

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058834.D
 Acq On : 24 Aug 2023 11:47
 Operator : MA/JU
 Sample : PB154945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 24 12:21:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							09/12/2023
1) 1,4-Dichlorobenzene-d4	7.807	152	17042	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	10.610	136	74073	20.000	ng	0.00	
39) Acenaphthene-d10	14.458	164	53573	20.000	ng	0.00	
64) Phenanthrene-d10	17.202	188	139762	20.000	ng	0.00	
76) Chrysene-d12	21.450	240	118076	20.000	ng	0.00	
86) Perylene-d12	24.517	264	145022	20.000	ng	0.00	09/12/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	160321	151.389	ng	0.00	
7) Phenol-d6	6.985	99	214356	144.271	ng	0.00	
23) Nitrobenzene-d5	8.971	82	130499	84.701	ng	0.00	
42) 2,4,6-Tribromophenol	15.951	330	119612	142.393	ng	0.00	
45) 2-Fluorobiphenyl	13.078	172	307915	83.596	ng	0.00	
79) Terphenyl-d14	19.823	244	646113	98.255	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.260	88	18349	36.854	ng	95	
3) Pyridine	3.659	79	45253	34.395	ng	92	
4) n-Nitrosodimethylamine	3.577	42	33614	46.994	ng	95	
6) Aniline	7.132	93	54942	30.250	ng	100	
8) 2-Chlorophenol	7.373	128	57893	54.067	ng	95	
9) Benzaldehyde	6.950	77	24828m	29.790	ng		
10) Phenol	7.008	94	76835	53.629	ng	99	
11) bis(2-Chloroethyl)ether	7.232	93	53927	48.238	ng	98	
12) 1,3-Dichlorobenzene	7.696	146	57827	50.843	ng	94	
13) 1,4-Dichlorobenzene	7.843	146	59552	51.779	ng	95	
14) 1,2-Dichlorobenzene	8.160	146	56914	51.199	ng	98	
15) Benzyl Alcohol	8.048	79	55250	52.010	ng	97	
16) 2,2'-oxybis(1-Chloropr...	8.330	45	118975m	49.938	ng		
17) 2-Methylphenol	8.260	107	51736	49.165	ng	97	
18) Hexachloroethane	8.883	117	21568	51.469	ng	96	
19) n-Nitroso-di-n-propyla...	8.612	70	44441	46.272	ng	98	
20) 3+4-Methylphenols	8.589	107	70276	49.674	ng	98	
22) Acetophenone	8.630	105	89147	44.460	ng	100	
24) Nitrobenzene	9.012	77	66667	43.506	ng	96	
25) Isophorone	9.535	82	130586	42.621	ng	99	
26) 2-Nitrophenol	9.729	139	29913	46.675	ng	95	
27) 2,4-Dimethylphenol	9.787	122	52339	48.188	ng	96	
28) bis(2-Chloroethoxy)met...	10.017	93	71642	44.143	ng	97	
29) 2,4-Dichlorophenol	10.263	162	56474	50.599	ng	98	
30) 1,2,4-Trichlorobenzene	10.475	180	61843	45.885	ng	98	
31) Naphthalene	10.657	128	174918	44.974	ng	99	
32) Benzoic acid	9.958	122	30183m	45.661	ng		
33) 4-Chloroaniline	10.780	127	43354	26.431	ng	96	
34) Hexachlorobutadiene	10.939	225	41398	45.511	ng	99	
35) Caprolactam	11.550	113	21016	52.548	ng	92	
36) 4-Chloro-3-methylphenol	11.908	107	68815	49.579	ng	98	
37) 2-Methylnaphthalene	12.273	142	121572	43.521	ng	99	
38) 1-Methylnaphthalene	12.496	142	117937	44.477	ng	98	
40) 1,2,4,5-Tetrachloroben...	12.643	216	73466	44.482	ng	98	
41) Hexachlorocyclopentadiene	12.619	237	57499	87.563	ng	98	
43) 2,4,6-Trichlorophenol	12.890	196	51449	48.957	ng	98	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058834.D
 Acq On : 24 Aug 2023 11:47
 Operator : MA/JU
 Sample : PB154945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154945BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 24 12:21:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.972	196	55792	44.334	ng	97	09/12/2023
46) 1,1'-Biphenyl	13.289	154	162178	43.944	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	13.330	162	130639	45.423	ng	98	
48) 2-Nitroaniline	13.542	65	50821	46.527	ng	97	
49) Acenaphthylene	14.176	152	221790	46.502	ng	98	
50) Dimethylphthalate	13.918	163	189421	45.665	ng	100	
51) 2,6-Dinitrotoluene	14.041	165	41126	47.193	ng	98	09/12/2023
52) Acenaphthene	14.523	154	123286	44.234	ng	99	
53) 3-Nitroaniline	14.376	138	27940	33.242	ng	91	
54) 2,4-Dinitrophenol	14.588	184	45488	92.241	ng	95	
55) Dibenzofuran	14.858	168	214969	44.713	ng	100	
56) 4-Nitrophenol	14.699	139	62256	101.140	ng	99	
57) 2,4-Dinitrotoluene	14.834	165	63023	51.850	ng	# 95	
58) Fluorene	15.504	166	179387	46.884	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.087	232	53662	52.255	ng	97	
60) Diethylphthalate	15.275	149	204127	47.729	ng	98	
61) 4-Chlorophenyl-phenylether	15.498	204	97111	45.791	ng	99	
62) 4-Nitroaniline	15.540	138	43251	50.707	ng	91	
63) Azobenzene	15.786	77	179345	45.669	ng	98	
65) 4,6-Dinitro-2-methylph...	15.598	198	38235	48.399	ng	95	
66) n-Nitrosodiphenylamine	15.716	169	164118	45.561	ng	97	
67) 4-Bromophenyl-phenylether	16.391	248	67085	43.741	ng	99	
68) Hexachlorobenzene	16.509	284	77330	46.849	ng	99	
69) Atrazine	16.668	200	71163	55.822	ng	98	
70) Pentachlorophenol	16.861	266	70181	81.083	ng	95	
71) Phenanthrene	17.243	178	309173	46.079	ng	99	
72) Anthracene	17.337	178	312166	46.389	ng	99	
73) Carbazole	17.614	167	303379	49.231	ng	99	
74) Di-n-butylphthalate	18.160	149	373106	47.996	ng	99	
75) Fluoranthene	19.259	202	390960	46.987	ng	99	
77) Benzidine	19.447	184	123481	58.352	ng	98	
78) Pyrene	19.623	202	400887	48.727	ng	98	
80) Butylbenzylphthalate	20.510	149	163727	49.069	ng	96	
81) Benzo(a)anthracene	21.427	228	394870	48.042	ng	98	
82) 3,3'-Dichlorobenzidine	21.350	252	107553	37.902	ng	99	
83) Chrysene	21.491	228	362460	45.752	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.327	149	238215	48.677	ng	99	
85) Di-n-octyl phthalate	22.478	149	414364	49.228	ng	99	
87) Indeno(1,2,3-cd)pyrene	28.019	276	488227	49.760	ng	# 94	
88) Benzo(b)fluoranthene	23.542	252	420027	52.200	ng	97	
89) Benzo(k)fluoranthene	23.607	252	394066	47.487	ng	99	
90) Benzo(a)pyrene	24.376	252	364750	46.037	ng	98	
91) Dibenzo(a,h)anthracene	28.066	278	402732	49.952	ng	98	
92) Benzo(g,h,i)perylene	29.112	276	392247	48.660	ng	98	

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

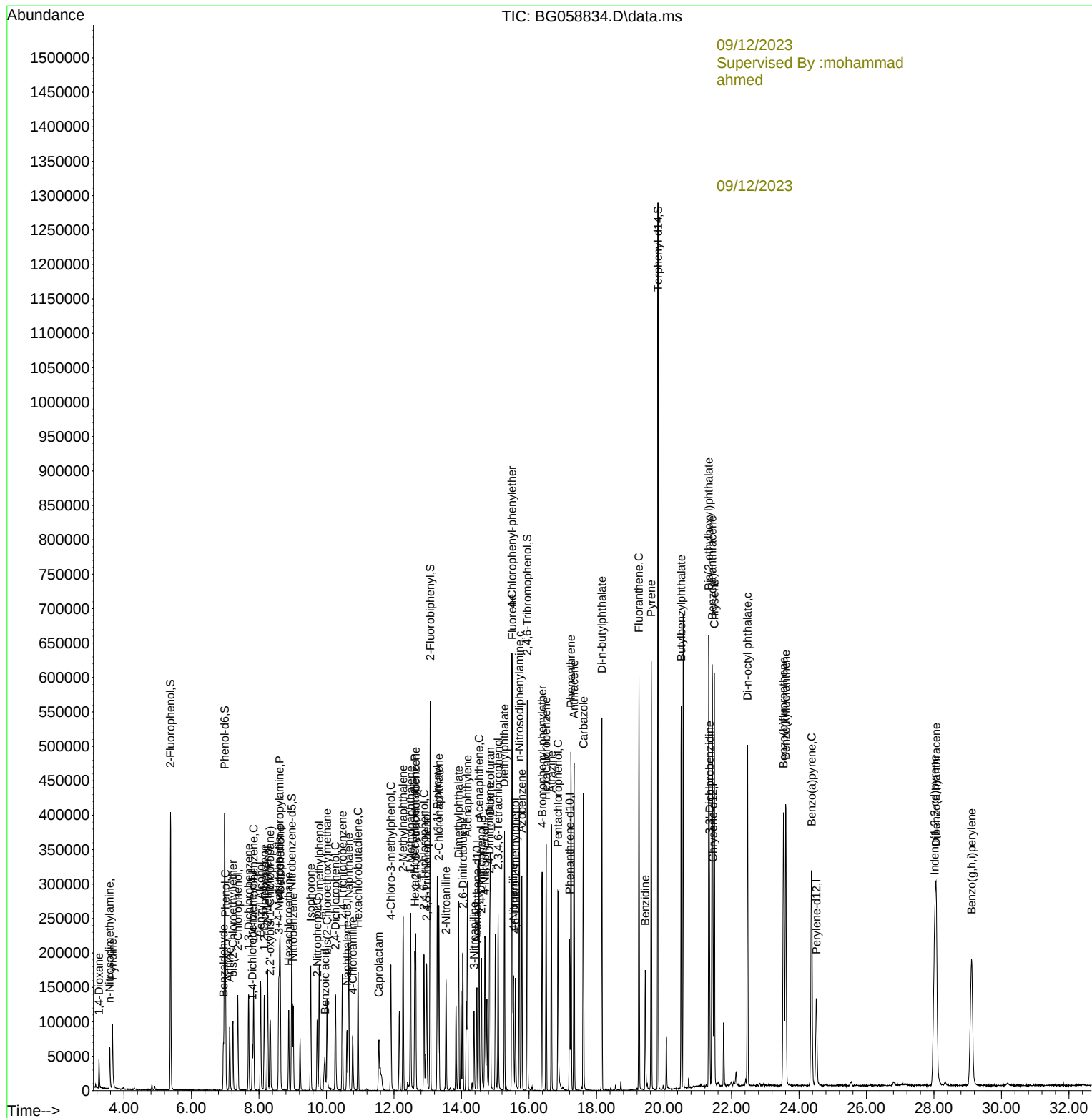
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\  
Data File : BG058834.D  
Acq On    : 24 Aug 2023  11:47  
Operator  : MA/JU  
Sample    : PB154945BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
```

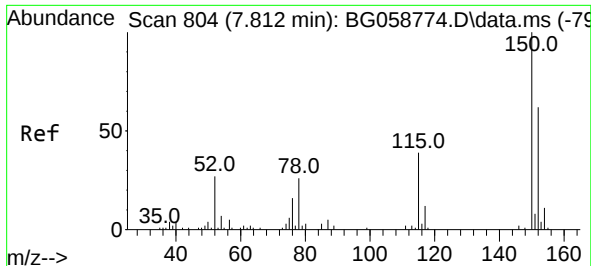
Instrument :
BNA_G
ClientSampleId :
PB154945BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

Quant Time: Aug 24 12:21:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

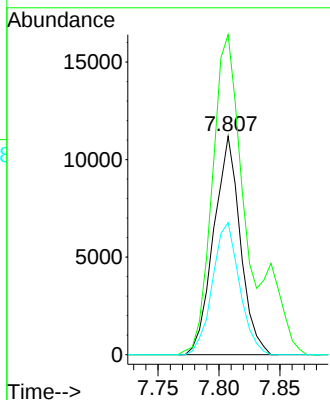
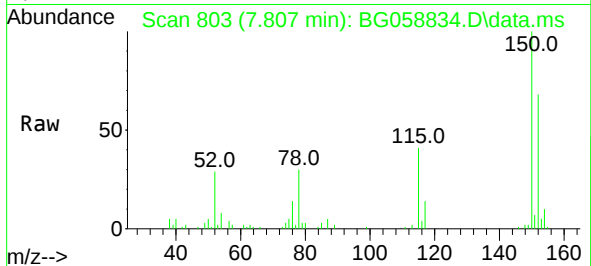
ClientSampleId :

PB154945BS

Tgt Ion:152 Resp: 1704
Ion Ratio Lower Upper
152 100
150 146.5 128.6 192.8
115 60.5 50.4 75.6

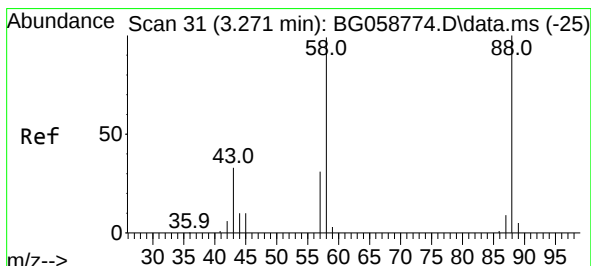
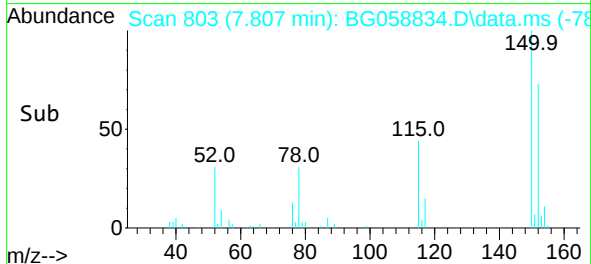
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



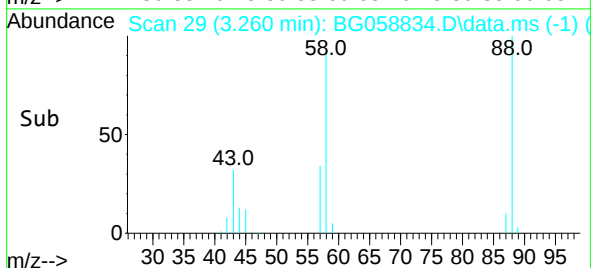
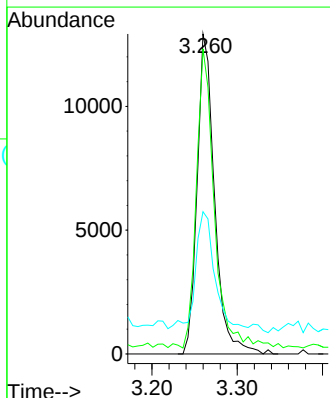
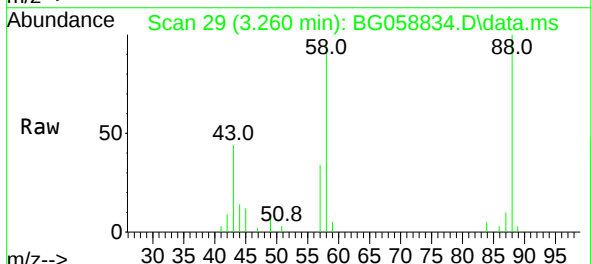
09/12/2023
Supervised By :mohammad
ahmed

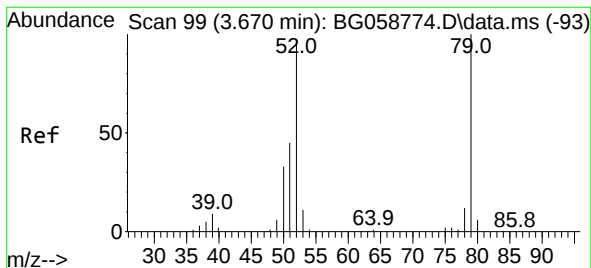
09/12/2023



#2
1,4-Dioxane
Concen: 36.854 ng
RT: 3.260 min Scan# 29
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 88 Resp: 18349
Ion Ratio Lower Upper
88 100
58 97.4 82.8 124.2
43 38.7 30.1 45.1





#3

Pyridine

Concen: 34.395 ng

RT: 3.659 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

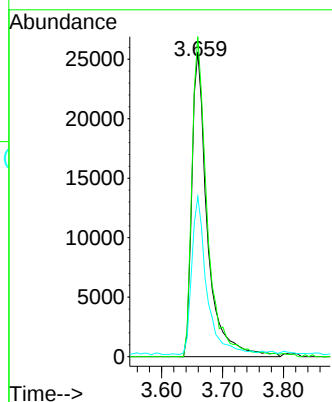
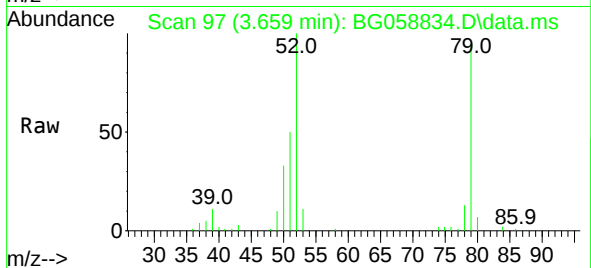
ClientSampleId :

PB154945BS

Tgt Ion:	79	Resp:	4525
Ion Ratio	Lower	Upper	
79	100		
52	105.0	77.6	116.4
51	52.5	37.5	56.3

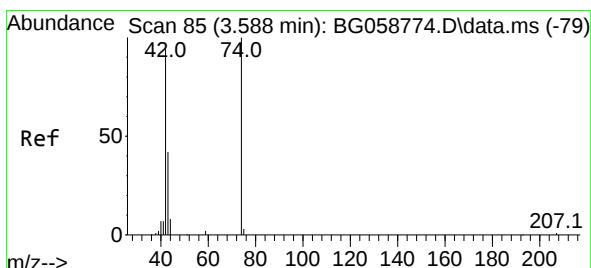
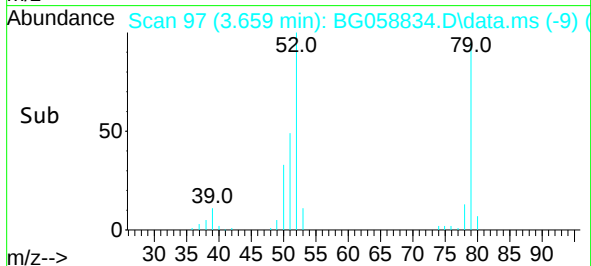
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



09/12/2023
Supervised By :mohammad
ahmed

09/12/2023



#4

n-Nitrosodimethylamine

Concen: 46.994 ng

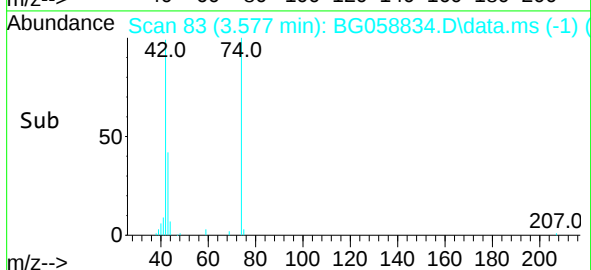
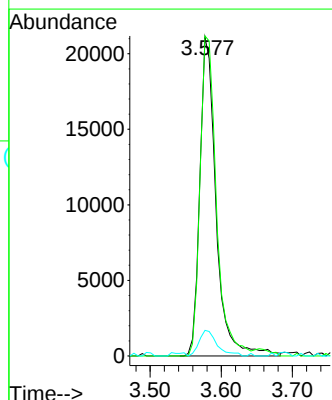
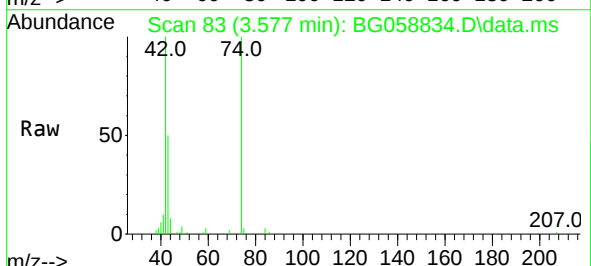
RT: 3.577 min Scan# 83

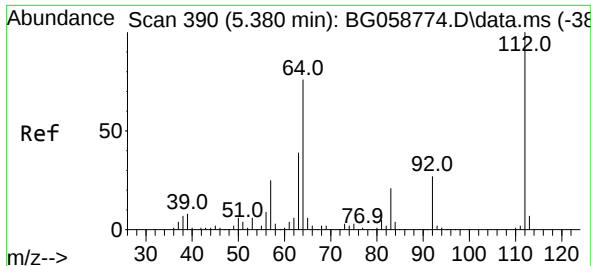
Delta R.T. -0.011 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Tgt Ion:	42	Resp:	33614
Ion Ratio	Lower	Upper	
42	100		
74	100.5	85.1	127.7
44	8.1	6.9	10.3





#5
2-Fluorophenol
Concen: 151.389 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

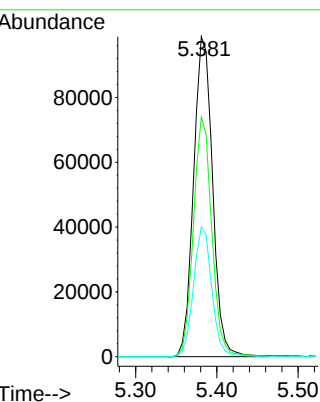
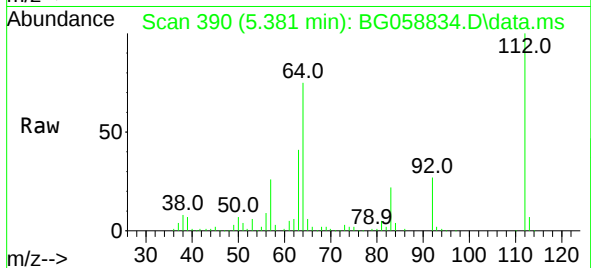
ClientSampleId :

PB154945BS

Tgt Ion:112 Resp: 16032
Ion Ratio Lower Upper
112 100
64 75.0 60.6 90.8
63 40.5 31.0 46.4

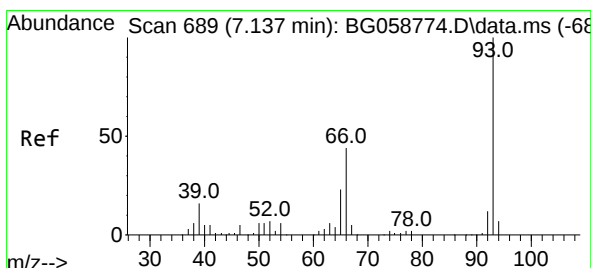
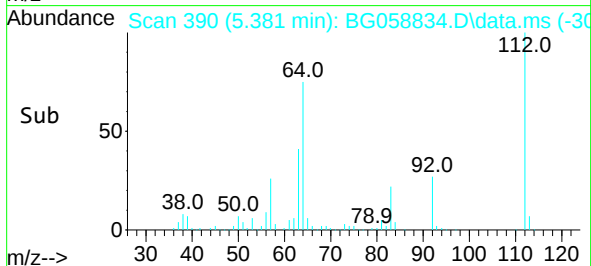
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



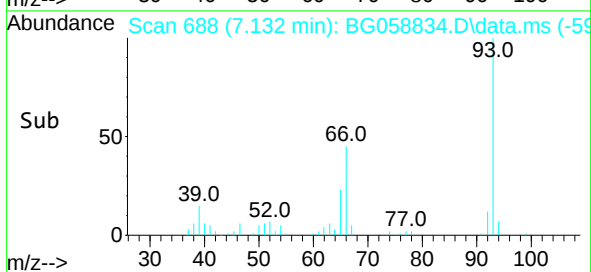
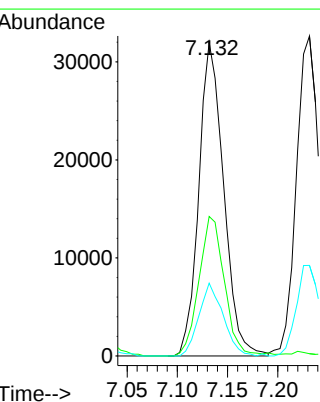
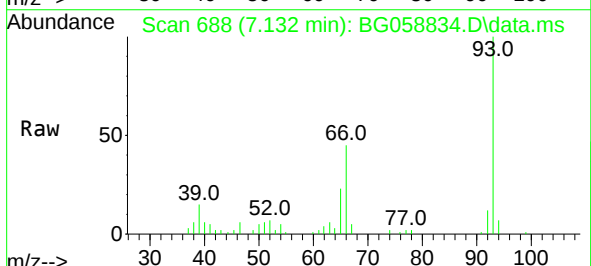
09/12/2023
Supervised By :mohammad
ahmed

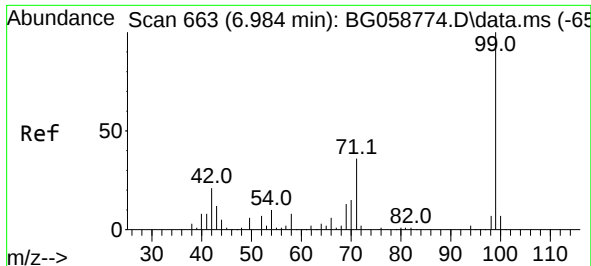
09/12/2023



#6
Aniline
Concen: 30.250 ng
RT: 7.132 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 93 Resp: 54942
Ion Ratio Lower Upper
93 100
66 44.5 35.7 53.5
65 23.2 18.2 27.2





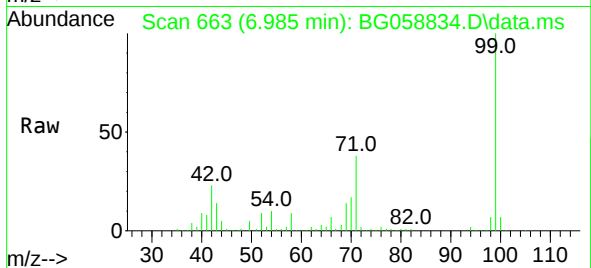
#7
Phenol-d6
Concen: 144.271 ng
RT: 6.985 min Scan# 601
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

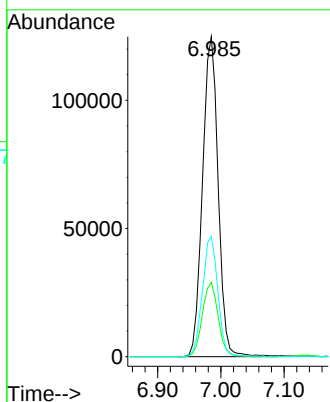
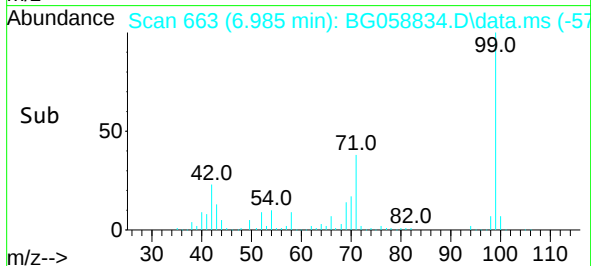
PB154945BS



Tgt Ion: 99 Resp: 214350
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 37.5 28.4 42.6

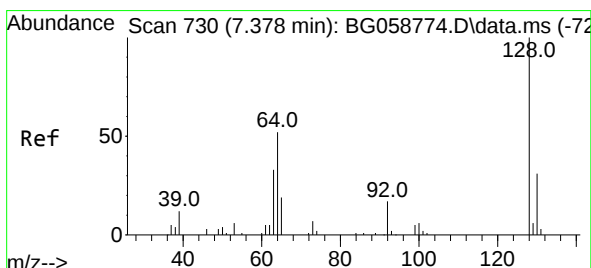
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

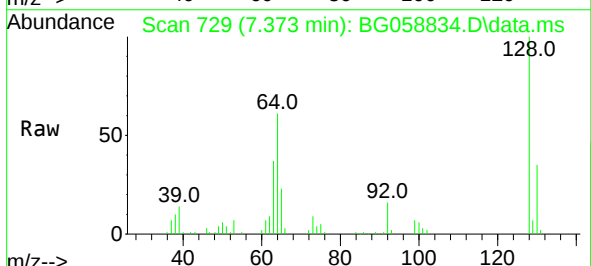


09/12/2023
Supervised By :mohammad
ahmed

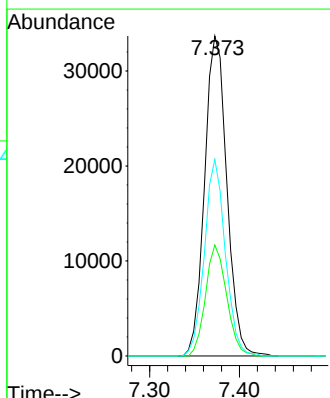
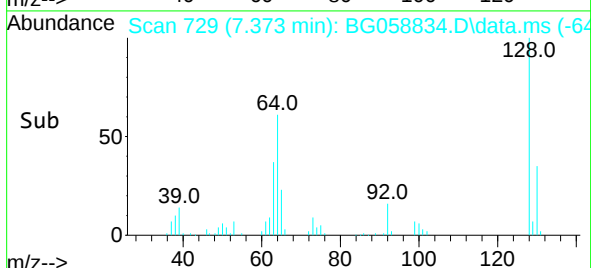
09/12/2023

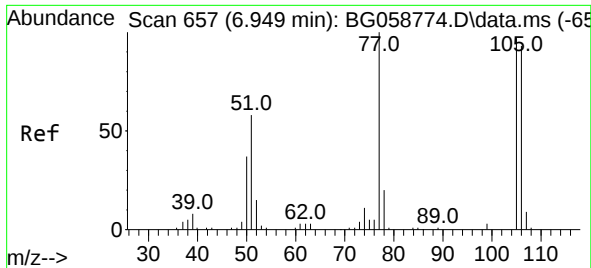


#8
2-Chlorophenol
Concen: 54.067 ng
RT: 7.373 min Scan# 729
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:128 Resp: 57893
Ion Ratio Lower Upper
128 100
130 34.7 10.9 50.9
64 61.4 38.4 78.4





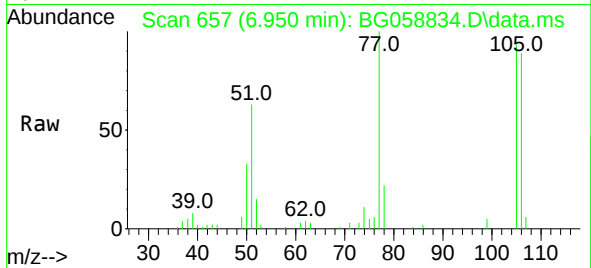
#9
Benzaldehyde
Concen: 29.790 ng m
RT: 6.950 min Scan# 657
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

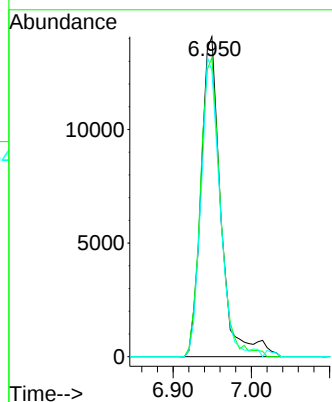
PB154945BS



Tgt Ion: 77 Resp: 24828
Ion Ratio Lower Upper
77 100
105 93.4 76.7 116.7
106 89.4 73.4 113.4

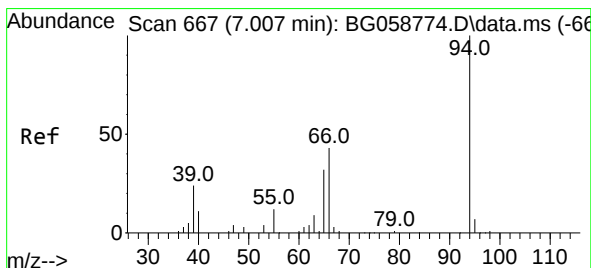
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



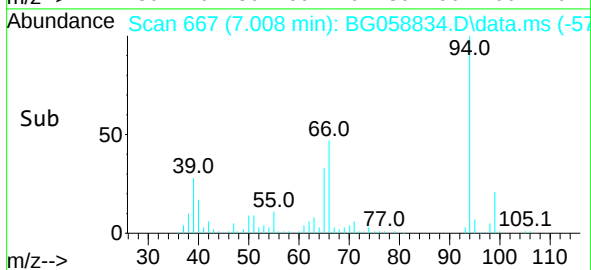
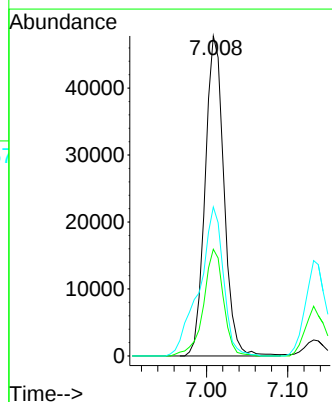
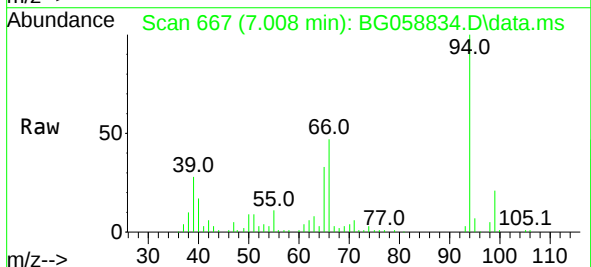
09/12/2023
Supervised By :mohammad
ahmed

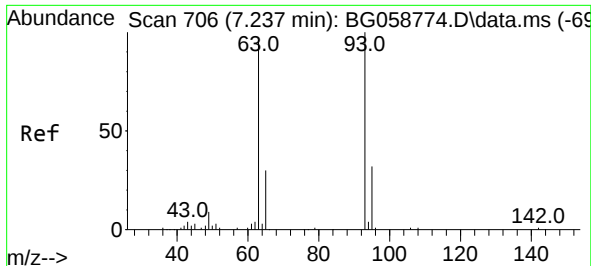
09/12/2023



#10
Phenol
Concen: 53.629 ng
RT: 7.008 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 94 Resp: 76835
Ion Ratio Lower Upper
94 100
65 33.4 12.6 52.6
66 46.6 26.6 66.6





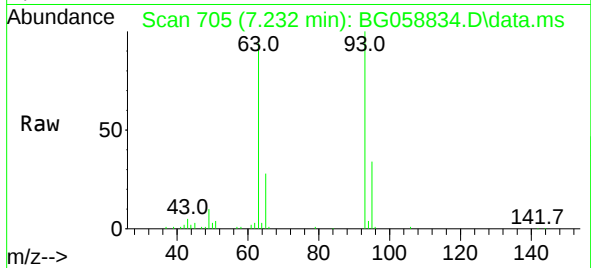
#11
bis(2-Chloroethyl)ether
Concen: 48.238 ng
RT: 7.232 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

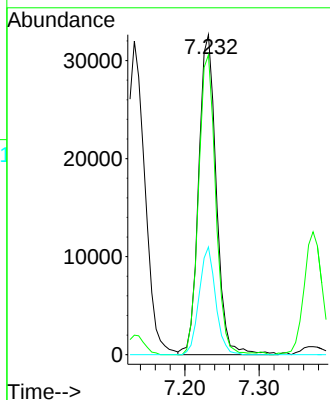
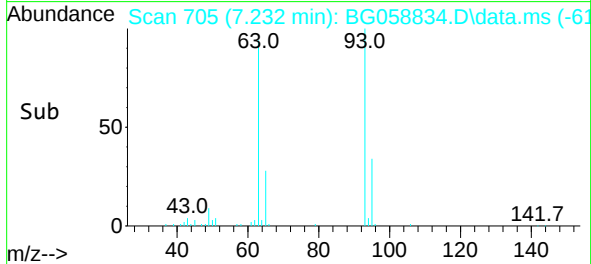
PB154945BS



Tgt Ion: 93 Resp: 53927
Ion Ratio Lower Upper
93 100
63 93.7 74.8 114.8
95 33.6 12.1 52.1

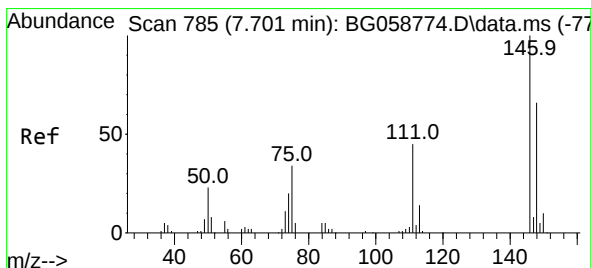
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

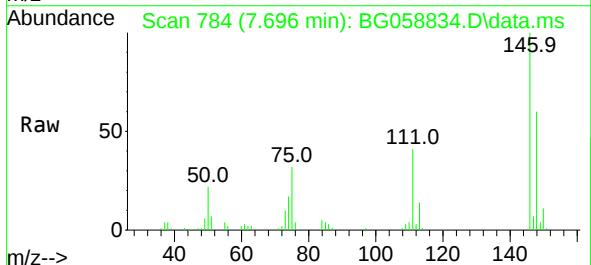


09/12/2023
Supervised By :mohammad
ahmed

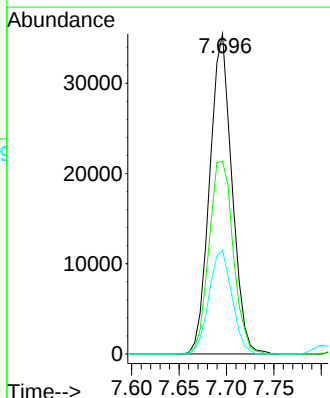
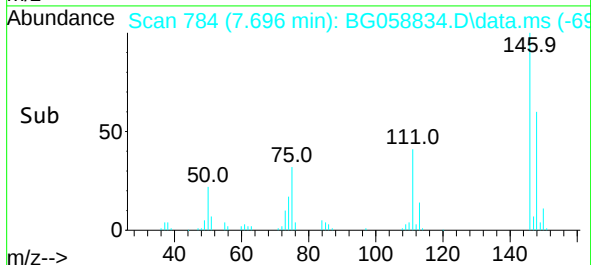
09/12/2023

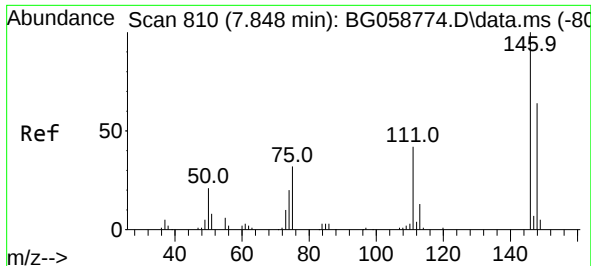


#12
1,3-Dichlorobenzene
Concen: 50.843 ng
RT: 7.696 min Scan# 784
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:146 Resp: 57827
Ion Ratio Lower Upper
146 100
148 60.2 52.4 78.6
75 32.4 27.6 41.4





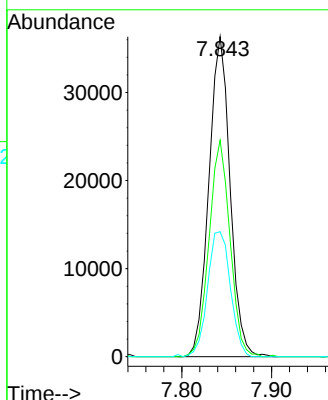
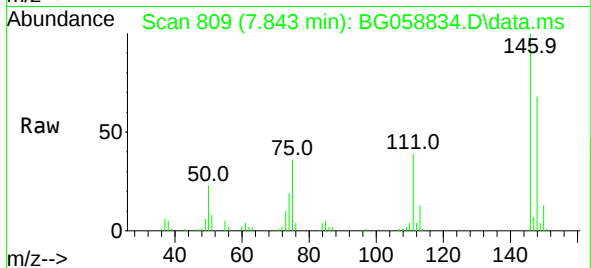
#13
1,4-Dichlorobenzene
Concen: 51.779 ng
RT: 7.843 min Scan# 809
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :
BNA_G
ClientSampleId :
PB154945BS

Tgt Ion:146 Resp: 5955
Ion Ratio Lower Upper
146 100
148 67.6 51.3 76.9
111 39.1 33.8 50.8

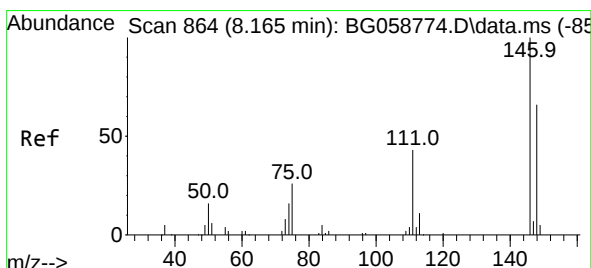
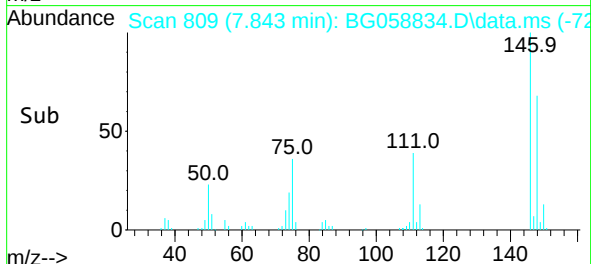
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



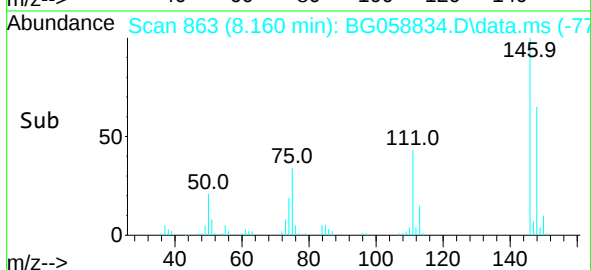
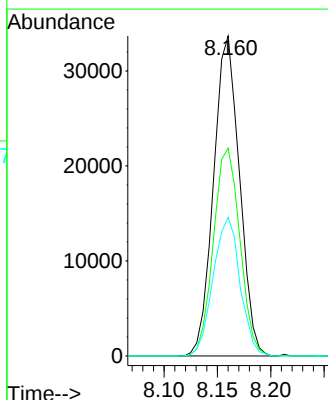
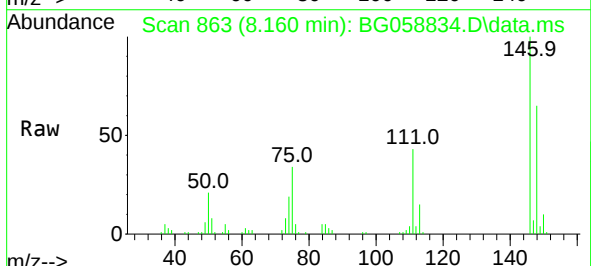
09/12/2023
Supervised By :mohammad
ahmed

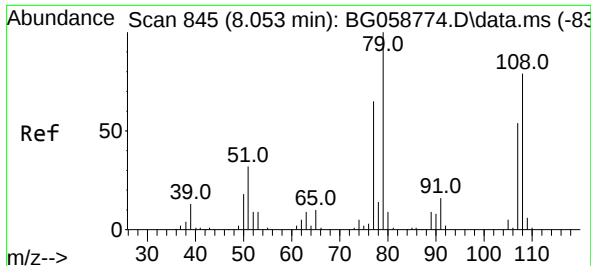
09/12/2023



#14
1,2-Dichlorobenzene
Concen: 51.199 ng
RT: 8.160 min Scan# 863
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:146 Resp: 56914
Ion Ratio Lower Upper
146 100
148 64.9 52.9 79.3
111 43.3 35.5 53.3





#15
Benzyl Alcohol
Concen: 52.010 ng
RT: 8.048 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

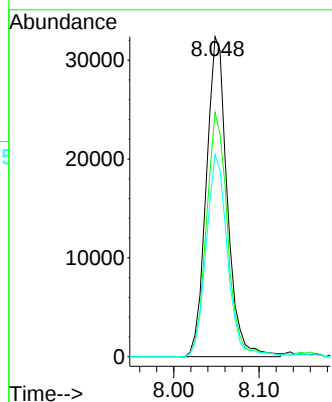
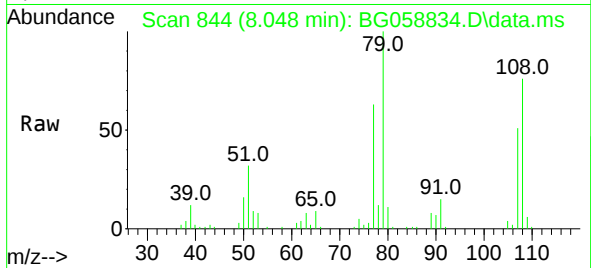
ClientSampleId :

PB154945BS

Tgt Ion: 79 Resp: 55250
Ion Ratio Lower Upper
79 100
108 76.4 63.4 95.0
77 63.2 52.2 78.2

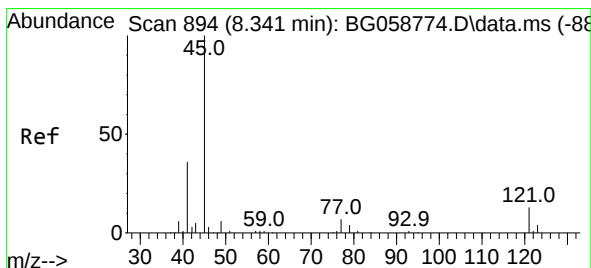
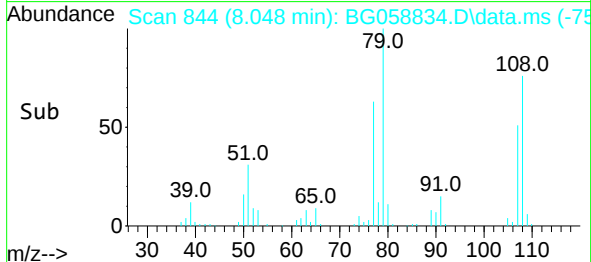
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



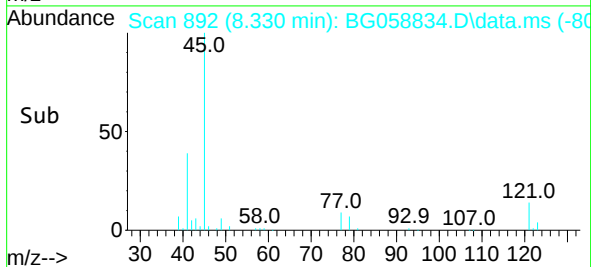
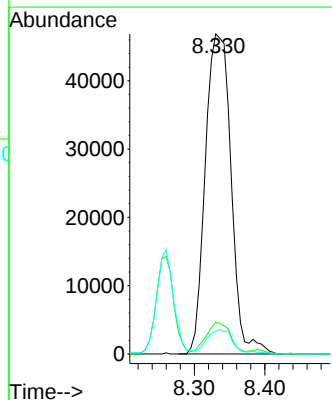
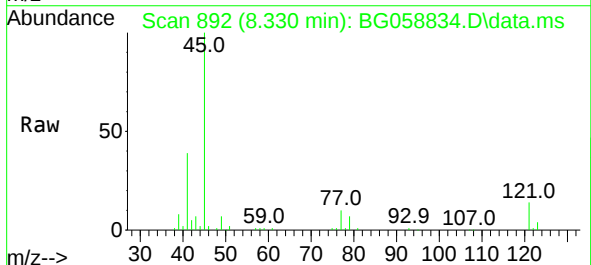
09/12/2023
Supervised By :mohammad
ahmed

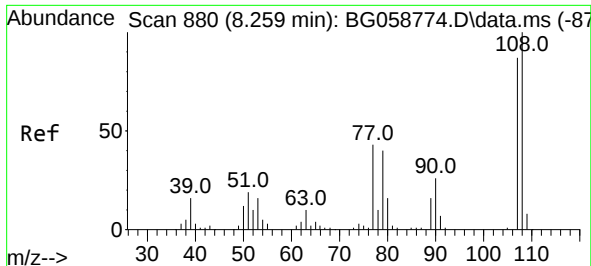
09/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.938 ng m
RT: 8.330 min Scan# 892
Delta R.T. -0.011 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 45 Resp: 118975
Ion Ratio Lower Upper
45 100
77 9.9 0.0 30.3
79 7.1 0.0 27.7





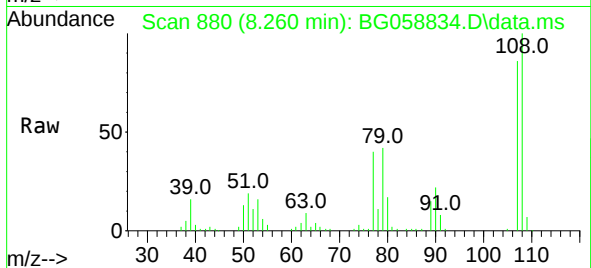
#17
2-Methylphenol
Concen: 49.165 ng
RT: 8.260 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

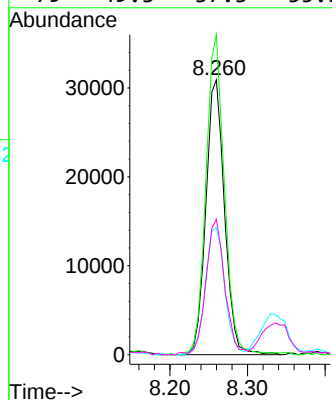
PB154945BS



Tgt Ion:107 Resp: 51730
Ion Ratio Lower Upper
107 100
108 116.4 92.2 138.2
77 46.2 40.0 60.0
79 49.3 37.3 55.9

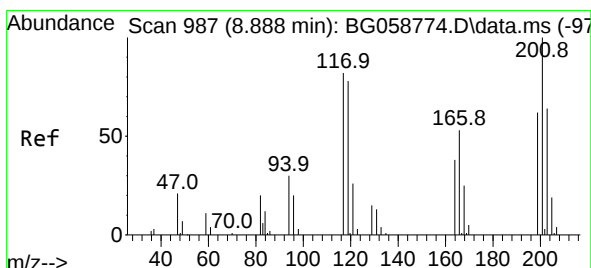
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



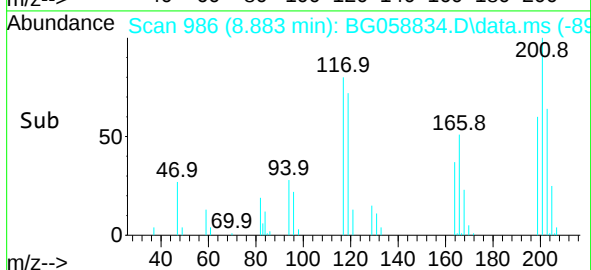
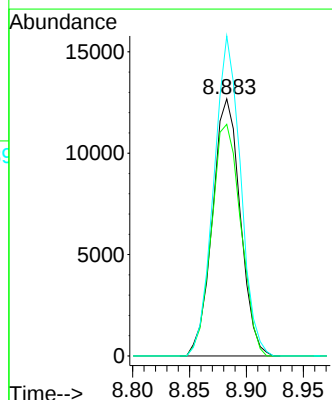
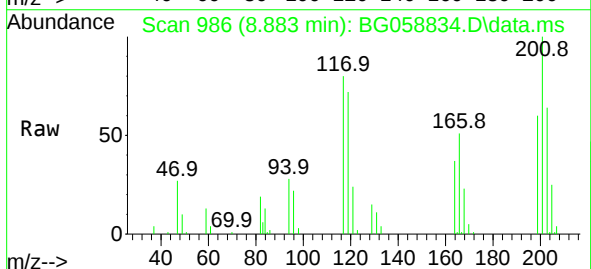
09/12/2023
Supervised By :mohammad
ahmed

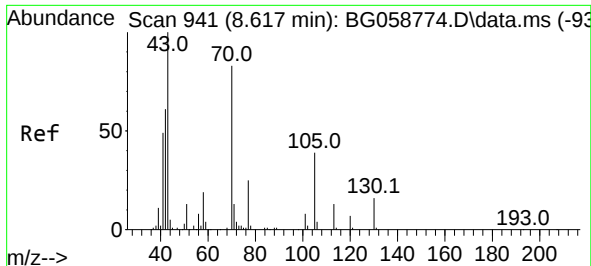
09/12/2023



#18
Hexachloroethane
Concen: 51.469 ng
RT: 8.883 min Scan# 986
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:117 Resp: 21568
Ion Ratio Lower Upper
117 100
119 90.1 76.6 115.0
201 124.4 97.0 145.6





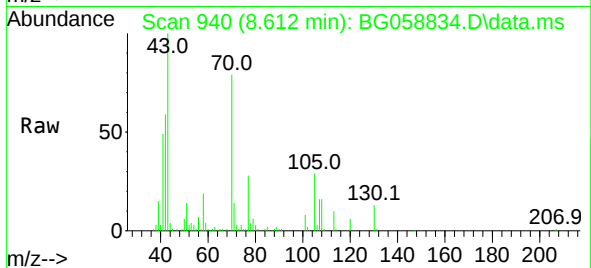
#19
n-Nitroso-di-n-propylamine
Concen: 46.272 ng
RT: 8.612 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

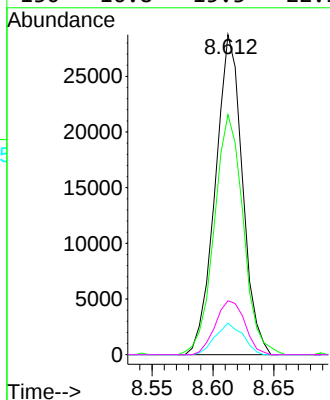
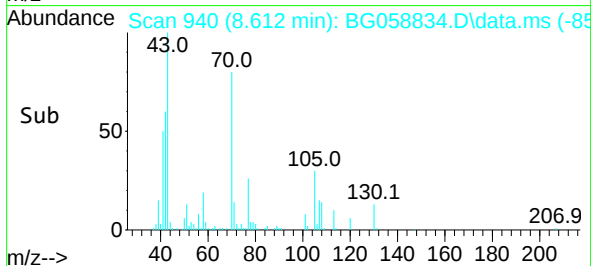
PB154945BS



Tgt Ion: 70 Resp: 4444
Ion Ratio Lower Upper
70 100
42 75.0 59.2 88.8
101 9.9 8.2 12.2
130 16.8 15.3 22.9

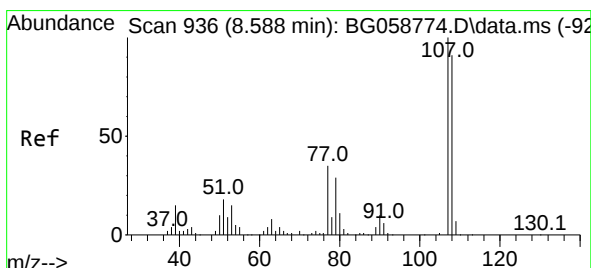
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

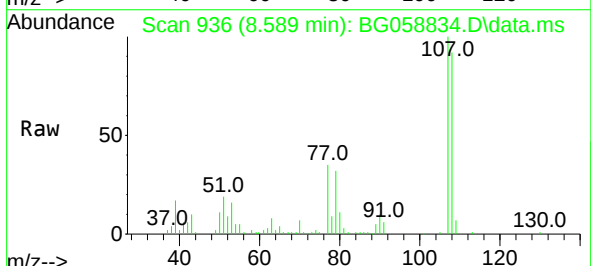


09/12/2023
Supervised By :mohammad
ahmed

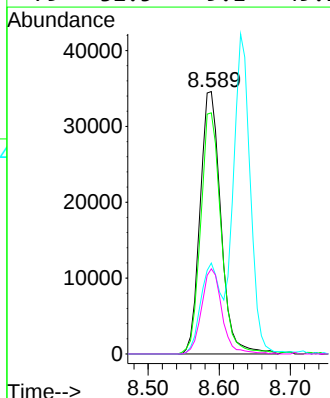
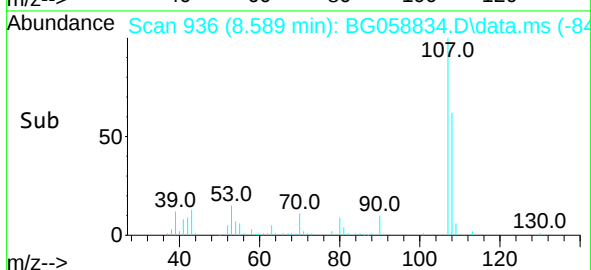
09/12/2023

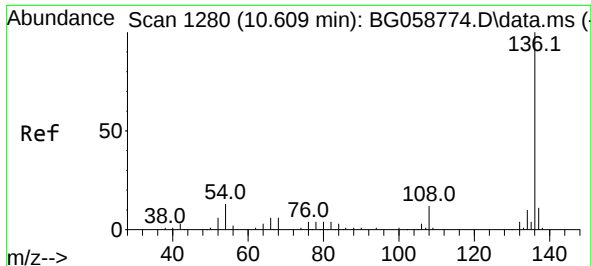


#20
3+4-Methylphenols
Concen: 49.674 ng
RT: 8.589 min Scan# 936
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:107 Resp: 70276
Ion Ratio Lower Upper
107 100
108 91.9 70.6 110.6
77 34.6 14.8 54.8
79 32.5 9.1 49.1





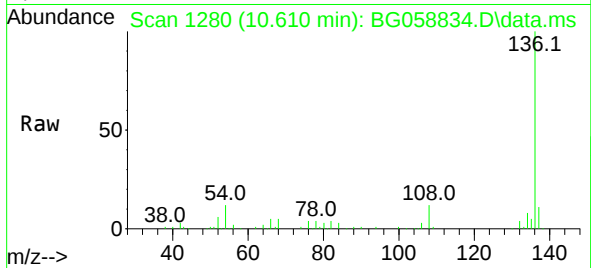
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1060
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

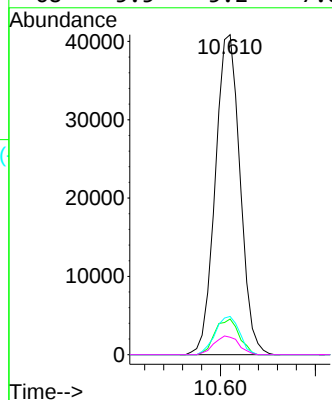
PB154945BS



Tgt Ion:136 Resp: 7407
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 12.0 10.1 15.1
68 5.5 5.2 7.8

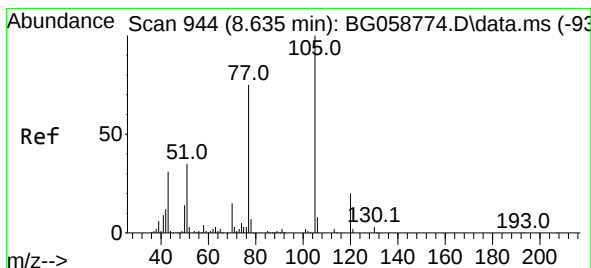
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



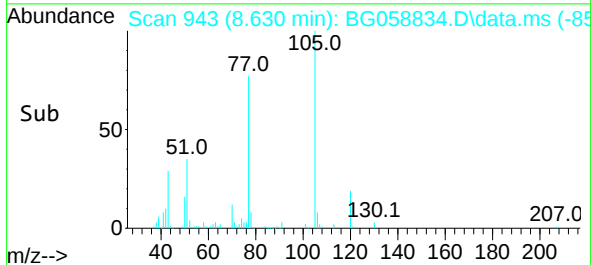
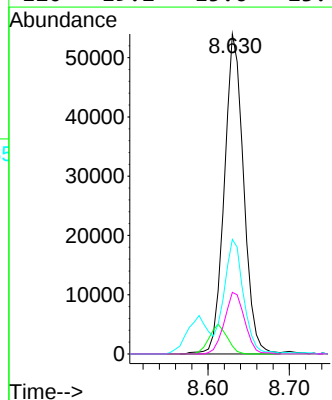
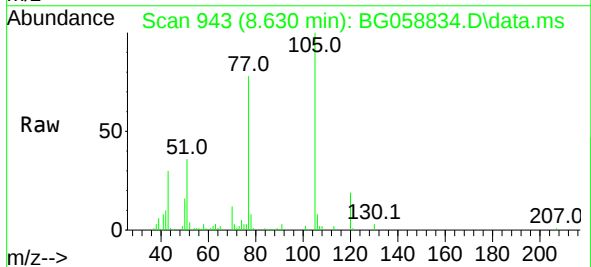
09/12/2023
Supervised By :mohammad
ahmed

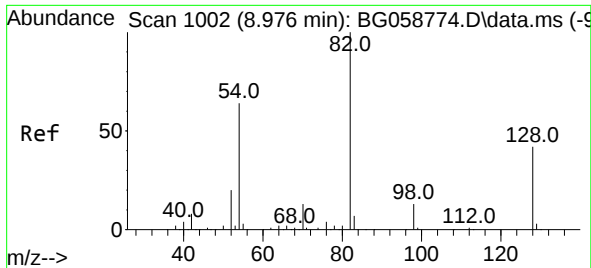
09/12/2023



#22
Acetophenone
Concen: 44.460 ng
RT: 8.630 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:105 Resp: 89147
Ion Ratio Lower Upper
105 100
71 2.5 2.2 3.2
51 35.8 28.5 42.7
120 19.2 15.6 23.4





#23

Nitrobenzene-d5

Concen: 84.701 ng

RT: 8.971 min Scan# 1001

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

Tgt Ion: 82 Resp: 130499

Ion Ratio Lower Upper

82 100

128 38.9 33.2 49.8

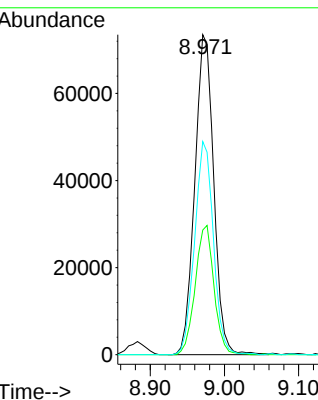
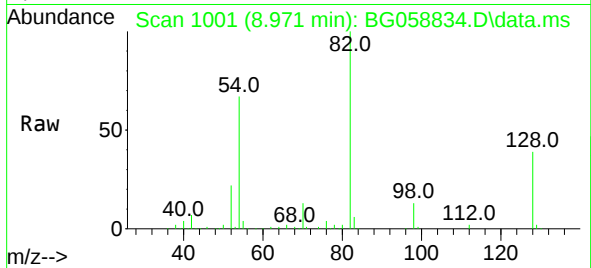
54 66.6 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh

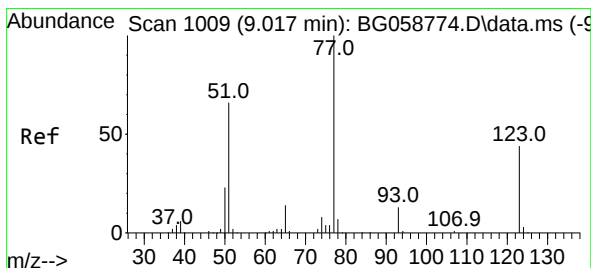
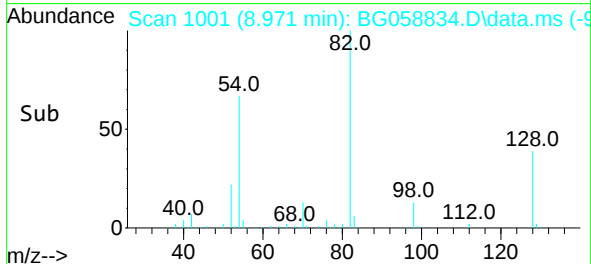
Patel



09/12/2023

Supervised By :mohammad
ahmed

09/12/2023



#24

Nitrobenzene

Concen: 43.506 ng

RT: 9.012 min Scan# 1008

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

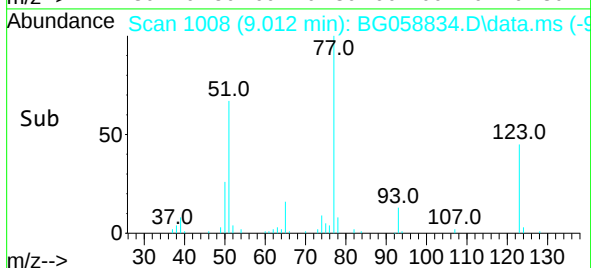
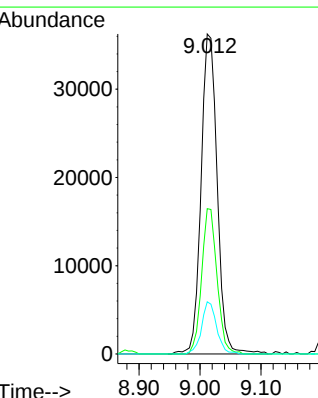
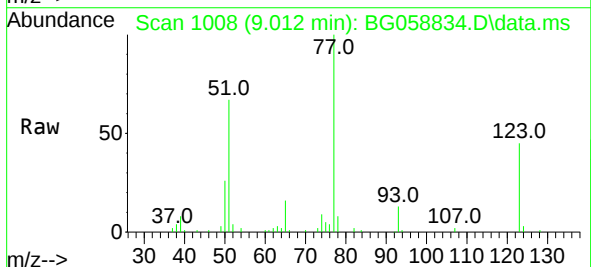
Tgt Ion: 77 Resp: 66667

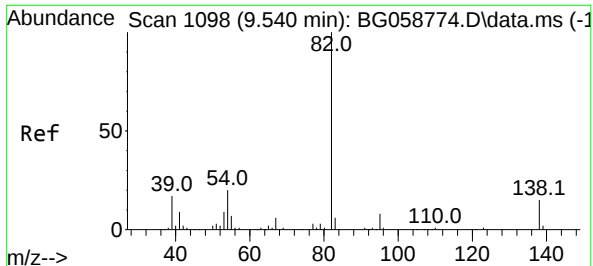
Ion Ratio Lower Upper

77 100

123 45.4 34.9 52.3

65 16.3 10.9 16.3





#25
Isophorone
Concen: 42.621 ng
RT: 9.535 min Scan# 1097
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

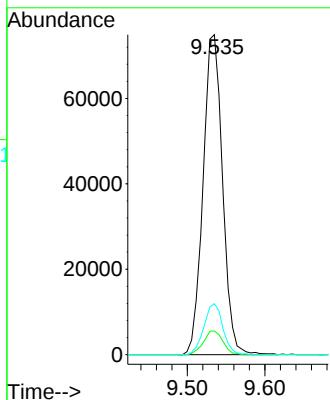
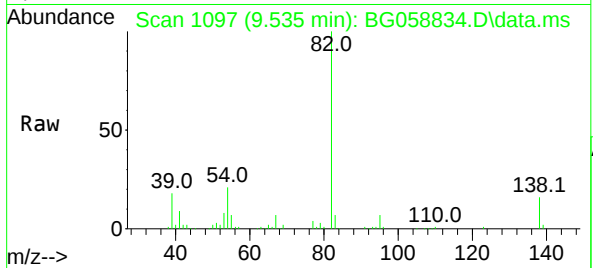
ClientSampleId :

PB154945BS

Tgt Ion: 82 Resp: 130580
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.9 12.2 18.4

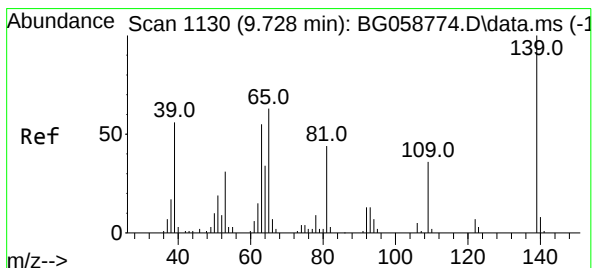
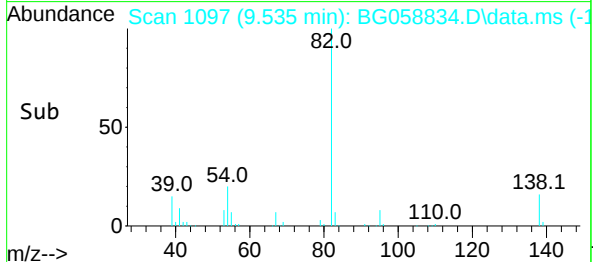
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



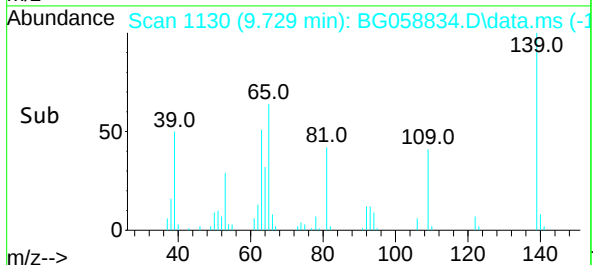
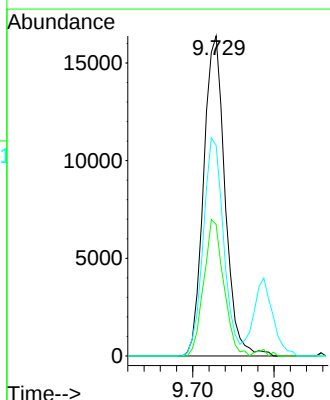
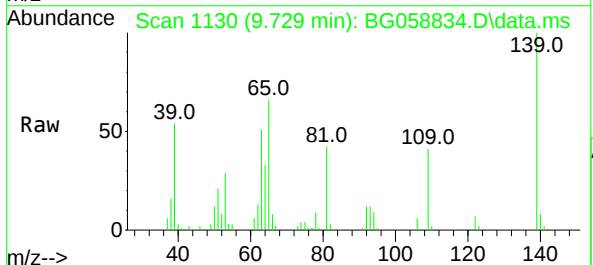
09/12/2023
Supervised By :mohammad
ahmed

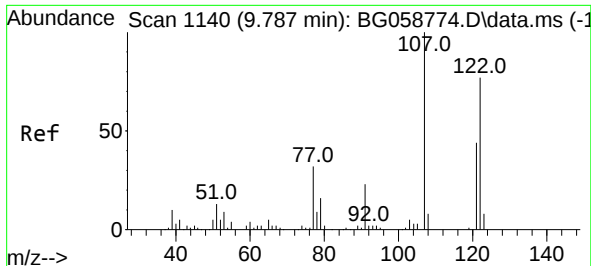
09/12/2023



#26
2-Nitrophenol
Concen: 46.675 ng
RT: 9.729 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:139 Resp: 29913
Ion Ratio Lower Upper
139 100
109 41.1 28.7 43.1
65 65.8 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 48.188 ng

RT: 9.787 min Scan# 1140

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

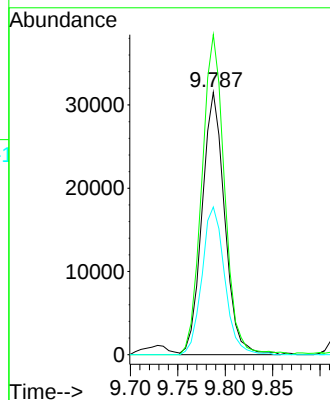
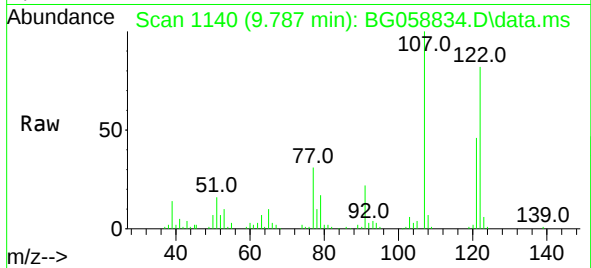
PB154945BS

Tgt Ion:	122	Resp:	5233
Ion	Ratio	Lower	Upper
122	100		
107	122.0	102.6	154.0
121	56.3	45.0	67.4

Manual Integrations

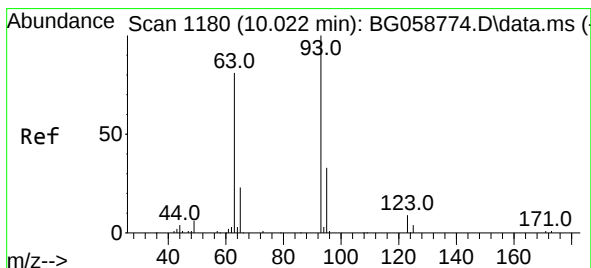
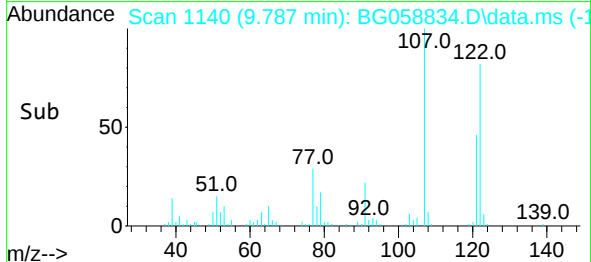
APPROVED

Reviewed By :Yogesh
Patel



09/12/2023
Supervised By :mohammad
ahmed

09/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.143 ng

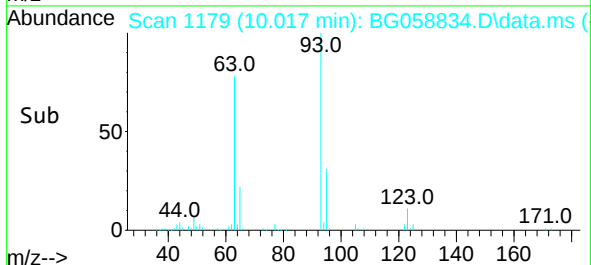
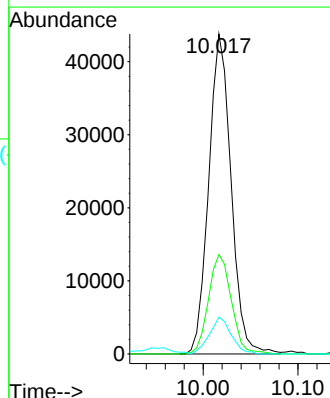
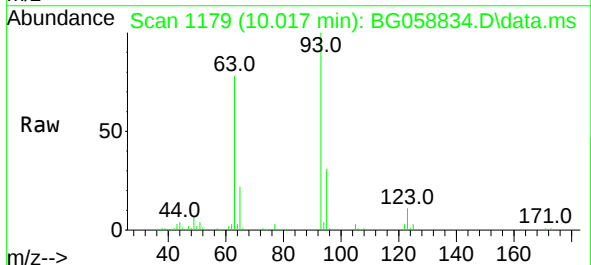
RT: 10.017 min Scan# 1179

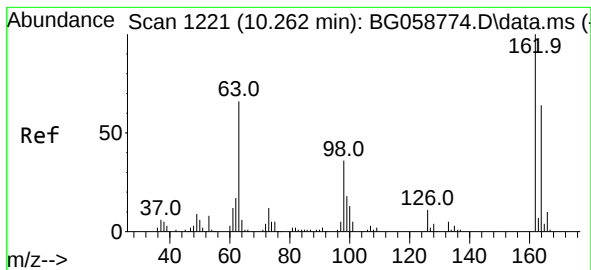
Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

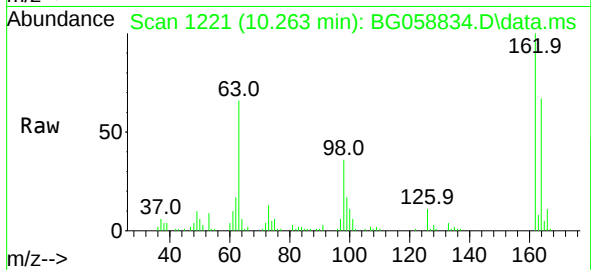
Tgt Ion:	93	Resp:	71642
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.4
123	11.5	8.1	12.1





#29
2,4-Dichlorophenol
Concen: 50.599 ng
RT: 10.263 min Scan# 1221
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

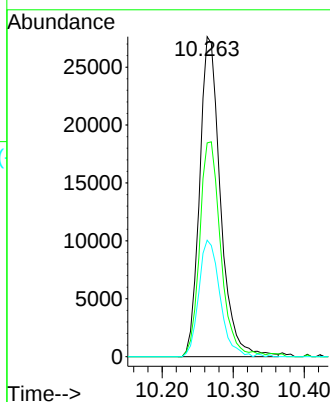
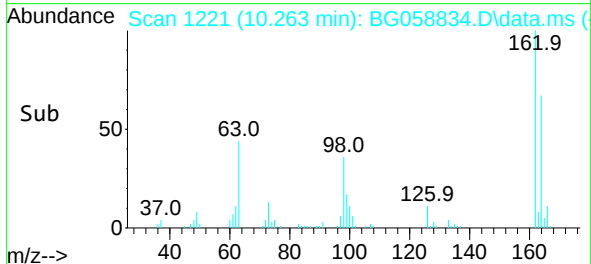
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:162 Resp: 56474
Ion Ratio Lower Upper
162 100
164 66.8 44.4 84.4
98 36.4 16.1 56.1

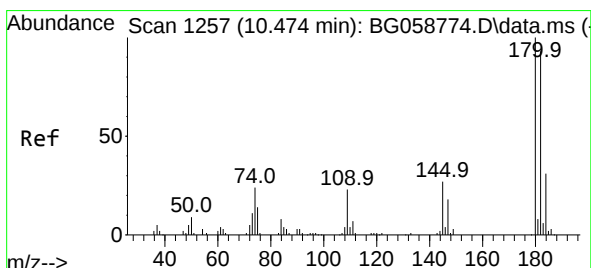
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

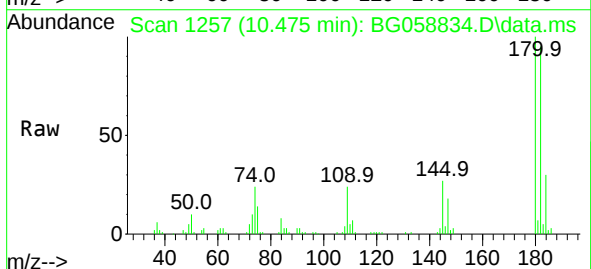


09/12/2023
Supervised By :mohammad
ahmed

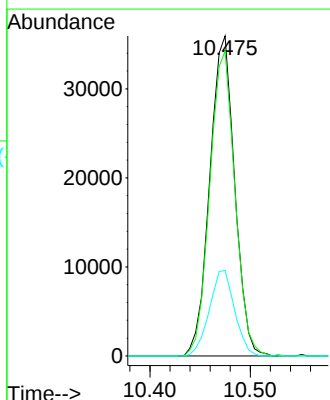
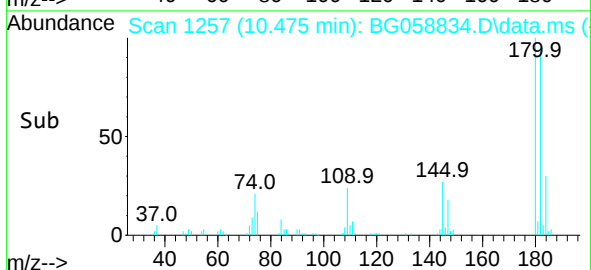
09/12/2023

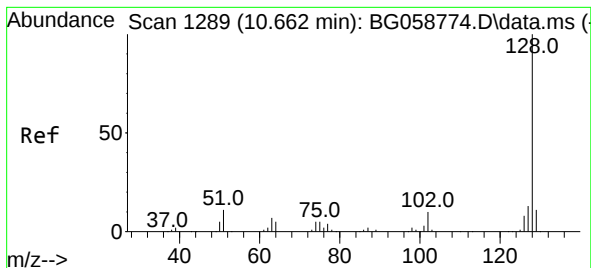


#30
1,2,4-Trichlorobenzene
Concen: 45.885 ng
RT: 10.475 min Scan# 1257
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:180 Resp: 61843
Ion Ratio Lower Upper
180 100
182 95.3 74.6 112.0
145 26.8 21.4 32.0





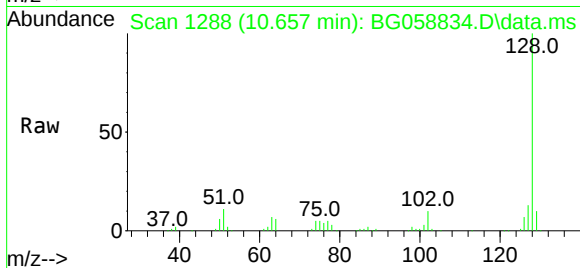
#31
Naphthalene
Concen: 44.974 ng
RT: 10.657 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

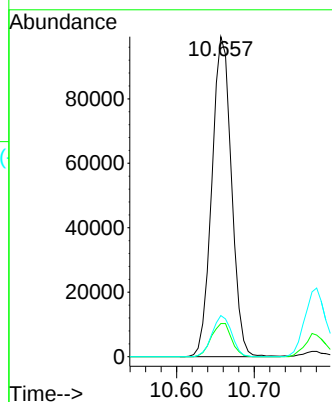
PB154945BS



Tgt Ion:128 Resp: 174918
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.8 10.6 15.8

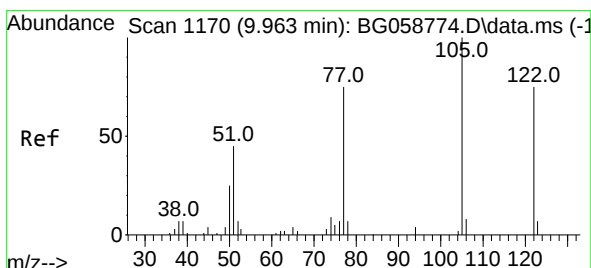
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



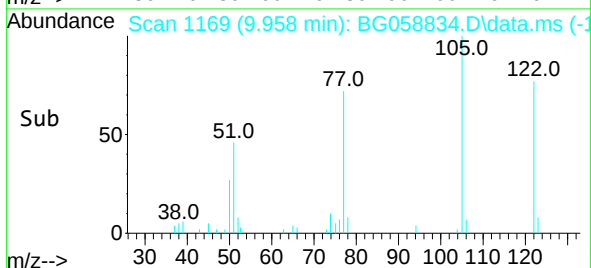
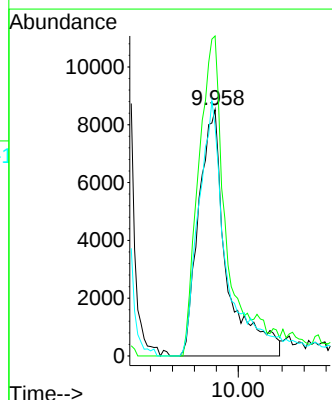
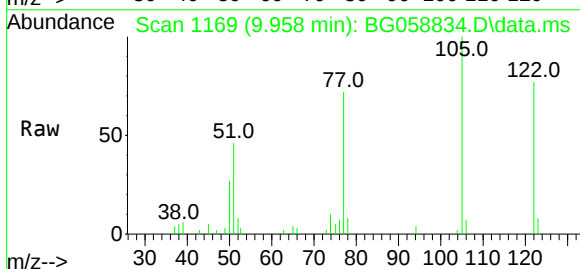
09/12/2023
Supervised By :mohammad
ahmed

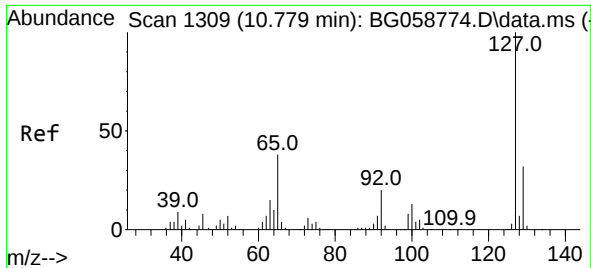
09/12/2023



#32
Benzoic acid
Concen: 45.661 ng m
RT: 9.958 min Scan# 1169
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:122 Resp: 30183
Ion Ratio Lower Upper
122 100
105 129.9 113.6 153.6
77 93.3 79.7 119.7





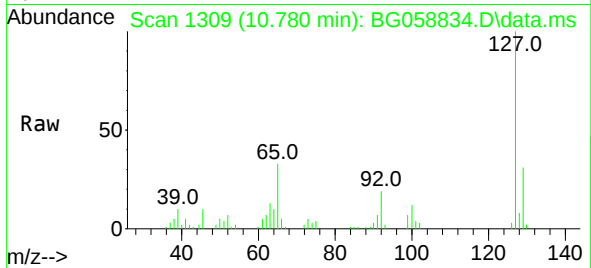
#33
4-Chloroaniline
Concen: 26.431 ng
RT: 10.780 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

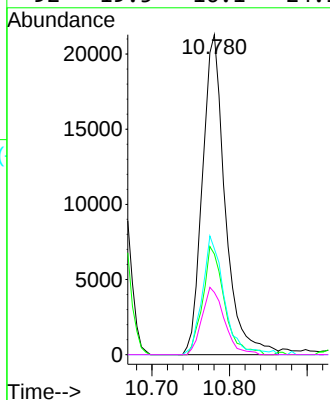
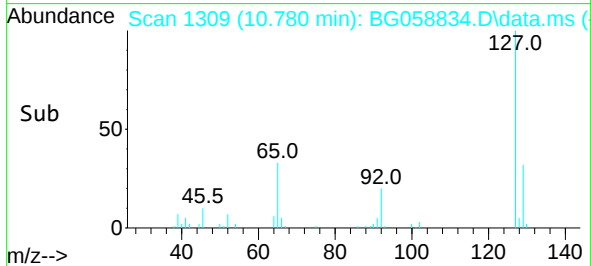
PB154945BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.2	37.8
65	33.1	30.5	45.7
92	19.5	16.1	24.1

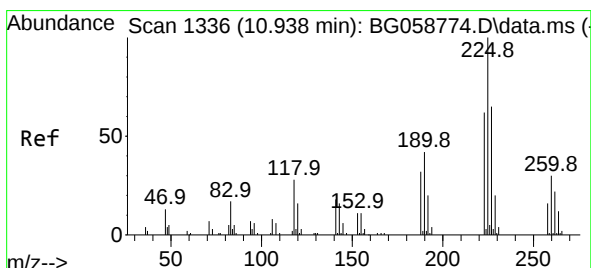
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

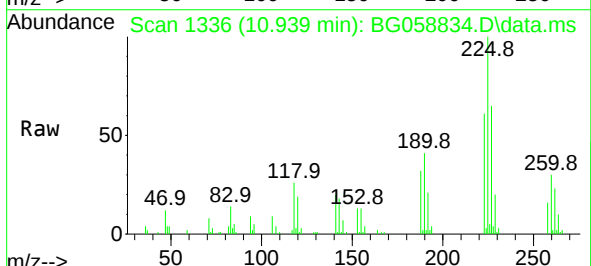


09/12/2023
Supervised By :mohammad
ahmed

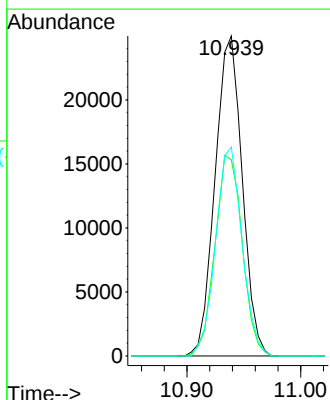
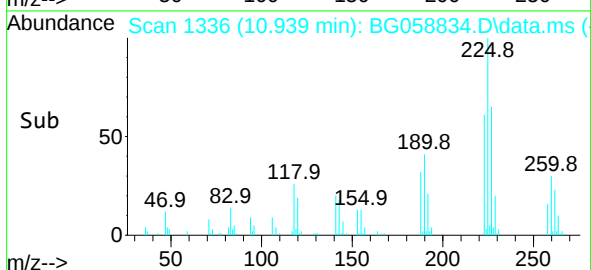
09/12/2023

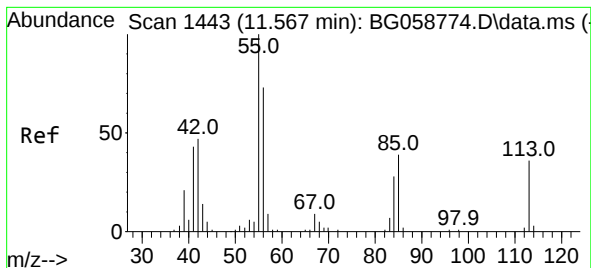


#34
Hexachlorobutadiene
Concen: 45.511 ng
RT: 10.939 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.9	74.9
227	65.3	51.6	77.4





#35
Caprolactam
Concen: 52.548 ng
RT: 11.550 min Scan# 1443
Delta R.T. -0.017 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

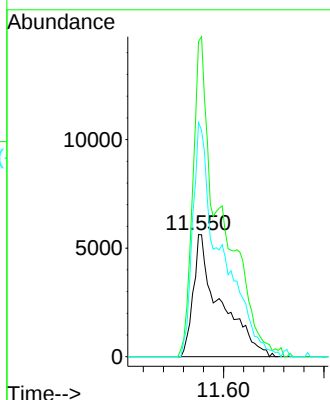
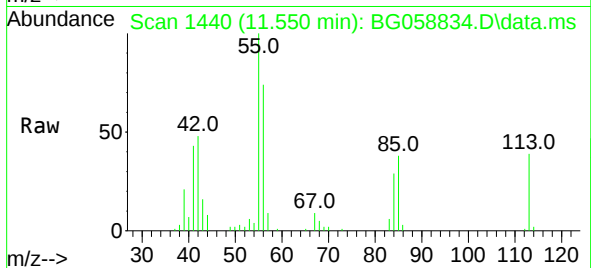
ClientSampleId :

PB154945BS

Tgt Ion:113 Resp: 21010
Ion Ratio Lower Upper
113 100
55 258.1 256.3 296.3
56 191.8 180.4 220.4

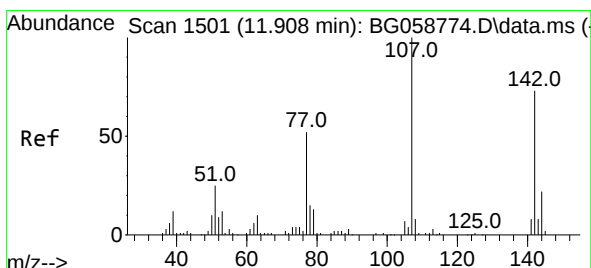
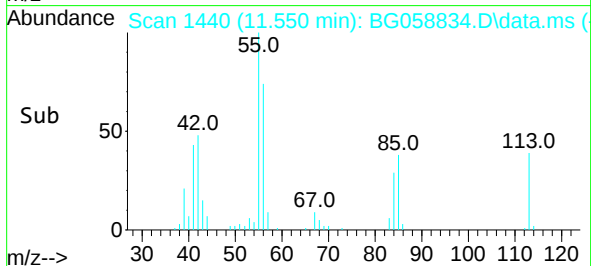
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



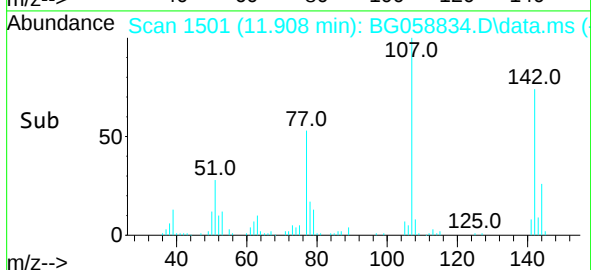
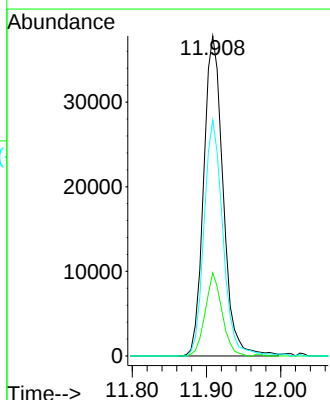
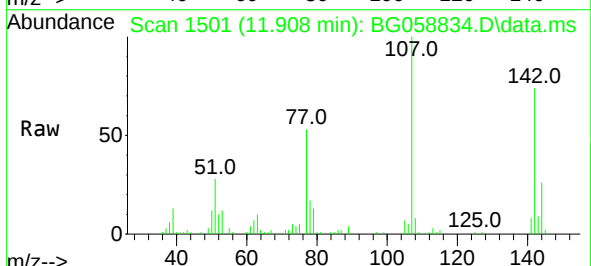
09/12/2023
Supervised By :mohammad
ahmed

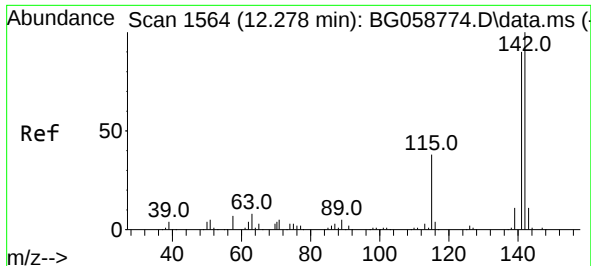
09/12/2023



#36
4-Chloro-3-methylphenol
Concen: 49.579 ng
RT: 11.908 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:107 Resp: 68815
Ion Ratio Lower Upper
107 100
144 26.0 17.9 26.9
142 73.7 58.5 87.7





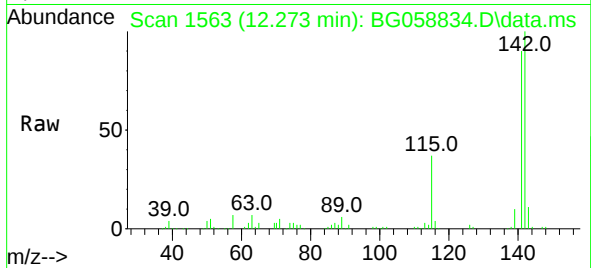
#37
2-Methylnaphthalene
Concen: 43.521 ng
RT: 12.273 min Scan# 1563
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

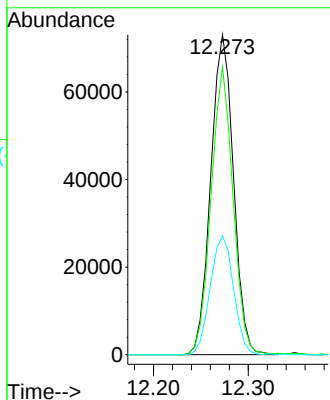
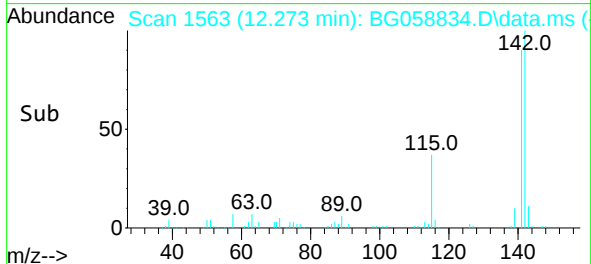
PB154945BS



Tgt Ion:142 Resp: 121572
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8
115 37.2 30.6 45.8

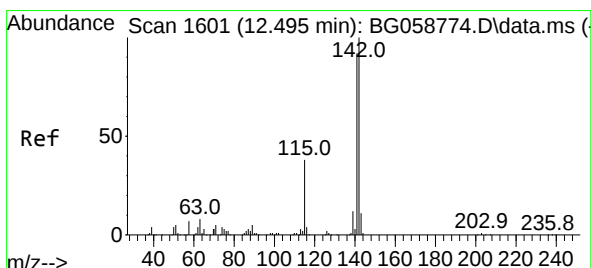
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



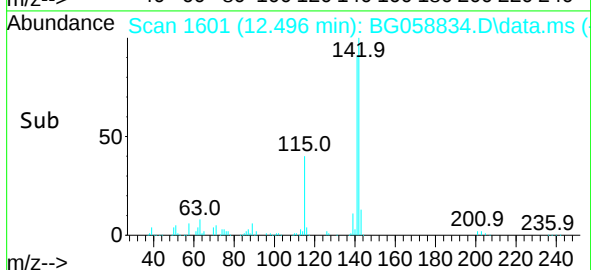
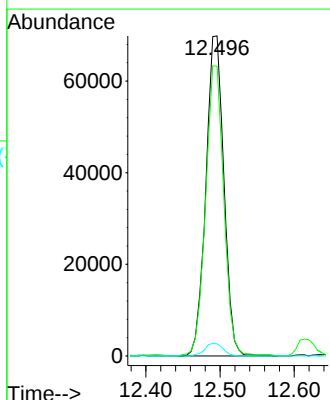
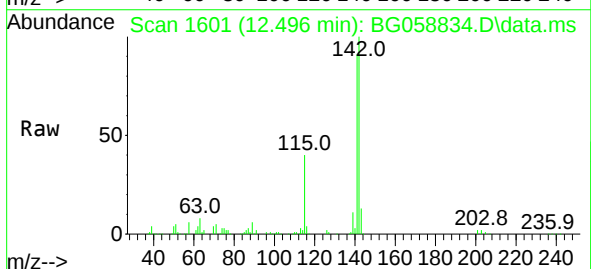
09/12/2023
Supervised By :mohammad
ahmed

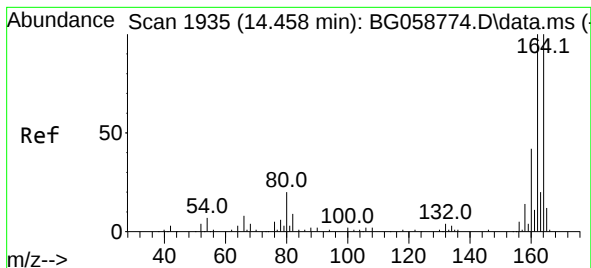
09/12/2023



#38
1-Methylnaphthalene
Concen: 44.477 ng
RT: 12.496 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:142 Resp: 117937
Ion Ratio Lower Upper
142 100
141 90.5 73.9 110.9
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. 0.001 min

Lab File: BG058834.D

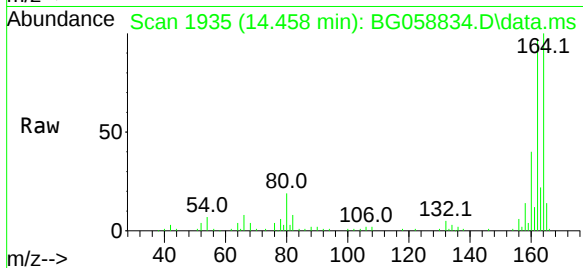
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

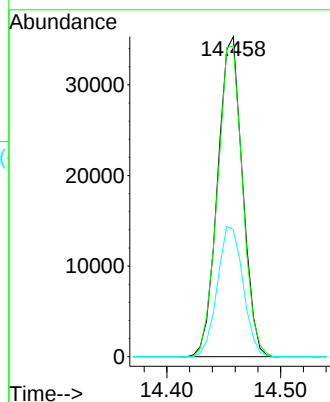
PB154945BS



Tgt Ion:164	Resp:	5357
Ion Ratio	Lower	Upper
164	100	
162	97.1	79.6 119.4
160	39.7	34.0 51.0

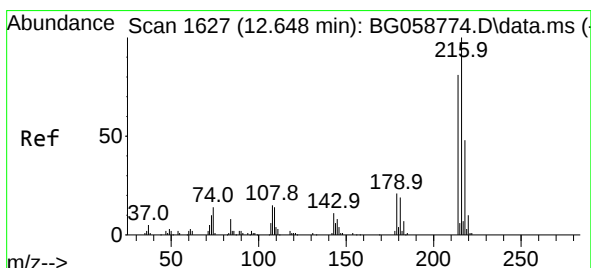
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



09/12/2023
Supervised By :mohammad
ahmed

09/12/2023



#40

1,2,4,5-Tetrachlorobenzene

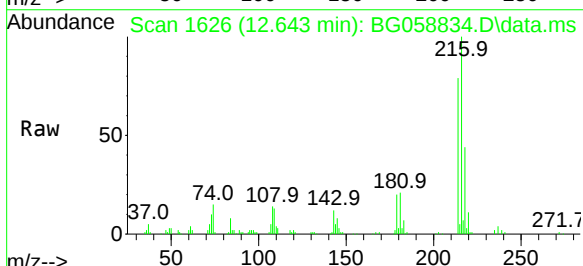
Concen: 44.482 ng

RT: 12.643 min Scan# 1626

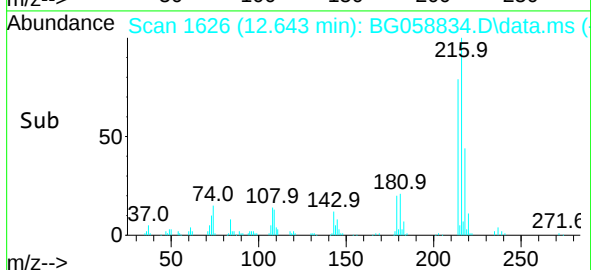
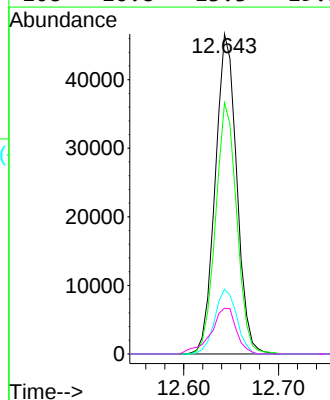
Delta R.T. -0.005 min

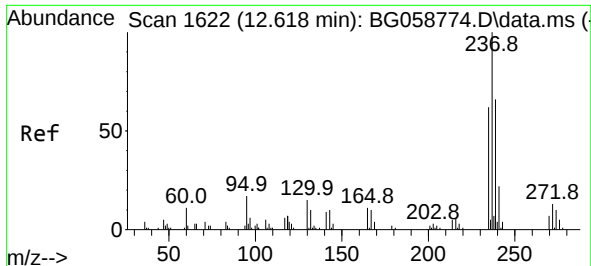
Lab File: BG058834.D

Acq: 24 Aug 2023 11:47



Tgt Ion:216	Resp:	73466
Ion Ratio	Lower	Upper
216	100	
214	77.4	64.0 96.0
179	20.7	16.2 24.4
108	16.8	13.3 19.9





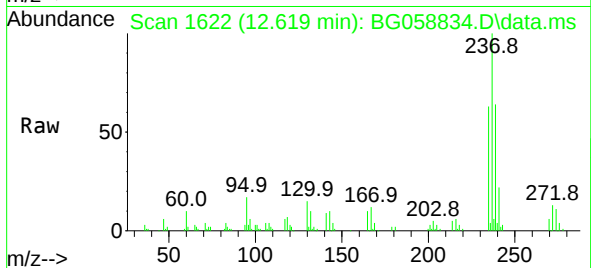
#41
Hexachlorocyclopentadiene
Concen: 87.563 ng
RT: 12.619 min Scan# 1622
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

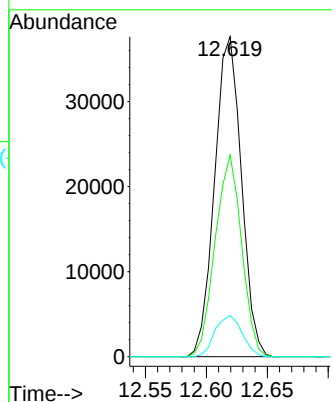
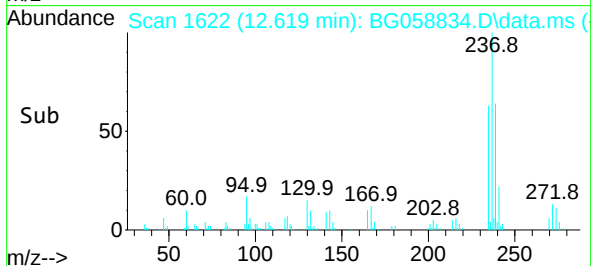
PB154945BS



Tgt Ion:237 Resp: 57498
Ion Ratio Lower Upper
237 100
235 63.0 41.5 81.5
272 12.9 0.0 32.5

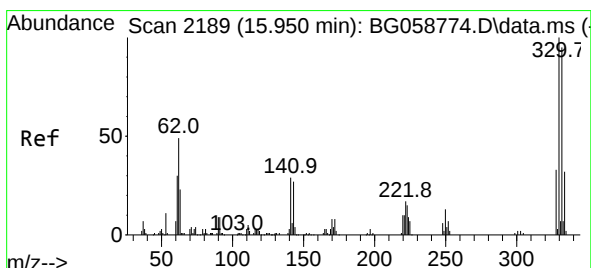
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

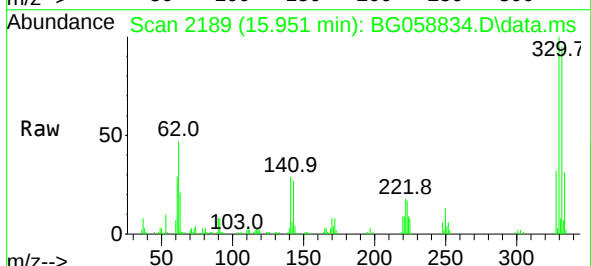


09/12/2023
Supervised By :mohammad
ahmed

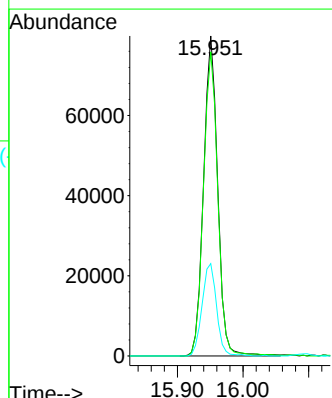
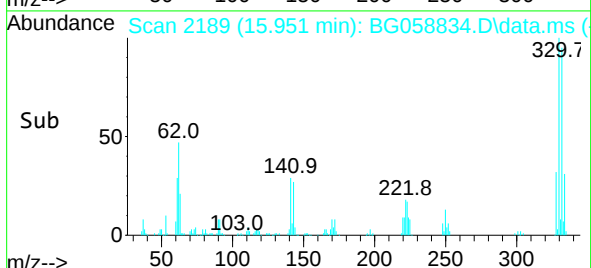
09/12/2023

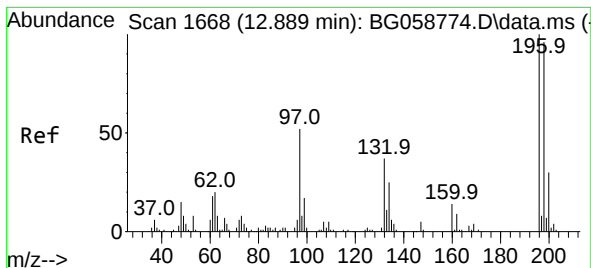


#42
2,4,6-Tribromophenol
Concen: 142.393 ng
RT: 15.951 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:330 Resp: 119612
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 29.7 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 48.957 ng
RT: 12.890 min Scan# 1668
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

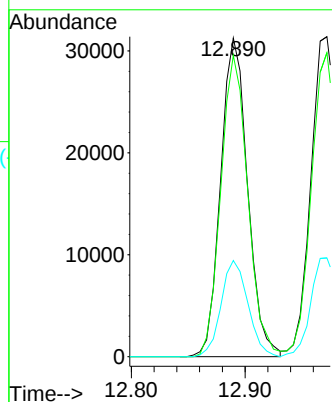
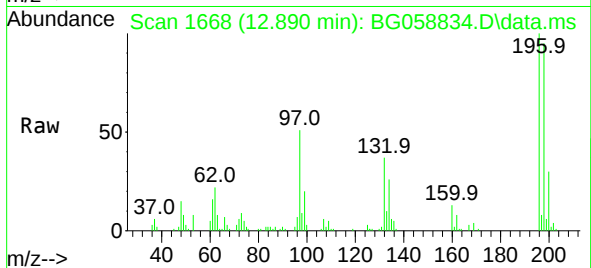
ClientSampleId :

PB154945BS

Tgt Ion:196 Resp: 51449
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.4
200 30.2 23.8 35.6

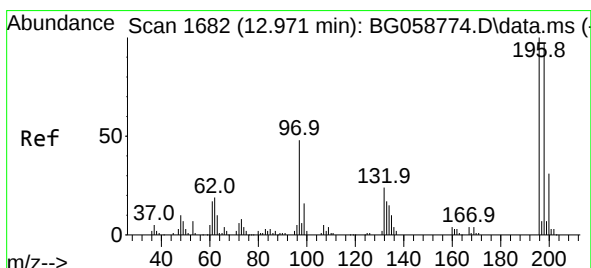
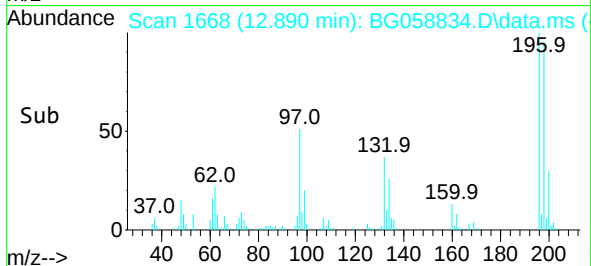
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



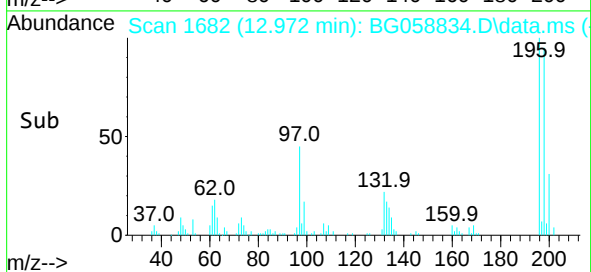
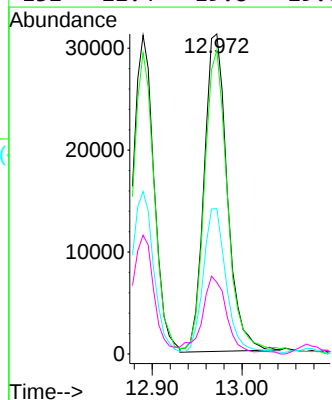
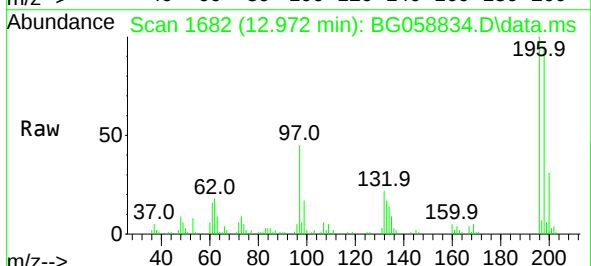
09/12/2023
Supervised By :mohammad
ahmed

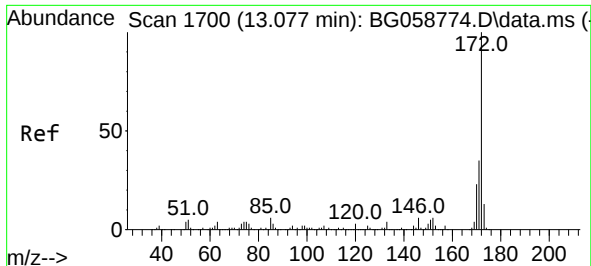
09/12/2023



#44
2,4,5-Trichlorophenol
Concen: 44.334 ng
RT: 12.972 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

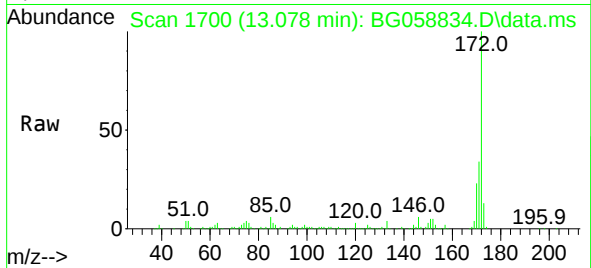
Tgt Ion:196 Resp: 55792
Ion Ratio Lower Upper
196 100
198 95.0 78.0 117.0
97 45.4 38.7 58.1
132 22.4 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 83.596 ng
RT: 13.078 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

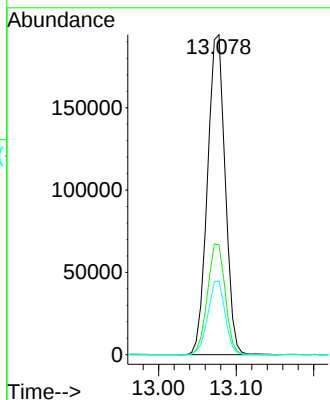
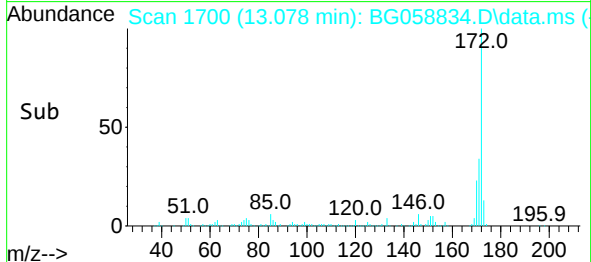
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:172 Resp: 307915
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.1 18.6 27.8

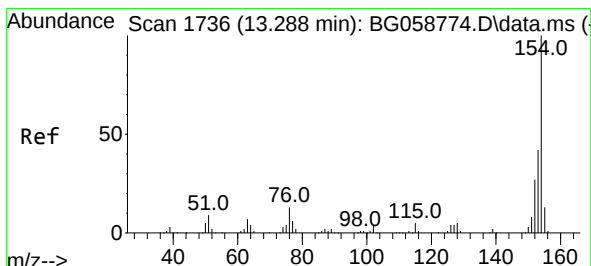
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

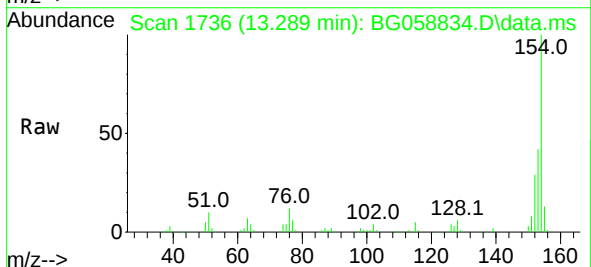


09/12/2023
Supervised By :mohammad
ahmed

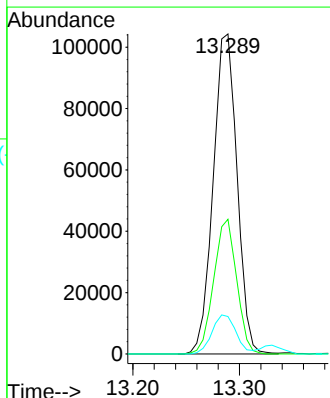
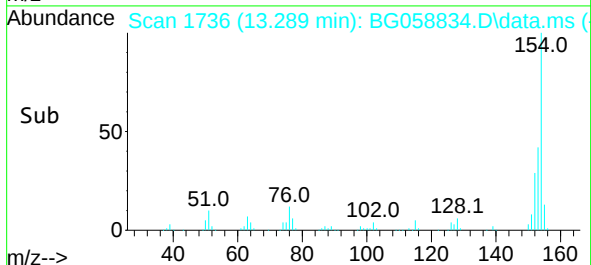
09/12/2023

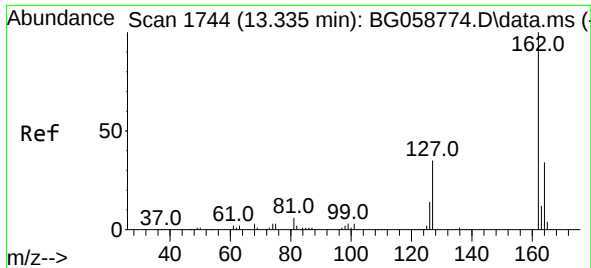


#46
1,1'-Biphenyl
Concen: 43.944 ng
RT: 13.289 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



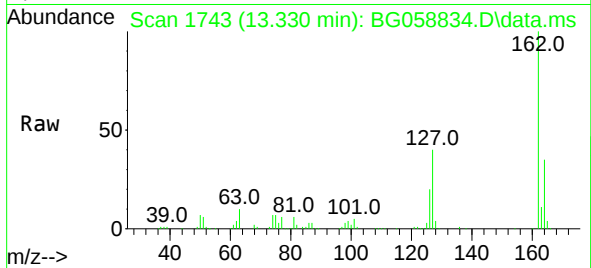
Tgt Ion:154 Resp: 162178
Ion Ratio Lower Upper
154 100
153 42.1 21.7 61.7
76 11.7 0.0 33.2





#47
2-Chloronaphthalene
Concen: 45.423 ng
RT: 13.330 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

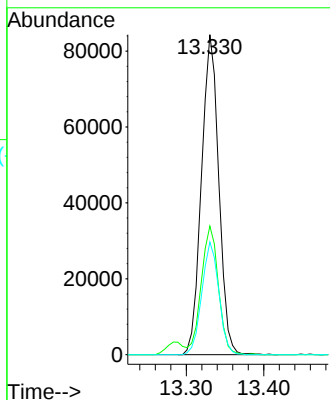
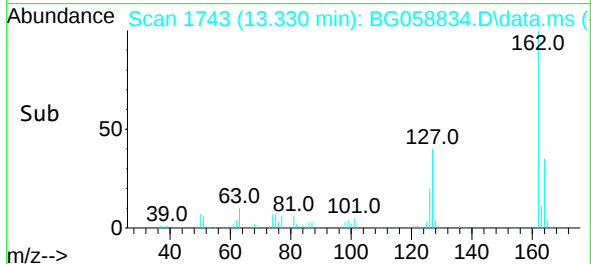
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:162 Resp: 130639
Ion Ratio Lower Upper
162 100
127 40.2 31.5 47.3
164 35.2 27.3 40.9

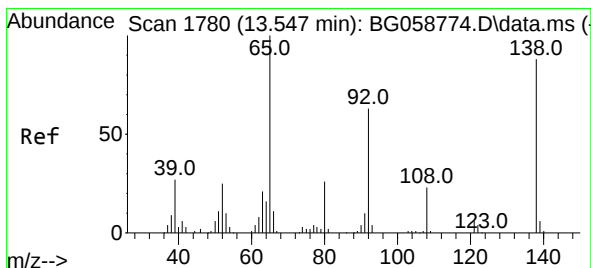
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



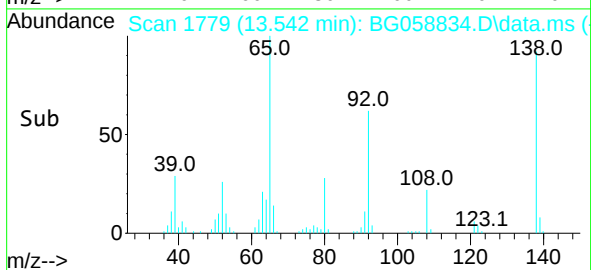
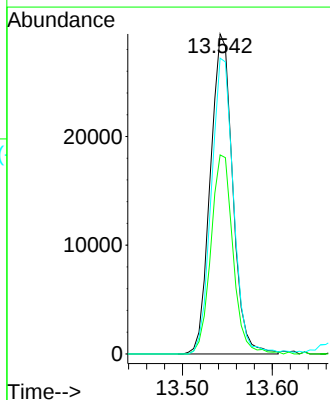
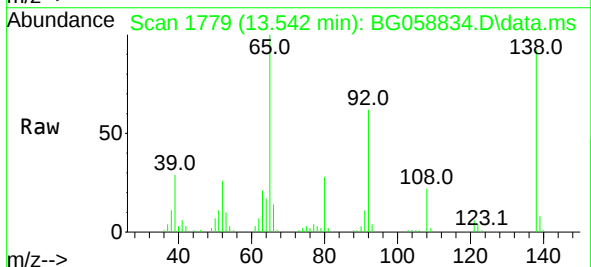
09/12/2023
Supervised By :mohammad
ahmed

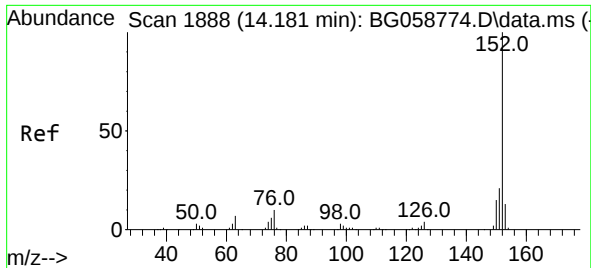
09/12/2023



#48
2-Nitroaniline
Concen: 46.527 ng
RT: 13.542 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 65 Resp: 50821
Ion Ratio Lower Upper
65 100
92 62.2 50.7 76.1
138 92.5 70.7 106.1





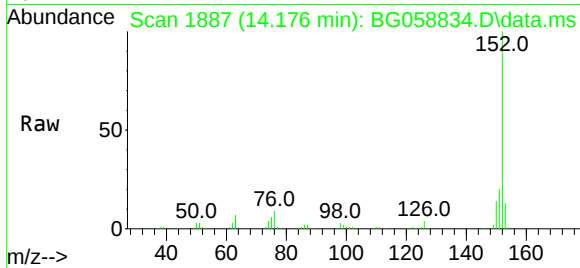
#49
Acenaphthylene
Concen: 46.502 ng
RT: 14.176 min Scan# 1887
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

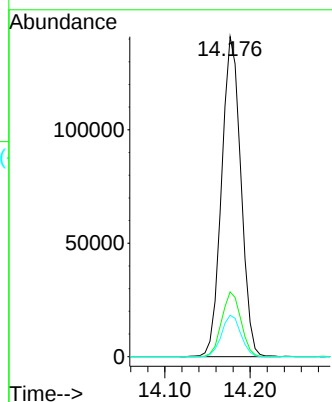
PB154945BS



Tgt Ion:152 Resp: 221790
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.0 10.7 16.1

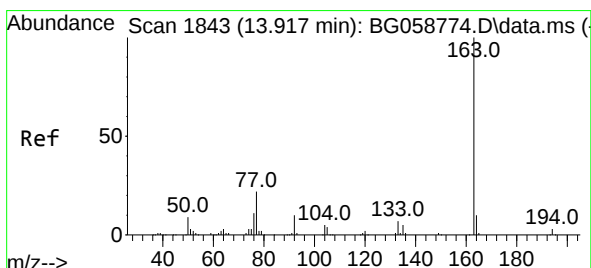
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

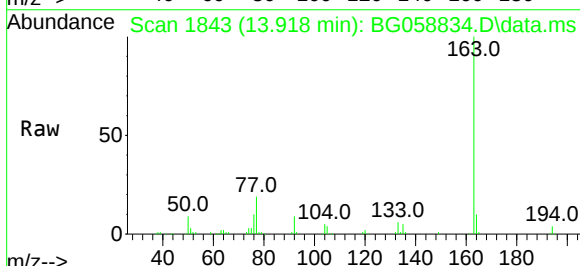


09/12/2023
Supervised By :mohammad
ahmed

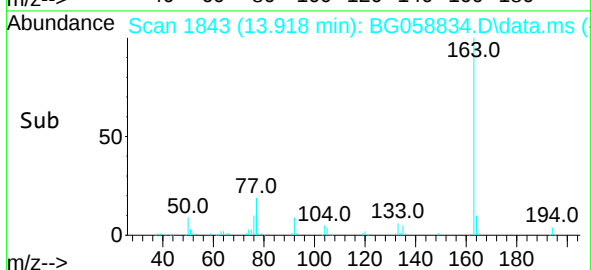
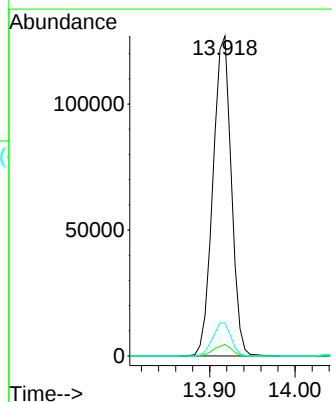
09/12/2023

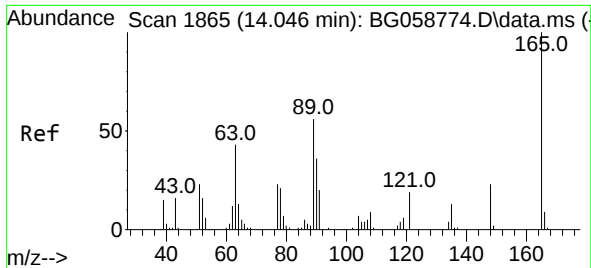


#50
Dimethylphthalate
Concen: 45.665 ng
RT: 13.918 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:163 Resp: 189421
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.193 ng
RT: 14.041 min Scan# 1865
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

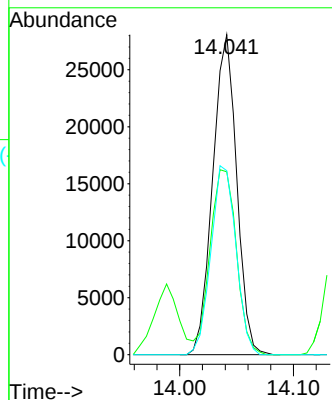
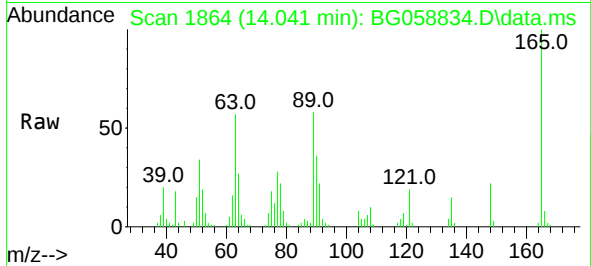
ClientSampleId :

PB154945BS

Tgt Ion:165 Resp: 41120
Ion Ratio Lower Upper
165 100
63 57.1 47.2 70.8
89 57.5 45.0 67.4

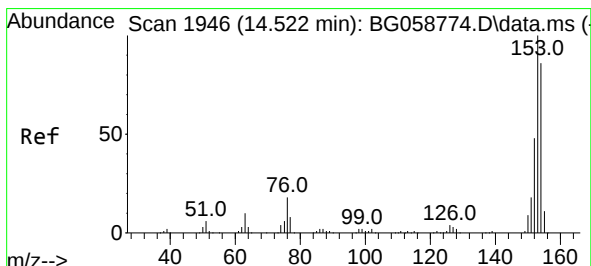
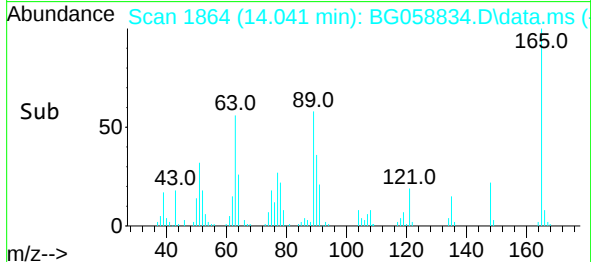
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



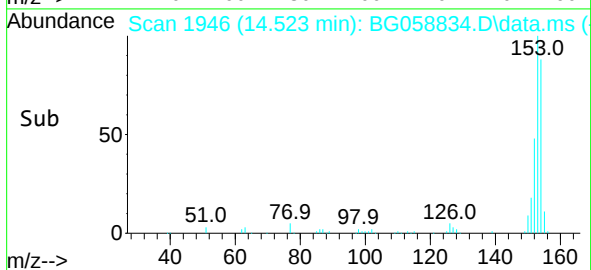
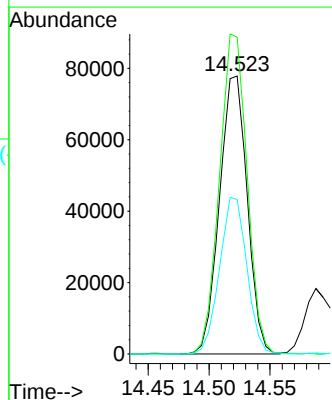
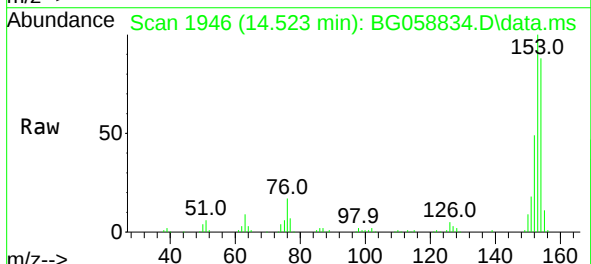
09/12/2023
Supervised By :mohammad
ahmed

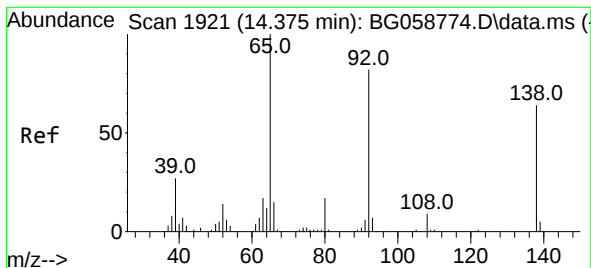
09/12/2023



#52
Acenaphthene
Concen: 44.234 ng
RT: 14.523 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:154 Resp: 123286
Ion Ratio Lower Upper
154 100
153 114.0 92.7 139.1
152 55.6 44.2 66.2





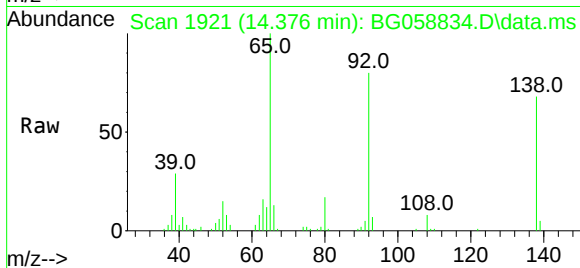
#53
3-Nitroaniline
Concen: 33.242 ng
RT: 14.376 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

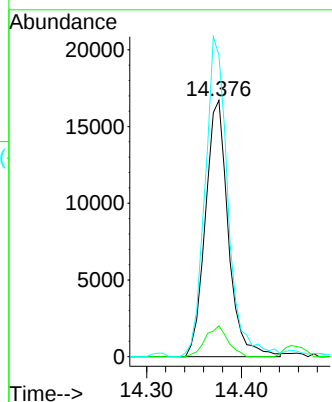
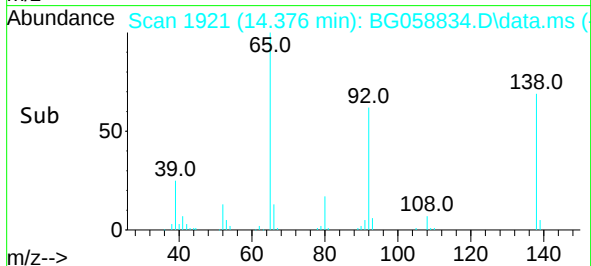
PB154945BS



Tgt Ion:138 Resp: 27940
Ion Ratio Lower Upper
138 100
108 12.0 11.8 17.8
92 117.6 102.5 153.7

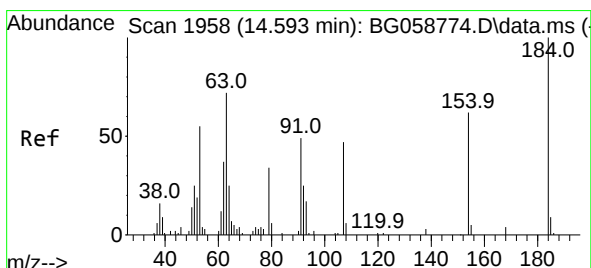
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

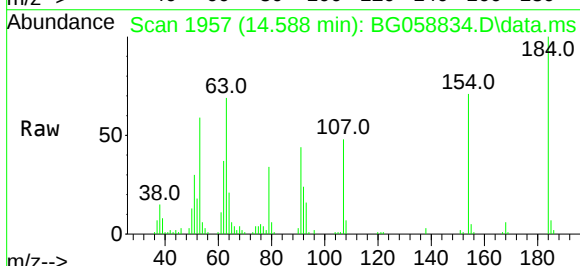


09/12/2023
Supervised By :mohammad
ahmed

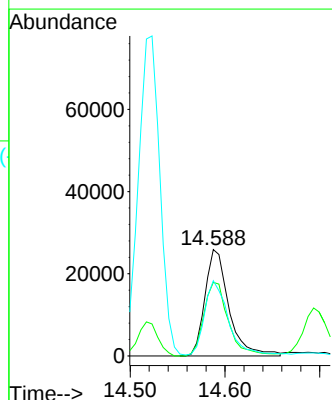
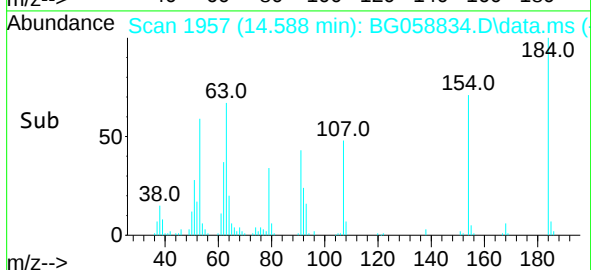
09/12/2023

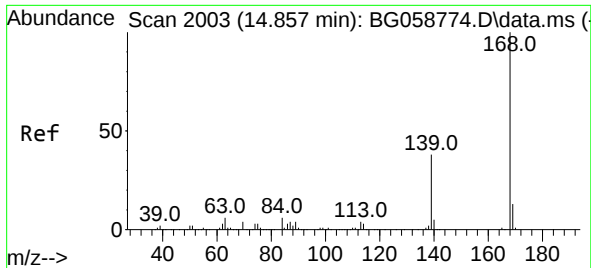


#54
2,4-Dinitrophenol
Concen: 92.241 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:184 Resp: 45488
Ion Ratio Lower Upper
184 100
63 69.2 57.7 86.5
154 70.7 51.8 77.6





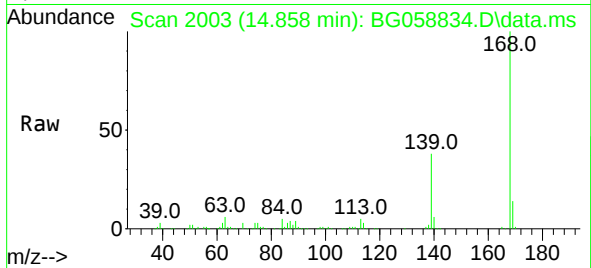
#55
Dibenzofuran
Concen: 44.713 ng
RT: 14.858 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

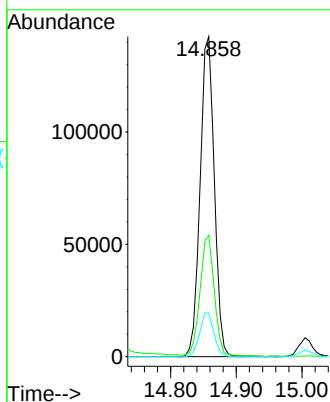
PB154945BS



Tgt Ion:168 Resp: 214968
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.6 10.7 16.1

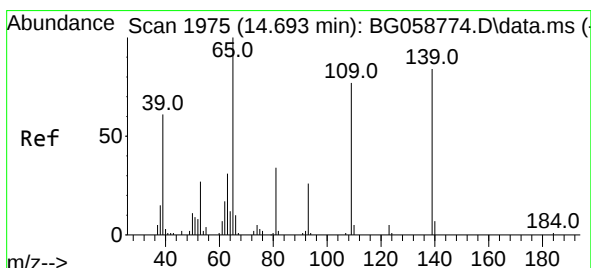
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



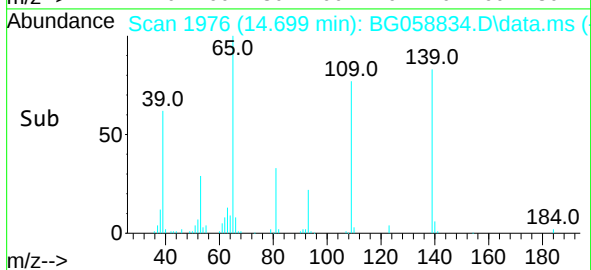
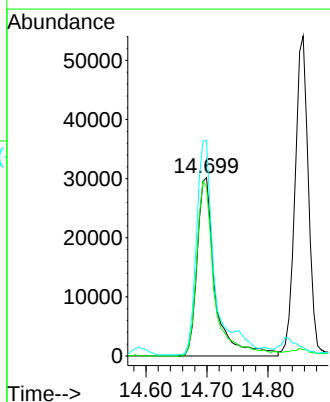
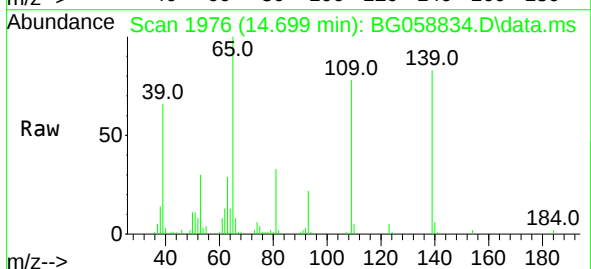
09/12/2023
Supervised By :mohammad
ahmed

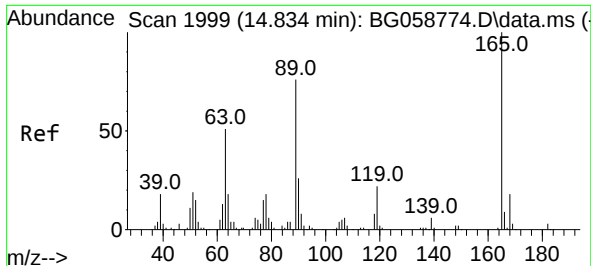
09/12/2023



#56
4-Nitrophenol
Concen: 101.140 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:139 Resp: 62256
Ion Ratio Lower Upper
139 100
109 94.6 71.9 111.9
65 120.8 100.7 140.7





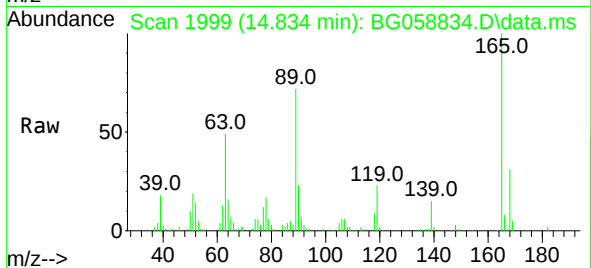
#57
2,4-Dinitrotoluene
Concen: 51.850 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

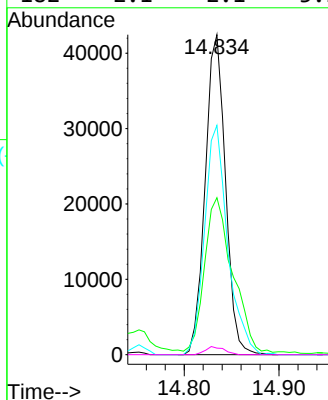
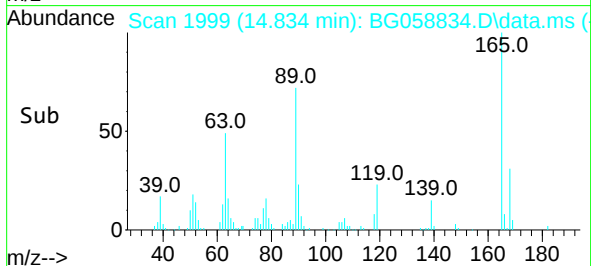
PB154945BS



Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.0	41.8	62.6
89	71.7	60.7	91.1
182	2.1	2.1	3.1

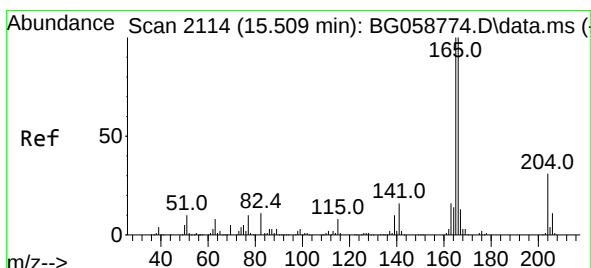
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

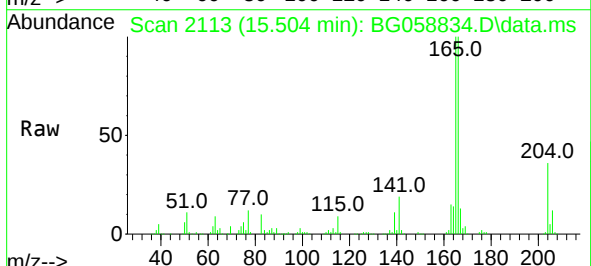


09/12/2023
Supervised By :mohammad
ahmed

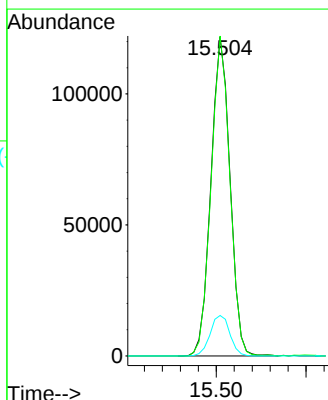
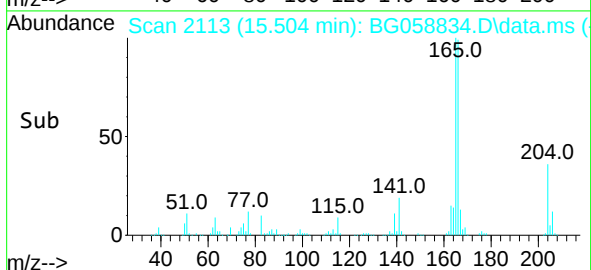
09/12/2023

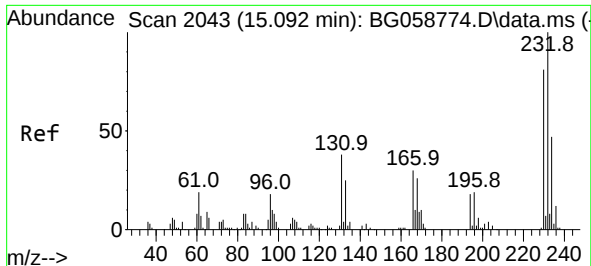


#58
Fluorene
Concen: 46.884 ng
RT: 15.504 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.9	119.9
167	12.7	10.7	16.1





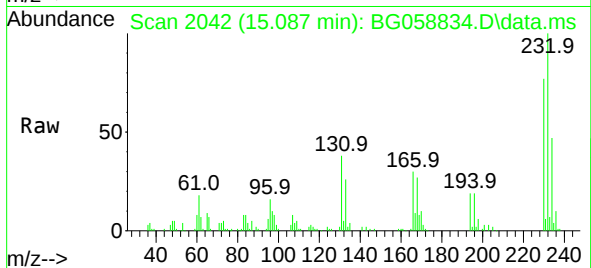
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.255 ng
RT: 15.087 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

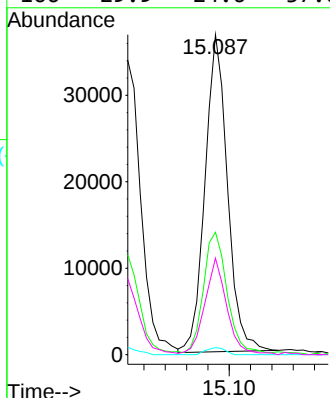
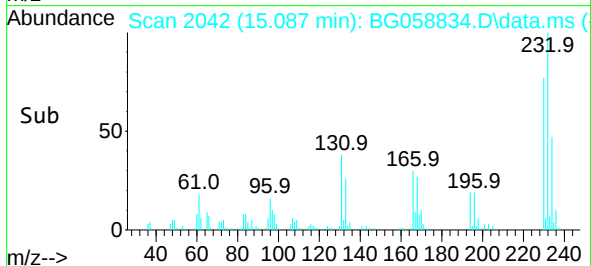
PB154945BS



Tgt Ion:232 Resp: 53662
Ion Ratio Lower Upper
232 100
131 39.9 33.9 50.9
130 1.9 1.8 2.6
166 29.9 24.6 37.0

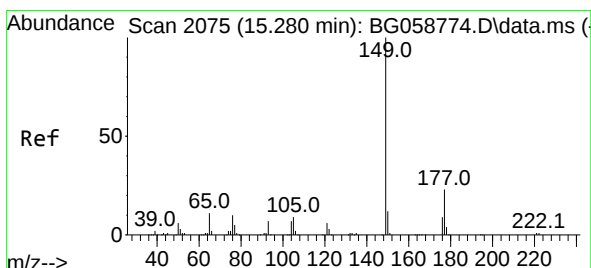
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

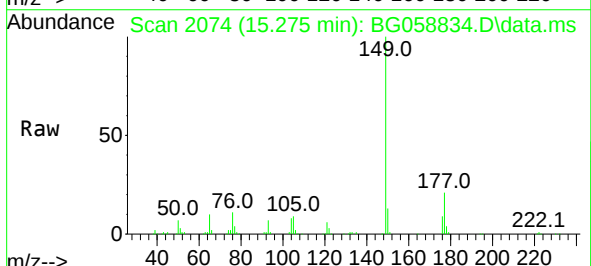


09/12/2023
Supervised By :mohammad
ahmed

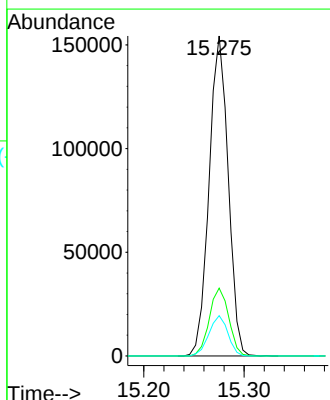
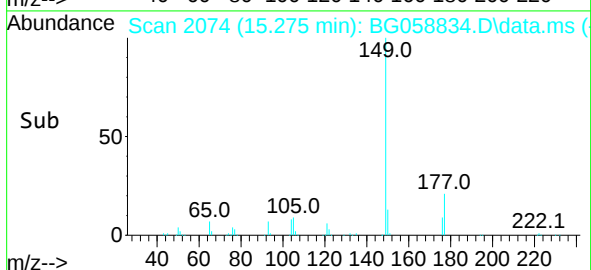
09/12/2023

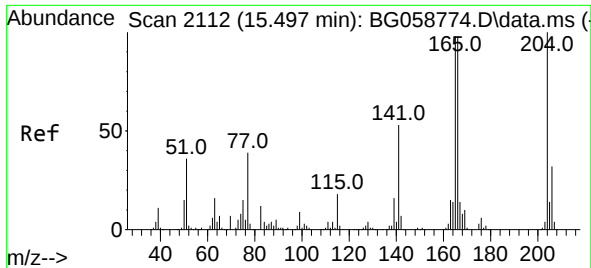


#60
Diethylphthalate
Concen: 47.729 ng
RT: 15.275 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:149 Resp: 204127
Ion Ratio Lower Upper
149 100
177 21.2 18.2 27.2
150 12.6 10.0 15.0





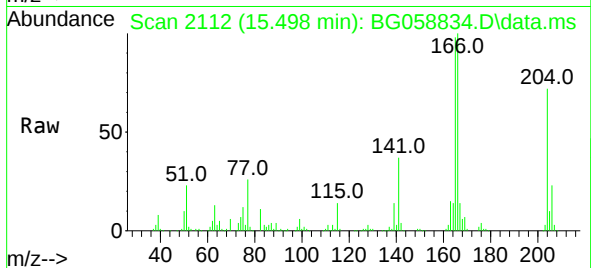
#61
4-Chlorophenyl-phenylether
Concen: 45.791 ng
RT: 15.498 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

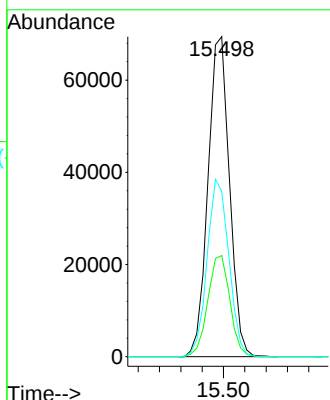
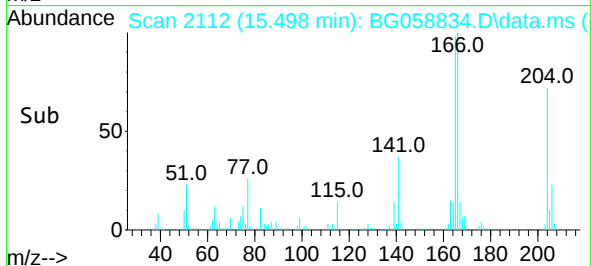
PB154945BS



Tgt Ion:204 Resp: 9711
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 51.6 42.3 63.5

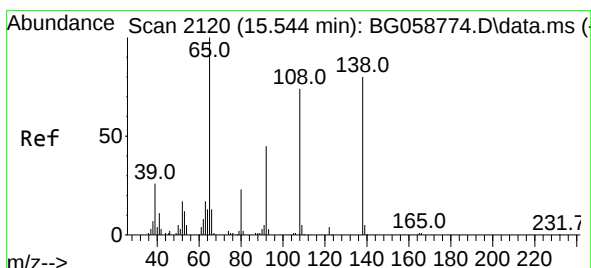
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



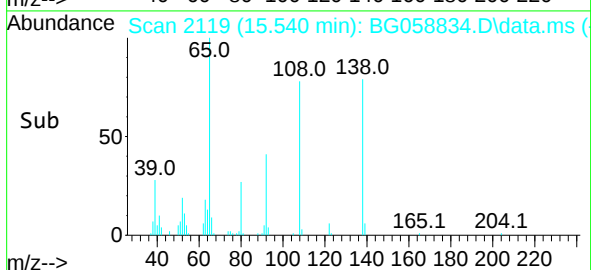
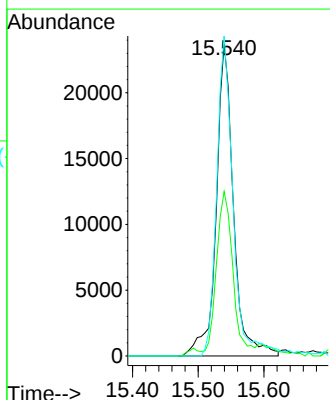
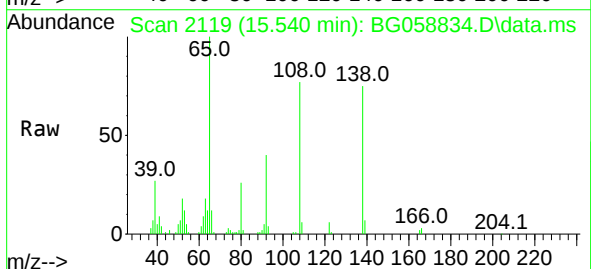
09/12/2023
Supervised By :mohammad
ahmed

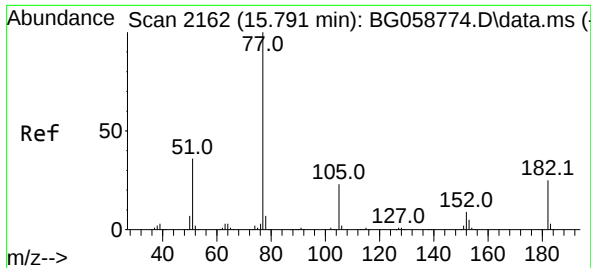
09/12/2023



#62
4-Nitroaniline
Concen: 50.707 ng
RT: 15.540 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:138 Resp: 43251
Ion Ratio Lower Upper
138 100
92 52.7 36.4 76.4
108 102.5 72.2 112.2





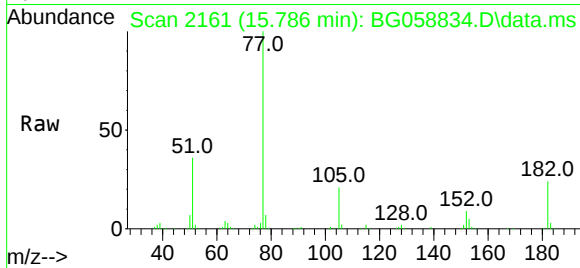
#63
Azobenzene
Concen: 45.669 ng
RT: 15.786 min Scan# 2161
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

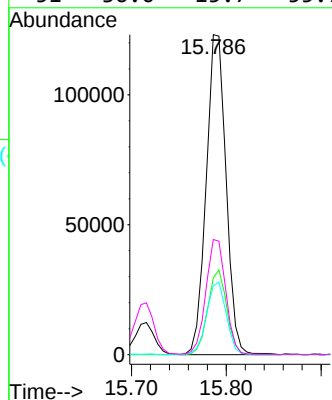
PB154945BS



Tgt Ion: 77 Resp: 17934
Ion Ratio Lower Upper
77 100
182 24.0 4.9 44.9
105 21.4 2.8 42.8
51 36.0 15.7 55.7

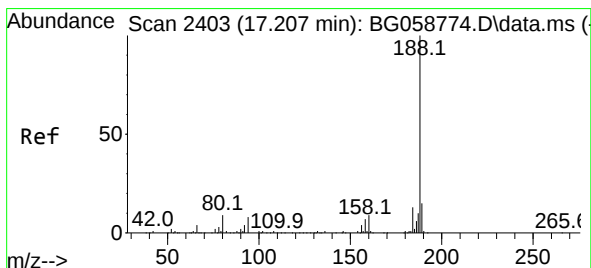
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

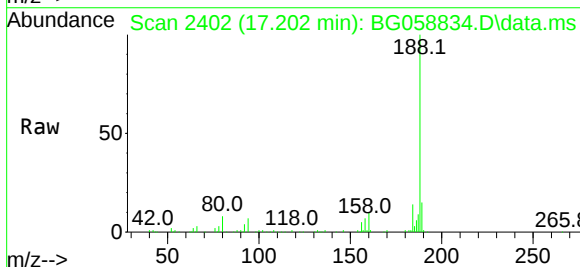


09/12/2023
Supervised By :mohammad
ahmed

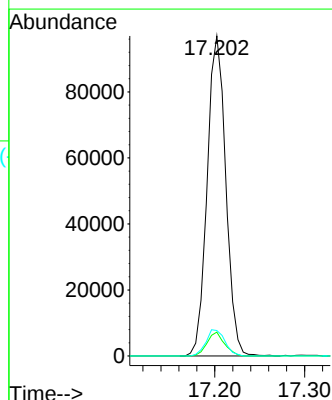
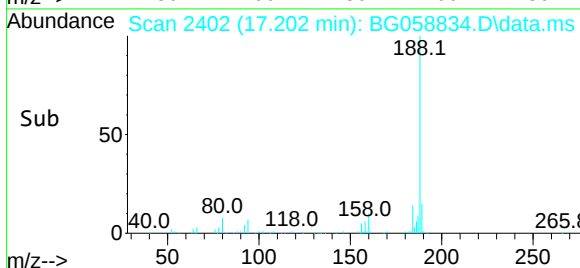
09/12/2023

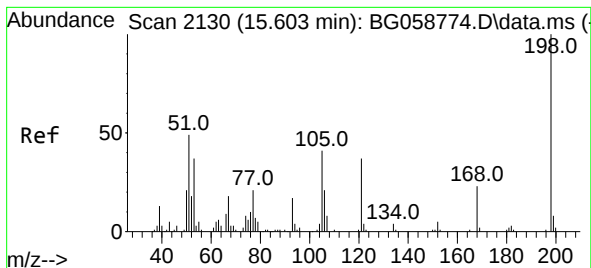


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:188 Resp: 139762
Ion Ratio Lower Upper
188 100
94 7.5 6.1 9.1
80 7.9 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.399 ng
RT: 15.598 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

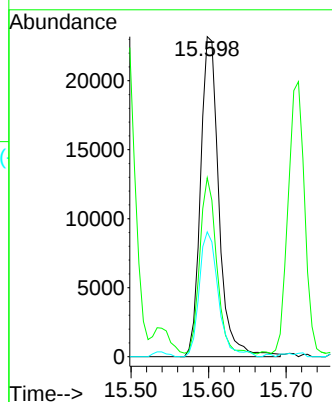
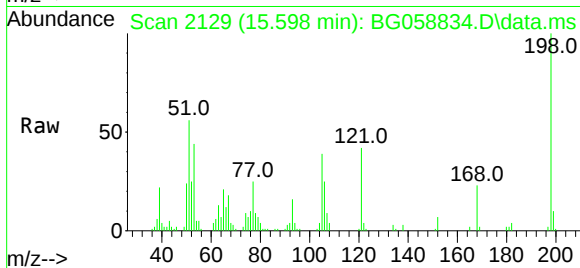
ClientSampleId :

PB154945BS

Tgt Ion:198 Resp: 38235
Ion Ratio Lower Upper
198 100
51 55.9 31.3 71.3
105 39.0 20.7 60.7

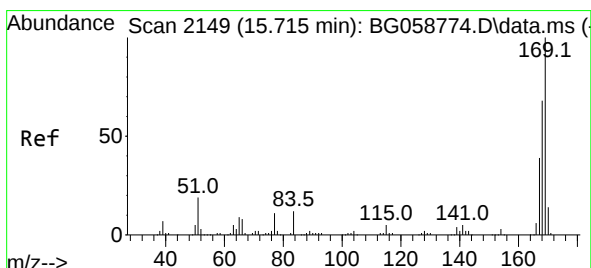
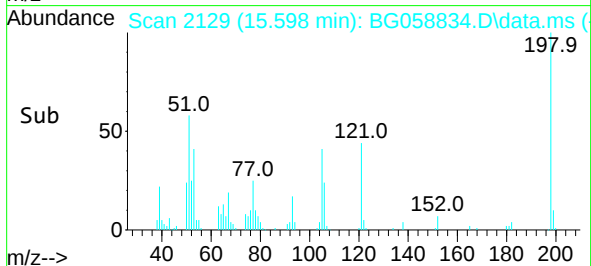
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



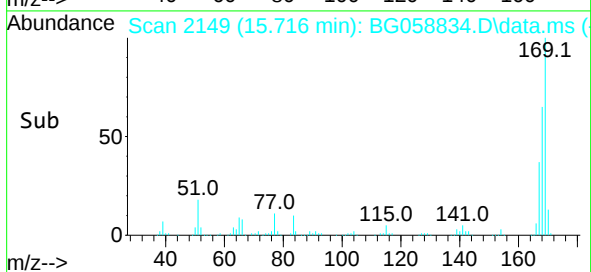
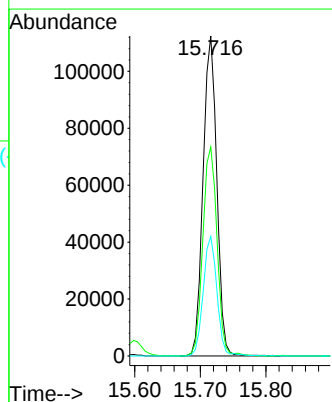
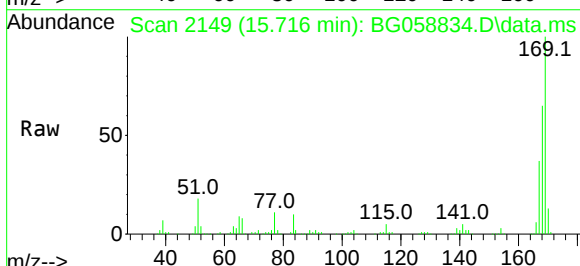
09/12/2023
Supervised By :mohammad
ahmed

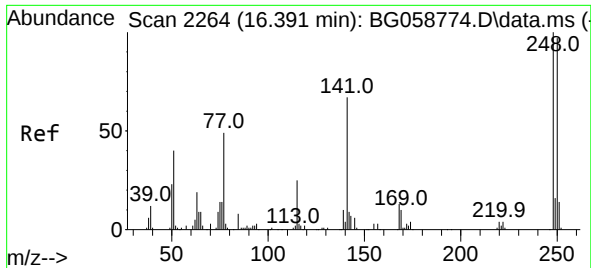
09/12/2023



#66
n-Nitrosodiphenylamine
Concen: 45.561 ng
RT: 15.716 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:169 Resp: 164118
Ion Ratio Lower Upper
169 100
168 65.3 54.4 81.6
167 37.4 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 43.741 ng
RT: 16.391 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

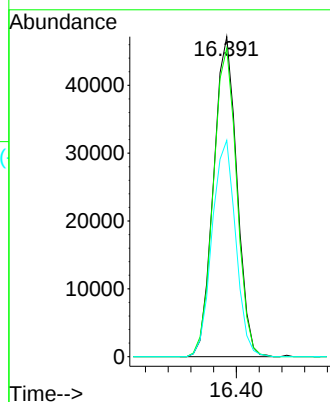
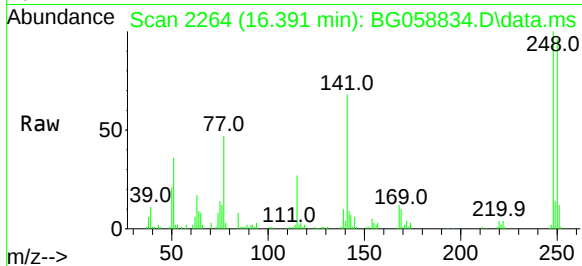
ClientSampleId :

PB154945BS

Tgt Ion:248 Resp: 67085
Ion Ratio Lower Upper
248 100
250 96.4 77.7 116.5
141 67.6 53.6 80.4

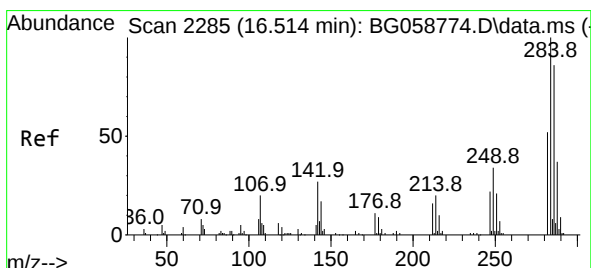
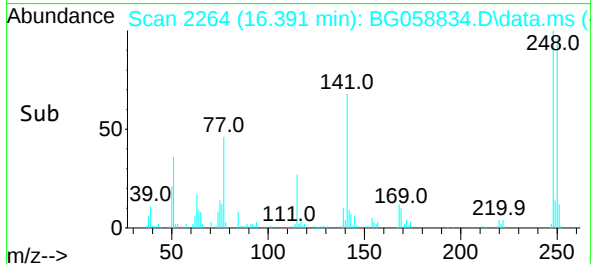
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



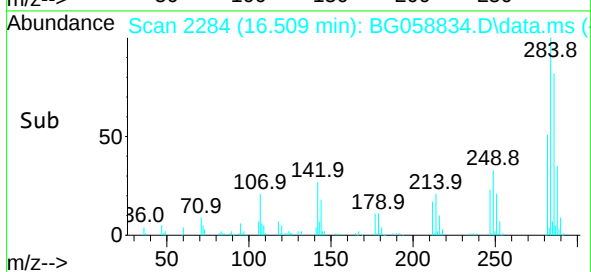
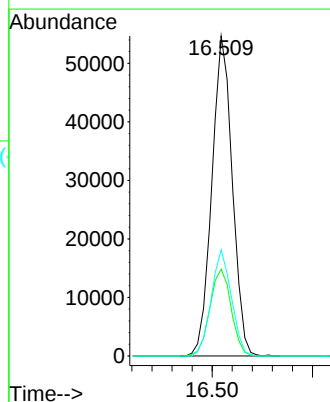
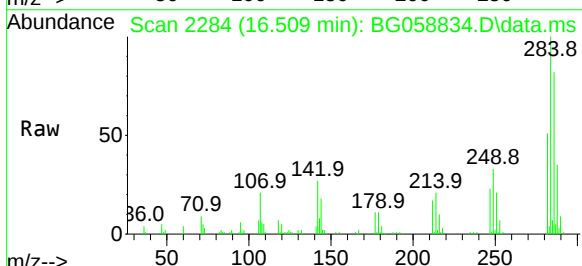
09/12/2023
Supervised By :mohammad
ahmed

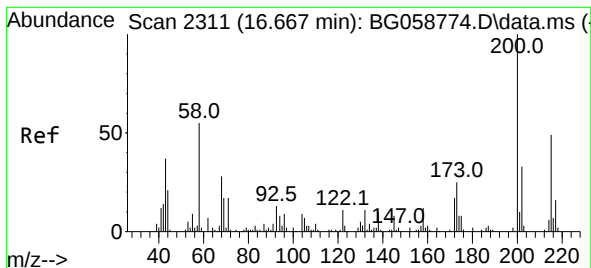
09/12/2023



#68
Hexachlorobenzene
Concen: 46.849 ng
RT: 16.509 min Scan# 2284
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:284 Resp: 77330
Ion Ratio Lower Upper
284 100
142 27.1 22.0 33.0
249 33.2 27.2 40.8





#69

Atrazine

Concen: 55.822 ng

RT: 16.668 min Scan# 211

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

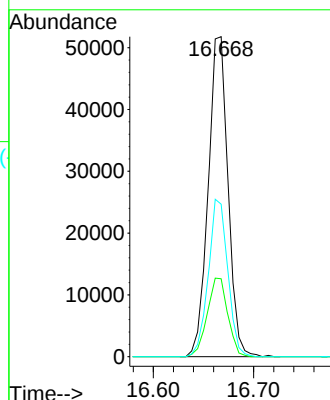
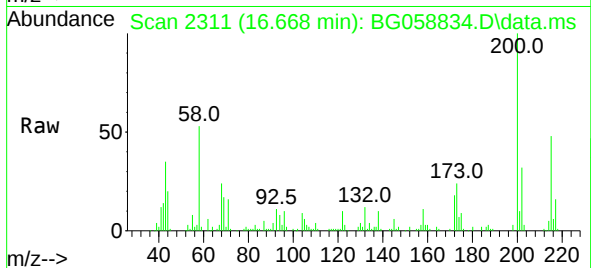
ClientSampleId :

PB154945BS

Tgt Ion:200 Resp: 7116
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.3 45.3
 215 47.6 29.4 69.4

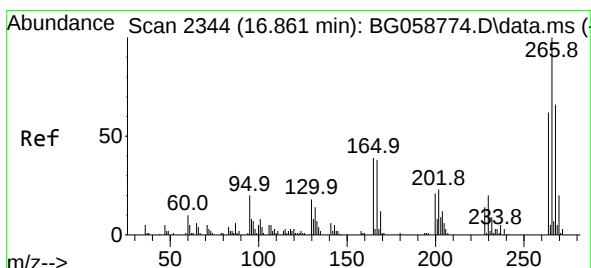
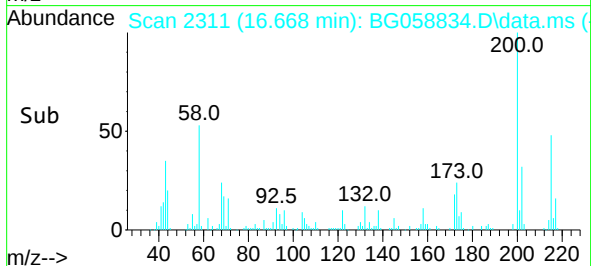
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/12/2023
 Supervised By :mohammad
 ahmed

09/12/2023



#70

Pentachlorophenol

Concen: 81.083 ng

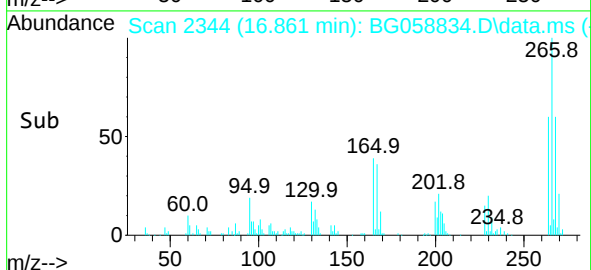
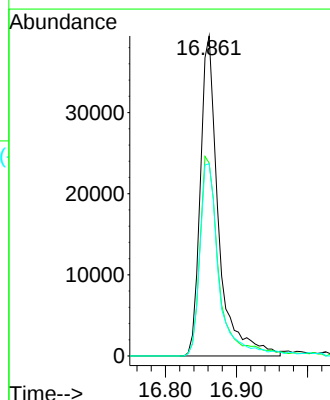
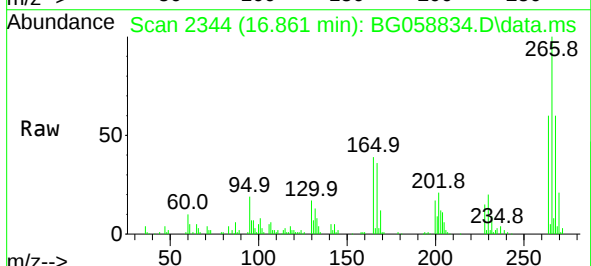
RT: 16.861 min Scan# 2344

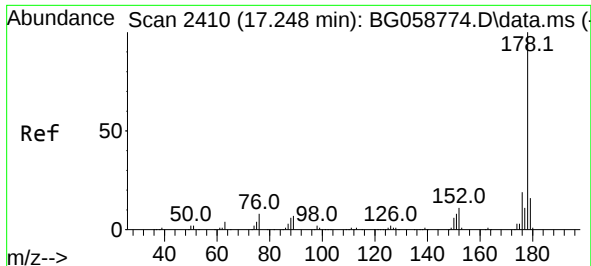
Delta R.T. 0.000 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

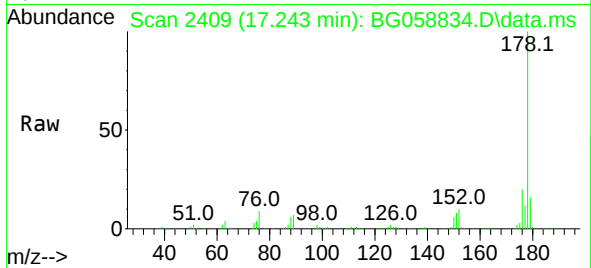
Tgt Ion:266 Resp: 70181
 Ion Ratio Lower Upper
 266 100
 268 60.3 52.7 79.1
 264 60.1 49.5 74.3





#71
Phenanthrene
Concen: 46.079 ng
RT: 17.243 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

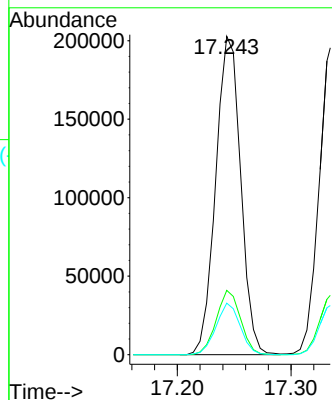
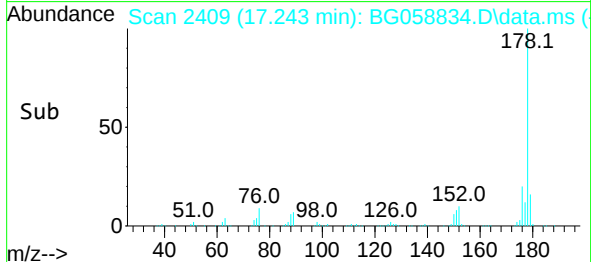
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:178 Resp: 30917
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.2 13.0 19.4

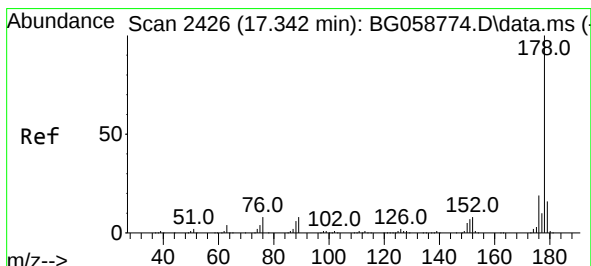
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

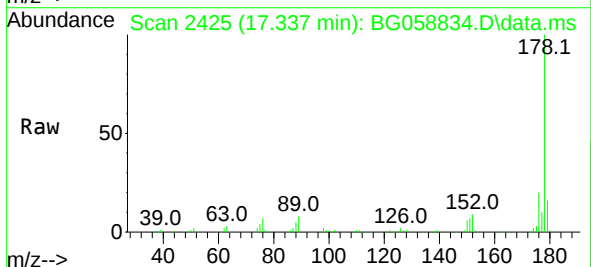


09/12/2023
Supervised By :mohammad
ahmed

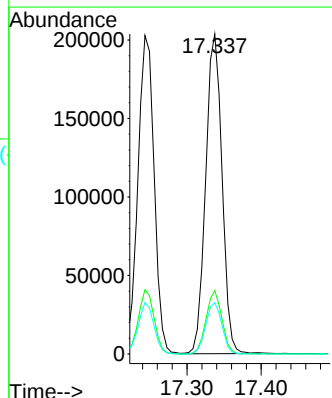
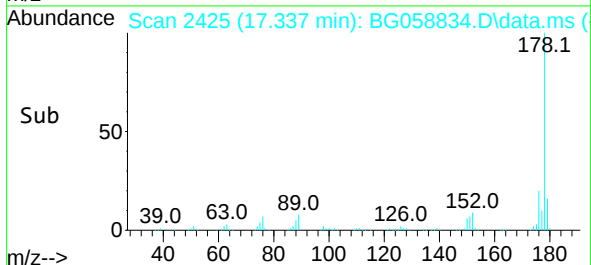
09/12/2023

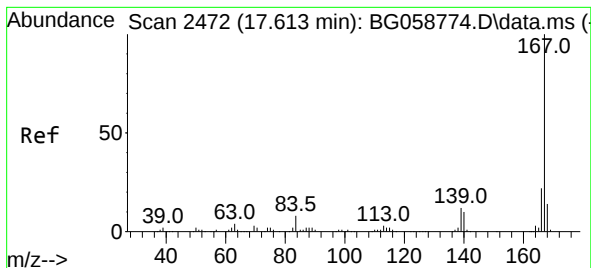


#72
Anthracene
Concen: 46.389 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



Tgt Ion:178 Resp: 312166
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.0 12.9 19.3





#73

Carbazole

Concen: 49.231 ng

RT: 17.614 min Scan# 2472

Delta R.T. 0.001 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

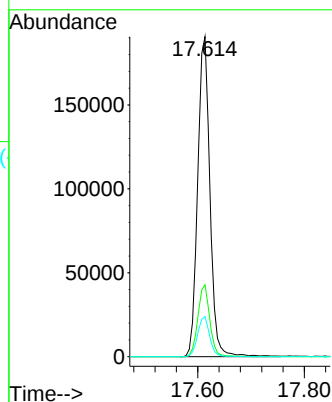
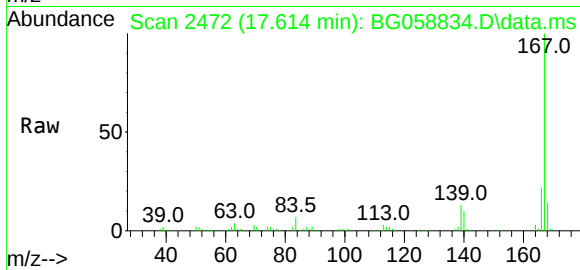
ClientSampleId :

PB154945BS

Tgt Ion:167 Resp: 303379
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.2
 139 12.6 9.7 14.5

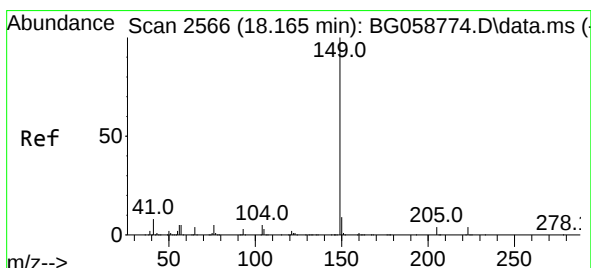
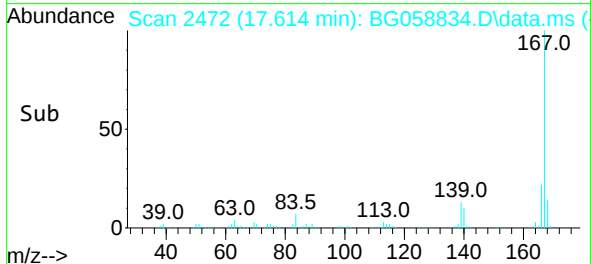
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/12/2023
 Supervised By :mohammad
 ahmed

09/12/2023



#74

Di-n-butylphthalate

Concen: 47.996 ng

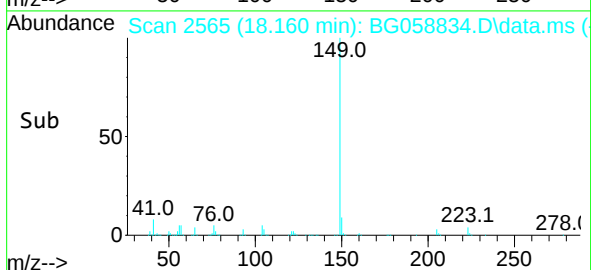
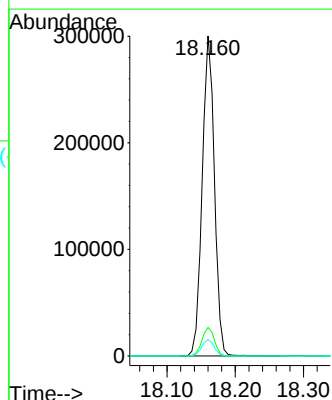
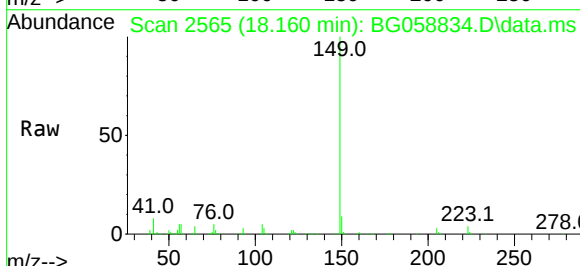
RT: 18.160 min Scan# 2565

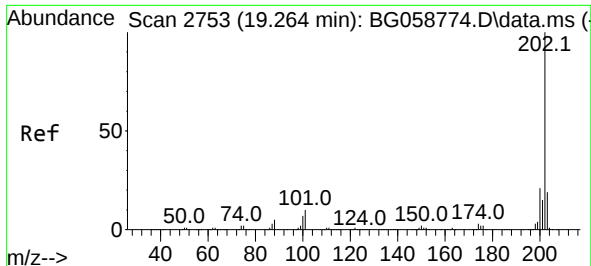
Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Tgt Ion:149 Resp: 373106
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.1 4.3 6.5





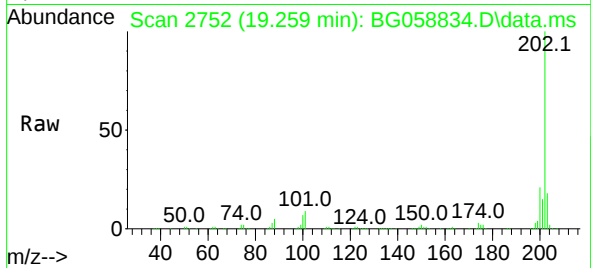
#75
Fluoranthene
Concen: 46.987 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

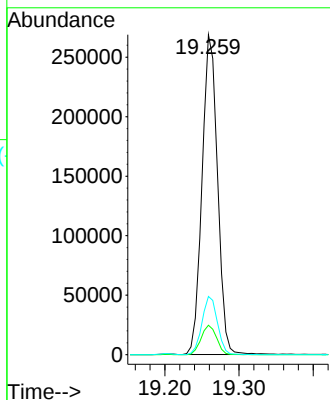
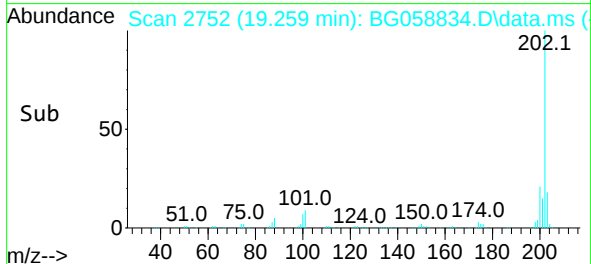
PB154945BS



Tgt Ion:202 Resp: 390960
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 18.2 0.0 38.7

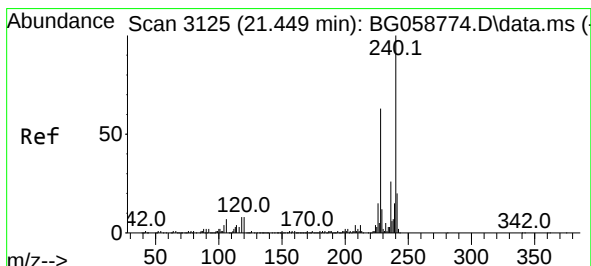
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

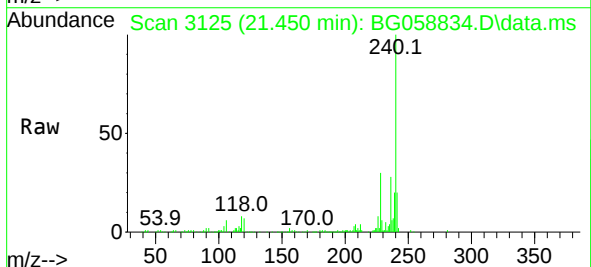


09/12/2023
Supervised By :mohammad
ahmed

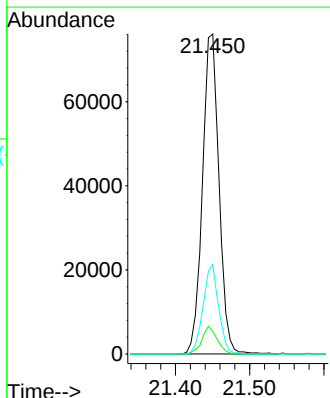
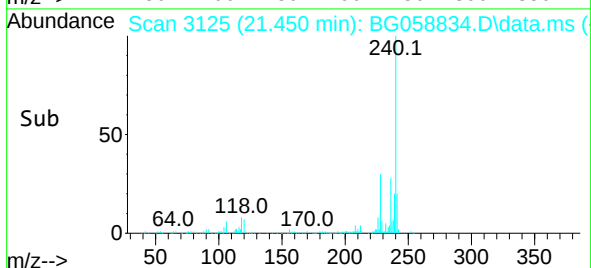
09/12/2023

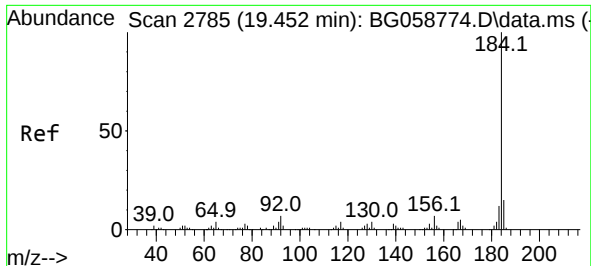


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47



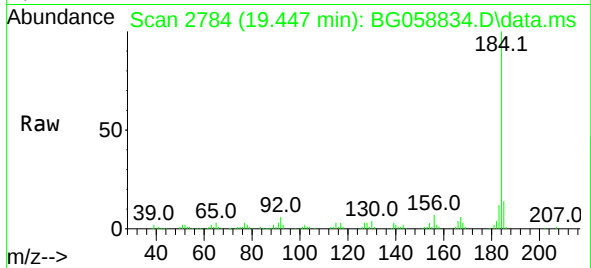
Tgt Ion:240 Resp: 118076
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.2
236 28.0 20.5 30.7





#77
Benzidine
Concen: 58.352 ng
RT: 19.447 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

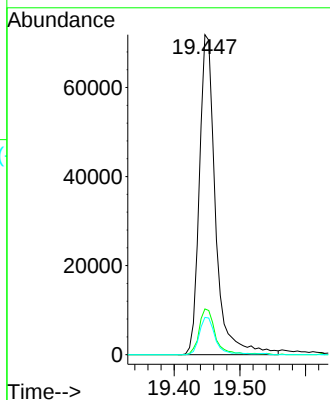
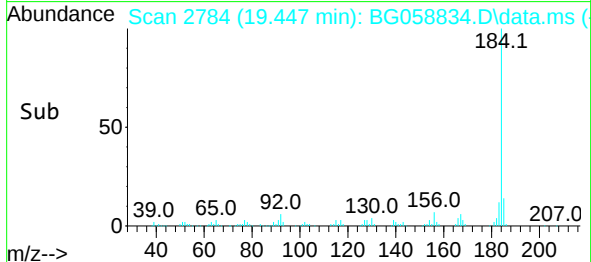
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:184 Resp: 12348
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.7 10.0 15.0

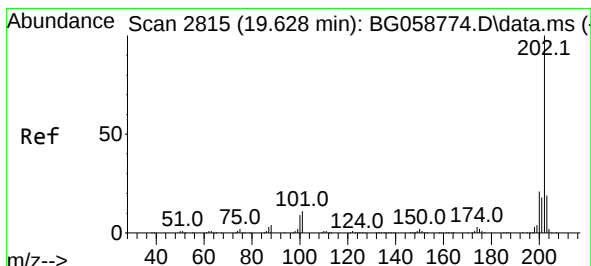
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



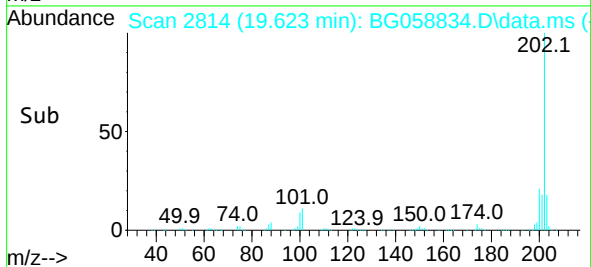
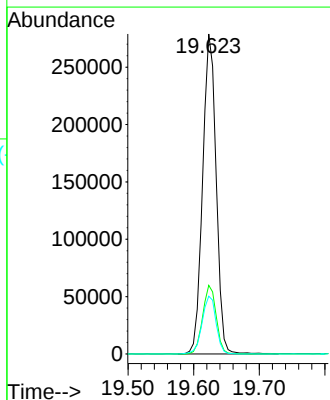
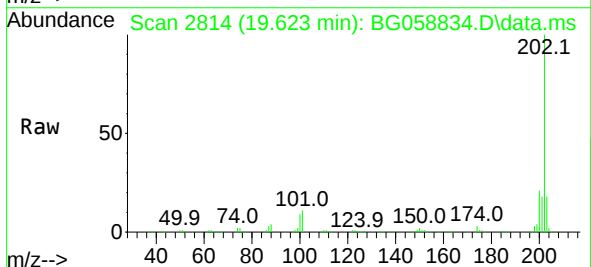
09/12/2023
Supervised By :mohammad
ahmed

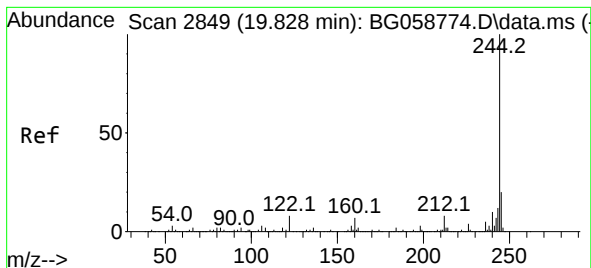
09/12/2023



#78
Pyrene
Concen: 48.727 ng
RT: 19.623 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:202 Resp: 400887
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.1 15.3 22.9





#79

Terphenyl-d14

Concen: 98.255 ng

RT: 19.823 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058834.D

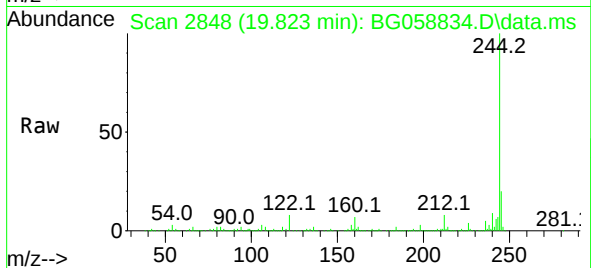
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS



Tgt Ion:244 Resp: 64611

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

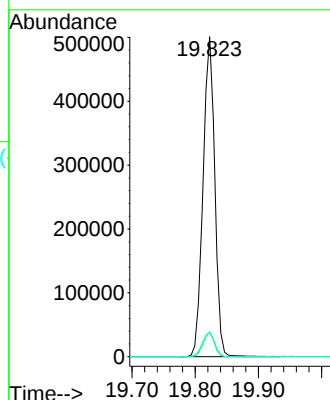
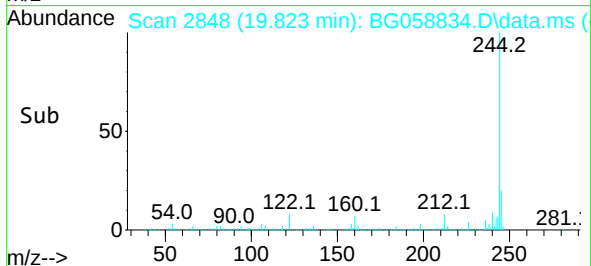
122 7.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

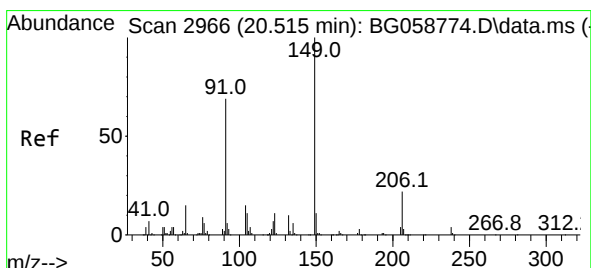
Patel



09/12/2023

Supervised By :mohammad
ahmed

09/12/2023



#80

Butylbenzylphthalate

Concen: 49.069 ng

RT: 20.510 min Scan# 2965

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

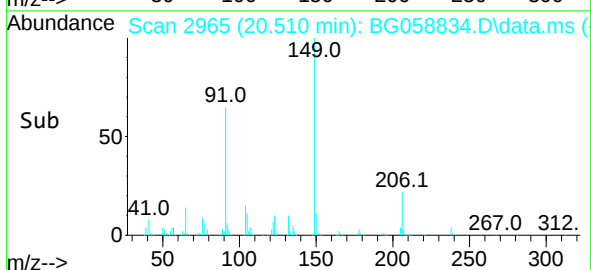
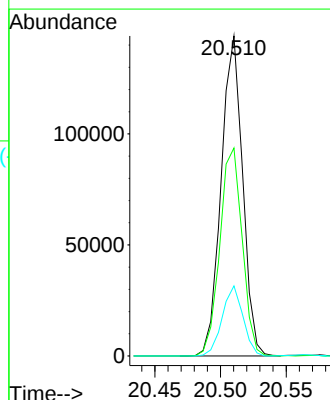
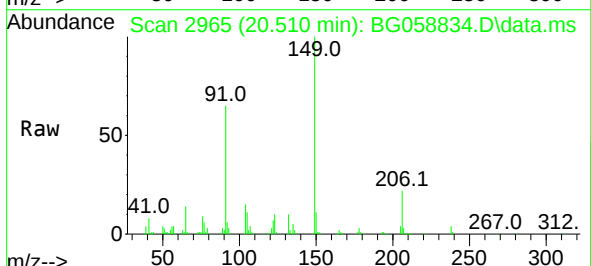
Tgt Ion:149 Resp: 163727

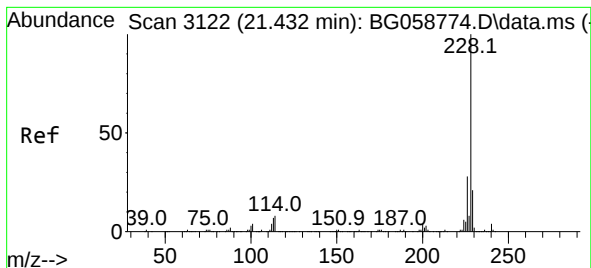
Ion Ratio Lower Upper

149 100

91 65.0 55.0 82.4

206 21.9 17.6 26.4





#81

Benzo(a)anthracene

Concen: 48.042 ng

RT: 21.427 min Scan# 3122

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

Tgt Ion:228 Resp: 394870

Ion Ratio Lower Upper

228 100

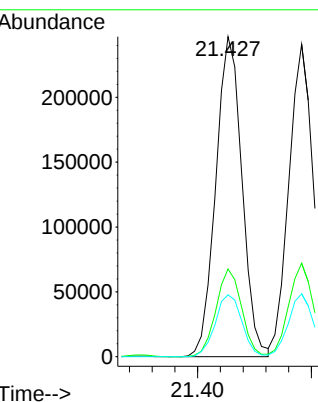
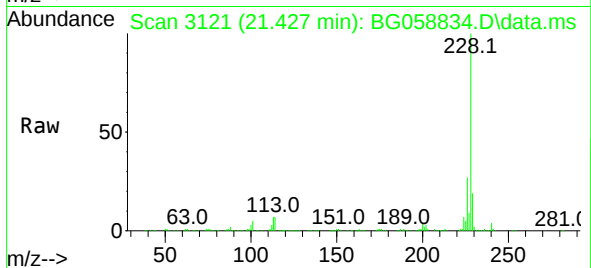
226 27.4 22.6 33.8

229 19.4 16.8 25.2

Manual Integrations

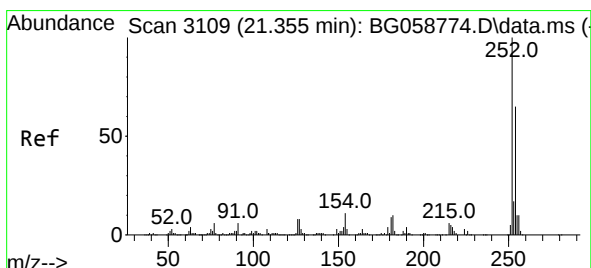
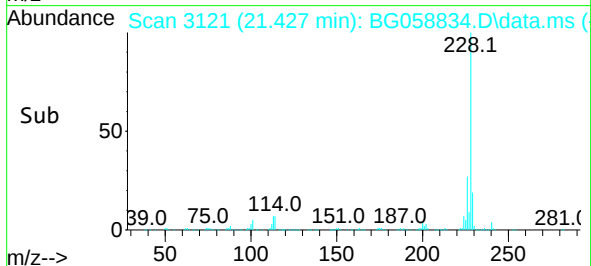
APPROVED

Reviewed By :Yogesh
Patel



09/12/2023
Supervised By :mohammad
ahmed

09/12/2023



#82

3,3'-Dichlorobenzidine

Concen: 37.902 ng

RT: 21.350 min Scan# 3108

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

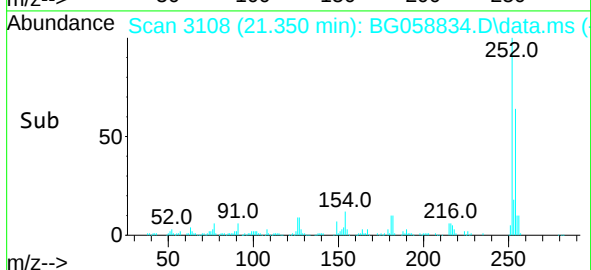
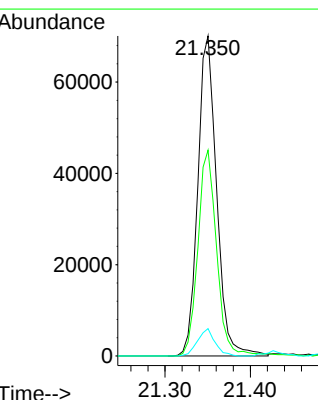
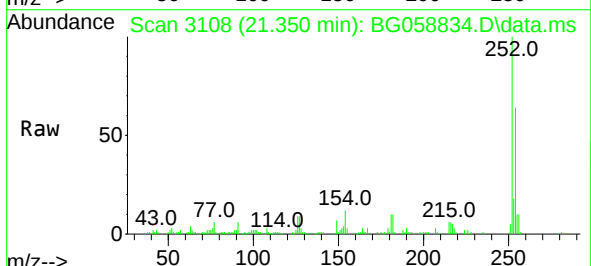
Tgt Ion:252 Resp: 107553

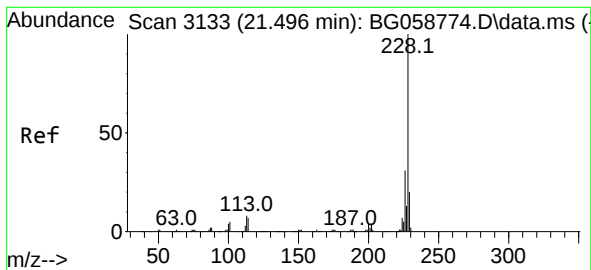
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 8.5 6.6 9.8





#83

Chrysene

Concen: 45.752 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS

Tgt Ion:228 Resp: 362460

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

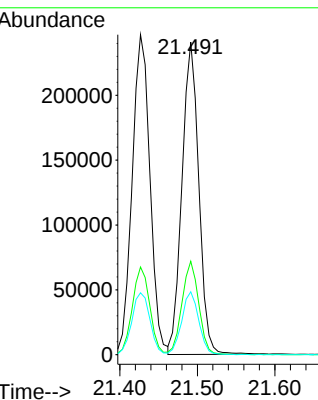
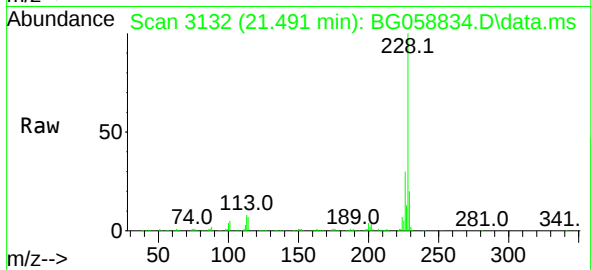
229 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

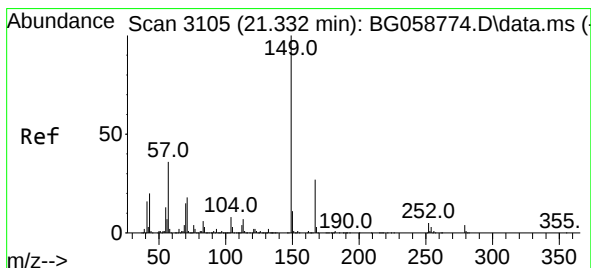
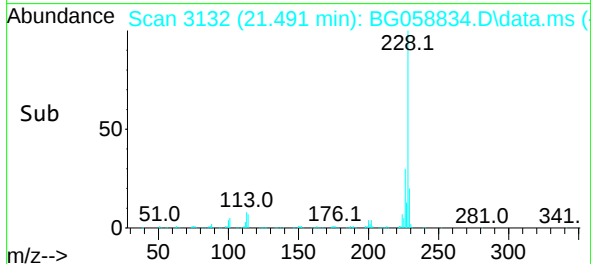
Patel



09/12/2023

Supervised By :mohammad
ahmed

09/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.677 ng

RT: 21.327 min Scan# 3104

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

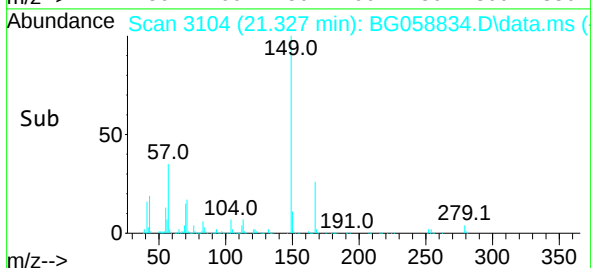
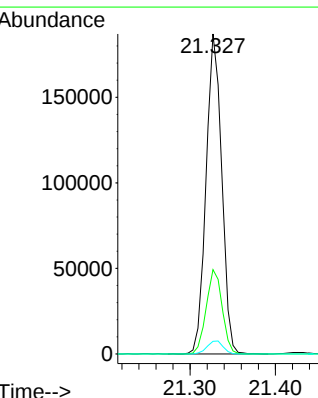
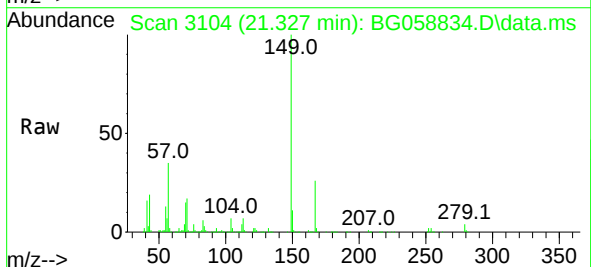
Tgt Ion:149 Resp: 238215

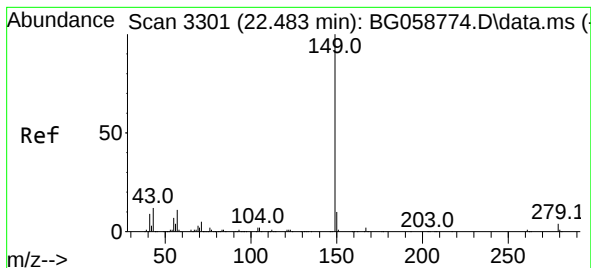
Ion Ratio Lower Upper

149 100

167 26.4 21.7 32.5

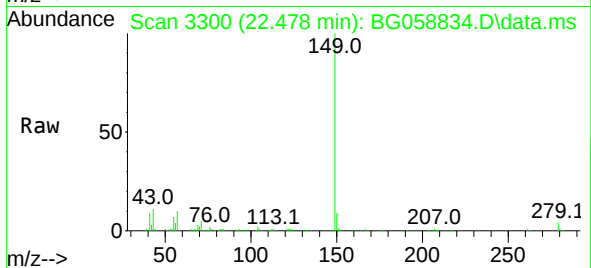
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 49.228 ng
RT: 22.478 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

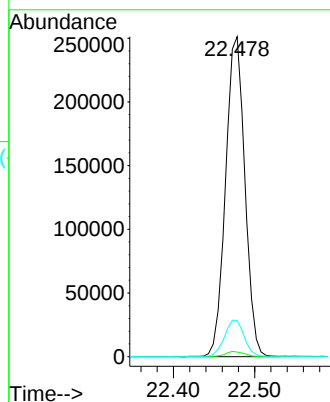
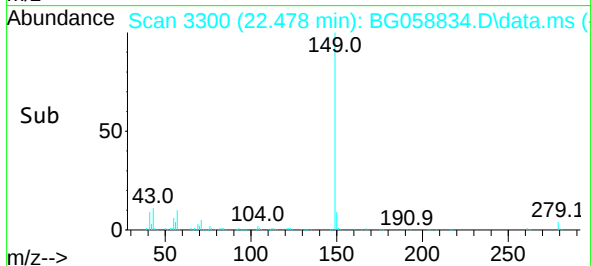
Instrument :
BNA_G
ClientSampleId :
PB154945BS



Tgt Ion:149 Resp: 414364
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.7 14.5

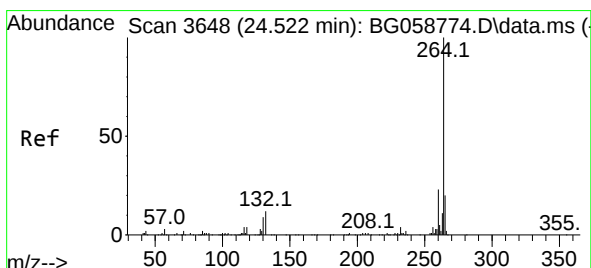
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



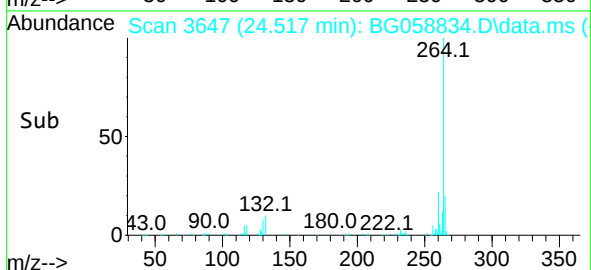
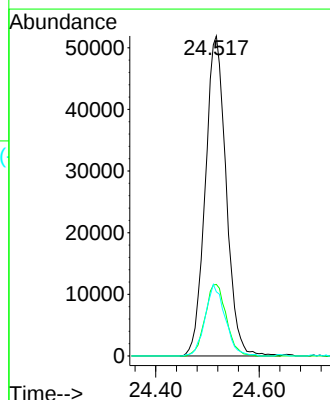
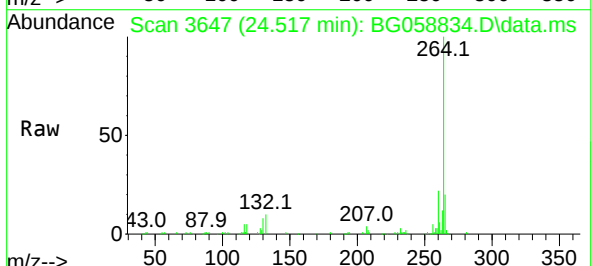
09/12/2023
Supervised By :mohammad
ahmed

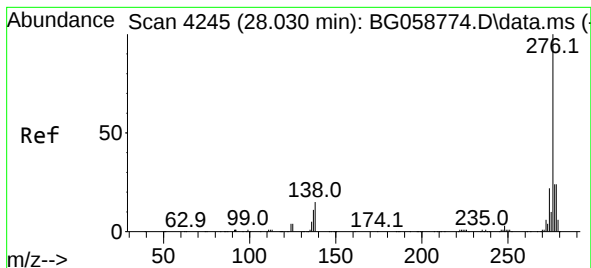
09/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.517 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BG058834.D
Acq: 24 Aug 2023 11:47

Tgt Ion:264 Resp: 145022
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.2
265 20.1 16.4 24.6





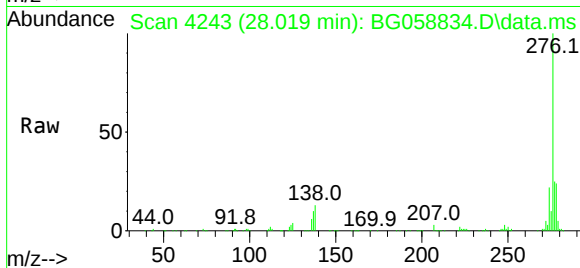
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.760 ng
 RT: 28.019 min Scan# 41
 Delta R.T. -0.011 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

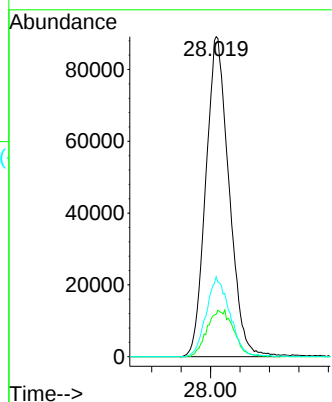
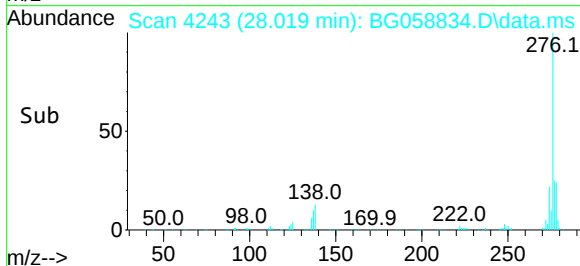
PB154945BS



Tgt Ion:276 Resp: 488227
 Ion Ratio Lower Upper
 276 100
 138 0.0 6.2 9.2
 277 25.0 20.4 30.6

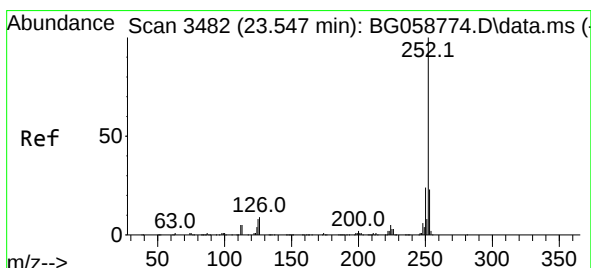
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

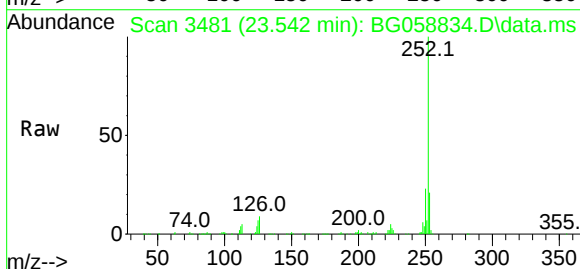


09/12/2023
 Supervised By :mohammad
 ahmed

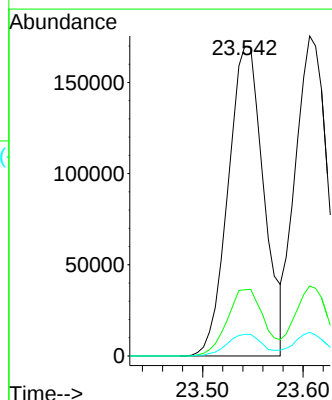
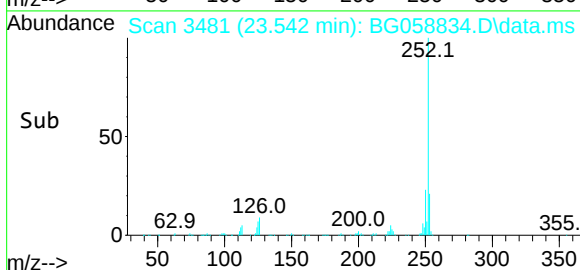
09/12/2023

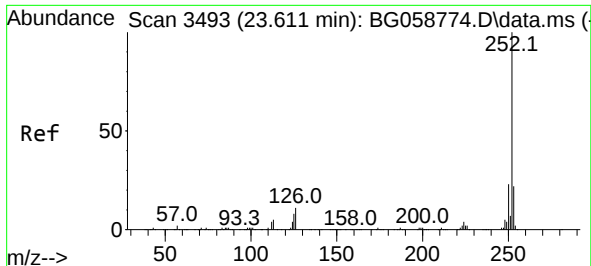


#88
 Benzo(b)fluoranthene
 Concen: 52.200 ng
 RT: 23.542 min Scan# 3481
 Delta R.T. -0.005 min
 Lab File: BG058834.D
 Acq: 24 Aug 2023 11:47



Tgt Ion:252 Resp: 420027
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.4 27.6
 125 7.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 47.487 ng

RT: 23.607 min Scan# 34

Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

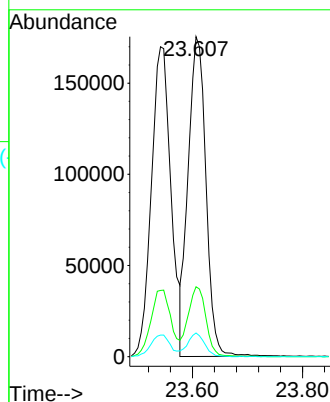
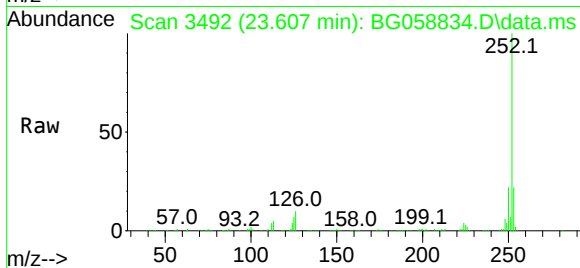
ClientSampleId :

PB154945BS

Tgt Ion:252 Resp: 394060
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 7.4 6.3 9.5

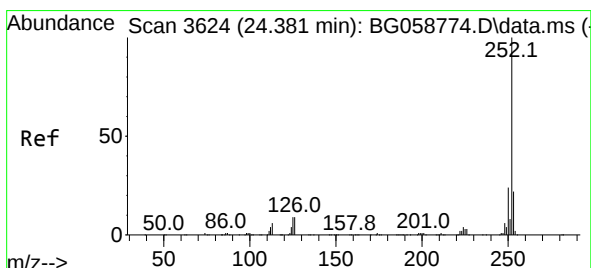
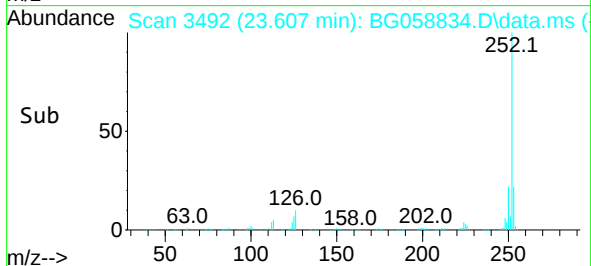
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/12/2023
 Supervised By :mohammad
 ahmed

09/12/2023



#90

Benzo(a)pyrene

Concen: 46.037 ng

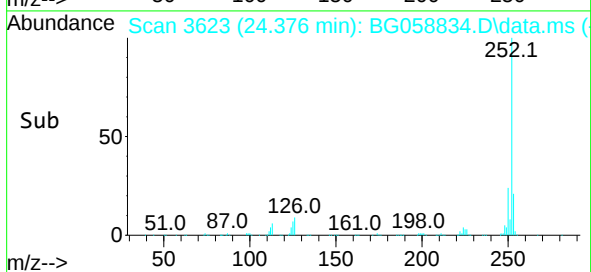
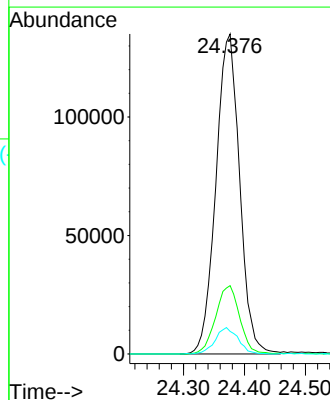
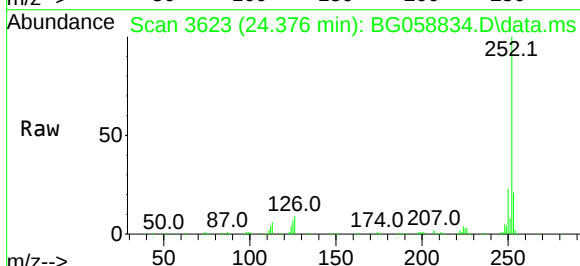
RT: 24.376 min Scan# 3623

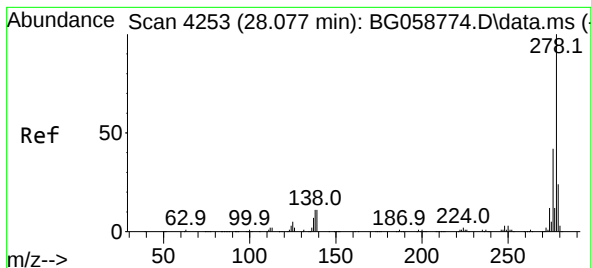
Delta R.T. -0.005 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Tgt Ion:252 Resp: 364750
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.5 26.3
 125 7.0 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 49.952 ng

RT: 28.066 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG058834.D

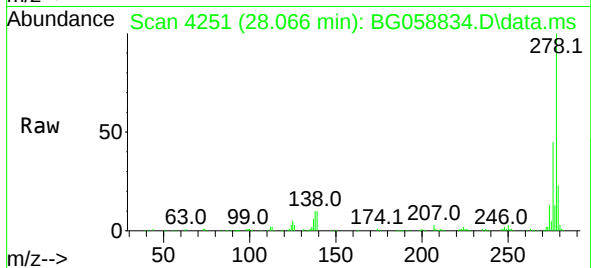
Acq: 24 Aug 2023 11:47

Instrument :

BNA_G

ClientSampleId :

PB154945BS



Tgt Ion:278 Resp: 40273

Ion Ratio Lower Upper

278 100

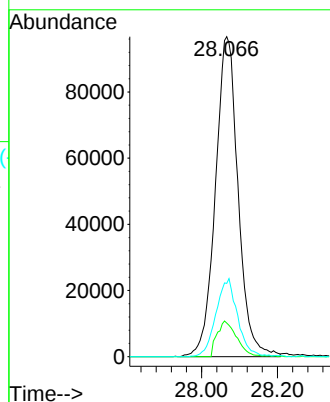
139 10.5 8.9 13.3

279 22.9 19.0 28.6

Manual Integrations

APPROVED

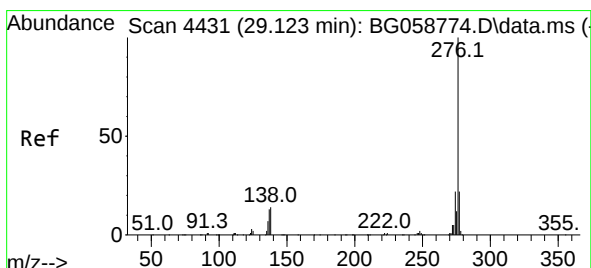
Reviewed By :Yogesh
Patel



09/12/2023

Supervised By :mohammad
ahmed

09/12/2023



#92

Benzo(g,h,i)perylene

Concen: 48.660 ng

RT: 29.112 min Scan# 4429

Delta R.T. -0.011 min

Lab File: BG058834.D

Acq: 24 Aug 2023 11:47

Tgt Ion:276 Resp: 392247

Ion Ratio Lower Upper

276 100

277 22.9 17.8 26.6

138 14.6 11.1 16.7

