

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060833.D
 Acq On : 8 Apr 2024 19:56
 Operator : MA/JU
 Sample : PB160074BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160074BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 01:24:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	52202	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	219008	20.000	ng	-0.01
39) Acenaphthene-d10	14.576	164	175547	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	439729	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	424934	20.000	ng	-0.01
86) Perylene-d12	24.717	264	485852	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	421789	134.603	ng	0.00
7) Phenol-d6	7.114	99	575887	123.808	ng	0.00
23) Nitrobenzene-d5	9.106	82	382602	99.685	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	340346	170.793	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	975606	81.564	ng	-0.01
79) Terphenyl-d14	19.952	244	1973266	81.768	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.454	88	45830	35.672	ng	96
3) Pyridine	3.841	79	124166	32.041	ng	87
4) n-Nitrosodimethylamine	3.753	42	102700	44.335	ng	93
6) Aniline	7.273	93	134605	22.916	ng	96
8) 2-Chlorophenol	7.514	128	168482	47.426	ng	96
9) Benzaldehyde	7.085	77	30365m	11.839	ng	
10) Phenol	7.143	94	214842	45.258	ng	98
11) bis(2-Chloroethyl)ether	7.372	93	149273	38.948	ng	100
12) 1,3-Dichlorobenzene	7.837	146	162524	43.992	ng	100
13) 1,4-Dichlorobenzene	7.984	146	170244	45.169	ng	99
14) 1,2-Dichlorobenzene	8.301	146	166182	44.991	ng	98
15) Benzyl Alcohol	8.183	79	162974	43.255	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.471	45	373187	43.146	ng	100
17) 2-Methylphenol	8.389	107	153065	42.712	ng	98
18) Hexachloroethane	9.029	117	61050	45.607	ng	88
19) n-Nitroso-di-n-propyla...	8.753	70	139922	39.446	ng	99
20) 3+4-Methylphenols	8.712	107	210234	42.841	ng	97
22) Acetophenone	8.765	105	262787	43.516	ng	# 96
24) Nitrobenzene	9.141	77	195521	45.894	ng	99
25) Isophorone	9.670	82	363366	41.104	ng	98
26) 2-Nitrophenol	9.852	139	84455	54.835	ng	88
27) 2,4-Dimethylphenol	9.917	122	128944	36.311	ng	96
28) bis(2-Chloroethoxy)met...	10.152	93	212941	40.800	ng	99
29) 2,4-Dichlorophenol	10.392	162	170684	52.342	ng	95
30) 1,2,4-Trichlorobenzene	10.610	180	176792	47.879	ng	96
31) Naphthalene	10.792	128	505255	42.648	ng	99
32) Benzoic acid	10.052	122	128787	53.582	ng	91
33) 4-Chloroaniline	10.898	127	87816	15.959	ng	96
34) Hexachlorobutadiene	11.086	225	122825	49.911	ng	96
35) Caprolactam	11.662	113	59732m	46.249	ng	
36) 4-Chloro-3-methylphenol	12.026	107	201880	48.462	ng	99
37) 2-Methylnaphthalene	12.402	142	364676	41.869	ng	98
38) 1-Methylnaphthalene	12.619	142	342741	41.655	ng	98
40) 1,2,4,5-Tetrachloroben...	12.772	216	233102	46.188	ng	99
41) Hexachlorocyclopentadiene	12.754	237	273358	106.524	ng	100
43) 2,4,6-Trichlorophenol	13.007	196	167794	51.634	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	184207	47.499	ng	98
46) 1,1'-Biphenyl	13.412	154	525858	42.410	ng	99
47) 2-Chloronaphthalene	13.454	162	408009	43.309	ng	99
48) 2-Nitroaniline	13.648	65	158946	51.404	ng	98
49) Acenaphthylene	14.300	152	718682	45.402	ng	99
50) Dimethylphthalate	14.035	163	595384	42.909	ng	99
51) 2,6-Dinitrotoluene	14.147	165	122842	49.342	ng	94
52) Acenaphthene	14.640	154	495530m	49.859	ng	
53) 3-Nitroaniline	14.476	138	76848	29.374	ng	99
54) 2,4-Dinitrophenol	14.682	184	160846	166.540	ng	91
55) Dibenzofuran	14.981	168	671088	42.808	ng	99
56) 4-Nitrophenol	14.787	139	230201	113.487	ng	96
57) 2,4-Dinitrotoluene	14.934	165	179898	54.798	ng	94
58) Fluorene	15.628	166	551314	43.819	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.204	232	181444	53.686	ng	# 97
60) Diethylphthalate	15.410	149	597621	42.811	ng	98
61) 4-Chlorophenyl-phenyle...	15.622	204	300212	45.102	ng	95
62) 4-Nitroaniline	15.639	138	133771	52.731	ng	96
63) Azobenzene	15.915	77	573122	42.132	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	113685	60.500	ng	96
66) n-Nitrosodiphenylamine	15.839	169	525857	41.848	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	212365	47.587	ng	98
68) Hexachlorobenzene	16.632	284	240603	47.760	ng	97
69) Atrazine	16.791	200	210046	47.800	ng	98
70) Pentachlorophenol	16.973	266	337649	102.718	ng	97
71) Phenanthrene	17.367	178	986827	43.151	ng	99
72) Anthracene	17.461	178	1006017	43.315	ng	100
73) Carbazole	17.725	167	897718	43.839	ng	99
74) Di-n-butylphthalate	18.307	149	1056617	41.388	ng	99
75) Fluoranthene	19.382	202	1222242	44.043	ng	98
77) Benzidine	19.558	184	333430	29.799	ng	98
78) Pyrene	19.740	202	1268085	42.669	ng	100
80) Butylbenzylphthalate	20.645	149	466385	43.020	ng	99
81) Benzo(a)anthracene	21.568	228	1325820	44.263	ng	99
82) 3,3'-Dichlorobenzidine	21.485	252	306803	30.335	ng	98
83) Chrysene	21.638	228	1245141	43.128	ng	100
84) Bis(2-ethylhexyl)phtha...	21.509	149	695464	40.248	ng	# 97
85) Di-n-octyl phthalate	22.702	149	1207671	42.902	ng	100
87) Indeno(1,2,3-cd)pyrene	28.277	276	1602118	46.827	ng	# 97
88) Benzo(b)fluoranthene	23.736	252	1302310	46.658	ng	97
89) Benzo(k)fluoranthene	23.800	252	1296862	45.394	ng	# 98
90) Benzo(a)pyrene	24.576	252	1222201	45.058	ng	98
91) Dibenzo(a,h)anthracene	28.354	278	1316185	45.635	ng	# 95
92) Benzo(g,h,i)perylene	29.382	276	1216672	43.366	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 84
Delta R.T. -0.013 min
Lab File: BG060833.D
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BNA_G

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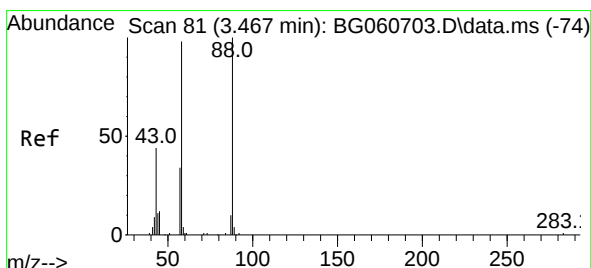
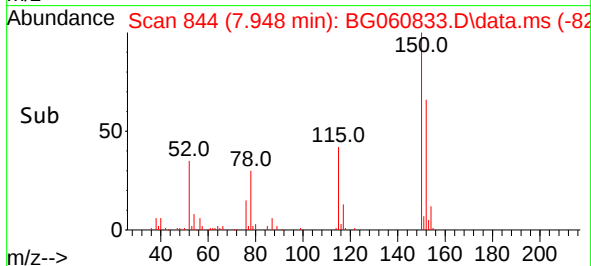
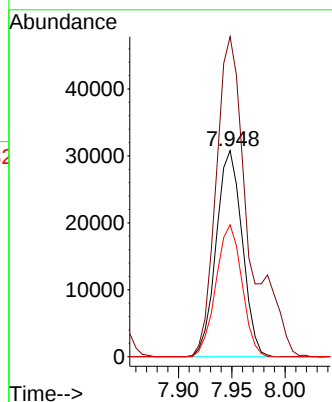
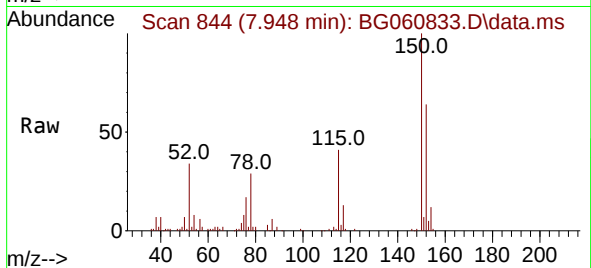
PB160074BS

Tgt Ion:152 Resp: 5220
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.4
115 64.0 51.6 77.4

Manual Integrations

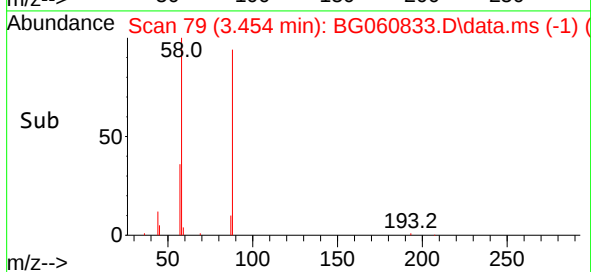
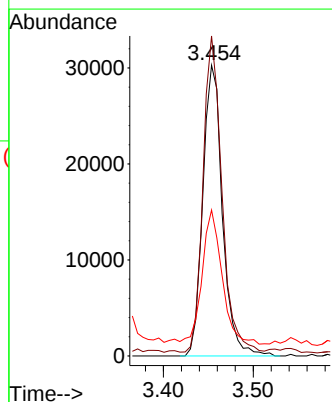
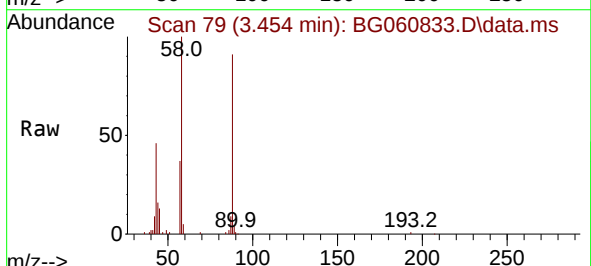
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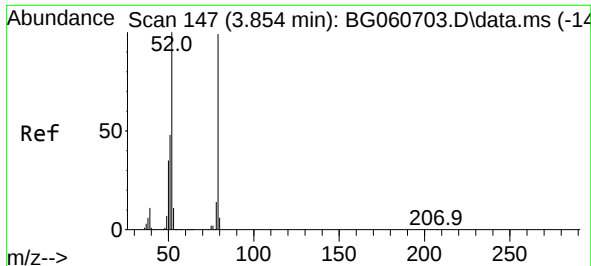
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#2
1,4-Dioxane
Concen: 35.672 ng
RT: 3.454 min Scan# 79
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

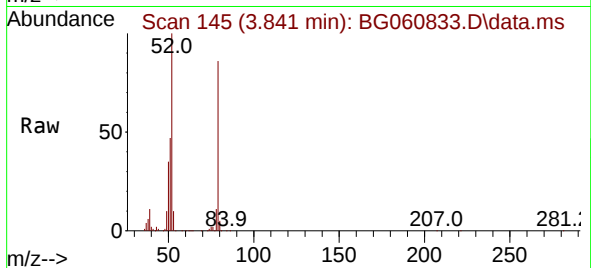
Tgt Ion: 88 Resp: 45830
Ion Ratio Lower Upper
88 100
58 104.5 80.9 121.3
43 46.9 35.4 53.0





#3
Pyridine
Concen: 32.041 ng
RT: 3.841 min Scan# 147
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

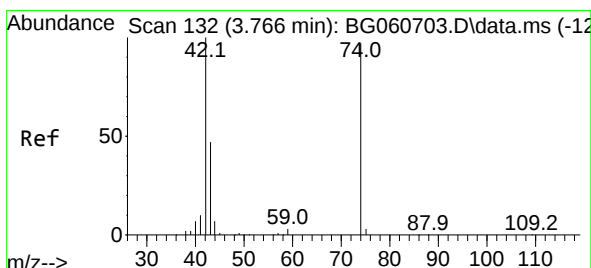
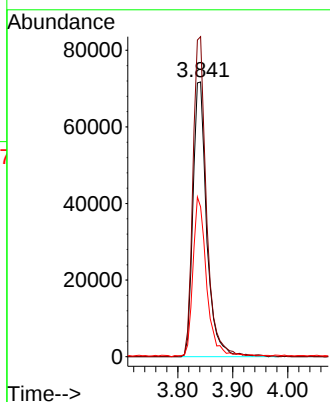
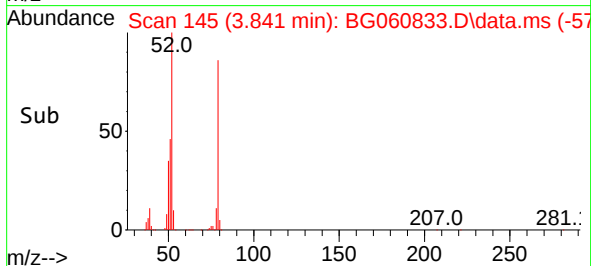
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion: 79 Resp: 124160
Ion Ratio Lower Upper
79 100
52 116.5 80.6 120.8
51 54.5 39.1 58.7

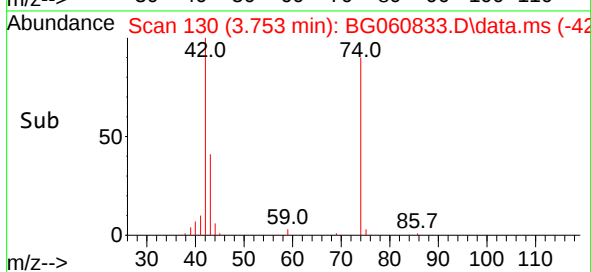
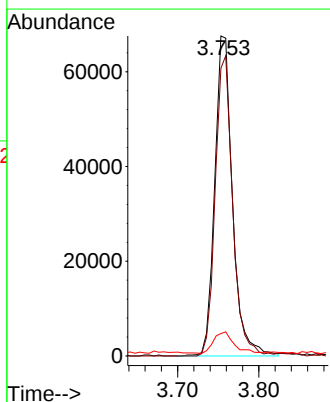
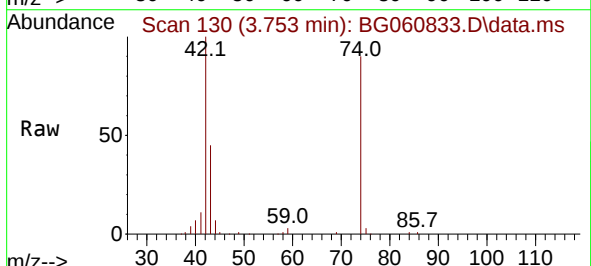
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Supervised By :mohammad ahmed 04/10/2024



#4
n-Nitrosodimethylamine
Concen: 44.335 ng
RT: 3.753 min Scan# 130
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion: 42 Resp: 102700
Ion Ratio Lower Upper
42 100
74 89.9 77.8 116.8
44 7.0 6.8 10.2





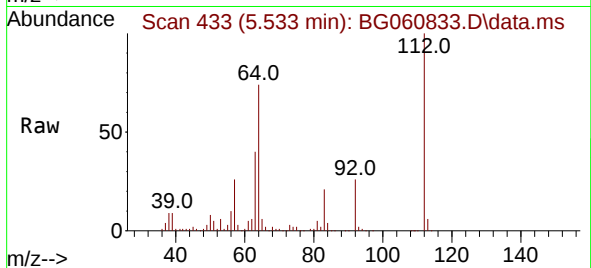
#5
2-Fluorophenol
Concen: 134.603 ng
RT: 5.533 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

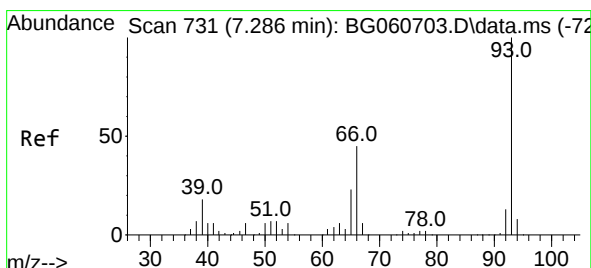
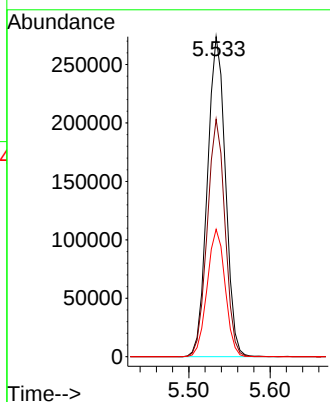
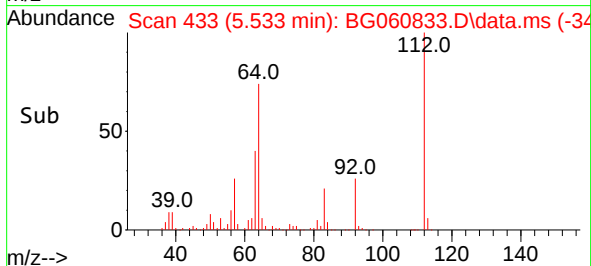


Tgt Ion:112 Resp: 421789
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 39.8 32.7 49.1

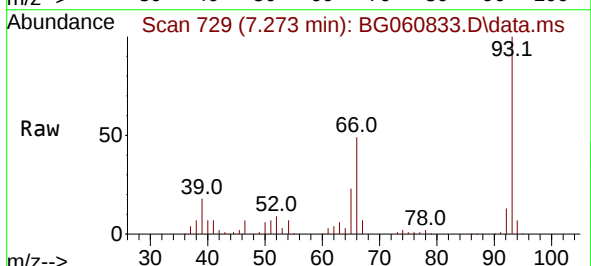
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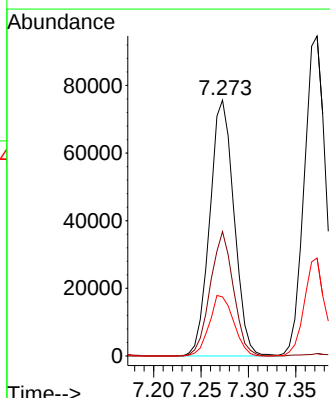
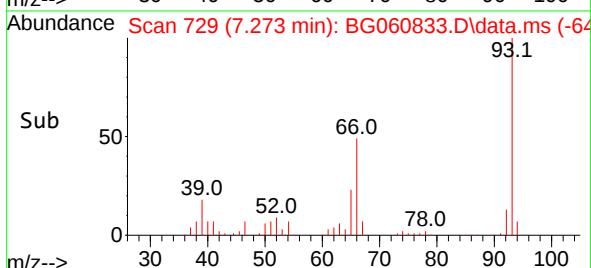
Reviewed By :Yogesh Patel 04/10/2024
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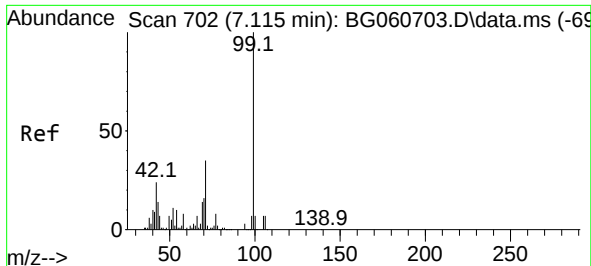


#6
Aniline
Concen: 22.916 ng
RT: 7.273 min Scan# 729
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



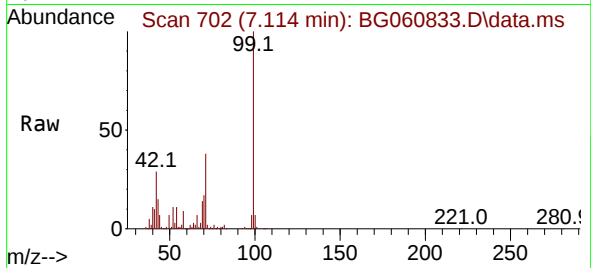
Tgt Ion: 93 Resp: 134605
Ion Ratio Lower Upper
93 100
66 48.6 36.1 54.1
65 23.1 18.1 27.1





#7
Phenol-d6
Concen: 123.808 ng
RT: 7.114 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

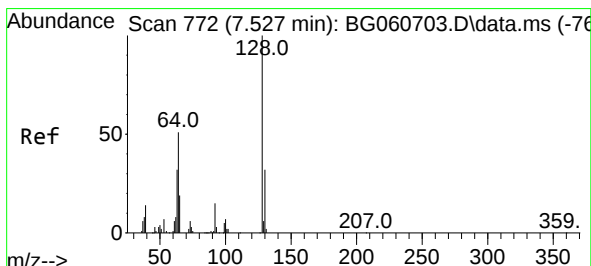
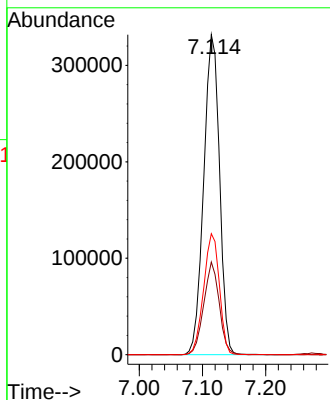
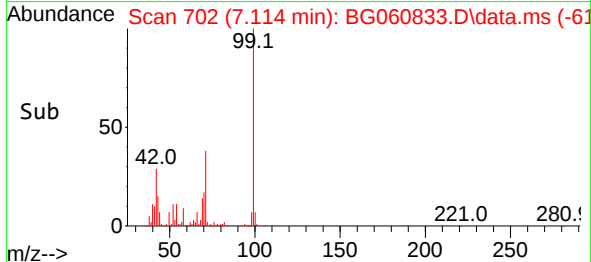
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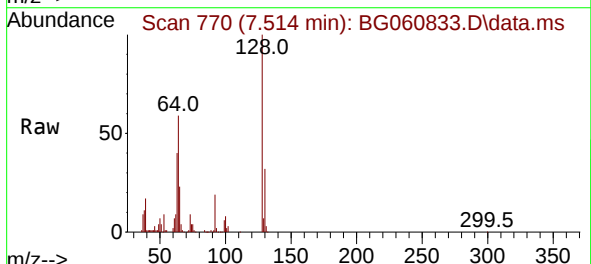
Tgt Ion: 99 Resp: 57588
Ion Ratio Lower Upper
99 100
42 29.0 19.4 29.2
71 37.8 28.2 42.2

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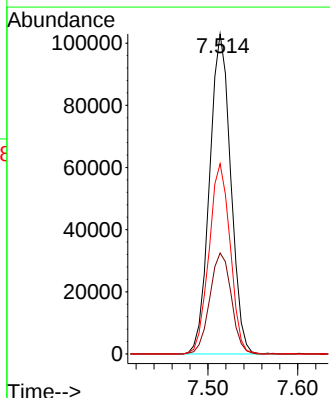
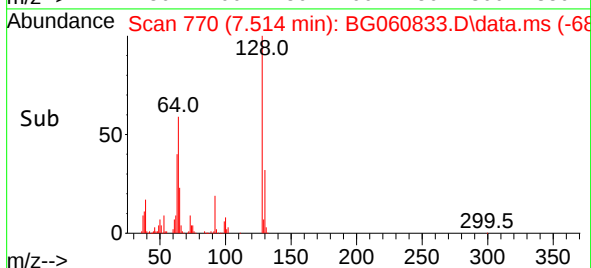
Reviewed By :Yogesh Patel 04/10/2024
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#8
2-Chlorophenol
Concen: 47.426 ng
RT: 7.514 min Scan# 770
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:128 Resp: 168482
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 59.4 35.0 75.0





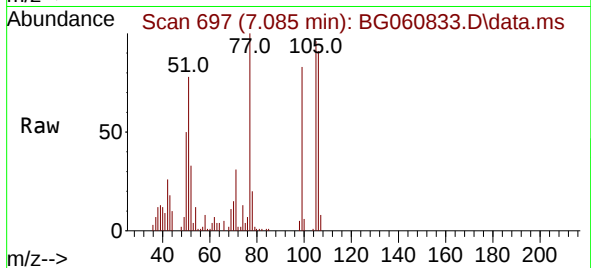
#9
Benzaldehyde
Concen: 11.839 ng m
RT: 7.085 min Scan# 697
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

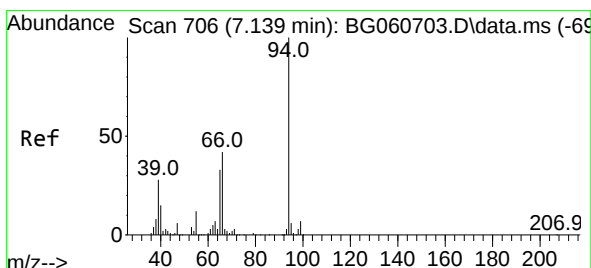
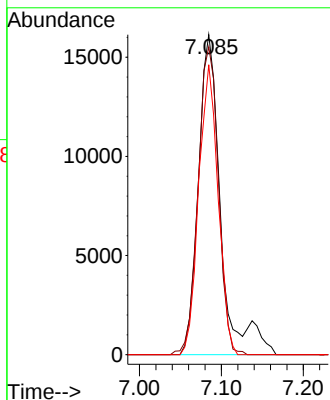
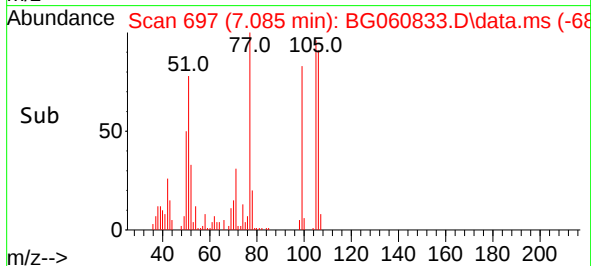
PB160074BS



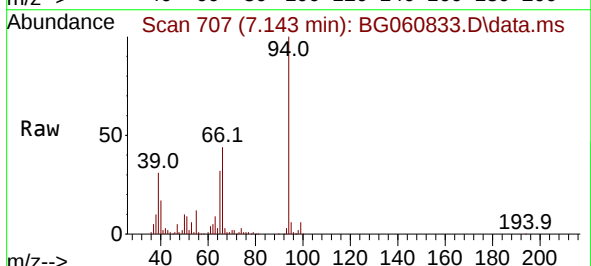
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Ion Ratio Lower Upper
77 100
105 96.2 76.0 116.0
106 90.6 70.3 110.3

Manual Integrations
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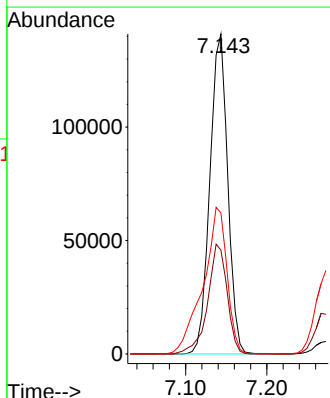
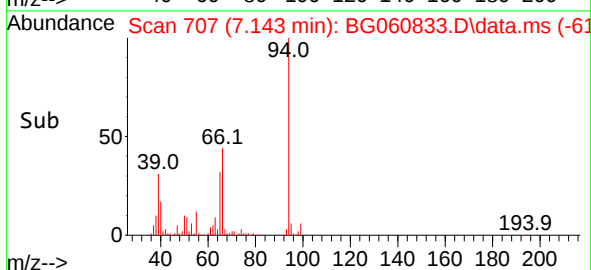
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

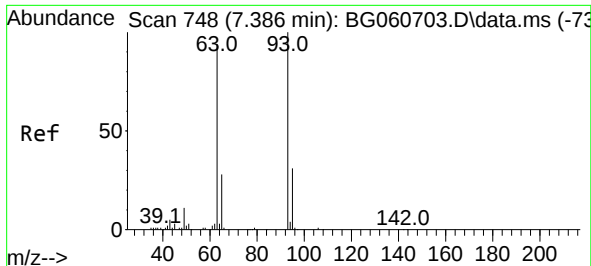


#10
Phenol
Concen: 45.258 ng
RT: 7.143 min Scan# 707
Delta R.T. 0.004 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



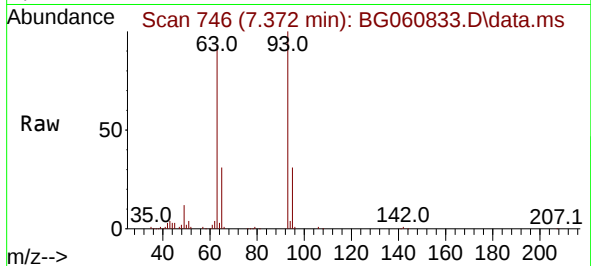
Tgt Ion: 94 Resp: 214842
Ion Ratio Lower Upper
94 100
65 32.4 13.3 53.3
66 44.1 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 38.948 ng
RT: 7.372 min Scan# 748
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

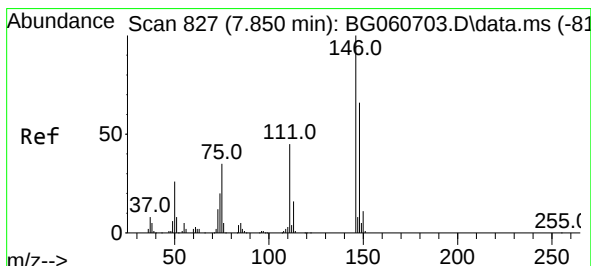
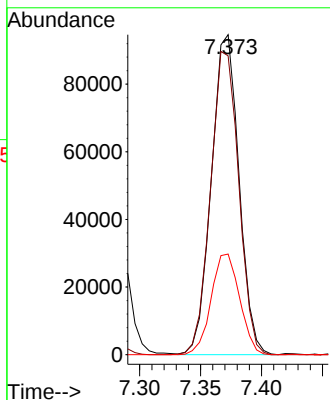
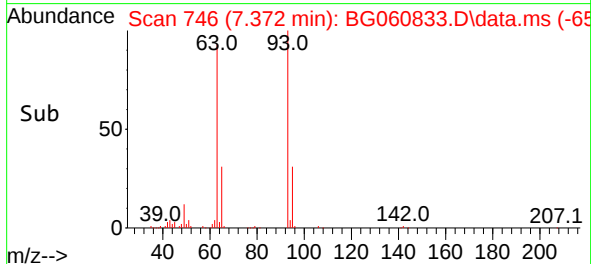
Instrument :
BNA_G
ClientSampleId :
PB160074BS



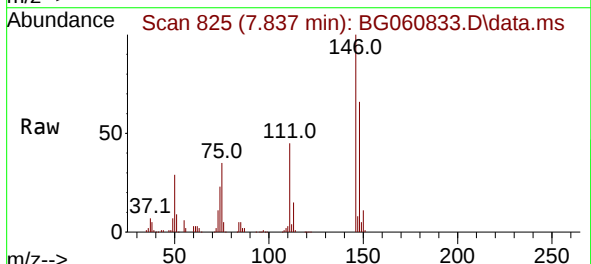
Tgt Ion: 93 Resp: 14927
Ion Ratio Lower Upper
93 100
63 93.4 73.7 113.7
95 31.5 11.2 51.2

Manual Integrations
APPROVED

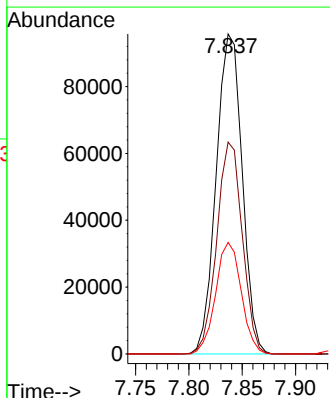
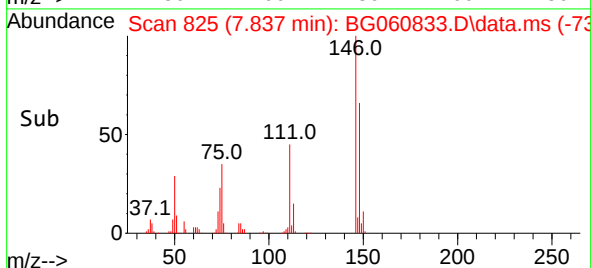
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

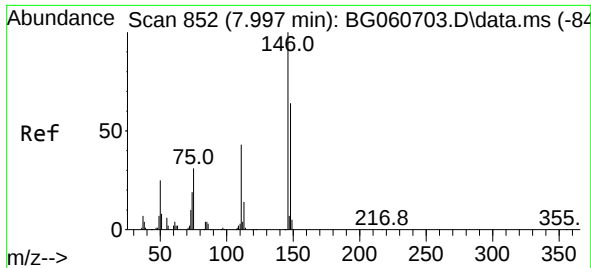


#12
1,3-Dichlorobenzene
Concen: 43.992 ng
RT: 7.837 min Scan# 825
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:146 Resp: 162524
Ion Ratio Lower Upper
146 100
148 66.2 53.0 79.4
75 34.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 45.169 ng

RT: 7.984 min Scan# 81

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:146 Resp: 170244

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

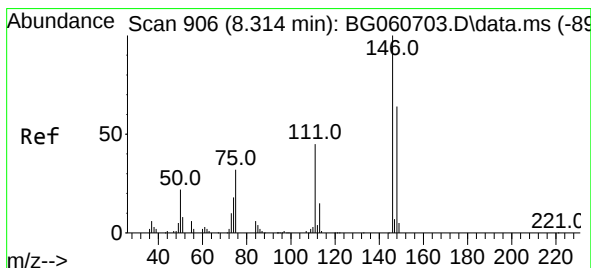
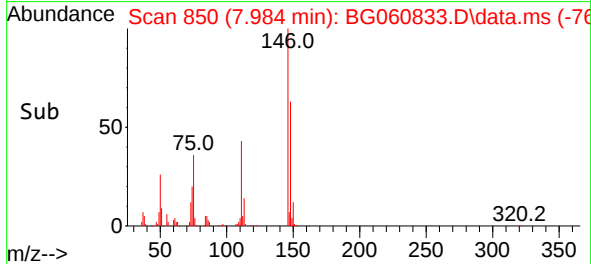
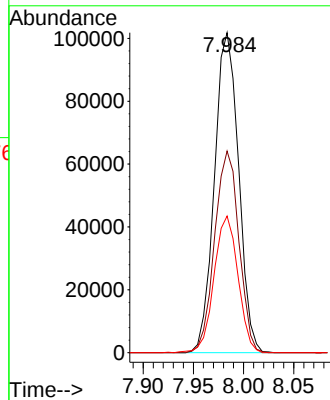
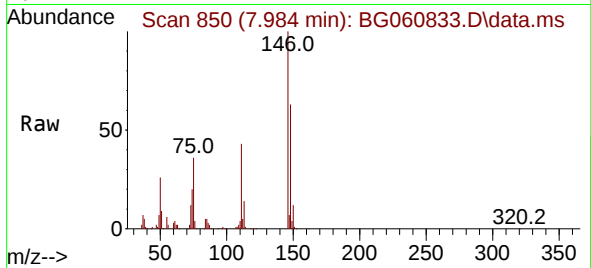
111 42.7 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#14

1,2-Dichlorobenzene

Concen: 44.991 ng

RT: 8.301 min Scan# 904

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

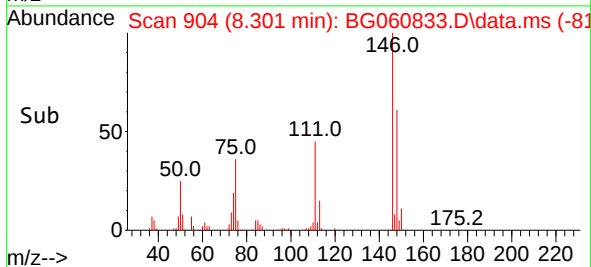
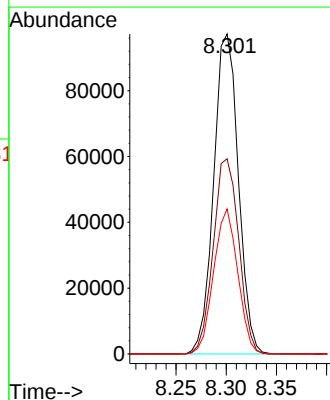
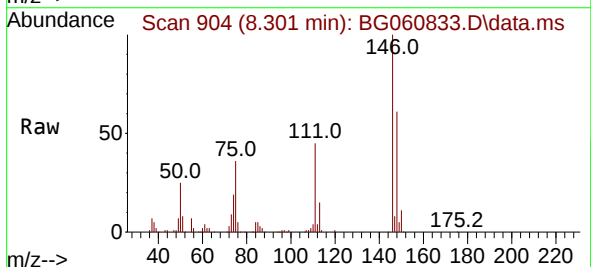
Tgt Ion:146 Resp: 166182

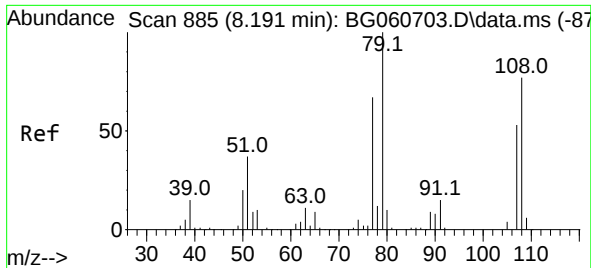
Ion Ratio Lower Upper

146 100

148 61.0 51.0 76.6

111 45.4 36.0 54.0





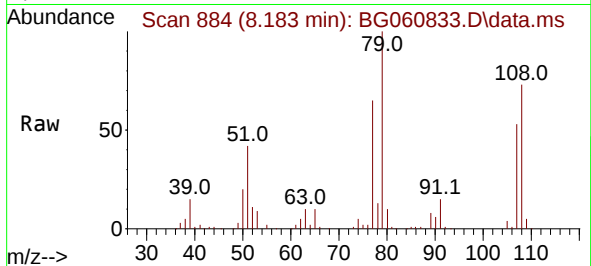
#15
Benzyl Alcohol
Concen: 43.255 ng
RT: 8.183 min Scan# 885
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

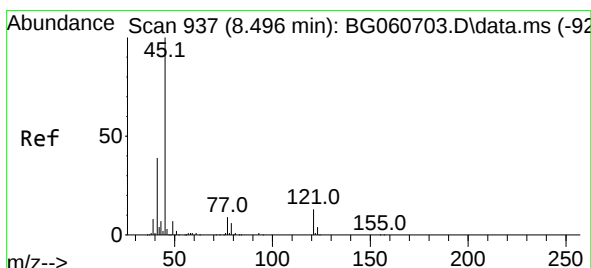
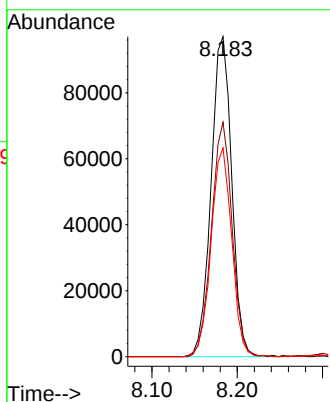
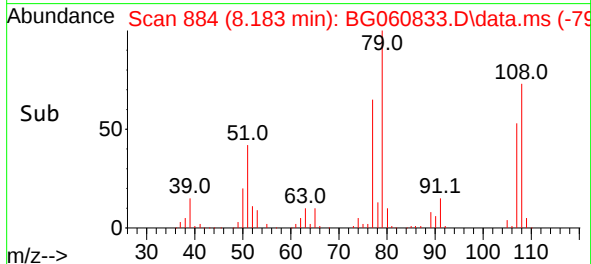
PB160074BS



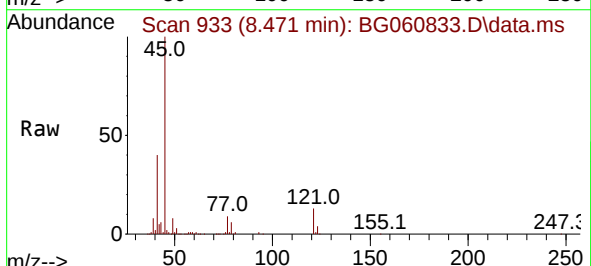
Tgt Ion: 79 Resp: 162974
Ion Ratio Lower Upper
79 100
108 73.3 61.4 92.0
77 65.2 53.6 80.4

Manual Integrations
APPROVED

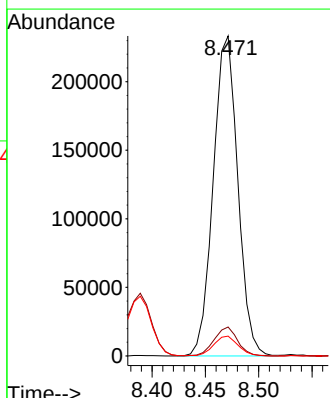
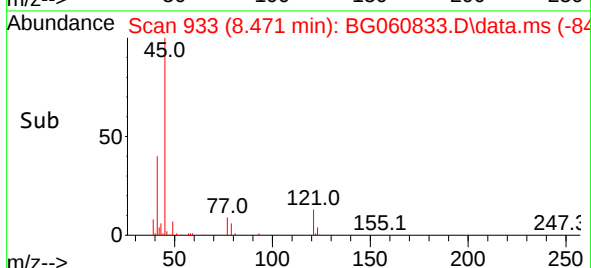
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.146 ng
RT: 8.471 min Scan# 933
Delta R.T. -0.025 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion: 45 Resp: 373187
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.1
79 6.2 0.0 26.5





#17
2-Methylphenol
Concen: 42.712 ng
RT: 8.389 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

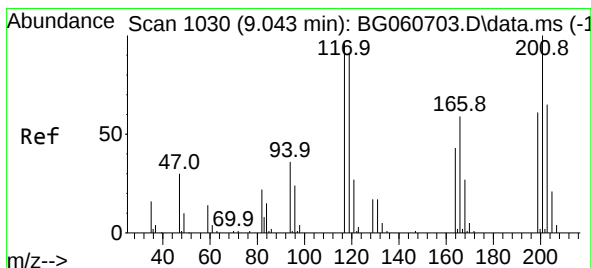
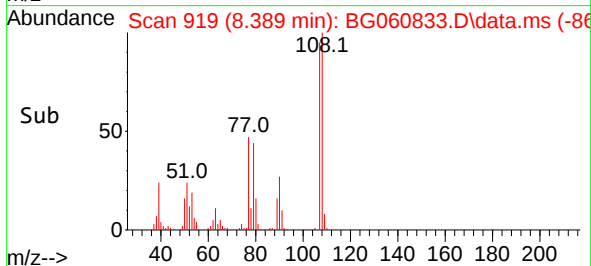
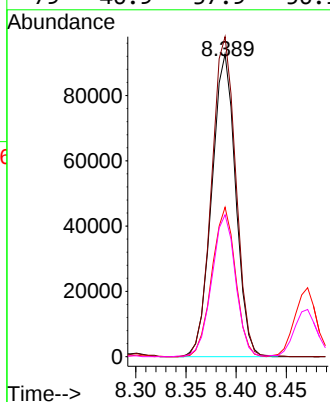
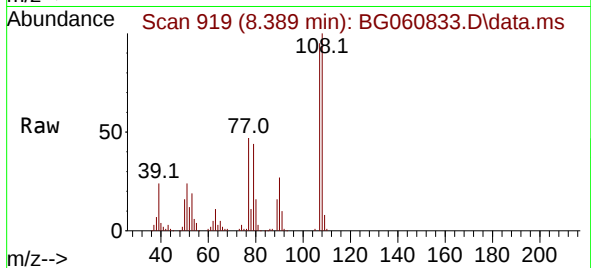
Tgt Ion:	107	Resp:	15306
Ion	Ratio	Lower	Upper
107	100		
108	105.7	86.4	129.6
77	49.4	38.6	58.0
79	46.9	37.9	56.9

Manual Integrations

APPROVED

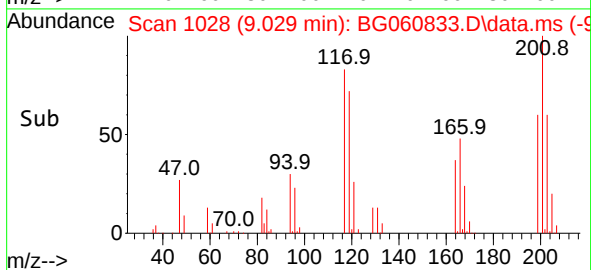
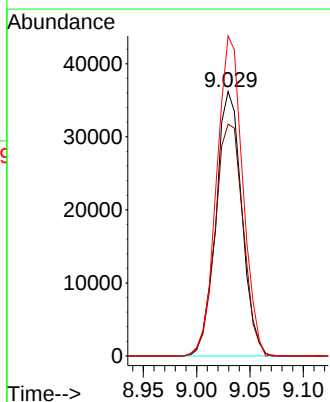
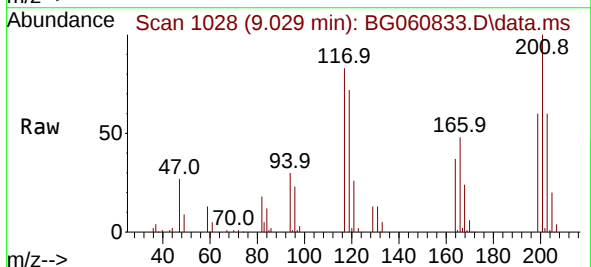
Reviewed By :Yogesh Patel 04/10/2024

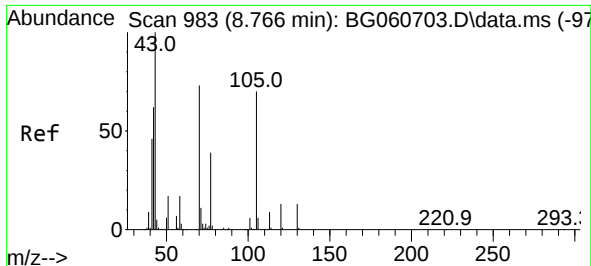
Supervised By :mohammad ahmed 04/10/2024



#18
Hexachloroethane
Concen: 45.607 ng
RT: 9.029 min Scan# 1028
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:	117	Resp:	61050
Ion	Ratio	Lower	Upper
117	100		
119	87.6	75.7	113.5
201	121.0	83.4	125.2





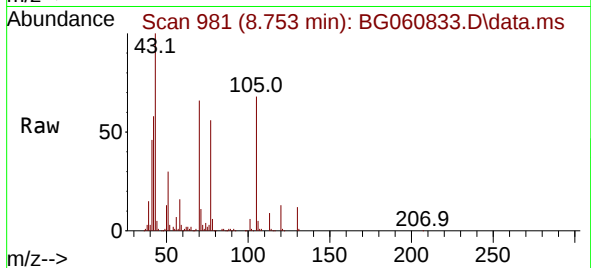
#19
n-Nitroso-di-n-propylamine
Concen: 39.446 ng
RT: 8.753 min Scan# 981
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



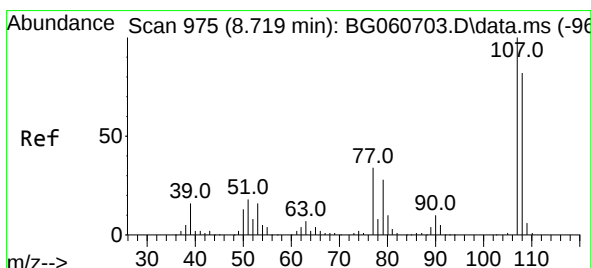
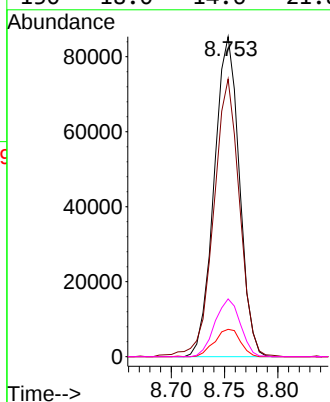
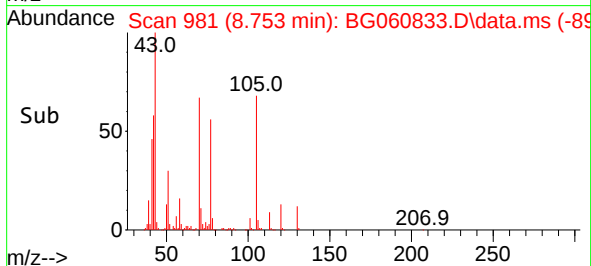
Tgt Ion: 70 Resp: 13992
Ion Ratio Lower Upper
70 100
42 86.8 68.4 102.6
101 8.6 6.1 9.1
130 18.0 14.6 21.8

Manual Integrations

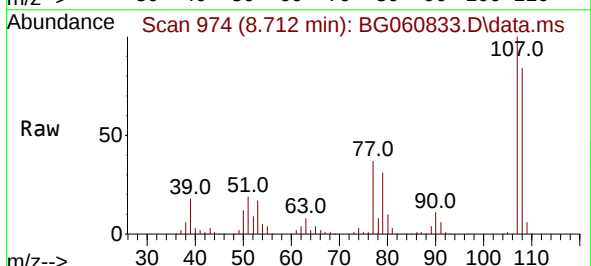
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

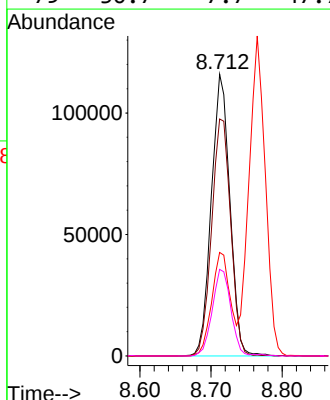
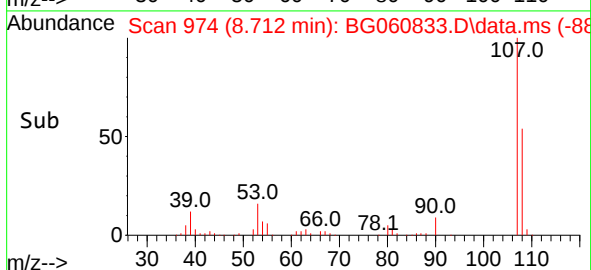
Supervised By :mohammad ahmed 04/10/2024



#20
3+4-Methylphenols
Concen: 42.841 ng
RT: 8.712 min Scan# 974
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:107 Resp: 210234
Ion Ratio Lower Upper
107 100
108 84.1 62.2 102.2
77 36.8 14.1 54.1
79 30.7 7.7 47.7





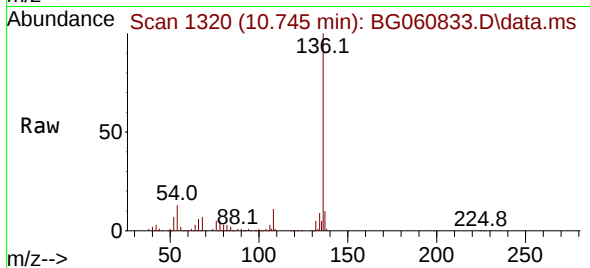
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



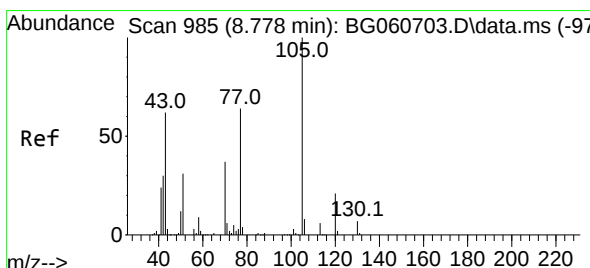
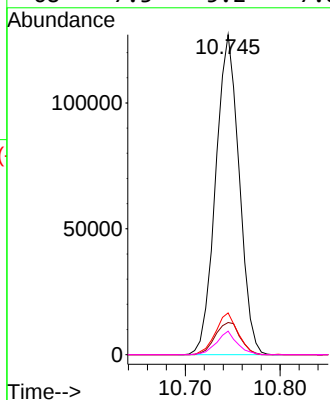
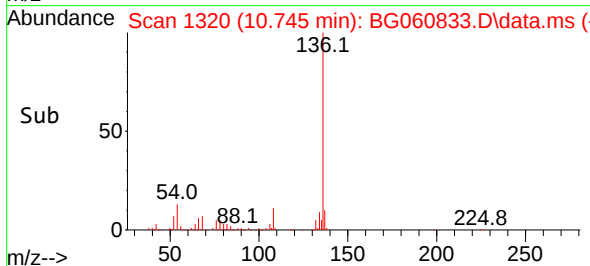
Tgt Ion:136 Resp: 219008
Ion Ratio Lower Upper
136 100
137 10.0 8.8 13.2
54 13.0 10.2 15.2
68 7.3 5.2 7.8

Manual Integrations

APPROVED

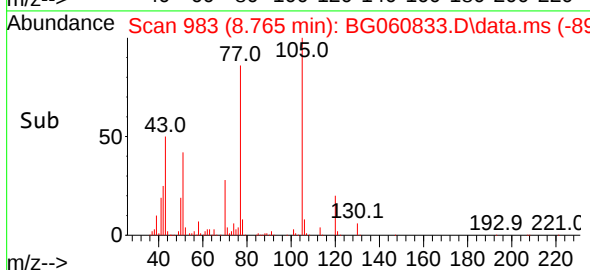
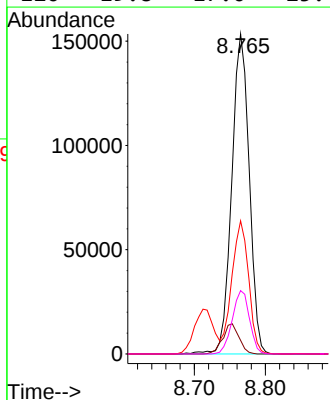
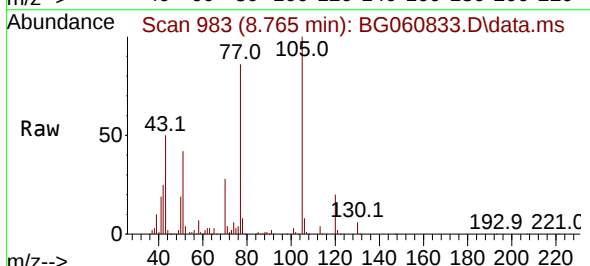
Reviewed By :Yogesh Patel 04/10/2024

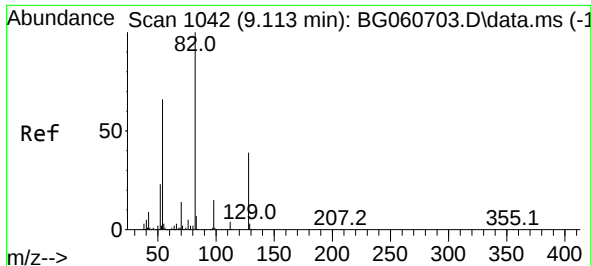
Supervised By :mohammad ahmed 04/10/2024



#22
Acetophenone
Concen: 43.516 ng
RT: 8.765 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:105 Resp: 262787
Ion Ratio Lower Upper
105 100
71 4.3 4.9 7.3#
51 41.6 31.1 46.7
120 19.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 99.685 ng

RT: 9.106 min Scan# 1041

Delta R.T. -0.007 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion: 82 Resp: 38260

Ion Ratio Lower Upper

82 100

128 39.3 31.2 46.8

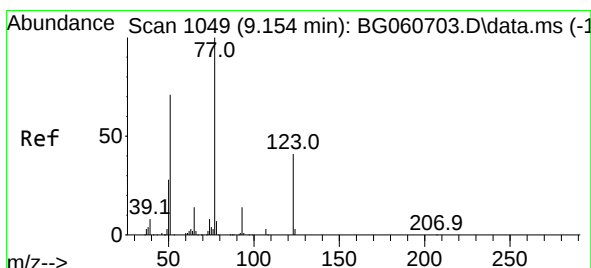
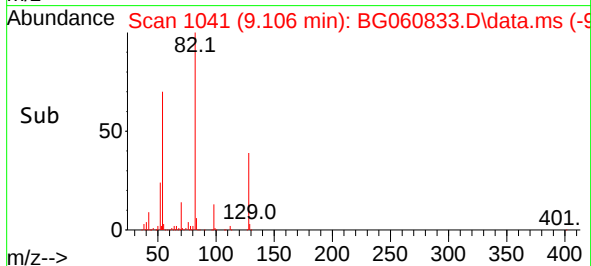
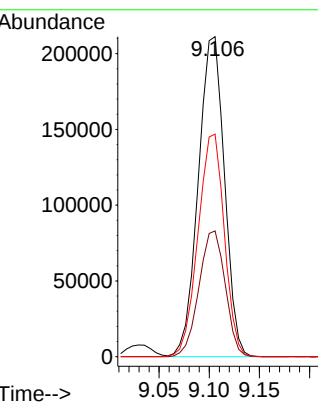
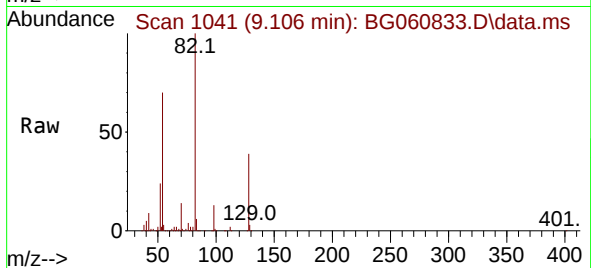
54 69.6 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#24

Nitrobenzene

Concen: 45.894 ng

RT: 9.141 min Scan# 1047

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

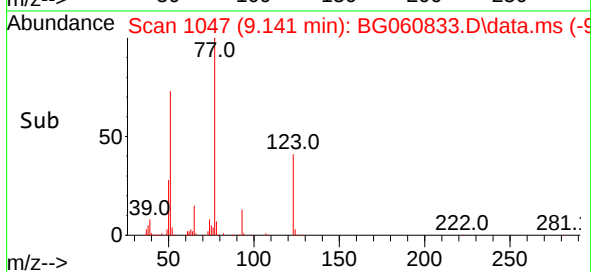
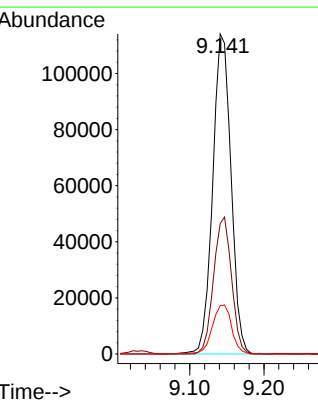
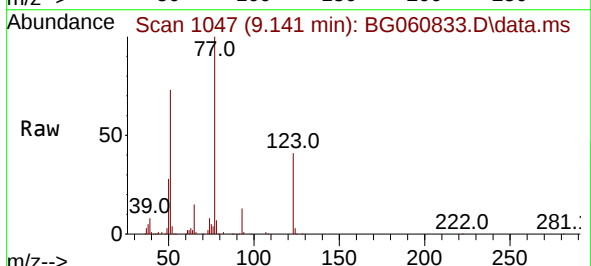
Tgt Ion: 77 Resp: 195521

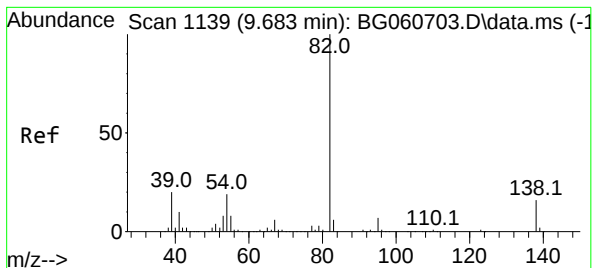
Ion Ratio Lower Upper

77 100

123 40.8 32.7 49.1

65 15.1 11.3 16.9





#25

Isophorone

Concen: 41.104 ng

RT: 9.670 min Scan# 1137

Delta R.T. -0.013 min

Lab File: BG060833.D

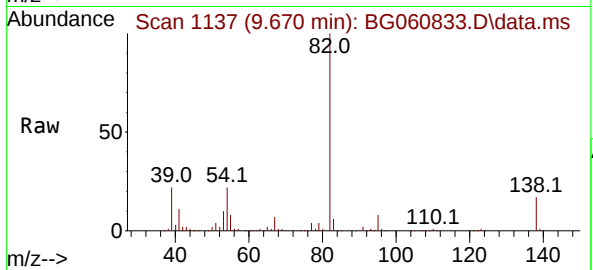
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



Tgt Ion: 82 Resp: 36336

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.8

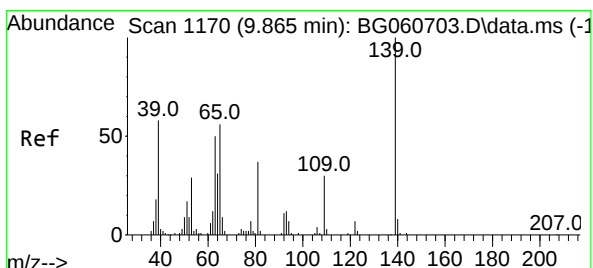
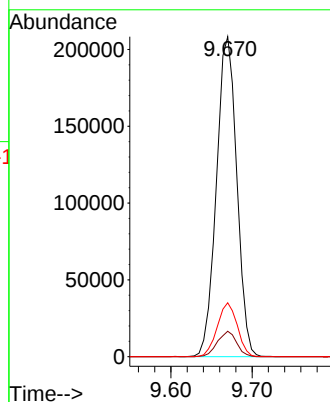
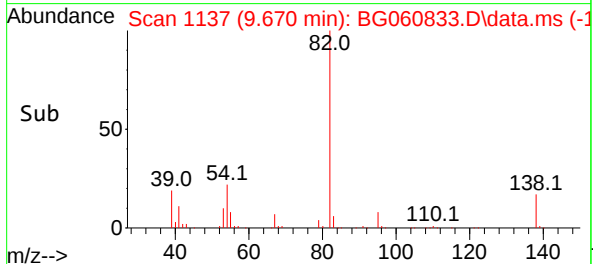
138 16.8 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#26

2-Nitrophenol

Concen: 54.835 ng

RT: 9.852 min Scan# 1168

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

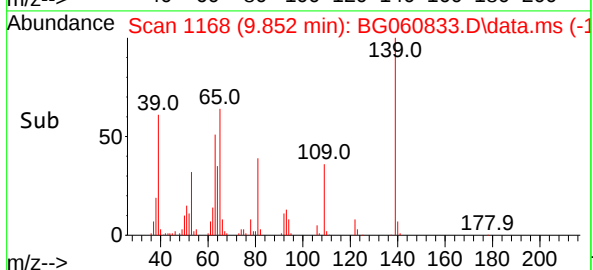
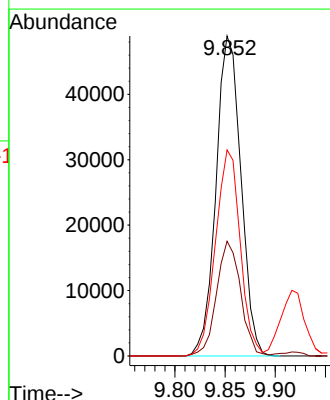
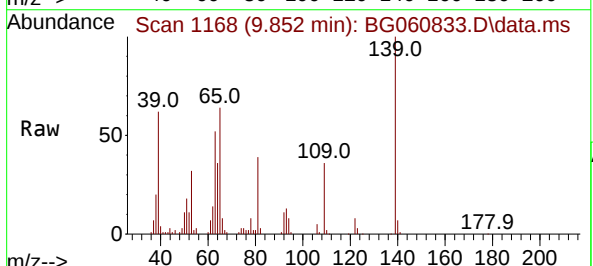
Tgt Ion:139 Resp: 84455

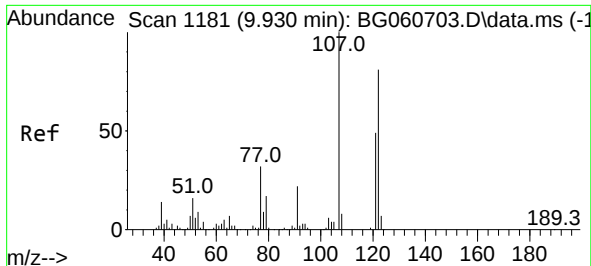
Ion Ratio Lower Upper

139 100

109 35.9 23.9 35.9

65 64.4 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.311 ng

RT: 9.917 min Scan# 1181

Delta R.T. -0.013 min

Lab File: BG060833.D

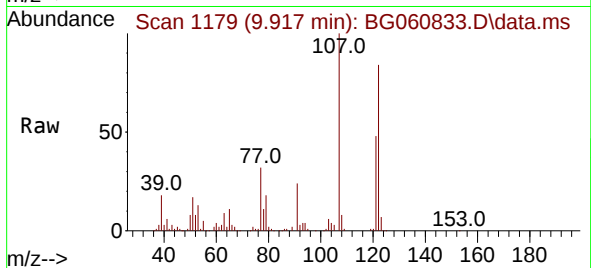
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



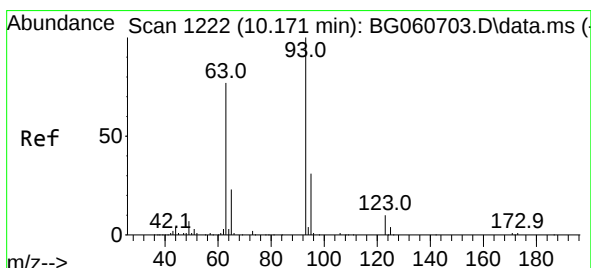
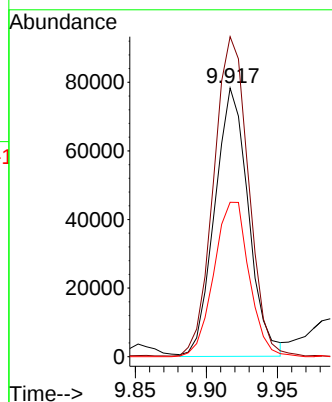
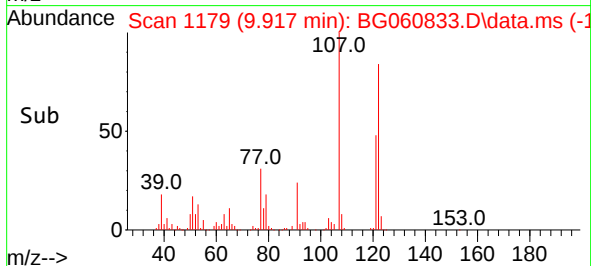
Tgt Ion:	122	Resp:	128944
Ion	Ratio	Lower	Upper
122	100		
107	119.1	98.6	147.8
121	57.5	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.800 ng

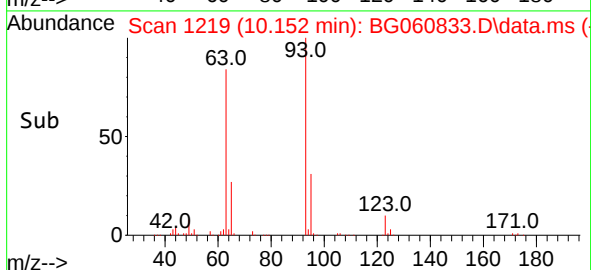
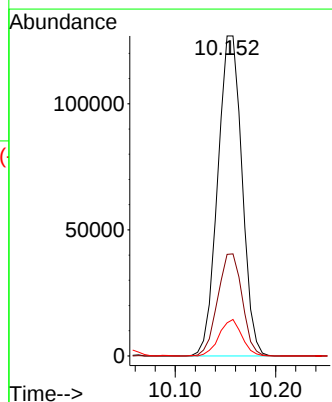
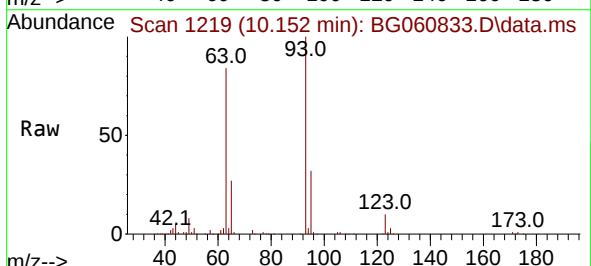
RT: 10.152 min Scan# 1219

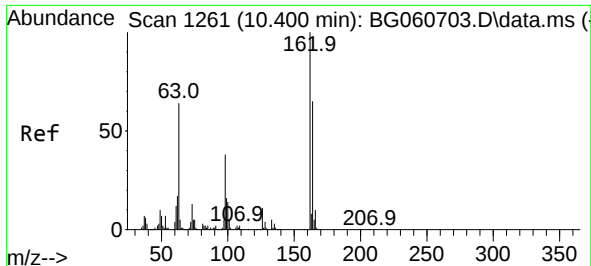
Delta R.T. -0.019 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Tgt Ion:	93	Resp:	212941
Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.1	37.7
123	10.4	8.0	12.0





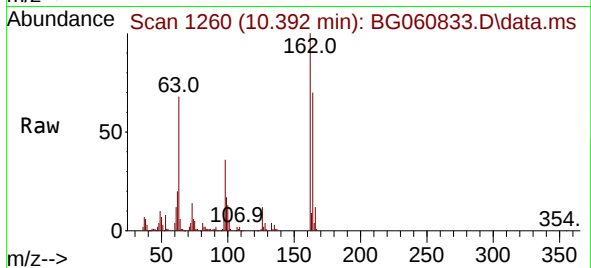
#29
2,4-Dichlorophenol
Concen: 52.342 ng
RT: 10.392 min Scan# 1260
Delta R.T. -0.008 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

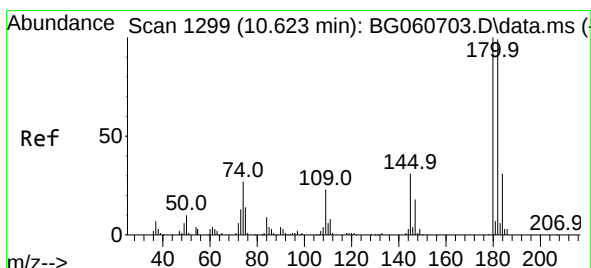
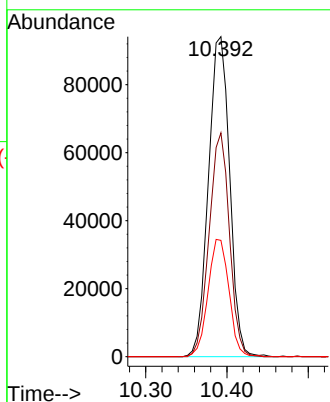
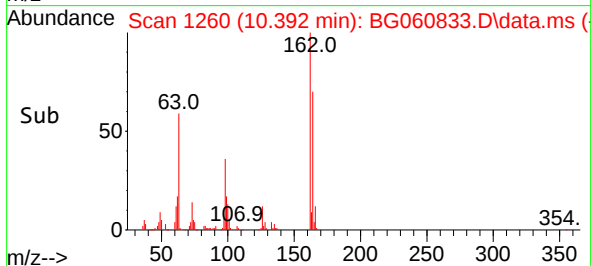


Tgt Ion:162 Resp: 170684
Ion Ratio Lower Upper
162 100
164 70.0 45.2 85.2
98 36.3 17.7 57.7

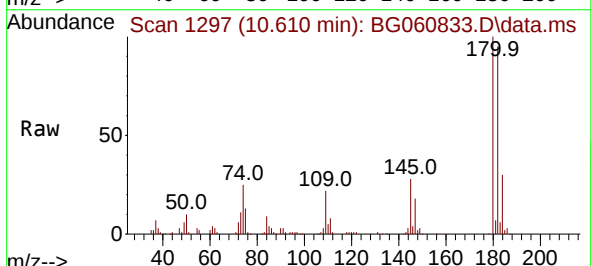
Manual Integrations

APPROVED

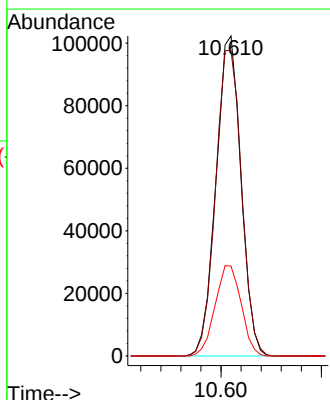
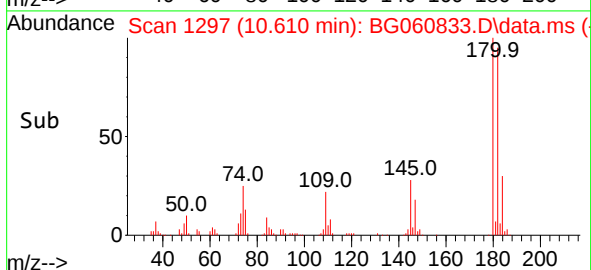
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

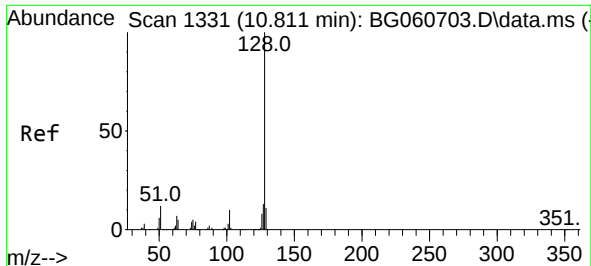


#30
1,2,4-Trichlorobenzene
Concen: 47.879 ng
RT: 10.610 min Scan# 1297
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:180 Resp: 176792
Ion Ratio Lower Upper
180 100
182 95.5 79.0 118.4
145 28.1 24.9 37.3





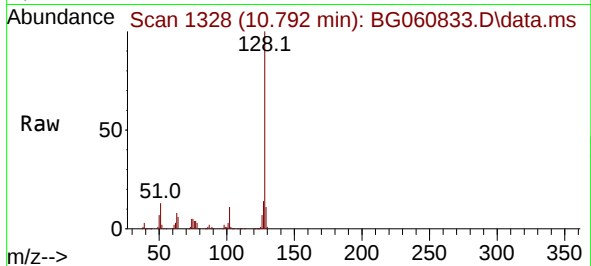
#31
Naphthalene
Concen: 42.648 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.019 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



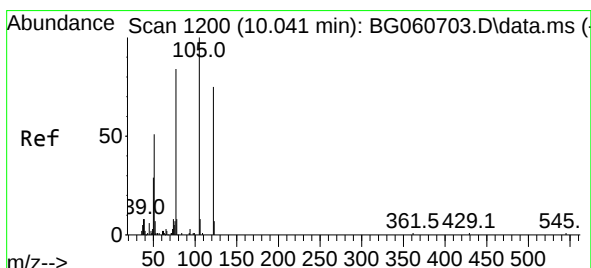
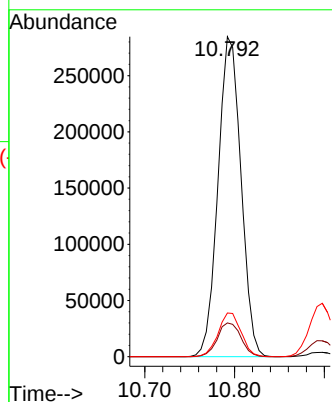
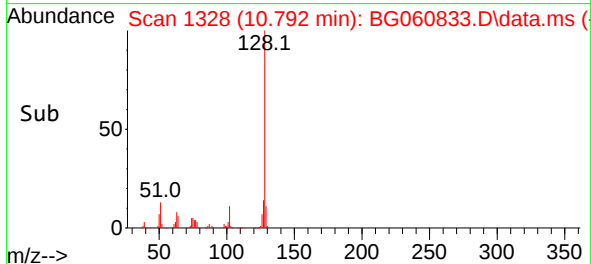
Tgt Ion:128 Resp: 50525
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.7 10.5 15.7

Manual Integrations

APPROVED

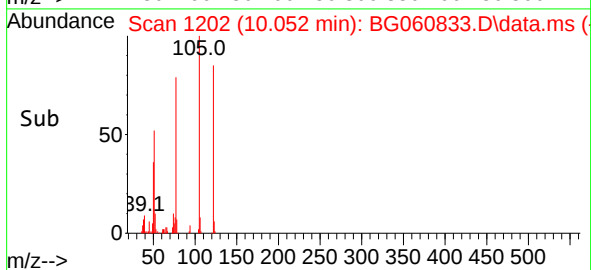
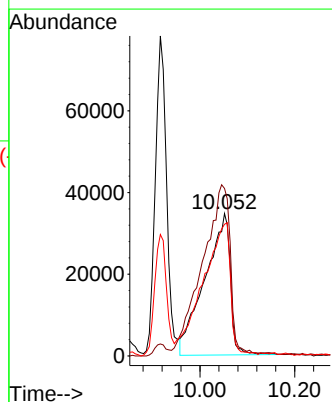
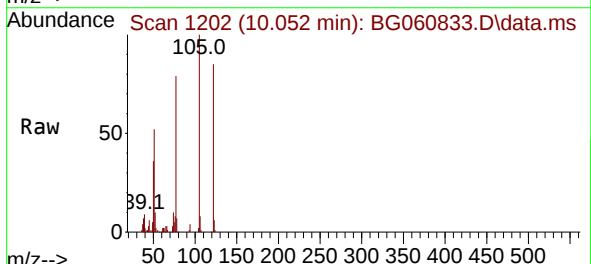
Reviewed By :Yogesh Patel 04/10/2024

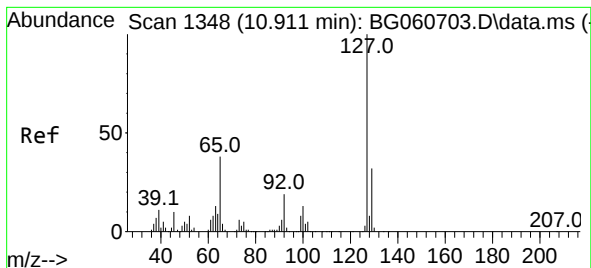
Supervised By :mohammad ahmed 04/10/2024



#32
Benzoic acid
Concen: 53.582 ng
RT: 10.052 min Scan# 1202
Delta R.T. 0.011 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:122 Resp: 128787
Ion Ratio Lower Upper
122 100
105 117.6 104.5 144.5
77 92.5 85.3 125.3





#33
4-Chloroaniline
Concen: 15.959 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

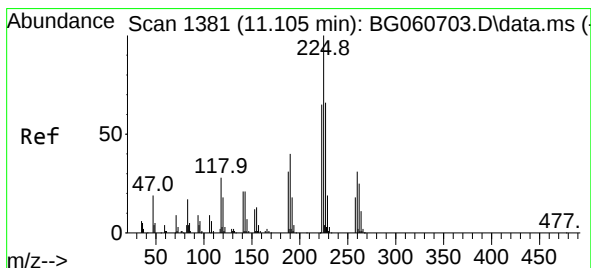
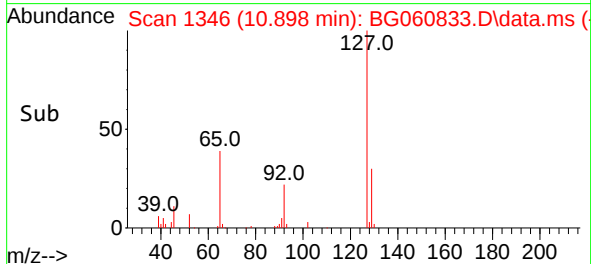
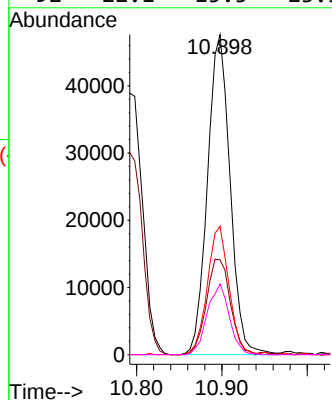
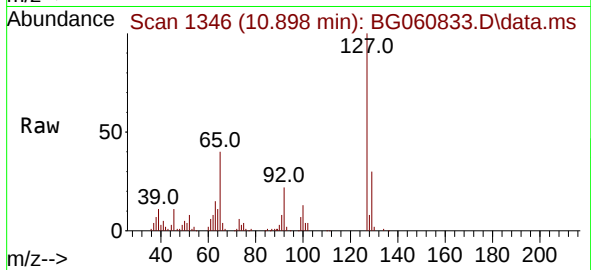
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.7	25.3	37.9
65	40.1	30.2	45.2
92	22.1	15.5	23.3

Manual Integrations

APPROVED

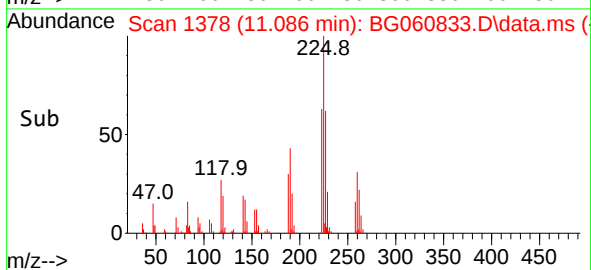
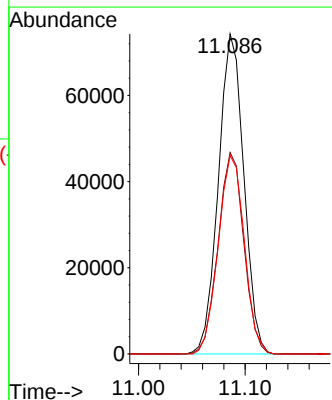
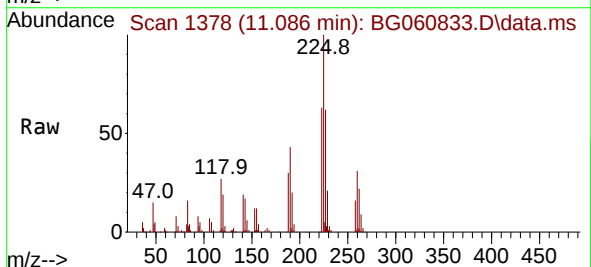
Reviewed By :Yogesh Patel 04/10/2024

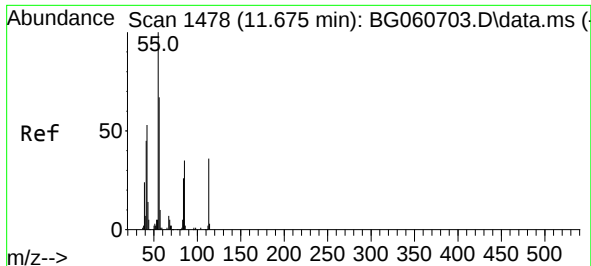
Supervised By :mohammad ahmed 04/10/2024



#34
Hexachlorobutadiene
Concen: 49.911 ng
RT: 11.086 min Scan# 1378
Delta R.T. -0.019 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

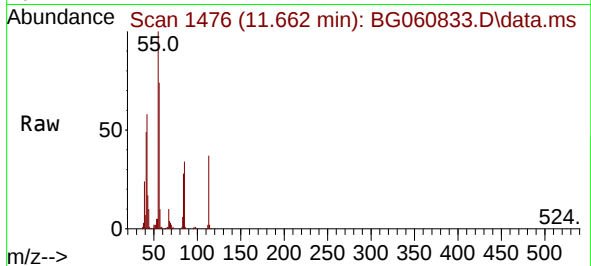
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.0	78.0
227	62.0	52.5	78.7





#35
Caprolactam
Concen: 46.249 ng m
RT: 11.662 min Scan# 1476
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

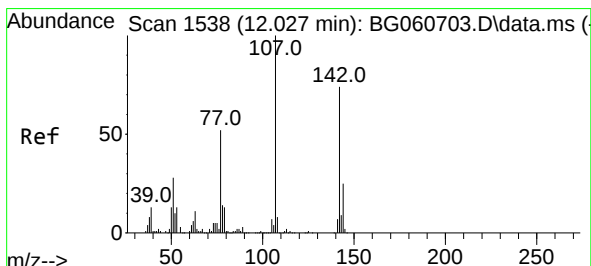
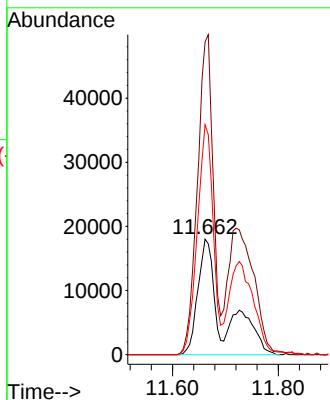
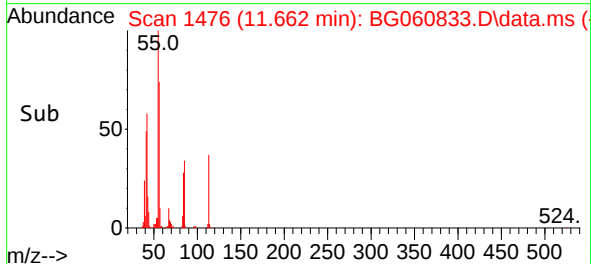
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion:113 Resp: 5973
Ion Ratio Lower Upper
113 100
55 270.8 258.0 298.0
56 199.1 166.3 206.3

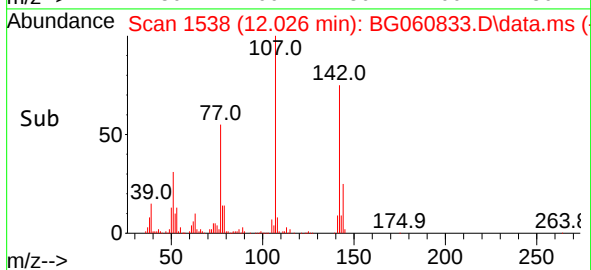
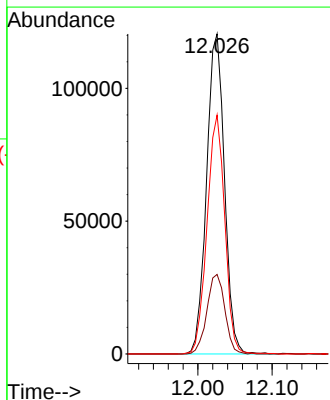
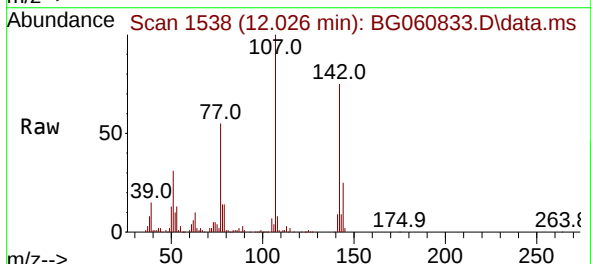
Manual Integrations
APPROVED

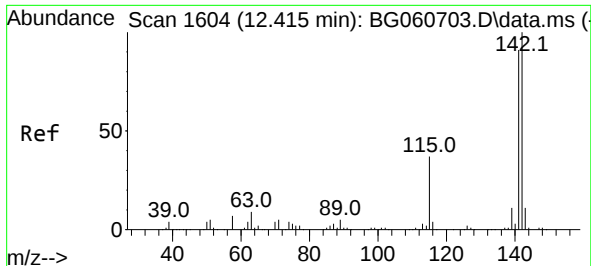
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#36
4-Chloro-3-methylphenol
Concen: 48.462 ng
RT: 12.026 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:107 Resp: 201880
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 74.7 59.2 88.8





#37
2-Methylnaphthalene
Concen: 41.869 ng
RT: 12.402 min Scan# 1602
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

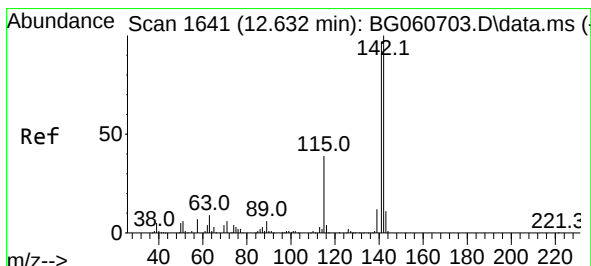
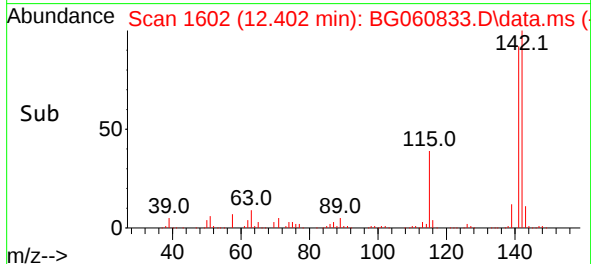
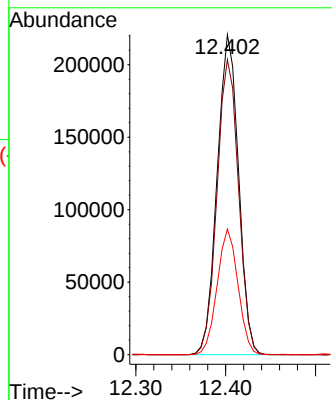
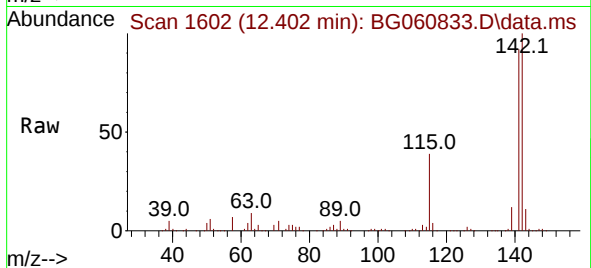
PB160074BS

Tgt Ion:142 Resp: 364670
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1
115 39.3 29.9 44.9

Manual Integrations

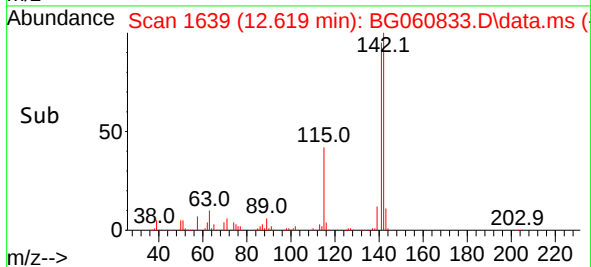
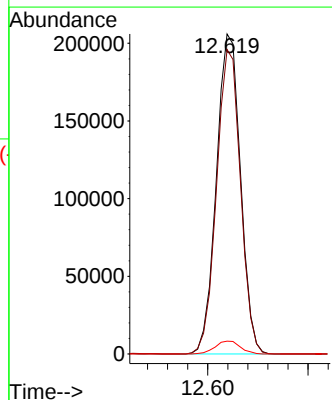
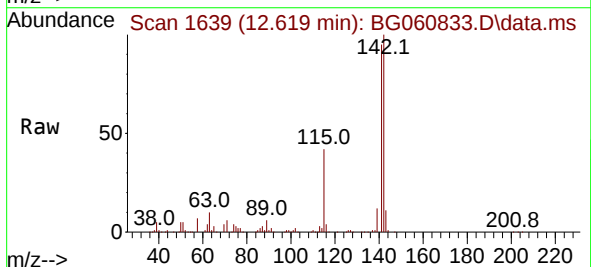
APPROVED

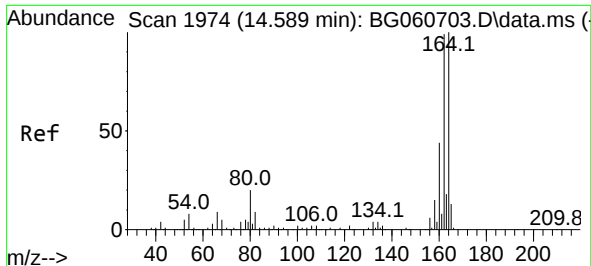
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#38
1-Methylnaphthalene
Concen: 41.655 ng
RT: 12.619 min Scan# 1639
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:142 Resp: 342741
Ion Ratio Lower Upper
142 100
141 95.1 77.7 116.5
116 4.0 3.4 5.2





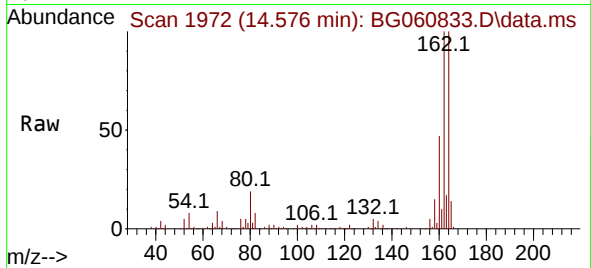
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1974
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

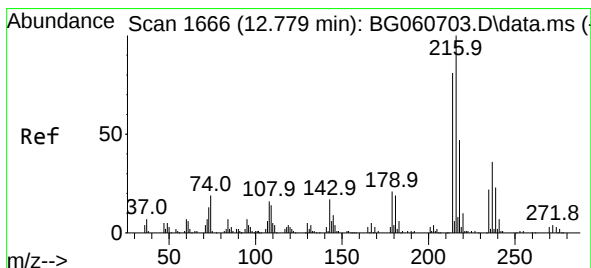
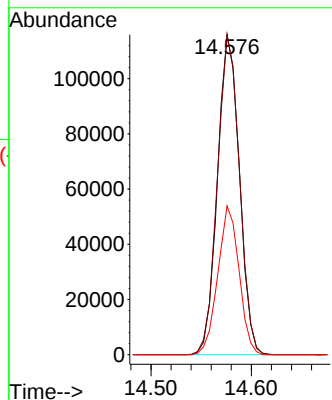
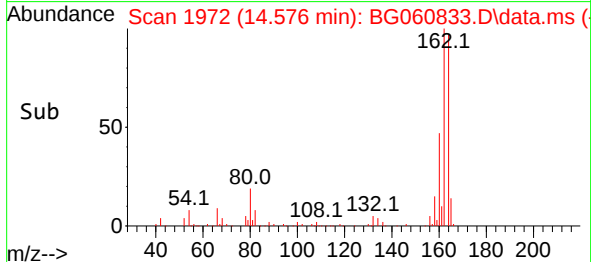


Tgt Ion:164 Resp: 17554
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 46.5 35.4 53.0

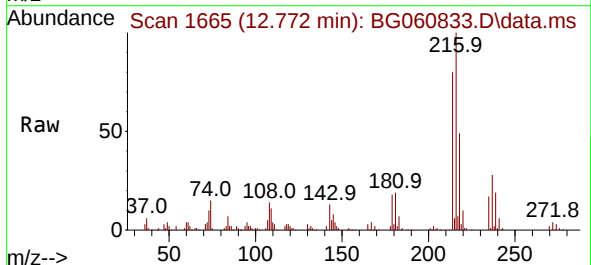
Manual Integrations

APPROVED

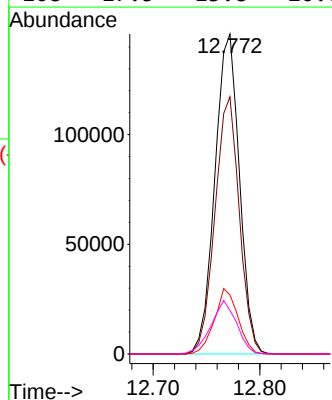
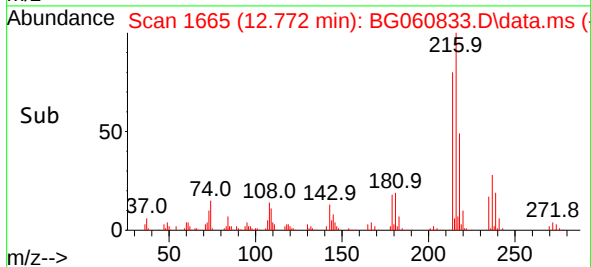
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

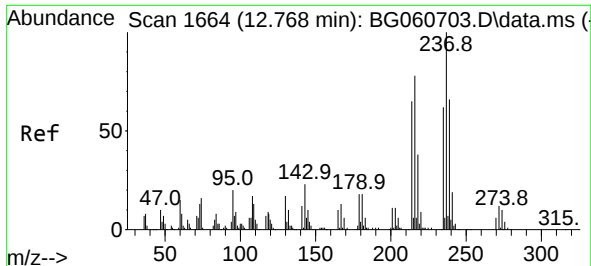


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.188 ng
RT: 12.772 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:216 Resp: 233102
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 19.6 16.7 25.1
108 17.5 13.8 20.6





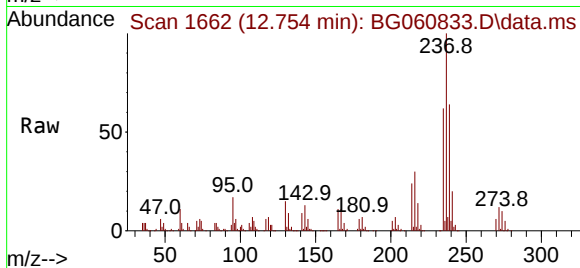
#41
Hexachlorocyclopentadiene
Concen: 106.524 ng
RT: 12.754 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

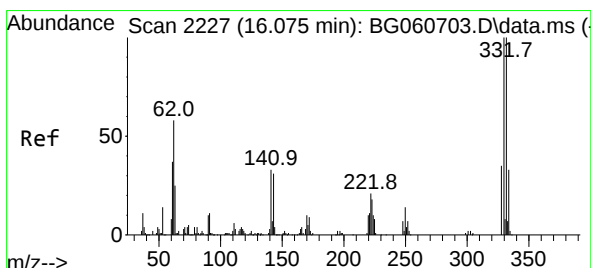
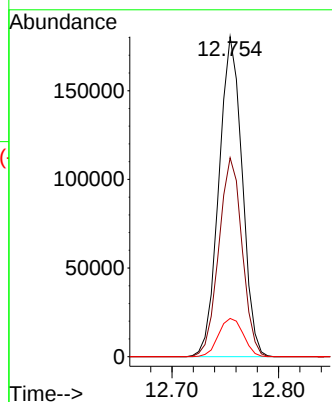
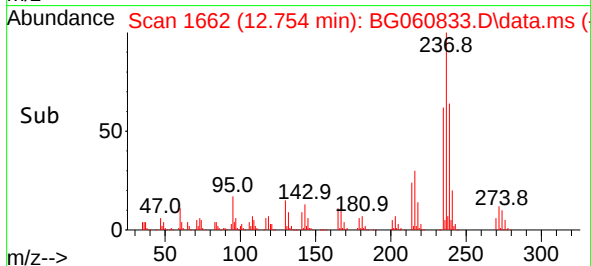


Tgt Ion:237 Resp: 27335
Ion Ratio Lower Upper
237 100
235 62.2 42.0 82.0
272 12.0 0.0 32.4

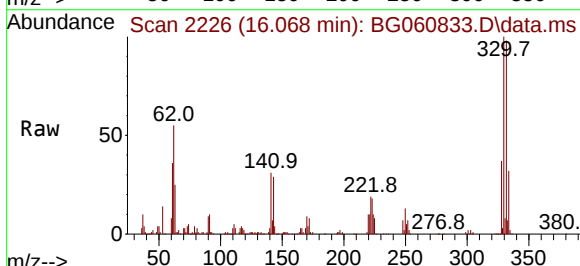
Manual Integrations

APPROVED

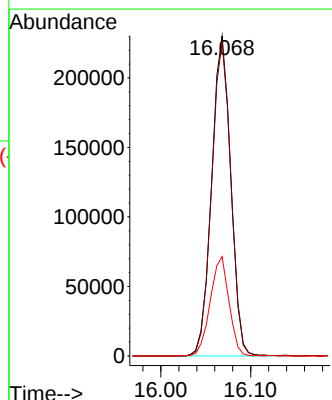
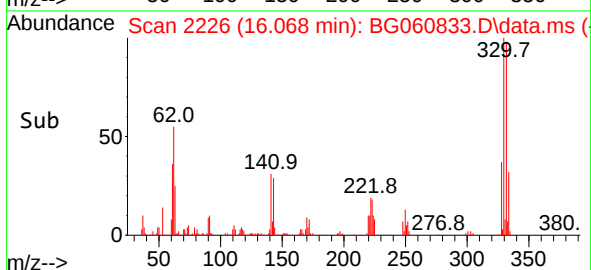
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

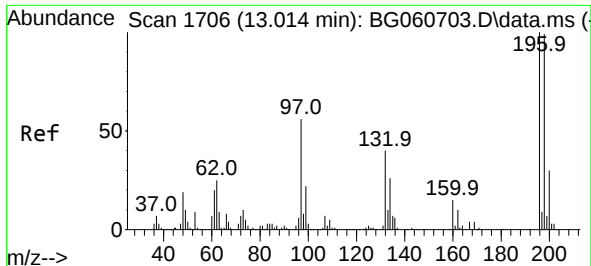


#42
2,4,6-Tribromophenol
Concen: 170.793 ng
RT: 16.068 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:330 Resp: 340346
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.4
141 30.4 27.0 40.6





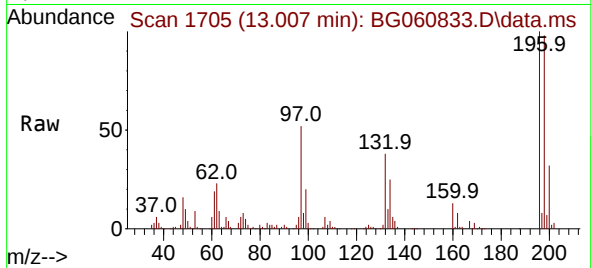
#43
2,4,6-Trichlorophenol
Concen: 51.634 ng
RT: 13.007 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

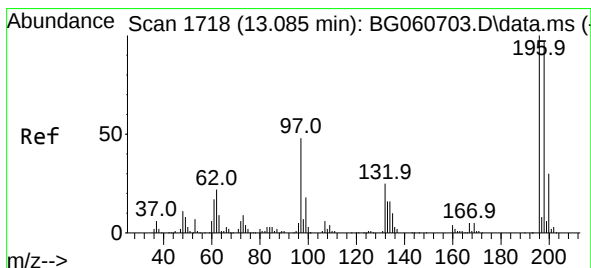
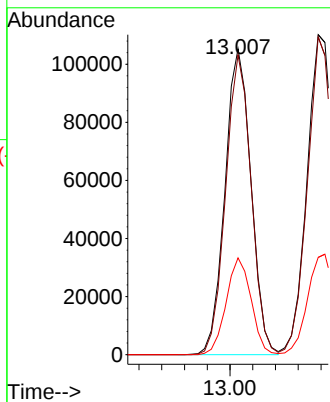
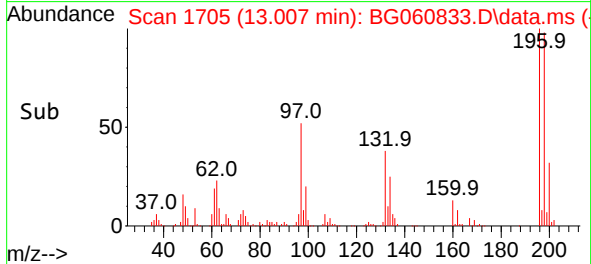


Tgt Ion:196 Resp: 167794
Ion Ratio Lower Upper
196 100
198 97.9 79.1 118.7
200 31.7 24.0 36.0

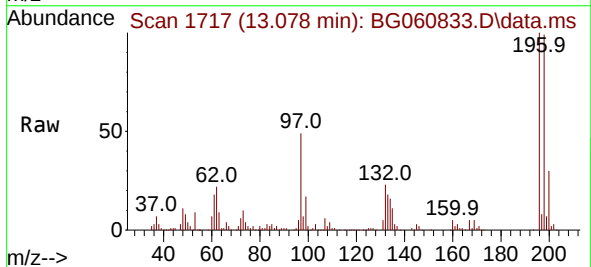
Manual Integrations

APPROVED

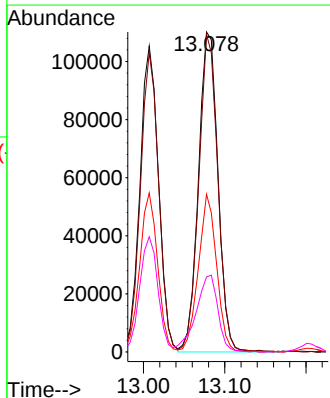
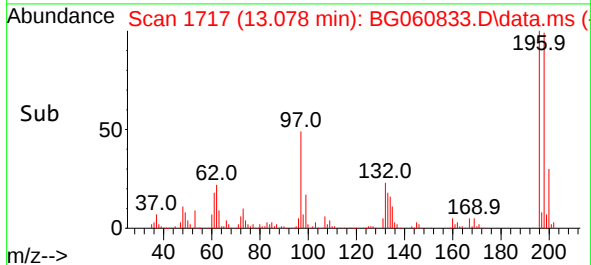
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

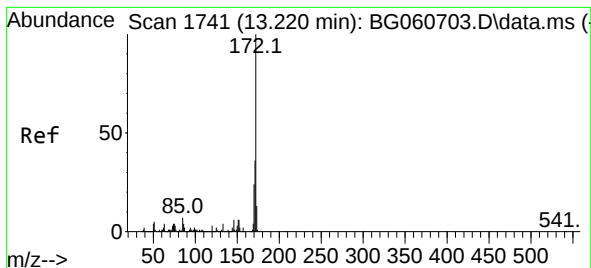


#44
2,4,5-Trichlorophenol
Concen: 47.499 ng
RT: 13.078 min Scan# 1717
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:196 Resp: 184207
Ion Ratio Lower Upper
196 100
198 99.3 77.8 116.8
97 49.3 38.2 57.4
132 23.4 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 81.564 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

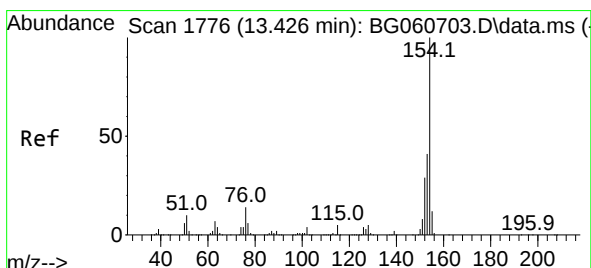
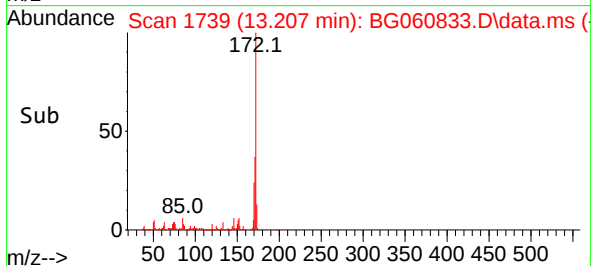
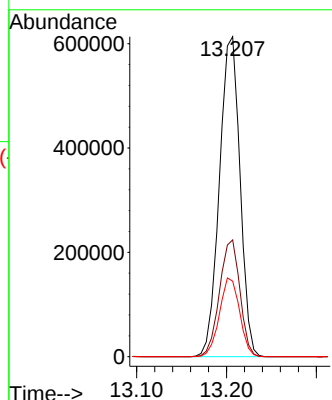
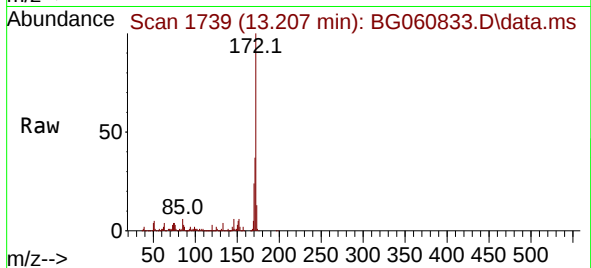
PB160074BS

Tgt Ion:172 Resp: 975600
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 23.6 19.4 29.0

Manual Integrations

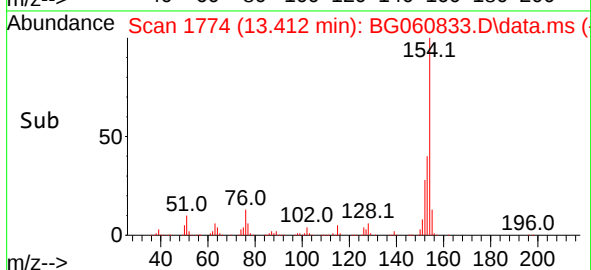
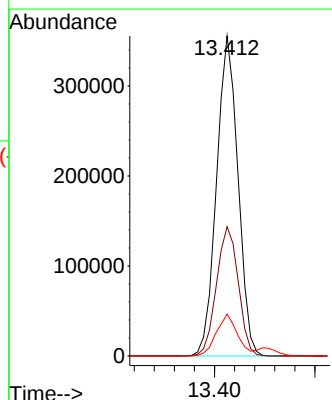
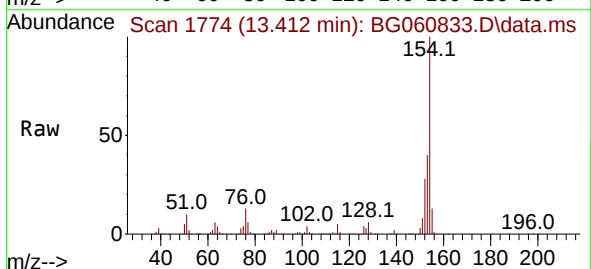
APPROVED

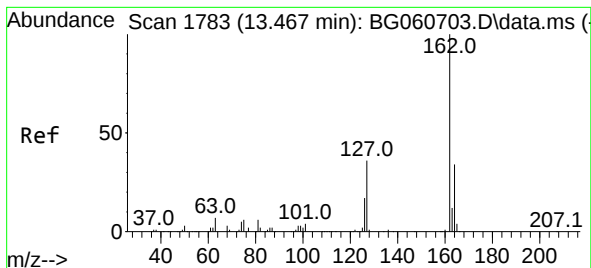
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#46
1,1'-Biphenyl
Concen: 42.410 ng
RT: 13.412 min Scan# 1774
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:154 Resp: 525858
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 13.1 0.0 33.9





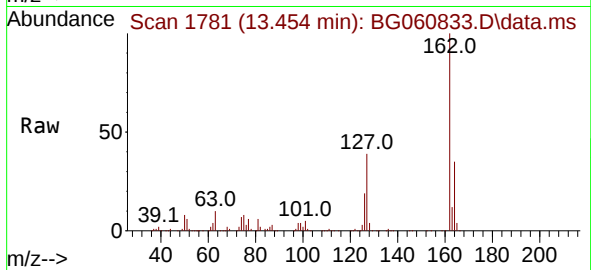
#47
2-Chloronaphthalene
Concen: 43.309 ng
RT: 13.454 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



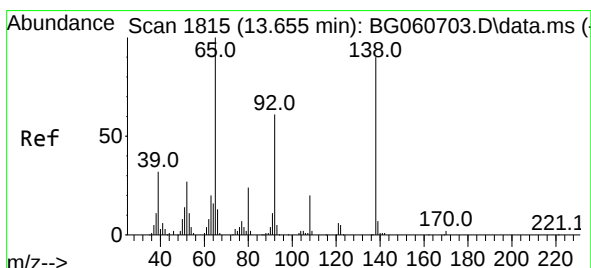
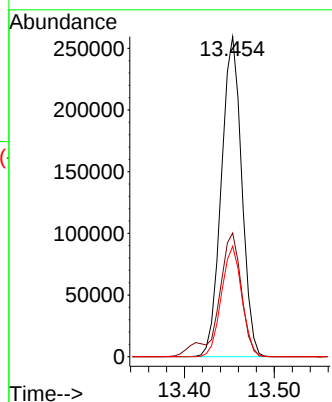
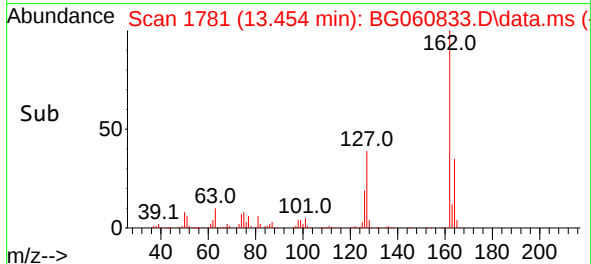
Tgt Ion:162 Resp: 408009
Ion Ratio Lower Upper
162 100
127 38.6 30.6 46.0
164 34.5 26.9 40.3

Manual Integrations

APPROVED

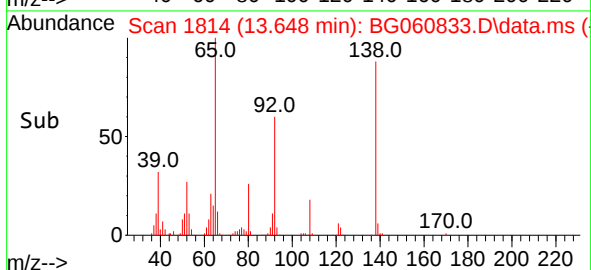
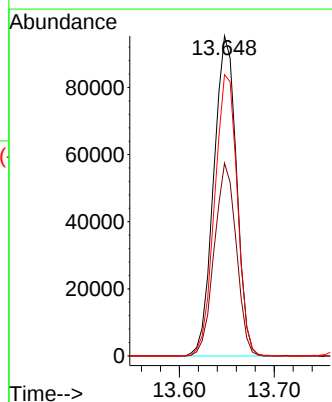
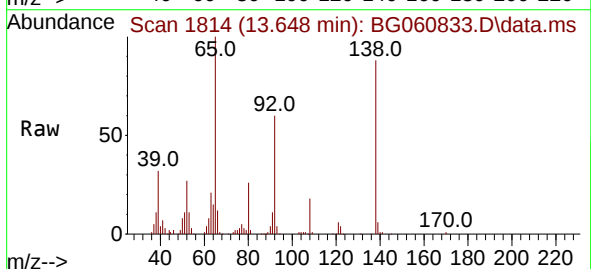
Reviewed By :Yogesh Patel 04/10/2024

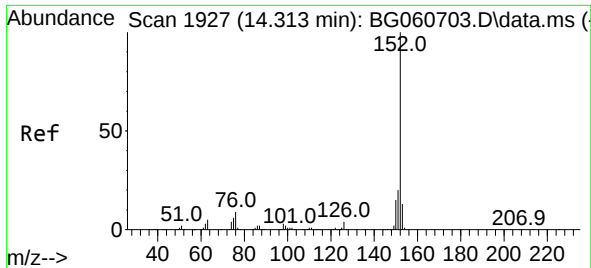
Supervised By :mohammad ahmed 04/10/2024



#48
2-Nitroaniline
Concen: 51.404 ng
RT: 13.648 min Scan# 1814
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion: 65 Resp: 158946
Ion Ratio Lower Upper
65 100
92 60.2 48.6 72.8
138 87.9 72.2 108.4





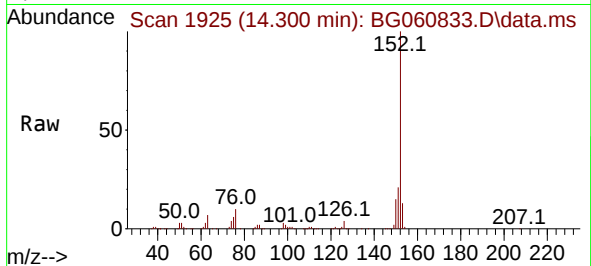
#49
Acenaphthylene
Concen: 45.402 ng
RT: 14.300 min Scan# 1927
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



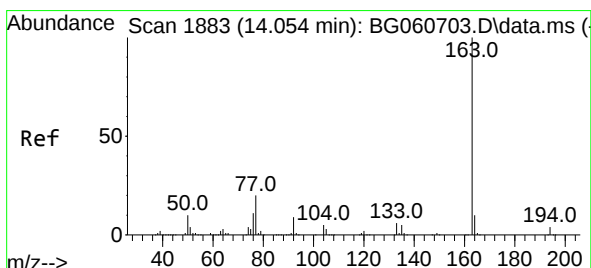
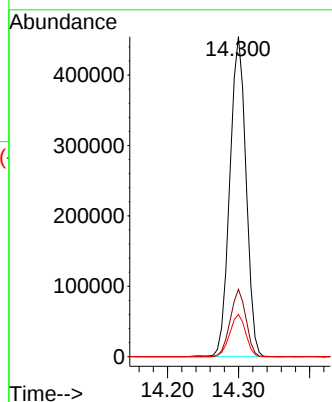
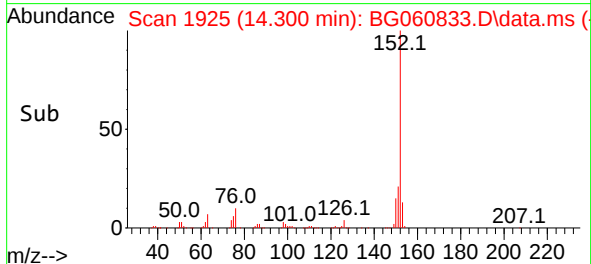
Tgt Ion:152 Resp: 71868
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.2 10.5 15.7

Manual Integrations

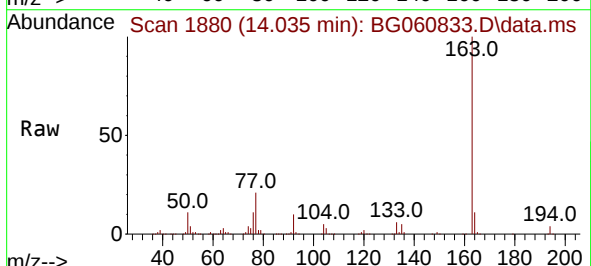
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

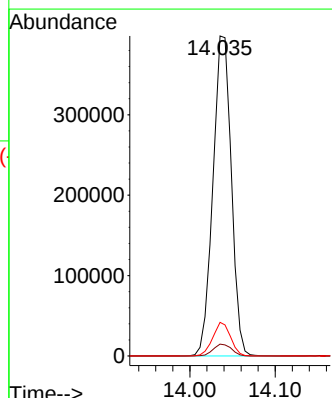
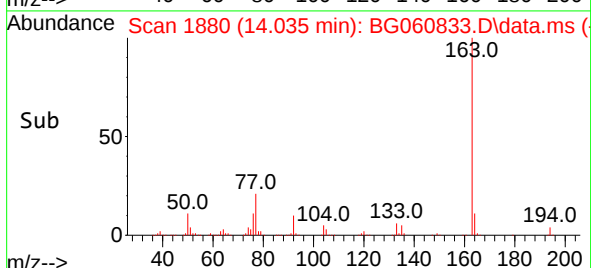
Supervised By :mohammad ahmed 04/10/2024

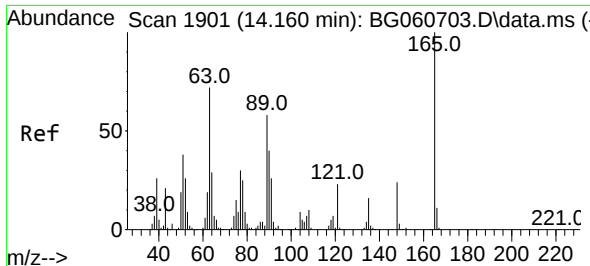


#50
Dimethylphthalate
Concen: 42.909 ng
RT: 14.035 min Scan# 1880
Delta R.T. -0.019 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:163 Resp: 595384
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.342 ng
RT: 14.147 min Scan# 1899
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

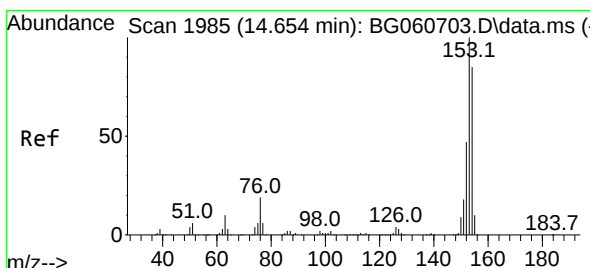
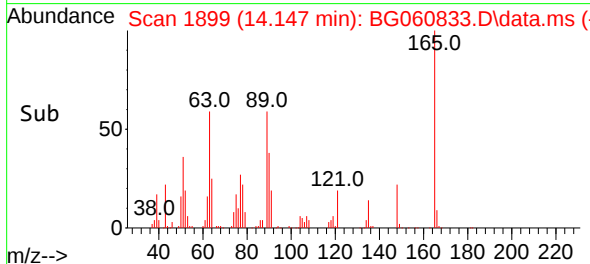
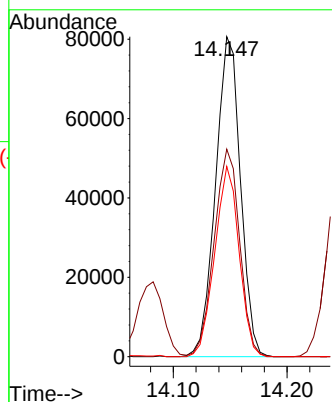
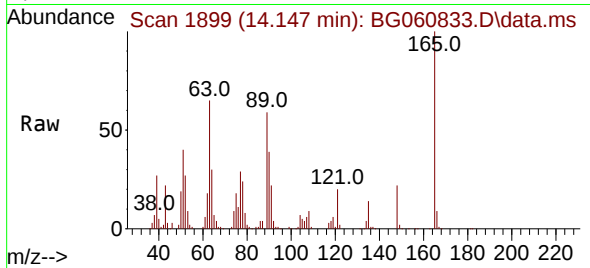
ClientSampleId :

PB160074BS

Tgt Ion:165 Resp: 12284
Ion Ratio Lower Upper
165 100
63 64.8 58.2 87.4
89 59.4 46.1 69.1

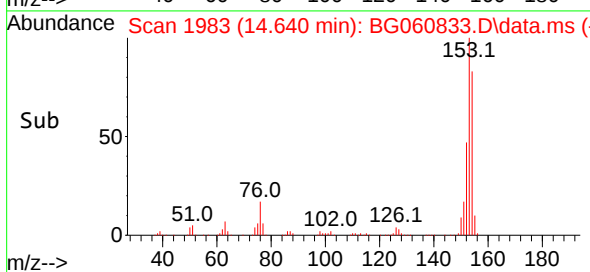
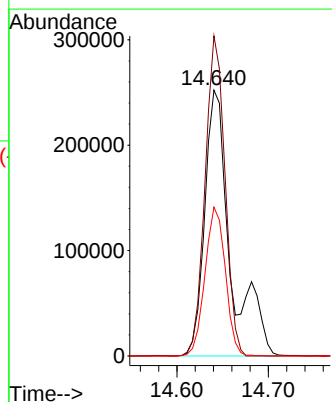
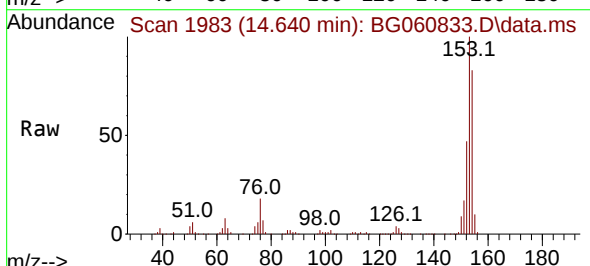
Manual Integrations
APPROVED

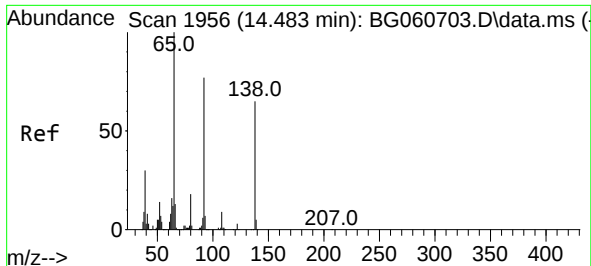
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#52
Acenaphthene
Concen: 49.859 ng m
RT: 14.640 min Scan# 1983
Delta R.T. -0.014 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

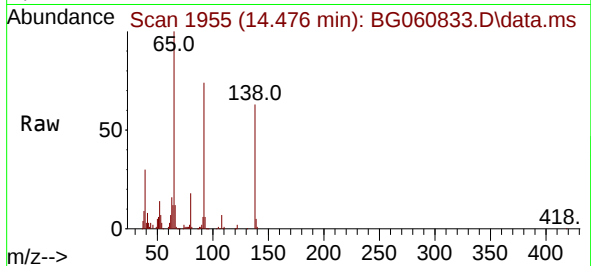
Tgt Ion:154 Resp: 495530
Ion Ratio Lower Upper
154 100
153 120.4 93.9 140.9
152 56.0 44.1 66.1





#53
3-Nitroaniline
Concen: 29.374 ng
RT: 14.476 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

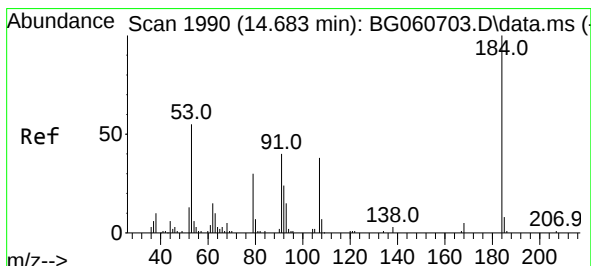
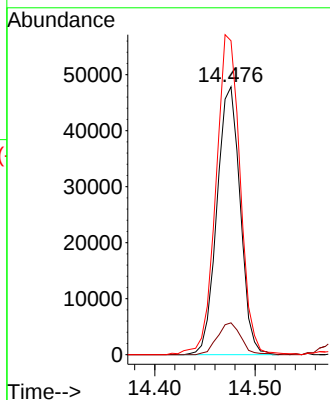
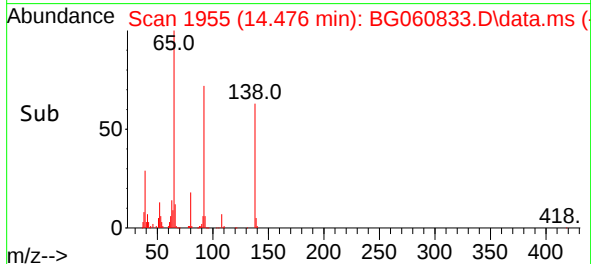
Instrument :
BNA_G
ClientSampleId :
PB160074BS



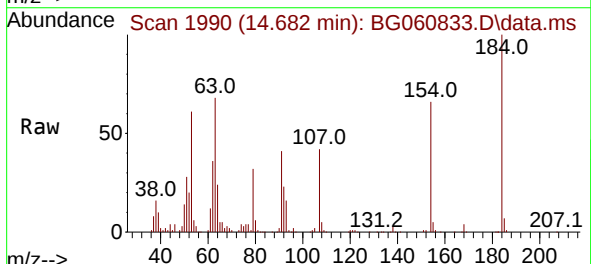
Tgt Ion:138 Resp: 7684
Ion Ratio Lower Upper
138 100
108 11.9 11.3 16.9
92 117.2 94.1 141.1

Manual Integrations
APPROVED

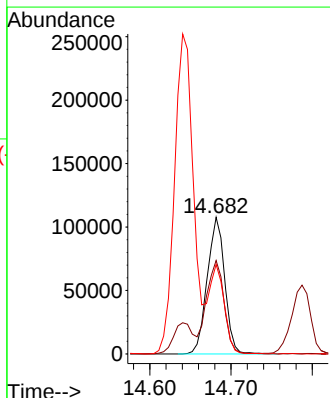
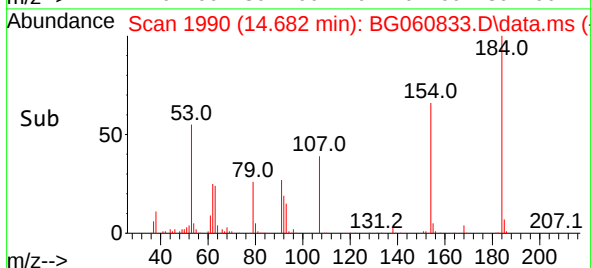
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

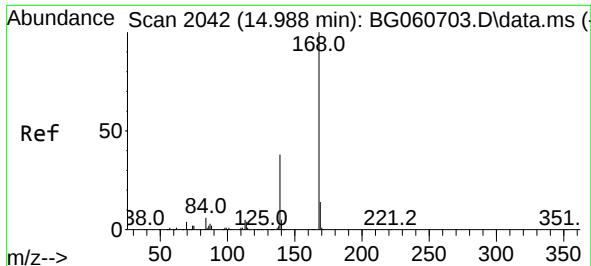


#54
2,4-Dinitrophenol
Concen: 166.540 ng
RT: 14.682 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:184 Resp: 160846
Ion Ratio Lower Upper
184 100
63 68.5 51.3 76.9
154 65.5 59.9 89.9





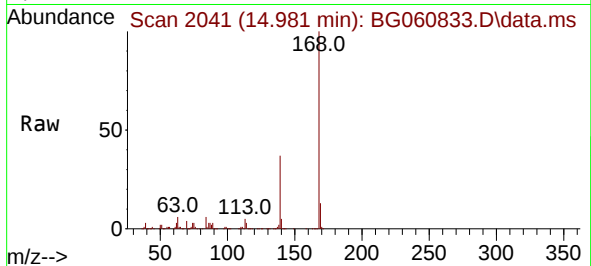
#55
Dibenzenofuran
Concen: 42.808 ng
RT: 14.981 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

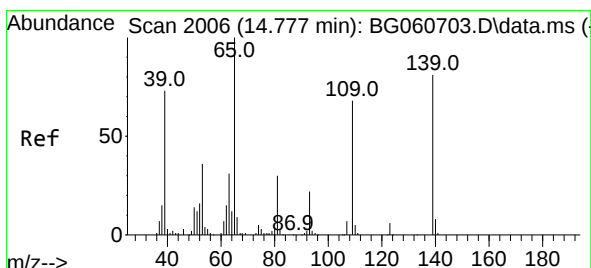
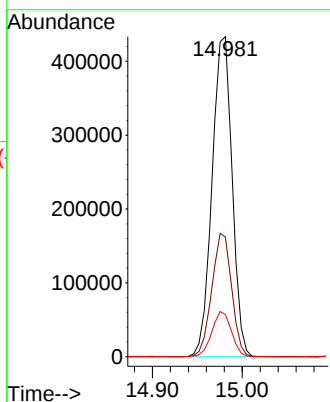
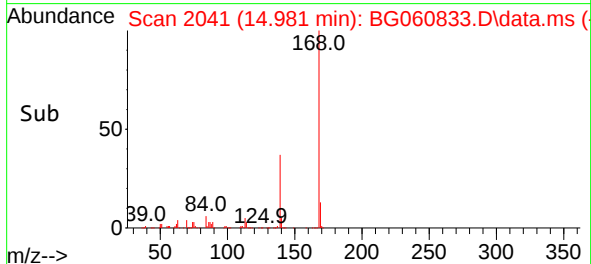


Tgt Ion:168 Resp: 671088
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.2 11.0 16.4

Manual Integrations

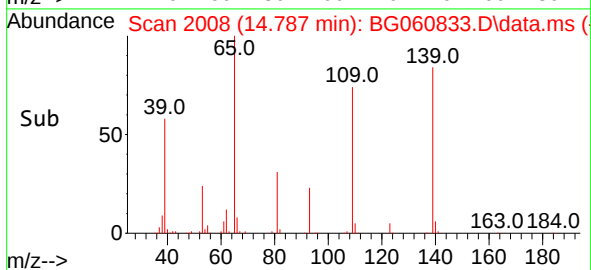
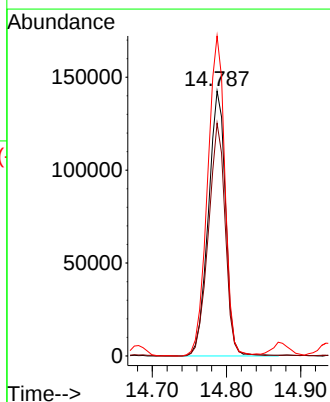
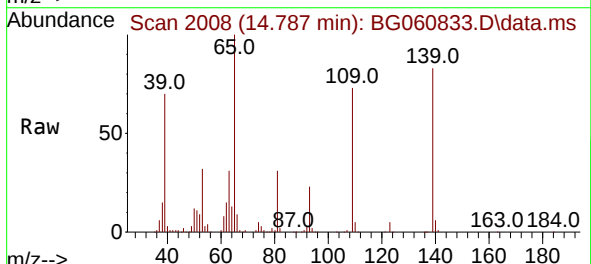
APPROVED

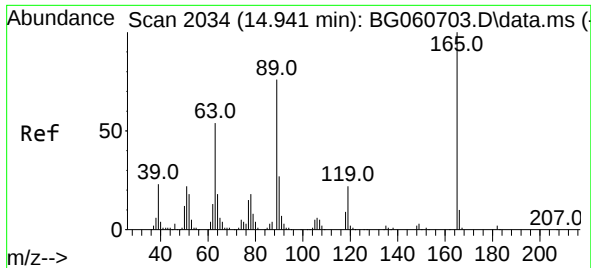
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#56
4-Nitrophenol
Concen: 113.487 ng
RT: 14.787 min Scan# 2008
Delta R.T. 0.010 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:139 Resp: 230201
Ion Ratio Lower Upper
139 100
109 87.9 64.0 104.0
65 120.8 104.3 144.3





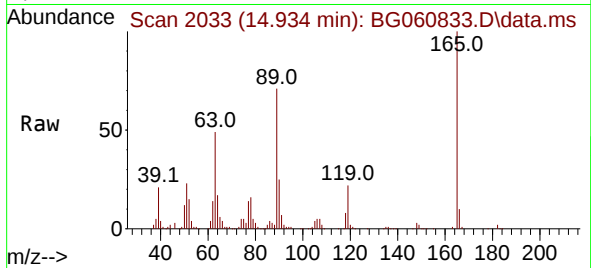
#57
2,4-Dinitrotoluene
Concen: 54.798 ng
RT: 14.934 min Scan# 2033
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

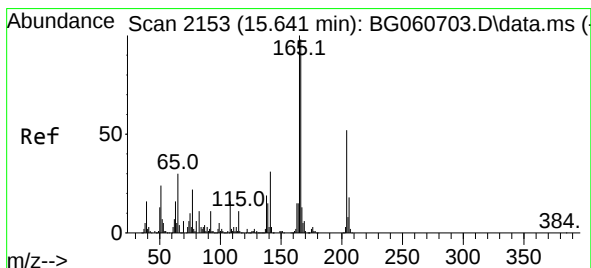
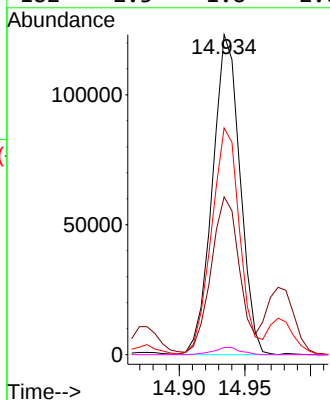
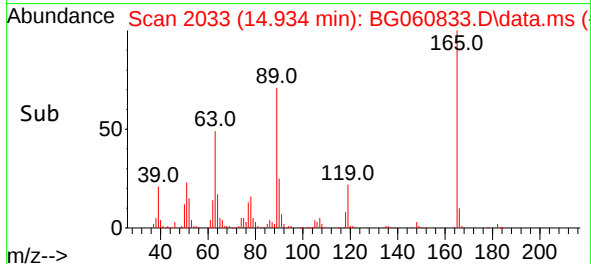


Tgt Ion:165 Resp: 179898
Ion Ratio Lower Upper
165 100
63 49.3 43.4 65.0
89 70.9 61.0 91.6
182 2.3 1.8 2.6

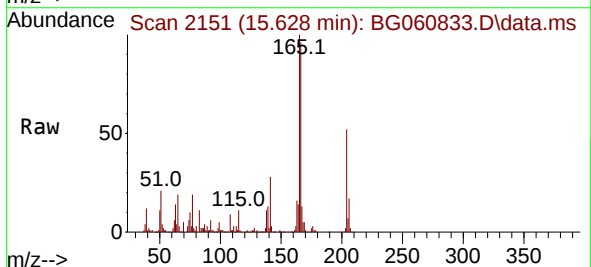
Manual Integrations

APPROVED

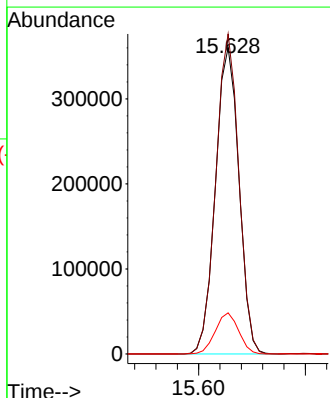
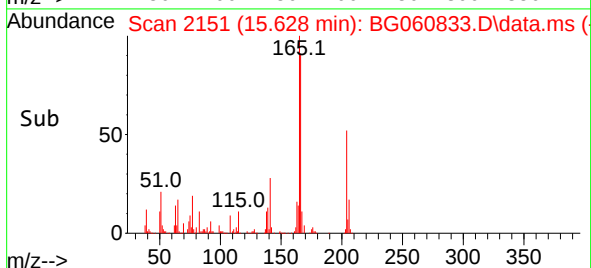
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

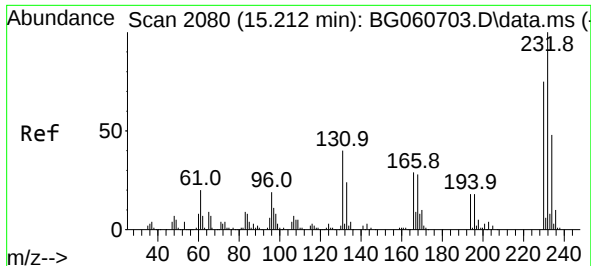


#58
Fluorene
Concen: 43.819 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:166 Resp: 551314
Ion Ratio Lower Upper
166 100
165 104.4 81.8 122.8
167 13.4 10.9 16.3





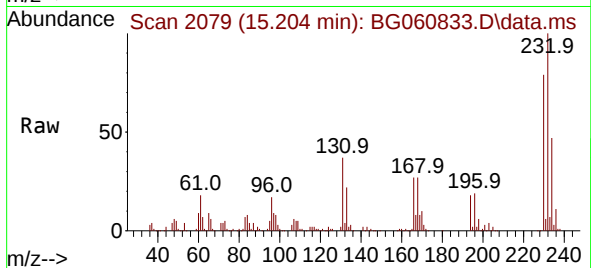
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.686 ng
RT: 15.204 min Scan# 2080
Delta R.T. -0.008 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



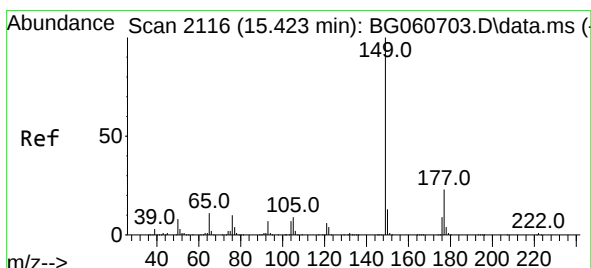
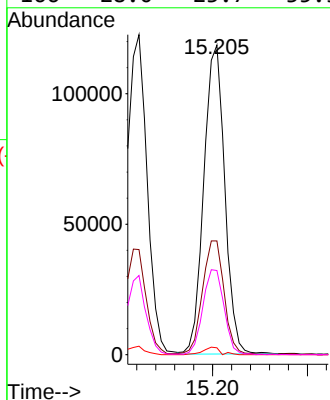
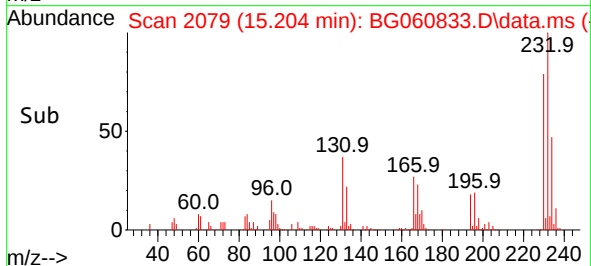
Tgt Ion:232 Resp: 18144
Ion Ratio Lower Upper
232 100
131 37.9 32.2 48.2
130 2.0 2.1 3.1
166 28.0 23.7 35.5

Manual Integrations

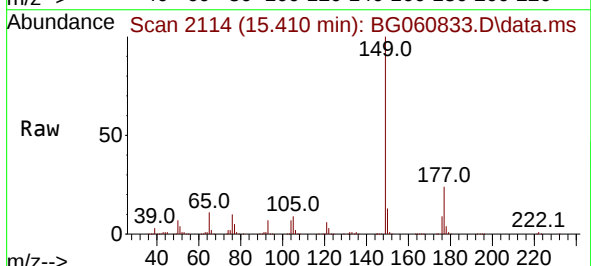
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

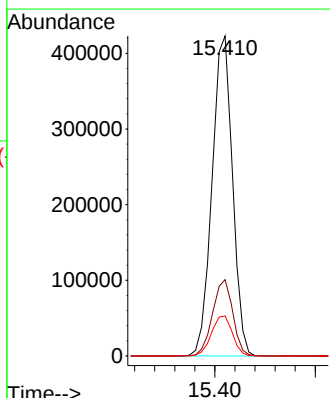
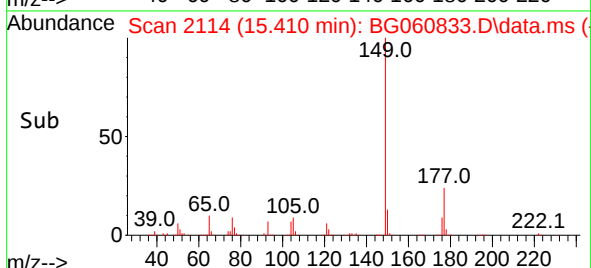
Supervised By :mohammad ahmed 04/10/2024

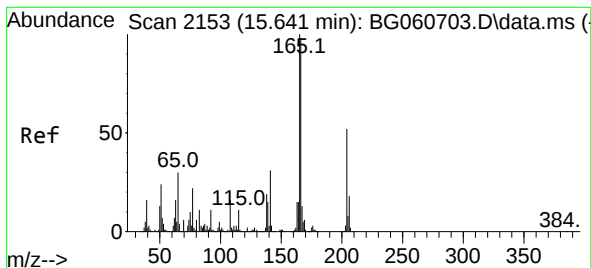


#60
Diethylphthalate
Concen: 42.811 ng
RT: 15.410 min Scan# 2114
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:149 Resp: 597621
Ion Ratio Lower Upper
149 100
177 23.8 18.0 27.0
150 12.5 10.2 15.4





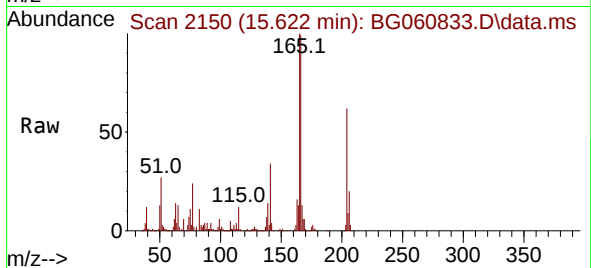
#61
4-Chlorophenyl-phenylether
Concen: 45.102 ng
RT: 15.622 min Scan# 2150
Delta R.T. -0.019 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

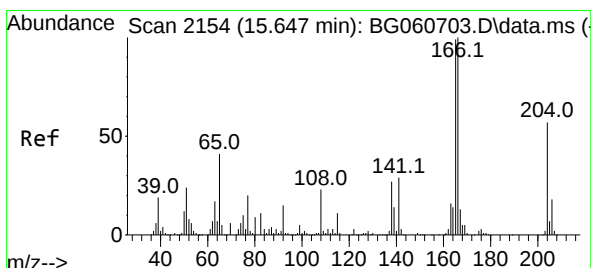
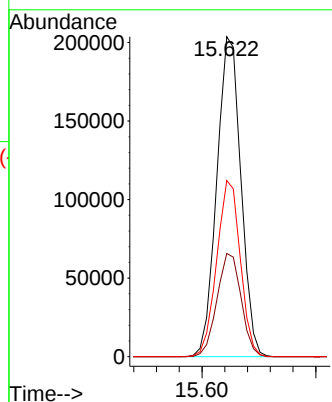
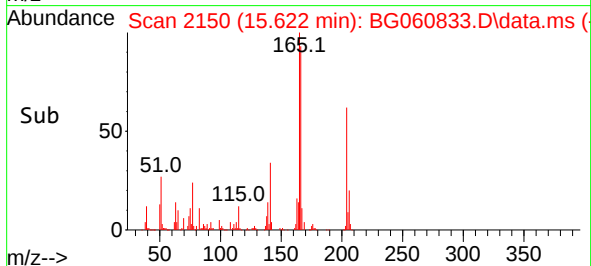


Tgt Ion:204 Resp: 30021
Ion Ratio Lower Upper
204 100
206 32.3 28.3 42.5
141 55.1 47.2 70.8

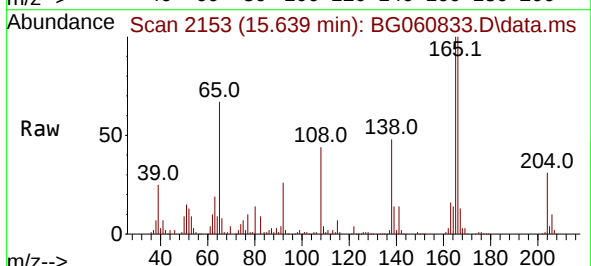
Manual Integrations

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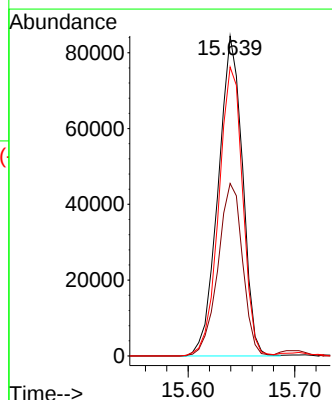
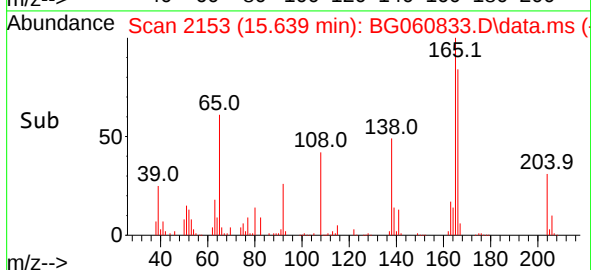
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

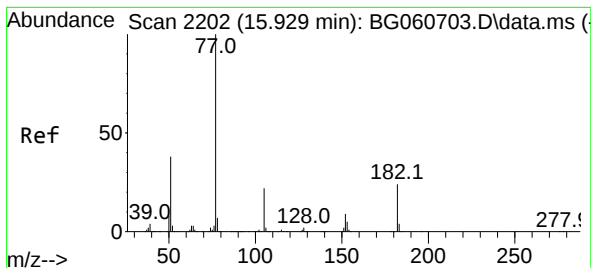


#62
4-Nitroaniline
Concen: 52.731 ng
RT: 15.639 min Scan# 2153
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:138 Resp: 133771
Ion Ratio Lower Upper
138 100
92 53.9 36.8 76.8
108 90.3 66.9 106.9





#63

Azobenzene

Concen: 42.132 ng

RT: 15.915 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion: 77 Resp: 57312

Ion Ratio Lower Upper

77 100

182 25.4 3.9 43.9

105 21.9 1.7 41.7

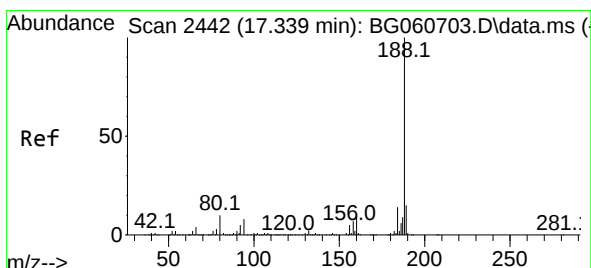
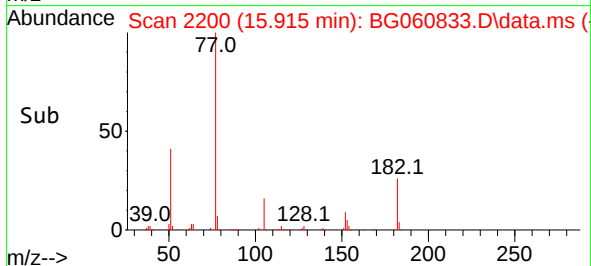
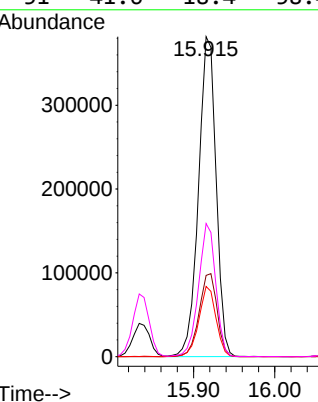
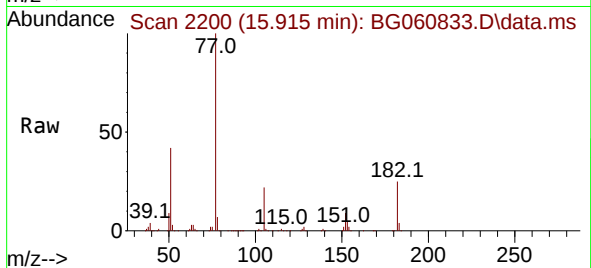
51 41.6 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2440

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

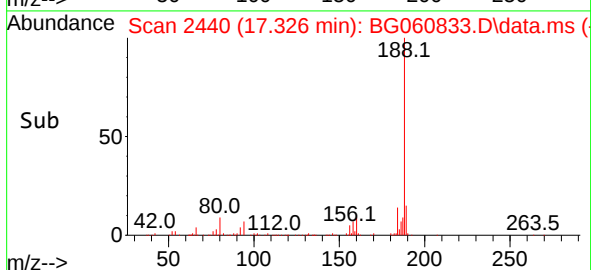
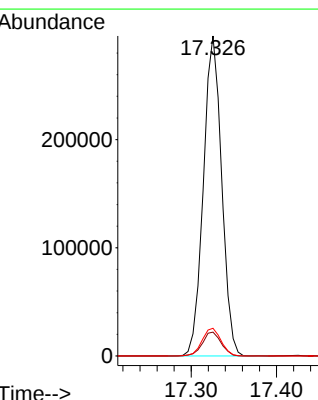
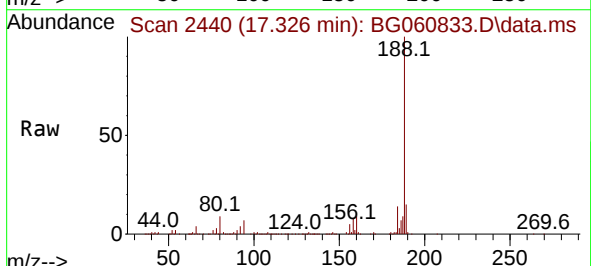
Tgt Ion:188 Resp: 439729

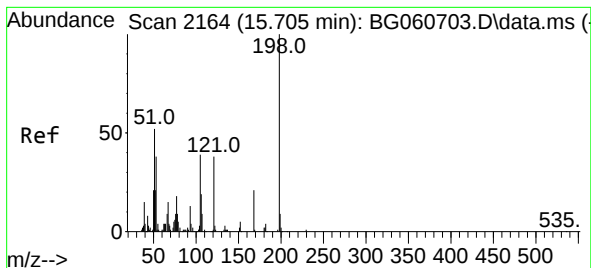
Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 60.500 ng
RT: 15.698 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

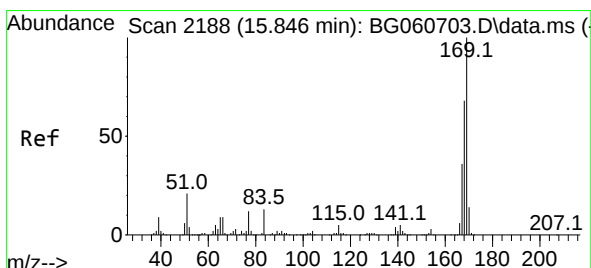
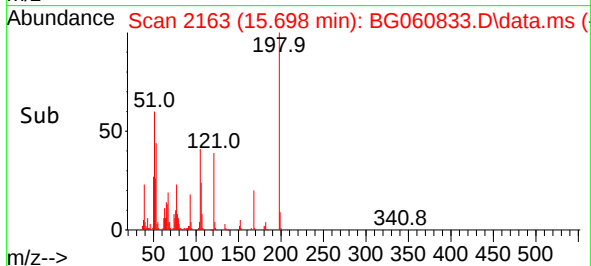
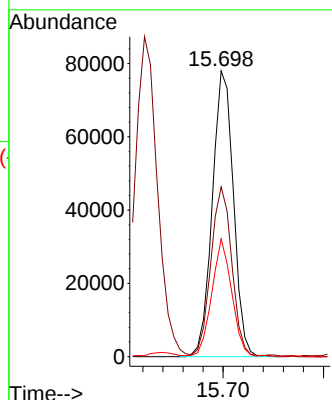
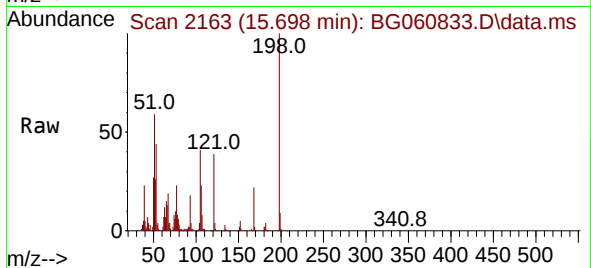
ClientSampleId :

PB160074BS

Tgt Ion:198 Resp: 11368
Ion Ratio Lower Upper
198 100
51 59.4 36.7 76.7
105 41.2 19.1 59.1

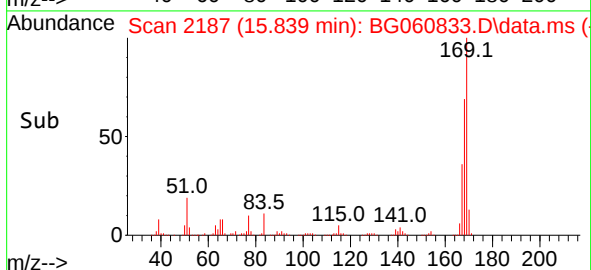
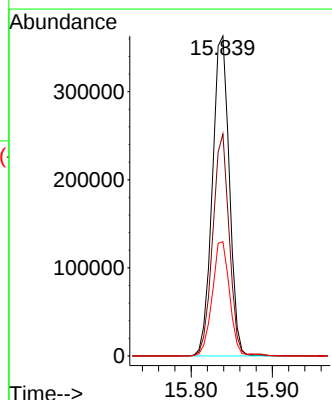
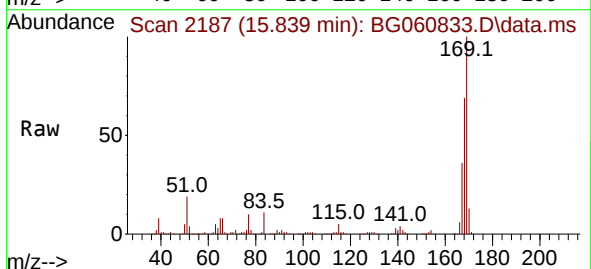
Manual Integrations
APPROVED

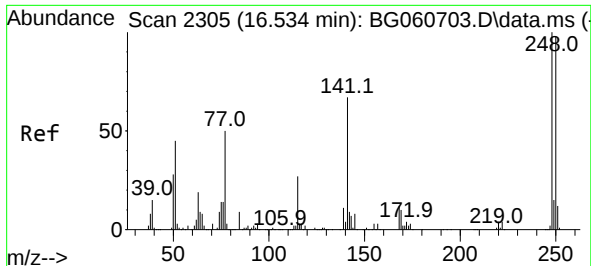
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#66
n-Nitrosodiphenylamine
Concen: 41.848 ng
RT: 15.839 min Scan# 2187
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:169 Resp: 525857
Ion Ratio Lower Upper
169 100
168 69.4 54.5 81.7
167 35.7 29.2 43.8





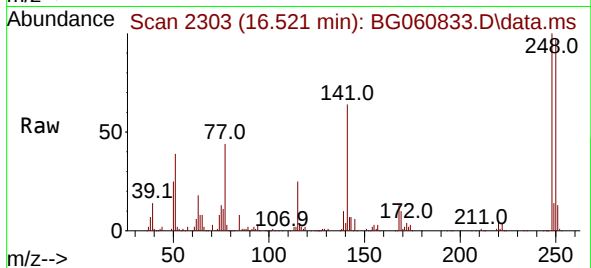
#67
4-Bromophenyl-phenylether
Concen: 47.587 ng
RT: 16.521 min Scan# 21236
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

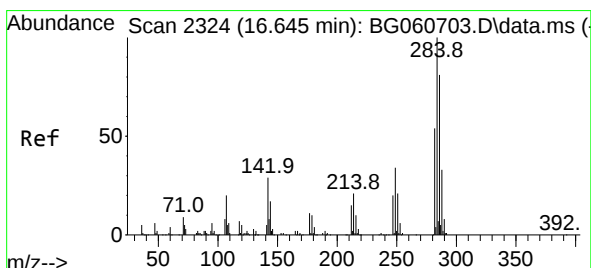
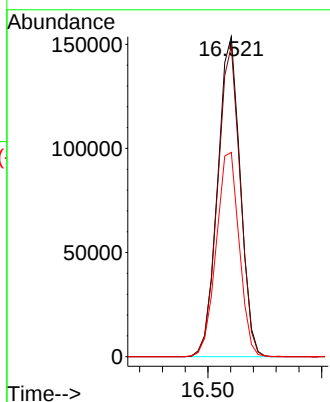
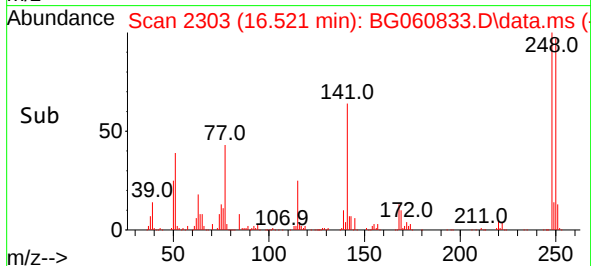
PB160074BS



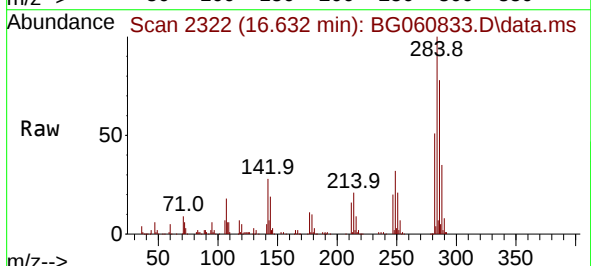
Tgt Ion:248 Resp: 21236
Ion Ratio Lower Upper
248 100
250 97.1 78.3 117.5
141 63.9 53.7 80.5

Manual Integrations
APPROVED

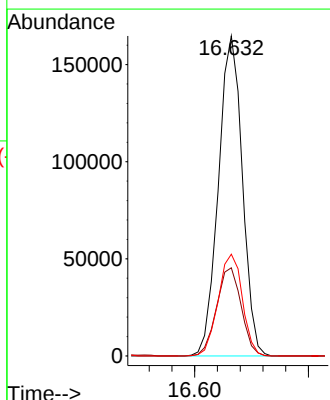
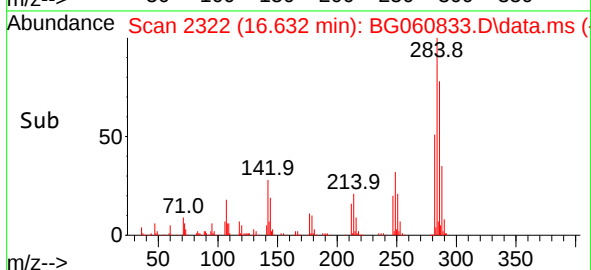
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

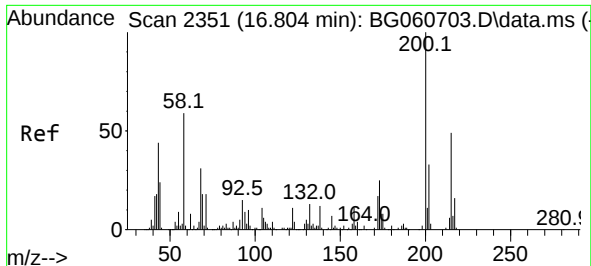


#68
Hexachlorobenzene
Concen: 47.760 ng
RT: 16.632 min Scan# 2322
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:284 Resp: 240603
Ion Ratio Lower Upper
284 100
142 27.5 22.9 34.3
249 31.8 27.1 40.7





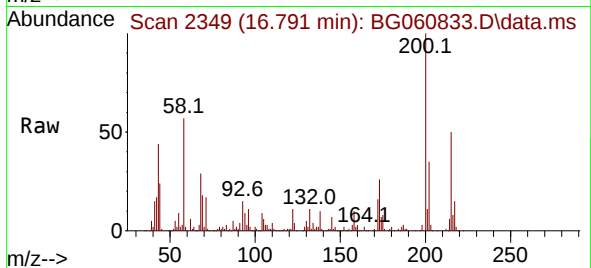
#69
 Atrazine
 Concen: 47.800 ng
 RT: 16.791 min Scan# 2104
 Delta R.T. -0.013 min
 Lab File: BG060833.D
 Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

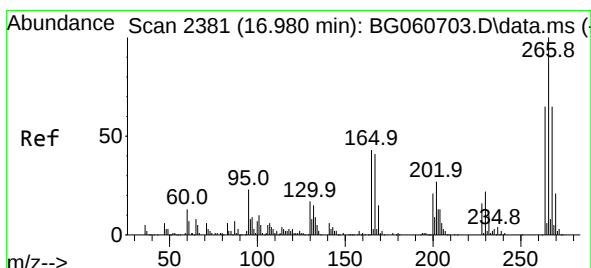
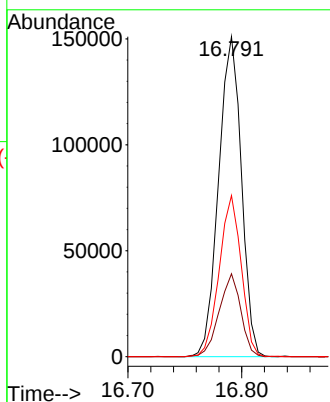
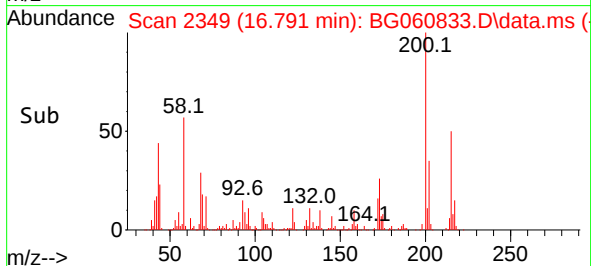


Tgt Ion:200 Resp: 210040
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.2 45.2
 215 50.4 28.8 68.8

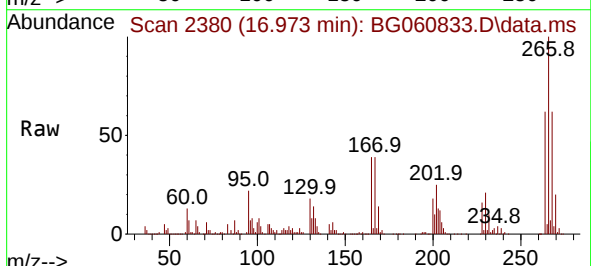
Manual Integrations

APPROVED

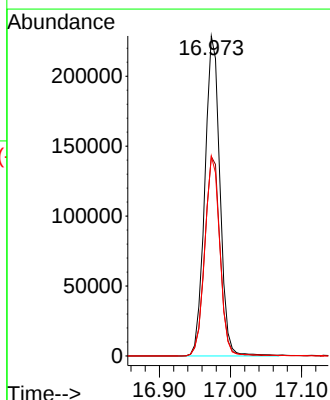
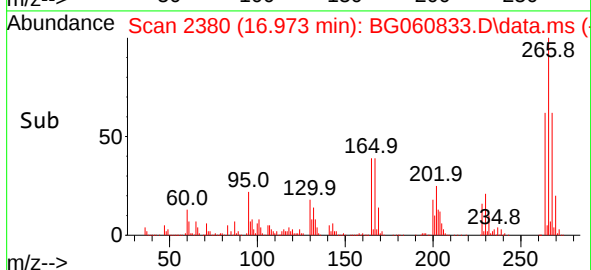
Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

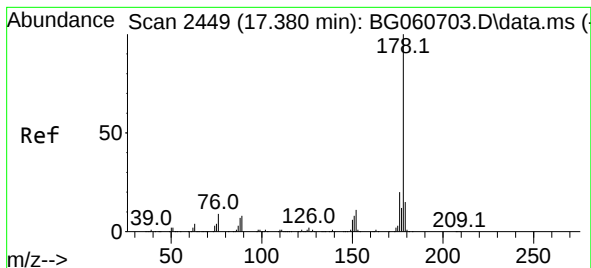


#70
 Pentachlorophenol
 Concen: 102.718 ng
 RT: 16.973 min Scan# 2380
 Delta R.T. -0.007 min
 Lab File: BG060833.D
 Acq: 8 Apr 2024 19:56



Tgt Ion:266 Resp: 337649
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.2 78.4
 264 62.4 51.8 77.6





#71

Phenanthrene

Concen: 43.151 ng

RT: 17.367 min Scan# 2447

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:178 Resp: 98682

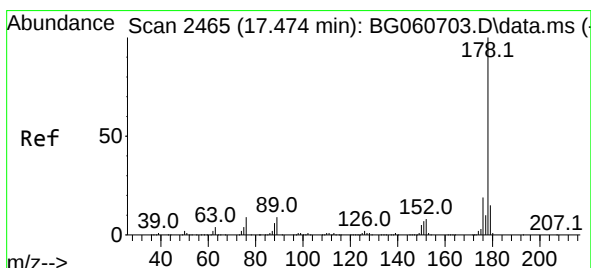
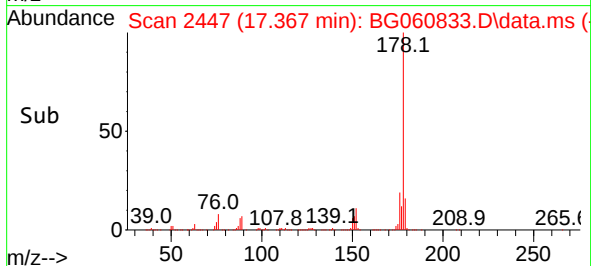
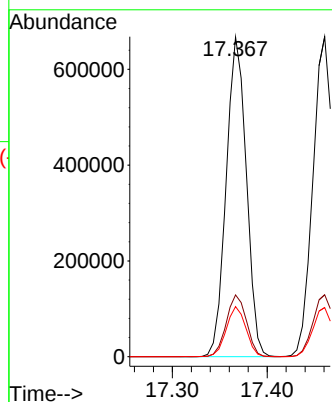
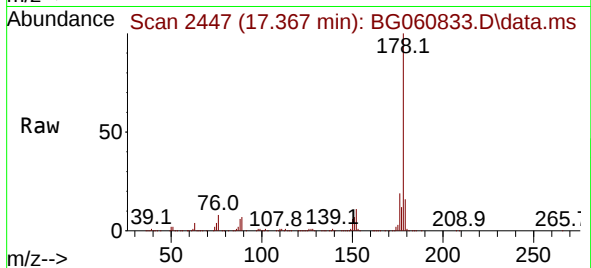
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.7	12.2	18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#72

Anthracene

Concen: 43.315 ng

RT: 17.461 min Scan# 2463

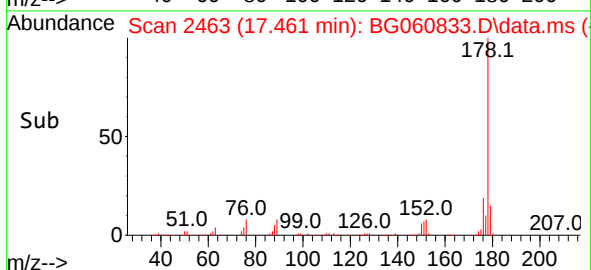
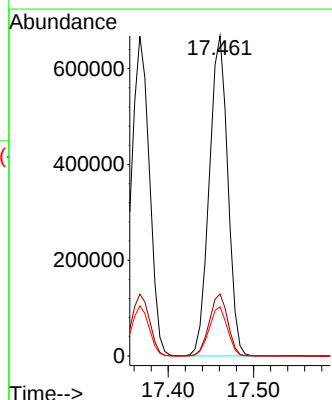
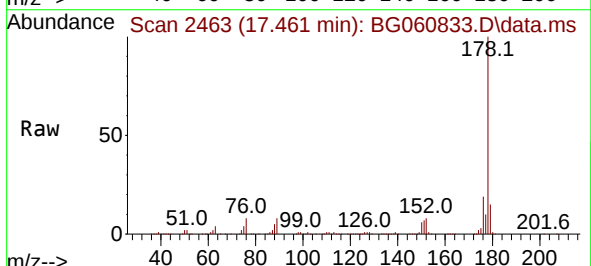
Delta R.T. -0.013 min

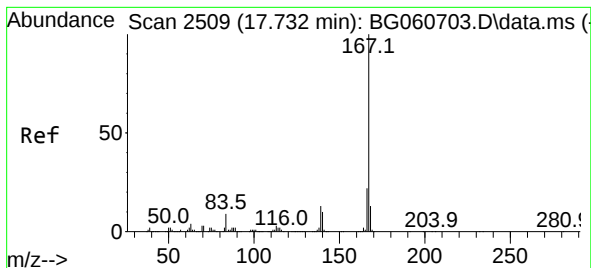
Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Tgt Ion:178 Resp: 1006017

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.2	18.2





#73

Carbazole

Concen: 43.839 ng

RT: 17.725 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060833.D

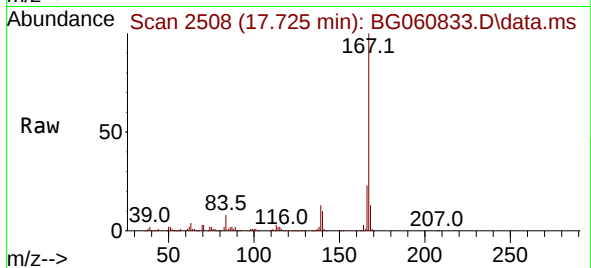
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



Tgt Ion:167 Resp: 897718

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

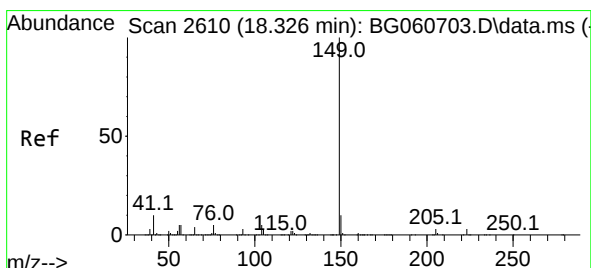
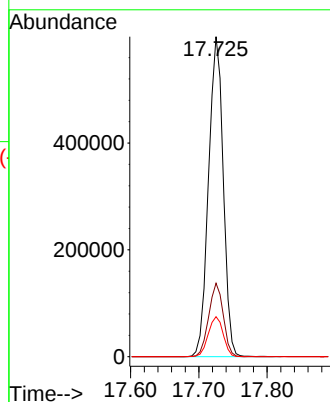
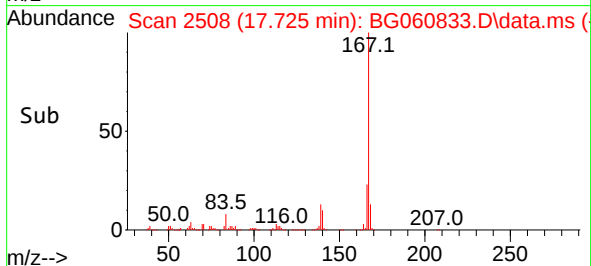
139 12.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#74

Di-n-butylphthalate

Concen: 41.388 ng

RT: 18.307 min Scan# 2607

Delta R.T. -0.019 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

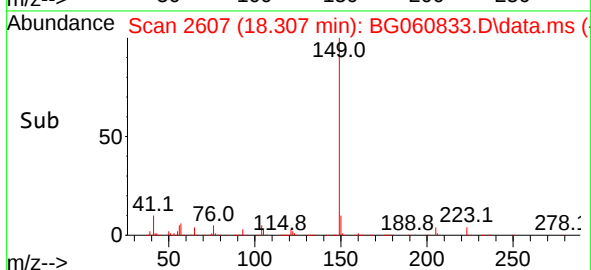
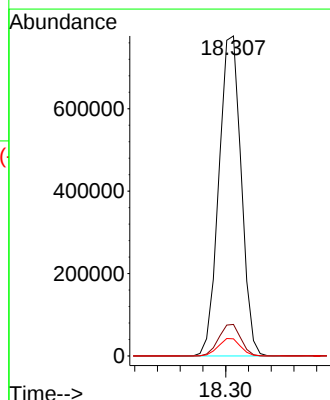
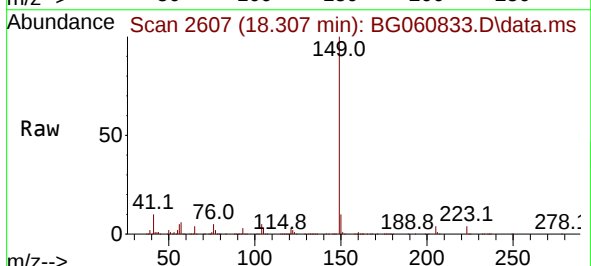
Tgt Ion:149 Resp: 1056617

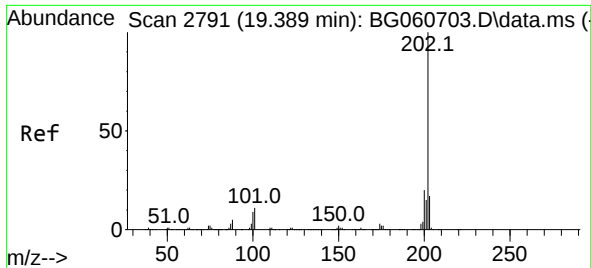
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.4 4.2 6.4





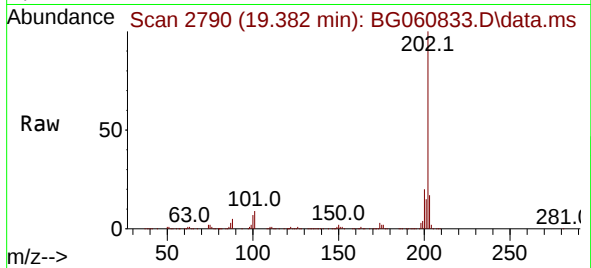
#75
Fluoranthene
Concen: 44.043 ng
RT: 19.382 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



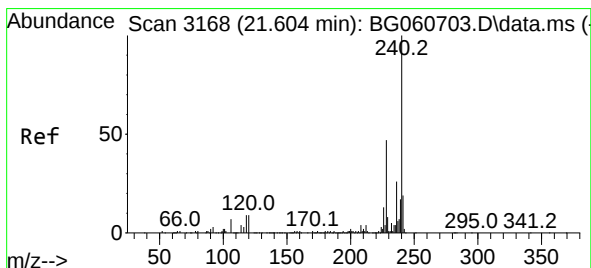
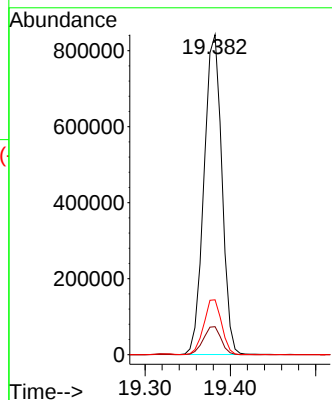
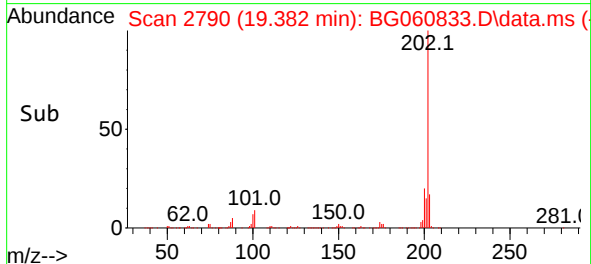
Tgt Ion:202 Resp: 122224
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.8
203 17.1 0.0 37.4

Manual Integrations

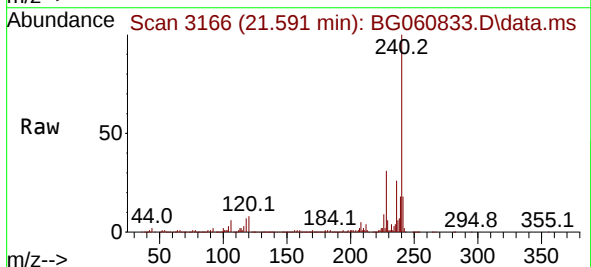
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

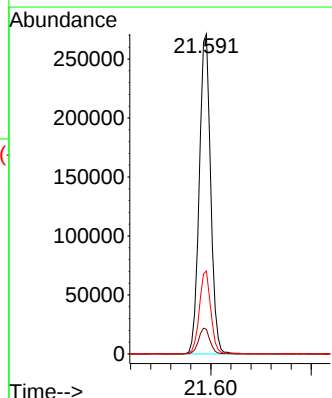
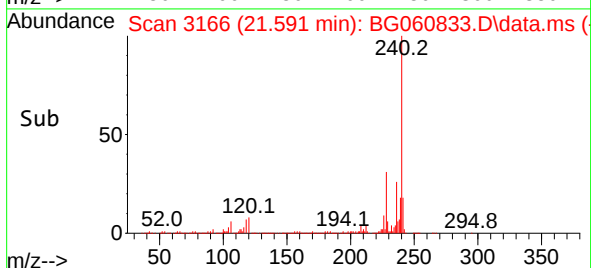
Supervised By :mohammad ahmed 04/10/2024

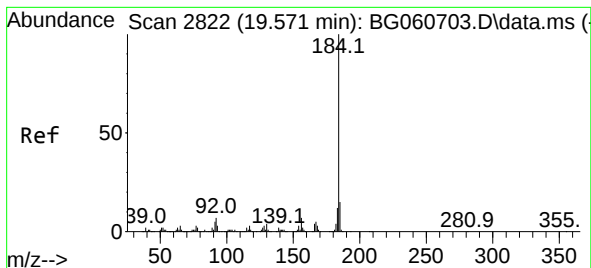


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56



Tgt Ion:240 Resp: 424934
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 26.0 20.7 31.1





#77

Benzidine

Concen: 29.799 ng

RT: 19.558 min Scan# 2820

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:184 Resp: 333430

Ion Ratio Lower Upper

184 100

185 13.5 11.8 17.6

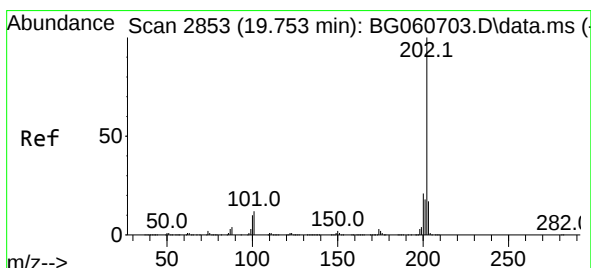
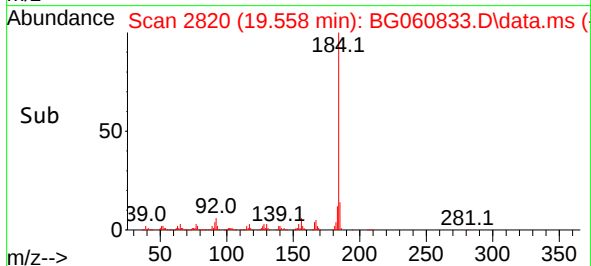
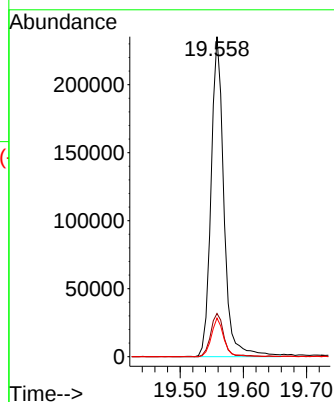
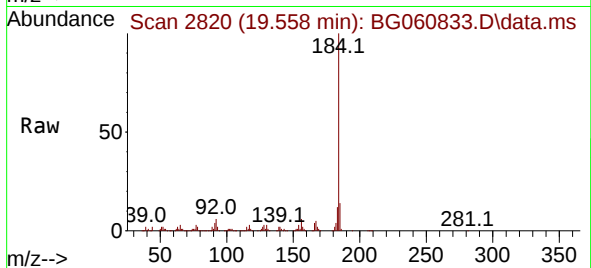
183 12.1 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#78

Pyrene

Concen: 42.669 ng

RT: 19.740 min Scan# 2851

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

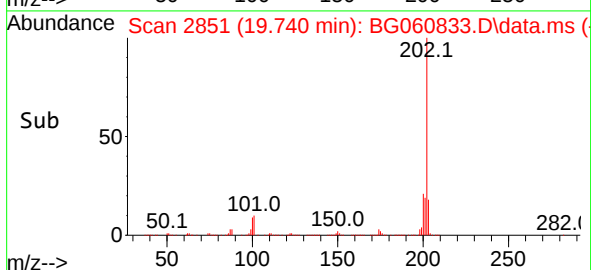
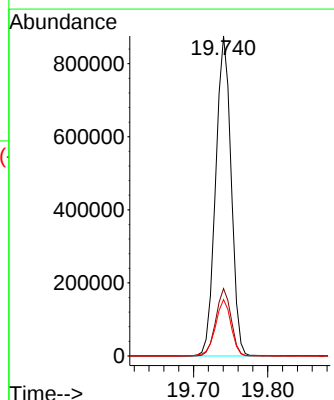
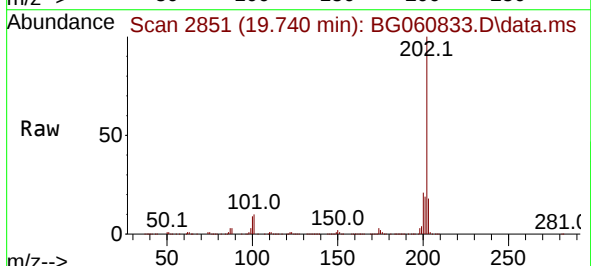
Tgt Ion:202 Resp: 1268085

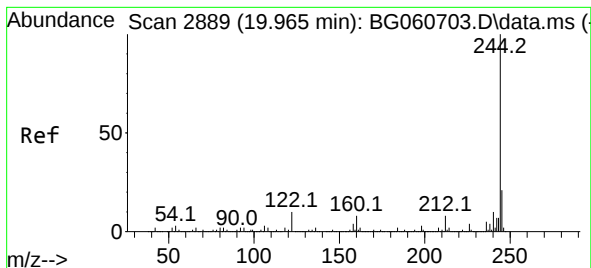
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 81.768 ng

RT: 19.952 min Scan# 2

Delta R.T. -0.013 min

Lab File: BG060833.D

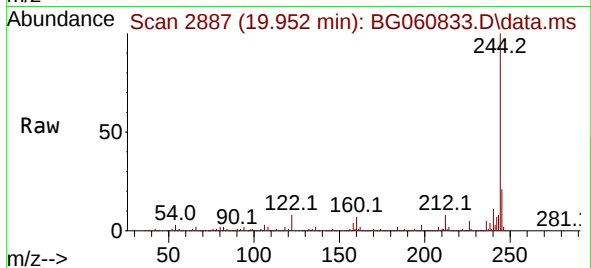
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



Tgt Ion:244 Resp: 197326

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

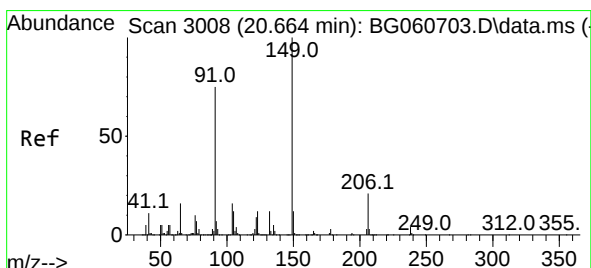
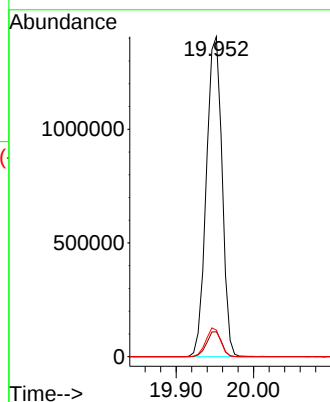
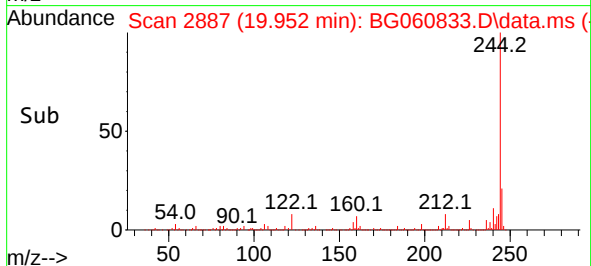
122 8.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#80

Butylbenzylphthalate

Concen: 43.020 ng

RT: 20.645 min Scan# 3005

Delta R.T. -0.019 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

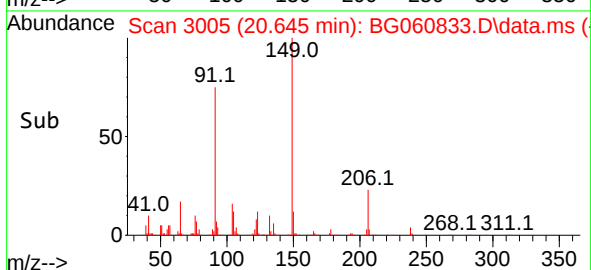
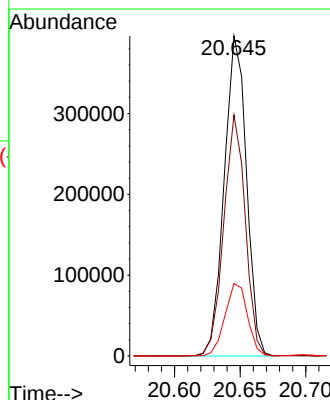
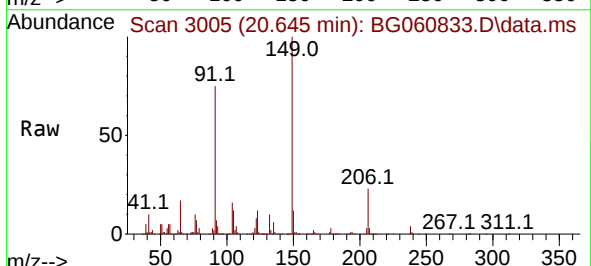
Tgt Ion:149 Resp: 466385

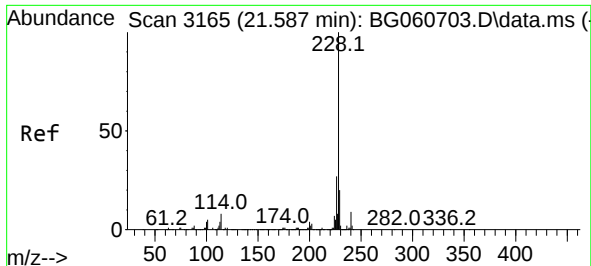
Ion Ratio Lower Upper

149 100

91 75.3 60.1 90.1

206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 44.263 ng
RT: 21.568 min Scan# 3162
Delta R.T. -0.019 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

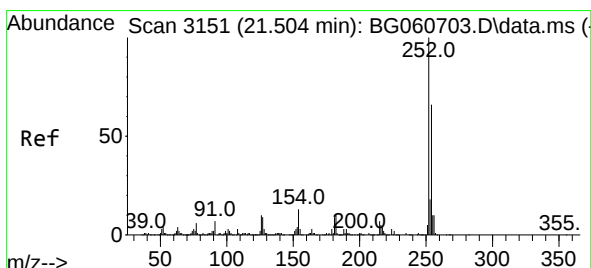
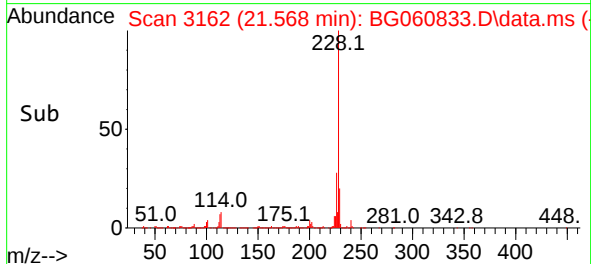
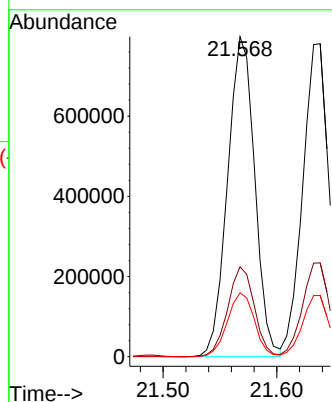
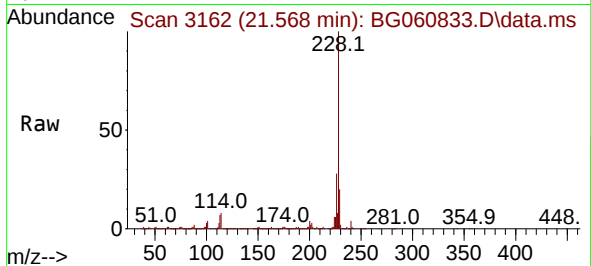
ClientSampleId :

PB160074BS

Tgt Ion:228 Resp: 1325820
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.9 15.8 23.8

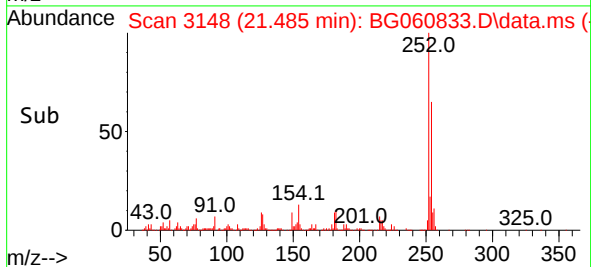
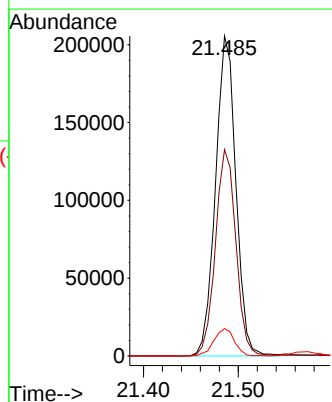
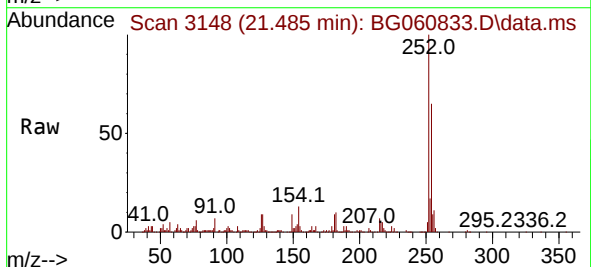
Manual Integrations
APPROVED

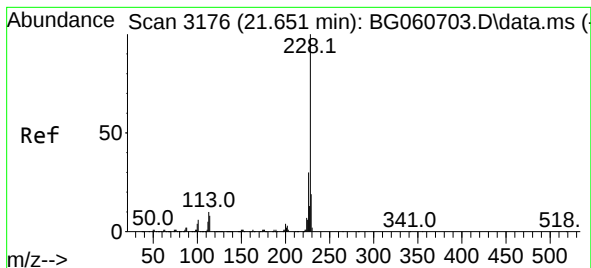
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 30.335 ng
RT: 21.485 min Scan# 3148
Delta R.T. -0.019 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:252 Resp: 306803
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 8.5 7.8 11.8





#83

Chrysene

Concen: 43.128 ng

RT: 21.638 min Scan# 3174

Delta R.T. -0.013 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:228 Resp: 124514

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

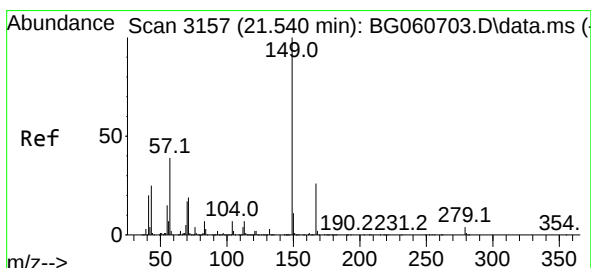
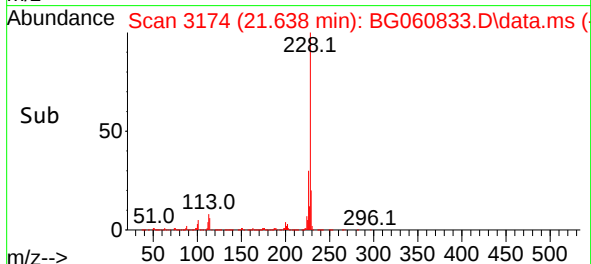
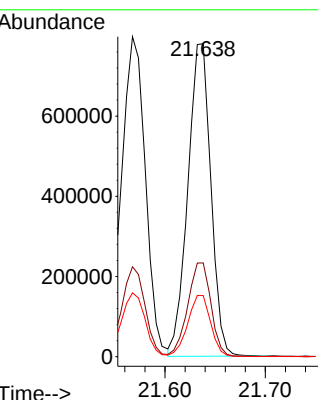
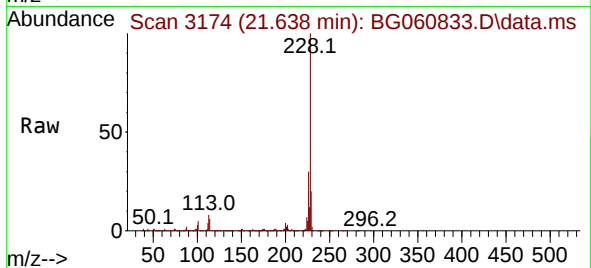
229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.248 ng

RT: 21.509 min Scan# 3152

Delta R.T. -0.031 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

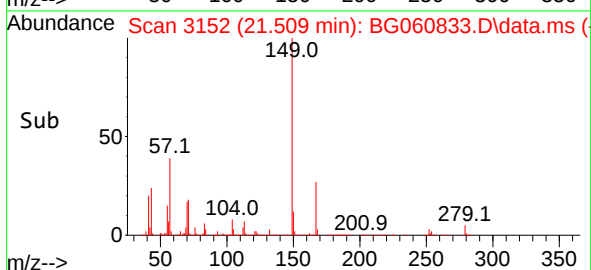
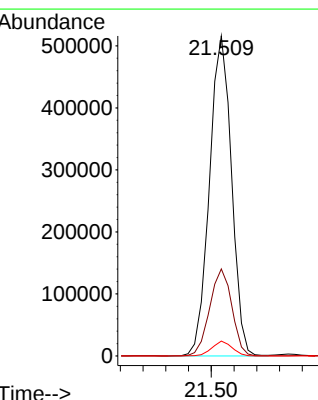
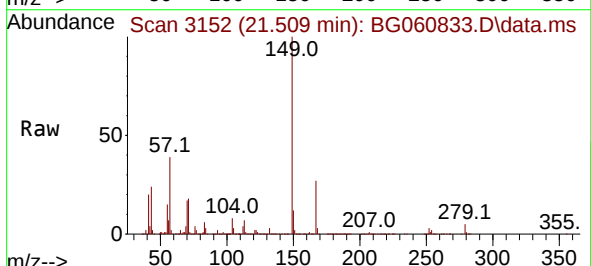
Tgt Ion:149 Resp: 695464

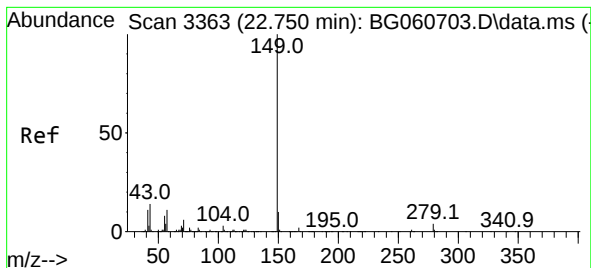
Ion Ratio Lower Upper

149 100

167 27.2 20.6 30.8

279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 42.902 ng

RT: 22.702 min Scan# 31

Delta R.T. -0.048 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS

Tgt Ion:149 Resp: 120767

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

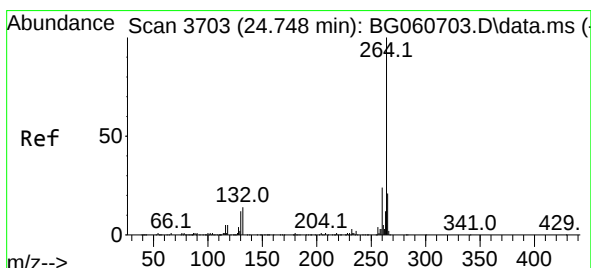
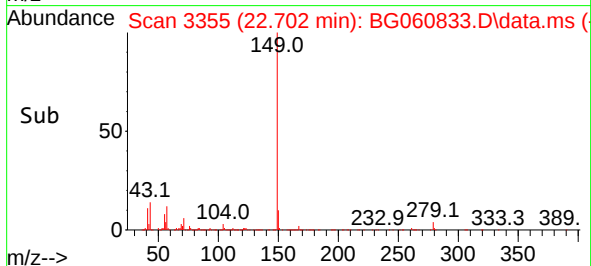
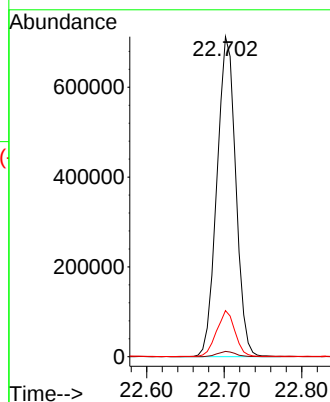
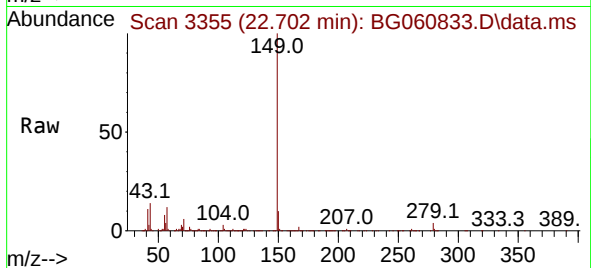
43 14.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.717 min Scan# 3698

Delta R.T. -0.031 min

Lab File: BG060833.D

Acq: 8 Apr 2024 19:56

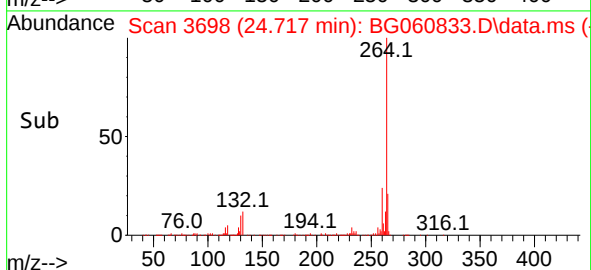
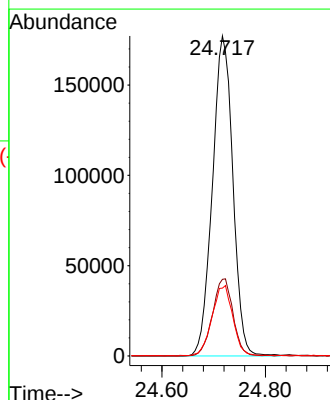
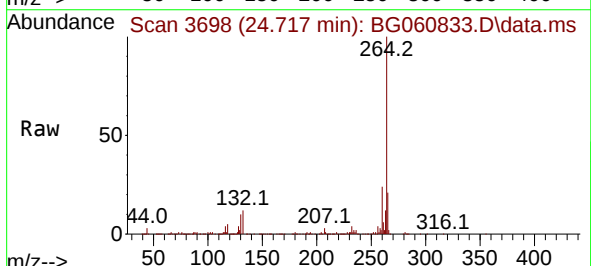
Tgt Ion:264 Resp: 485852

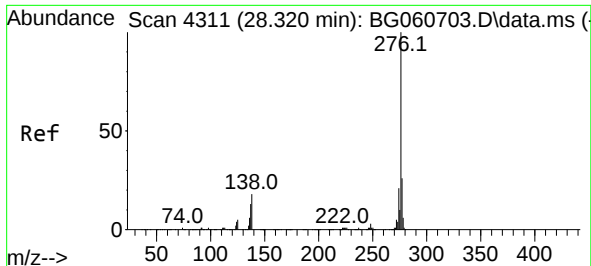
Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.2 16.9 25.3





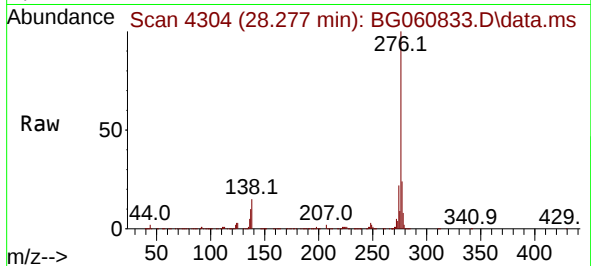
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.827 ng
 RT: 28.277 min Scan# 41
 Delta R.T. -0.043 min
 Lab File: BG060833.D
 Acq: 8 Apr 2024 19:56

Instrument :

BNA_G

ClientSampleId :

PB160074BS



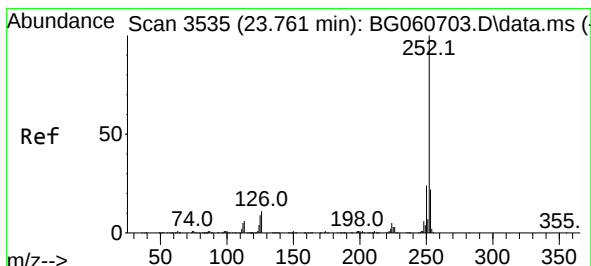
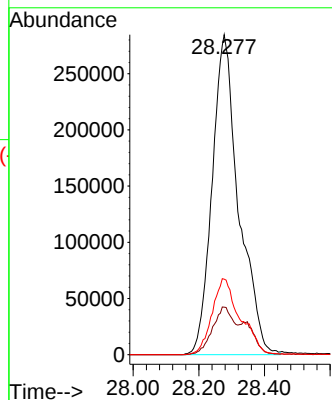
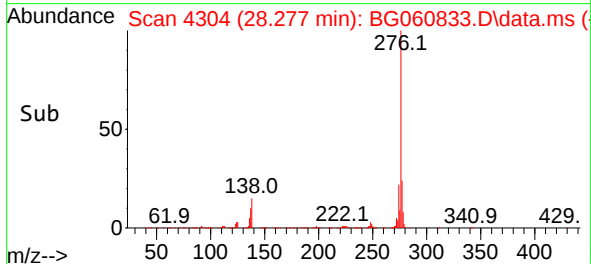
Tgt Ion:276 Resp: 1602118
 Ion Ratio Lower Upper
 276 100
 138 12.1 12.4 18.6
 277 25.2 20.2 30.2

Manual Integrations

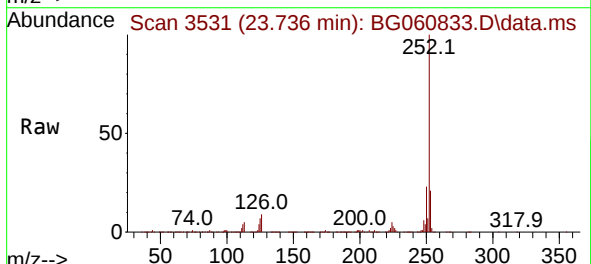
APPROVED

Reviewed By :Yogesh Patel 04/10/2024

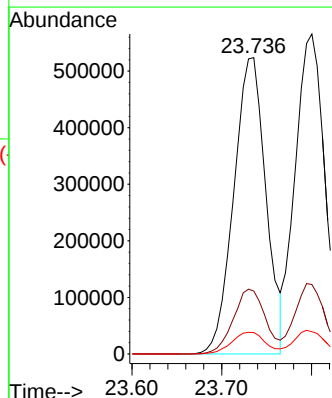
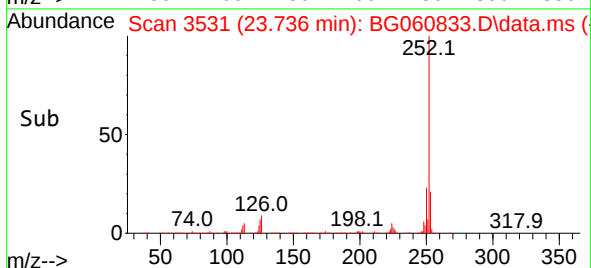
Supervised By :mohammad ahmed 04/10/2024

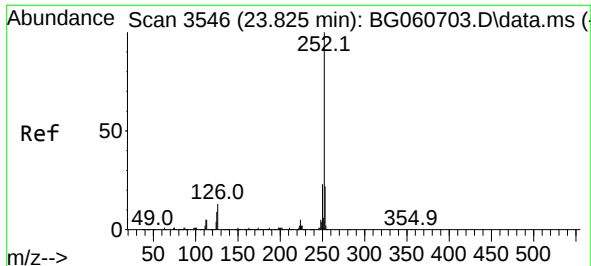


#88
 Benzo(b)fluoranthene
 Concen: 46.658 ng
 RT: 23.736 min Scan# 3531
 Delta R.T. -0.025 min
 Lab File: BG060833.D
 Acq: 8 Apr 2024 19:56



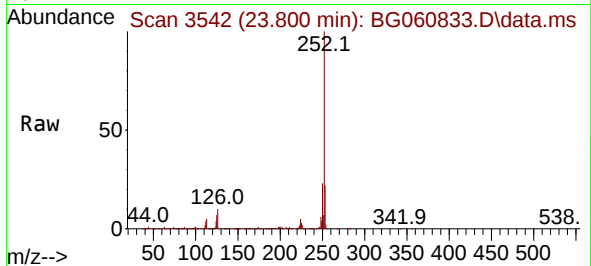
Tgt Ion:252 Resp: 1302310
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.8 26.8
 125 7.2 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 45.394 ng
RT: 23.800 min Scan# 31
Delta R.T. -0.025 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

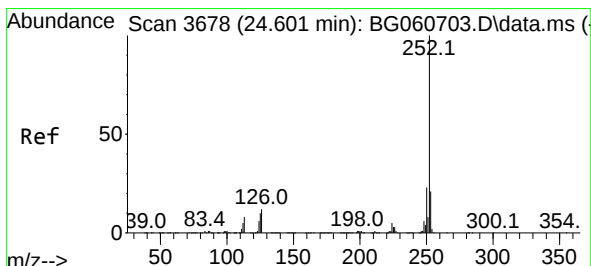
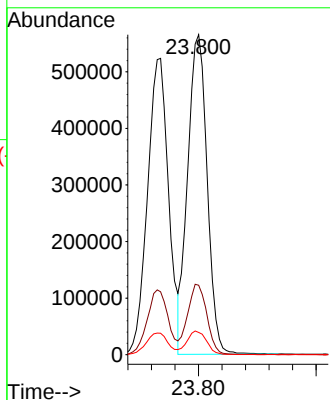
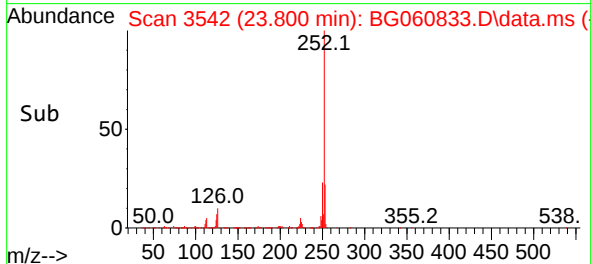
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion:252 Resp: 1296862
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.9 7.5 11.3

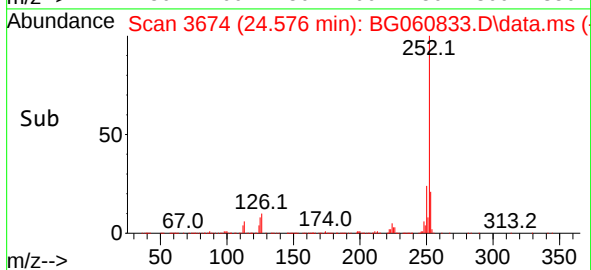
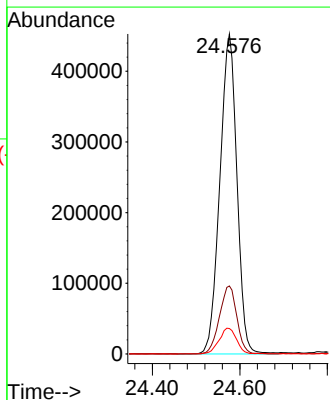
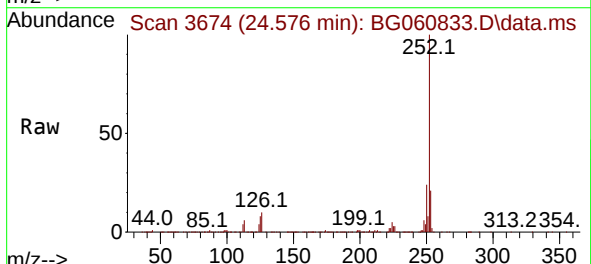
Manual Integrations
APPROVED

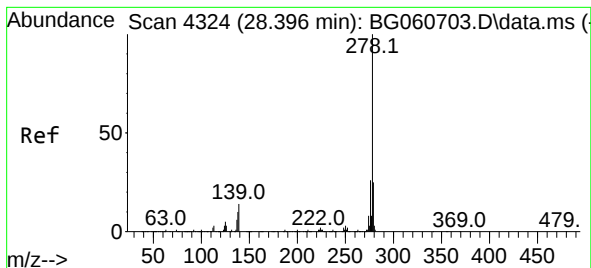
Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#90
Benzo(a)pyrene
Concen: 45.058 ng
RT: 24.576 min Scan# 3674
Delta R.T. -0.025 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

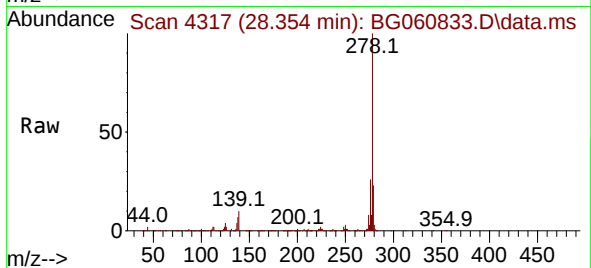
Tgt Ion:252 Resp: 1222201
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 8.0 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 45.635 ng
RT: 28.354 min Scan# 41
Delta R.T. -0.043 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

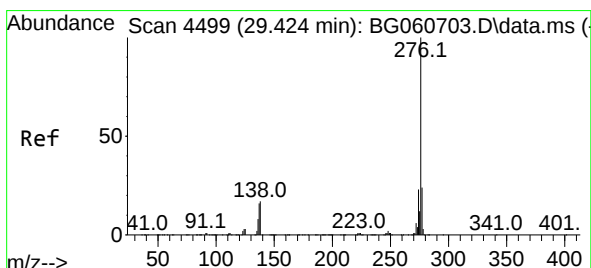
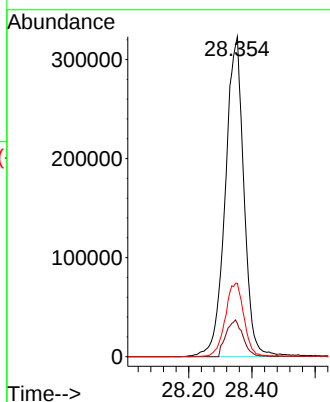
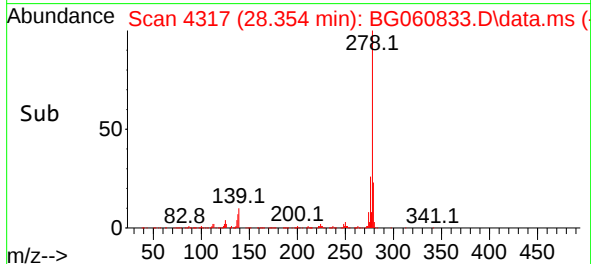
Instrument :
BNA_G
ClientSampleId :
PB160074BS



Tgt Ion:278 Resp: 131618
Ion Ratio Lower Upper
278 100
139 10.4 11.1 16.7
279 22.9 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024



#92
Benzo(g,h,i)perylene
Concen: 43.366 ng
RT: 29.382 min Scan# 4492
Delta R.T. -0.042 min
Lab File: BG060833.D
Acq: 8 Apr 2024 19:56

Tgt Ion:276 Resp: 1216672
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 16.2 14.0 21.0

