

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057881.D
 Acq On : 28 Jun 2023 00:51
 Operator : CG/JU
 Sample : PB153721BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153721BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 02:41:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	44581	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	212990	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	161447	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	416063	20.000	ng	0.00
76) Chrysene-d12	21.555	240	346572	20.000	ng	0.00
86) Perylene-d12	24.704	264	412932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	390060	133.867	ng	0.00
7) Phenol-d6	7.089	99	571518	131.167	ng	0.00
23) Nitrobenzene-d5	9.087	82	328714	75.635	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	302588	111.588	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	790286	74.700	ng	0.00
79) Terphenyl-d14	19.915	244	1515659	79.729	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	39873	29.855	ng	93
3) Pyridine	3.787	79	108917	28.261	ng	94
4) n-Nitrosodimethylamine	3.705	42	61357	38.625	ng	# 98
6) Aniline	7.248	93	198558	36.479	ng	99
8) 2-Chlorophenol	7.489	128	144727	49.478	ng	98
9) Benzaldehyde	7.060	77	72179m	31.095	ng	
10) Phenol	7.113	94	210419	49.697	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	134393	42.101	ng	98
12) 1,3-Dichlorobenzene	7.812	146	130960	43.527	ng	98
13) 1,4-Dichlorobenzene	7.959	146	131514	43.518	ng	97
14) 1,2-Dichlorobenzene	8.276	146	130269	44.542	ng	99
15) Benzyl Alcohol	8.159	79	150271	46.810	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	225148m	42.358	ng	
17) 2-Methylphenol	8.364	107	144643	46.080	ng	98
18) Hexachloroethane	9.005	117	46764	44.408	ng	98
19) n-Nitroso-di-n-propyla...	8.729	70	122314	41.952	ng	98
20) 3+4-Methylphenols	8.693	107	203494	46.530	ng	98
22) Acetophenone	8.746	105	237024	39.986	ng	99
24) Nitrobenzene	9.128	77	171428	39.298	ng	96
25) Isophorone	9.651	82	363520	38.740	ng	98
26) 2-Nitrophenol	9.839	139	77487	43.592	ng	98
27) 2,4-Dimethylphenol	9.898	122	153738	44.858	ng	96
28) bis(2-Chloroethoxy)met...	10.133	93	205064	40.666	ng	97
29) 2,4-Dichlorophenol	10.374	162	154590	45.994	ng	96
30) 1,2,4-Trichlorobenzene	10.585	180	148893	41.148	ng	97
31) Naphthalene	10.773	128	446600	39.281	ng	98
32) Benzoic acid	10.051	122	139392	52.001	ng	93
33) 4-Chloroaniline	10.885	127	142980	26.729	ng	99
34) Hexachlorobutadiene	11.061	225	86974	38.971	ng	98
35) Caprolactam	11.666	113	63877m	43.852	ng	
36) 4-Chloro-3-methylphenol	12.007	107	196190	43.967	ng	99
37) 2-Methylnaphthalene	12.383	142	324856	38.761	ng	99
38) 1-Methylnaphthalene	12.606	142	308918	39.008	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	178644	39.551	ng	99
41) Hexachlorocyclopentadiene	12.730	237	211482	87.096	ng	95
43) 2,4,6-Trichlorophenol	12.988	196	146197	43.910	ng	98

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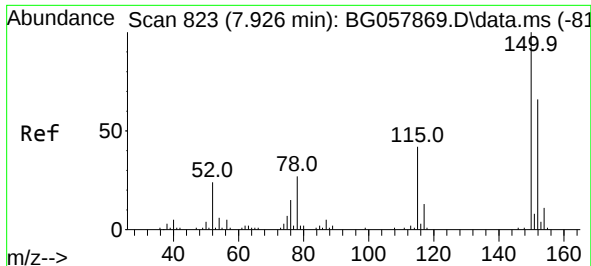
Quant Time: Jun 28 02:41:02 2023
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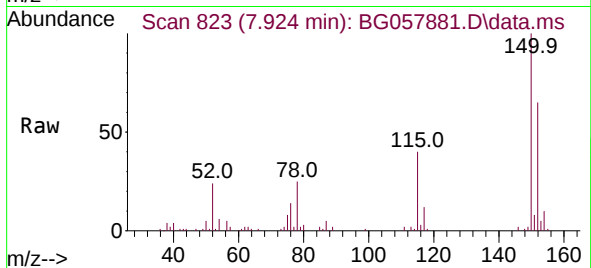
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	162436	40.991	ng	98
46) 1,1'-Biphenyl	13.394	154	441550	40.153	ng	99
47) 2-Chloronaphthalene	13.435	162	342932	40.607	ng	97
48) 2-Nitroaniline	13.640	65	141915	42.175	ng	93
49) Acenaphthylene	14.281	152	583615	39.406	ng	99
50) Dimethylphthalate	14.016	163	496592	38.808	ng	99
51) 2,6-Dinitrotoluene	14.134	165	110518	41.597	ng	98
52) Acenaphthene	14.622	154	341647	39.488	ng	98
53) 3-Nitroaniline	14.463	138	98202	32.513	ng	99
54) 2,4-Dinitrophenol	14.669	184	128583	87.601	ng	96
55) Dibenzofuran	14.957	168	574632	38.722	ng	99
56) 4-Nitrophenol	14.774	139	210605	85.049	ng	98
57) 2,4-Dinitrotoluene	14.921	165	160632	41.667	ng	97
58) Fluorene	15.609	166	462874	38.645	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	152687	42.504	ng	99
60) Diethylphthalate	15.380	149	522474	38.735	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	247638	38.546	ng	98
62) 4-Nitroaniline	15.632	138	122280	38.595	ng	98
63) Azobenzene	15.891	77	504300	39.097	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	94494	42.204	ng	98
66) n-Nitrosodiphenylamine	15.814	169	428550	40.360	ng	99
67) 4-Bromophenyl-phenylether	16.490	248	175829	40.034	ng	98
68) Hexachlorobenzene	16.608	284	194174	41.867	ng	99
69) Atrazine	16.760	200	182587	46.303	ng	98
70) Pentachlorophenol	16.954	266	262603	74.040	ng	100
71) Phenanthrene	17.348	178	787199	39.414	ng	100
72) Anthracene	17.436	178	803395	39.002	ng	98
73) Carbazole	17.706	167	781963	39.925	ng	99
74) Di-n-butylphthalate	18.264	149	945576	39.062	ng	100
75) Fluoranthene	19.357	202	959209	38.123	ng	99
77) Benzidine	19.534	184	401717	49.406	ng	99
78) Pyrene	19.716	202	978271	39.532	ng	100
80) Butylbenzylphthalate	20.603	149	406993	40.558	ng	97
81) Benzo(a)anthracene	21.537	228	970732	40.474	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	314880	36.897	ng	99
83) Chrysene	21.602	228	896174	39.476	ng	100
84) Bis(2-ethylhexyl)phtha...	21.449	149	570504	40.043	ng	99
85) Di-n-octyl phthalate	22.636	149	1038115	41.291	ng	97
87) Indeno(1,2,3-cd)pyrene	28.300	276	1203560	43.998	ng	# 95
88) Benzo(b)fluoranthene	23.705	252	1022981	45.421	ng	100
89) Benzo(k)fluoranthene	23.776	252	999723	43.920	ng	99
90) Benzo(a)pyrene	24.557	252	906276	40.622	ng	99
91) Dibenzo(a,h)anthracene	28.364	278	1008052	44.424	ng	99
92) Benzo(g,h,i)perylene	29.422	276	991381	43.961	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

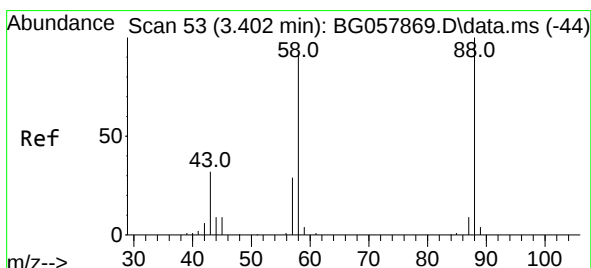
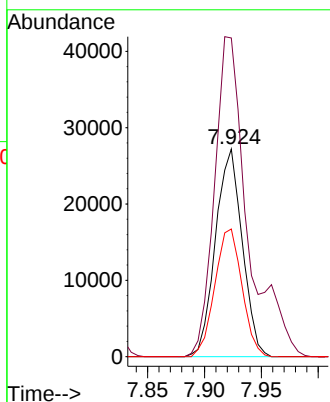
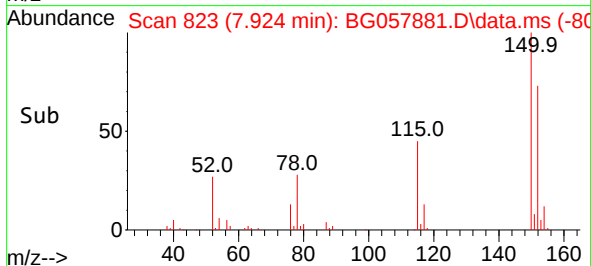
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion:152 Resp: 4458
Ion Ratio Lower Upper
152 100
150 153.5 122.0 183.0
115 61.5 50.7 76.1

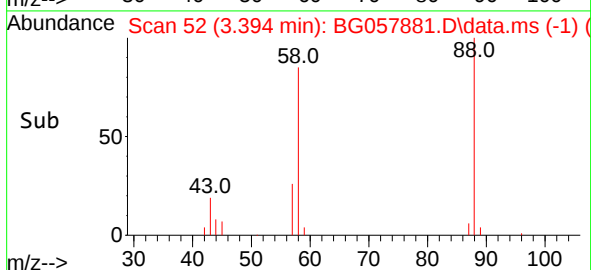
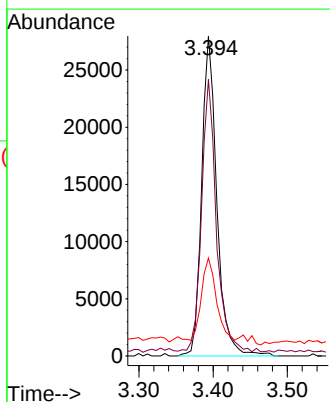
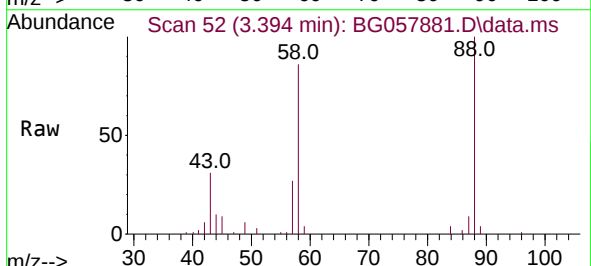
Manual Integrations
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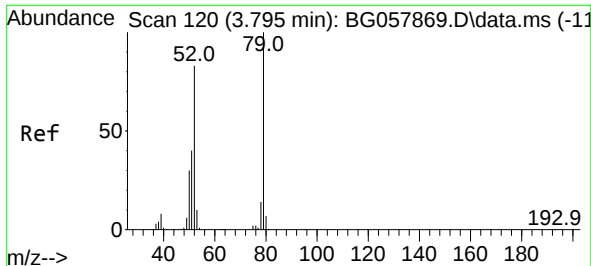
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#2
1,4-Dioxane
Concen: 29.855 ng
RT: 3.394 min Scan# 52
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion: 88 Resp: 39873
Ion Ratio Lower Upper
88 100
58 82.4 70.7 106.1
43 24.8 22.9 34.3





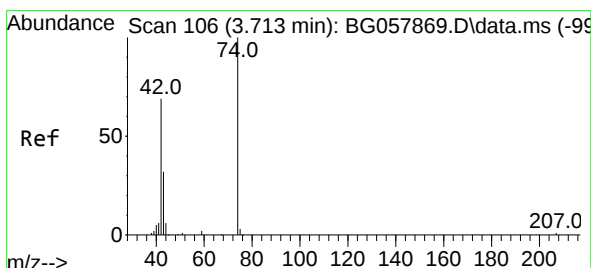
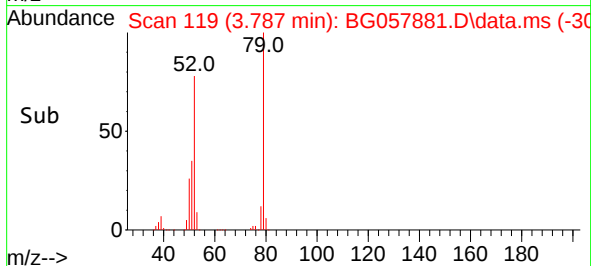
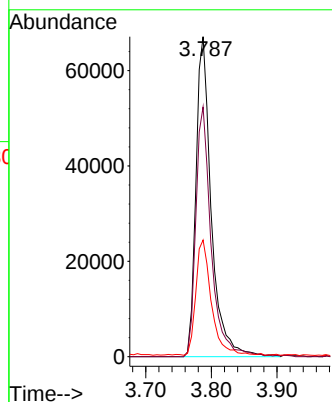
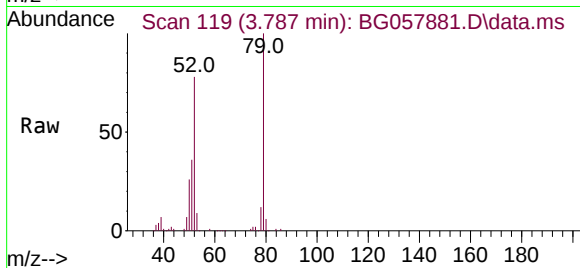
#3
Pyridine
Concen: 28.261 ng
RT: 3.787 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :
BNA_G
ClientSampleId :
PB153721BS

Tgt Ion: 79 Resp: 10891
Ion Ratio Lower Upper
79 100
52 78.0 66.6 99.8
51 36.5 32.2 48.2

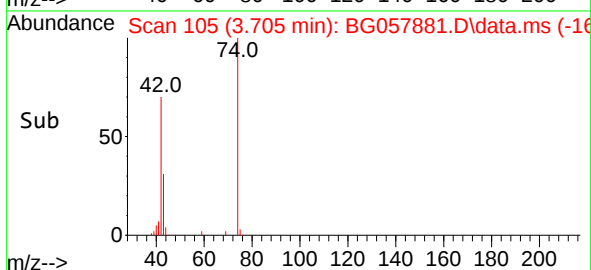
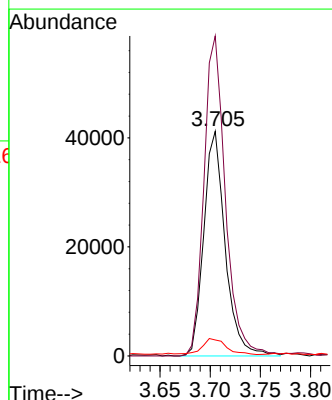
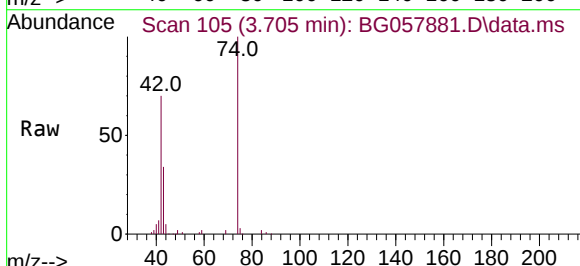
Manual Integrations
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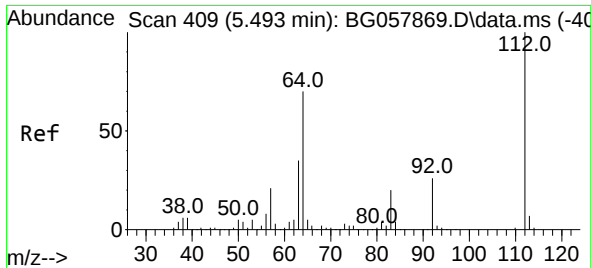
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#4
n-Nitrosodimethylamine
Concen: 38.625 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion: 42 Resp: 61357
Ion Ratio Lower Upper
42 100
74 142.4 116.2 174.2
44 7.1 7.3 10.9#





#5
2-Fluorophenol
Concen: 133.867 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

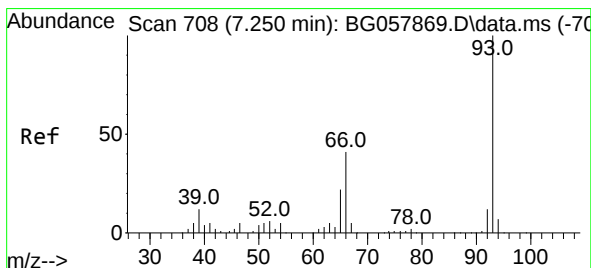
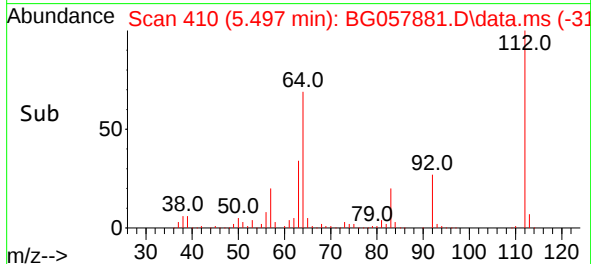
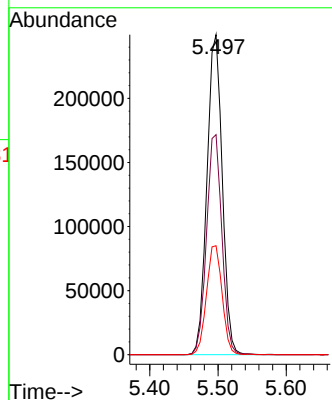
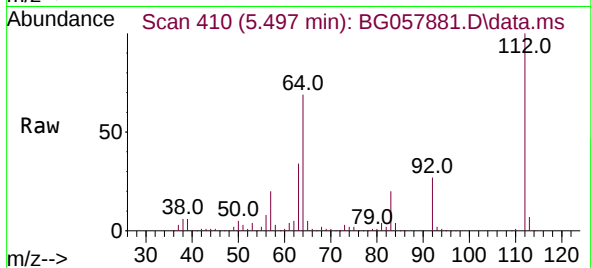
PB153721BS

Tgt Ion:112 Resp: 390060
Ion Ratio Lower Upper
112 100
64 68.8 55.8 83.6
63 34.1 27.9 41.9

Manual Integrations

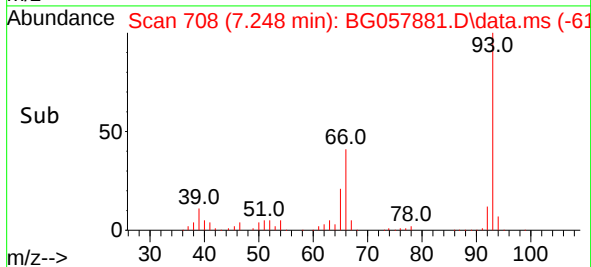
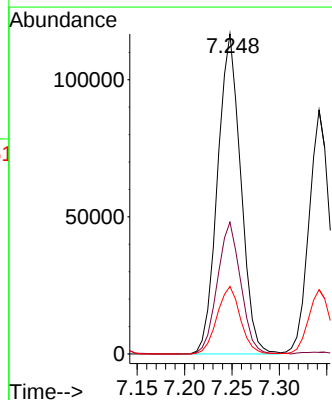
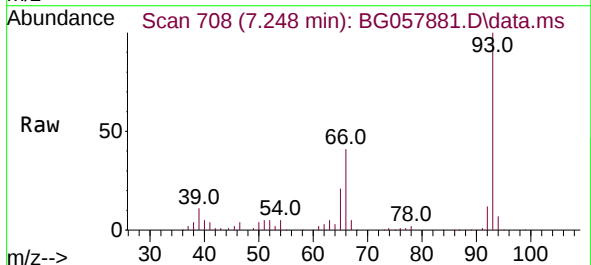
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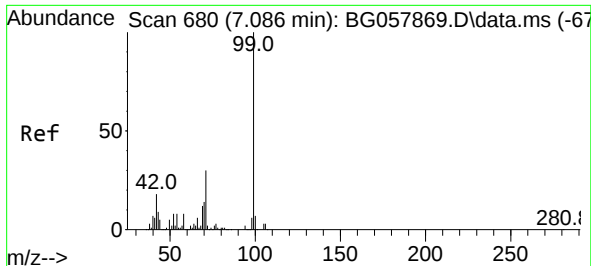
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 36.479 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

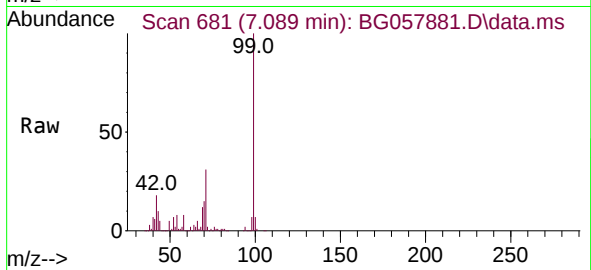
Tgt Ion: 93 Resp: 198558
Ion Ratio Lower Upper
93 100
66 41.2 32.8 49.2
65 21.1 17.7 26.5





#7
Phenol-d6
Concen: 131.167 ng
RT: 7.089 min Scan# 680
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

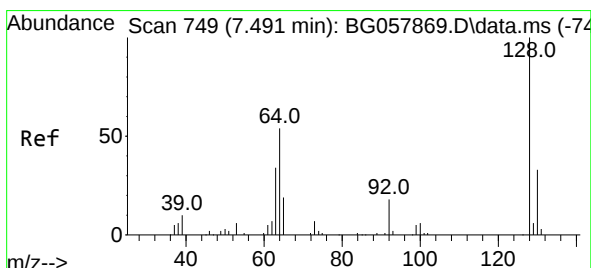
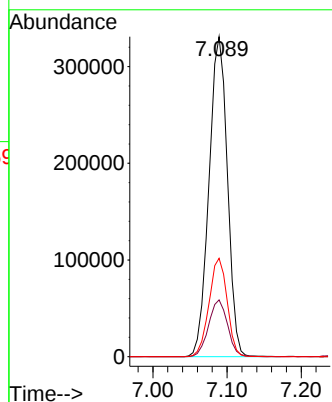
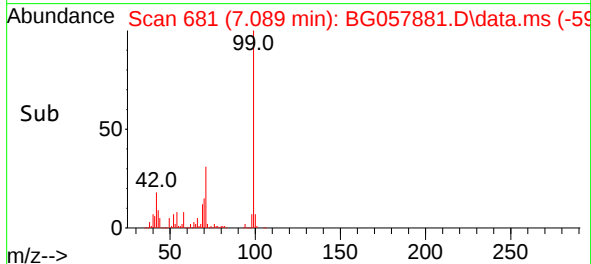
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion: 99 Resp: 571518
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 30.7 23.9 35.9

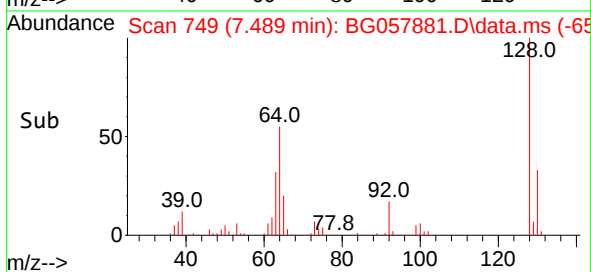
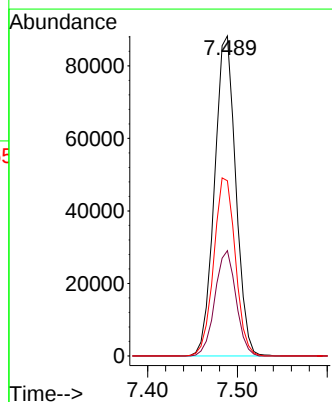
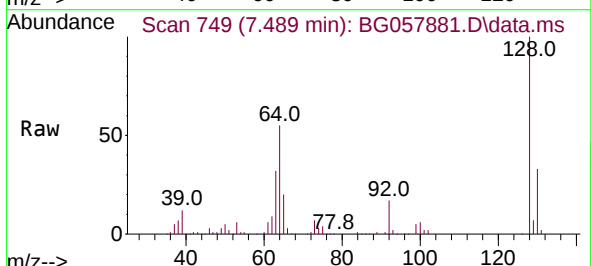
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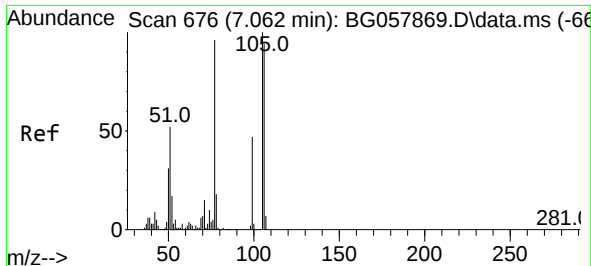
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#8
2-Chlorophenol
Concen: 49.478 ng
RT: 7.489 min Scan# 749
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

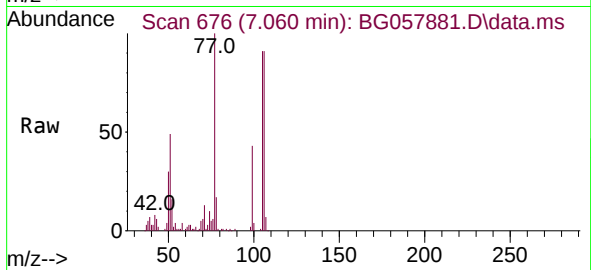
Tgt Ion:128 Resp: 144727
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 54.7 37.1 77.1





#9
Benzaldehyde
Concen: 31.095 ng m
RT: 7.060 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

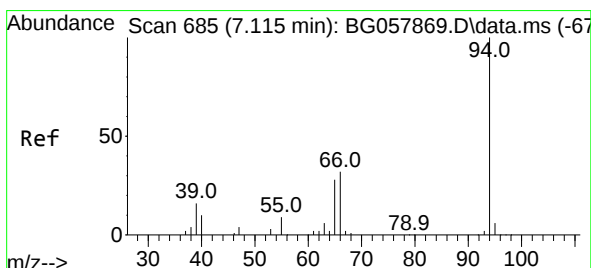
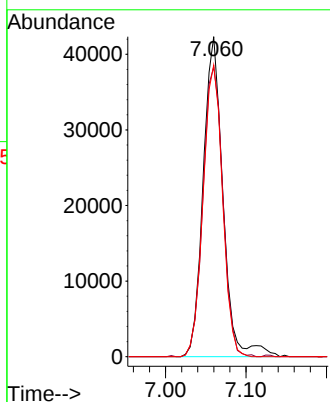
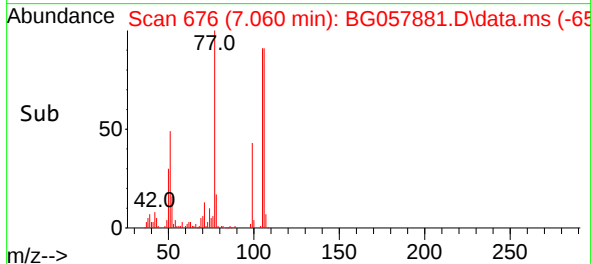
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion: 77 Resp: 72179
Ion Ratio Lower Upper
77 100
105 90.6 83.7 123.7
106 91.1 77.4 117.4

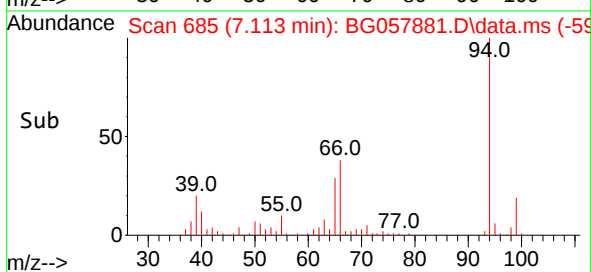
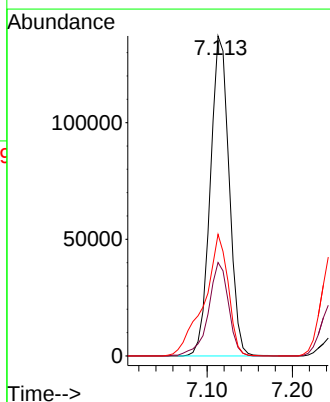
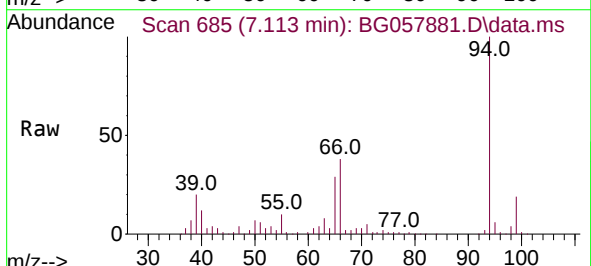
Manual Integrations
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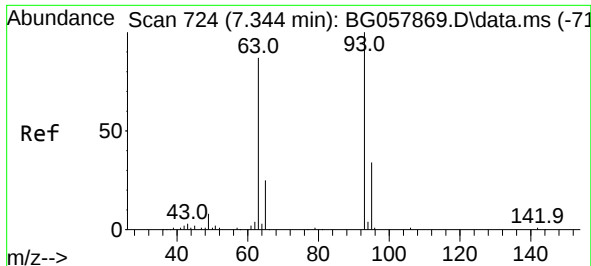
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#10
Phenol
Concen: 49.697 ng
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion: 94 Resp: 210419
Ion Ratio Lower Upper
94 100
65 29.2 7.8 47.8
66 38.0 13.6 53.6





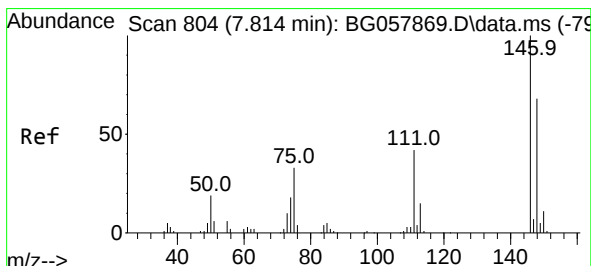
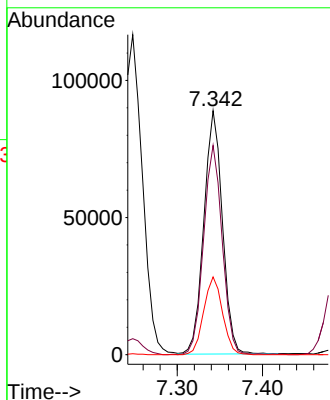
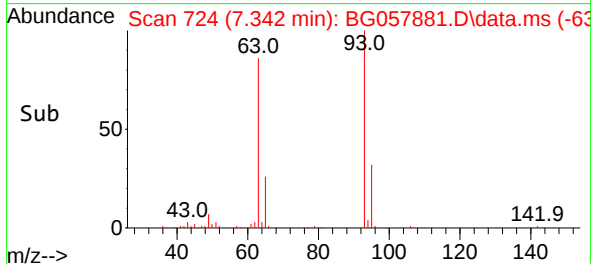
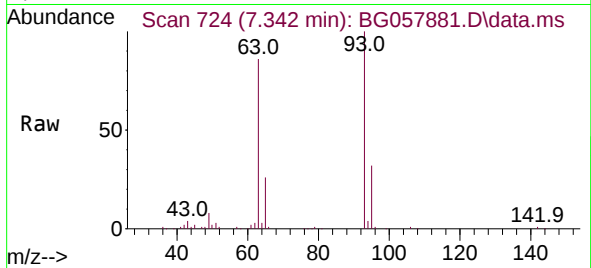
#11
bis(2-Chloroethyl)ether
Concen: 42.101 ng
RT: 7.342 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :
BNA_G
ClientSampleId :
PB153721BS

Tgt Ion: 93 Resp: 13439
Ion Ratio Lower Upper
93 100
63 85.8 66.9 106.9
95 31.9 13.6 53.6

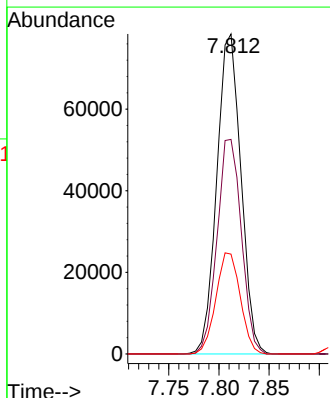
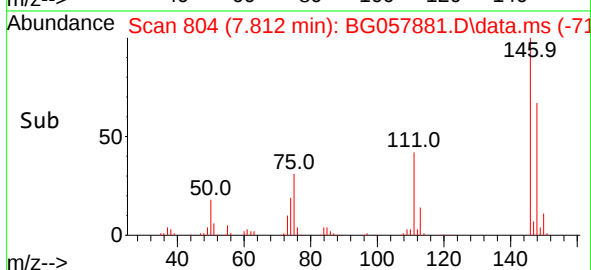
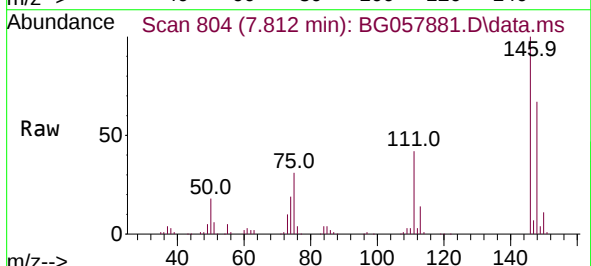
Manual Integrations
APPROVED

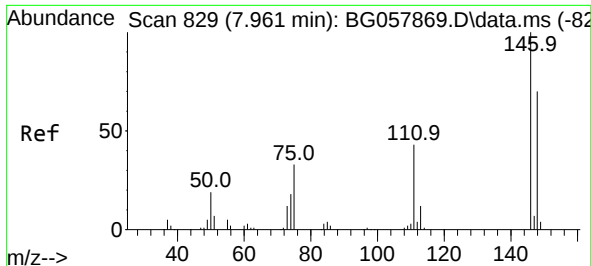
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#12
1,3-Dichlorobenzene
Concen: 43.527 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:146 Resp: 130960
Ion Ratio Lower Upper
146 100
148 67.1 54.5 81.7
75 31.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 43.518 ng

RT: 7.959 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

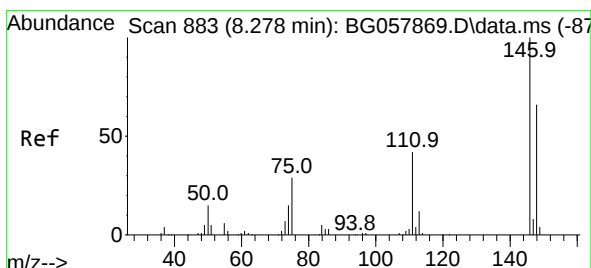
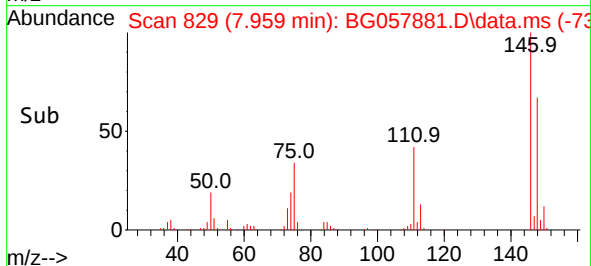
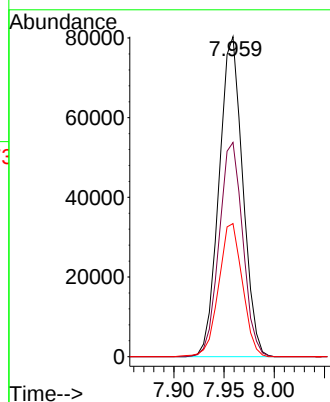
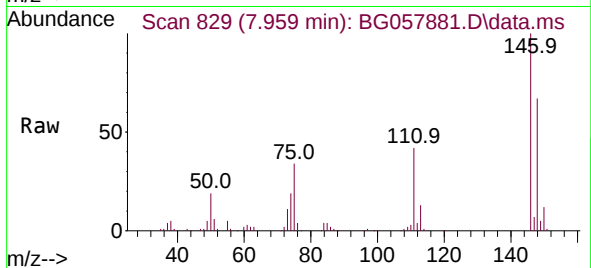
PB153721BS

Tgt Ion:146 Resp: 131514
 Ion Ratio Lower Upper
 146 100
 148 67.0 55.7 83.5
 111 41.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#14

1,2-Dichlorobenzene

Concen: 44.542 ng

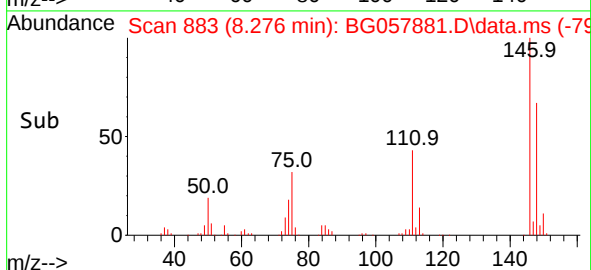
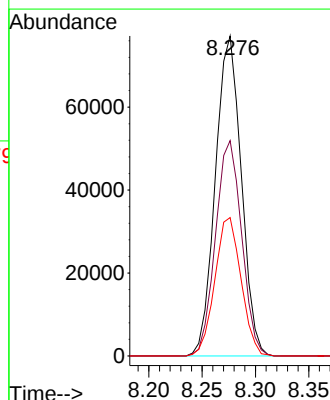
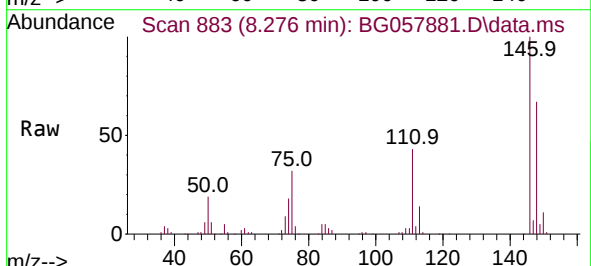
RT: 8.276 min Scan# 883

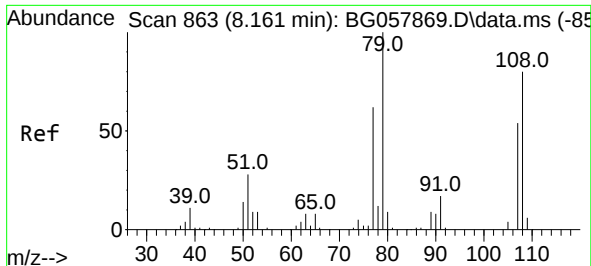
Delta R.T. -0.002 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Tgt Ion:146 Resp: 130269
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.0 79.6
 111 43.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.810 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

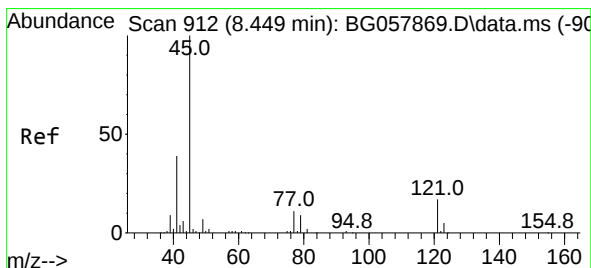
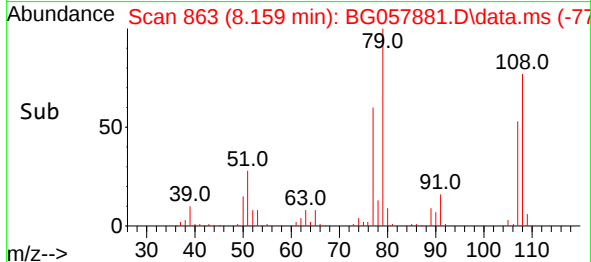
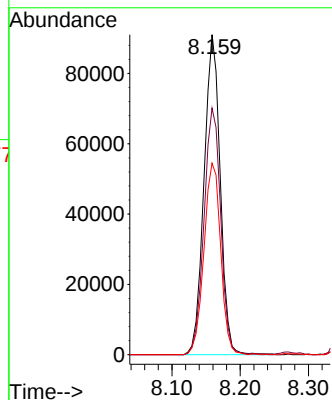
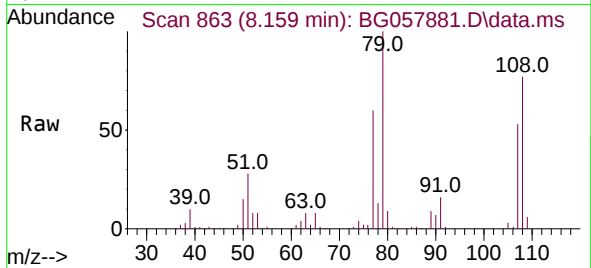
ClientSampleId :

PB153721BS

Tgt Ion: 79 Resp: 15027
Ion Ratio Lower Upper
79 100
108 77.1 64.0 96.0
77 59.8 49.6 74.4

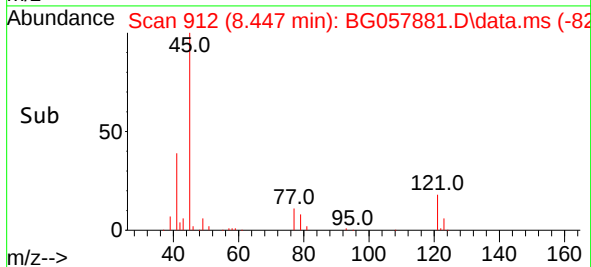
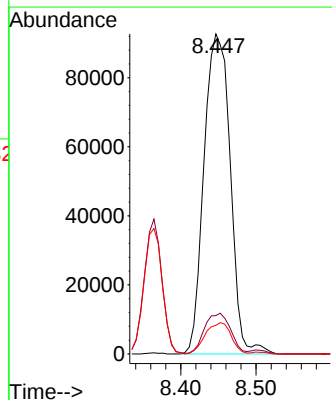
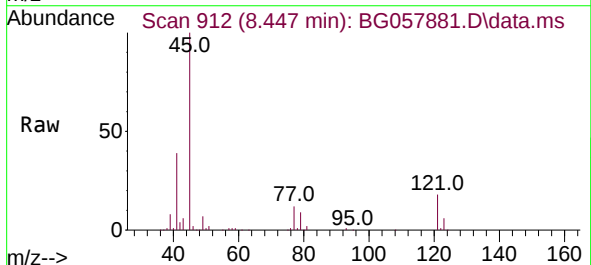
Manual Integrations
APPROVED

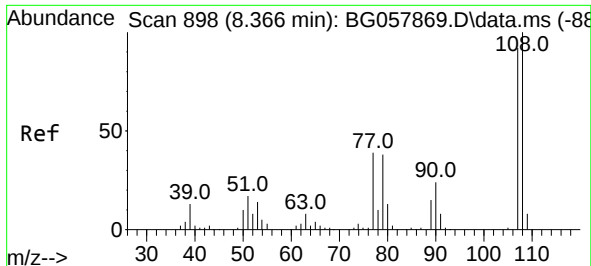
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.358 ng m
RT: 8.447 min Scan# 912
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion: 45 Resp: 225148
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.1
79 8.9 0.0 29.8





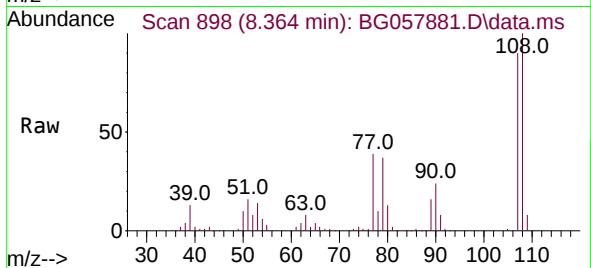
#17
2-Methylphenol
Concen: 46.080 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

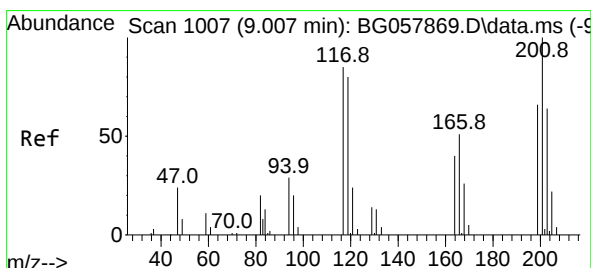
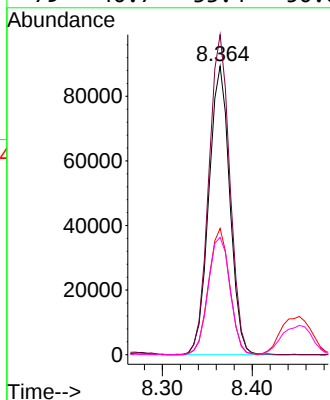
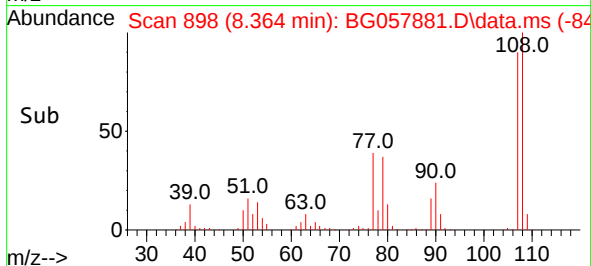


Tgt Ion:107 Resp: 14464
Ion Ratio Lower Upper
107 100
108 110.9 87.2 130.8
77 43.7 34.2 51.4
79 40.7 33.4 50.0

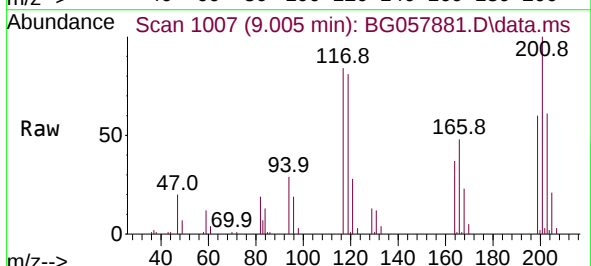
Manual Integrations

APPROVED

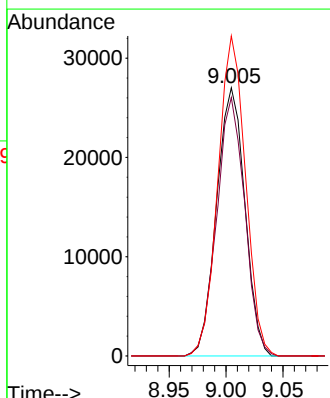
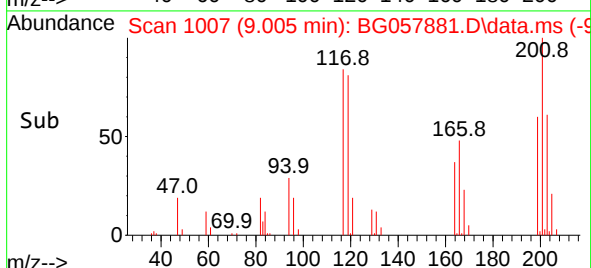
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

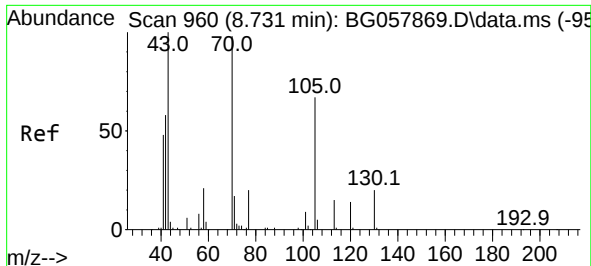


#18
Hexachloroethane
Concen: 44.408 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:117 Resp: 46764
Ion Ratio Lower Upper
117 100
119 96.4 74.7 112.1
201 119.3 93.9 140.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.952 ng
RT: 8.729 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

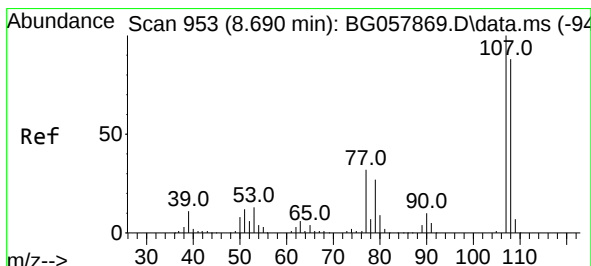
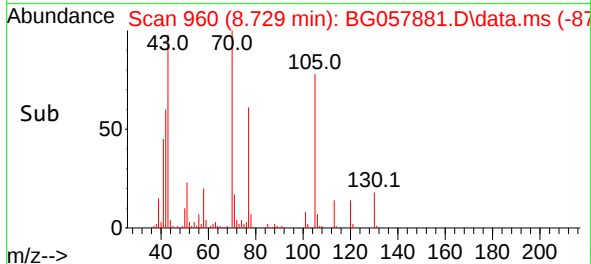
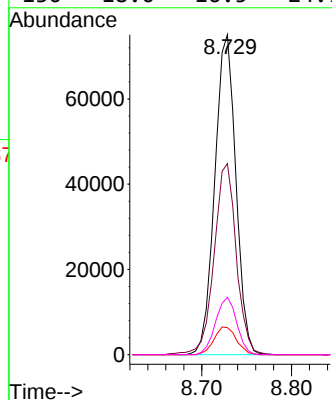
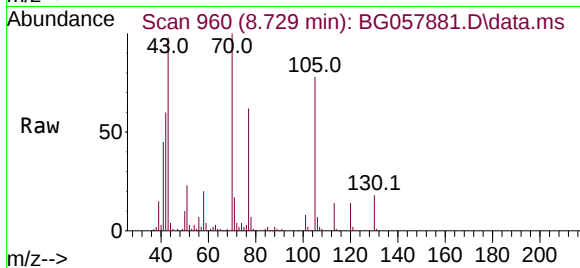
PB153721BS

Tgt Ion: 70 Resp: 122314
Ion Ratio Lower Upper
70 100
42 59.7 48.4 72.6
101 8.4 7.2 10.8
130 18.0 16.5 24.7

Manual Integrations

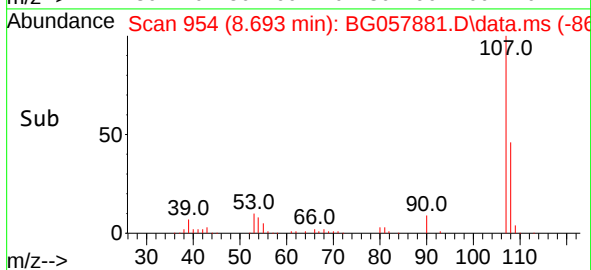
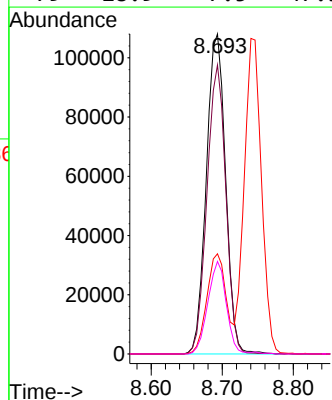
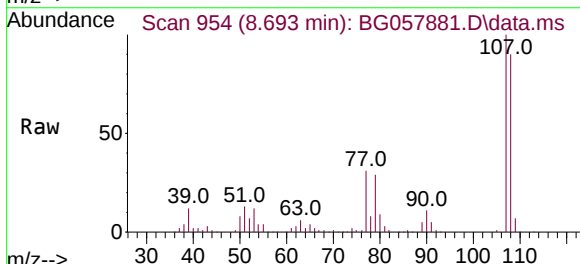
APPROVED

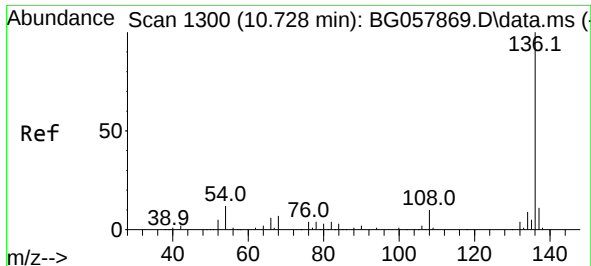
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#20
3+4-Methylphenols
Concen: 46.530 ng
RT: 8.693 min Scan# 954
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:107 Resp: 203494
Ion Ratio Lower Upper
107 100
108 90.3 67.7 107.7
77 31.3 11.8 51.8
79 28.9 7.5 47.5





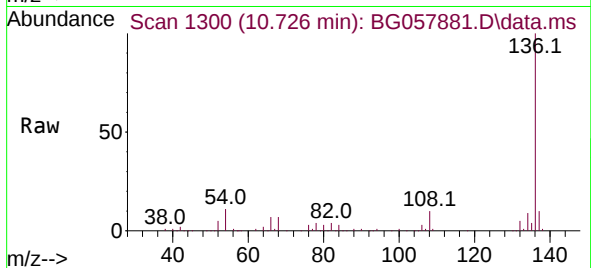
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS



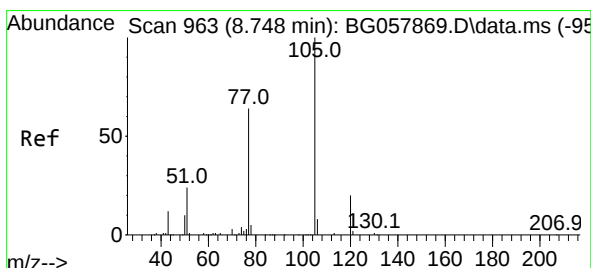
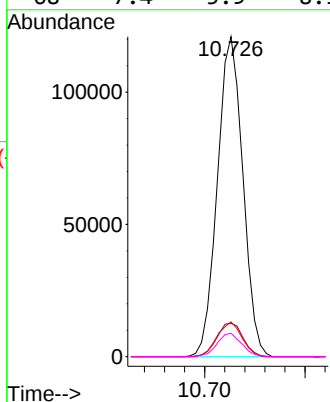
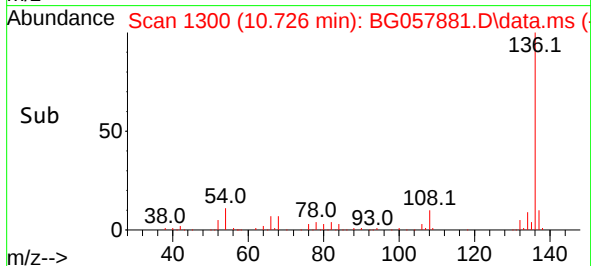
Tgt Ion:136 Resp: 212990
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 10.9 9.3 13.9
68 7.4 5.9 8.9

Manual Integrations

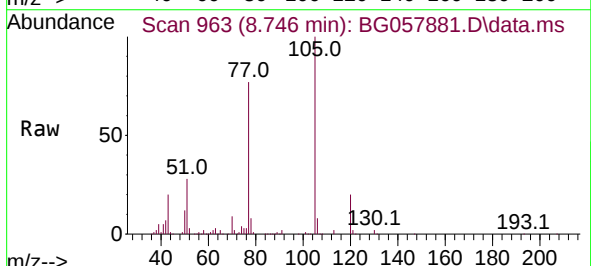
APPROVED

Reviewed By :Yogesh Patel 06/29/2023

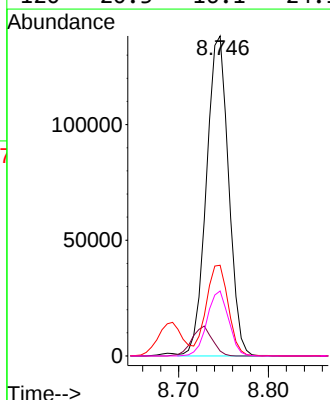
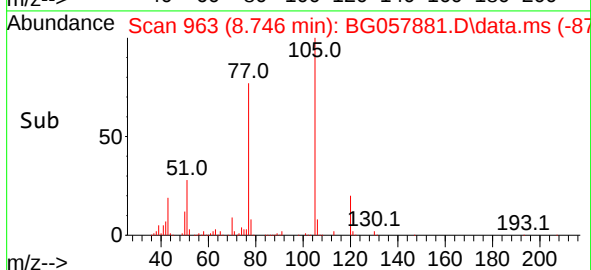
Supervised By :mohammad ahmed 06/29/2023

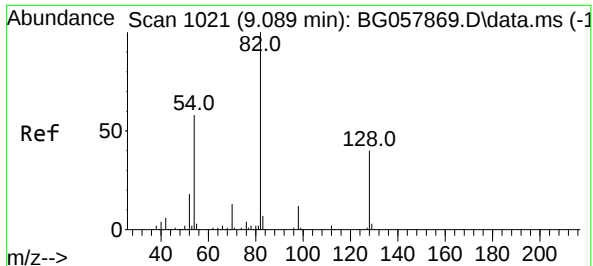


#22
Acetophenone
Concen: 39.986 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:105 Resp: 237024
Ion Ratio Lower Upper
105 100
71 1.5 1.1 1.7
51 28.3 23.0 34.6
120 20.3 16.1 24.1





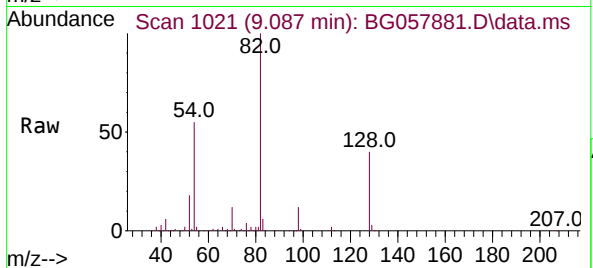
#23
Nitrobenzene-d5
Concen: 75.635 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

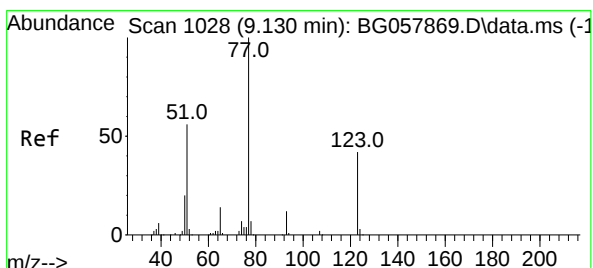
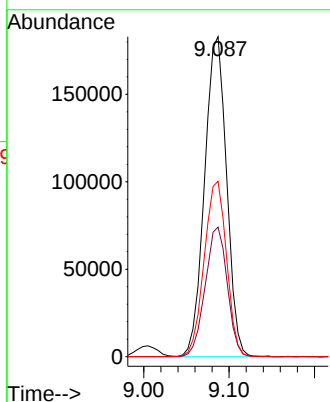
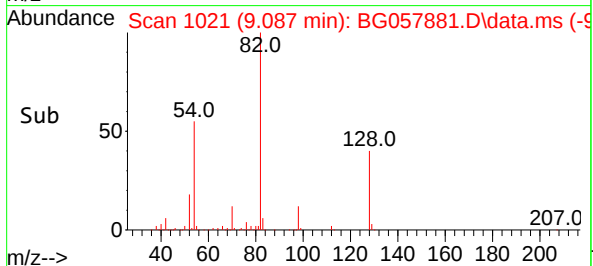


Tgt Ion: 82 Resp: 328714
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.4
54 54.8 46.1 69.1

Manual Integrations

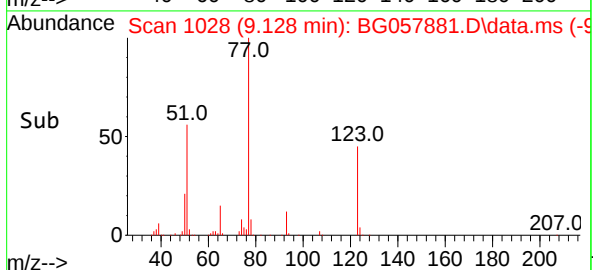
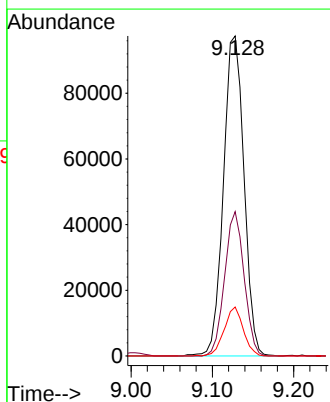
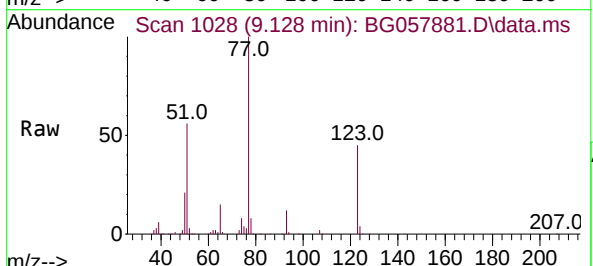
APPROVED

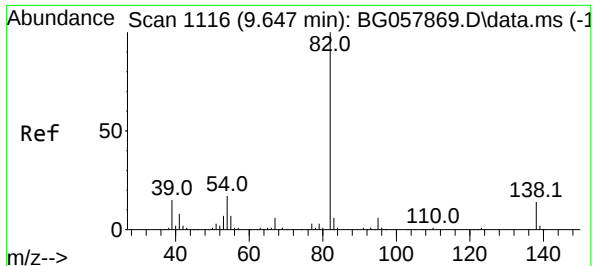
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#24
Nitrobenzene
Concen: 39.298 ng
RT: 9.128 min Scan# 1028
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

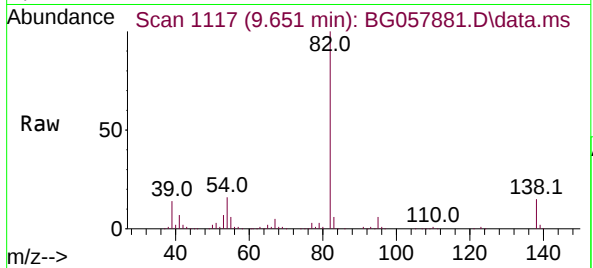
Tgt Ion: 77 Resp: 171428
Ion Ratio Lower Upper
77 100
123 45.1 33.6 50.4
65 15.3 11.4 17.0





#25
Isophorone
Concen: 38.740 ng
RT: 9.651 min Scan# 1116
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

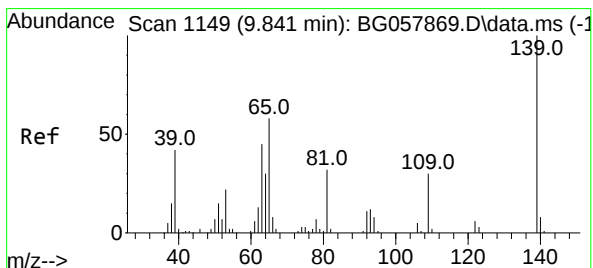
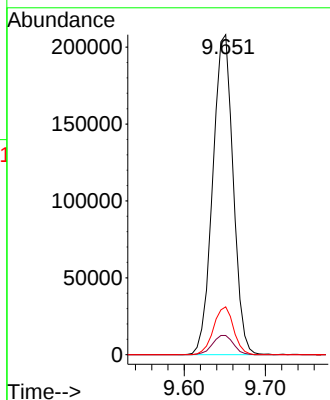
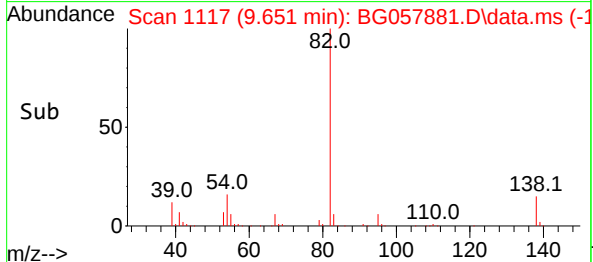
Instrument :
BNA_G
ClientSampleId :
PB153721BS



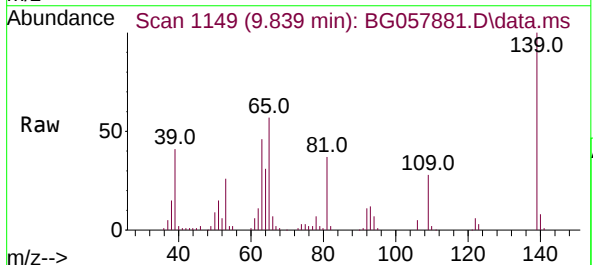
Tgt Ion: 82 Resp: 363520
Ion Ratio Lower Upper
82 100
95 6.0 5.0 7.6
138 14.9 11.3 16.9

Manual Integrations
APPROVED

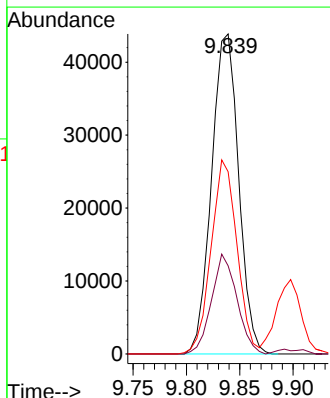
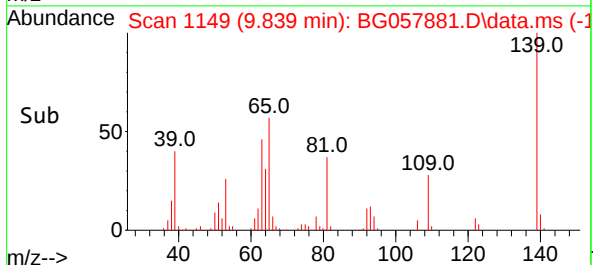
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

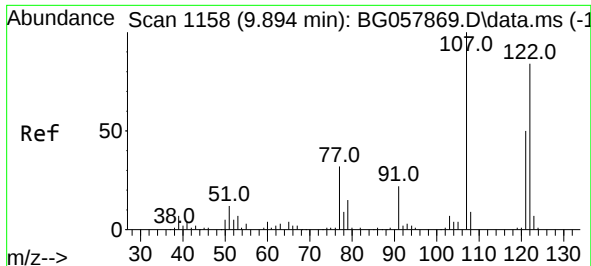


#26
2-Nitrophenol
Concen: 43.592 ng
RT: 9.839 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:139 Resp: 77487
Ion Ratio Lower Upper
139 100
109 27.6 23.7 35.5
65 56.9 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 44.858 ng

RT: 9.898 min Scan# 1158

Delta R.T. 0.004 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

Tgt Ion:122 Resp: 153738

Ion Ratio Lower Upper

122 100

107 123.8 94.9 142.3

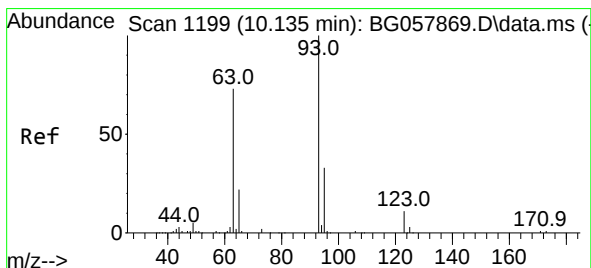
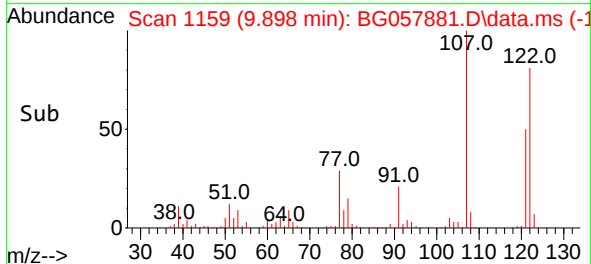
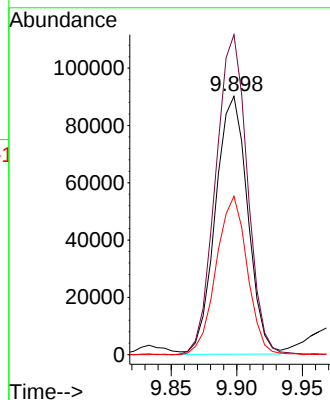
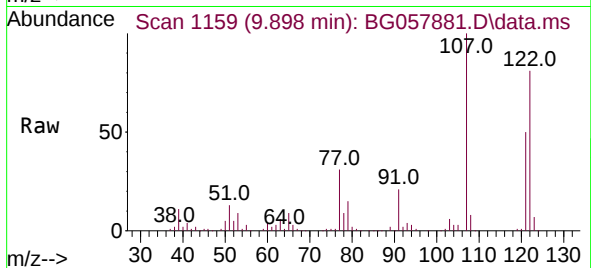
121 61.3 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.666 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.002 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

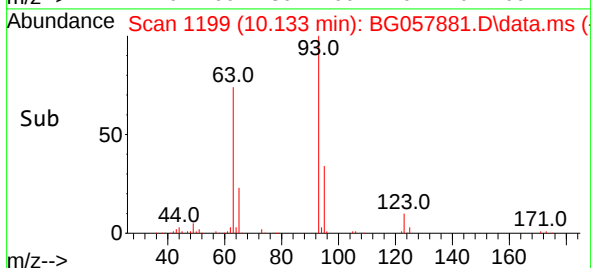
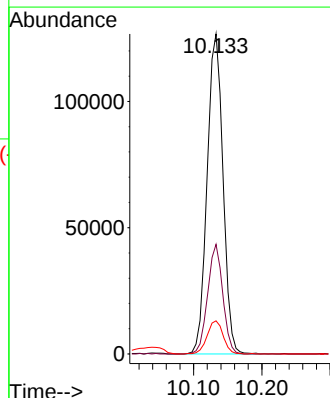
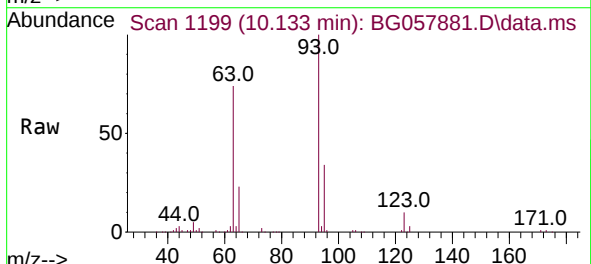
Tgt Ion: 93 Resp: 205064

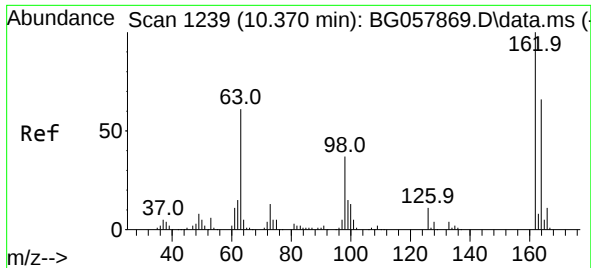
Ion Ratio Lower Upper

93 100

95 34.2 26.0 39.0

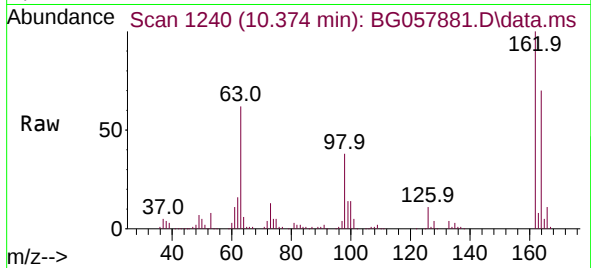
123 10.3 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 45.994 ng
RT: 10.374 min Scan# 1239
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

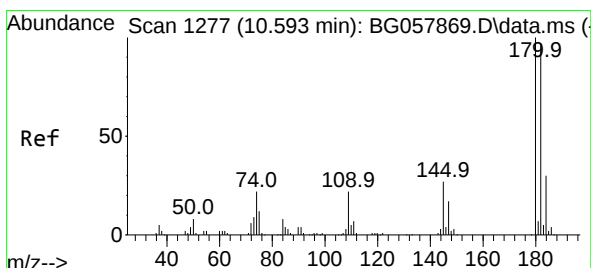
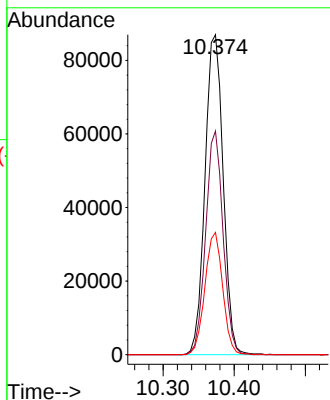
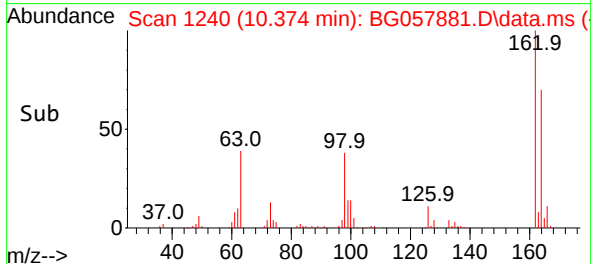
Instrument :
BNA_G
ClientSampleId :
PB153721BS



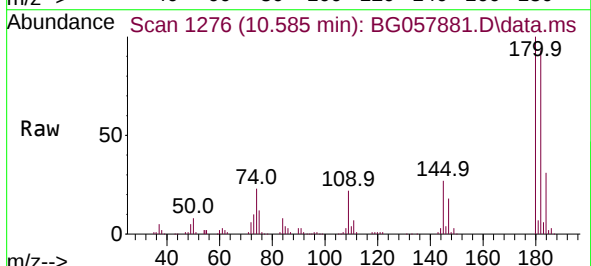
Tgt Ion:162 Resp: 154590
Ion Ratio Lower Upper
162 100
164 69.9 46.1 86.1
98 38.2 16.8 56.8

Manual Integrations
APPROVED

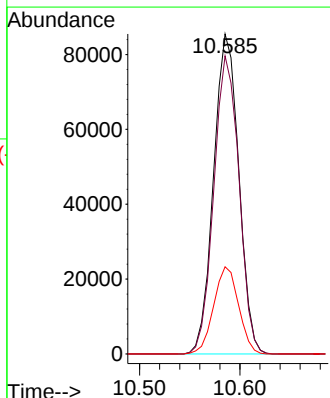
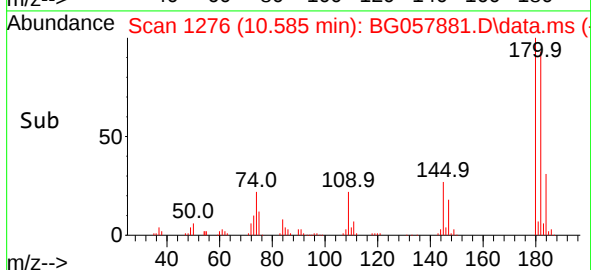
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

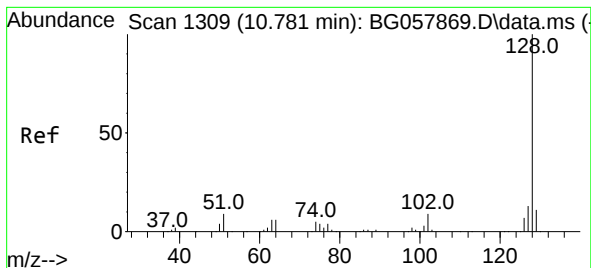


#30
1,2,4-Trichlorobenzene
Concen: 41.148 ng
RT: 10.585 min Scan# 1276
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



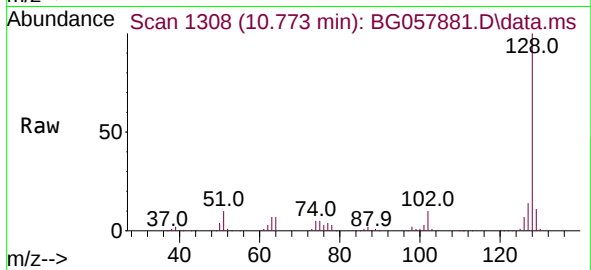
Tgt Ion:180 Resp: 148893
Ion Ratio Lower Upper
180 100
182 93.1 77.2 115.8
145 27.2 21.7 32.5





#31
Naphthalene
Concen: 39.281 ng
RT: 10.773 min Scan# 1185
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

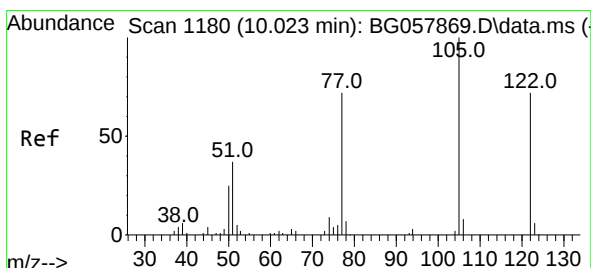
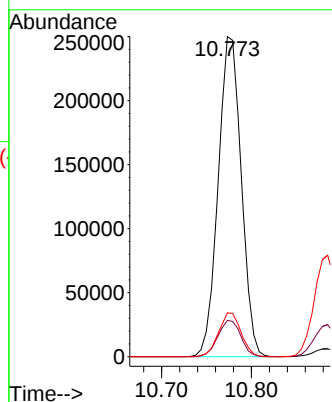
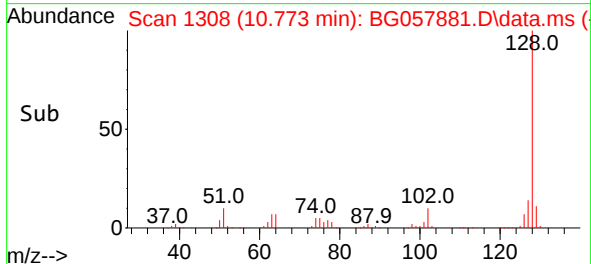
Instrument :
BNA_G
ClientSampleId :
PB153721BS



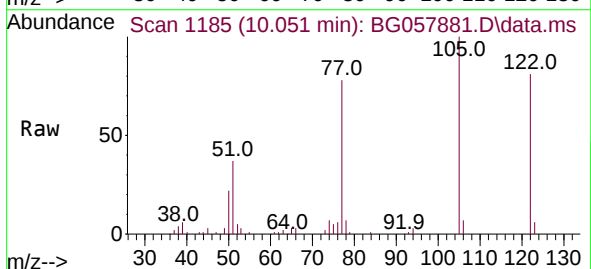
Tgt Ion:128 Resp: 446600
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.7 10.3 15.5

Manual Integrations
APPROVED

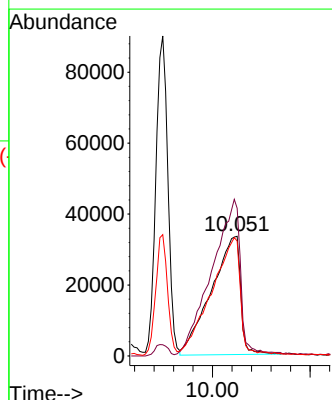
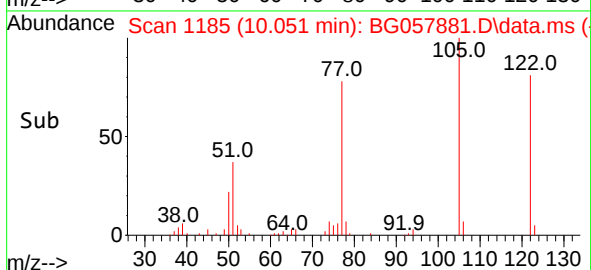
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

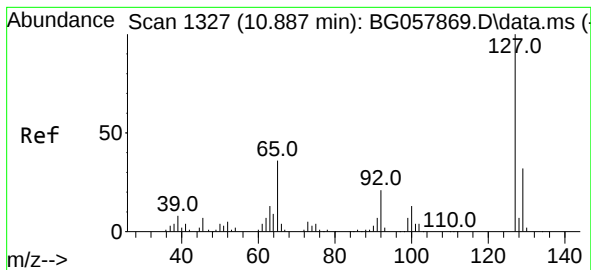


#32
Benzoic acid
Concen: 52.001 ng
RT: 10.051 min Scan# 1185
Delta R.T. 0.028 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:122 Resp: 139392
Ion Ratio Lower Upper
122 100
105 123.4 115.4 155.4
77 96.0 78.7 118.7





#33
4-Chloroaniline
Concen: 26.729 ng
RT: 10.885 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

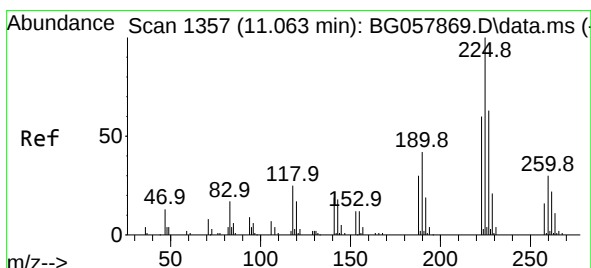
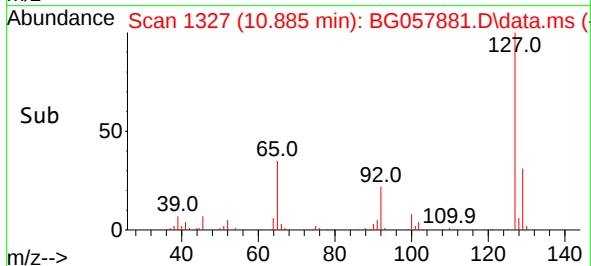
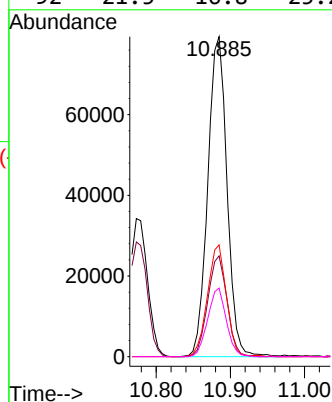
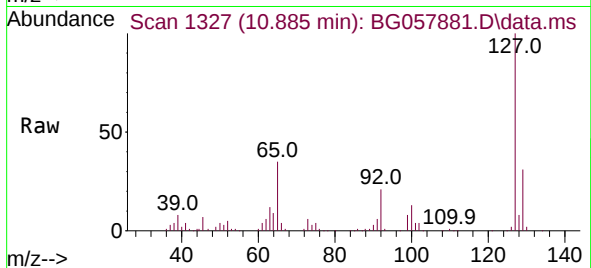
PB153721BS

Tgt Ion:127 Resp: 142980
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.6
65 34.9 28.7 43.1
92 21.5 16.8 25.2

Manual Integrations

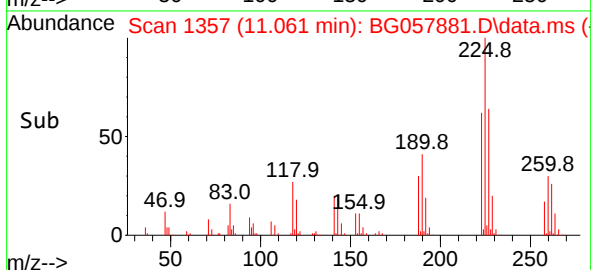
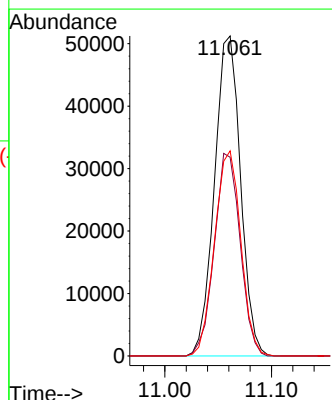
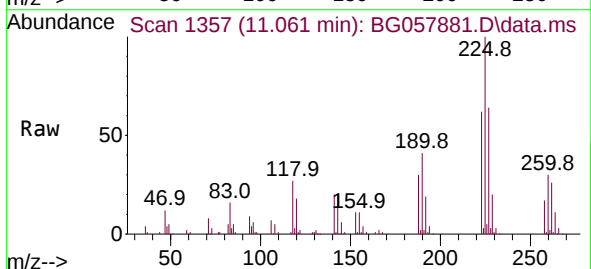
APPROVED

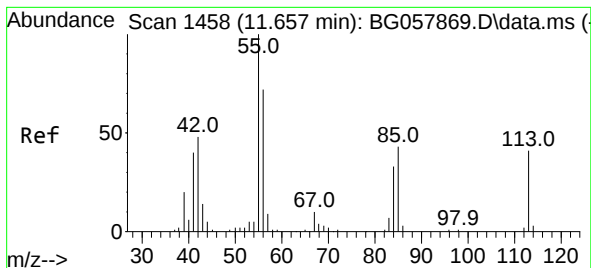
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#34
Hexachlorobutadiene
Concen: 38.971 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:225 Resp: 86974
Ion Ratio Lower Upper
225 100
223 62.1 48.0 72.0
227 64.1 50.2 75.4





#35

Caprolactam

Concen: 43.852 ng m

RT: 11.666 min Scan# 14

Delta R.T. 0.010 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

Tgt Ion:113 Resp: 6387

Ion Ratio Lower Upper

113 100

55 228.5 224.7 264.7

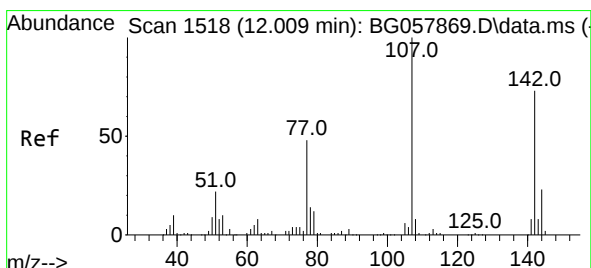
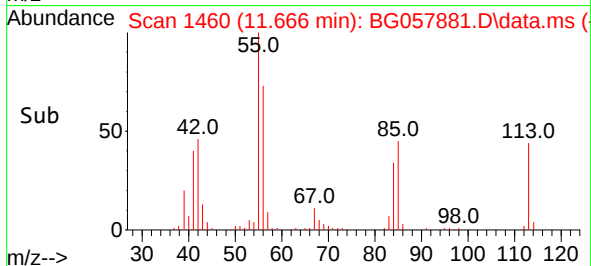
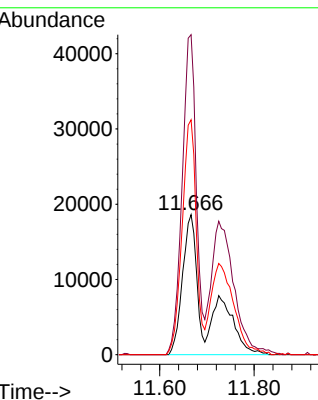
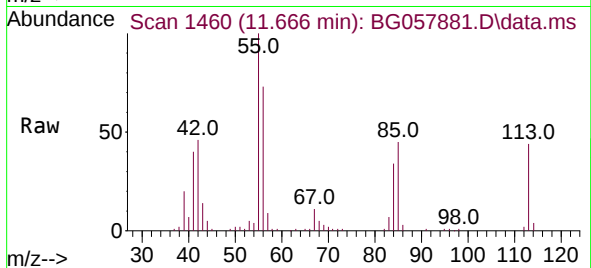
56 167.7 155.9 195.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#36

4-Chloro-3-methylphenol

Concen: 43.967 ng

RT: 12.007 min Scan# 1518

Delta R.T. -0.002 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

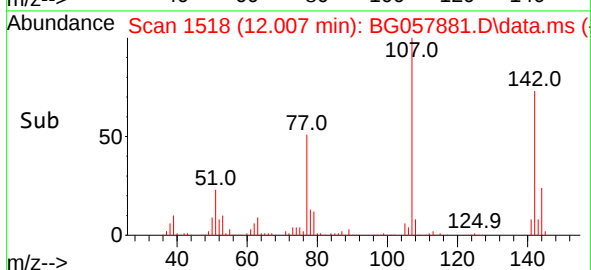
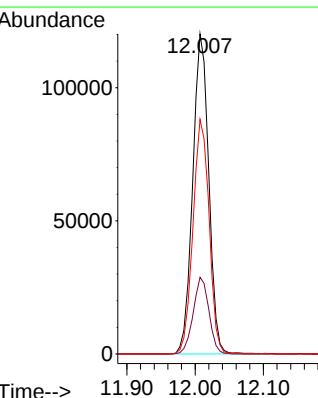
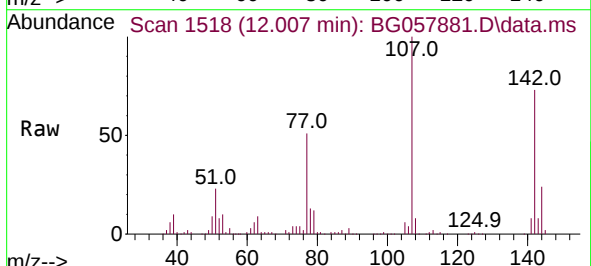
Tgt Ion:107 Resp: 196190

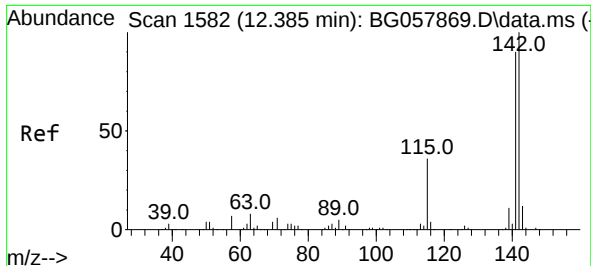
Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.4

142 73.3 58.2 87.4





#37
2-Methylnaphthalene
Concen: 38.761 ng
RT: 12.383 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

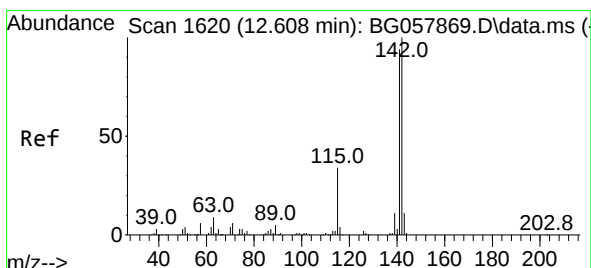
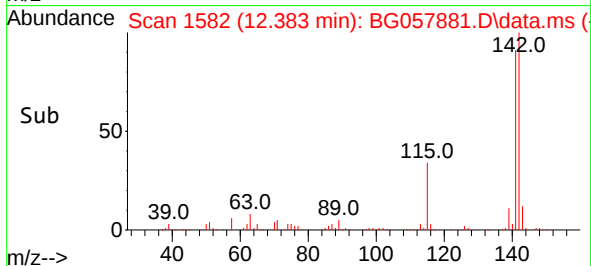
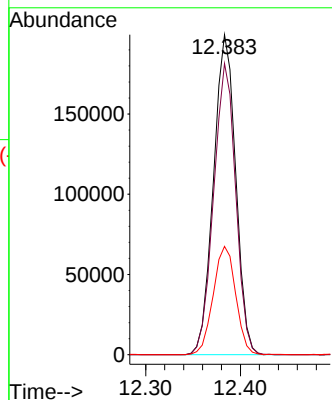
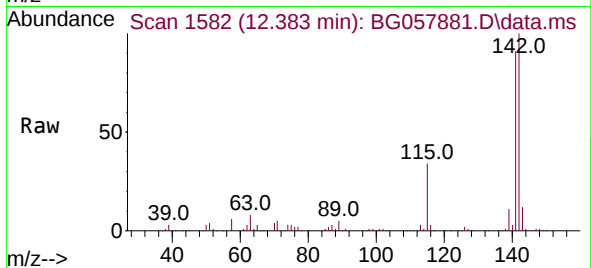
PB153721BS

Tgt Ion:142 Resp: 324850
Ion Ratio Lower Upper
142 100
141 91.0 72.4 108.6
115 33.8 28.6 42.8

Manual Integrations

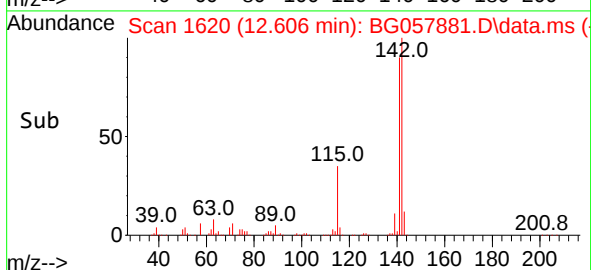
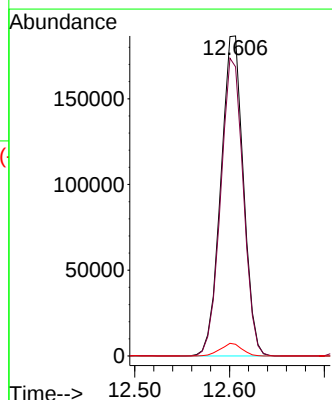
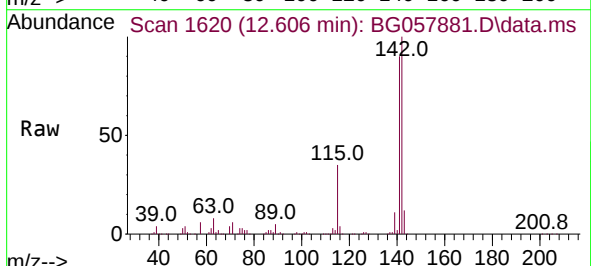
APPROVED

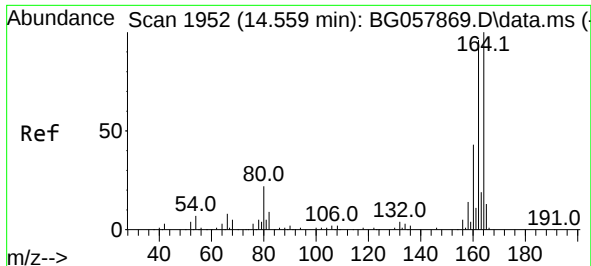
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#38
1-Methylnaphthalene
Concen: 39.008 ng
RT: 12.606 min Scan# 1620
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:142 Resp: 308918
Ion Ratio Lower Upper
142 100
141 90.4 74.8 112.2
116 3.7 3.0 4.6





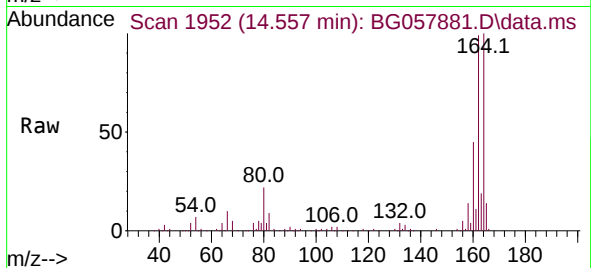
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

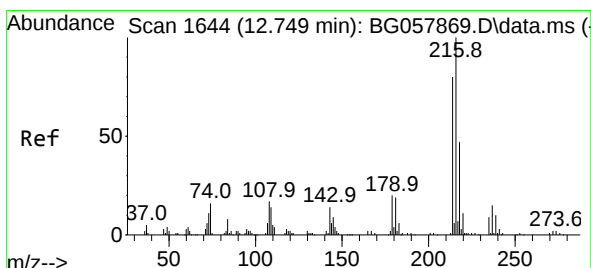
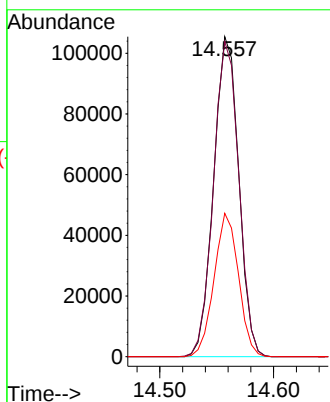
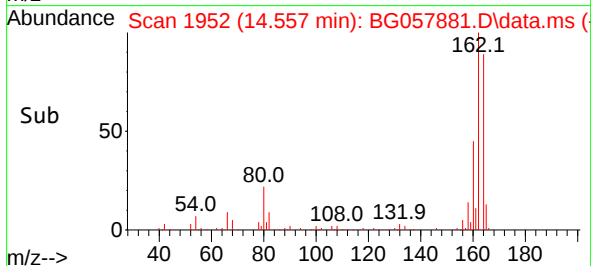


Tgt Ion:164 Resp: 16144
Ion Ratio Lower Upper
164 100
162 98.5 76.4 114.6
160 44.8 34.2 51.2

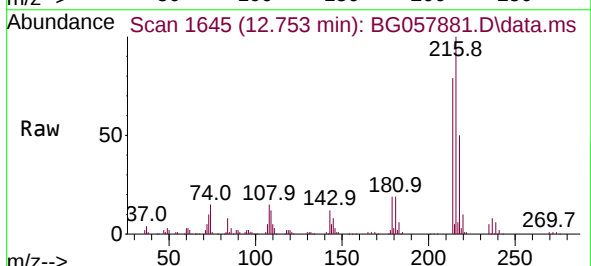
Manual Integrations

APPROVED

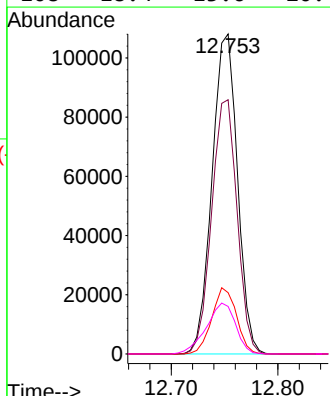
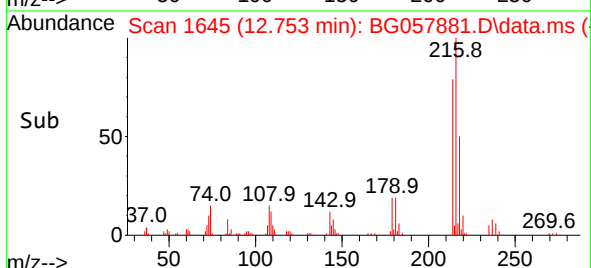
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

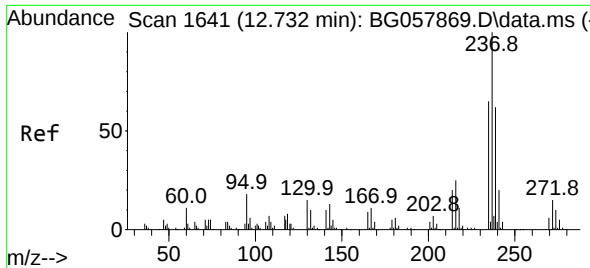


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.551 ng
RT: 12.753 min Scan# 1645
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:216 Resp: 178644
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.4
179 20.1 16.1 24.1
108 18.4 13.6 20.4





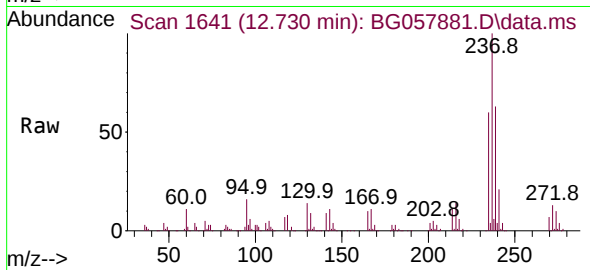
#41
Hexachlorocyclopentadiene
Concen: 87.096 ng
RT: 12.730 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

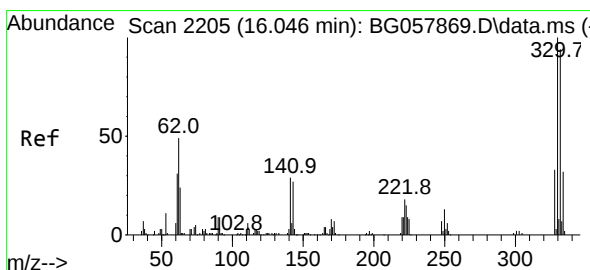
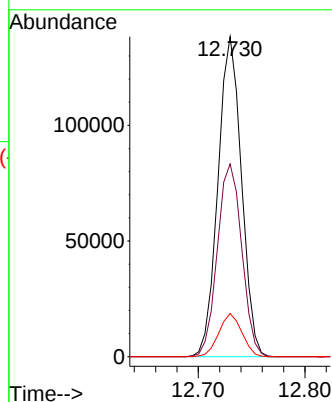
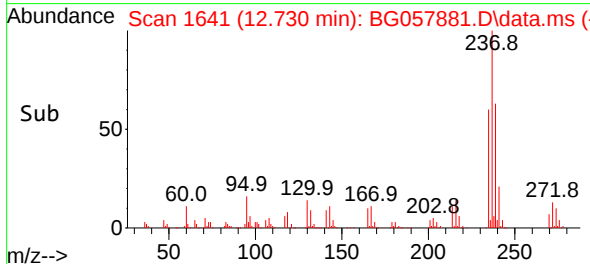
PB153721BS



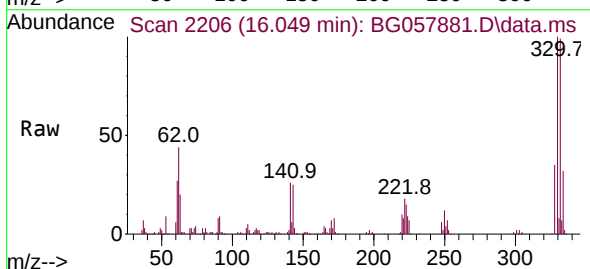
Tgt Ion:237 Resp: 21148
Ion Ratio Lower Upper
237 100
235 60.2 44.7 84.7
272 13.5 0.0 34.7

Manual Integrations
APPROVED

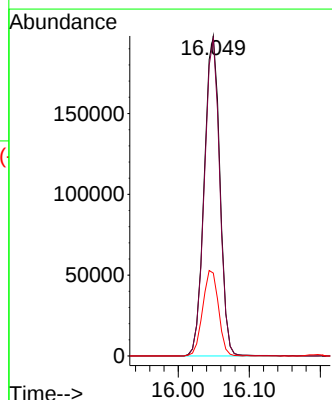
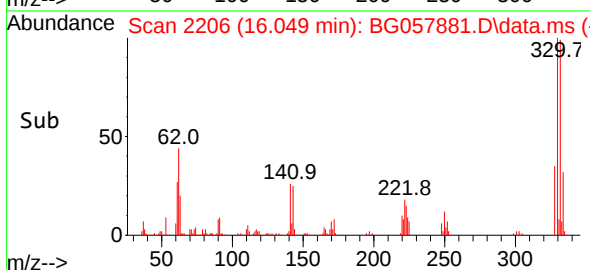
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

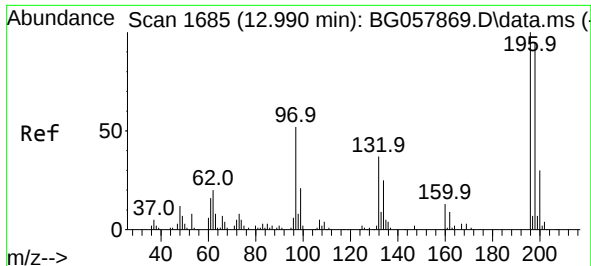


#42
2,4,6-Tribromophenol
Concen: 111.588 ng
RT: 16.049 min Scan# 2206
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:330 Resp: 302588
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 27.0 22.2 33.4





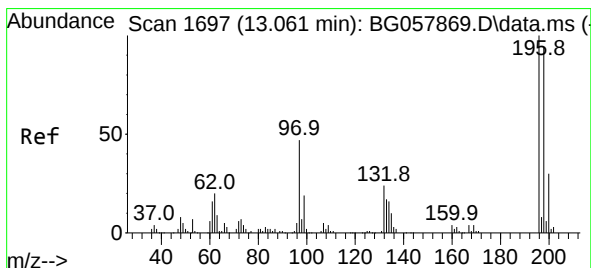
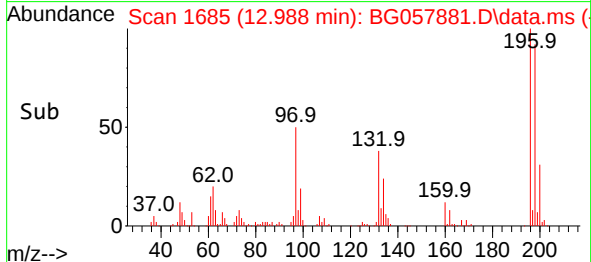
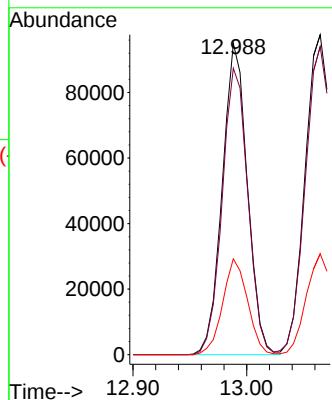
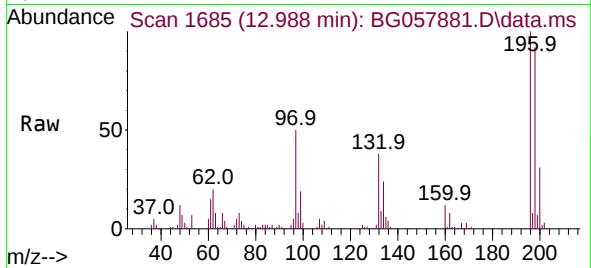
#43
2,4,6-Trichlorophenol
Concen: 43.910 ng
RT: 12.988 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :
BNA_G
ClientSampleId :
PB153721BS

Tgt Ion:196 Resp: 14619
Ion Ratio Lower Upper
196 100
198 92.0 75.7 113.5
200 30.8 24.2 36.2

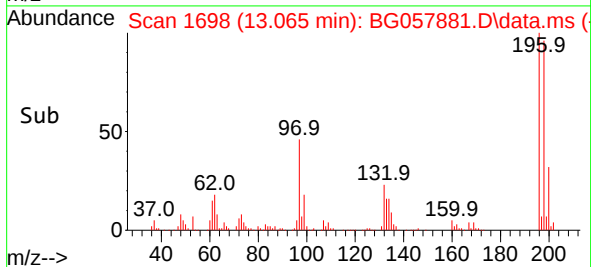
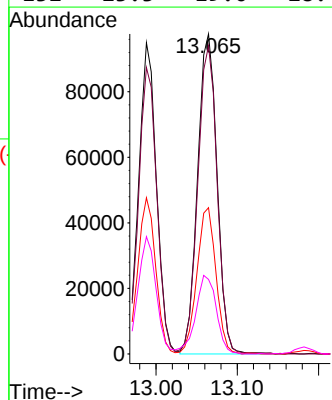
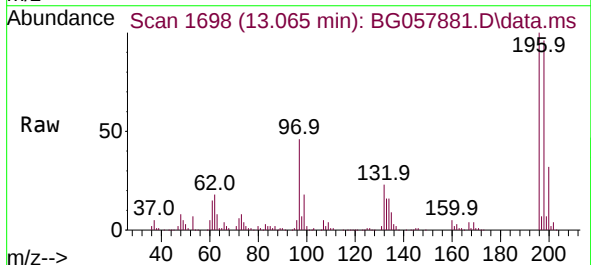
Manual Integrations
APPROVED

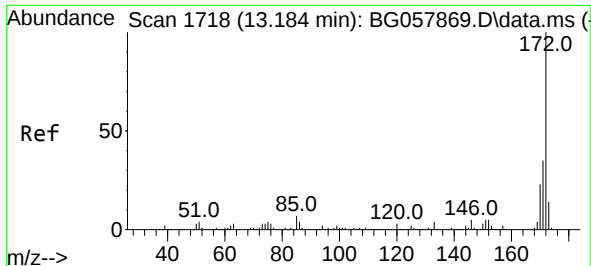
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#44
2,4,5-Trichlorophenol
Concen: 40.991 ng
RT: 13.065 min Scan# 1698
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:196 Resp: 162436
Ion Ratio Lower Upper
196 100
198 96.3 75.4 113.0
97 45.7 37.6 56.4
132 23.3 19.0 28.4





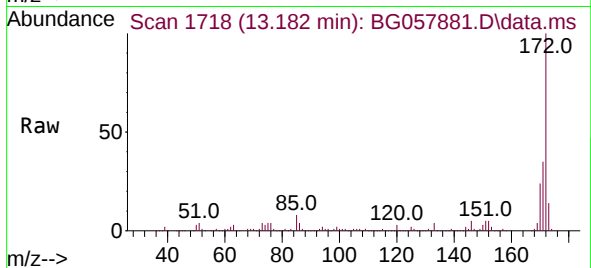
#45
2-Fluorobiphenyl
Concen: 74.700 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

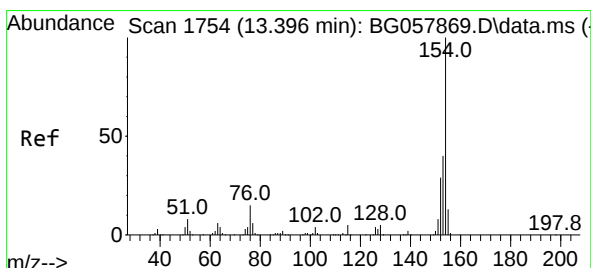
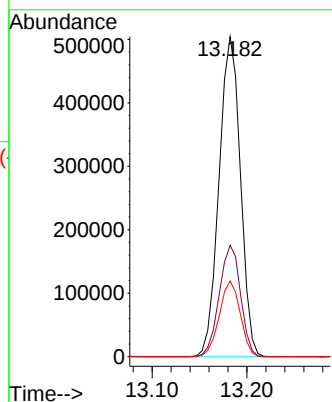
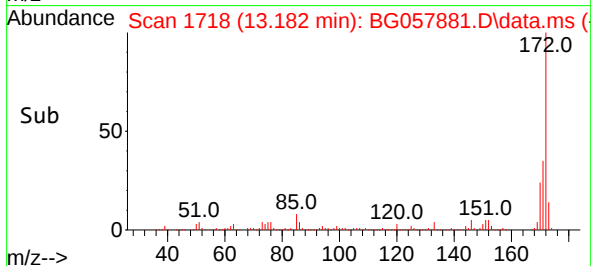


Tgt Ion:172 Resp: 790280
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.7 18.6 27.8

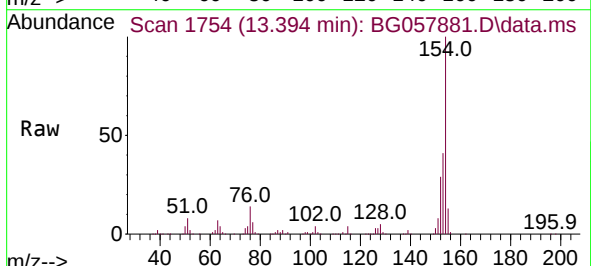
Manual Integrations

APPROVED

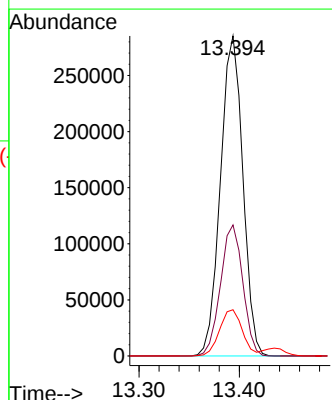
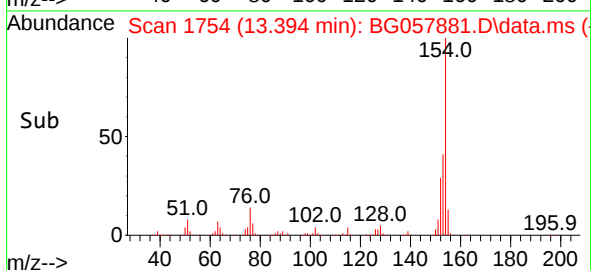
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

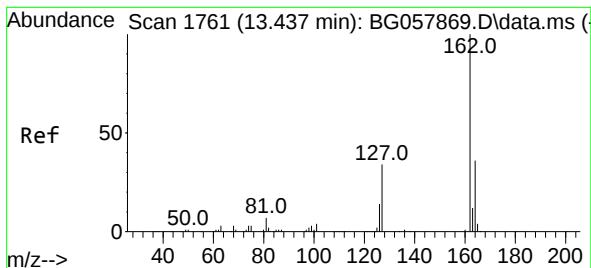


#46
1,1'-Biphenyl
Concen: 40.153 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:154 Resp: 441550
Ion Ratio Lower Upper
154 100
153 41.0 20.1 60.1
76 14.5 0.0 34.7





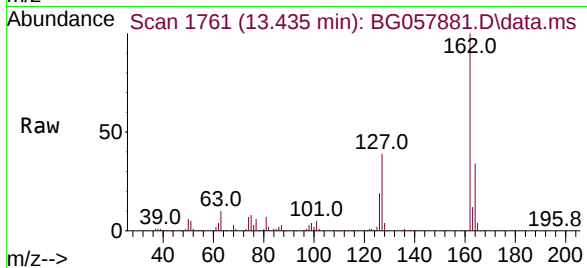
#47
2-Chloronaphthalene
Concen: 40.607 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

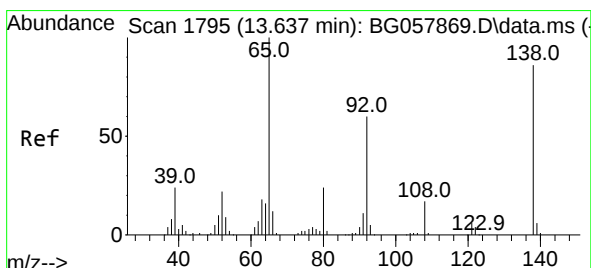
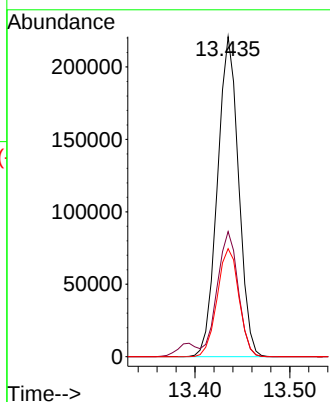
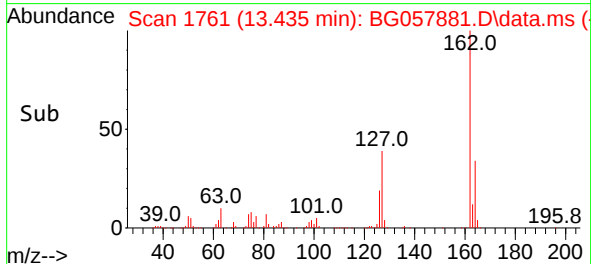


Tgt Ion:162 Resp: 342932
Ion Ratio Lower Upper
162 100
127 39.1 30.2 45.4
164 33.7 28.6 43.0

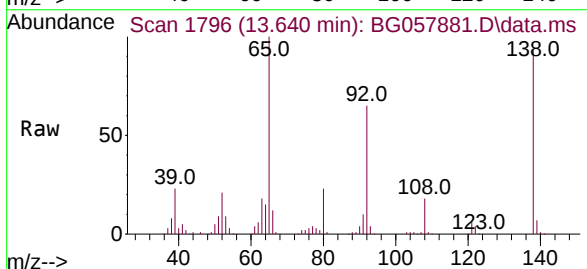
Manual Integrations

APPROVED

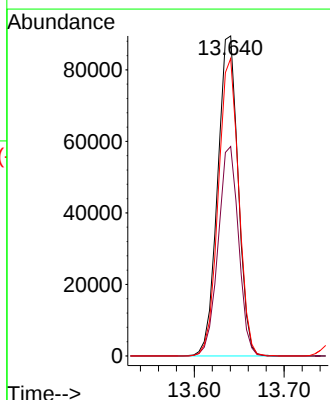
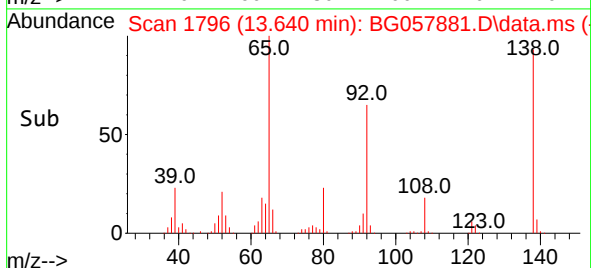
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

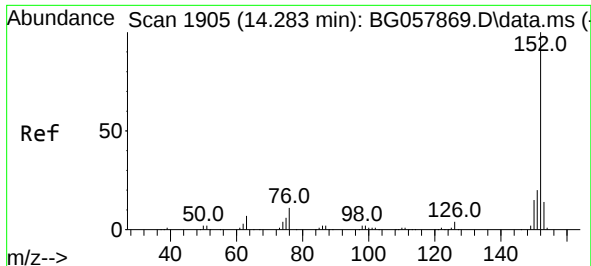


#48
2-Nitroaniline
Concen: 42.175 ng
RT: 13.640 min Scan# 1796
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion: 65 Resp: 141915
Ion Ratio Lower Upper
65 100
92 65.4 48.3 72.5
138 92.9 69.1 103.7





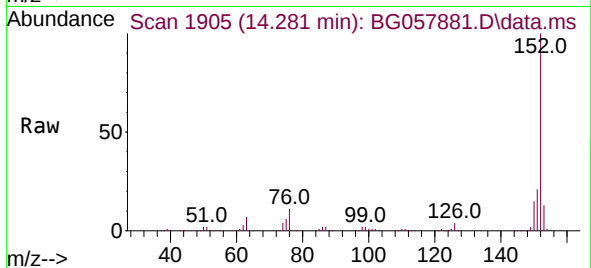
#49
Acenaphthylene
Concen: 39.406 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

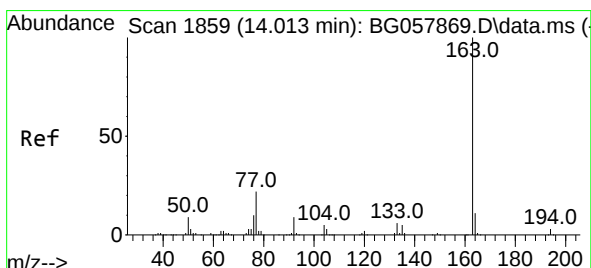
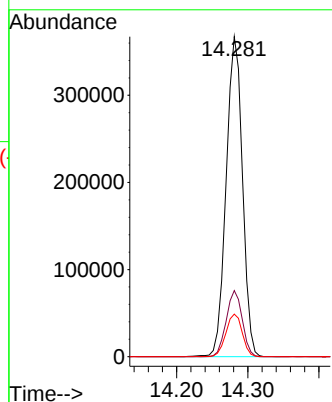
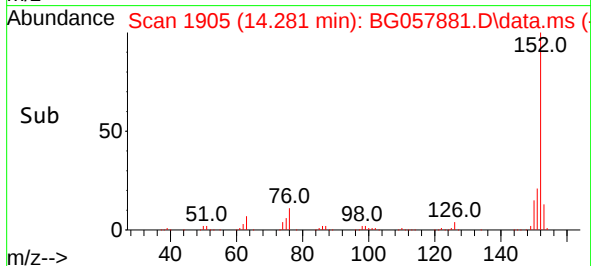


Tgt Ion:152 Resp: 58361
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.3 10.8 16.2

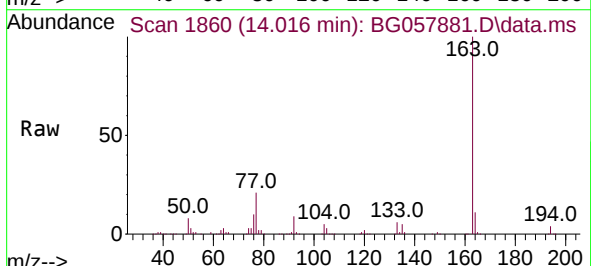
Manual Integrations

APPROVED

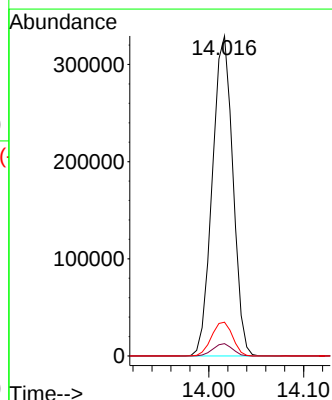
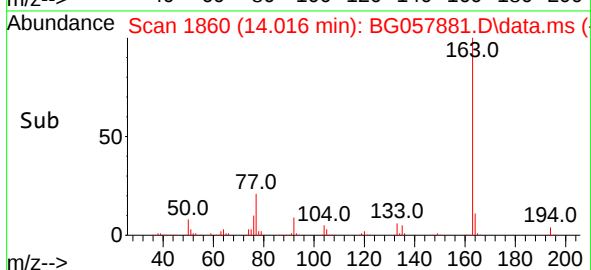
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

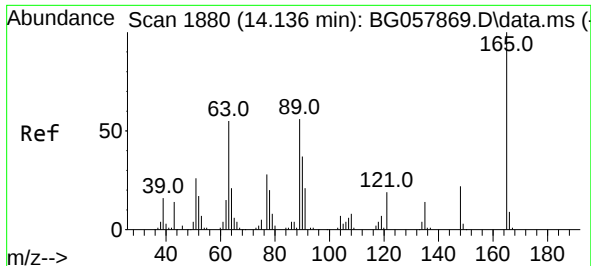


#50
Dimethylphthalate
Concen: 38.808 ng
RT: 14.016 min Scan# 1860
Delta R.T. 0.003 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:163 Resp: 496592
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.5 8.9 13.3





#51
2,6-Dinitrotoluene
Concen: 41.597 ng
RT: 14.134 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

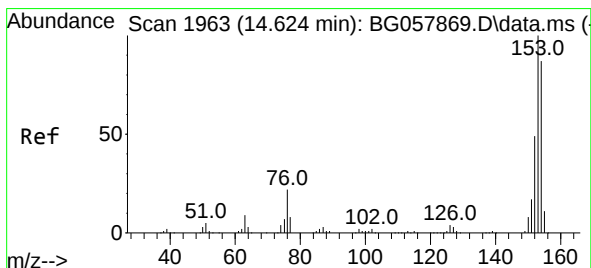
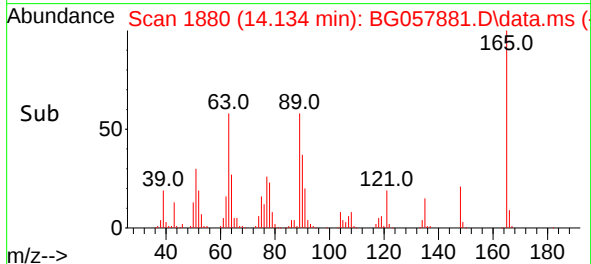
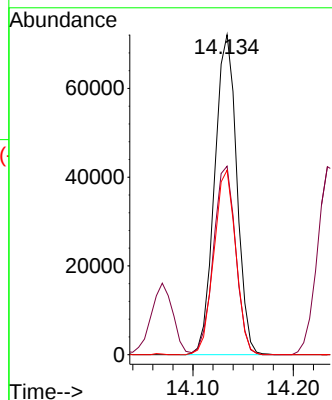
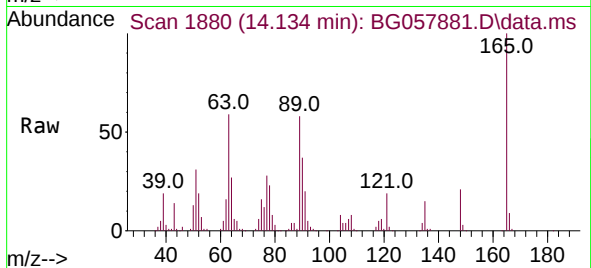
PB153721BS

Tgt Ion:165 Resp: 110518
Ion Ratio Lower Upper
165 100
63 58.9 46.4 69.6
89 57.6 45.0 67.6

Manual Integrations

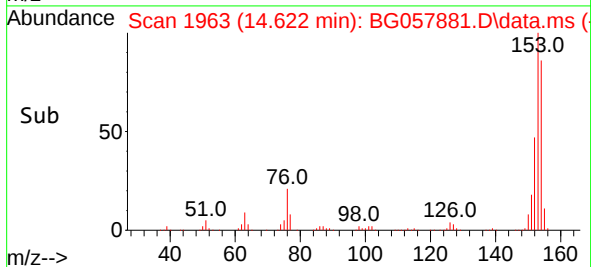
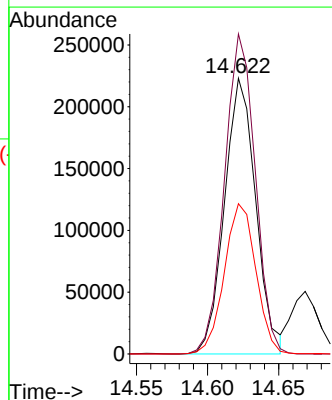
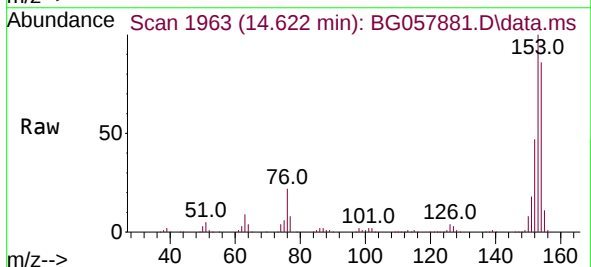
APPROVED

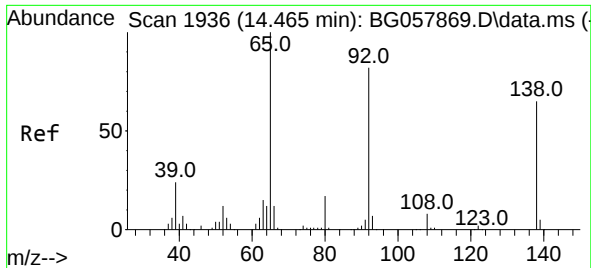
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#52
Acenaphthene
Concen: 39.488 ng
RT: 14.622 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:154 Resp: 341647
Ion Ratio Lower Upper
154 100
153 116.1 91.5 137.3
152 54.5 44.6 67.0





#53
3-Nitroaniline
Concen: 32.513 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

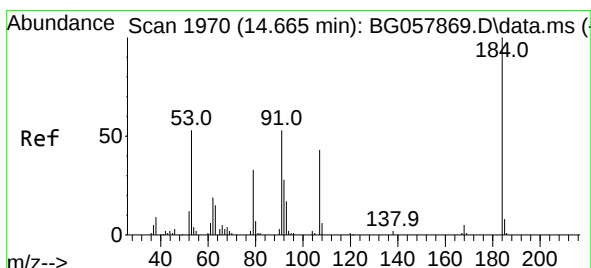
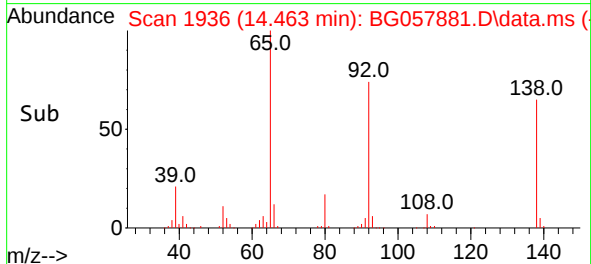
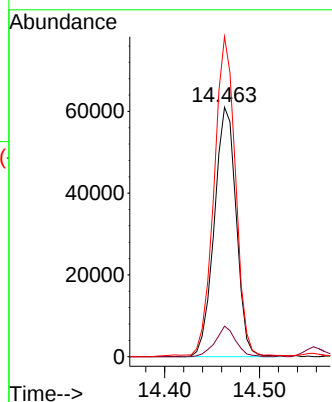
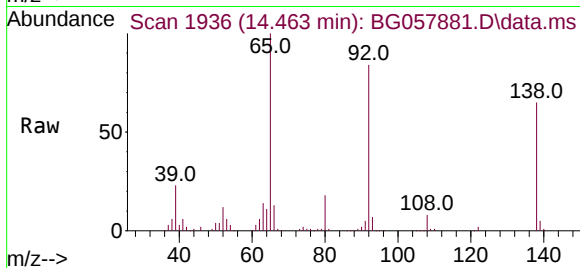
ClientSampleId :

PB153721BS

Tgt Ion:138 Resp: 9820
Ion Ratio Lower Upper
138 100
108 12.2 9.8 14.6
92 128.3 101.7 152.5

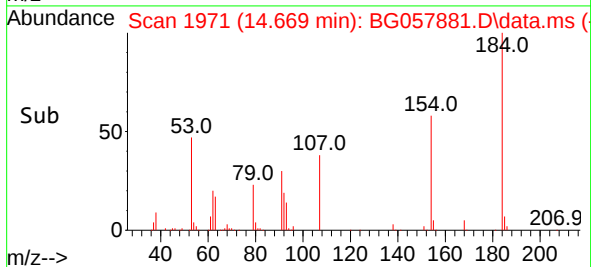
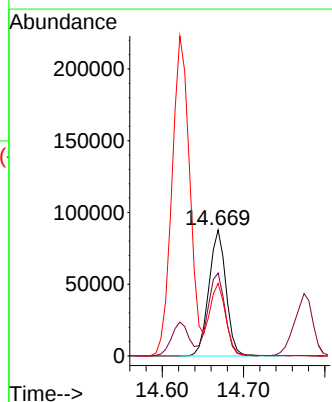
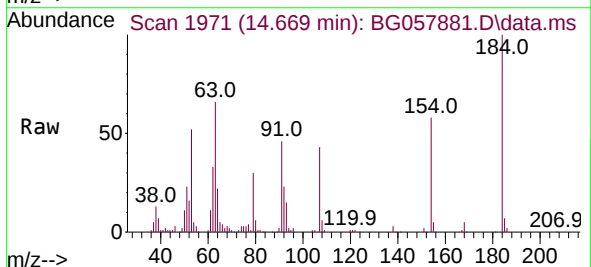
Manual Integrations
APPROVED

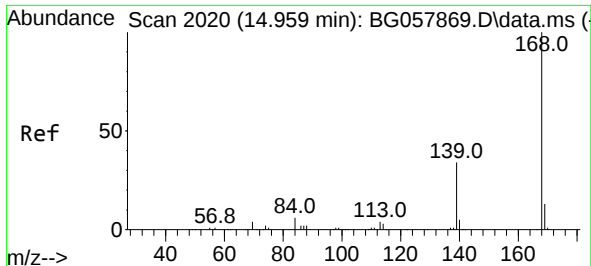
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#54
2,4-Dinitrophenol
Concen: 87.601 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:184 Resp: 128583
Ion Ratio Lower Upper
184 100
63 65.7 57.8 86.6
154 57.6 45.9 68.9





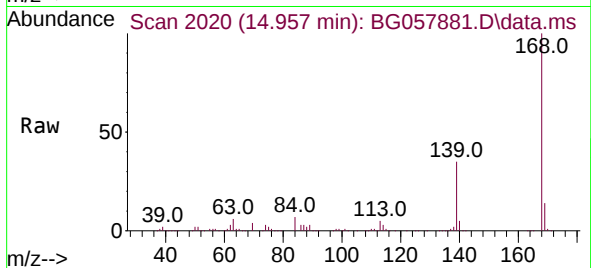
#55
Dibenzofuran
Concen: 38.722 ng
RT: 14.957 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

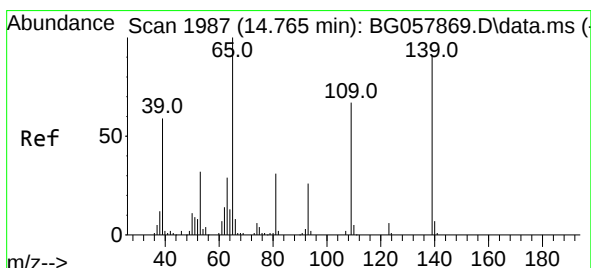
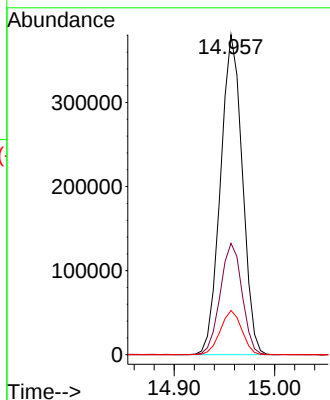
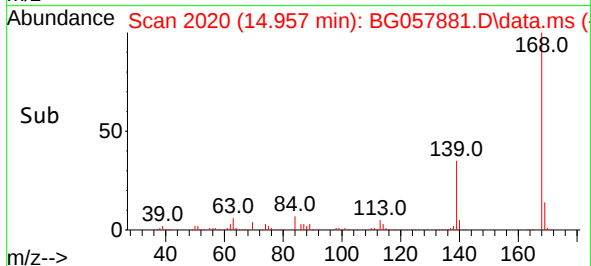


Tgt Ion:168 Resp: 57463
Ion Ratio Lower Upper
168 100
139 34.8 27.3 40.9
169 13.8 10.3 15.5

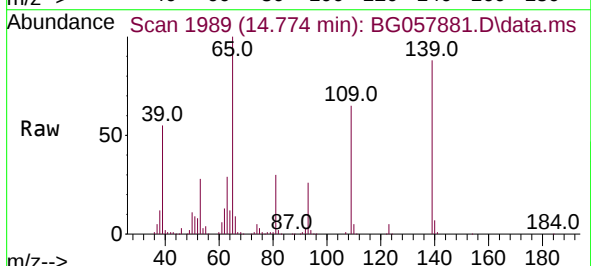
Manual Integrations

APPROVED

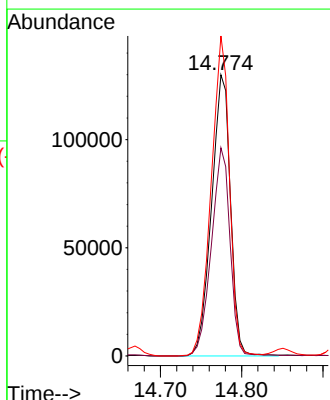
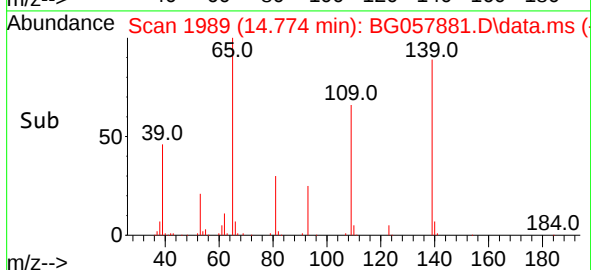
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

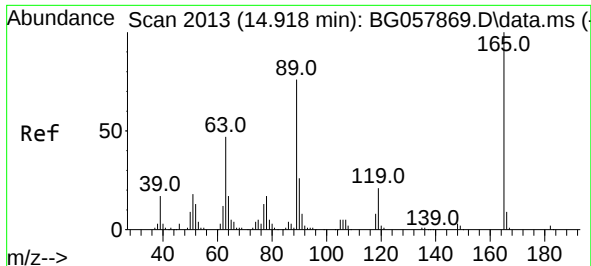


#56
4-Nitrophenol
Concen: 85.049 ng
RT: 14.774 min Scan# 1989
Delta R.T. 0.010 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:139 Resp: 210605
Ion Ratio Lower Upper
139 100
109 74.0 53.7 93.7
65 113.8 89.9 129.9





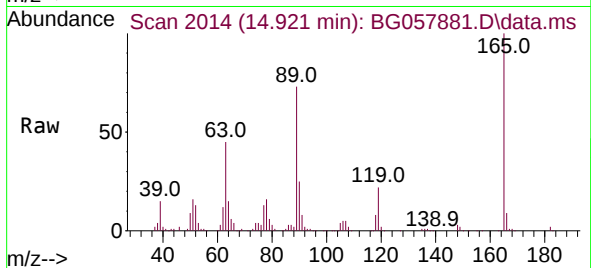
#57
2,4-Dinitrotoluene
Concen: 41.667 ng
RT: 14.921 min Scan# 2013
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

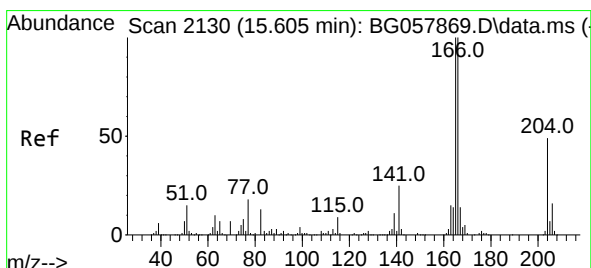
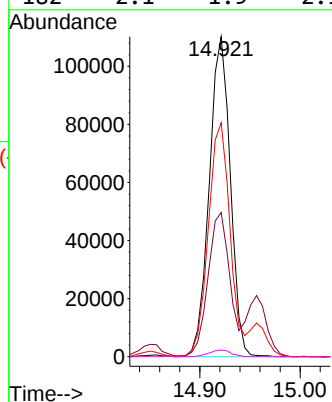
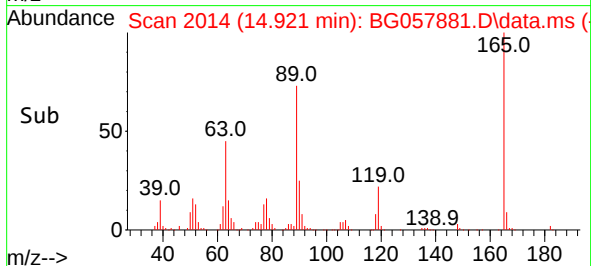


Tgt Ion:165 Resp: 160632
Ion Ratio Lower Upper
165 100
63 45.0 37.6 56.4
89 73.1 61.0 91.4
182 2.1 1.9 2.9

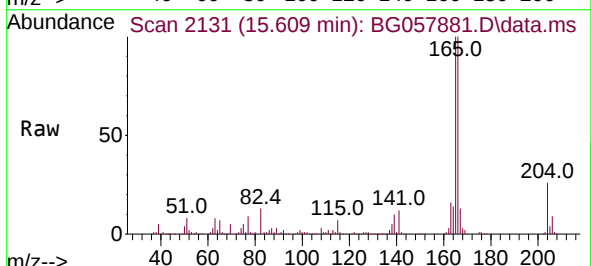
Manual Integrations

APPROVED

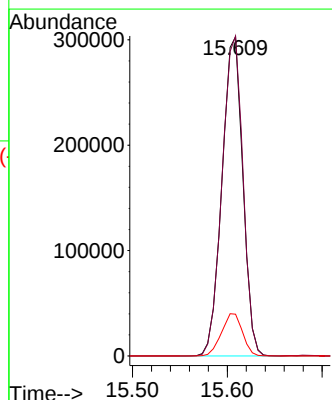
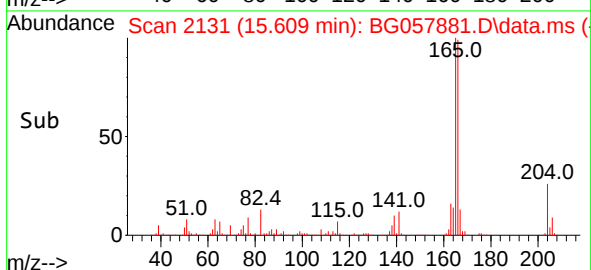
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

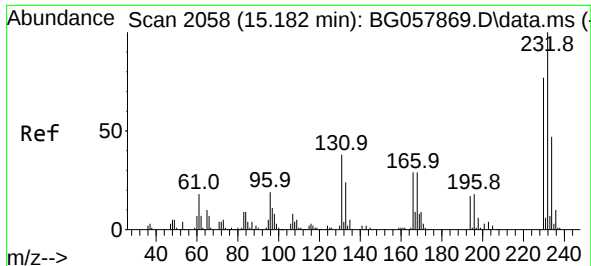


#58
Fluorene
Concen: 38.645 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:166 Resp: 462874
Ion Ratio Lower Upper
166 100
165 100.2 80.0 120.0
167 13.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.504 ng
RT: 15.180 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

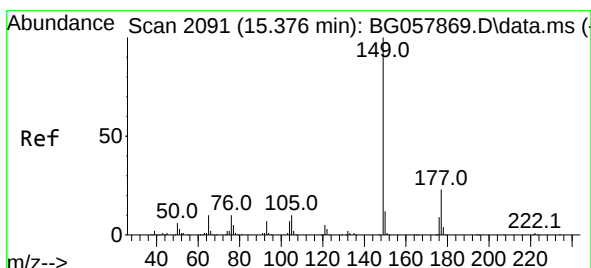
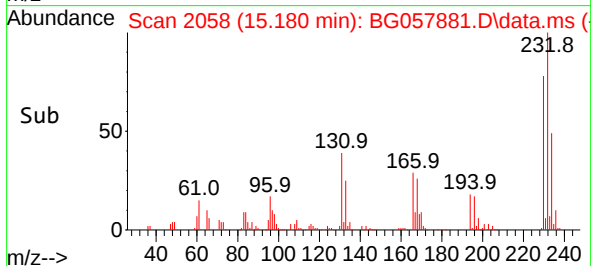
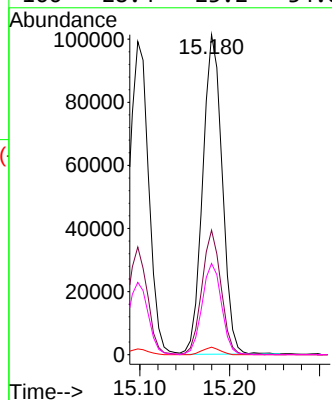
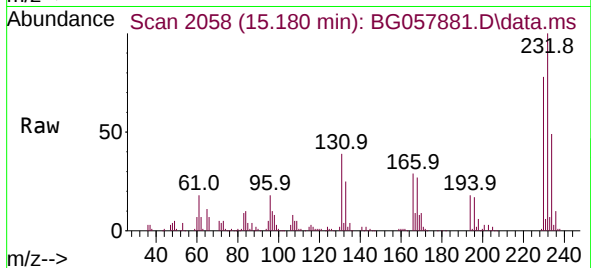
PB153721BS

Tgt Ion:232 Resp: 152681
Ion Ratio Lower Upper
232 100
131 38.2 31.2 46.8
130 2.1 1.6 2.4
166 28.4 23.2 34.8

Manual Integrations

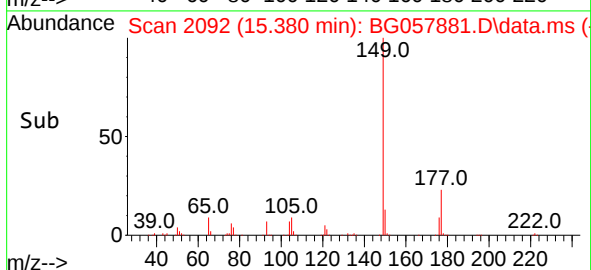
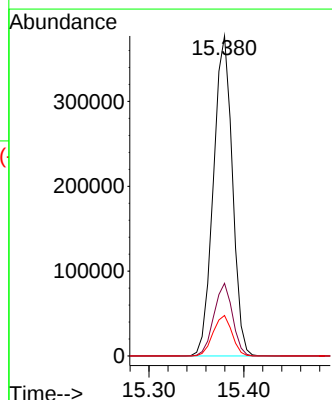
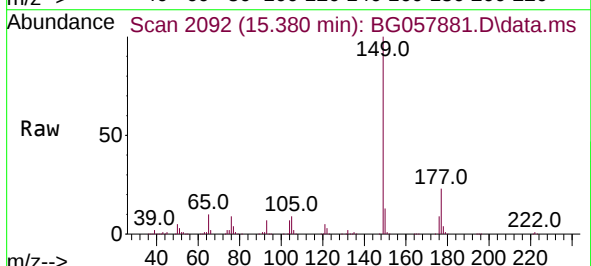
APPROVED

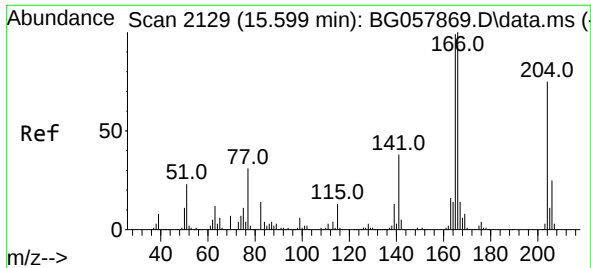
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#60
Diethylphthalate
Concen: 38.735 ng
RT: 15.380 min Scan# 2092
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

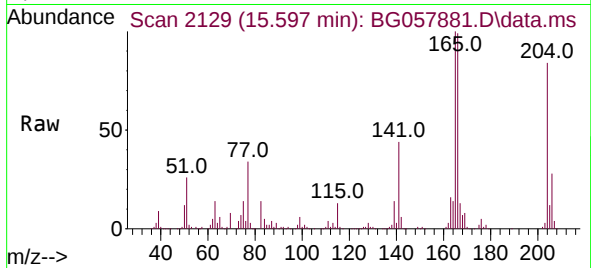
Tgt Ion:149 Resp: 522474
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.546 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

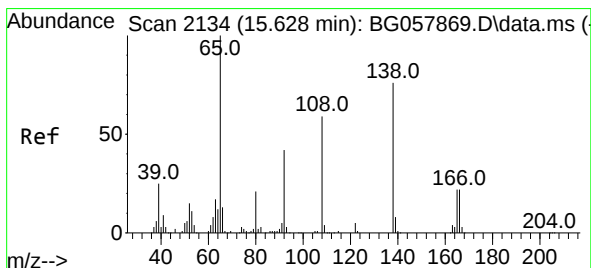
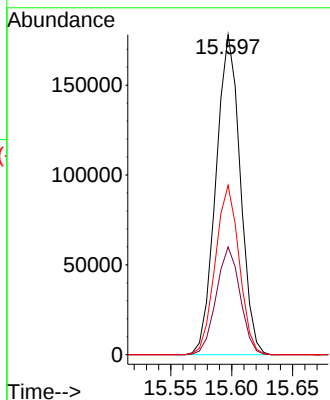
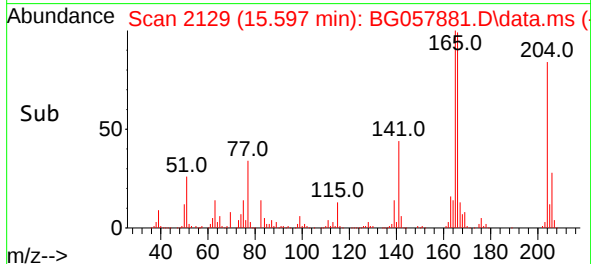
Instrument :
BNA_G
ClientSampleId :
PB153721BS



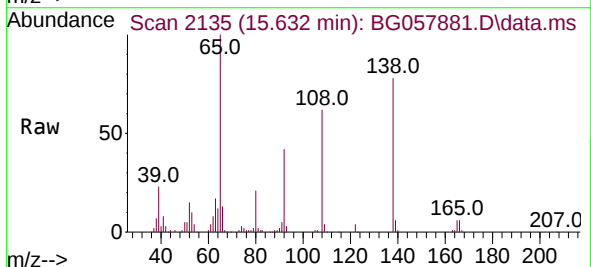
Tgt Ion:204 Resp: 247638
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 52.9 40.6 60.8

Manual Integrations
APPROVED

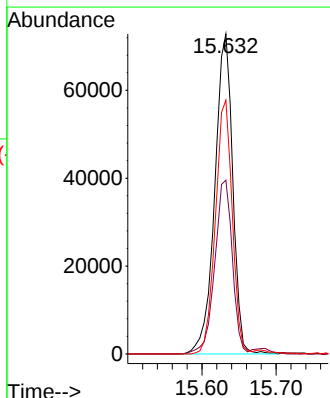
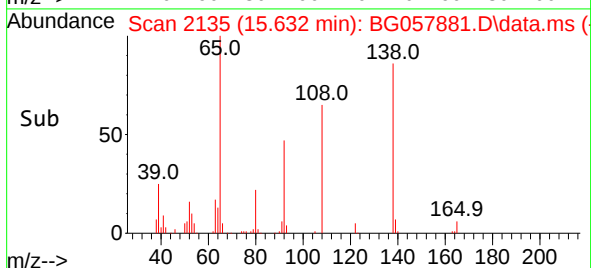
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

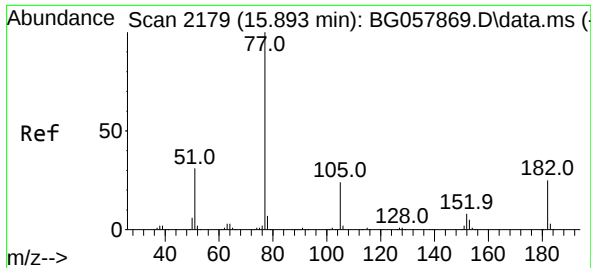


#62
4-Nitroaniline
Concen: 38.595 ng
RT: 15.632 min Scan# 2135
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:138 Resp: 122280
Ion Ratio Lower Upper
138 100
92 54.3 35.2 75.2
108 79.3 57.8 97.8





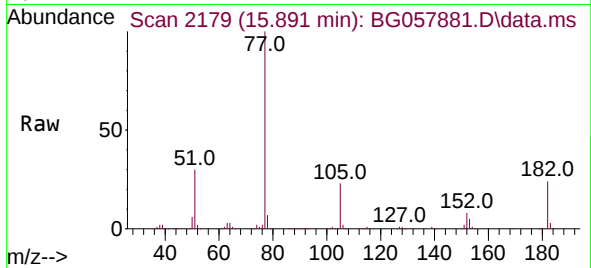
#63
Azobenzene
Concen: 39.097 ng
RT: 15.891 min Scan# 2179
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

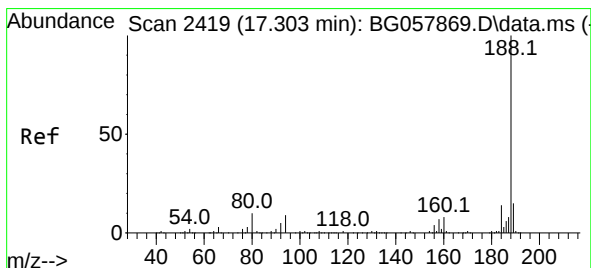
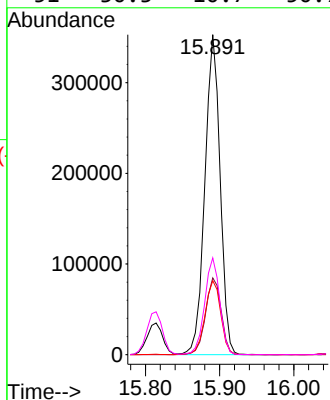
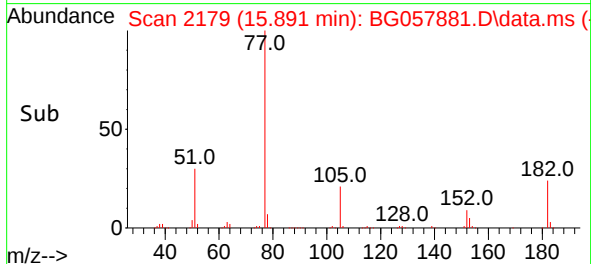


Tgt Ion: 77 Resp: 504300
Ion Ratio Lower Upper
77 100
182 24.0 5.1 45.1
105 23.1 3.9 43.9
51 30.3 10.7 50.7

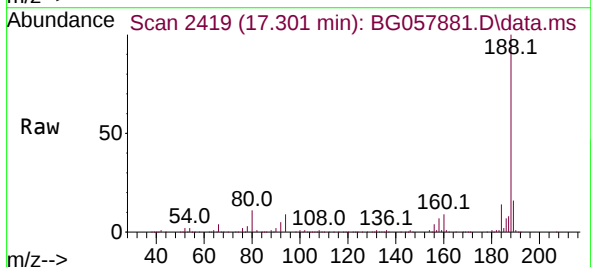
Manual Integrations

APPROVED

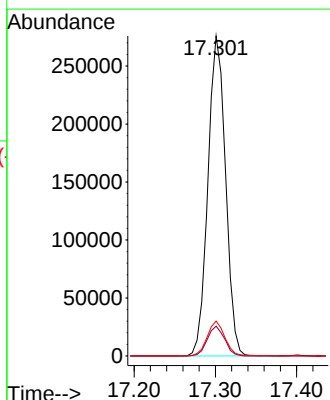
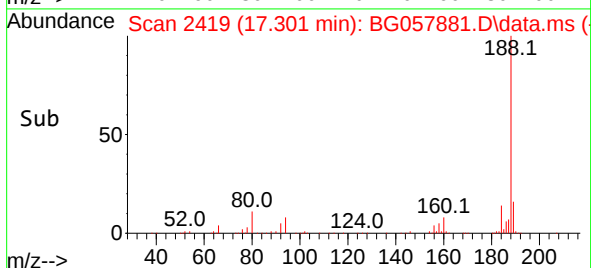
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

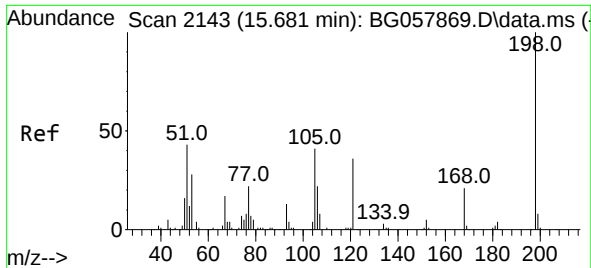


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:188 Resp: 416063
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.9 8.4 12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 42.204 ng
RT: 15.685 min Scan# 2143
Delta R.T. 0.004 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

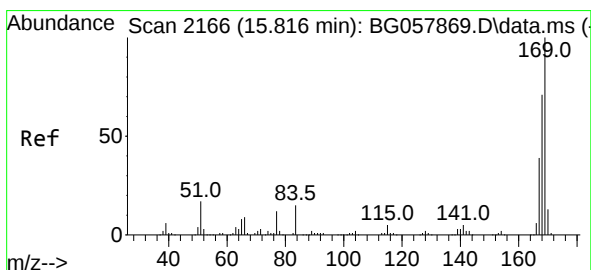
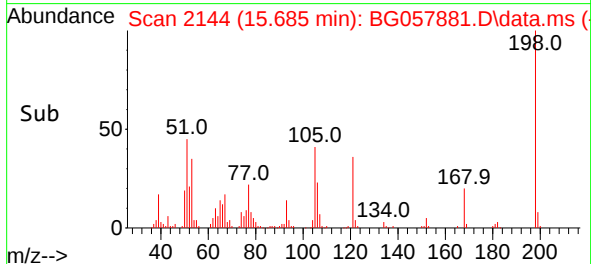
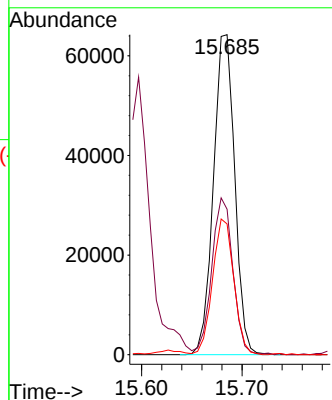
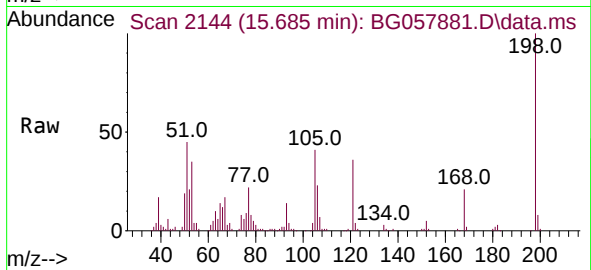
PB153721BS

Tgt Ion:198 Resp: 94494
Ion Ratio Lower Upper
198 100
51 45.5 27.2 67.2
105 40.9 22.3 62.3

Manual Integrations

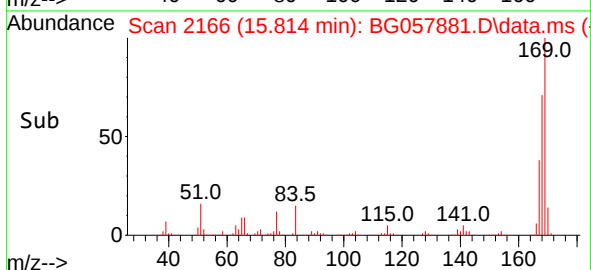
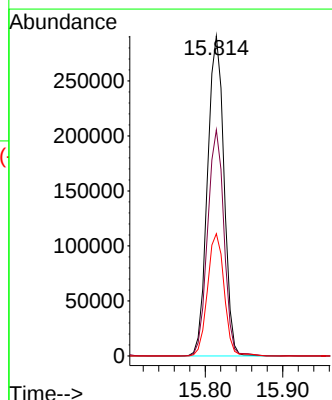
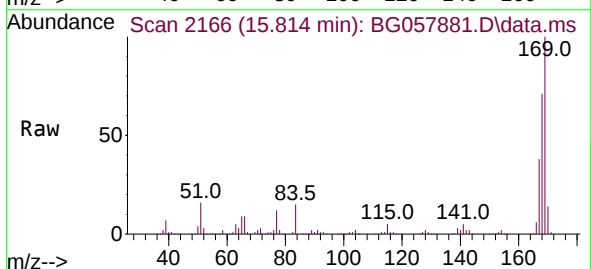
APPROVED

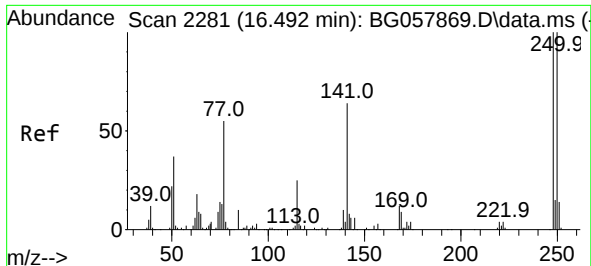
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#66
n-Nitrosodiphenylamine
Concen: 40.360 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:169 Resp: 428550
Ion Ratio Lower Upper
169 100
168 70.6 56.6 85.0
167 38.2 31.1 46.7





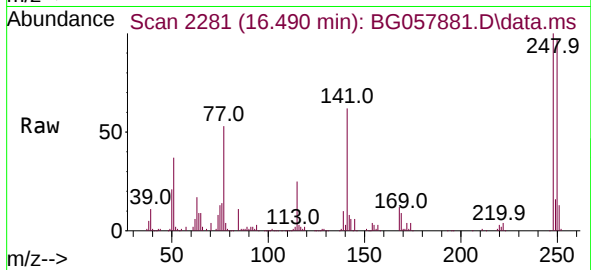
#67
4-Bromophenyl-phenylether
Concen: 40.034 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

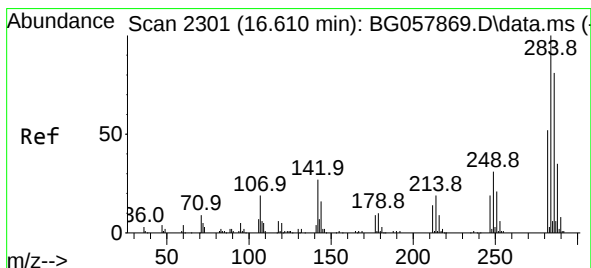
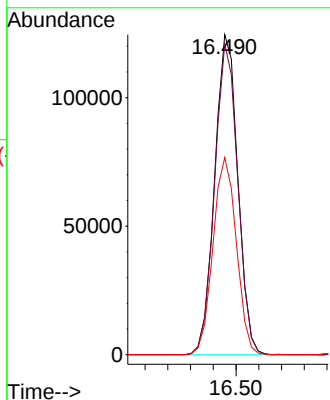
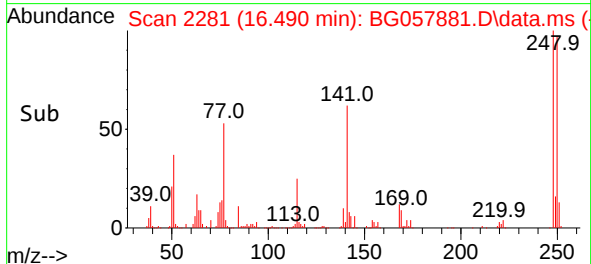


Tgt Ion:248 Resp: 175829
Ion Ratio Lower Upper
248 100
250 97.2 79.7 119.5
141 61.6 50.8 76.2

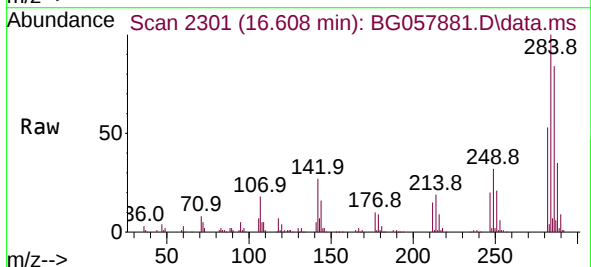
Manual Integrations

APPROVED

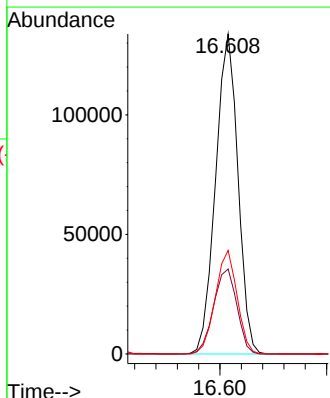
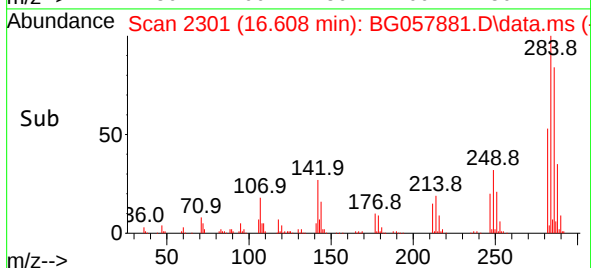
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

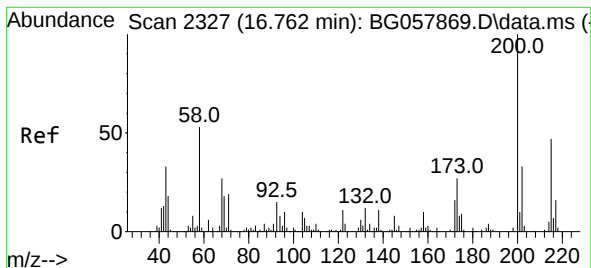


#68
Hexachlorobenzene
Concen: 41.867 ng
RT: 16.608 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:284 Resp: 194174
Ion Ratio Lower Upper
284 100
142 26.5 21.4 32.0
249 32.3 24.9 37.3





#69

Atrazine

Concen: 46.303 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

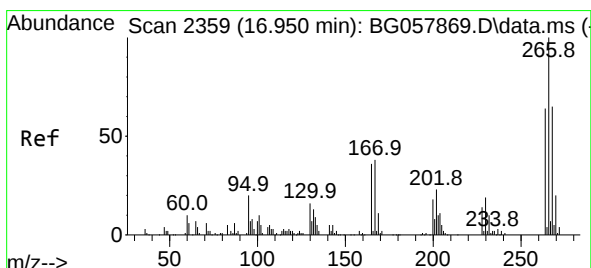
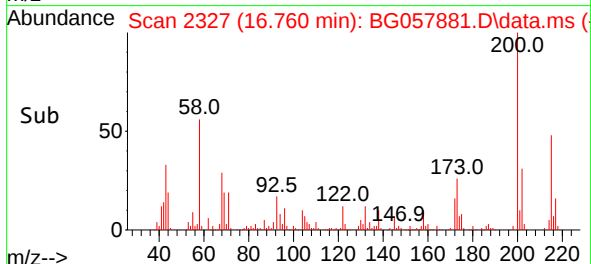
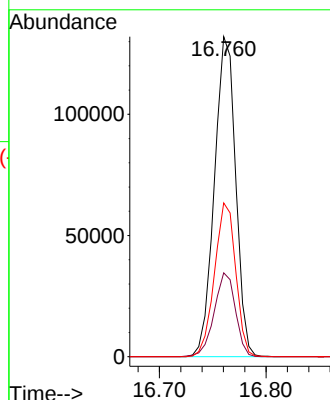
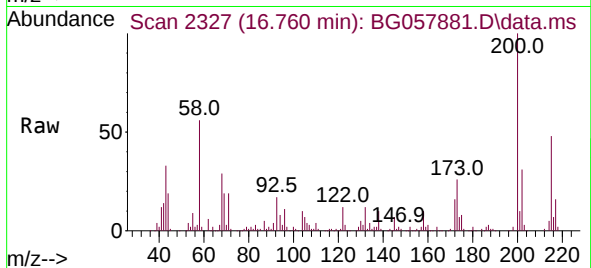
PB153721BS

Tgt Ion:200 Resp: 18258
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.2 47.2
 215 48.1 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#70

Pentachlorophenol

Concen: 74.040 ng

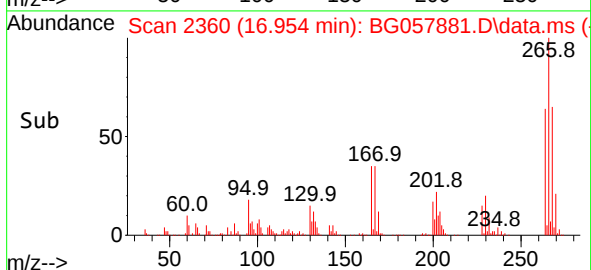
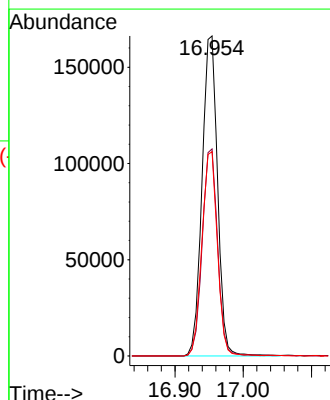
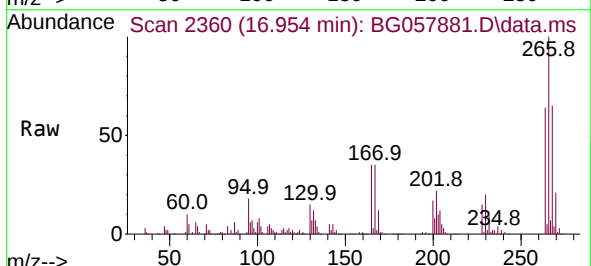
RT: 16.954 min Scan# 2360

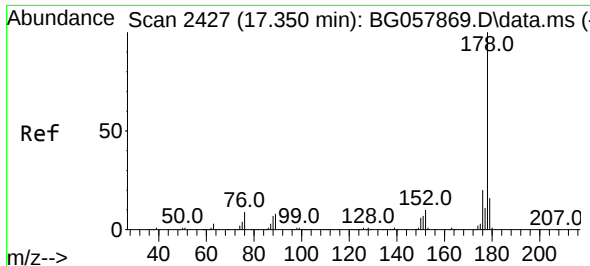
Delta R.T. 0.004 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

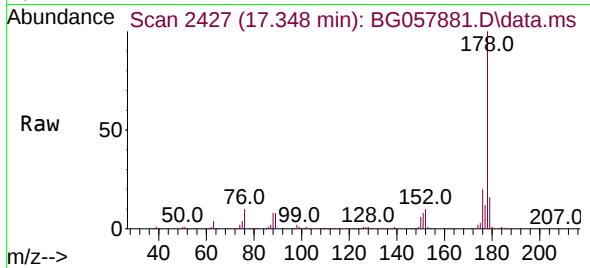
Tgt Ion:266 Resp: 262603
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.2 78.2
 264 63.9 50.9 76.3





#71
Phenanthrene
Concen: 39.414 ng
RT: 17.348 min Scan# 2427
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

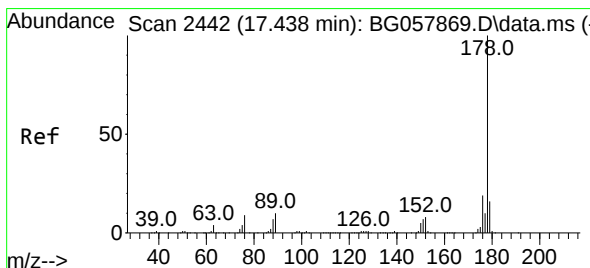
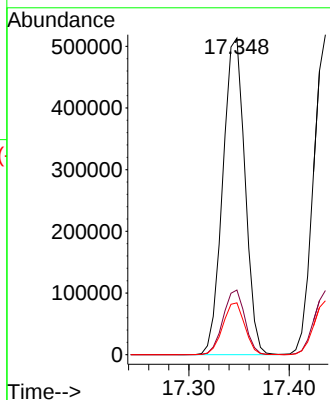
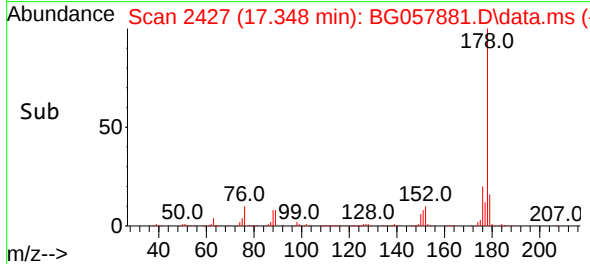
Instrument :
BNA_G
ClientSampleId :
PB153721BS



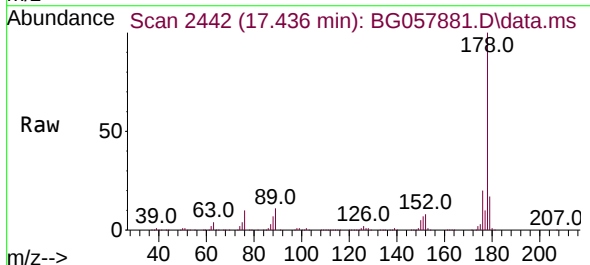
Tgt Ion:178 Resp: 787199
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 16.4 13.2 19.8

Manual Integrations
APPROVED

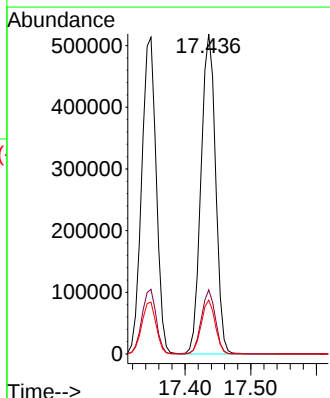
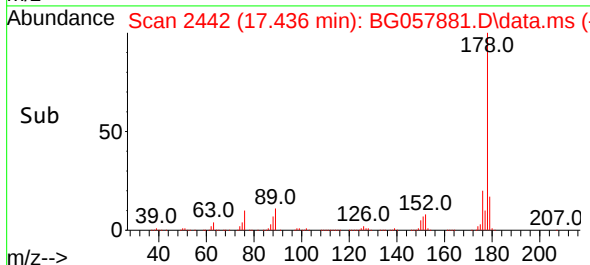
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

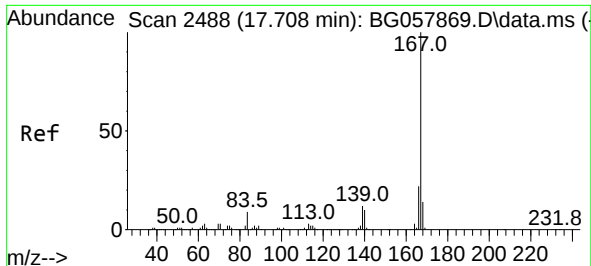


#72
Anthracene
Concen: 39.002 ng
RT: 17.436 min Scan# 2442
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:178 Resp: 803395
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 16.9 12.9 19.3





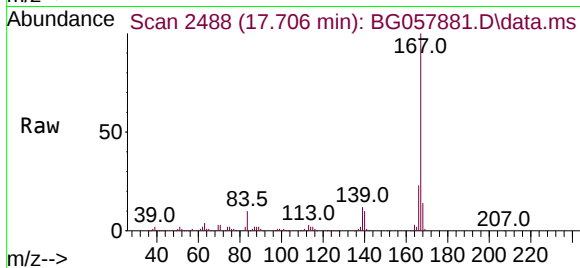
#73
 Carbazole
 Concen: 39.925 ng
 RT: 17.706 min Scan# 2488
 Delta R.T. -0.002 min
 Lab File: BG057881.D
 Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

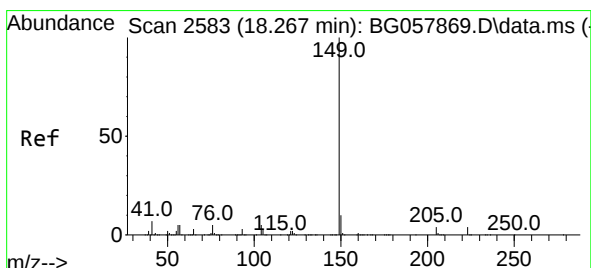
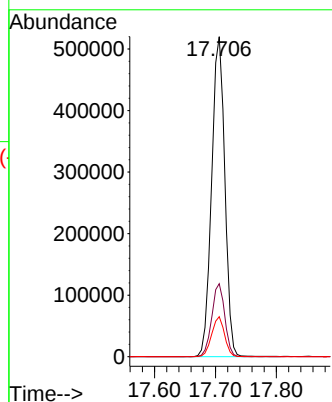
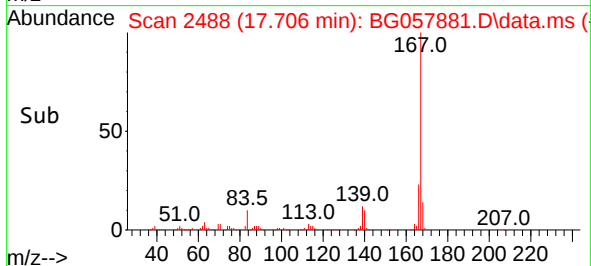


Tgt Ion:167 Resp: 78196
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.8
 139 12.5 9.8 14.8

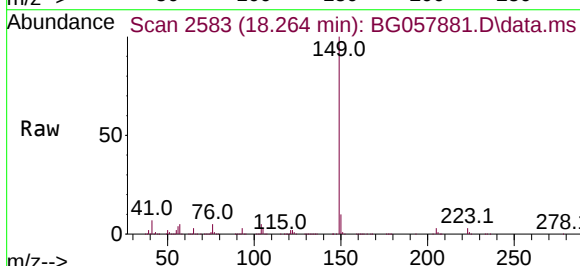
Manual Integrations

APPROVED

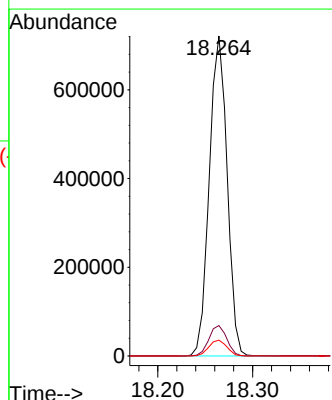
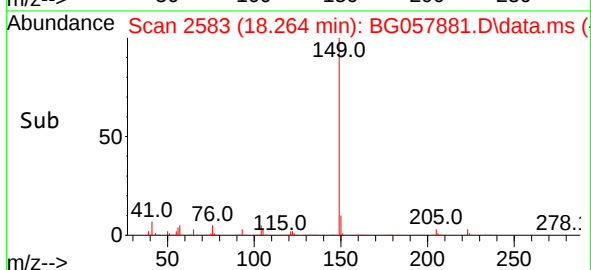
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

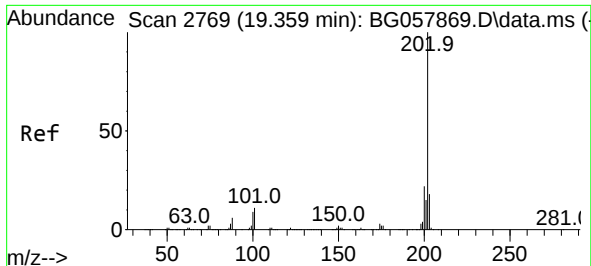


#74
 Di-n-butylphthalate
 Concen: 39.062 ng
 RT: 18.264 min Scan# 2583
 Delta R.T. -0.002 min
 Lab File: BG057881.D
 Acq: 28 Jun 2023 00:51



Tgt Ion:149 Resp: 945576
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.0 3.9 5.9





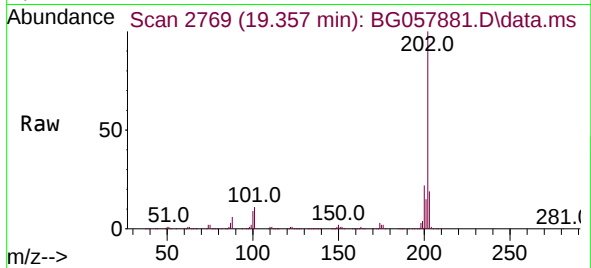
#75
Fluoranthene
Concen: 38.123 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

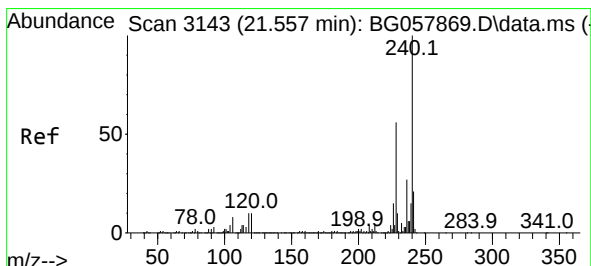
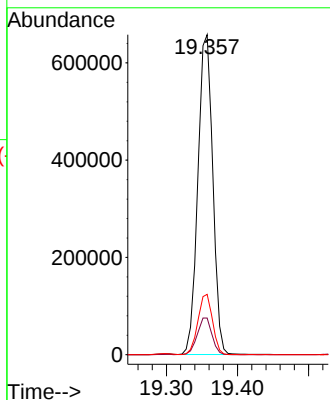
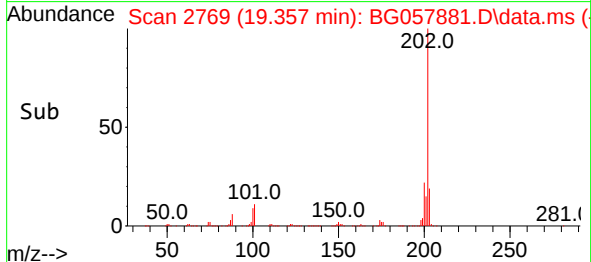


Tgt Ion:202 Resp: 959209
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 18.8 0.0 38.2

Manual Integrations

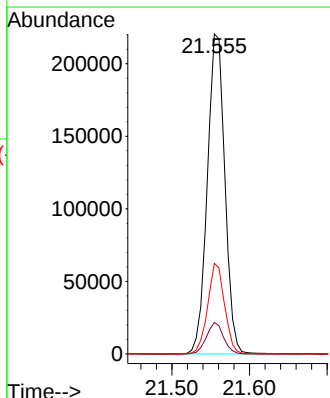
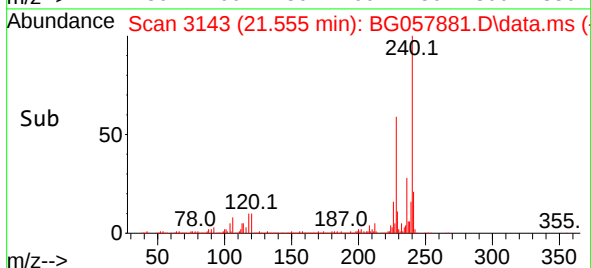
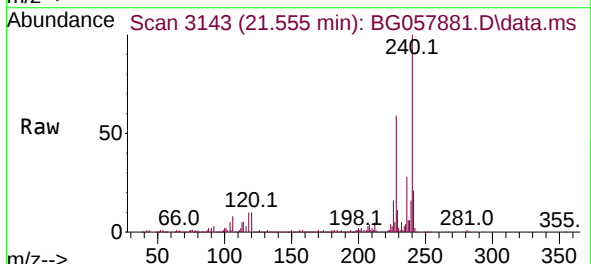
APPROVED

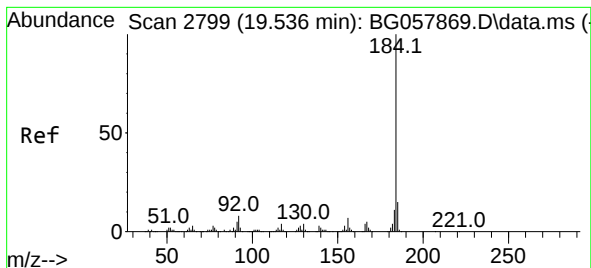
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

Tgt Ion:240 Resp: 346572
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 28.3 21.9 32.9





#77

Benzidine

Concen: 49.406 ng

RT: 19.534 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

Tgt Ion:184 Resp: 40171

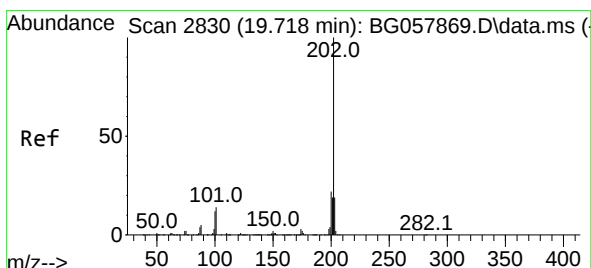
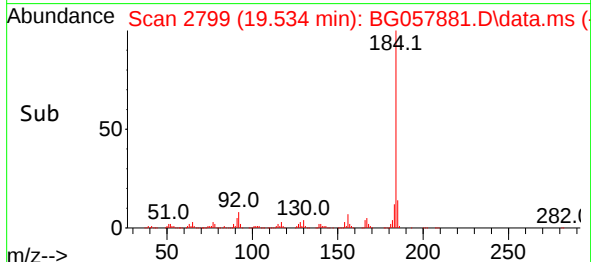
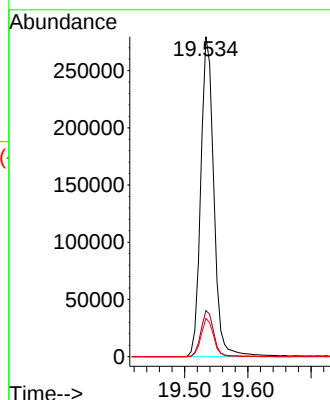
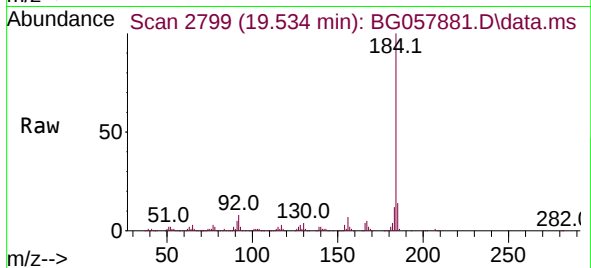
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	11.9	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#78

Pyrene

Concen: 39.532 ng

RT: 19.716 min Scan# 2830

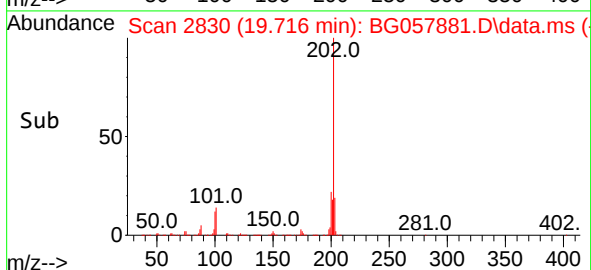
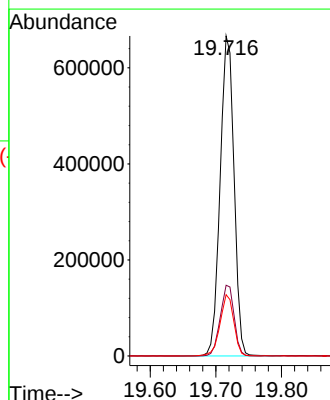
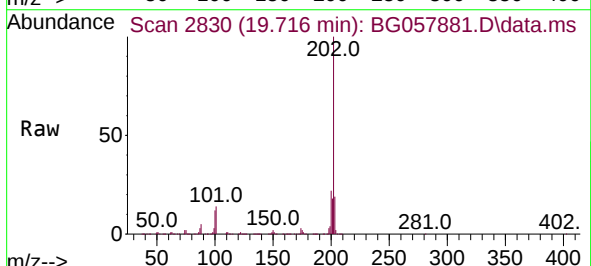
Delta R.T. -0.002 min

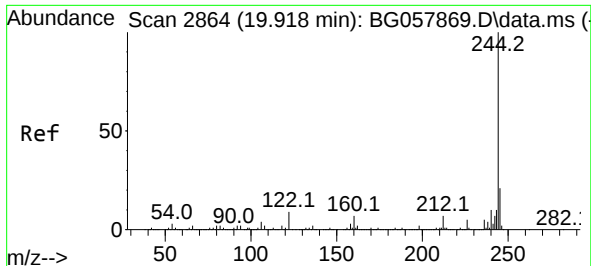
Lab File: BG057881.D

Acq: 28 Jun 2023 00:51

Tgt Ion:202 Resp: 978271

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	19.1	15.2	22.8





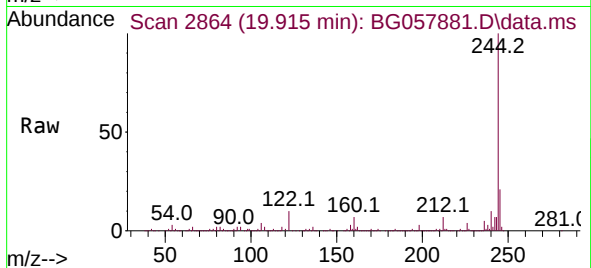
#79
 Terphenyl-d14
 Concen: 79.729 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057881.D
 Acq: 28 Jun 2023 00:51

Instrument :

BNA_G

ClientSampleId :

PB153721BS

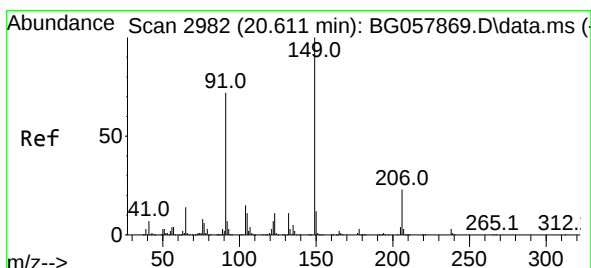
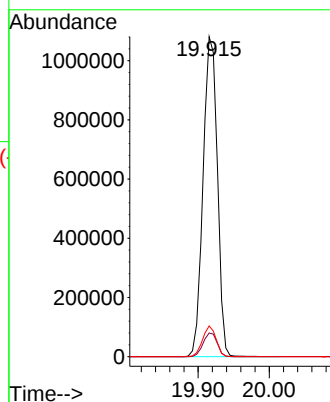
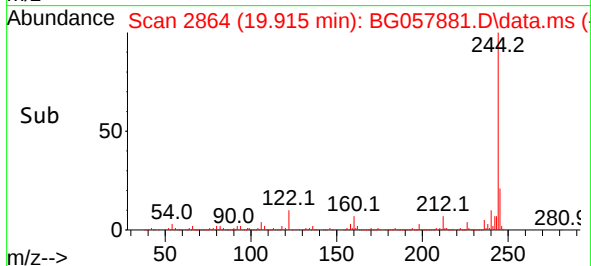


Tgt Ion:244 Resp: 151565
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.6 7.4 11.0

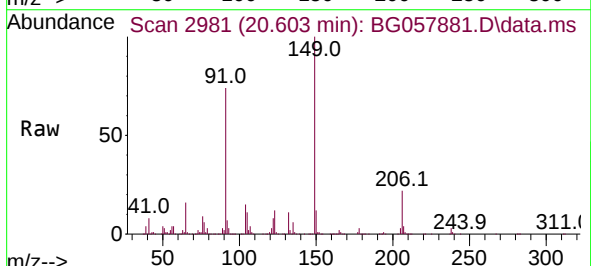
Manual Integrations

APPROVED

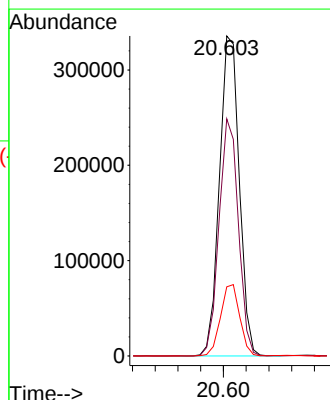
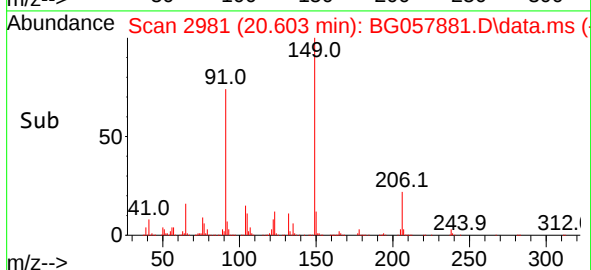
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

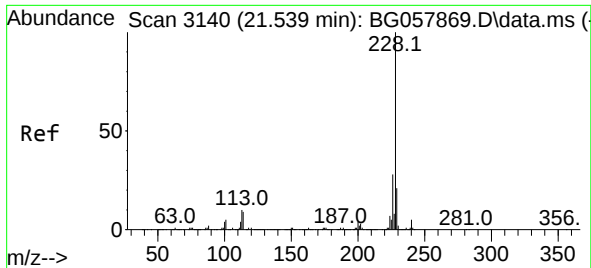


#80
 Butylbenzylphthalate
 Concen: 40.558 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.008 min
 Lab File: BG057881.D
 Acq: 28 Jun 2023 00:51



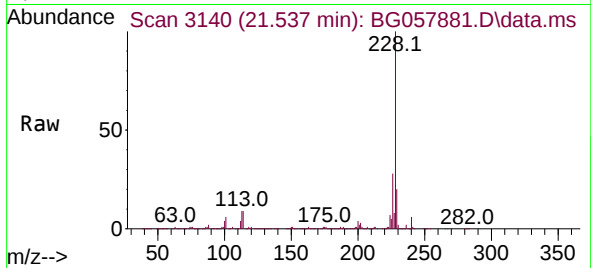
Tgt Ion:149 Resp: 406993
 Ion Ratio Lower Upper
 149 100
 91 74.1 57.4 86.2
 206 21.6 18.2 27.2





#81
Benzo(a)anthracene
Concen: 40.474 ng
RT: 21.537 min Scan# 3140
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

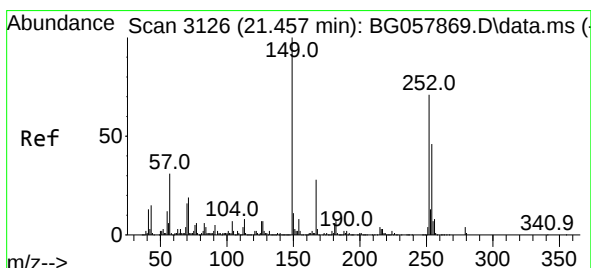
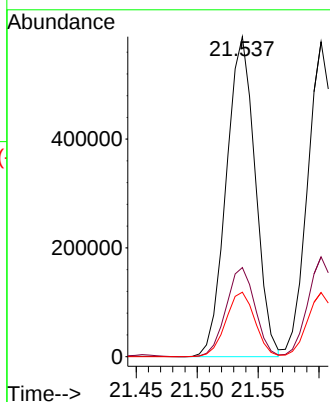
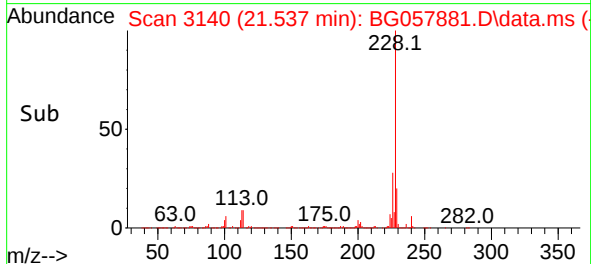
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion:228 Resp: 970732
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.1 16.5 24.7

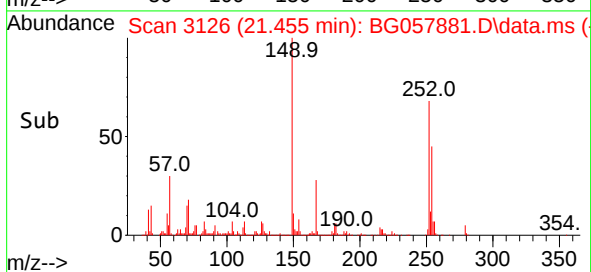
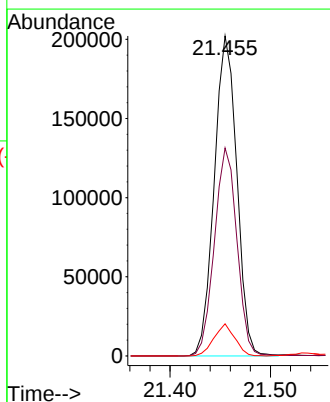
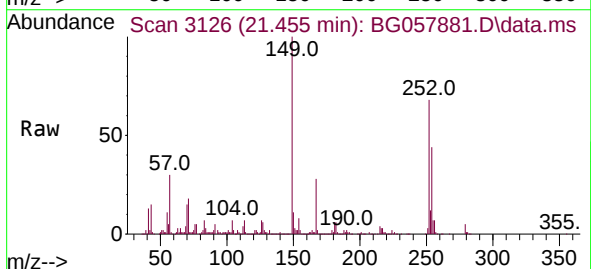
Manual Integrations
APPROVED

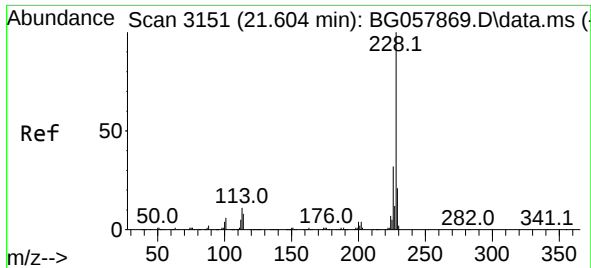
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.897 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

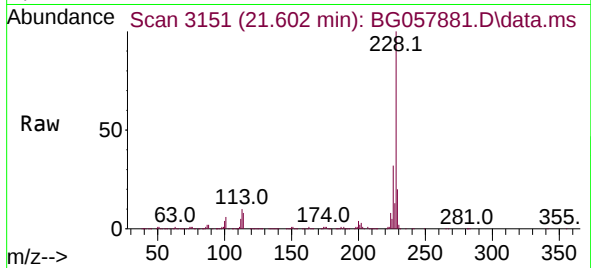
Tgt Ion:252 Resp: 314880
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 10.0 7.4 11.2





#83
Chrysene
Concen: 39.476 ng
RT: 21.602 min Scan# 3151
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

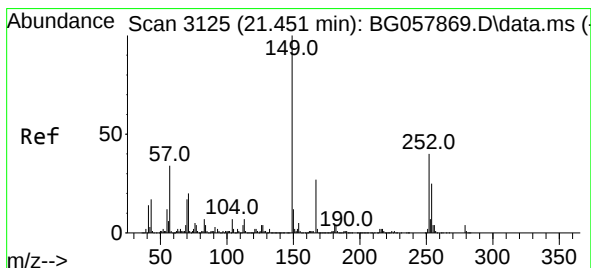
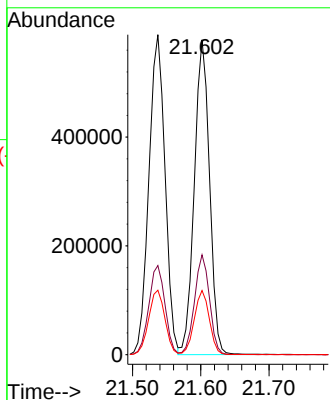
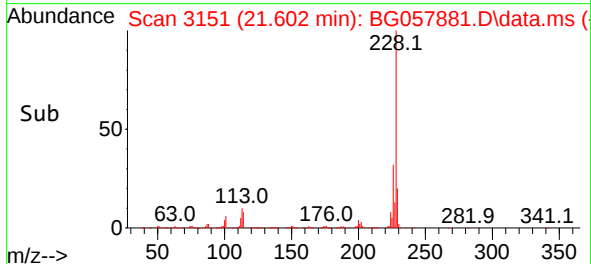
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion:228 Resp: 896174
Ion Ratio Lower Upper
228 100
226 31.7 25.3 37.9
229 20.4 16.5 24.7

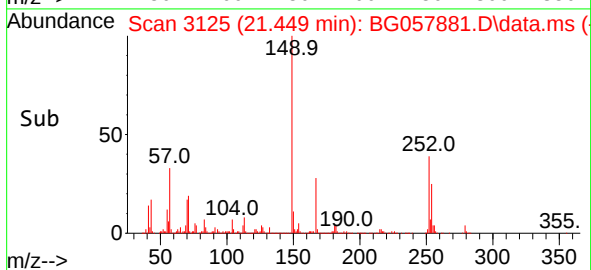
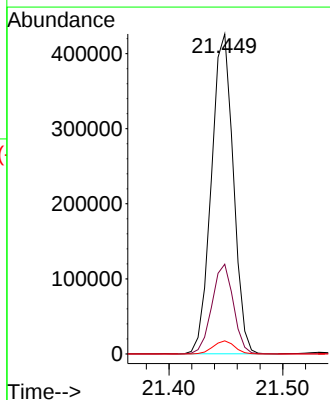
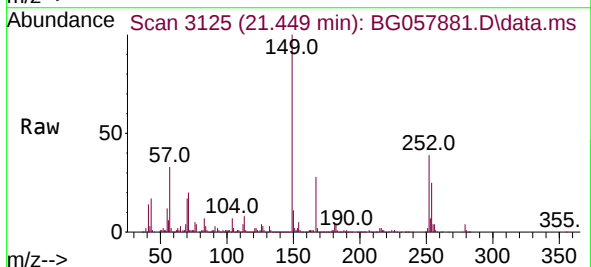
Manual Integrations
APPROVED

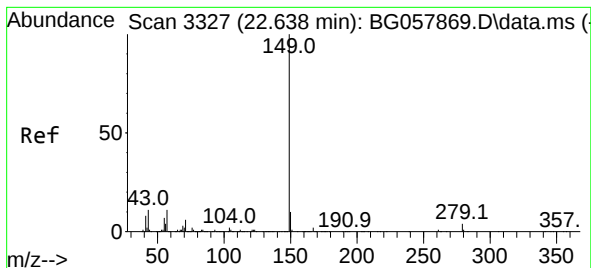
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.043 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

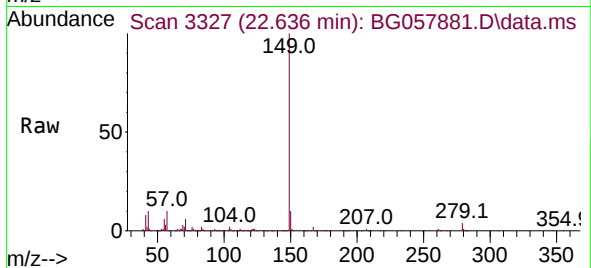
Tgt Ion:149 Resp: 570504
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 41.291 ng
RT: 22.636 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

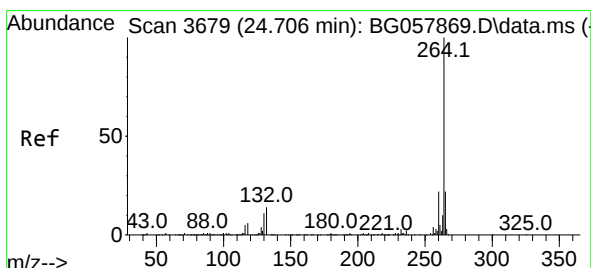
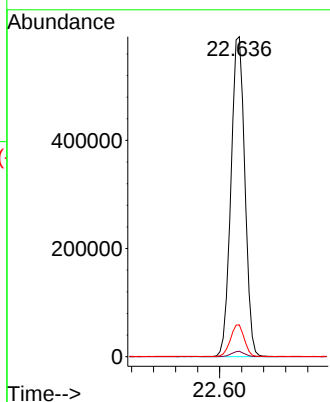
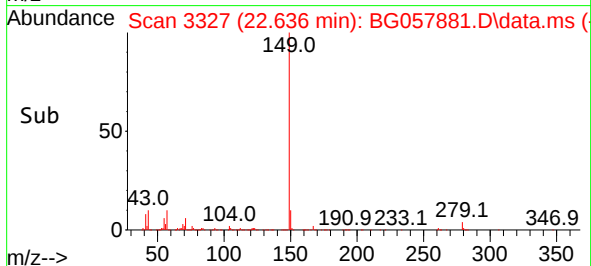
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion:149 Resp: 103811
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 9.0 13.4

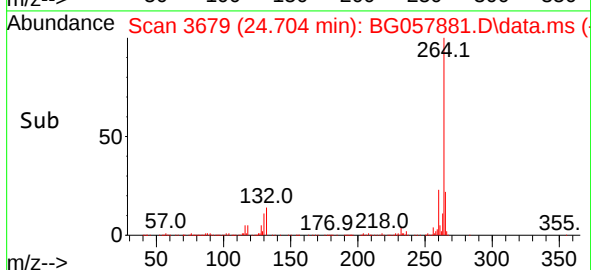
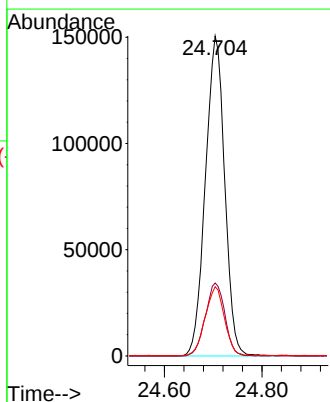
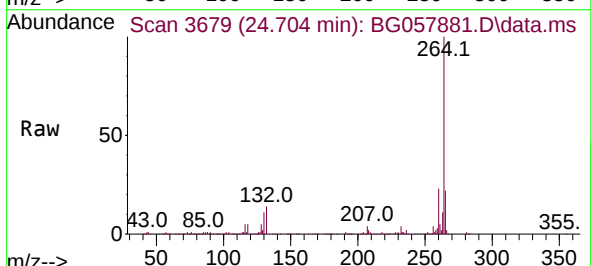
Manual Integrations
APPROVED

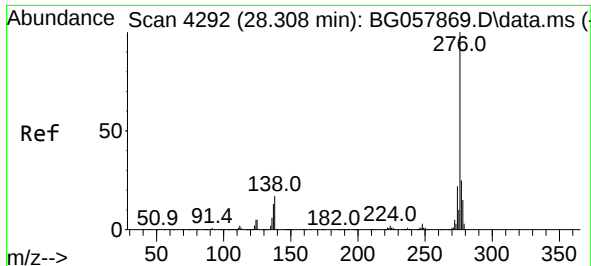
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.704 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

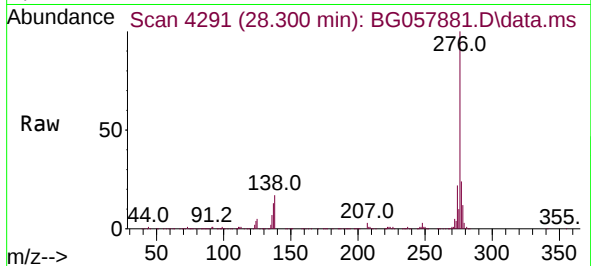
Tgt Ion:264 Resp: 412932
Ion Ratio Lower Upper
264 100
260 22.8 17.8 26.8
265 21.7 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.998 ng
RT: 28.300 min Scan# 4292
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

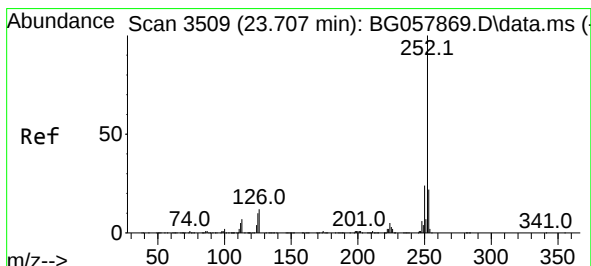
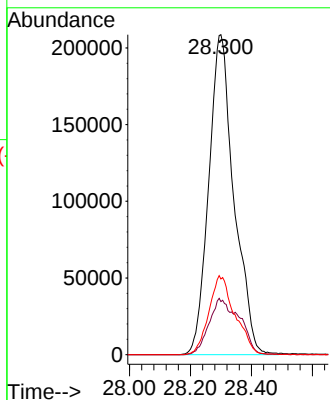
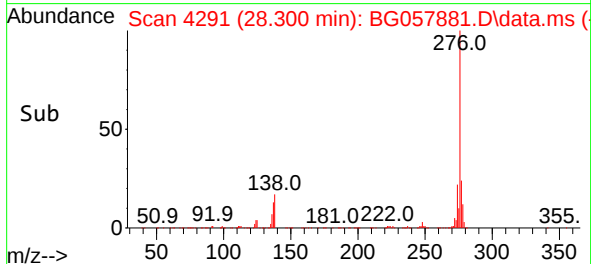
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion:276 Resp: 1203560
Ion Ratio Lower Upper
276 100
138 21.1 12.2 18.4
277 25.4 20.4 30.6

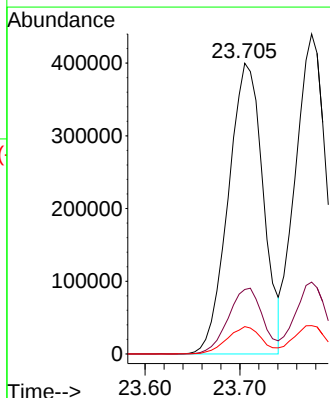
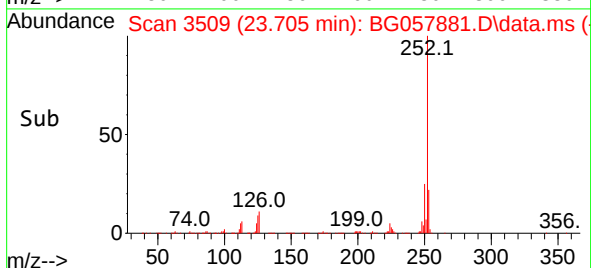
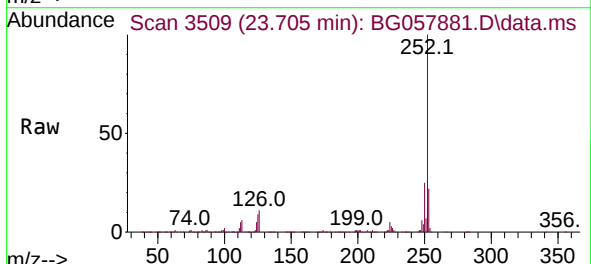
Manual Integrations
APPROVED

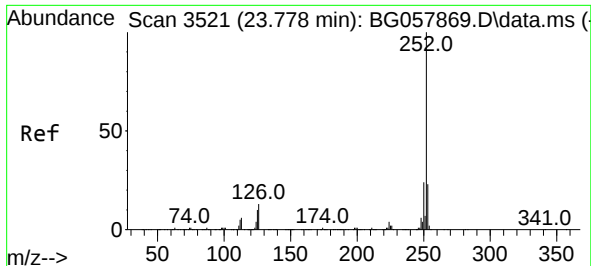
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#88
Benzo(b)fluoranthene
Concen: 45.421 ng
RT: 23.705 min Scan# 3509
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

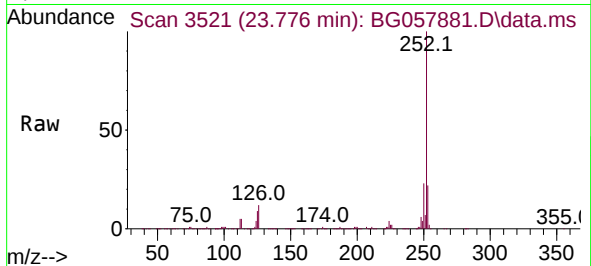
Tgt Ion:252 Resp: 1022981
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.4 7.7 11.5





#89
Benzo(k)fluoranthene
Concen: 43.920 ng
RT: 23.776 min Scan# 3521
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

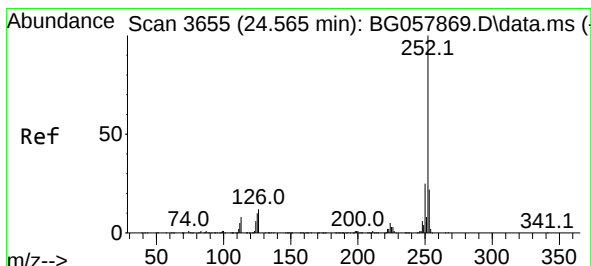
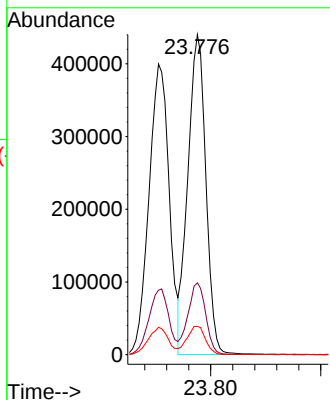
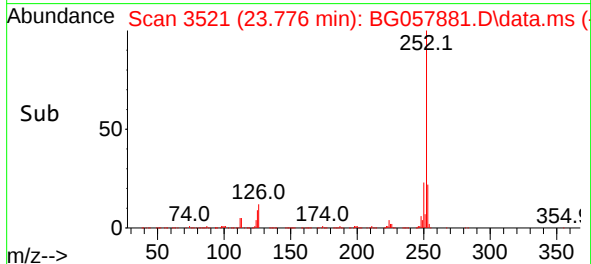
Instrument :
BNA_G
ClientSampleId :
PB153721BS



Tgt Ion:252 Resp: 99972
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.9 7.8 11.6

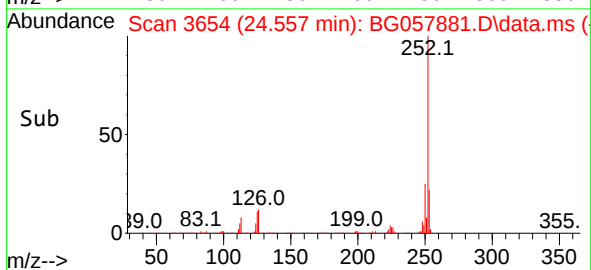
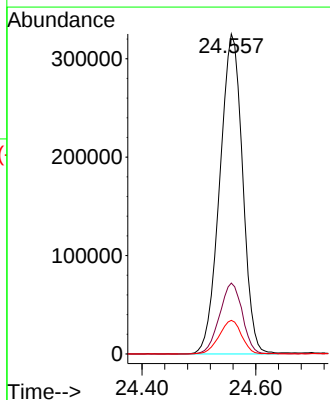
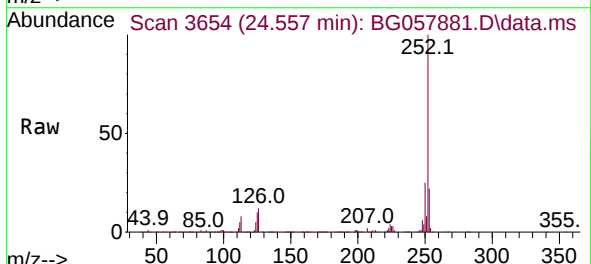
Manual Integrations
APPROVED

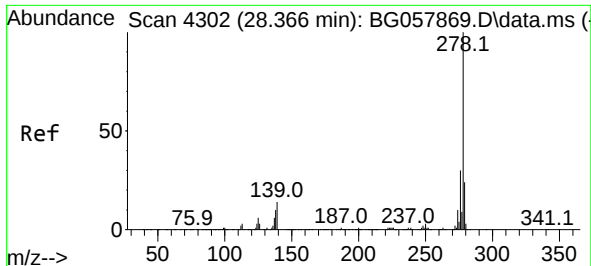
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(a)pyrene
Concen: 40.622 ng
RT: 24.557 min Scan# 3654
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

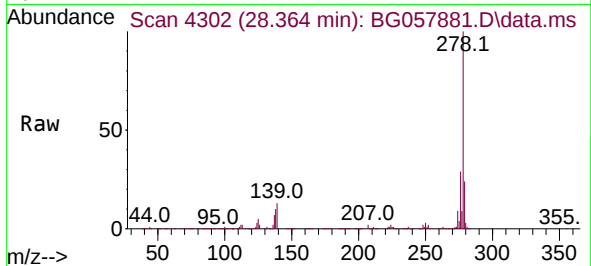
Tgt Ion:252 Resp: 906276
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 44.424 ng
RT: 28.364 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51

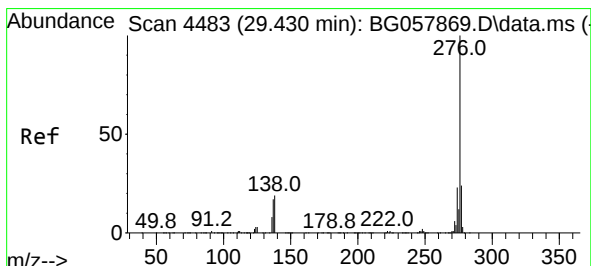
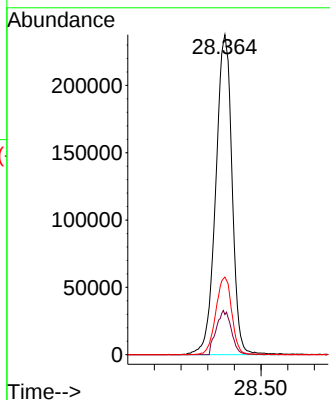
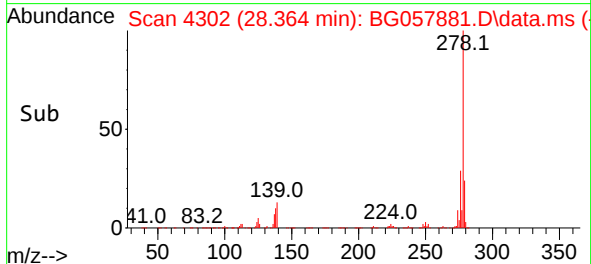
Instrument :
BNA_G
ClientSampleId :
PB153721BS



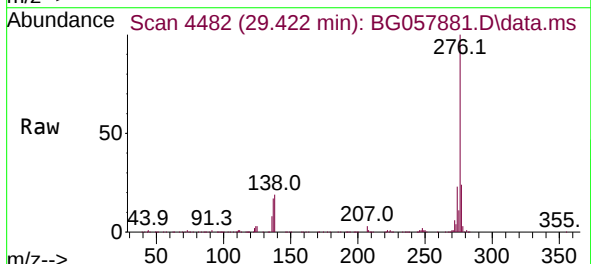
Tgt Ion:278 Resp: 100805
Ion Ratio Lower Upper
278 100
139 12.5 11.0 16.4
279 24.3 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#92
Benzo(g,h,i)perylene
Concen: 43.961 ng
RT: 29.422 min Scan# 4482
Delta R.T. -0.008 min
Lab File: BG057881.D
Acq: 28 Jun 2023 00:51



Tgt Ion:276 Resp: 991381
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 18.6 15.0 22.6

