

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057885.D
 Acq On : 28 Jun 2023 9:39
 Operator : CG/JU
 Sample : PB153813BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 11:37:38 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	38062	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	170376	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	132379	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	361270	20.000	ng	0.00
76) Chrysene-d12	21.555	240	312856	20.000	ng	0.00
86) Perylene-d12	24.704	264	376115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	335227	134.753	ng	0.00
7) Phenol-d6	7.089	99	485577	130.531	ng	0.00
23) Nitrobenzene-d5	9.087	82	271956	78.227	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	264978	119.175	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	650501	74.989	ng	0.00
79) Terphenyl-d14	19.916	244	1392191	81.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	45838	40.200	ng	97
3) Pyridine	3.781	79	106417	32.341	ng	95
4) n-Nitrosodimethylamine	3.699	42	56948	41.989	ng	# 94
6) Aniline	7.248	93	115686	24.894	ng	99
8) 2-Chlorophenol	7.489	128	125867	50.400	ng	99
10) Phenol	7.113	94	179918	49.771	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	115697	42.452	ng	98
12) 1,3-Dichlorobenzene	7.812	146	115092	44.805	ng	97
13) 1,4-Dichlorobenzene	7.959	146	119818	46.439	ng	97
14) 1,2-Dichlorobenzene	8.276	146	115091	46.093	ng	98
15) Benzyl Alcohol	8.159	79	124184	45.310	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.447	45	188476m	41.532	ng	
17) 2-Methylphenol	8.364	107	122400	45.672	ng	97
18) Hexachloroethane	9.005	117	41173	45.795	ng	96
19) n-Nitroso-di-n-propyla...	8.729	70	101594	40.814	ng	96
20) 3+4-Methylphenols	8.693	107	172108	46.094	ng	99
22) Acetophenone	8.746	105	201391	42.472	ng	98
24) Nitrobenzene	9.128	77	146173	41.889	ng	96
25) Isophorone	9.645	82	298823	39.810	ng	100
26) 2-Nitrophenol	9.839	139	65274	45.906	ng	98
27) 2,4-Dimethylphenol	9.898	122	131635	48.016	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	169845	42.106	ng	99
29) 2,4-Dichlorophenol	10.374	162	128733	47.881	ng	97
30) 1,2,4-Trichlorobenzene	10.585	180	124976	43.177	ng	99
31) Naphthalene	10.779	128	379519	41.730	ng	100
32) Benzoic acid	10.033	122	109919	51.262	ng	93
33) 4-Chloroaniline	10.885	127	81446	19.034	ng	98
34) Hexachlorobutadiene	11.061	225	74558	41.763	ng	99
35) Caprolactam	11.660	113	54131m	46.457	ng	
36) 4-Chloro-3-methylphenol	12.007	107	165569	46.385	ng	97
37) 2-Methylnaphthalene	12.383	142	269626	40.218	ng	99
38) 1-Methylnaphthalene	12.606	142	257840	40.702	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	149482	40.361	ng	99
41) Hexachlorocyclopentadiene	12.730	237	186511	93.679	ng	96
43) 2,4,6-Trichlorophenol	12.988	196	120426	44.112	ng	97
44) 2,4,5-Trichlorophenol	13.065	196	137102	42.195	ng	97

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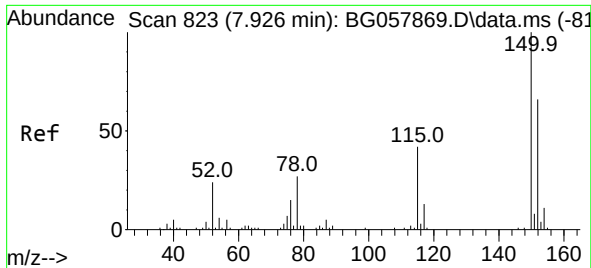
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 01:12:33 2023

Response via : Initial Calibration

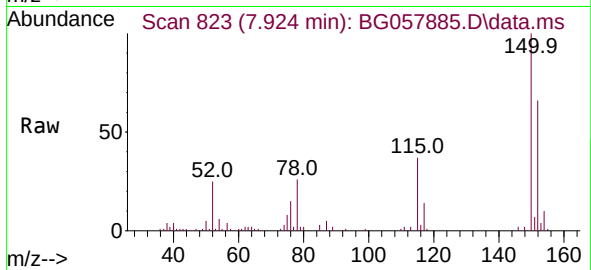
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.394	154	371376	41.187	ng	100
47) 2-Chloronaphthalene	13.435	162	289463	41.802	ng	99
48) 2-Nitroaniline	13.640	65	121261	43.950	ng	96
49) Acenaphthylene	14.281	152	499410	41.125	ng	100
50) Dimethylphthalate	14.017	163	426920	40.689	ng	99
51) 2,6-Dinitrotoluene	14.134	165	94630	43.438	ng	98
52) Acenaphthene	14.622	154	289059	40.746	ng	98
53) 3-Nitroaniline	14.463	138	68420	27.627	ng	99
54) 2,4-Dinitrophenol	14.669	184	118839	98.741	ng	96
55) Dibenzofuran	14.957	168	494248	40.618	ng	98
56) 4-Nitrophenol	14.774	139	190642	93.892	ng	99
57) 2,4-Dinitrotoluene	14.921	165	141596	44.794	ng	95
58) Fluorene	15.603	166	403411	41.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	131815	44.751	ng	100
60) Diethylphthalate	15.380	149	455815	41.213	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	212399	40.321	ng	99
62) 4-Nitroaniline	15.626	138	106707	41.076	ng	99
63) Azobenzene	15.891	77	430240	40.679	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	88663	45.606	ng	99
66) n-Nitrosodiphenylamine	15.814	169	376773	40.866	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	151872	39.824	ng	95
68) Hexachlorobenzene	16.608	284	169703	42.141	ng	99
69) Atrazine	16.760	200	149996	43.807	ng	99
70) Pentachlorophenol	16.948	266	245215	79.623	ng	99
71) Phenanthrene	17.348	178	710920	40.994	ng	100
72) Anthracene	17.436	178	732180	40.936	ng	99
73) Carbazole	17.706	167	714055	41.988	ng	99
74) Di-n-butylphthalate	18.265	149	873359	41.551	ng	100
75) Fluoranthene	19.357	202	887689	40.631	ng	99
77) Benzidine	19.534	184	271824	37.034	ng	100
78) Pyrene	19.716	202	910519	40.759	ng	99
80) Butylbenzylphthalate	20.603	149	376966	41.614	ng	97
81) Benzo(a)anthracene	21.537	228	908026	41.940	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	291881	37.888	ng	100
83) Chrysene	21.602	228	842120	41.092	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	535232	41.616	ng	99
85) Di-n-octyl phthalate	22.630	149	948457	41.791	ng	98
87) Indeno(1,2,3-cd)pyrene	28.288	276	1129203	45.320	ng	100
88) Benzo(b)fluoranthene	23.705	252	944065	46.021	ng	99
89) Benzo(k)fluoranthene	23.770	252	946492	45.651	ng	99
90) Benzo(a)pyrene	24.557	252	849391	41.799	ng	99
91) Dibenzo(a,h)anthracene	28.359	278	943962	45.672	ng	99
92) Benzo(g,h,i)perylene	29.416	276	929051	45.230	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: BG057885.D
 Acq: 28 Jun 2023 9:39

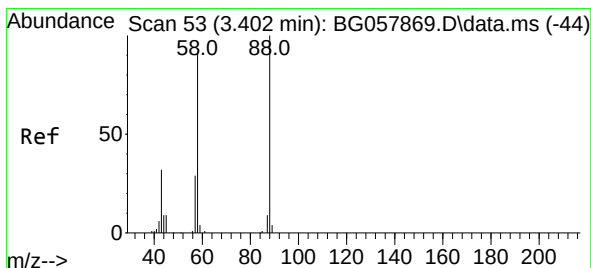
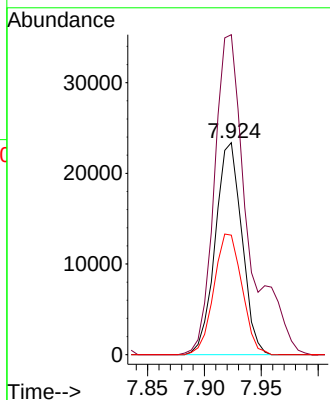
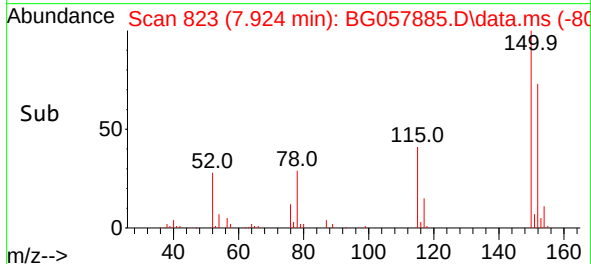
Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS



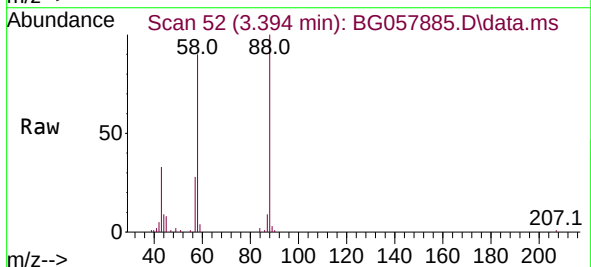
Tgt Ion:152 Resp: 38062
 Ion Ratio Lower Upper
 152 100
 150 151.0 122.0 183.0
 115 56.4 50.7 76.1

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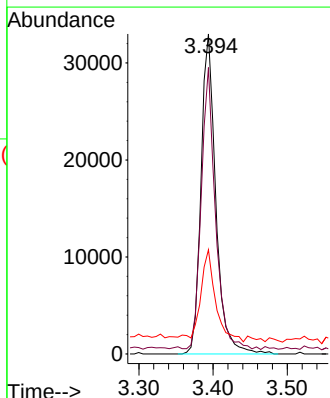
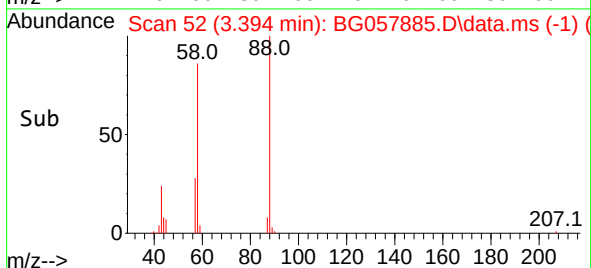
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

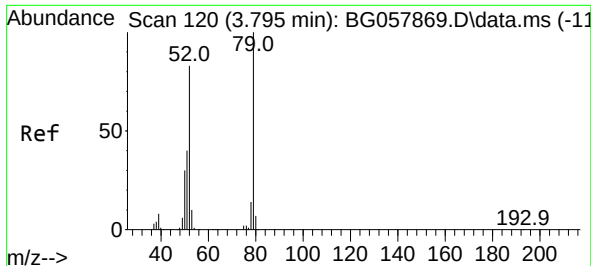


#2
 1,4-Dioxane
 Concen: 40.200 ng
 RT: 3.394 min Scan# 52
 Delta R.T. -0.008 min
 Lab File: BG057885.D
 Acq: 28 Jun 2023 9:39



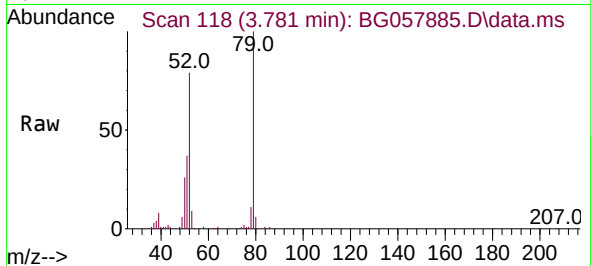
Tgt Ion: 88 Resp: 45838
 Ion Ratio Lower Upper
 88 100
 58 84.4 70.7 106.1
 43 28.4 22.9 34.3





#3
Pyridine
Concen: 32.341 ng
RT: 3.781 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

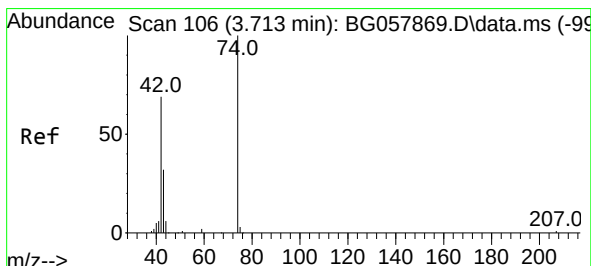
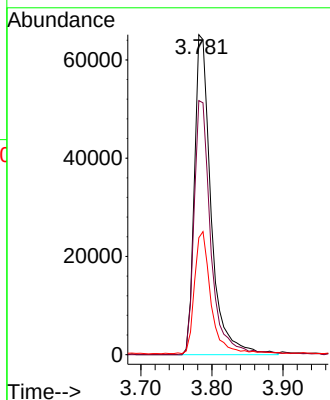
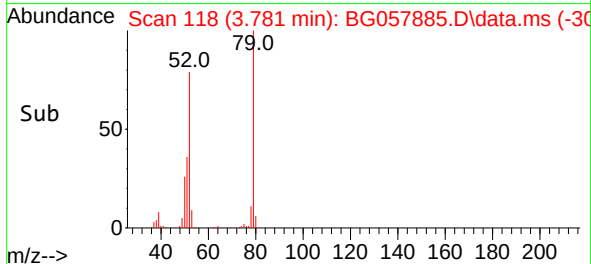
Instrument :
BNA_G
ClientSampleId :
PB153813BS



Tgt Ion: 79 Resp: 10641
Ion Ratio Lower Upper
79 100
52 79.4 66.6 99.8
51 36.6 32.2 48.2

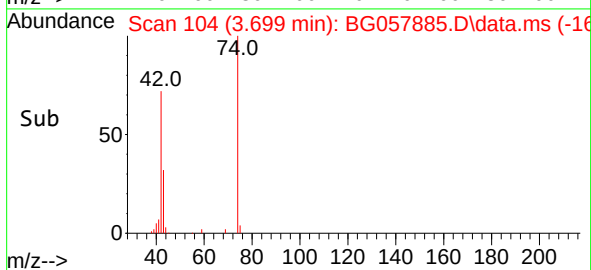
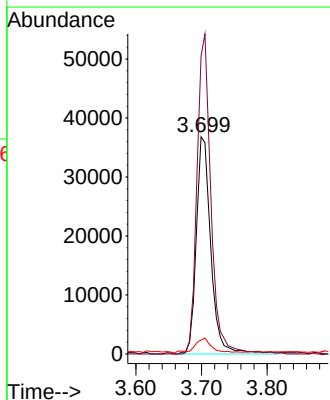
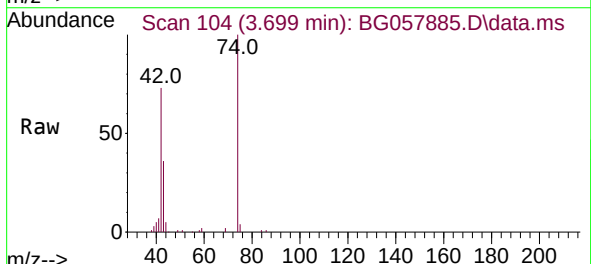
Manual Integrations
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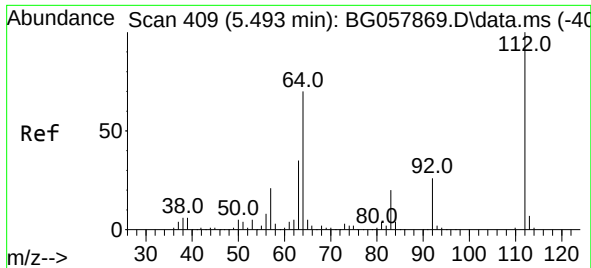
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#4
n-Nitrosodimethylamine
Concen: 41.989 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.014 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion: 42 Resp: 56948
Ion Ratio Lower Upper
42 100
74 137.2 116.2 174.2
44 6.4 7.3 10.9#





#5
2-Fluorophenol
Concen: 134.753 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

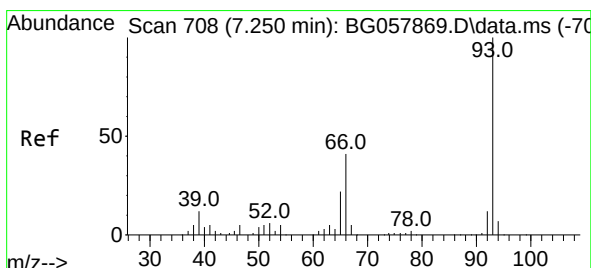
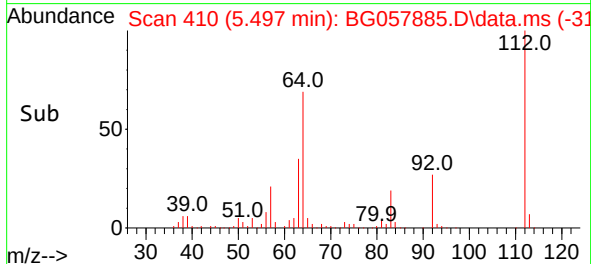
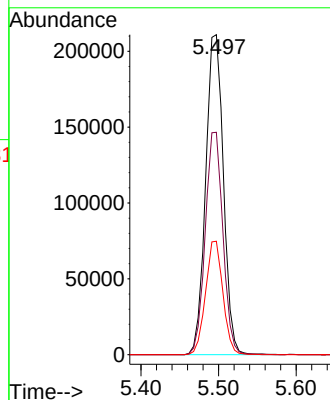
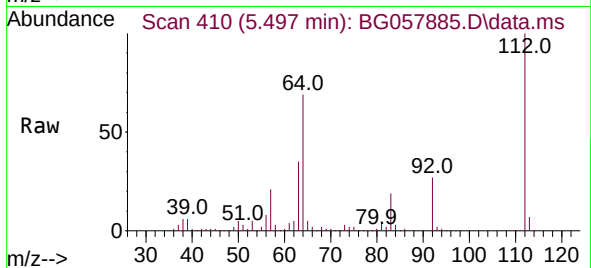
PB153813BS

Tgt Ion:112 Resp: 335227
Ion Ratio Lower Upper
112 100
64 69.5 55.8 83.6
63 35.4 27.9 41.9

Manual Integrations

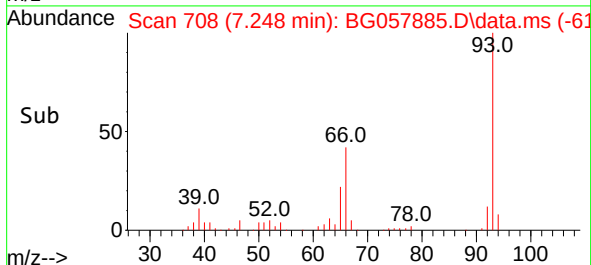
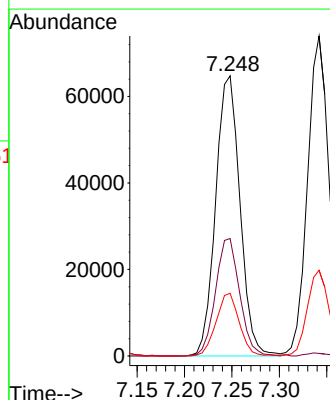
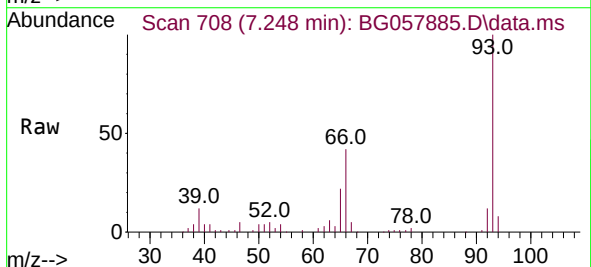
APPROVED

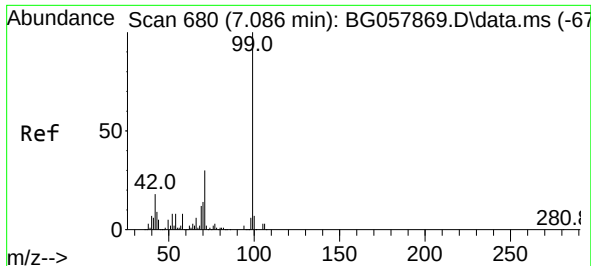
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 24.894 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

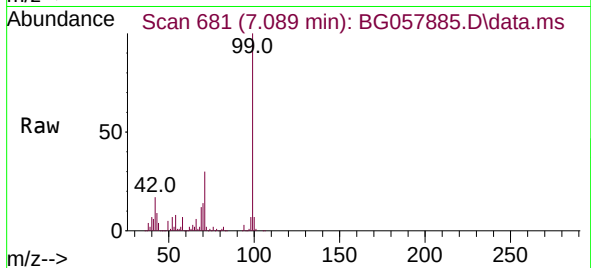
Tgt Ion: 93 Resp: 115686
Ion Ratio Lower Upper
93 100
66 41.9 32.8 49.2
65 22.4 17.7 26.5





#7
Phenol-d6
Concen: 130.531 ng
RT: 7.089 min Scan# 680
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

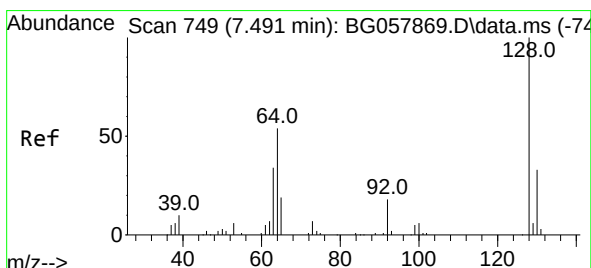
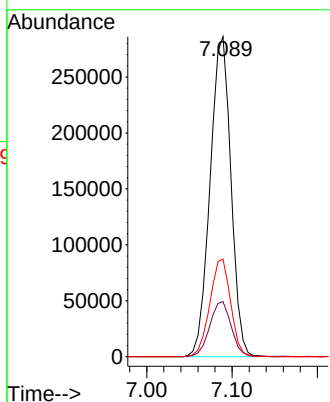
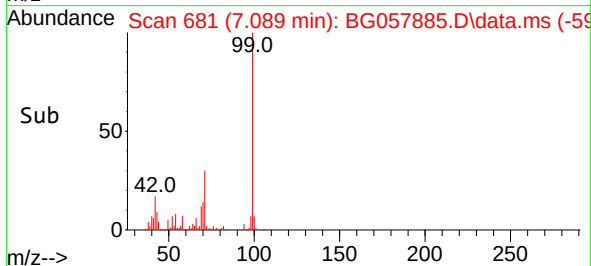
Instrument :
BNA_G
ClientSampleId :
PB153813BS



Tgt Ion: 99 Resp: 48557
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 30.5 23.9 35.9

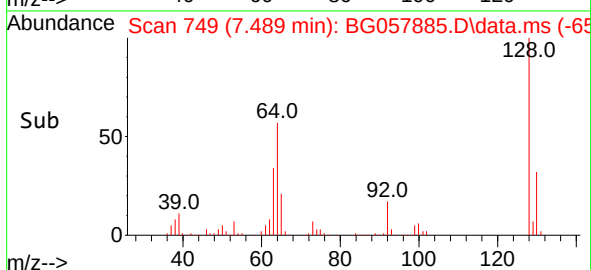
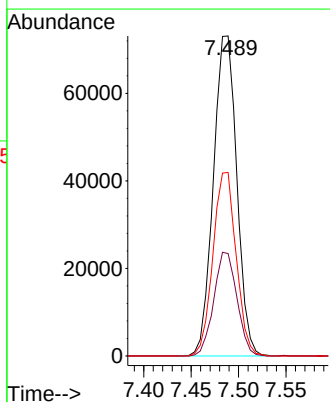
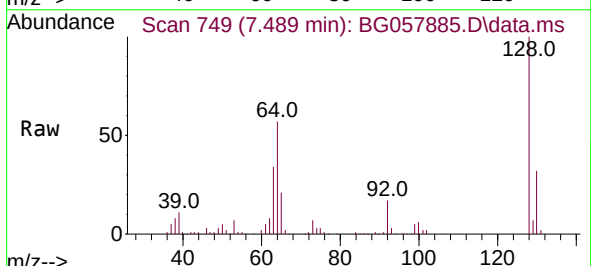
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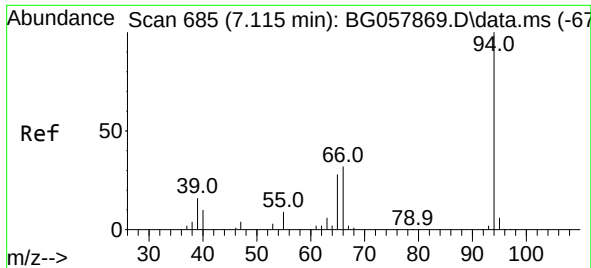
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#8
2-Chlorophenol
Concen: 50.400 ng
RT: 7.489 min Scan# 749
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:128 Resp: 125867
Ion Ratio Lower Upper
128 100
130 32.0 12.9 52.9
64 57.4 37.1 77.1





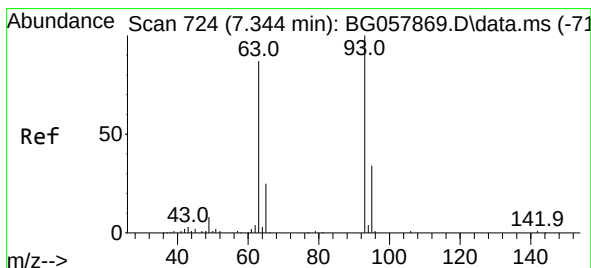
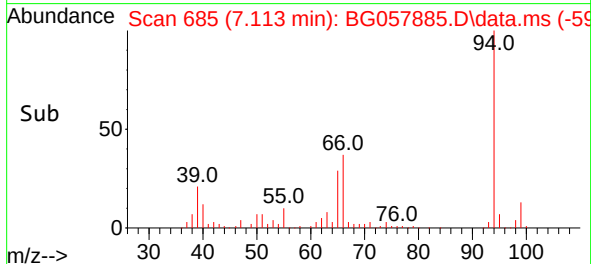
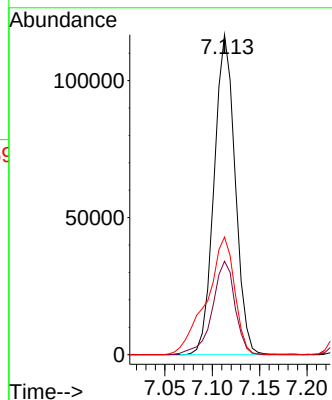
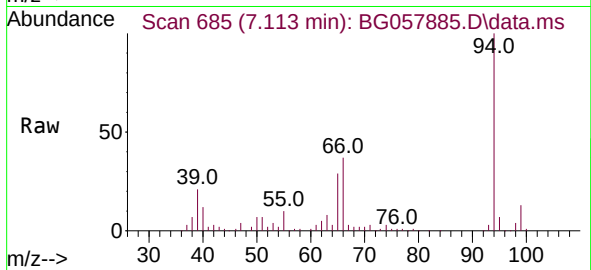
#10
Phenol
Concen: 49.771 ng
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :
BNA_G
ClientSampleId :
PB153813BS

Tgt Ion: 94 Resp: 179918
Ion Ratio Lower Upper
94 100
65 29.2 7.8 47.8
66 36.8 13.6 53.6

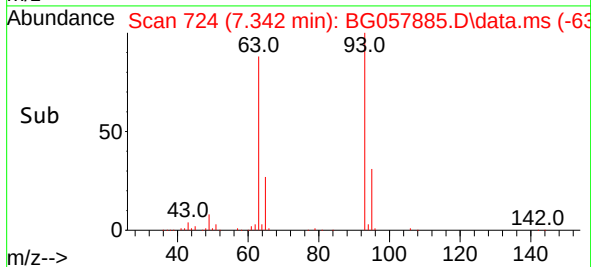
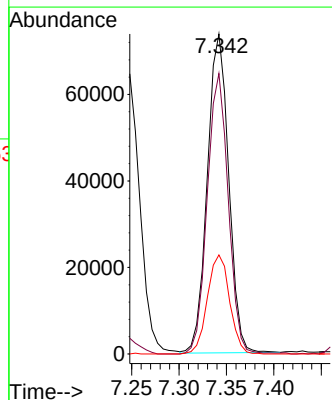
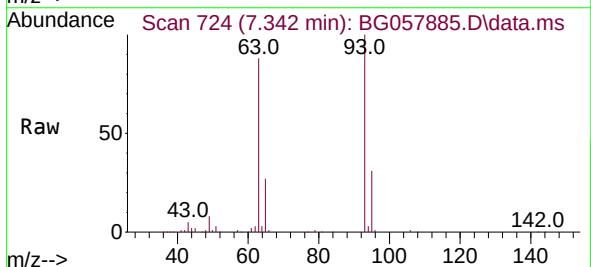
Manual Integrations
APPROVED

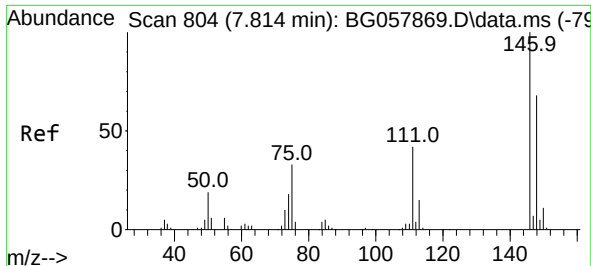
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#11
bis(2-Chloroethyl)ether
Concen: 42.452 ng
RT: 7.342 min Scan# 724
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion: 93 Resp: 115697
Ion Ratio Lower Upper
93 100
63 87.6 66.9 106.9
95 31.0 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 44.805 ng

RT: 7.812 min Scan# 804

Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

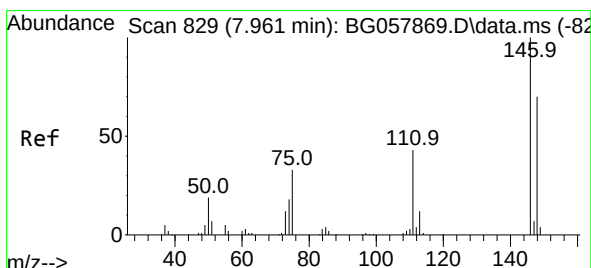
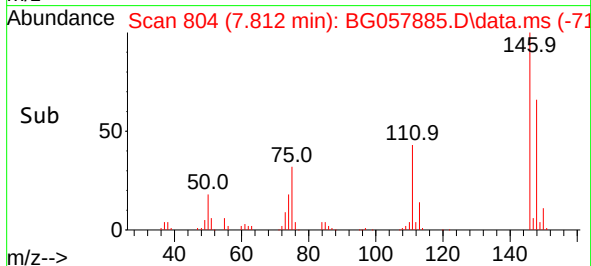
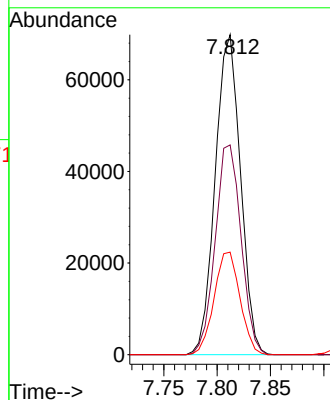
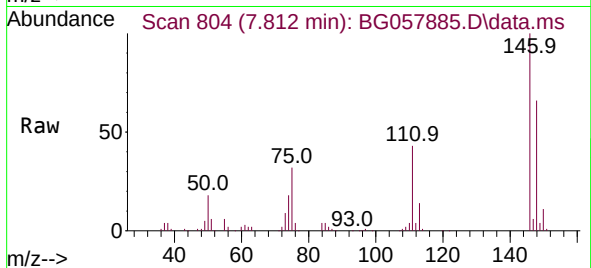
Tgt Ion:146 Resp: 115092
 Ion Ratio Lower Upper
 146 100
 148 65.5 54.5 81.7
 75 32.1 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#13

1,4-Dichlorobenzene

Concen: 46.439 ng

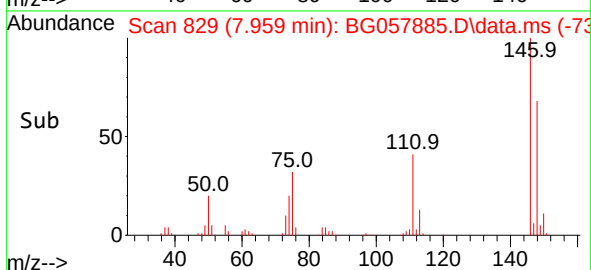
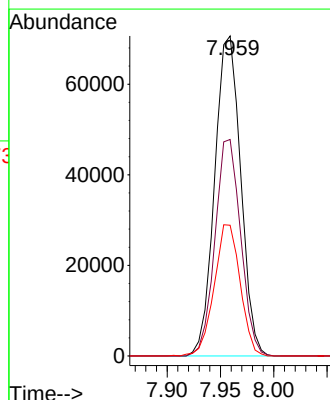
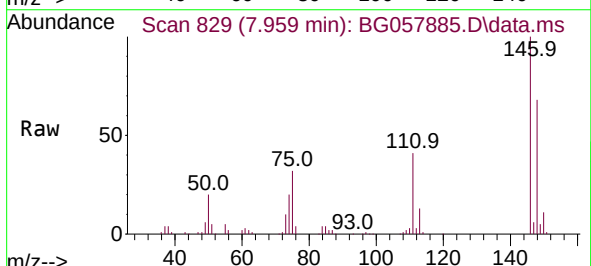
RT: 7.959 min Scan# 829

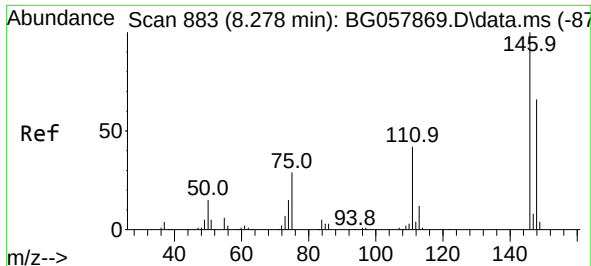
Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Tgt Ion:146 Resp: 119818
 Ion Ratio Lower Upper
 146 100
 148 67.7 55.7 83.5
 111 40.8 34.7 52.1





#14
1,2-Dichlorobenzene
Concen: 46.093 ng
RT: 8.276 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

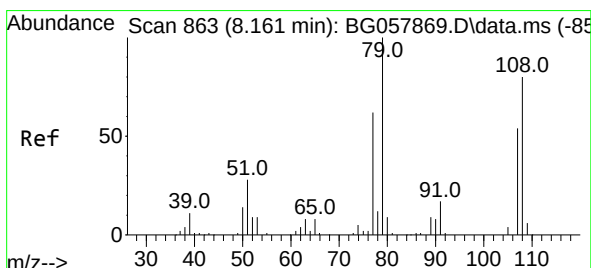
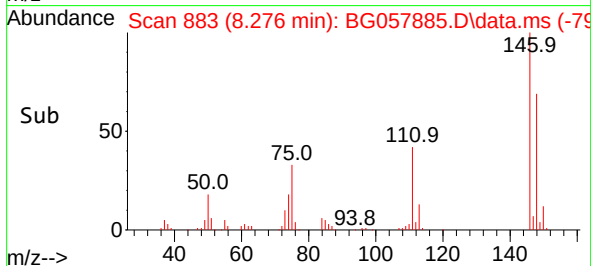
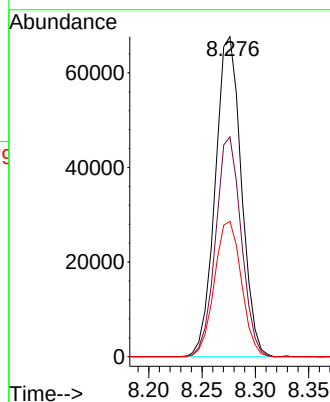
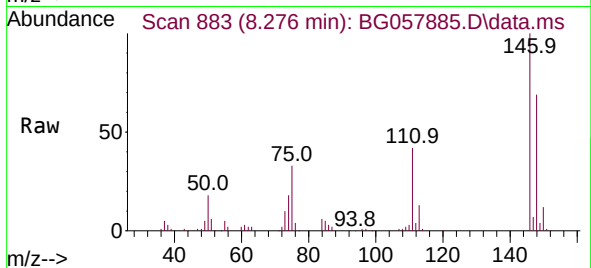
PB153813BS

Tgt Ion:146 Resp: 11509
Ion Ratio Lower Upper
146 100
148 68.7 53.0 79.6
111 42.3 34.3 51.5

Manual Integrations

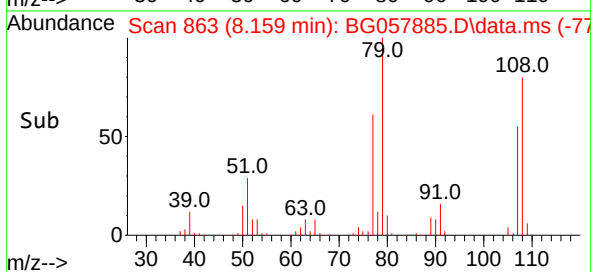
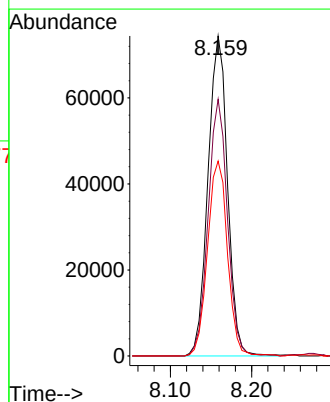
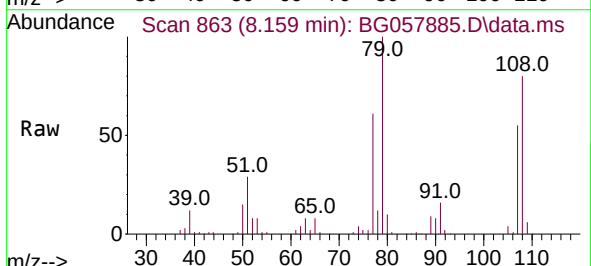
APPROVED

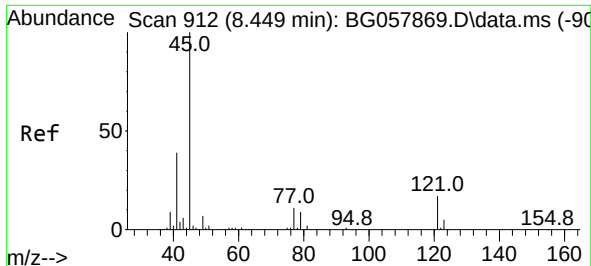
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#15
Benzyl Alcohol
Concen: 45.310 ng
RT: 8.159 min Scan# 863
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

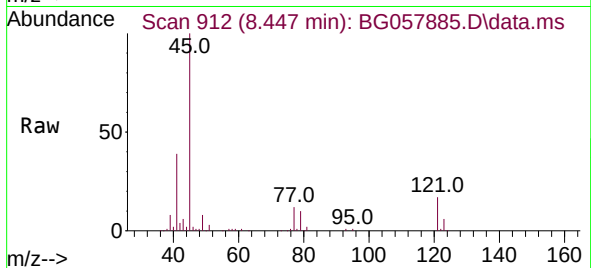
Tgt Ion: 79 Resp: 124184
Ion Ratio Lower Upper
79 100
108 80.2 64.0 96.0
77 60.9 49.6 74.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.532 ng m
RT: 8.447 min Scan# 912
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

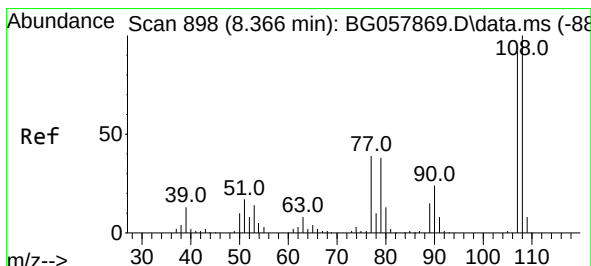
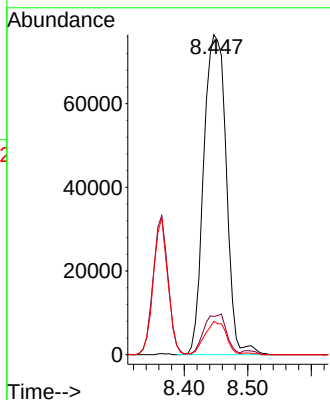
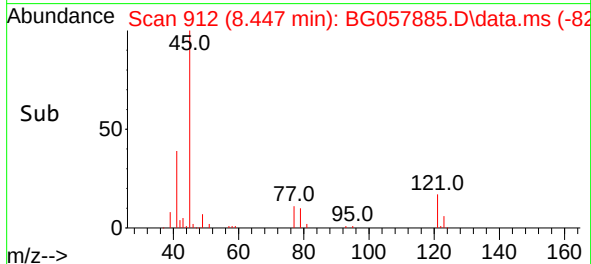
Instrument :
BNA_G
ClientSampleId :
PB153813BS



Tgt Ion: 45 Resp: 188470
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.1
79 10.4 0.0 29.8

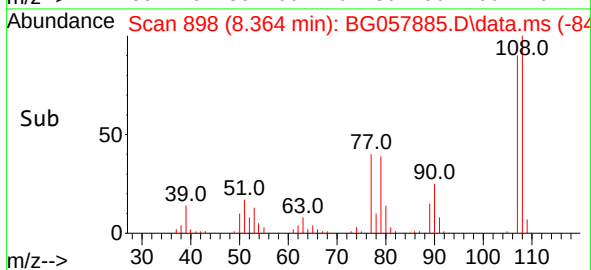
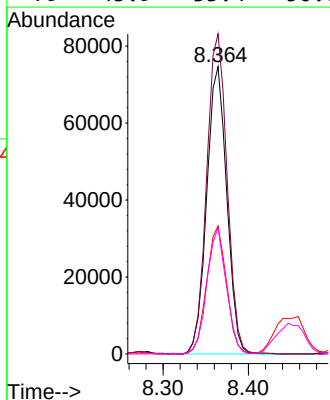
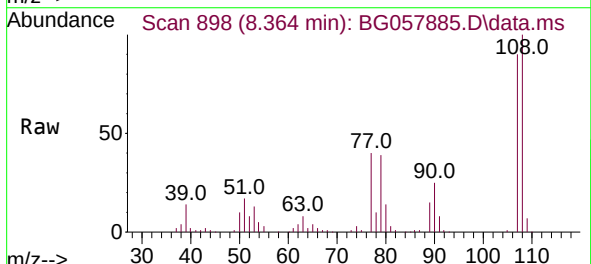
Manual Integrations
APPROVED

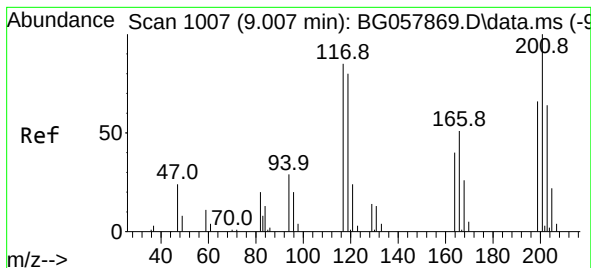
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#17
2-Methylphenol
Concen: 45.672 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:107 Resp: 122400
Ion Ratio Lower Upper
107 100
108 111.4 87.2 130.8
77 44.6 34.2 51.4
79 43.9 33.4 50.0





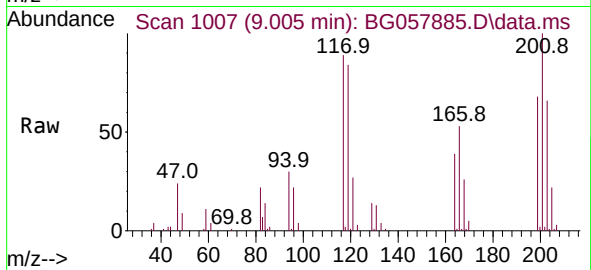
#18
Hexachloroethane
Concen: 45.795 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

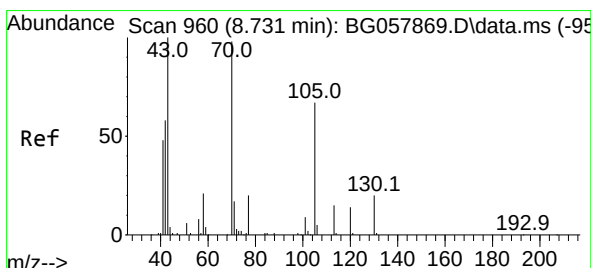
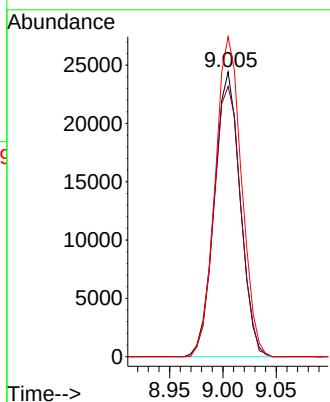
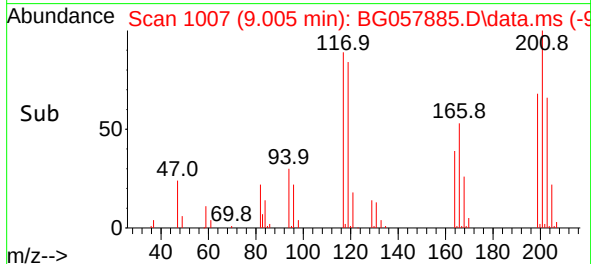


Tgt Ion:117 Resp: 4117
Ion Ratio Lower Upper
117 100
119 93.3 74.7 112.1
201 110.5 93.9 140.9

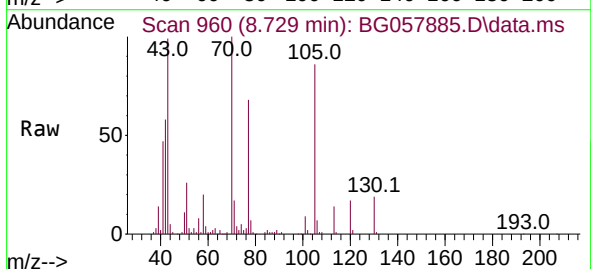
Manual Integrations

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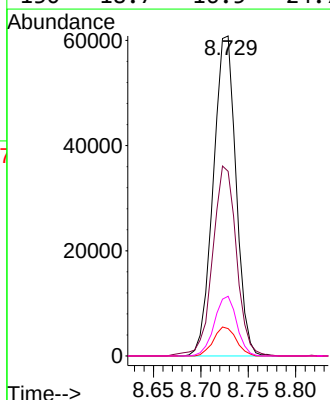
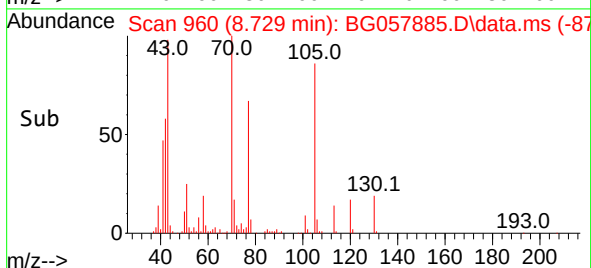
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

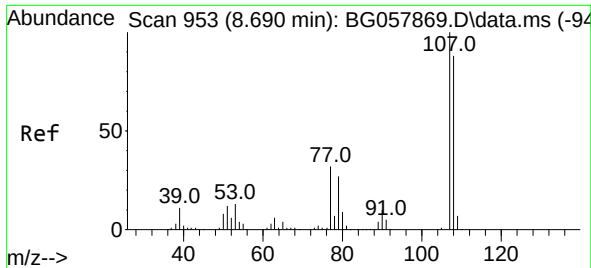


#19
n-Nitroso-di-n-propylamine
Concen: 40.814 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion: 70 Resp: 101594
Ion Ratio Lower Upper
70 100
42 57.7 48.4 72.6
101 8.5 7.2 10.8
130 18.7 16.5 24.7





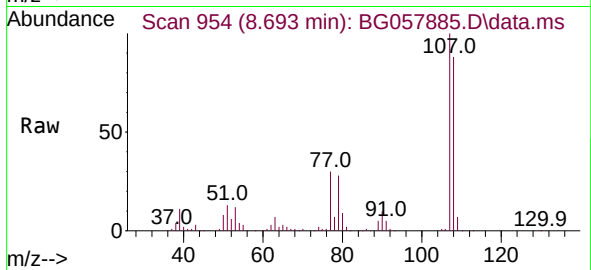
#20
3+4-Methylphenols
Concen: 46.094 ng
RT: 8.693 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

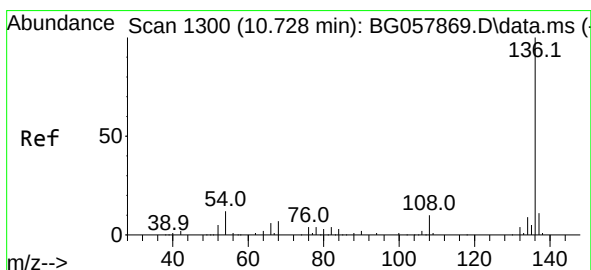
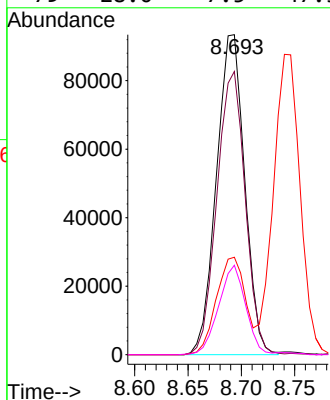
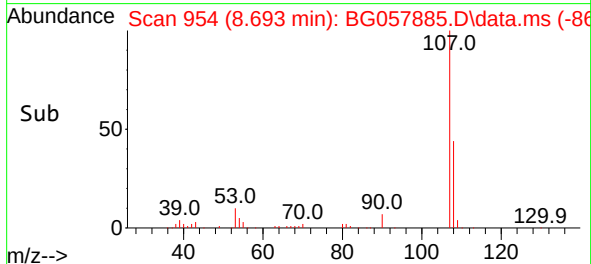


Tgt Ion:107 Resp: 172108
Ion Ratio Lower Upper
107 100
108 88.5 67.7 107.7
77 30.4 11.8 51.8
79 28.0 7.5 47.5

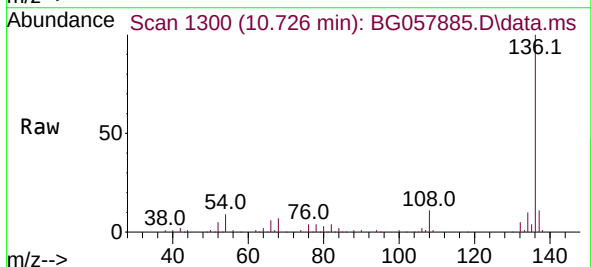
Manual Integrations

APPROVED

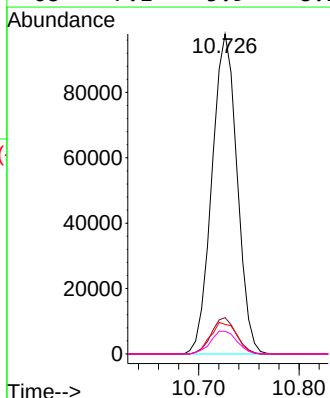
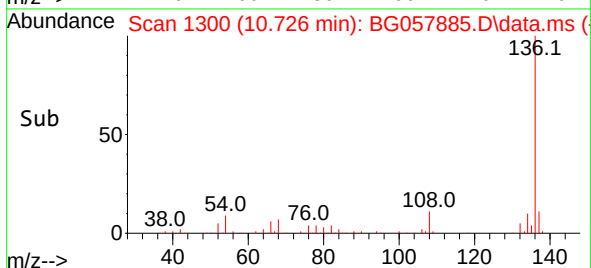
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

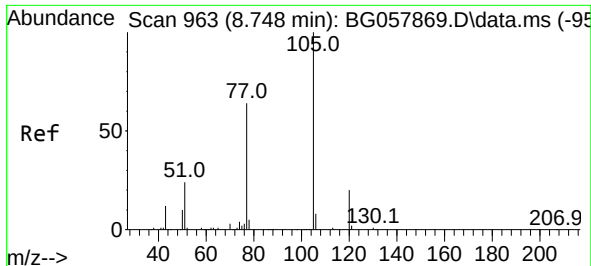


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



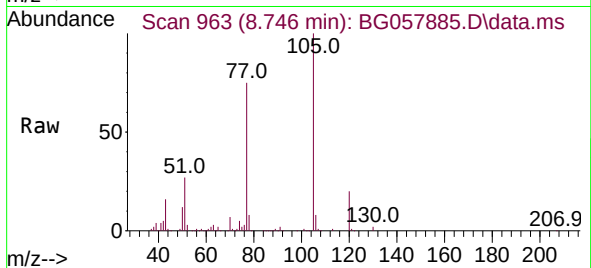
Tgt Ion:136 Resp: 170376
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.3 9.3 13.9#
68 7.1 5.9 8.9





#22
Acetophenone
Concen: 42.472 ng
RT: 8.746 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

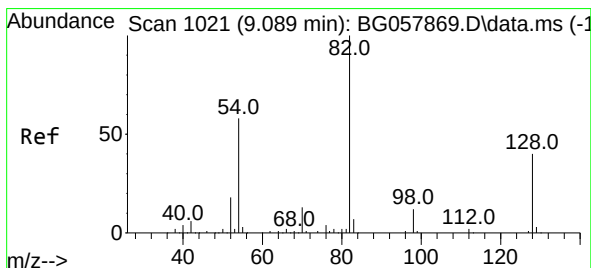
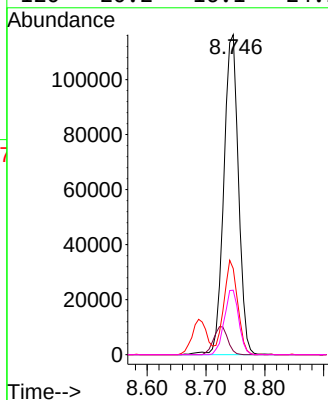
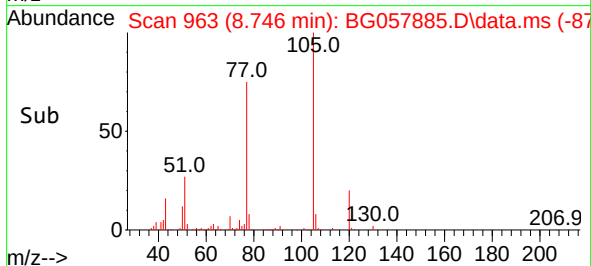
Instrument :
BNA_G
ClientSampleId :
PB153813BS



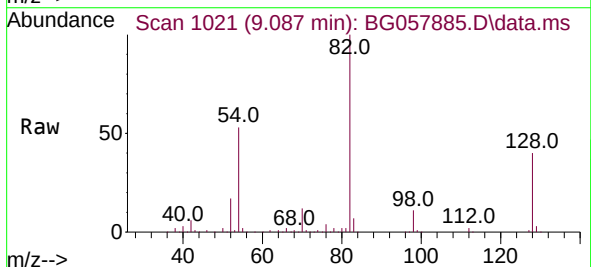
Tgt Ion: 105 Resp: 20139
Ion Ratio Lower Upper
105 100
71 1.2 1.1 1.7
51 26.9 23.0 34.6
120 20.2 16.1 24.1

Manual Integrations
APPROVED

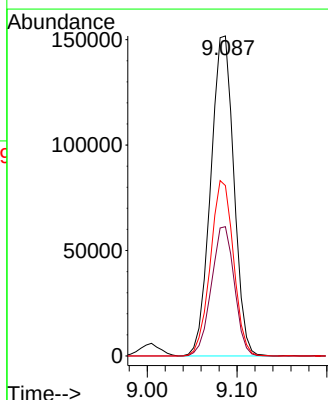
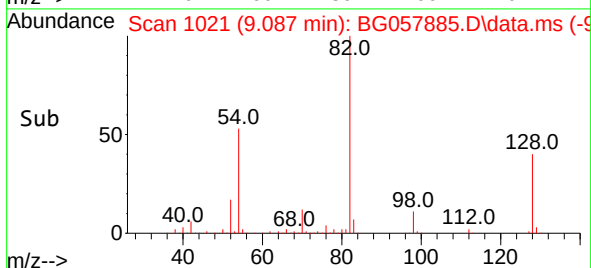
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

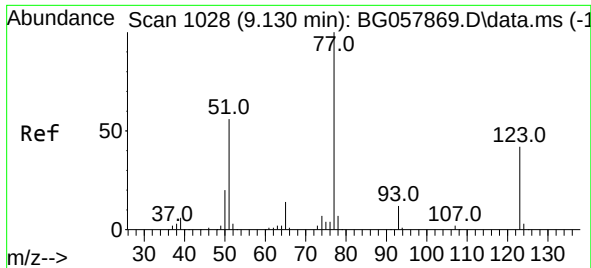


#23
Nitrobenzene-d5
Concen: 78.227 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion: 82 Resp: 271956
Ion Ratio Lower Upper
82 100
128 40.4 32.2 48.4
54 53.3 46.1 69.1





#24
Nitrobenzene
Concen: 41.889 ng
RT: 9.128 min Scan# 1028
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

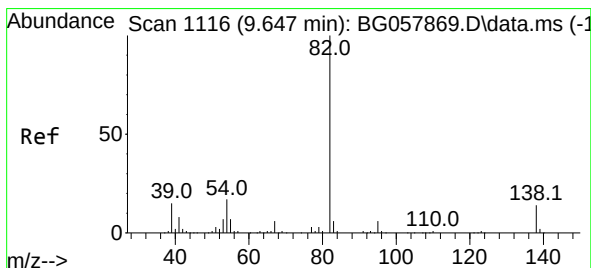
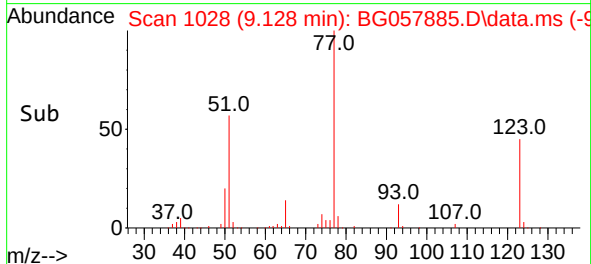
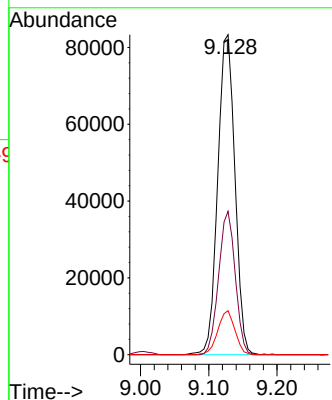
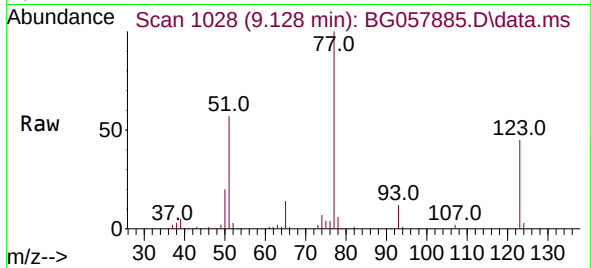
PB153813BS

Tgt Ion: 77 Resp: 14617
Ion Ratio Lower Upper
77 100
123 44.8 33.6 50.4
65 13.7 11.4 17.0

Manual Integrations

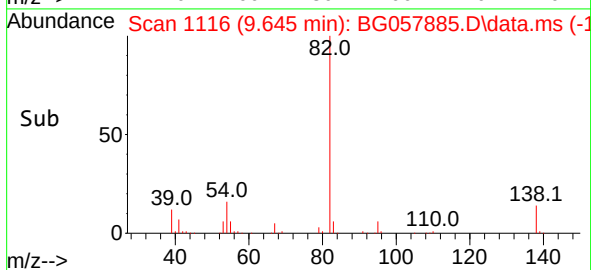
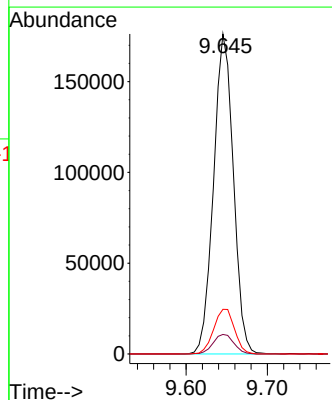
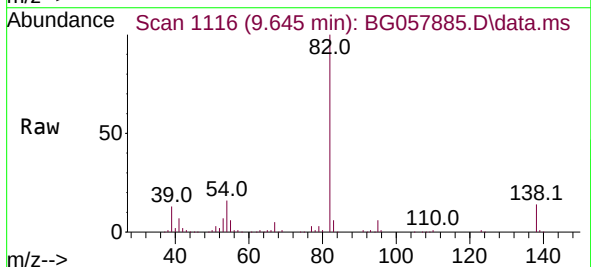
APPROVED

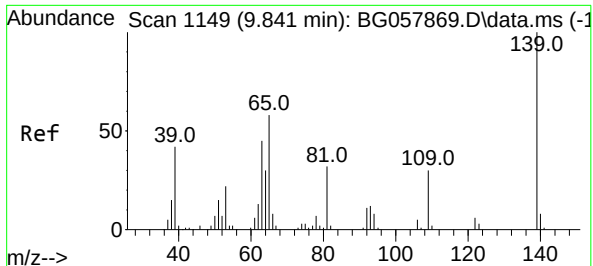
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#25
Isophorone
Concen: 39.810 ng
RT: 9.645 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion: 82 Resp: 298823
Ion Ratio Lower Upper
82 100
95 6.1 5.0 7.6
138 14.0 11.3 16.9





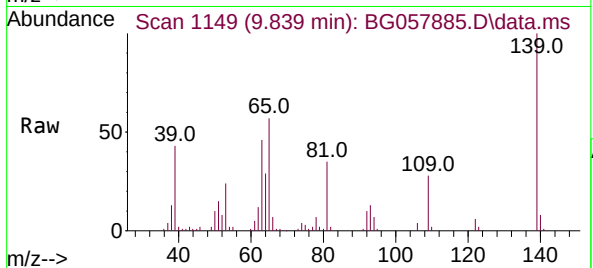
#26
2-Nitrophenol
Concen: 45.906 ng
RT: 9.839 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

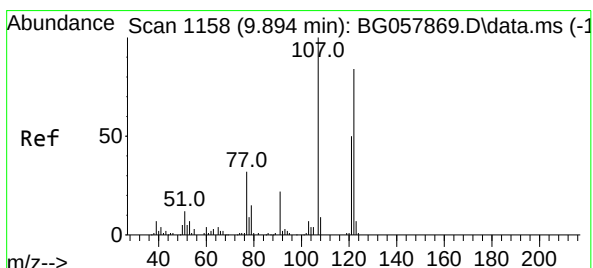
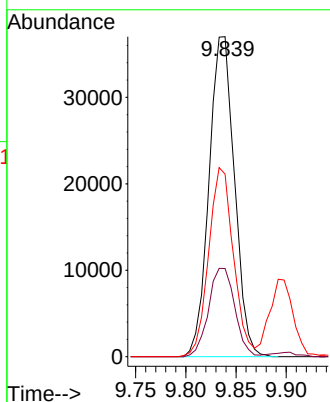
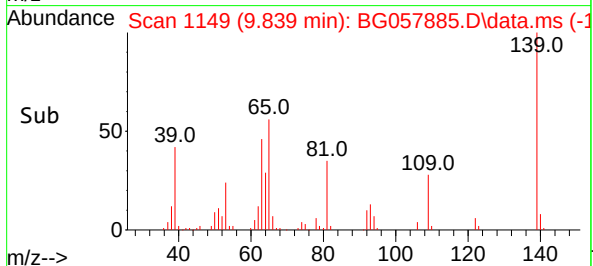


Tgt Ion:139 Resp: 65274
Ion Ratio Lower Upper
139 100
109 27.5 23.7 35.5
65 57.1 46.6 69.8

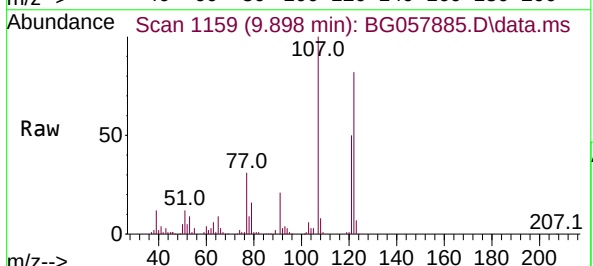
Manual Integrations

APPROVED

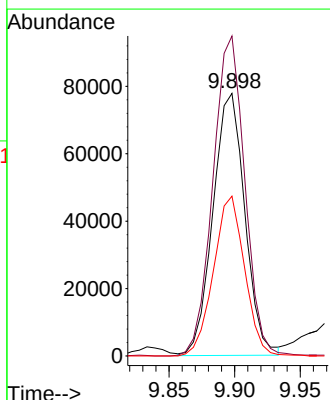
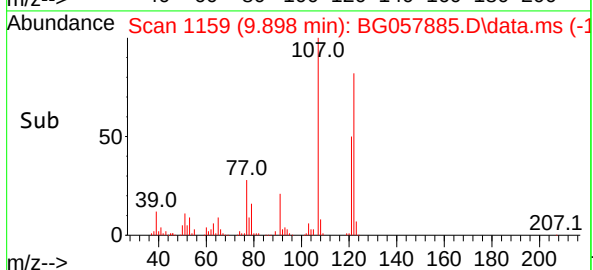
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

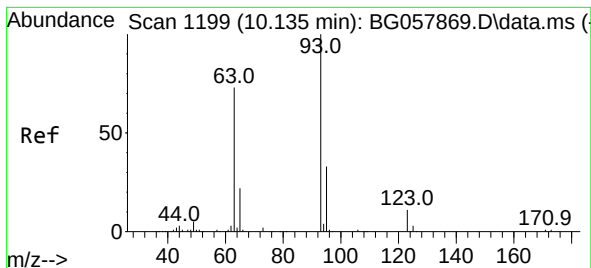


#27
2,4-Dimethylphenol
Concen: 48.016 ng
RT: 9.898 min Scan# 1159
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



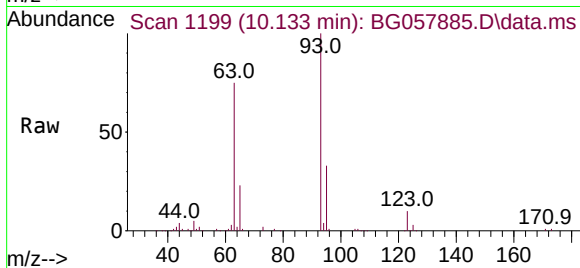
Tgt Ion:122 Resp: 131635
Ion Ratio Lower Upper
122 100
107 121.8 94.9 142.3
121 60.8 46.8 70.2





#28
bis(2-Chloroethoxy)methane
Concen: 42.106 ng
RT: 10.133 min Scan# 1199
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

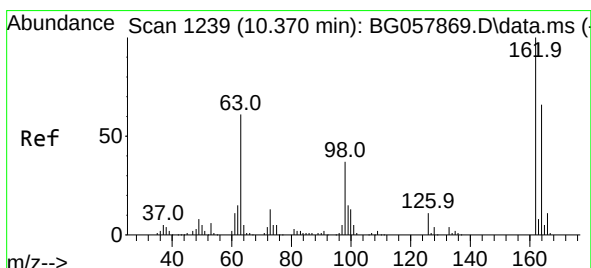
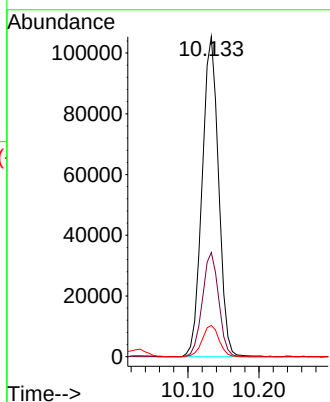
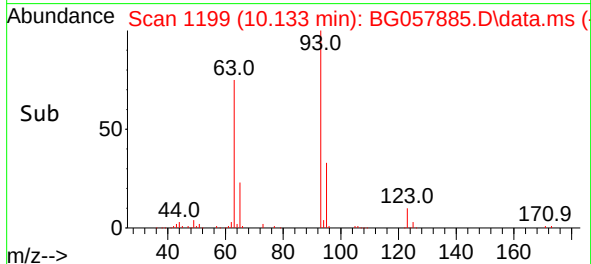
Instrument :
BNA_G
ClientSampleId :
PB153813BS



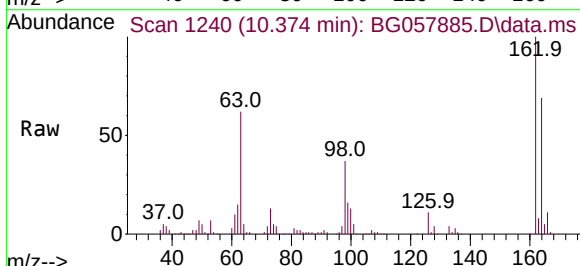
Tgt Ion: 93 Resp: 16984
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 9.8 8.5 12.7

Manual Integrations
APPROVED

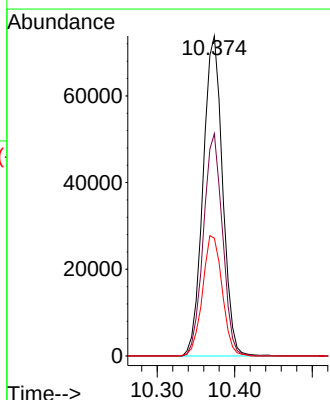
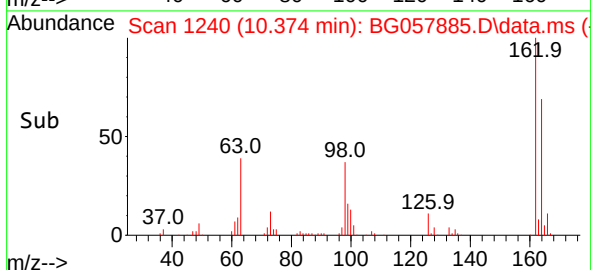
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

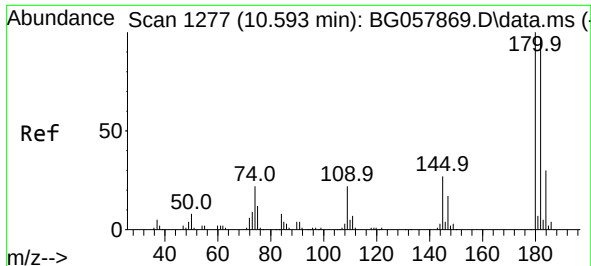


#29
2,4-Dichlorophenol
Concen: 47.881 ng
RT: 10.374 min Scan# 1240
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:162 Resp: 128733
Ion Ratio Lower Upper
162 100
164 69.4 46.1 86.1
98 36.8 16.8 56.8





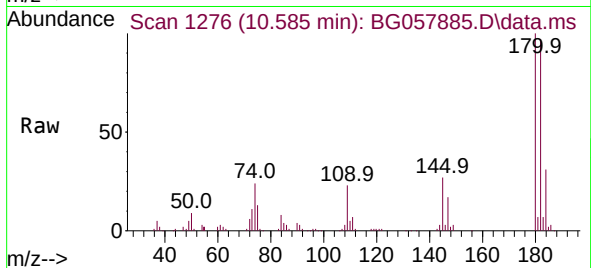
#30
1,2,4-Trichlorobenzene
Concen: 43.177 ng
RT: 10.585 min Scan# 1276
Delta R.T. -0.008 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

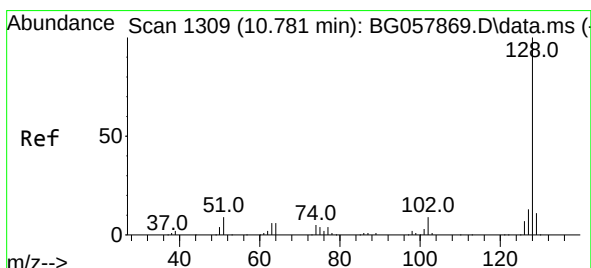
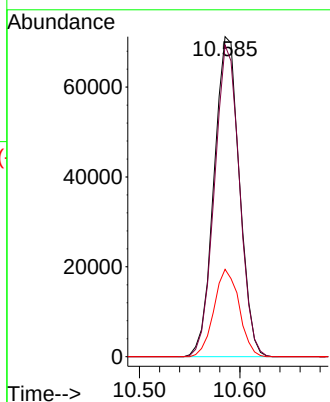
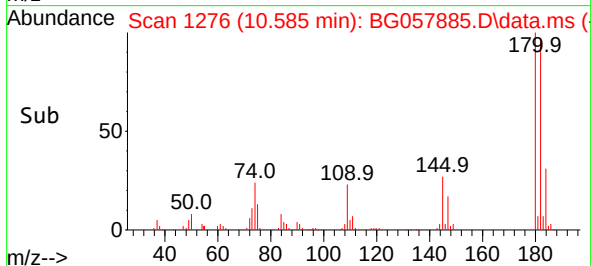


Tgt Ion:180 Resp: 124970
Ion Ratio Lower Upper
180 100
182 97.3 77.2 115.8
145 27.3 21.7 32.5

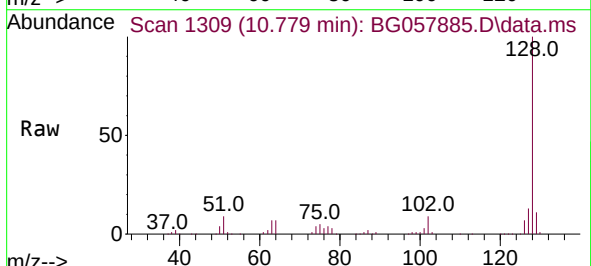
Manual Integrations

APPROVED

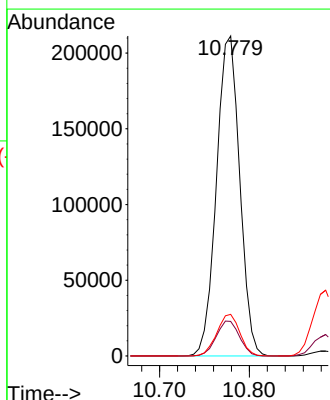
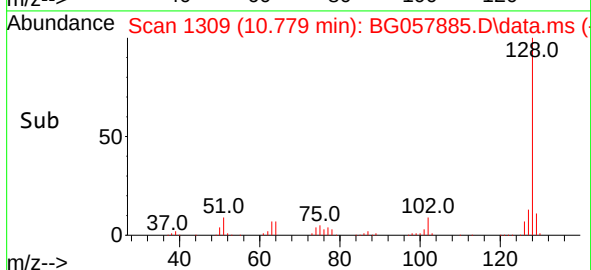
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

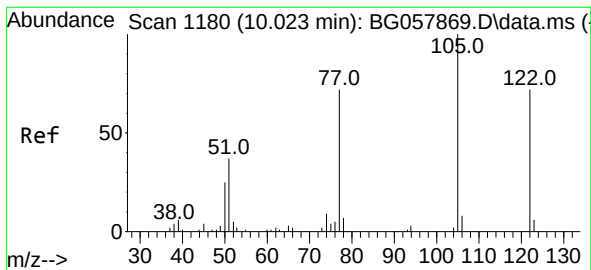


#31
Naphthalene
Concen: 41.730 ng
RT: 10.779 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



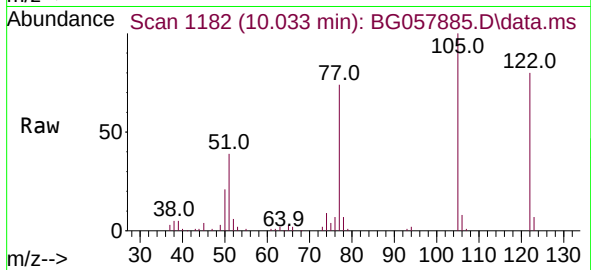
Tgt Ion:128 Resp: 379519
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.0 10.3 15.5





#32
Benzoic acid
Concen: 51.262 ng
RT: 10.033 min Scan# 1180
Delta R.T. 0.010 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

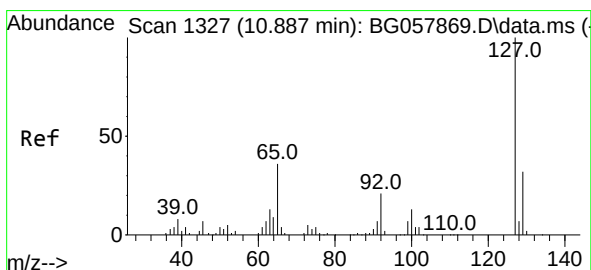
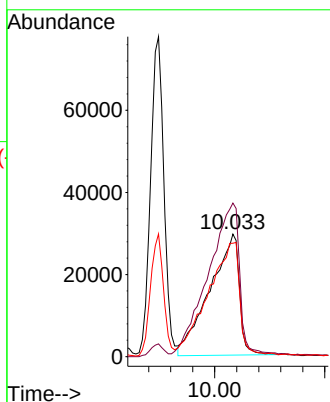
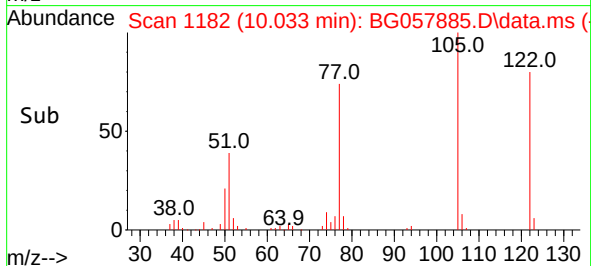
Instrument :
BNA_G
ClientSampleId :
PB153813BS



Tgt Ion:122 Resp: 109919
Ion Ratio Lower Upper
122 100
105 125.3 115.4 155.4
77 92.6 78.7 118.7

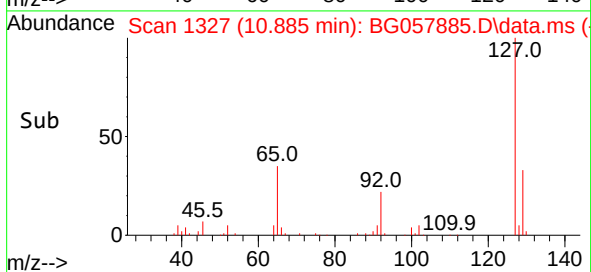
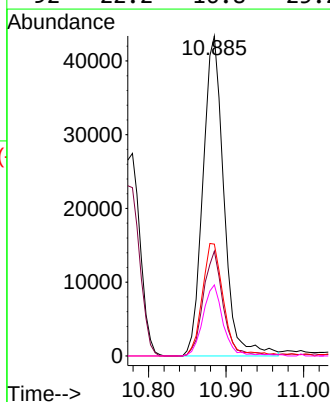
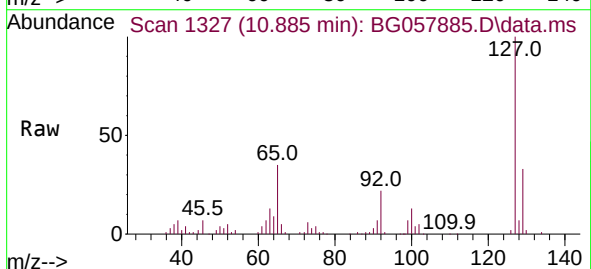
Manual Integrations
APPROVED

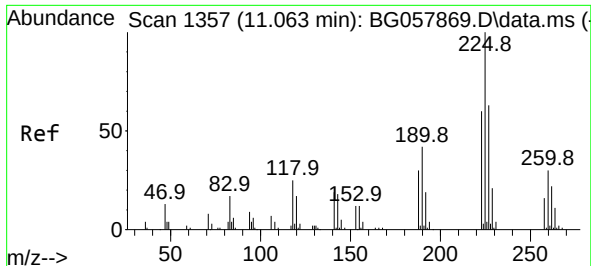
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#33
4-Chloroaniline
Concen: 19.034 ng
RT: 10.885 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:127 Resp: 81446
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.6
65 34.9 28.7 43.1
92 22.2 16.8 25.2





#34
Hexachlorobutadiene
Concen: 41.763 ng
RT: 11.061 min Scan# 11061
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

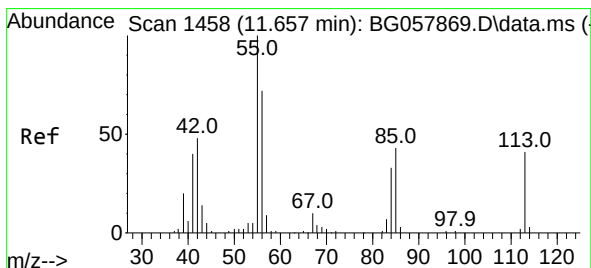
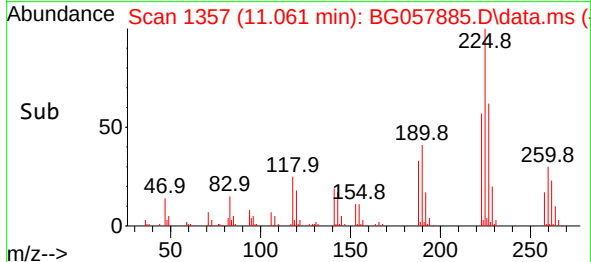
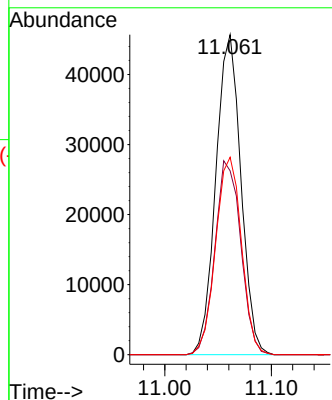
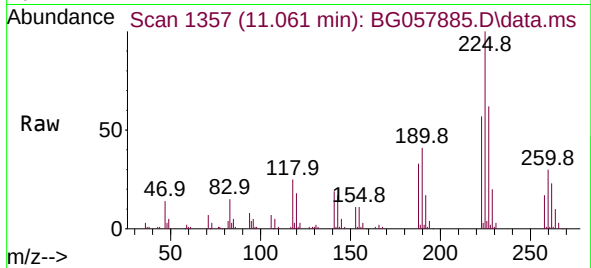
ClientSampleId :

PB153813BS

Tgt Ion:225 Resp: 74558
Ion Ratio Lower Upper
225 100
223 60.7 48.0 72.0
227 64.0 50.2 75.4

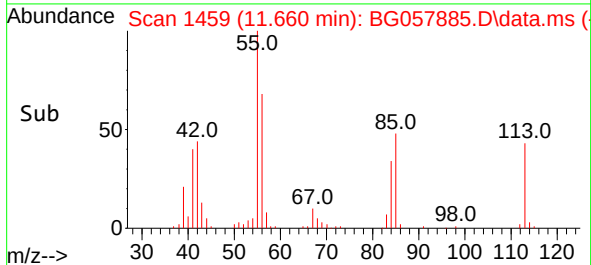
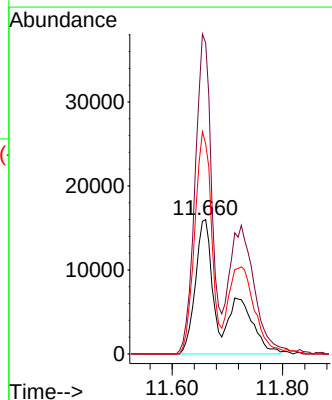
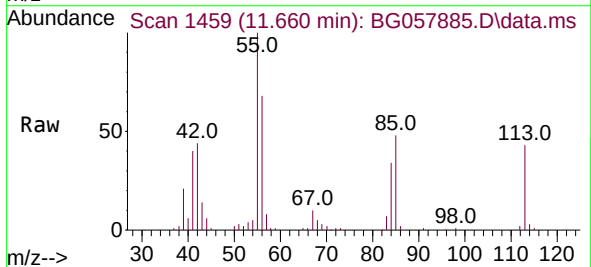
Manual Integrations
APPROVED

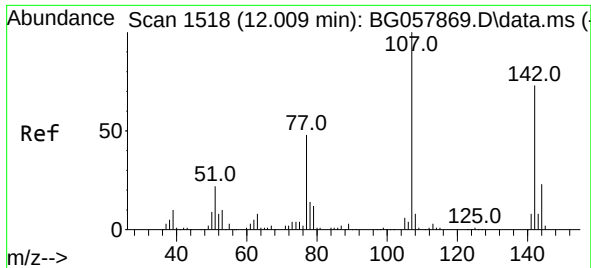
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#35
Caprolactam
Concen: 46.457 ng m
RT: 11.660 min Scan# 1459
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:113 Resp: 54131
Ion Ratio Lower Upper
113 100
55 231.5 224.7 264.7
56 156.4 155.9 195.9





#36
4-Chloro-3-methylphenol
Concen: 46.385 ng
RT: 12.007 min Scan# 1518
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

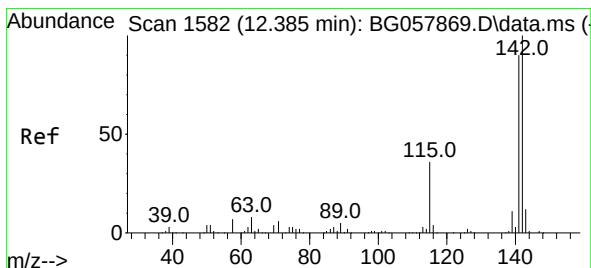
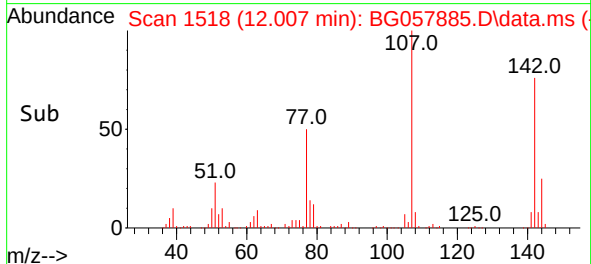
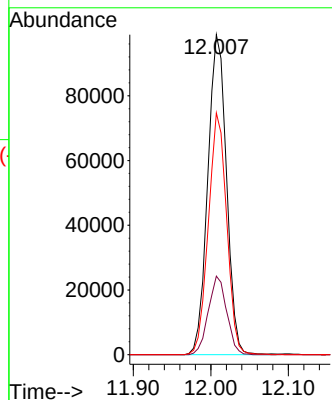
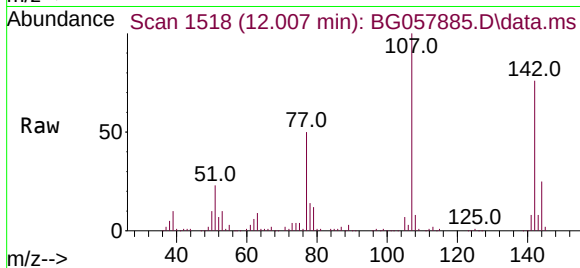
ClientSampleId :

PB153813BS

Tgt Ion:107 Resp: 165569
Ion Ratio Lower Upper
107 100
144 24.5 18.2 27.4
142 75.5 58.2 87.4

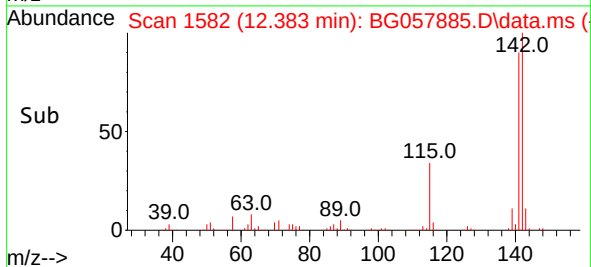
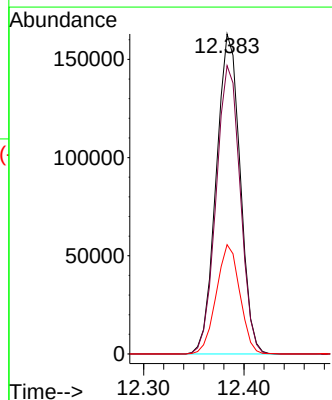
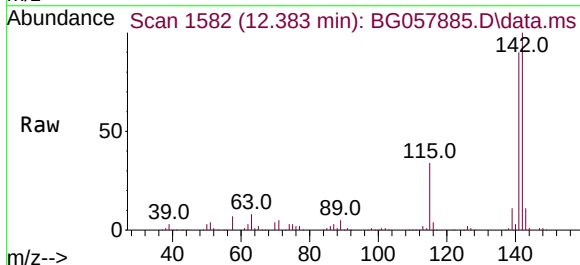
Manual Integrations
APPROVED

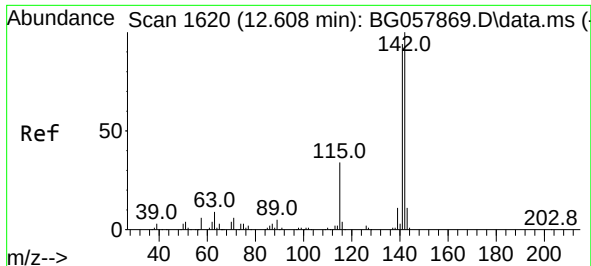
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#37
2-Methylnaphthalene
Concen: 40.218 ng
RT: 12.383 min Scan# 1582
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:142 Resp: 269626
Ion Ratio Lower Upper
142 100
141 90.1 72.4 108.6
115 34.2 28.6 42.8





#38
1-Methylnaphthalene
Concen: 40.702 ng
RT: 12.606 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

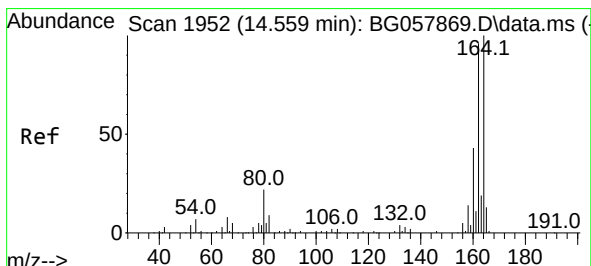
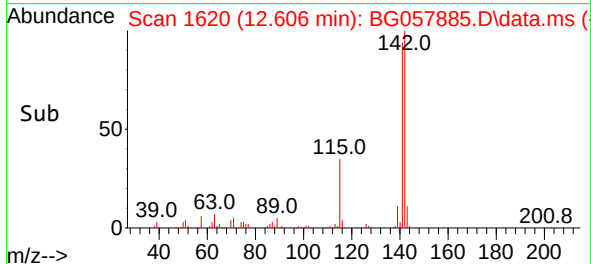
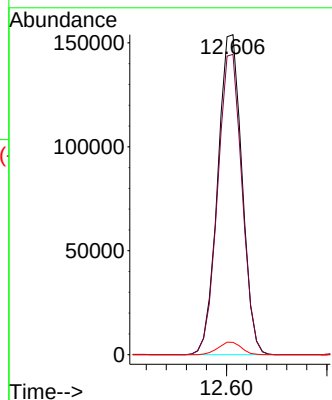
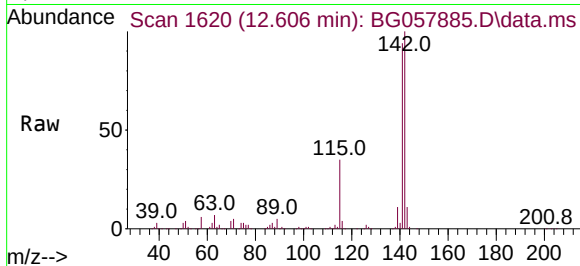
ClientSampleId :

PB153813BS

Tgt Ion:142 Resp: 257840
Ion Ratio Lower Upper
142 100
141 93.8 74.8 112.2
116 3.8 3.0 4.6

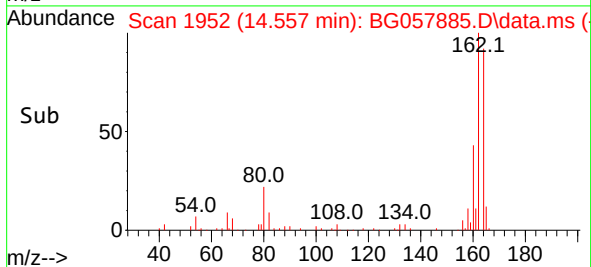
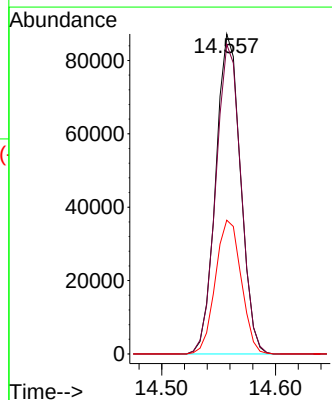
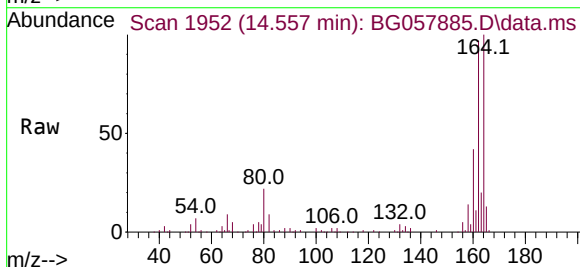
Manual Integrations
APPROVED

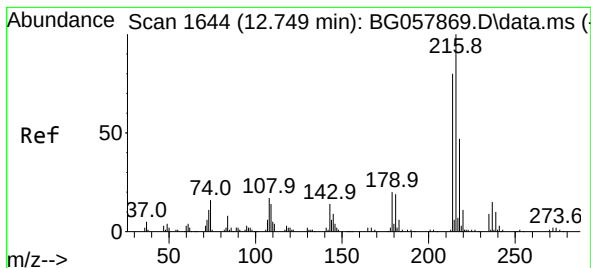
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

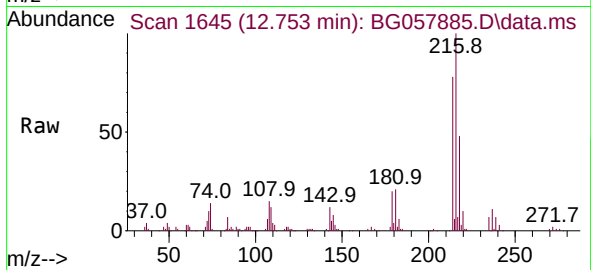
Tgt Ion:164 Resp: 132379
Ion Ratio Lower Upper
164 100
162 96.7 76.4 114.6
160 41.8 34.2 51.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.361 ng
RT: 12.753 min Scan# 1645
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

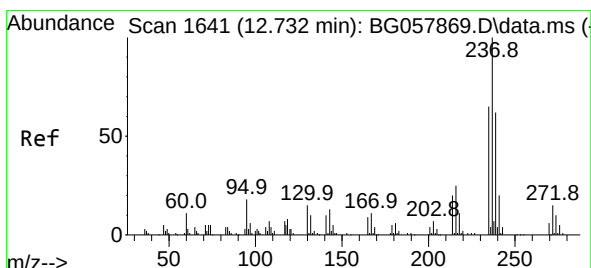
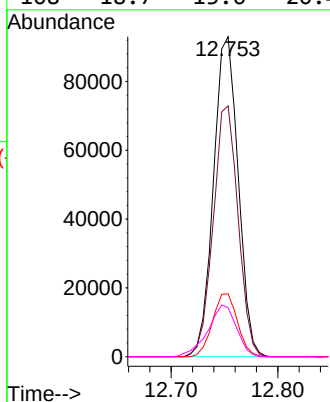
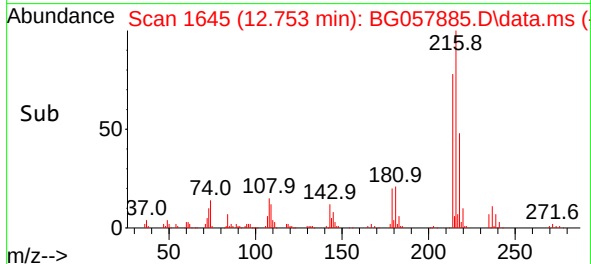
Instrument :
BNA_G
ClientSampleId :
PB153813BS



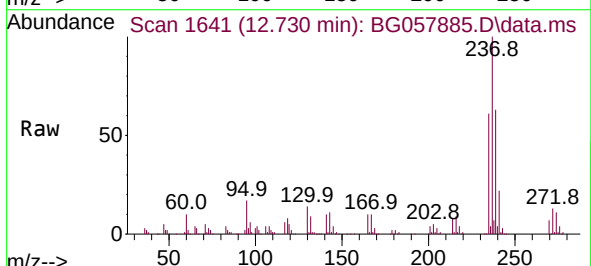
Tgt Ion:216 Resp: 14948
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 19.8 16.1 24.1
108 18.7 13.6 20.4

Manual Integrations
APPROVED

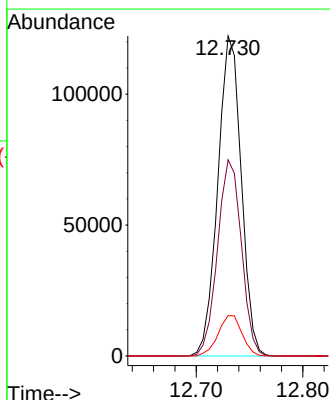
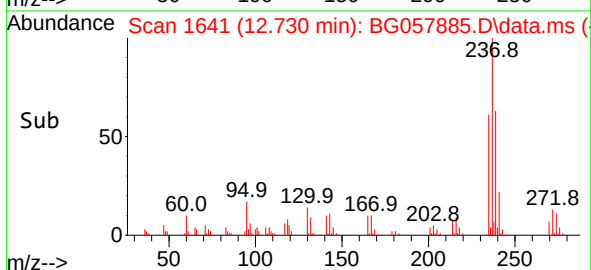
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

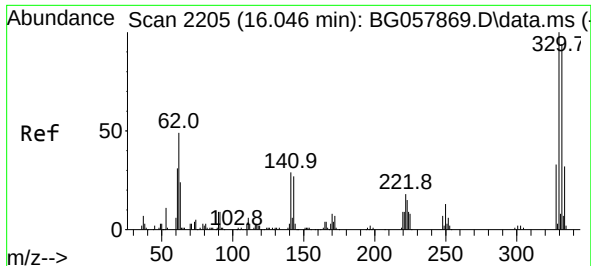


#41
Hexachlorocyclopentadiene
Concen: 93.679 ng
RT: 12.730 min Scan# 1641
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:237 Resp: 186511
Ion Ratio Lower Upper
237 100
235 61.3 44.7 84.7
272 12.6 0.0 34.7





#42
2,4,6-Tribromophenol
Concen: 119.175 ng
RT: 16.049 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

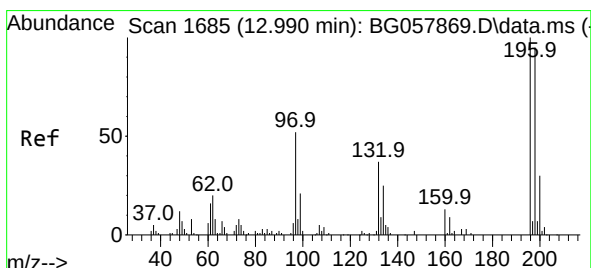
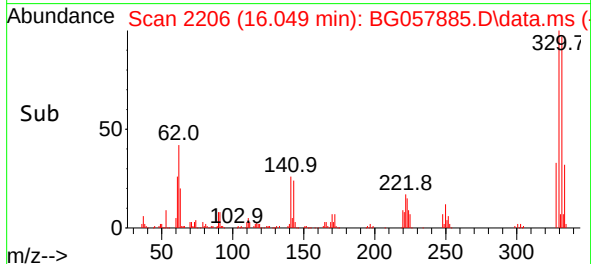
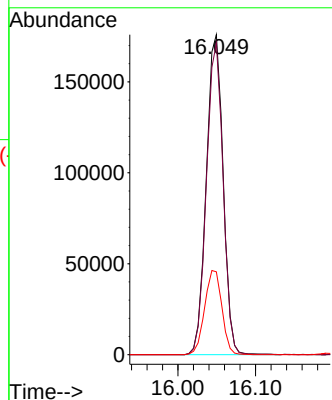
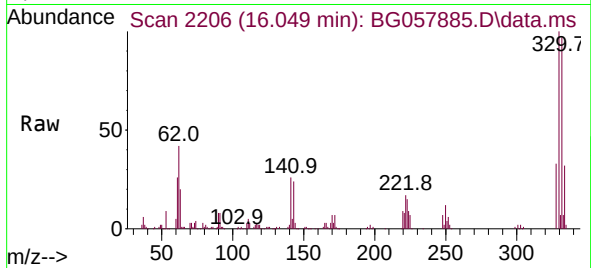
PB153813BS

Tgt Ion:330 Resp: 264978
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 27.0 22.2 33.4

Manual Integrations

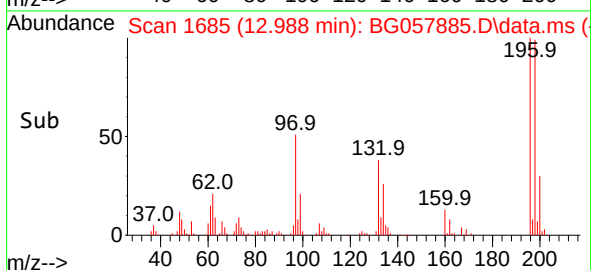
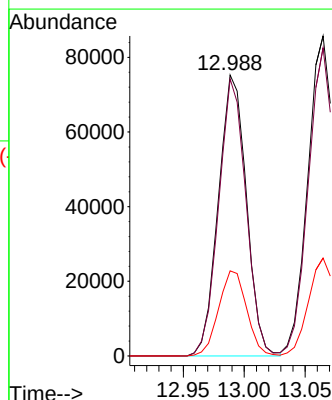
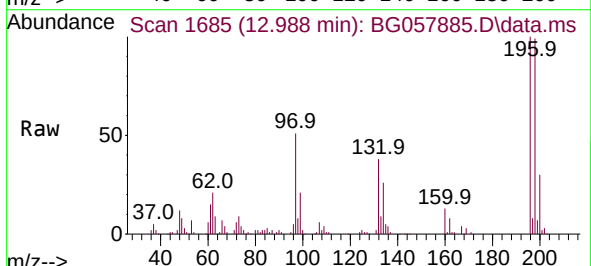
APPROVED

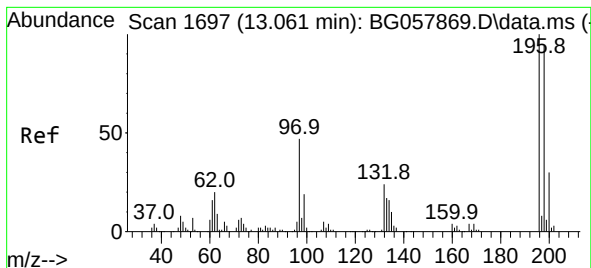
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#43
2,4,6-Trichlorophenol
Concen: 44.112 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:196 Resp: 120426
Ion Ratio Lower Upper
196 100
198 98.6 75.7 113.5
200 30.3 24.2 36.2





#44
2,4,5-Trichlorophenol
Concen: 42.195 ng
RT: 13.065 min Scan# 1697
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

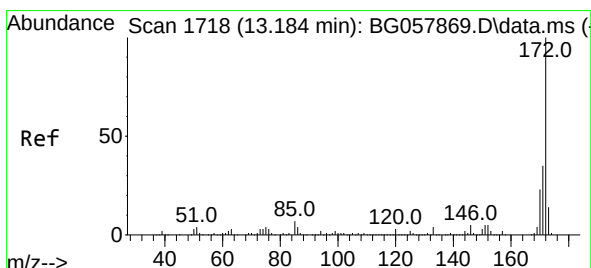
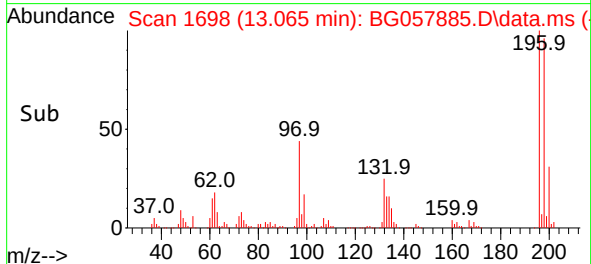
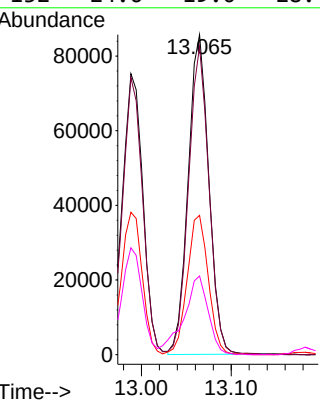
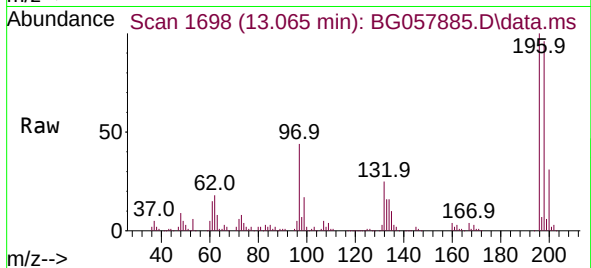
PB153813BS

Tgt Ion:196 Resp: 13710
Ion Ratio Lower Upper
196 100
198 96.3 75.4 113.0
97 43.6 37.6 56.4
132 24.6 19.0 28.4

Manual Integrations

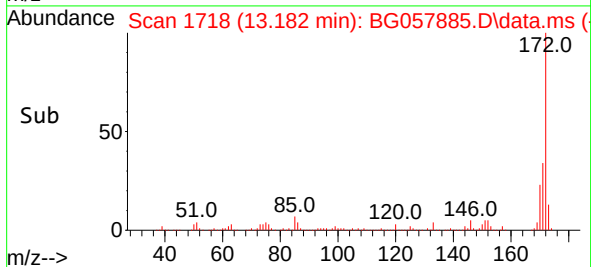
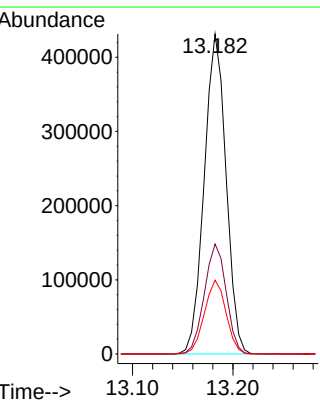
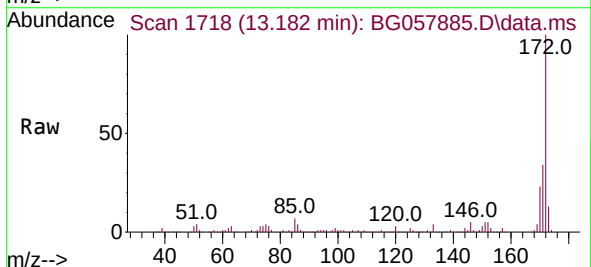
APPROVED

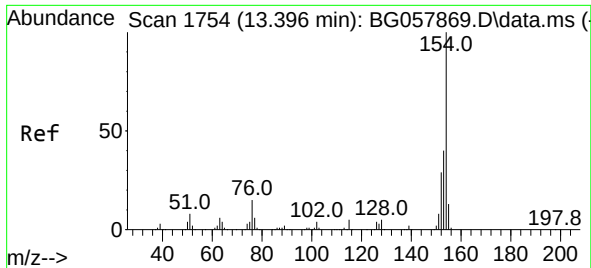
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#45
2-Fluorobiphenyl
Concen: 74.989 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:172 Resp: 650501
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.0 18.6 27.8





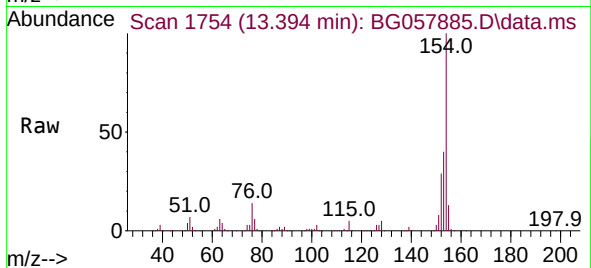
#46
1,1'-Biphenyl
Concen: 41.187 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

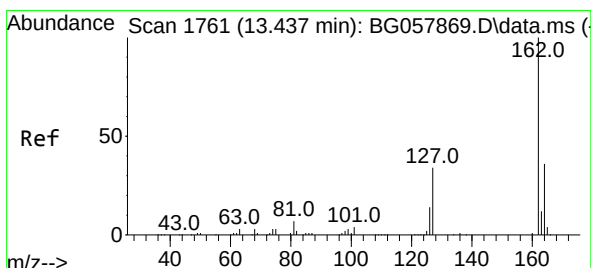
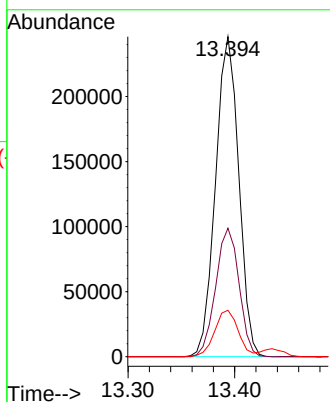
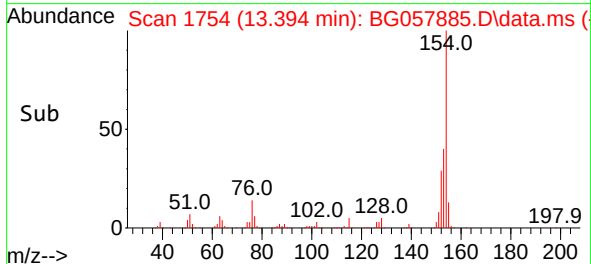


Tgt Ion:154 Resp: 371370
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 14.5 0.0 34.7

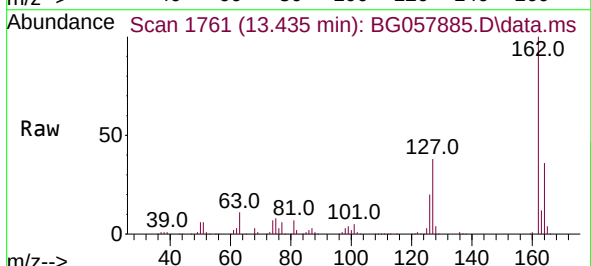
Manual Integrations

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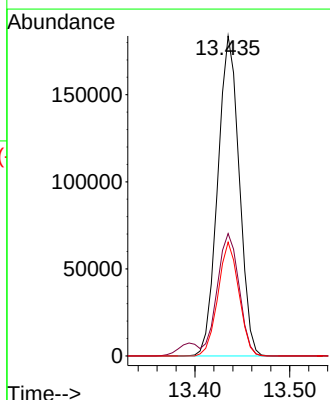
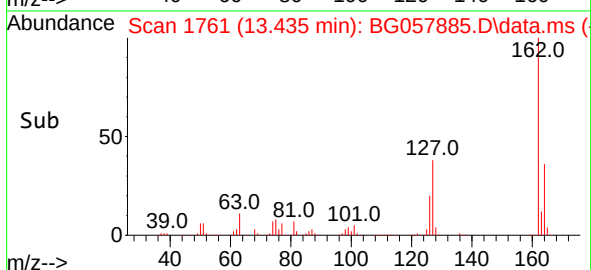
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

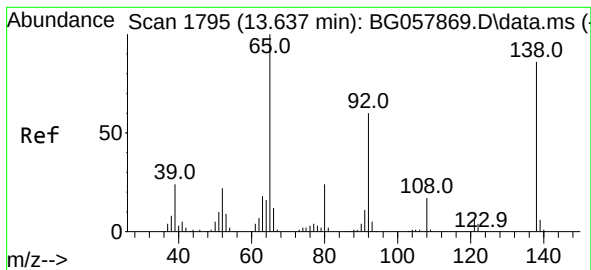


#47
2-Chloronaphthalene
Concen: 41.802 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:162 Resp: 289463
Ion Ratio Lower Upper
162 100
127 38.2 30.2 45.4
164 35.5 28.6 43.0





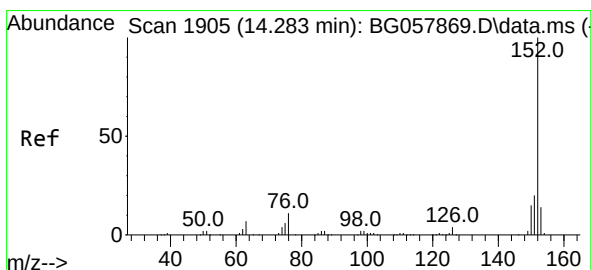
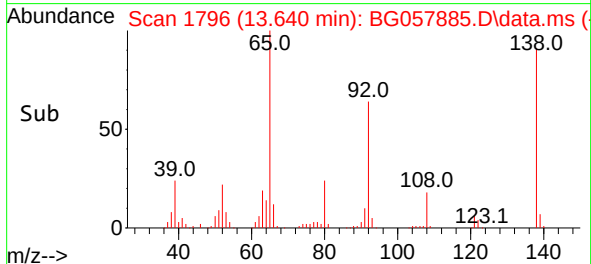
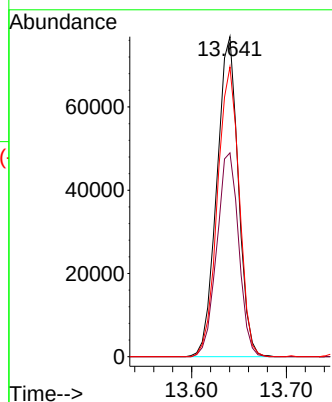
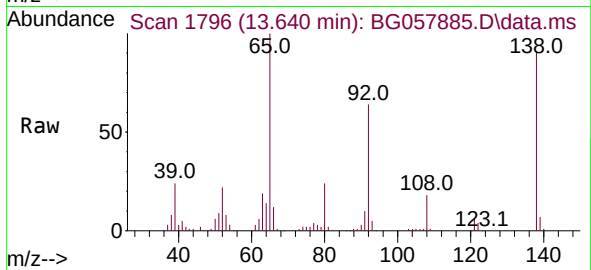
#48
2-Nitroaniline
Concen: 43.950 ng
RT: 13.640 min Scan# 1795
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :
BNA_G
ClientSampleId :
PB153813BS

Tgt Ion: 65 Resp: 12126
Ion Ratio Lower Upper
65 100
92 63.7 48.3 72.5
138 90.6 69.1 103.7

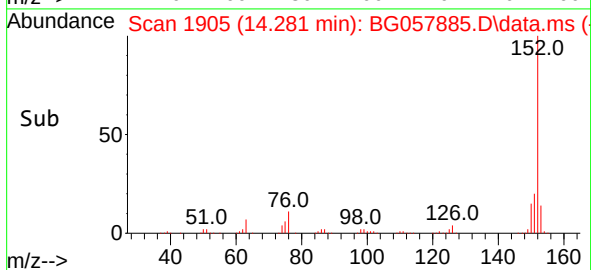
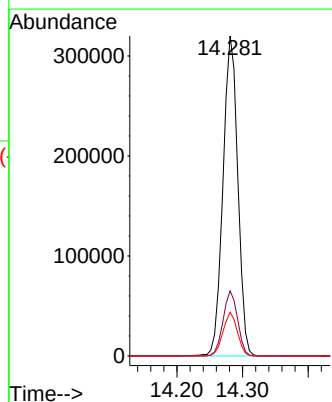
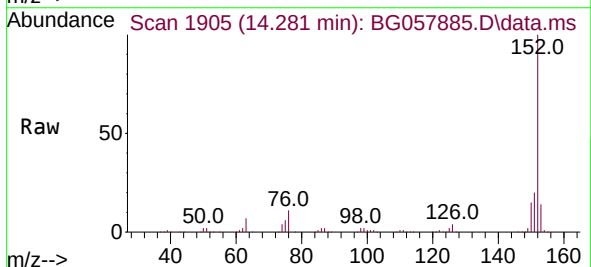
Manual Integrations
APPROVED

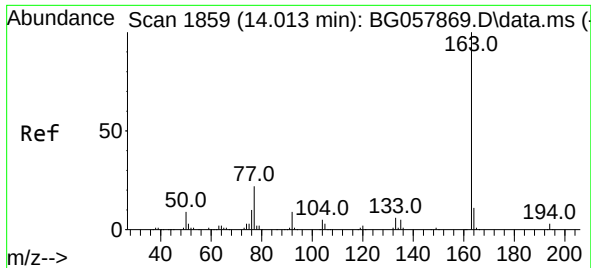
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#49
Acenaphthylene
Concen: 41.125 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:152 Resp: 499410
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.7 10.8 16.2





#50
Dimethylphthalate
Concen: 40.689 ng
RT: 14.017 min Scan# 1859
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

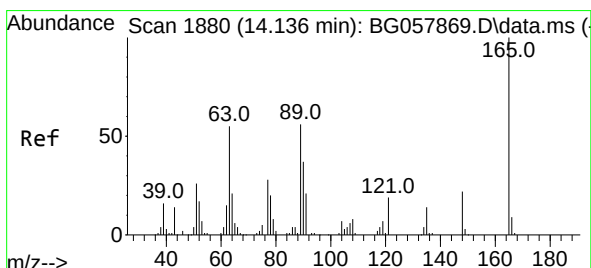
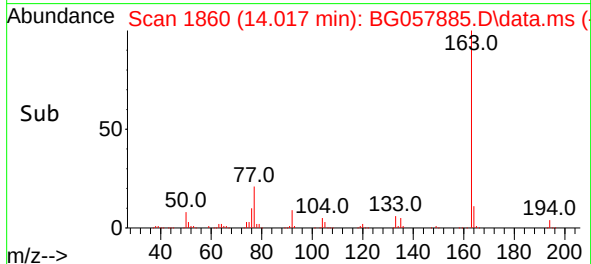
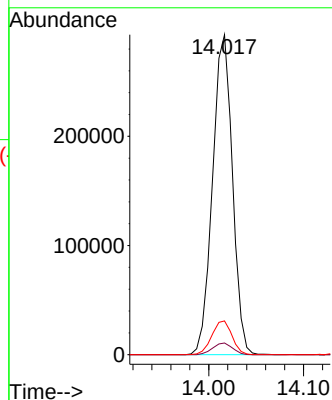
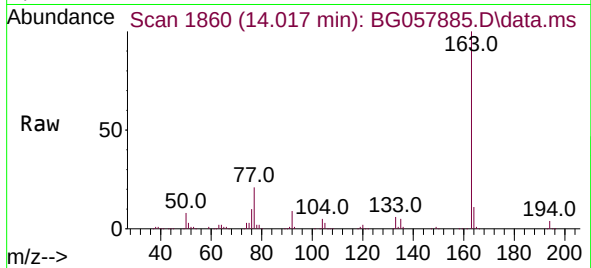
PB153813BS

Tgt Ion:163 Resp: 426920
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 8.9 13.3

Manual Integrations

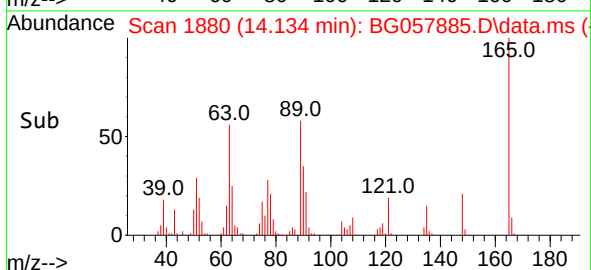
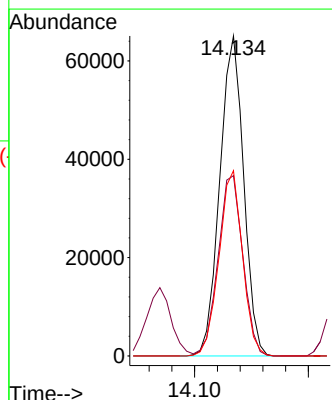
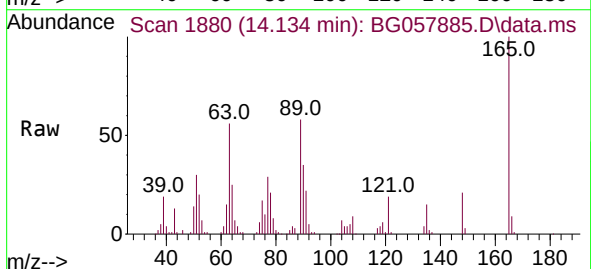
APPROVED

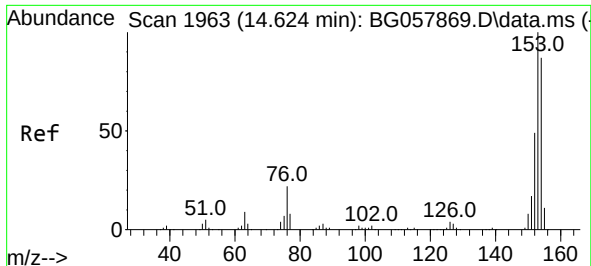
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#51
2,6-Dinitrotoluene
Concen: 43.438 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:165 Resp: 94630
Ion Ratio Lower Upper
165 100
63 56.3 46.4 69.6
89 57.9 45.0 67.6





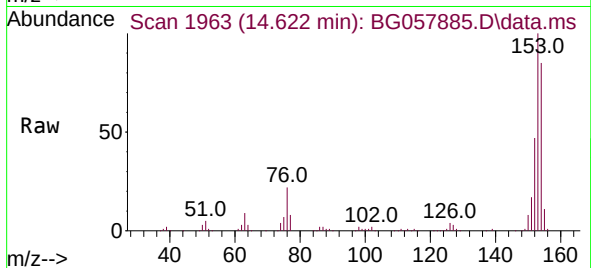
#52
Acenaphthene
Concen: 40.746 ng
RT: 14.622 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

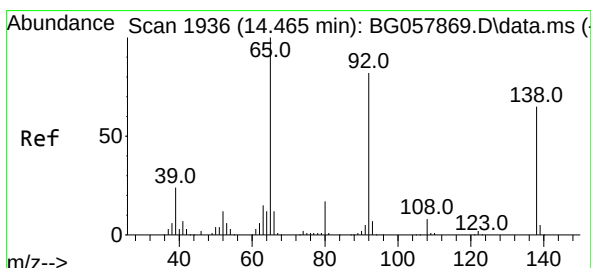
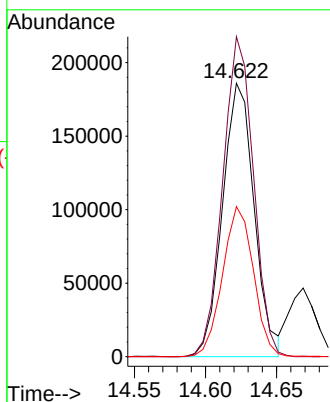
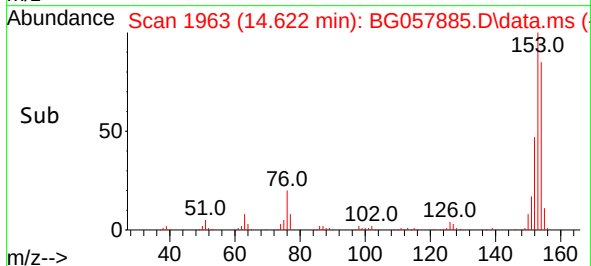


Tgt Ion:154 Resp: 28905
Ion Ratio Lower Upper
154 100
153 117.0 91.5 137.3
152 54.9 44.6 67.0

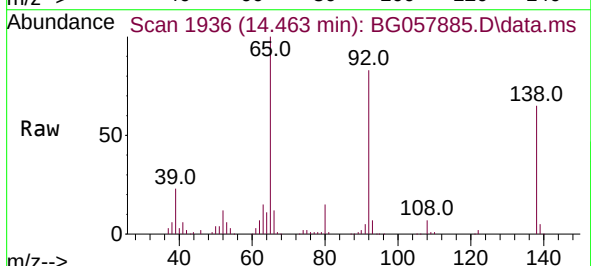
Manual Integrations

APPROVED

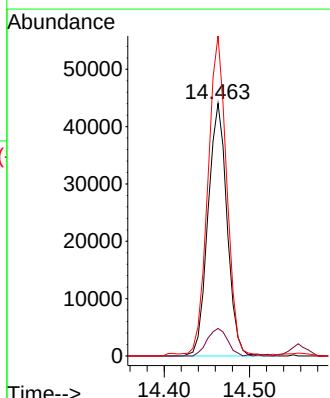
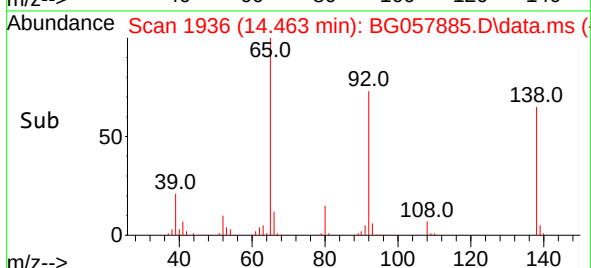
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

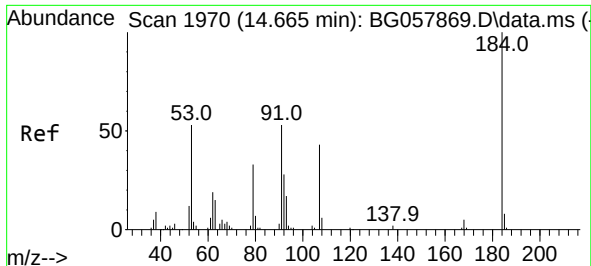


#53
3-Nitroaniline
Concen: 27.627 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:138 Resp: 68420
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 126.7 101.7 152.5





#54
2,4-Dinitrophenol
Concen: 98.741 ng
RT: 14.669 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

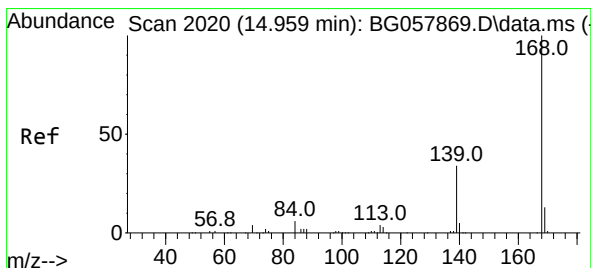
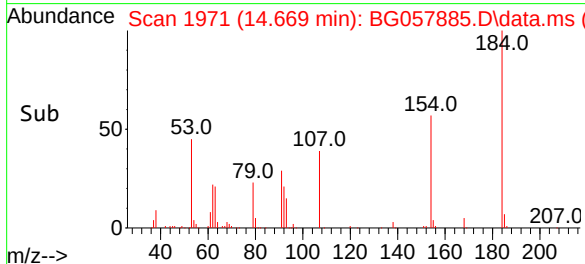
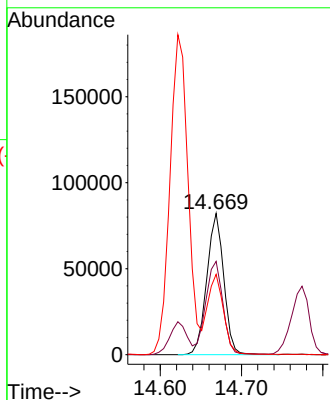
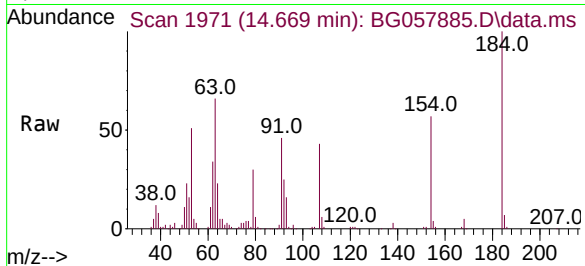
ClientSampleId :

PB153813BS

Tgt Ion:184 Resp: 118839
Ion Ratio Lower Upper
184 100
63 66.1 57.8 86.6
154 56.8 45.9 68.9

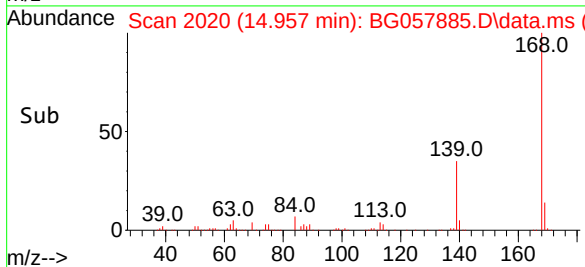
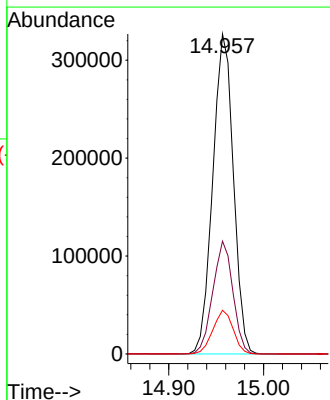
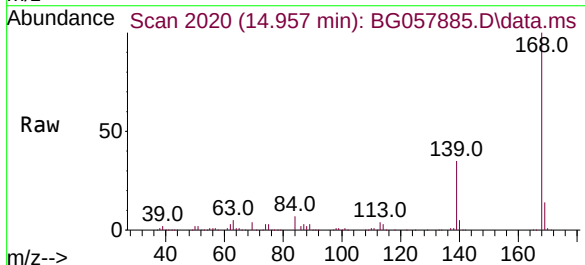
Manual Integrations
APPROVED

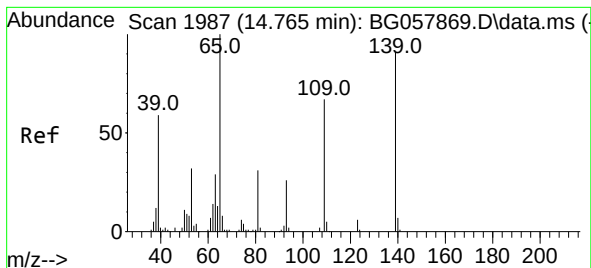
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#55
Dibenzofuran
Concen: 40.618 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:168 Resp: 494248
Ion Ratio Lower Upper
168 100
139 35.2 27.3 40.9
169 13.6 10.3 15.5





#56
4-Nitrophenol
Concen: 93.892 ng
RT: 14.774 min Scan# 1987
Delta R.T. 0.010 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

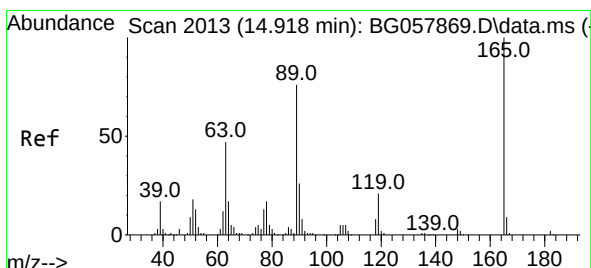
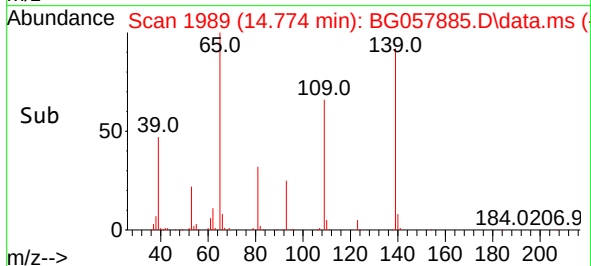
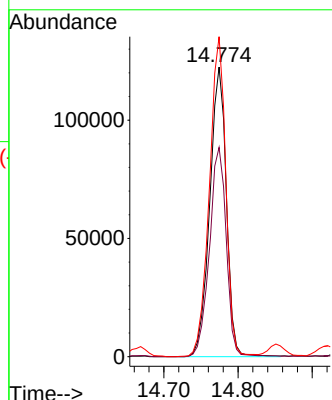
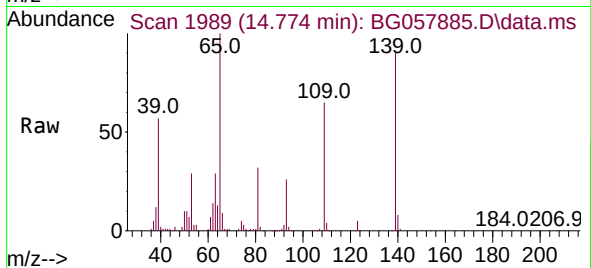
PB153813BS

Tgt Ion:139 Resp: 19064
Ion Ratio Lower Upper
139 100
109 72.3 53.7 93.7
65 110.5 89.9 129.9

Manual Integrations

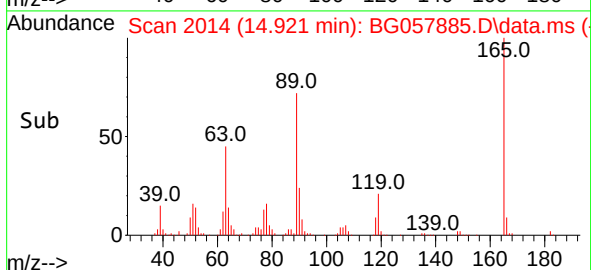
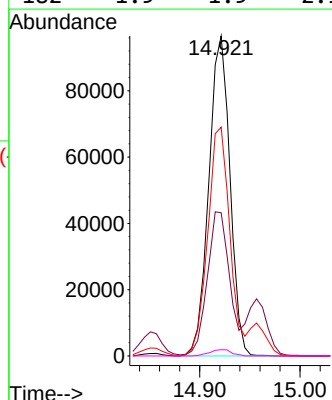
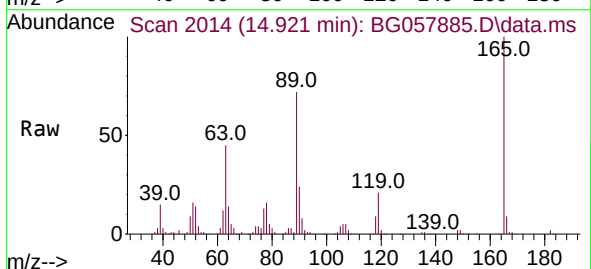
APPROVED

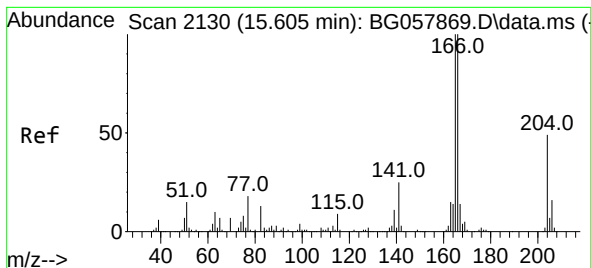
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#57
2,4-Dinitrotoluene
Concen: 44.794 ng
RT: 14.921 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:165 Resp: 141596
Ion Ratio Lower Upper
165 100
63 44.8 37.6 56.4
89 71.5 61.0 91.4
182 1.9 1.9 2.9





#58

Fluorene

Concen: 41.076 ng

RT: 15.603 min Scan# 2130

Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

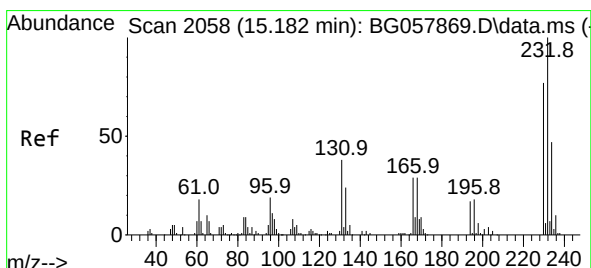
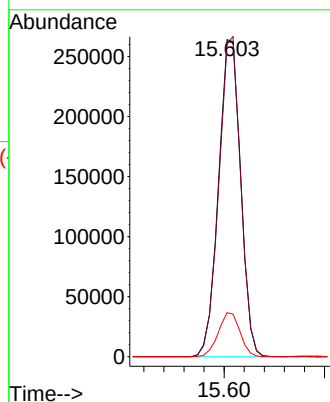
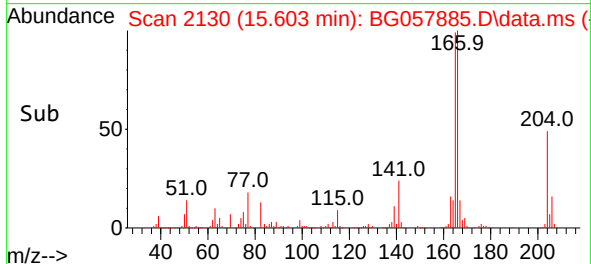
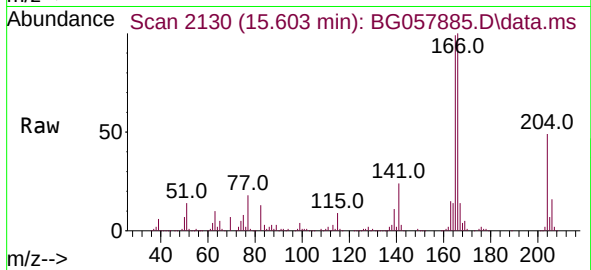
PB153813BS

Tgt Ion:166 Resp: 40341
 Ion Ratio Lower Upper
 166 100
 165 98.7 80.0 120.0
 167 13.9 11.0 16.4

Manual Integrations

APPROVED

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



#59

2,3,4,6-Tetrachlorophenol

Concen: 44.751 ng

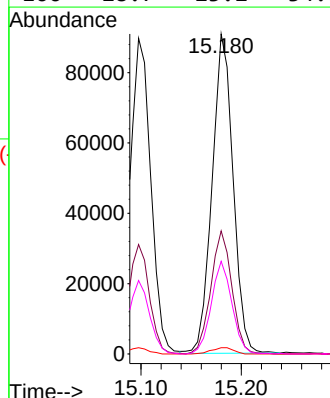
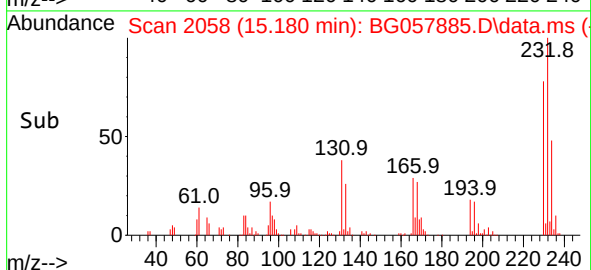
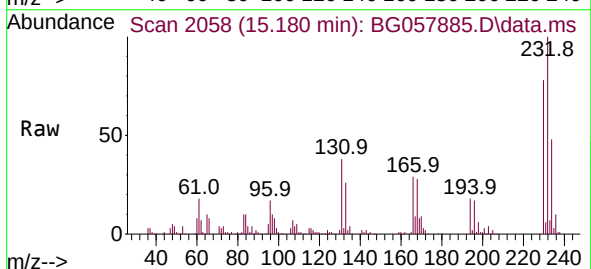
RT: 15.180 min Scan# 2058

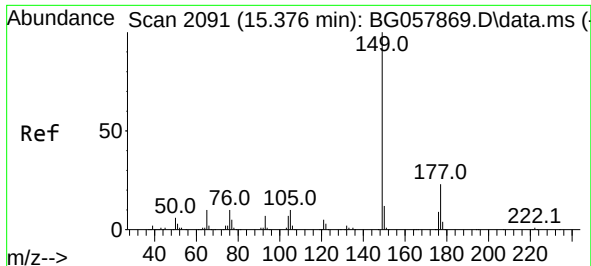
Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Tgt Ion:232 Resp: 131815
 Ion Ratio Lower Upper
 232 100
 131 38.8 31.2 46.8
 130 2.1 1.6 2.4
 166 28.7 23.2 34.8





#60
Diethylphthalate
Concen: 41.213 ng
RT: 15.380 min Scan# 2091
Delta R.T. 0.004 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

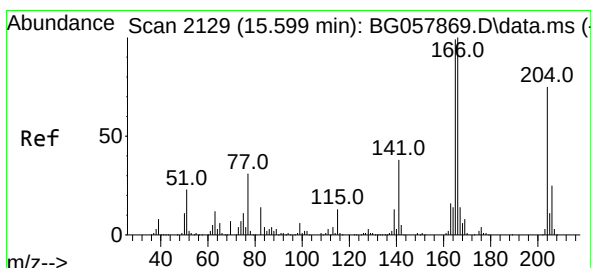
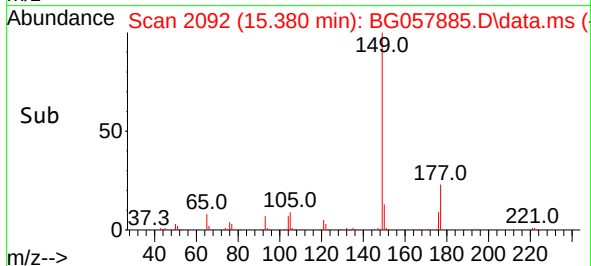
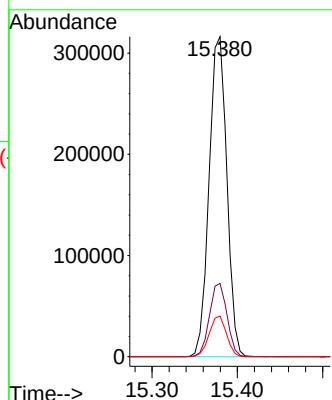
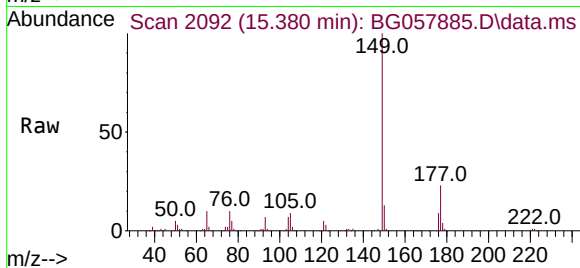
PB153813BS

Tgt Ion:149 Resp: 455815
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.7 9.9 14.9

Manual Integrations

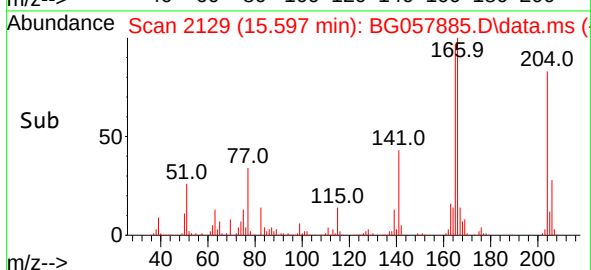
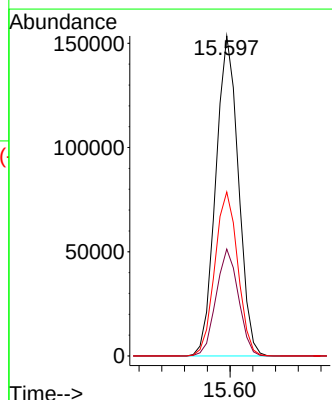
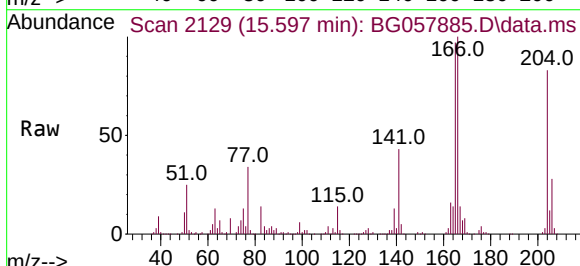
APPROVED

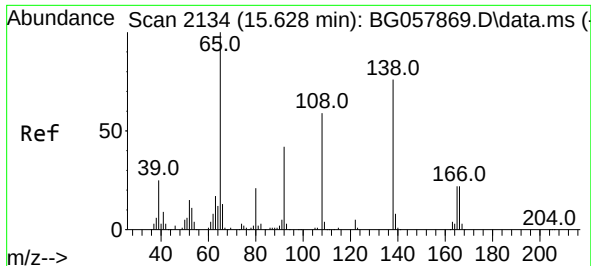
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#61
4-Chlorophenyl-phenylether
Concen: 40.321 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:204 Resp: 212399
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 51.3 40.6 60.8





#62
4-Nitroaniline
Concen: 41.076 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

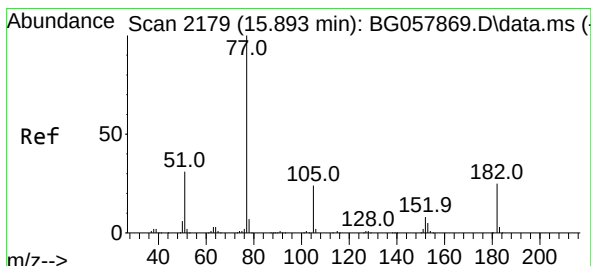
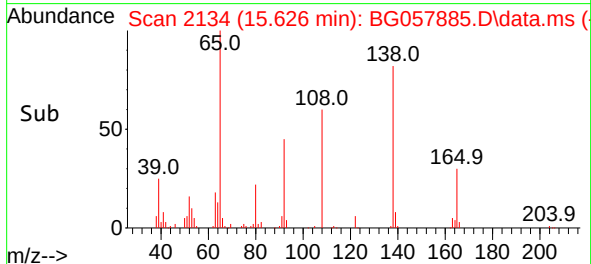
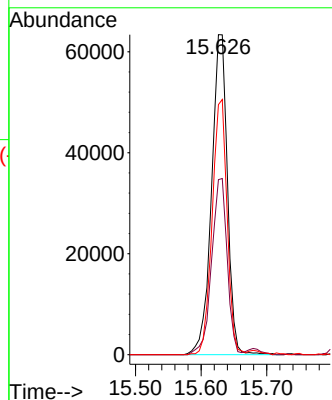
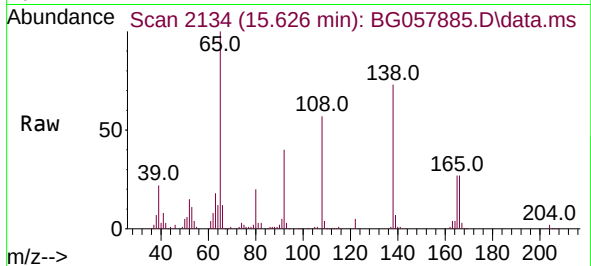
ClientSampleId :

PB153813BS

Tgt Ion:138 Resp: 10670
Ion Ratio Lower Upper
138 100
92 54.7 35.2 75.2
108 78.2 57.8 97.8

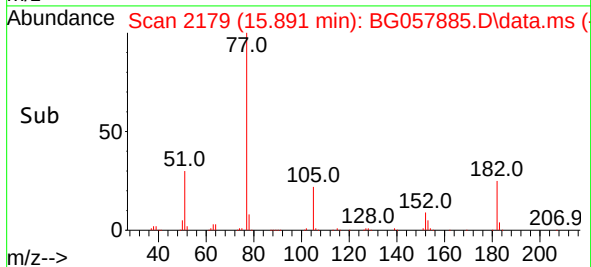
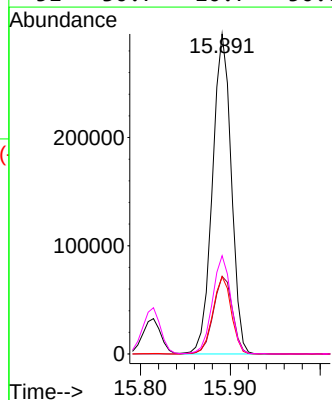
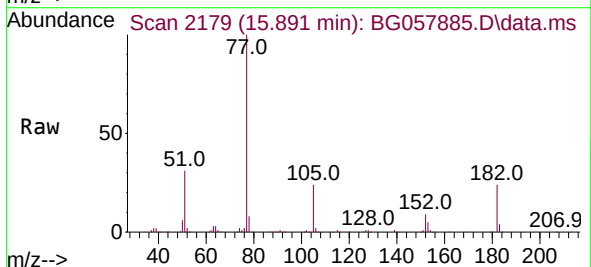
Manual Integrations
APPROVED

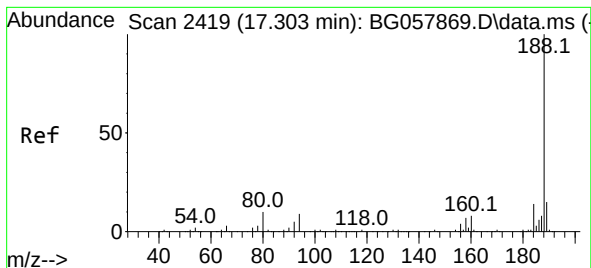
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#63
Azobenzene
Concen: 40.679 ng
RT: 15.891 min Scan# 2179
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

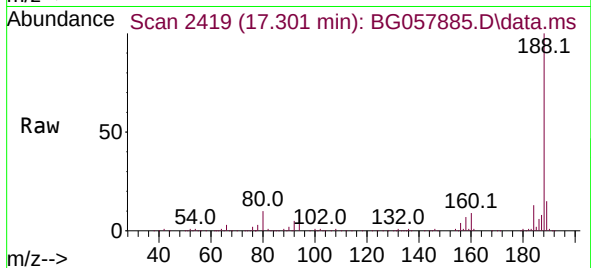
Tgt Ion: 77 Resp: 430240
Ion Ratio Lower Upper
77 100
182 24.2 5.1 45.1
105 24.2 3.9 43.9
51 30.7 10.7 50.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

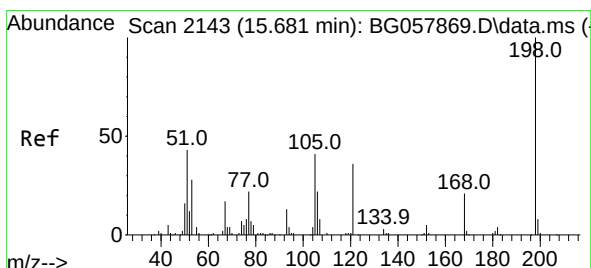
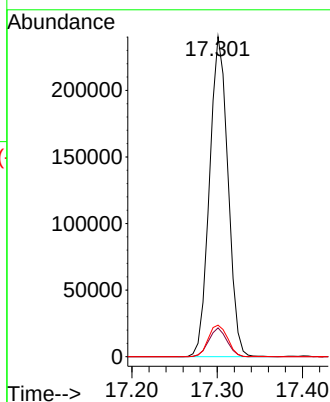
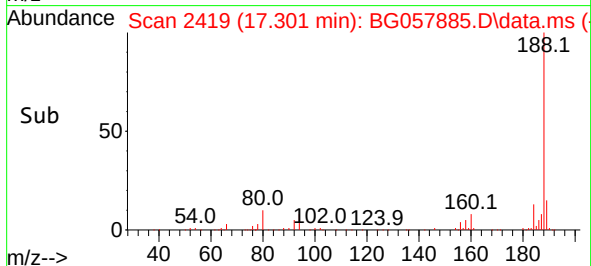
Instrument :
BNA_G
ClientSampleId :
PB153813BS



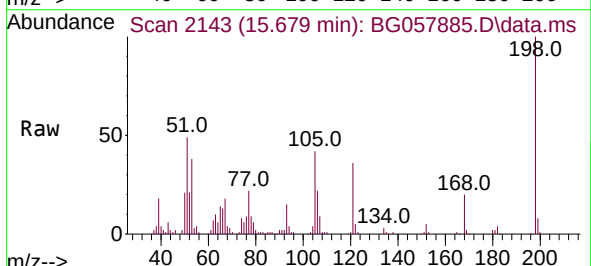
Tgt Ion:188 Resp: 361270
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 8.4 12.6

Manual Integrations
APPROVED

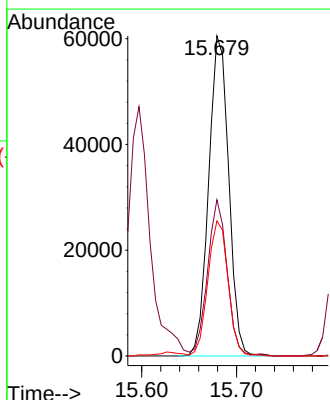
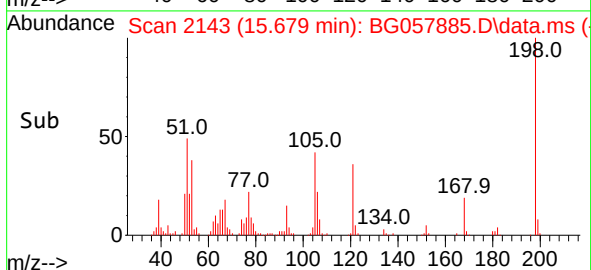
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

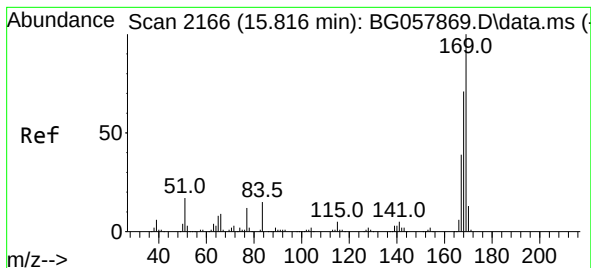


#65
4,6-Dinitro-2-methylphenol
Concen: 45.606 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:198 Resp: 88663
Ion Ratio Lower Upper
198 100
51 48.8 27.2 67.2
105 42.2 22.3 62.3





#66

n-Nitrosodiphenylamine

Concen: 40.866 ng

RT: 15.814 min Scan# 2166

Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

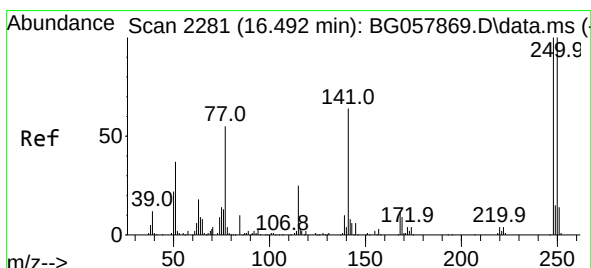
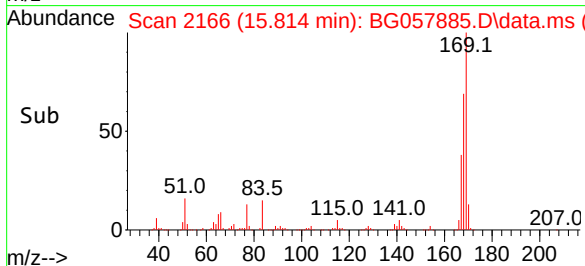
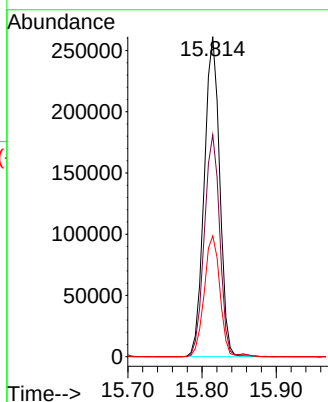
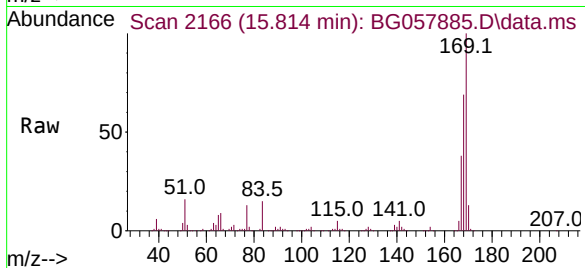
Tgt Ion:	169	Resp:	37677
Ion Ratio	Lower	Upper	
169	100		
168	69.4	56.6	85.0
167	37.8	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#67

4-Bromophenyl-phenylether

Concen: 39.824 ng

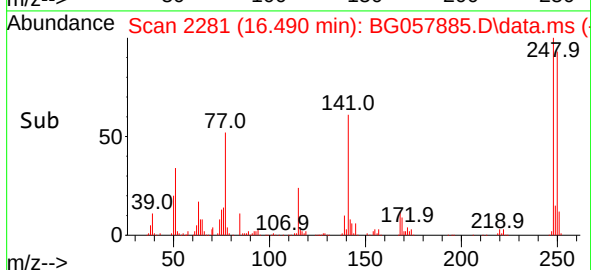
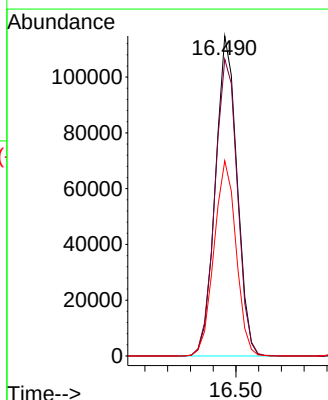
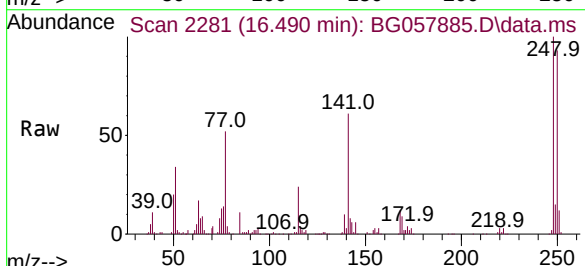
RT: 16.490 min Scan# 2281

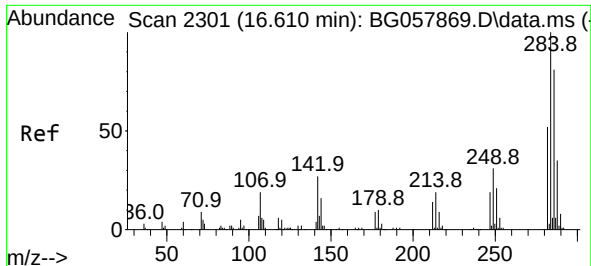
Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Tgt Ion:	248	Resp:	151872
Ion Ratio	Lower	Upper	
248	100		
250	92.7	79.7	119.5
141	61.0	50.8	76.2





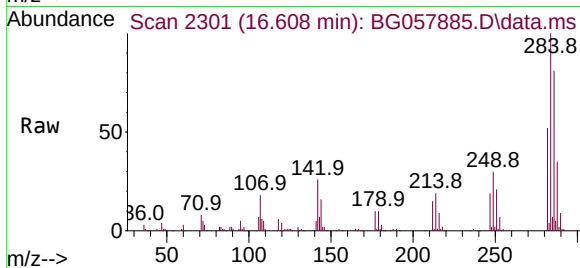
#68
Hexachlorobenzene
Concen: 42.141 ng
RT: 16.608 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

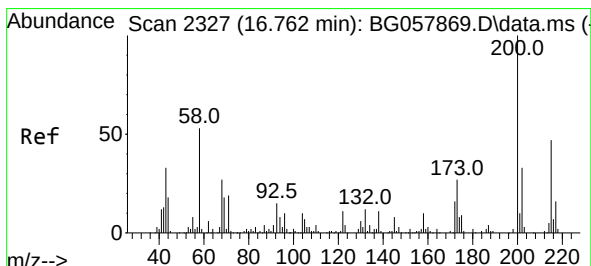
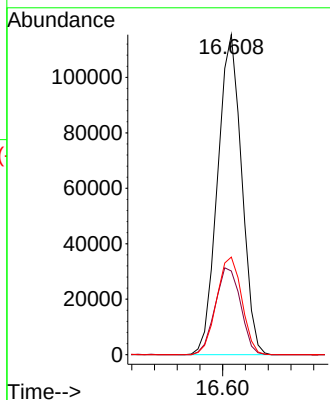
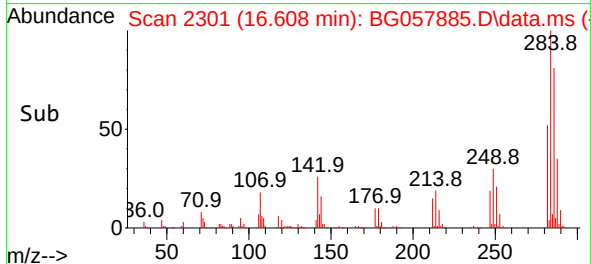


Tgt Ion:284 Resp: 16970
Ion Ratio Lower Upper
284 100
142 26.1 21.4 32.0
249 30.5 24.9 37.3

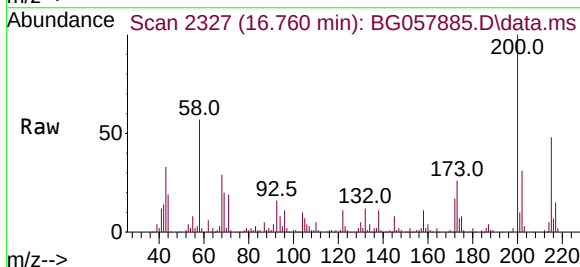
Manual Integrations

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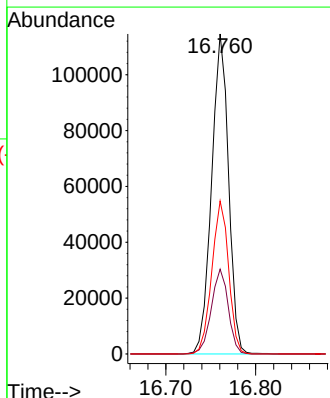
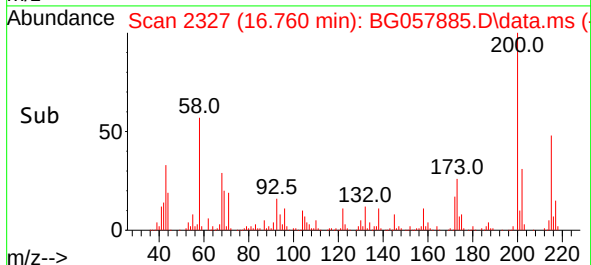
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

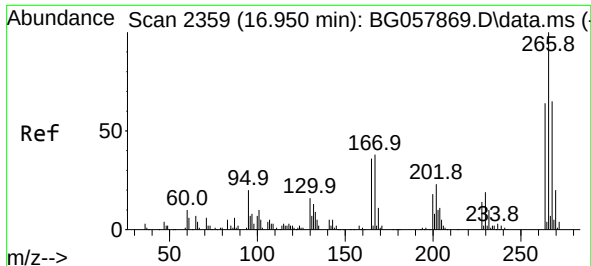


#69
Atrazine
Concen: 43.807 ng
RT: 16.760 min Scan# 2327
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:200 Resp: 149996
Ion Ratio Lower Upper
200 100
173 26.5 7.2 47.2
215 47.8 26.9 66.9





#70
 Pentachlorophenol
 Concen: 79.623 ng
 RT: 16.948 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057885.D
 Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

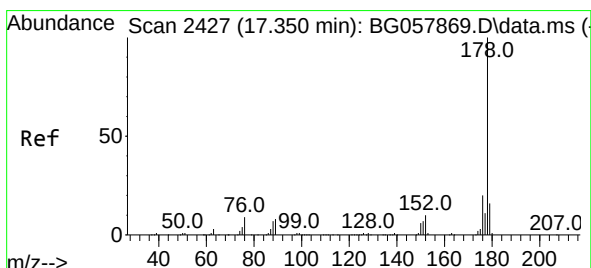
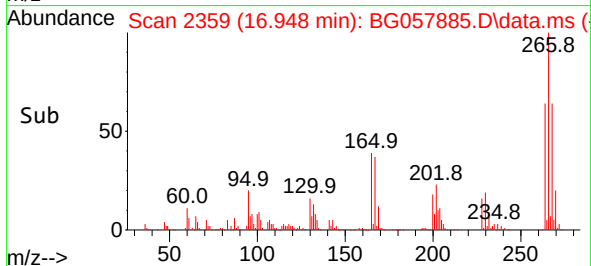
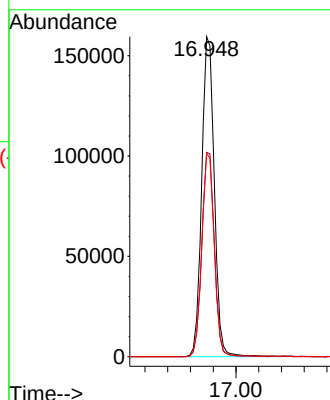
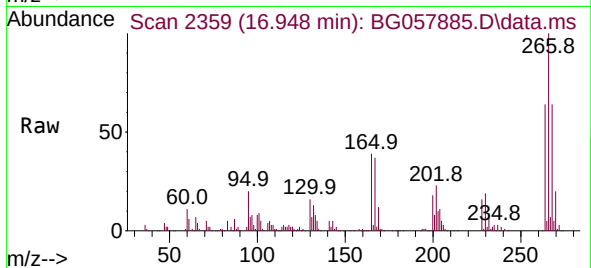
PB153813BS

Tgt Ion:266 Resp: 24521
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.2 78.2
 264 63.5 50.9 76.3

Manual Integrations

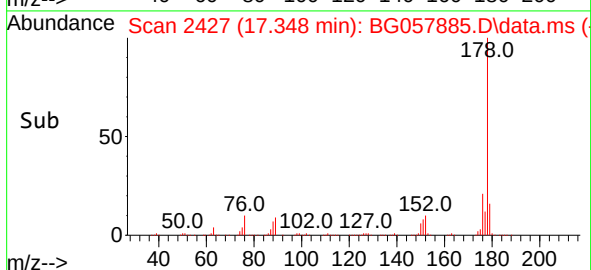
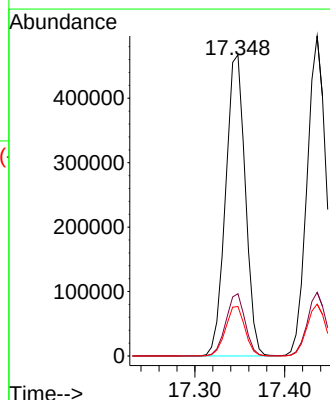
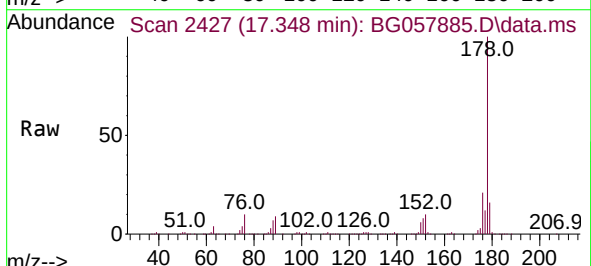
APPROVED

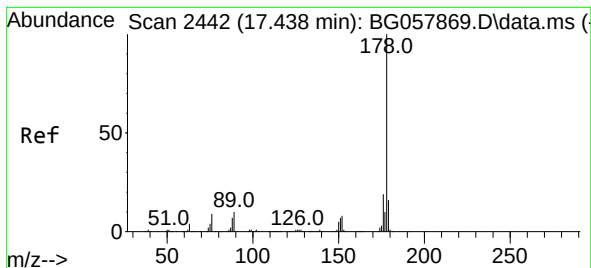
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#71
 Phenanthrene
 Concen: 40.994 ng
 RT: 17.348 min Scan# 2427
 Delta R.T. -0.002 min
 Lab File: BG057885.D
 Acq: 28 Jun 2023 9:39

Tgt Ion:178 Resp: 710920
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.3 24.5
 179 16.4 13.2 19.8





#72

Anthracene

Concen: 40.936 ng

RT: 17.436 min Scan# 2442

Delta R.T. -0.002 min

Lab File: BG057885.D

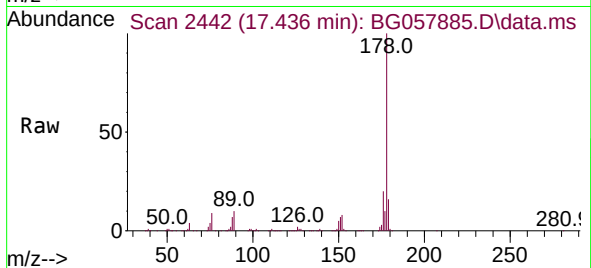
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS



Tgt Ion:178 Resp: 732180

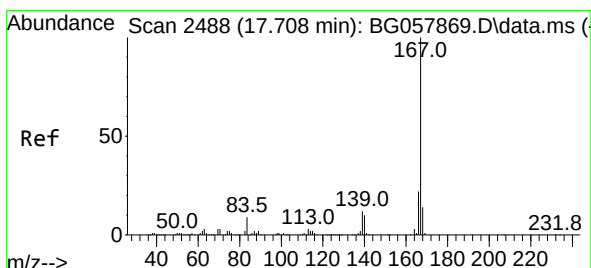
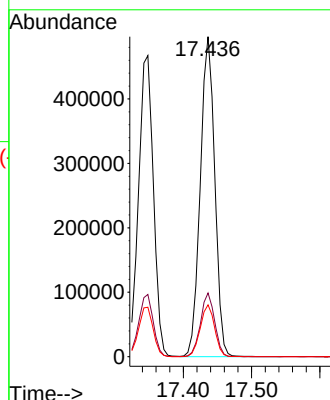
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.2	12.9	19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#73

Carbazole

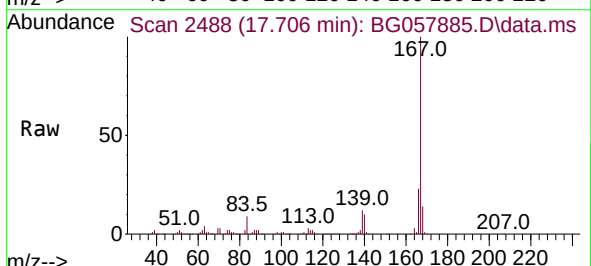
Concen: 41.988 ng

RT: 17.706 min Scan# 2488

Delta R.T. -0.002 min

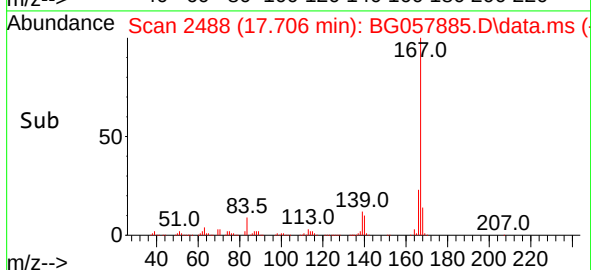
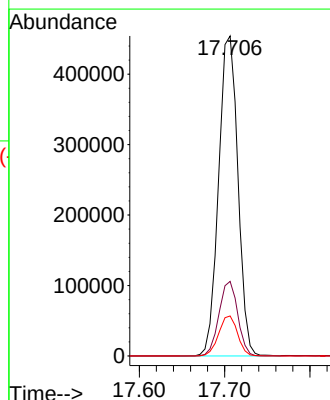
Lab File: BG057885.D

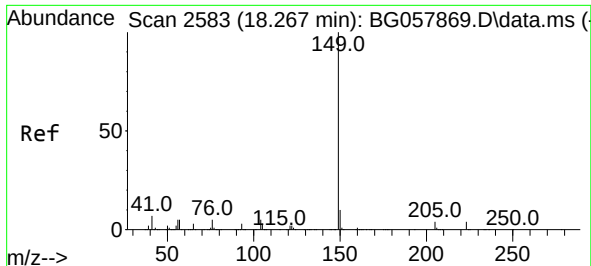
Acq: 28 Jun 2023 9:39



Tgt Ion:167 Resp: 714055

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.8
139	12.5	9.8	14.8





#74
Di-n-butylphthalate
Concen: 41.551 ng
RT: 18.265 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

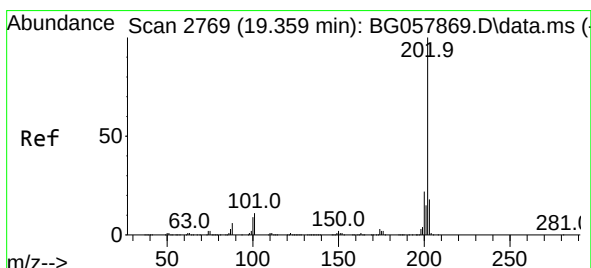
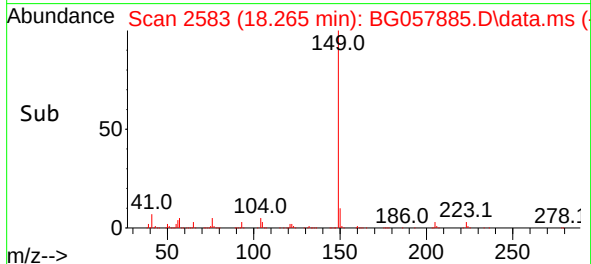
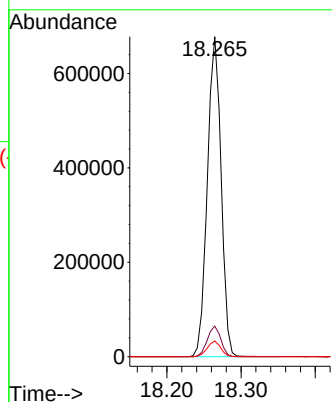
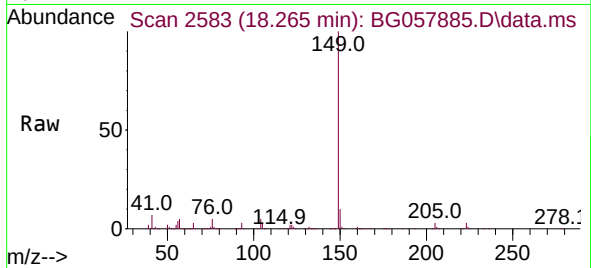
ClientSampleId :

PB153813BS

Tgt Ion:149 Resp: 873359
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.9 3.9 5.9

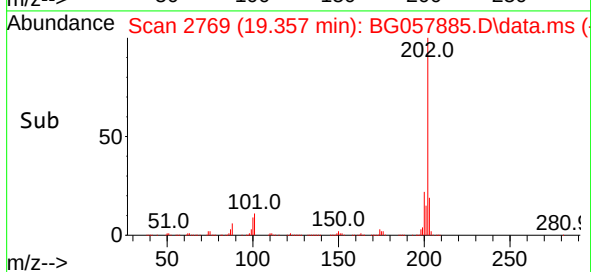
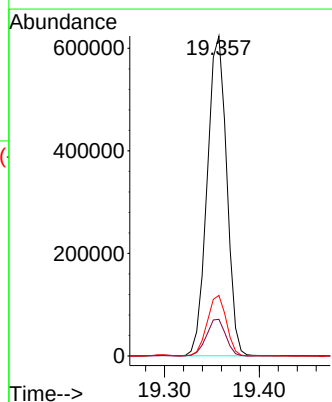
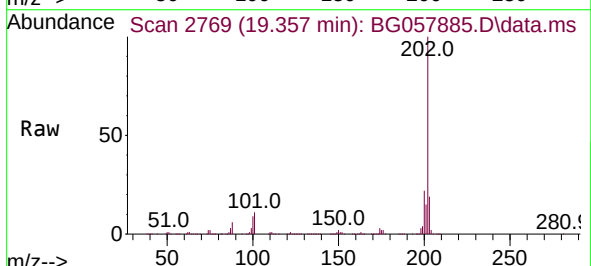
Manual Integrations
APPROVED

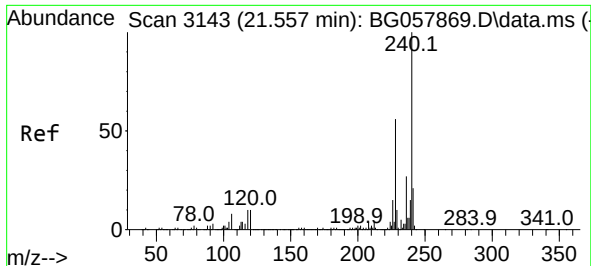
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#75
Fluoranthene
Concen: 40.631 ng
RT: 19.357 min Scan# 2769
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

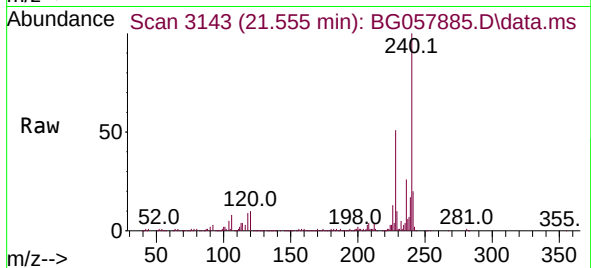
Tgt Ion:202 Resp: 887689
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 18.9 0.0 38.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

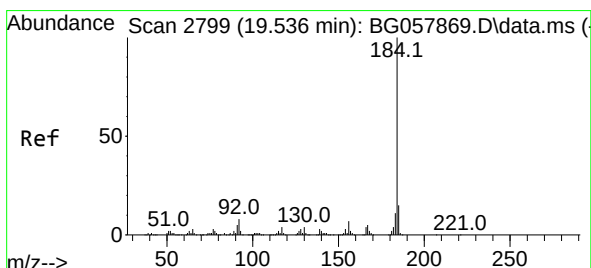
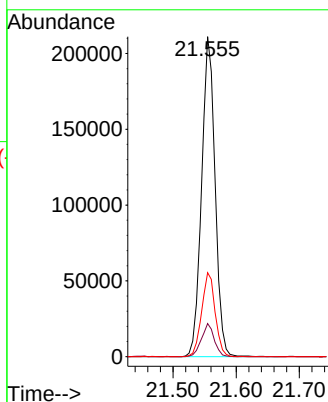
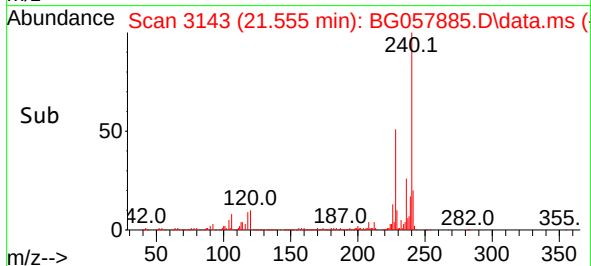
Instrument :
BNA_G
ClientSampleId :
PB153813BS



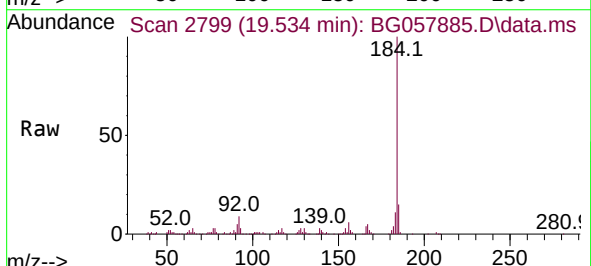
Tgt Ion:240 Resp: 312850
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.3 21.9 32.9

Manual Integrations
APPROVED

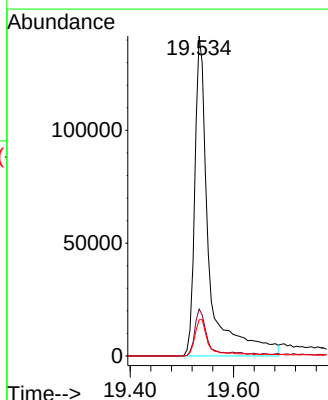
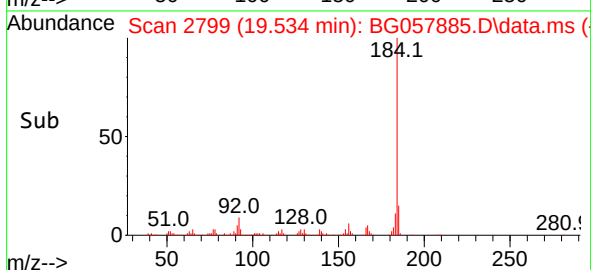
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

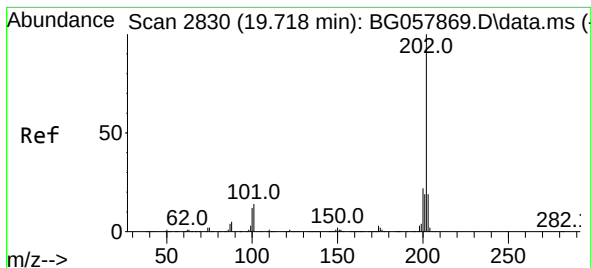


#77
Benzidine
Concen: 37.034 ng
RT: 19.534 min Scan# 2799
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:184 Resp: 271824
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.3 9.0 13.4





#78

Pyrene

Concen: 40.759 ng

RT: 19.716 min Scan# 2830

Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

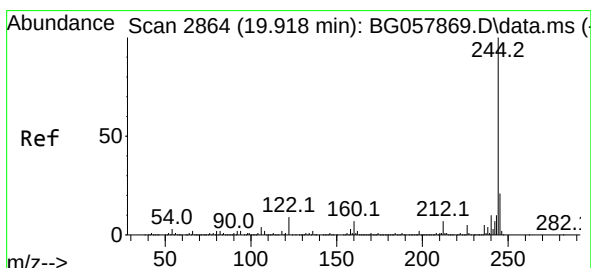
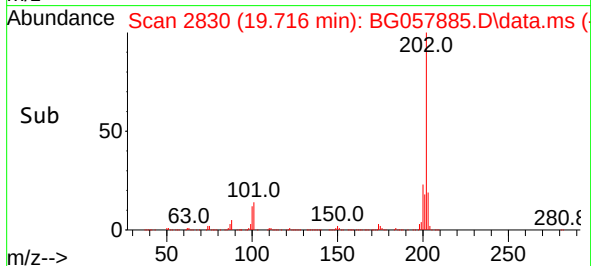
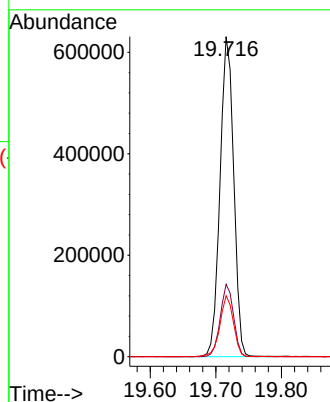
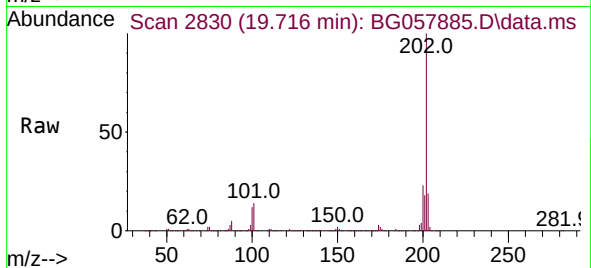
PB153813BS

Tgt Ion:	202	Resp:	910519
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.7	26.5
203	19.0	15.2	22.8

Manual Integrations

APPROVED

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



#79

Terphenyl-d14

Concen: 81.126 ng

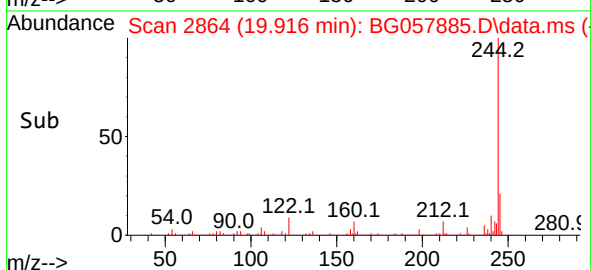
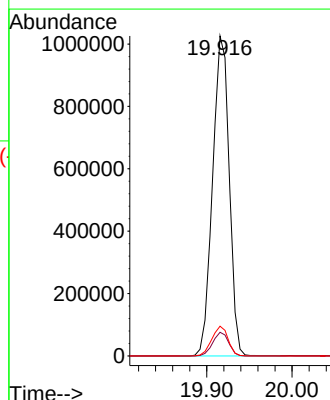
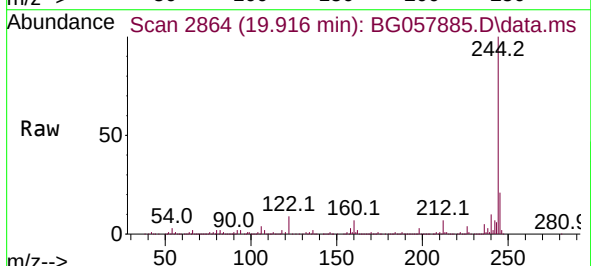
RT: 19.916 min Scan# 2864

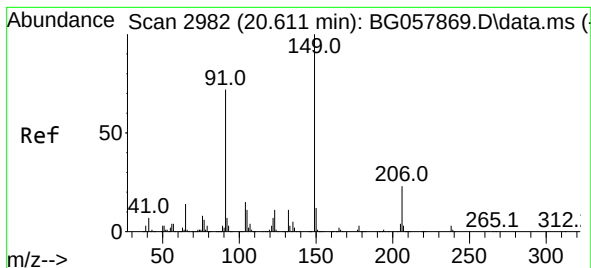
Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Tgt Ion:	244	Resp:	1392191
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.9	8.9
122	9.3	7.4	11.0





#80
Butylbenzylphthalate
Concen: 41.614 ng
RT: 20.603 min Scan# 2981
Delta R.T. -0.008 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

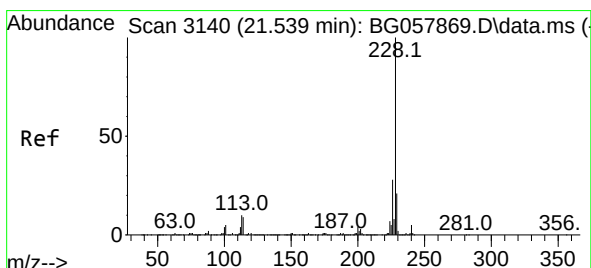
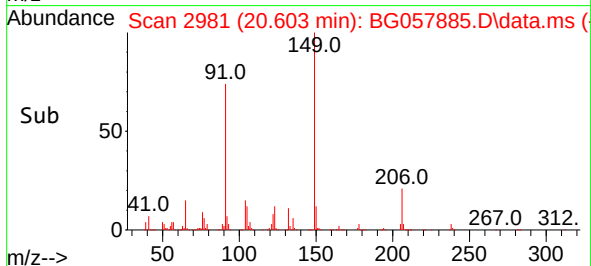
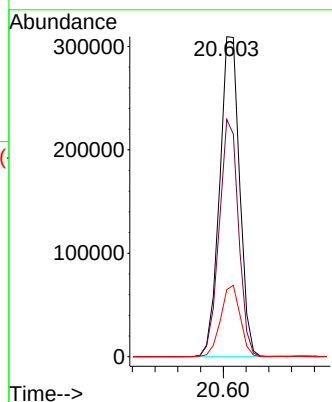
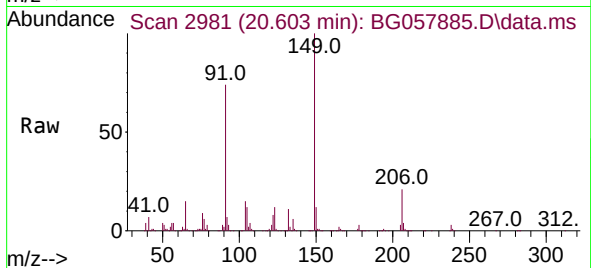
PB153813BS

Tgt Ion:149 Resp: 376960
Ion Ratio Lower Upper
149 100
91 74.2 57.4 86.2
206 21.0 18.2 27.2

Manual Integrations

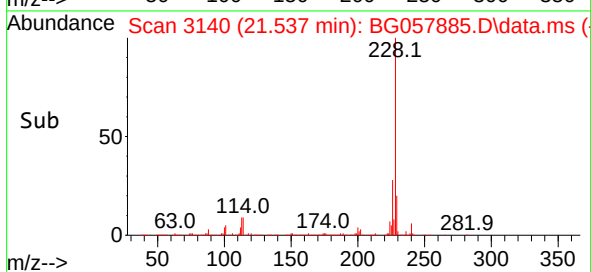
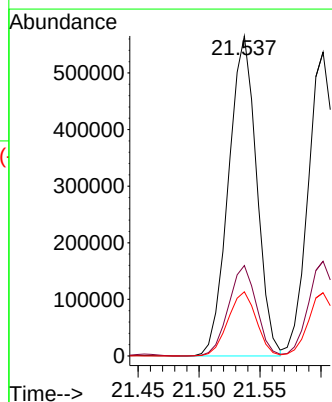
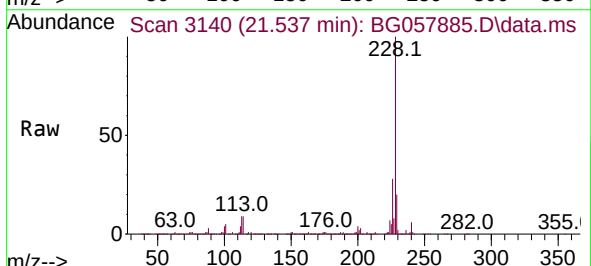
APPROVED

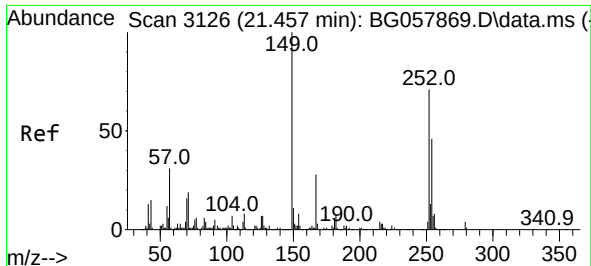
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#81
Benzo(a)anthracene
Concen: 41.940 ng
RT: 21.537 min Scan# 3140
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Tgt Ion:228 Resp: 908026
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.1 16.5 24.7





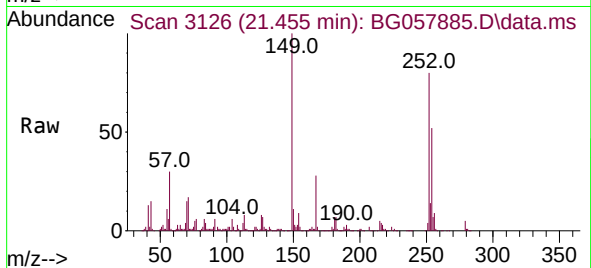
#82
3,3'-Dichlorobenzidine
Concen: 37.888 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

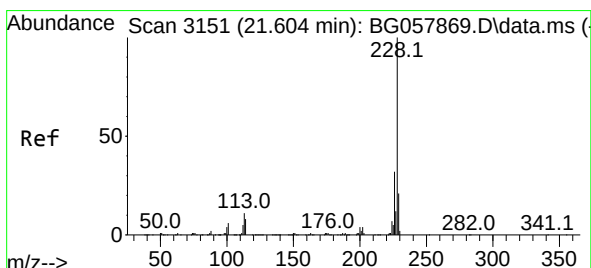
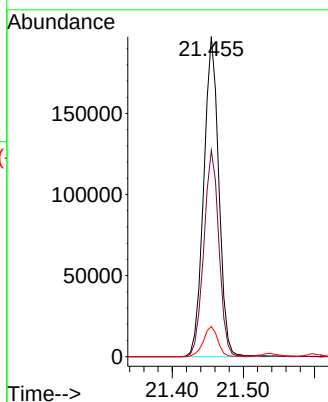
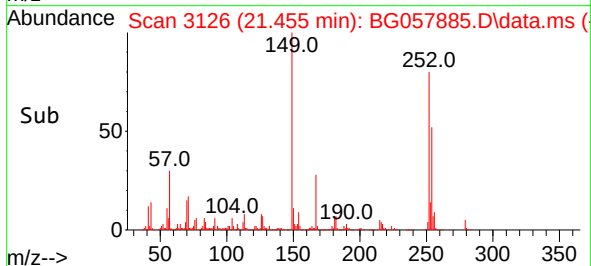


Tgt Ion:252 Resp: 29188
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 9.5 7.4 11.2

Manual Integrations

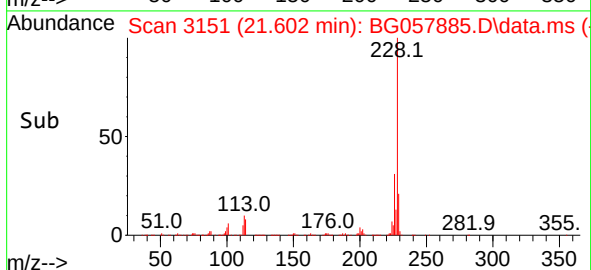
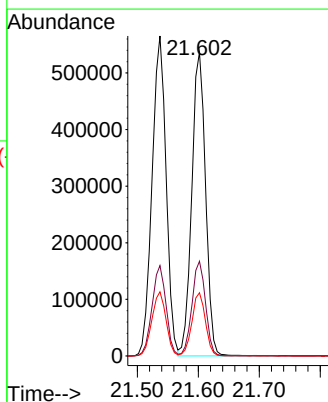
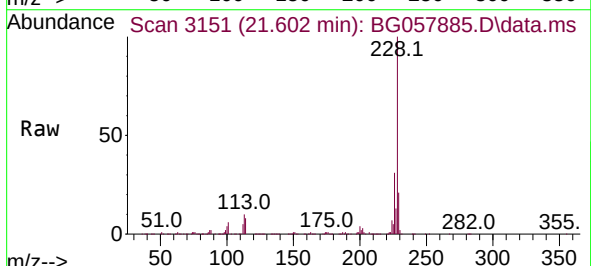
APPROVED

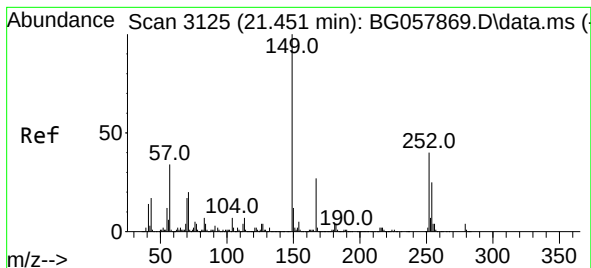
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#83
Chrysene
Concen: 41.092 ng
RT: 21.602 min Scan# 3151
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

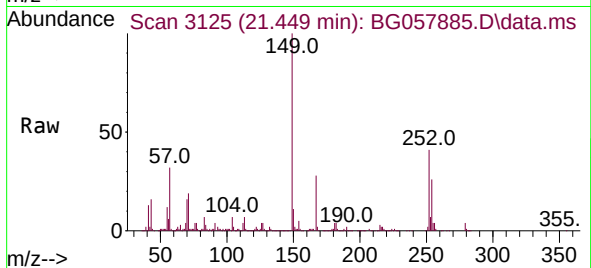
Tgt Ion:228 Resp: 842120
Ion Ratio Lower Upper
228 100
226 31.2 25.3 37.9
229 20.8 16.5 24.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 41.616 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

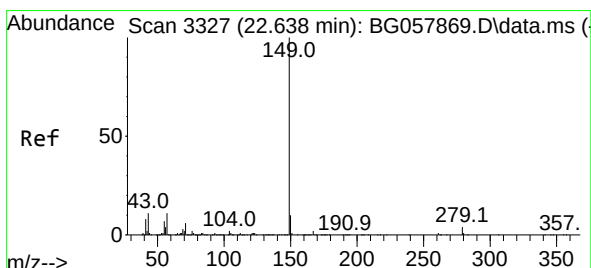
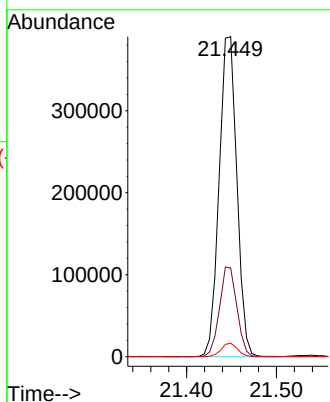
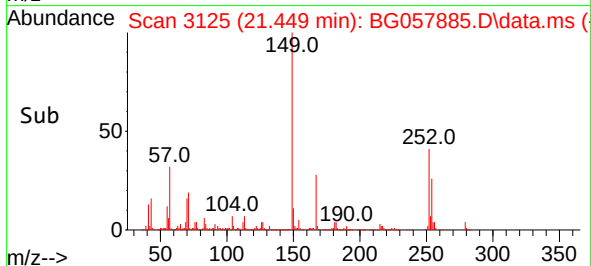
Instrument :
BNA_G
ClientSampleId :
PB153813BS



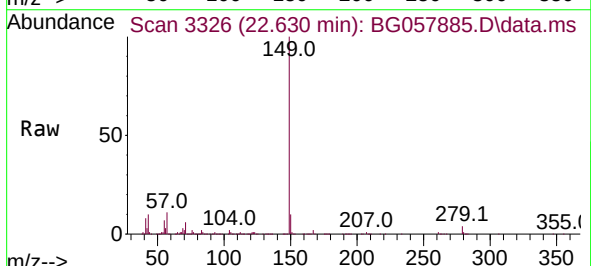
Tgt Ion:149 Resp: 535232
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.2 3.0 4.6

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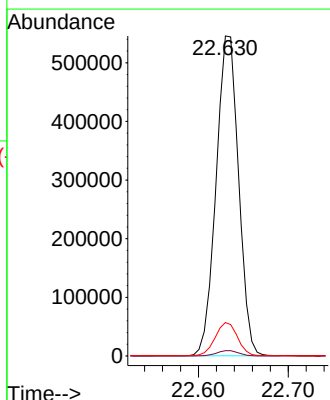
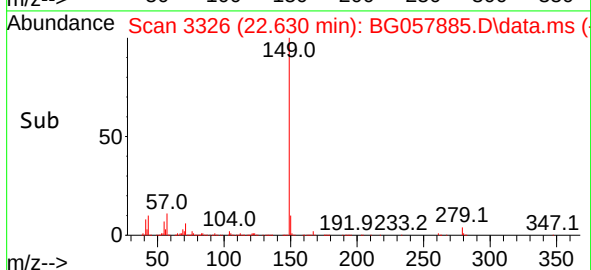
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

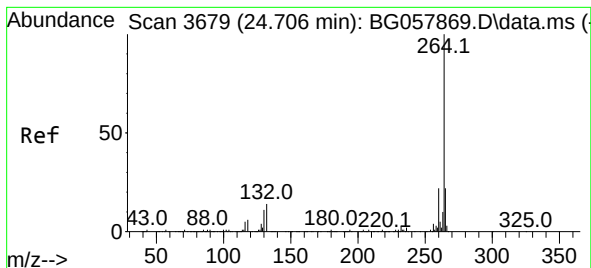


#85
Di-n-octyl phthalate
Concen: 41.791 ng
RT: 22.630 min Scan# 3326
Delta R.T. -0.008 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:149 Resp: 948457
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.704 min Scan# 30

Delta R.T. -0.002 min

Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

ClientSampleId :

PB153813BS

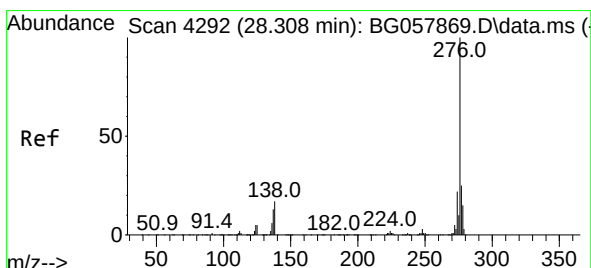
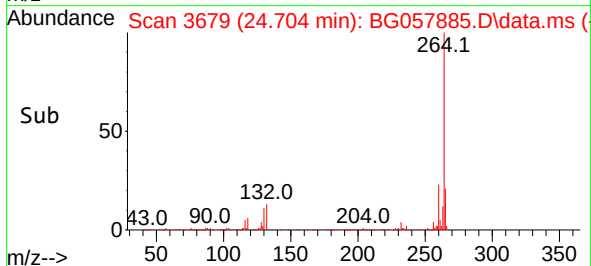
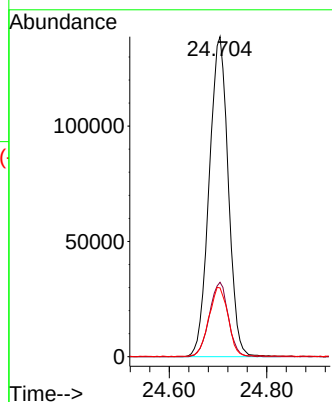
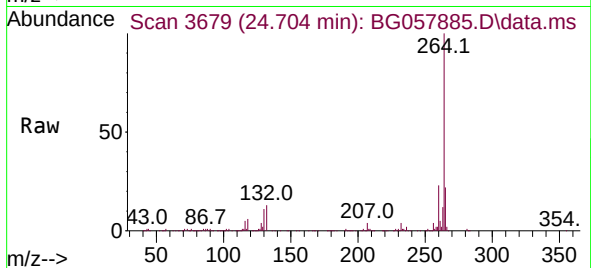
Tgt Ion:264 Resp: 37611

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.8
265	21.5	17.3	25.9

Manual Integrations

APPROVED

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



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.320 ng

RT: 28.288 min Scan# 4289

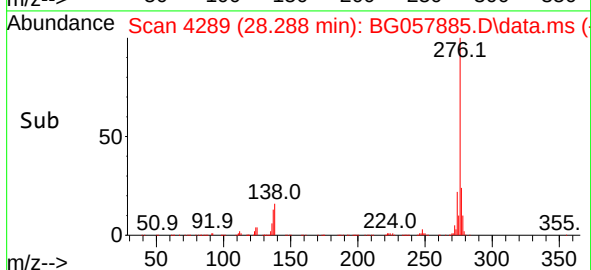
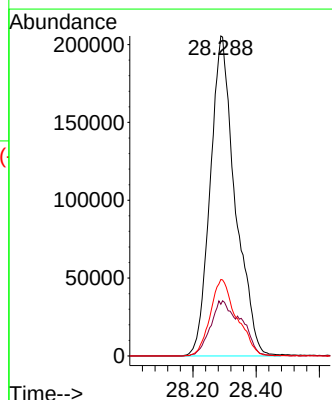
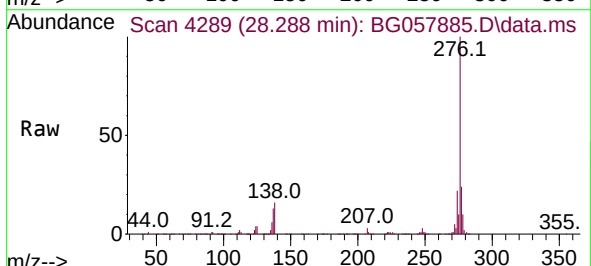
Delta R.T. -0.020 min

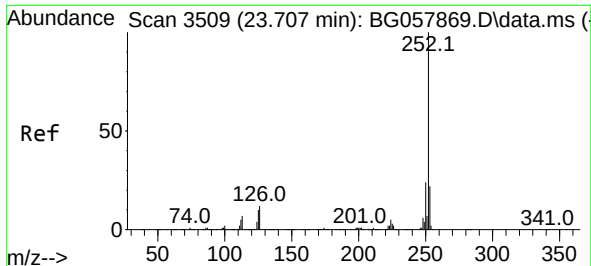
Lab File: BG057885.D

Acq: 28 Jun 2023 9:39

Tgt Ion:276 Resp: 1129203

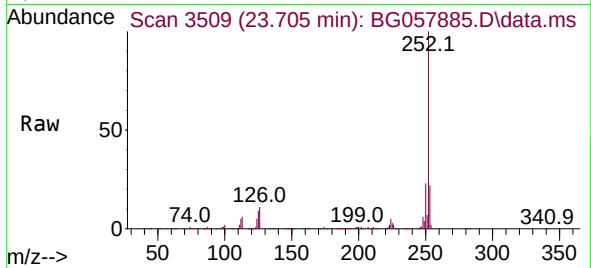
Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.2	18.4
277	25.3	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 46.021 ng
RT: 23.705 min Scan# 3509
Delta R.T. -0.002 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

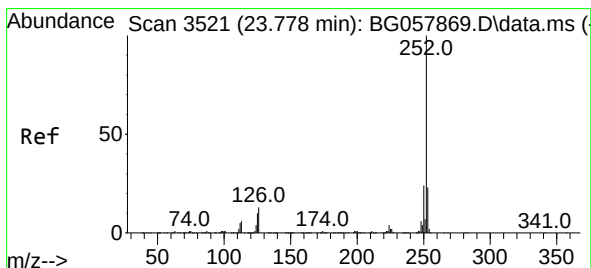
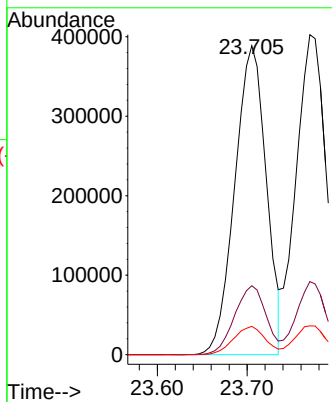
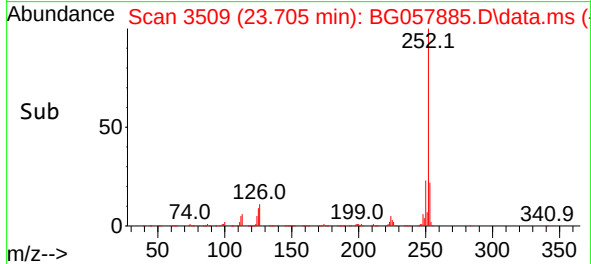
Instrument :
BNA_G
ClientSampleId :
PB153813BS



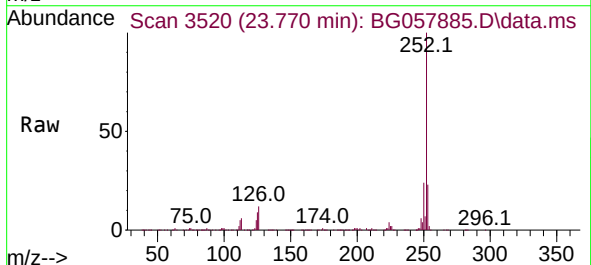
Tgt Ion:252 Resp: 944065
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.2 7.7 11.5

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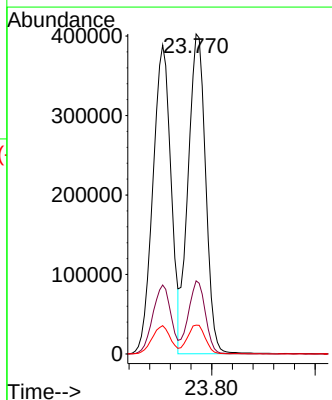
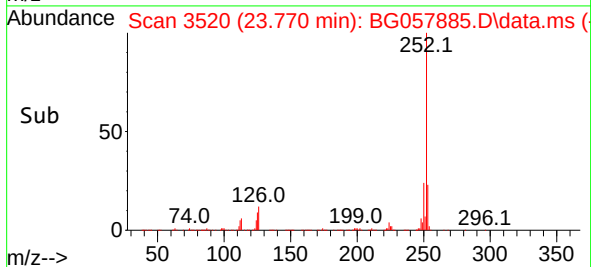
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

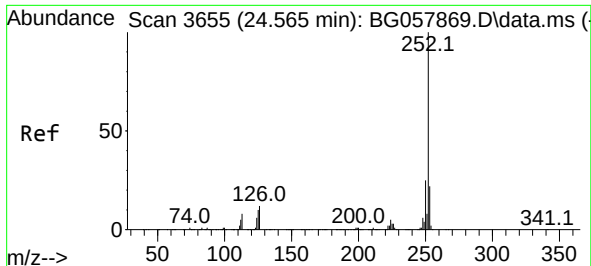


#89
Benzo(k)fluoranthene
Concen: 45.651 ng
RT: 23.770 min Scan# 3520
Delta R.T. -0.008 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39



Tgt Ion:252 Resp: 946492
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 9.0 7.8 11.6





#90
Benzo(a)pyrene
Concen: 41.799 ng
RT: 24.557 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

Instrument :

BNA_G

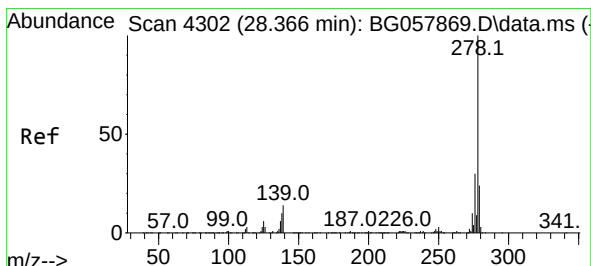
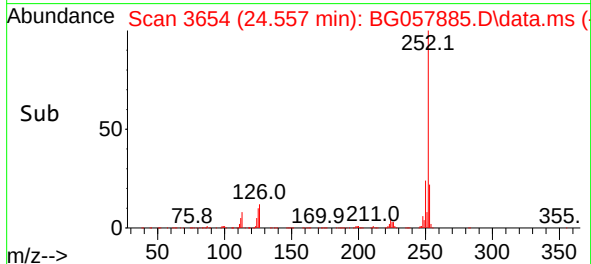
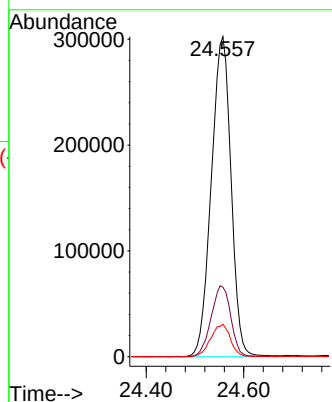
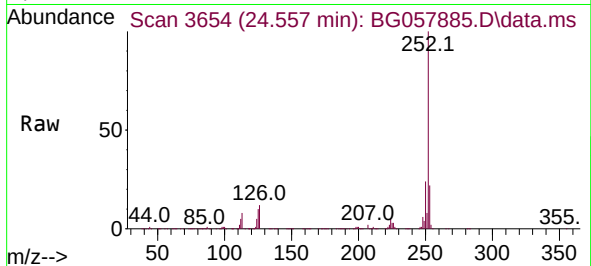
ClientSampleId :

PB153813BS

Tgt Ion:252 Resp: 84939
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.1 8.0 12.0

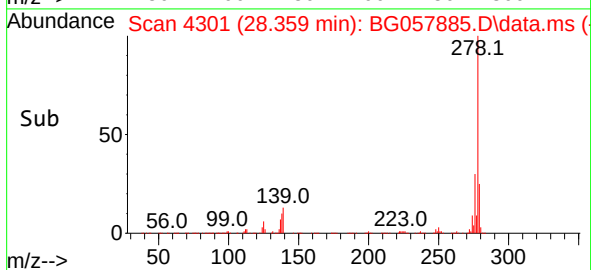
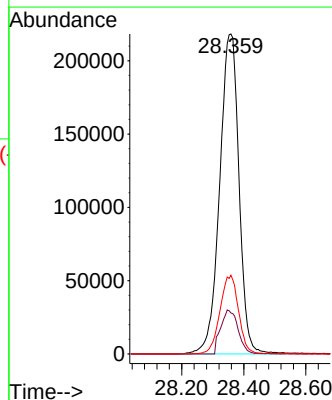
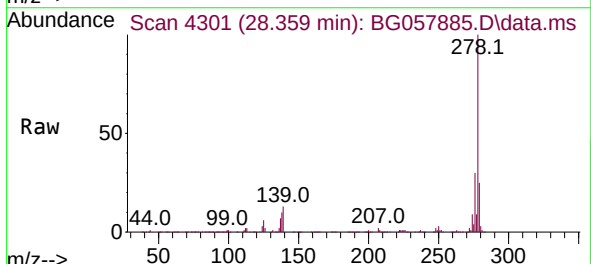
Manual Integrations
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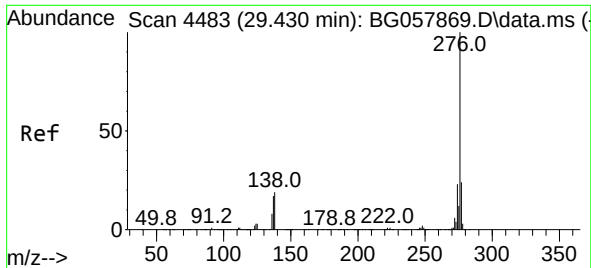
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#91
Dibenzo(a,h)anthracene
Concen: 45.672 ng
RT: 28.359 min Scan# 4301
Delta R.T. -0.008 min
Lab File: BG057885.D
Acq: 28 Jun 2023 9:39

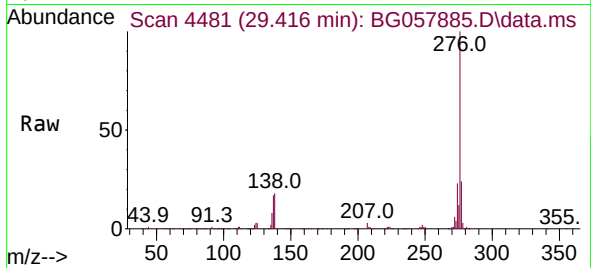
Tgt Ion:278 Resp: 943962
Ion Ratio Lower Upper
278 100
139 12.8 11.0 16.4
279 24.6 19.3 28.9





#92
 Benzo(g,h,i)perylene
 Concen: 45.230 ng
 RT: 29.416 min Scan# 44
 Delta R.T. -0.014 min
 Lab File: BG057885.D
 Acq: 28 Jun 2023 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS



Tgt Ion:276 Resp: 92905
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.4 29.2
 138 17.9 15.0 22.6

Manual Integrations
 APPROVED

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

