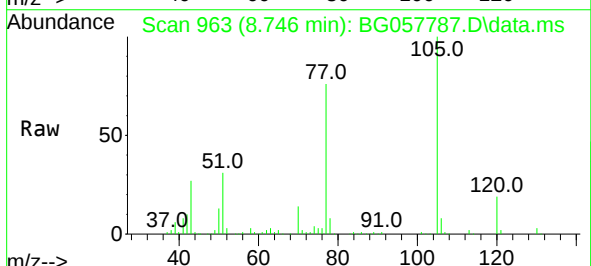
Manual Integrations

APPROVED

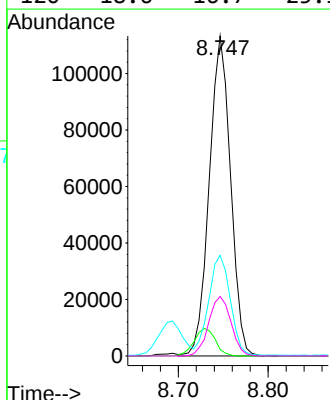
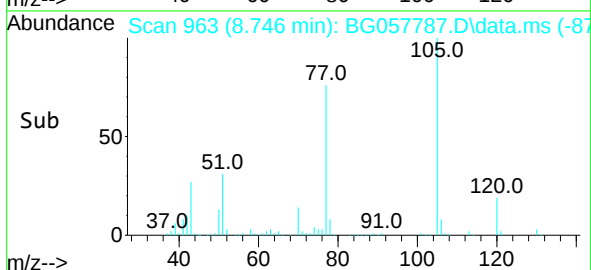
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

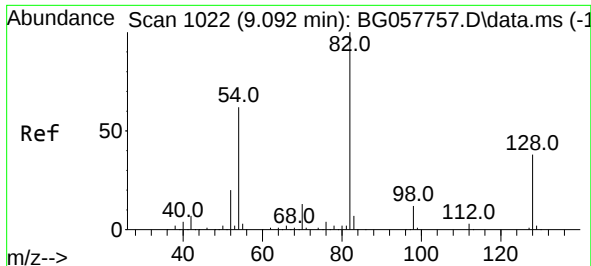


#22
Acetophenone
Concen: 41.342 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:105 Resp: 186434
Ion Ratio Lower Upper
105 100
71 2.0 2.4 3.6#
51 31.5 25.9 38.9
120 18.6 16.7 25.1





#23
Nitrobenzene-d5
Concen: 79.640 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

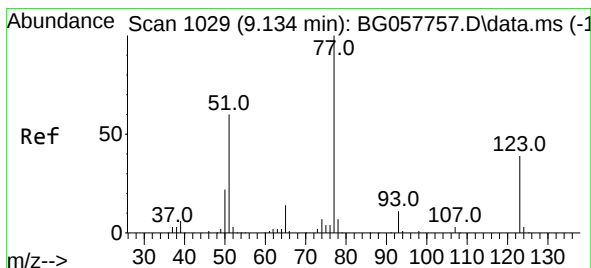
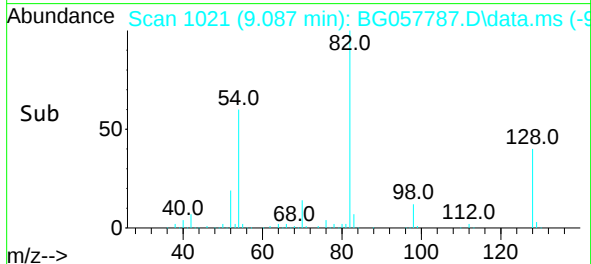
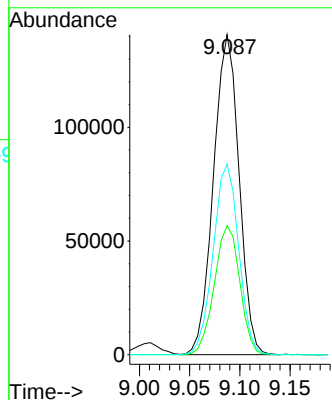
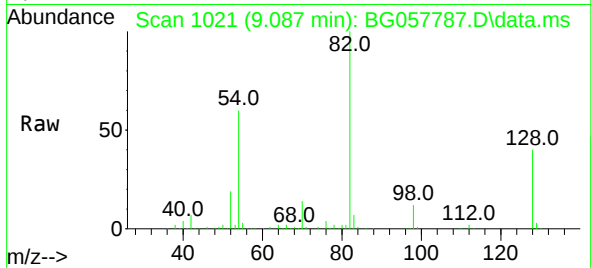
PB153543BS

Tgt Ion: 82 Resp: 249538
Ion Ratio Lower Upper
82 100
128 40.3 30.7 46.1
54 59.5 49.6 74.4

Manual Integrations

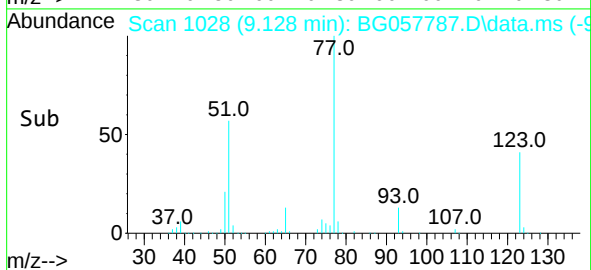
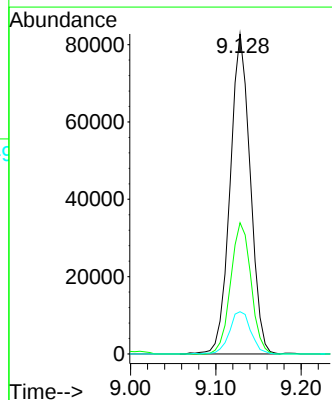
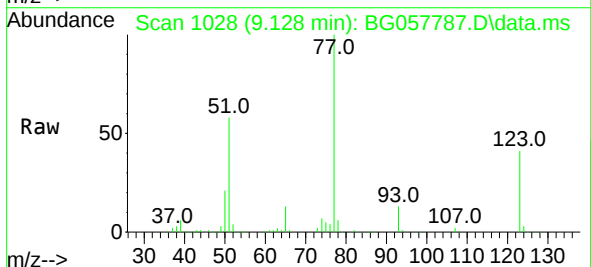
APPROVED

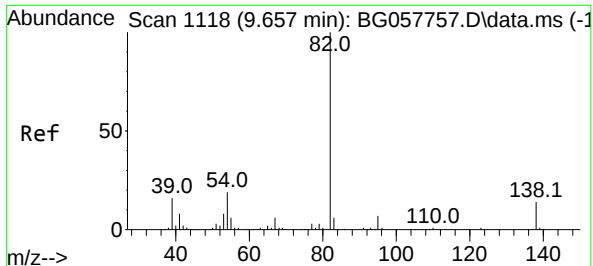
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#24
Nitrobenzene
Concen: 41.626 ng
RT: 9.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion: 77 Resp: 135746
Ion Ratio Lower Upper
77 100
123 41.0 31.4 47.2
65 13.2 11.2 16.8





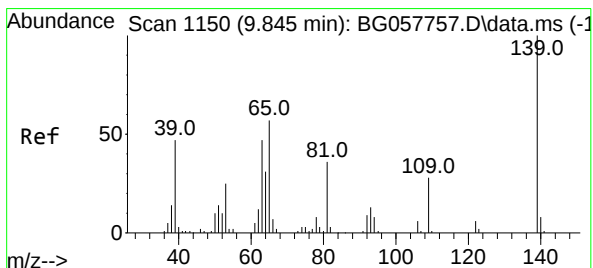
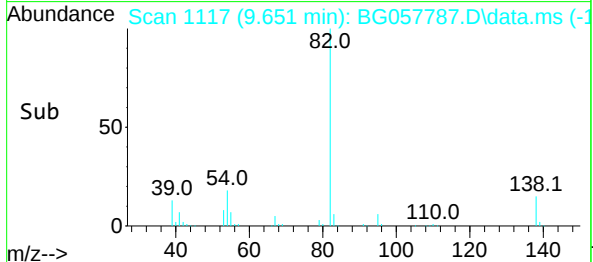
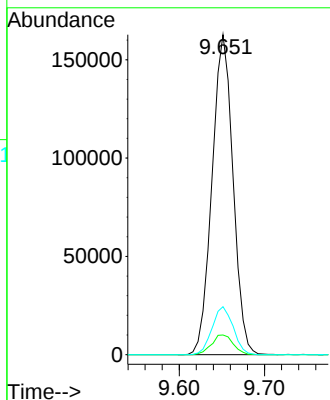
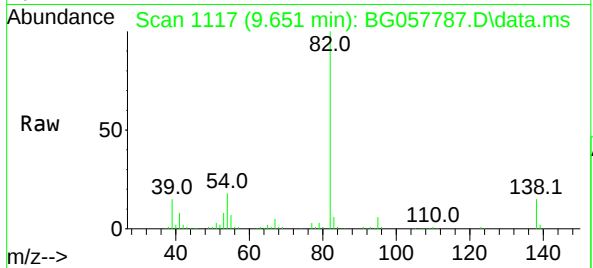
#25
Isophorone
Concen: 38.867 ng
RT: 9.651 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :
BNA_G
ClientSampleId :
PB153543BS

Tgt Ion: 82 Resp: 27823
Ion Ratio Lower Upper
82 100
95 6.2 5.2 7.8
138 15.0 11.1 16.7

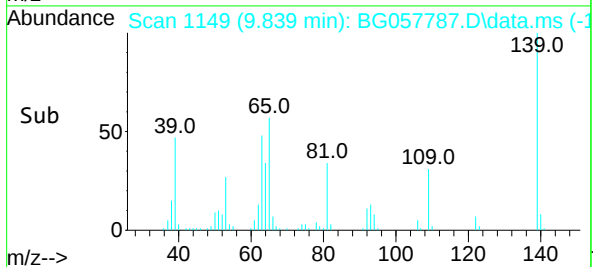
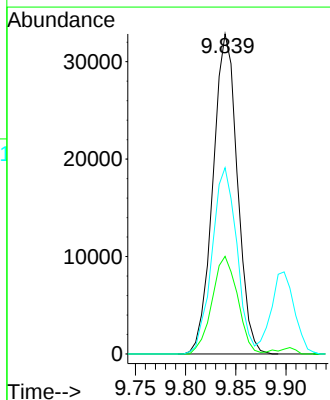
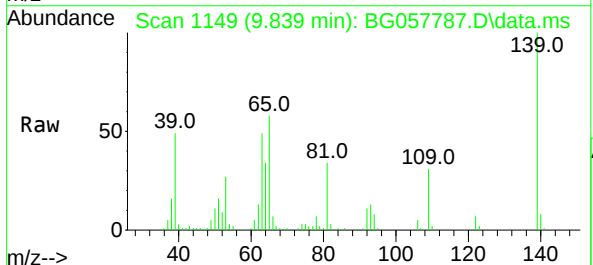
Manual Integrations
APPROVED

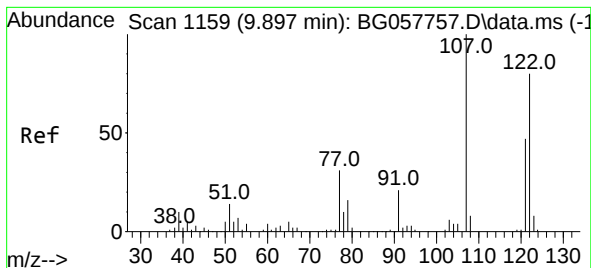
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#26
2-Nitrophenol
Concen: 53.544 ng
RT: 9.839 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:139 Resp: 55551
Ion Ratio Lower Upper
139 100
109 30.5 22.5 33.7
65 58.2 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 46.975 ng

RT: 9.898 min Scan# 1159

Delta R.T. 0.001 min

Lab File: BG057787.D

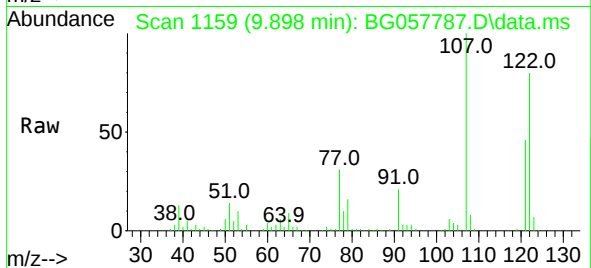
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS



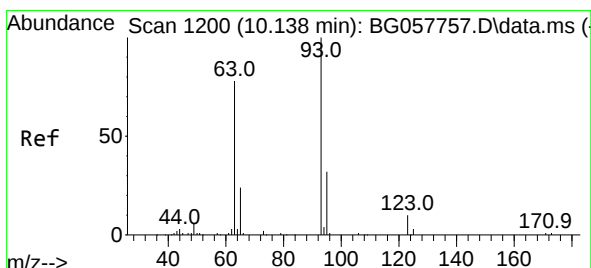
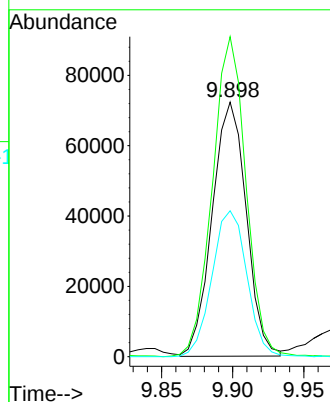
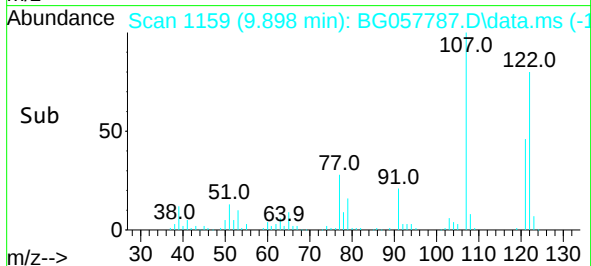
Tgt Ion:	122	Resp:	120662
Ion Ratio	Lower	Upper	
122	100		
107	125.7	98.9	148.3
121	57.3	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.787 ng

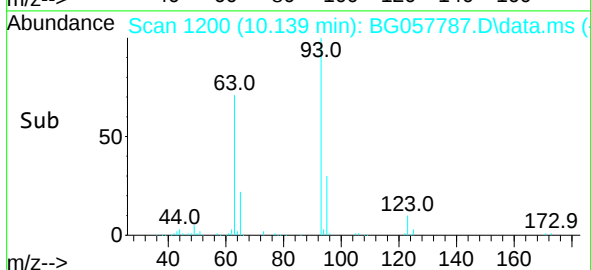
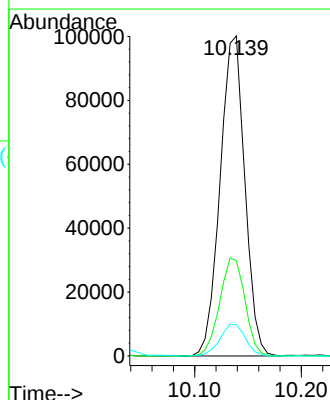
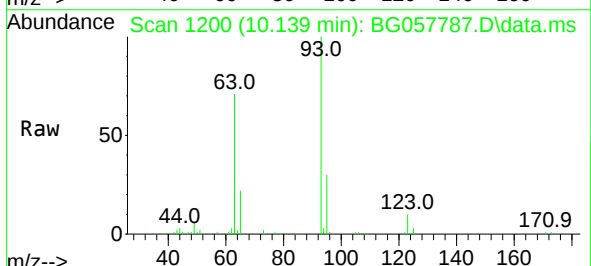
RT: 10.139 min Scan# 1200

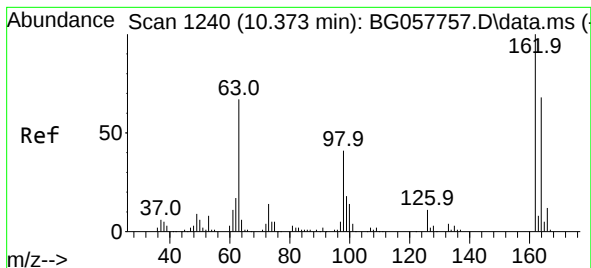
Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Tgt Ion:	93	Resp:	161093
Ion Ratio	Lower	Upper	
93	100		
95	29.8	25.6	38.4
123	9.8	8.2	12.2





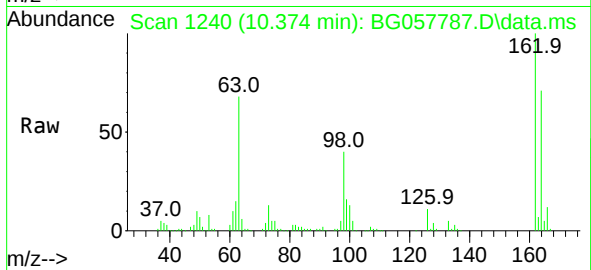
#29
2,4-Dichlorophenol
Concen: 47.558 ng
RT: 10.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

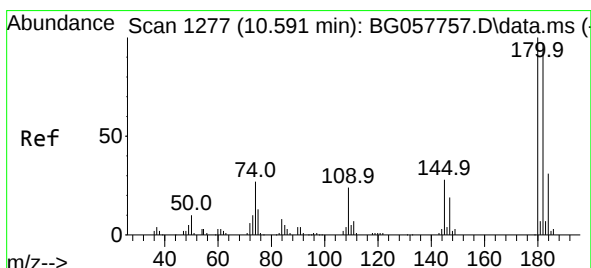
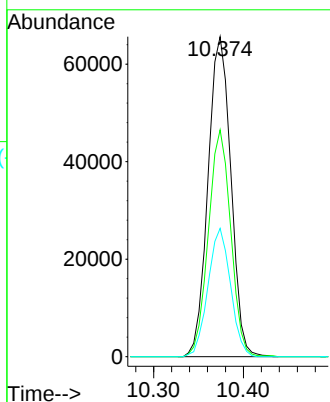
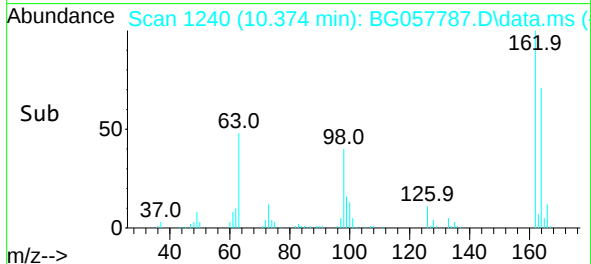


Tgt Ion:162 Resp: 11600
Ion Ratio Lower Upper
162 100
164 70.9 48.2 88.2
98 40.1 20.7 60.7

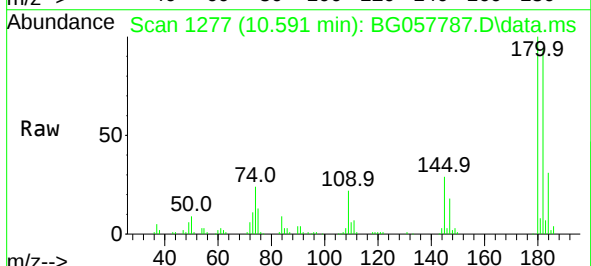
Manual Integrations

APPROVED

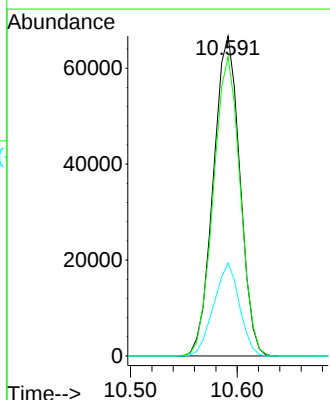
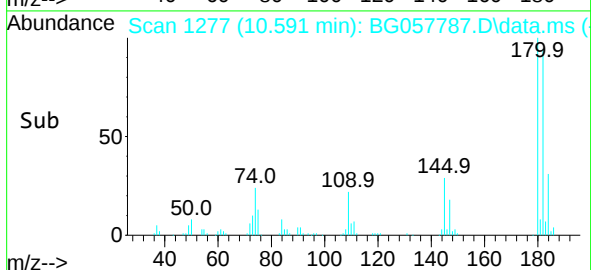
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

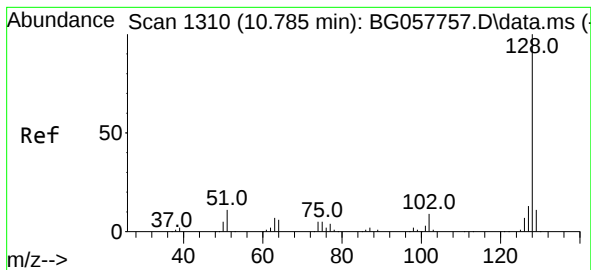


#30
1,2,4-Trichlorobenzene
Concen: 42.328 ng
RT: 10.591 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:180 Resp: 115084
Ion Ratio Lower Upper
180 100
182 93.5 77.5 116.3
145 29.1 22.6 34.0





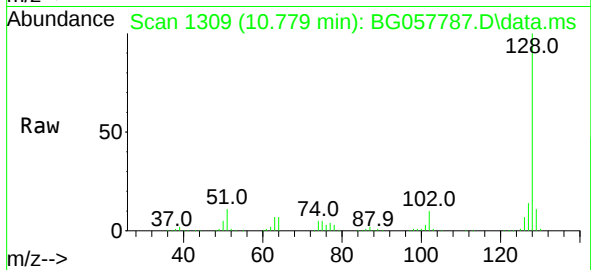
#31
Naphthalene
Concen: 40.760 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

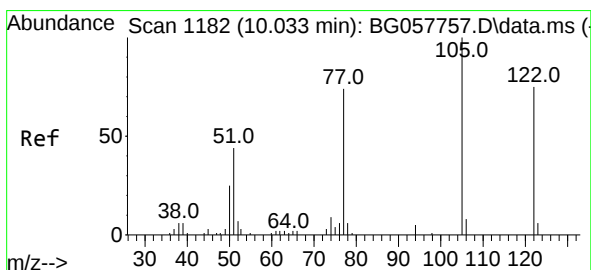
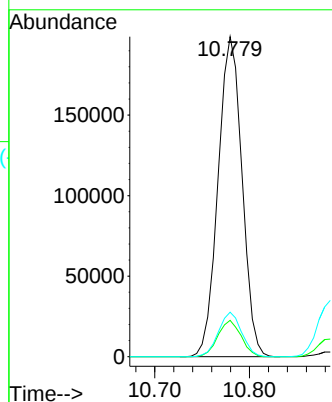


Tgt Ion:128 Resp: 34885
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.9 10.7 16.1

Manual Integrations

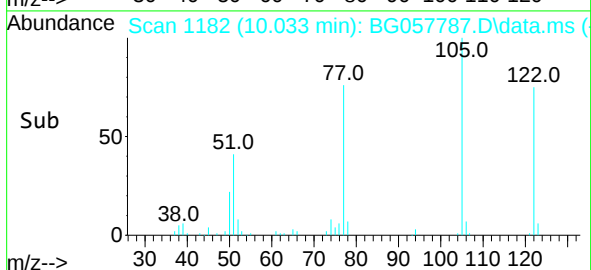
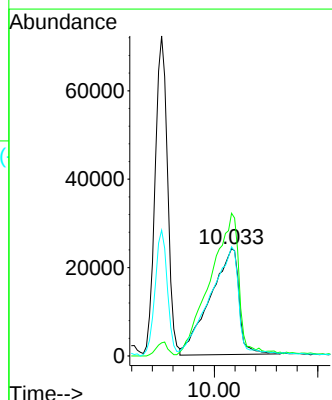
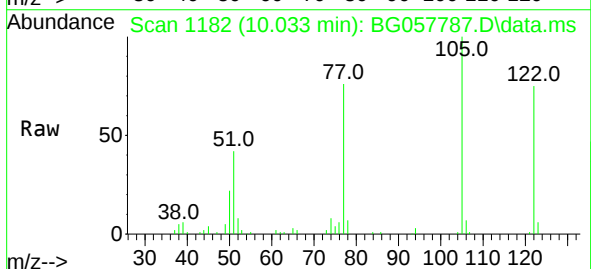
APPROVED

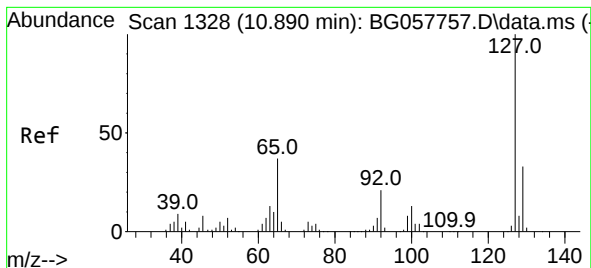
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#32
Benzoic acid
Concen: 49.109 ng
RT: 10.033 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:122 Resp: 92872
Ion Ratio Lower Upper
122 100
105 133.0 110.1 150.1
77 101.6 78.2 118.2





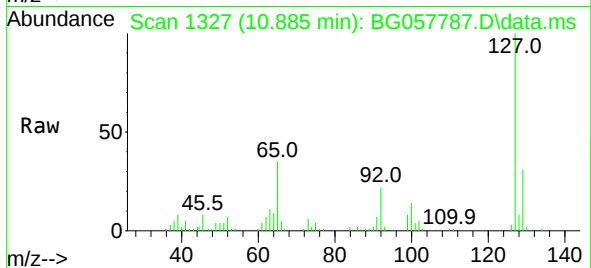
#33
4-Chloroaniline
Concen: 16.216 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

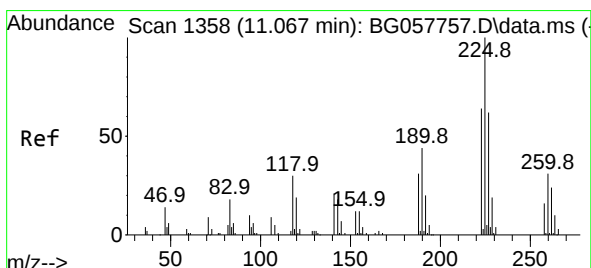
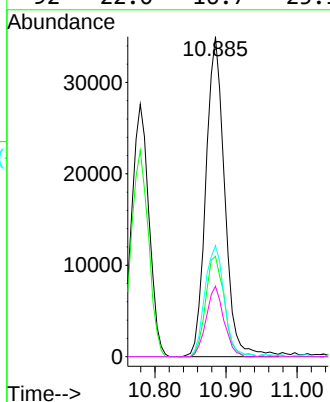
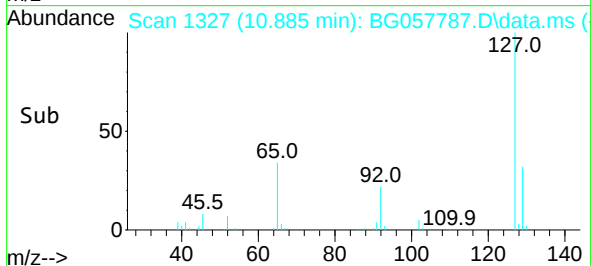


Tgt Ion:127 Resp: 64309
Ion Ratio Lower Upper
127 100
129 31.3 26.6 40.0
65 34.7 29.8 44.8
92 22.0 16.7 25.1

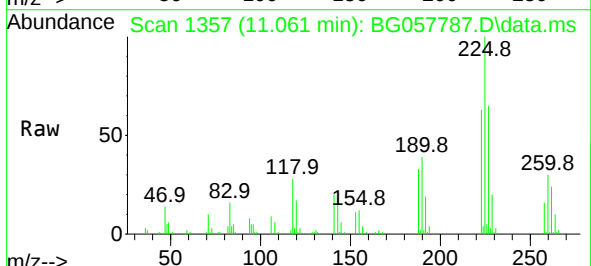
Manual Integrations

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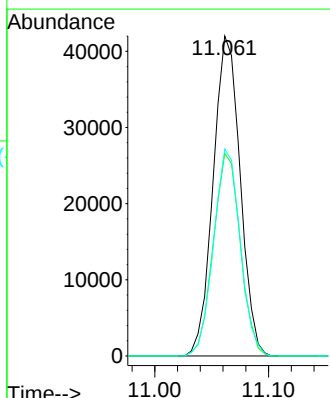
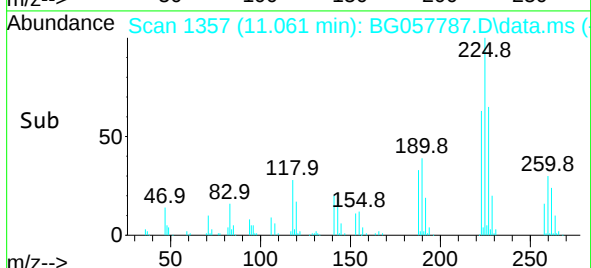
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

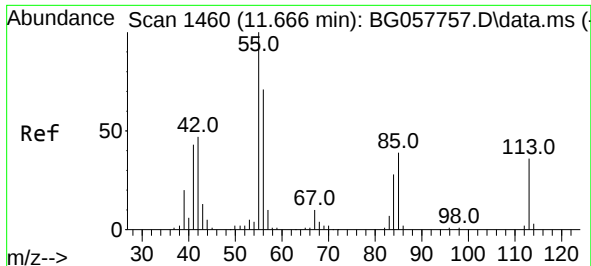


#34
Hexachlorobutadiene
Concen: 41.739 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:225 Resp: 69236
Ion Ratio Lower Upper
225 100
223 63.3 51.4 77.0
227 64.6 49.7 74.5





#35
Caprolactam
Concen: 45.905 ng m
RT: 11.661 min Scan# 14
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

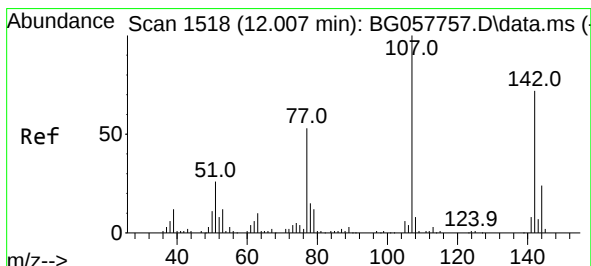
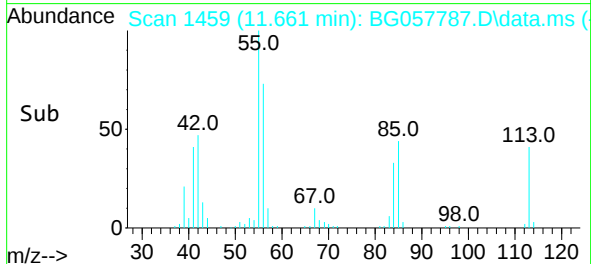
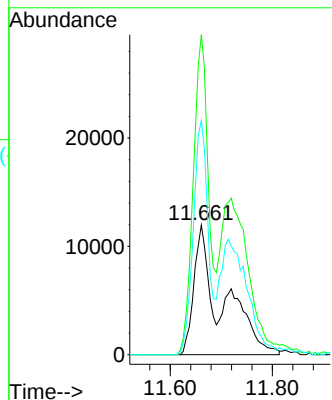
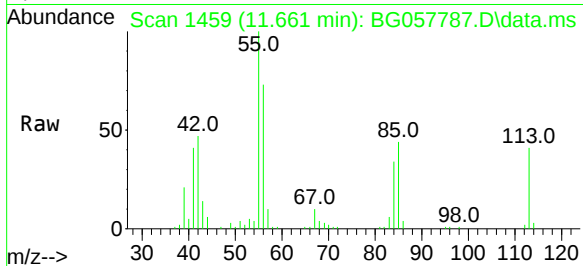
ClientSampleId :

PB153543BS

Tgt Ion:113 Resp: 4543
Ion Ratio Lower Upper
113 100
55 246.8 255.7 295.7
56 180.5 175.2 215.2

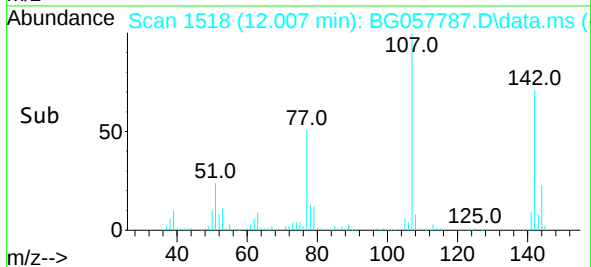
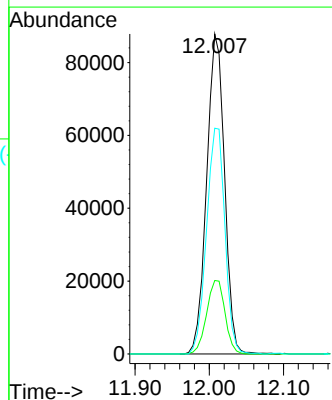
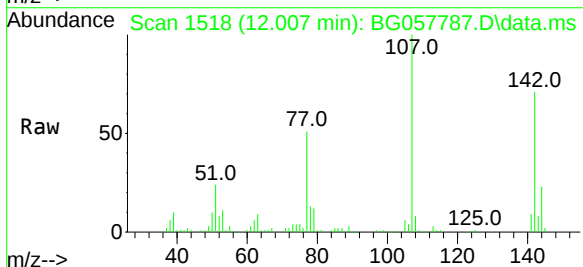
Manual Integrations
APPROVED

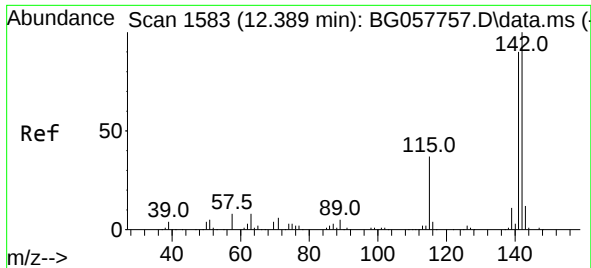
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#36
4-Chloro-3-methylphenol
Concen: 46.208 ng
RT: 12.007 min Scan# 1518
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

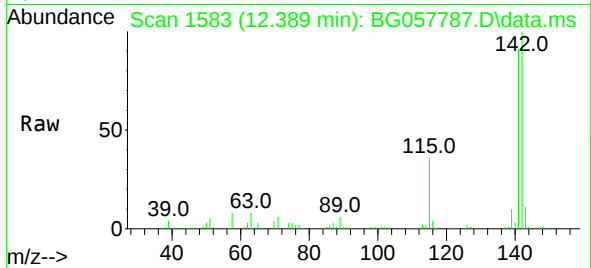
Tgt Ion:107 Resp: 147202
Ion Ratio Lower Upper
107 100
144 22.9 19.5 29.3
142 70.5 57.9 86.9





#37
2-Methylnaphthalene
Concen: 39.677 ng
RT: 12.389 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

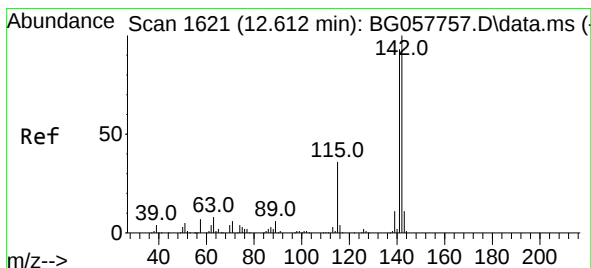
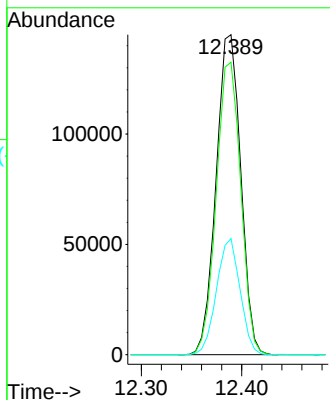
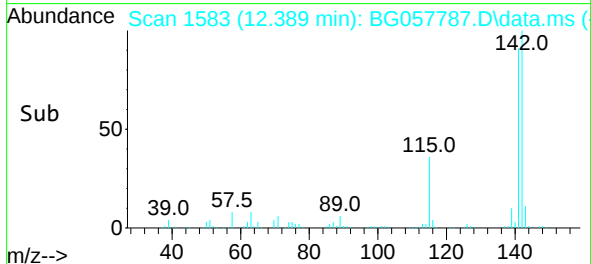
Instrument :
BNA_G
ClientSampleId :
PB153543BS



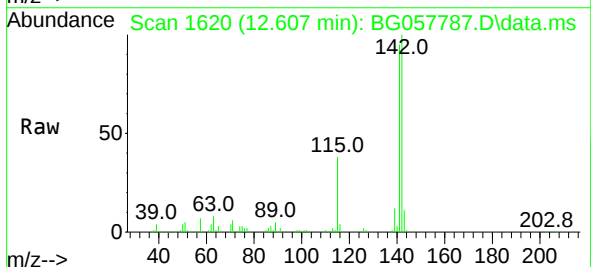
Tgt Ion:142 Resp: 24753
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1
115 36.3 29.7 44.5

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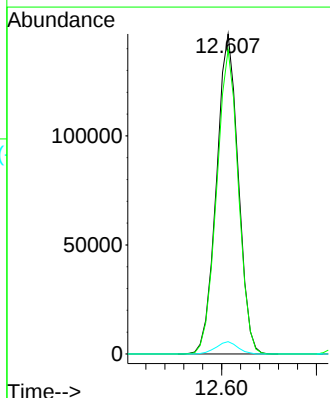
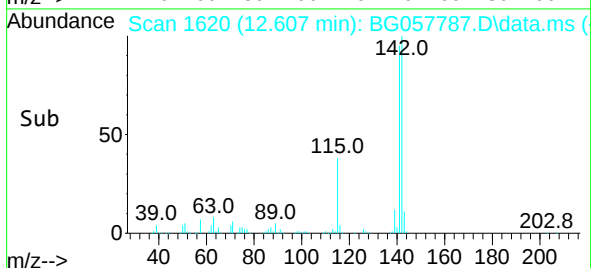
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

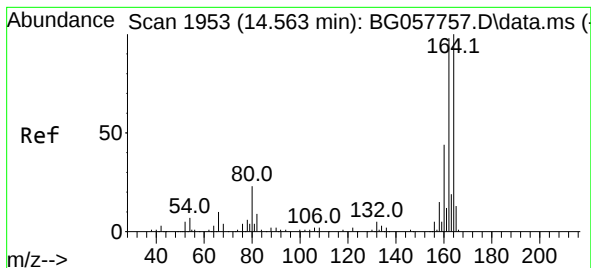


#38
1-Methylnaphthalene
Concen: 39.723 ng
RT: 12.607 min Scan# 1620
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:142 Resp: 233933
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.4
116 3.8 3.1 4.7





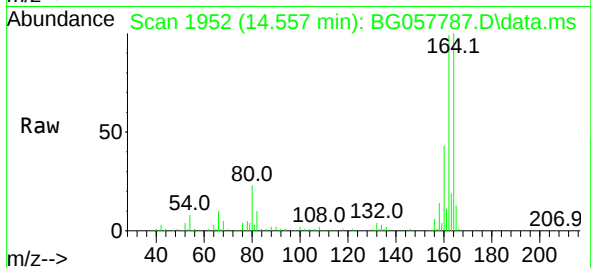
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

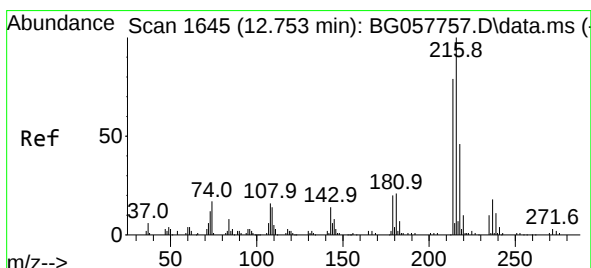
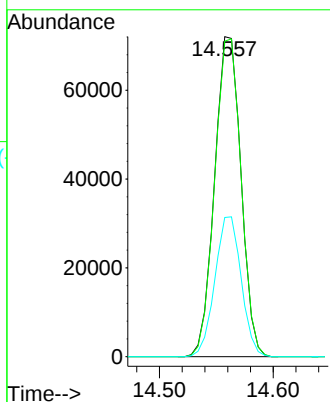
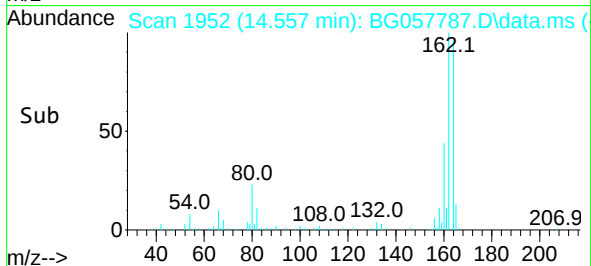


Tgt Ion:164 Resp: 116064
Ion Ratio Lower Upper
164 100
162 98.6 78.3 117.5
160 43.5 35.4 53.0

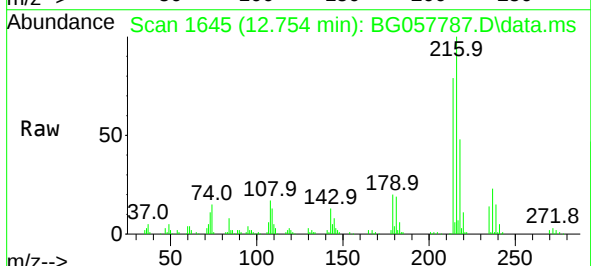
Manual Integrations

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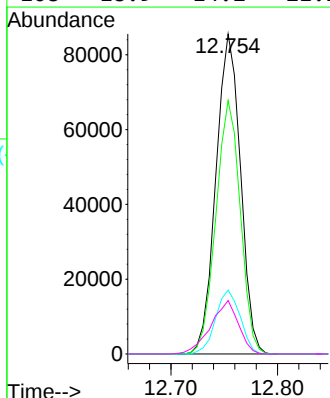
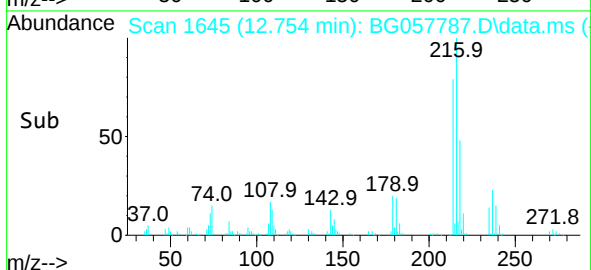
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

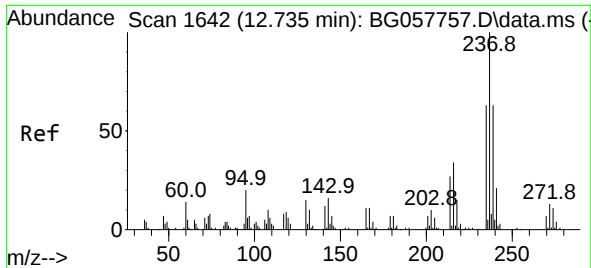


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.521 ng
RT: 12.754 min Scan# 1645
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



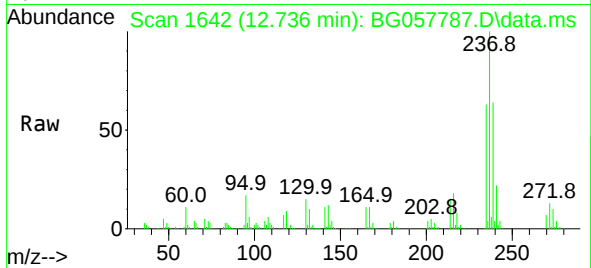
Tgt Ion:216 Resp: 136817
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.0 16.2 24.2
108 18.9 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 106.050 ng
RT: 12.736 min Scan# 10
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

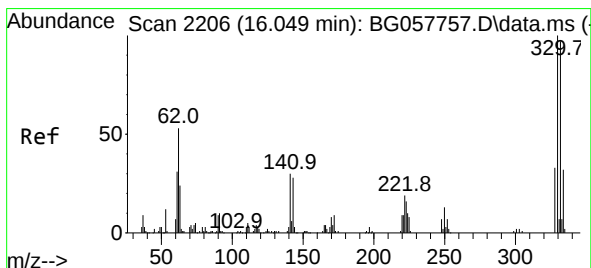
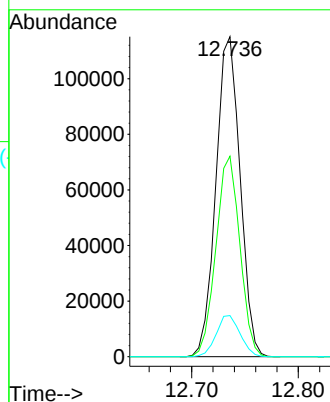
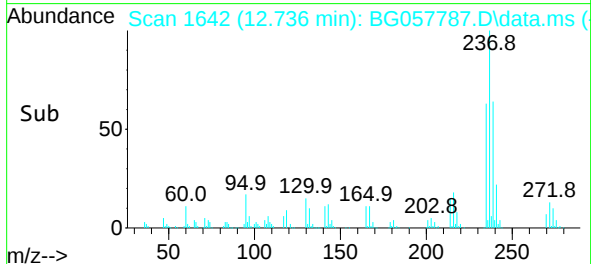
Instrument :
BNA_G
ClientSampleId :
PB153543BS



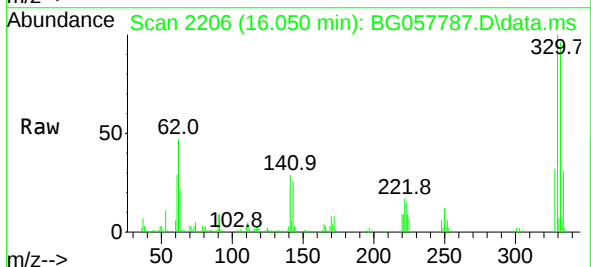
Tgt Ion:237 Resp: 181158
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 12.9 0.0 32.8

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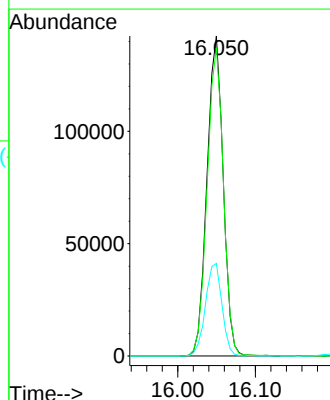
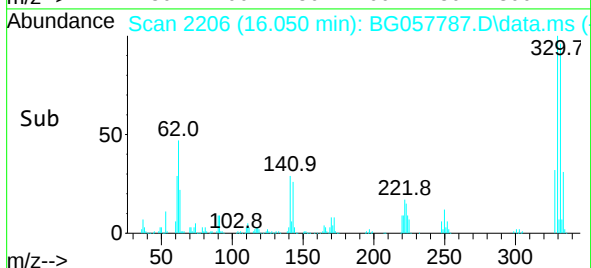
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

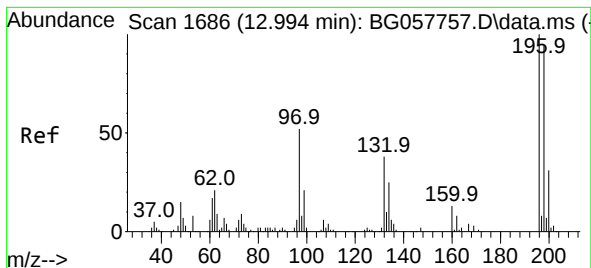


#42
2,4,6-Tribromophenol
Concen: 127.867 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



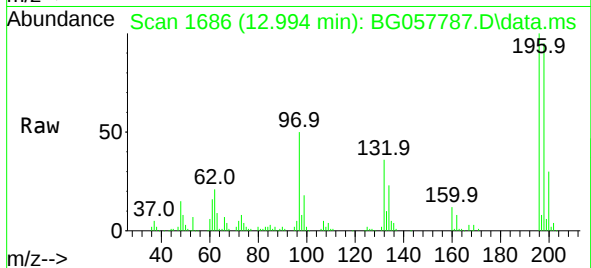
Tgt Ion:330 Resp: 206731
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 29.4 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 46.277 ng
RT: 12.994 min Scan# 1686
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

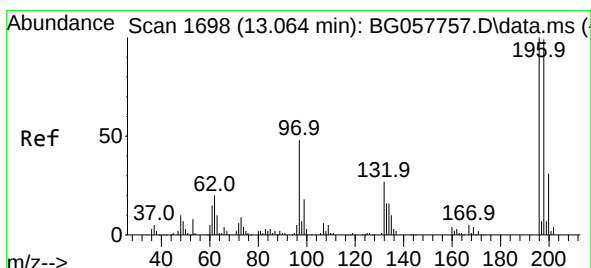
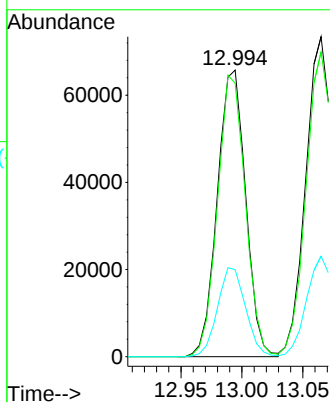
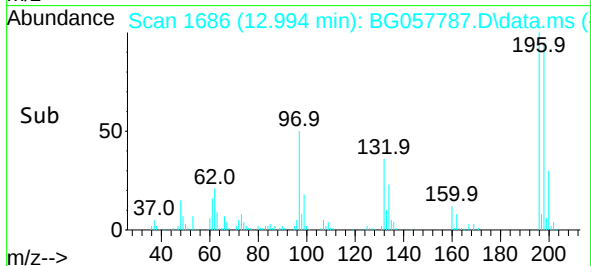
Instrument :
BNA_G
ClientSampleId :
PB153543BS



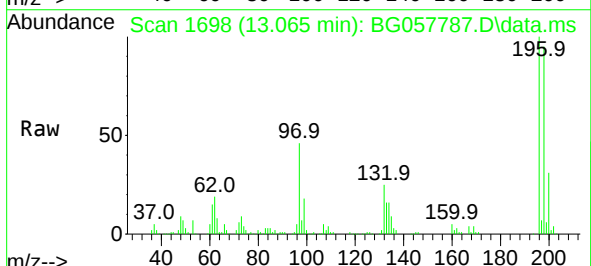
Tgt Ion:196 Resp: 10661
Ion Ratio Lower Upper
196 100
198 95.4 75.5 113.3
200 30.4 24.6 36.8

Manual Integrations
APPROVED

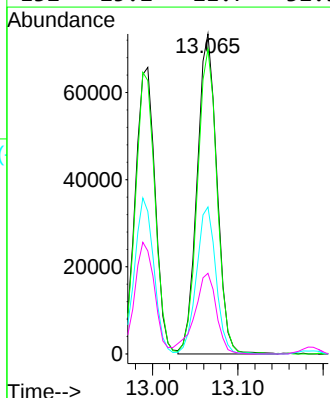
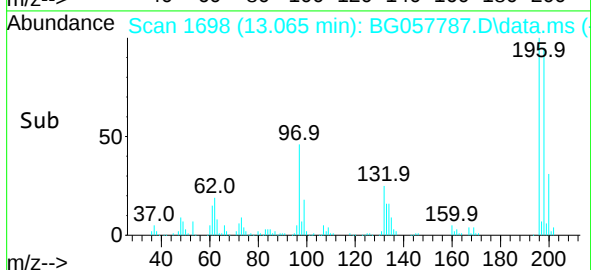
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

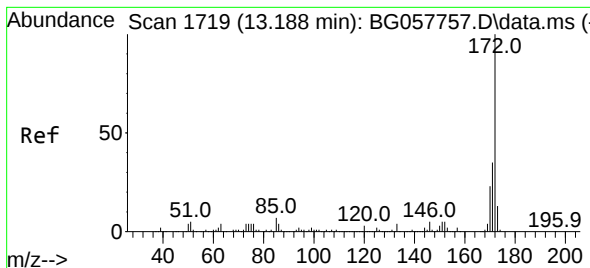


#44
2,4,5-Trichlorophenol
Concen: 44.109 ng
RT: 13.065 min Scan# 1698
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:196 Resp: 118456
Ion Ratio Lower Upper
196 100
198 95.3 78.9 118.3
97 46.0 38.3 57.5
132 25.2 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 77.398 ng

RT: 13.182 min Scan# 1719

Delta R.T. -0.005 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

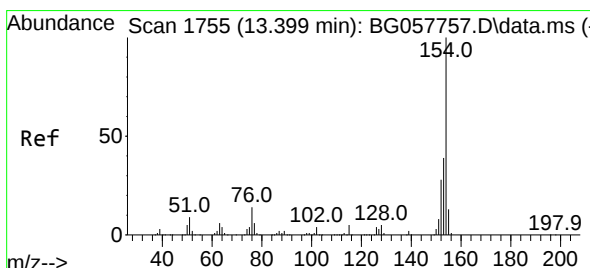
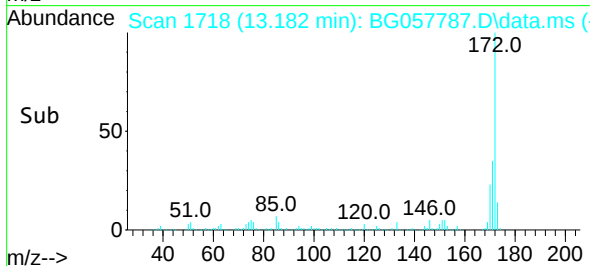
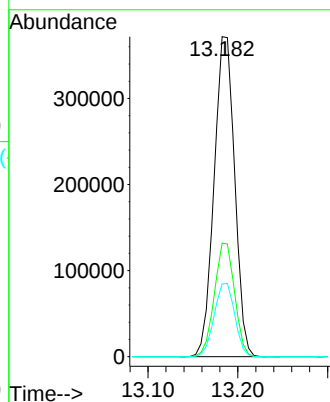
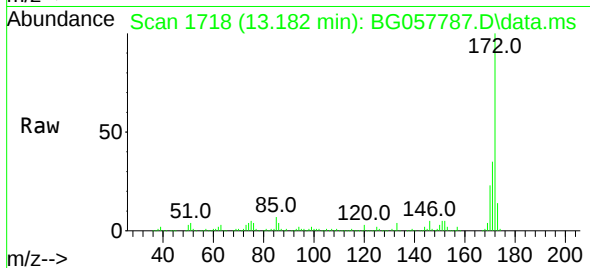
Tgt Ion:172 Resp: 592264
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.1 42.1
 170 22.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#46

1,1'-Biphenyl

Concen: 42.243 ng

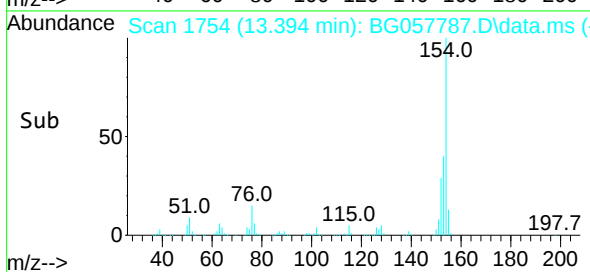
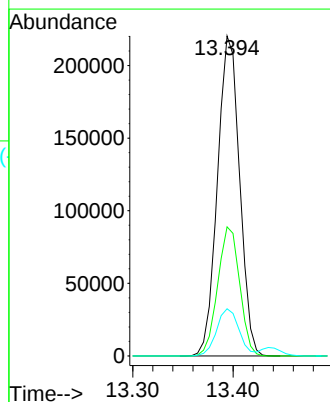
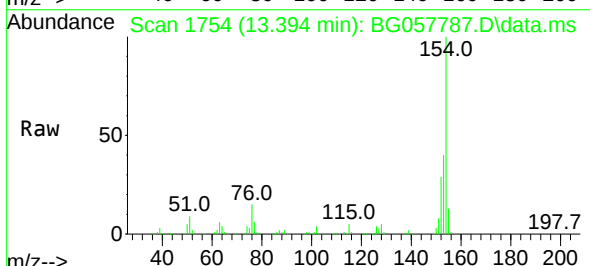
RT: 13.394 min Scan# 1754

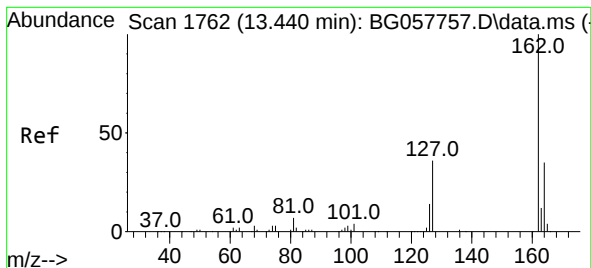
Delta R.T. -0.005 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

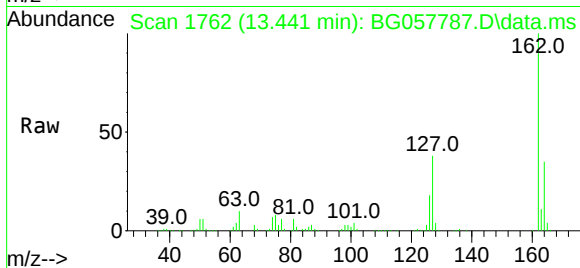
Tgt Ion:154 Resp: 336645
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.1 59.1
 76 14.8 0.0 34.3





#47
2-Chloronaphthalene
Concen: 42.790 ng
RT: 13.441 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

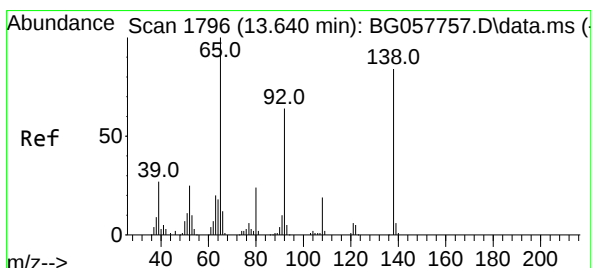
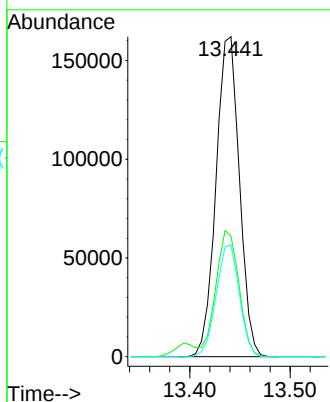
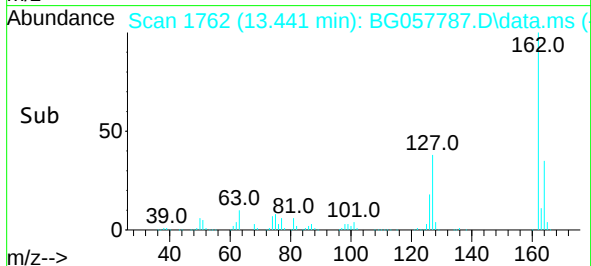
Instrument :
BNA_G
ClientSampleId :
PB153543BS



Tgt Ion:162 Resp: 26197
Ion Ratio Lower Upper
162 100
127 37.7 32.2 48.2
164 34.9 28.0 42.0

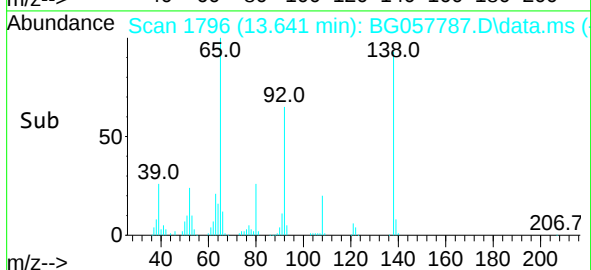
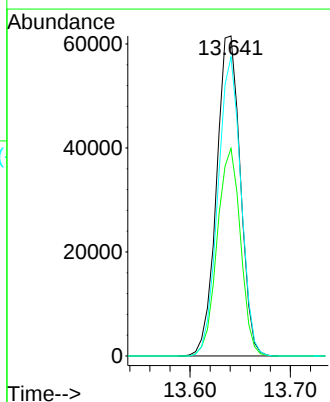
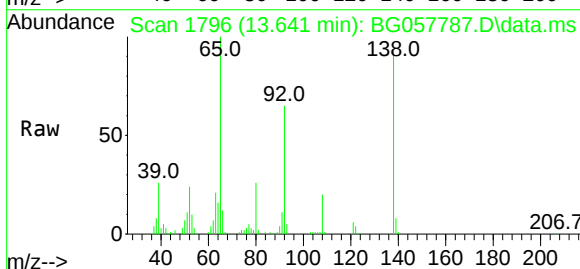
Manual Integrations
APPROVED

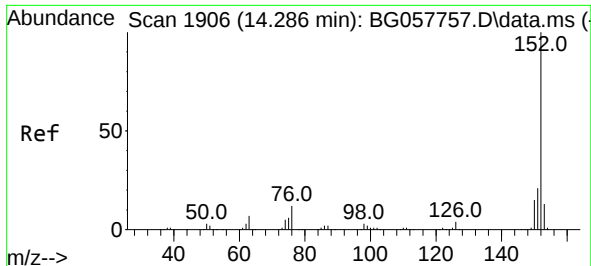
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#48
2-Nitroaniline
Concen: 46.542 ng
RT: 13.641 min Scan# 1796
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

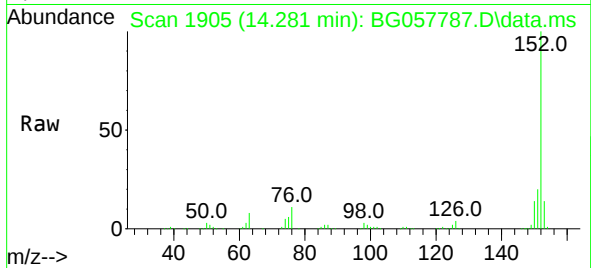
Tgt Ion: 65 Resp: 101261
Ion Ratio Lower Upper
65 100
92 64.8 51.2 76.8
138 93.5 67.2 100.8





#49
Acenaphthylene
Concen: 41.642 ng
RT: 14.281 min Scan# 1906
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

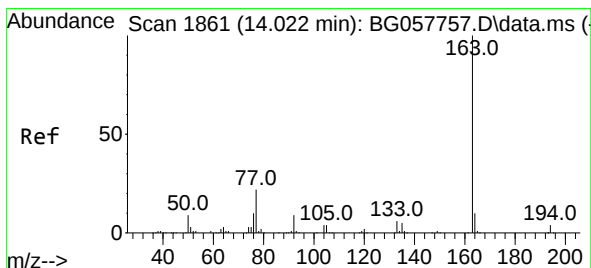
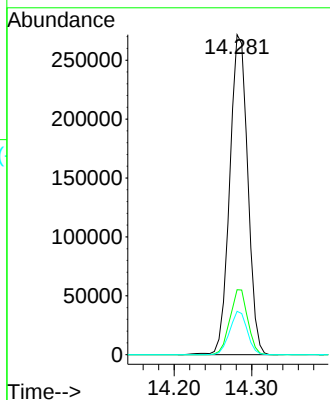
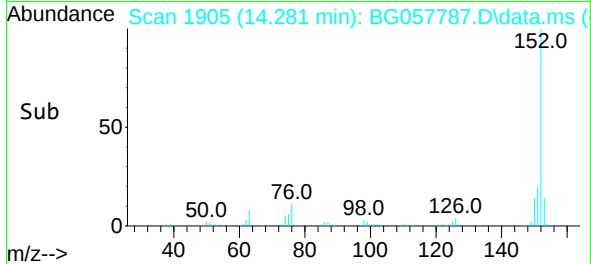
Instrument :
BNA_G
ClientSampleId :
PB153543BS



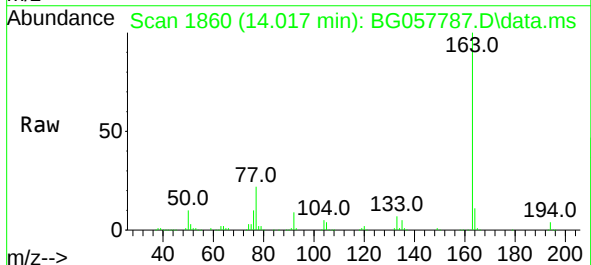
Tgt Ion:152 Resp: 437608
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 13.5 10.5 15.7

Manual Integrations
APPROVED

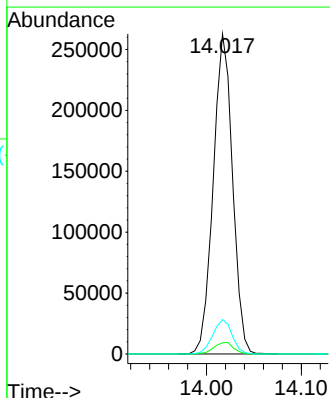
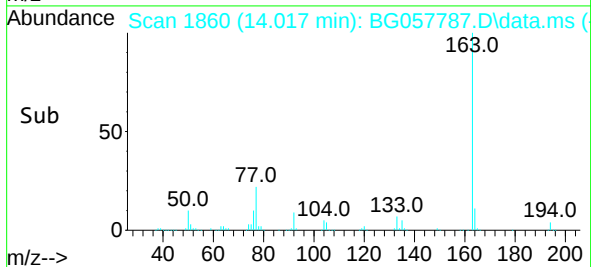
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

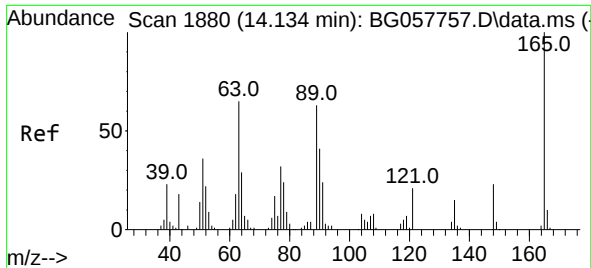


#50
Dimethylphthalate
Concen: 41.781 ng
RT: 14.017 min Scan# 1860
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:163 Resp: 372449
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.7 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.345 ng
RT: 14.134 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

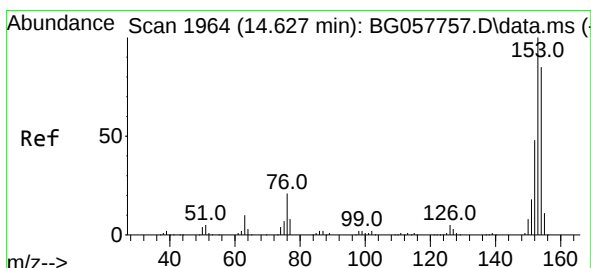
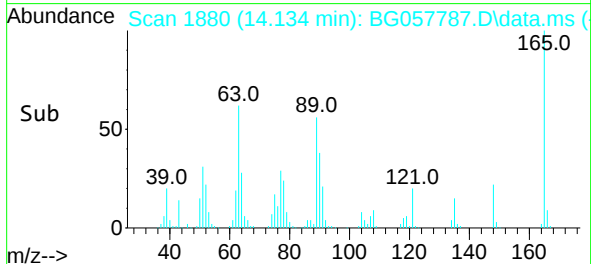
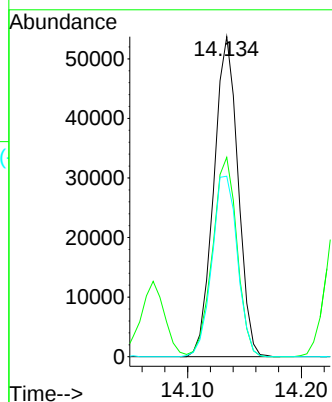
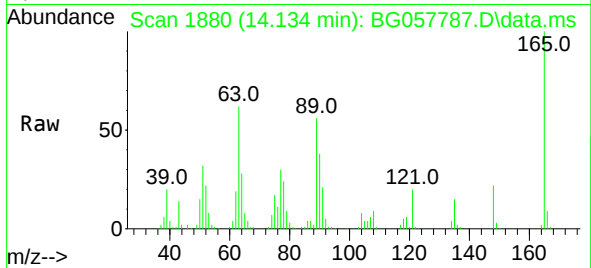
PB153543BS

Tgt Ion:165 Resp: 7936
Ion Ratio Lower Upper
165 100
63 62.3 52.8 79.2
89 56.4 50.7 76.1

Manual Integrations

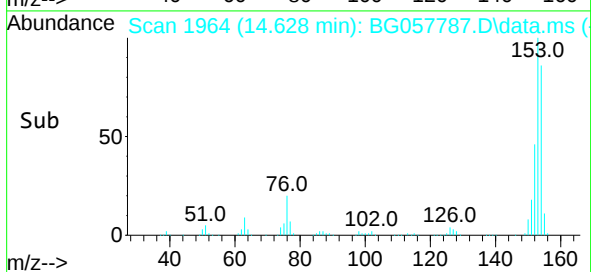
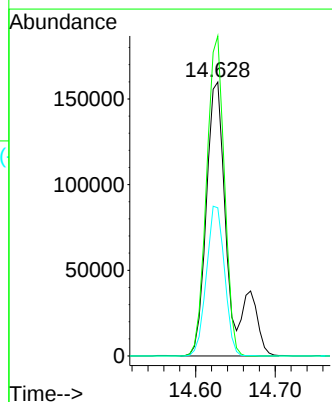
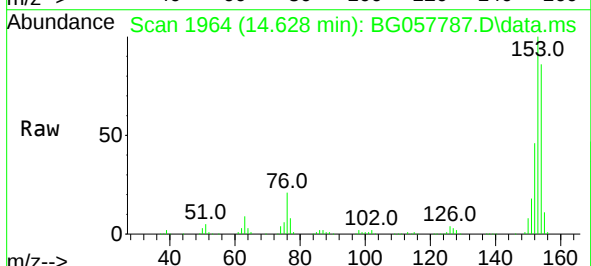
APPROVED

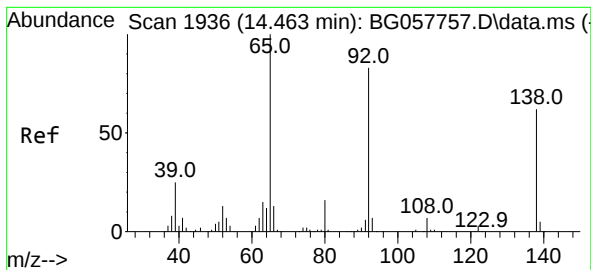
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#52
Acenaphthene
Concen: 47.410 ng m
RT: 14.628 min Scan# 1964
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:154 Resp: 308432
Ion Ratio Lower Upper
154 100
153 116.8 93.6 140.4
152 54.1 44.7 67.1





#53
3-Nitroaniline
Concen: 27.169 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

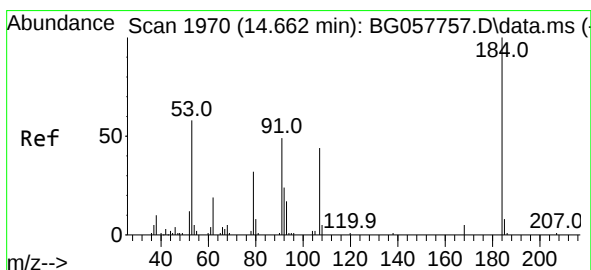
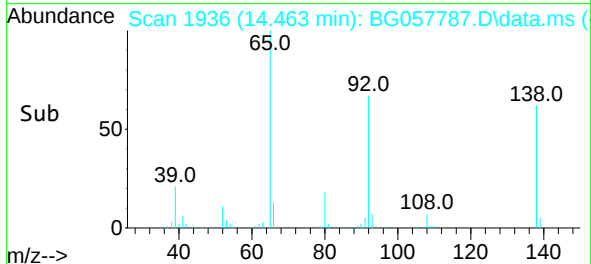
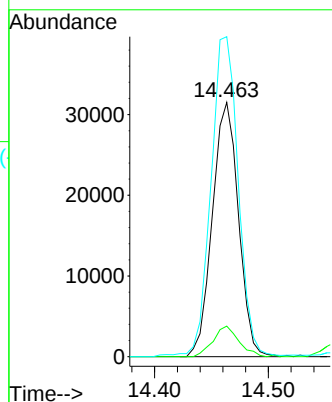
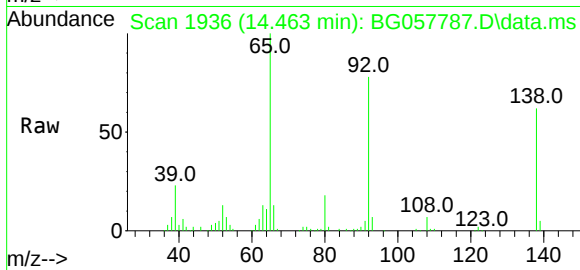
PB153543BS

Tgt Ion:138 Resp: 5026
Ion Ratio Lower Upper
138 100
108 12.0 9.1 13.7
92 125.8 106.4 159.6

Manual Integrations

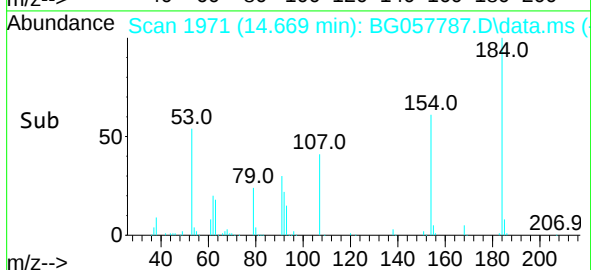
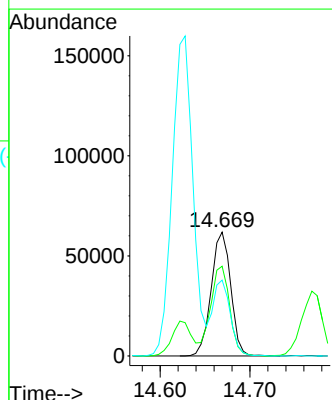
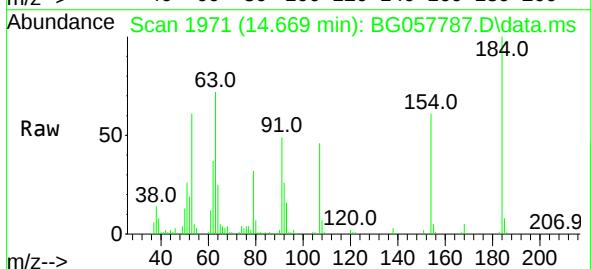
APPROVED

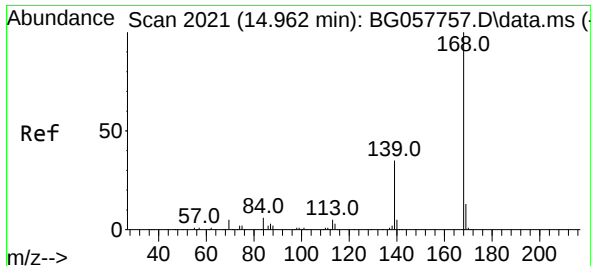
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#54
2,4-Dinitrophenol
Concen: 105.098 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.007 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:184 Resp: 93400
Ion Ratio Lower Upper
184 100
63 72.4 55.2 82.8
154 61.3 47.4 71.0





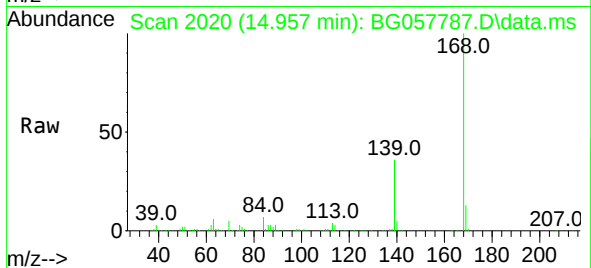
#55
Dibenzenofuran
Concen: 41.254 ng
RT: 14.957 min Scan# 20
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

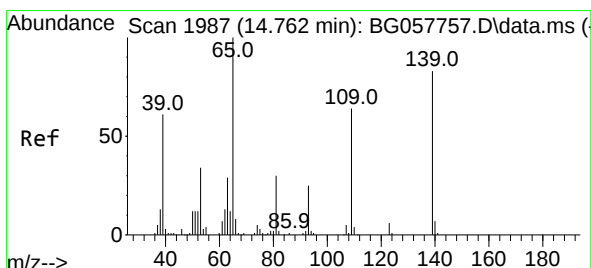
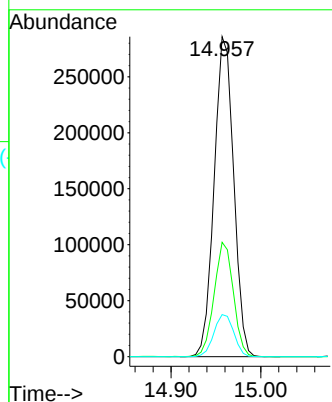
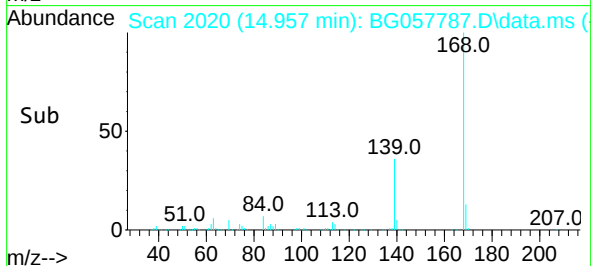


Tgt Ion:168 Resp: 43154
Ion Ratio Lower Upper
168 100
139 35.8 28.1 42.1
169 13.2 10.7 16.1

Manual Integrations

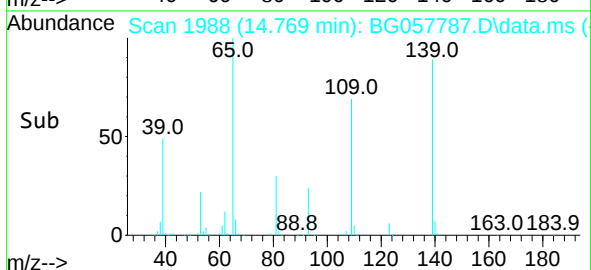
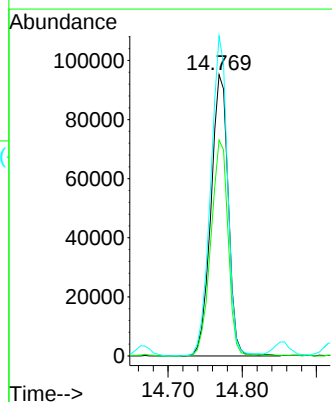
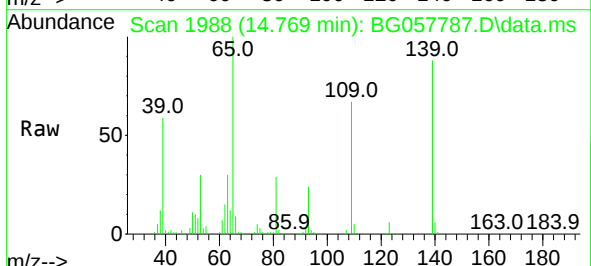
APPROVED

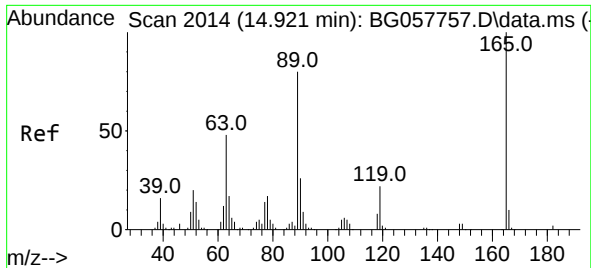
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 104.922 ng
RT: 14.769 min Scan# 1988
Delta R.T. 0.007 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:139 Resp: 154255
Ion Ratio Lower Upper
139 100
109 76.7 57.3 97.3
65 113.8 100.0 140.0





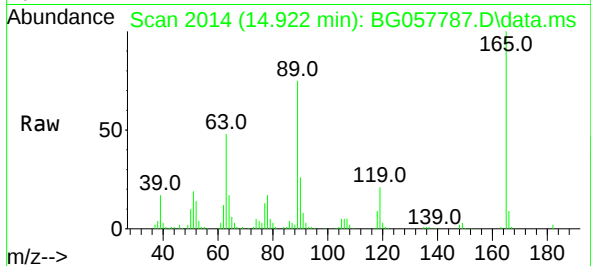
#57
2,4-Dinitrotoluene
Concen: 51.175 ng
RT: 14.922 min Scan# 2014
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

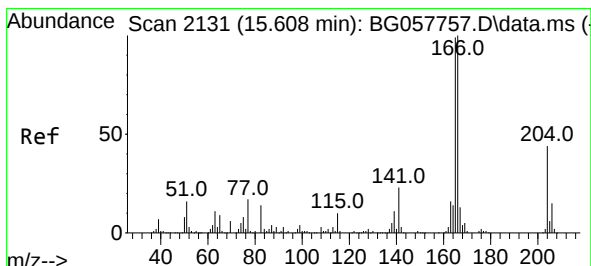
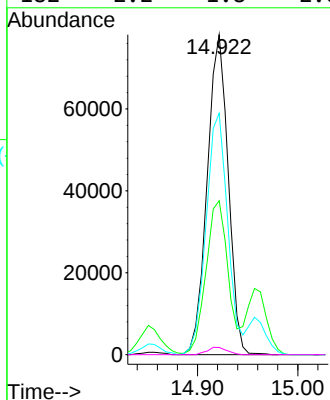
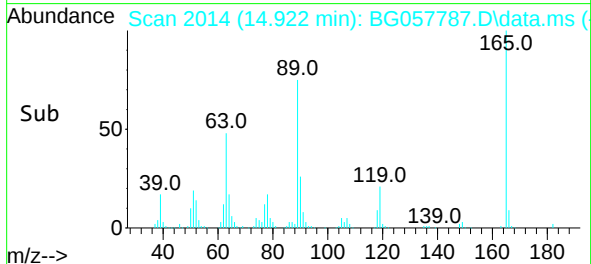


Tgt Ion:165 Resp: 11392
Ion Ratio Lower Upper
165 100
63 48.1 38.6 58.0
89 75.4 63.7 95.5
182 2.2 1.8 2.6

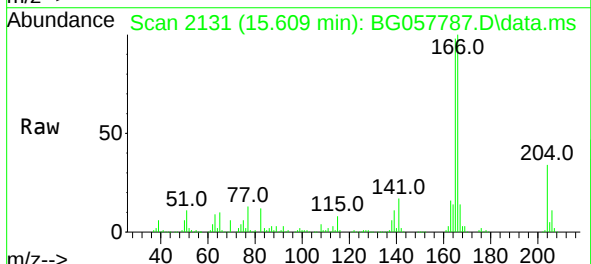
Manual Integrations

APPROVED

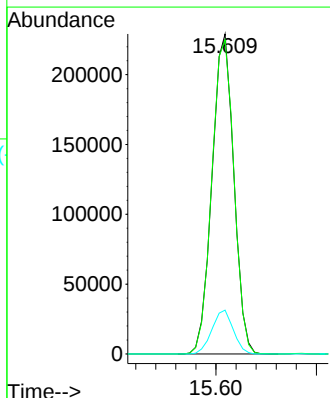
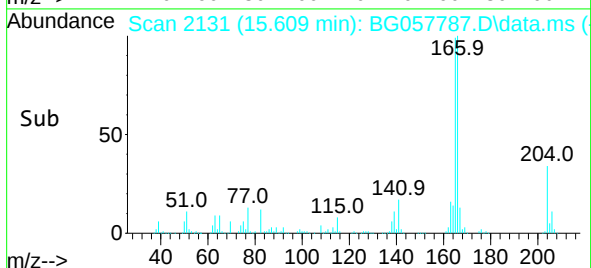
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

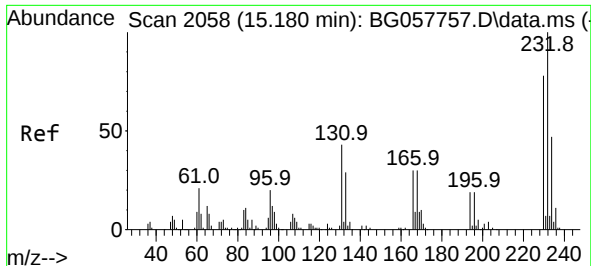


#58
Fluorene
Concen: 41.543 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:166 Resp: 343994
Ion Ratio Lower Upper
166 100
165 98.1 79.5 119.3
167 13.7 10.6 16.0





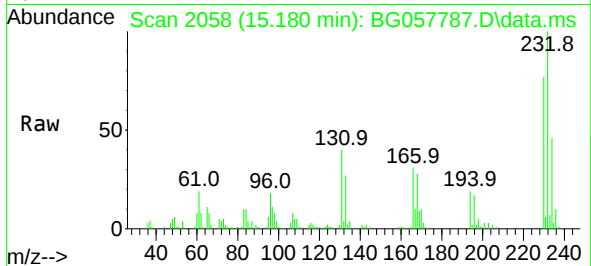
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.380 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

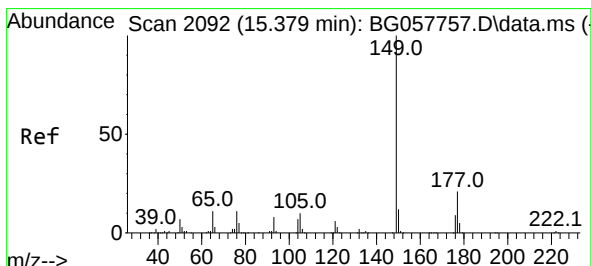
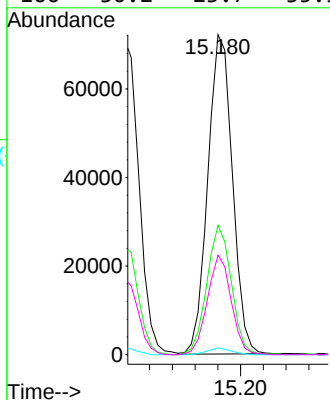
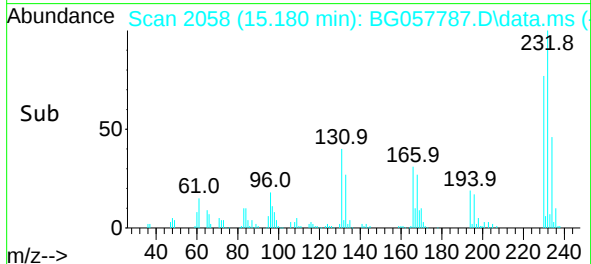


Tgt Ion:232 Resp: 10843
Ion Ratio Lower Upper
232 100
131 40.6 31.9 47.9
130 2.0 1.6 2.4
166 30.2 23.7 35.5

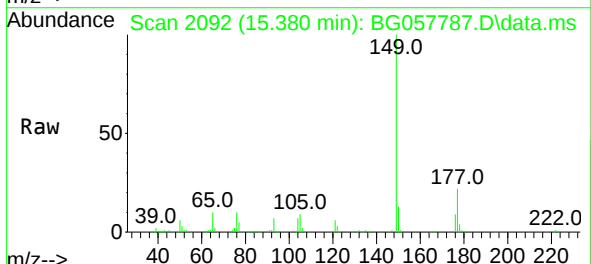
Manual Integrations

APPROVED

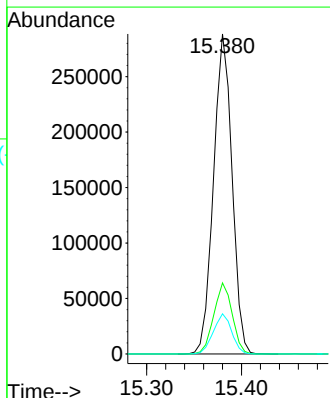
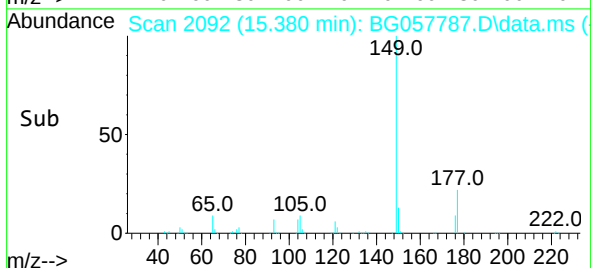
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

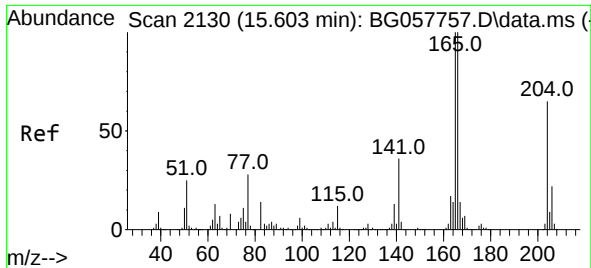


#60
Diethylphthalate
Concen: 42.820 ng
RT: 15.380 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:149 Resp: 391607
Ion Ratio Lower Upper
149 100
177 22.2 17.0 25.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.739 ng
RT: 15.597 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

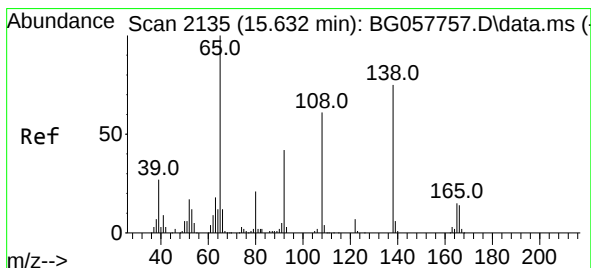
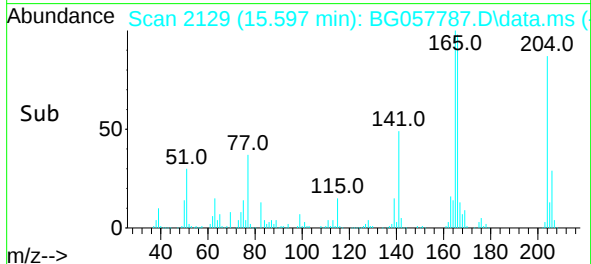
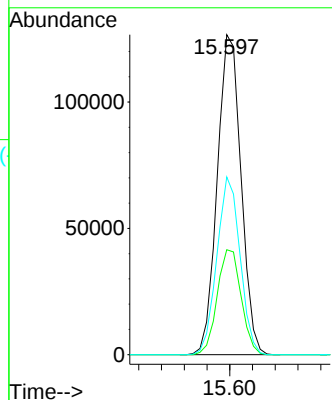
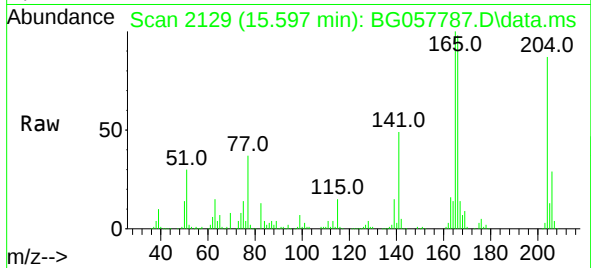
PB153543BS

Tgt Ion:204 Resp: 183770
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 55.6 44.3 66.5

Manual Integrations

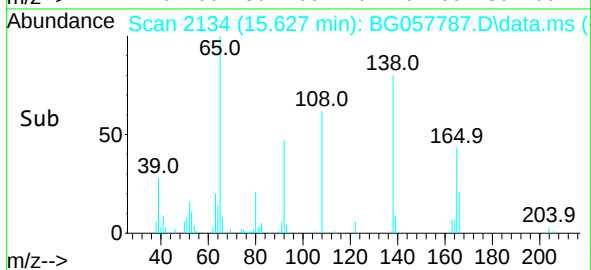
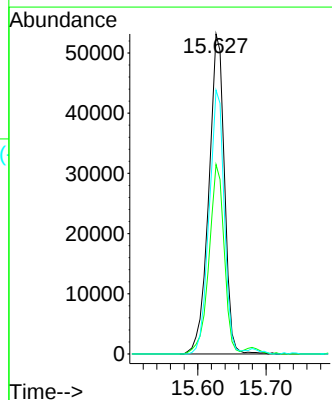
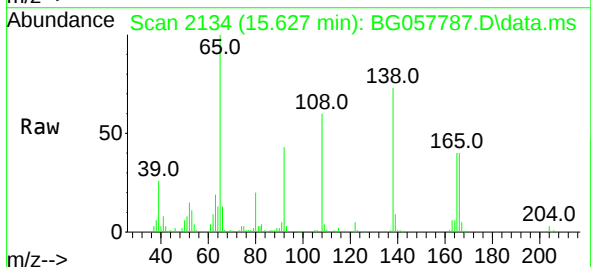
APPROVED

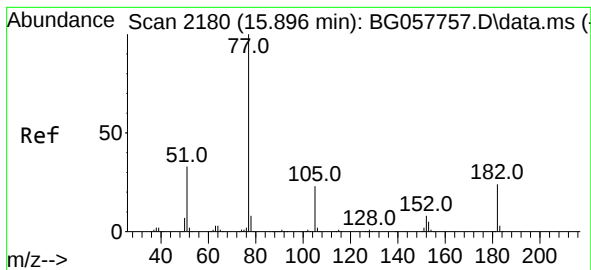
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#62
4-Nitroaniline
Concen: 45.044 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:138 Resp: 84951
Ion Ratio Lower Upper
138 100
92 59.2 35.9 75.9
108 82.4 62.1 102.1





#63

Azobenzene

Concen: 40.427 ng

RT: 15.891 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BG057787.D

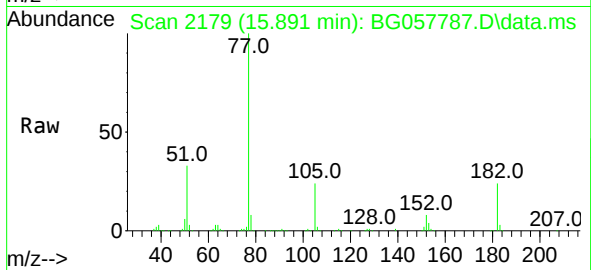
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS



Tgt Ion: 77 Resp: 378194

Ion Ratio Lower Upper

77 100

182 23.8 4.1 44.1

105 23.5 3.3 43.3

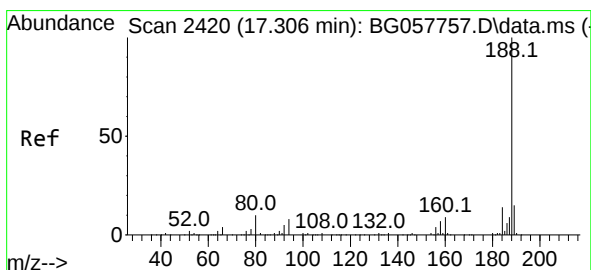
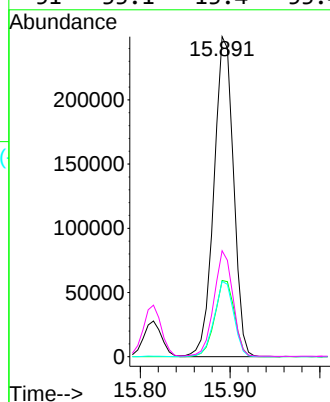
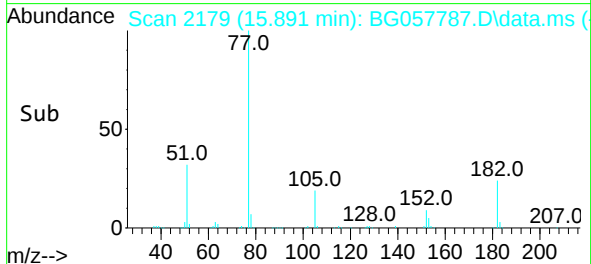
51 33.1 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

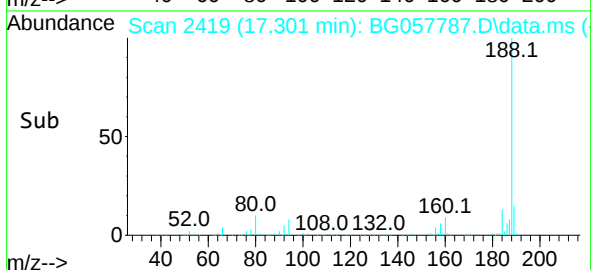
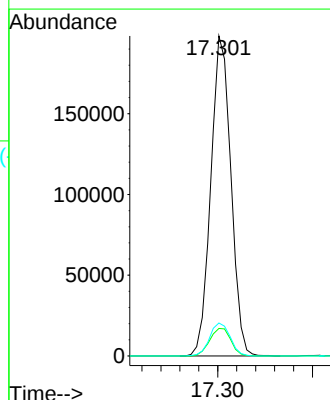
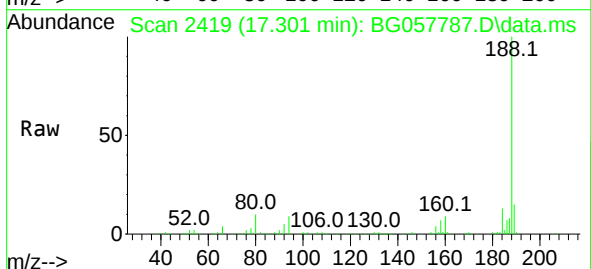
Tgt Ion:188 Resp: 291370

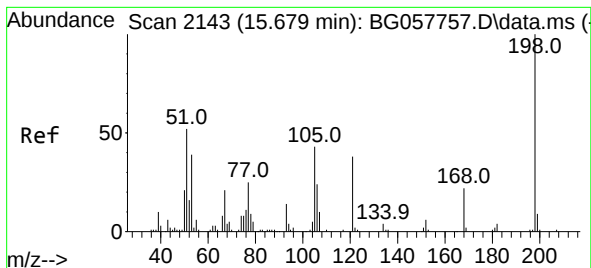
Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 10.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.027 ng
RT: 15.680 min Scan# 2143
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

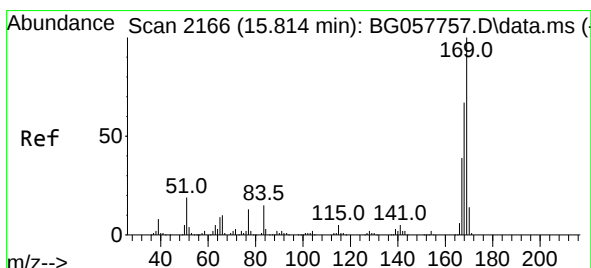
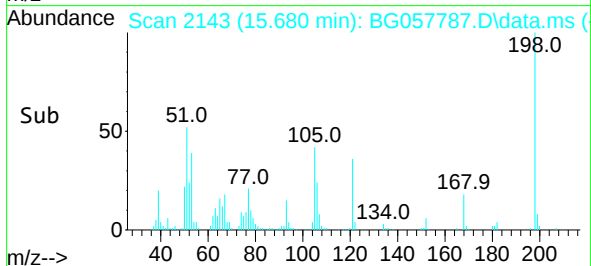
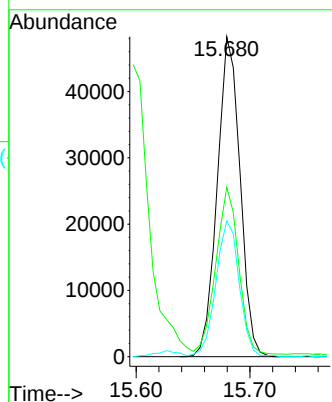
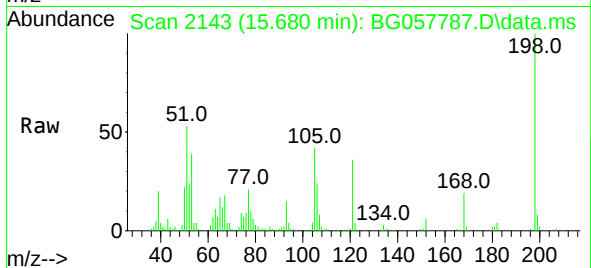
PB153543BS

Tgt Ion:198 Resp: 67299
Ion Ratio Lower Upper
198 100
51 53.0 36.6 76.6
105 42.5 24.3 64.3

Manual Integrations

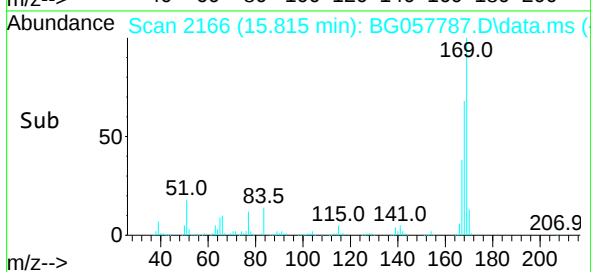
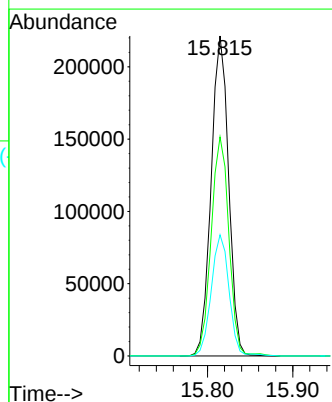
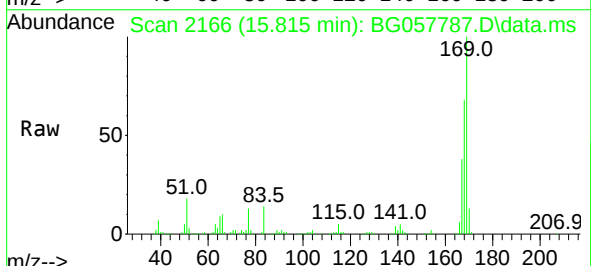
APPROVED

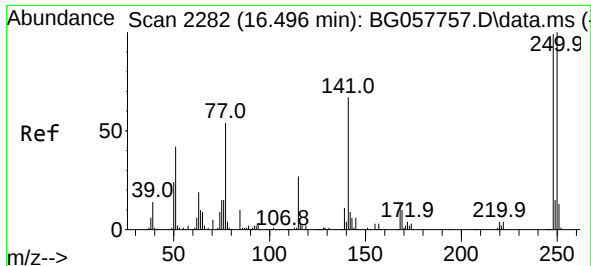
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 41.033 ng
RT: 15.815 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

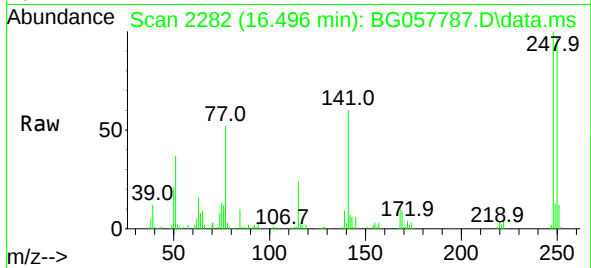
Tgt Ion:169 Resp: 315553
Ion Ratio Lower Upper
169 100
168 68.4 53.4 80.2
167 37.9 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 40.975 ng
RT: 16.496 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

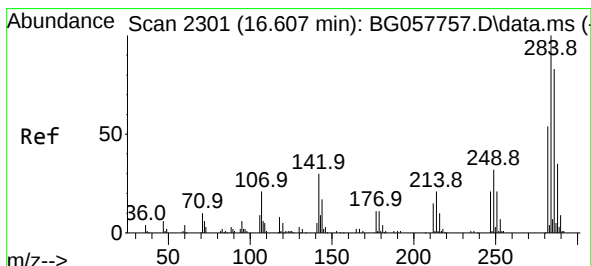
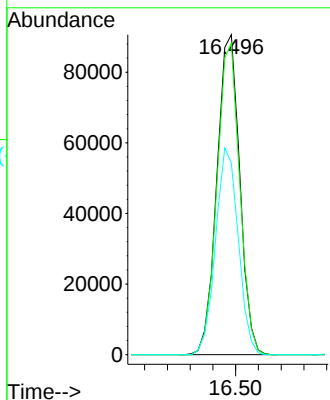
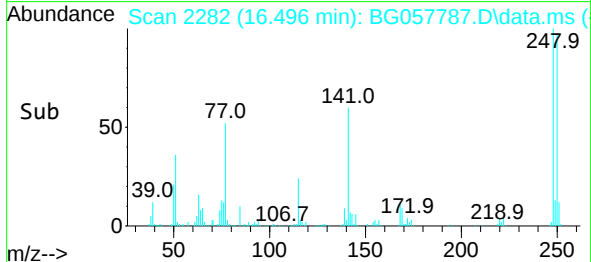
Instrument :
BNA_G
ClientSampleId :
PB153543BS



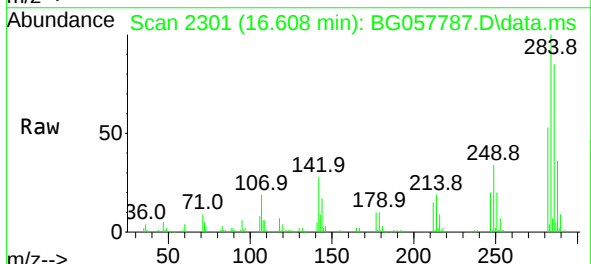
Tgt Ion:248 Resp: 126610
Ion Ratio Lower Upper
248 100
250 97.3 81.1 121.7
141 59.9 54.6 81.8

Manual Integrations
APPROVED

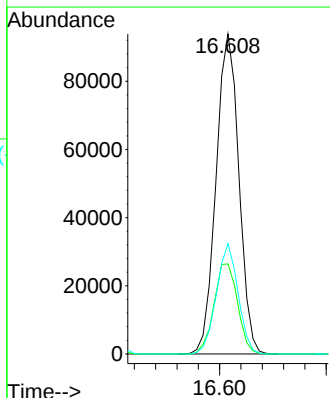
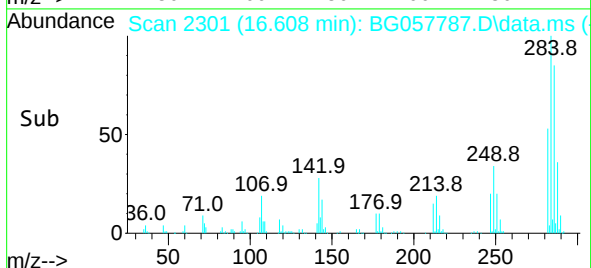
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

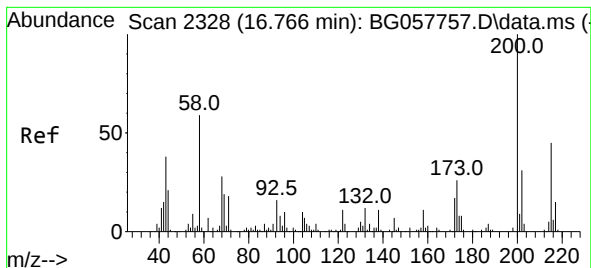


#68
Hexachlorobenzene
Concen: 44.201 ng
RT: 16.608 min Scan# 2301
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:284 Resp: 139238
Ion Ratio Lower Upper
284 100
142 28.2 24.2 36.4
249 34.5 25.9 38.9





#69

Atrazine

Concen: 45.374 ng

RT: 16.761 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057787.D

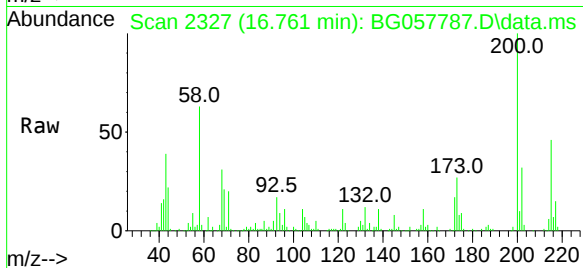
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS



Tgt Ion:200 Resp: 119778

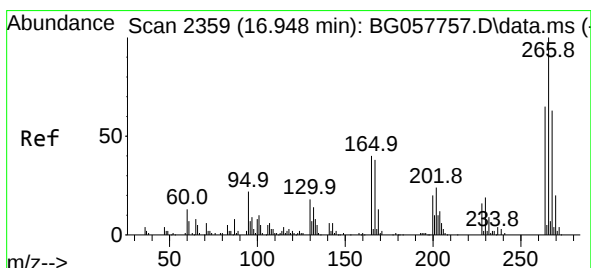
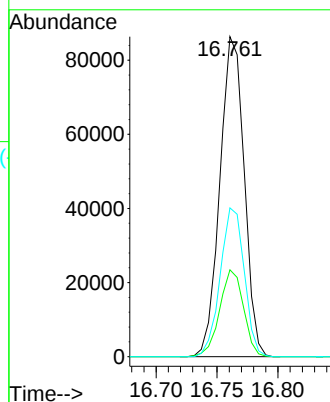
Ion	Ratio	Lower	Upper
200	100		
173	27.2	5.6	45.6
215	46.5	24.6	64.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#70

Pentachlorophenol

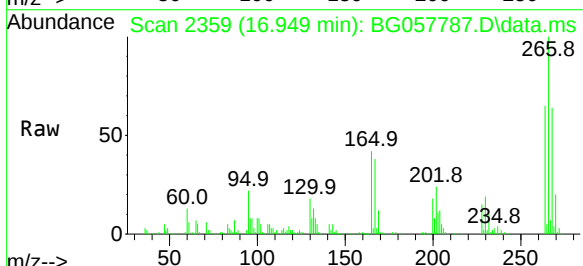
Concen: 82.965 ng

RT: 16.949 min Scan# 2359

Delta R.T. 0.001 min

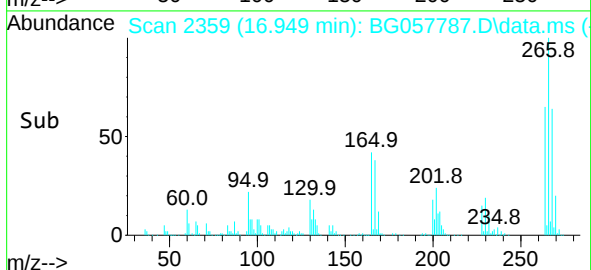
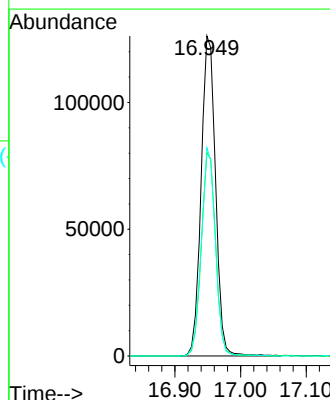
Lab File: BG057787.D

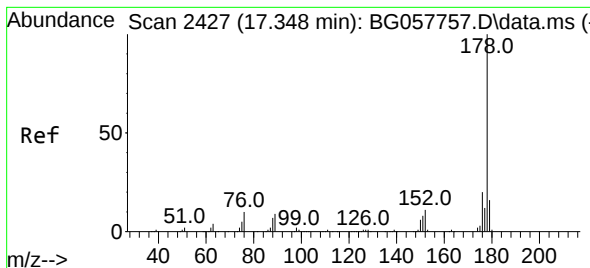
Acq: 21 Jun 2023 16:37



Tgt Ion:266 Resp: 193079

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.5	75.7
264	65.1	51.8	77.6





#71

Phenanthrene

Concen: 41.263 ng

RT: 17.348 min Scan# 2427

Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

Tgt Ion:178 Resp: 582128

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

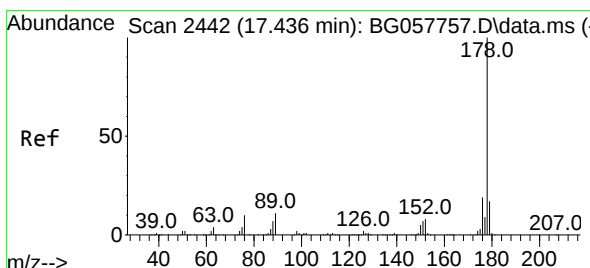
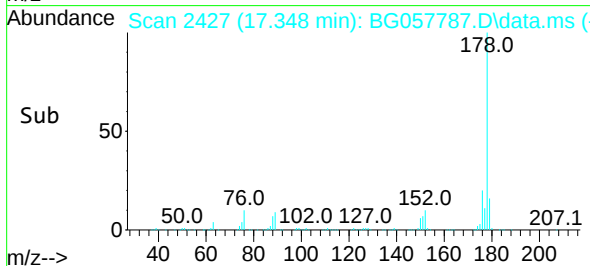
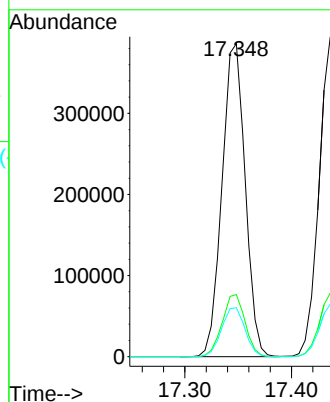
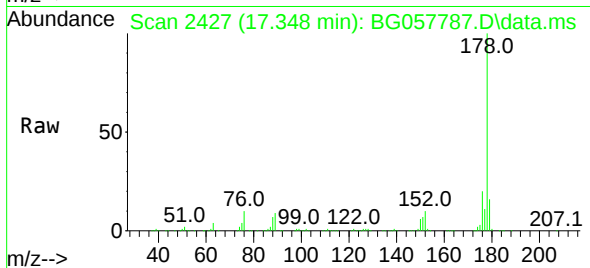
179 15.7 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#72

Anthracene

Concen: 41.214 ng

RT: 17.436 min Scan# 2442

Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

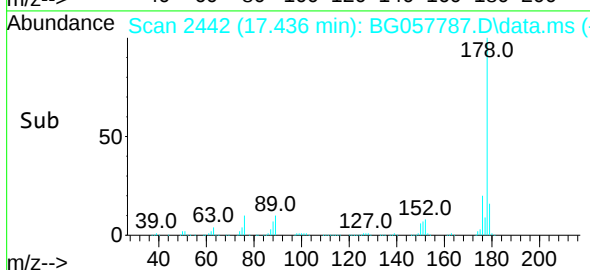
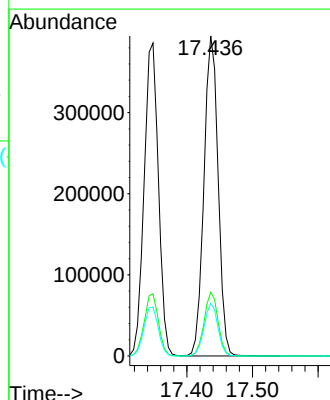
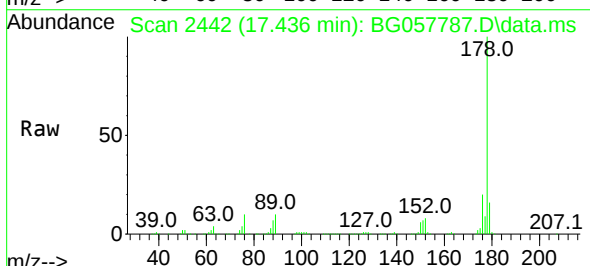
Tgt Ion:178 Resp: 593717

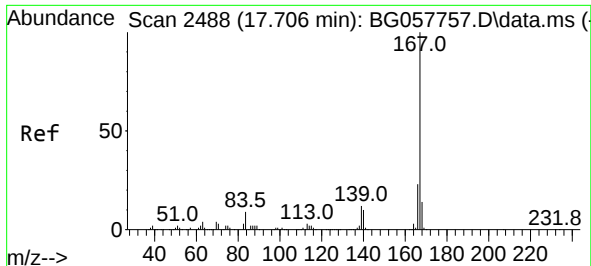
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

179 16.4 13.3 19.9





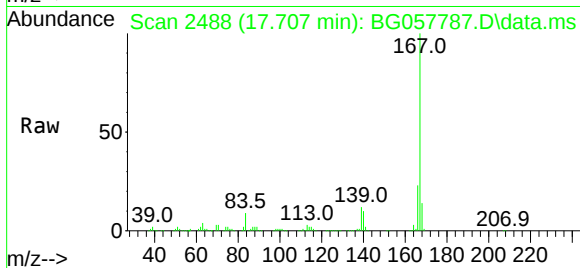
#73
Carbazole
Concen: 42.775 ng
RT: 17.707 min Scan# 2488
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

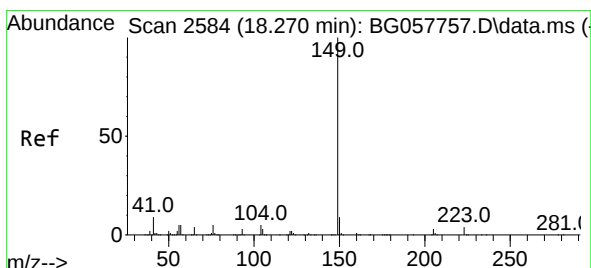
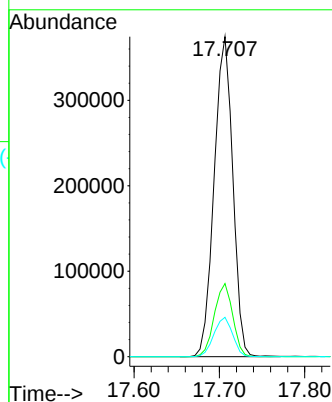
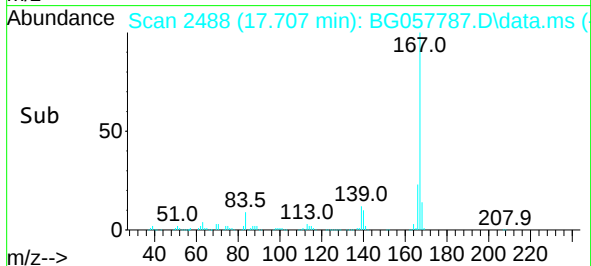


Tgt Ion:167 Resp: 56815
Ion Ratio Lower Upper
167 100
166 22.8 18.4 27.6
139 12.3 9.9 14.9

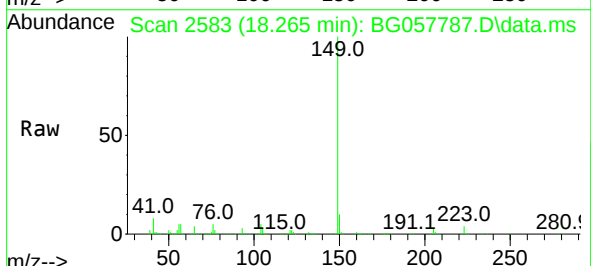
Manual Integrations

APPROVED

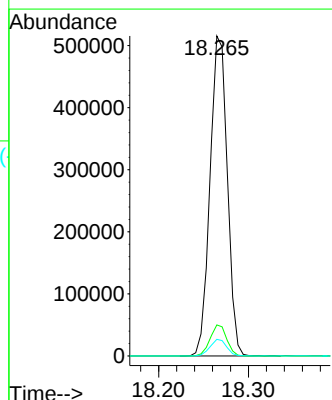
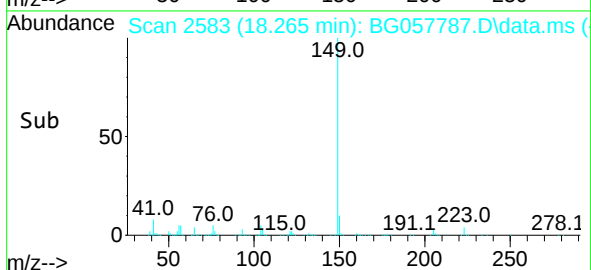
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

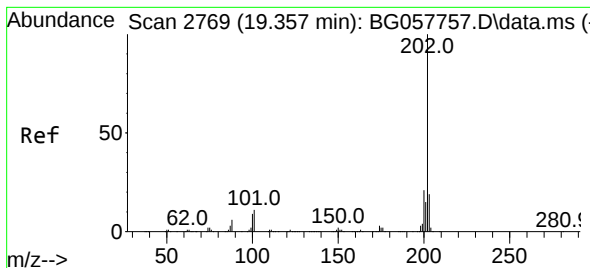


#74
Di-n-butylphthalate
Concen: 43.843 ng
RT: 18.265 min Scan# 2583
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:149 Resp: 689530
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 41.408 ng

RT: 19.358 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057787.D

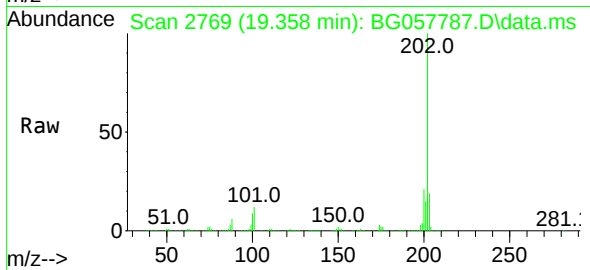
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS



Tgt Ion:202 Resp: 69592

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.3

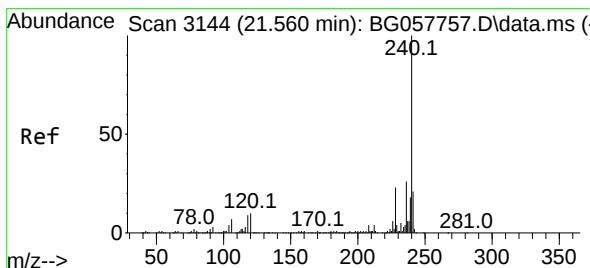
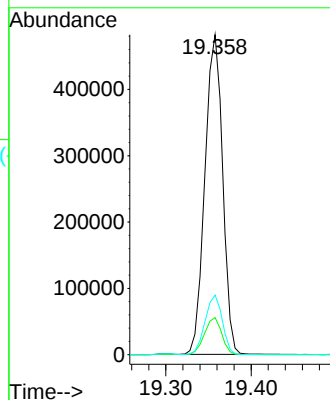
203 18.6 0.0 38.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.561 min Scan# 3144

Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

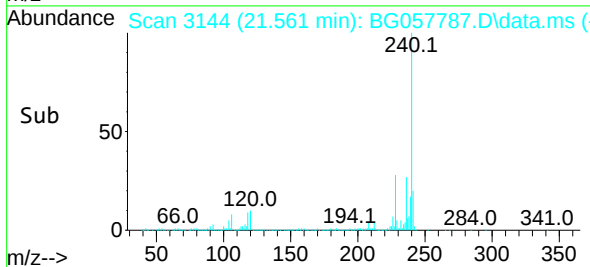
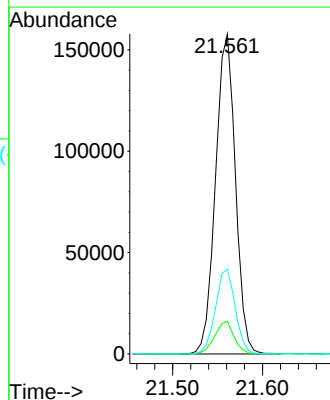
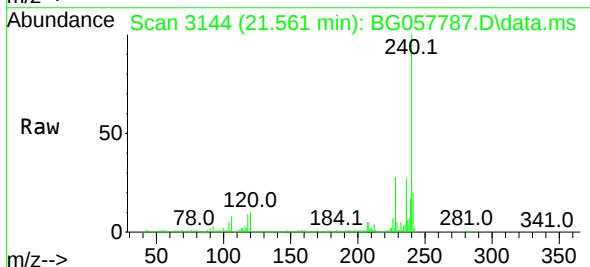
Tgt Ion:240 Resp: 242402

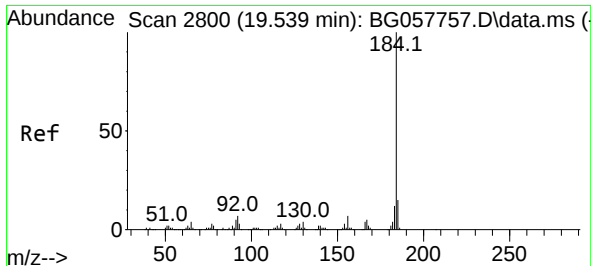
Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

236 26.6 20.6 30.8





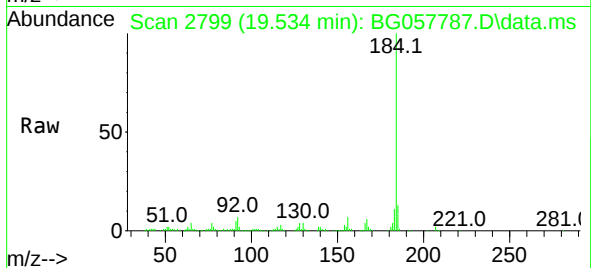
#77
Benzidine
Concen: 29.012 ng
RT: 19.534 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

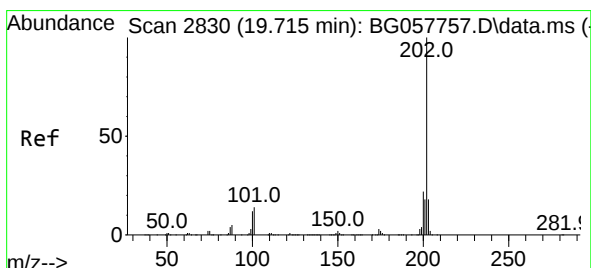
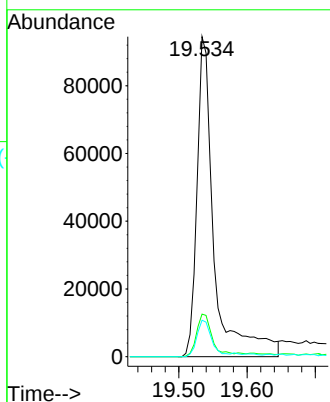
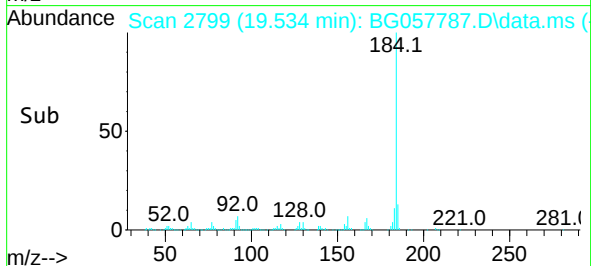


Tgt Ion:184 Resp: 16484
Ion Ratio Lower Upper
184 100
185 13.3 12.0 18.0
183 11.4 9.4 14.0

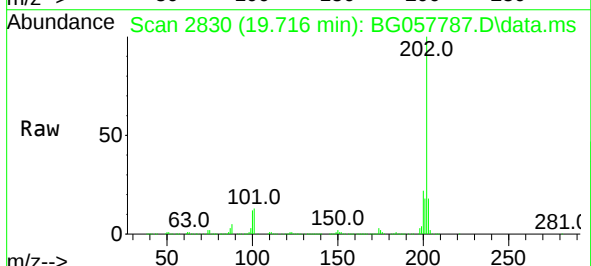
Manual Integrations

APPROVED

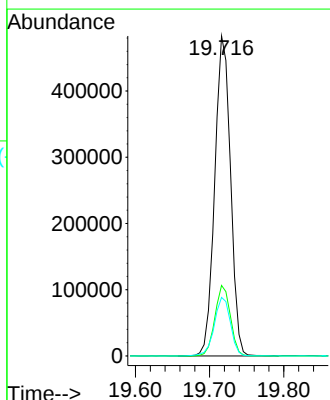
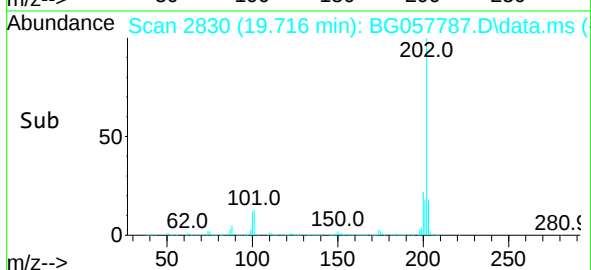
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

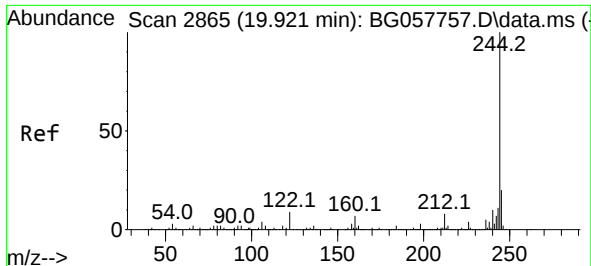


#78
Pyrene
Concen: 41.315 ng
RT: 19.716 min Scan# 2830
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37



Tgt Ion:202 Resp: 714404
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.0
203 18.3 14.6 22.0





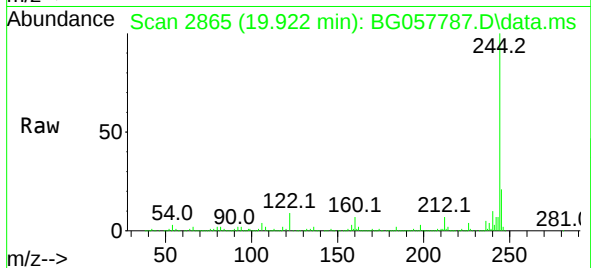
#79
Terphenyl-d14
Concen: 83.060 ng
RT: 19.922 min Scan# 2865
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

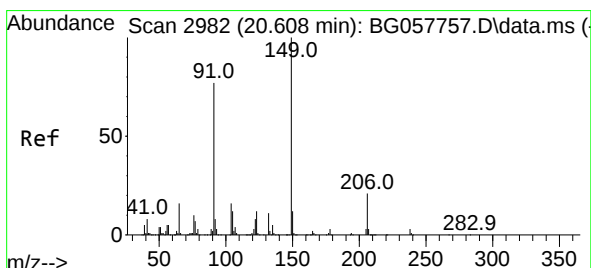
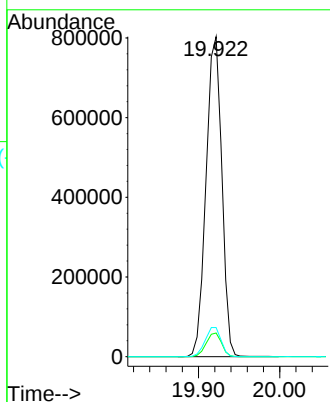
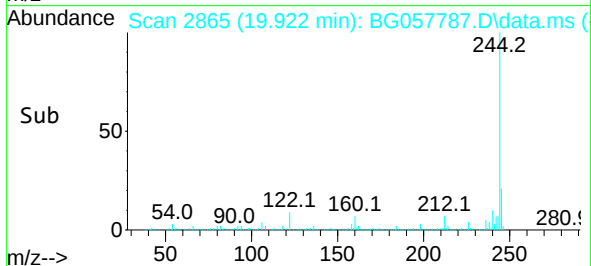


Tgt Ion:244 Resp: 1079750
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.1 7.6 11.4

Manual Integrations

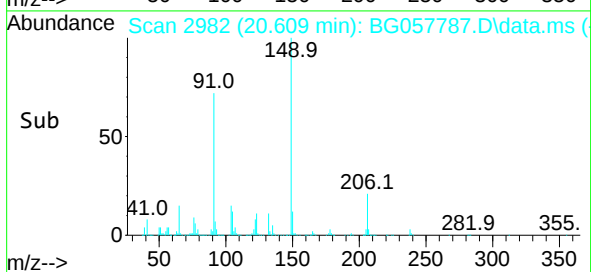
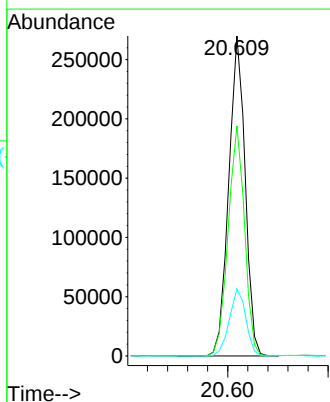
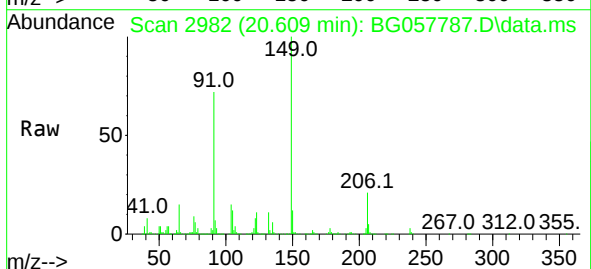
APPROVED

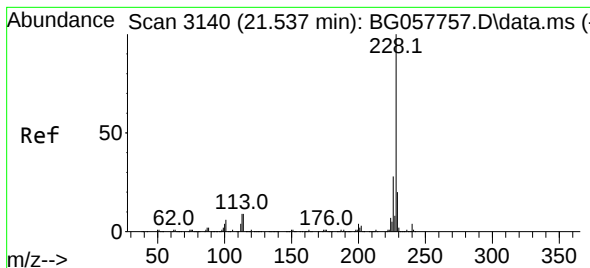
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#80
Butylbenzylphthalate
Concen: 46.610 ng
RT: 20.609 min Scan# 2982
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:149 Resp: 306592
Ion Ratio Lower Upper
149 100
91 71.8 61.7 92.5
206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 42.177 ng

RT: 21.537 min Scan# 3140

Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

Tgt Ion:228 Resp: 701440

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

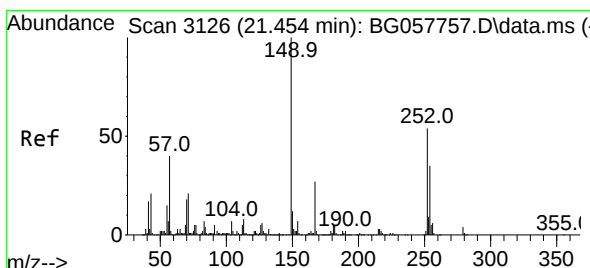
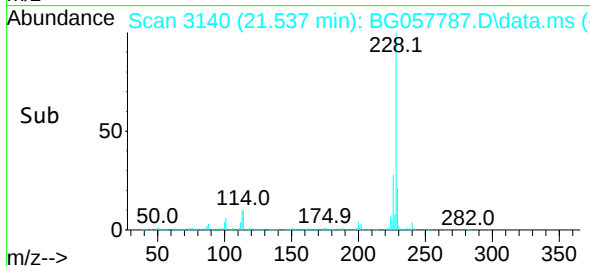
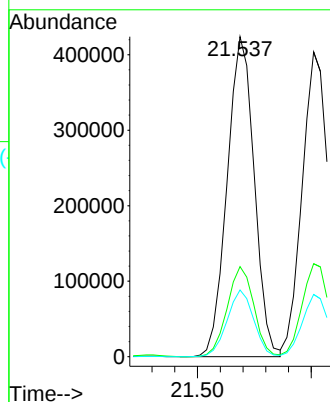
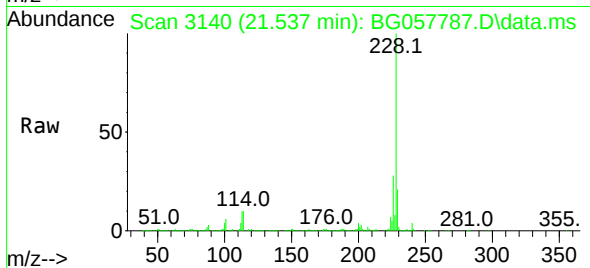
229 20.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#82

3,3'-Dichlorobenzidine

Concen: 38.166 ng

RT: 21.455 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

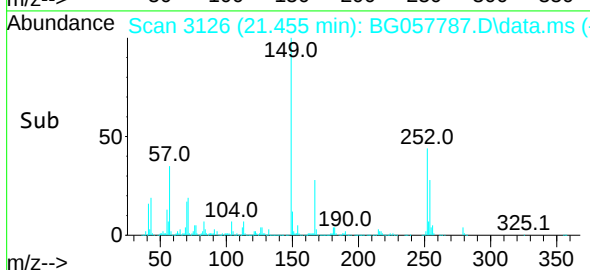
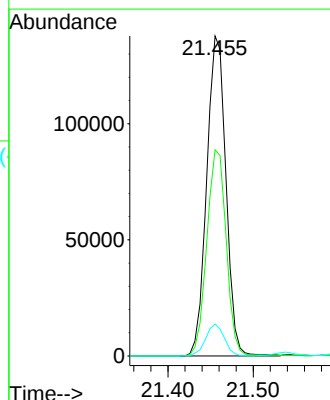
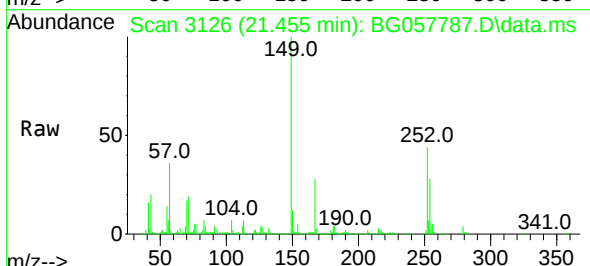
Tgt Ion:252 Resp: 215887

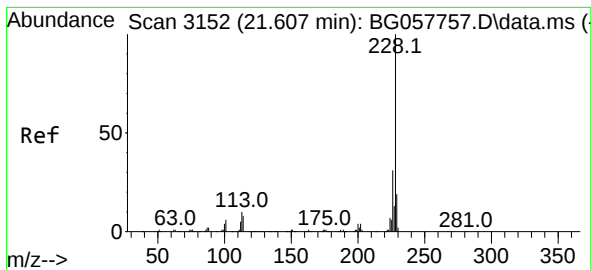
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.6

126 10.0 7.0 10.6





#83

Chrysene

Concen: 40.755 ng

RT: 21.602 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

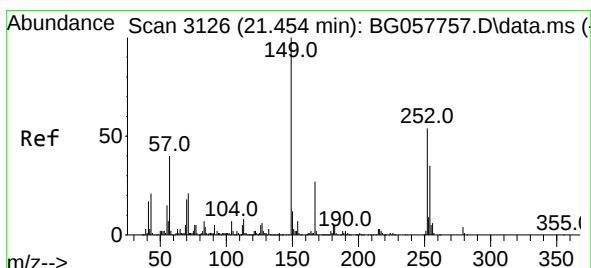
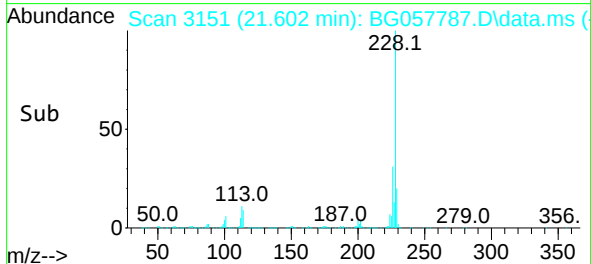
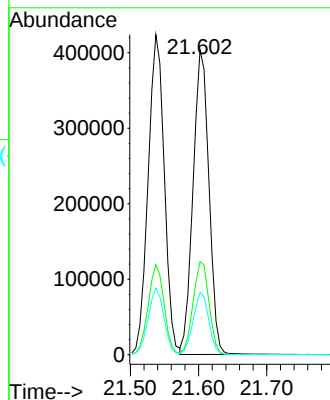
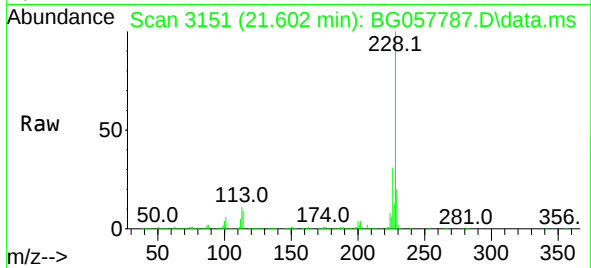
PB153543BS

Tgt Ion:228 Resp: 650470
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.8 37.2
 229 20.4 15.6 23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.818 ng

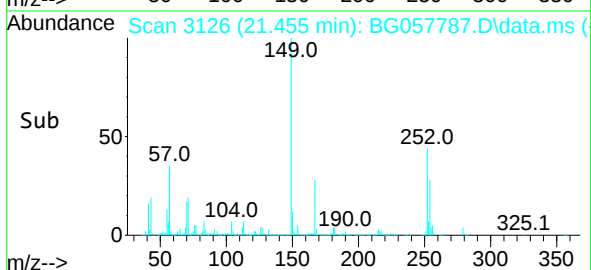
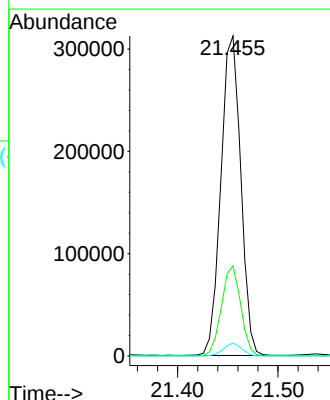
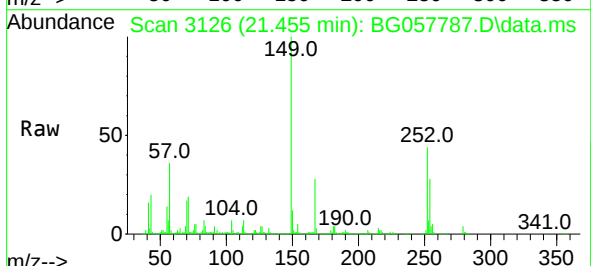
RT: 21.455 min Scan# 3126

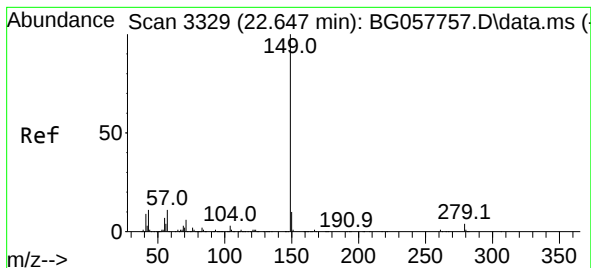
Delta R.T. 0.001 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Tgt Ion:149 Resp: 428034
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.8 32.8
 279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.436 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

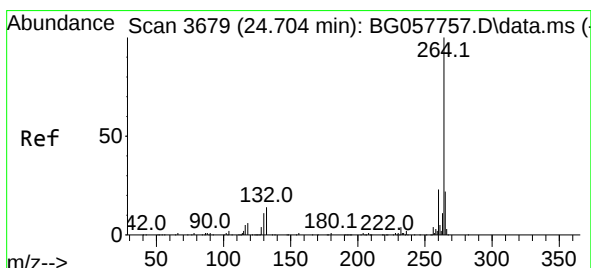
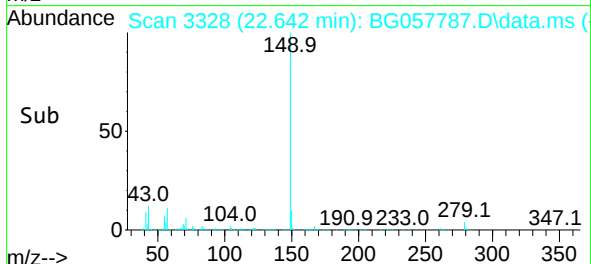
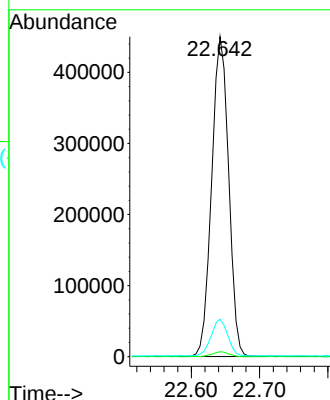
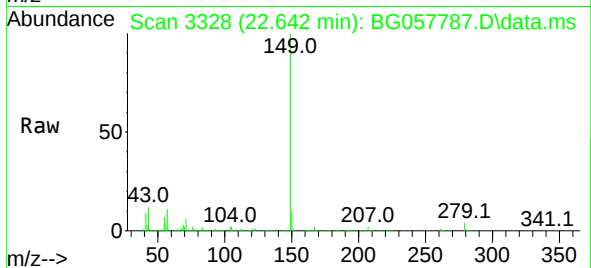
Tgt Ion:149 Resp: 77785
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

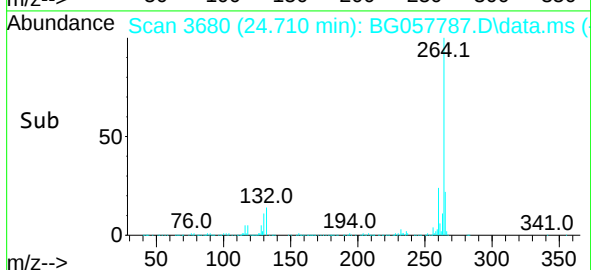
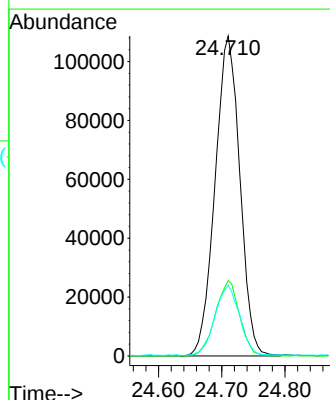
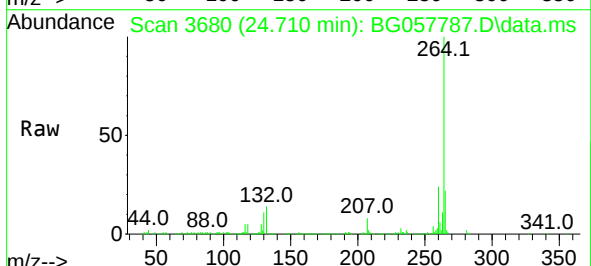
RT: 24.710 min Scan# 3680

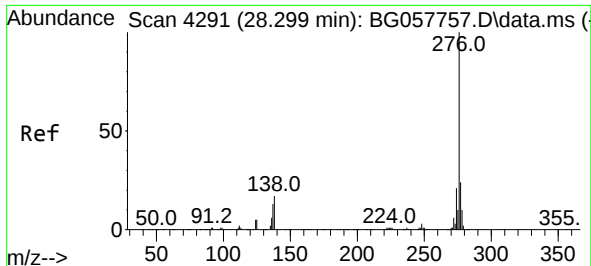
Delta R.T. 0.007 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Tgt Ion:264 Resp: 295728
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.1 17.4 26.2





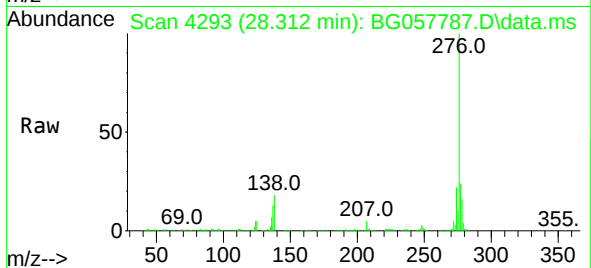
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.635 ng
 RT: 28.312 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BG057787.D
 Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

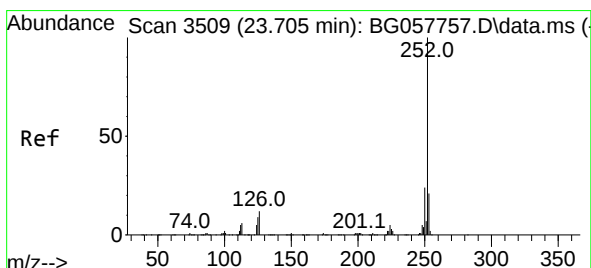
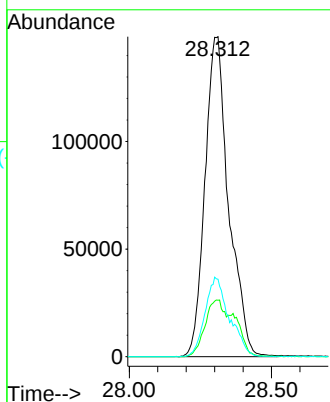
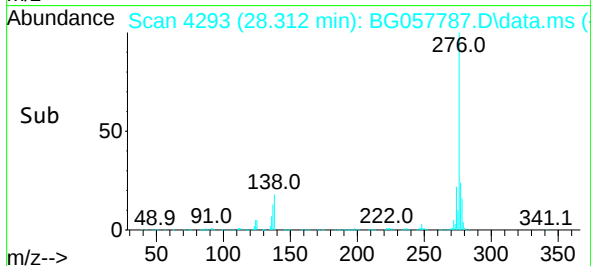


Tgt Ion:276 Resp: 863029
 Ion Ratio Lower Upper
 276 100
 138 16.1 11.3 16.9
 277 25.5 20.4 30.6

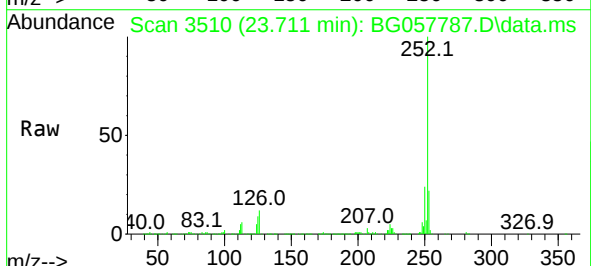
Manual Integrations

APPROVED

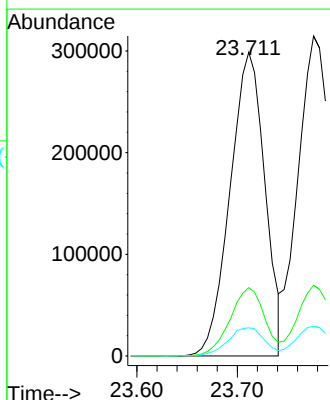
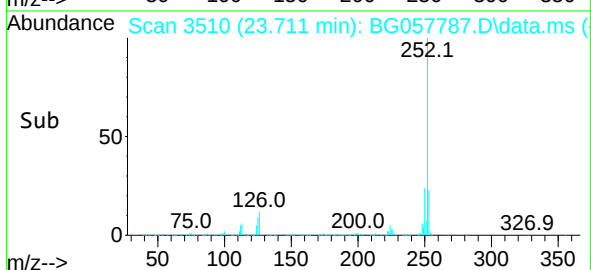
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

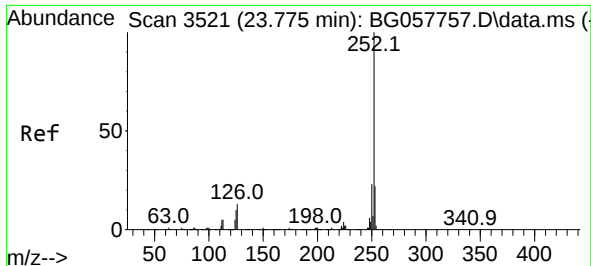


#88
 Benzo(b)fluoranthene
 Concen: 44.385 ng
 RT: 23.711 min Scan# 3510
 Delta R.T. 0.007 min
 Lab File: BG057787.D
 Acq: 21 Jun 2023 16:37



Tgt Ion:252 Resp: 719286
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.1 25.7
 125 9.3 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 43.499 ng
RT: 23.776 min Scan# 3521
Delta R.T. 0.001 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

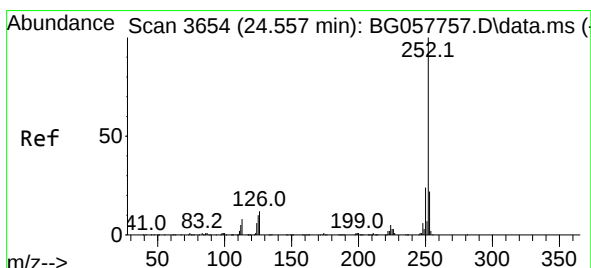
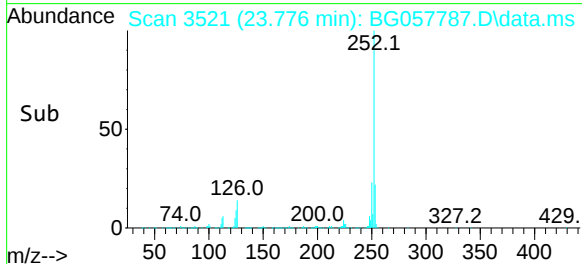
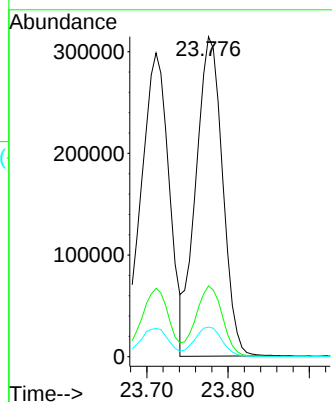
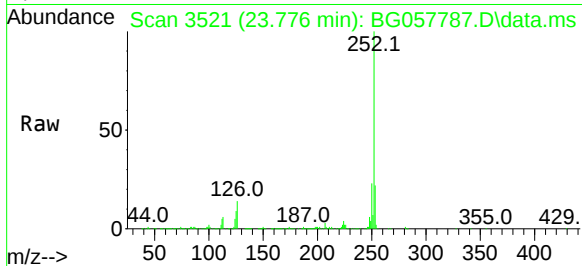
ClientSampleId :

PB153543BS

Tgt Ion:252 Resp: 71795
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.2 7.6 11.4

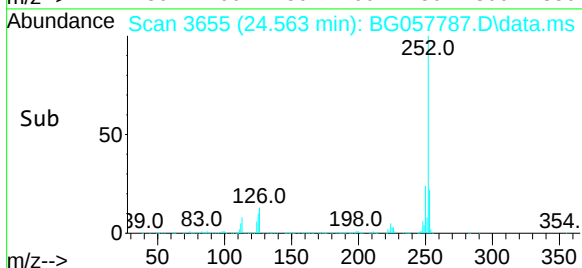
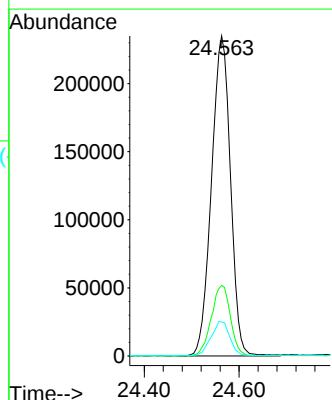
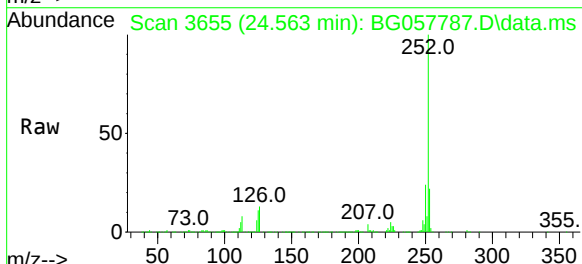
Manual Integrations
APPROVED

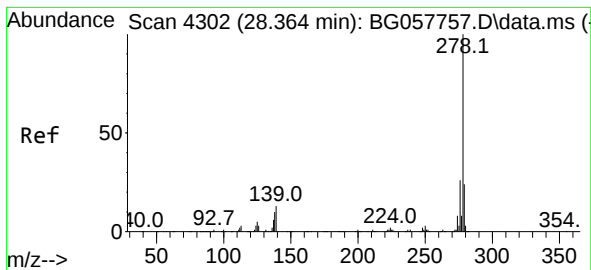
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 41.071 ng
RT: 24.563 min Scan# 3655
Delta R.T. 0.007 min
Lab File: BG057787.D
Acq: 21 Jun 2023 16:37

Tgt Ion:252 Resp: 653669
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.6 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 44.330 ng

RT: 28.371 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Instrument :

BNA_G

ClientSampleId :

PB153543BS

Tgt Ion:278 Resp: 711168

Ion Ratio Lower Upper

278 100

139 14.2 10.8 16.2

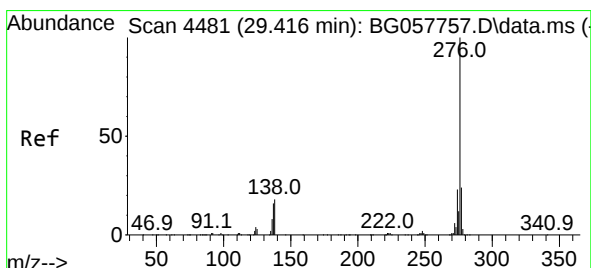
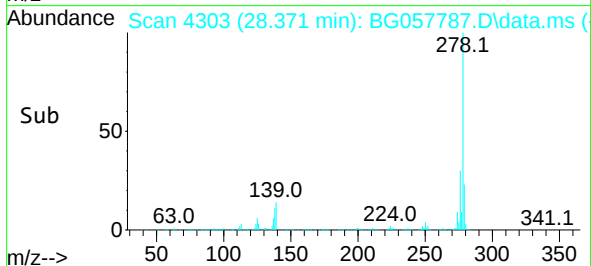
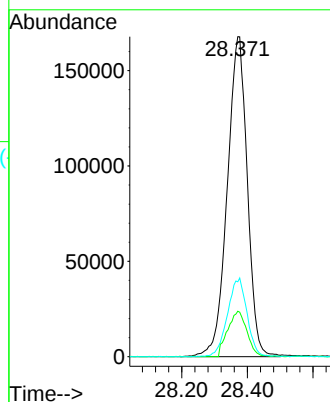
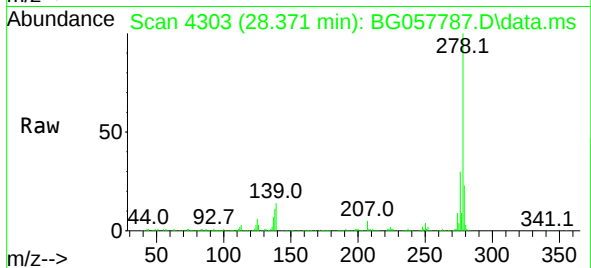
279 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#92

Benzo(g,h,i)perylene

Concen: 44.024 ng

RT: 29.434 min Scan# 4484

Delta R.T. 0.018 min

Lab File: BG057787.D

Acq: 21 Jun 2023 16:37

Tgt Ion:276 Resp: 707169

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.0

138 20.0 14.2 21.4

