

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057740.D
 Acq On : 16 Jun 2023 18:43
 Operator : CG/JU
 Sample : PB153314BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153314BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:57:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	31554	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	149316	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	109197	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	265995	20.000	ng	0.00
76) Chrysene-d12	21.566	240	222048	20.000	ng	0.00
86) Perylene-d12	24.721	264	277195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	290807	150.066	ng	0.00
7) Phenol-d6	7.095	99	420852	141.367	ng	0.00
23) Nitrobenzene-d5	9.092	82	236547	96.069	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	190756	156.580	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	582170	79.470	ng	0.00
79) Terphenyl-d14	19.927	244	1047312	87.203	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	30001	30.409	ng	92
3) Pyridine	3.799	79	83990	30.073	ng	92
4) n-Nitrosodimethylamine	3.716	42	49711	36.495	ng	81
6) Aniline	7.253	93	136298	34.895	ng	96
8) 2-Chlorophenol	7.494	128	105293	56.670	ng	93
9) Benzaldehyde	7.065	77	60370	32.900	ng	99
10) Phenol	7.118	94	152053	52.270	ng	96
11) bis(2-Chloroethyl)ether	7.353	93	99338	43.569	ng	96
12) 1,3-Dichlorobenzene	7.823	146	93990	43.731	ng	96
13) 1,4-Dichlorobenzene	7.970	146	96666	45.363	ng	96
14) 1,2-Dichlorobenzene	8.288	146	94258	45.525	ng	99
15) Benzyl Alcohol	8.170	79	109097	47.850	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	200241m	40.334	ng	
17) 2-Methylphenol	8.370	107	102410	47.841	ng	96
18) Hexachloroethane	9.016	117	34301	52.088	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	90283	41.942	ng	98
20) 3+4-Methylphenols	8.699	107	143795	49.129	ng	96
22) Acetophenone	8.752	105	175013	40.346	ng	# 96
24) Nitrobenzene	9.134	77	124177	46.329	ng	100
25) Isophorone	9.656	82	267579	38.663	ng	99
26) 2-Nitrophenol	9.845	139	46413	61.039	ng	# 87
27) 2,4-Dimethylphenol	9.903	122	109528	47.394	ng	98
28) bis(2-Chloroethoxy)met...	10.144	93	150643	41.871	ng	98
29) 2,4-Dichlorophenol	10.379	162	107513	54.843	ng	98
30) 1,2,4-Trichlorobenzene	10.597	180	107446	42.169	ng	98
31) Naphthalene	10.785	128	321867	40.109	ng	99
32) Benzoic acid	10.033	122	80191	88.796	ng	96
33) 4-Chloroaniline	10.890	127	73142	19.577	ng	97
34) Hexachlorobutadiene	11.072	225	63703	39.757	ng	99
35) Caprolactam	11.666	113	41470m	51.280	ng	
36) 4-Chloro-3-methylphenol	12.013	107	136027	48.979	ng	98
37) 2-Methylnaphthalene	12.394	142	232439	39.151	ng	97
38) 1-Methylnaphthalene	12.612	142	219924	39.486	ng	100
40) 1,2,4,5-Tetrachloroben...	12.759	216	127582	41.274	ng	98
41) Hexachlorocyclopentadiene	12.741	237	160083	135.781	ng	96
43) 2,4,6-Trichlorophenol	12.994	196	96558	48.247	ng	99

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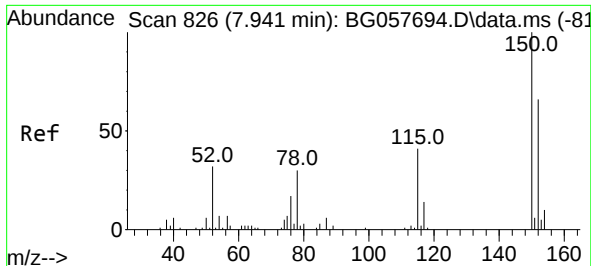
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	109239	46.301	ng	96
46) 1,1'-Biphenyl	13.405	154	317647	42.102	ng	99
47) 2-Chloronaphthalene	13.446	162	245227	43.004	ng	96
48) 2-Nitroaniline	13.646	65	90845	55.637	ng	96
49) Acenaphthylene	14.286	152	408465	41.304	ng	98
50) Dimethylphthalate	14.022	163	347799	43.439	ng	99
51) 2,6-Dinitrotoluene	14.139	165	68716	55.596	ng	88
52) Acenaphthene	14.633	154	279092m	47.082	ng	
53) 3-Nitroaniline	14.469	138	49410	38.401	ng	# 97
54) 2,4-Dinitrophenol	14.674	184	72859	116.878	ng	96
55) Dibenzofuran	14.968	168	406806	40.884	ng	99
56) 4-Nitrophenol	14.774	139	132597	98.589	ng	89
57) 2,4-Dinitrotoluene	14.927	165	97283	59.163	ng	94
58) Fluorene	15.614	166	321710	40.588	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.185	232	97509	49.373	ng	99
60) Diethylphthalate	15.391	149	364202	44.066	ng	100
61) 4-Chlorophenyl-phenyle...	15.608	204	173280	40.806	ng	99
62) 4-Nitroaniline	15.632	138	75529	49.552	ng	92
63) Azobenzene	15.902	77	362211	40.759	ng	98
65) 4,6-Dinitro-2-methylph...	15.685	198	51961	69.846	ng	91
66) n-Nitrosodiphenylamine	15.820	169	293267	42.176	ng	99
67) 4-Bromophenyl-phenylether	16.501	248	116281	42.932	ng	99
68) Hexachlorobenzene	16.613	284	125764	44.431	ng	99
69) Atrazine	16.772	200	123595	53.425	ng	99
70) Pentachlorophenol	16.960	266	170186	100.149	ng	97
71) Phenanthrene	17.353	178	539738	41.583	ng	100
72) Anthracene	17.442	178	548213	41.692	ng	99
73) Carbazole	17.712	167	525407	43.145	ng	99
74) Di-n-butylphthalate	18.276	149	642098	47.571	ng	98
75) Fluoranthene	19.363	202	652744	41.745	ng	100
77) Benzidine	19.545	184	317212	59.926	ng	98
78) Pyrene	19.727	202	665442	42.119	ng	99
80) Butylbenzylphthalate	20.620	149	282138	48.975	ng	95
81) Benzo(a)anthracene	21.548	228	653560	42.620	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	175123	35.061	ng	99
83) Chrysene	21.613	228	610004	41.799	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	400665	51.476	ng	99
85) Di-n-octyl phthalate	22.659	149	732361	54.567	ng	96
87) Indeno(1,2,3-cd)pyrene	28.323	276	801563	44.691	ng	99
88) Benzo(b)fluoranthene	23.722	252	699779	46.535	ng	99
89) Benzo(k)fluoranthene	23.793	252	656725	42.108	ng	97
90) Benzo(a)pyrene	24.574	252	610867	41.316	ng	99
91) Dibenzo(a,h)anthracene	28.387	278	665413	44.895	ng	99
92) Benzo(g,h,i)perylene	29.451	276	659830	44.603	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

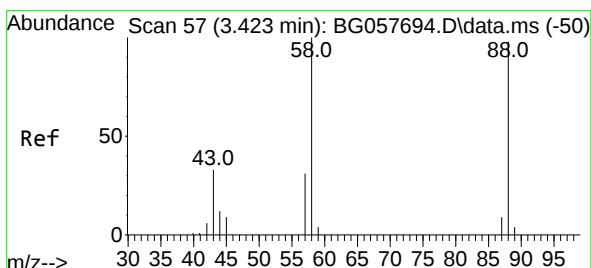
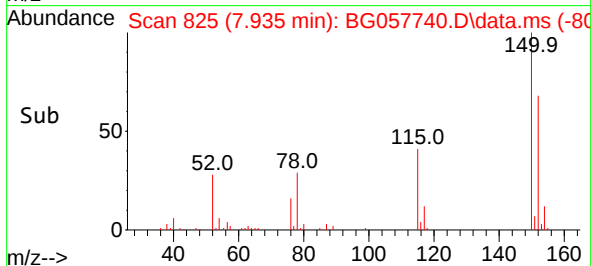
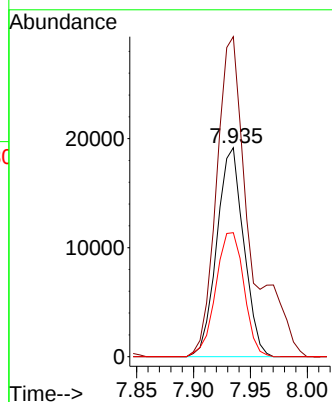
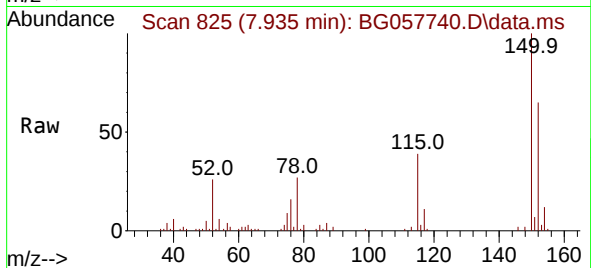
PB153314BS

Tgt Ion:152 Resp: 31554
Ion Ratio Lower Upper
152 100
150 153.1 120.8 181.2
115 59.3 49.4 74.2

Manual Integrations

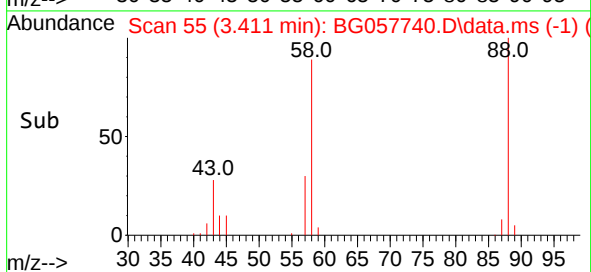
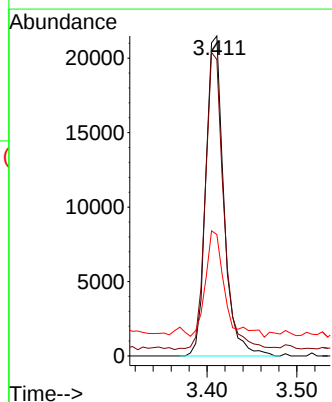
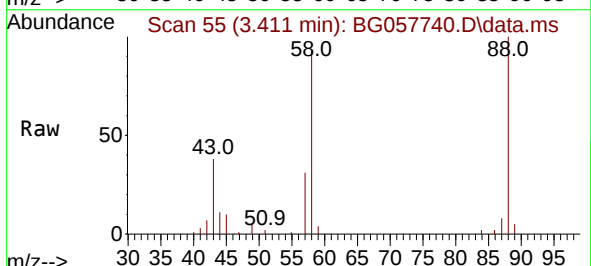
APPROVED

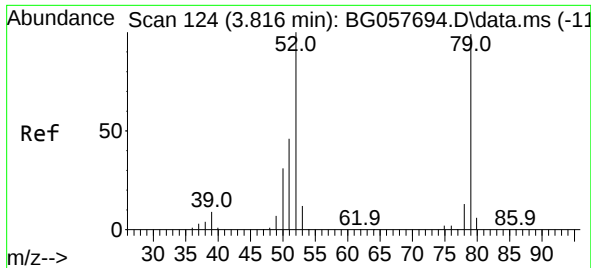
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#2
1,4-Dioxane
Concen: 30.409 ng
RT: 3.411 min Scan# 55
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion: 88 Resp: 30001
Ion Ratio Lower Upper
88 100
58 93.7 83.0 124.6
43 35.0 26.2 39.4





#3
Pyridine
Concen: 30.073 ng
RT: 3.799 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

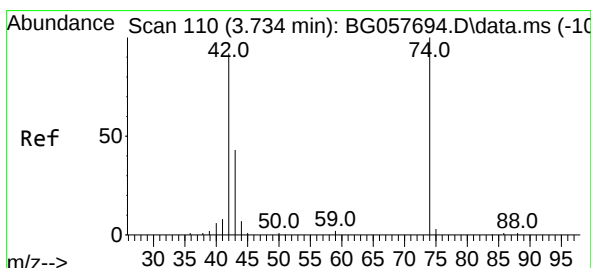
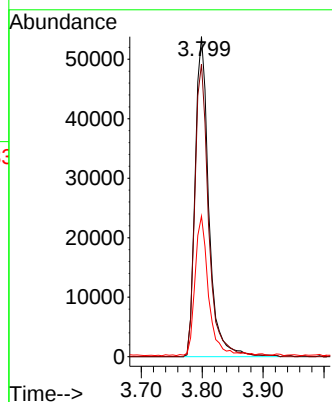
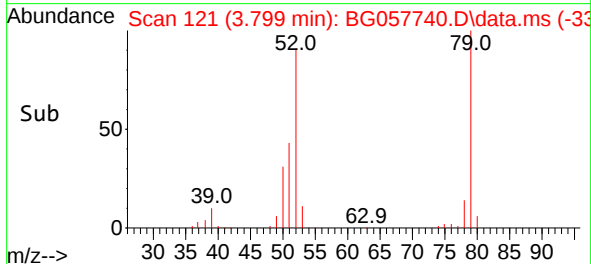
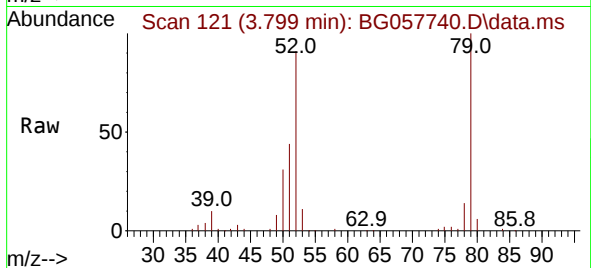
ClientSampleId :

PB153314BS

Tgt Ion: 79 Resp: 83990
Ion Ratio Lower Upper
79 100
52 91.4 81.1 121.7
51 43.9 38.0 57.0

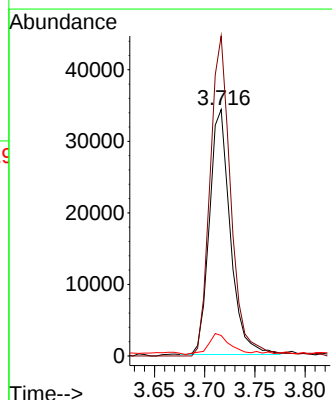
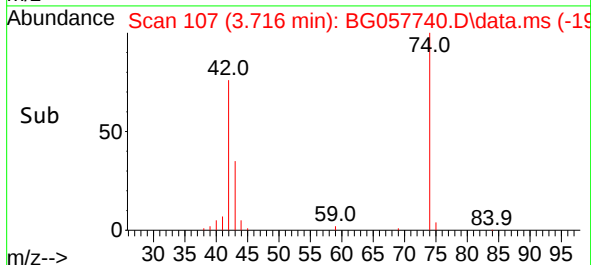
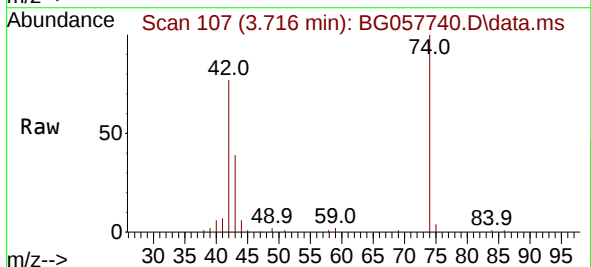
Manual Integrations
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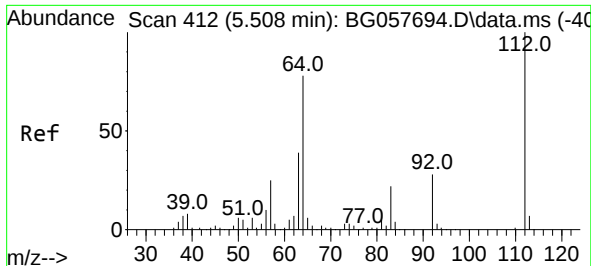
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#4
n-Nitrosodimethylamine
Concen: 36.495 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion: 42 Resp: 49711
Ion Ratio Lower Upper
42 100
74 129.9 86.8 130.2
44 8.3 7.5 11.3





#5
2-Fluorophenol
Concen: 150.066 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

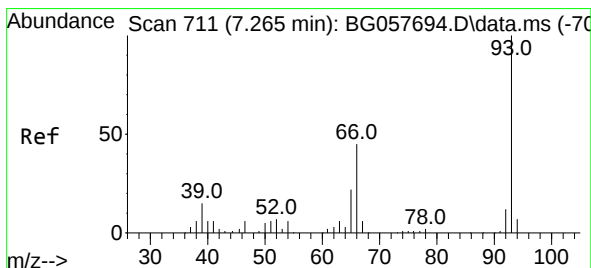
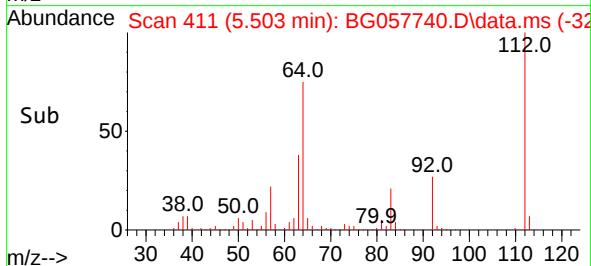
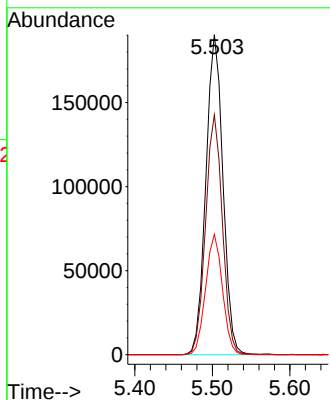
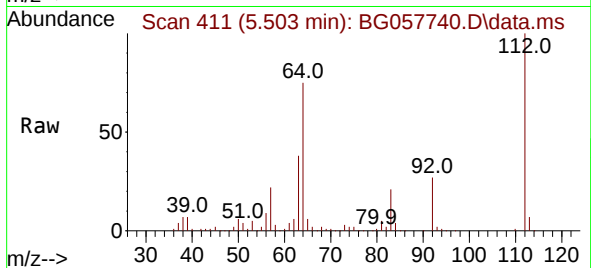
PB153314BS

Tgt Ion:112 Resp: 29080
Ion Ratio Lower Upper
112 100
64 75.0 62.3 93.5
63 37.6 31.5 47.3

Manual Integrations

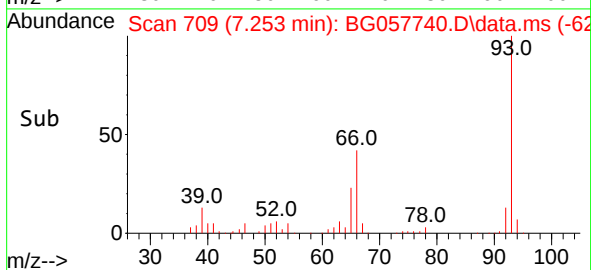
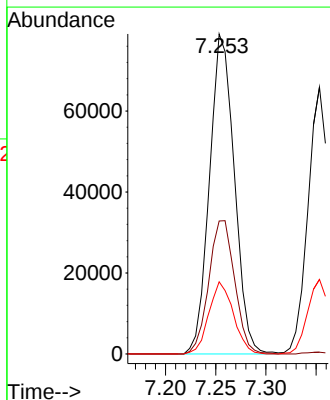
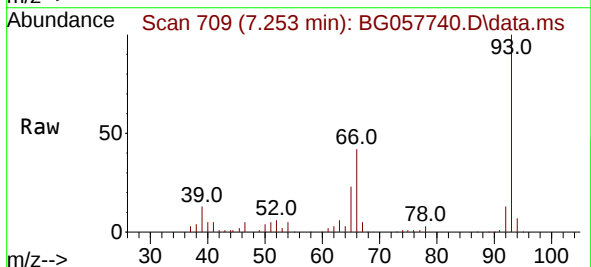
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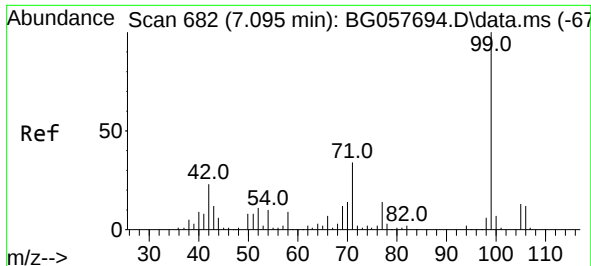
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#6
Aniline
Concen: 34.895 ng
RT: 7.253 min Scan# 709
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

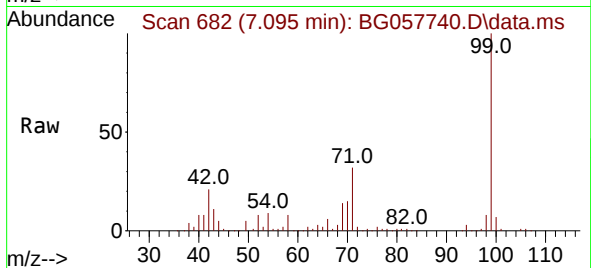
Tgt Ion: 93 Resp: 136298
Ion Ratio Lower Upper
93 100
66 41.6 36.1 54.1
65 22.6 17.2 25.8





#7
Phenol-d6
Concen: 141.367 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

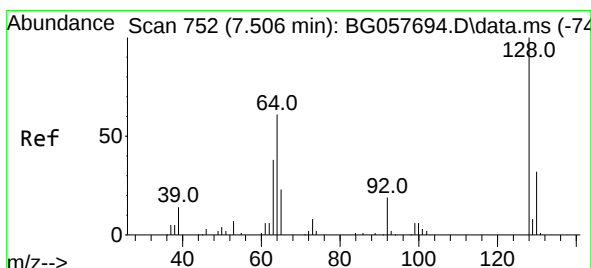
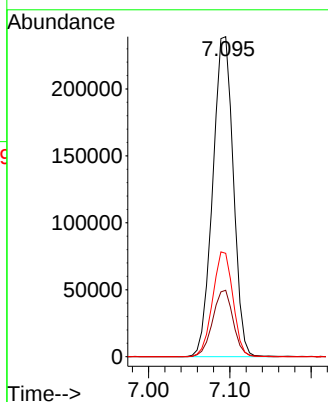
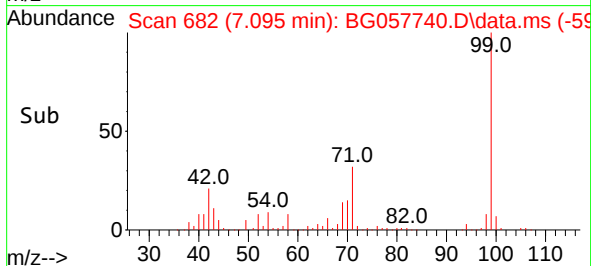
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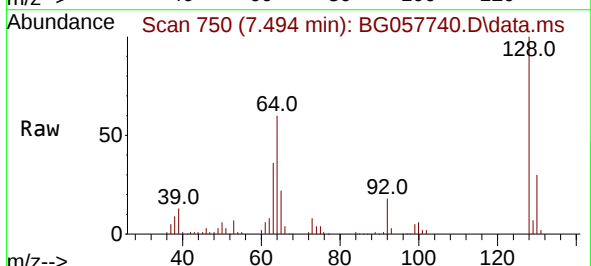
Tgt Ion: 99 Resp: 420852
Ion Ratio Lower Upper
99 100
42 20.7 18.3 27.5
71 32.3 27.5 41.3

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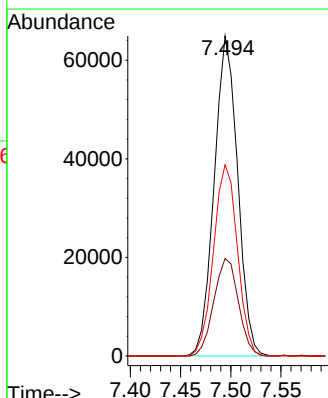
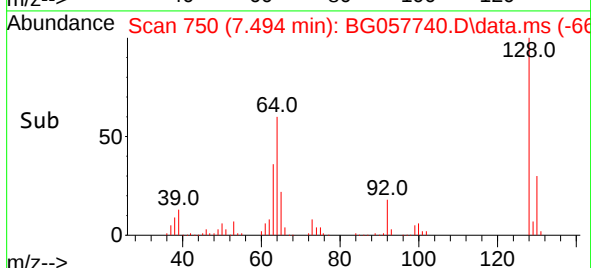
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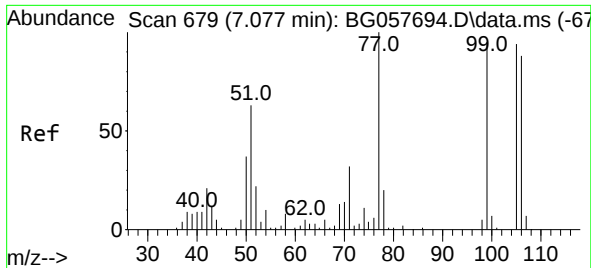


#8
2-Chlorophenol
Concen: 56.670 ng
RT: 7.494 min Scan# 750
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:128 Resp: 105293
Ion Ratio Lower Upper
128 100
130 30.5 12.4 52.4
64 59.8 47.2 87.2





#9
Benzaldehyde
Concen: 32.900 ng
RT: 7.065 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

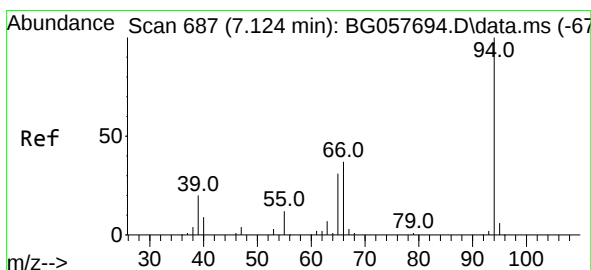
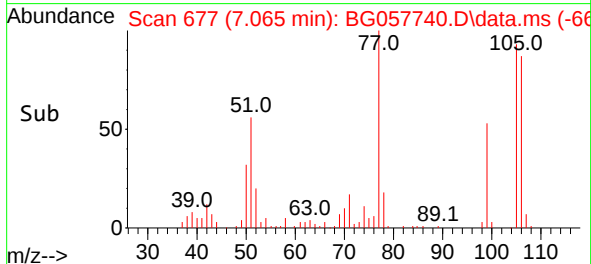
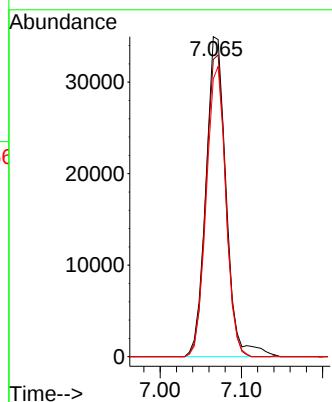
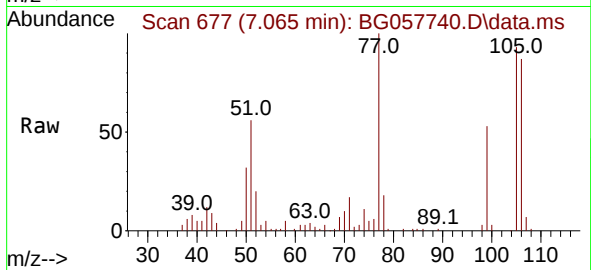
PB153314BS

Tgt Ion: 77 Resp: 60370
Ion Ratio Lower Upper
77 100
105 92.9 73.9 113.9
106 86.9 68.2 108.2

Manual Integrations

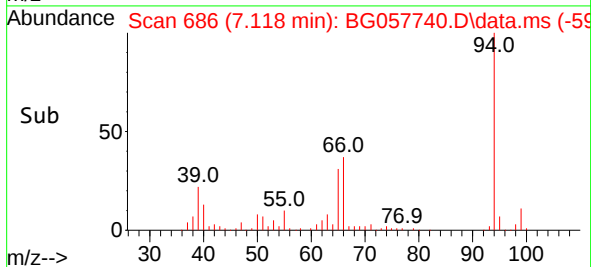
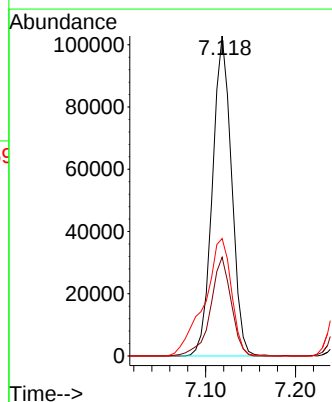
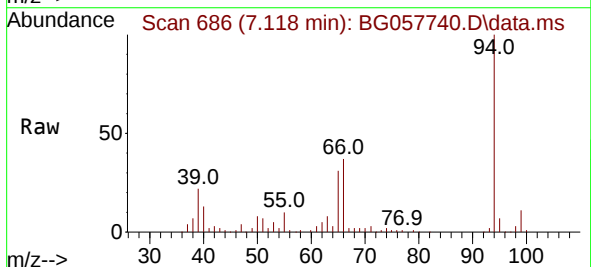
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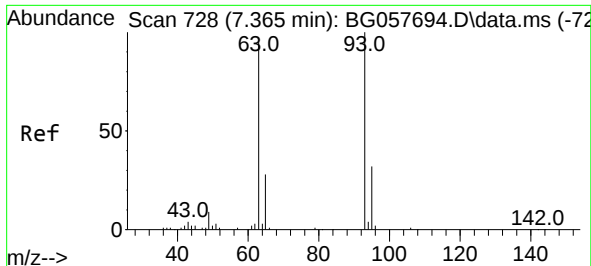
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 52.270 ng
RT: 7.118 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion: 94 Resp: 152053
Ion Ratio Lower Upper
94 100
65 30.9 11.5 51.5
66 36.7 20.1 60.1





#11
bis(2-Chloroethyl)ether
Concen: 43.569 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

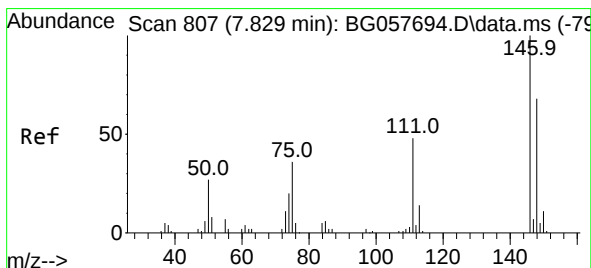
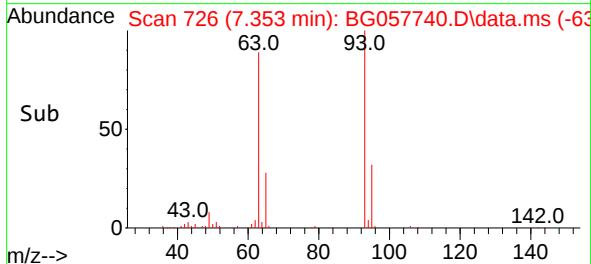
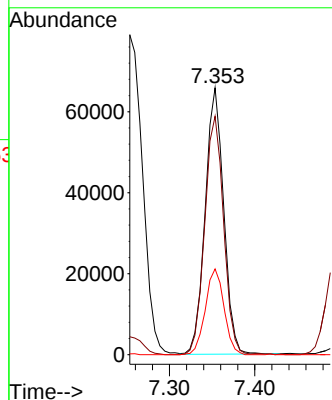
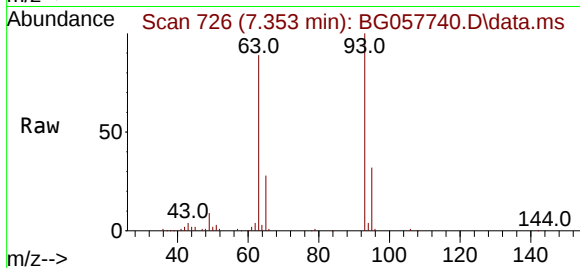
ClientSampleId :

PB153314BS

Tgt Ion: 93 Resp: 99338
Ion Ratio Lower Upper
93 100
63 89.3 74.5 114.5
95 32.1 12.1 52.1

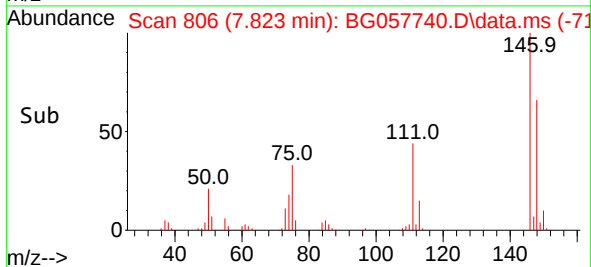
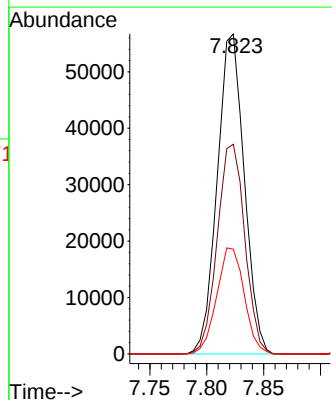
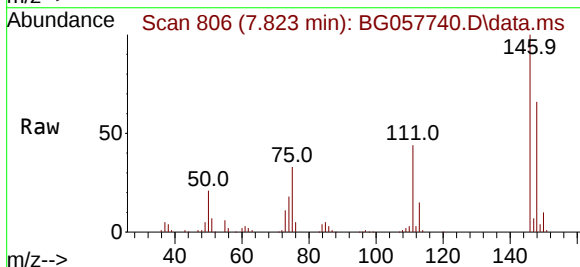
Manual Integrations
APPROVED

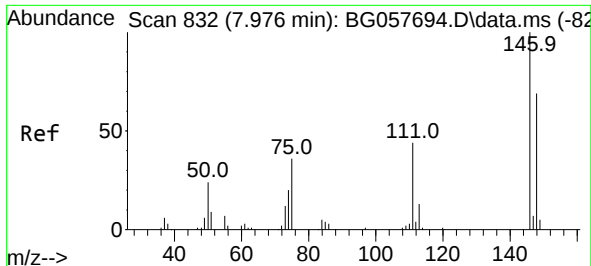
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 43.731 ng
RT: 7.823 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:146 Resp: 93990
Ion Ratio Lower Upper
146 100
148 65.6 54.6 81.8
75 32.7 28.7 43.1





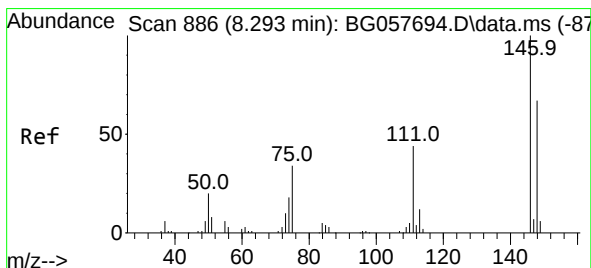
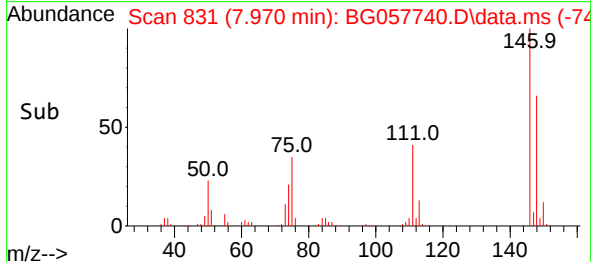
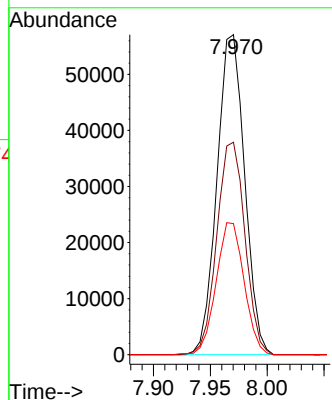
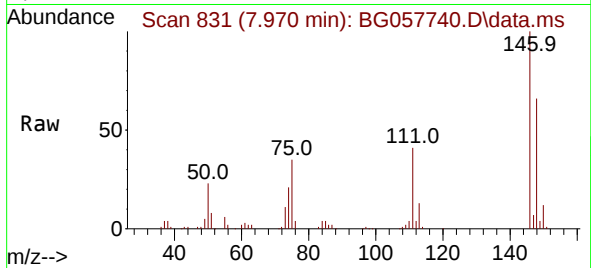
#13
1,4-Dichlorobenzene
Concen: 45.363 ng
RT: 7.970 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :
BNA_G
ClientSampleId :
PB153314BS

Tgt Ion:146 Resp: 9666
Ion Ratio Lower Upper
146 100
148 66.4 55.5 83.3
111 41.0 35.3 52.9

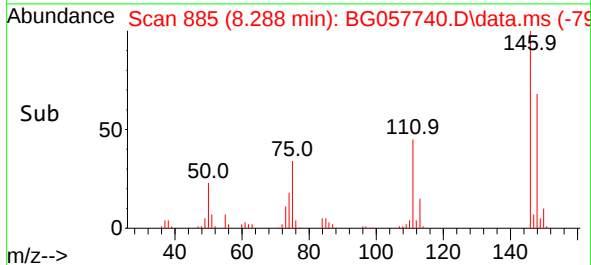
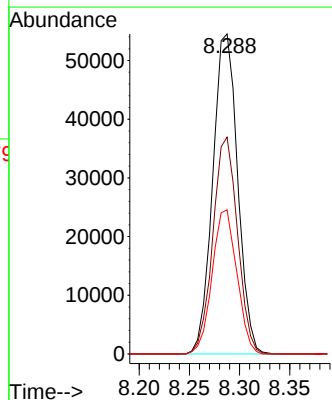
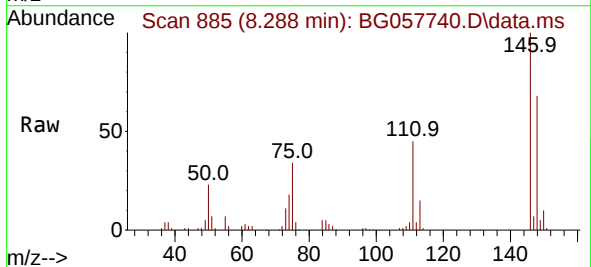
Manual Integrations
APPROVED

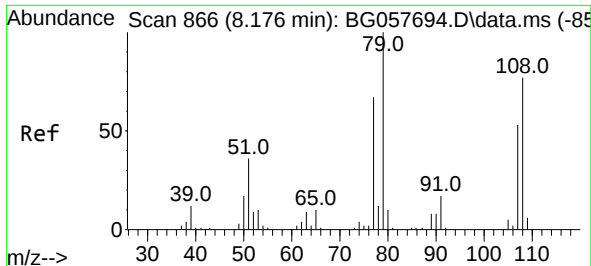
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#14
1,2-Dichlorobenzene
Concen: 45.525 ng
RT: 8.288 min Scan# 885
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:146 Resp: 94258
Ion Ratio Lower Upper
146 100
148 67.8 53.8 80.8
111 45.0 35.8 53.6





#15
Benzyl Alcohol
Concen: 47.850 ng
RT: 8.170 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

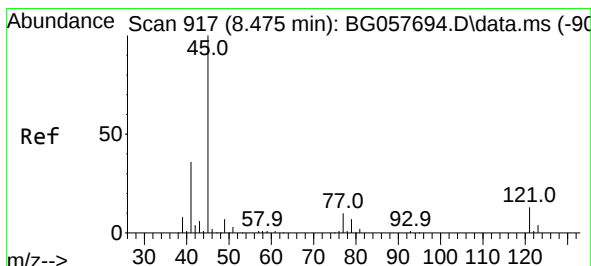
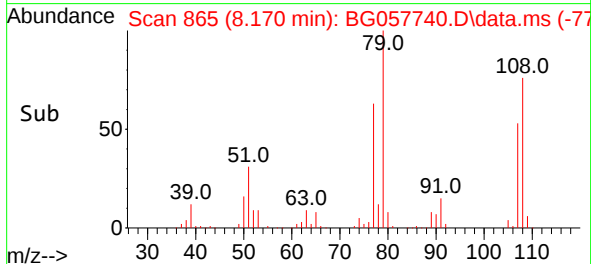
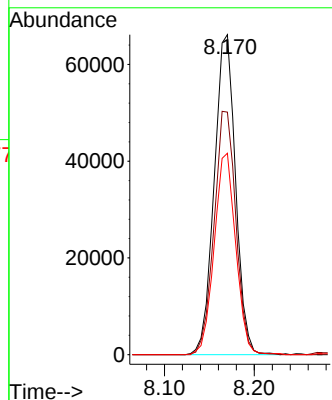
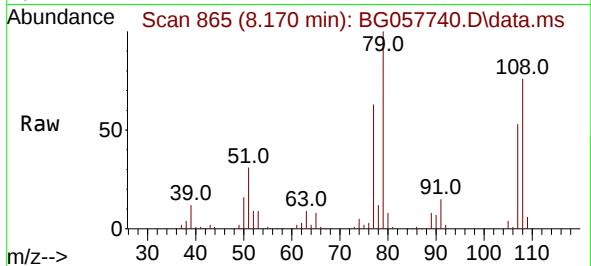
ClientSampleId :

PB153314BS

Tgt Ion: 79 Resp: 10909
Ion Ratio Lower Upper
79 100
108 75.8 61.6 92.4
77 62.9 53.2 79.8

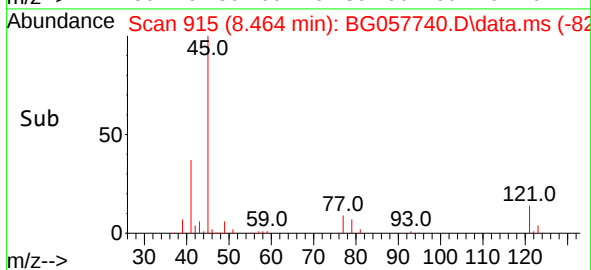
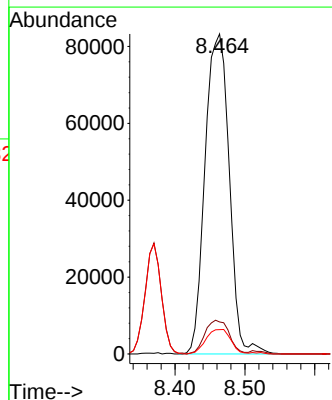
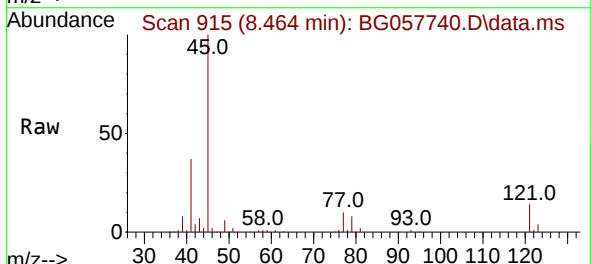
Manual Integrations
APPROVED

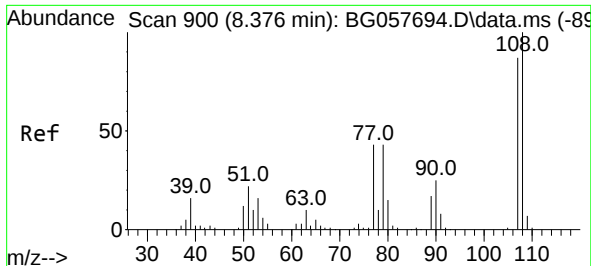
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.334 ng m
RT: 8.464 min Scan# 915
Delta R.T. -0.001 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion: 45 Resp: 200241
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.3
79 7.6 0.0 26.9





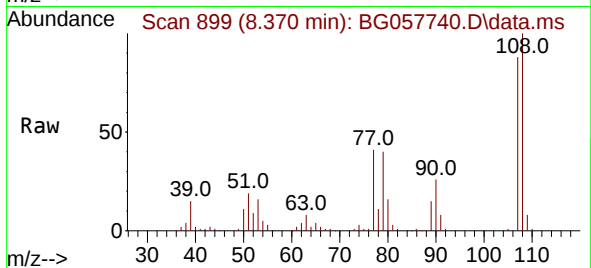
#17
2-Methylphenol
Concen: 47.841 ng
RT: 8.370 min Scan# 899
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

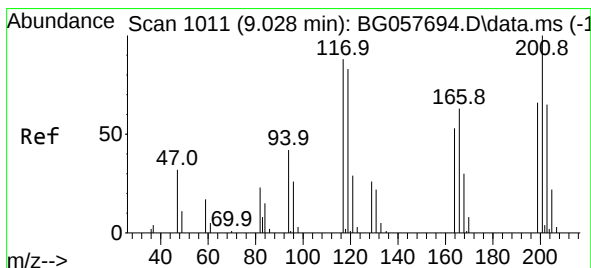
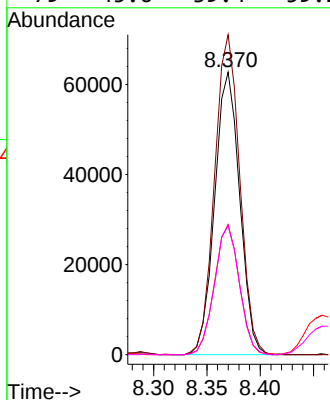
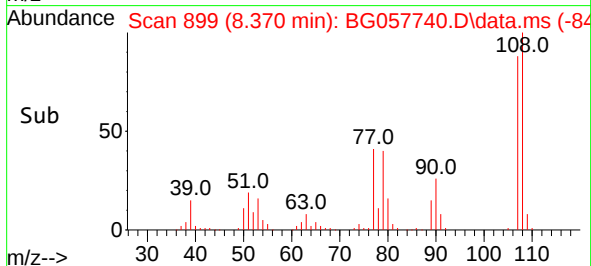


Tgt Ion:	107	Resp:	102410
Ion	Ratio	Lower	Upper
107	100		
108	113.2	92.4	138.6
77	46.0	39.9	59.9
79	45.6	39.4	59.2

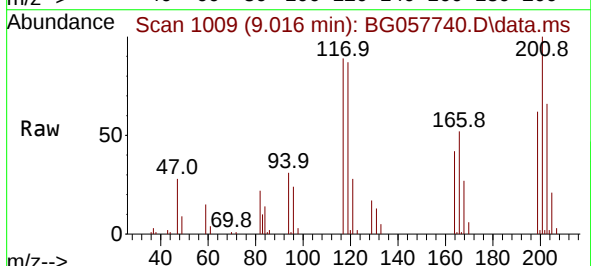
Manual Integrations

APPROVED

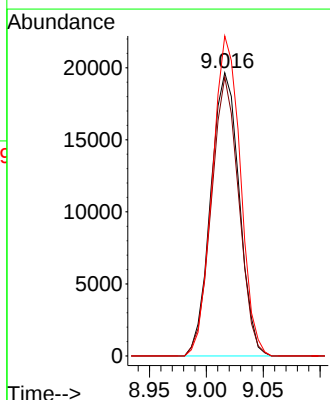
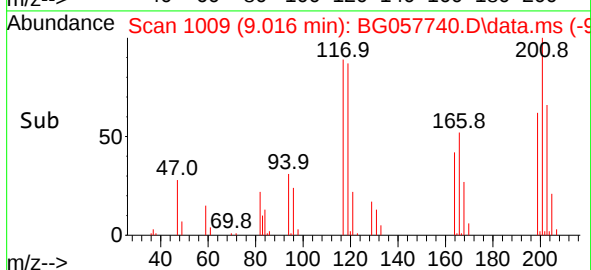
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

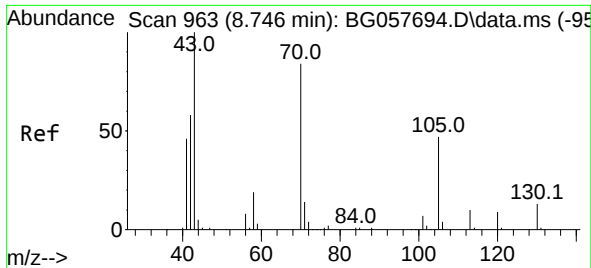


#18
Hexachloroethane
Concen: 52.088 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:	117	Resp:	34301
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.7	113.5
201	113.0	91.0	136.6





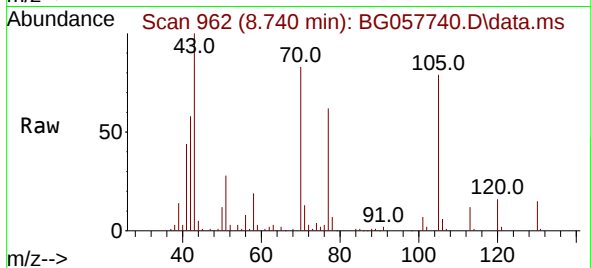
#19
n-Nitroso-di-n-propylamine
Concen: 41.942 ng
RT: 8.740 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

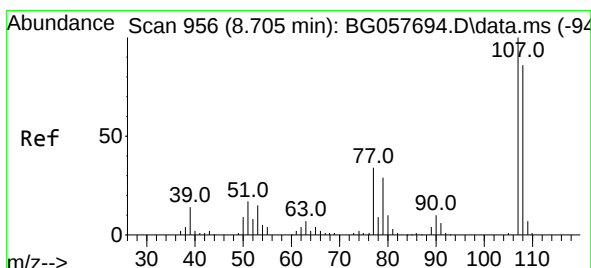
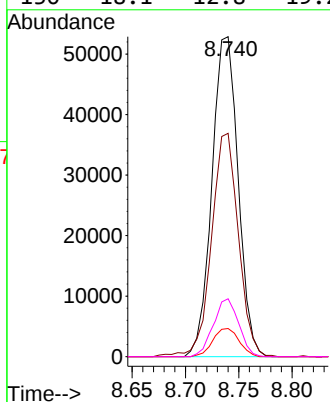
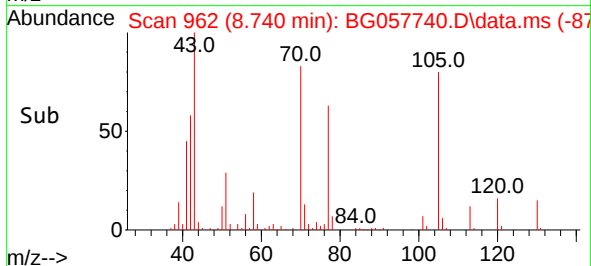


Tgt Ion: 70 Resp: 90283
Ion Ratio Lower Upper
70 100
42 69.8 56.6 84.8
101 8.8 6.2 9.4
130 18.1 12.8 19.2

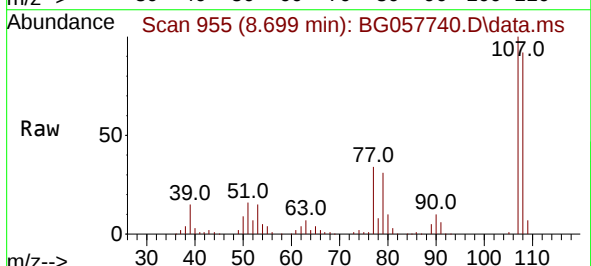
Manual Integrations

APPROVED

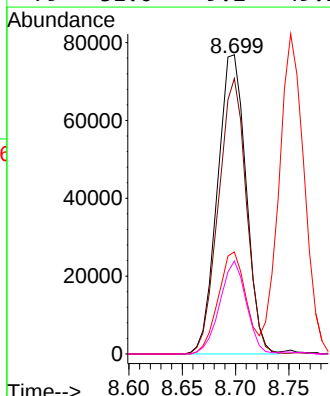
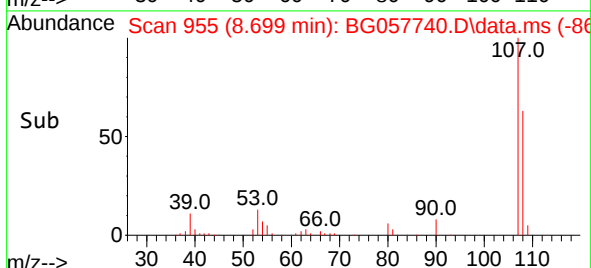
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

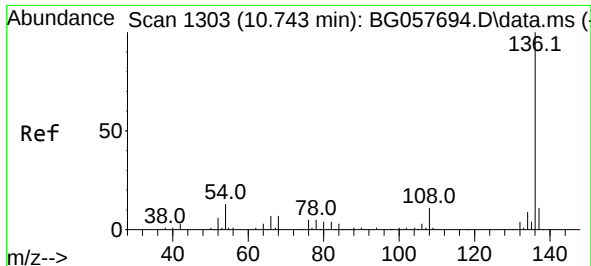


#20
3+4-Methylphenols
Concen: 49.129 ng
RT: 8.699 min Scan# 955
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:107 Resp: 143795
Ion Ratio Lower Upper
107 100
108 92.1 66.3 106.3
77 34.1 13.9 53.9
79 31.0 9.2 49.2





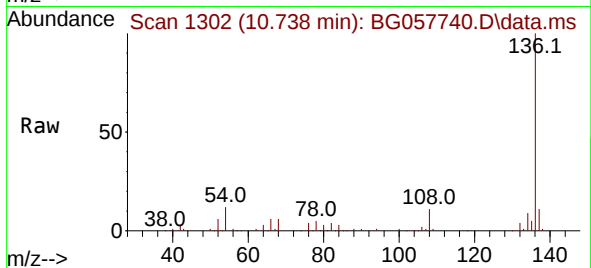
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS



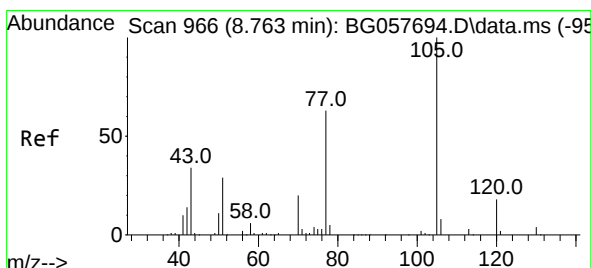
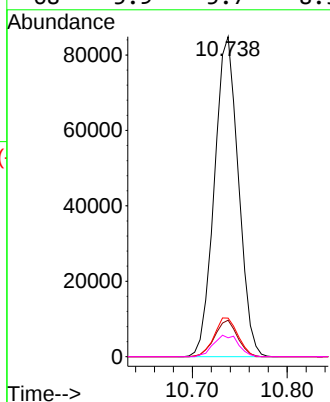
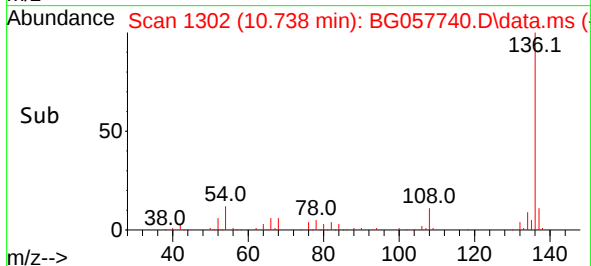
Tgt Ion:136 Resp: 149310
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 12.0 10.8 16.2
68 5.9 5.7 8.5

Manual Integrations

APPROVED

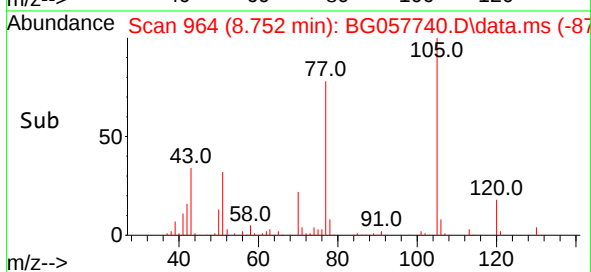
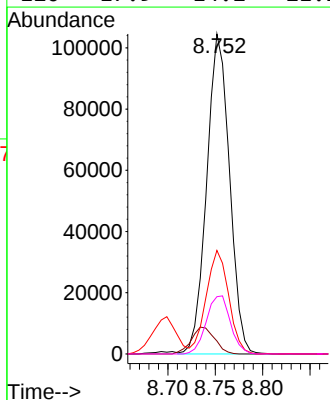
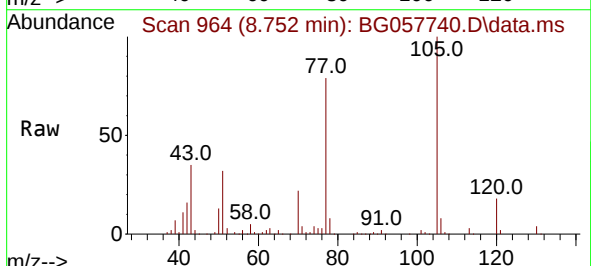
Reviewed By :Yogesh Patel 06/19/2023

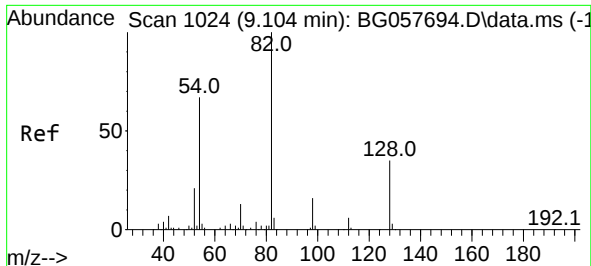
Supervised By :mohammad ahmed 06/20/2023



#22
Acetophenone
Concen: 40.346 ng
RT: 8.752 min Scan# 964
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:105 Resp: 175013
Ion Ratio Lower Upper
105 100
71 4.1 2.6 3.8#
51 32.4 28.3 42.5
120 17.9 14.2 21.2





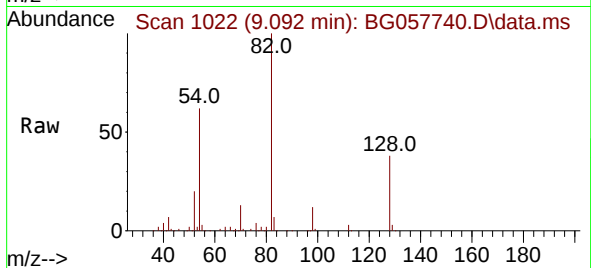
#23
Nitrobenzene-d5
Concen: 96.069 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

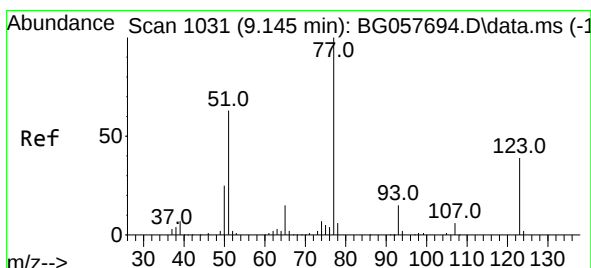
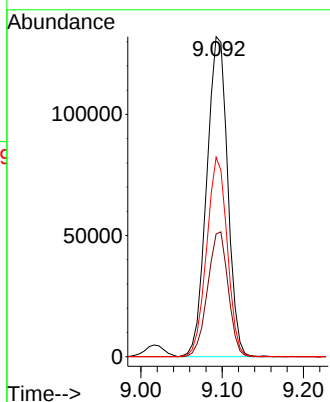
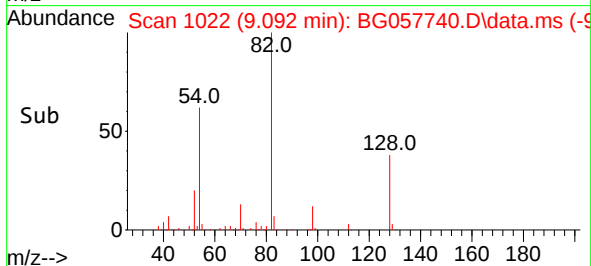
PB153314BS



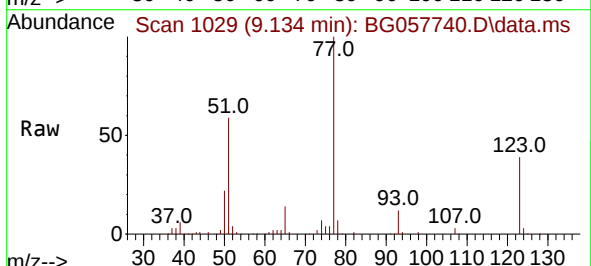
Tgt Ion: 82 Resp: 23654
Ion Ratio Lower Upper
82 100
128 38.4 27.7 41.5
54 62.3 53.8 80.8

Manual Integrations
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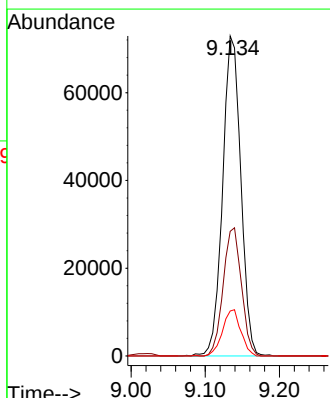
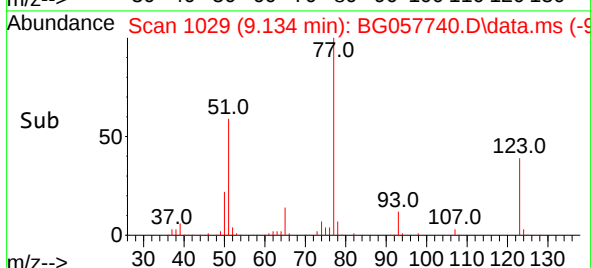
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

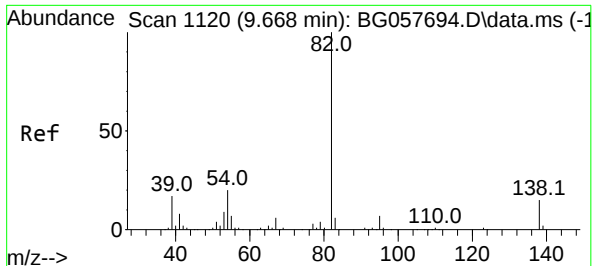


#24
Nitrobenzene
Concen: 46.329 ng
RT: 9.134 min Scan# 1029
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion: 77 Resp: 124177
Ion Ratio Lower Upper
77 100
123 39.0 31.2 46.8
65 14.1 11.6 17.4





#25
Isophorone
Concen: 38.663 ng
RT: 9.656 min Scan# 1118
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

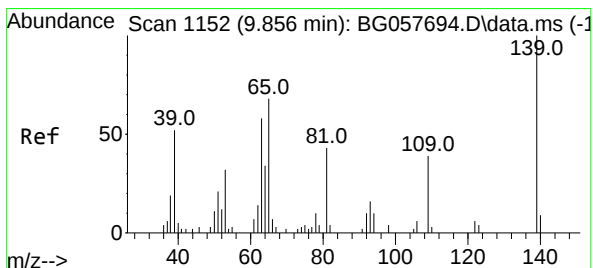
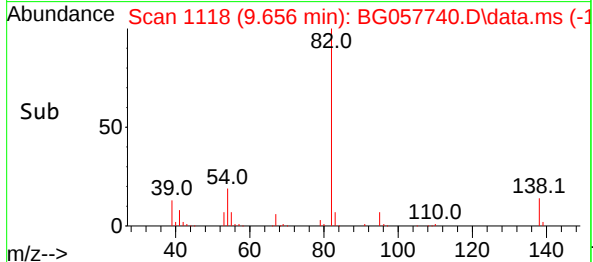
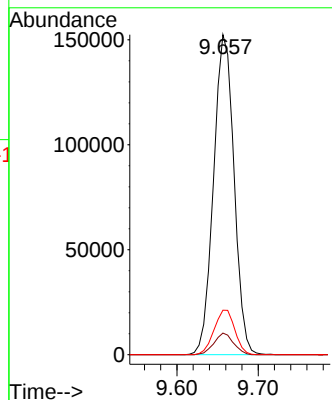
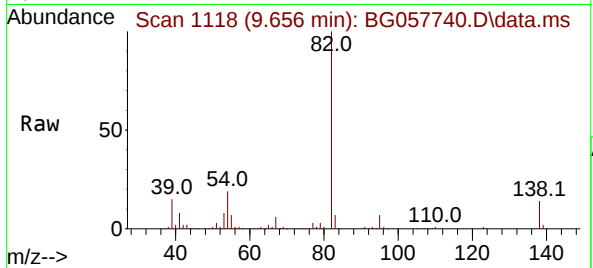
ClientSampleId :

PB153314BS

Tgt Ion: 82 Resp: 267579
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 13.9 11.8 17.6

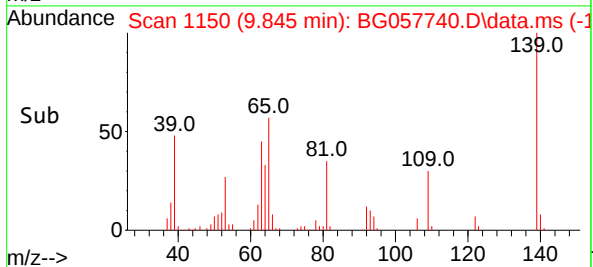
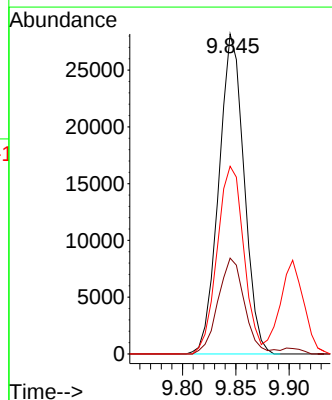
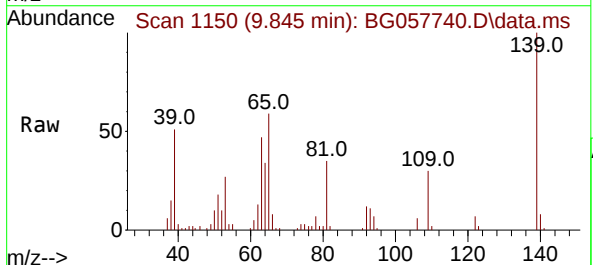
Manual Integrations
APPROVED

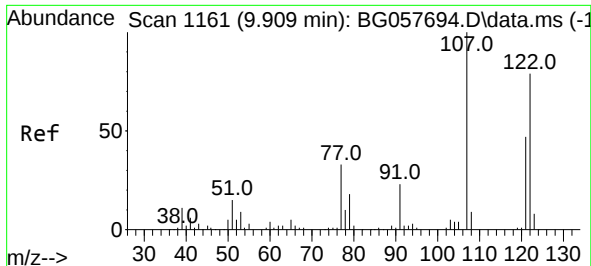
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#26
2-Nitrophenol
Concen: 61.039 ng
RT: 9.845 min Scan# 1150
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:139 Resp: 46413
Ion Ratio Lower Upper
139 100
109 29.9 30.9 46.3#
65 58.7 54.5 81.7





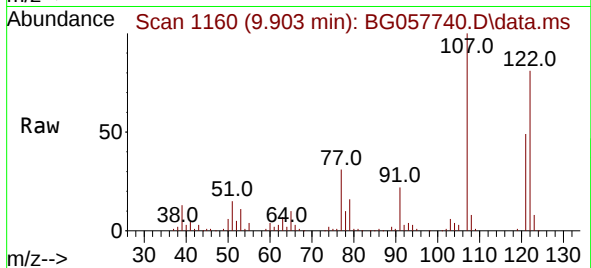
#27
2,4-Dimethylphenol
Concen: 47.394 ng
RT: 9.903 min Scan# 1160
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

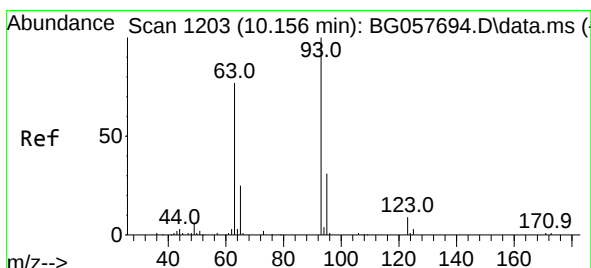
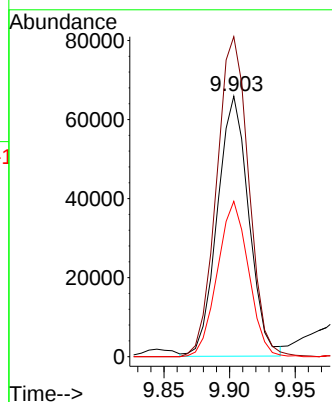
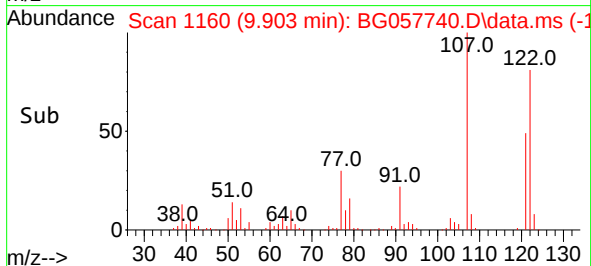


Tgt Ion:122 Resp: 109528
Ion Ratio Lower Upper
122 100
107 122.9 100.6 150.8
121 59.6 47.4 71.2

Manual Integrations

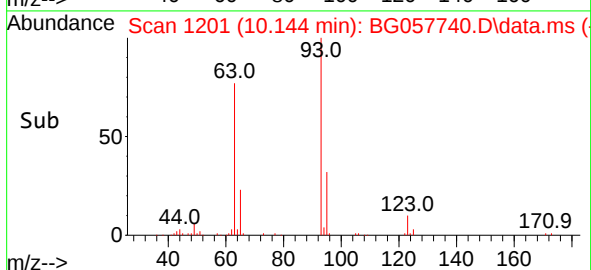
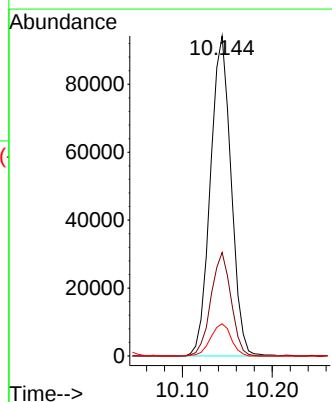
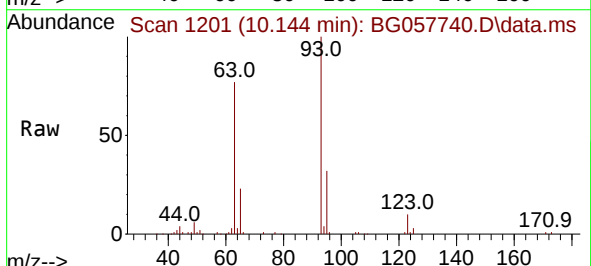
APPROVED

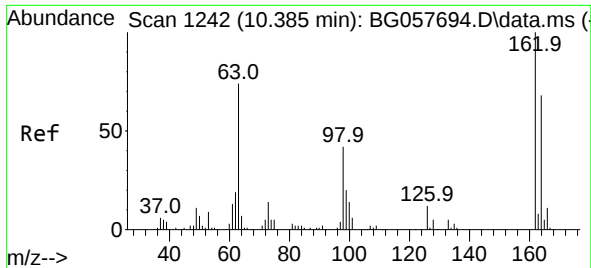
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.871 ng
RT: 10.144 min Scan# 1201
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion: 93 Resp: 150643
Ion Ratio Lower Upper
93 100
95 32.4 24.9 37.3
123 10.1 7.2 10.8





#29
2,4-Dichlorophenol
Concen: 54.843 ng
RT: 10.379 min Scan# 1241
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

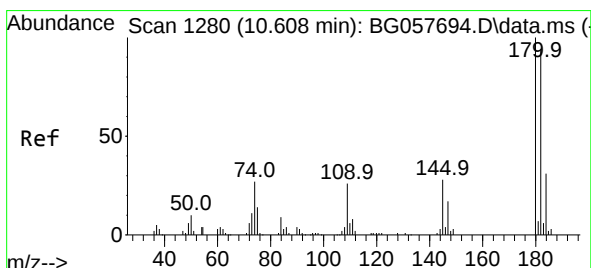
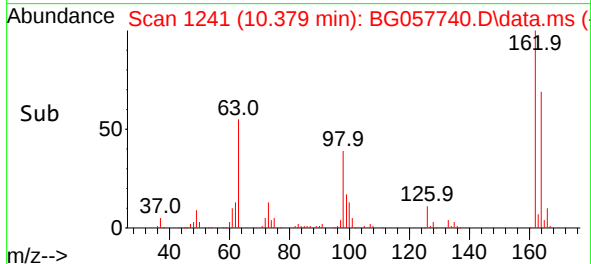
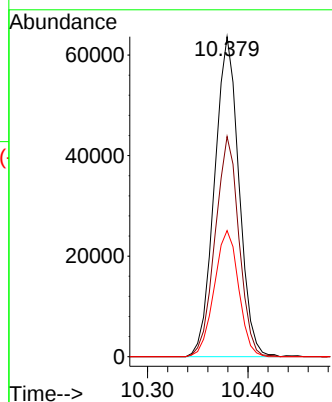
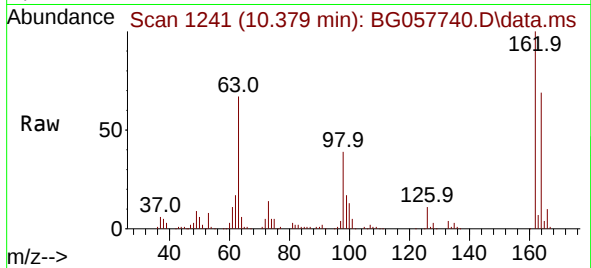
ClientSampleId :

PB153314BS

Tgt Ion:162 Resp: 10751
Ion Ratio Lower Upper
162 100
164 68.8 47.9 87.9
98 39.4 22.4 62.4

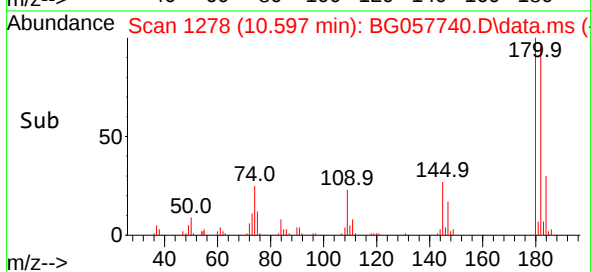
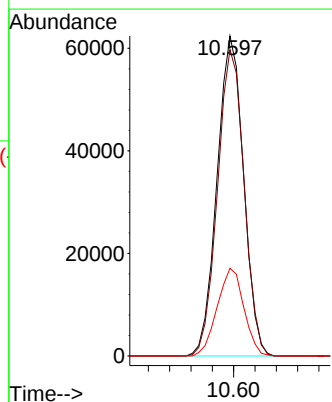
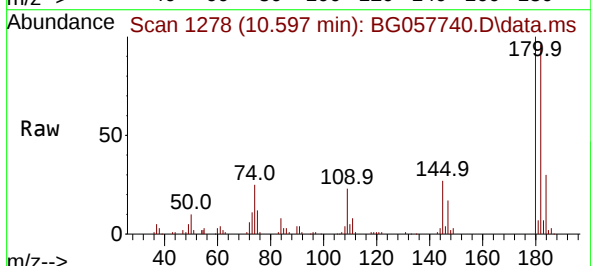
Manual Integrations
APPROVED

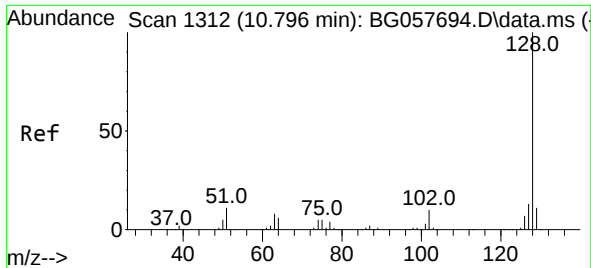
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.169 ng
RT: 10.597 min Scan# 1278
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:180 Resp: 107446
Ion Ratio Lower Upper
180 100
182 95.7 74.8 112.2
145 27.4 22.6 34.0





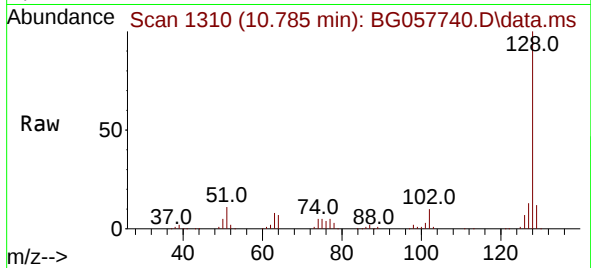
#31
Naphthalene
Concen: 40.109 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

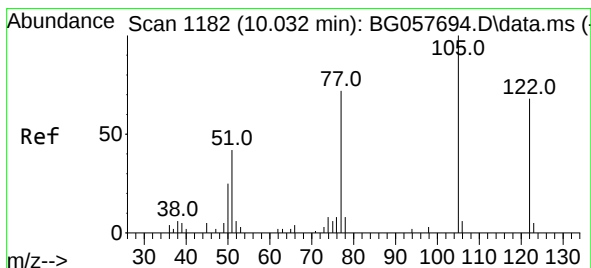
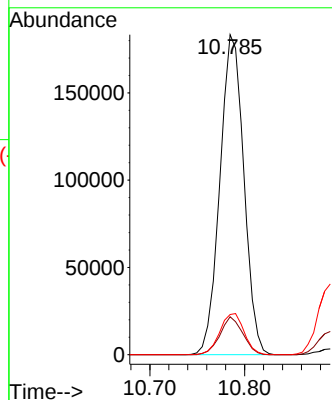
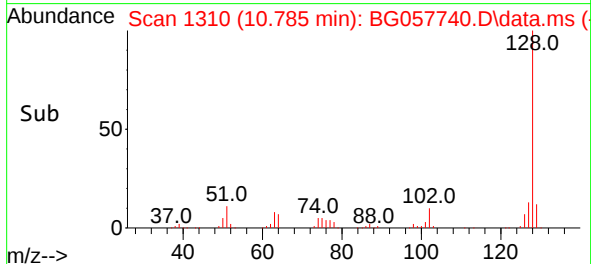


Tgt Ion:128 Resp: 32186
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 12.6 10.0 15.0

Manual Integrations

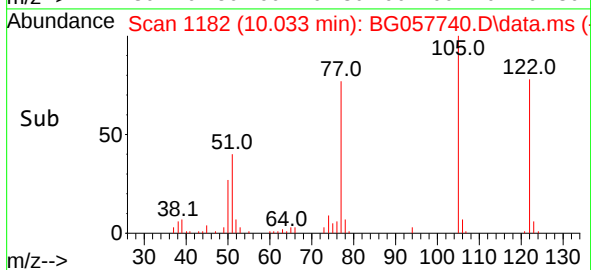
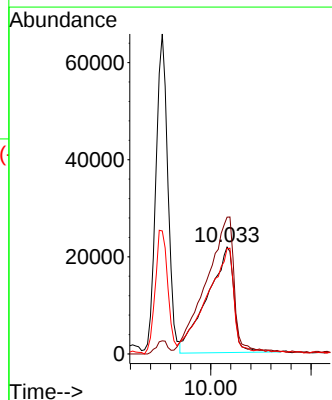
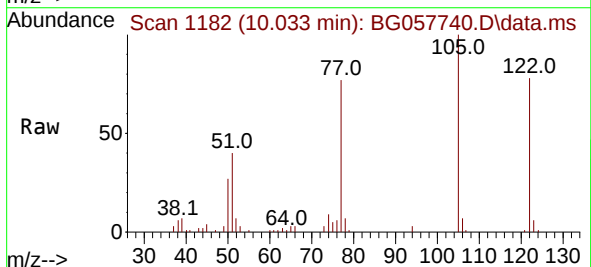
APPROVED

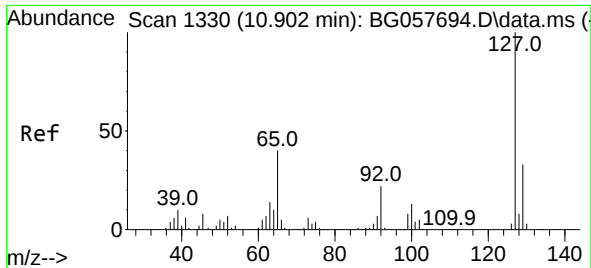
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#32
Benzoic acid
Concen: 88.796 ng
RT: 10.033 min Scan# 1182
Delta R.T. -0.001 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:122 Resp: 80191
Ion Ratio Lower Upper
122 100
105 127.9 113.8 153.8
77 98.7 81.0 121.0





#33
4-Chloroaniline
Concen: 19.577 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

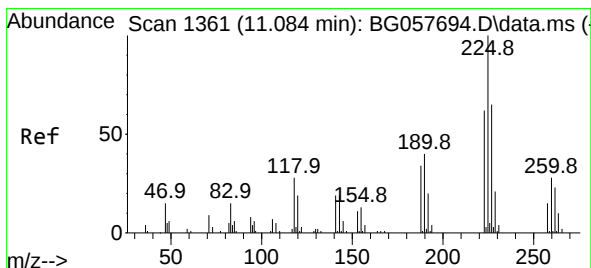
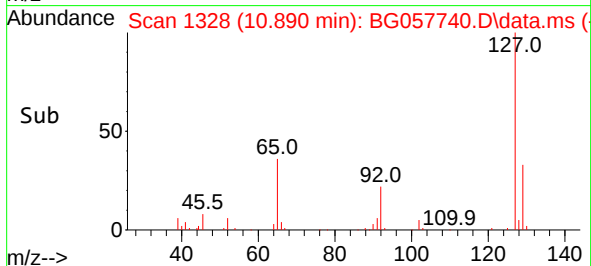
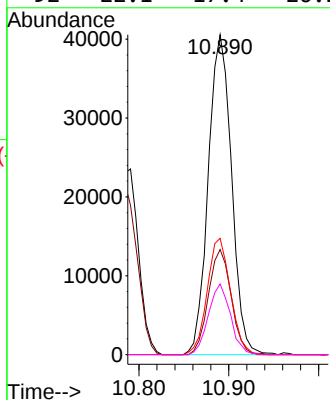
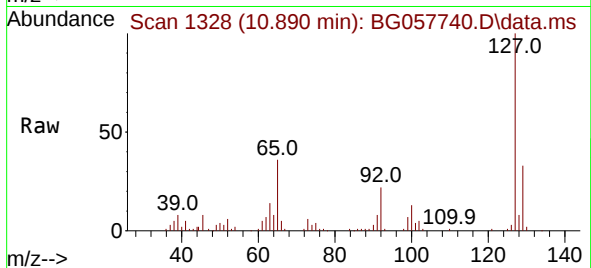
PB153314BS

Tgt Ion:127 Resp: 7314
Ion Ratio Lower Upper
127 100
129 32.9 26.6 39.8
65 36.4 31.7 47.5
92 22.1 17.4 26.2

Manual Integrations

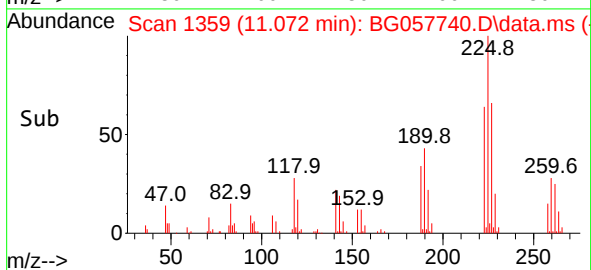
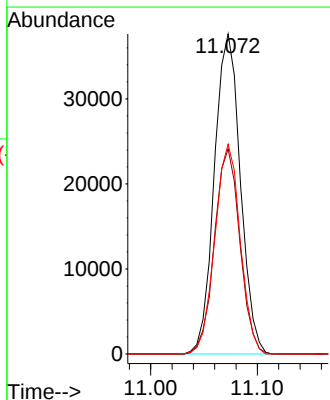
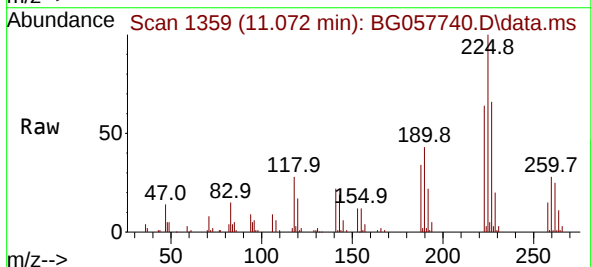
APPROVED

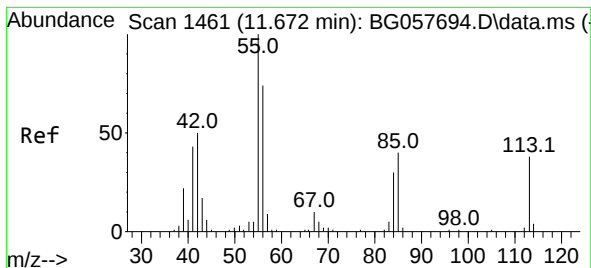
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 39.757 ng
RT: 11.072 min Scan# 1359
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:225 Resp: 63703
Ion Ratio Lower Upper
225 100
223 64.1 52.0 78.0
227 65.6 51.8 77.8





#35

Caprolactam

Concen: 51.280 ng m

RT: 11.666 min Scan# 1461

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Tgt Ion:113 Resp: 41470

Ion Ratio Lower Upper

113 100

55 274.9 239.9 279.9

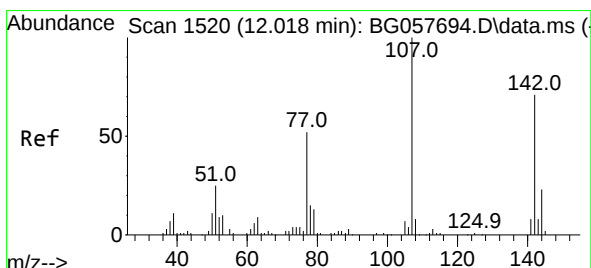
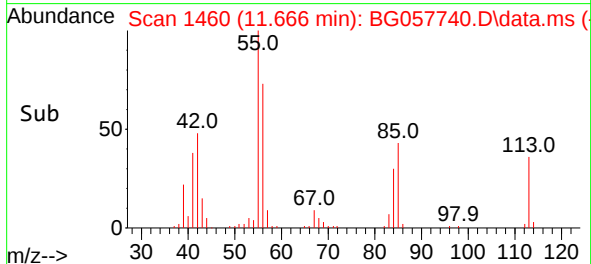
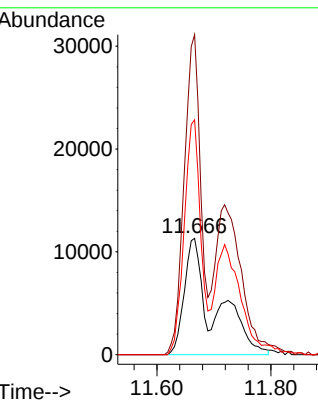
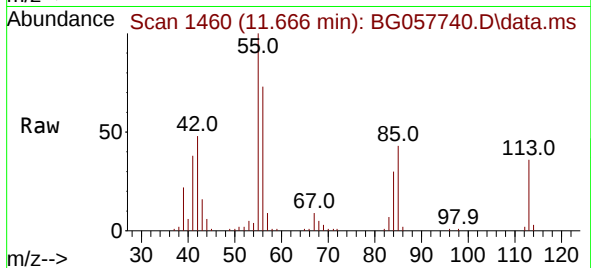
56 201.8 171.9 211.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#36

4-Chloro-3-methylphenol

Concen: 48.979 ng

RT: 12.013 min Scan# 1519

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

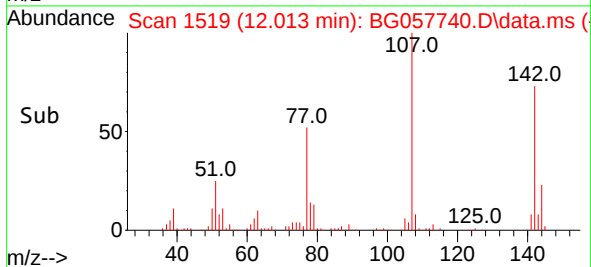
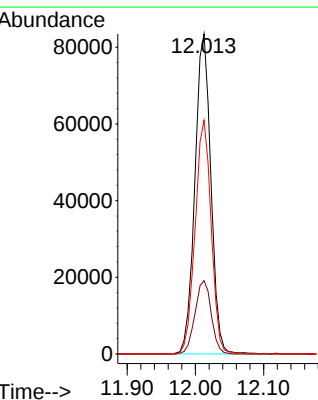
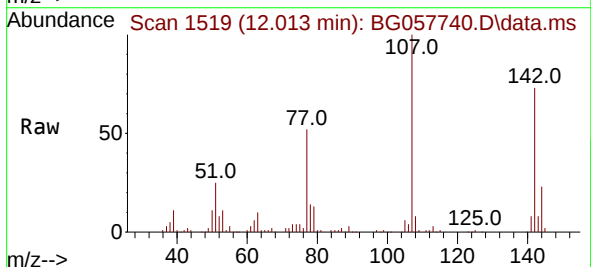
Tgt Ion:107 Resp: 136027

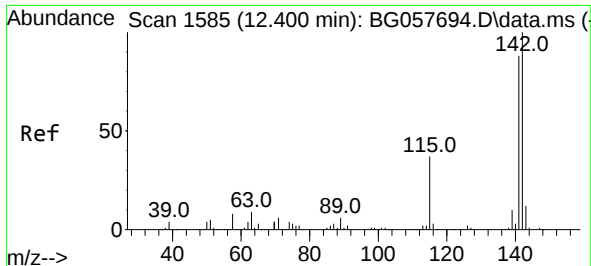
Ion Ratio Lower Upper

107 100

144 22.9 18.7 28.1

142 73.0 56.7 85.1





#37

2-Methylnaphthalene

Concen: 39.151 ng

RT: 12.394 min Scan# 1584

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Tgt Ion:142 Resp: 232439

Ion Ratio Lower Upper

142 100

141 91.4 70.6 105.8

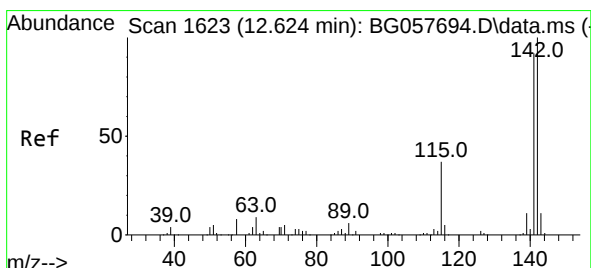
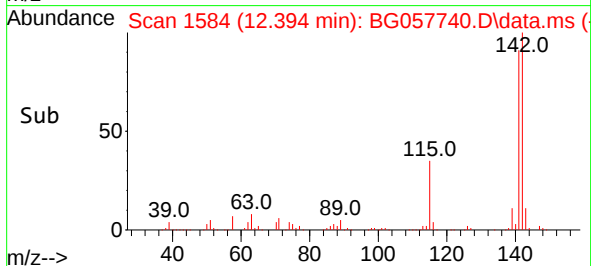
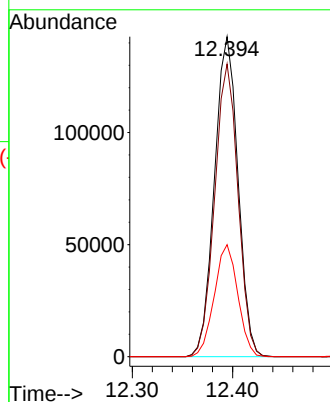
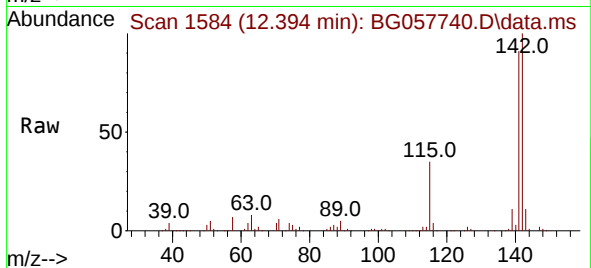
115 35.0 29.4 44.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#38

1-Methylnaphthalene

Concen: 39.486 ng

RT: 12.612 min Scan# 1621

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

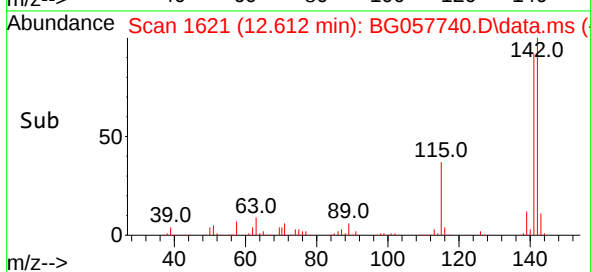
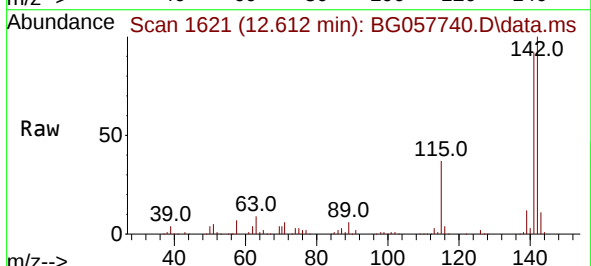
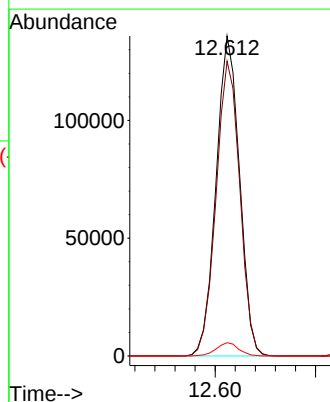
Tgt Ion:142 Resp: 219924

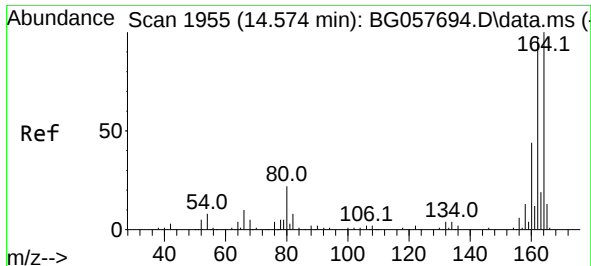
Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.0

116 4.2 3.6 5.4





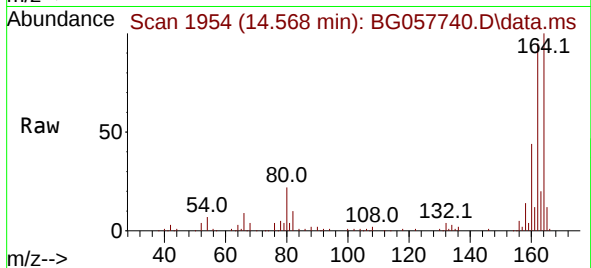
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

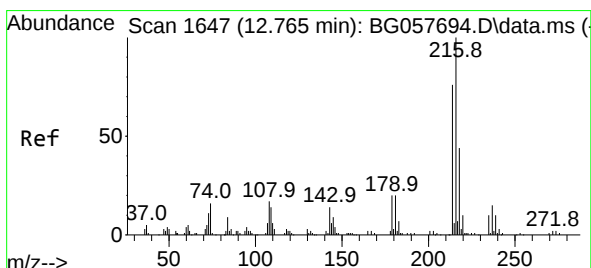
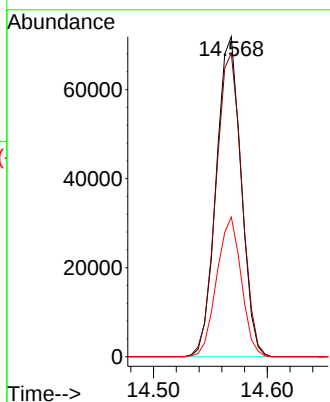
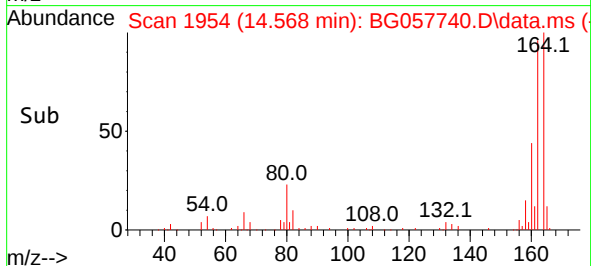


Tgt Ion:164 Resp: 109197
Ion Ratio Lower Upper
164 100
162 94.8 77.7 116.5
160 43.6 35.1 52.7

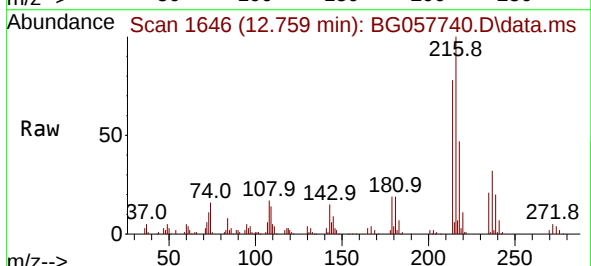
Manual Integrations

APPROVED

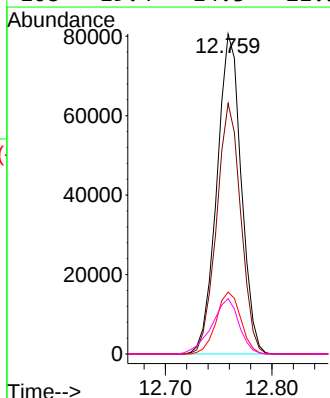
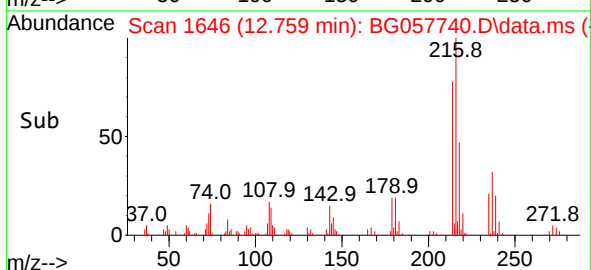
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

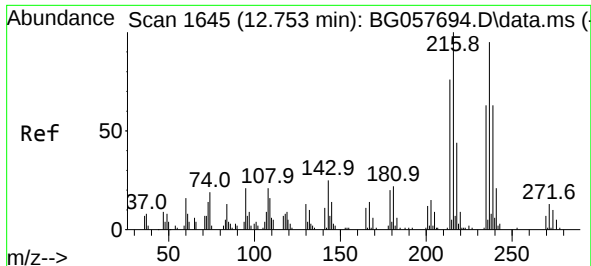


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.274 ng
RT: 12.759 min Scan# 1646
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



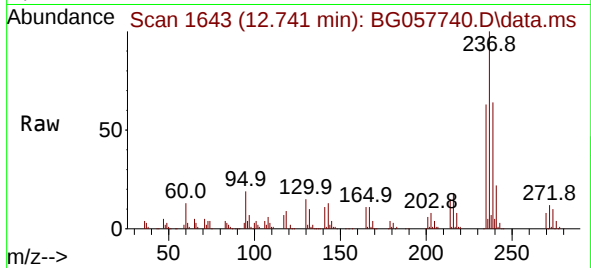
Tgt Ion:216 Resp: 127582
Ion Ratio Lower Upper
216 100
214 77.9 63.7 95.5
179 19.5 16.7 25.1
108 19.4 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 135.781 ng
RT: 12.741 min Scan# 1643
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

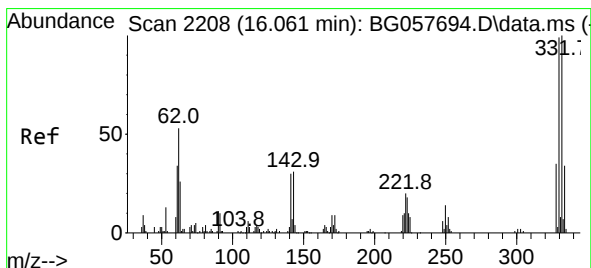
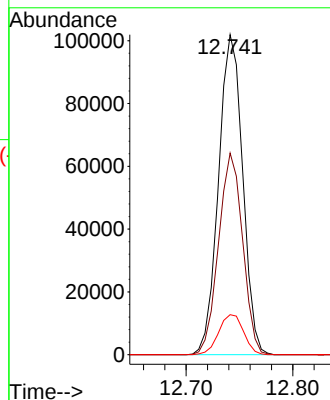
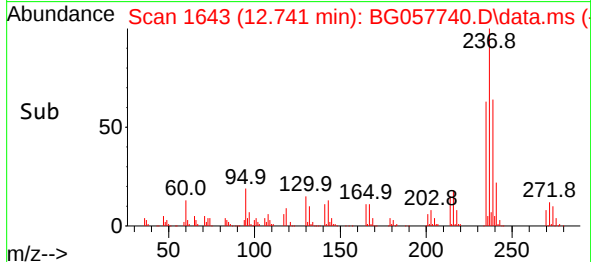
Instrument :
BNA_G
ClientSampleId :
PB153314BS



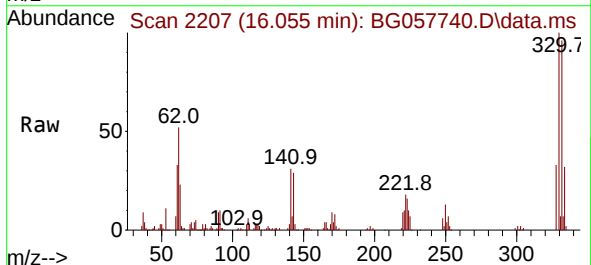
Tgt Ion:237 Resp: 16008
Ion Ratio Lower Upper
237 100
235 63.0 46.7 86.7
272 12.5 0.0 33.8

Manual Integrations
APPROVED

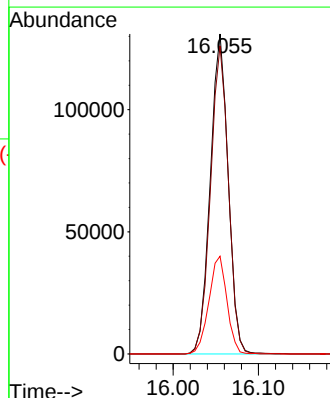
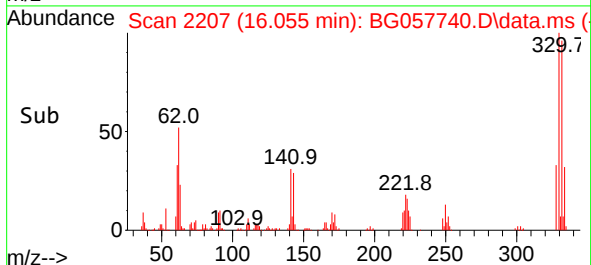
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

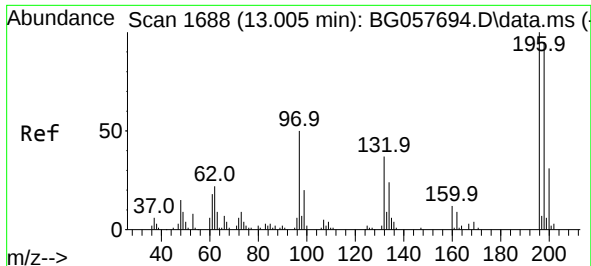


#42
2,4,6-Tribromophenol
Concen: 156.580 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:330 Resp: 190756
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.6
141 30.8 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 48.247 ng

RT: 12.994 min Scan# 1

Delta R.T. -0.013 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Tgt Ion:196 Resp: 96558

Ion Ratio Lower Upper

196 100

198 93.4 75.8 113.6

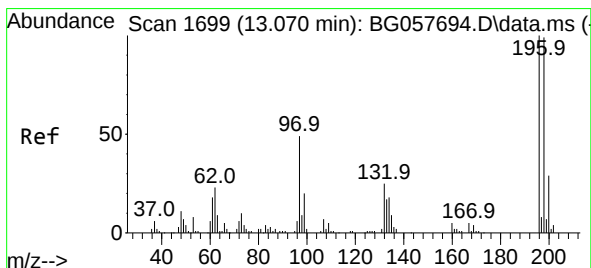
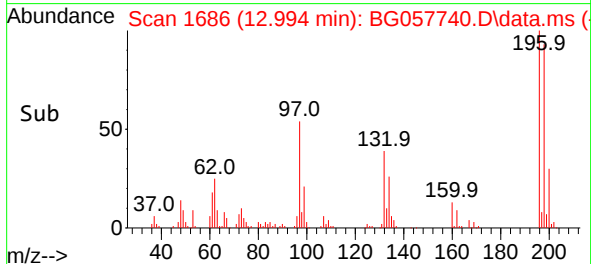
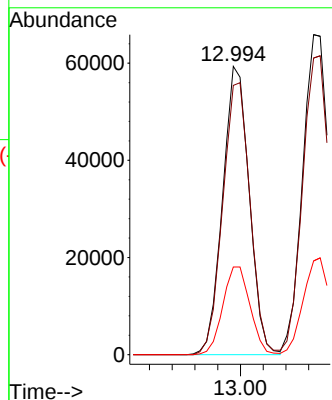
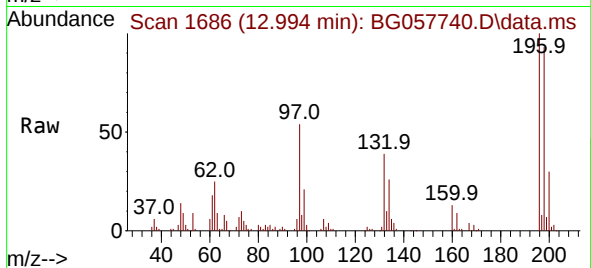
200 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#44

2,4,5-Trichlorophenol

Concen: 46.301 ng

RT: 13.064 min Scan# 1698

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Tgt Ion:196 Resp: 109239

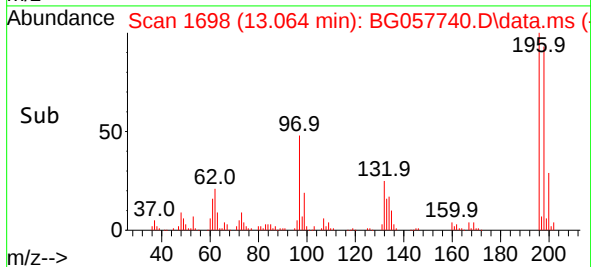
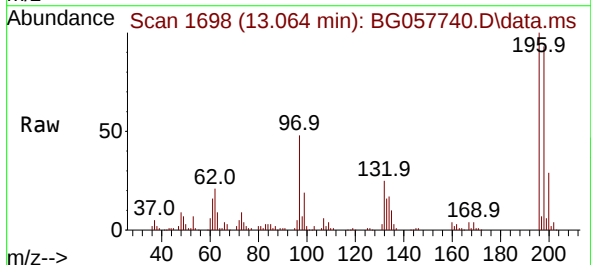
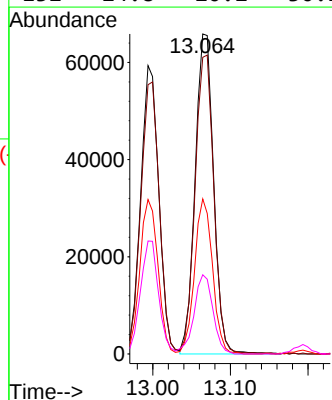
Ion Ratio Lower Upper

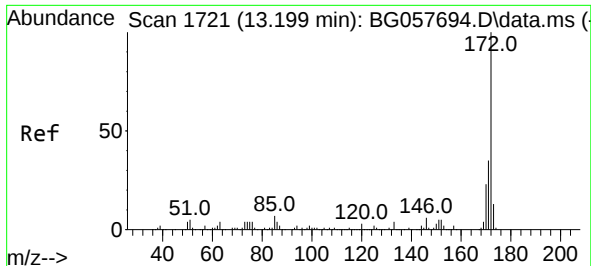
196 100

198 92.7 79.2 118.8

97 48.5 39.9 59.9

132 24.8 20.2 30.2





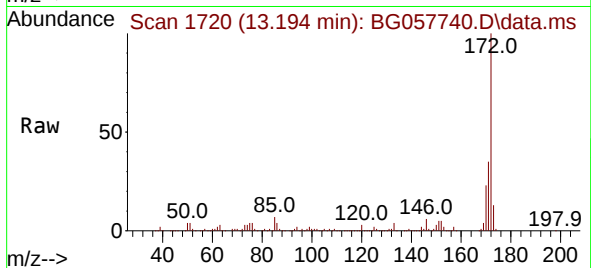
#45
2-Fluorobiphenyl
Concen: 79.470 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

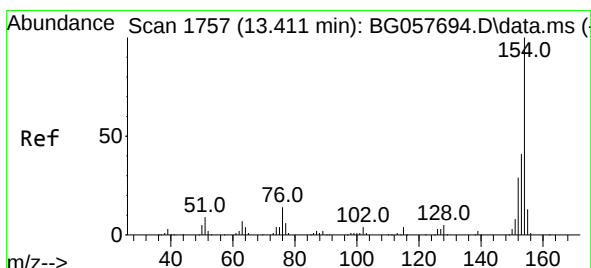
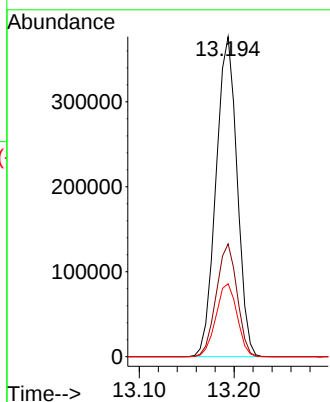
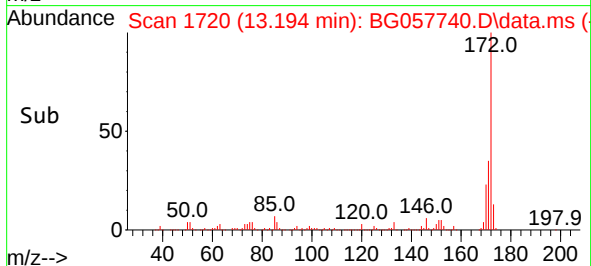


Tgt Ion:172 Resp: 582170
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.8 18.2 27.4

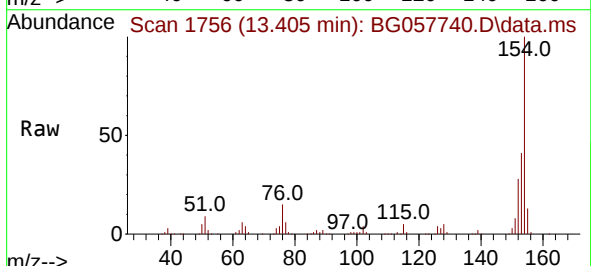
Manual Integrations

APPROVED

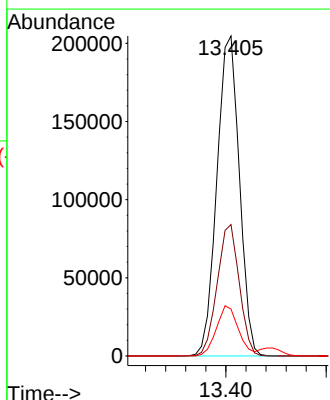
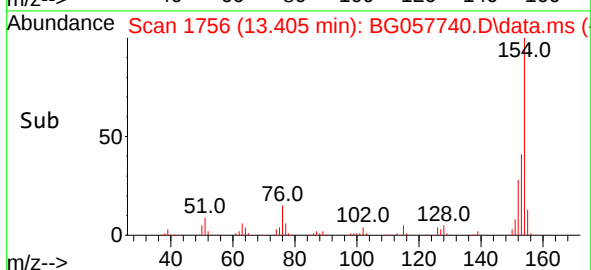
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

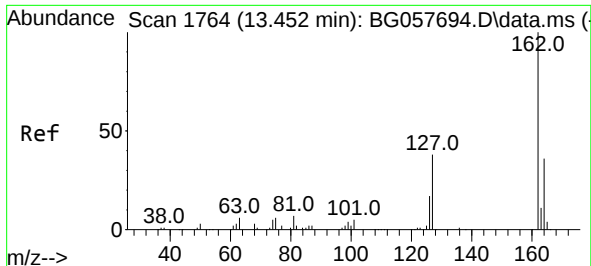


#46
1,1'-Biphenyl
Concen: 42.102 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:154 Resp: 317647
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.6 0.0 33.9





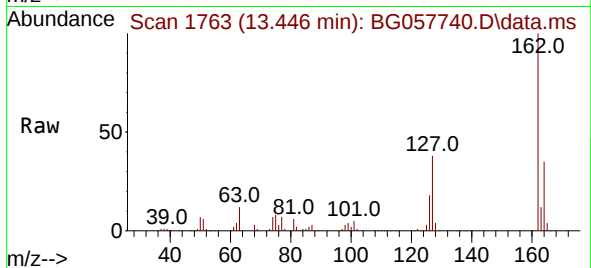
#47
2-Chloronaphthalene
Concen: 43.004 ng
RT: 13.446 min Scan# 1763
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

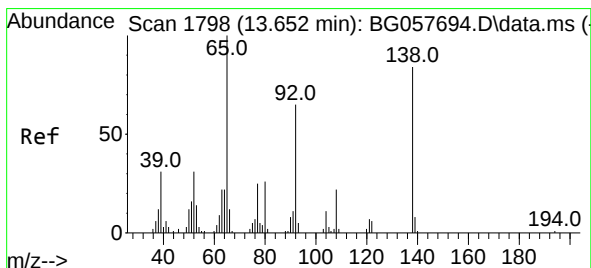
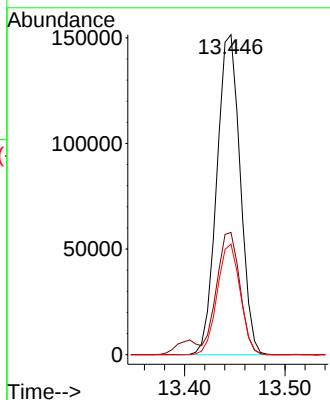
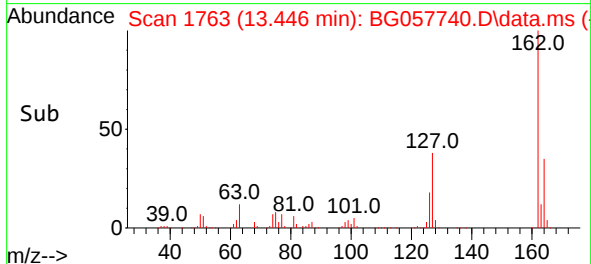
PB153314BS



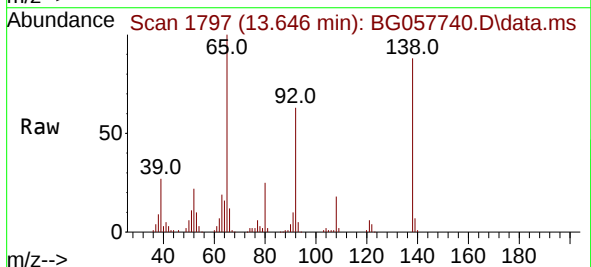
Tgt Ion:162 Resp: 245227
Ion Ratio Lower Upper
162 100
127 38.2 32.6 49.0
164 34.6 29.0 43.4

Manual Integrations
APPROVED

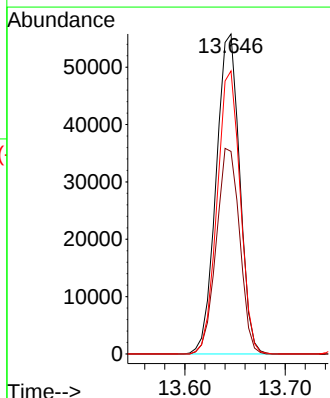
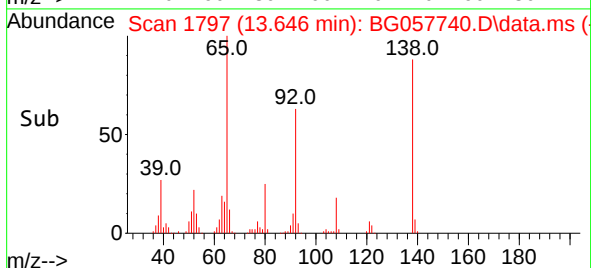
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

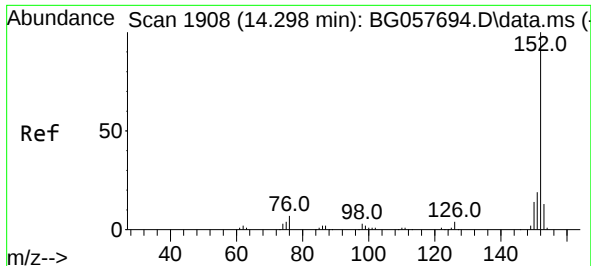


#48
2-Nitroaniline
Concen: 55.637 ng
RT: 13.646 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion: 65 Resp: 90845
Ion Ratio Lower Upper
65 100
92 63.3 52.2 78.4
138 88.5 67.0 100.4





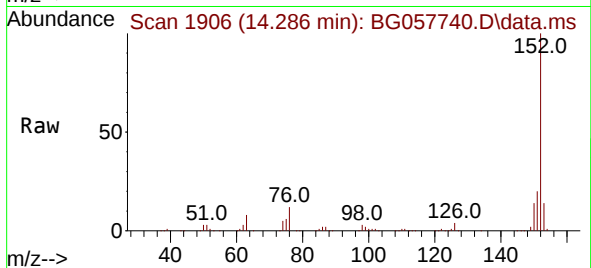
#49
Acenaphthylene
Concen: 41.304 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

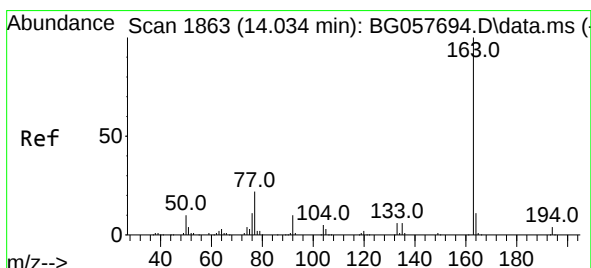
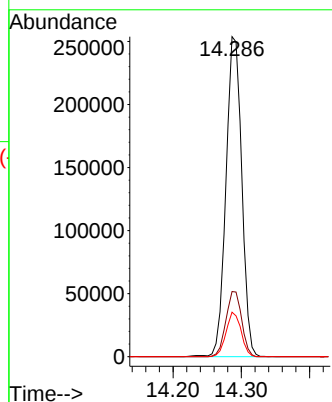
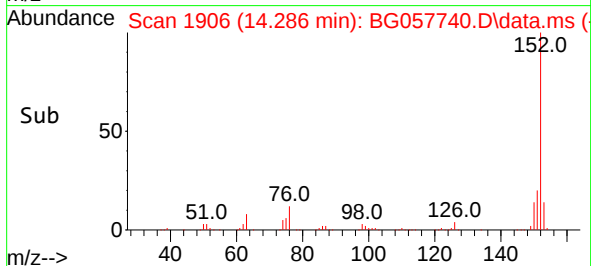


Tgt Ion:152 Resp: 40846
Ion Ratio Lower Upper
152 100
151 20.3 15.4 23.0
153 13.9 10.5 15.7

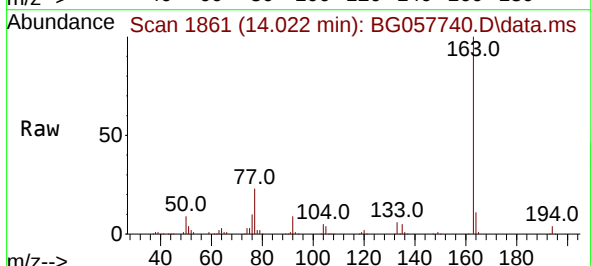
Manual Integrations

APPROVED

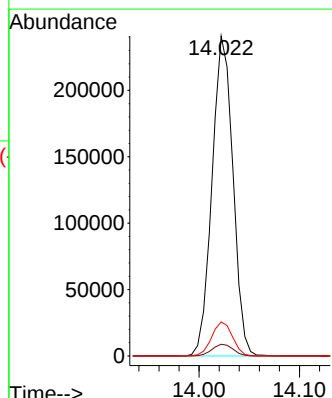
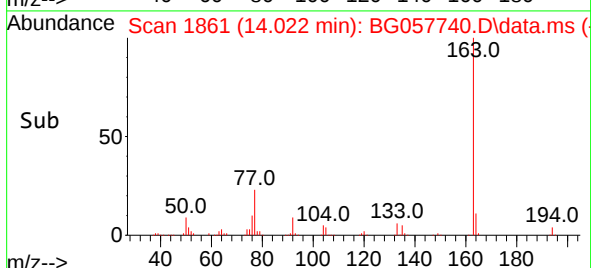
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

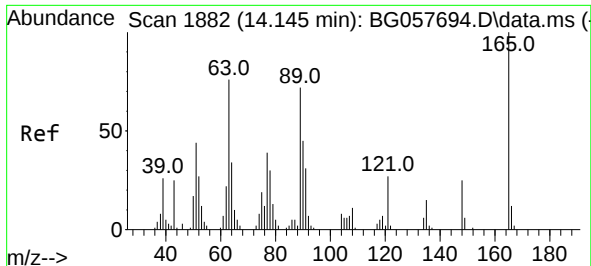


#50
Dimethylphthalate
Concen: 43.439 ng
RT: 14.022 min Scan# 1861
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:163 Resp: 347799
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 55.596 ng
RT: 14.139 min Scan# 1881
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

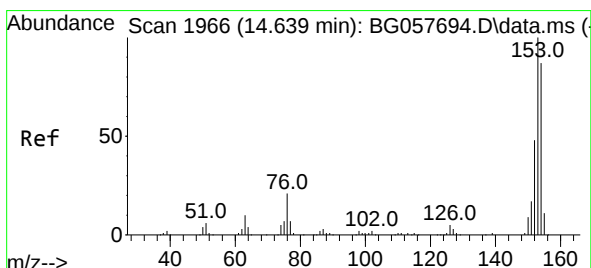
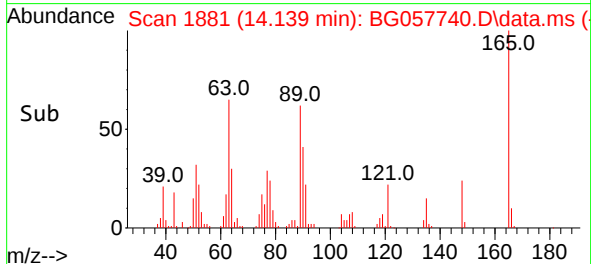
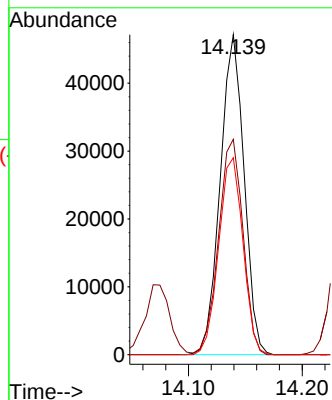
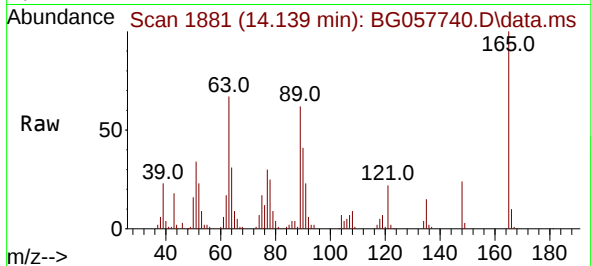
PB153314BS

Tgt Ion:165 Resp: 68710
Ion Ratio Lower Upper
165 100
63 67.3 62.3 93.5
89 61.6 57.4 86.0

Manual Integrations

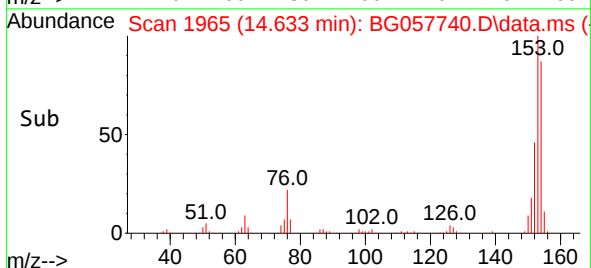
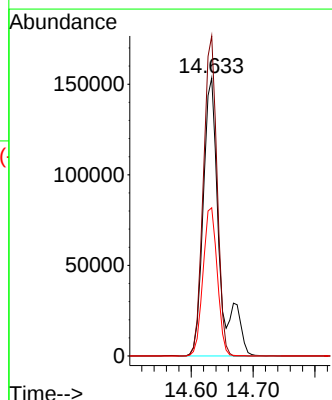
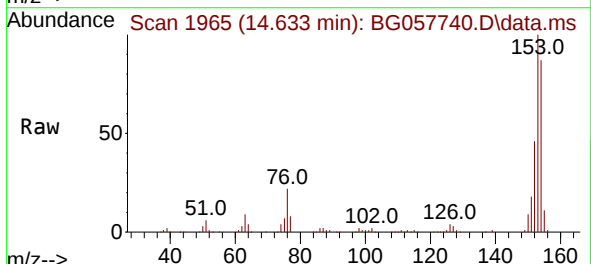
APPROVED

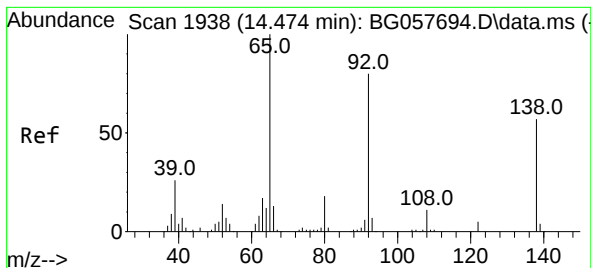
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#52
Acenaphthene
Concen: 47.082 ng m
RT: 14.633 min Scan# 1965
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:154 Resp: 279092
Ion Ratio Lower Upper
154 100
153 115.1 91.4 137.2
152 53.3 43.5 65.3





#53
3-Nitroaniline
Concen: 38.401 ng
RT: 14.469 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

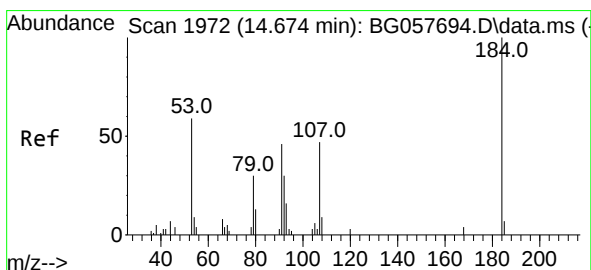
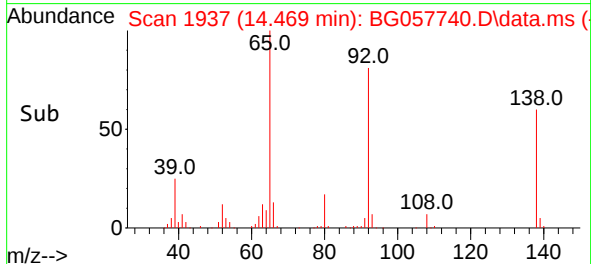
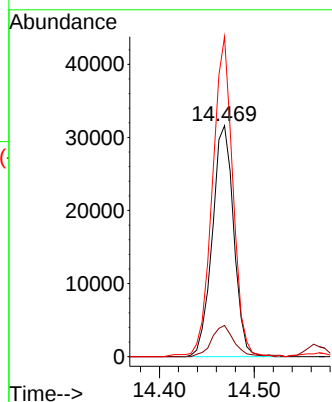
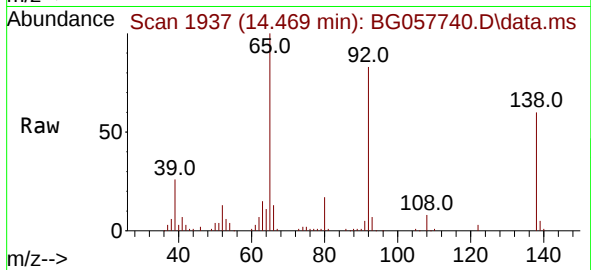
PB153314BS

Tgt Ion:138 Resp: 49410
Ion Ratio Lower Upper
138 100
108 13.5 15.8 23.8
92 138.5 112.2 168.2

Manual Integrations

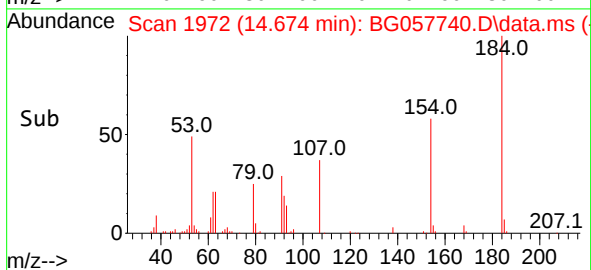
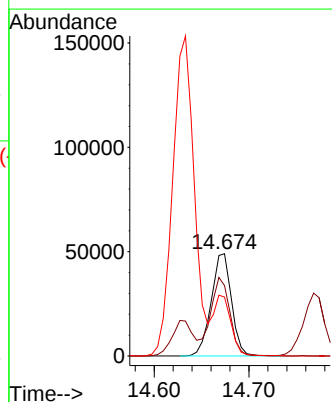
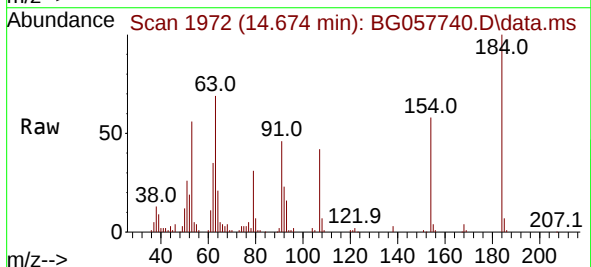
APPROVED

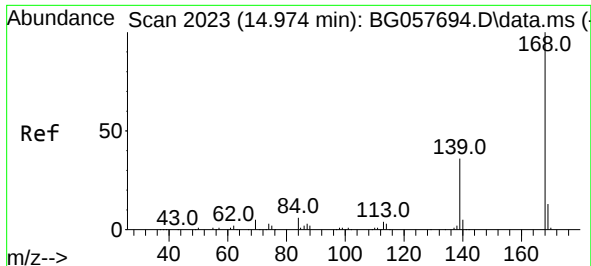
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#54
2,4-Dinitrophenol
Concen: 116.878 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:184 Resp: 72859
Ion Ratio Lower Upper
184 100
63 68.9 59.0 88.6
154 57.7 47.5 71.3





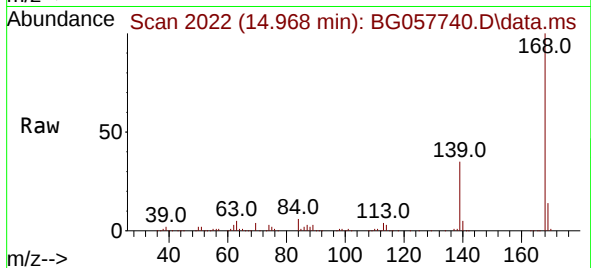
#55
Dibenzenofuran
Concen: 40.884 ng
RT: 14.968 min Scan# 2023
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

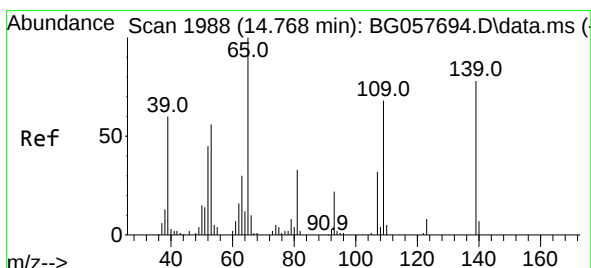
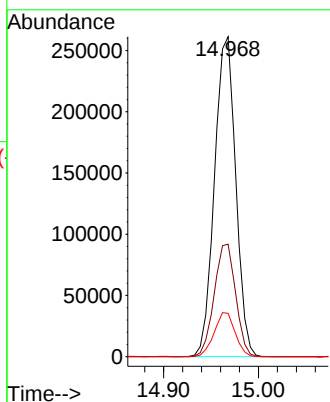
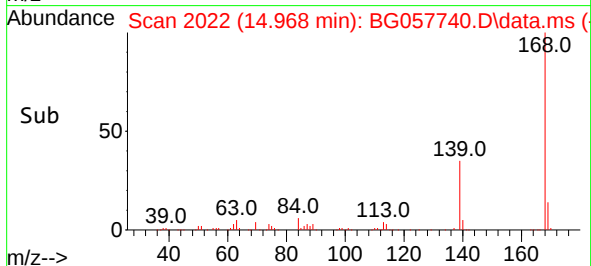


Tgt Ion:168 Resp: 406800
Ion Ratio Lower Upper
168 100
139 35.1 28.7 43.1
169 13.6 10.4 15.6

Manual Integrations

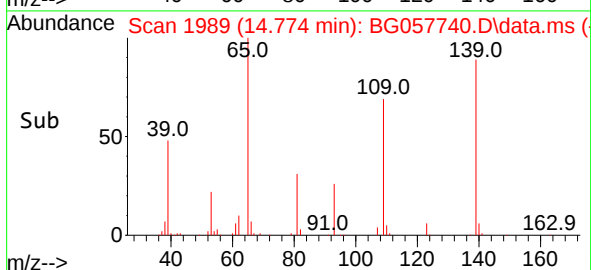
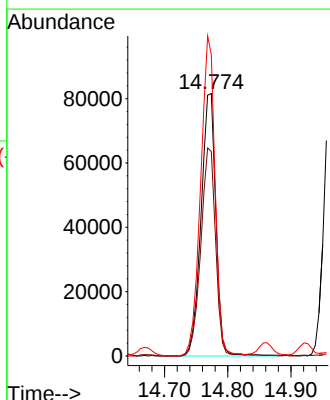
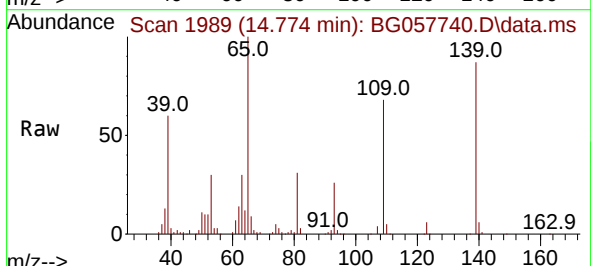
APPROVED

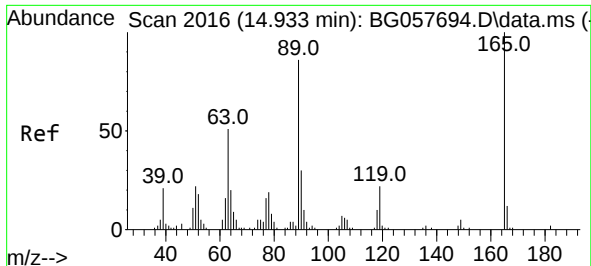
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 98.589 ng
RT: 14.774 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:139 Resp: 132597
Ion Ratio Lower Upper
139 100
109 77.9 67.3 107.3
65 114.8 108.3 148.3





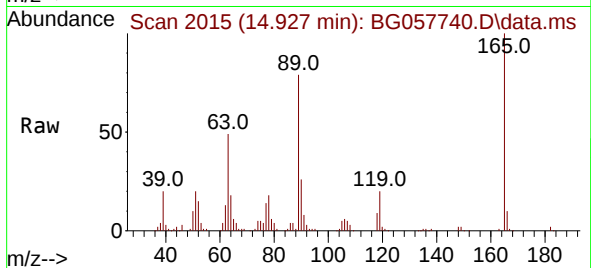
#57
2,4-Dinitrotoluene
Concen: 59.163 ng
RT: 14.927 min Scan# 2015
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

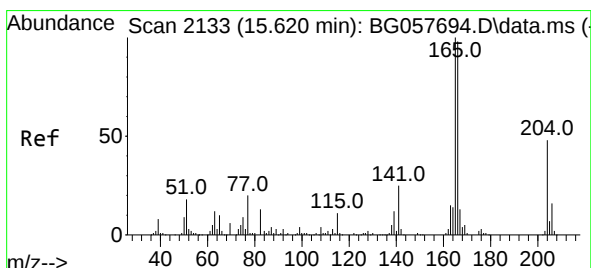
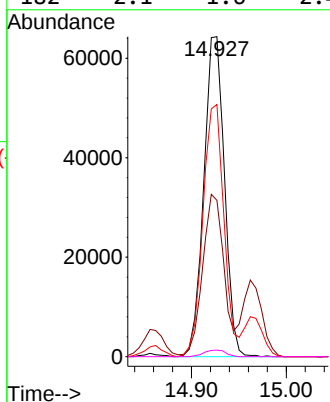
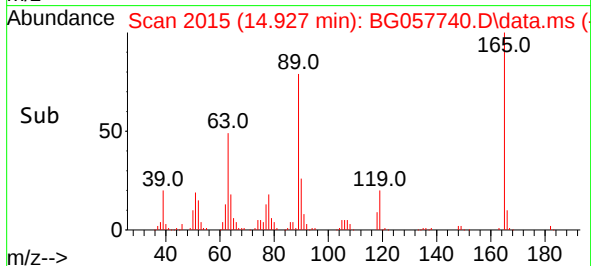


Tgt Ion:165 Resp: 9728
Ion Ratio Lower Upper
165 100
63 48.9 40.8 61.2
89 78.8 68.5 102.7
182 2.1 1.6 2.4

Manual Integrations

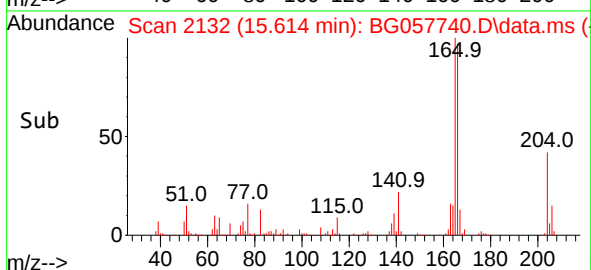
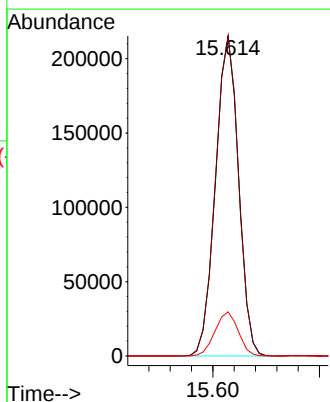
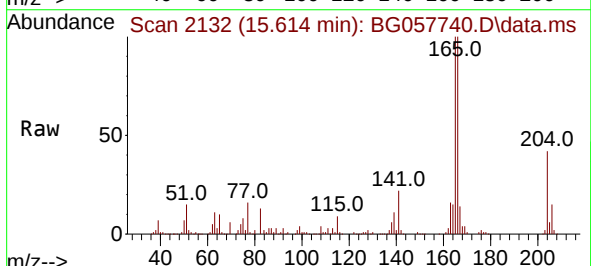
APPROVED

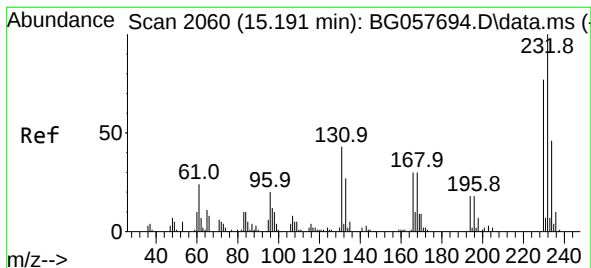
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#58
Fluorene
Concen: 40.588 ng
RT: 15.614 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:166 Resp: 321710
Ion Ratio Lower Upper
166 100
165 100.1 81.6 122.4
167 13.8 10.5 15.7





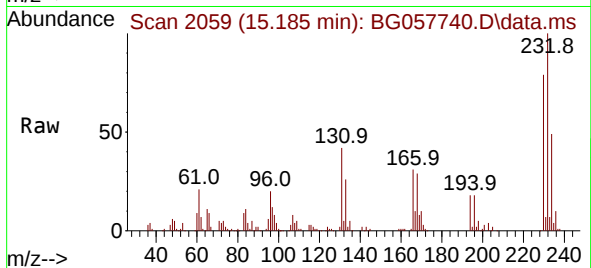
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.373 ng
RT: 15.185 min Scan# 2059
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS



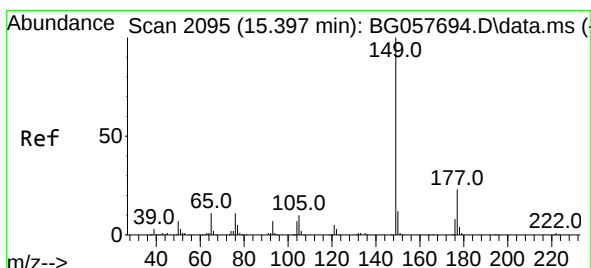
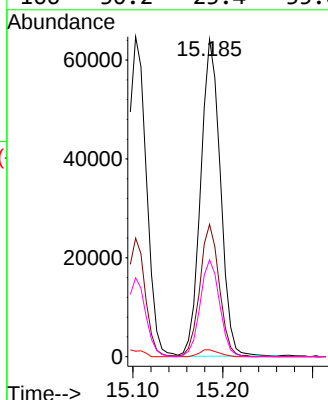
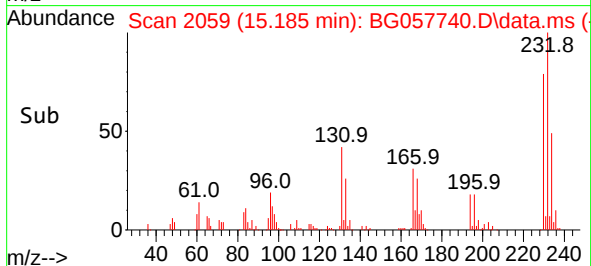
Tgt Ion:232 Resp: 97509
Ion Ratio Lower Upper
232 100
131 41.3 32.6 49.0
130 2.2 1.6 2.4
166 30.2 23.4 35.0

Manual Integrations

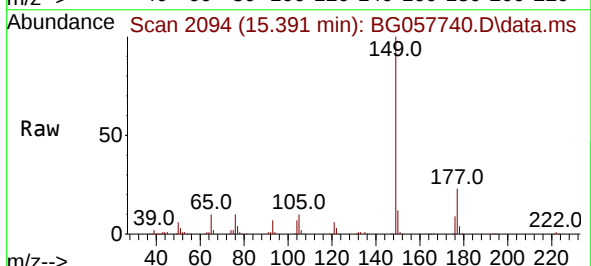
APPROVED

Reviewed By :Yogesh Patel 06/19/2023

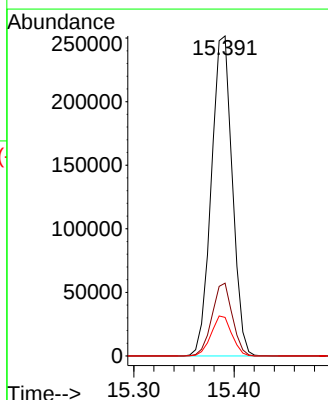
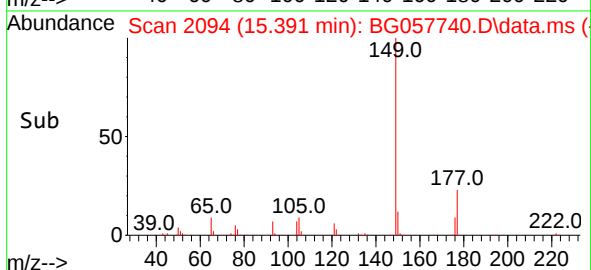
Supervised By :mohammad ahmed 06/20/2023

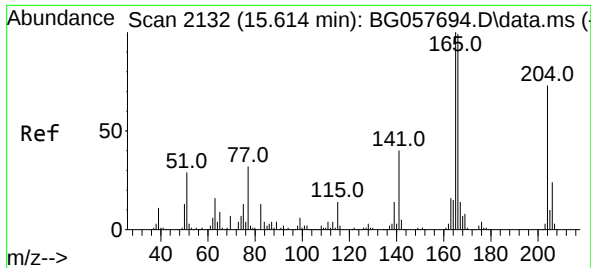


#60
Diethylphthalate
Concen: 44.066 ng
RT: 15.391 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:149 Resp: 364202
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.1 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 40.806 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

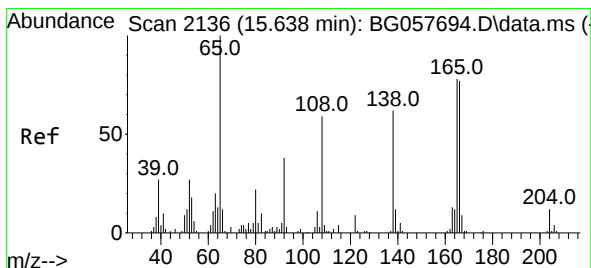
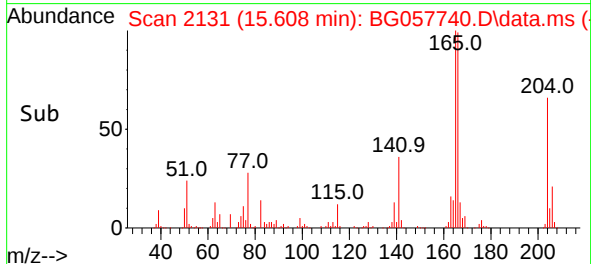
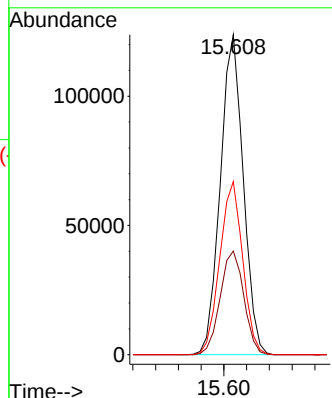
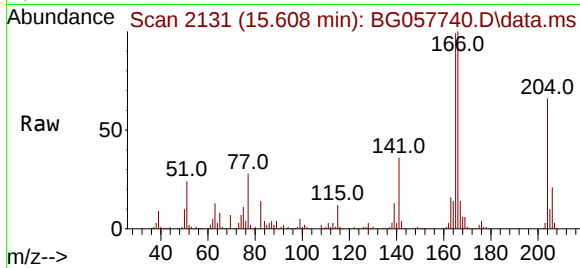
PB153314BS

Tgt Ion:204 Resp: 173280
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 54.1 43.8 65.6

Manual Integrations

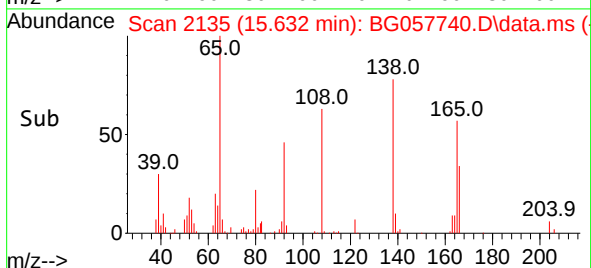
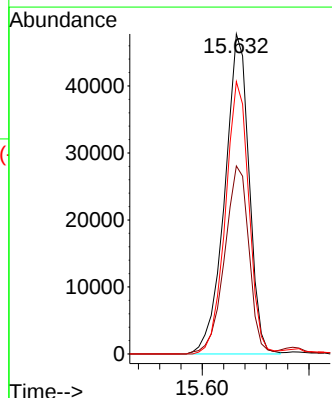
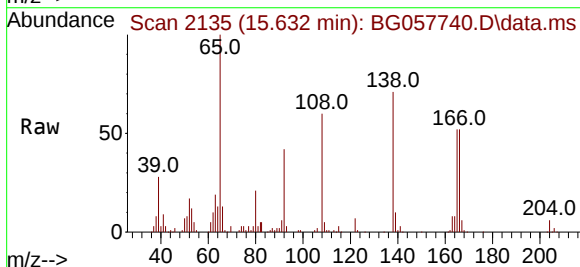
APPROVED

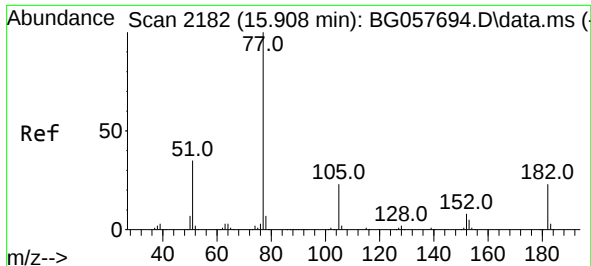
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 49.552 ng
RT: 15.632 min Scan# 2135
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:138 Resp: 75529
Ion Ratio Lower Upper
138 100
92 58.7 41.6 81.6
108 85.1 74.8 114.8





#63
Azobenzene
Concen: 40.759 ng
RT: 15.902 min Scan# 2181
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

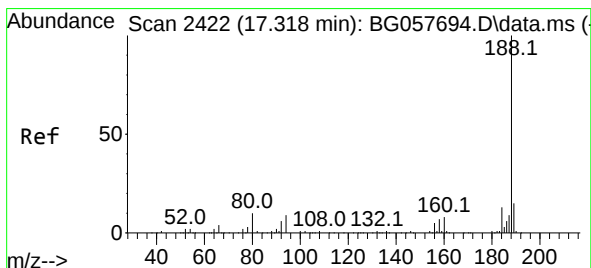
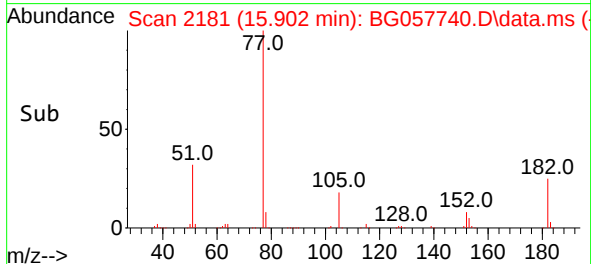
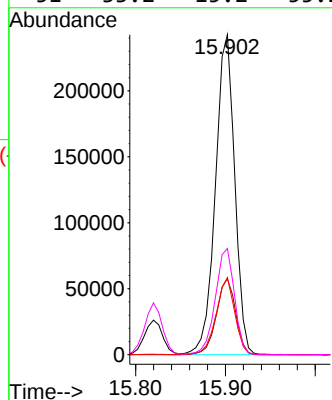
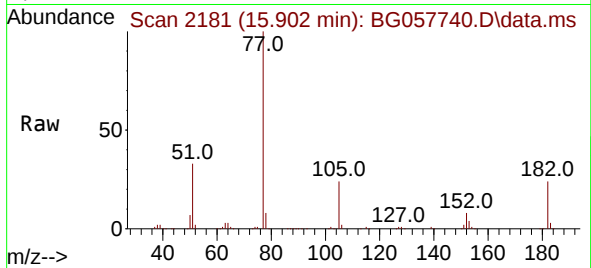
PB153314BS

Tgt Ion: 77 Resp: 36221
Ion Ratio Lower Upper
77 100
182 23.7 3.2 43.2
105 24.1 3.3 43.3
51 33.2 15.2 55.2

Manual Integrations

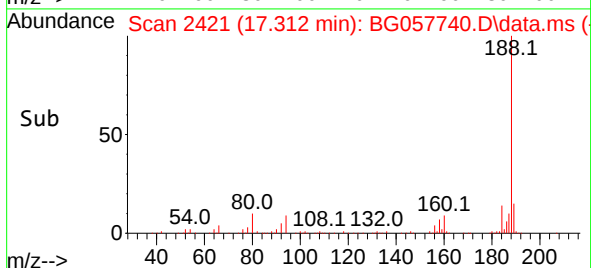
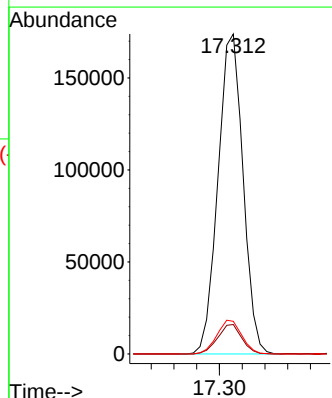
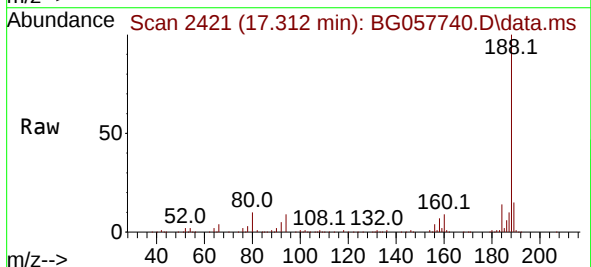
APPROVED

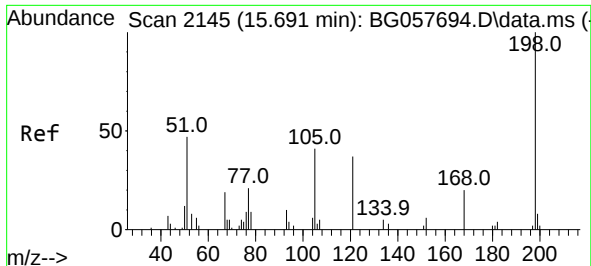
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:188 Resp: 265995
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.2 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 69.846 ng
RT: 15.685 min Scan# 2144
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

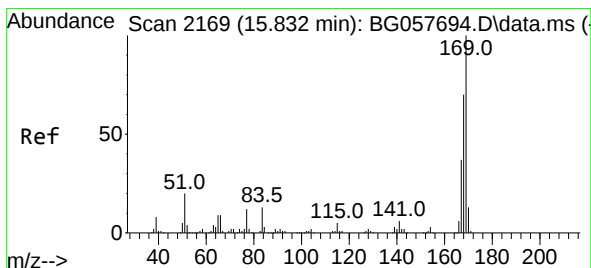
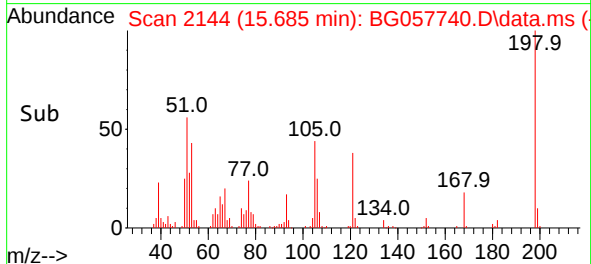
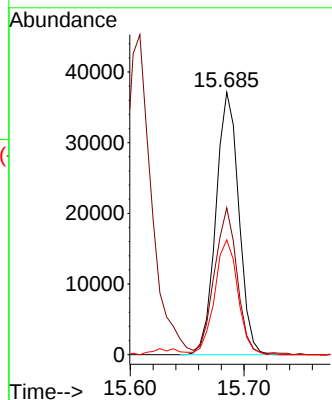
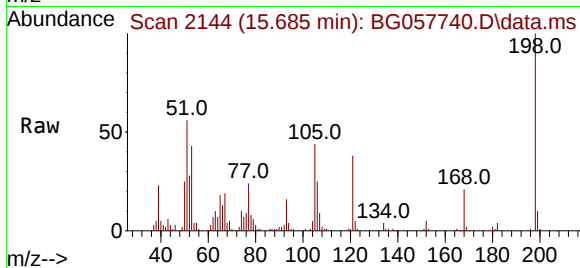
ClientSampleId :

PB153314BS

Tgt Ion:198 Resp: 5196
Ion Ratio Lower Upper
198 100
51 56.0 42.0 82.0
105 43.8 30.9 70.9

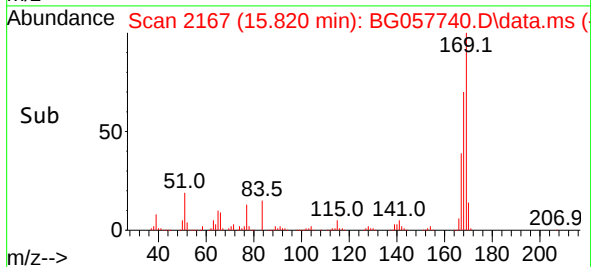
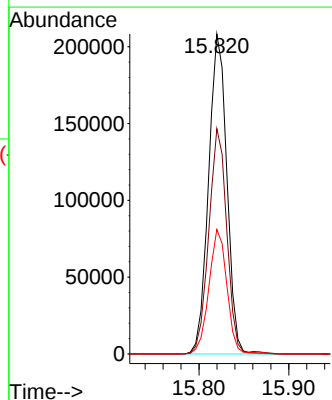
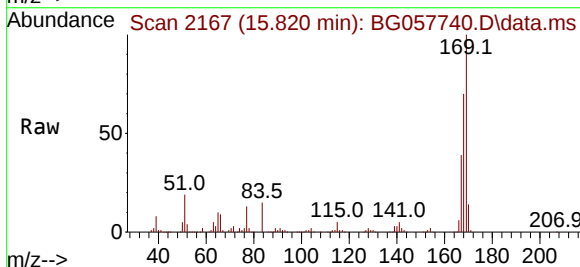
Manual Integrations
APPROVED

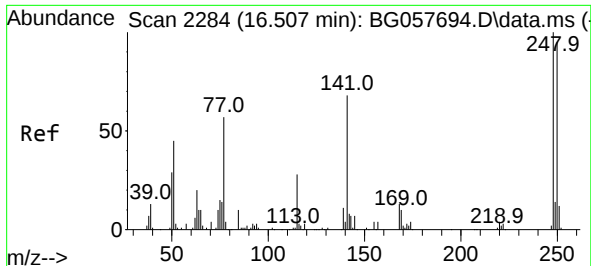
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 42.176 ng
RT: 15.820 min Scan# 2167
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:169 Resp: 293267
Ion Ratio Lower Upper
169 100
168 70.4 55.8 83.6
167 38.9 30.1 45.1





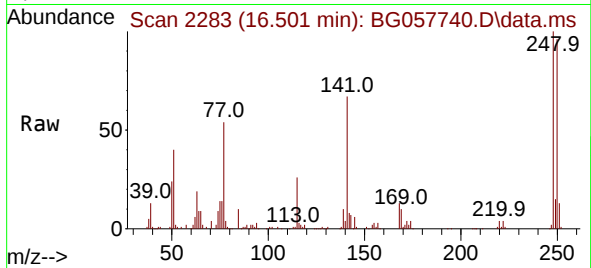
#67
4-Bromophenyl-phenylether
Concen: 42.932 ng
RT: 16.501 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

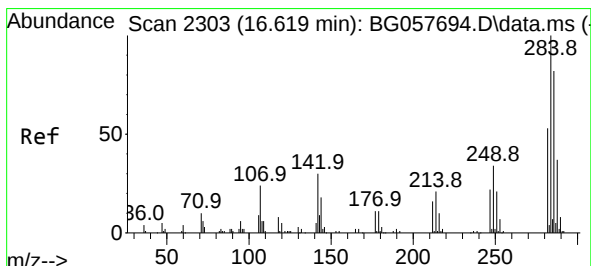
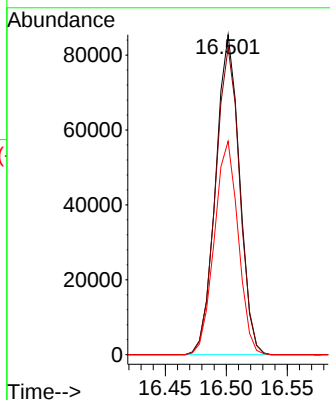
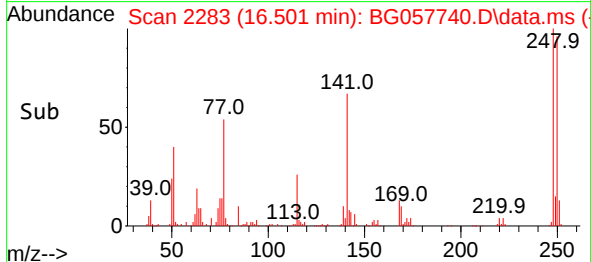
PB153314BS



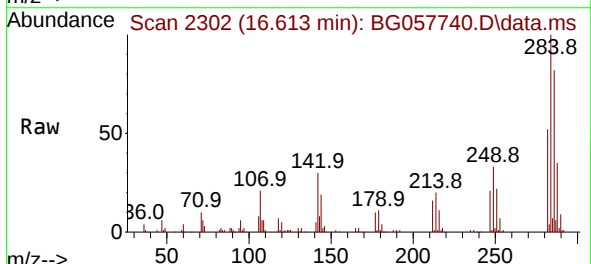
Tgt Ion:248 Resp: 11628
Ion Ratio Lower Upper
248 100
250 96.1 76.3 114.5
141 66.7 54.6 82.0

Manual Integrations
APPROVED

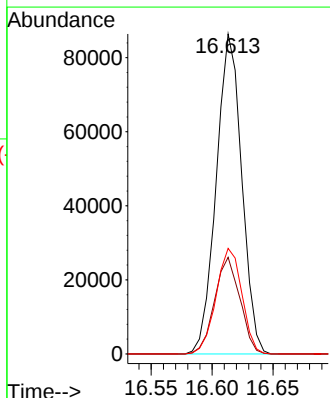
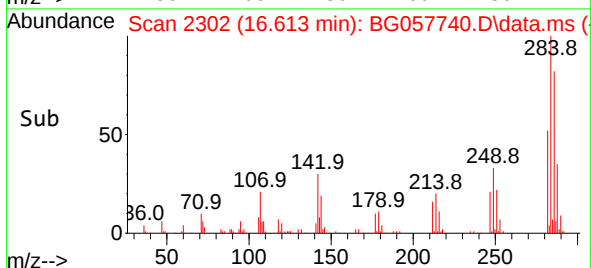
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

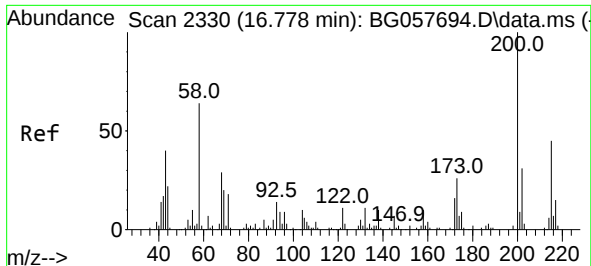


#68
Hexachlorobenzene
Concen: 44.431 ng
RT: 16.613 min Scan# 2302
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:284 Resp: 125764
Ion Ratio Lower Upper
284 100
142 30.2 24.1 36.1
249 33.0 26.8 40.2





#69
 Atrazine
 Concen: 53.425 ng
 RT: 16.772 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057740.D
 Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

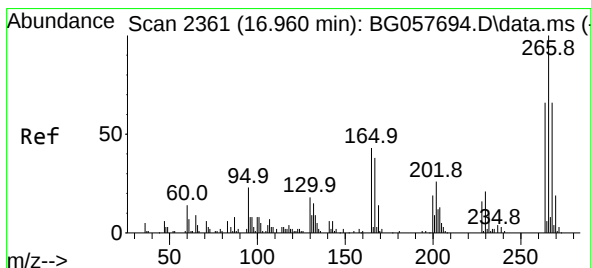
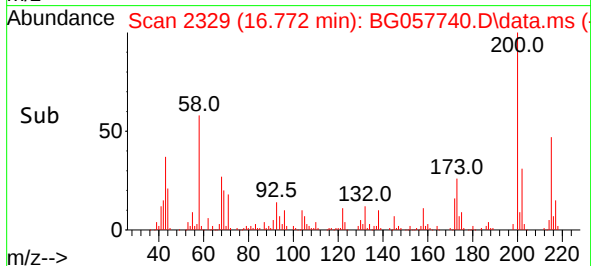
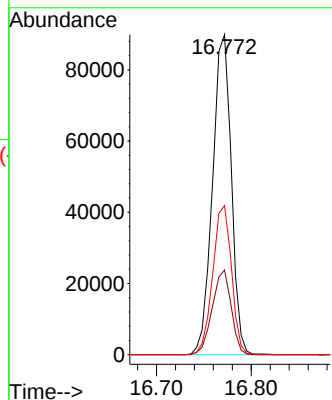
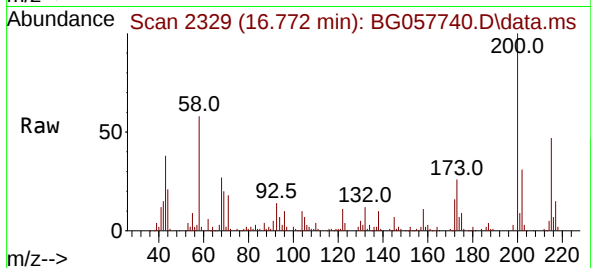
PB153314BS

Tgt Ion:200 Resp: 12359
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.3 46.3
 215 46.6 25.4 65.4

Manual Integrations

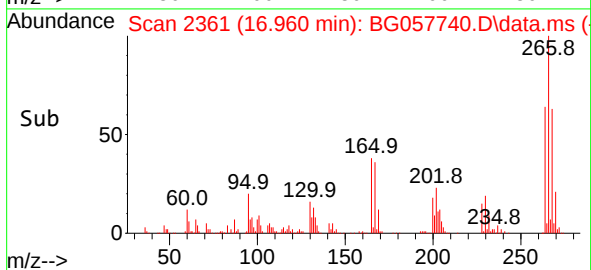
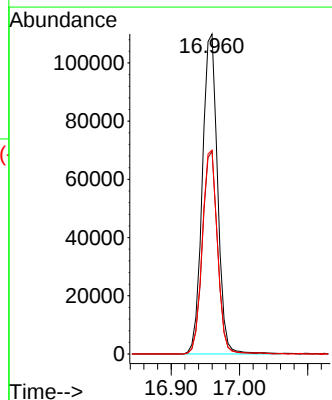
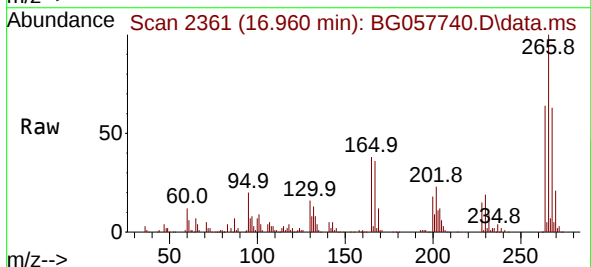
APPROVED

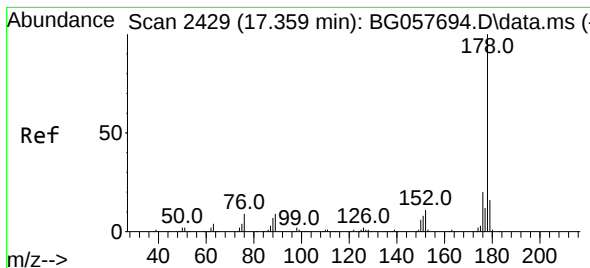
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#70
 Pentachlorophenol
 Concen: 100.149 ng
 RT: 16.960 min Scan# 2361
 Delta R.T. -0.001 min
 Lab File: BG057740.D
 Acq: 16 Jun 2023 18:43

Tgt Ion:266 Resp: 170186
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.0 79.6
 264 63.7 52.4 78.6





#71

Phenanthrene

Concen: 41.583 ng

RT: 17.353 min Scan# 2429

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Tgt Ion:178 Resp: 539738

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

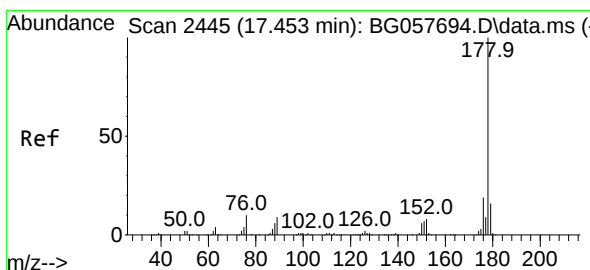
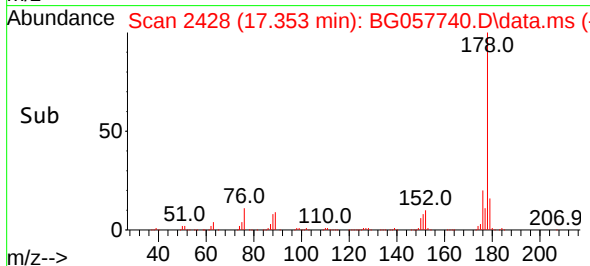
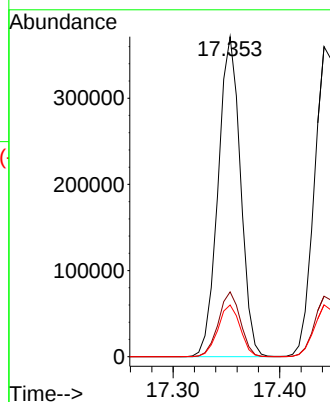
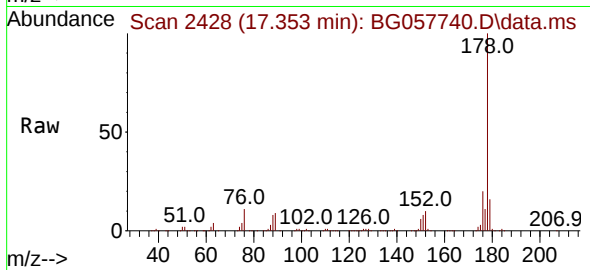
179 16.2 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#72

Anthracene

Concen: 41.692 ng

RT: 17.442 min Scan# 2443

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

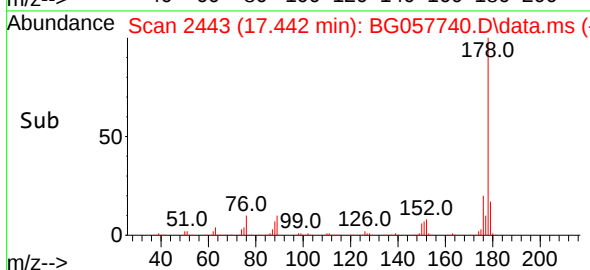
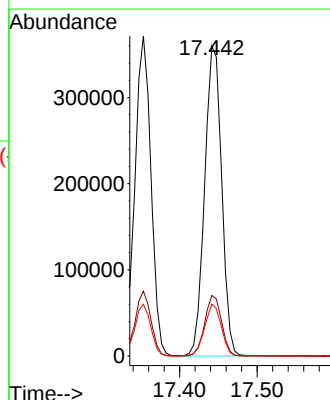
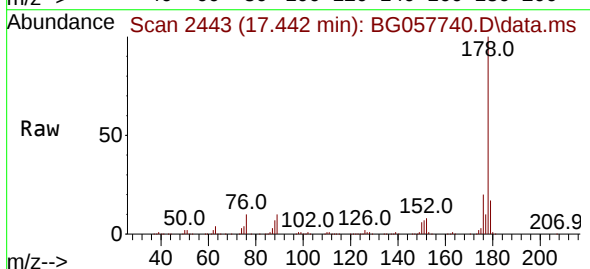
Tgt Ion:178 Resp: 548213

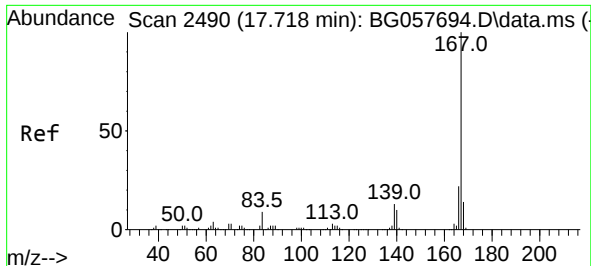
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 16.7 12.9 19.3





#73
Carbazole
Concen: 43.145 ng
RT: 17.712 min Scan# 2490
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

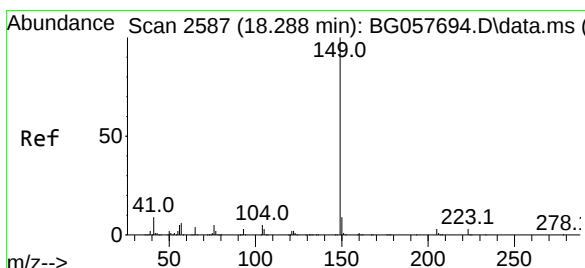
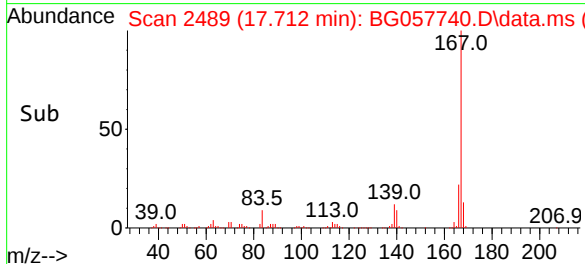
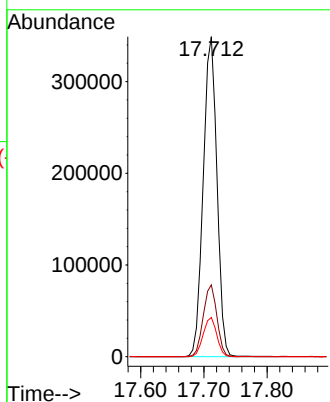
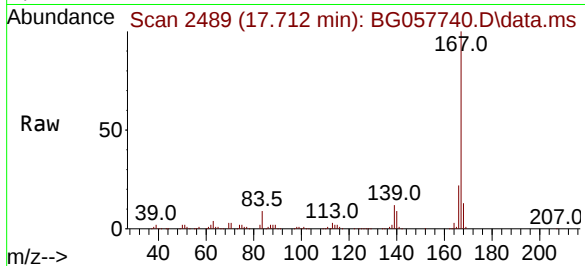
ClientSampleId :

PB153314BS

Tgt Ion:167 Resp: 52540
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.2
139 12.2 10.2 15.2

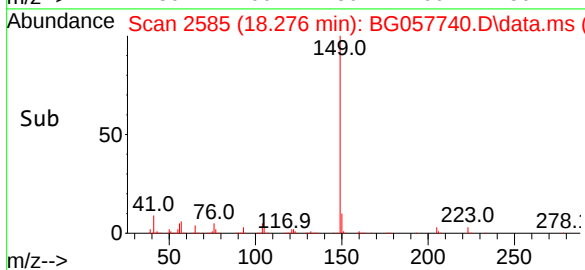
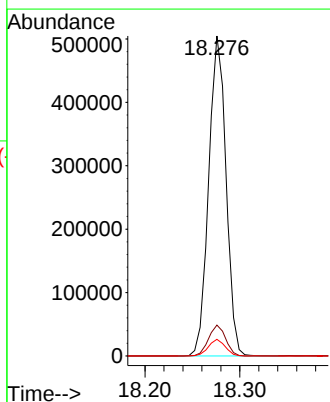
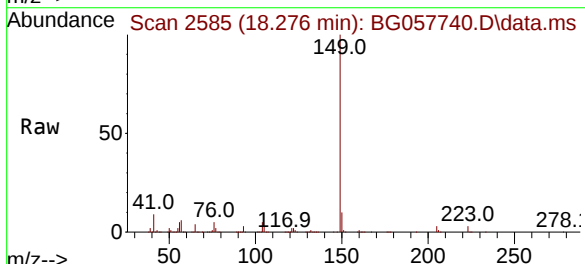
Manual Integrations
APPROVED

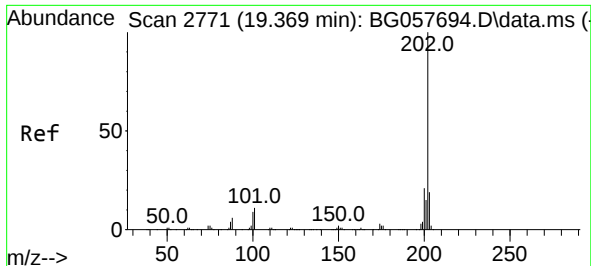
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#74
Di-n-butylphthalate
Concen: 47.571 ng
RT: 18.276 min Scan# 2585
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:149 Resp: 642098
Ion Ratio Lower Upper
149 100
150 9.6 7.0 10.6
104 5.2 4.3 6.5





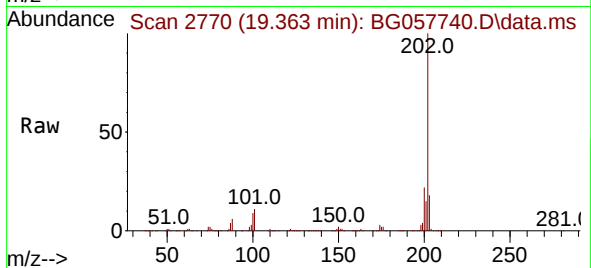
#75
Fluoranthene
Concen: 41.745 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

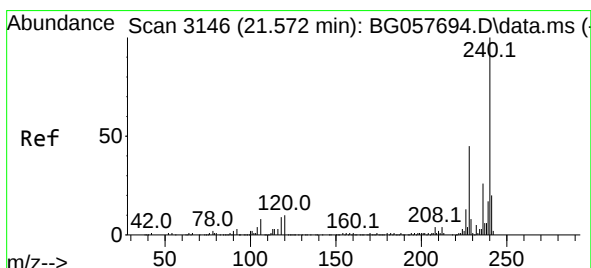
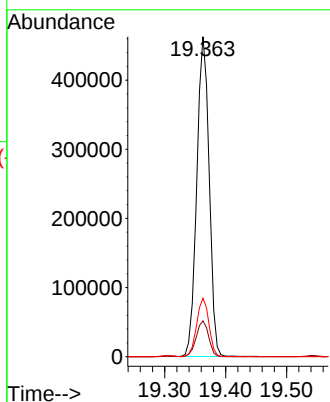
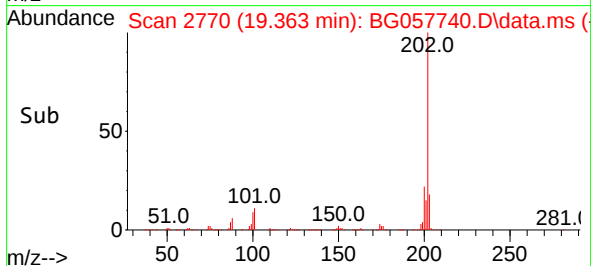


Tgt Ion:202 Resp: 652744
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 18.3 0.0 38.5

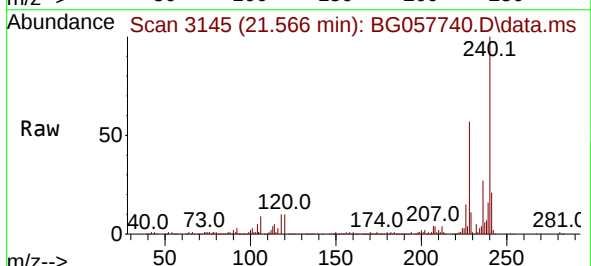
Manual Integrations

APPROVED

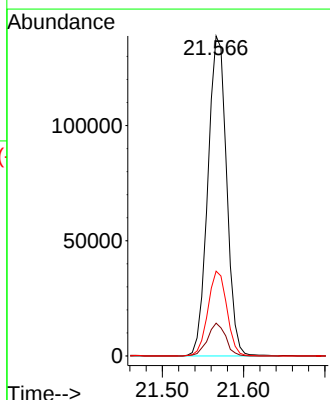
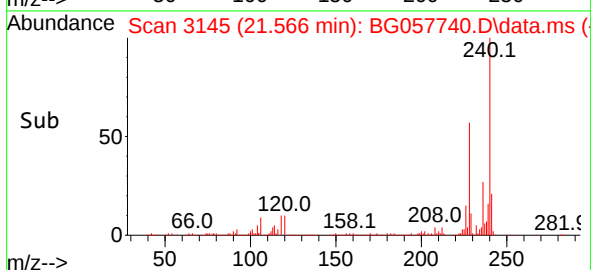
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

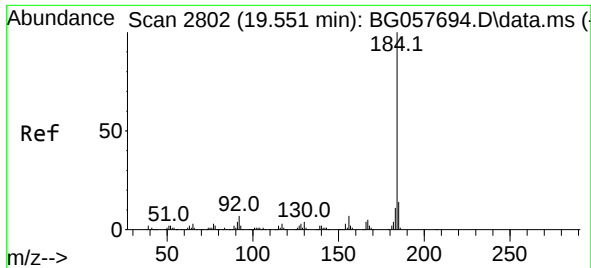


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



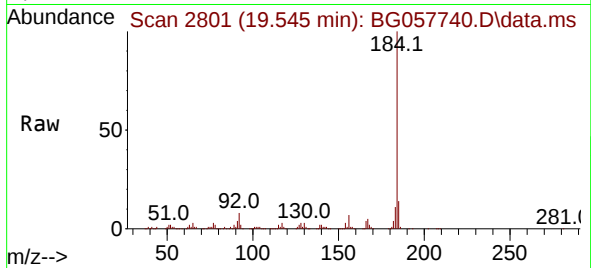
Tgt Ion:240 Resp: 222048
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.5 20.7 31.1





#77
Benzidine
Concen: 59.926 ng
RT: 19.545 min Scan# 2801
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

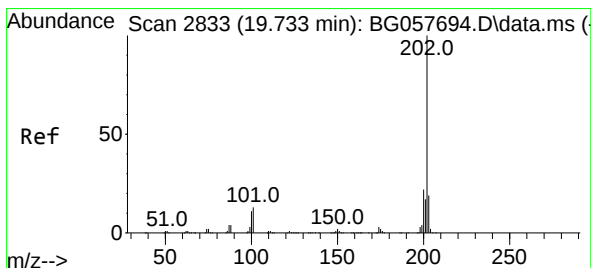
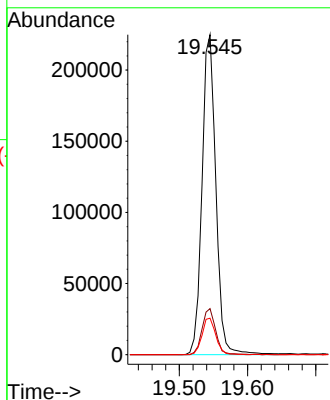
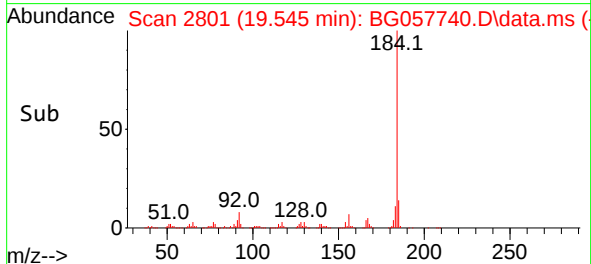
Instrument :
BNA_G
ClientSampleId :
PB153314BS



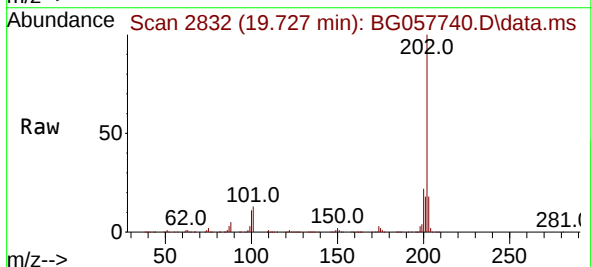
Tgt Ion:184 Resp: 31721
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 11.4 8.4 12.6

Manual Integrations
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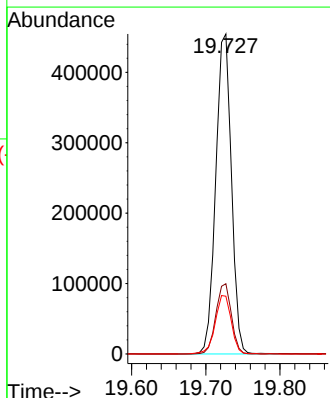
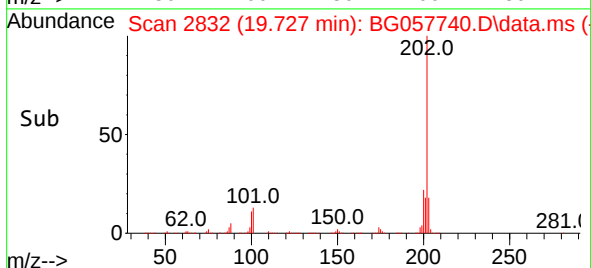
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

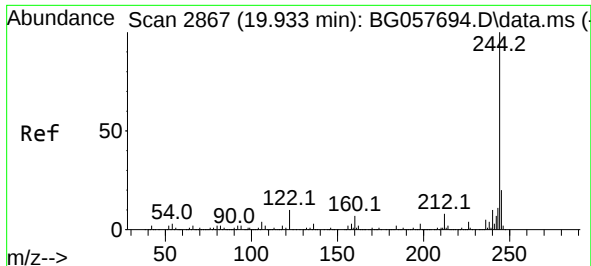


#78
Pyrene
Concen: 42.119 ng
RT: 19.727 min Scan# 2832
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:202 Resp: 665442
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.0
203 18.0 14.9 22.3





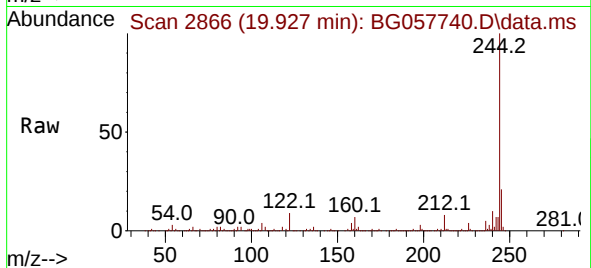
#79
 Terphenyl-d14
 Concen: 87.203 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG057740.D
 Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

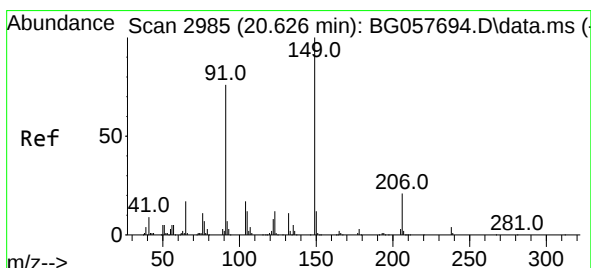
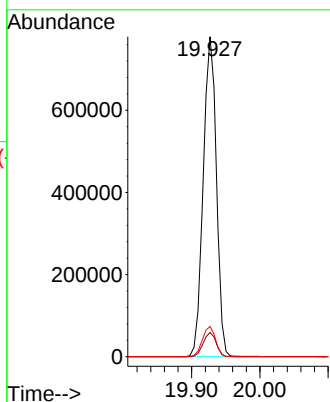
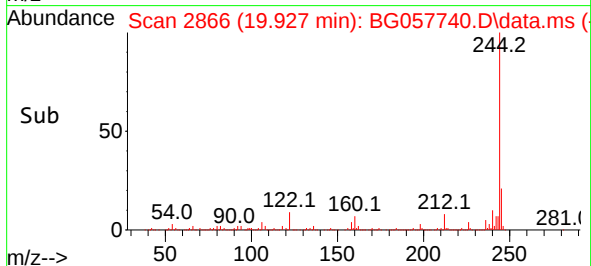


Tgt Ion:244 Resp: 1047312
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.5 7.7 11.5

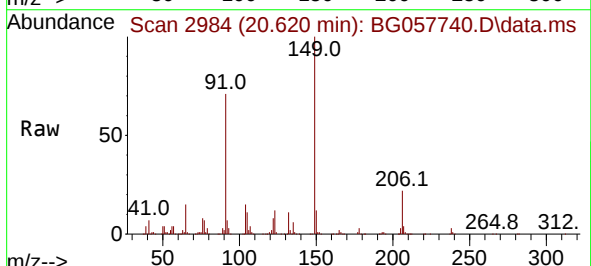
Manual Integrations

APPROVED

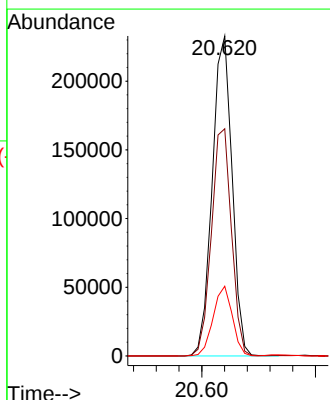
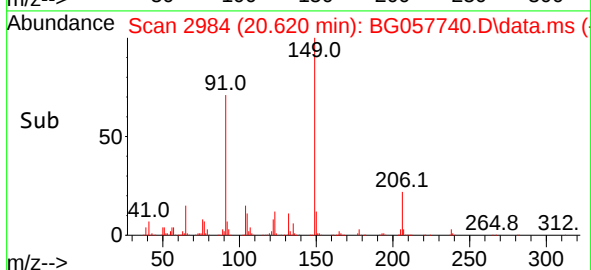
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

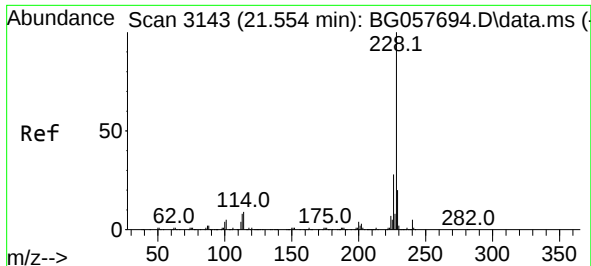


#80
 Butylbenzylphthalate
 Concen: 48.975 ng
 RT: 20.620 min Scan# 2984
 Delta R.T. -0.007 min
 Lab File: BG057740.D
 Acq: 16 Jun 2023 18:43



Tgt Ion:149 Resp: 282138
 Ion Ratio Lower Upper
 149 100
 91 71.0 60.8 91.2
 206 21.8 16.8 25.2





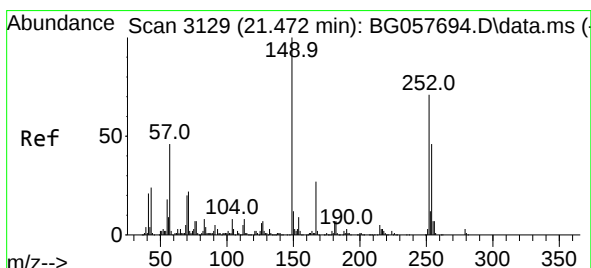
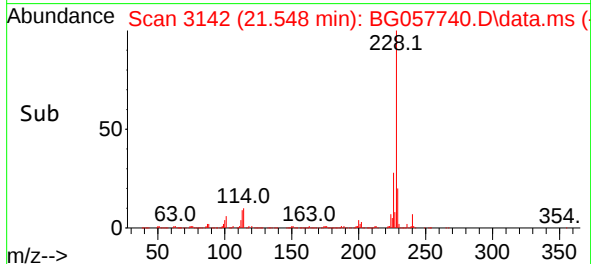
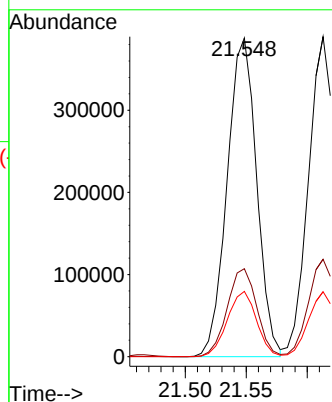
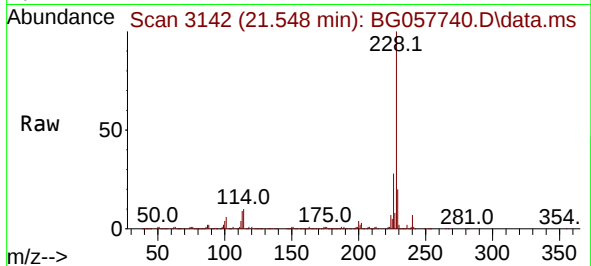
#81
Benzo(a)anthracene
Concen: 42.620 ng
RT: 21.548 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :
BNA_G
ClientSampleId :
PB153314BS

Tgt Ion:228 Resp: 653560
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.5 15.9 23.9

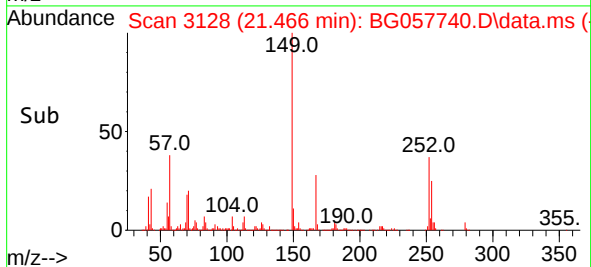
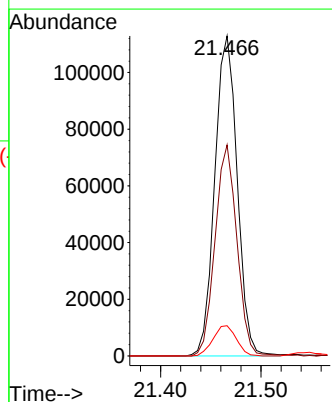
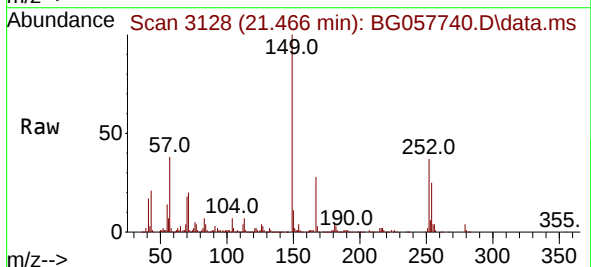
Manual Integrations
APPROVED

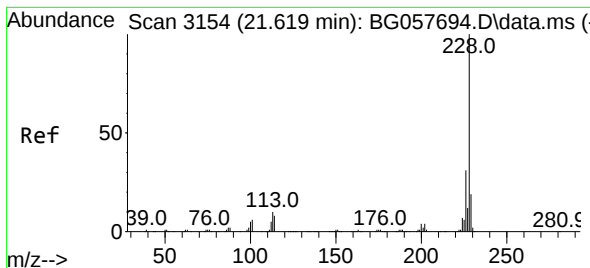
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.061 ng
RT: 21.466 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Tgt Ion:252 Resp: 175123
Ion Ratio Lower Upper
252 100
254 66.0 51.9 77.9
126 9.5 7.4 11.0





#83

Chrysene

Concen: 41.799 ng

RT: 21.613 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Tgt Ion:228 Resp: 610004

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

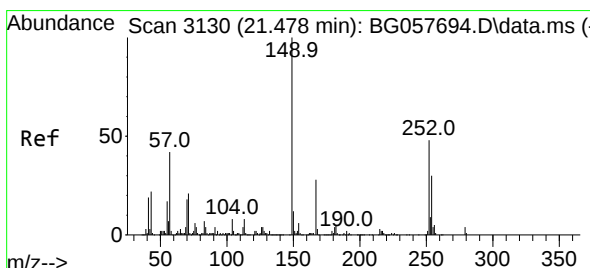
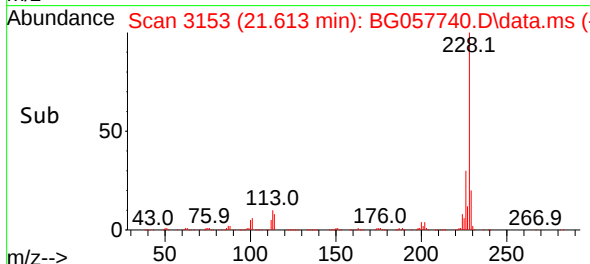
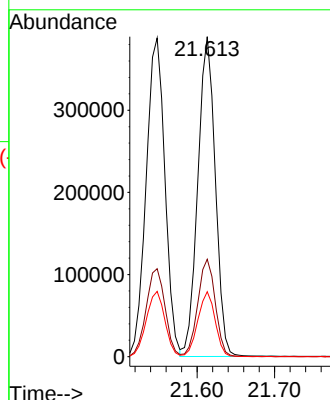
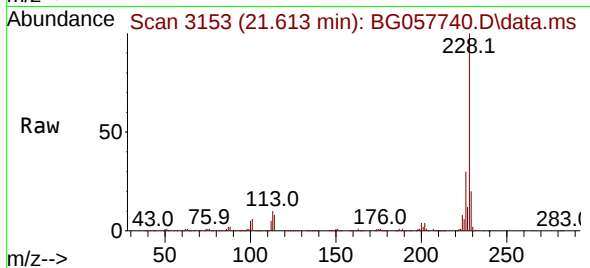
229 20.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.476 ng

RT: 21.466 min Scan# 3128

Delta R.T. -0.007 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

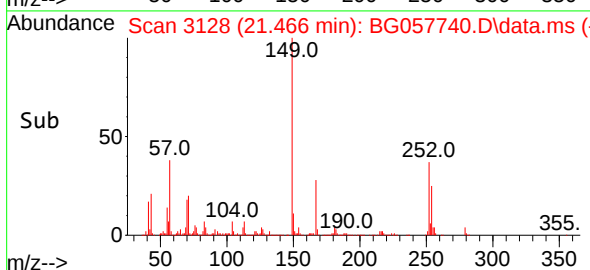
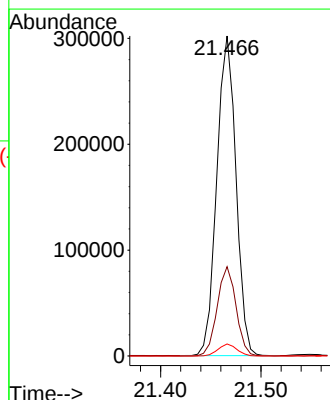
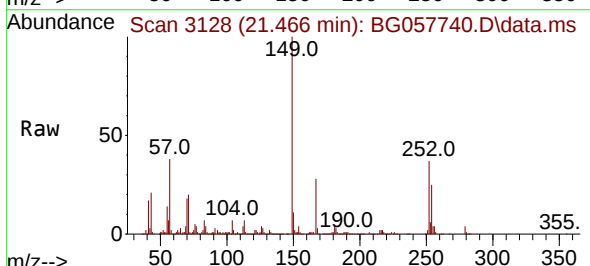
Tgt Ion:149 Resp: 400665

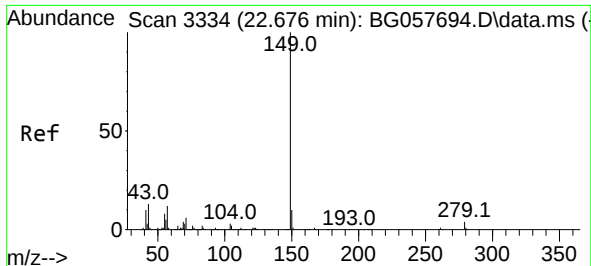
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

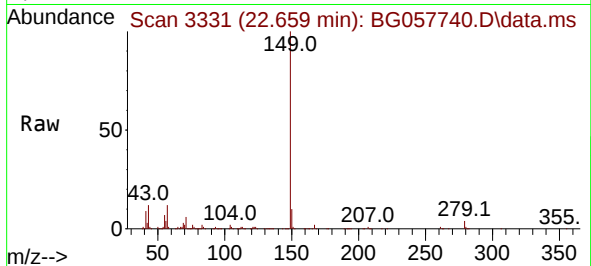
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 54.567 ng
RT: 22.659 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

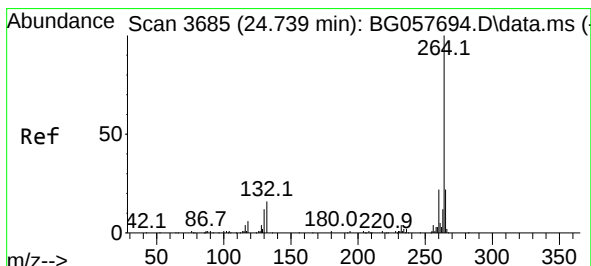
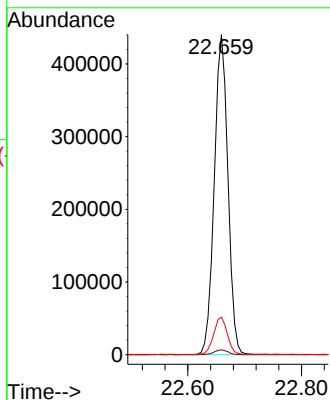
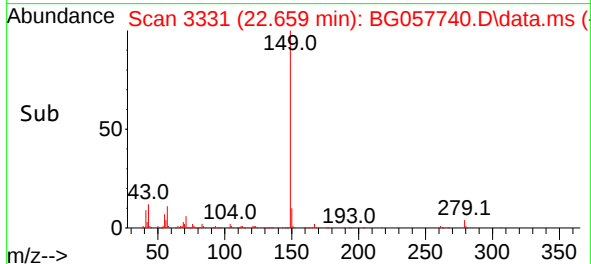
Instrument :
BNA_G
ClientSampleId :
PB153314BS



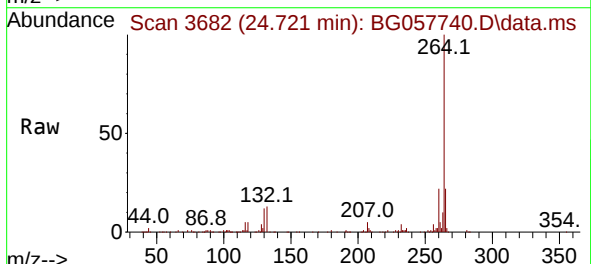
Tgt Ion:149 Resp: 73236
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.7 10.6 16.0

Manual Integrations
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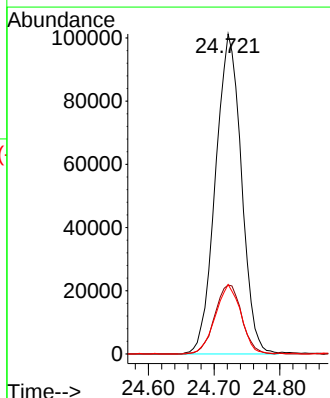
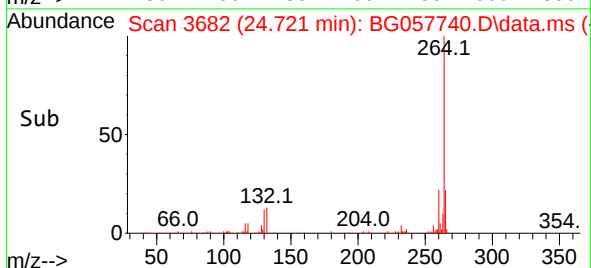
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

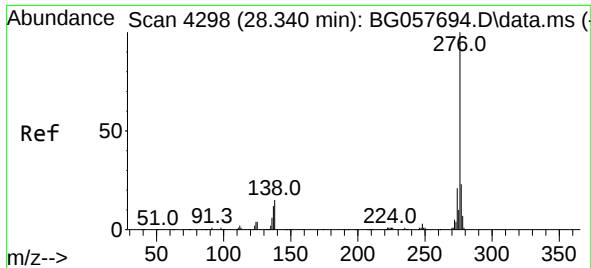


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.721 min Scan# 3682
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



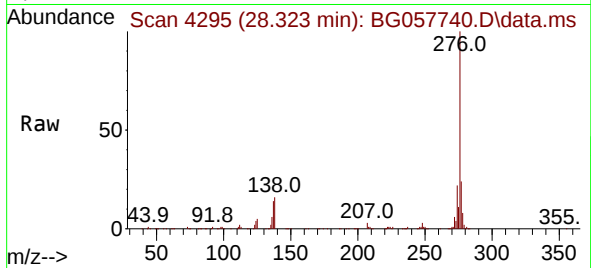
Tgt Ion:264 Resp: 277195
Ion Ratio Lower Upper
264 100
260 21.5 17.3 25.9
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.691 ng
RT: 28.323 min Scan# 41
Delta R.T. -0.025 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

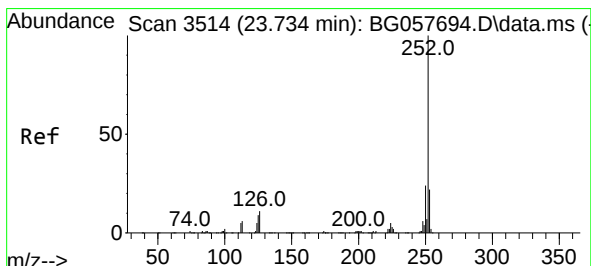
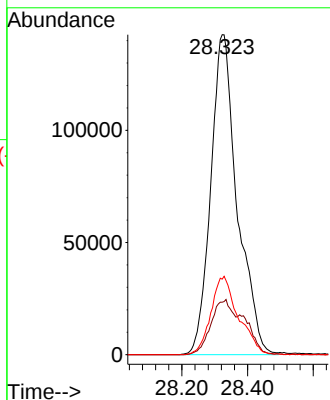
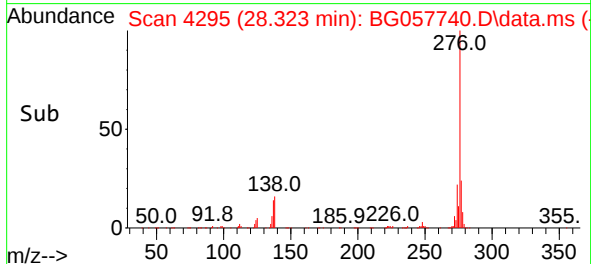
Instrument :
BNA_G
ClientSampleId :
PB153314BS



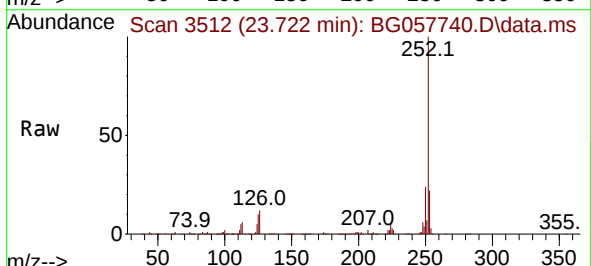
Tgt Ion:276 Resp: 80156
Ion Ratio Lower Upper
276 100
138 14.3 11.9 17.9
277 25.4 20.2 30.2

Manual Integrations
APPROVED

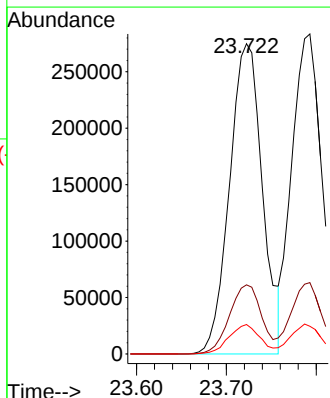
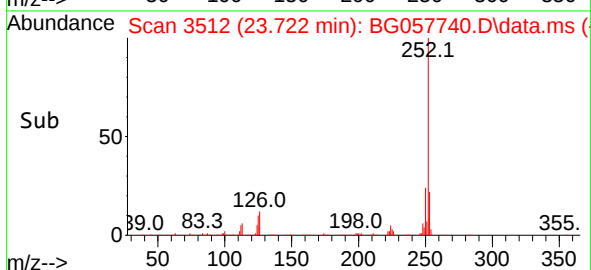
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

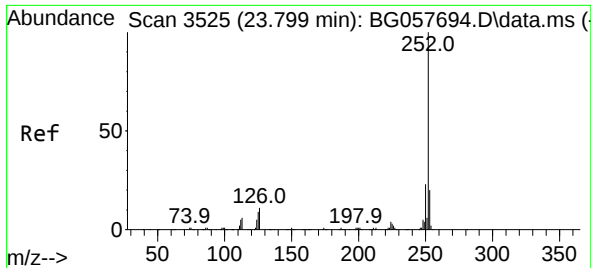


#88
Benzo(b)fluoranthene
Concen: 46.535 ng
RT: 23.722 min Scan# 3512
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:252 Resp: 699779
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.5 7.1 10.7





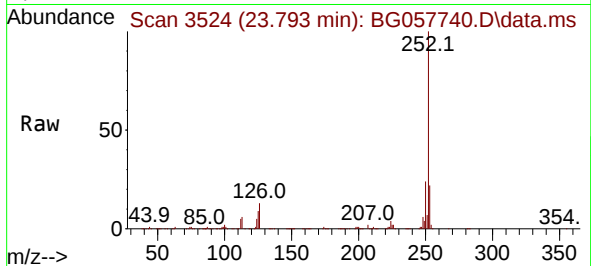
#89
Benzo(k)fluoranthene
Concen: 42.108 ng
RT: 23.793 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

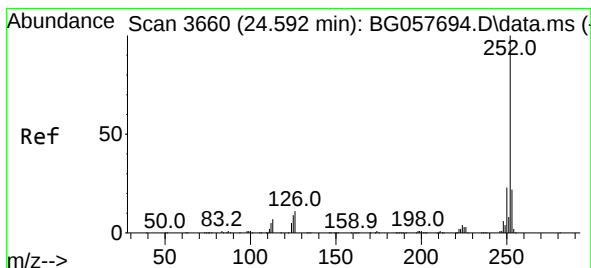
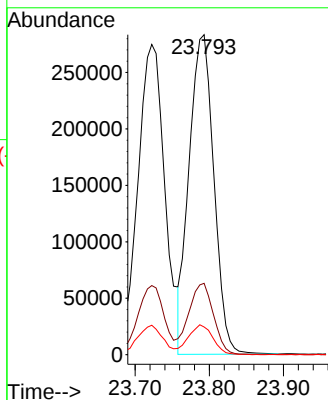
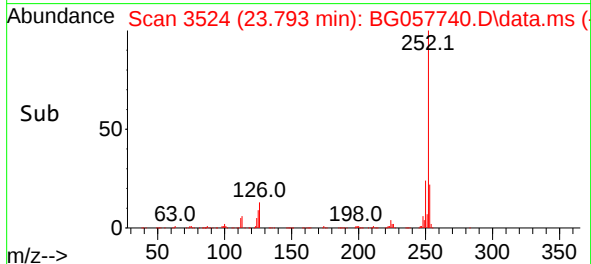


Tgt Ion:252 Resp: 65672
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 8.7 7.3 10.9

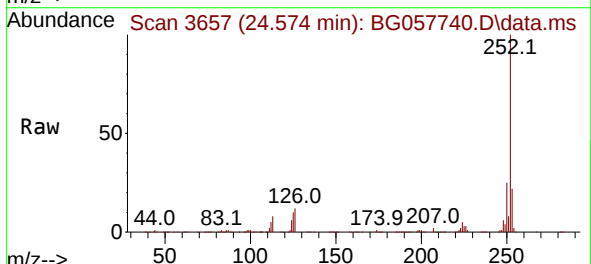
Manual Integrations

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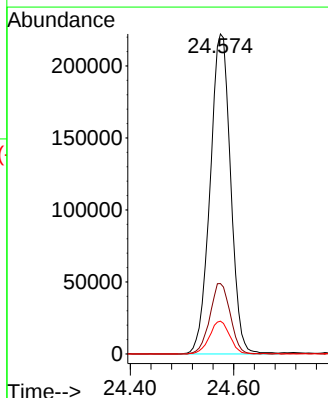
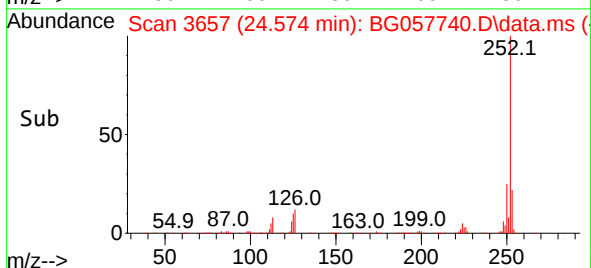
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

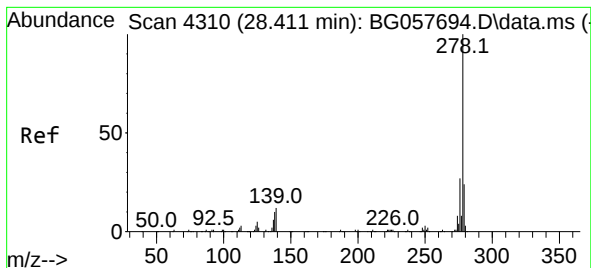


#90
Benzo(a)pyrene
Concen: 41.316 ng
RT: 24.574 min Scan# 3657
Delta R.T. -0.013 min
Lab File: BG057740.D
Acq: 16 Jun 2023 18:43



Tgt Ion:252 Resp: 610867
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 44.895 ng

RT: 28.387 min Scan# 41

Delta R.T. -0.025 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Instrument :

BNA_G

ClientSampleId :

PB153314BS

Tgt Ion:278 Resp: 66541

Ion Ratio Lower Upper

278 100

139 13.6 10.0 15.0

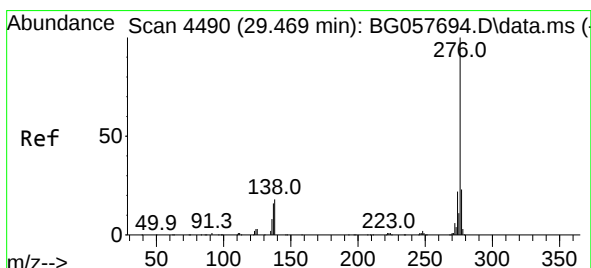
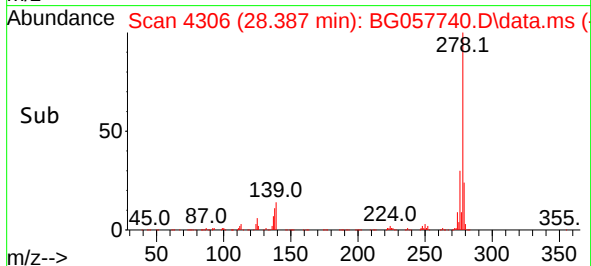
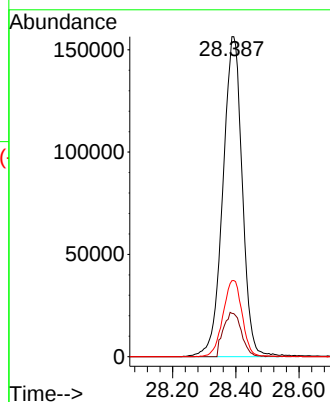
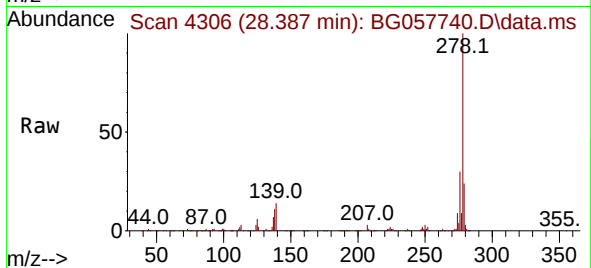
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#92

Benzo(g,h,i)perylene

Concen: 44.603 ng

RT: 29.451 min Scan# 4487

Delta R.T. -0.019 min

Lab File: BG057740.D

Acq: 16 Jun 2023 18:43

Tgt Ion:276 Resp: 659830

Ion Ratio Lower Upper

276 100

277 23.6 18.1 27.1

138 18.8 14.6 21.8

