

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058654.D
 Acq On : 9 Aug 2023 11:35
 Operator : MA/JU
 Sample : 03891-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 09 12:10:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	40614	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	183594	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	138413	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	347894	20.000	ng	0.00
76) Chrysene-d12	21.454	240	293934	20.000	ng	0.00
86) Perylene-d12	24.527	264	376908	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	284419	107.038	ng	0.00
7) Phenol-d6	6.983	99	394770	106.769	ng	0.00
23) Nitrobenzene-d5	8.975	82	236984	63.411	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	220883	97.362	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	565907	61.271	ng	0.00
79) Terphenyl-d14	19.826	244	1100005	70.376	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	51719	40.167	ng	98
3) Pyridine	3.657	79	127491	36.318	ng	96
4) n-Nitrosodimethylamine	3.581	42	68870	46.303	ng	95
6) Aniline	7.135	93	168092	36.925	ng	99
8) 2-Chlorophenol	7.376	128	137181	52.625	ng	97
9) Benzaldehyde	6.947	77	78370	39.013	ng	97
10) Phenol	7.012	94	193512	53.577	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	132202	46.429	ng	97
12) 1,3-Dichlorobenzene	7.700	146	134530	48.330	ng	99
13) 1,4-Dichlorobenzene	7.846	146	135940	48.638	ng	97
14) 1,2-Dichlorobenzene	8.164	146	132537	49.599	ng	96
15) Benzyl Alcohol	8.052	79	133901	57.105	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	231327m	50.013	ng	
17) 2-Methylphenol	8.264	107	130222	49.310	ng	99
18) Hexachloroethane	8.886	117	49660	48.884	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	112543	47.123	ng	99
20) 3+4-Methylphenols	8.587	107	181565	50.827	ng	99
22) Acetophenone	8.634	105	218412	44.429	ng	98
24) Nitrobenzene	9.016	77	166290	43.767	ng	95
25) Isophorone	9.539	82	327571	42.421	ng	99
26) 2-Nitrophenol	9.727	139	75924	45.907	ng	99
27) 2,4-Dimethylphenol	9.791	122	120748	44.015	ng	98
28) bis(2-Chloroethoxy)met...	10.020	93	184668	43.945	ng	99
29) 2,4-Dichlorophenol	10.267	162	140031	49.161	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	150027	45.672	ng	99
31) Naphthalene	10.661	128	420553	43.461	ng	99
32) Benzoic acid	9.962	122	94213	45.272	ng	96
33) 4-Chloroaniline	10.778	127	140189	34.290	ng	98
34) Hexachlorobutadiene	10.943	225	90492	42.776	ng	98
35) Caprolactam	11.560	113	50269m	47.791	ng	
36) 4-Chloro-3-methylphenol	11.912	107	175463	49.797	ng	98
37) 2-Methylnaphthalene	12.277	142	298975	43.194	ng	97
38) 1-Methylnaphthalene	12.500	142	293929	44.672	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	180012	42.362	ng	100
41) Hexachlorocyclopentadiene	12.623	237	134429	69.122	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	132356	45.284	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058654.D
 Acq On : 9 Aug 2023 11:35
 Operator : MA/JU
 Sample : 03891-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

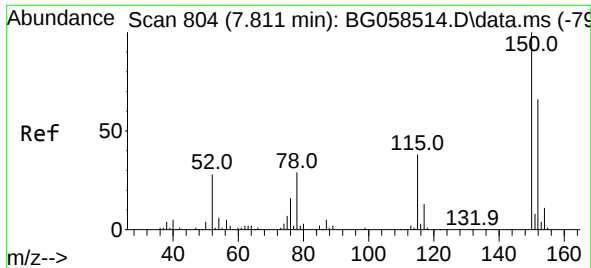
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 09 12:10:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

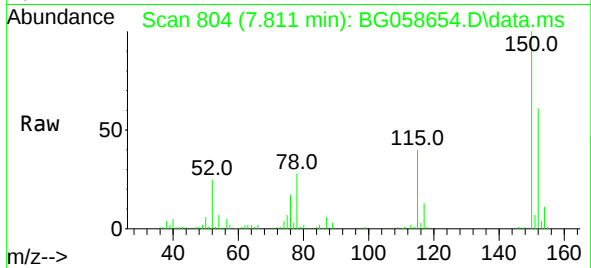
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	147863	42.951	ng	98
46) 1,1'-Biphenyl	13.293	154	410472	43.182	ng	99
47) 2-Chloronaphthalene	13.334	162	330540	44.598	ng	99
48) 2-Nitroaniline	13.546	65	132885	46.974	ng	98
49) Acenaphthylene	14.186	152	556030	44.810	ng	99
50) Dimethylphthalate	13.922	163	451142	43.399	ng	99
51) 2,6-Dinitrotoluene	14.045	165	101996	44.718	ng	96
52) Acenaphthene	14.527	154	312649	43.606	ng	97
53) 3-Nitroaniline	14.374	138	90986	39.871	ng	97
54) 2,4-Dinitrophenol	14.591	184	105485	81.849	ng	94
55) Dibenzofuran	14.862	168	543349	44.102	ng	100
56) 4-Nitrophenol	14.697	139	163343	95.908	ng	99
57) 2,4-Dinitrotoluene	14.838	165	147474	46.637	ng	97
58) Fluorene	15.514	166	442965	45.259	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	138510	47.150	ng	98
60) Diethylphthalate	15.279	149	470735	44.450	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	244537	44.816	ng	98
62) 4-Nitroaniline	15.543	138	105981	49.026	ng	98
63) Azobenzene	15.796	77	464163	44.499	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	87452	45.589	ng	99
66) n-Nitrosodiphenylamine	15.720	169	392850	43.386	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	172938	43.828	ng	98
68) Hexachlorobenzene	16.513	284	190448	45.548	ng	97
69) Atrazine	16.671	200	163389	53.453	ng	98
70) Pentachlorophenol	16.865	266	187919	74.252	ng	99
71) Phenanthrene	17.253	178	723718	43.865	ng	99
72) Anthracene	17.341	178	733270	43.315	ng	99
73) Carbazole	17.617	167	683883	45.811	ng	99
74) Di-n-butylphthalate	18.170	149	839763	44.911	ng	100
75) Fluoranthene	19.280	202	849421	42.860	ng	99
77) Benzidine	19.456	184	205541	46.114	ng	99
78) Pyrene	19.633	202	895872	44.785	ng	99
80) Butylbenzylphthalate	20.514	149	371866	45.257	ng	100
81) Benzo(a)anthracene	21.436	228	920329	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	317932	46.486	ng	100
83) Chrysene	21.501	228	853485	44.006	ng	99
84) Bis(2-ethylhexyl)phtha...	21.336	149	536989	44.721	ng	98
85) Di-n-octyl phthalate	22.488	149	955011	45.239	ng	99
87) Indeno(1,2,3-cd)pyrene	28.035	276	1149428	45.841	ng	# 80
88) Benzo(b)fluoranthene	23.552	252	978188	47.850	ng	99
89) Benzo(k)fluoranthene	23.616	252	922547	44.922	ng	99
90) Benzo(a)pyrene	24.386	252	868318	43.252	ng	99
91) Dibenzo(a,h)anthracene	28.087	278	950157	45.828	ng	99
92) Benzo(g,h,i)perylene	29.127	276	906711	43.612	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

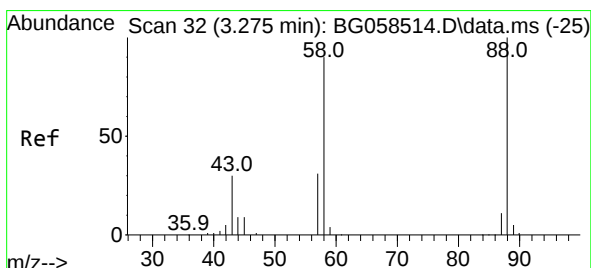
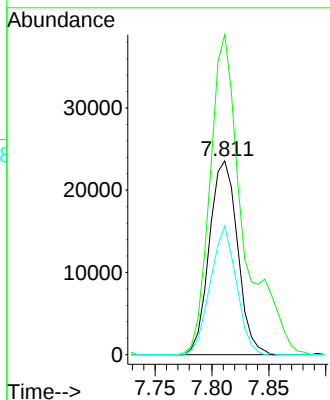
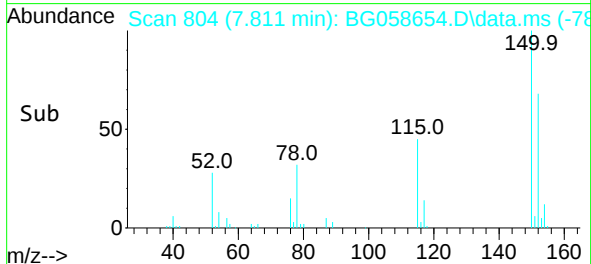
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



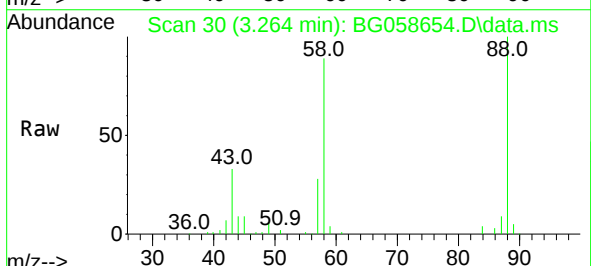
Tgt Ion:152 Resp: 40614
Ion Ratio Lower Upper
152 100
150 165.1 120.5 180.7
115 66.5 45.9 68.9

Manual Integrations
APPROVED

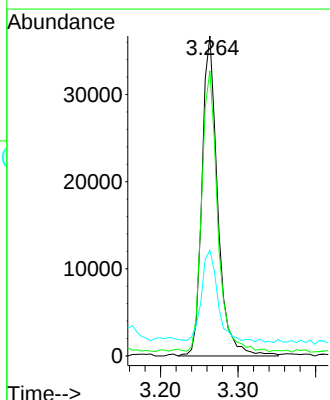
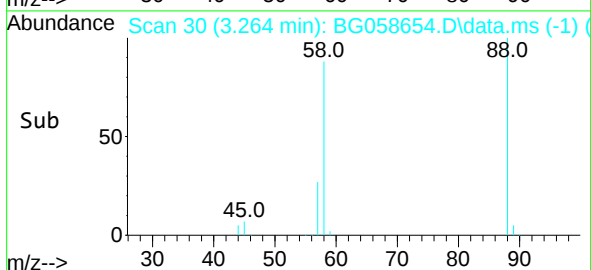
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

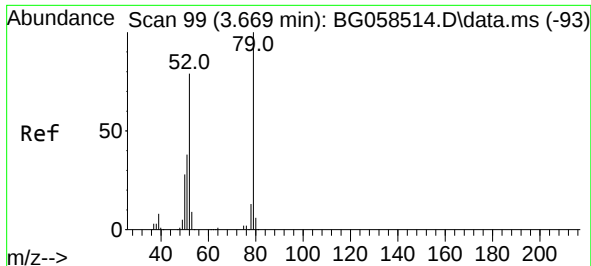


#2
1,4-Dioxane
Concen: 40.167 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



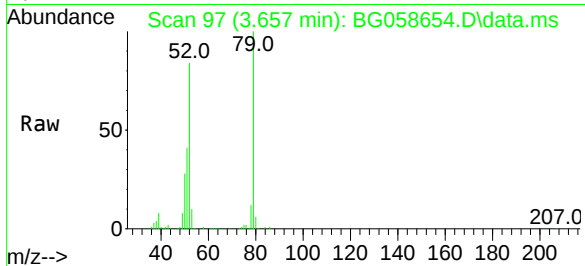
Tgt Ion: 88 Resp: 51719
Ion Ratio Lower Upper
88 100
58 87.7 68.9 103.3
43 29.2 22.9 34.3





#3
Pyridine
Concen: 36.318 ng
RT: 3.657 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

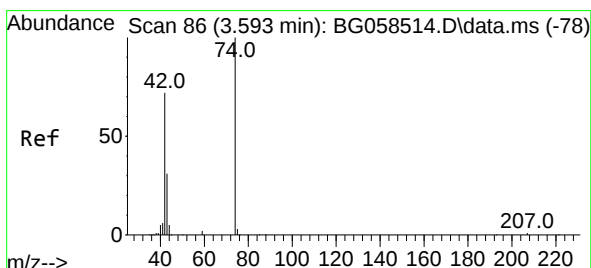
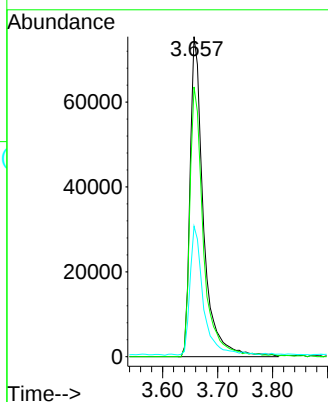
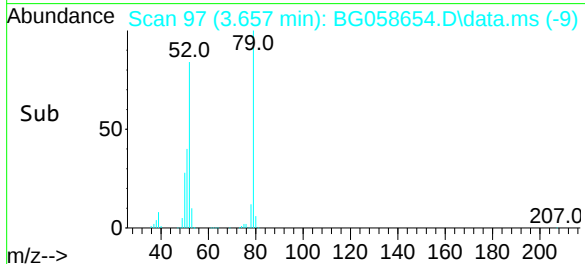
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



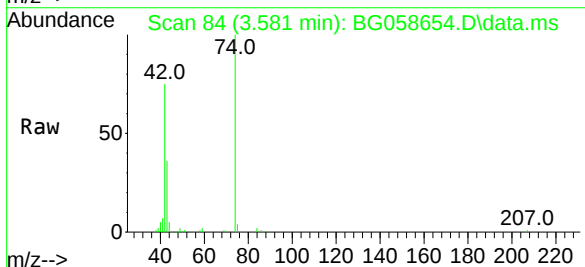
Tgt Ion: 79 Resp: 12749
Ion Ratio Lower Upper
79 100
52 84.3 63.2 94.8
51 40.7 31.9 47.9

Manual Integrations
APPROVED

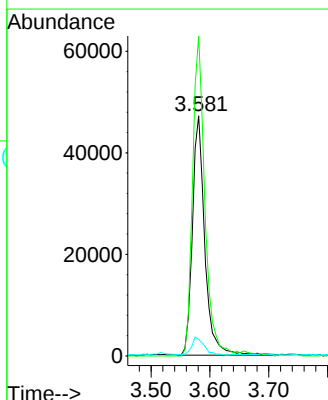
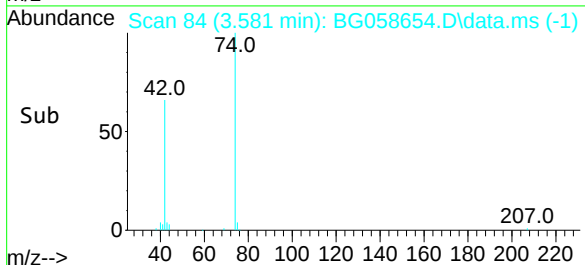
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

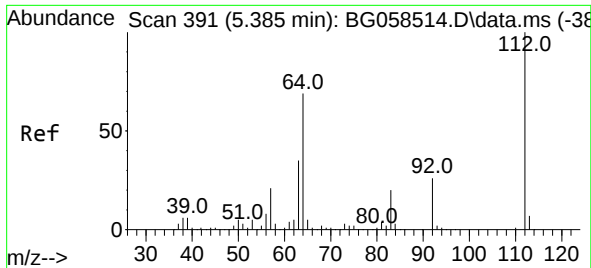


#4
n-Nitrosodimethylamine
Concen: 46.303 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion: 42 Resp: 68870
Ion Ratio Lower Upper
42 100
74 133.3 111.5 167.3
44 6.9 5.4 8.2





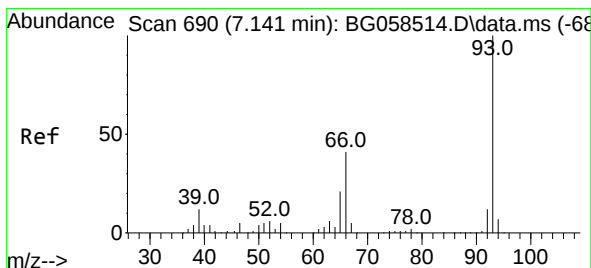
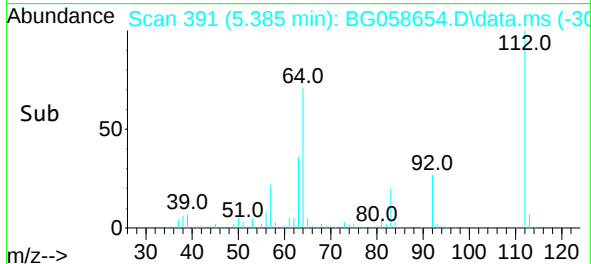
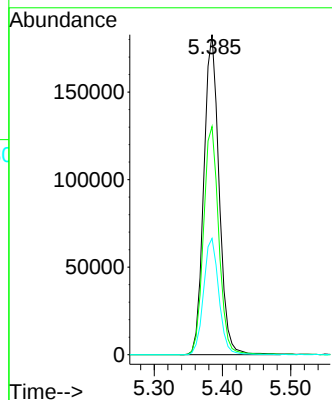
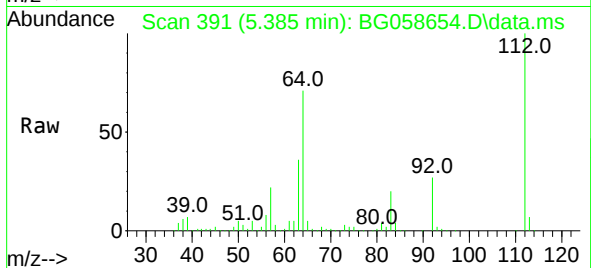
#5
2-Fluorophenol
Concen: 107.038 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:112 Resp: 284419
Ion Ratio Lower Upper
112 100
64 71.3 55.3 82.9
63 36.3 28.3 42.5

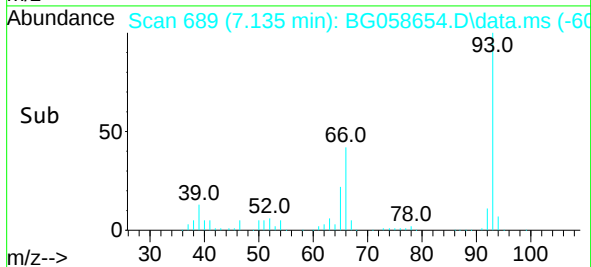
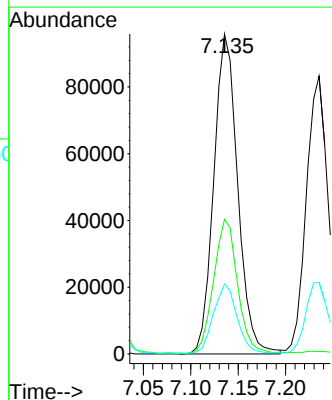
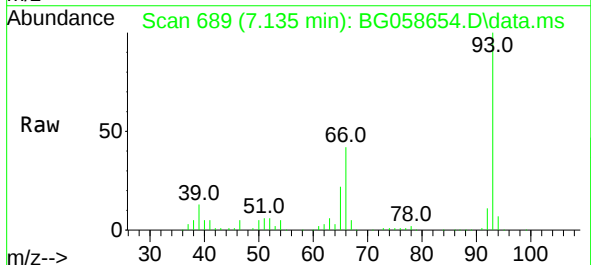
Manual Integrations
APPROVED

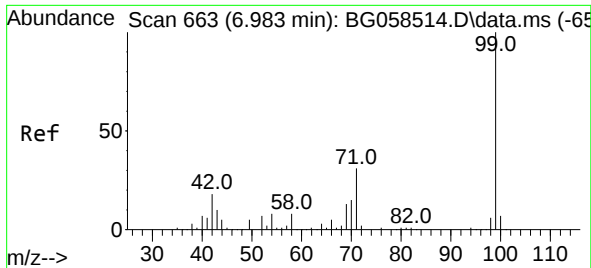
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#6
Aniline
Concen: 36.925 ng
RT: 7.135 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 93 Resp: 168092
Ion Ratio Lower Upper
93 100
66 42.1 33.1 49.7
65 21.9 17.0 25.4





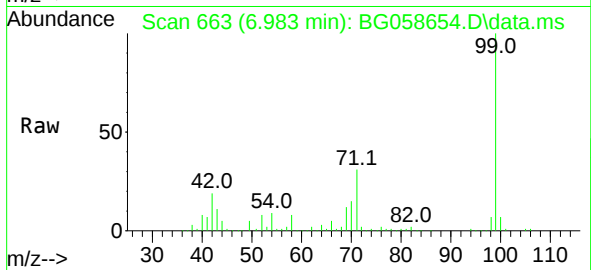
#7
Phenol-d6
Concen: 106.769 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

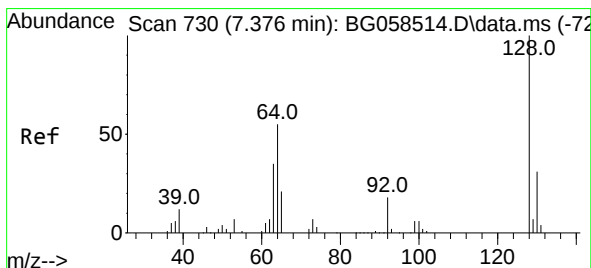
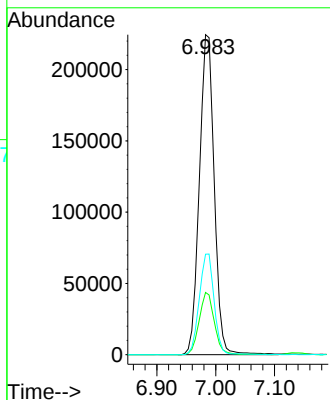
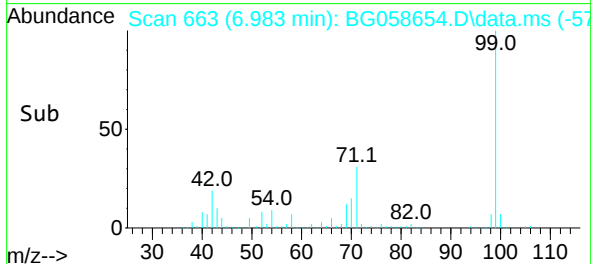


Tgt Ion: 99 Resp: 394770
Ion Ratio Lower Upper
99 100
42 19.5 14.6 21.8
71 31.4 25.0 37.4

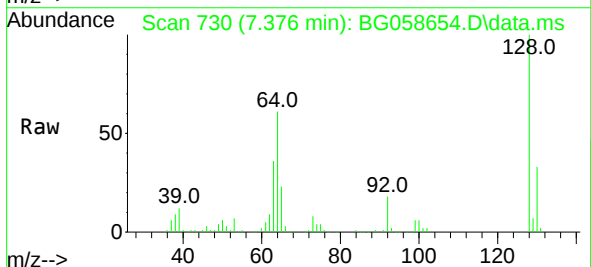
Manual Integrations

APPROVED

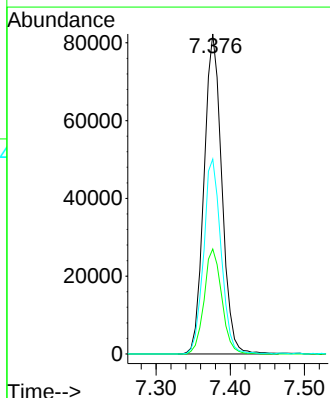
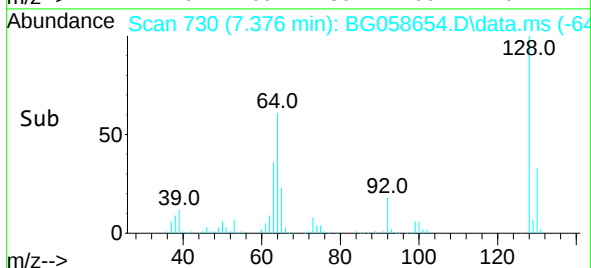
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

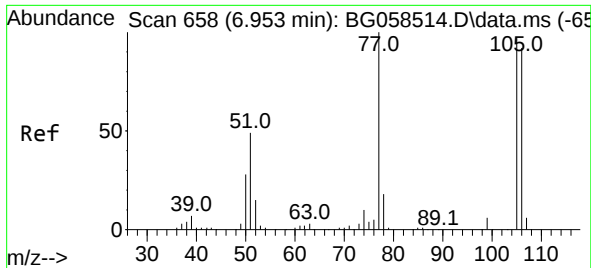


#8
2-Chlorophenol
Concen: 52.625 ng
RT: 7.376 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:128 Resp: 137181
Ion Ratio Lower Upper
128 100
130 32.8 10.9 50.9
64 60.9 39.0 79.0





#9
Benzaldehyde
Concen: 39.013 ng
RT: 6.947 min Scan# 657
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

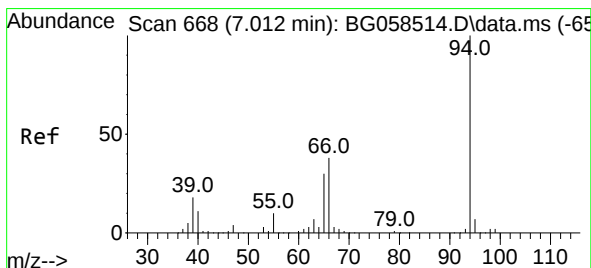
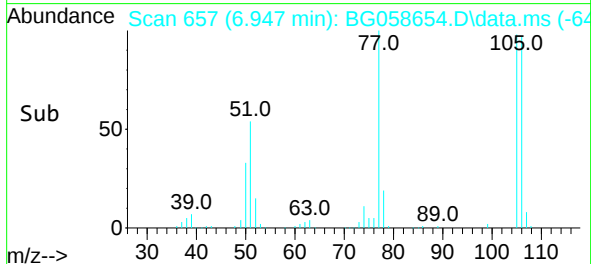
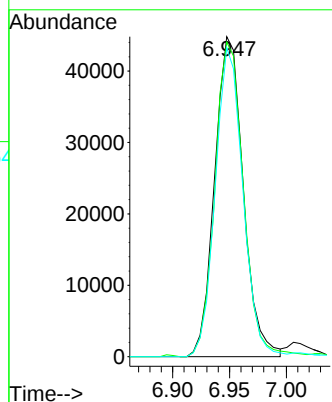
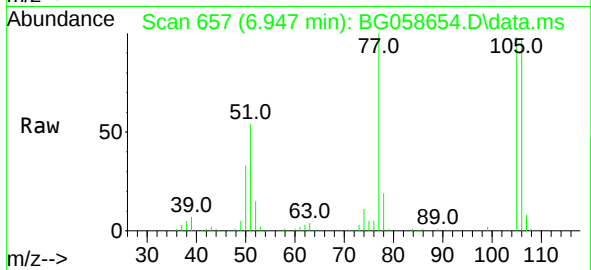
TP-1MSD

Tgt Ion: 77 Resp: 78370
Ion Ratio Lower Upper
77 100
105 98.3 77.1 117.1
106 96.6 71.6 111.6

Manual Integrations

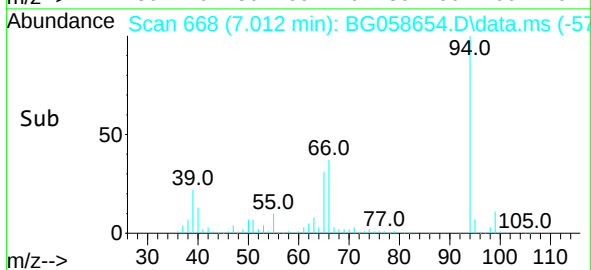
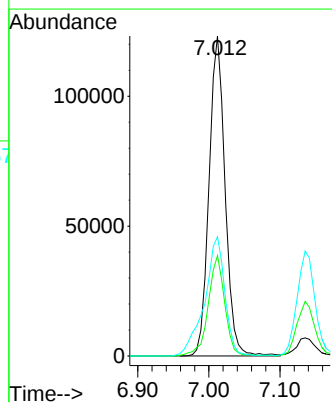
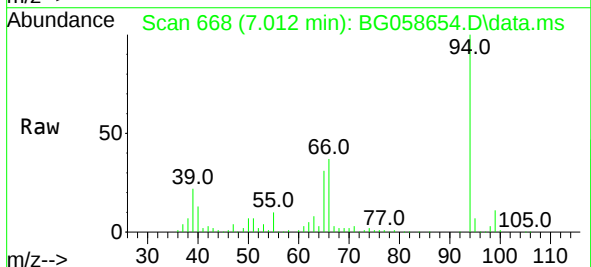
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#10
Phenol
Concen: 53.577 ng
RT: 7.012 min Scan# 668
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

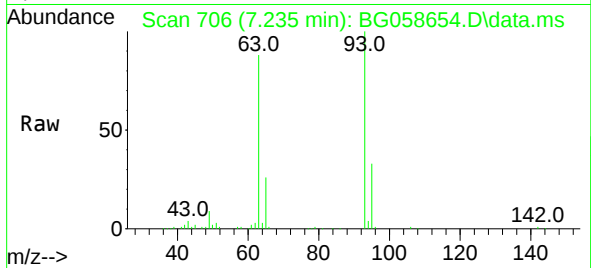
Tgt Ion: 94 Resp: 193512
Ion Ratio Lower Upper
94 100
65 31.3 10.4 50.4
66 37.3 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 46.429 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

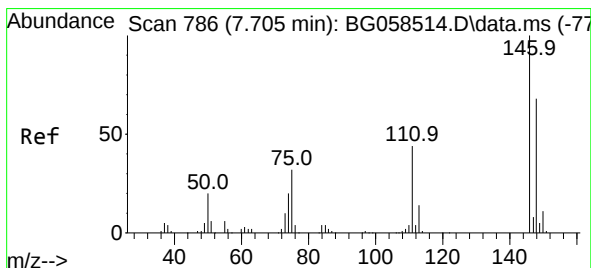
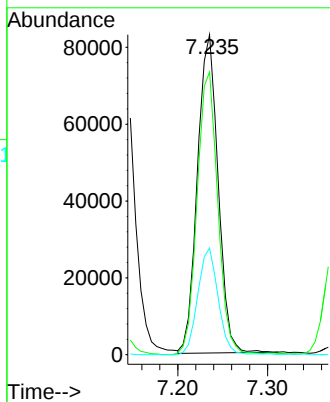
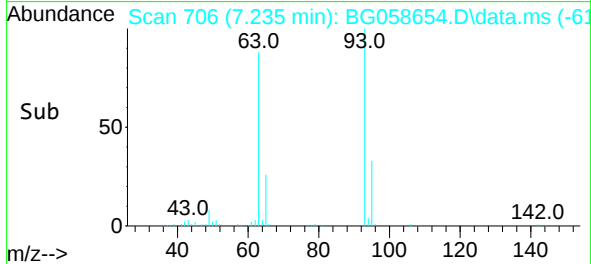
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 93 Resp: 13220
Ion Ratio Lower Upper
93 100
63 88.4 65.5 105.5
95 33.4 11.2 51.2

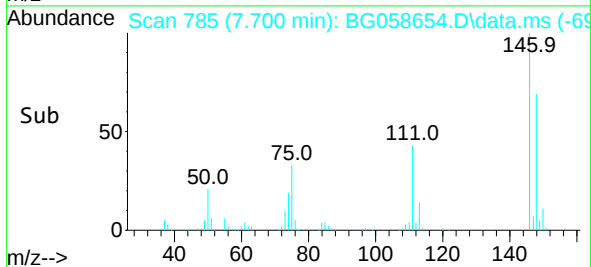
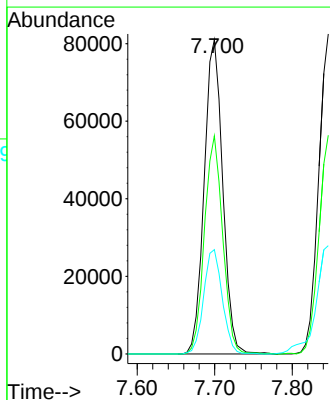
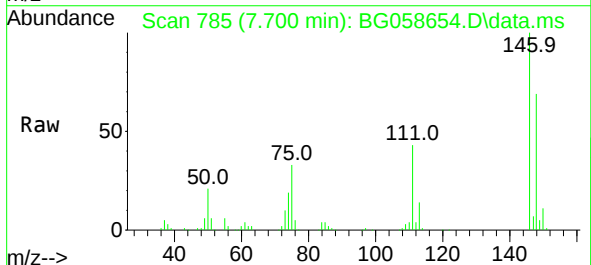
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#12
1,3-Dichlorobenzene
Concen: 48.330 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:146 Resp: 134530
Ion Ratio Lower Upper
146 100
148 69.4 54.7 82.1
75 33.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.638 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:146 Resp: 135940

Ion Ratio Lower Upper

146 100

148 68.4 52.8 79.2

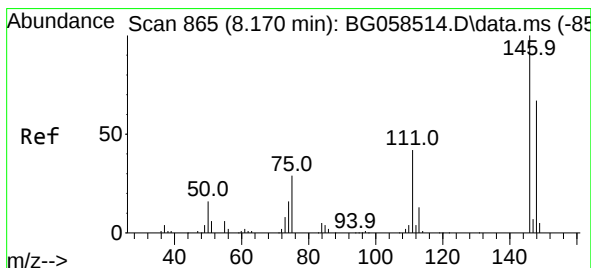
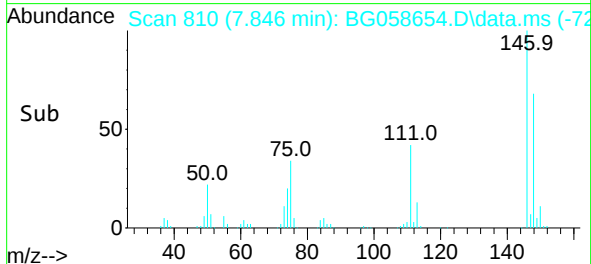
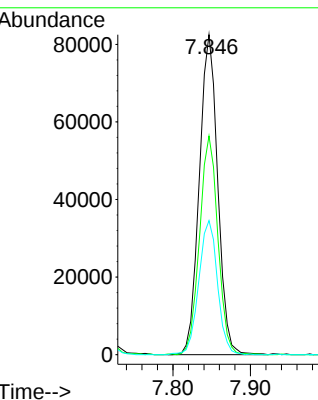
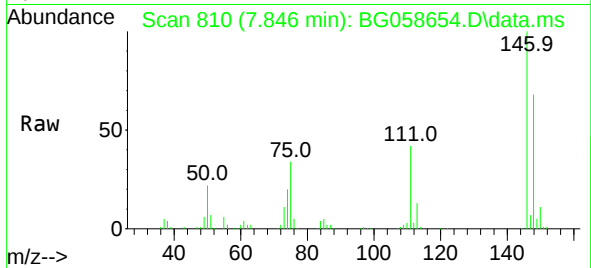
111 41.9 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#14

1,2-Dichlorobenzene

Concen: 49.599 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

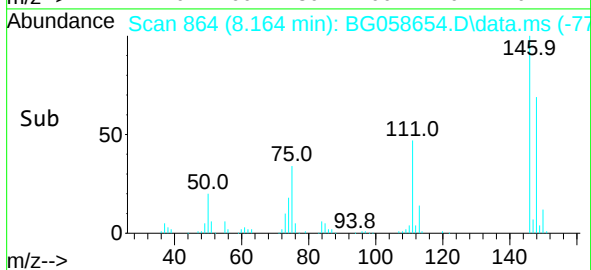
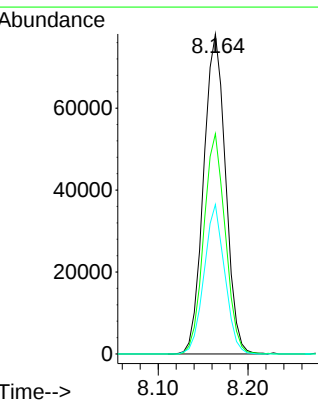
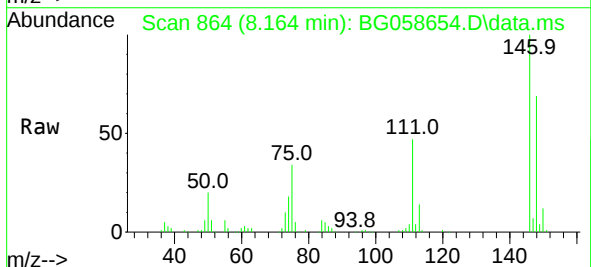
Tgt Ion:146 Resp: 132537

Ion Ratio Lower Upper

146 100

148 68.8 53.4 80.2

111 46.7 34.2 51.2





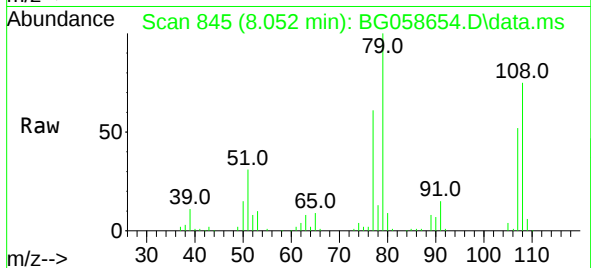
#15
Benzyl Alcohol
Concen: 57.105 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

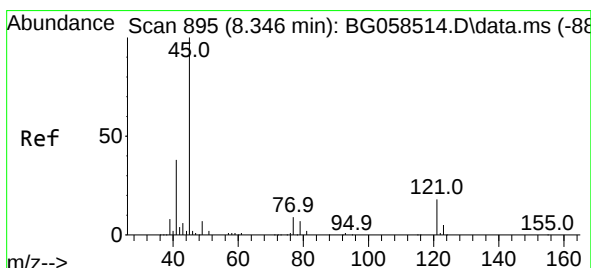
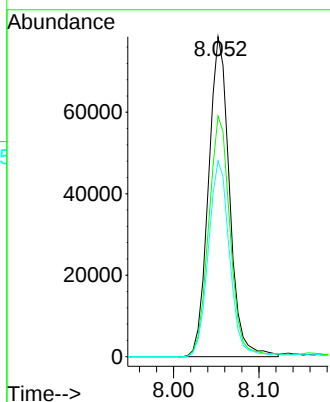
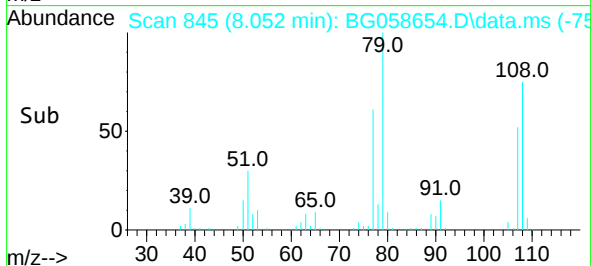
TP-1MSD



Tgt Ion: 79 Resp: 13390
Ion Ratio Lower Upper
79 100
108 75.2 63.8 95.6
77 61.3 49.8 74.6

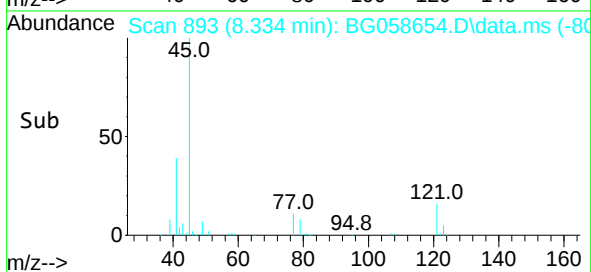
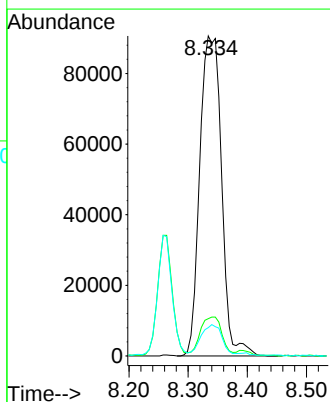
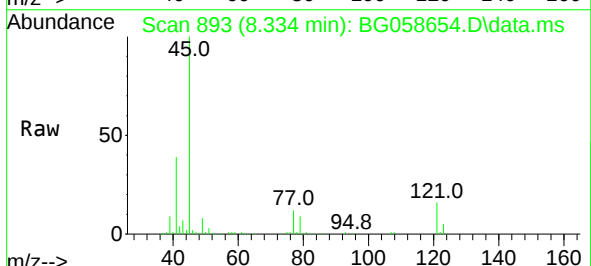
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.013 ng m
RT: 8.334 min Scan# 893
Delta R.T. -0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 45 Resp: 231327
Ion Ratio Lower Upper
45 100
77 11.6 0.0 32.6
79 8.9 0.0 30.2





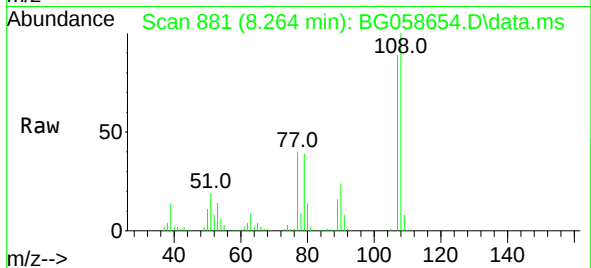
#17
2-Methylphenol
Concen: 49.310 ng
RT: 8.264 min Scan# 880
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

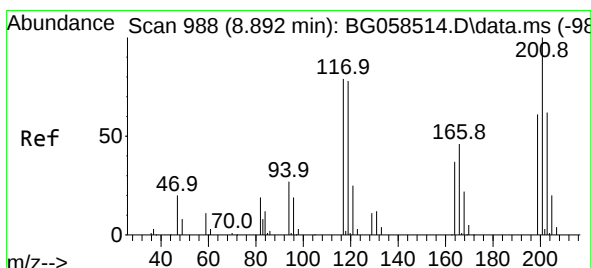
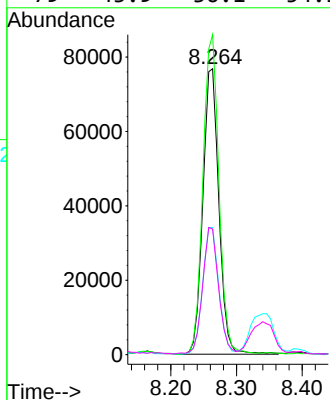
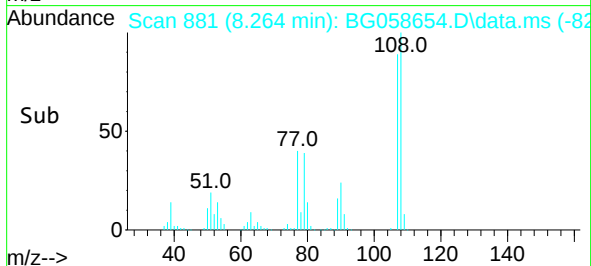


Tgt Ion:107 Resp: 13022
Ion Ratio Lower Upper
107 100
108 111.9 89.1 133.7
77 44.5 36.2 54.4
79 43.9 36.1 54.1

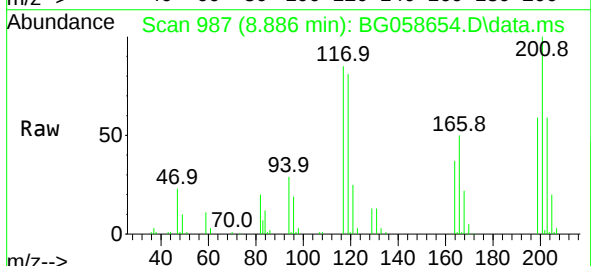
Manual Integrations

APPROVED

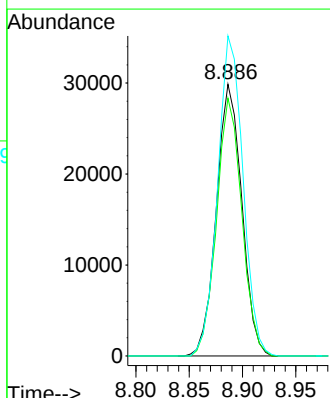
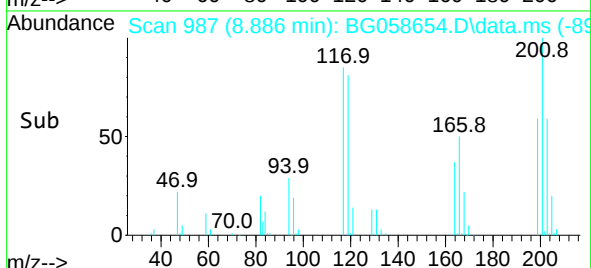
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#18
Hexachloroethane
Concen: 48.884 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



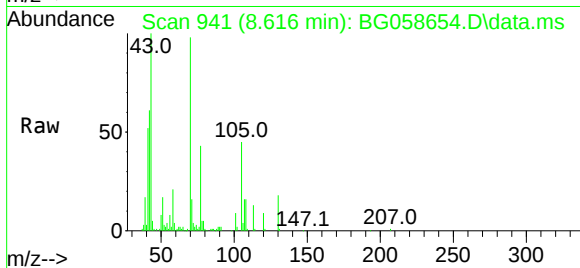
Tgt Ion:117 Resp: 49660
Ion Ratio Lower Upper
117 100
119 94.9 78.6 117.8
201 117.8 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.123 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

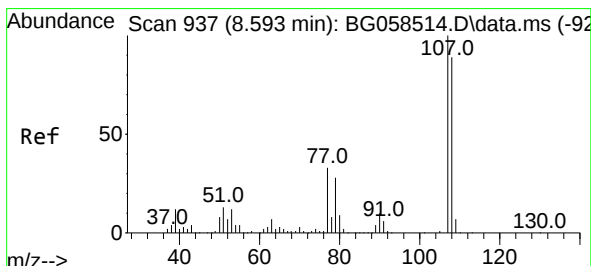
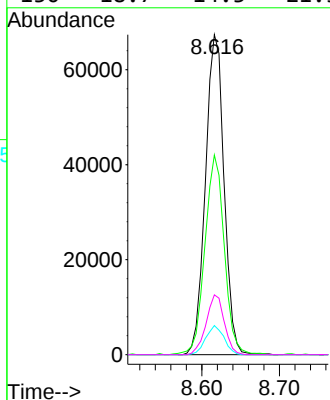
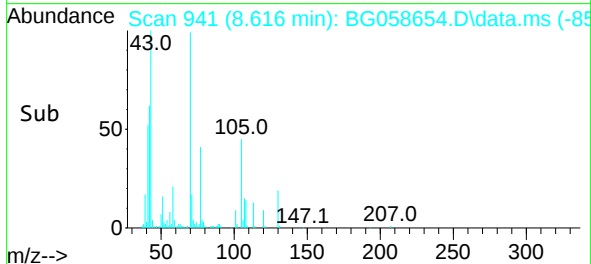
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



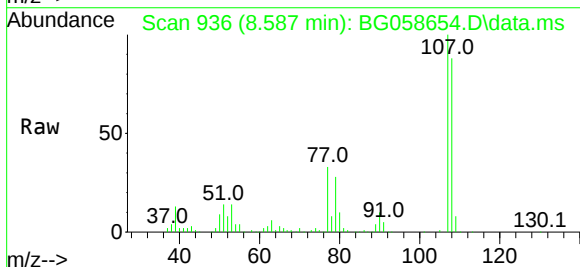
Tgt Ion: 70 Resp: 11254
Ion Ratio Lower Upper
70 100
42 62.4 49.7 74.5
101 9.1 7.0 10.4
130 18.7 14.3 21.5

Manual Integrations
APPROVED

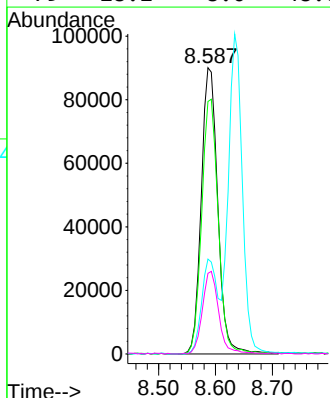
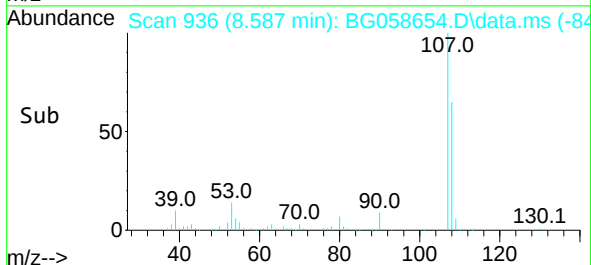
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

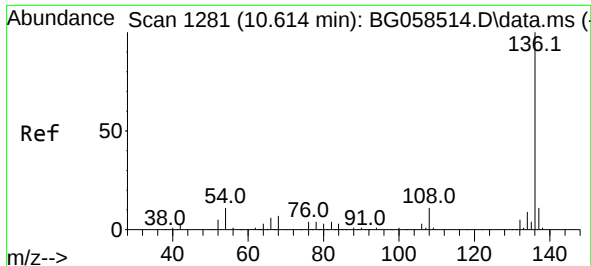


#20
3+4-Methylphenols
Concen: 50.827 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



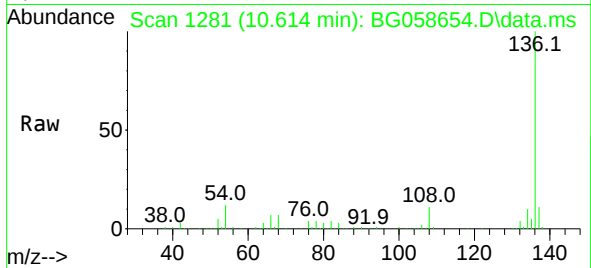
Tgt Ion:107 Resp: 181565
Ion Ratio Lower Upper
107 100
108 88.2 69.4 109.4
77 33.1 13.0 53.0
79 28.2 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

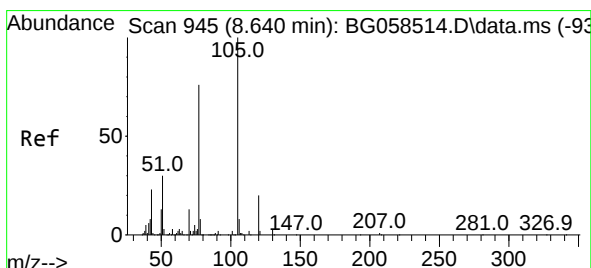
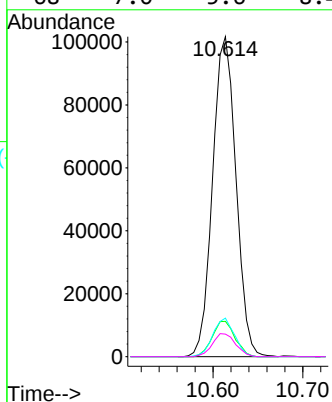
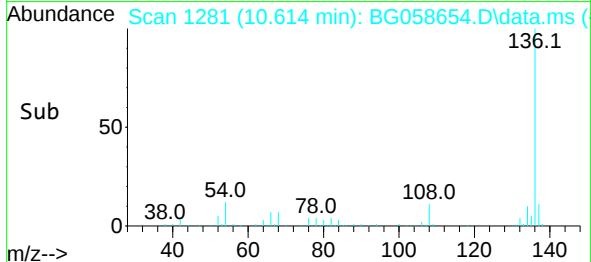
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



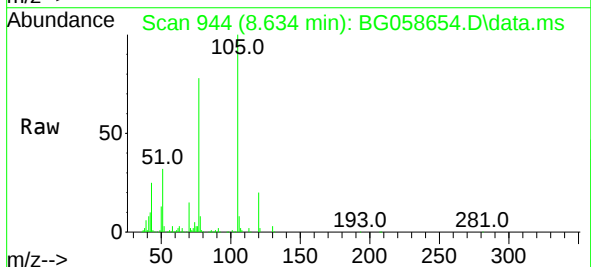
Tgt Ion:136 Resp: 183594
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.1 8.9 13.3
68 7.0 5.6 8.4

Manual Integrations
APPROVED

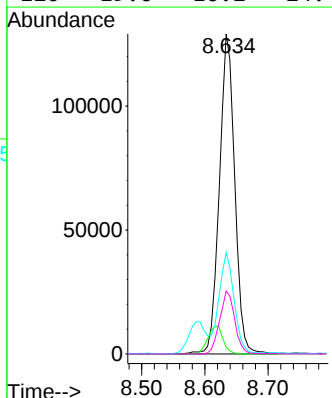
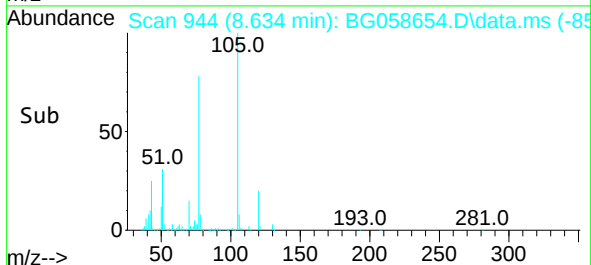
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

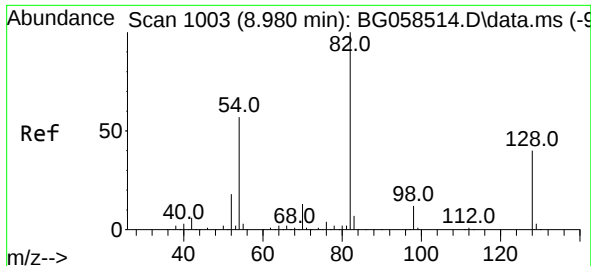


#22
Acetophenone
Concen: 44.429 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:105 Resp: 218412
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 31.6 24.2 36.2
120 19.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 63.411 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

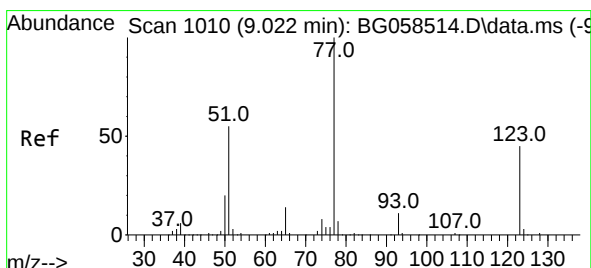
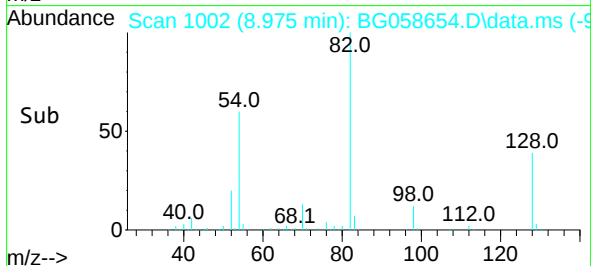
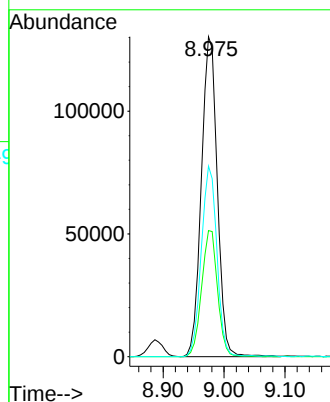
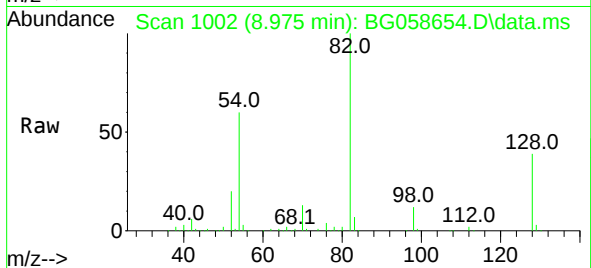
Tgt Ion: 82 Resp: 236984
 Ion Ratio Lower Upper
 82 100
 128 39.4 32.2 48.2
 54 59.5 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#24

Nitrobenzene

Concen: 43.767 ng

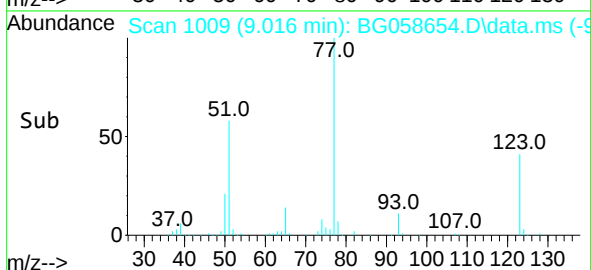
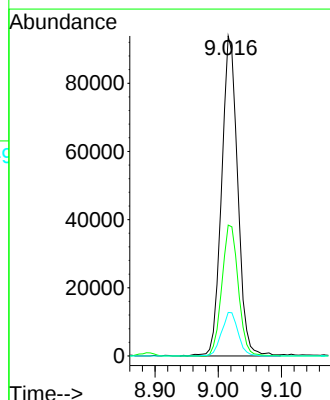
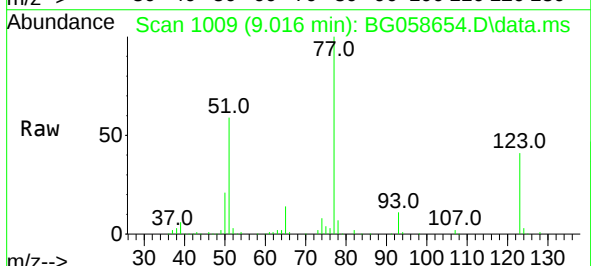
RT: 9.016 min Scan# 1009

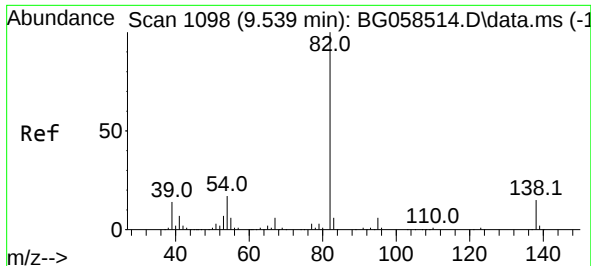
Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Tgt Ion: 77 Resp: 166290
 Ion Ratio Lower Upper
 77 100
 123 40.9 35.6 53.4
 65 13.6 11.4 17.0





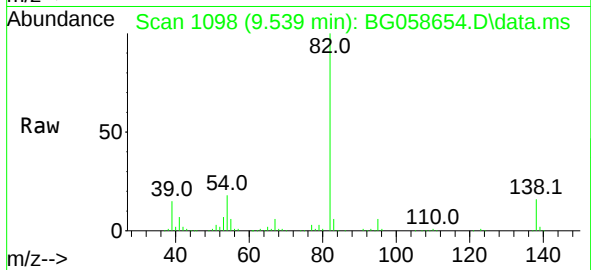
#25
Isophorone
Concen: 42.421 ng
RT: 9.539 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

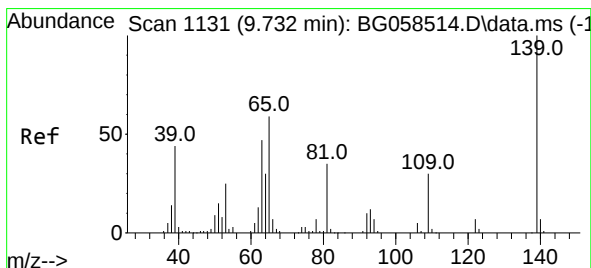
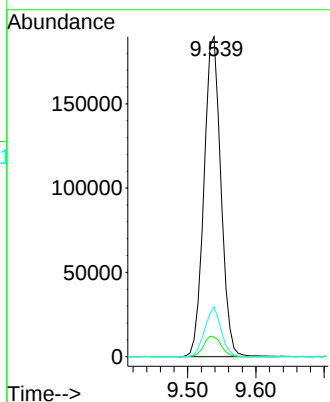
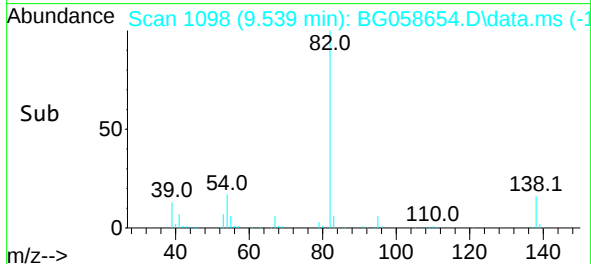


Tgt Ion: 82 Resp: 32757
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 15.6 11.9 17.9

Manual Integrations

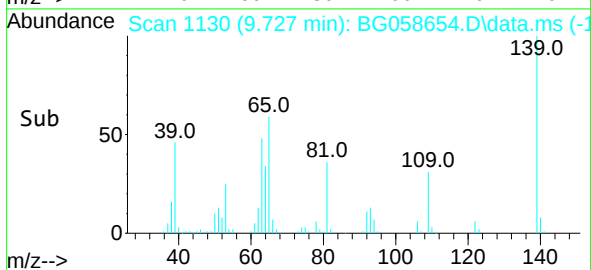
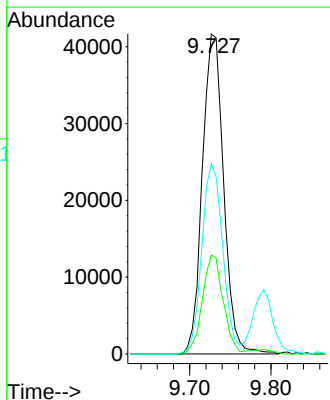
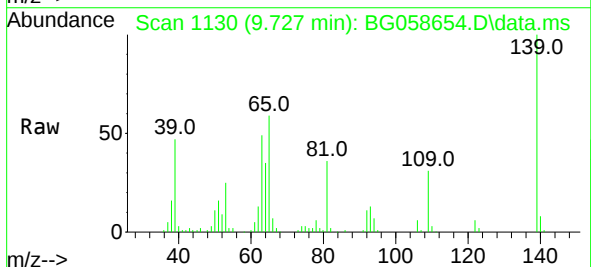
APPROVED

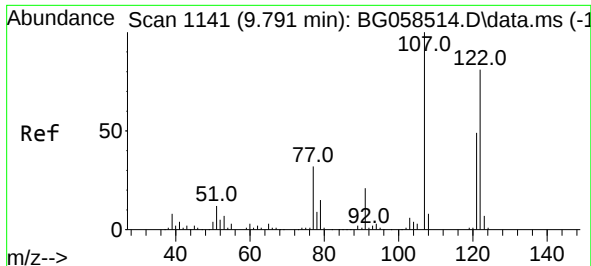
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#26
2-Nitrophenol
Concen: 45.907 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:139 Resp: 75924
Ion Ratio Lower Upper
139 100
109 30.9 24.2 36.2
65 59.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.015 ng

RT: 9.791 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BG058654.D

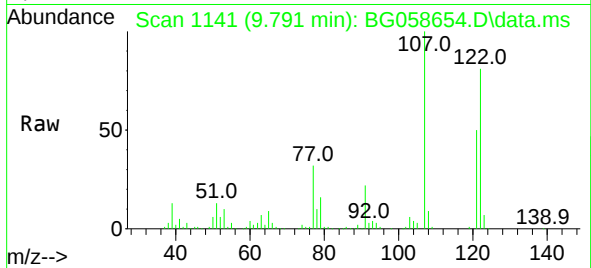
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD



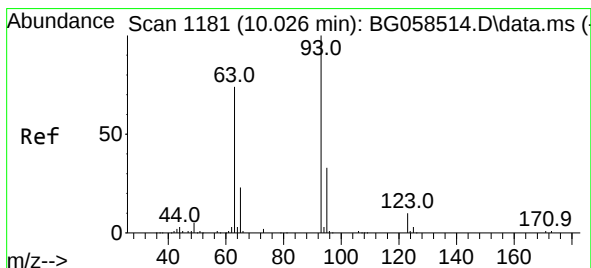
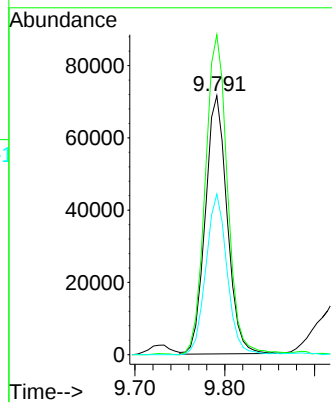
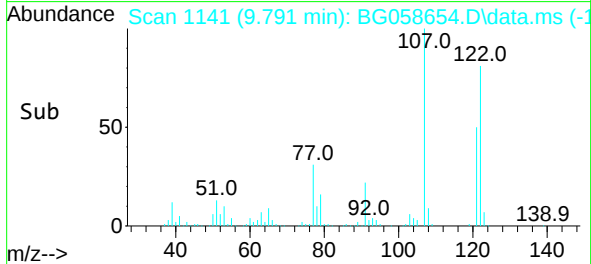
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.6	98.0	147.0
121	62.0	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.945 ng

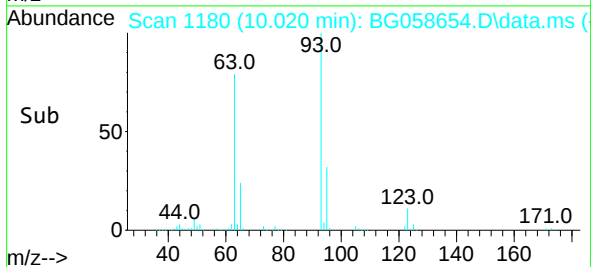
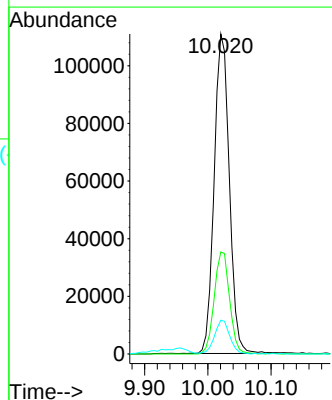
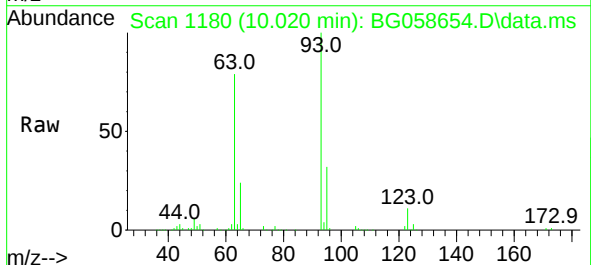
RT: 10.020 min Scan# 1180

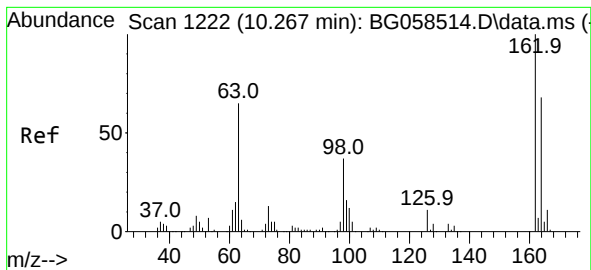
Delta R.T. -0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

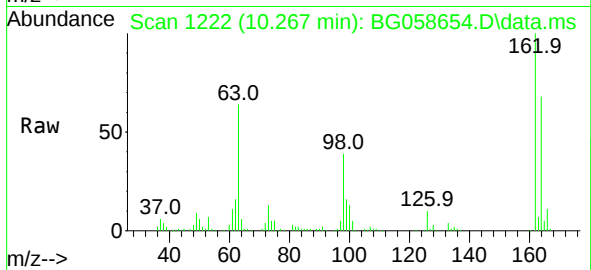
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.0	39.0
123	10.5	7.8	11.8





#29
2,4-Dichlorophenol
Concen: 49.161 ng
RT: 10.267 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

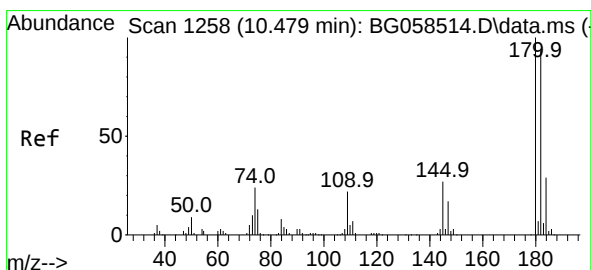
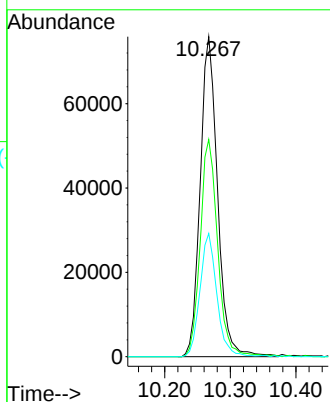
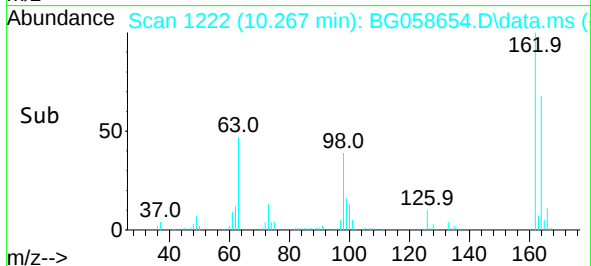
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



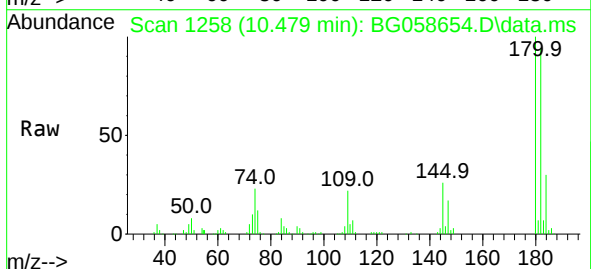
Tgt Ion:162 Resp: 14003
Ion Ratio Lower Upper
162 100
164 67.9 47.6 87.6
98 38.5 17.1 57.1

Manual Integrations
APPROVED

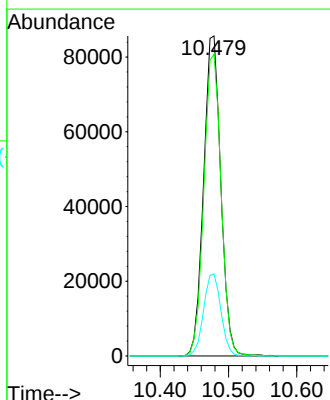
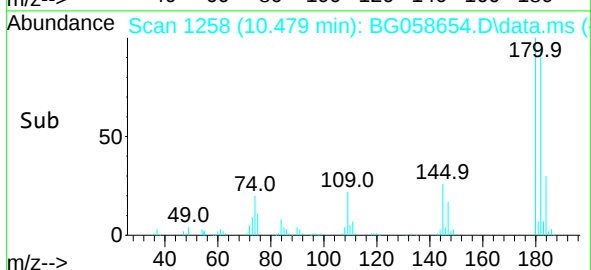
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

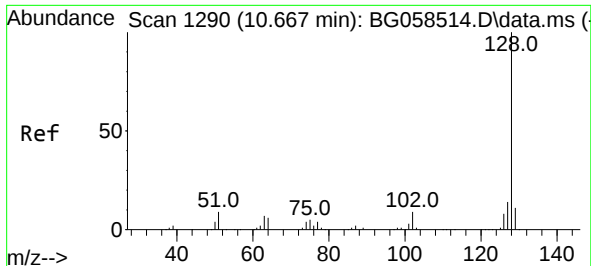


#30
1,2,4-Trichlorobenzene
Concen: 45.672 ng
RT: 10.479 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



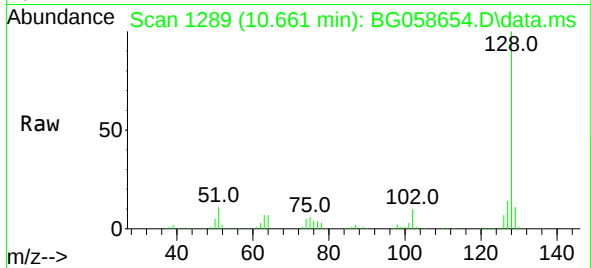
Tgt Ion:180 Resp: 150027
Ion Ratio Lower Upper
180 100
182 94.3 75.0 112.4
145 25.7 21.9 32.9





#31
Naphthalene
Concen: 43.461 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

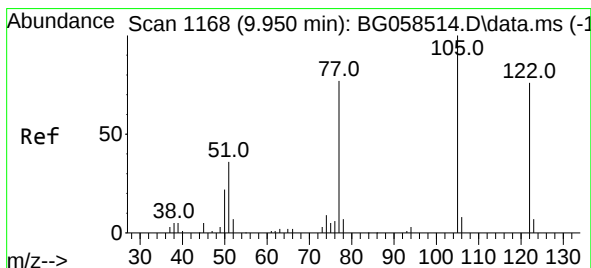
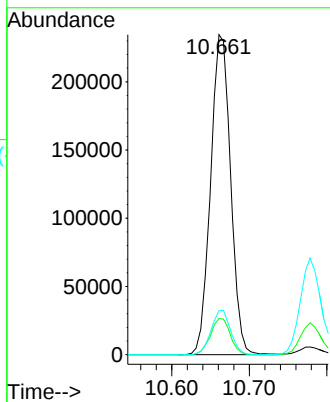
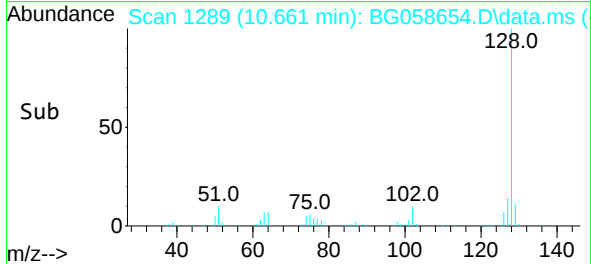
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:128 Resp: 42055
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

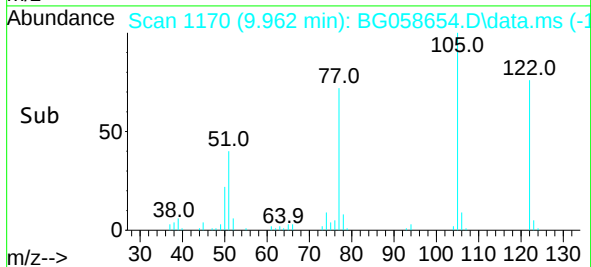
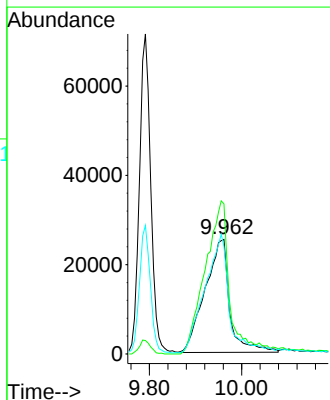
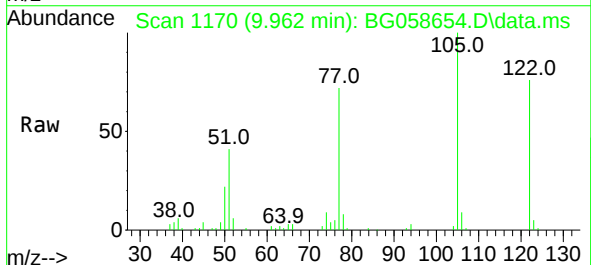
Manual Integrations
APPROVED

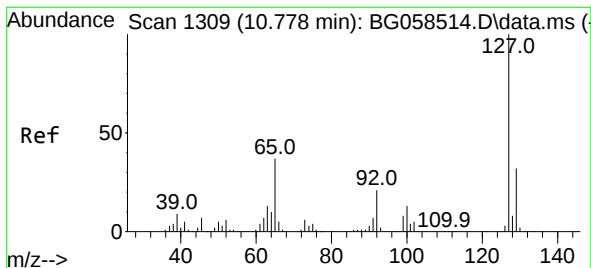
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#32
Benzoic acid
Concen: 45.272 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

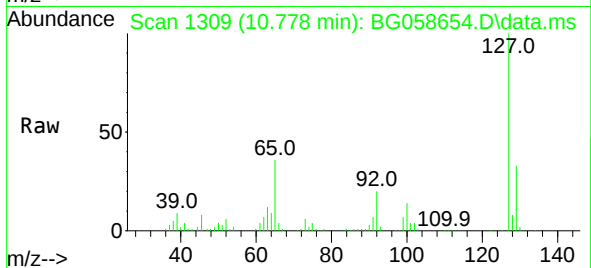
Tgt Ion:122 Resp: 94213
Ion Ratio Lower Upper
122 100
105 131.0 106.5 146.5
77 93.8 78.1 118.1





#33
4-Chloroaniline
Concen: 34.290 ng
RT: 10.778 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

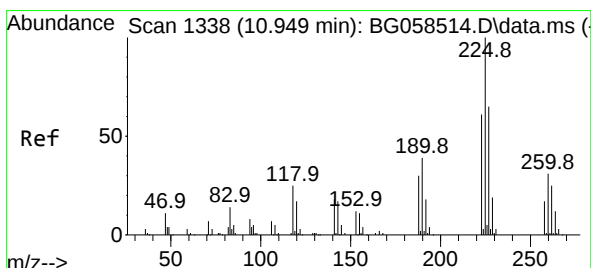
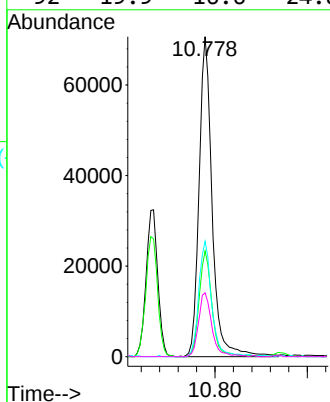
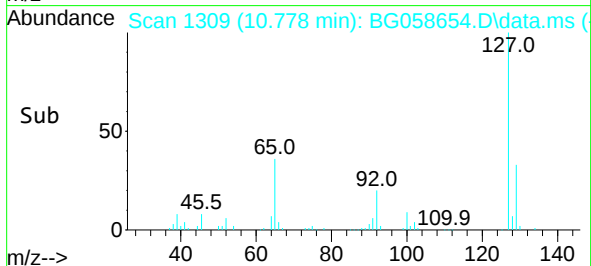
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



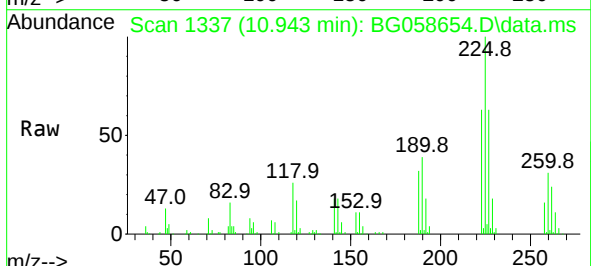
Tgt Ion:	127	Resp:	140189
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.4	38.2
65	36.0	29.5	44.3
92	19.9	16.6	24.8

Manual Integrations
APPROVED

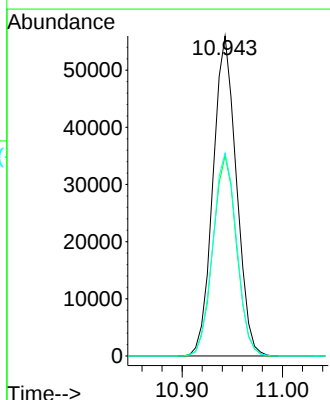
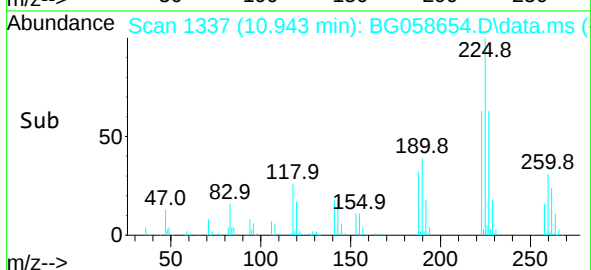
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

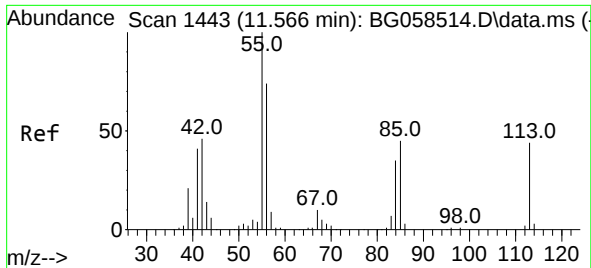


#34
Hexachlorobutadiene
Concen: 42.776 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:	225	Resp:	90492
Ion Ratio	Lower	Upper	
225	100		
223	62.5	49.0	73.6
227	63.4	51.7	77.5





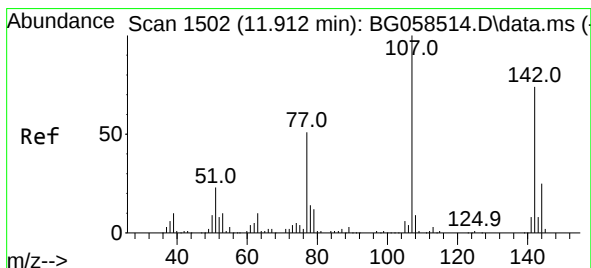
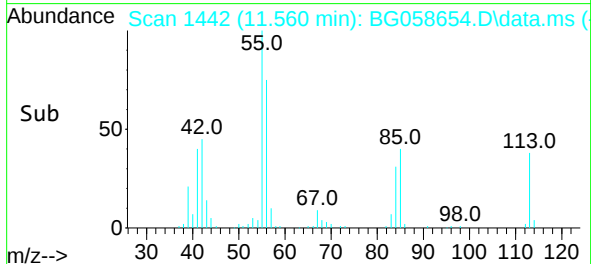
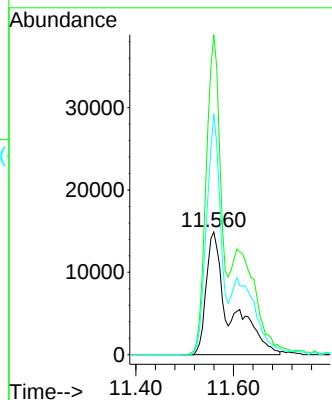
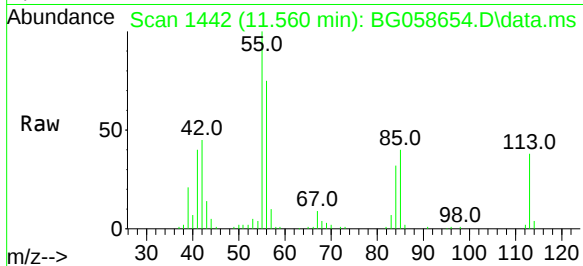
#35
Caprolactam
Concen: 47.791 ng m
RT: 11.560 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:113 Resp: 50269
Ion Ratio Lower Upper
113 100
55 260.7 208.0 248.0
56 196.0 148.6 188.6

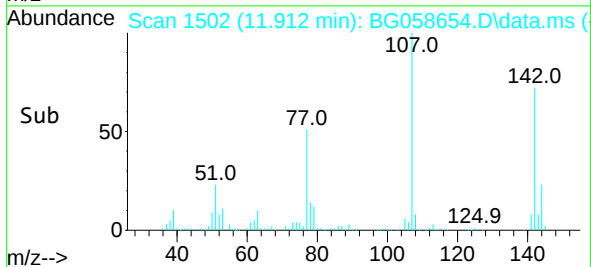
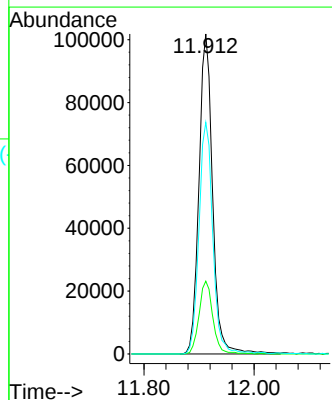
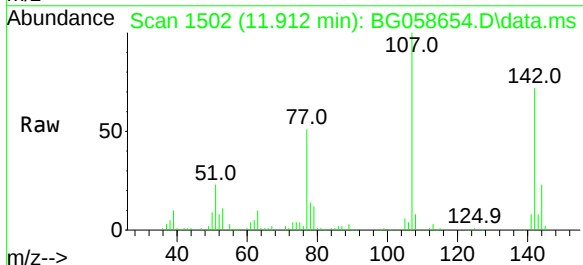
Manual Integrations
APPROVED

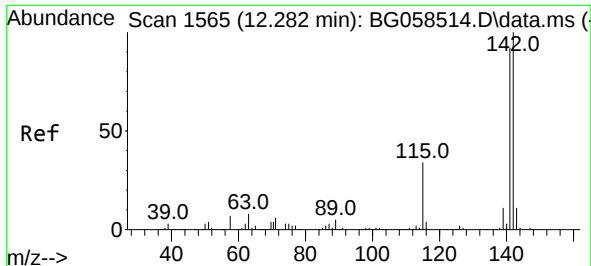
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#36
4-Chloro-3-methylphenol
Concen: 49.797 ng
RT: 11.912 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

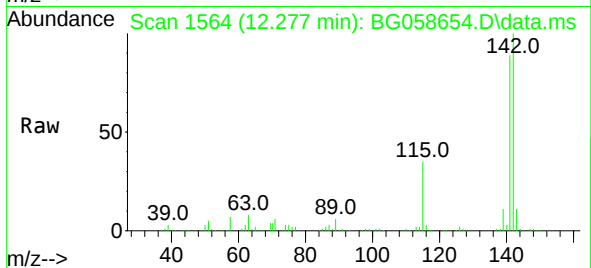
Tgt Ion:107 Resp: 175463
Ion Ratio Lower Upper
107 100
144 22.8 19.6 29.4
142 72.3 59.3 88.9





#37
2-Methylnaphthalene
Concen: 43.194 ng
RT: 12.277 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

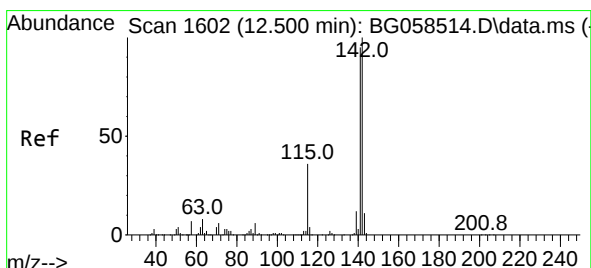
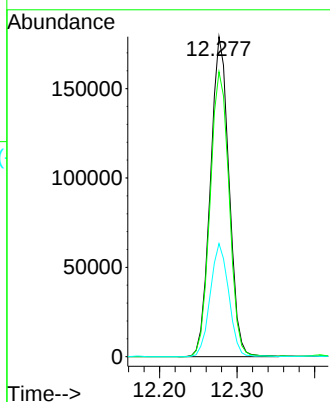
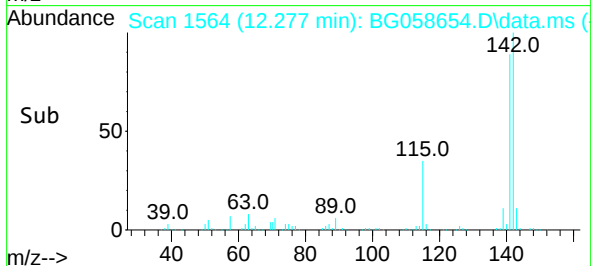
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



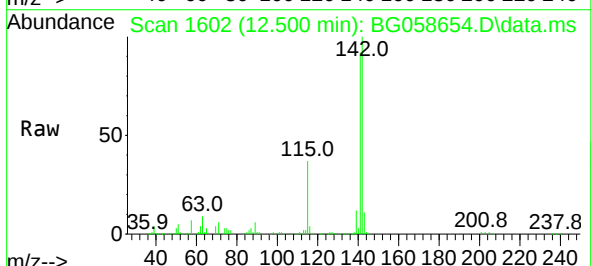
Tgt Ion:142 Resp: 298979
Ion Ratio Lower Upper
142 100
141 89.1 73.5 110.3
115 35.3 27.4 41.0

Manual Integrations
APPROVED

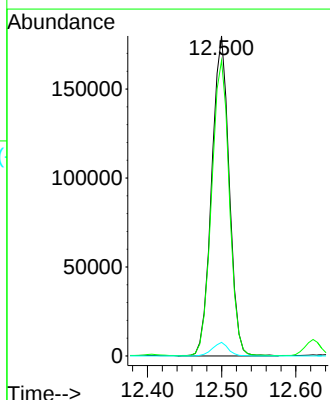
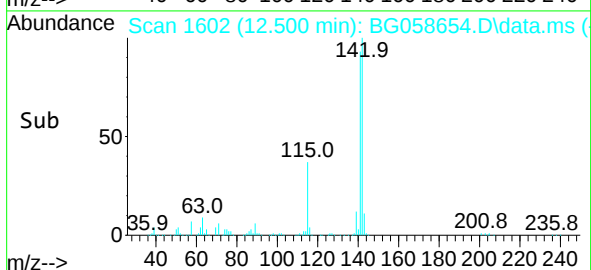
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

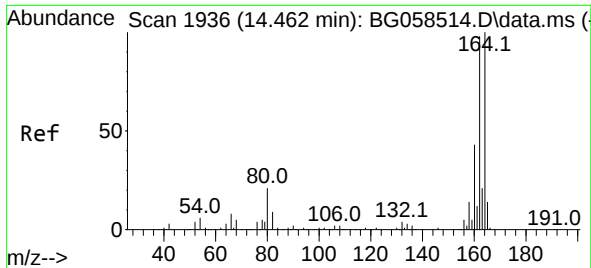


#38
1-Methylnaphthalene
Concen: 44.672 ng
RT: 12.500 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



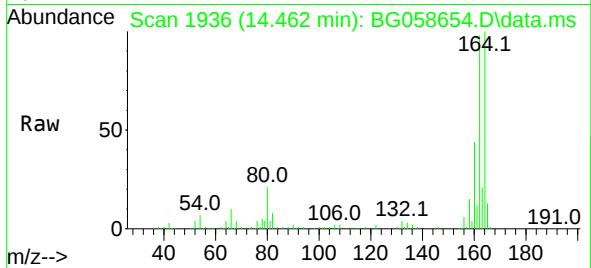
Tgt Ion:142 Resp: 293929
Ion Ratio Lower Upper
142 100
141 92.3 75.7 113.5
116 4.2 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

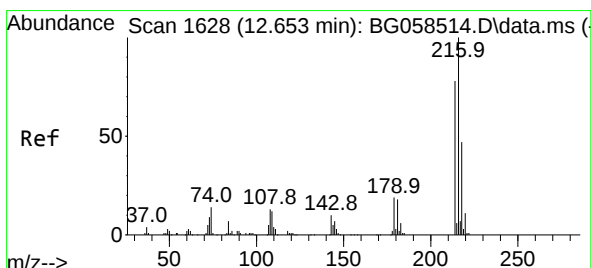
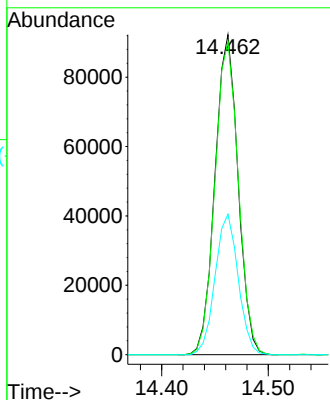
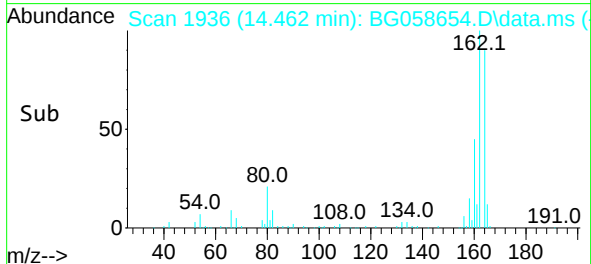
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



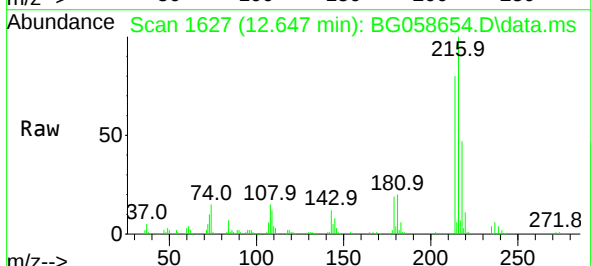
Tgt Ion:164 Resp: 13841
Ion Ratio Lower Upper
164 100
162 97.9 78.3 117.5
160 43.9 34.1 51.1

Manual Integrations
APPROVED

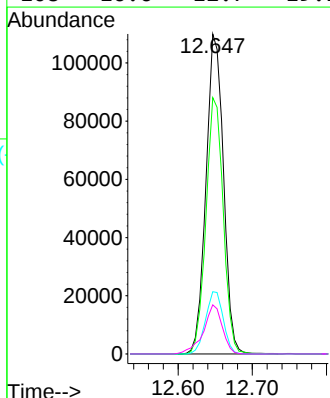
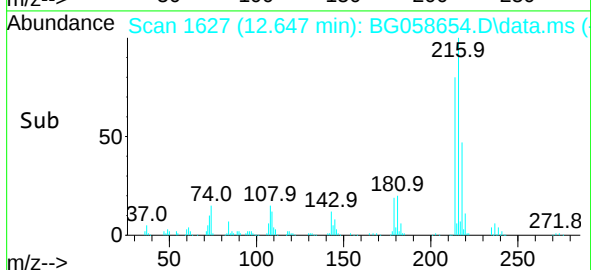
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

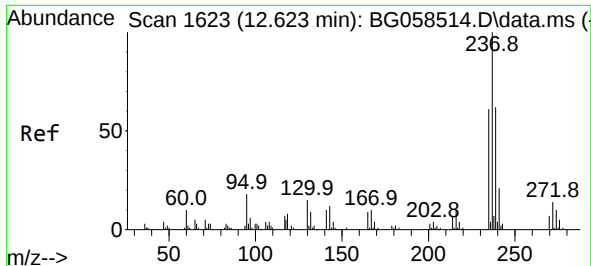


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.362 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



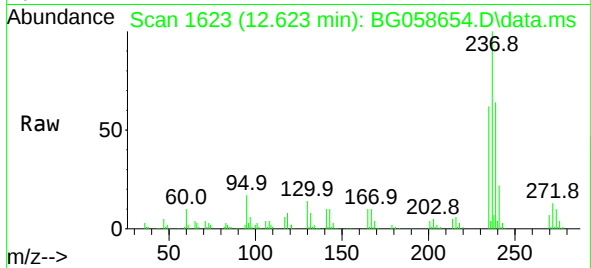
Tgt Ion:216 Resp: 180012
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 19.7 15.6 23.4
108 16.6 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 69.122 ng
RT: 12.623 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

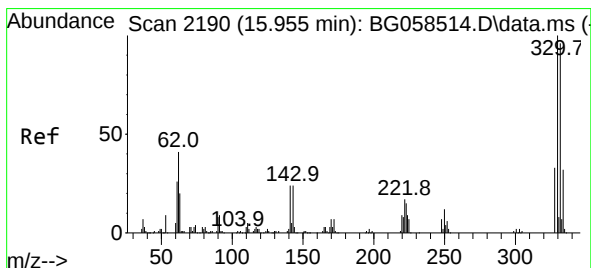
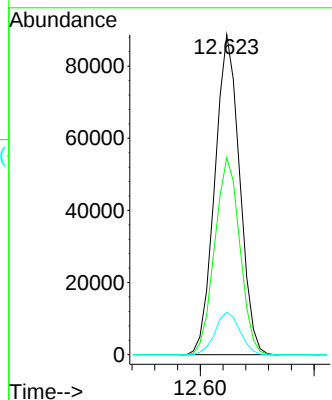
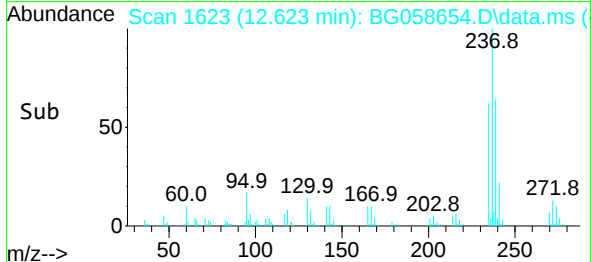
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



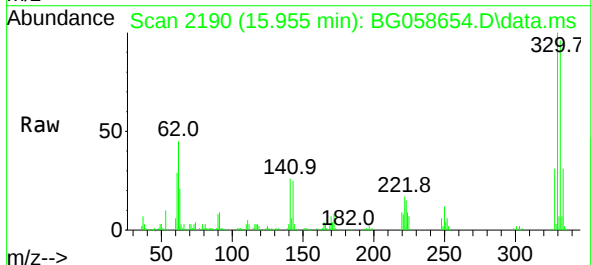
Tgt Ion:237 Resp: 134429
Ion Ratio Lower Upper
237 100
235 61.5 41.0 81.0
272 13.3 0.0 33.6

Manual Integrations
APPROVED

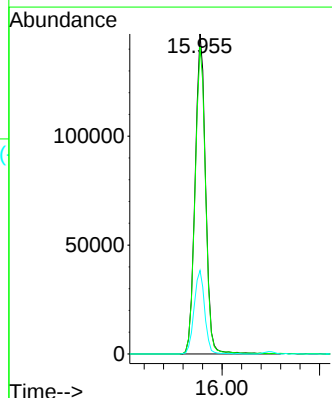
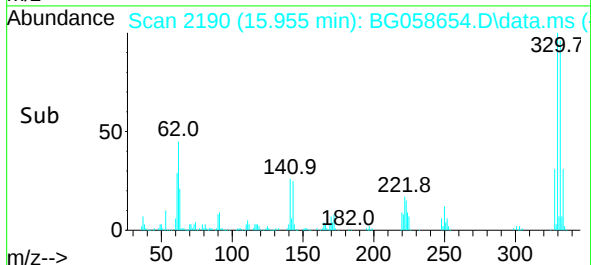
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

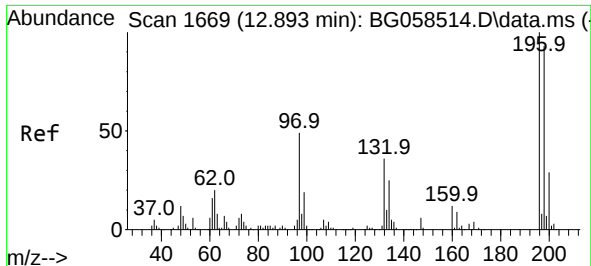


#42
2,4,6-Tribromophenol
Concen: 97.362 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



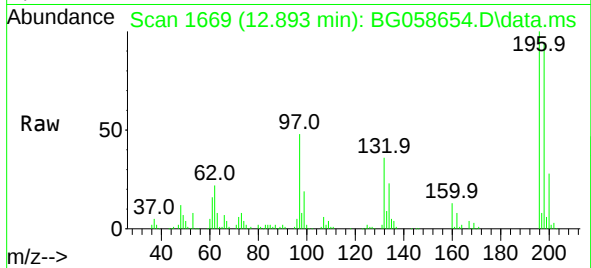
Tgt Ion:330 Resp: 220883
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 26.3 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 45.284 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

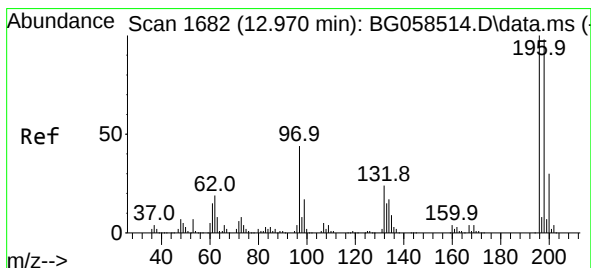
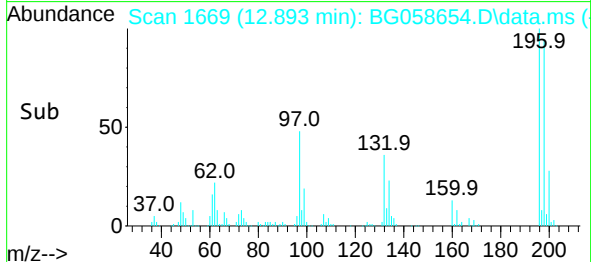
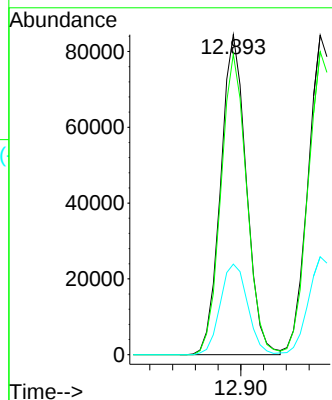
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:196 Resp: 132350
Ion Ratio Lower Upper
196 100
198 93.9 74.2 111.4
200 28.3 22.9 34.3

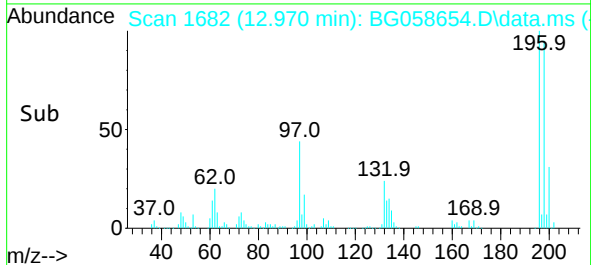
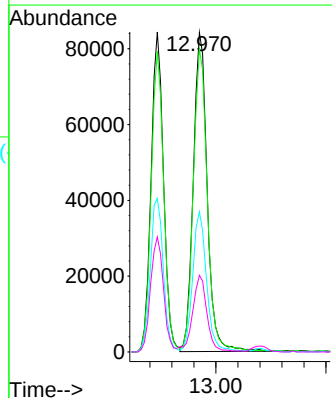
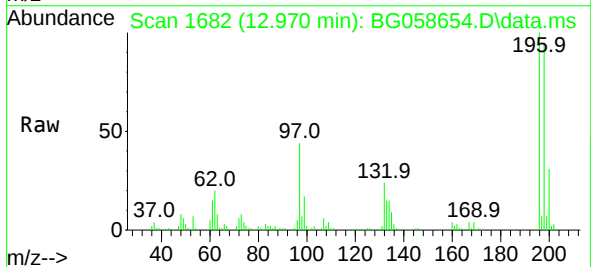
Manual Integrations
APPROVED

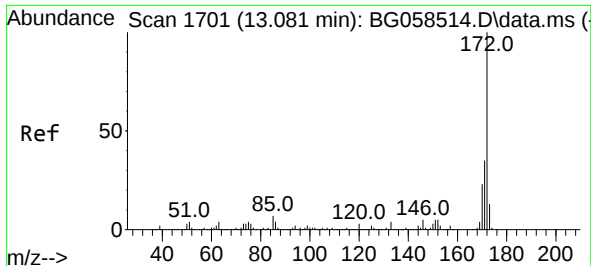
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#44
2,4,5-Trichlorophenol
Concen: 42.951 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

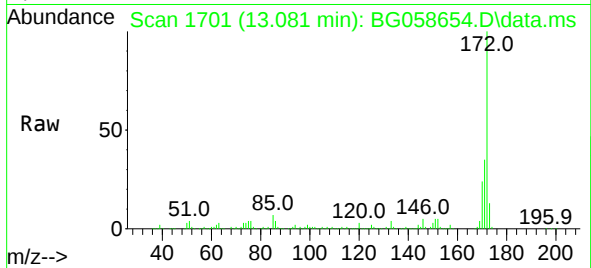
Tgt Ion:196 Resp: 147863
Ion Ratio Lower Upper
196 100
198 94.9 78.3 117.5
97 43.9 35.2 52.8
132 24.0 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 61.271 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

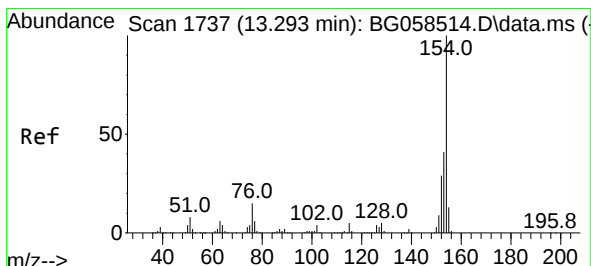
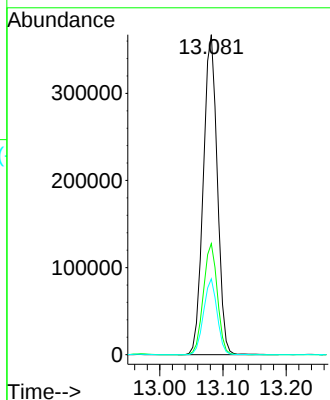
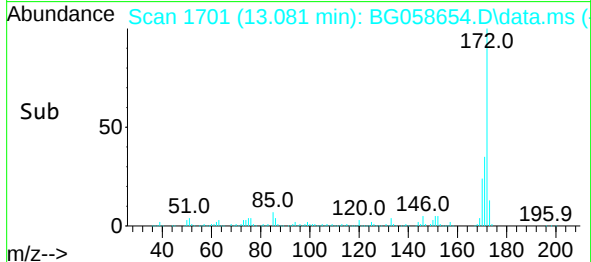
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



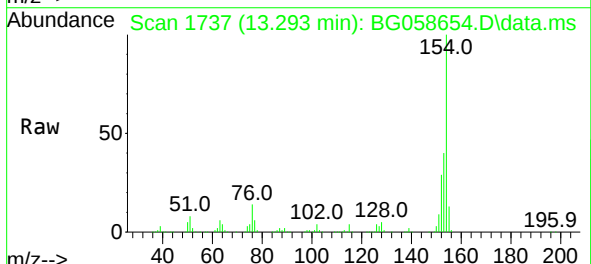
Tgt Ion:172 Resp: 56590
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.7 18.4 27.6

Manual Integrations
APPROVED

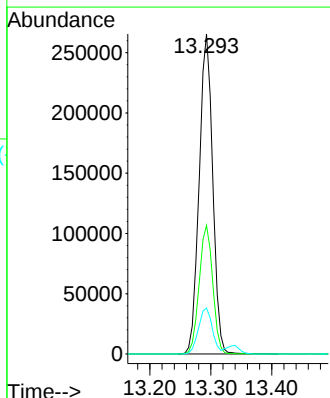
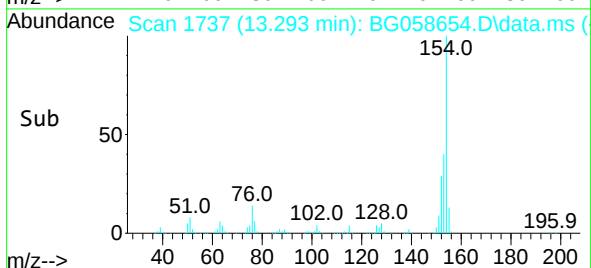
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

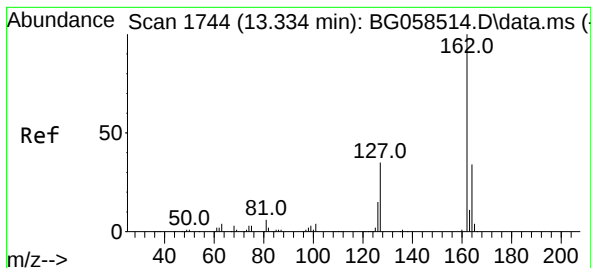


#46
1,1'-Biphenyl
Concen: 43.182 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



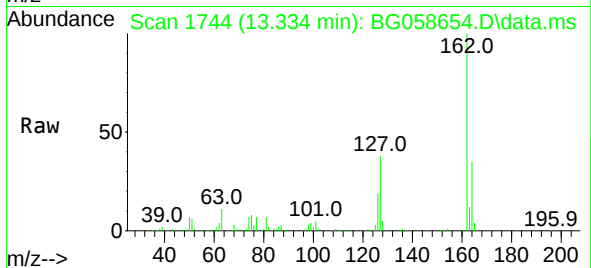
Tgt Ion:154 Resp: 410472
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 14.4 0.0 34.7





#47
2-Chloronaphthalene
Concen: 44.598 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

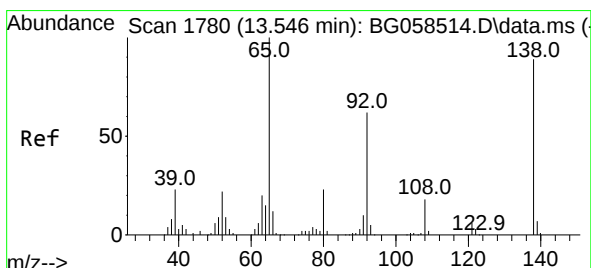
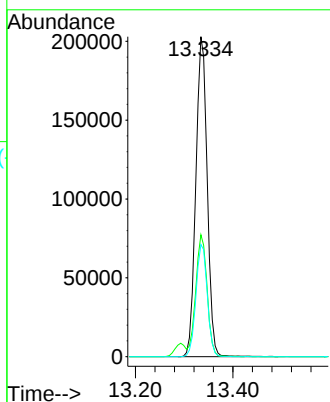
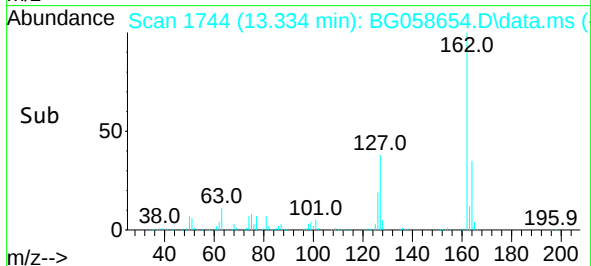
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 330540
Ion Ratio Lower Upper
162 100
127 38.1 30.9 46.3
164 35.0 27.2 40.8

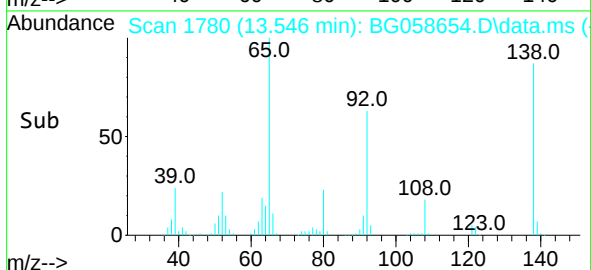
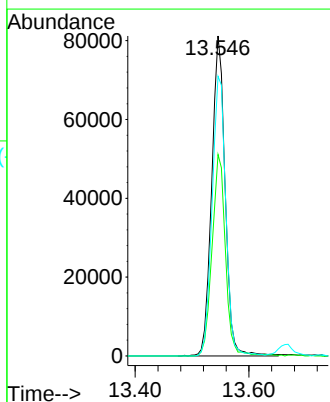
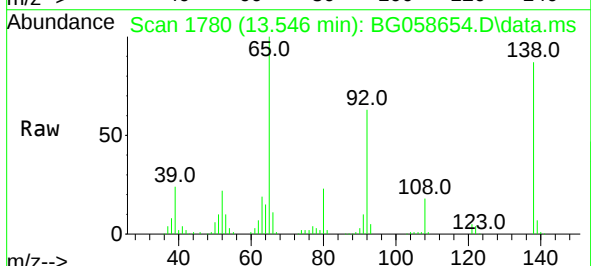
Manual Integrations
APPROVED

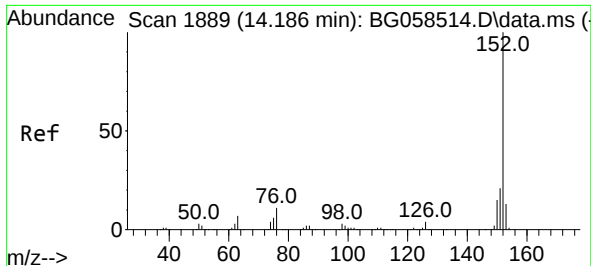
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#48
2-Nitroaniline
Concen: 46.974 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion: 65 Resp: 132885
Ion Ratio Lower Upper
65 100
92 63.0 49.2 73.8
138 87.4 71.5 107.3





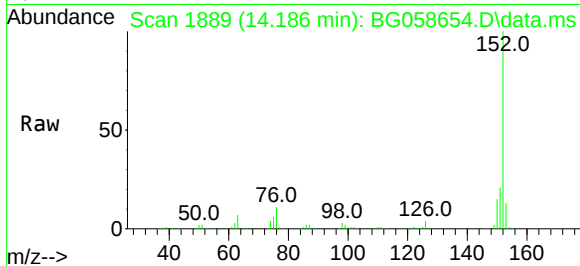
#49
Acenaphthylene
Concen: 44.810 ng
RT: 14.186 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

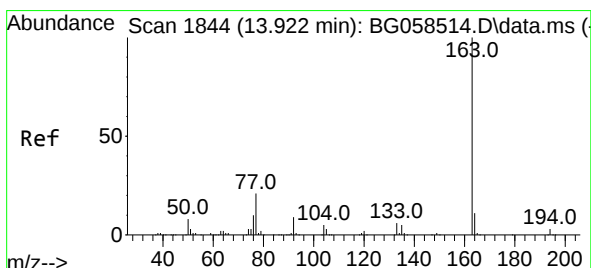
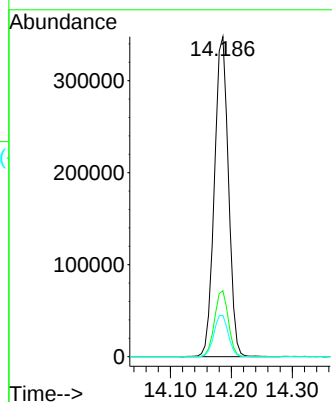
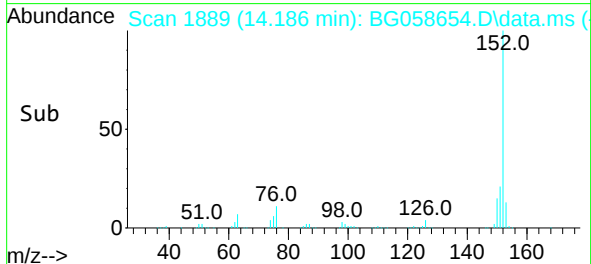


Tgt Ion:152 Resp: 556030
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 12.9 10.7 16.1

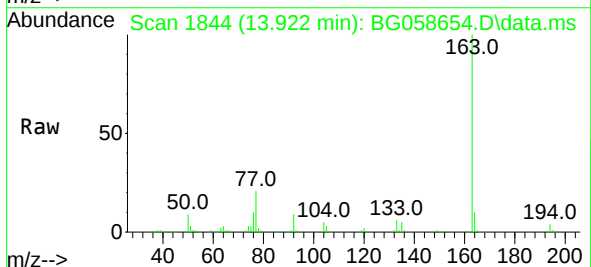
Manual Integrations

APPROVED

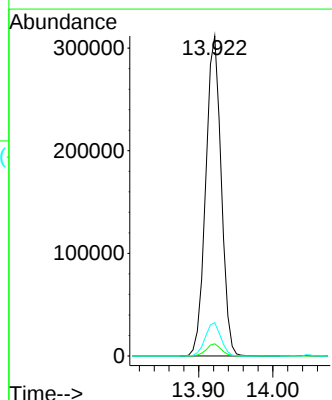
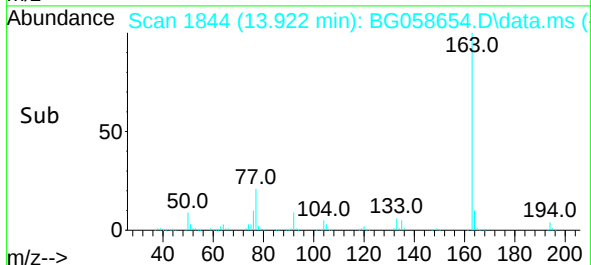
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

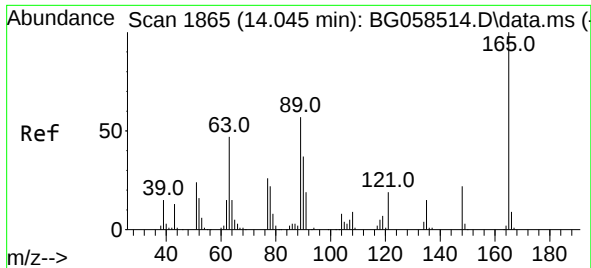


#50
Dimethylphthalate
Concen: 43.399 ng
RT: 13.922 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:163 Resp: 451142
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.6 12.8





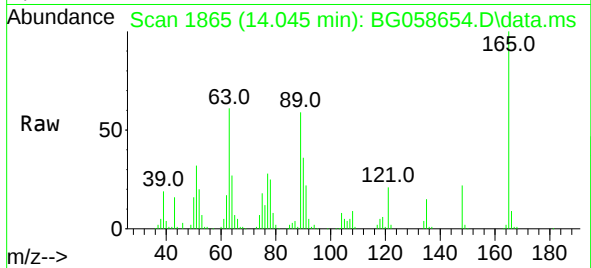
#51
2,6-Dinitrotoluene
Concen: 44.718 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

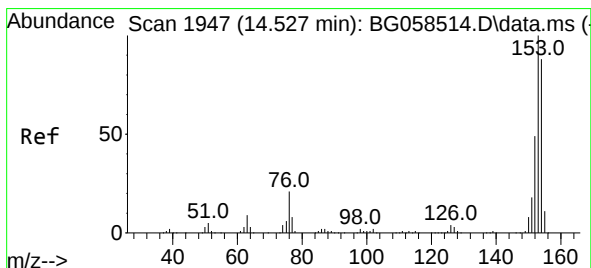
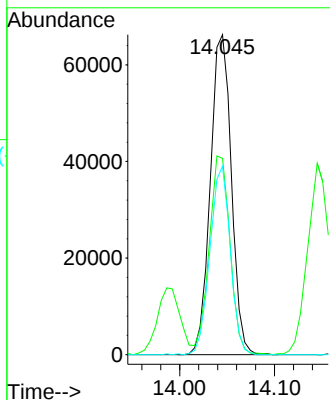
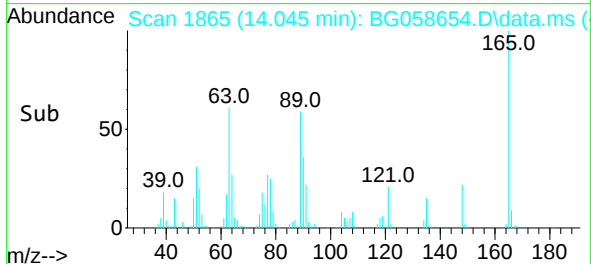


Tgt Ion:165 Resp: 101990
Ion Ratio Lower Upper
165 100
63 61.4 46.4 69.6
89 58.9 45.3 67.9

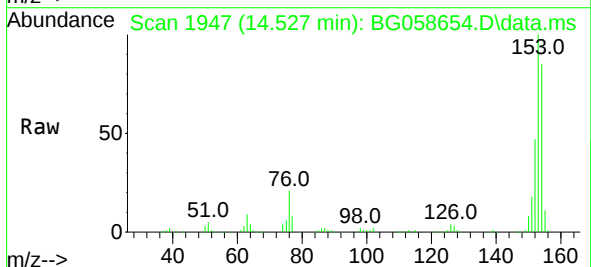
Manual Integrations

APPROVED

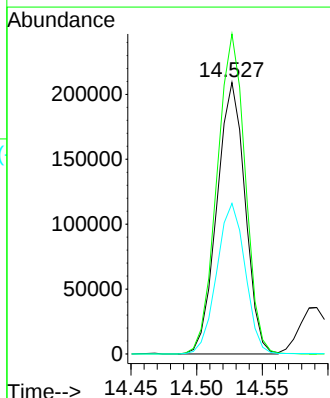
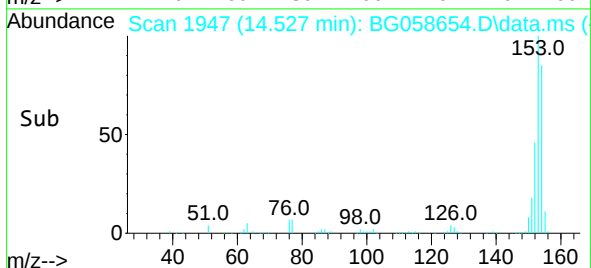
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

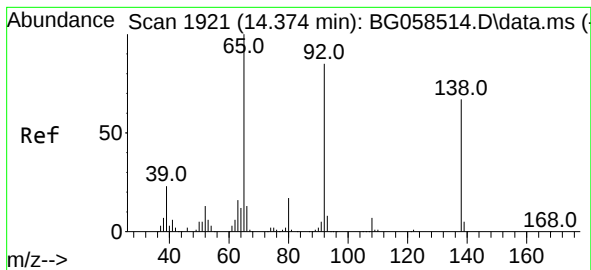


#52
Acenaphthene
Concen: 43.606 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:154 Resp: 312649
Ion Ratio Lower Upper
154 100
153 117.8 91.1 136.7
152 55.4 44.6 66.8





#53
3-Nitroaniline
Concen: 39.871 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

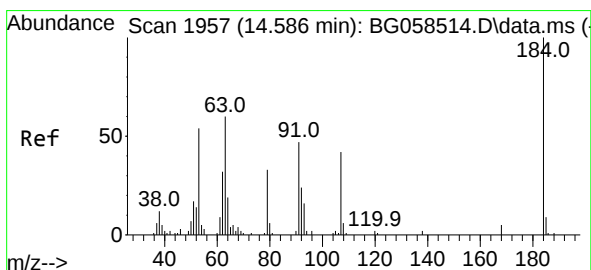
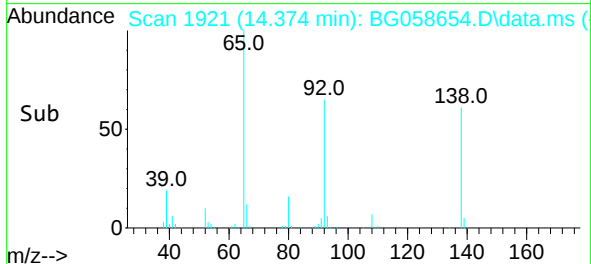
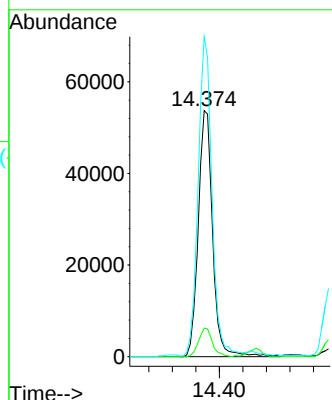
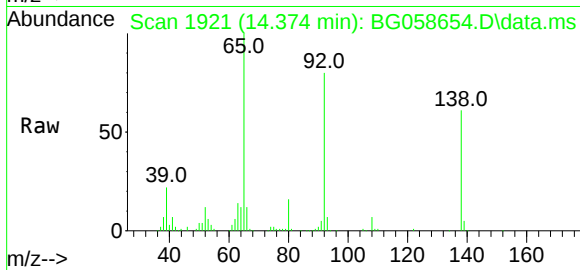
ClientSampleId :

TP-1MSD

Tgt Ion:138 Resp: 90980
Ion Ratio Lower Upper
138 100
108 11.7 8.3 12.5
92 130.0 101.1 151.7

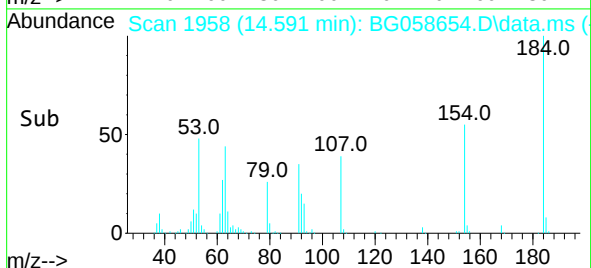
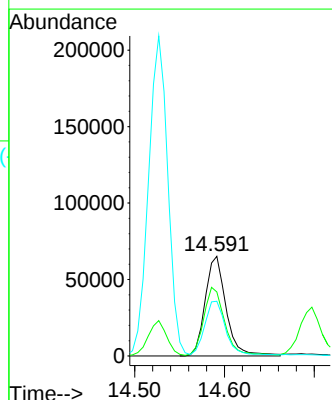
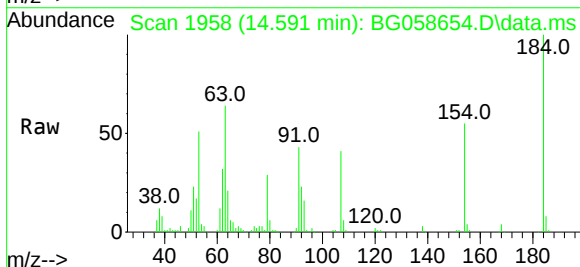
Manual Integrations
APPROVED

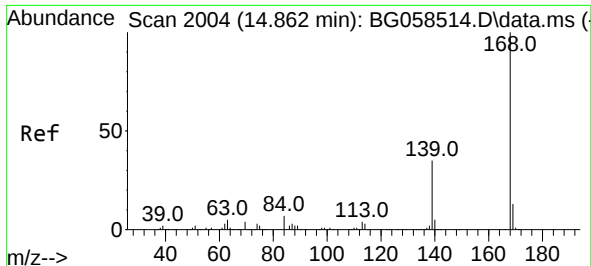
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#54
2,4-Dinitrophenol
Concen: 81.849 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:184 Resp: 105485
Ion Ratio Lower Upper
184 100
63 64.3 56.7 85.1
154 54.8 46.1 69.1





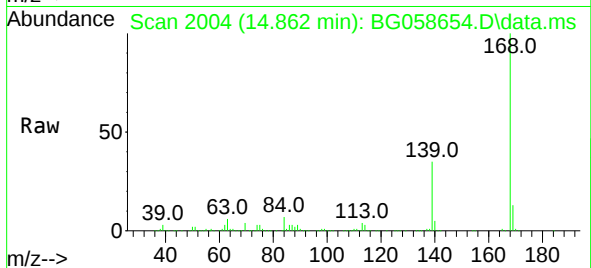
#55
Dibenzofuran
Concen: 44.102 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

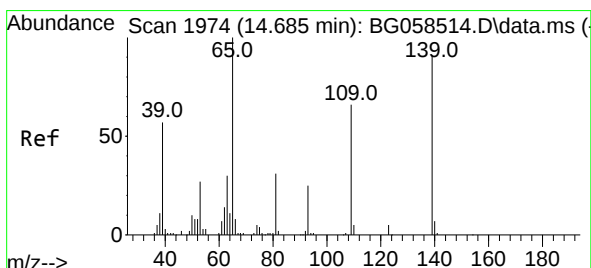
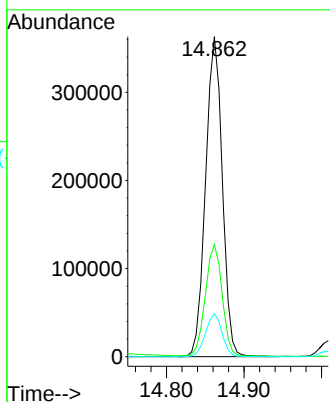
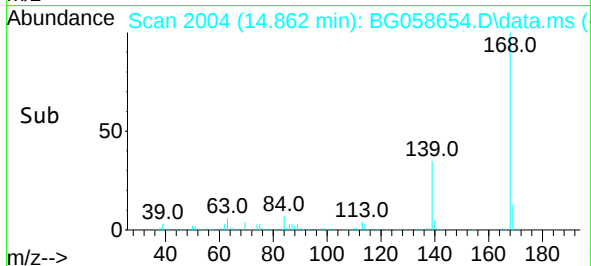


Tgt Ion:168 Resp: 543349
Ion Ratio Lower Upper
168 100
139 35.0 27.8 41.8
169 13.5 10.6 16.0

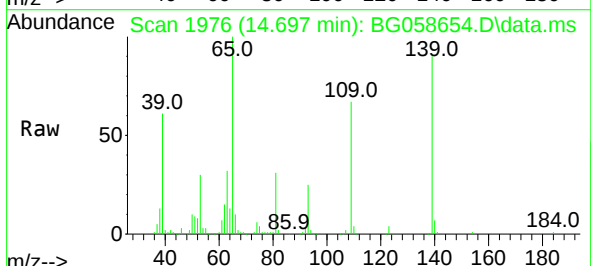
Manual Integrations

APPROVED

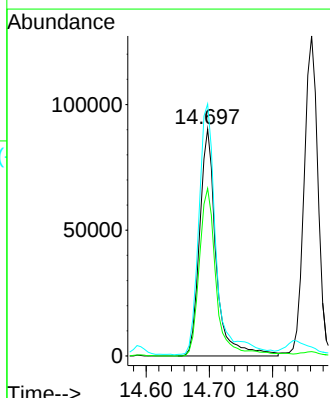
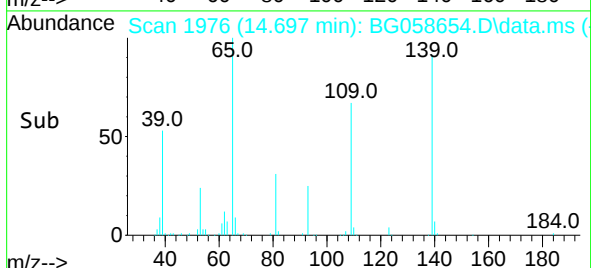
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

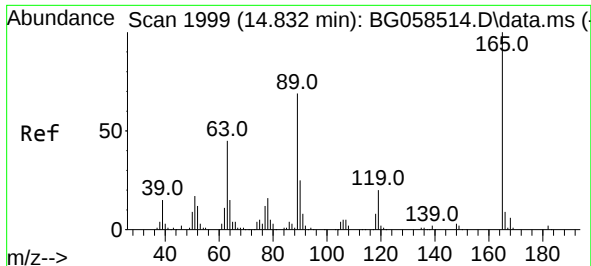


#56
4-Nitrophenol
Concen: 95.908 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:139 Resp: 163343
Ion Ratio Lower Upper
139 100
109 73.9 52.5 92.5
65 111.0 90.5 130.5





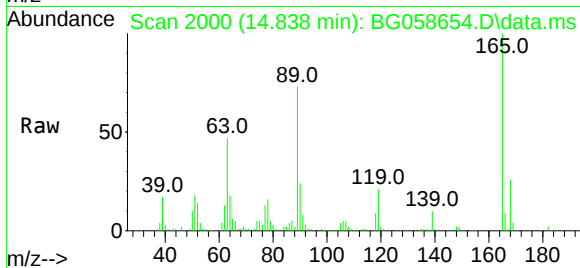
#57
2,4-Dinitrotoluene
Concen: 46.637 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

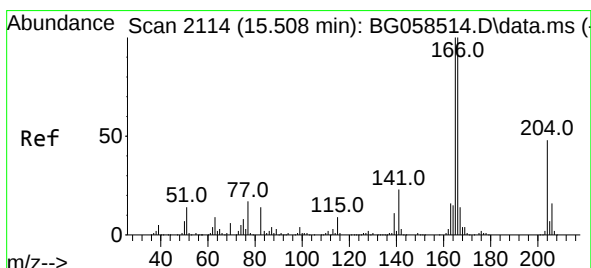
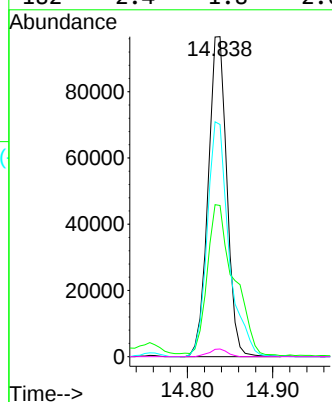
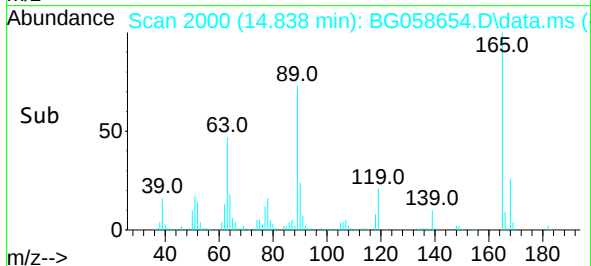


Tgt Ion:165 Resp: 147474
Ion Ratio Lower Upper
165 100
63 47.3 36.6 54.8
89 72.5 55.4 83.0
182 2.4 1.8 2.6

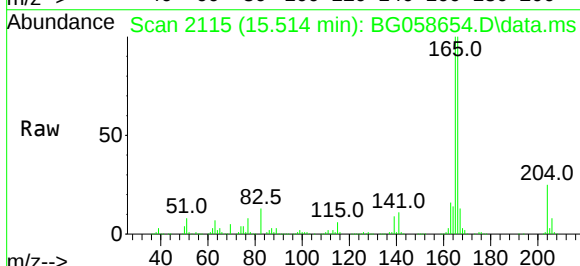
Manual Integrations

APPROVED

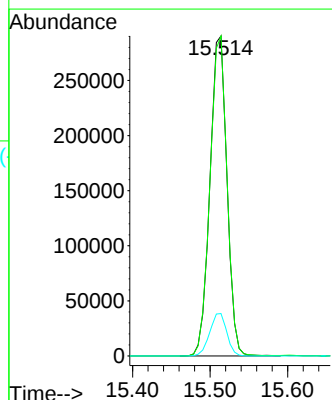
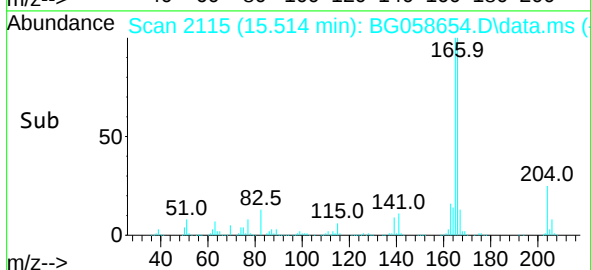
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#58
Fluorene
Concen: 45.259 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:166 Resp: 442965
Ion Ratio Lower Upper
166 100
165 100.0 80.0 120.0
167 13.3 11.3 16.9





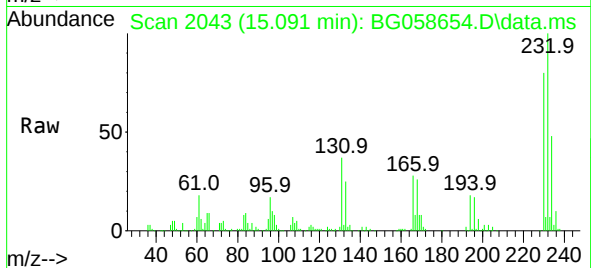
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.150 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

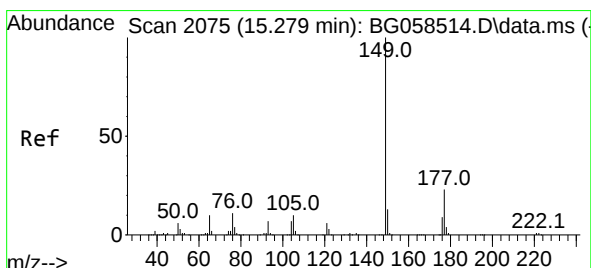
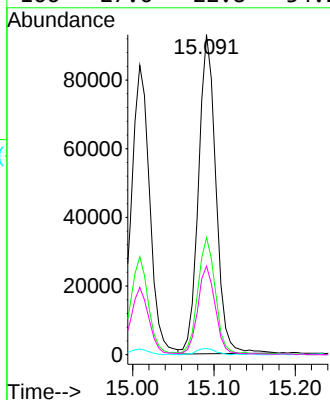
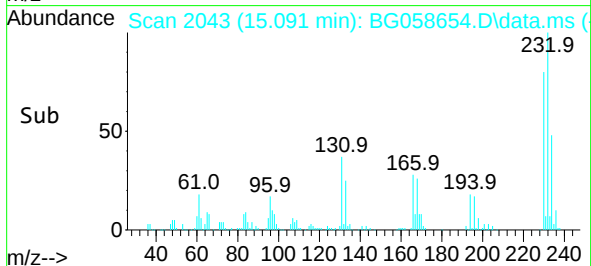


Tgt Ion:232 Resp: 138510
Ion Ratio Lower Upper
232 100
131 36.4 30.0 45.0
130 2.1 1.5 2.3
166 27.6 22.8 34.2

Manual Integrations

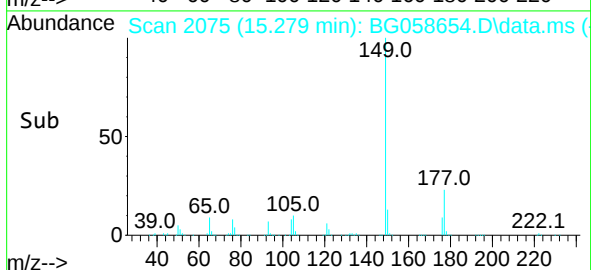
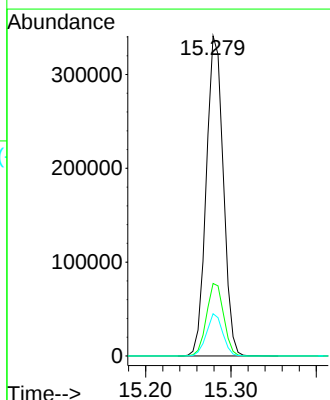
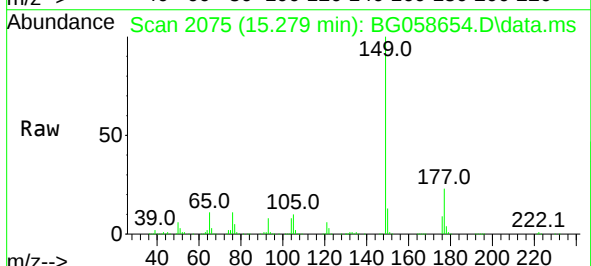
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#60
Diethylphthalate
Concen: 44.450 ng
RT: 15.279 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:149 Resp: 470735
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 13.2 10.2 15.4





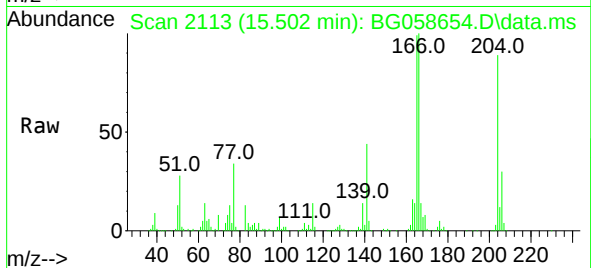
#61
4-Chlorophenyl-phenylether
Concen: 44.816 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

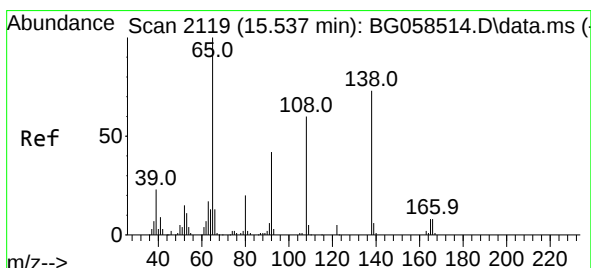
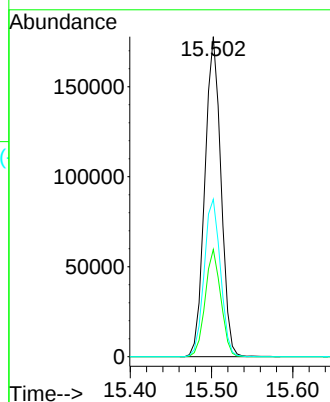
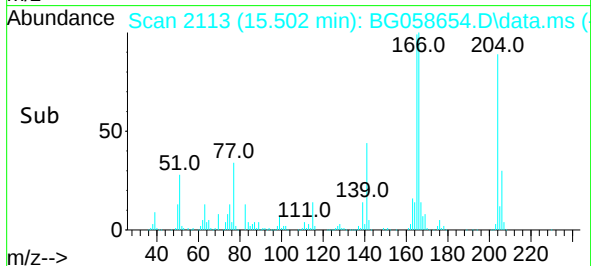


Tgt Ion:204 Resp: 24453
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 49.2 40.8 61.2

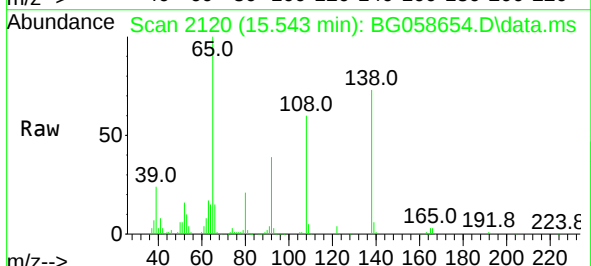
Manual Integrations

APPROVED

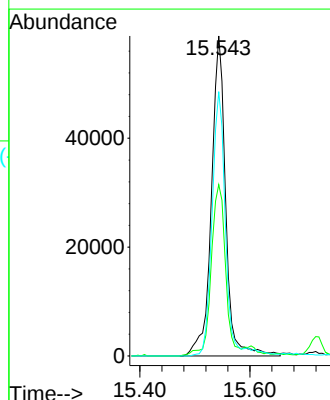
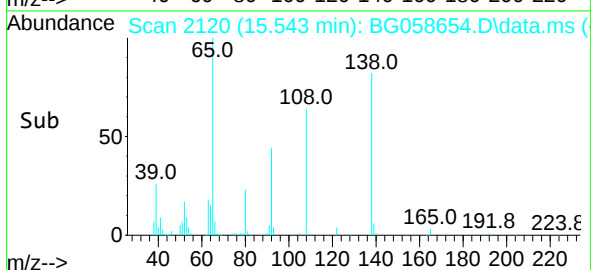
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

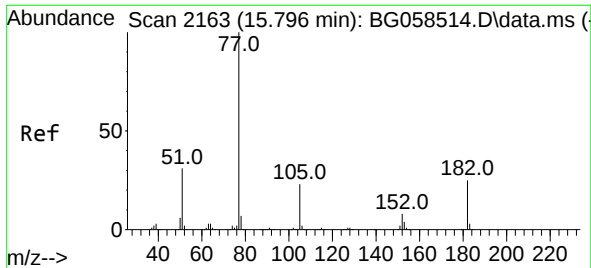


#62
4-Nitroaniline
Concen: 49.026 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



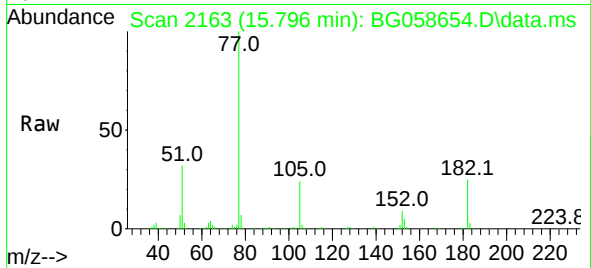
Tgt Ion:138 Resp: 105981
Ion Ratio Lower Upper
138 100
92 53.5 37.3 77.3
108 82.6 62.6 102.6





#63
Azobenzene
Concen: 44.499 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

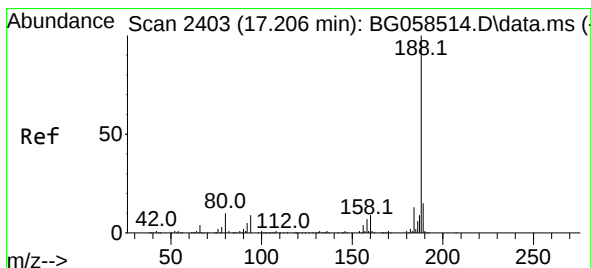
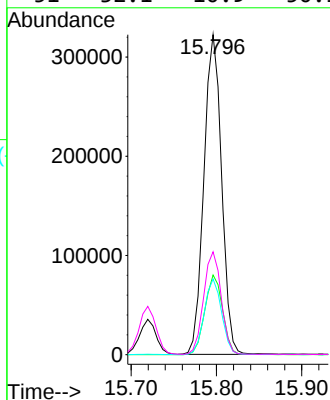
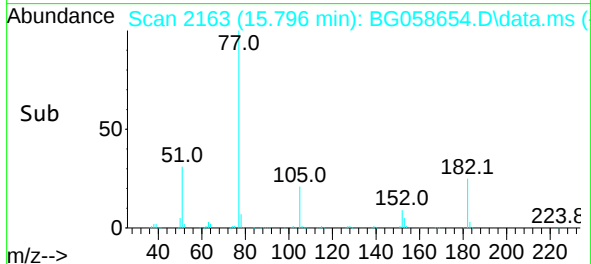
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion: 77 Resp: 46416
Ion Ratio Lower Upper
77 100
182 24.9 4.6 44.6
105 23.6 3.3 43.3
51 32.1 10.9 50.9

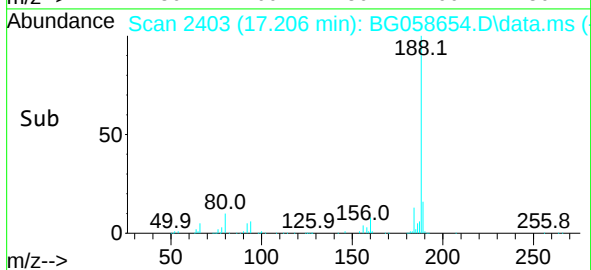
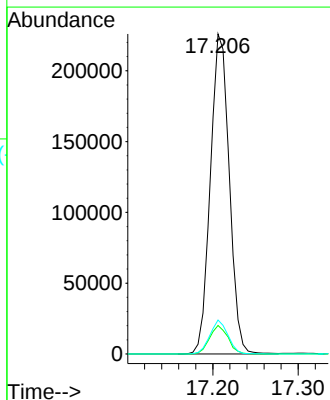
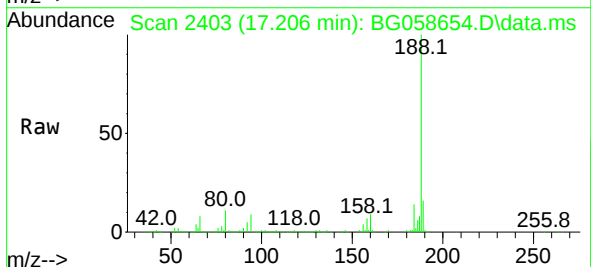
Manual Integrations
APPROVED

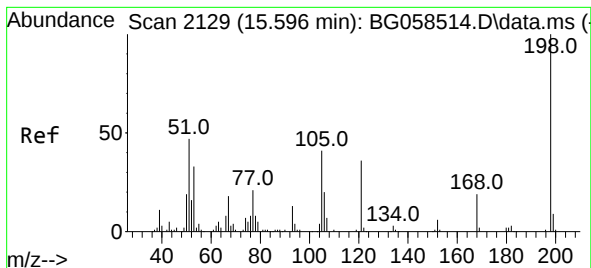
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:188 Resp: 347894
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.6 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 45.589 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

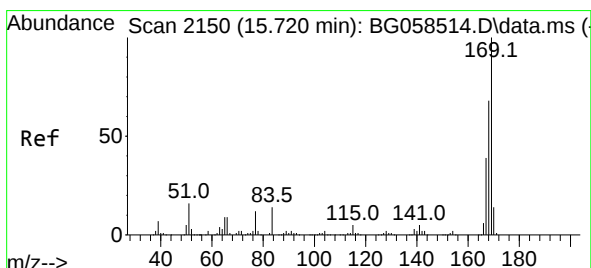
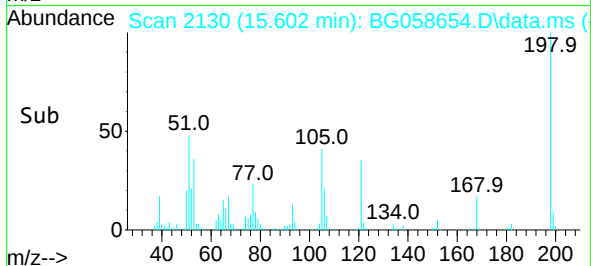
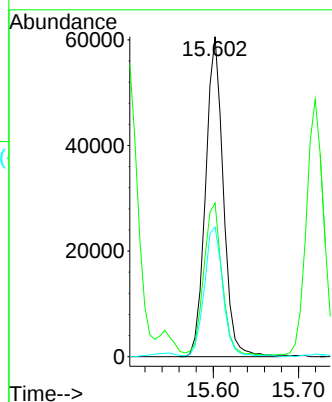
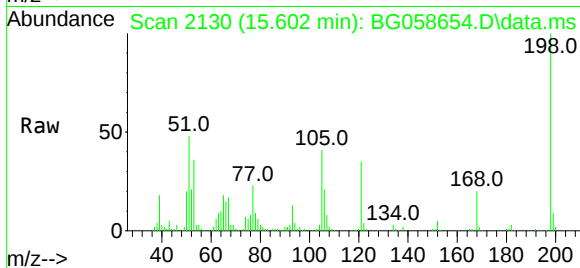
TP-1MSD

Tgt Ion:198 Resp: 87452
Ion Ratio Lower Upper
198 100
51 48.0 29.3 69.3
105 40.5 21.0 61.0

Manual Integrations

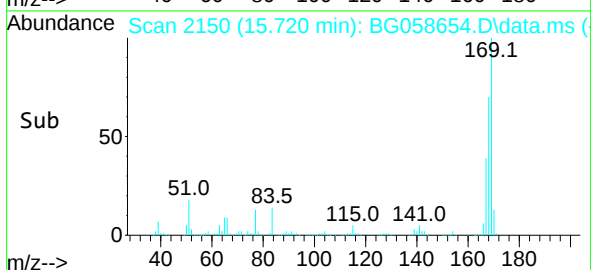
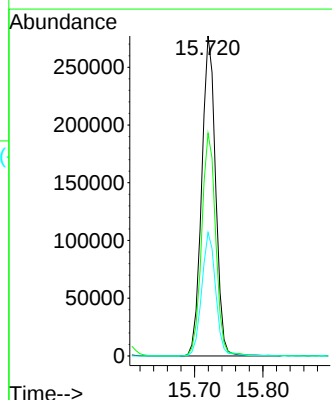
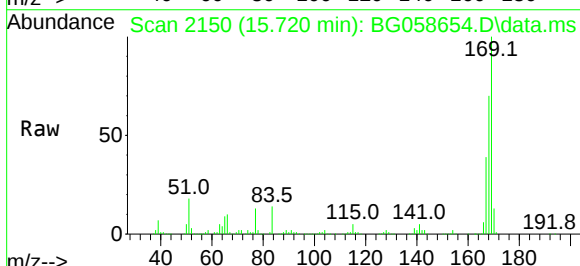
APPROVED

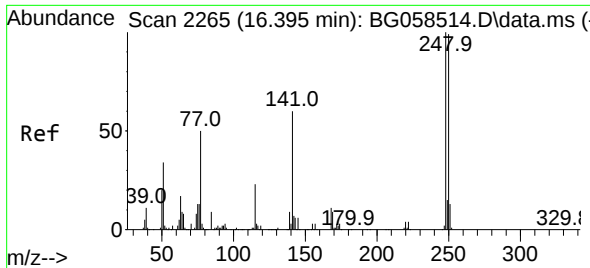
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#66
n-Nitrosodiphenylamine
Concen: 43.386 ng
RT: 15.720 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:169 Resp: 392850
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 38.6 31.3 46.9





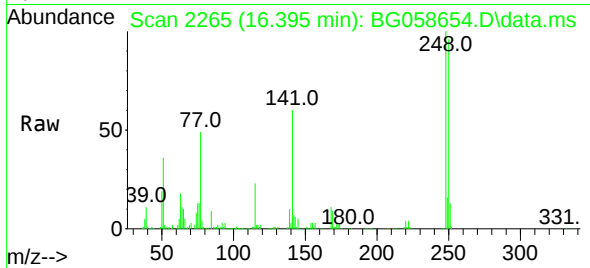
#67
4-Bromophenyl-phenylether
Concen: 43.828 ng
RT: 16.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

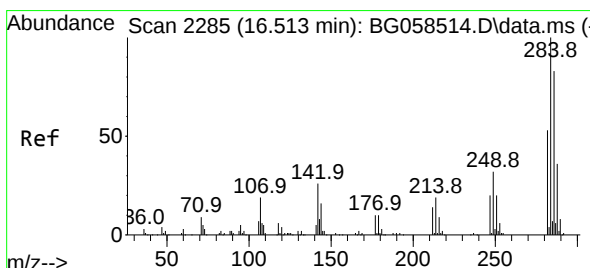
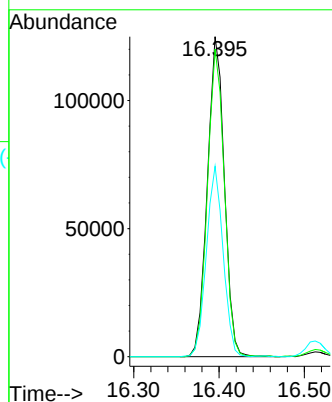
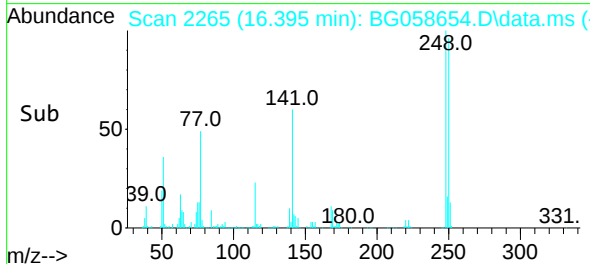


Tgt Ion:248 Resp: 172938
Ion Ratio Lower Upper
248 100
250 96.1 79.5 119.3
141 59.5 48.2 72.2

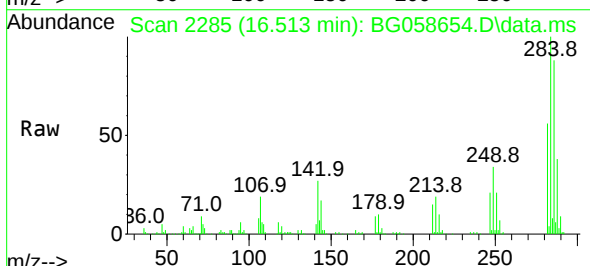
Manual Integrations

APPROVED

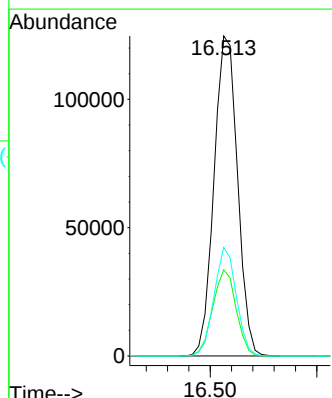
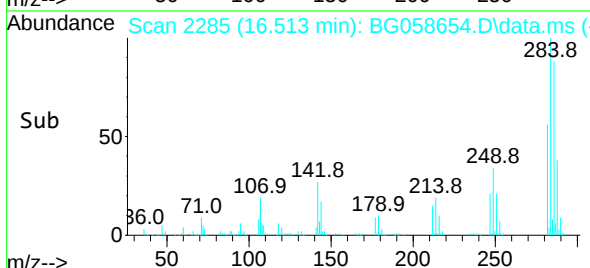
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

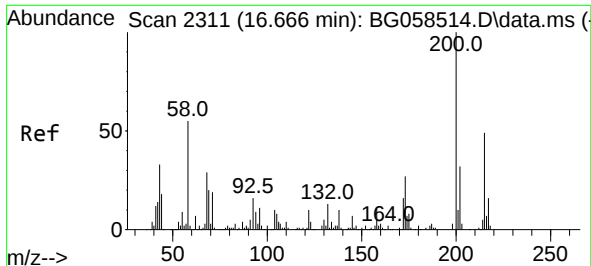


#68
Hexachlorobenzene
Concen: 45.548 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



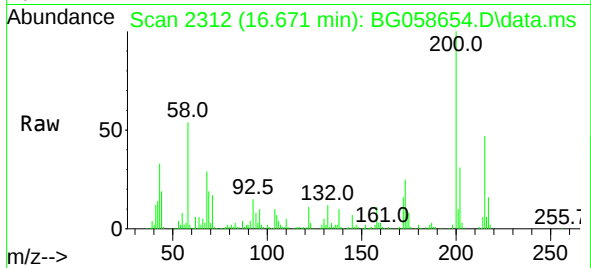
Tgt Ion:284 Resp: 190448
Ion Ratio Lower Upper
284 100
142 26.9 21.0 31.4
249 34.0 25.5 38.3





#69
 Atrazine
 Concen: 53.453 ng
 RT: 16.671 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

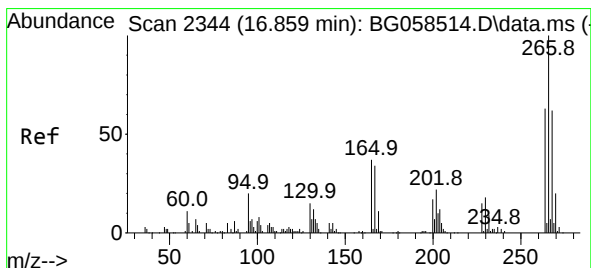
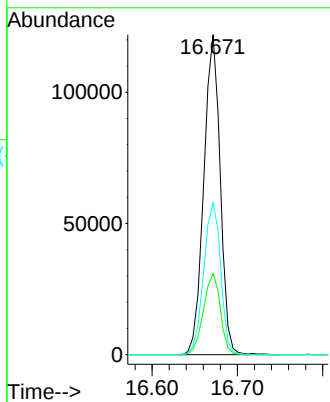
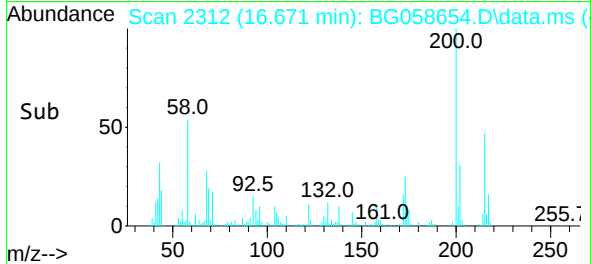
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



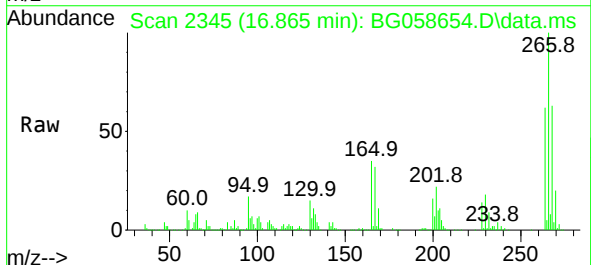
Tgt Ion:200 Resp: 163389
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.5 46.5
 215 47.3 28.9 68.9

Manual Integrations
 APPROVED

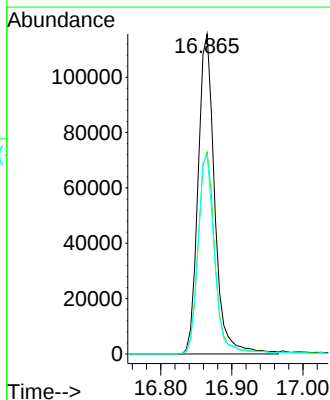
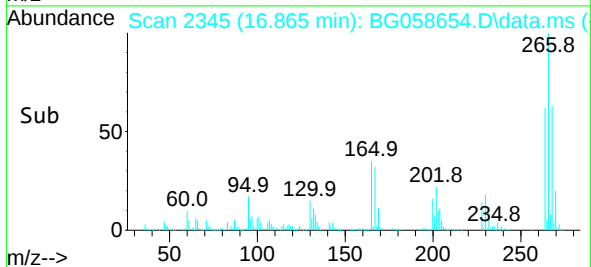
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/10/2023

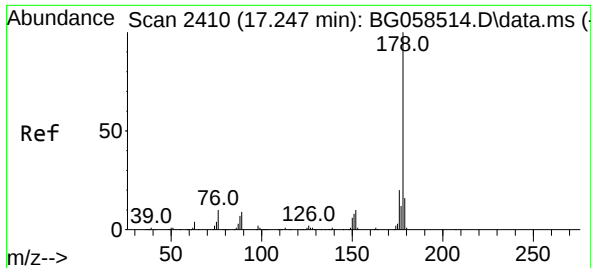


#70
 Pentachlorophenol
 Concen: 74.252 ng
 RT: 16.865 min Scan# 2345
 Delta R.T. 0.006 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35



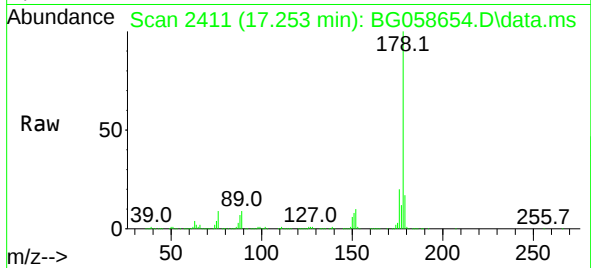
Tgt Ion:266 Resp: 187919
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.9 74.9
 264 62.2 50.2 75.4





#71
Phenanthrene
Concen: 43.865 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

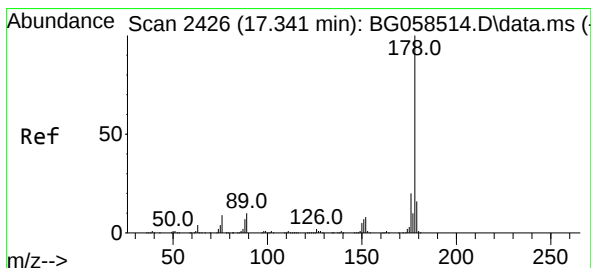
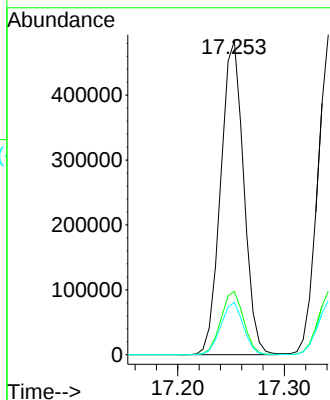
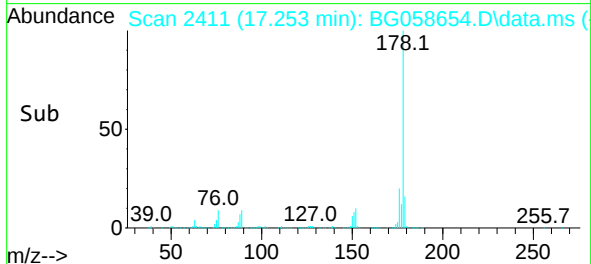
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



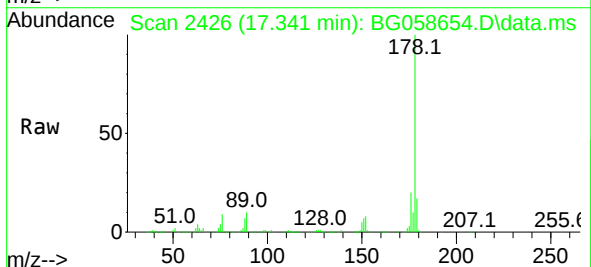
Tgt Ion:178 Resp: 723718
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 16.7 13.1 19.7

Manual Integrations
APPROVED

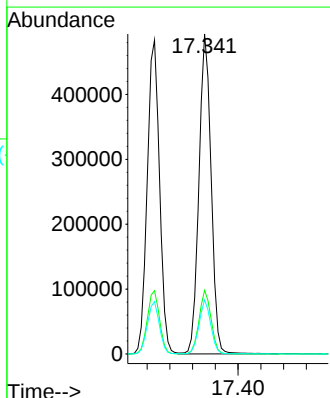
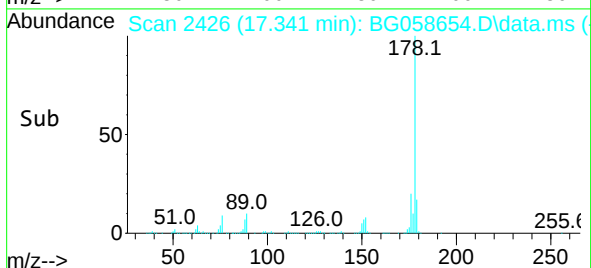
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023

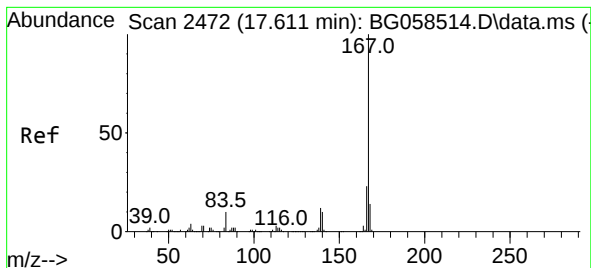


#72
Anthracene
Concen: 43.315 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35



Tgt Ion:178 Resp: 733270
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.9 12.9 19.3





#73

Carbazole

Concen: 45.811 ng

RT: 17.617 min Scan# 24

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:167 Resp: 68388

Ion Ratio Lower Upper

167 100

166 23.2 18.4 27.6

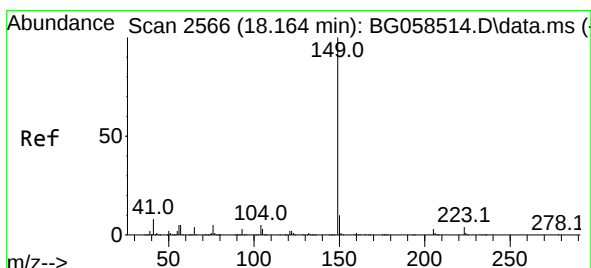
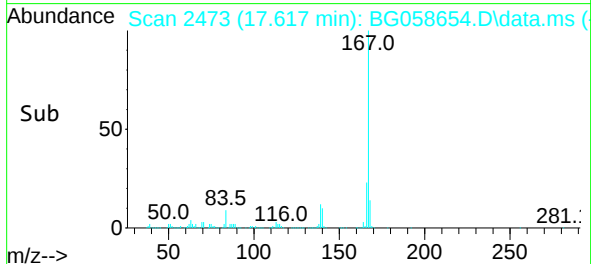
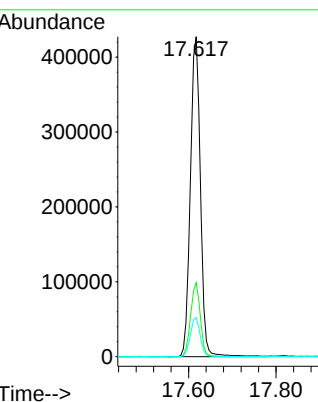
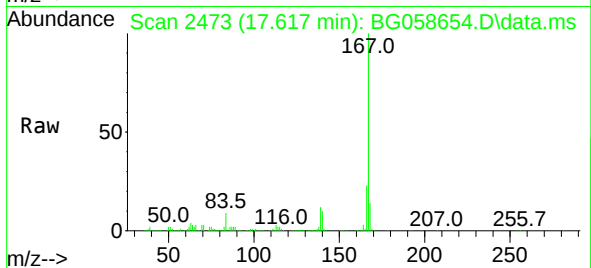
139 12.2 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#74

Di-n-butylphthalate

Concen: 44.911 ng

RT: 18.170 min Scan# 2567

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

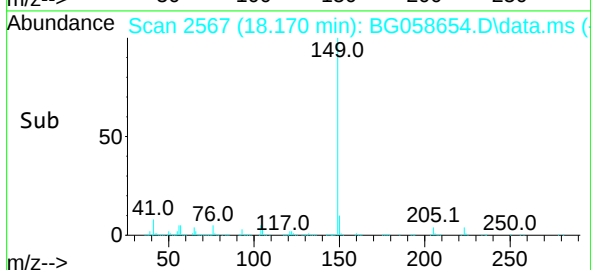
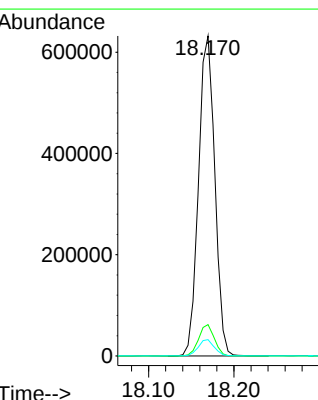
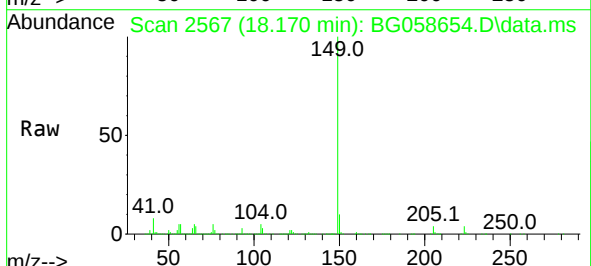
Tgt Ion:149 Resp: 839763

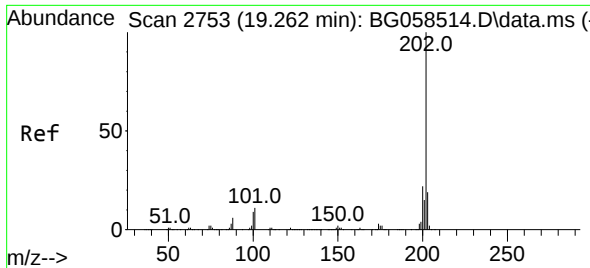
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

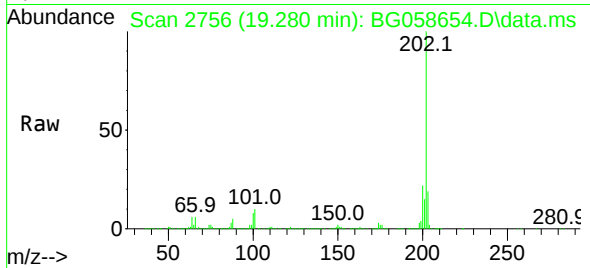
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 42.860 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.018 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

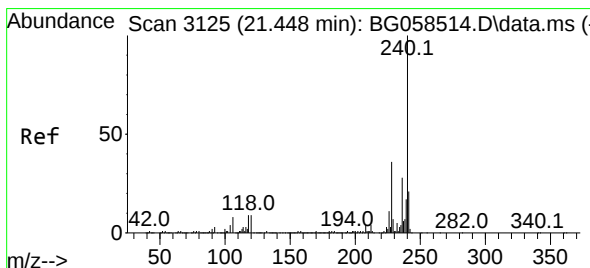
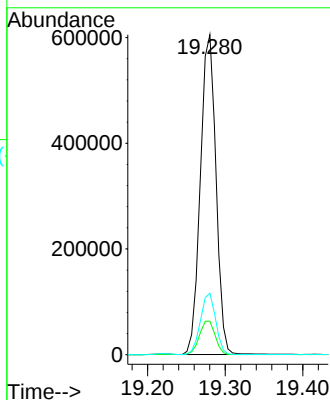
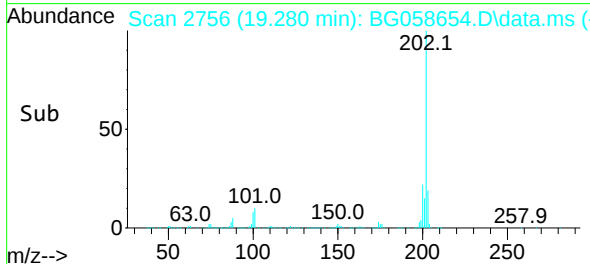
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:202 Resp: 84942
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 19.2 0.0 39.0

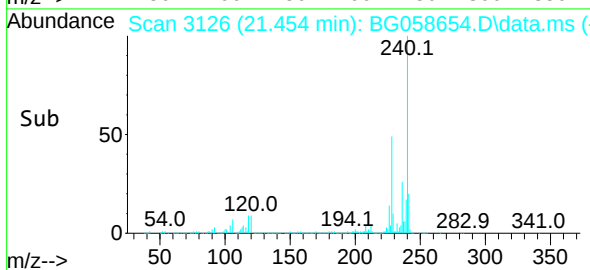
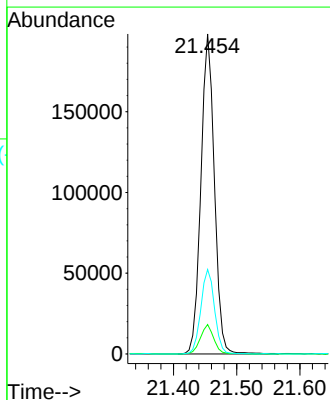
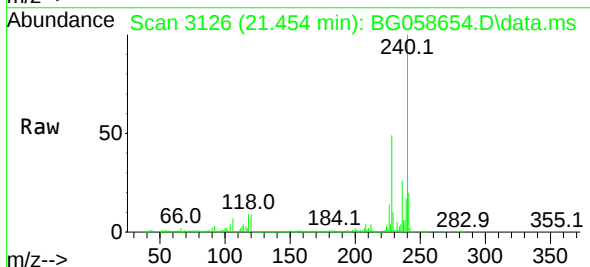
Manual Integrations
APPROVED

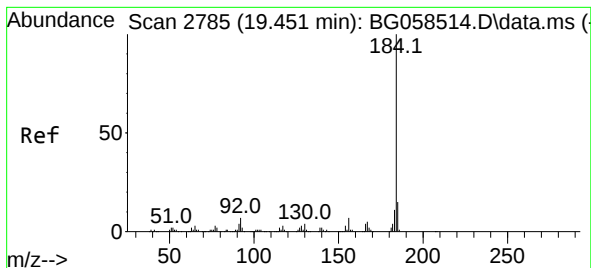
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:240 Resp: 293934
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.4 22.2 33.4





#77

Benzidine

Concen: 46.114 ng

RT: 19.456 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:184 Resp: 20554

Ion Ratio Lower Upper

184 100

185 14.8 11.9 17.9

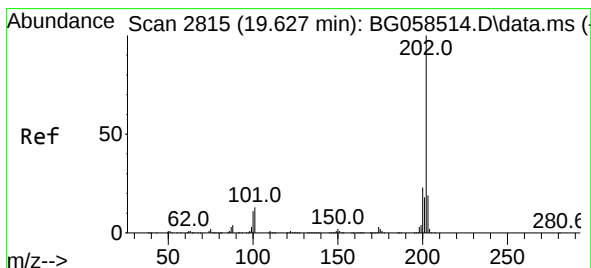
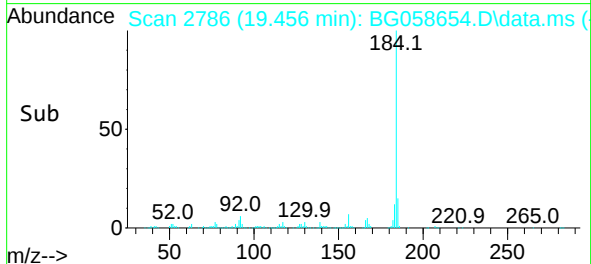
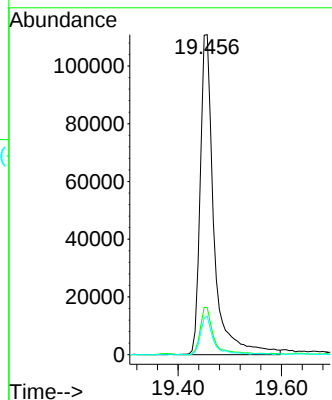
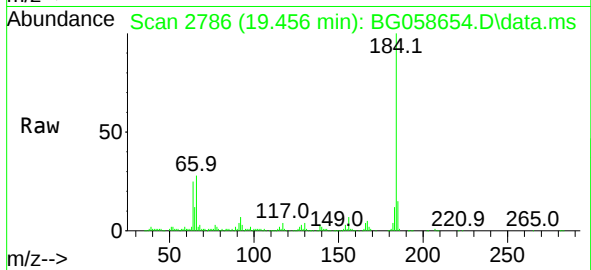
183 12.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#78

Pyrene

Concen: 44.785 ng

RT: 19.633 min Scan# 2816

Delta R.T. 0.006 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

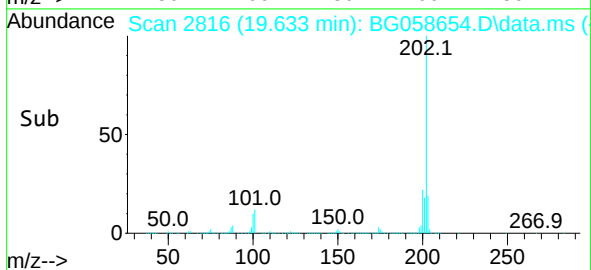
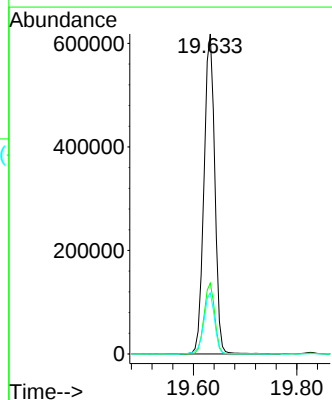
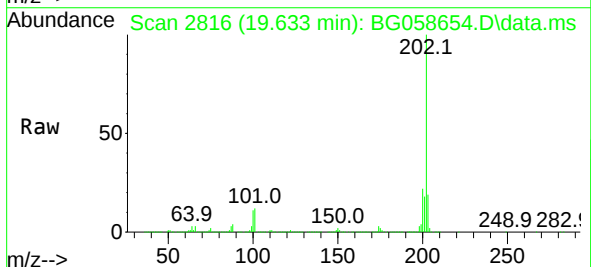
Tgt Ion:202 Resp: 895872

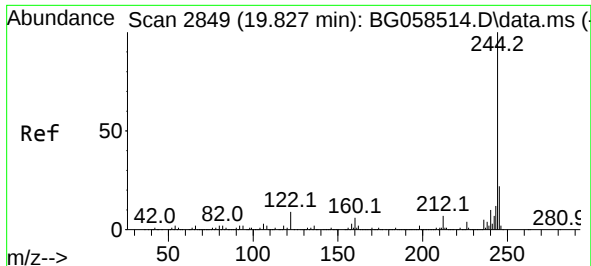
Ion Ratio Lower Upper

202 100

200 22.1 18.2 27.2

203 19.1 15.1 22.7





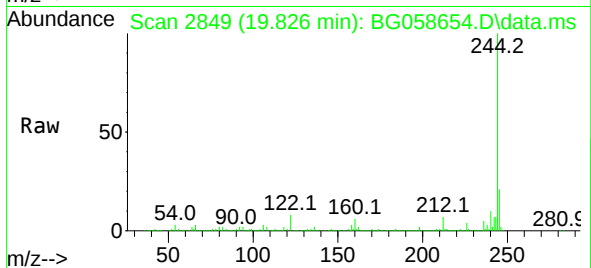
#79
 Terphenyl-d14
 Concen: 70.376 ng
 RT: 19.826 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

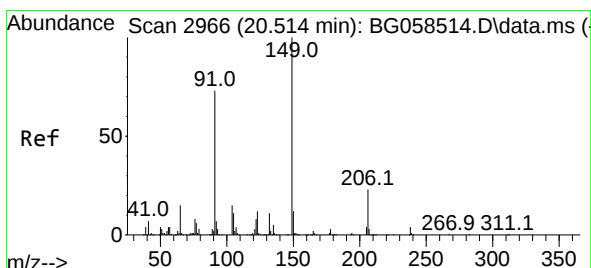
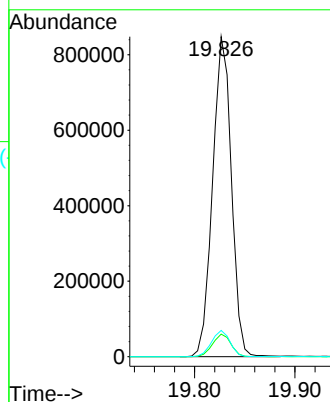
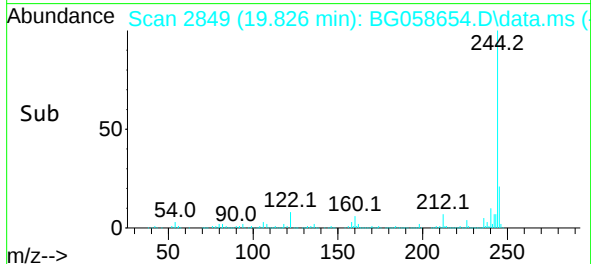


Tgt Ion:244 Resp: 110000
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.2 6.8 10.2

Manual Integrations

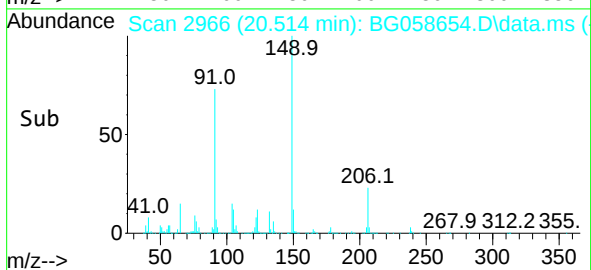
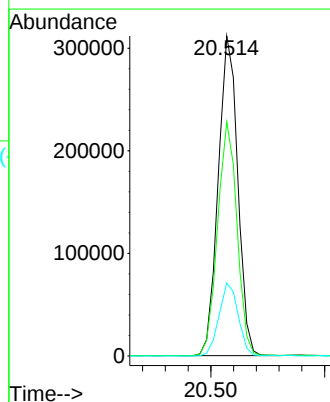
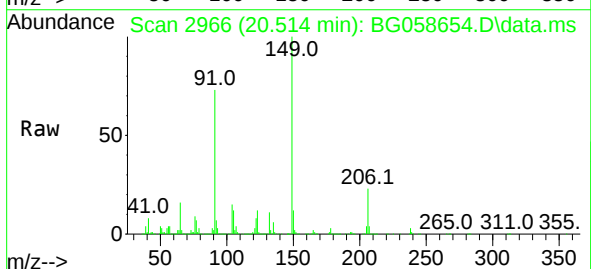
APPROVED

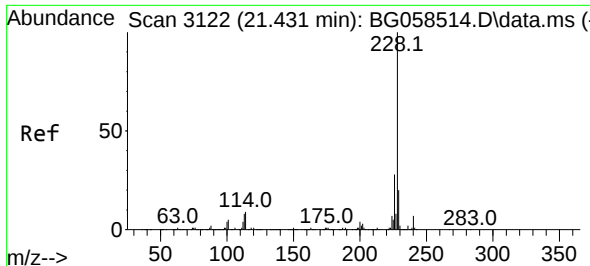
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/10/2023



#80
 Butylbenzylphthalate
 Concen: 45.257 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

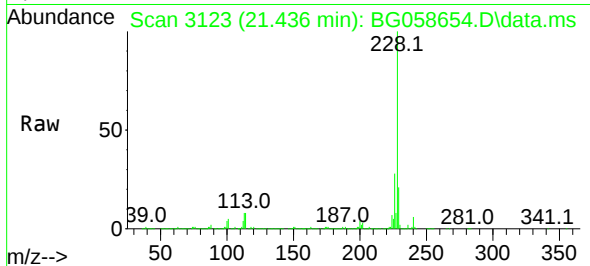
Tgt Ion:149 Resp: 371866
 Ion Ratio Lower Upper
 149 100
 91 73.1 58.4 87.6
 206 22.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.436 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

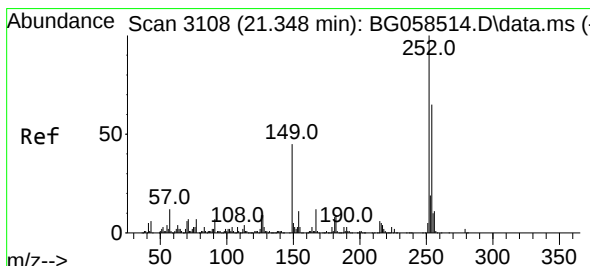
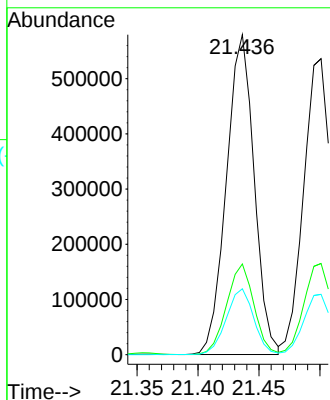
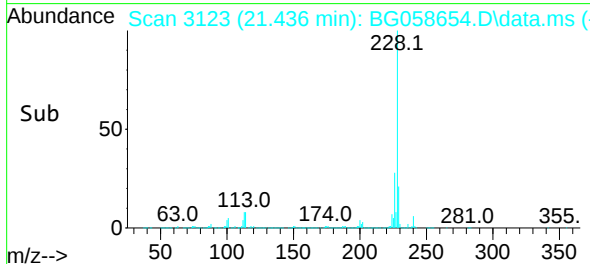
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:228 Resp: 920329
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.6 16.3 24.5

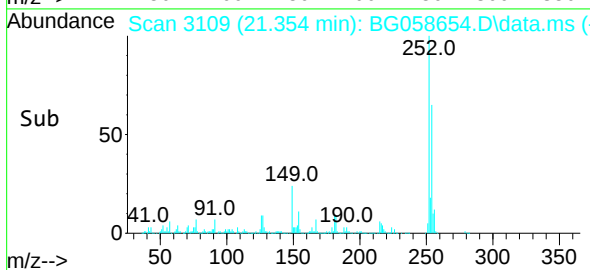
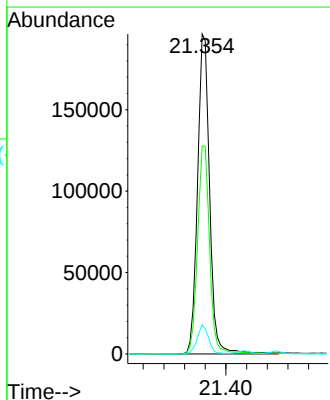
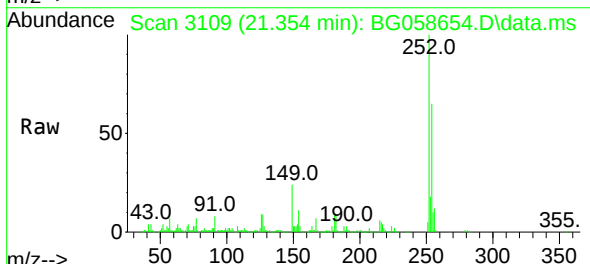
Manual Integrations
APPROVED

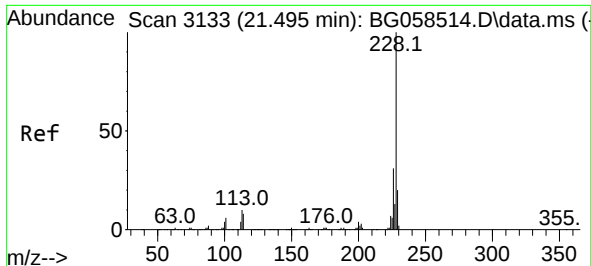
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#82
3,3'-Dichlorobenzidine
Concen: 46.486 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

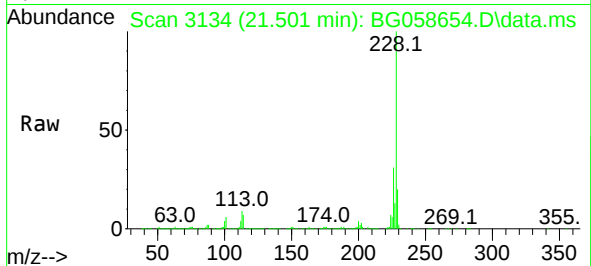
Tgt Ion:252 Resp: 317932
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.4
126 9.2 7.2 10.8





#83
Chrysene
Concen: 44.006 ng
RT: 21.501 min Scan# 3133
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

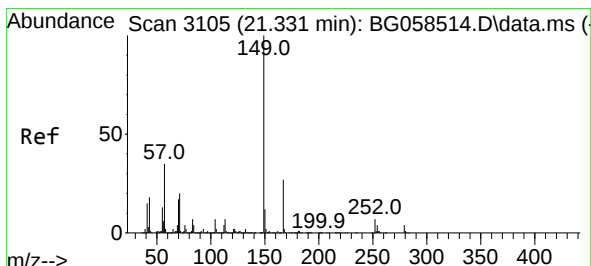
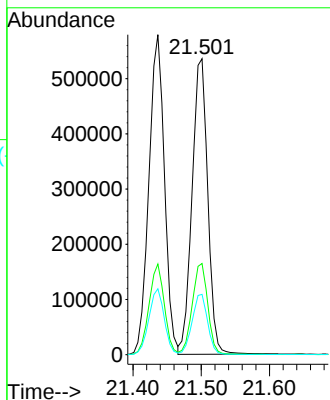
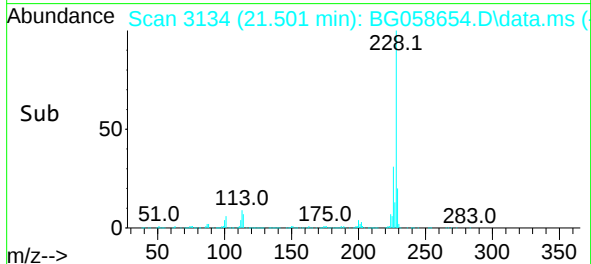
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:228 Resp: 853489
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.4 16.3 24.5

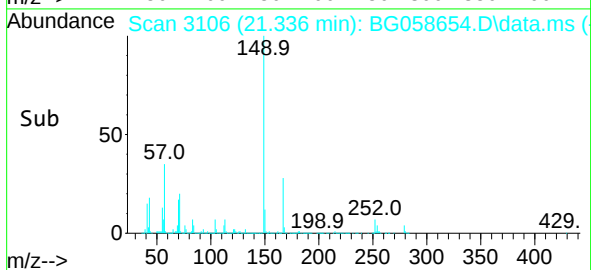
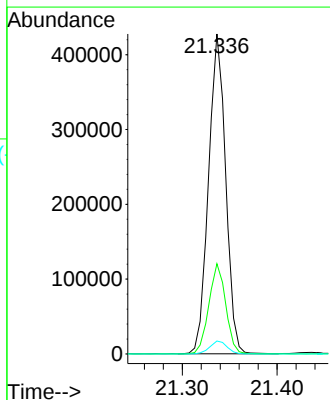
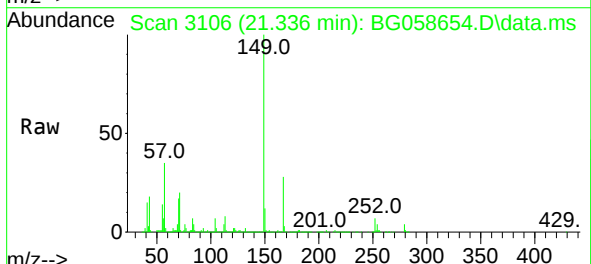
Manual Integrations
APPROVED

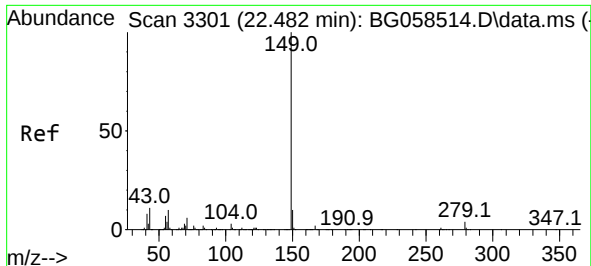
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.721 ng
RT: 21.336 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

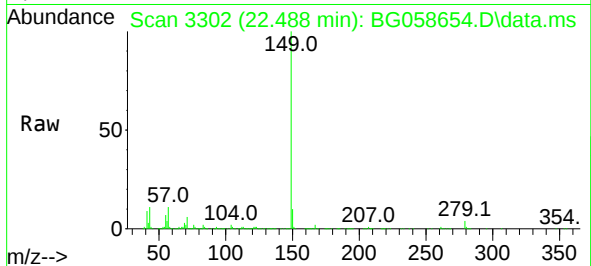
Tgt Ion:149 Resp: 536989
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 45.239 ng
RT: 22.488 min Scan# 3301
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

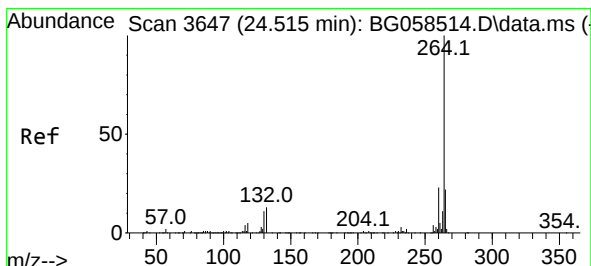
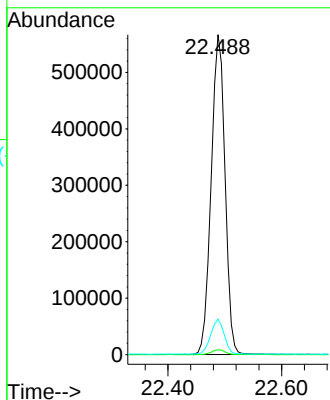
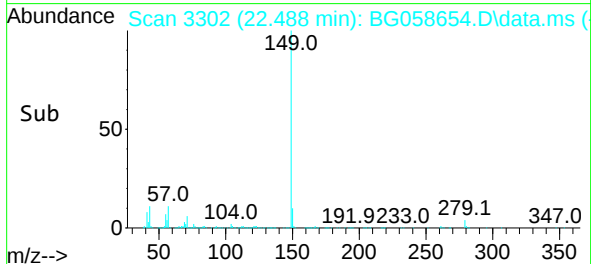
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:149 Resp: 95501
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.2 12.2

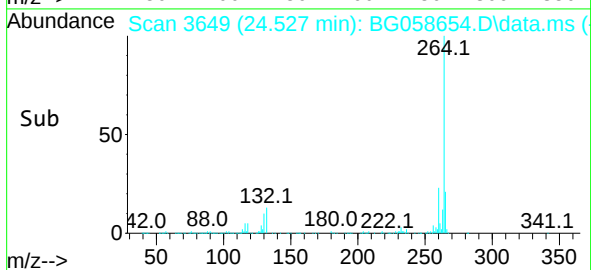
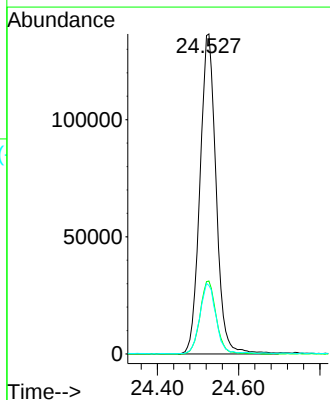
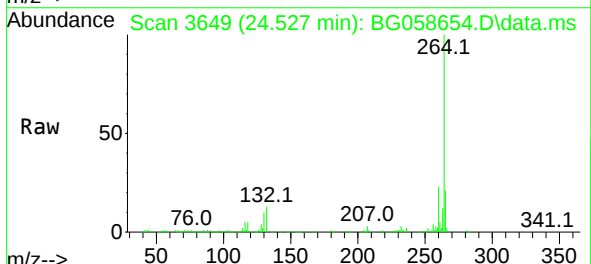
Manual Integrations
APPROVED

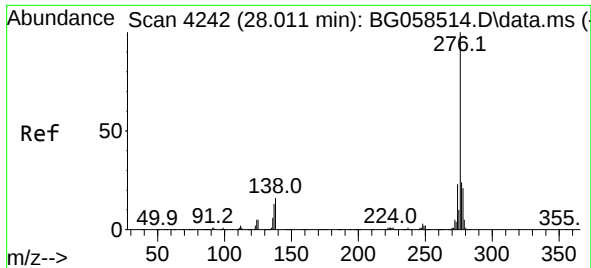
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.527 min Scan# 3649
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

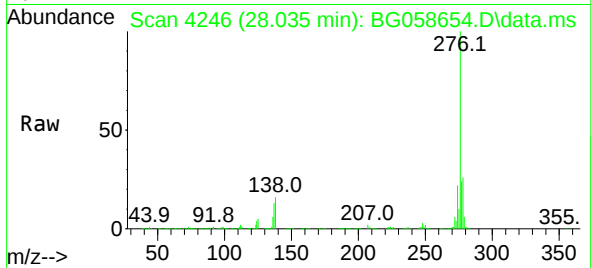
Tgt Ion:264 Resp: 376908
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 21.4 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.841 ng
 RT: 28.035 min Scan# 4246
 Delta R.T. 0.023 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35

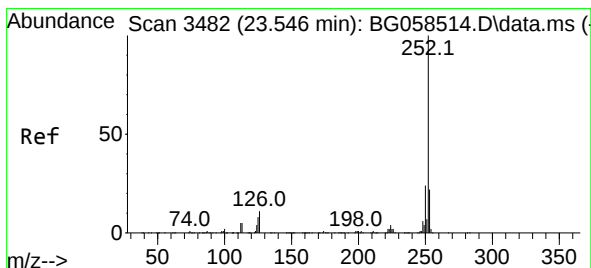
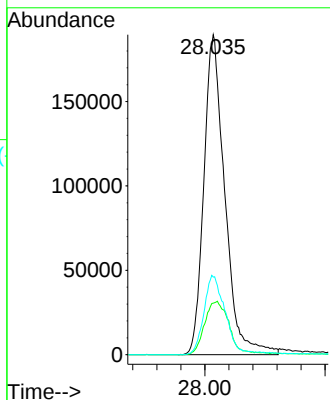
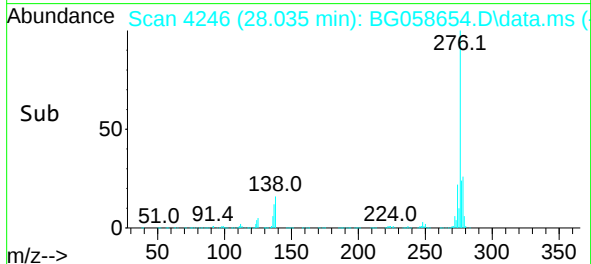
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD



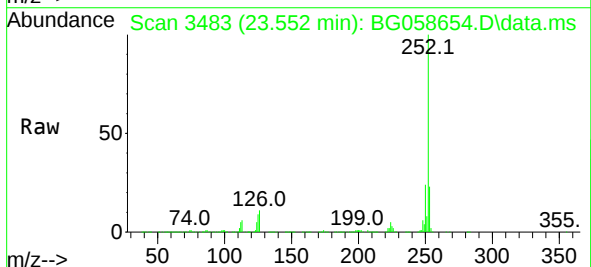
Tgt Ion:276 Resp: 1149428
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.0 24.0
 277 25.0 20.4 30.6

Manual Integrations
 APPROVED

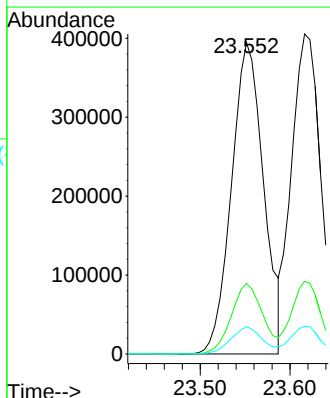
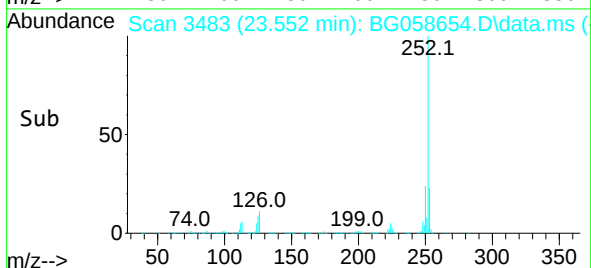
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/10/2023

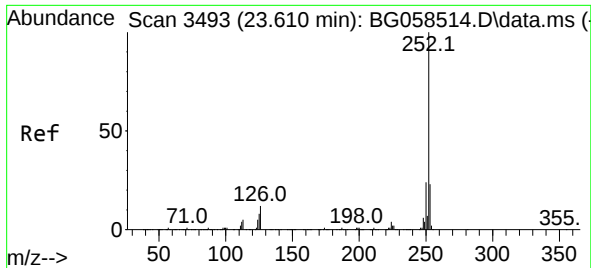


#88
 Benzo(b)fluoranthene
 Concen: 47.850 ng
 RT: 23.552 min Scan# 3483
 Delta R.T. 0.006 min
 Lab File: BG058654.D
 Acq: 9 Aug 2023 11:35



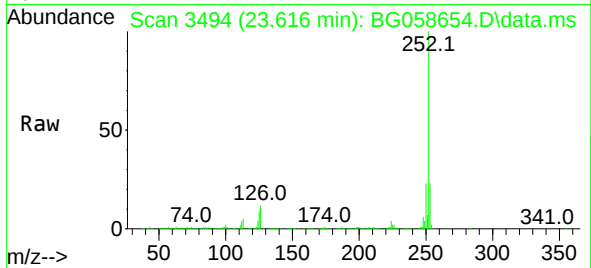
Tgt Ion:252 Resp: 978188
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 8.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 44.922 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

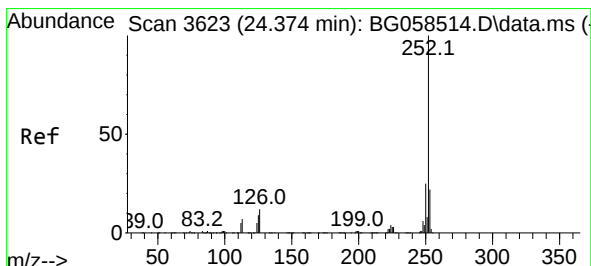
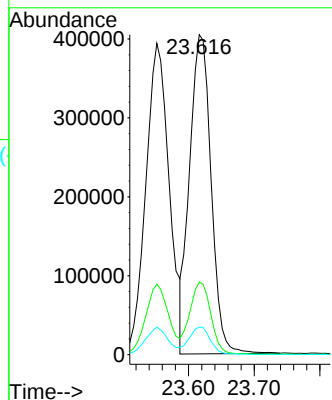
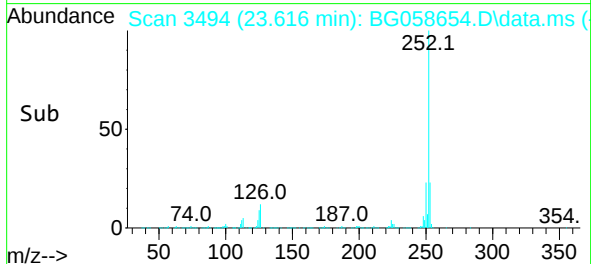
Instrument :
BNA_G
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 92254
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.6 6.6 10.0

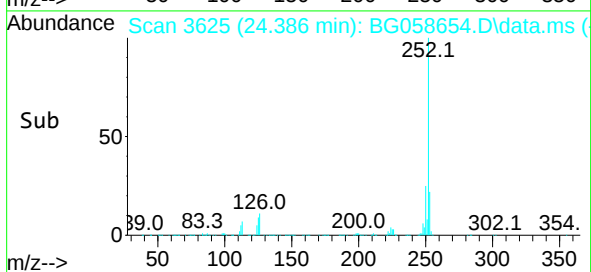
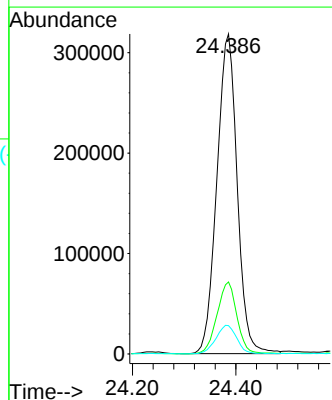
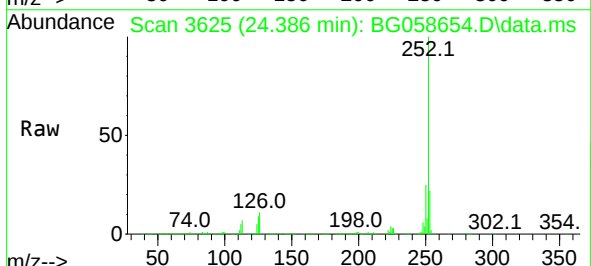
Manual Integrations
APPROVED

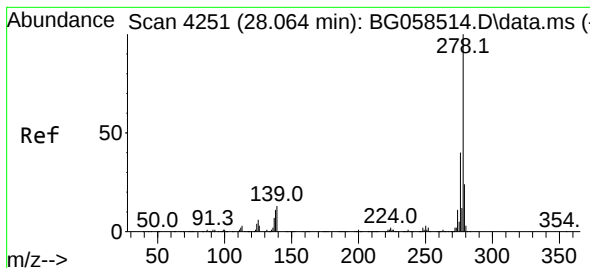
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/10/2023



#90
Benzo(a)pyrene
Concen: 43.252 ng
RT: 24.386 min Scan# 3625
Delta R.T. 0.012 min
Lab File: BG058654.D
Acq: 9 Aug 2023 11:35

Tgt Ion:252 Resp: 868318
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.828 ng

RT: 28.087 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

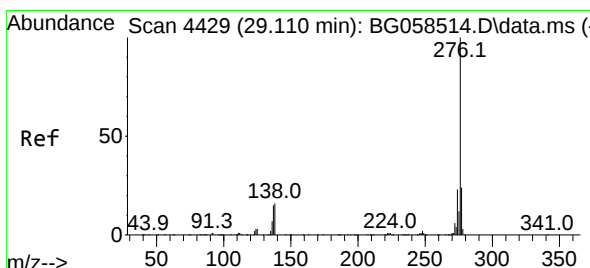
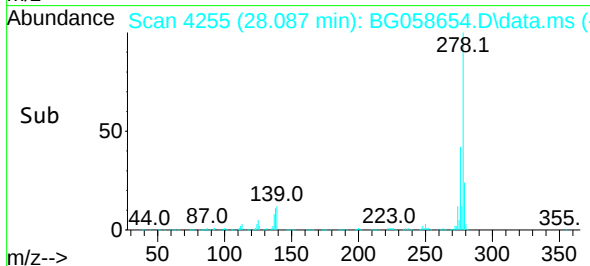
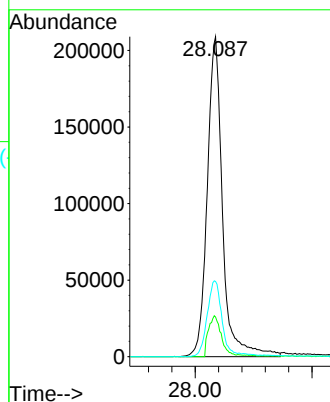
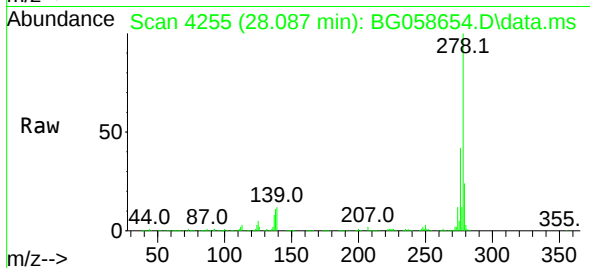
Tgt Ion:	278	Resp:	95015
Ion Ratio	Lower	Upper	
278	100		
139	12.4	10.4	15.6
279	23.5	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#92

Benzo(g,h,i)perylene

Concen: 43.612 ng

RT: 29.127 min Scan# 4432

Delta R.T. 0.018 min

Lab File: BG058654.D

Acq: 9 Aug 2023 11:35

Tgt Ion:	276	Resp:	906711
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.9	28.3
138	16.8	13.0	19.4

