

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058696.D
 Acq On : 11 Aug 2023 9:44
 Operator : MA/JU
 Sample : PB154717BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154717BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 10:18:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	48569	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	210690	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	147913	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	366231	20.000	ng	0.00
76) Chrysene-d12	21.452	240	324619	20.000	ng	0.00
86) Perylene-d12	24.519	264	412239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	387265	121.872	ng	0.00
7) Phenol-d6	6.986	99	523685	118.437	ng	0.00
23) Nitrobenzene-d5	8.978	82	311949	72.735	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	258519	106.632	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	710538	71.989	ng	0.00
79) Terphenyl-d14	19.824	244	1360973	78.842	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	48878	31.743	ng	99
3) Pyridine	3.661	79	121617	28.970	ng	99
4) n-Nitrosodimethylamine	3.578	42	71009	39.921	ng	98
6) Aniline	7.139	93	180118	33.086	ng	99
8) 2-Chlorophenol	7.374	128	143668	46.087	ng	98
9) Benzaldehyde	6.951	77	76934	32.025	ng	99
10) Phenol	7.010	94	198284	45.907	ng	99
11) bis(2-Chloroethyl)ether	7.233	93	139547	40.981	ng	97
12) 1,3-Dichlorobenzene	7.697	146	137785	41.392	ng	98
13) 1,4-Dichlorobenzene	7.844	146	139738	41.808	ng	97
14) 1,2-Dichlorobenzene	8.161	146	135543	42.416	ng	96
15) Benzyl Alcohol	8.056	79	137989	49.210	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.332	45	237221m	42.887	ng	
17) 2-Methylphenol	8.261	107	136086	43.090	ng	98
18) Hexachloroethane	8.890	117	51604	42.478	ng	89
19) n-Nitroso-di-n-propyla...	8.620	70	116526	40.800	ng	96
20) 3+4-Methylphenols	8.590	107	186207	43.589	ng	99
22) Acetophenone	8.637	105	224028	39.711	ng	# 99
24) Nitrobenzene	9.019	77	170492	39.102	ng	96
25) Isophorone	9.536	82	337770	38.117	ng	99
26) 2-Nitrophenol	9.730	139	75787	39.931	ng	99
27) 2,4-Dimethylphenol	9.789	122	128143	40.703	ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	193354	40.094	ng	98
29) 2,4-Dichlorophenol	10.265	162	140265	42.911	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	148463	39.383	ng	99
31) Naphthalene	10.664	128	429314	38.661	ng	99
32) Benzoic acid	9.959	122	68898	30.505	ng	98
33) 4-Chloroaniline	10.782	127	117592	25.064	ng	98
34) Hexachlorobutadiene	10.940	225	92423	38.071	ng	98
35) Caprolactam	11.557	113	51023m	42.270	ng	
36) 4-Chloro-3-methylphenol	11.910	107	169397	41.893	ng	99
37) 2-Methylnaphthalene	12.274	142	299180	37.665	ng	96
38) 1-Methylnaphthalene	12.497	142	286696	37.969	ng	100
40) 1,2,4,5-Tetrachloroben...	12.650	216	174155	38.351	ng	100
41) Hexachlorocyclopentadiene	12.621	237	144835	69.633	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	123910	39.671	ng	97

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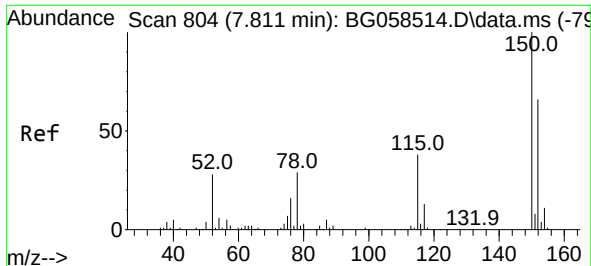
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.967	196	136690	37.155	ng	98
46) 1,1'-Biphenyl	13.291	154	396823	39.065	ng	99
47) 2-Chloronaphthalene	13.338	162	317682	40.110	ng	99
48) 2-Nitroaniline	13.543	65	124213	41.088	ng	98
49) Acenaphthylene	14.184	152	533650	40.244	ng	100
50) Dimethylphthalate	13.919	163	437404	39.375	ng	99
51) 2,6-Dinitrotoluene	14.043	165	97728	40.095	ng	96
52) Acenaphthene	14.524	154	298515	38.960	ng	98
53) 3-Nitroaniline	14.378	138	73338	30.073	ng	92
54) 2,4-Dinitrophenol	14.589	184	105518	77.094	ng	99
55) Dibenzofuran	14.859	168	512538	38.929	ng	98
56) 4-Nitrophenol	14.695	139	151911	83.898	ng	95
57) 2,4-Dinitrotoluene	14.836	165	139282	41.218	ng	91
58) Fluorene	15.512	166	409763	39.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.088	232	128381	40.895	ng	98
60) Diethylphthalate	15.282	149	453466	40.070	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	227338	38.988	ng	99
62) 4-Nitroaniline	15.541	138	103085	44.623	ng	98
63) Azobenzene	15.794	77	443093	39.751	ng	99
65) 4,6-Dinitro-2-methylph...	15.600	198	82943	41.074	ng	98
66) n-Nitrosodiphenylamine	15.717	169	371503	38.974	ng	98
67) 4-Bromophenyl-phenylether	16.393	248	159472	38.391	ng	96
68) Hexachlorobenzene	16.516	284	177998	40.439	ng	99
69) Atrazine	16.669	200	156346	48.588	ng	98
70) Pentachlorophenol	16.863	266	176594	66.284	ng	98
71) Phenanthrene	17.251	178	691199	39.797	ng	100
72) Anthracene	17.339	178	709181	39.794	ng	99
73) Carbazole	17.615	167	670367	42.657	ng	100
74) Di-n-butylphthalate	18.167	149	825738	41.949	ng	99
75) Fluoranthene	19.266	202	864699	41.447	ng	100
77) Benzidine	19.448	184	362371	73.615	ng	98
78) Pyrene	19.630	202	888765	40.230	ng	99
80) Butylbenzylphthalate	20.512	149	364872	40.208	ng	99
81) Benzo(a)anthracene	21.434	228	913841	40.906	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	271747	35.977	ng	98
83) Chrysene	21.499	228	846097	39.502	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	528235	39.834	ng	98
85) Di-n-octyl phthalate	22.486	149	953046	40.878	ng	99
87) Indeno(1,2,3-cd)pyrene	28.032	276	1149910	41.929	ng	99
88) Benzo(b)fluoranthene	23.549	252	944634	42.249	ng	99
89) Benzo(k)fluoranthene	23.614	252	937887	41.755	ng	99
90) Benzo(a)pyrene	24.378	252	864580	39.374	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	953897	42.065	ng	99
92) Benzo(g,h,i)perylene	29.119	276	908959	39.974	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

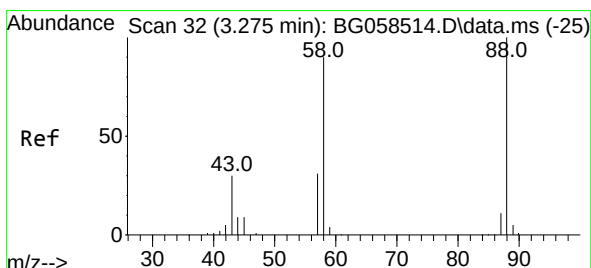
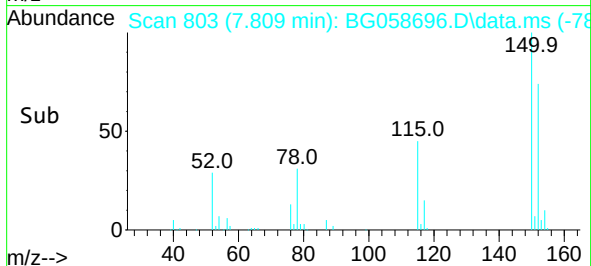
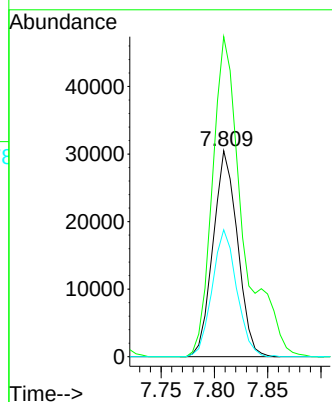
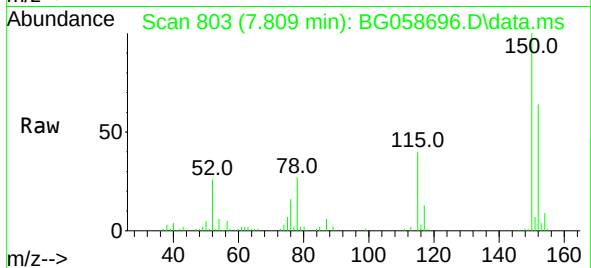
PB154717BS

Tgt Ion:152 Resp: 48569
Ion Ratio Lower Upper
152 100
150 155.4 120.5 180.7
115 61.6 45.9 68.9

Manual Integrations

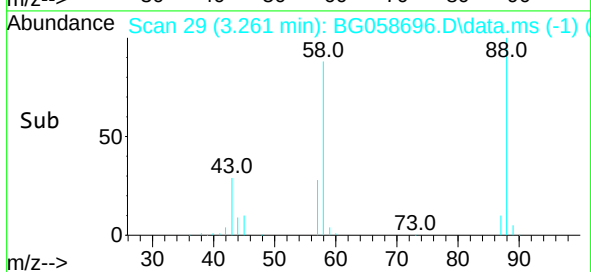
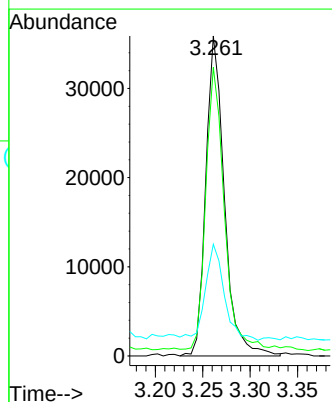
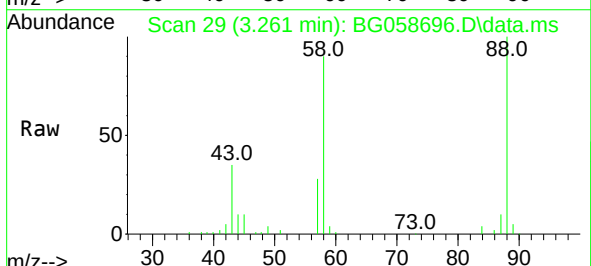
APPROVED

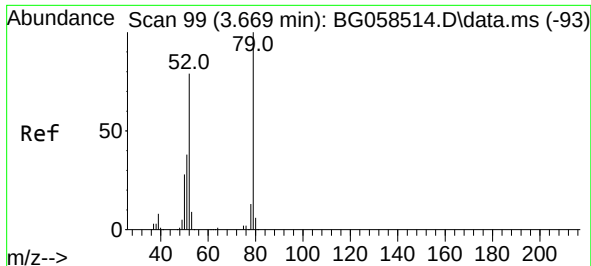
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#2
1,4-Dioxane
Concen: 31.743 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

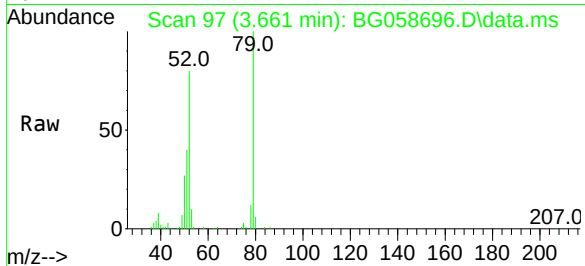
Tgt Ion: 88 Resp: 48878
Ion Ratio Lower Upper
88 100
58 86.4 68.9 103.3
43 29.8 22.9 34.3





#3
Pyridine
Concen: 28.970 ng
RT: 3.661 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

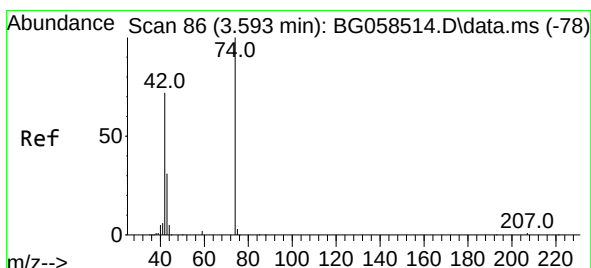
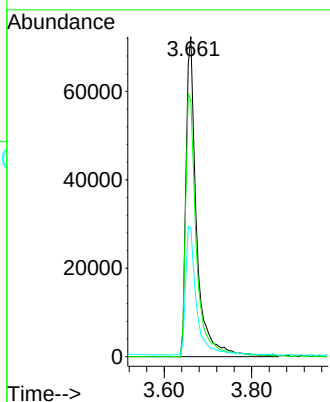
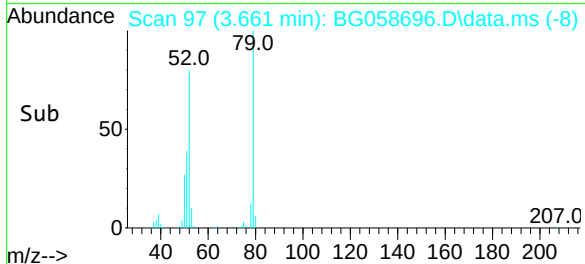
Instrument :
BNA_G
ClientSampleId :
PB154717BS



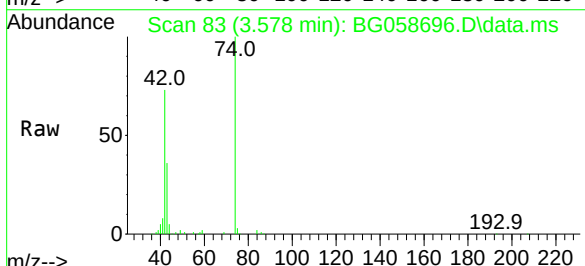
Tgt Ion: 79 Resp: 12161
Ion Ratio Lower Upper
79 100
52 80.1 63.2 94.8
51 40.1 31.9 47.9

Manual Integrations
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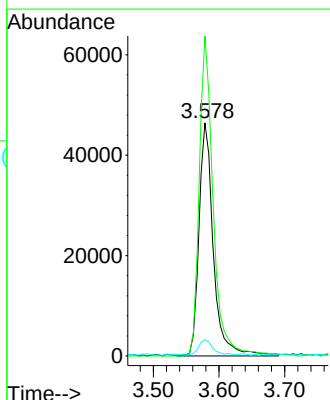
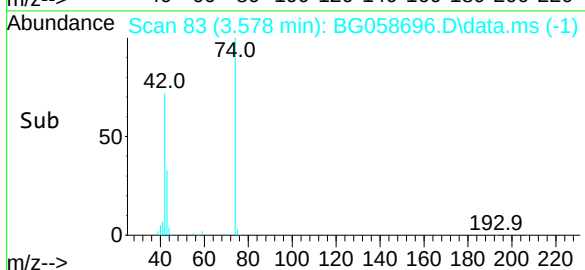
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

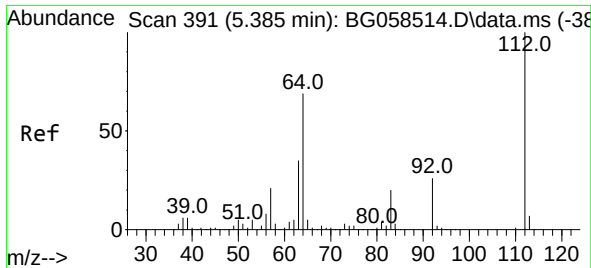


#4
n-Nitrosodimethylamine
Concen: 39.921 ng
RT: 3.578 min Scan# 83
Delta R.T. -0.014 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion: 42 Resp: 71009
Ion Ratio Lower Upper
42 100
74 137.3 111.5 167.3
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 121.872 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

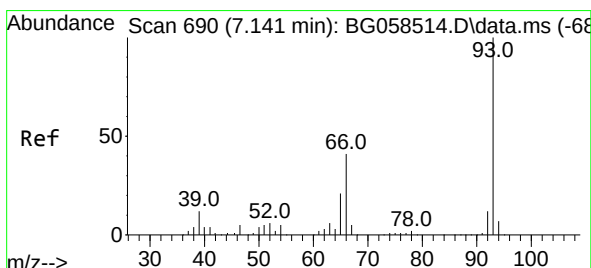
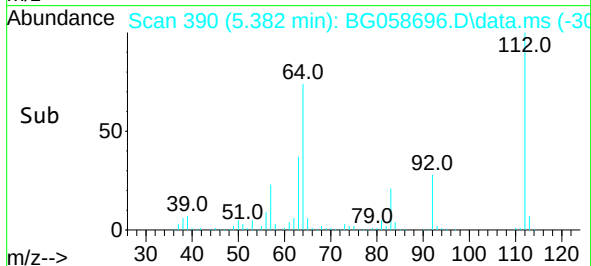
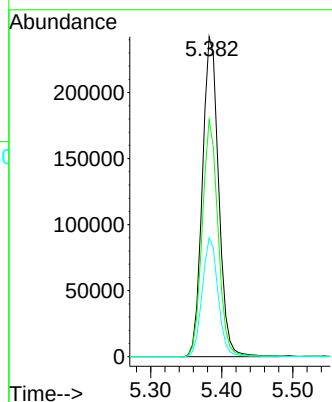
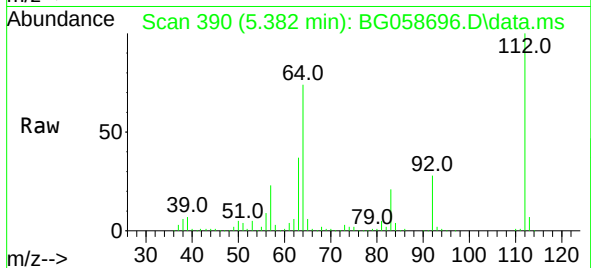
ClientSampleId :

PB154717BS

Tgt Ion:112 Resp: 38726
Ion Ratio Lower Upper
112 100
64 74.1 55.3 82.9
63 37.2 28.3 42.5

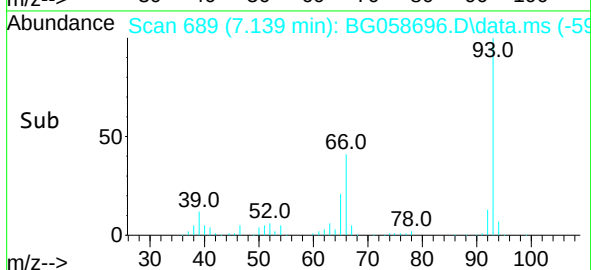
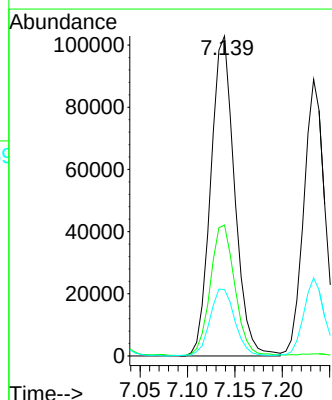
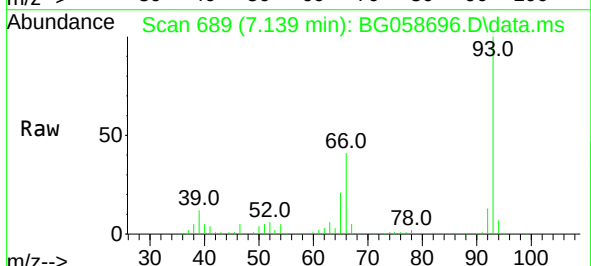
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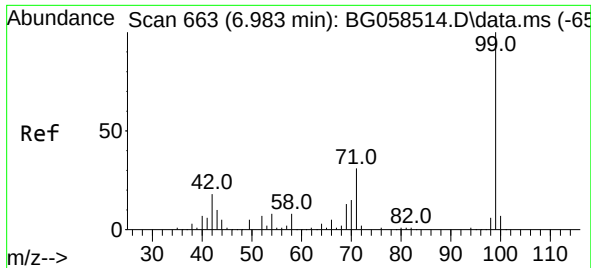
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#6
Aniline
Concen: 33.086 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion: 93 Resp: 180118
Ion Ratio Lower Upper
93 100
66 40.9 33.1 49.7
65 20.8 17.0 25.4





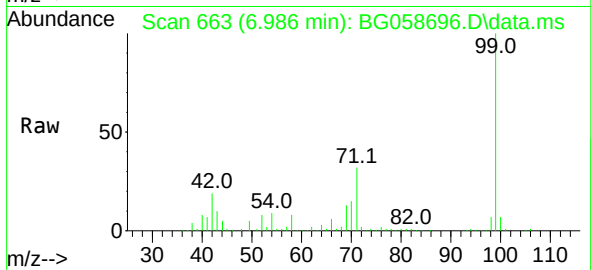
#7
Phenol-d6
Concen: 118.437 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

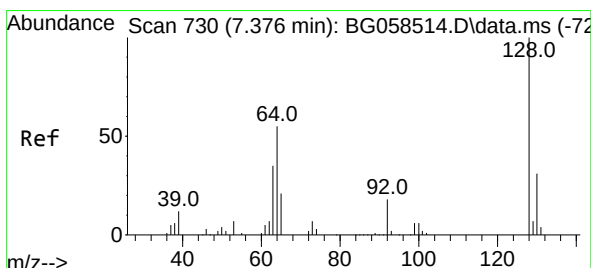
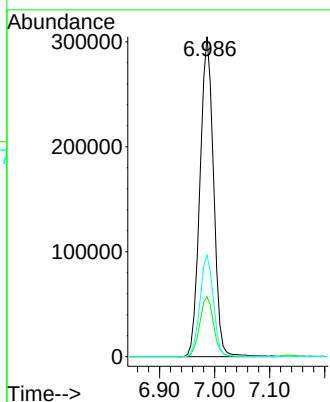
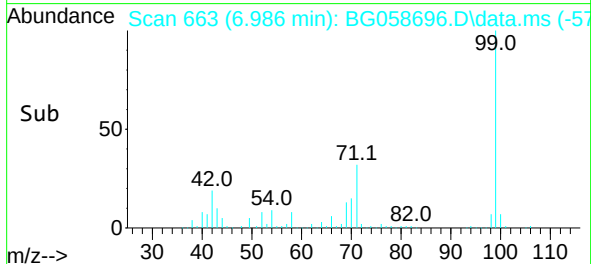


Tgt Ion: 99 Resp: 52368
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.7 25.0 37.4

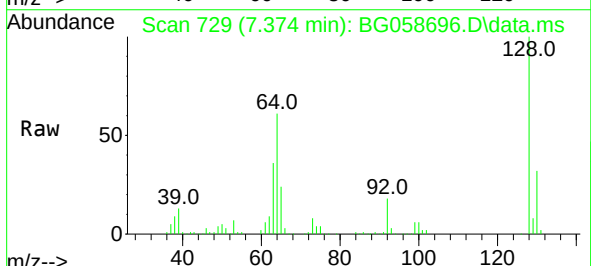
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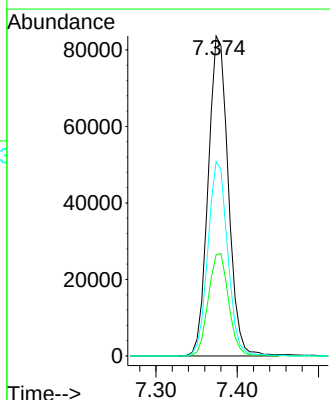
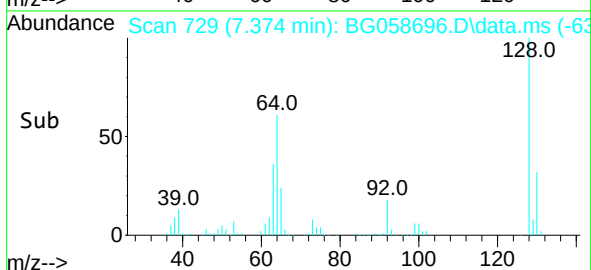
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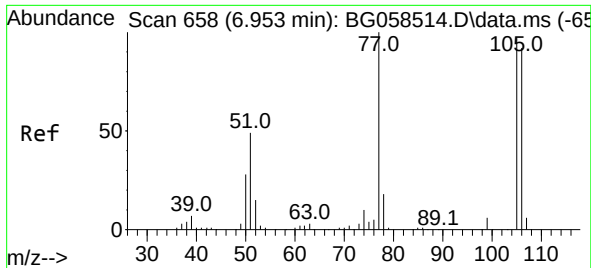


#8
2-Chlorophenol
Concen: 46.087 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:128 Resp: 143668
Ion Ratio Lower Upper
128 100
130 31.7 10.9 50.9
64 60.8 39.0 79.0





#9
Benzaldehyde
Concen: 32.025 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

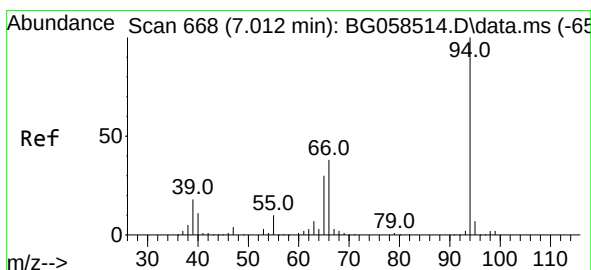
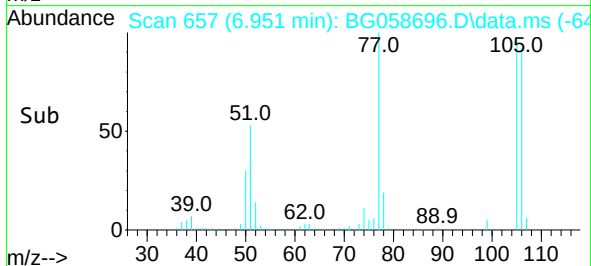
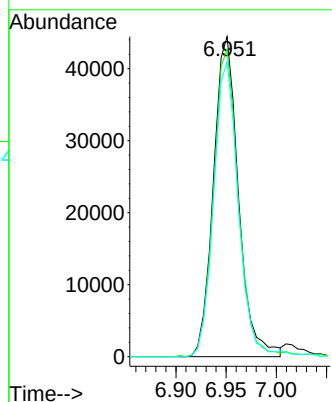
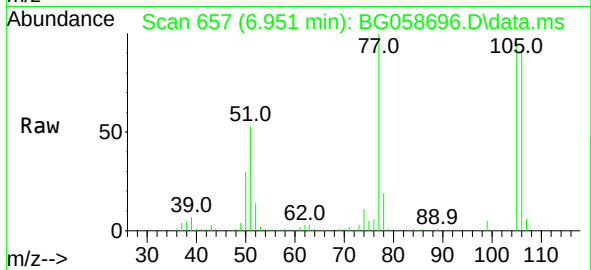
PB154717BS

Tgt Ion: 77 Resp: 76934
Ion Ratio Lower Upper
77 100
105 96.1 77.1 117.1
106 92.2 71.6 111.6

Manual Integrations

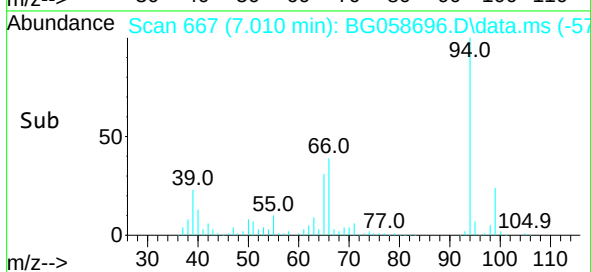
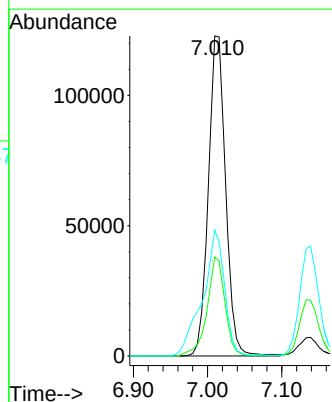
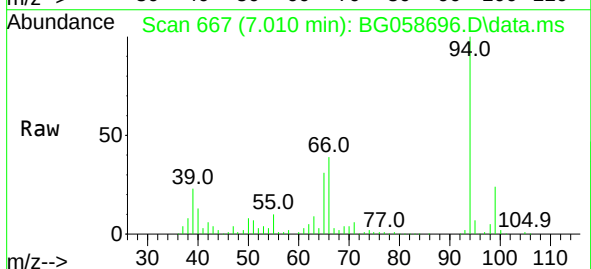
APPROVED

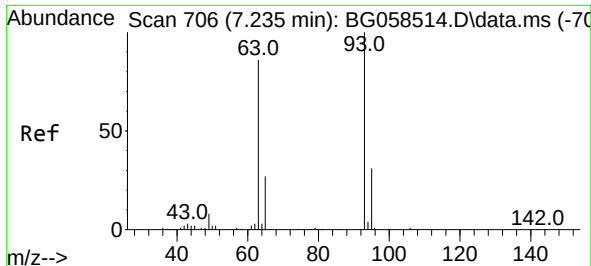
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#10
Phenol
Concen: 45.907 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

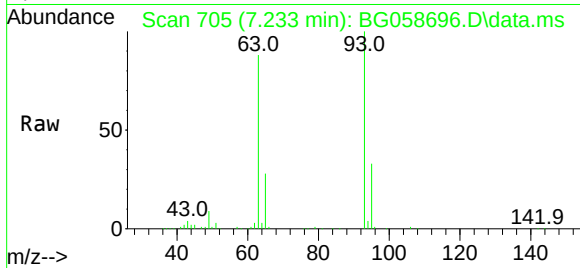
Tgt Ion: 94 Resp: 198284
Ion Ratio Lower Upper
94 100
65 30.9 10.4 50.4
66 39.3 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 40.981 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

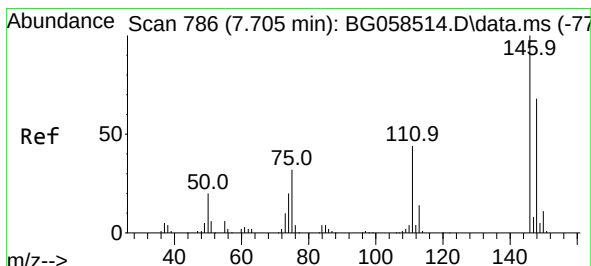
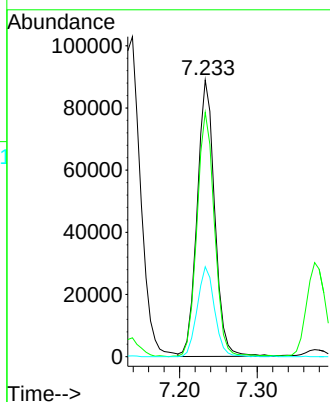
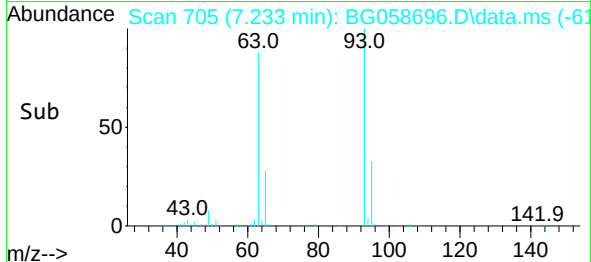
Instrument :
BNA_G
ClientSampleId :
PB154717BS



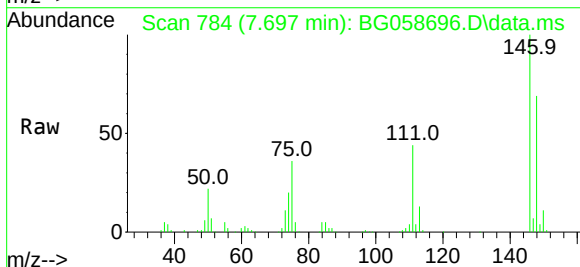
Tgt Ion: 93 Resp: 13954
Ion Ratio Lower Upper
93 100
63 88.3 65.5 105.5
95 32.5 11.2 51.2

Manual Integrations
APPROVED

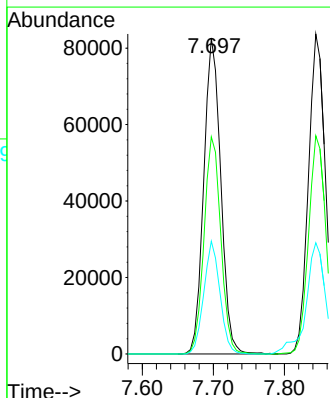
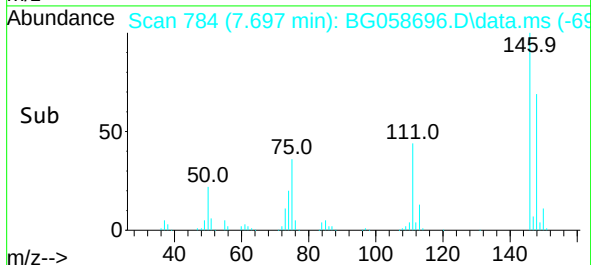
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

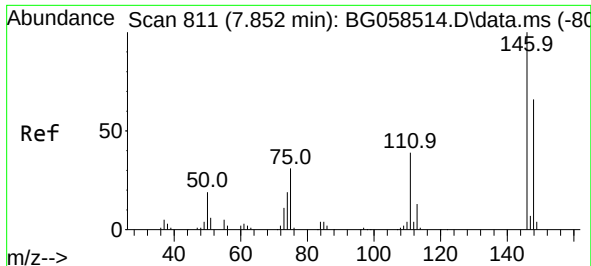


#12
1,3-Dichlorobenzene
Concen: 41.392 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:146 Resp: 137785
Ion Ratio Lower Upper
146 100
148 68.7 54.7 82.1
75 35.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 41.808 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

Tgt Ion:146 Resp: 139738

Ion Ratio Lower Upper

146 100

148 68.2 52.8 79.2

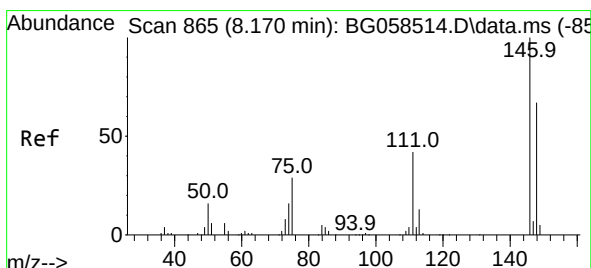
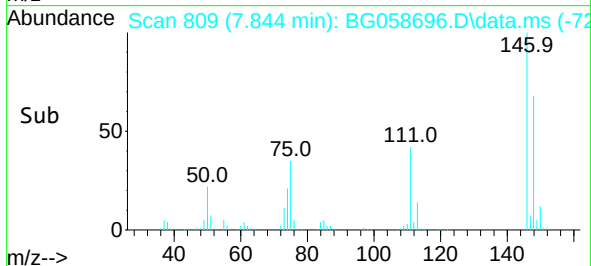
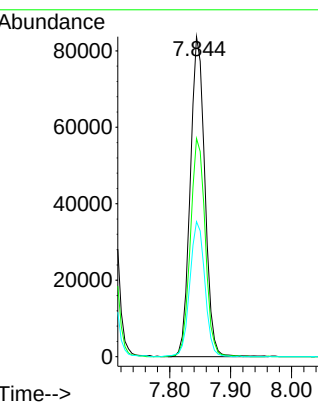
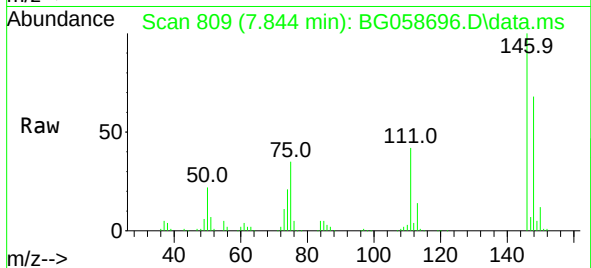
111 42.2 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#14

1,2-Dichlorobenzene

Concen: 42.416 ng

RT: 8.161 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

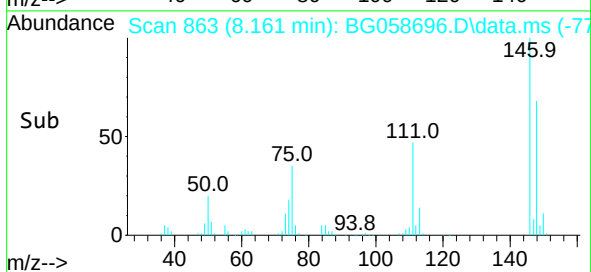
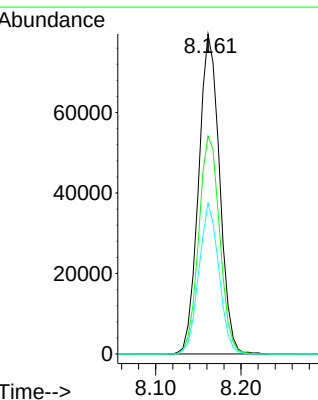
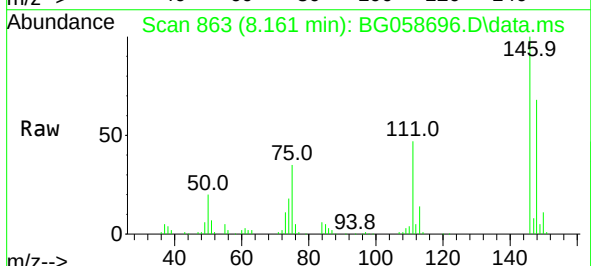
Tgt Ion:146 Resp: 135543

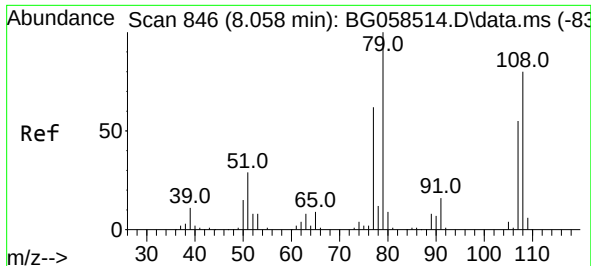
Ion Ratio Lower Upper

146 100

148 68.1 53.4 80.2

111 47.1 34.2 51.2





#15
Benzyl Alcohol
Concen: 49.210 ng
RT: 8.056 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

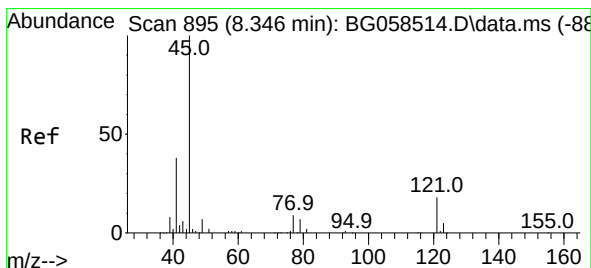
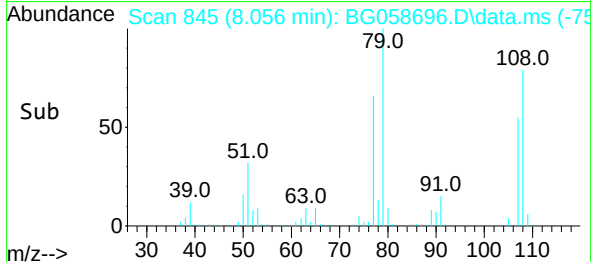
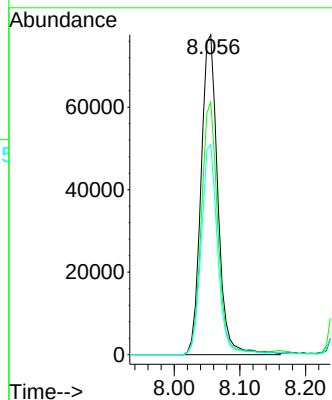
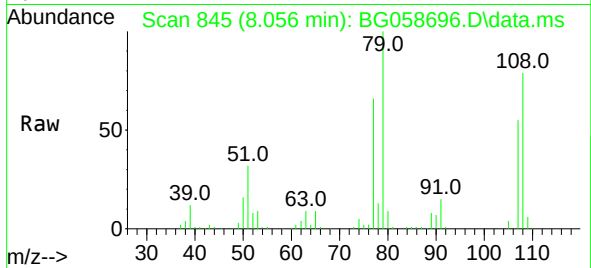
ClientSampleId :

PB154717BS

Tgt Ion: 79 Resp: 137989
Ion Ratio Lower Upper
79 100
108 79.0 63.8 95.6
77 65.6 49.8 74.6

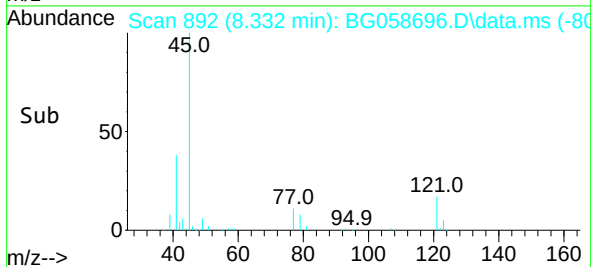
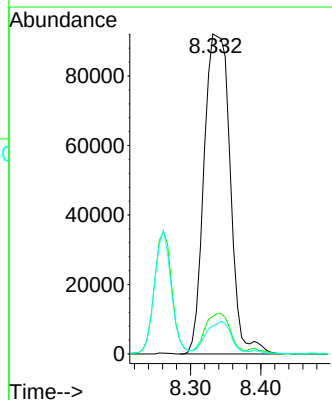
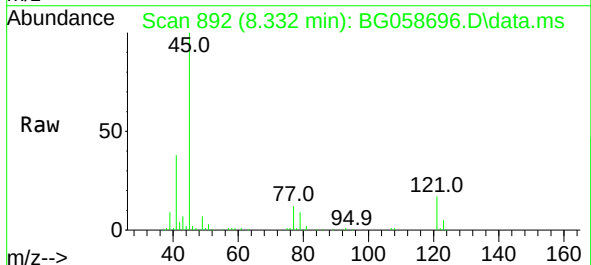
Manual Integrations
APPROVED

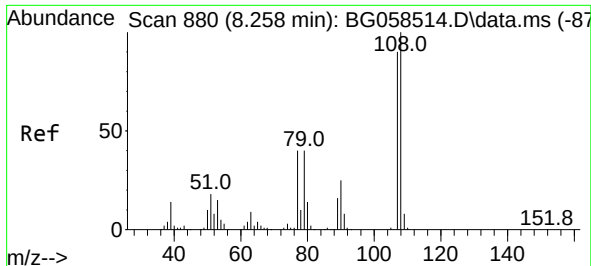
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.887 ng m
RT: 8.332 min Scan# 892
Delta R.T. -0.014 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion: 45 Resp: 237221
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.6
79 8.7 0.0 30.2





#17

2-Methylphenol

Concen: 43.090 ng

RT: 8.261 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

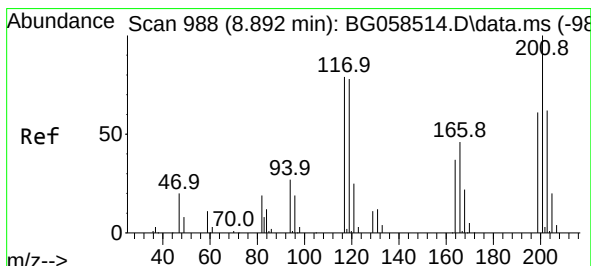
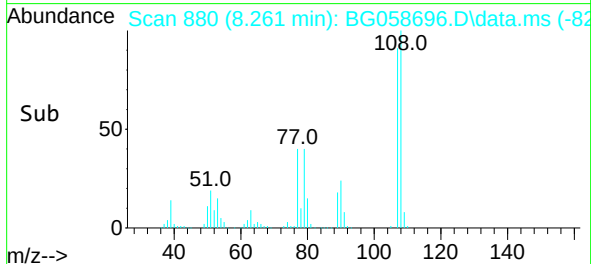
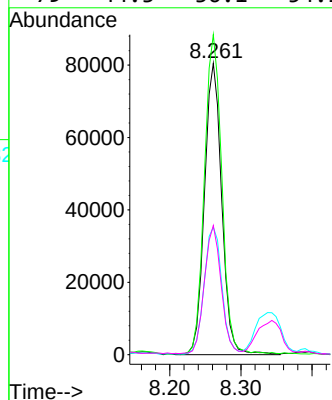
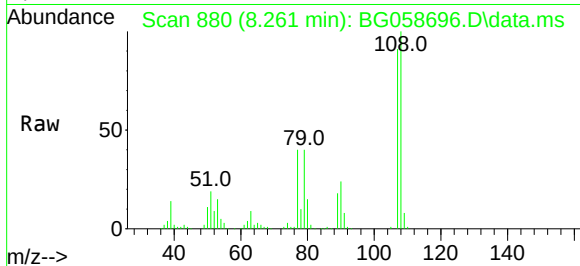
Tgt Ion:	107	Resp:	136080
Ion Ratio	Lower	Upper	
107	100		
108	109.8	89.1	133.7
77	43.8	36.2	54.4
79	44.3	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#18

Hexachloroethane

Concen: 42.478 ng

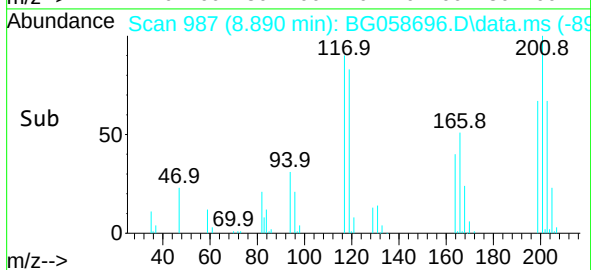
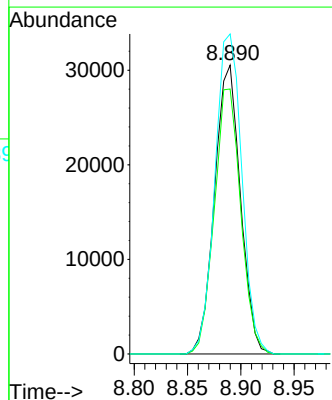
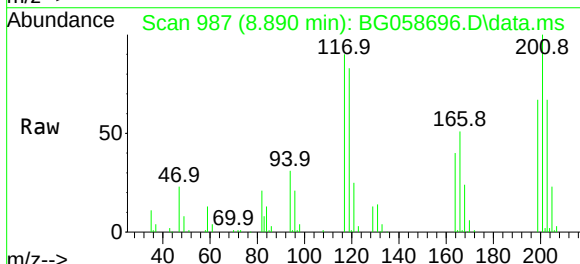
RT: 8.890 min Scan# 987

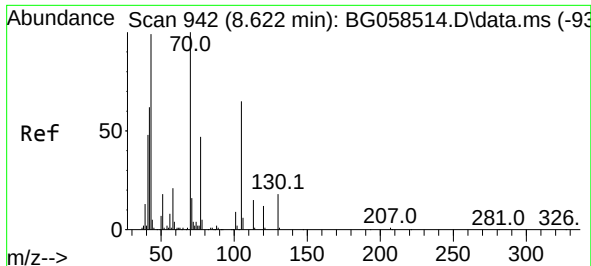
Delta R.T. -0.002 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Tgt Ion:	117	Resp:	51604
Ion Ratio	Lower	Upper	
117	100		
119	91.7	78.6	117.8
201	110.8	101.4	152.0





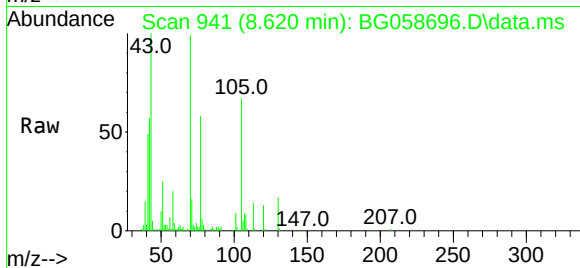
#19
n-Nitroso-di-n-propylamine
Concen: 40.800 ng
RT: 8.620 min Scan# 942
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

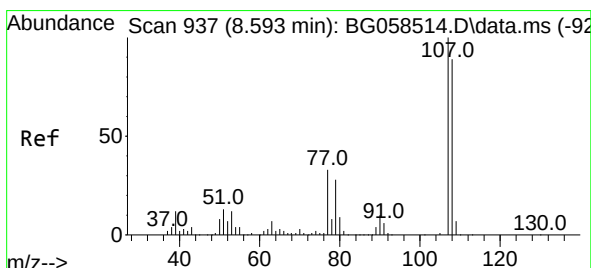
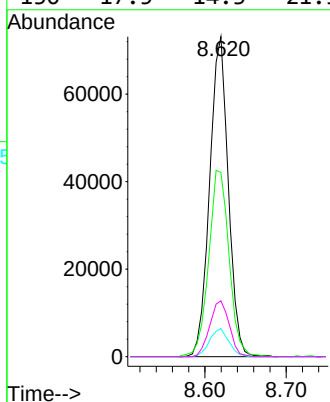
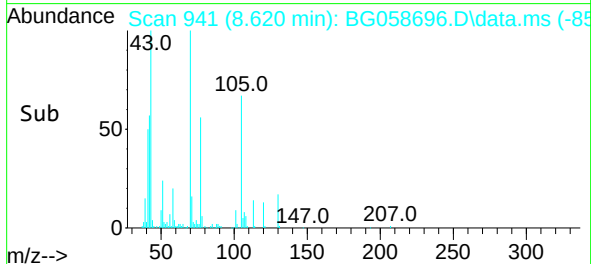
PB154717BS



Tgt Ion: 70 Resp: 116520
Ion Ratio Lower Upper
70 100
42 57.6 49.7 74.5
101 8.8 7.0 10.4
130 17.5 14.3 21.5

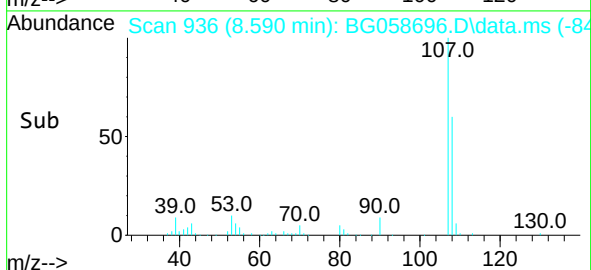
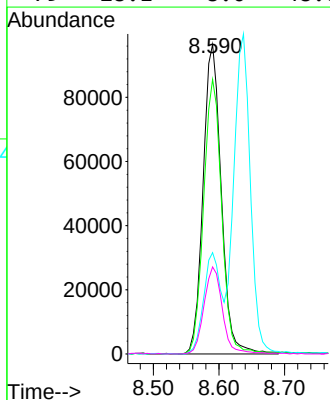
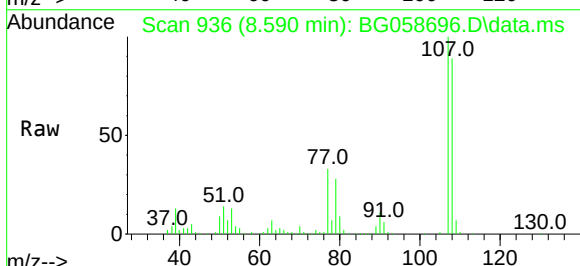
Manual Integrations
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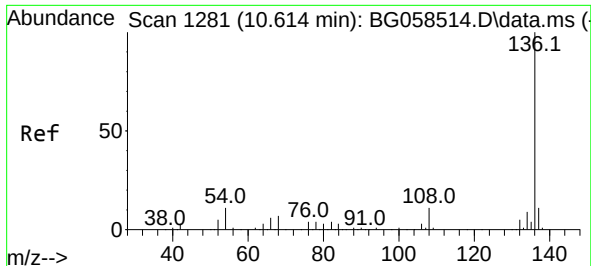
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#20
3+4-Methylphenols
Concen: 43.589 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:107 Resp: 186207
Ion Ratio Lower Upper
107 100
108 88.7 69.4 109.4
77 32.7 13.0 53.0
79 28.1 8.0 48.0





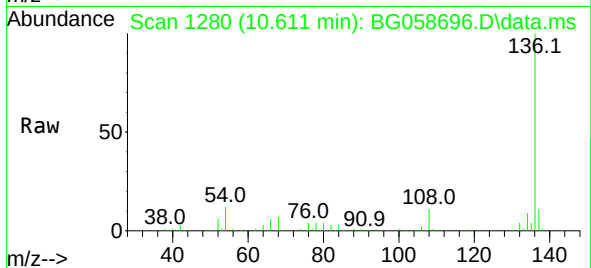
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS



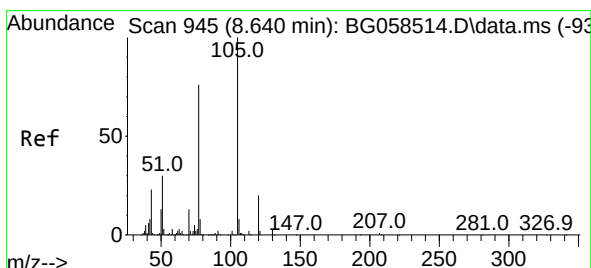
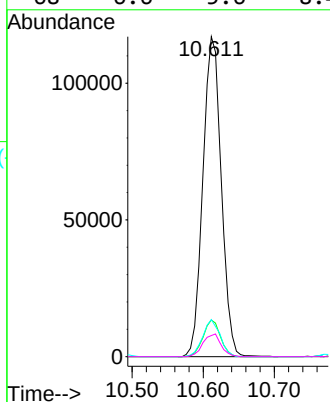
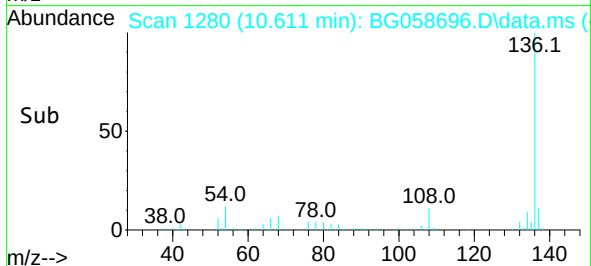
Tgt Ion:136 Resp: 210690
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 11.6 8.9 13.3
68 6.6 5.6 8.4

Manual Integrations

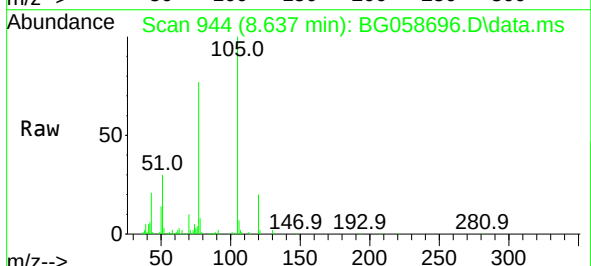
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

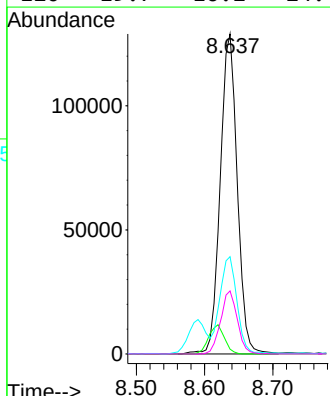
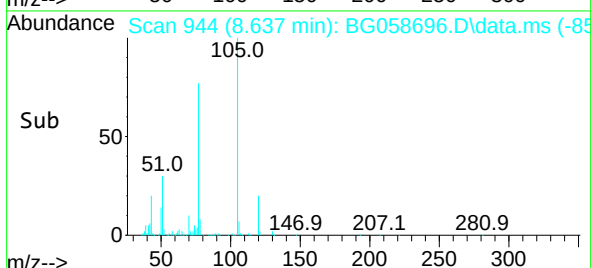
Supervised By :mohammad ahmed 08/12/2023

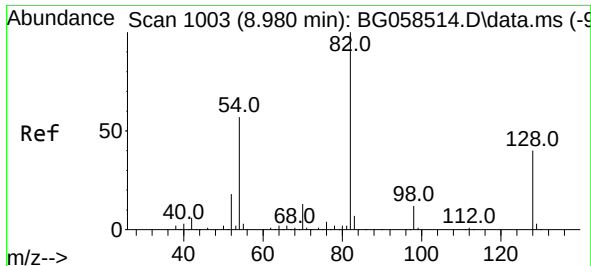


#22
Acetophenone
Concen: 39.711 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:105 Resp: 224028
Ion Ratio Lower Upper
105 100
71 1.5 1.8 2.6#
51 30.4 24.2 36.2
120 19.7 16.2 24.4





#23

Nitrobenzene-d5

Concen: 72.735 ng

RT: 8.978 min Scan# 1003

Delta R.T. -0.002 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

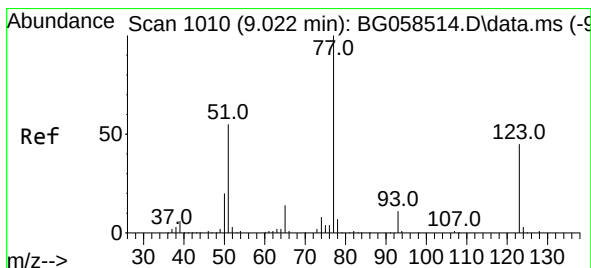
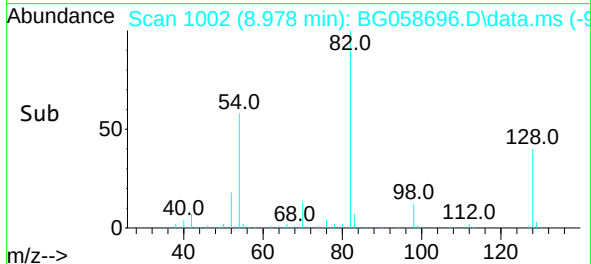
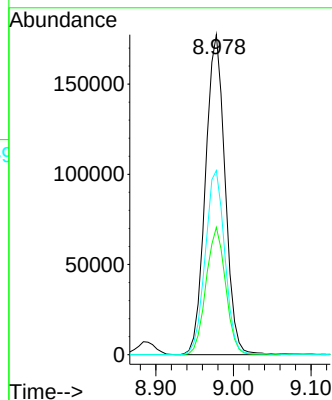
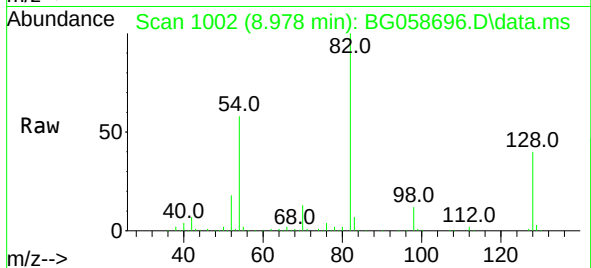
PB154717BS

Tgt Ion: 82 Resp: 311949
 Ion Ratio Lower Upper
 82 100
 128 39.8 32.2 48.2
 54 57.5 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/12/2023



#24

Nitrobenzene

Concen: 39.102 ng

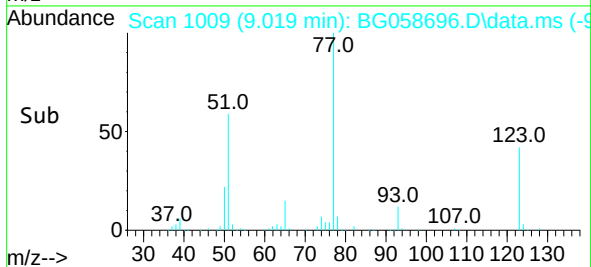
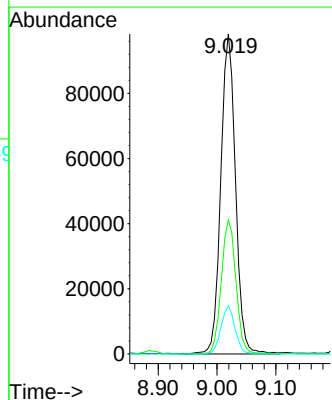
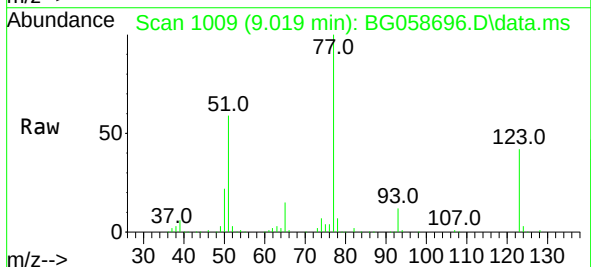
RT: 9.019 min Scan# 1009

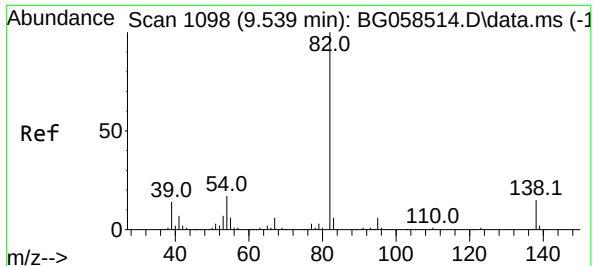
Delta R.T. -0.002 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Tgt Ion: 77 Resp: 170492
 Ion Ratio Lower Upper
 77 100
 123 41.9 35.6 53.4
 65 15.1 11.4 17.0





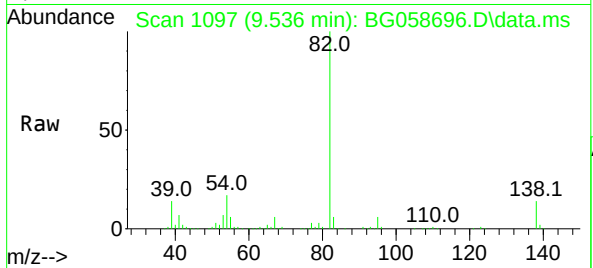
#25
Isophorone
Concen: 38.117 ng
RT: 9.536 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

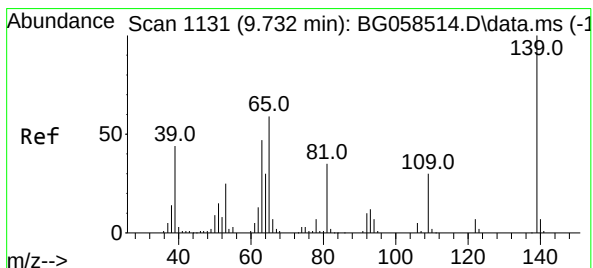
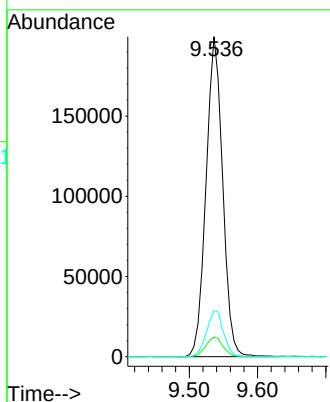


Tgt Ion: 82 Resp: 337770
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 14.4 11.9 17.9

Manual Integrations

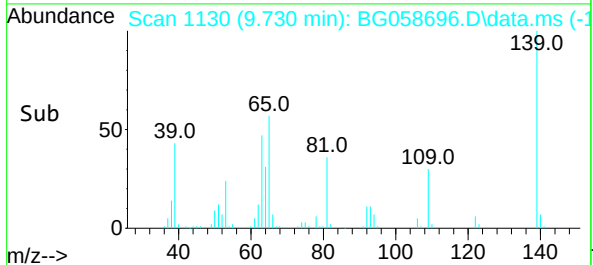
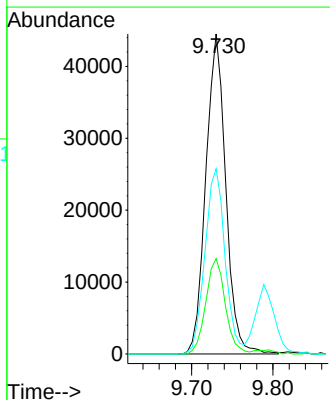
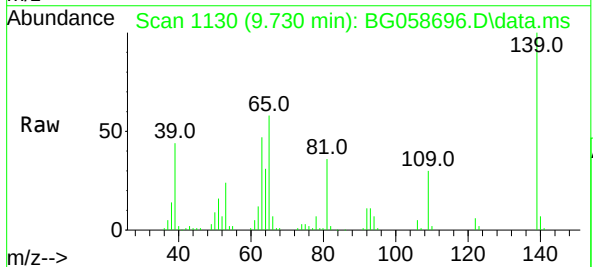
APPROVED

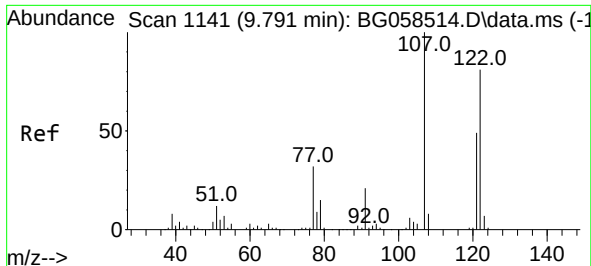
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#26
2-Nitrophenol
Concen: 39.931 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:139 Resp: 75787
Ion Ratio Lower Upper
139 100
109 29.8 24.2 36.2
65 57.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.703 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

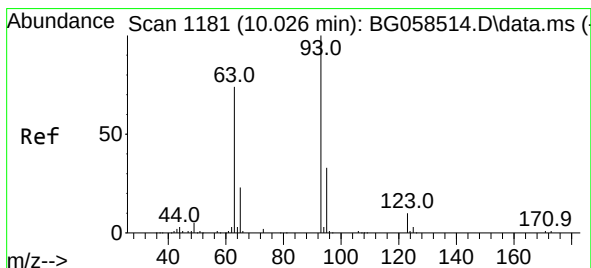
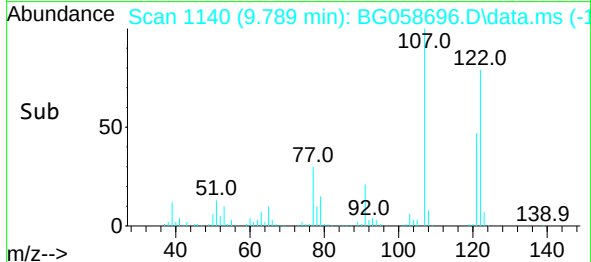
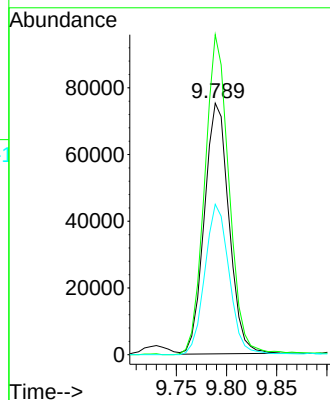
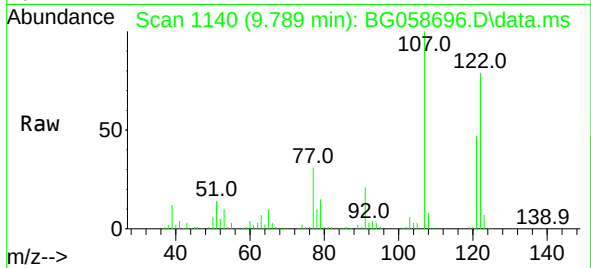
Tgt Ion:	122	Resp:	12814
Ion Ratio	Lower	Upper	
122	100		
107	127.2	98.0	147.0
121	59.8	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.094 ng

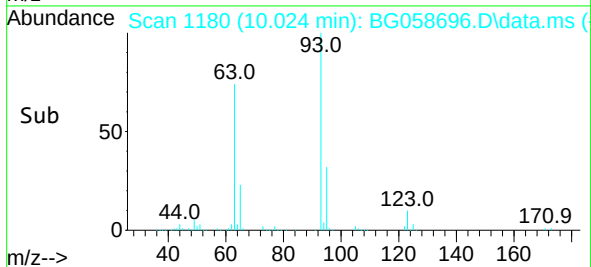
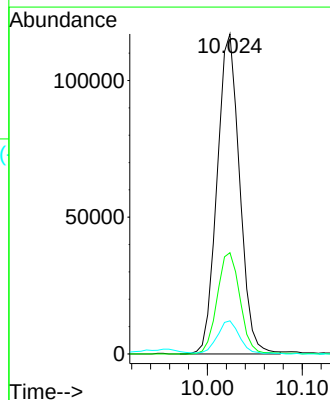
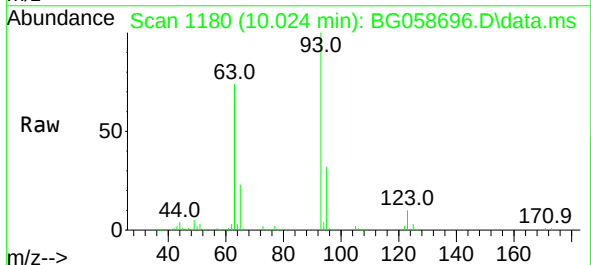
RT: 10.024 min Scan# 1180

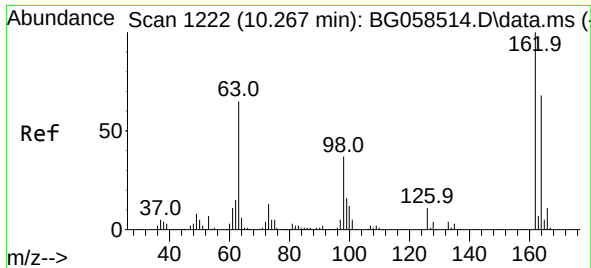
Delta R.T. -0.002 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Tgt Ion:	93	Resp:	193354
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.0	39.0
123	10.3	7.8	11.8





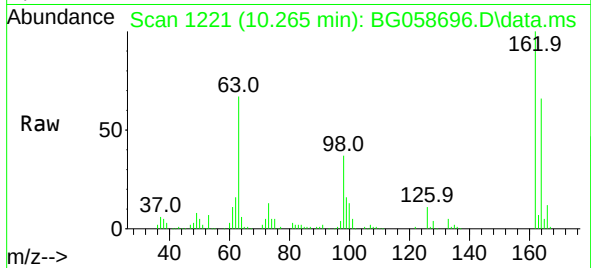
#29
2,4-Dichlorophenol
Concen: 42.911 ng
RT: 10.265 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

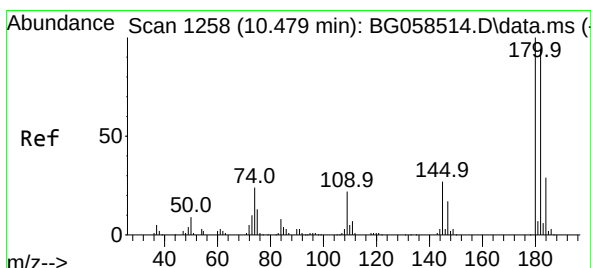
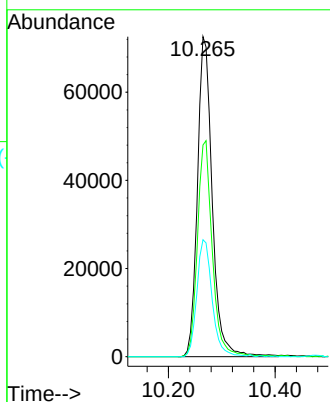
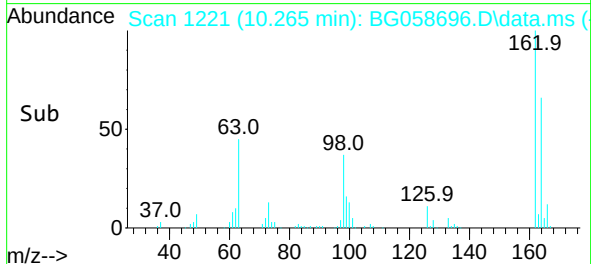


Tgt Ion:162 Resp: 140265
Ion Ratio Lower Upper
162 100
164 66.1 47.6 87.6
98 36.5 17.1 57.1

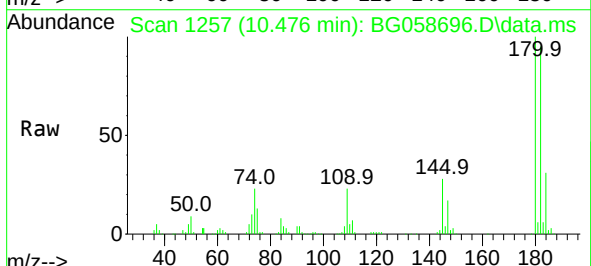
Manual Integrations

APPROVED

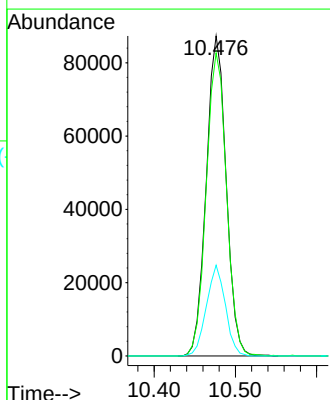
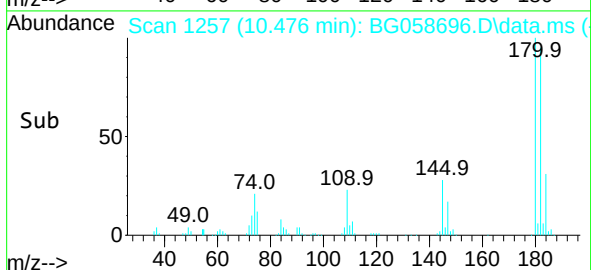
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

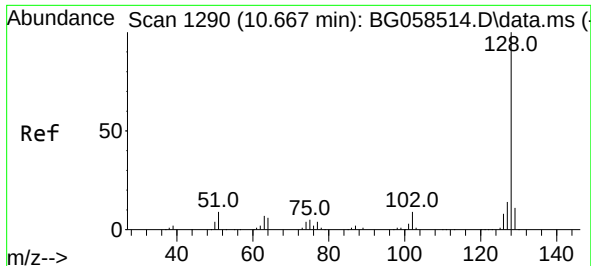


#30
1,2,4-Trichlorobenzene
Concen: 39.383 ng
RT: 10.476 min Scan# 1257
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:180 Resp: 148463
Ion Ratio Lower Upper
180 100
182 94.7 75.0 112.4
145 28.4 21.9 32.9





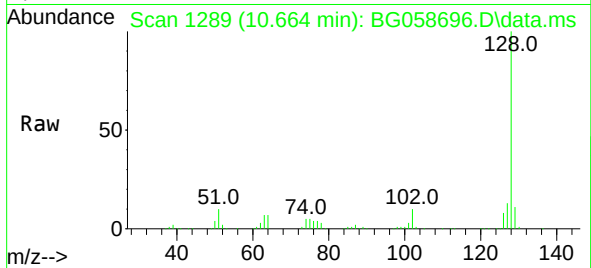
#31
Naphthalene
Concen: 38.661 ng
RT: 10.664 min Scan# 1169
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

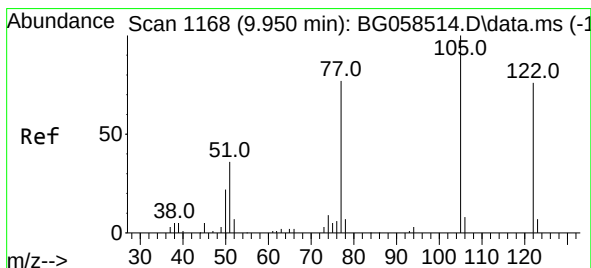
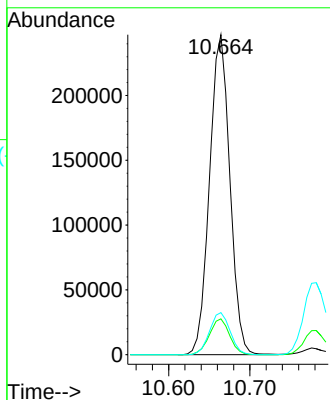
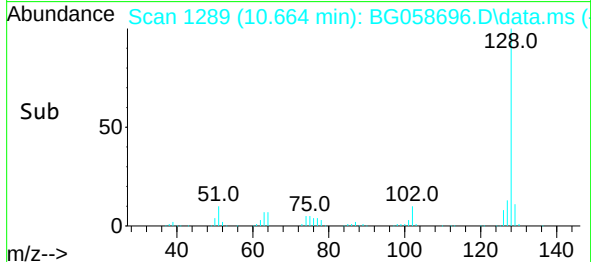


Tgt Ion:128 Resp: 429314
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3

Manual Integrations

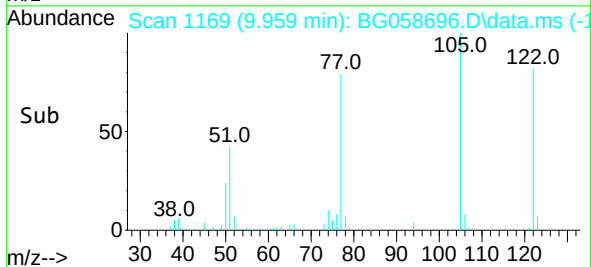
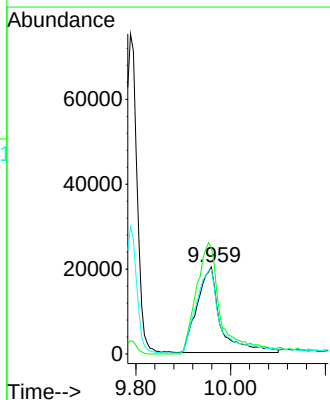
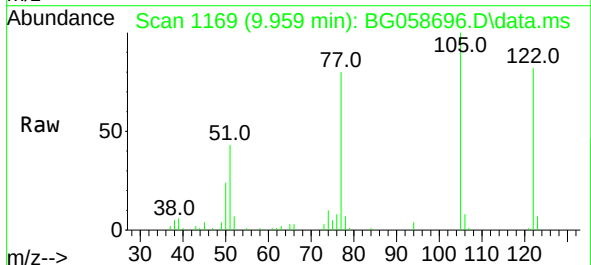
APPROVED

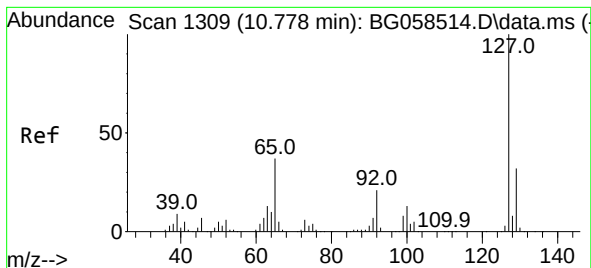
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#32
Benzoic acid
Concen: 30.505 ng
RT: 9.959 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:122 Resp: 68898
Ion Ratio Lower Upper
122 100
105 122.1 106.5 146.5
77 97.4 78.1 118.1





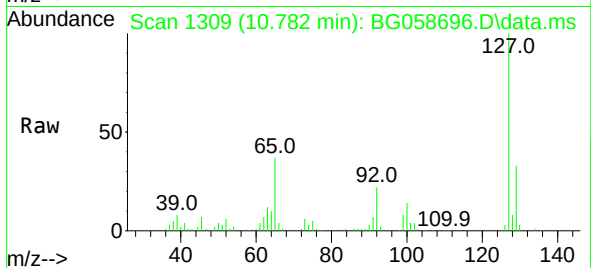
#33
4-Chloroaniline
Concen: 25.064 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

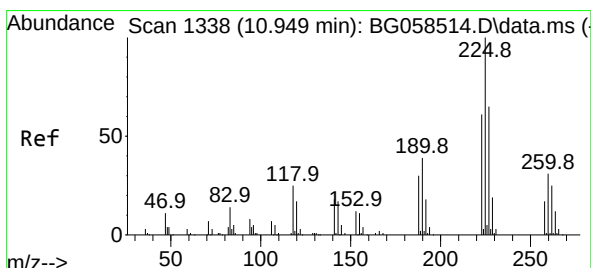
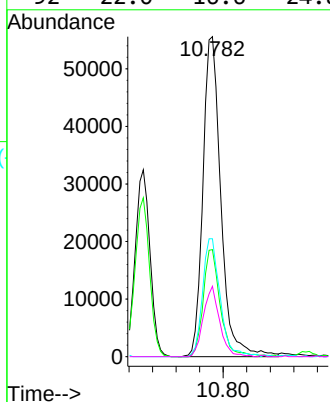
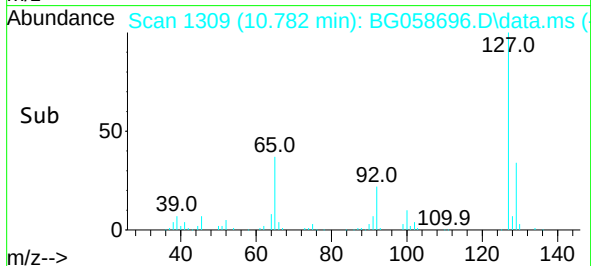


Tgt Ion:	127	Resp:	11759
Ion Ratio	Lower	Upper	
127	100		
129	33.5	25.4	38.2
65	36.8	29.5	44.3
92	22.0	16.6	24.8

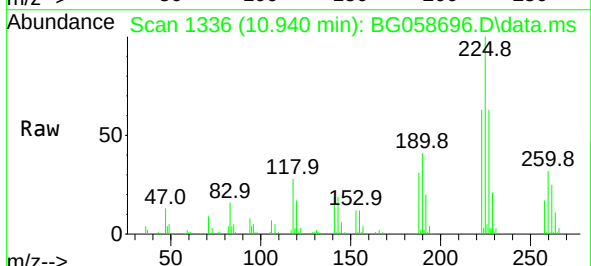
Manual Integrations

APPROVED

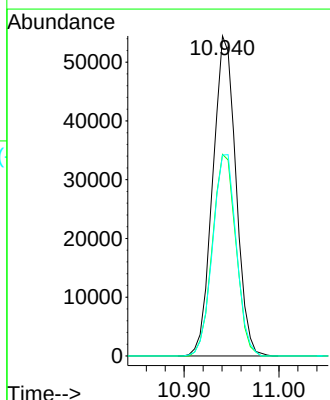
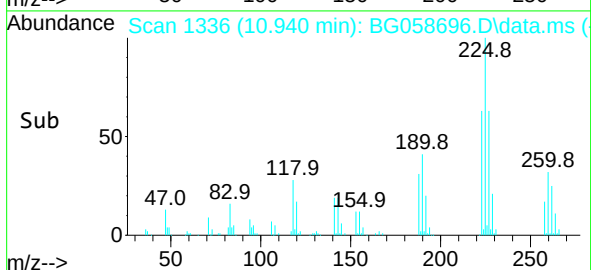
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

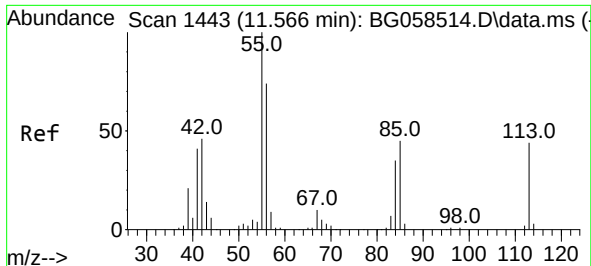


#34
Hexachlorobutadiene
Concen: 38.071 ng
RT: 10.940 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:	225	Resp:	92423
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.0	73.6
227	62.8	51.7	77.5





#35
Caprolactam
Concen: 42.270 ng m
RT: 11.557 min Scan# 14
Delta R.T. -0.008 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

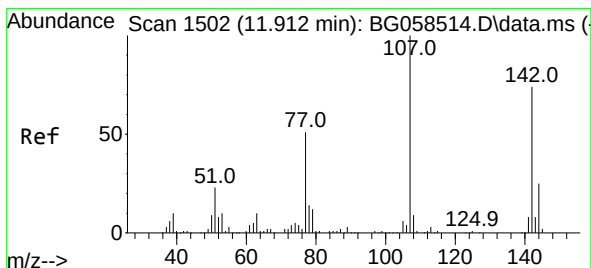
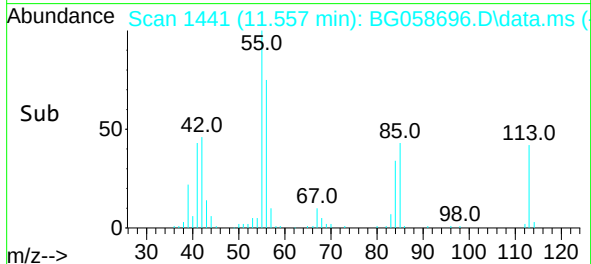
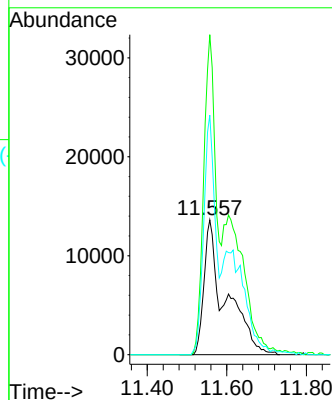
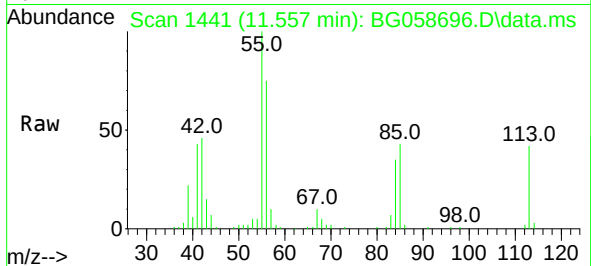
PB154717BS

Tgt Ion:113 Resp: 5102
Ion Ratio Lower Upper
113 100
55 237.6 208.0 248.0
56 177.8 148.6 188.6

Manual Integrations

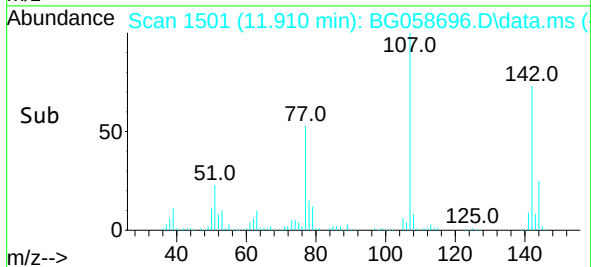
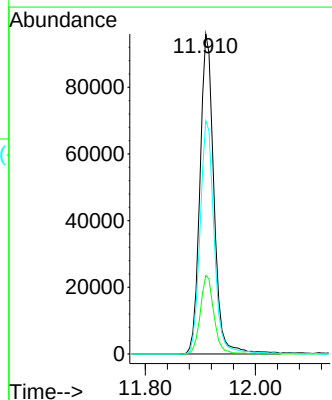
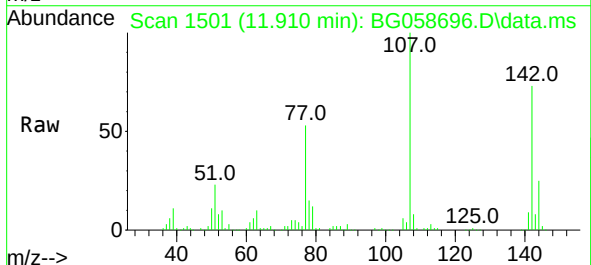
APPROVED

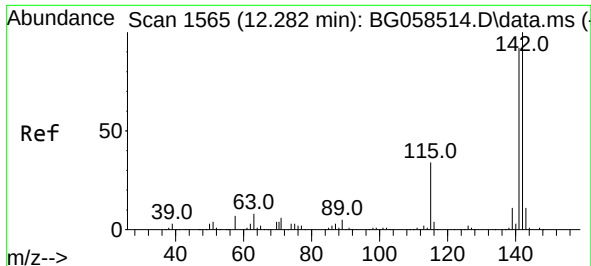
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#36
4-Chloro-3-methylphenol
Concen: 41.893 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:107 Resp: 169397
Ion Ratio Lower Upper
107 100
144 24.5 19.6 29.4
142 72.9 59.3 88.9





#37

2-Methylnaphthalene

Concen: 37.665 ng

RT: 12.274 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

Tgt Ion:142 Resp: 299180

Ion Ratio Lower Upper

142 100

141 86.5 73.5 110.3

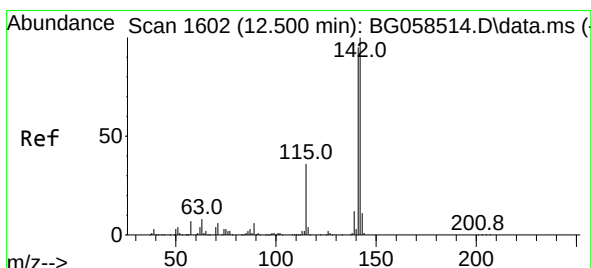
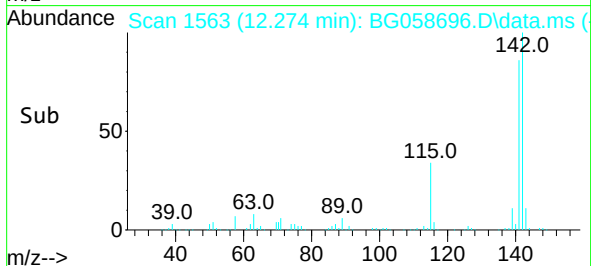
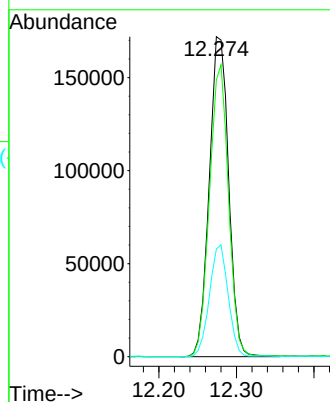
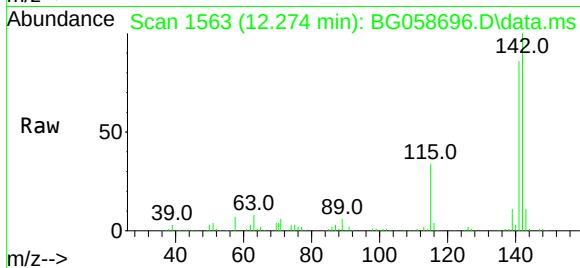
115 33.6 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#38

1-Methylnaphthalene

Concen: 37.969 ng

RT: 12.497 min Scan# 1601

Delta R.T. -0.002 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

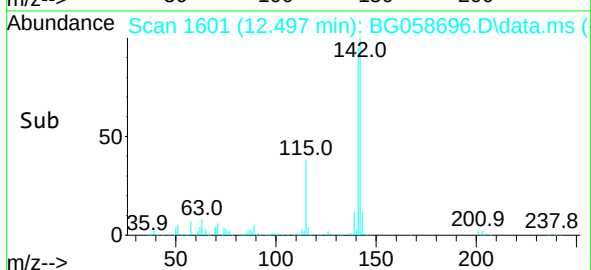
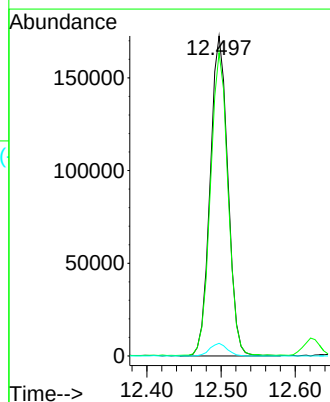
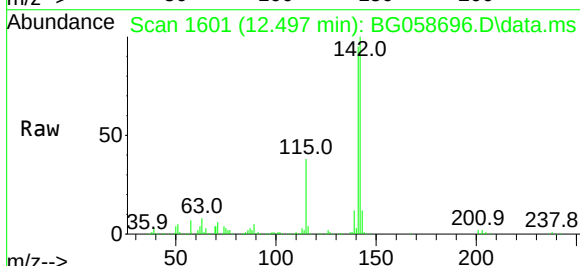
Tgt Ion:142 Resp: 286696

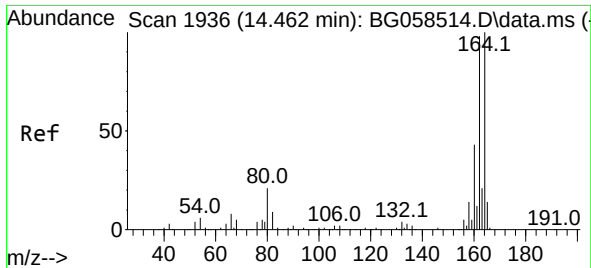
Ion Ratio Lower Upper

142 100

141 94.7 75.7 113.5

116 4.0 3.2 4.8





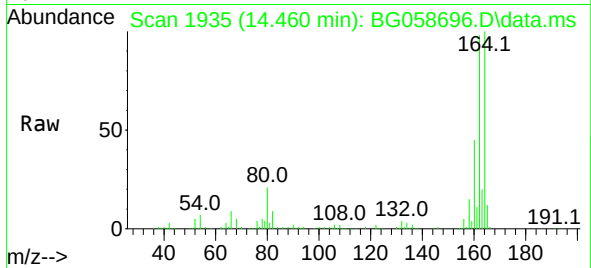
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

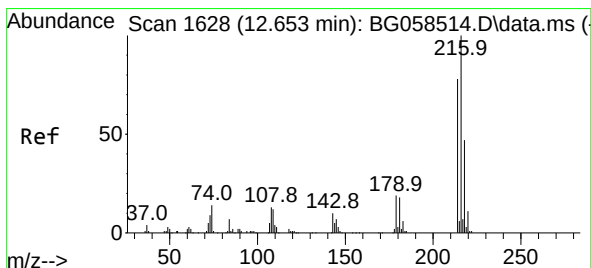
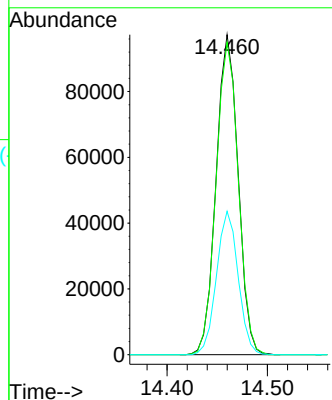
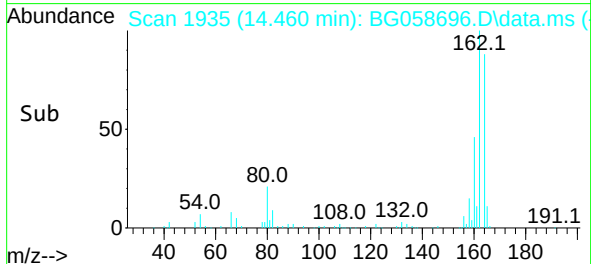


Tgt Ion:164 Resp: 147915
Ion Ratio Lower Upper
164 100
162 97.6 78.3 117.5
160 44.8 34.1 51.1

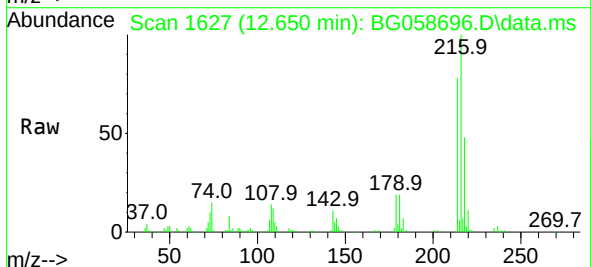
Manual Integrations

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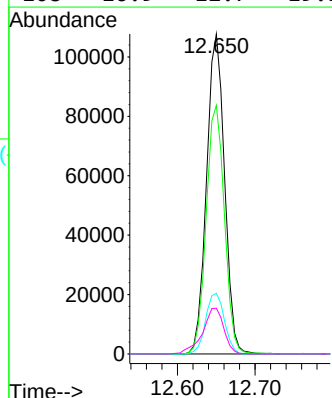
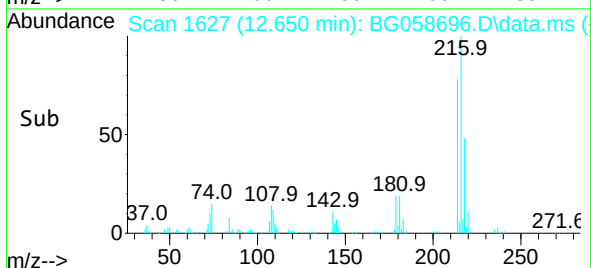
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

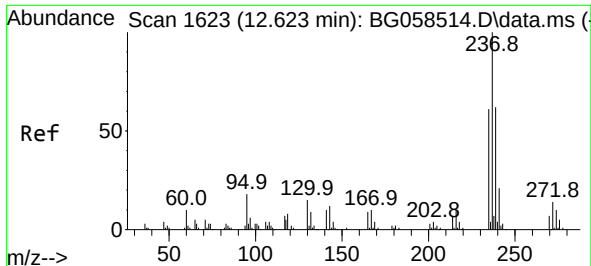


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.351 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



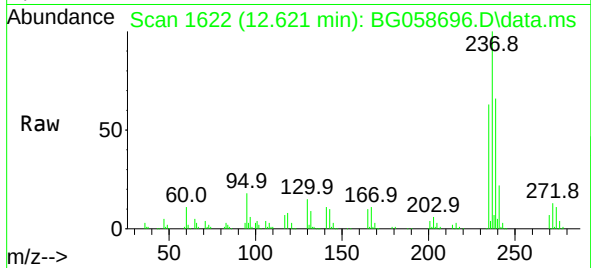
Tgt Ion:216 Resp: 174155
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 19.7 15.6 23.4
108 16.9 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 69.633 ng
RT: 12.621 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

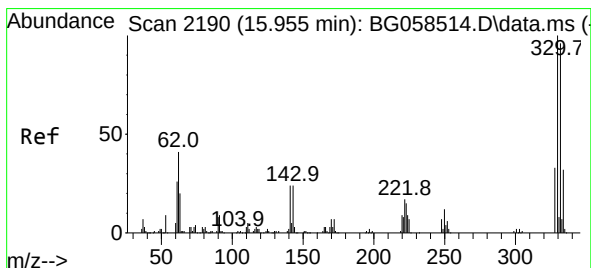
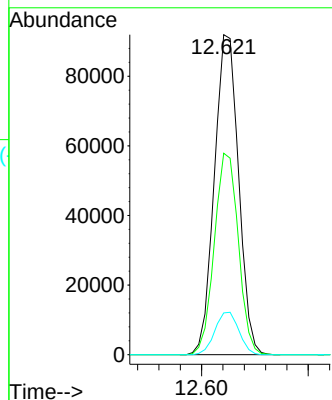
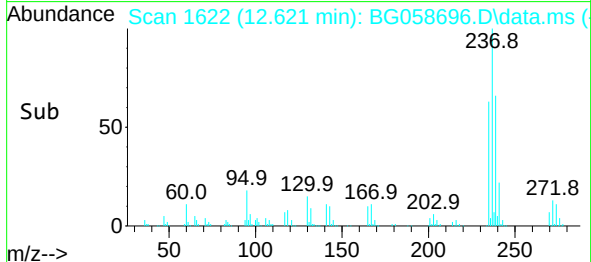
Instrument :
BNA_G
ClientSampleId :
PB154717BS



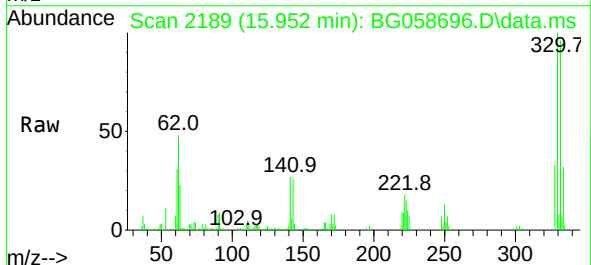
Tgt Ion:237 Resp: 144835
Ion Ratio Lower Upper
237 100
235 62.9 41.0 81.0
272 13.1 0.0 33.6

Manual Integrations
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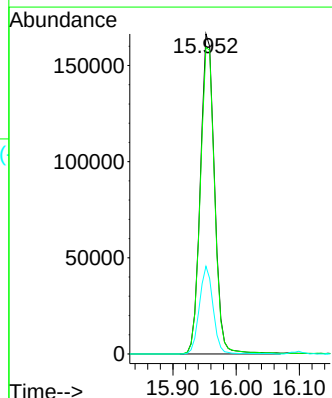
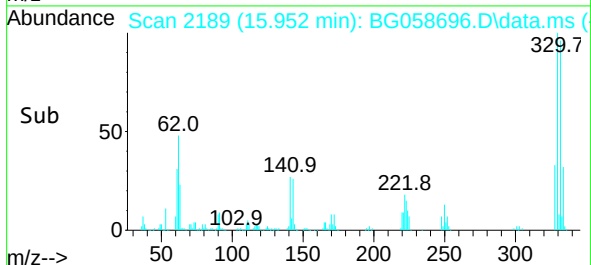
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

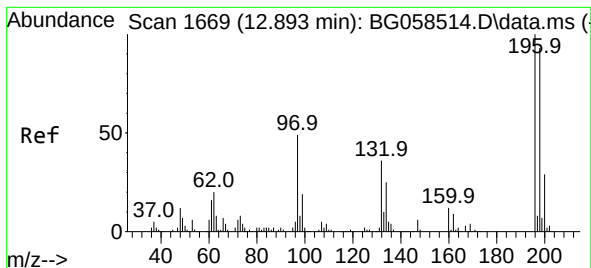


#42
2,4,6-Tribromophenol
Concen: 106.632 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



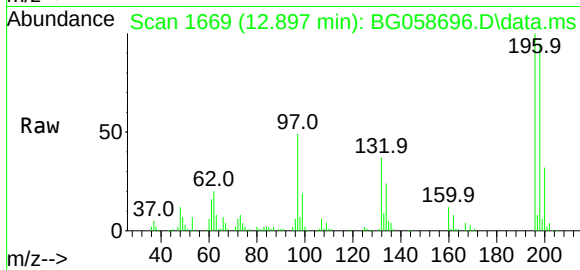
Tgt Ion:330 Resp: 258519
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 26.5 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 39.671 ng
RT: 12.897 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

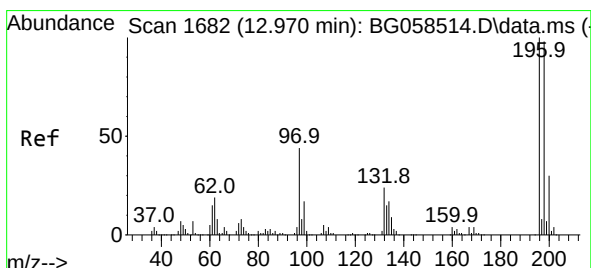
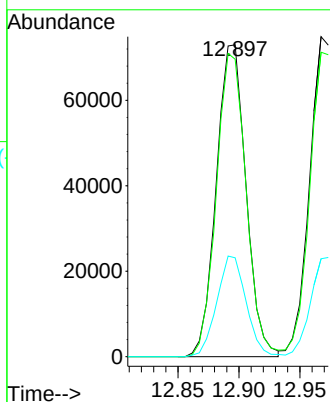
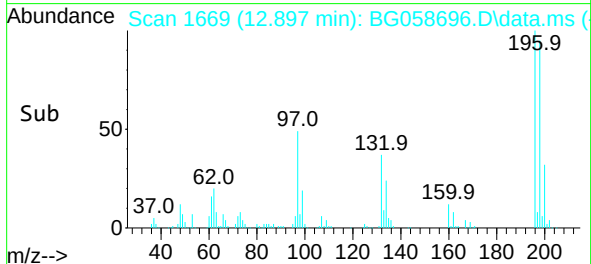
Instrument :
BNA_G
ClientSampleId :
PB154717BS



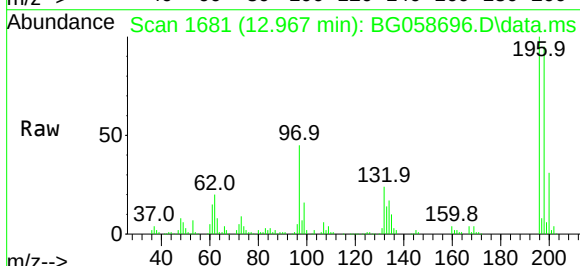
Tgt Ion:196 Resp: 123910
Ion Ratio Lower Upper
196 100
198 95.4 74.2 111.4
200 31.7 22.9 34.3

Manual Integrations
APPROVED

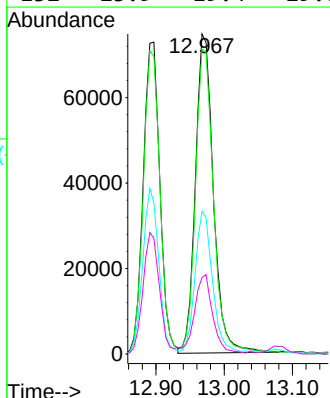
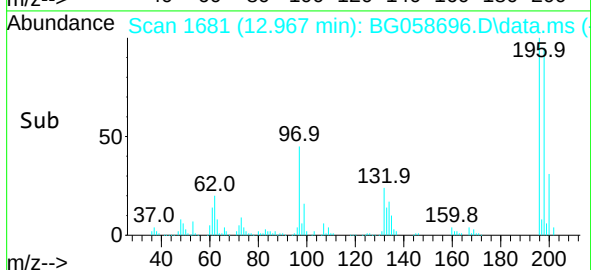
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

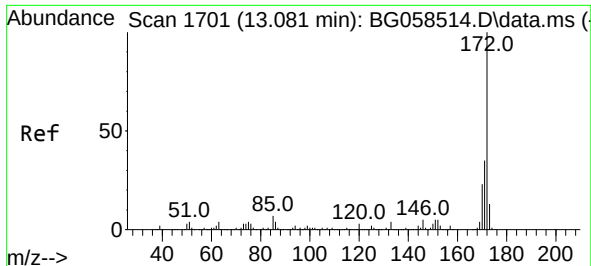


#44
2,4,5-Trichlorophenol
Concen: 37.155 ng
RT: 12.967 min Scan# 1681
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:196 Resp: 136690
Ion Ratio Lower Upper
196 100
198 95.1 78.3 117.5
97 44.6 35.2 52.8
132 23.9 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 71.989 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

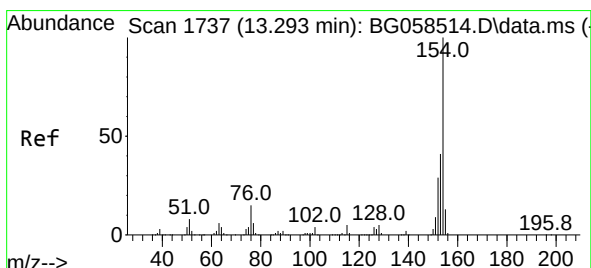
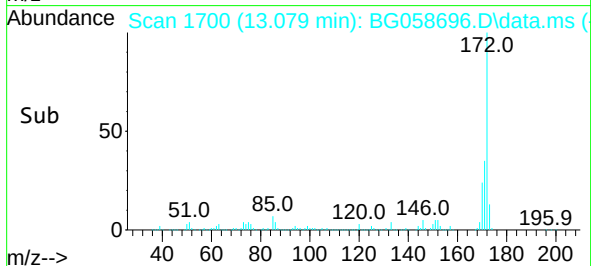
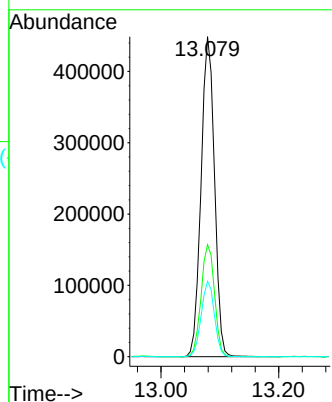
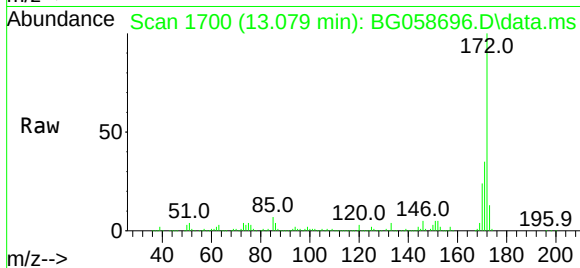
PB154717BS

Tgt Ion:172 Resp: 710538
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.5 18.4 27.6

Manual Integrations

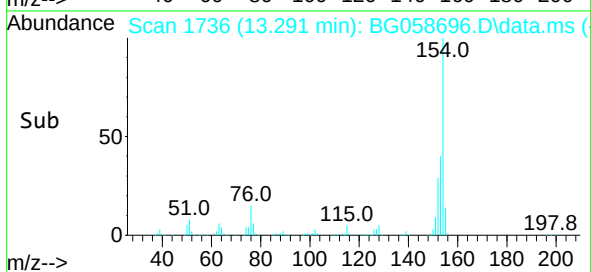
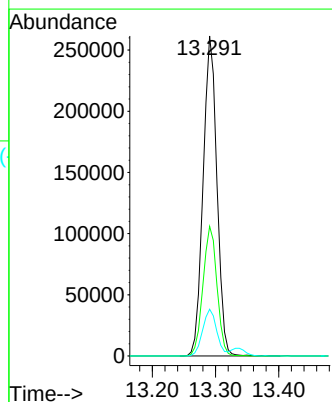
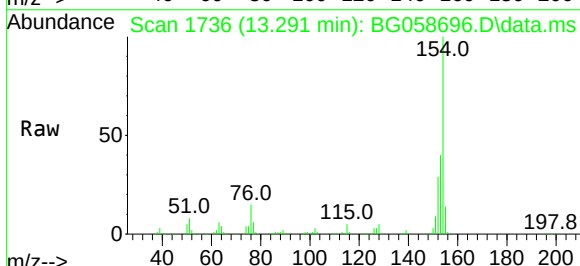
APPROVED

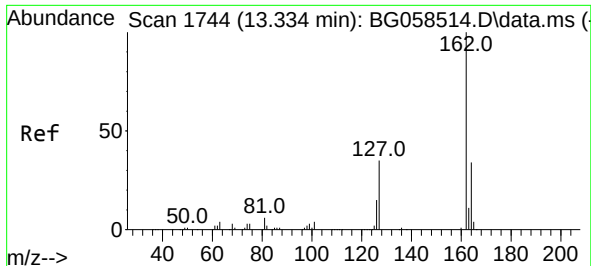
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#46
1,1'-Biphenyl
Concen: 39.065 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:154 Resp: 396823
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 14.6 0.0 34.7





#47
2-Chloronaphthalene
Concen: 40.110 ng
RT: 13.338 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

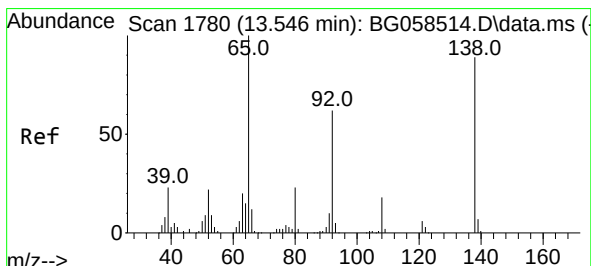
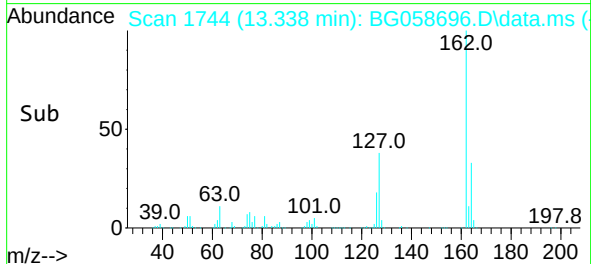
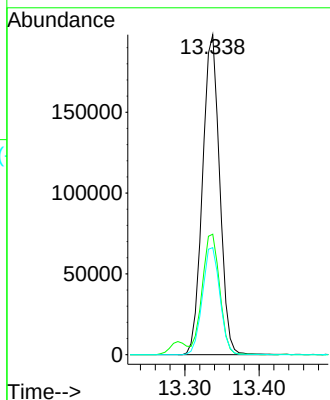
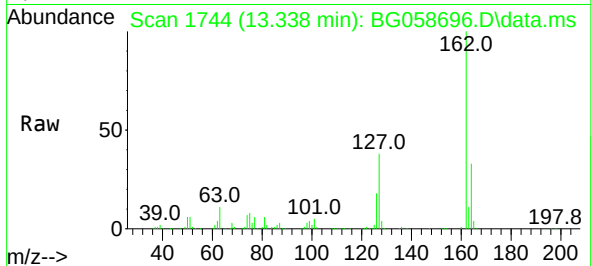
ClientSampleId :

PB154717BS

Tgt Ion:162 Resp: 31768
Ion Ratio Lower Upper
162 100
127 37.7 30.9 46.3
164 33.5 27.2 40.8

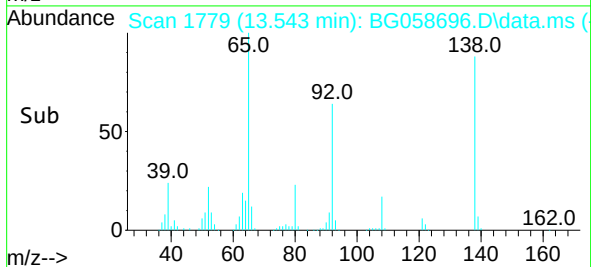
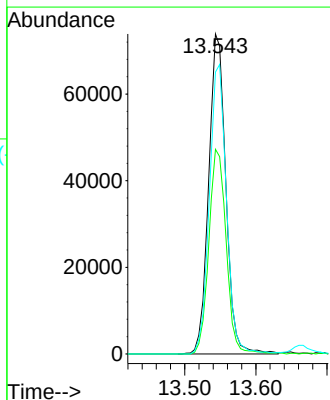
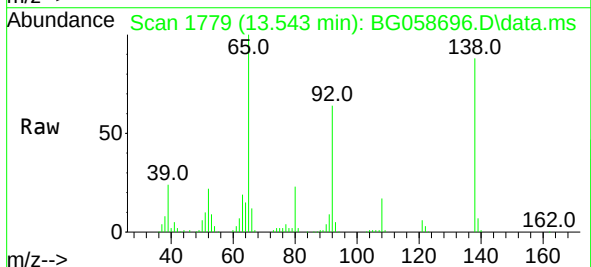
Manual Integrations
APPROVED

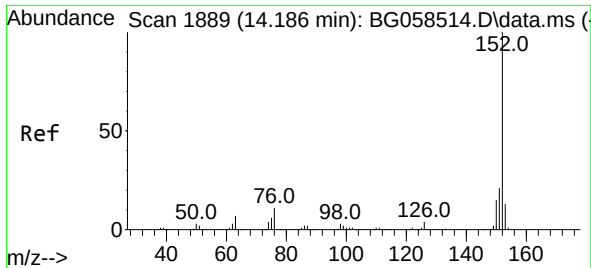
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#48
2-Nitroaniline
Concen: 41.088 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion: 65 Resp: 124213
Ion Ratio Lower Upper
65 100
92 64.0 49.2 73.8
138 88.1 71.5 107.3





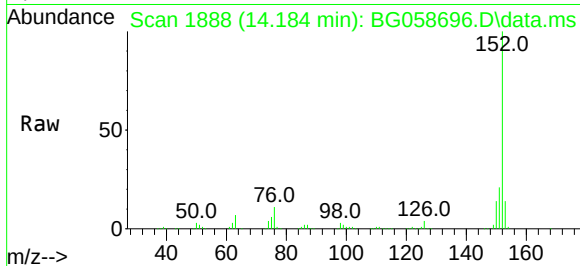
#49
Acenaphthylene
Concen: 40.244 ng
RT: 14.184 min Scan# 1889
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

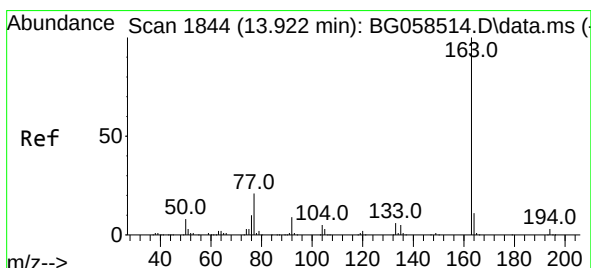
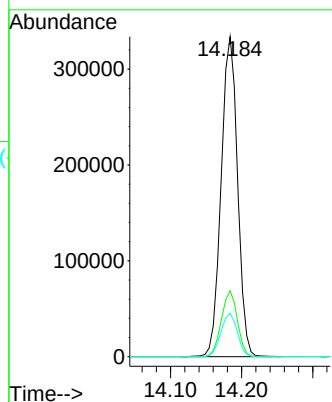
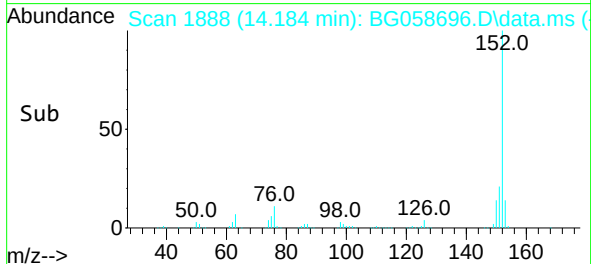


Tgt Ion:152 Resp: 533650
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.5 10.7 16.1

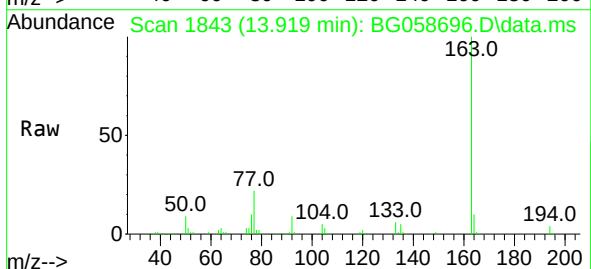
Manual Integrations

APPROVED

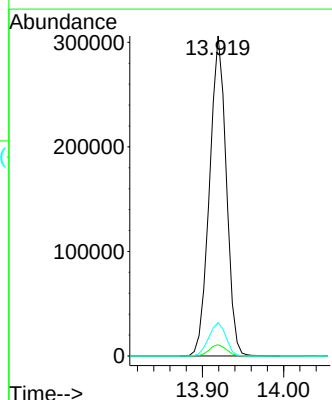
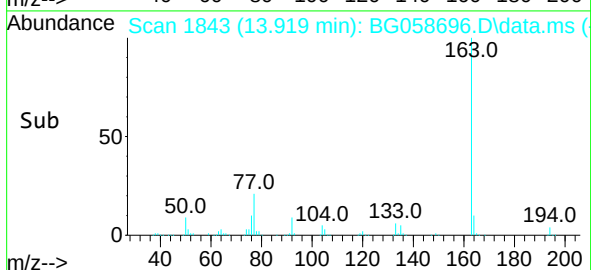
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

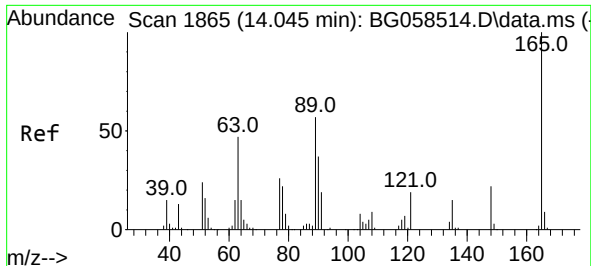


#50
Dimethylphthalate
Concen: 39.375 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:163 Resp: 437404
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 40.095 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

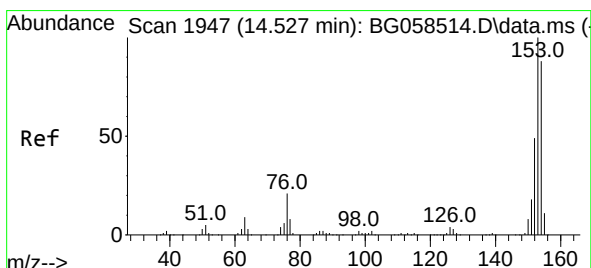
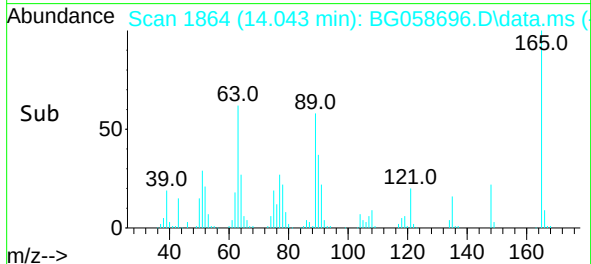
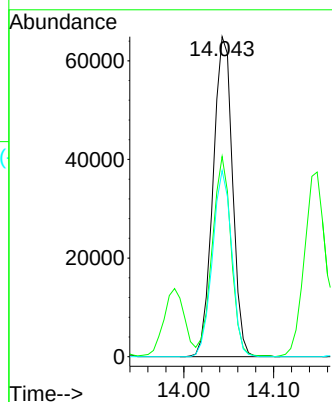
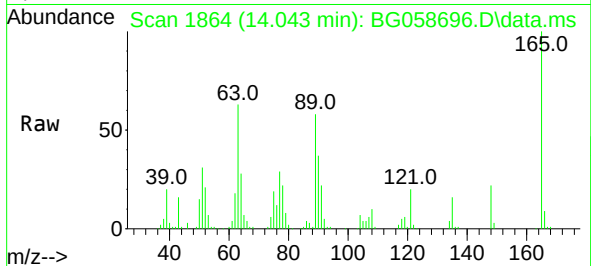
ClientSampleId :

PB154717BS

Tgt Ion:165 Resp: 97728
Ion Ratio Lower Upper
165 100
63 62.5 46.4 69.6
89 58.1 45.3 67.9

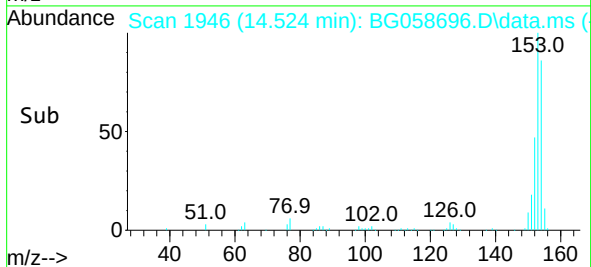
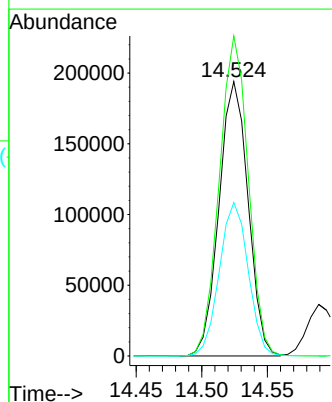
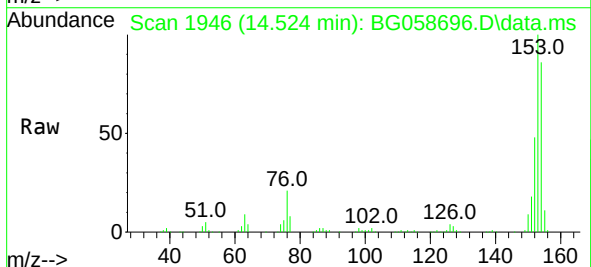
Manual Integrations
APPROVED

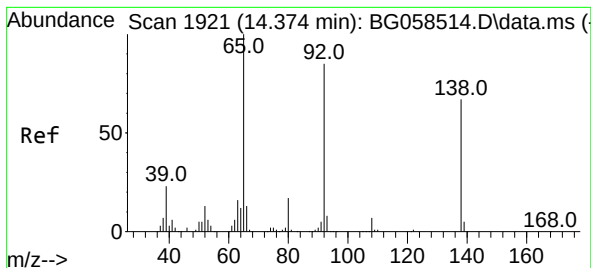
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#52
Acenaphthene
Concen: 38.960 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

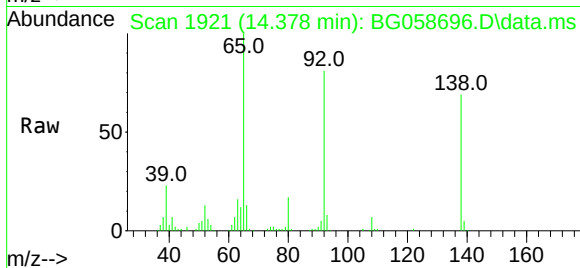
Tgt Ion:154 Resp: 298515
Ion Ratio Lower Upper
154 100
153 116.6 91.1 136.7
152 55.9 44.6 66.8





#53
3-Nitroaniline
Concen: 30.073 ng
RT: 14.378 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

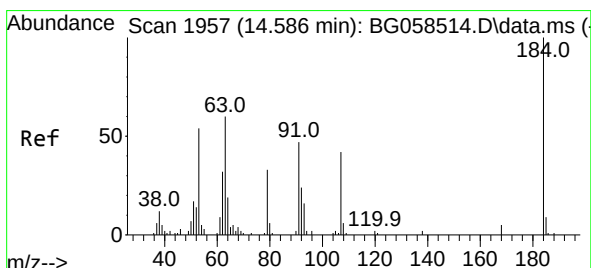
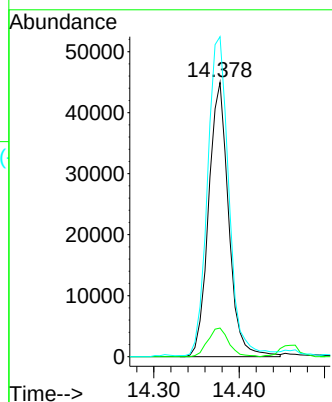
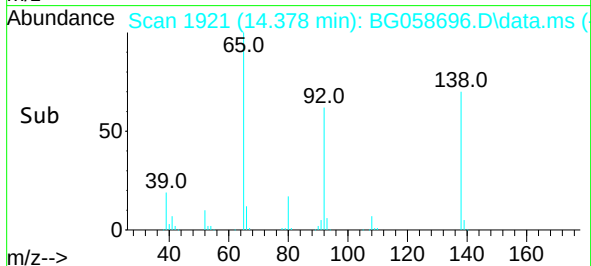
Instrument :
BNA_G
ClientSampleId :
PB154717BS



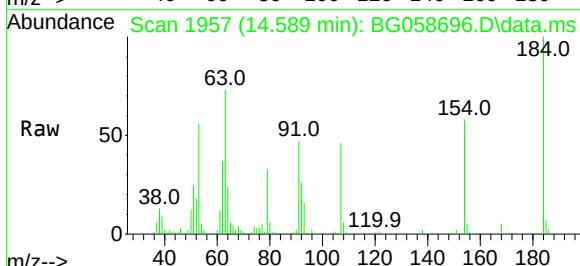
Tgt Ion:138 Resp: 73338
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 116.7 101.1 151.7

Manual Integrations
APPROVED

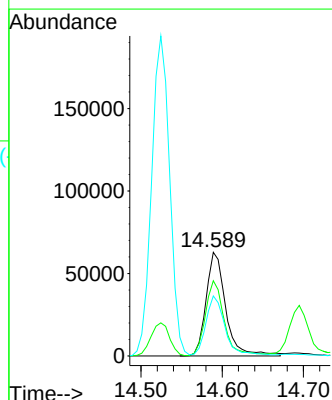
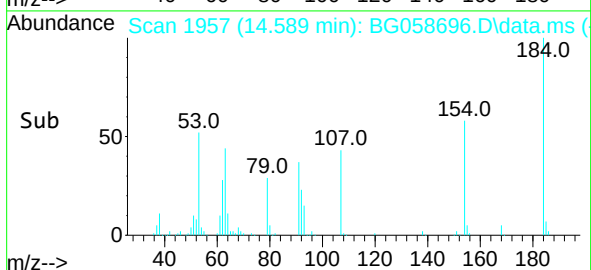
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

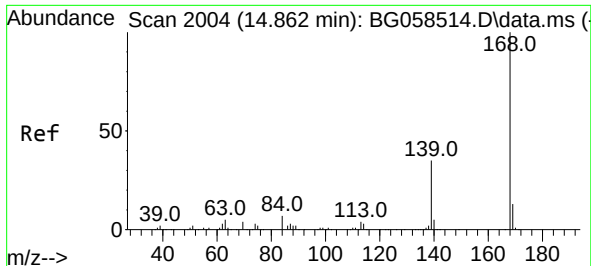


#54
2,4-Dinitrophenol
Concen: 77.094 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:184 Resp: 105518
Ion Ratio Lower Upper
184 100
63 72.6 56.7 85.1
154 57.9 46.1 69.1





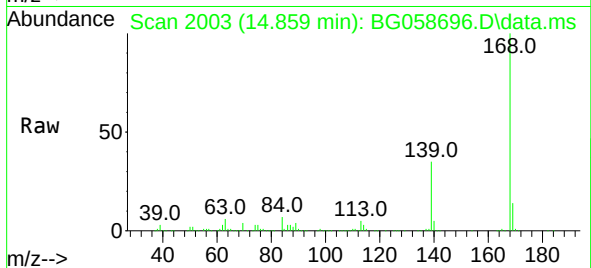
#55
Dibenzofuran
Concen: 38.929 ng
RT: 14.859 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

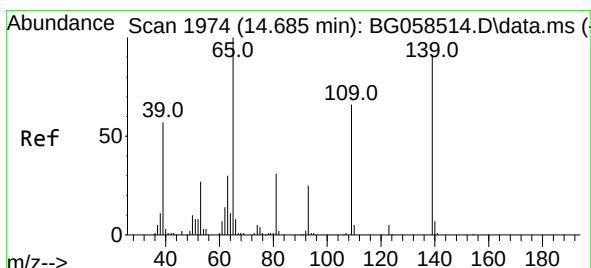
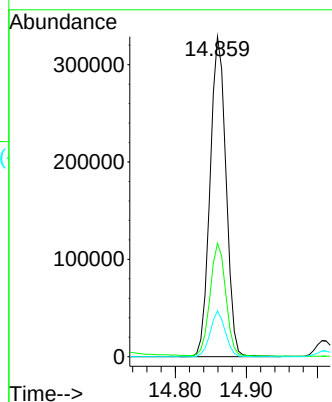
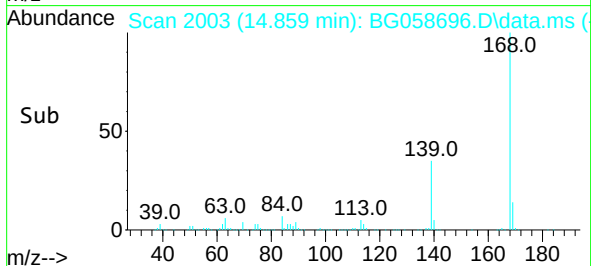


Tgt Ion:168 Resp: 512538
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.8
169 14.4 10.6 16.0

Manual Integrations

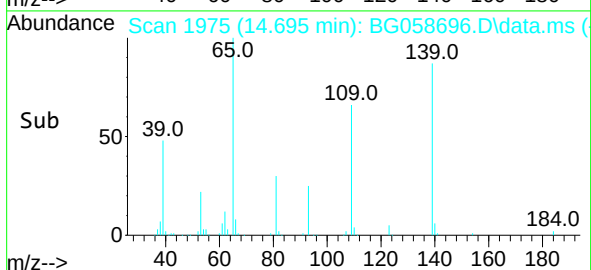
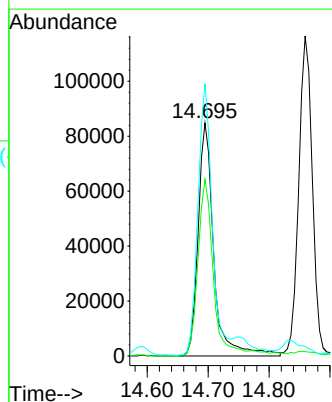
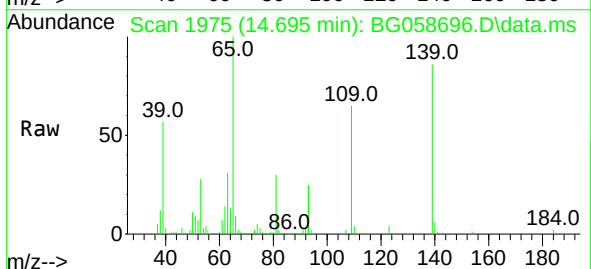
APPROVED

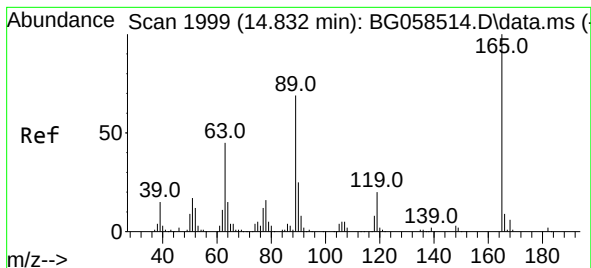
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#56
4-Nitrophenol
Concen: 83.898 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:139 Resp: 151911
Ion Ratio Lower Upper
139 100
109 75.8 52.5 92.5
65 116.9 90.5 130.5





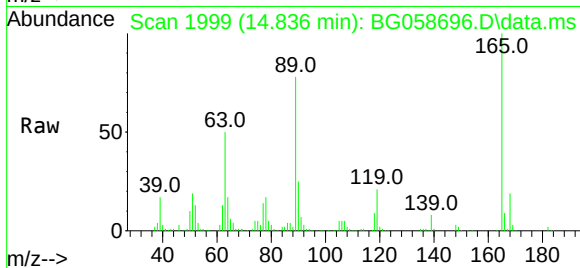
#57
2,4-Dinitrotoluene
Concen: 41.218 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

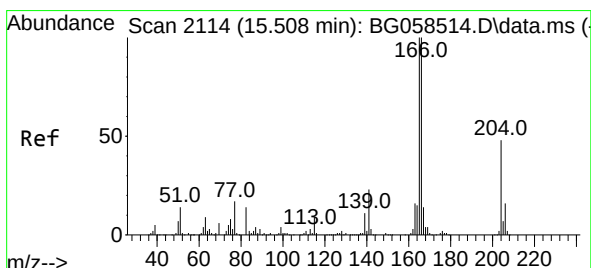
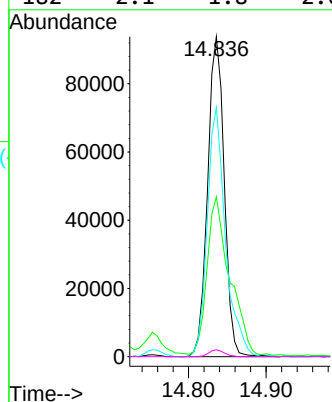
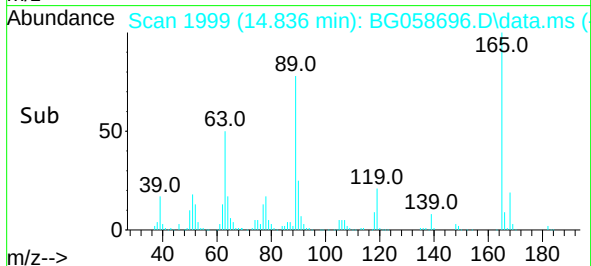


Tgt Ion:165 Resp: 13928
Ion Ratio Lower Upper
165 100
63 49.9 36.6 54.8
89 77.8 55.4 83.0
182 2.1 1.8 2.6

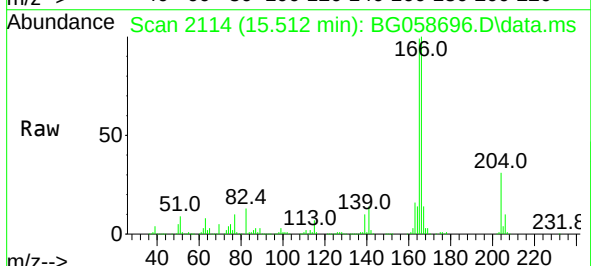
Manual Integrations

APPROVED

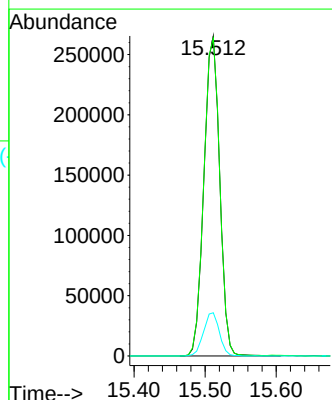
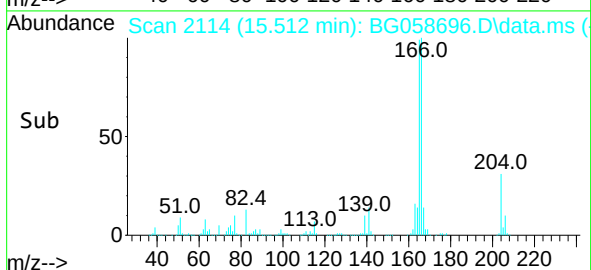
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

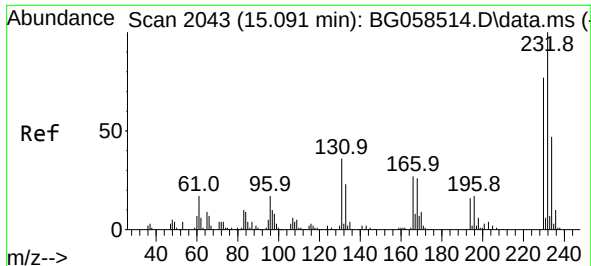


#58
Fluorene
Concen: 39.178 ng
RT: 15.512 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:166 Resp: 409763
Ion Ratio Lower Upper
166 100
165 99.3 80.0 120.0
167 13.5 11.3 16.9





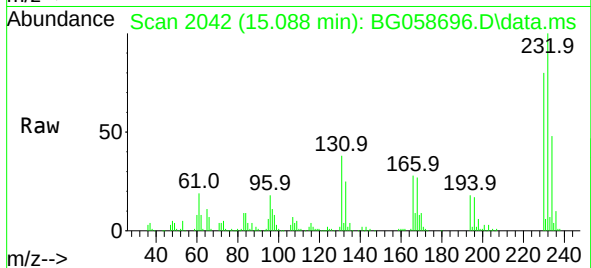
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.895 ng
RT: 15.088 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

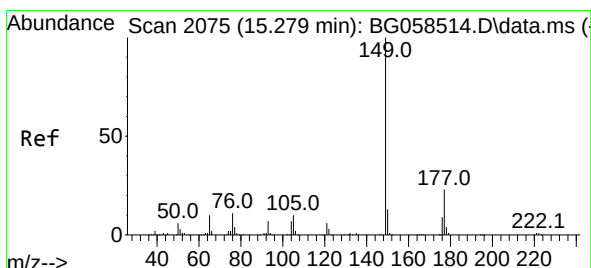
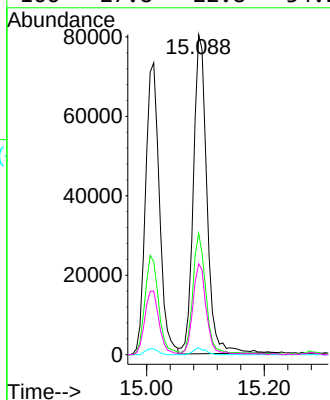
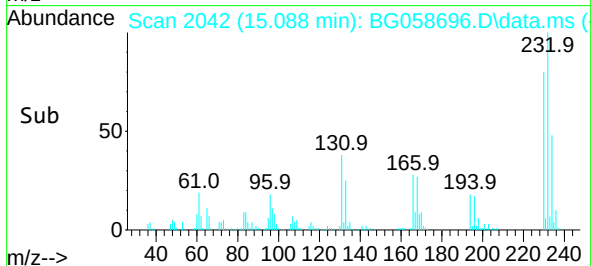


Tgt Ion:232 Resp: 12838
Ion Ratio Lower Upper
232 100
131 35.9 30.0 45.0
130 2.0 1.5 2.3
166 27.8 22.8 34.2

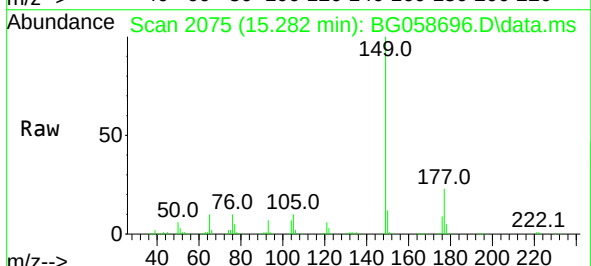
Manual Integrations

APPROVED

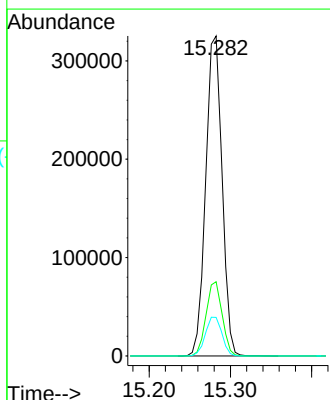
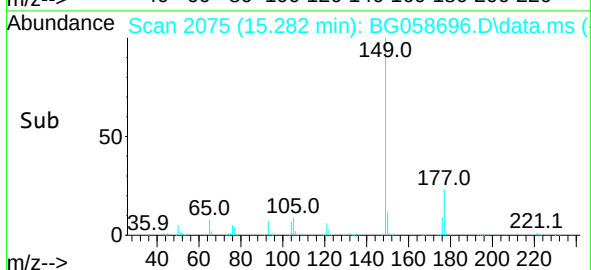
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

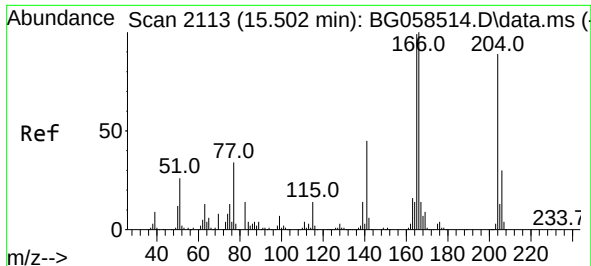


#60
Diethylphthalate
Concen: 40.070 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:149 Resp: 453466
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.988 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

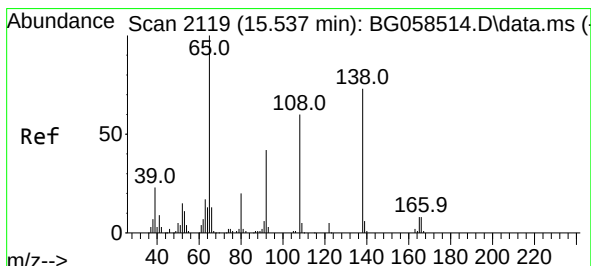
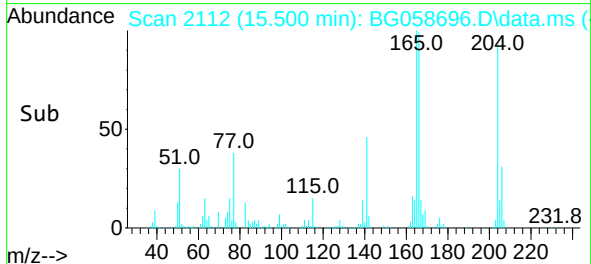
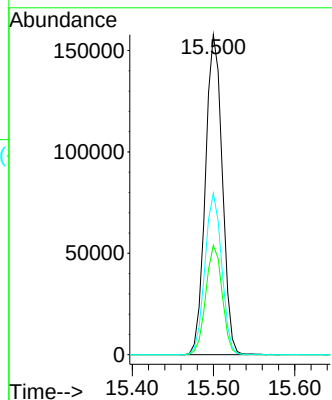
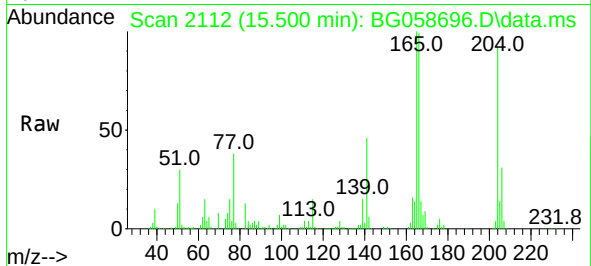
ClientSampleId :

PB154717BS

Tgt Ion:204 Resp: 227338
Ion Ratio Lower Upper
204 100
206 34.2 27.0 40.4
141 50.4 40.8 61.2

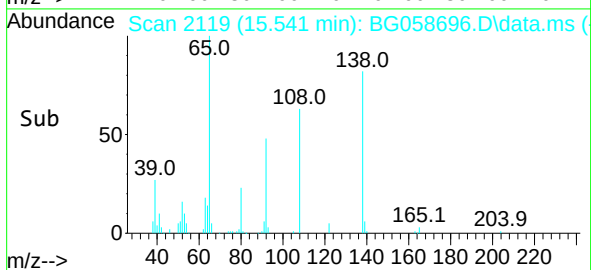
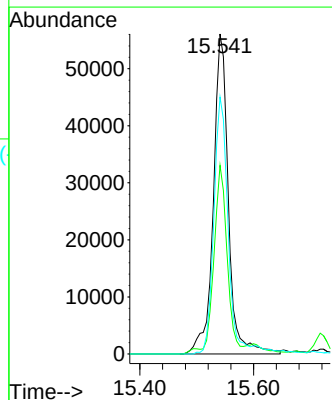
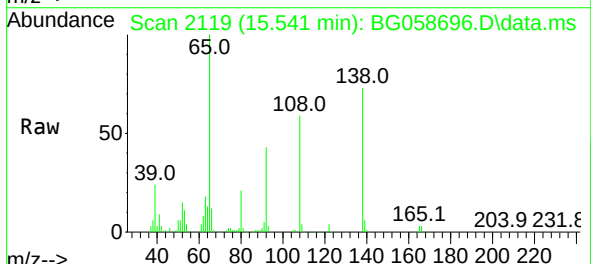
Manual Integrations
APPROVED

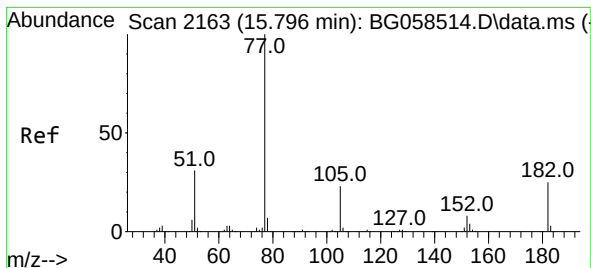
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#62
4-Nitroaniline
Concen: 44.623 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:138 Resp: 103085
Ion Ratio Lower Upper
138 100
92 58.9 37.3 77.3
108 80.3 62.6 102.6





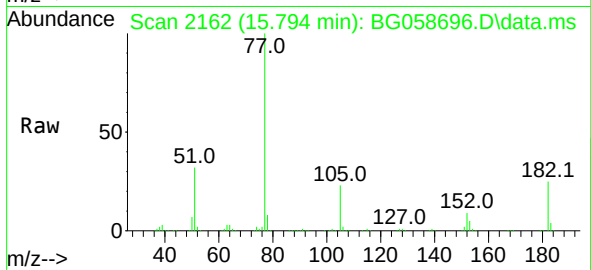
#63
Azobenzene
Concen: 39.751 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

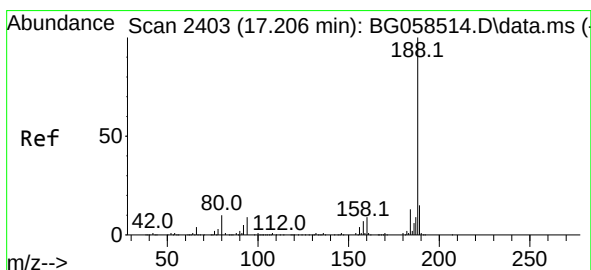
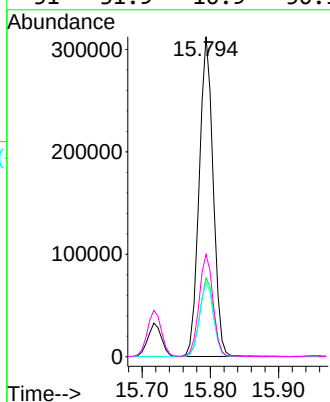
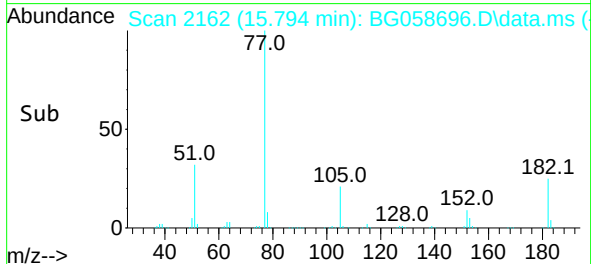


Tgt Ion: 77 Resp: 443091
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 23.4 3.3 43.3
51 31.9 10.9 50.9

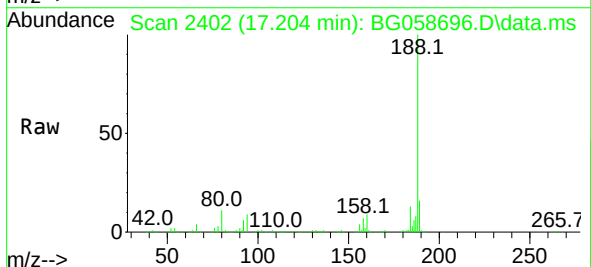
Manual Integrations

APPROVED

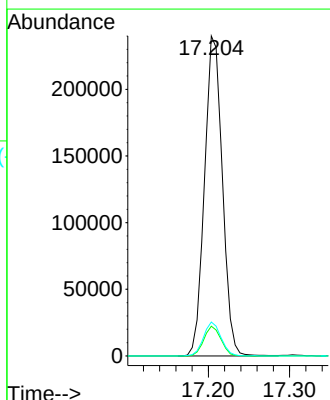
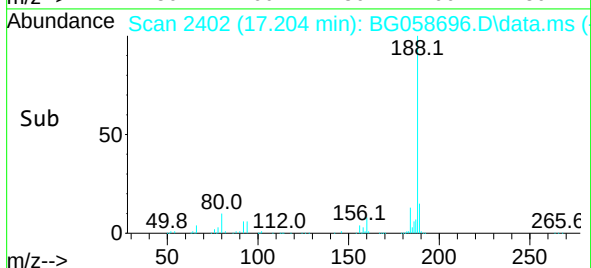
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

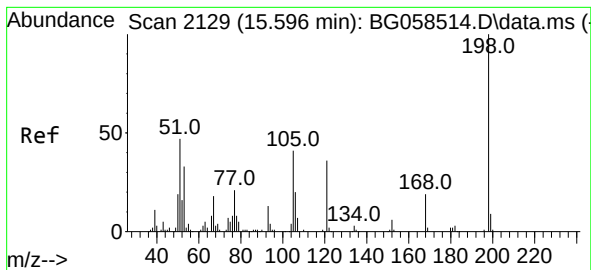


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:188 Resp: 366231
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.6 8.1 12.1





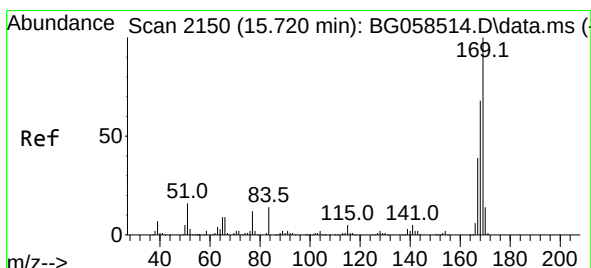
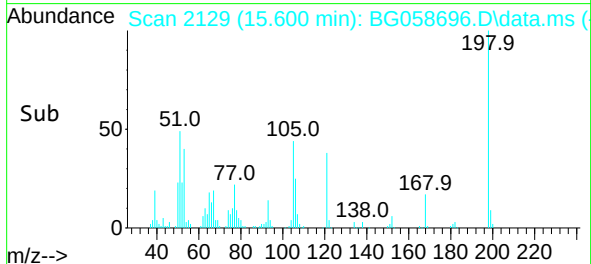
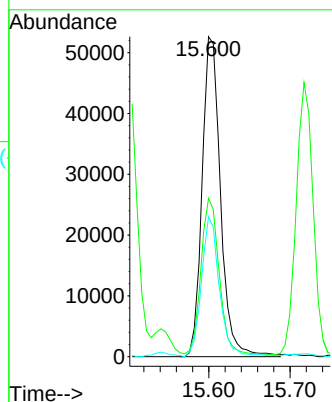
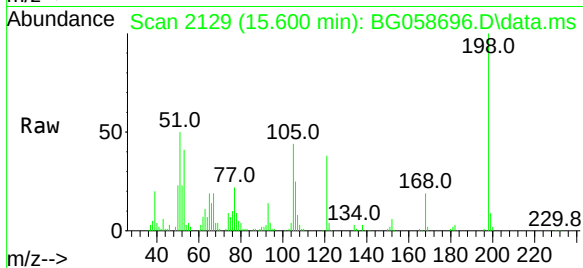
#65
4,6-Dinitro-2-methylphenol
Concen: 41.074 ng
RT: 15.600 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :
BNA_G
ClientSampleId :
PB154717BS

Tgt Ion:198 Resp: 8294
Ion Ratio Lower Upper
198 100
51 49.5 29.3 69.3
105 43.7 21.0 61.0

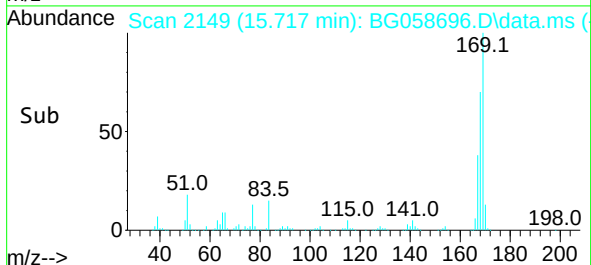
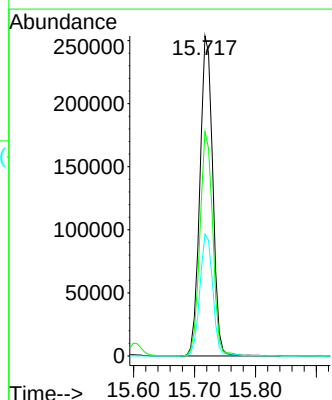
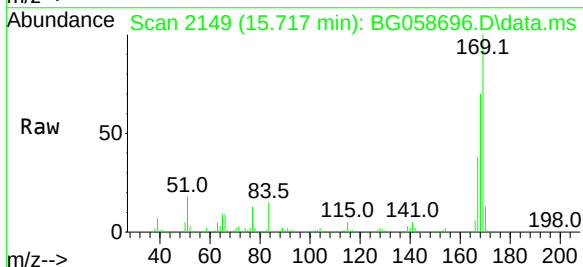
Manual Integrations
APPROVED

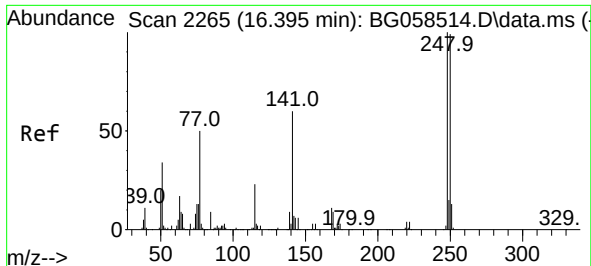
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#66
n-Nitrosodiphenylamine
Concen: 38.974 ng
RT: 15.717 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:169 Resp: 371503
Ion Ratio Lower Upper
169 100
168 70.2 54.6 82.0
167 38.1 31.3 46.9





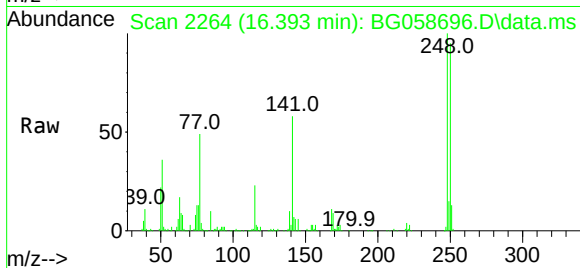
#67
4-Bromophenyl-phenylether
Concen: 38.391 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS



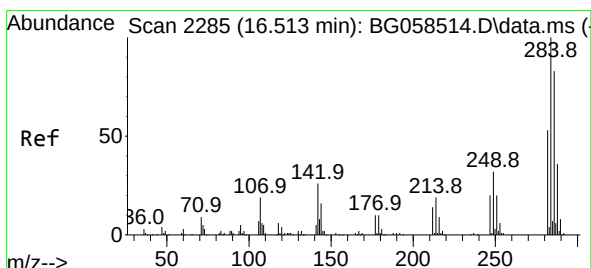
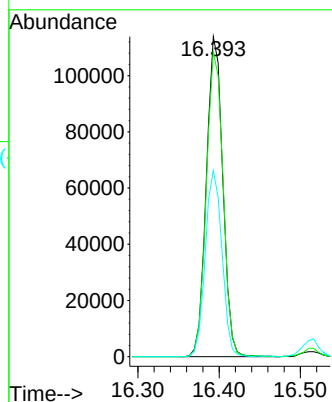
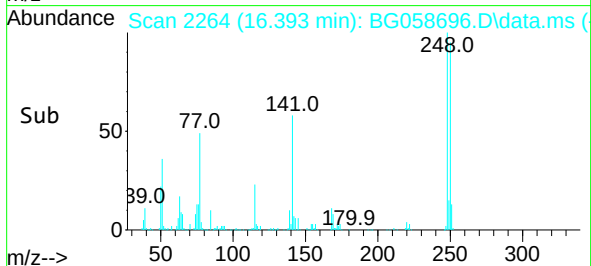
Tgt Ion:248 Resp: 159472
Ion Ratio Lower Upper
248 100
250 95.2 79.5 119.3
141 58.1 48.2 72.2

Manual Integrations

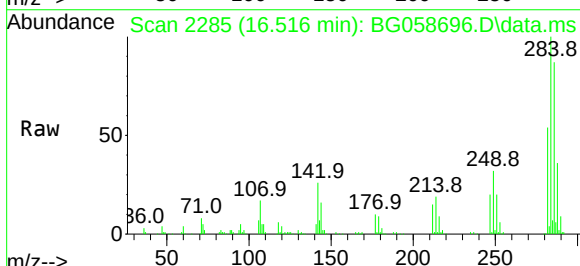
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

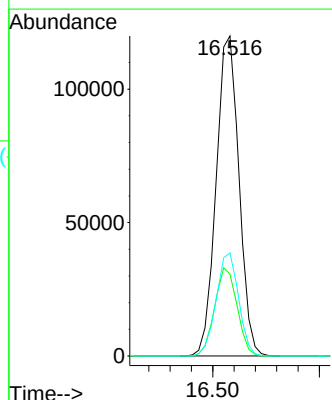
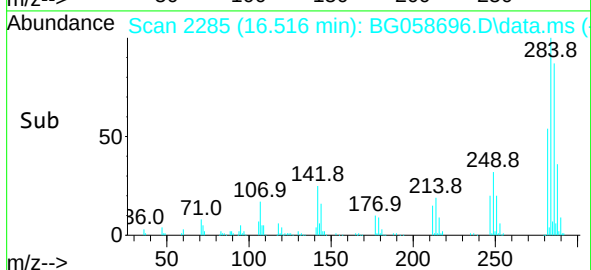
Supervised By :mohammad ahmed 08/12/2023

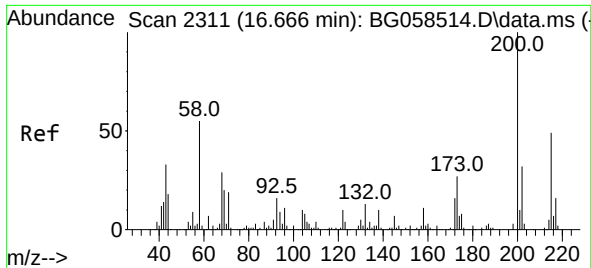


#68
Hexachlorobenzene
Concen: 40.439 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:284 Resp: 177998
Ion Ratio Lower Upper
284 100
142 25.6 21.0 31.4
249 32.2 25.5 38.3





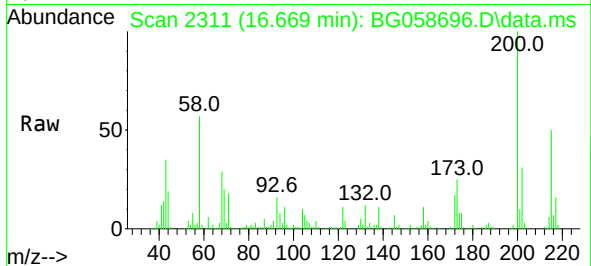
#69
 Atrazine
 Concen: 48.588 ng
 RT: 16.669 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058696.D
 Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

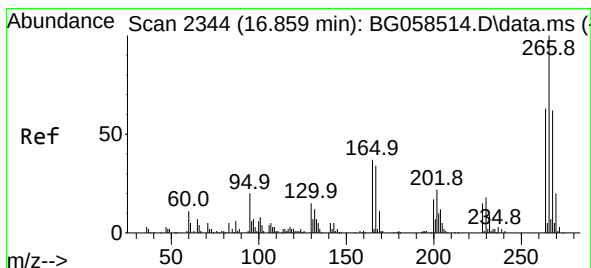
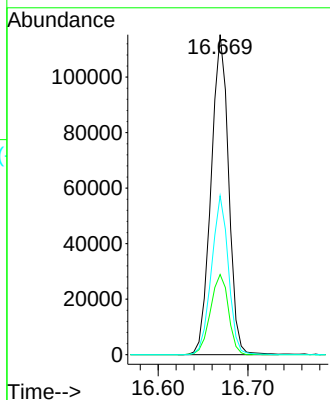
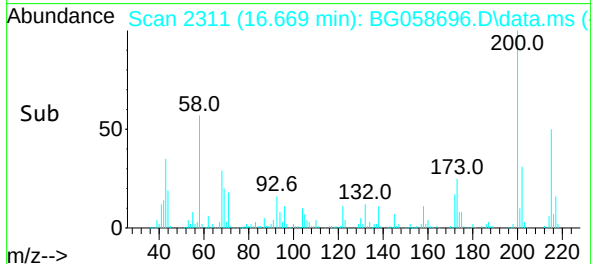


Tgt Ion:200 Resp: 156340
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.5 46.5
 215 49.7 28.9 68.9

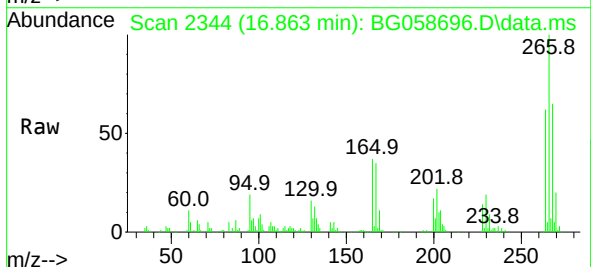
Manual Integrations

APPROVED

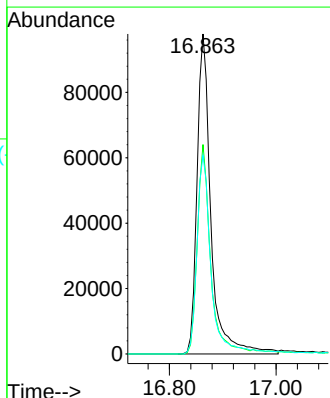
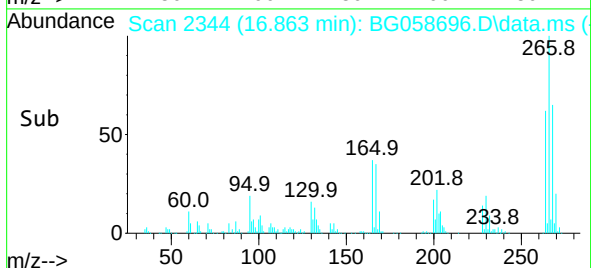
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/12/2023

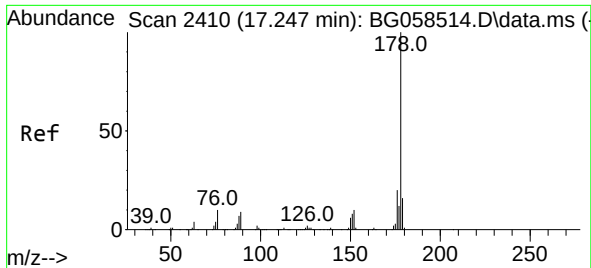


#70
 Pentachlorophenol
 Concen: 66.284 ng
 RT: 16.863 min Scan# 2344
 Delta R.T. 0.004 min
 Lab File: BG058696.D
 Acq: 11 Aug 2023 9:44



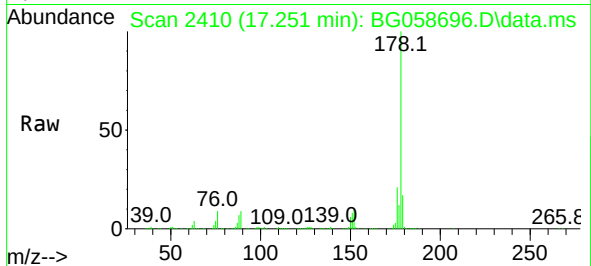
Tgt Ion:266 Resp: 176594
 Ion Ratio Lower Upper
 266 100
 268 65.4 49.9 74.9
 264 62.0 50.2 75.4





#71
Phenanthrene
Concen: 39.797 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

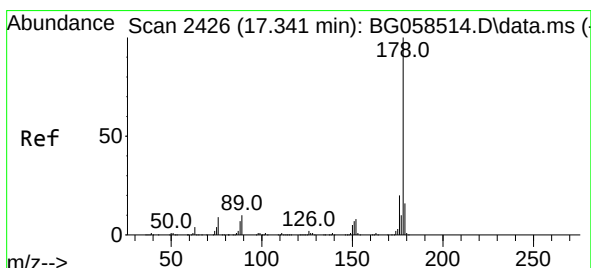
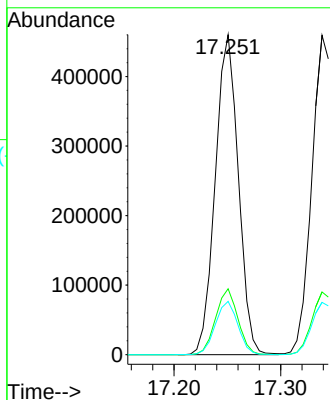
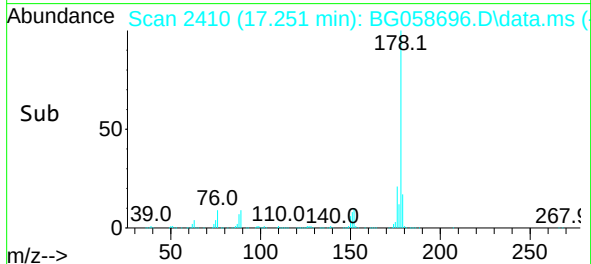
Instrument :
BNA_G
ClientSampleId :
PB154717BS



Tgt Ion:178 Resp: 691199
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.7 13.1 19.7

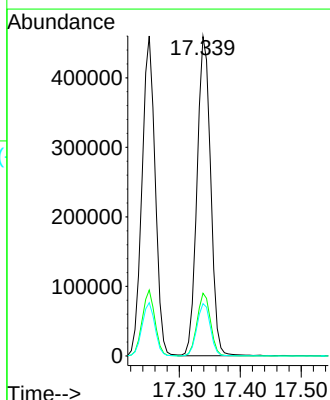
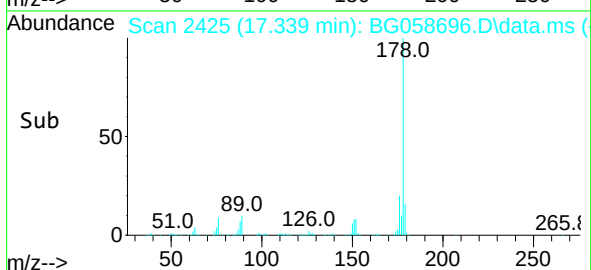
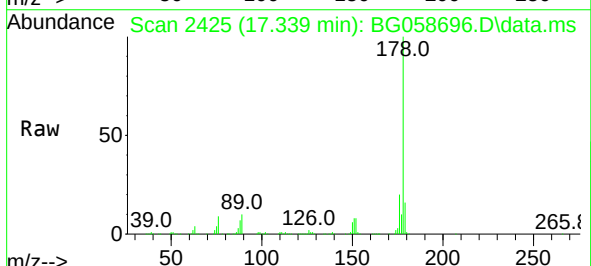
Manual Integrations
APPROVED

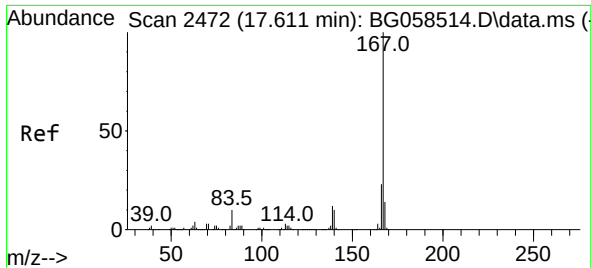
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#72
Anthracene
Concen: 39.794 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Tgt Ion:178 Resp: 709181
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.4 12.9 19.3





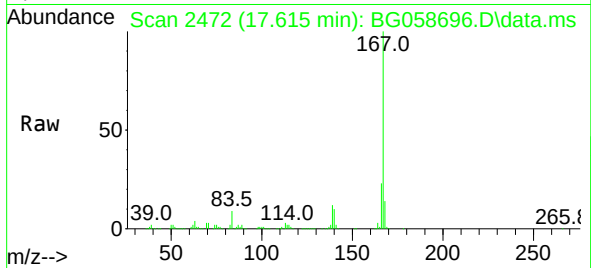
#73
 Carbazole
 Concen: 42.657 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058696.D
 Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

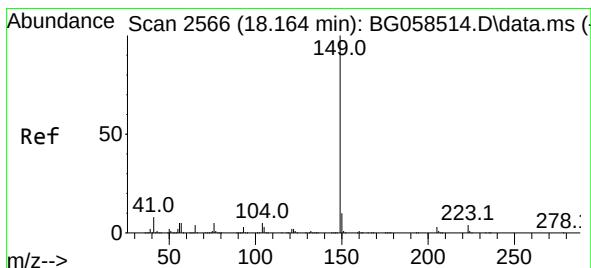
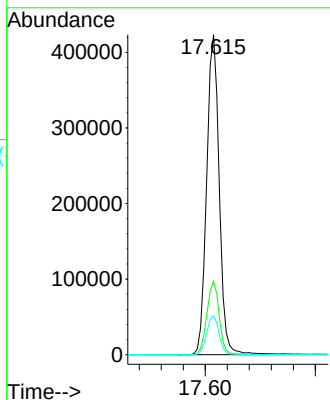
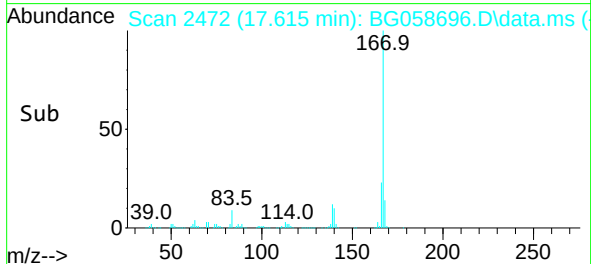


Tgt Ion:167 Resp: 67036
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.1 10.0 15.0

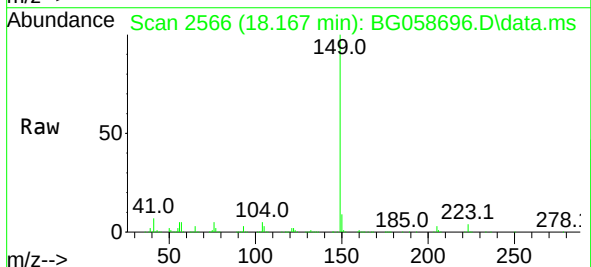
Manual Integrations

APPROVED

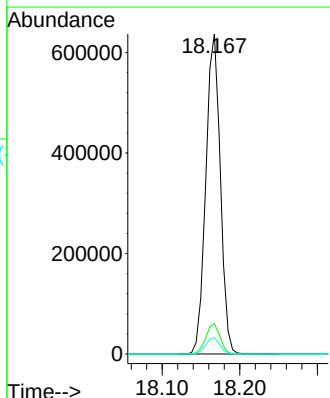
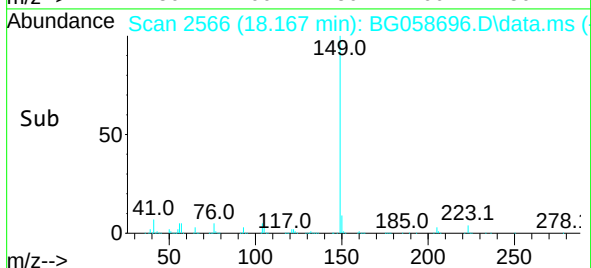
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/12/2023

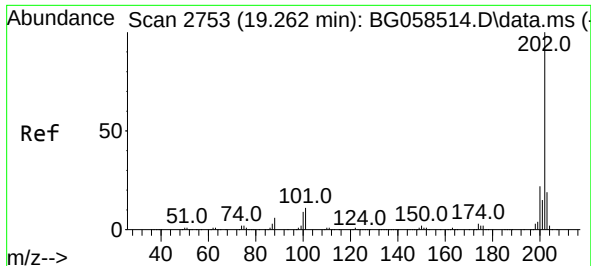


#74
 Di-n-butylphthalate
 Concen: 41.949 ng
 RT: 18.167 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058696.D
 Acq: 11 Aug 2023 9:44



Tgt Ion:149 Resp: 825738
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.1 4.0 6.0





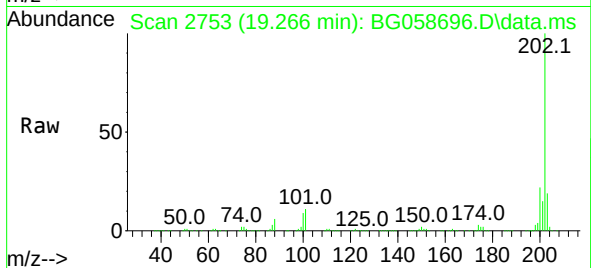
#75
Fluoranthene
Concen: 41.447 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS



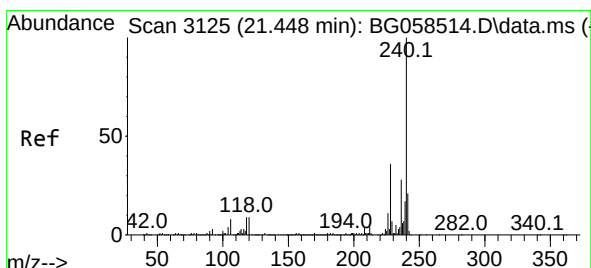
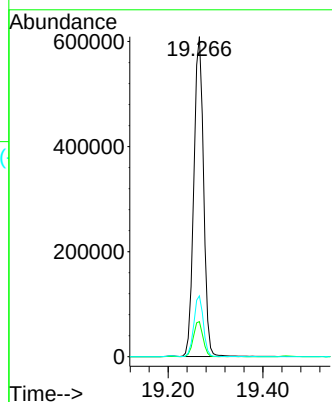
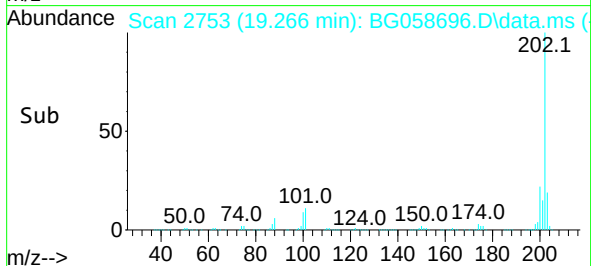
Tgt Ion:202 Resp: 864699
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 19.0 0.0 39.0

Manual Integrations

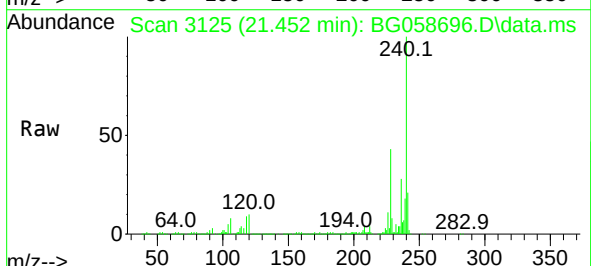
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

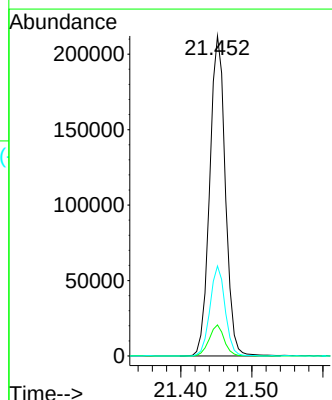
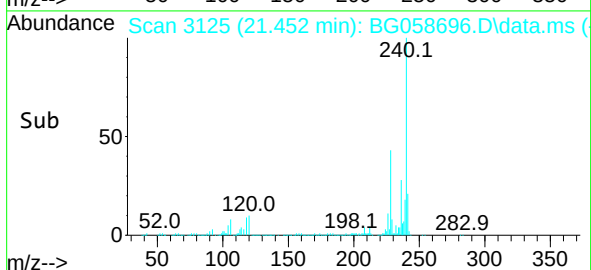
Supervised By :mohammad ahmed 08/12/2023

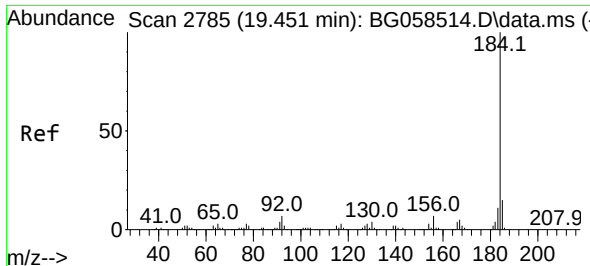


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



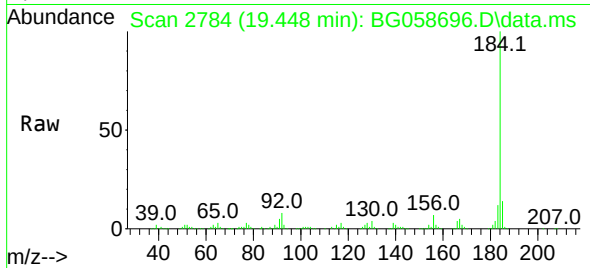
Tgt Ion:240 Resp: 324619
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 28.1 22.2 33.4





#77
Benzidine
Concen: 73.615 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

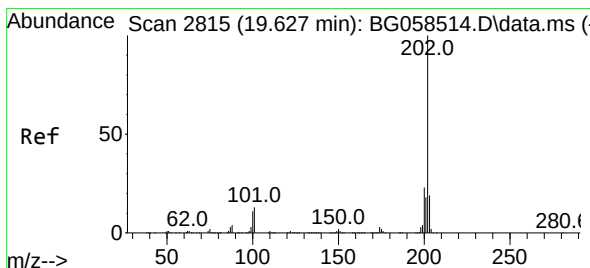
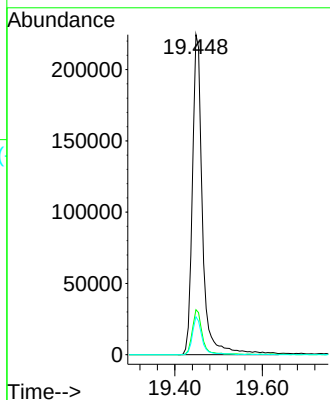
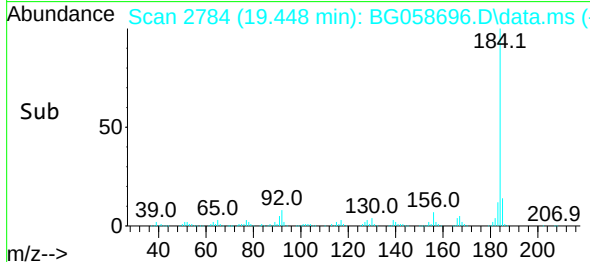
Instrument :
BNA_G
ClientSampleId :
PB154717BS



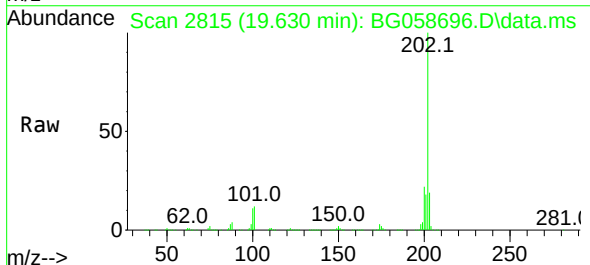
Tgt Ion:184 Resp: 36237
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.8 8.7 13.1

Manual Integrations
APPROVED

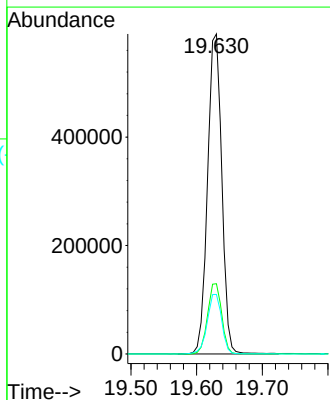
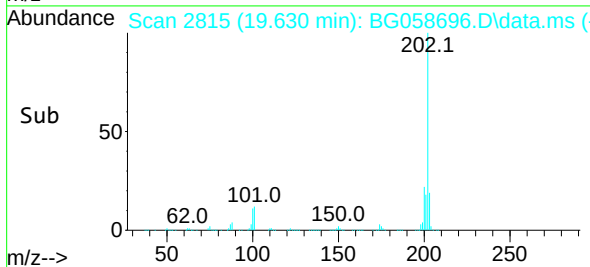
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

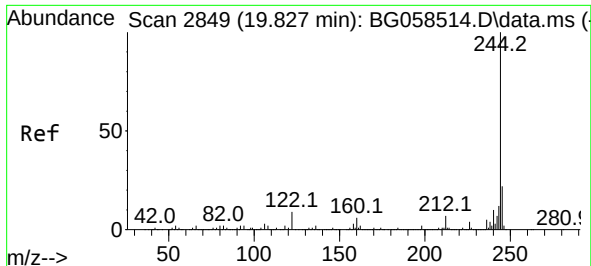


#78
Pyrene
Concen: 40.230 ng
RT: 19.630 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:202 Resp: 888765
Ion Ratio Lower Upper
202 100
200 22.0 18.2 27.2
203 18.6 15.1 22.7





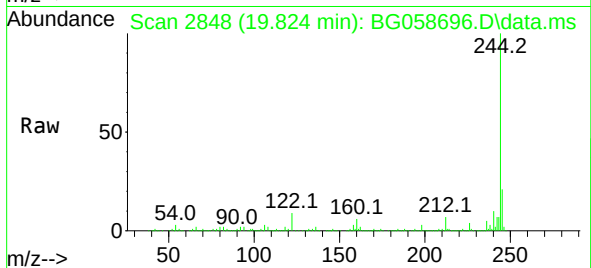
#79
 Terphenyl-d14
 Concen: 78.842 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058696.D
 Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

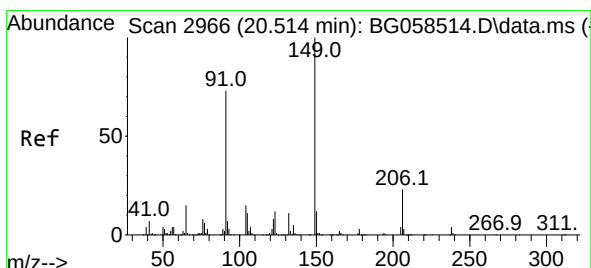
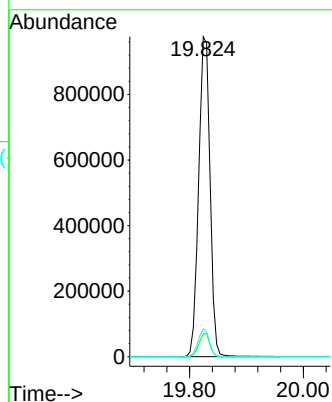
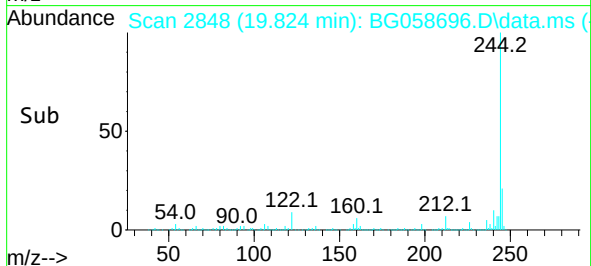


Tgt Ion:244 Resp: 136097
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.7 6.8 10.2

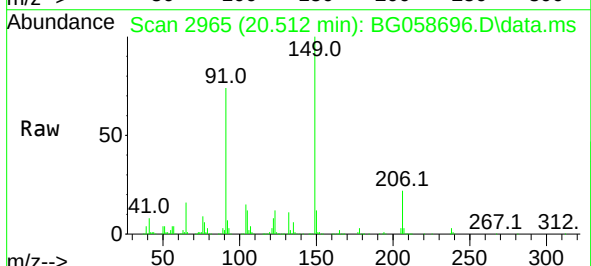
Manual Integrations

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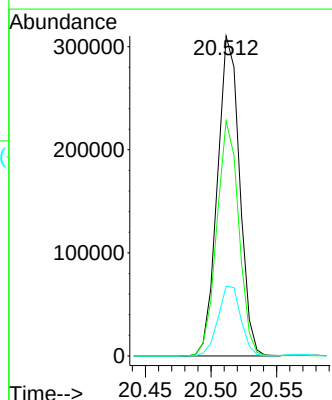
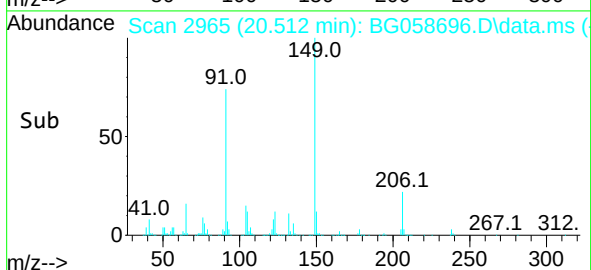
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/12/2023

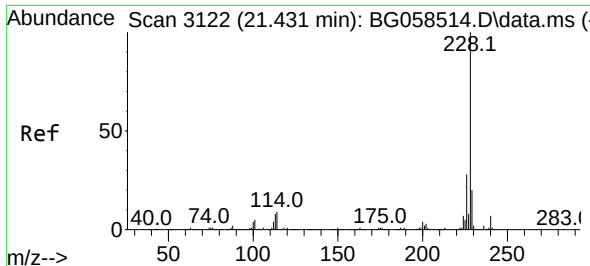


#80
 Butylbenzylphthalate
 Concen: 40.208 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058696.D
 Acq: 11 Aug 2023 9:44



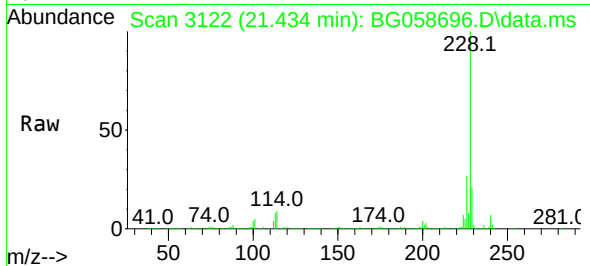
Tgt Ion:149 Resp: 364872
 Ion Ratio Lower Upper
 149 100
 91 73.5 58.4 87.6
 206 21.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 40.906 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

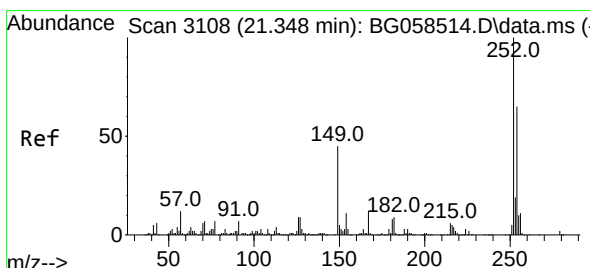
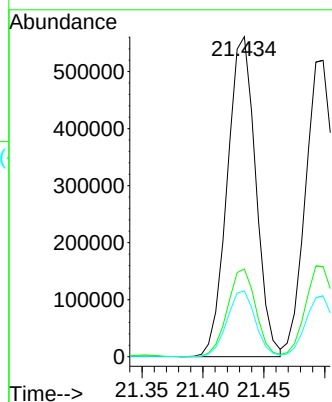
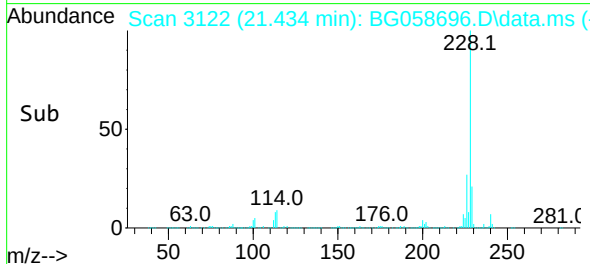
Instrument :
BNA_G
ClientSampleId :
PB154717BS



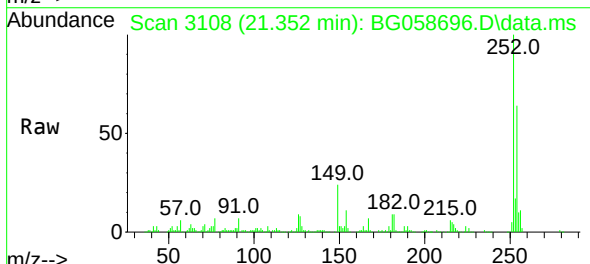
Tgt Ion:228 Resp: 91384
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.6 16.3 24.5

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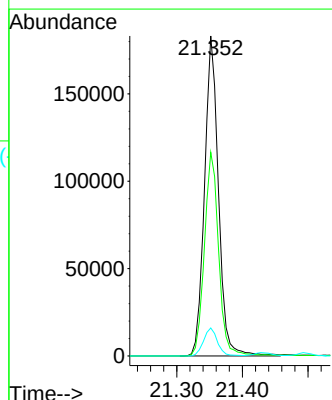
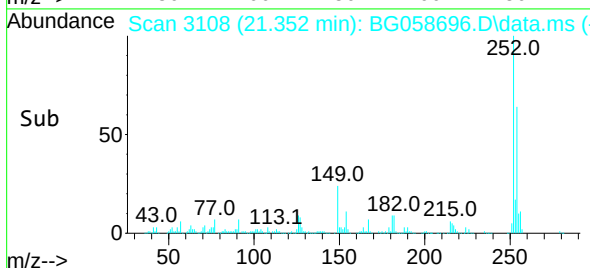
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

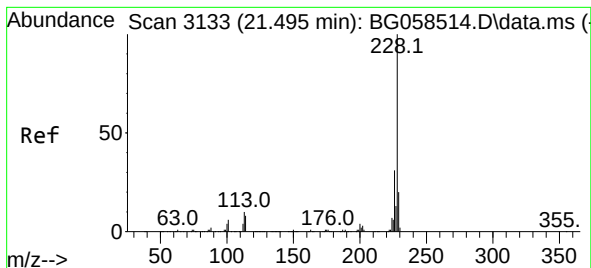


#82
3,3'-Dichlorobenzidine
Concen: 35.977 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:252 Resp: 271747
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.4
126 8.7 7.2 10.8





#83

Chrysene

Concen: 39.502 ng

RT: 21.499 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058696.D

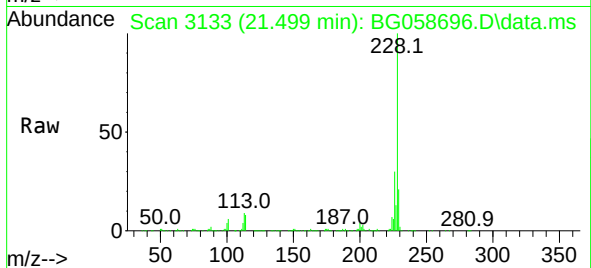
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS



Tgt Ion: 228 Resp: 84609

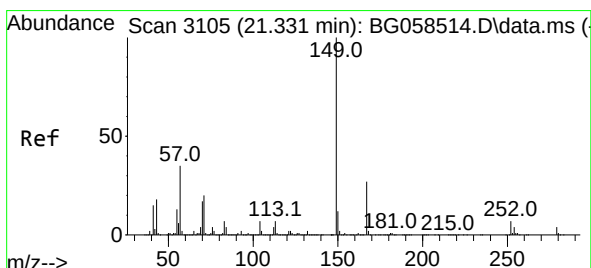
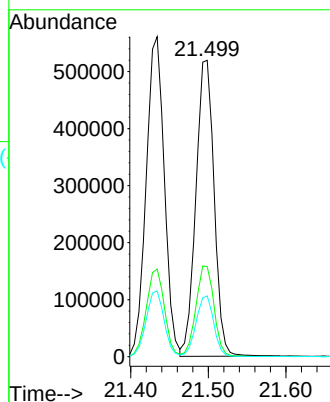
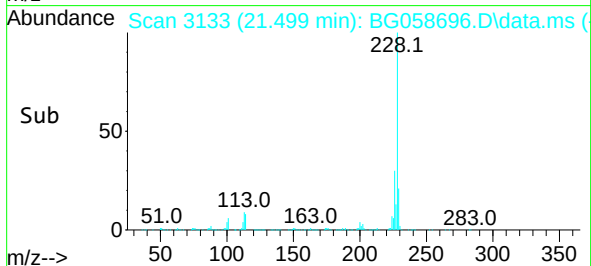
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.5	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.834 ng

RT: 21.334 min Scan# 3105

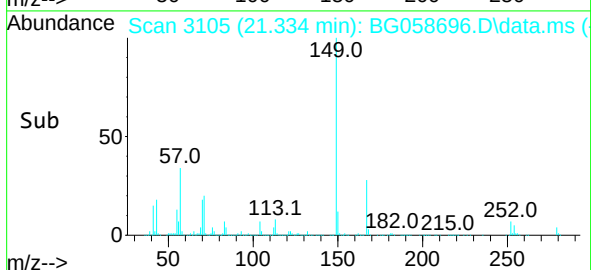
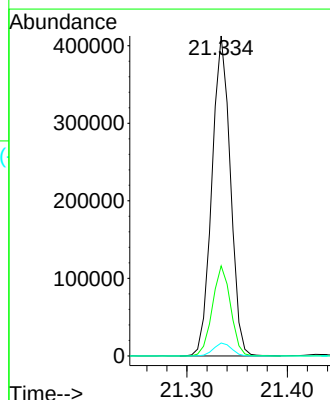
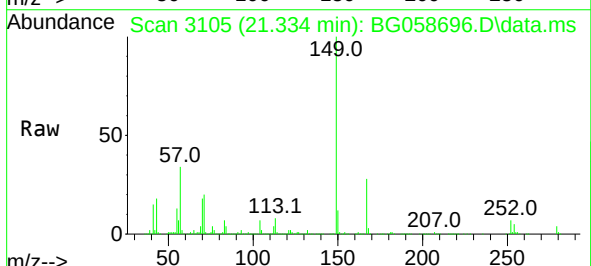
Delta R.T. 0.003 min

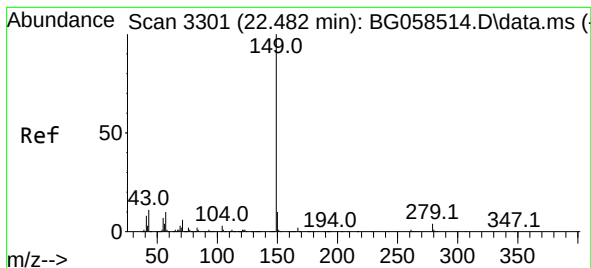
Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Tgt Ion: 149 Resp: 528235

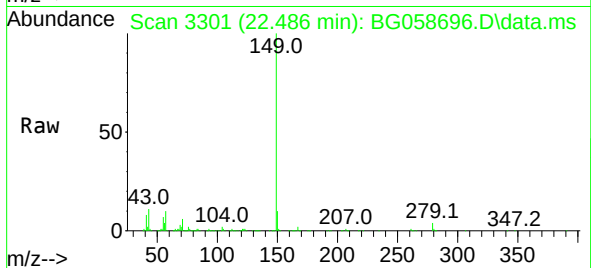
Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.1	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 40.878 ng
RT: 22.486 min Scan# 3301
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

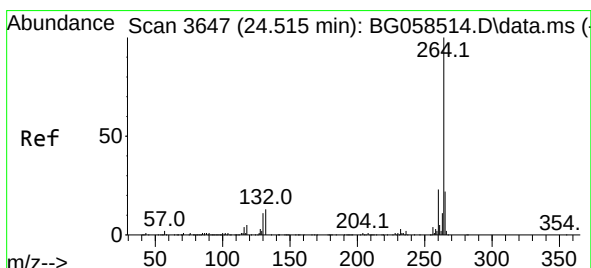
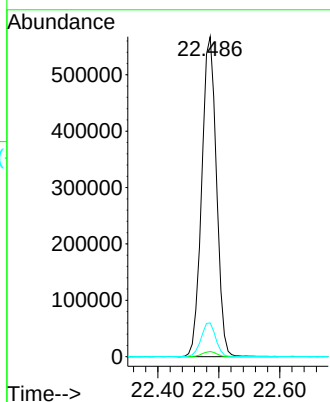
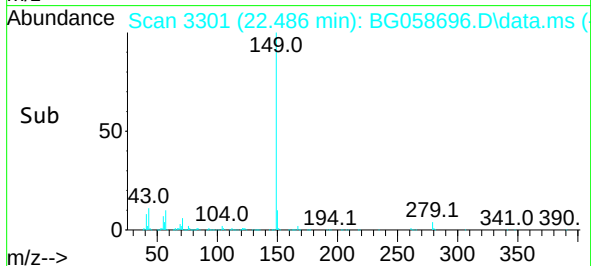
Instrument :
BNA_G
ClientSampleId :
PB154717BS



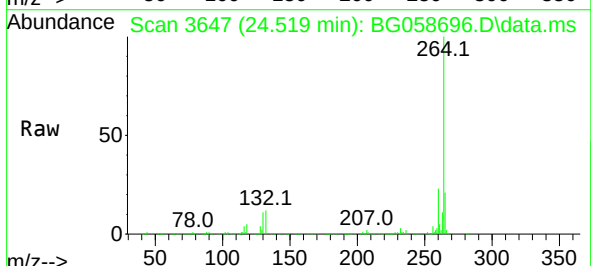
Tgt Ion:149 Resp: 953040
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 8.2 12.2

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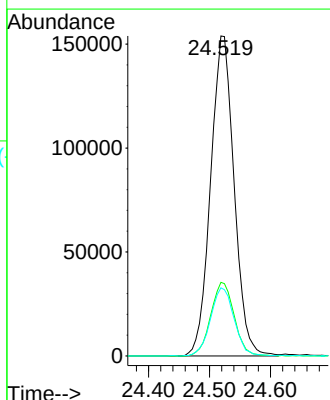
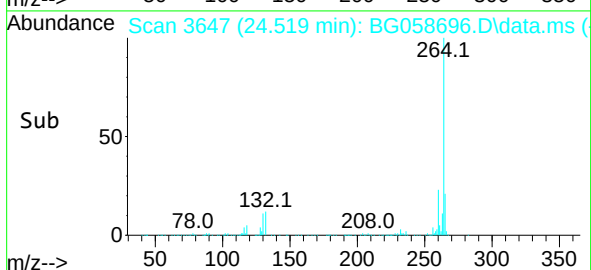
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

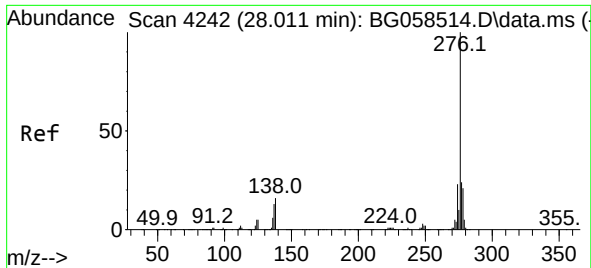


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:264 Resp: 412239
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.3 17.9 26.9





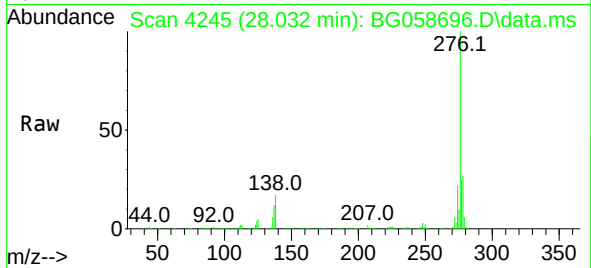
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.929 ng
RT: 28.032 min Scan# 41
Delta R.T. 0.021 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

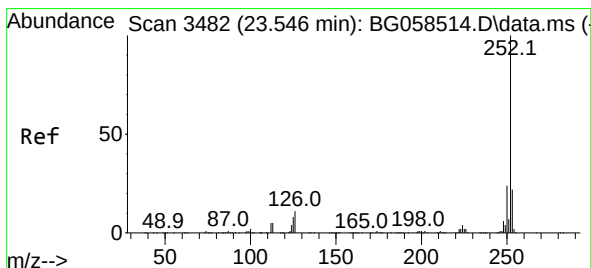
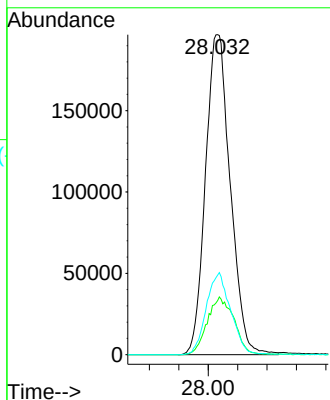
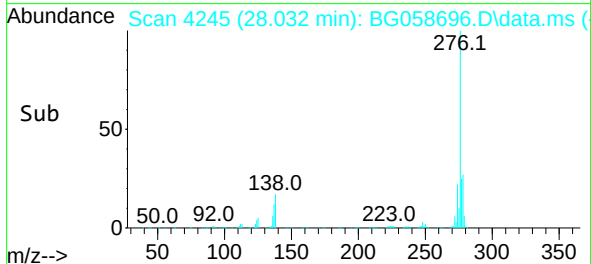


Tgt Ion:276 Resp: 1149910
Ion Ratio Lower Upper
276 100
138 19.5 16.0 24.0
277 25.3 20.4 30.6

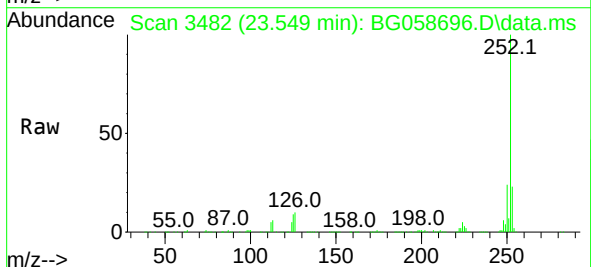
Manual Integrations

APPROVED

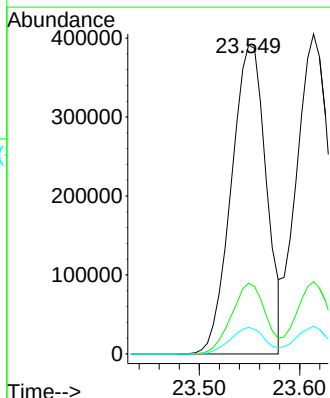
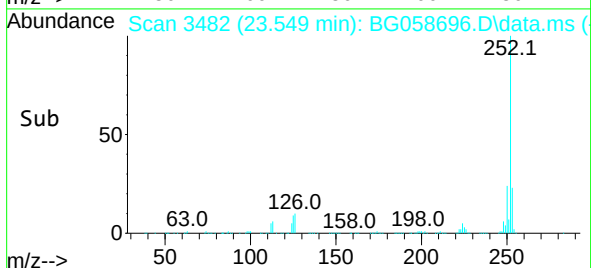
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

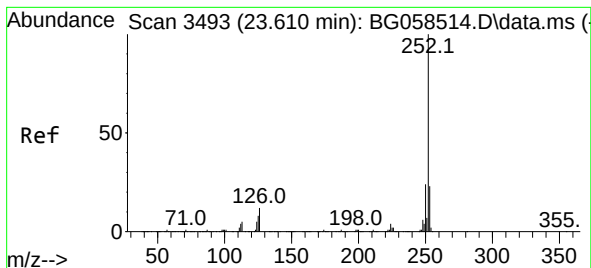


#88
Benzo(b)fluoranthene
Concen: 42.249 ng
RT: 23.549 min Scan# 3482
Delta R.T. 0.003 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:252 Resp: 944634
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.7 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 41.755 ng

RT: 23.614 min Scan# 3493

Delta R.T. 0.003 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

Instrument :

BNA_G

ClientSampleId :

PB154717BS

Tgt Ion:252 Resp: 93788

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

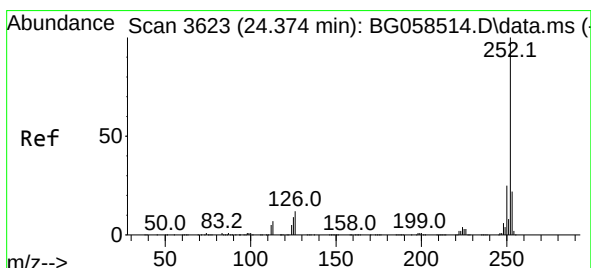
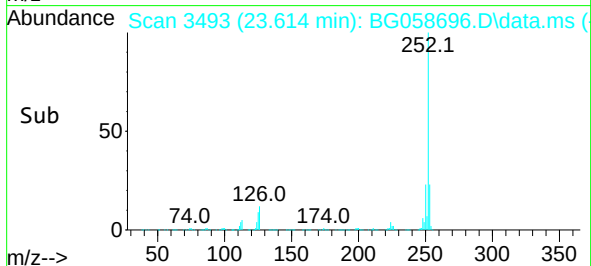
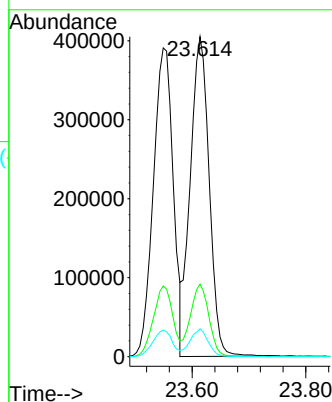
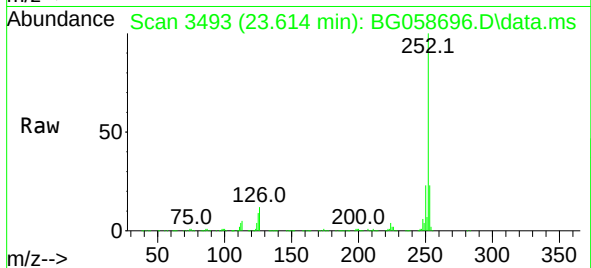
125 8.7 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#90

Benzo(a)pyrene

Concen: 39.374 ng

RT: 24.378 min Scan# 3623

Delta R.T. 0.003 min

Lab File: BG058696.D

Acq: 11 Aug 2023 9:44

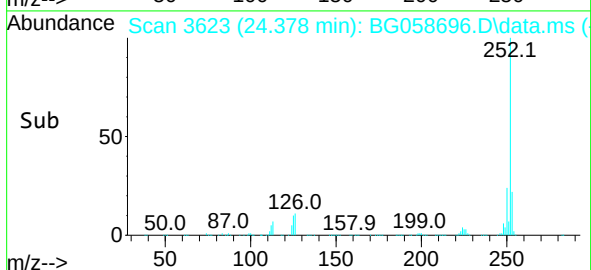
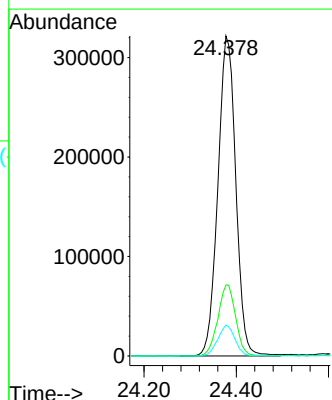
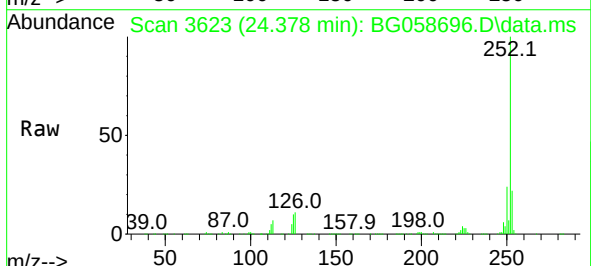
Tgt Ion:252 Resp: 864580

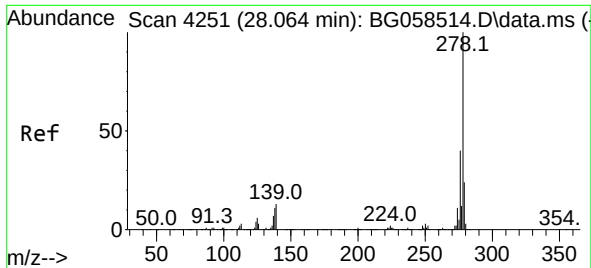
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

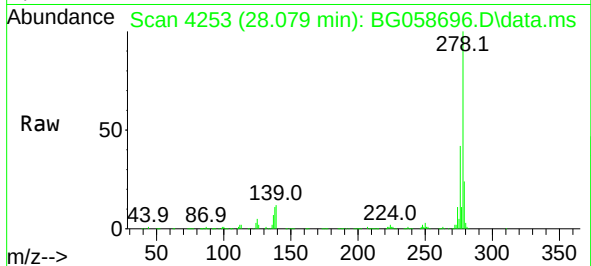
125 9.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 42.065 ng
RT: 28.079 min Scan# 41
Delta R.T. 0.015 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44

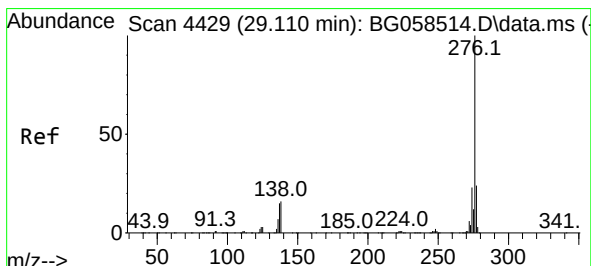
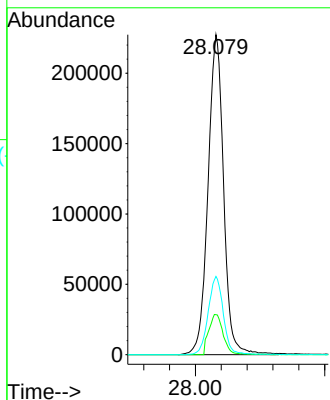
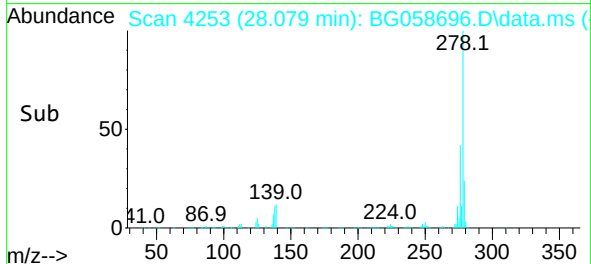
Instrument :
BNA_G
ClientSampleId :
PB154717BS



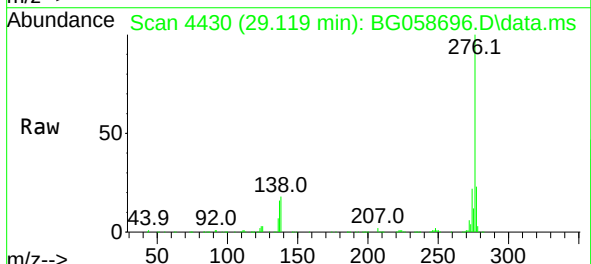
Tgt Ion:278 Resp: 95389
Ion Ratio Lower Upper
278 100
139 12.5 10.4 15.6
279 24.4 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#92
Benzo(g,h,i)perylene
Concen: 39.974 ng
RT: 29.119 min Scan# 4430
Delta R.T. 0.009 min
Lab File: BG058696.D
Acq: 11 Aug 2023 9:44



Tgt Ion:276 Resp: 908959
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 17.5 13.0 19.4

