

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058757.D
 Acq On : 17 Aug 2023 11:13
 Operator : MA/JU
 Sample : PB154866BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154866BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023

Quant Time: Aug 18 01:50:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	23013	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	100803	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	75199	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	189457	20.000	ng	0.00
76) Chrysene-d12	21.452	240	161284	20.000	ng	0.00
86) Perylene-d12	24.519	264	202390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	221997	147.444	ng	0.00
7) Phenol-d6	6.987	99	304330	145.260	ng	0.00
23) Nitrobenzene-d5	8.979	82	188900	92.058	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	161374	130.925	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	445110	88.703	ng	0.00
79) Terphenyl-d14	19.825	244	833132	97.141	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.262	88	26136	35.823	ng	# 87
3) Pyridine	3.655	79	68216	34.295	ng	# 81
4) n-Nitrosodimethylamine	3.579	42	44299	52.562	ng	# 76
6) Aniline	7.134	93	96699	37.488	ng	95
8) 2-Chlorophenol	7.375	128	83379	56.449	ng	97
9) Benzaldehyde	6.946	77	38110	33.481	ng	96
10) Phenol	7.010	94	114622	56.007	ng	92
11) bis(2-Chloroethyl)ether	7.234	93	76872	47.645	ng	91
12) 1,3-Dichlorobenzene	7.698	146	80991	51.350	ng	97
13) 1,4-Dichlorobenzene	7.845	146	82936	52.369	ng	99
14) 1,2-Dichlorobenzene	8.162	146	80194	52.964	ng	99
15) Benzyl Alcohol	8.050	79	82578	62.152	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	165243m	63.049	ng	
17) 2-Methylphenol	8.256	107	78520	52.473	ng	98
18) Hexachloroethane	8.885	117	30349	52.724	ng	93
19) n-Nitroso-di-n-propyla...	8.614	70	66892	49.430	ng	89
20) 3+4-Methylphenols	8.591	107	105824	52.282	ng	98
22) Acetophenone	8.632	105	130386	48.307	ng	# 94
24) Nitrobenzene	9.020	77	100521	48.186	ng	94
25) Isophorone	9.537	82	194003	45.758	ng	99
26) 2-Nitrophenol	9.731	139	44705	49.231	ng	98
27) 2,4-Dimethylphenol	9.789	122	75802	50.325	ng	97
28) bis(2-Chloroethoxy)met...	10.018	93	109619	47.510	ng	99
29) 2,4-Dichlorophenol	10.265	162	84263	53.879	ng	97
30) 1,2,4-Trichlorobenzene	10.477	180	90185	50.003	ng	95
31) Naphthalene	10.659	128	250169	47.087	ng	98
32) Benzoic acid	9.960	122	43731m	38.978	ng	
33) 4-Chloroaniline	10.776	127	72016	32.082	ng	99
34) Hexachlorobutadiene	10.941	225	57641	49.626	ng	98
35) Caprolactam	11.558	113	29354m	50.828	ng	
36) 4-Chloro-3-methylphenol	11.910	107	102958	53.219	ng	97
37) 2-Methylnaphthalene	12.275	142	178747	47.034	ng	96
38) 1-Methylnaphthalene	12.498	142	171371	47.437	ng	98
40) 1,2,4,5-Tetrachloroben...	12.651	216	106421	46.096	ng	99
41) Hexachlorocyclopentadiene	12.621	237	92059	85.352	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	76184	47.976	ng	94

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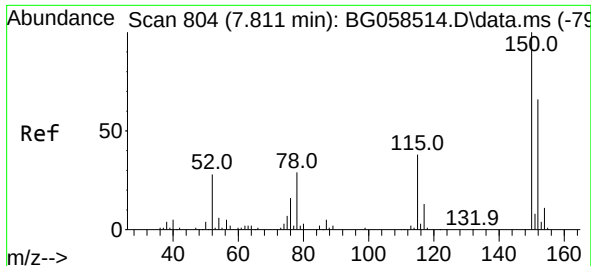
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 08/18/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	84524	45.191	ng	95
46) 1,1'-Biphenyl	13.291	154	241833	46.828	ng	98
47) 2-Chloronaphthalene	13.332	162	196218	48.730	ng	99
48) 2-Nitroaniline	13.544	65	78355	50.981	ng	96
49) Acenaphthylene	14.184	152	326328	48.406	ng	99
50) Dimethylphthalate	13.920	163	273036	48.345	ng	100
51) 2,6-Dinitrotoluene	14.043	165	61247	49.425	ng	96
52) Acenaphthene	14.525	154	185672	47.665	ng	99
53) 3-Nitroaniline	14.372	138	43856	35.373	ng	95
54) 2,4-Dinitrophenol	14.595	184	62529	88.622	ng	93
55) Dibenzofuran	14.860	168	317953	47.502	ng	96
56) 4-Nitrophenol	14.695	139	85964	93.008	ng	87
57) 2,4-Dinitrotoluene	14.836	165	89103	51.865	ng	94
58) Fluorene	15.506	166	260573	49.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	77166	48.349	ng	98
60) Diethylphthalate	15.277	149	287288	49.932	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	141604	47.767	ng	97
62) 4-Nitroaniline	15.541	138	61321	52.212	ng	87
63) Azobenzene	15.794	77	266880	47.093	ng	96
65) 4,6-Dinitro-2-methylph...	15.606	198	51380	49.184	ng	97
66) n-Nitrosodiphenylamine	15.718	169	233488	47.351	ng	97
67) 4-Bromophenyl-phenylether	16.393	248	98134	45.668	ng	97
68) Hexachlorobenzene	16.511	284	110715	48.622	ng	98
69) Atrazine	16.670	200	97569	58.614	ng	97
70) Pentachlorophenol	16.863	266	98367	71.371	ng	98
71) Phenanthrene	17.251	178	429736	47.829	ng	99
72) Anthracene	17.339	178	440431	47.773	ng	99
73) Carbazole	17.615	167	401916	49.438	ng	99
74) Di-n-butylphthalate	18.162	149	500726	49.173	ng	99
75) Fluoranthene	19.266	202	522280	48.392	ng	96
77) Benzidine	19.449	184	199137	81.423	ng	97
78) Pyrene	19.625	202	538986	49.105	ng	98
80) Butylbenzylphthalate	20.512	149	222251	49.295	ng	98
81) Benzo(a)anthracene	21.429	228	540914	48.734	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	167383	44.602	ng	99
83) Chrysene	21.493	228	502297	47.199	ng	99
84) Bis(2-ethylhexyl)phtha...	21.335	149	324097	49.191	ng	99
85) Di-n-octyl phthalate	22.480	149	570955	49.290	ng	97
87) Indeno(1,2,3-cd)pyrene	28.027	276	668379	49.641	ng	98
88) Benzo(b)fluoranthene	23.550	252	567562	51.704	ng	99
89) Benzo(k)fluoranthene	23.614	252	550778	49.945	ng	99
90) Benzo(a)pyrene	24.378	252	506525	46.986	ng	99
91) Dibenzo(a,h)anthracene	28.080	278	553931	49.755	ng	98
92) Benzo(g,h,i)perylene	29.120	276	528459	47.337	ng	99

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



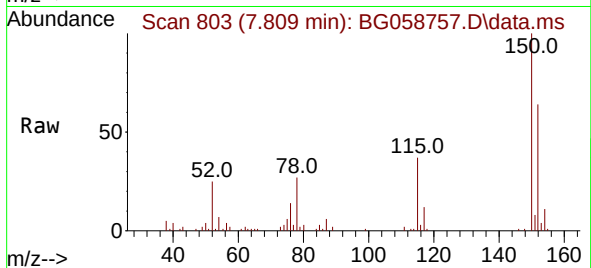
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

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BNA_G

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PB154866BS

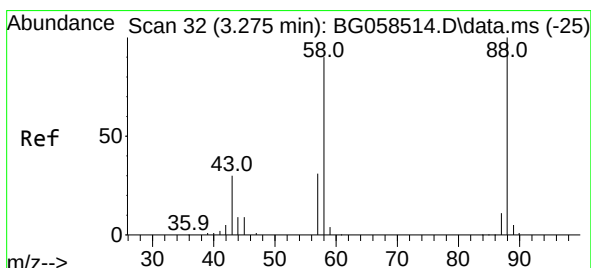
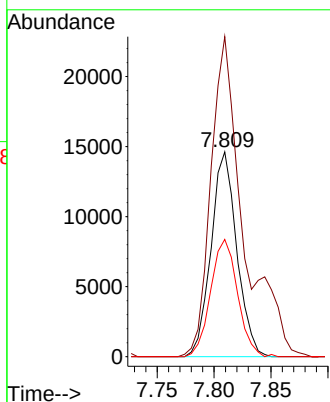
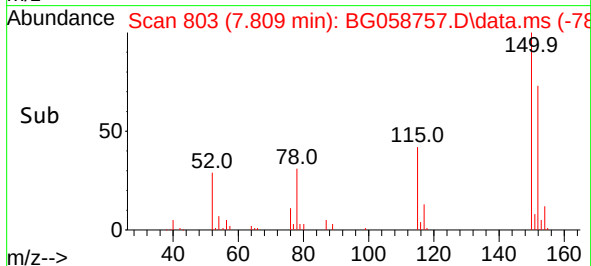


Tgt Ion:152 Resp: 2301
Ion Ratio Lower Upper
152 100
150 156.2 120.5 180.7
115 57.2 45.9 68.9

Manual Integrations

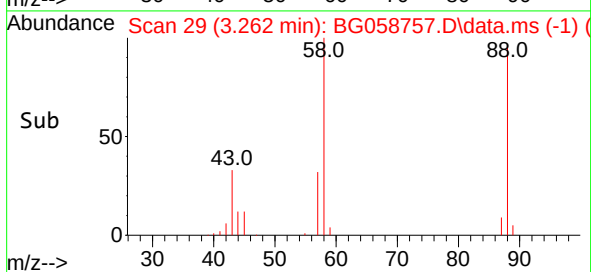
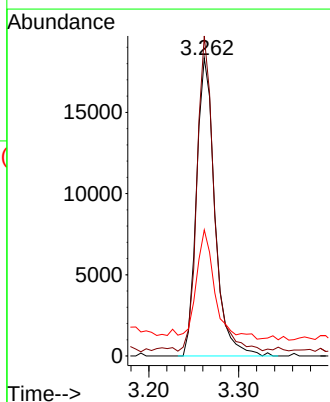
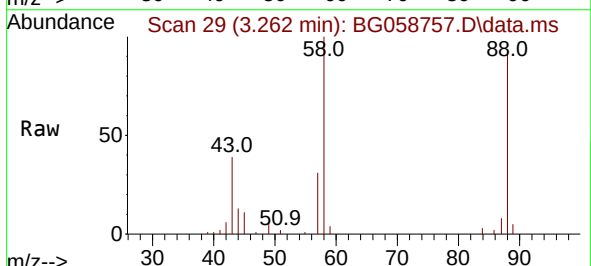
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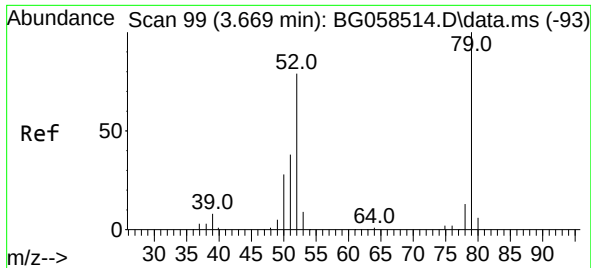
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#2
1,4-Dioxane
Concen: 35.823 ng
RT: 3.262 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 88 Resp: 26136
Ion Ratio Lower Upper
88 100
58 98.0 68.9 103.3
43 35.7 22.9 34.3#





#3
Pyridine
Concen: 34.295 ng
RT: 3.655 min Scan# 90
Delta R.T. -0.014 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

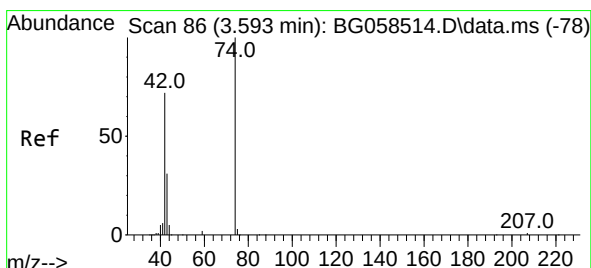
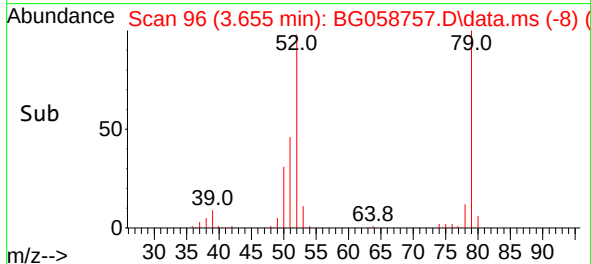
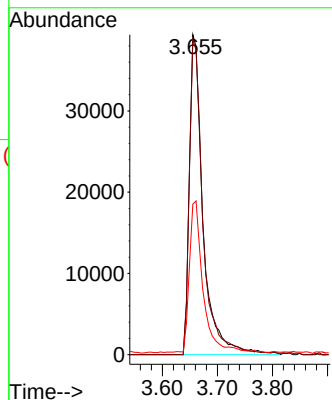
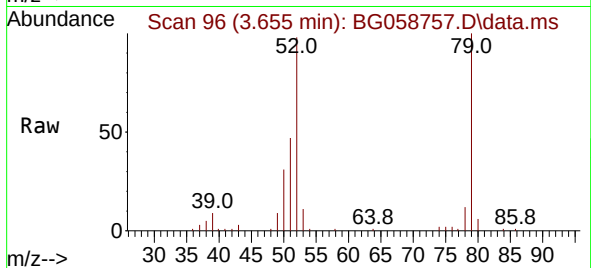
PB154866BS

Tgt Ion: 79 Resp: 68210
Ion Ratio Lower Upper
79 100
52 98.4 63.2 94.8
51 47.1 31.9 47.9

Manual Integrations

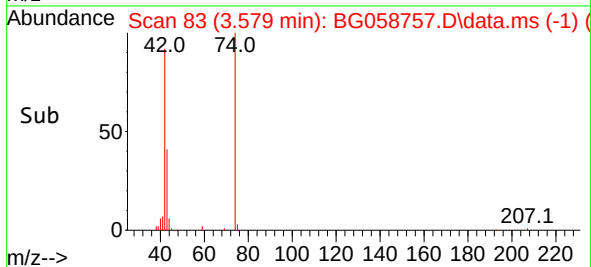
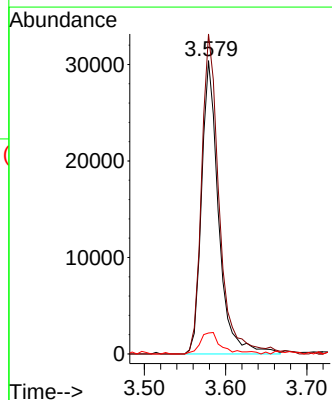
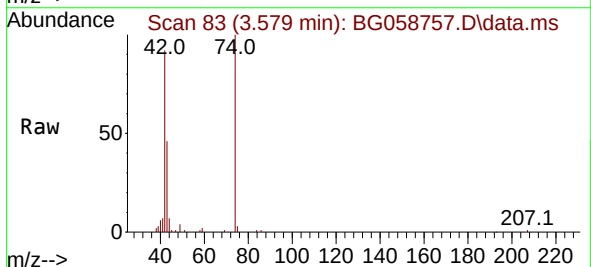
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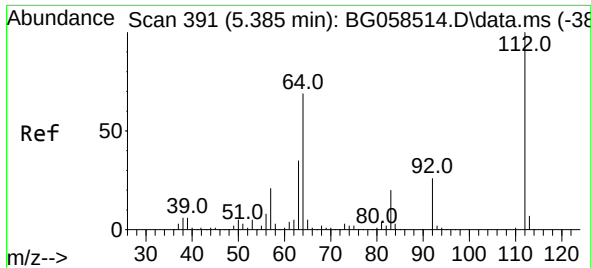
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#4
n-Nitrosodimethylamine
Concen: 52.562 ng
RT: 3.579 min Scan# 83
Delta R.T. -0.014 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 42 Resp: 44299
Ion Ratio Lower Upper
42 100
74 109.1 111.5 167.3
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 147.444 ng
RT: 5.383 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

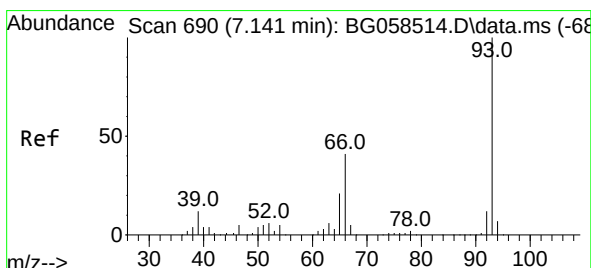
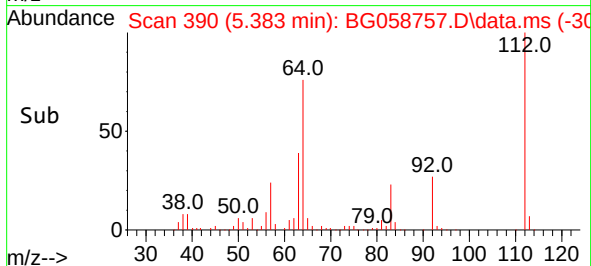
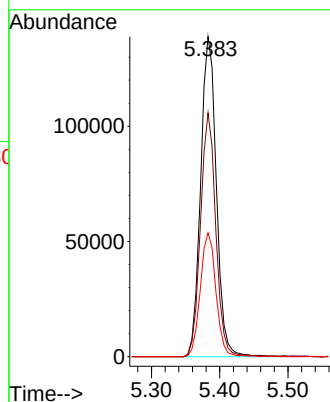
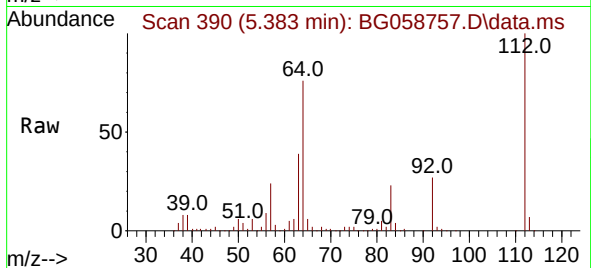
PB154866BS

Tgt Ion:112 Resp: 221997
Ion Ratio Lower Upper
112 100
64 76.2 55.3 82.9
63 38.7 28.3 42.5

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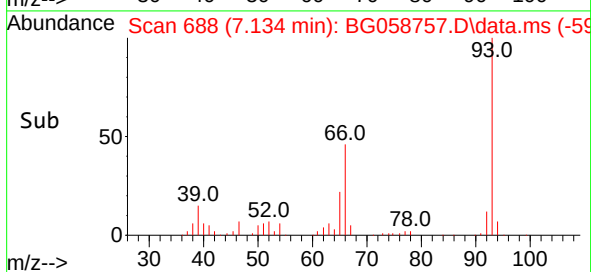
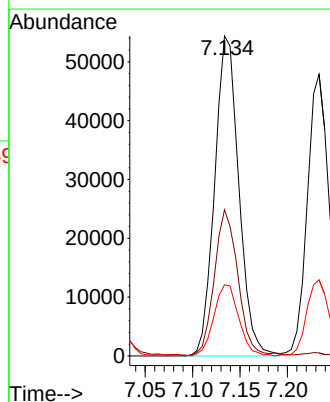
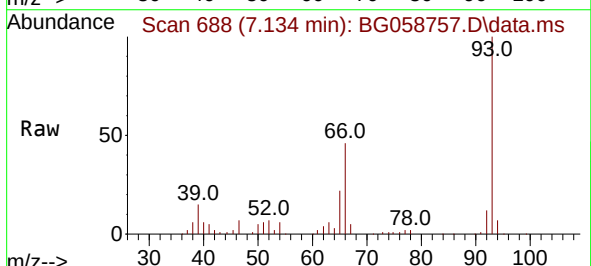
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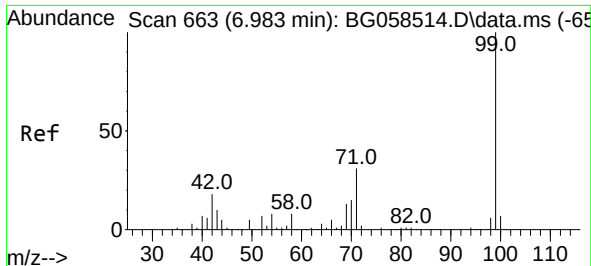
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#6
Aniline
Concen: 37.488 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion: 93 Resp: 96699
Ion Ratio Lower Upper
93 100
66 45.7 33.1 49.7
65 22.2 17.0 25.4





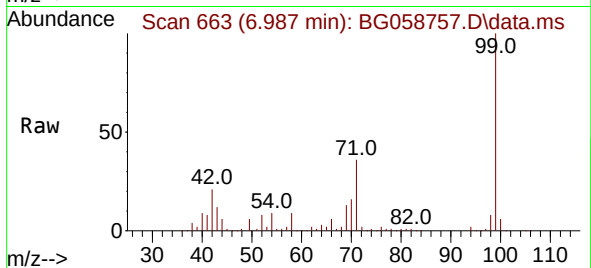
#7
Phenol-d6
Concen: 145.260 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

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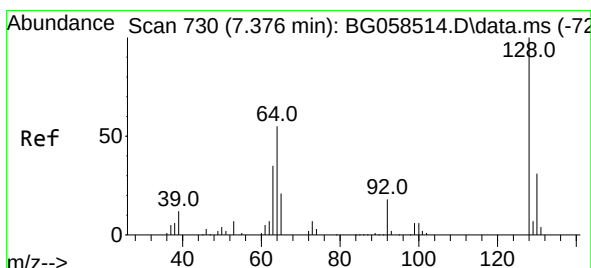
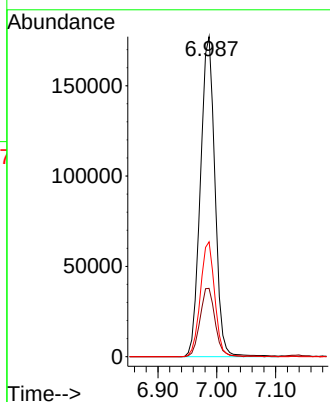
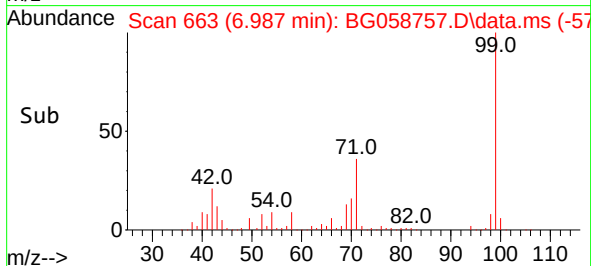


Tgt Ion: 99 Resp: 304330
Ion Ratio Lower Upper
99 100
42 21.4 14.6 21.8
71 35.9 25.0 37.4

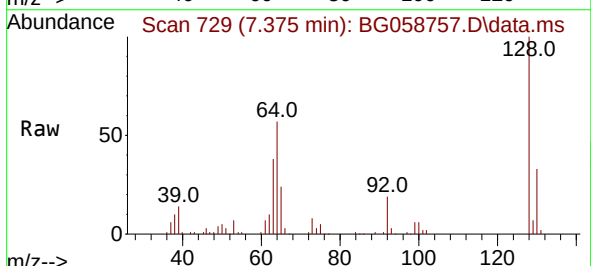
Manual Integrations

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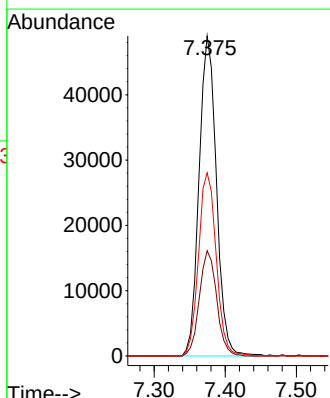
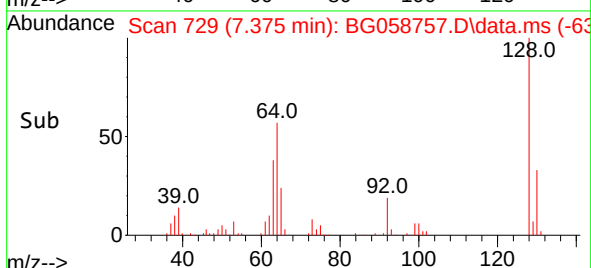
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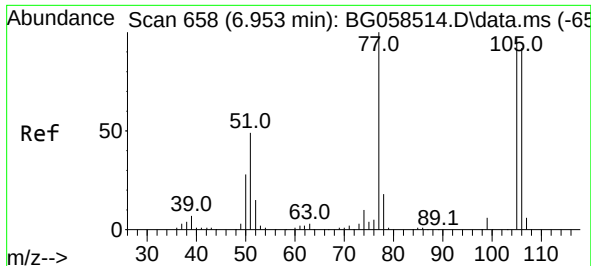


#8
2-Chlorophenol
Concen: 56.449 ng
RT: 7.375 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058757.D
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Tgt Ion:128 Resp: 83379
Ion Ratio Lower Upper
128 100
130 32.9 10.9 50.9
64 57.2 39.0 79.0





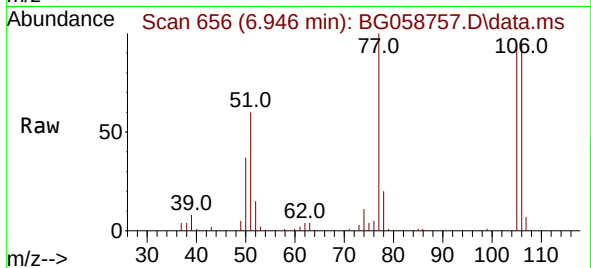
#9
Benzaldehyde
Concen: 33.481 ng
RT: 6.946 min Scan# 658
Delta R.T. -0.007 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

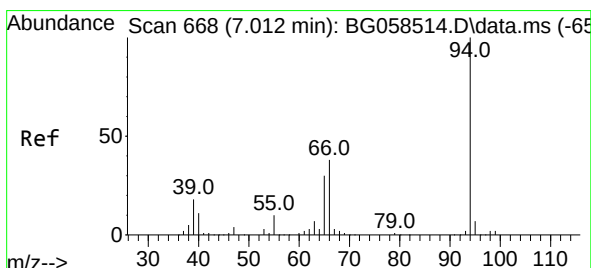
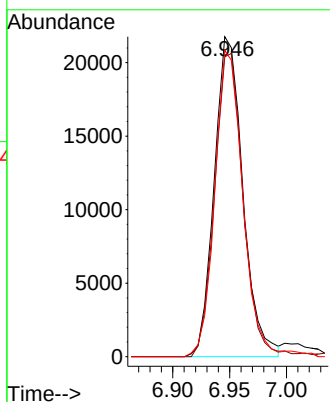
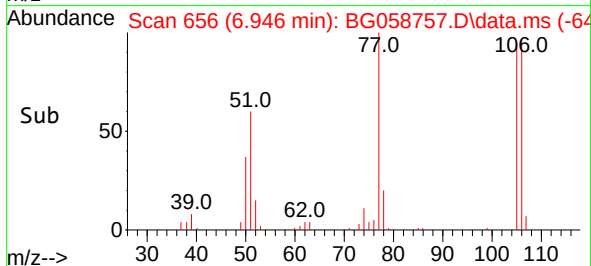


Tgt Ion: 77 Resp: 38110
Ion Ratio Lower Upper
77 100
105 93.7 77.1 117.1
106 95.6 71.6 111.6

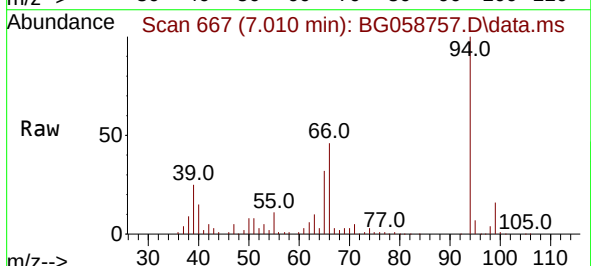
Manual Integrations

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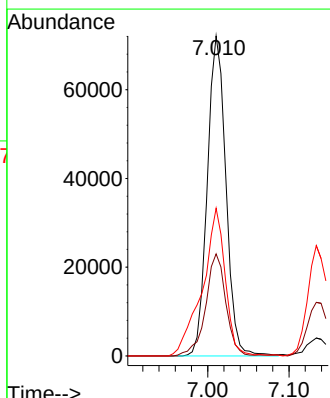
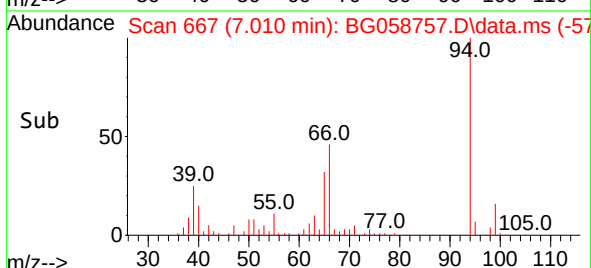
Reviewed By :Yogesh Patel 08/18/2023
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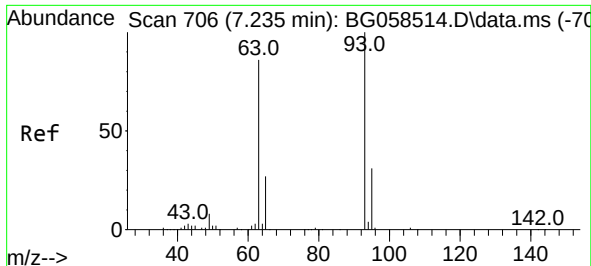


#10
Phenol
Concen: 56.007 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion: 94 Resp: 114622
Ion Ratio Lower Upper
94 100
65 31.9 10.4 50.4
66 46.1 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 47.645 ng
RT: 7.234 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

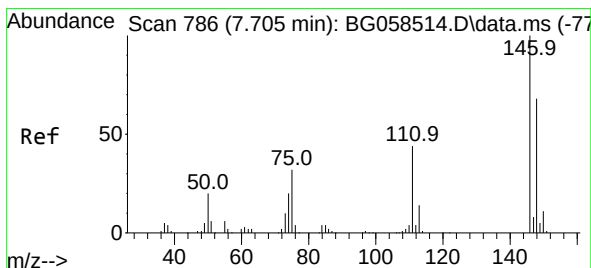
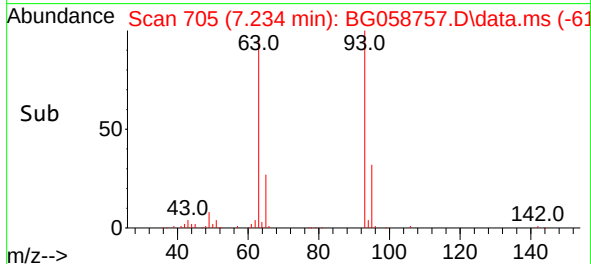
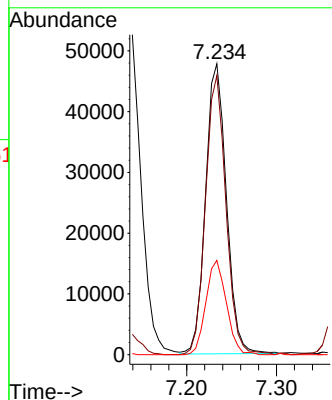
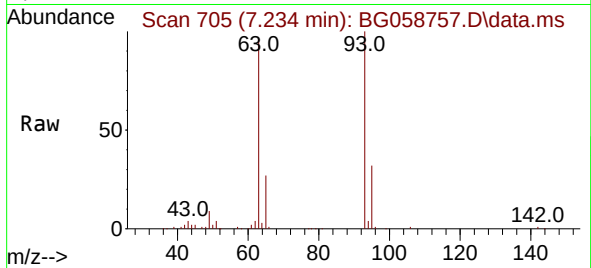
ClientSampleId :

PB154866BS

Tgt Ion: 93 Resp: 76872
Ion Ratio Lower Upper
93 100
63 95.9 65.5 105.5
95 32.4 11.2 51.2

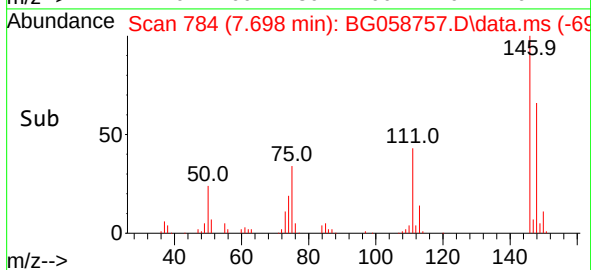
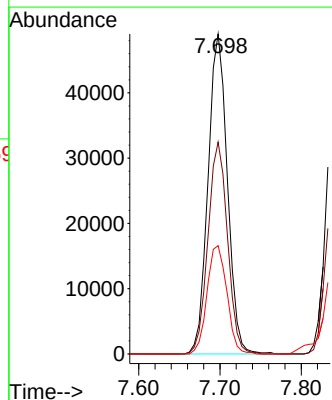
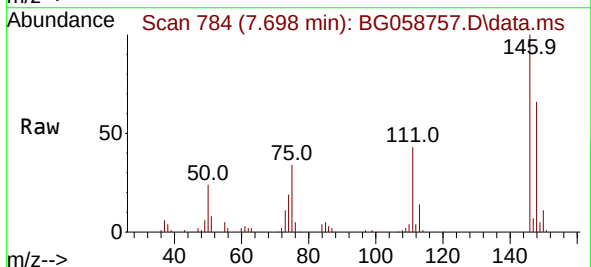
Manual Integrations
APPROVED

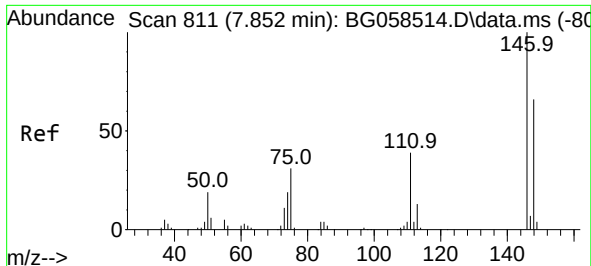
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#12
1,3-Dichlorobenzene
Concen: 51.350 ng
RT: 7.698 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:146 Resp: 80991
Ion Ratio Lower Upper
146 100
148 66.2 54.7 82.1
75 33.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.369 ng

RT: 7.845 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

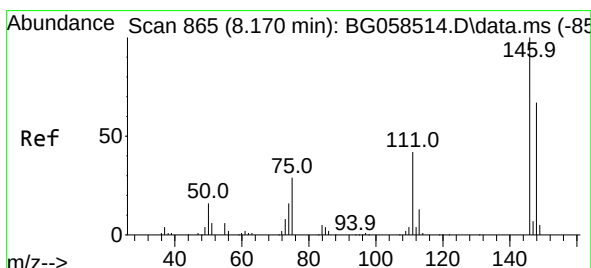
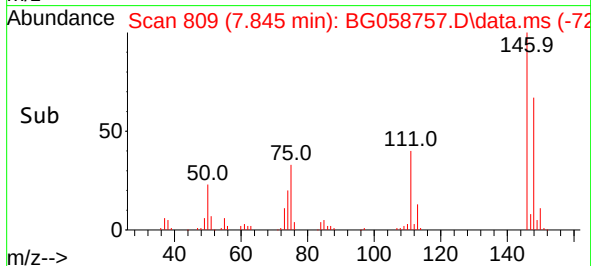
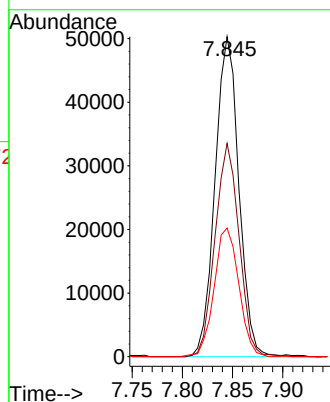
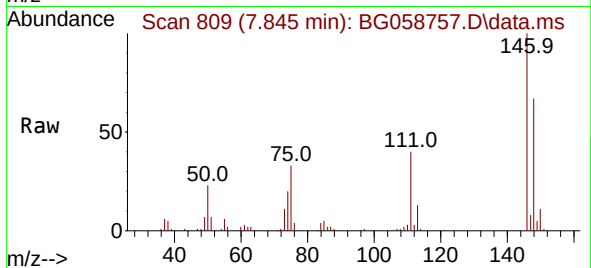
Tgt Ion:146 Resp: 82930
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.8 79.2
 111 40.2 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#14

1,2-Dichlorobenzene

Concen: 52.964 ng

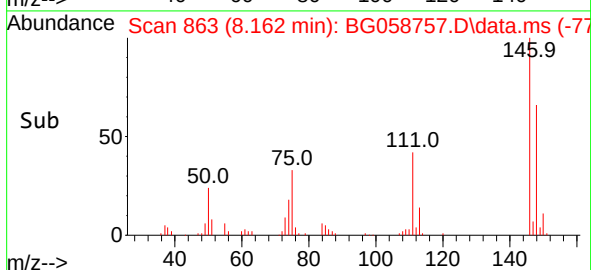
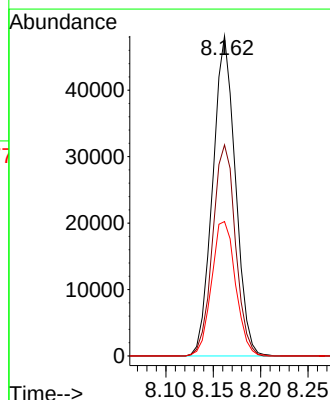
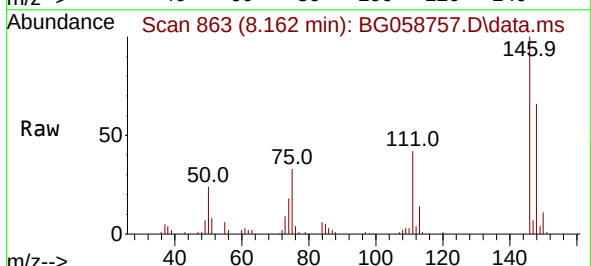
RT: 8.162 min Scan# 863

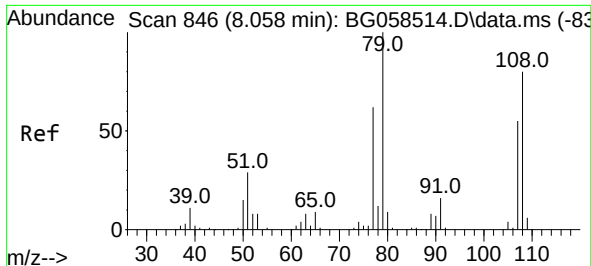
Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Tgt Ion:146 Resp: 80194
 Ion Ratio Lower Upper
 146 100
 148 66.0 53.4 80.2
 111 42.0 34.2 51.2





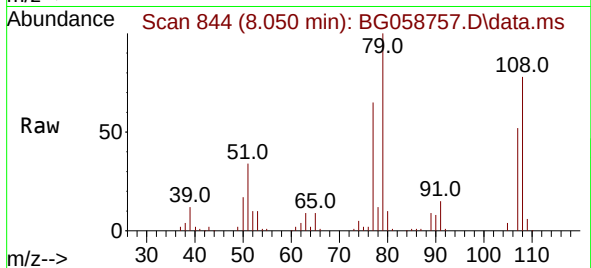
#15
Benzyl Alcohol
Concen: 62.152 ng
RT: 8.050 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

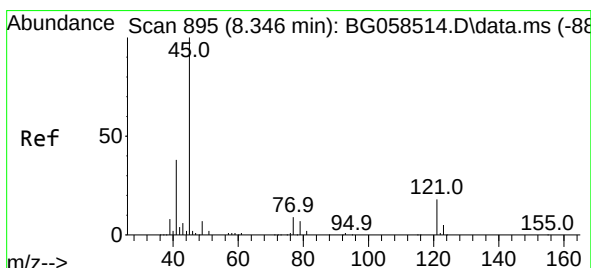
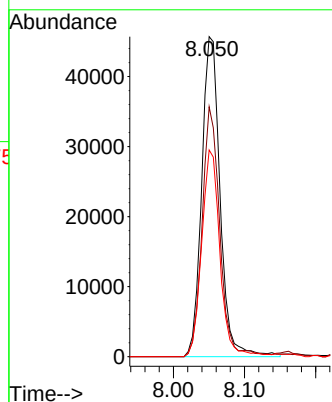
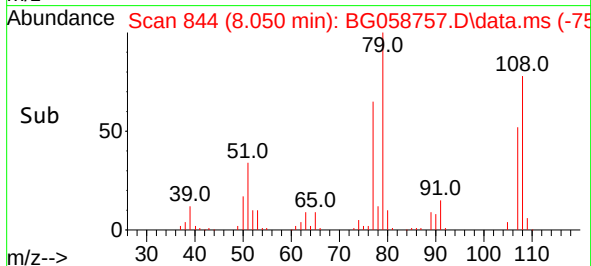
PB154866BS



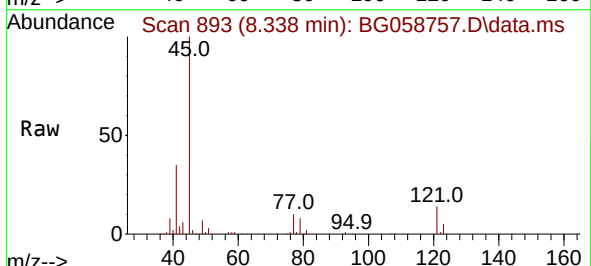
Tgt Ion: 79 Resp: 82578
Ion Ratio Lower Upper
79 100
108 78.1 63.8 95.6
77 64.6 49.8 74.6

Manual Integrations
APPROVED

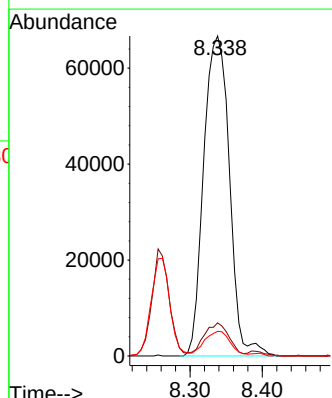
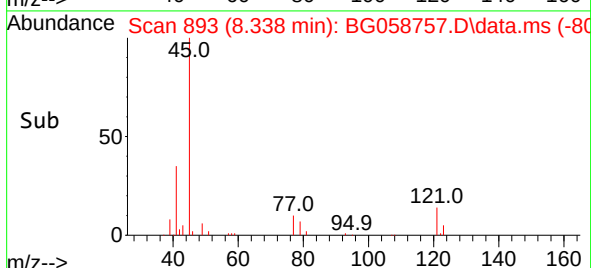
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

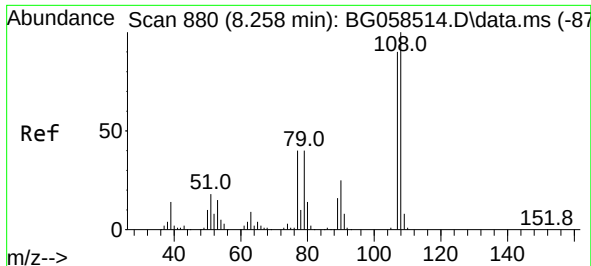


#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.049 ng m
RT: 8.338 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion: 45 Resp: 165243
Ion Ratio Lower Upper
45 100
77 10.4 0.0 32.6
79 7.7 0.0 30.2





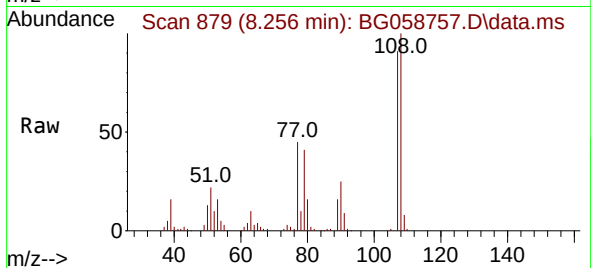
#17
2-Methylphenol
Concen: 52.473 ng
RT: 8.256 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

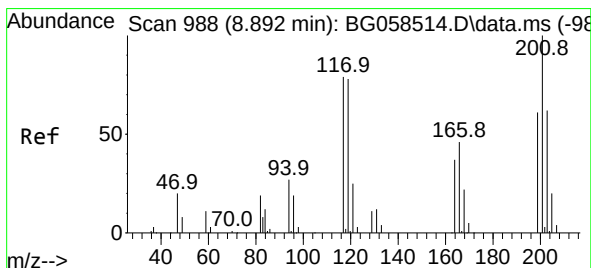
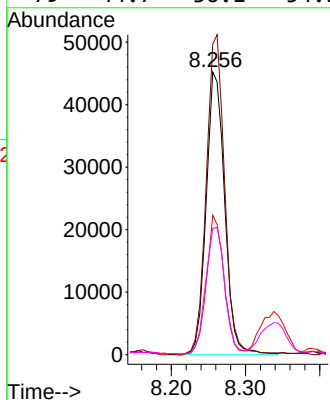
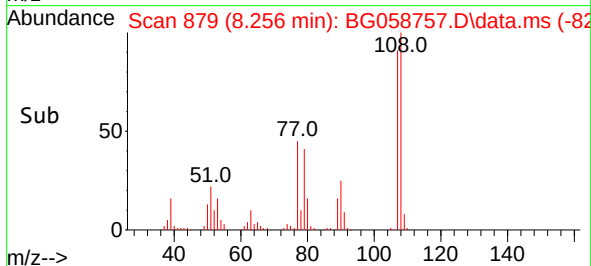


Tgt Ion:107 Resp: 78520
Ion Ratio Lower Upper
107 100
108 109.8 89.1 133.7
77 49.3 36.2 54.4
79 44.7 36.1 54.1

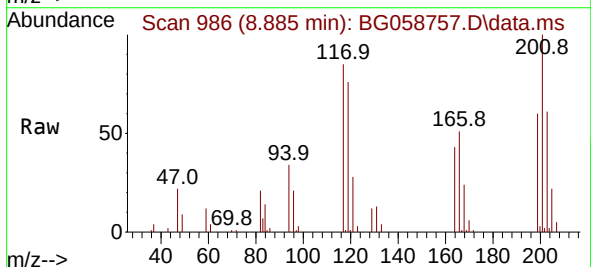
Manual Integrations

APPROVED

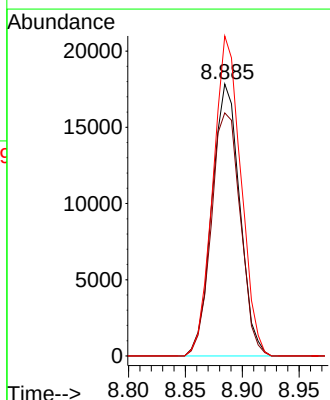
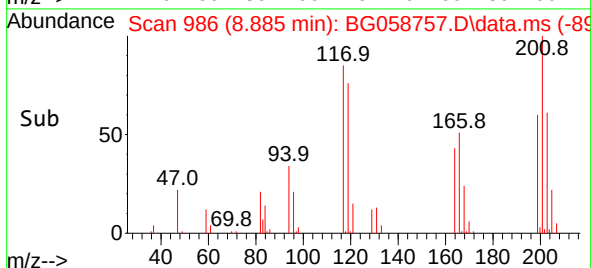
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

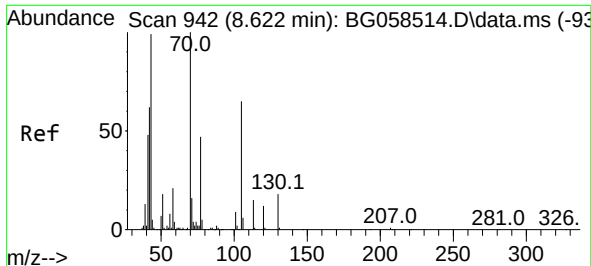


#18
Hexachloroethane
Concen: 52.724 ng
RT: 8.885 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion:117 Resp: 30349
Ion Ratio Lower Upper
117 100
119 89.3 78.6 117.8
201 120.4 101.4 152.0





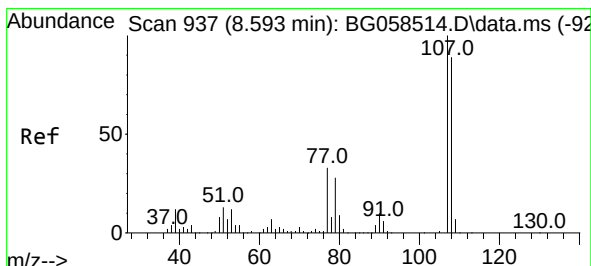
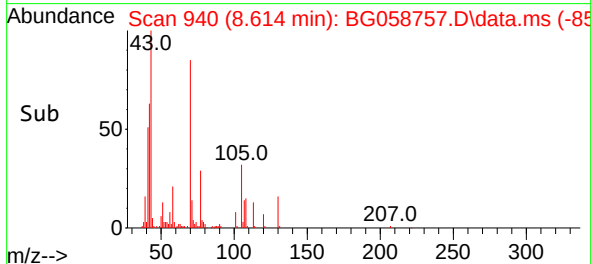
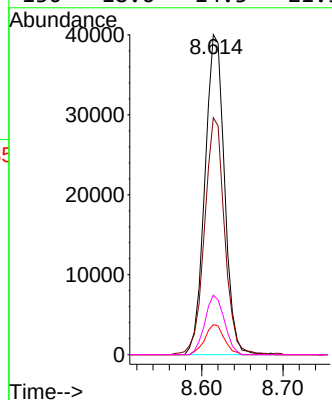
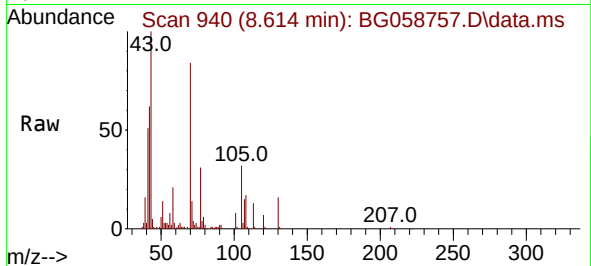
#19
n-Nitroso-di-n-propylamine
Concen: 49.430 ng
RT: 8.614 min Scan# 94
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :
BNA_G
ClientSampleId :
PB154866BS

Tgt Ion: 70 Resp: 66892
Ion Ratio Lower Upper
70 100
42 74.0 49.7 74.5
101 9.4 7.0 10.4
130 18.6 14.3 21.5

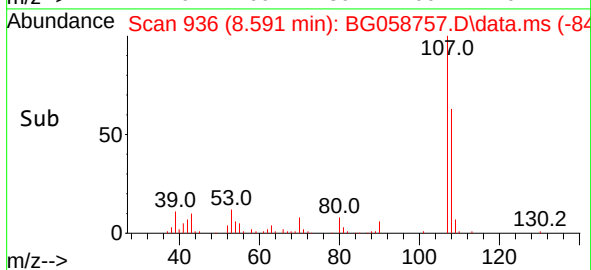
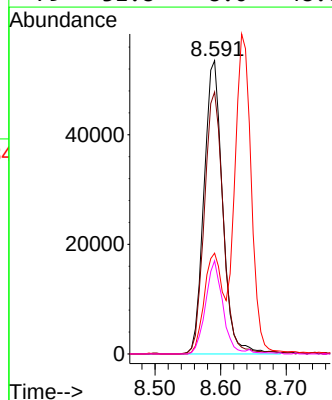
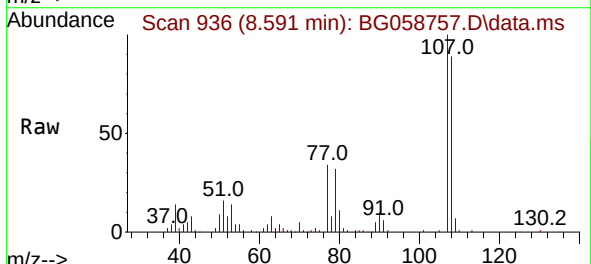
Manual Integrations
APPROVED

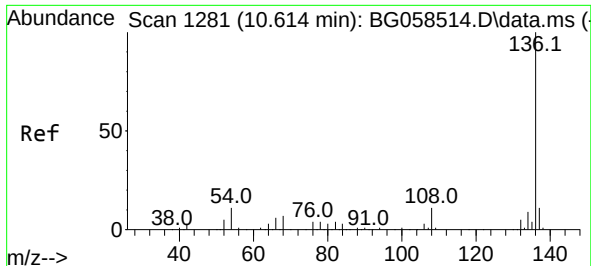
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#20
3+4-Methylphenols
Concen: 52.282 ng
RT: 8.591 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:107 Resp: 105824
Ion Ratio Lower Upper
107 100
108 89.3 69.4 109.4
77 34.4 13.0 53.0
79 31.8 8.0 48.0





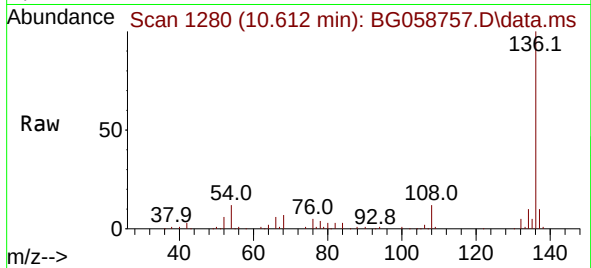
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS



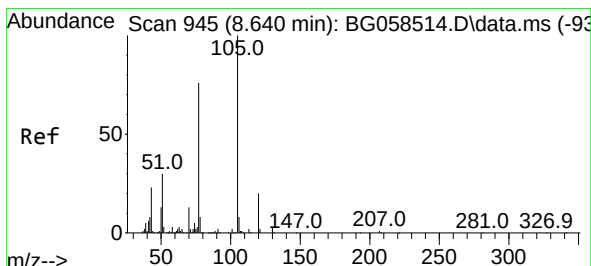
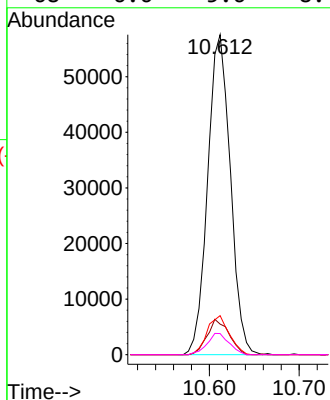
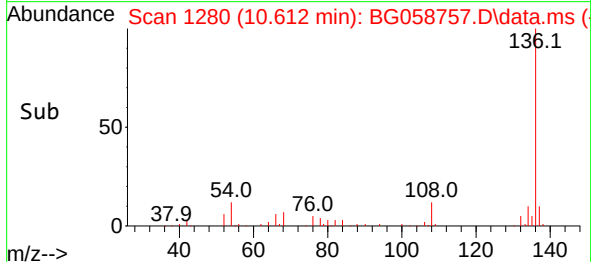
Tgt Ion:136 Resp: 100800
Ion Ratio Lower Upper
136 100
137 9.6 8.6 13.0
54 12.2 8.9 13.3
68 6.6 5.6 8.4

Manual Integrations

APPROVED

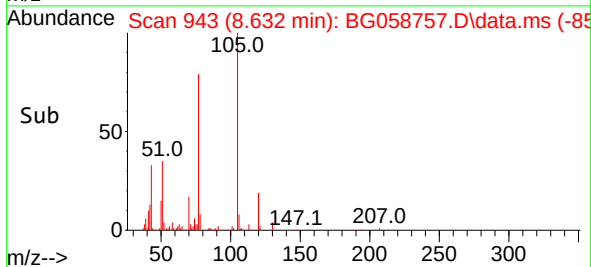
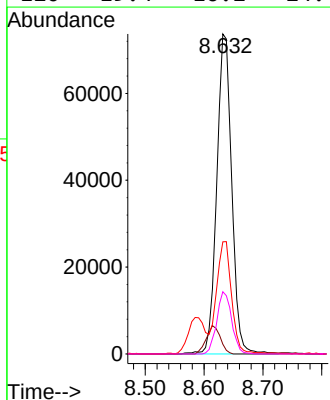
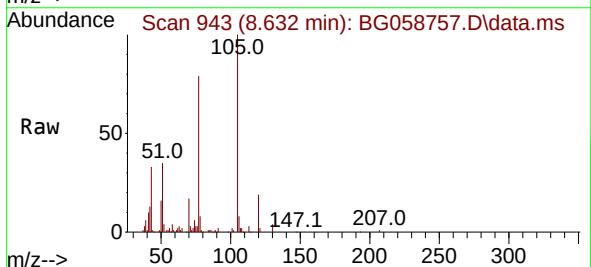
Reviewed By :Yogesh Patel 08/18/2023

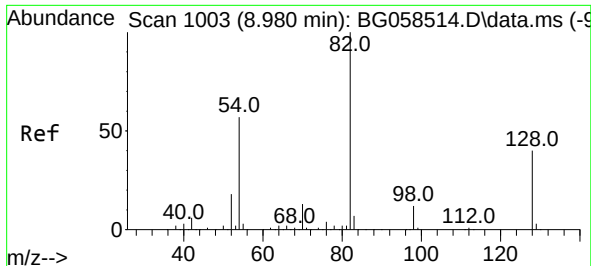
Supervised By :mohammad ahmed 08/18/2023



#22
Acetophenone
Concen: 48.307 ng
RT: 8.632 min Scan# 943
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:105 Resp: 130386
Ion Ratio Lower Upper
105 100
71 3.1 1.8 2.6#
51 35.1 24.2 36.2
120 19.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 92.058 ng

RT: 8.979 min Scan# 1002

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

Tgt Ion: 82 Resp: 188900

Ion Ratio Lower Upper

82 100

128 39.4 32.2 48.2

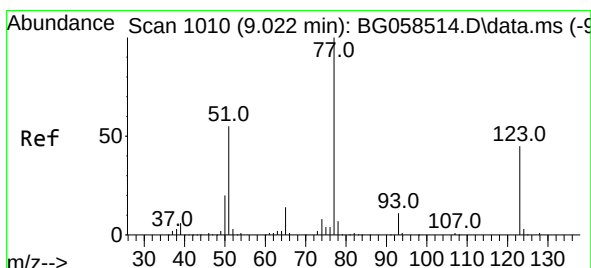
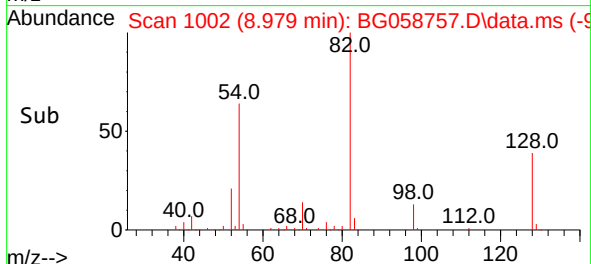
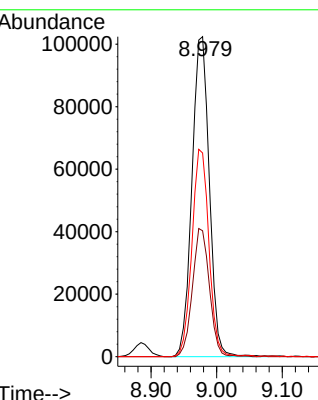
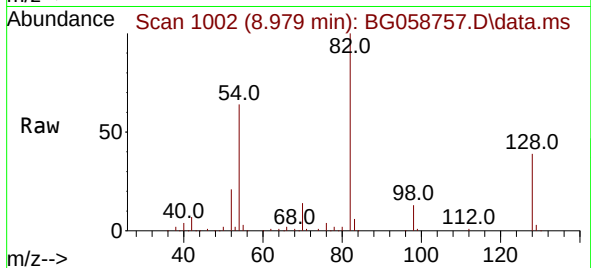
54 63.7 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#24

Nitrobenzene

Concen: 48.186 ng

RT: 9.020 min Scan# 1009

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

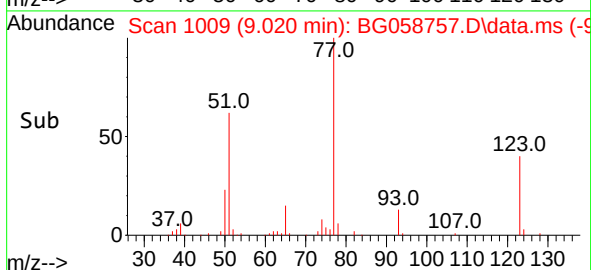
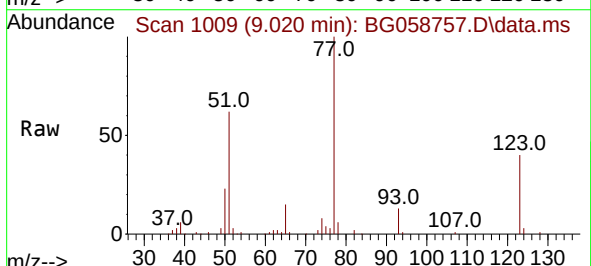
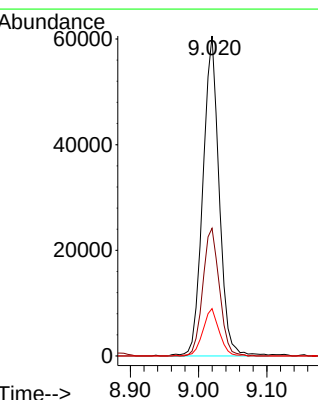
Tgt Ion: 77 Resp: 100521

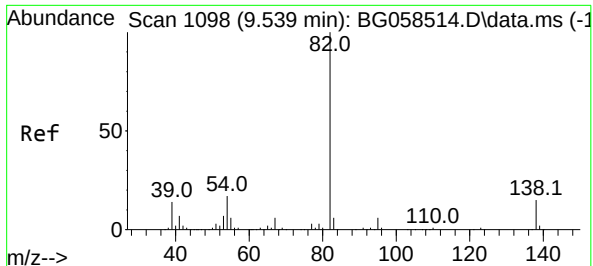
Ion Ratio Lower Upper

77 100

123 39.9 35.6 53.4

65 14.8 11.4 17.0





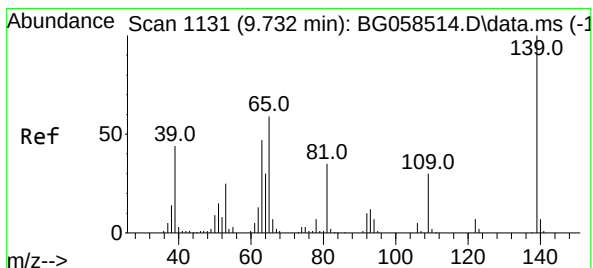
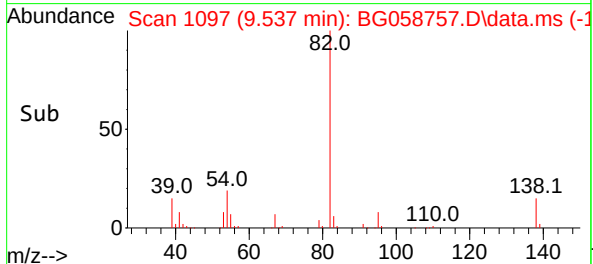
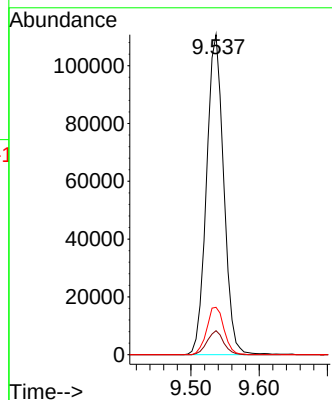
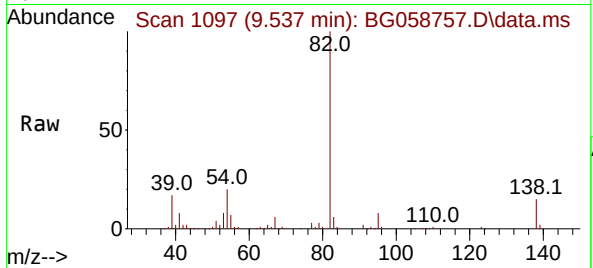
#25
Isophorone
Concen: 45.758 ng
RT: 9.537 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :
BNA_G
ClientSampleId :
PB154866BS

Tgt Ion: 82 Resp: 19400
Ion Ratio Lower Upper
82 100
95 7.5 5.1 7.7
138 14.8 11.9 17.9

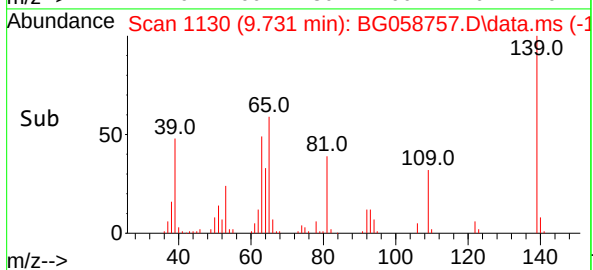
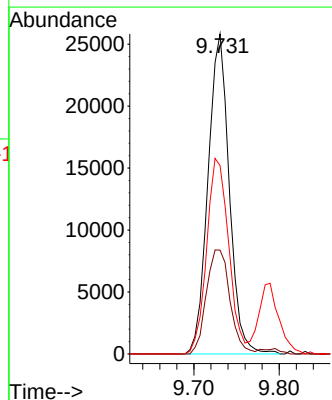
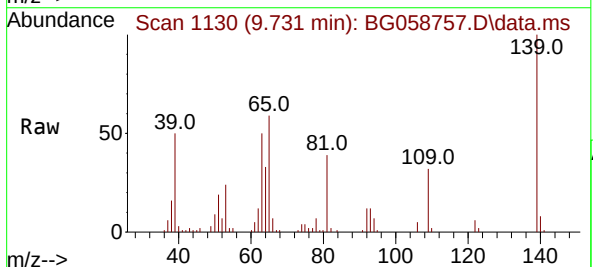
Manual Integrations
APPROVED

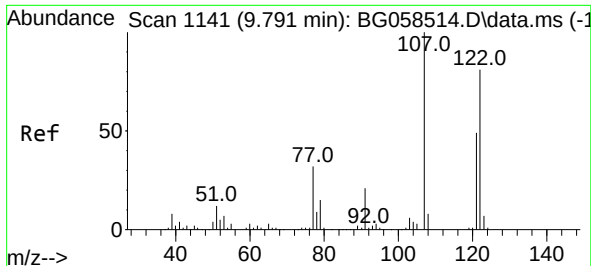
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#26
2-Nitrophenol
Concen: 49.231 ng
RT: 9.731 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:139 Resp: 44705
Ion Ratio Lower Upper
139 100
109 32.5 24.2 36.2
65 58.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 50.325 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

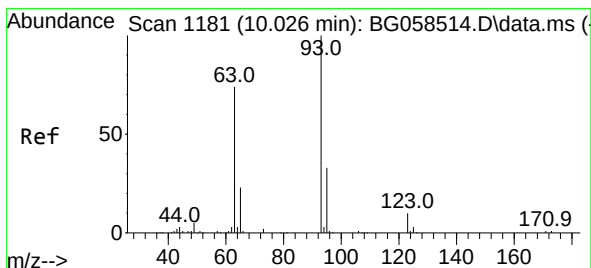
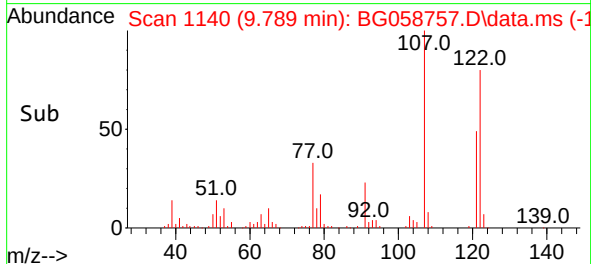
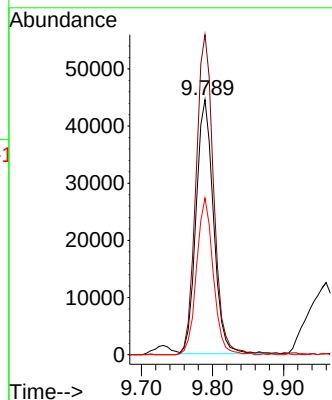
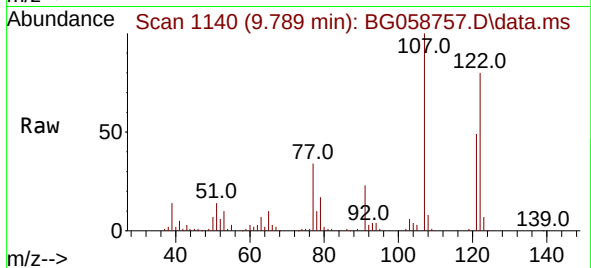
Tgt Ion:	122	Resp:	7580
Ion Ratio	Lower	Upper	
122	100		
107	125.5	98.0	147.0
121	61.4	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.510 ng

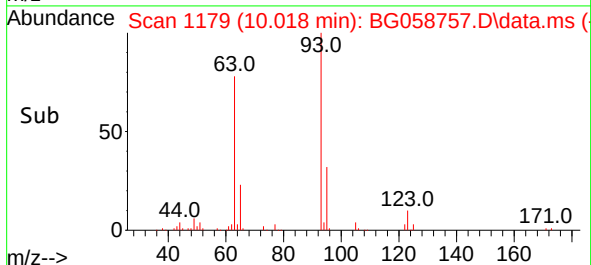
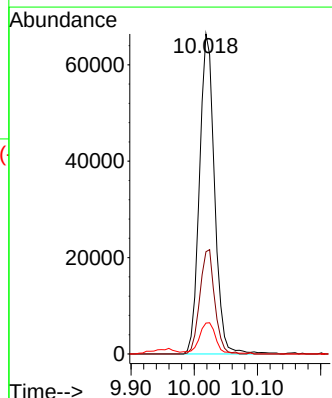
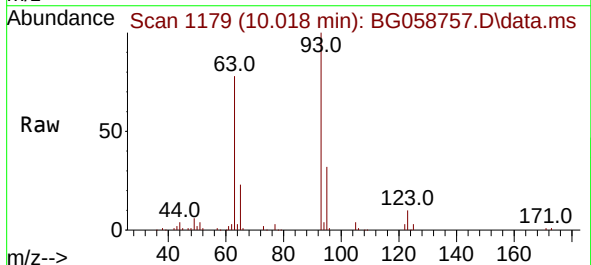
RT: 10.018 min Scan# 1179

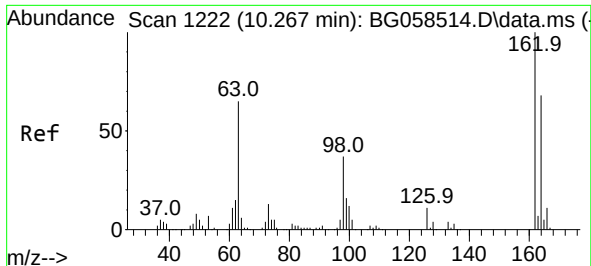
Delta R.T. -0.008 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Tgt Ion:	93	Resp:	109619
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	9.7	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 53.879 ng

RT: 10.265 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

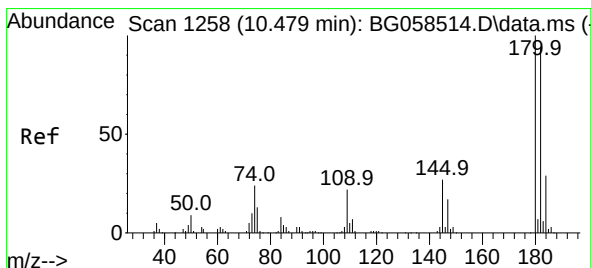
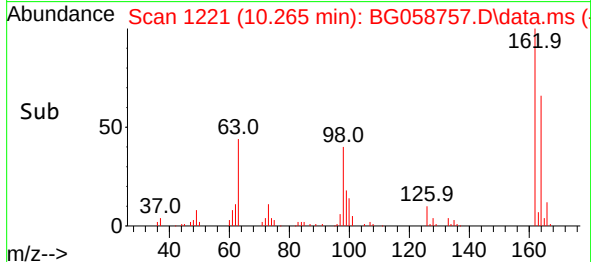
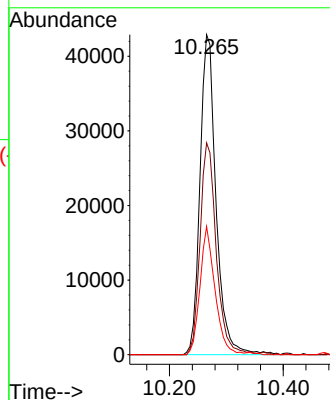
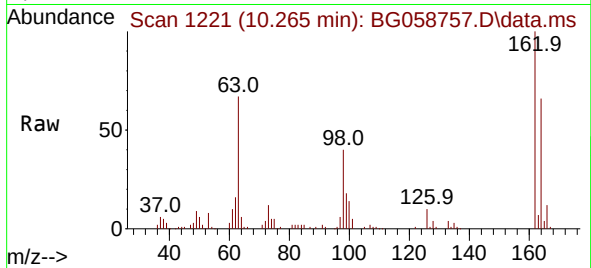
Tgt Ion:	162	Resp:	8426
Ion Ratio	Lower	Upper	
162	100		
164	66.2	47.6	87.6
98	40.0	17.1	57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.003 ng

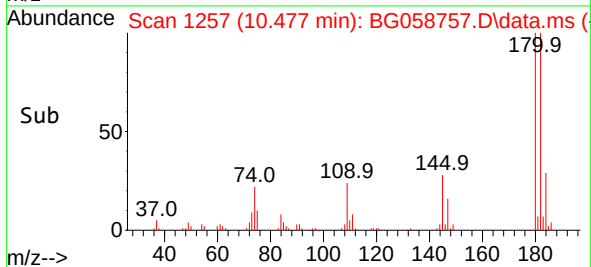
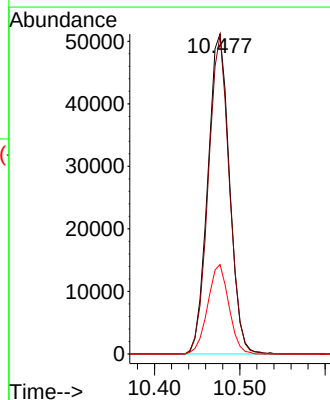
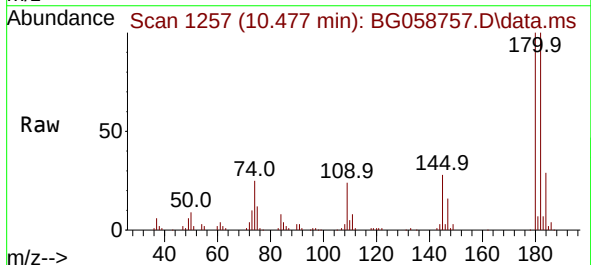
RT: 10.477 min Scan# 1257

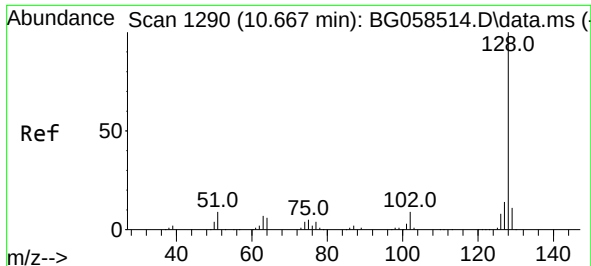
Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Tgt Ion:	180	Resp:	90185
Ion Ratio	Lower	Upper	
180	100		
182	99.6	75.0	112.4
145	28.0	21.9	32.9





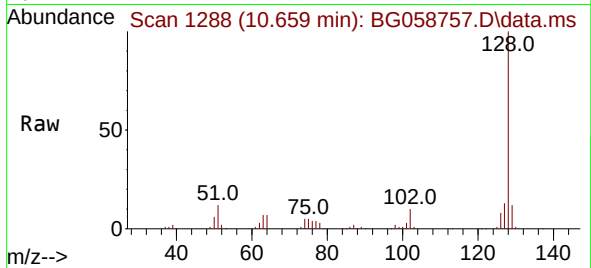
#31
Naphthalene
Concen: 47.087 ng
RT: 10.659 min Scan# 1169
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

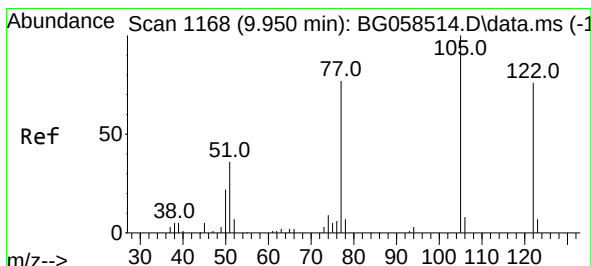
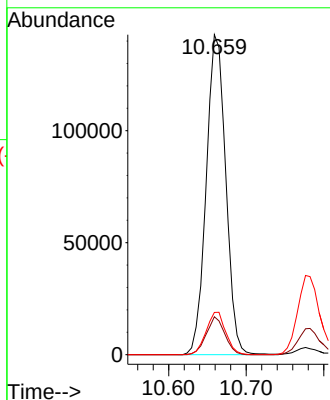
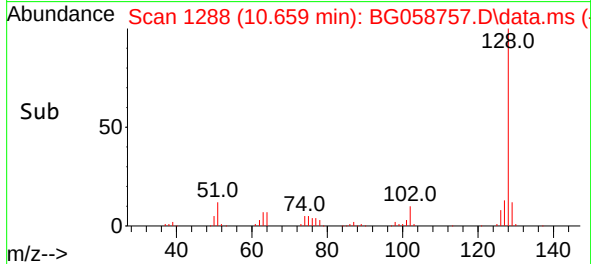


Tgt Ion:128 Resp: 250169
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.2 10.9 16.3

Manual Integrations

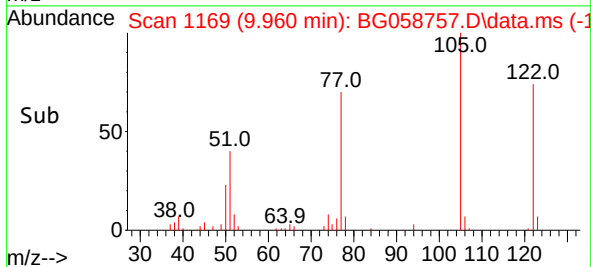
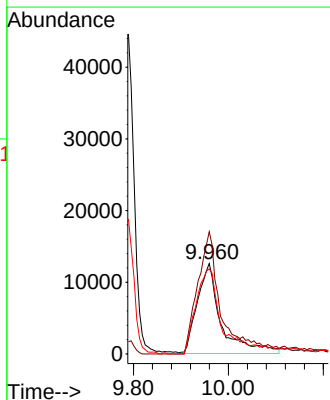
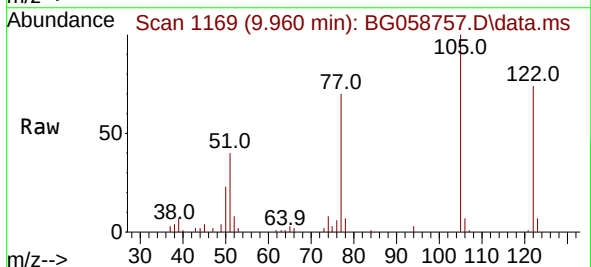
APPROVED

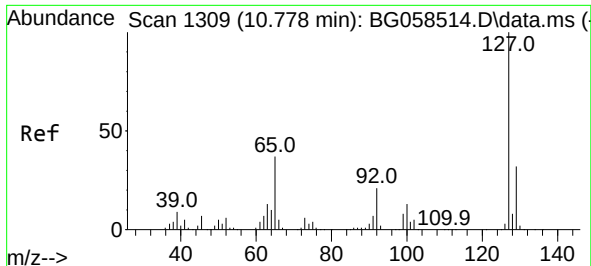
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#32
Benzoic acid
Concen: 38.978 ng m
RT: 9.960 min Scan# 1169
Delta R.T. 0.010 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:122 Resp: 43731
Ion Ratio Lower Upper
122 100
105 135.1 106.5 146.5
77 94.1 78.1 118.1





#33
4-Chloroaniline
Concen: 32.082 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

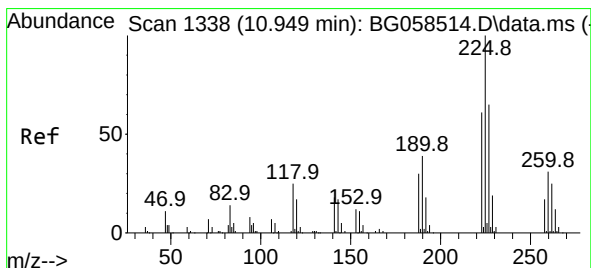
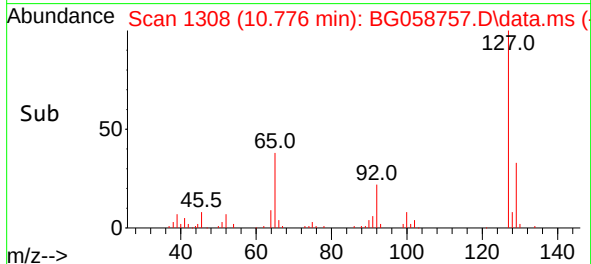
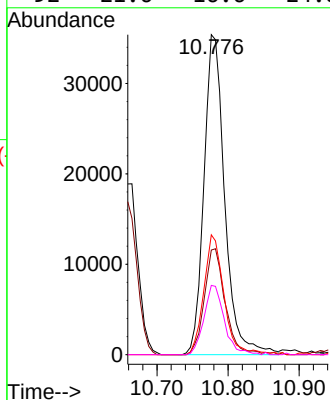
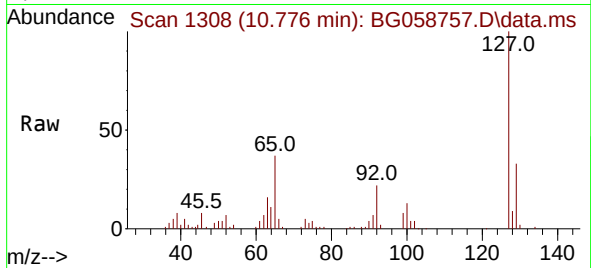
PB154866BS

Tgt Ion:127 Resp: 72010
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.2
65 37.4 29.5 44.3
92 21.6 16.6 24.8

Manual Integrations

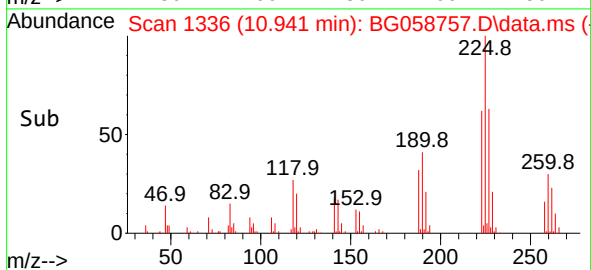
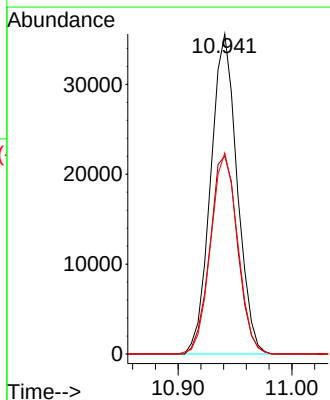
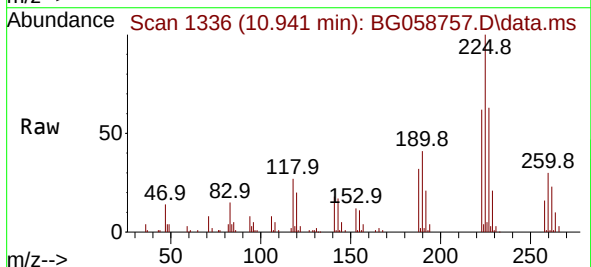
APPROVED

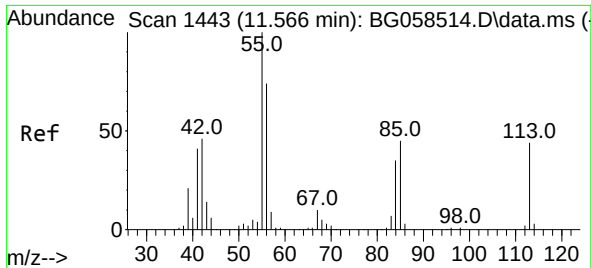
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#34
Hexachlorobutadiene
Concen: 49.626 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:225 Resp: 57641
Ion Ratio Lower Upper
225 100
223 61.9 49.0 73.6
227 62.8 51.7 77.5





#35
Caprolactam
Concen: 50.828 ng m
RT: 11.558 min Scan# 1443
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

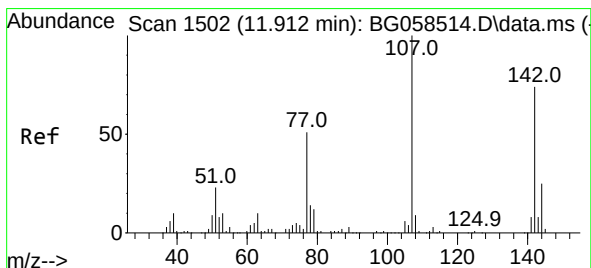
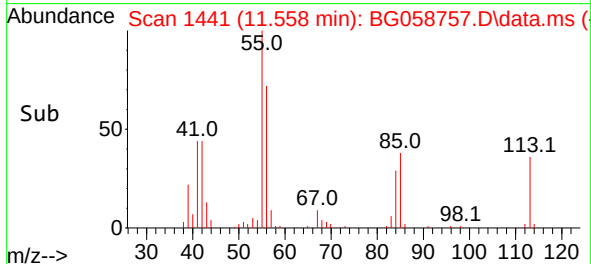
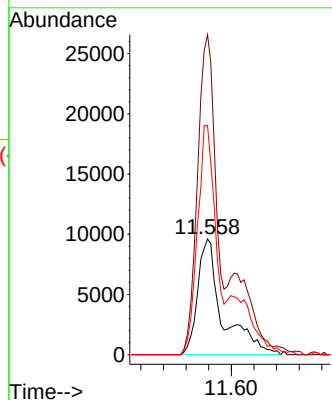
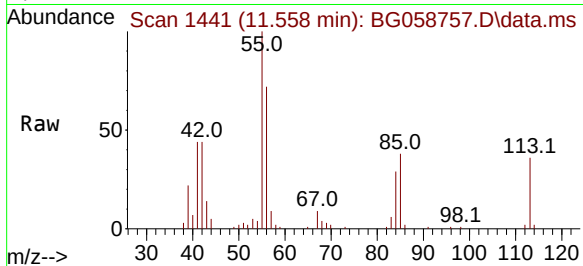
PB154866BS

Tgt Ion:113 Resp: 29354
Ion Ratio Lower Upper
113 100
55 276.7 208.0 248.0
56 198.0 148.6 188.6

Manual Integrations

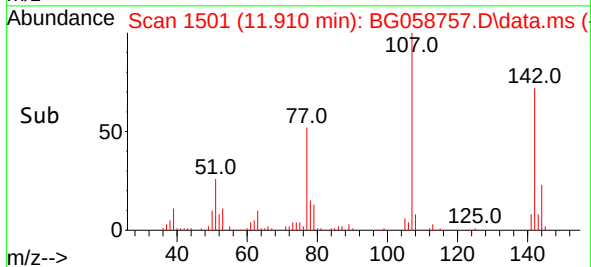
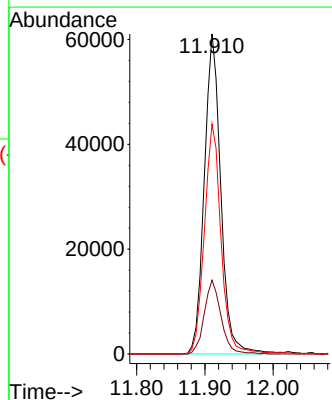
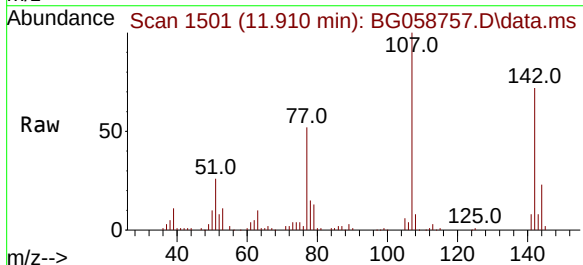
APPROVED

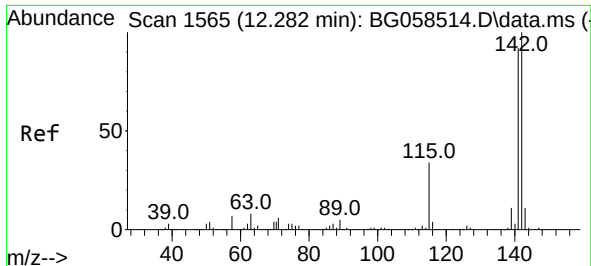
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#36
4-Chloro-3-methylphenol
Concen: 53.219 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:107 Resp: 102958
Ion Ratio Lower Upper
107 100
144 23.0 19.6 29.4
142 71.9 59.3 88.9





#37
2-Methylnaphthalene
Concen: 47.034 ng
RT: 12.275 min Scan# 1563
Delta R.T. -0.008 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

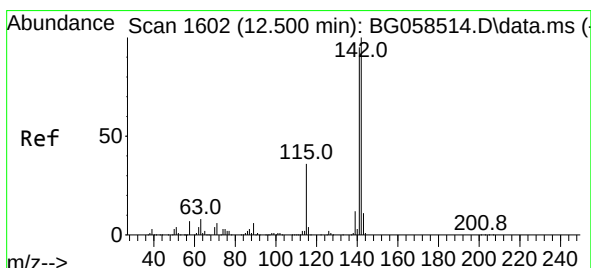
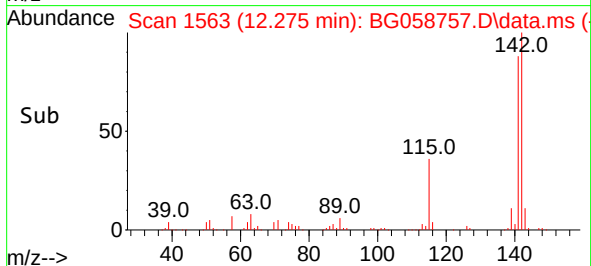
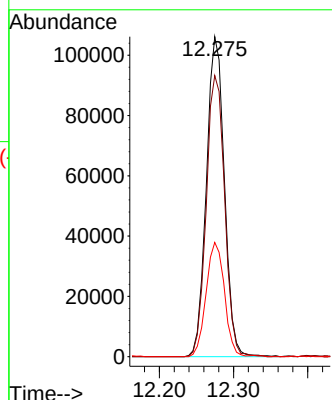
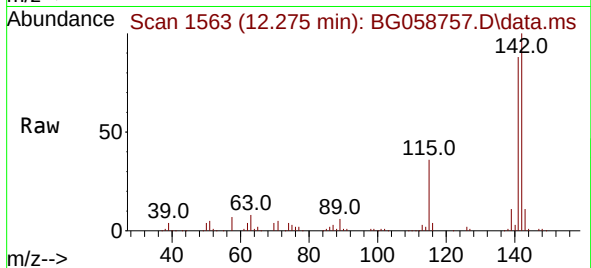
PB154866BS

Tgt Ion:142 Resp: 17874
Ion Ratio Lower Upper
142 100
141 87.9 73.5 110.3
115 35.7 27.4 41.0

Manual Integrations

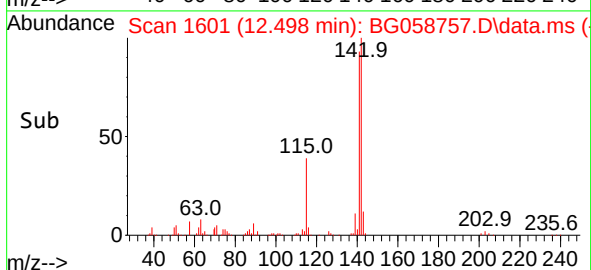
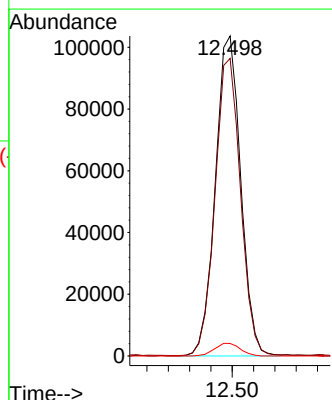
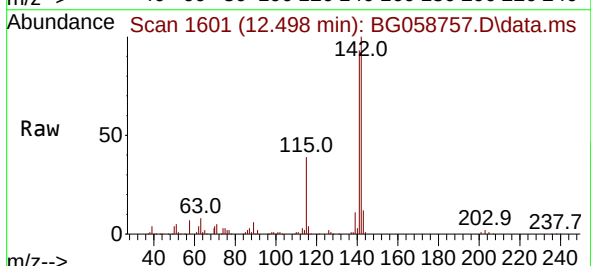
APPROVED

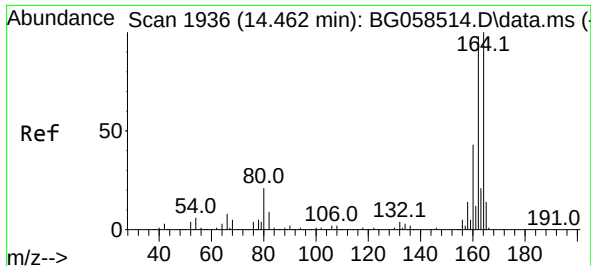
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#38
1-Methylnaphthalene
Concen: 47.437 ng
RT: 12.498 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:142 Resp: 171371
Ion Ratio Lower Upper
142 100
141 93.0 75.7 113.5
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1936

Delta R.T. -0.002 min

Lab File: BG058757.D

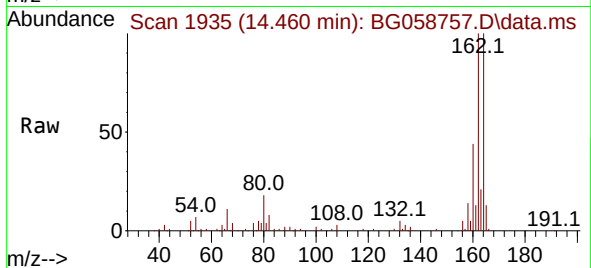
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS



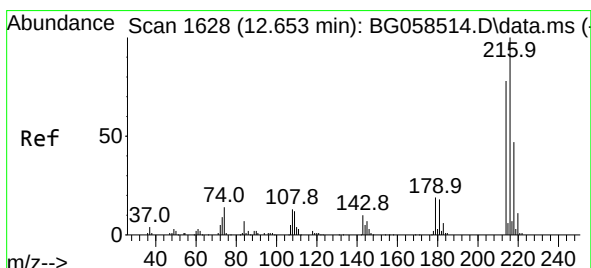
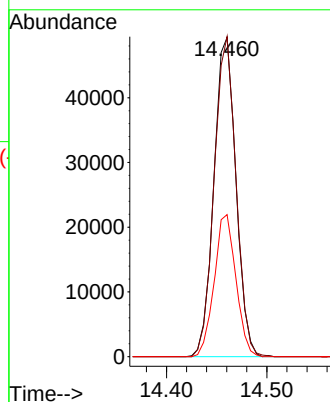
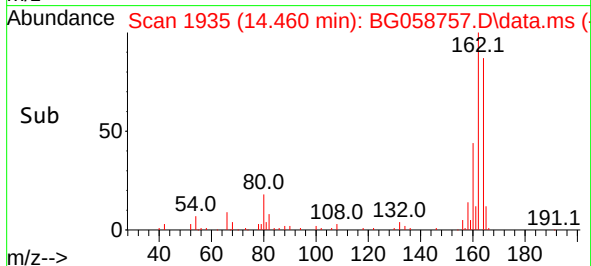
Tgt Ion:164	Resp:	75199
Ion Ratio	Lower	Upper
164	100	
162	100.2	78.3 117.5
160	44.5	34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.096 ng

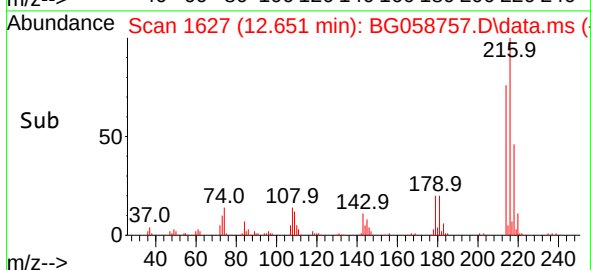
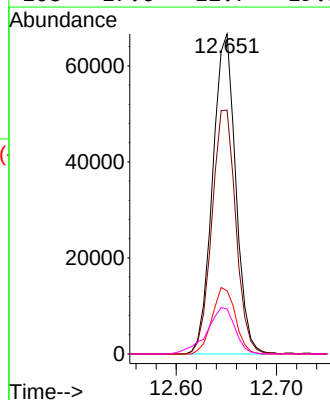
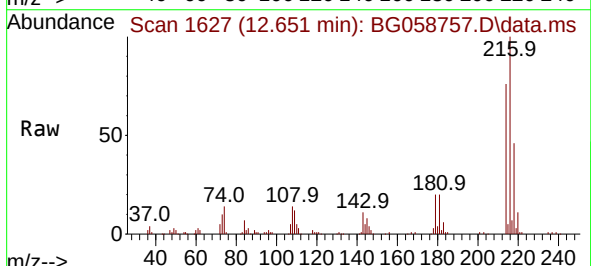
RT: 12.651 min Scan# 1627

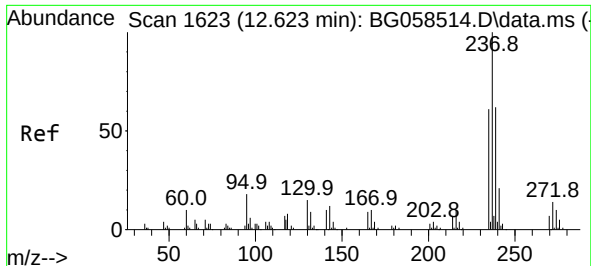
Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Tgt Ion:216	Resp:	106421
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.1 94.7
179	20.9	15.6 23.4
108	17.6	12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 85.352 ng
RT: 12.621 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

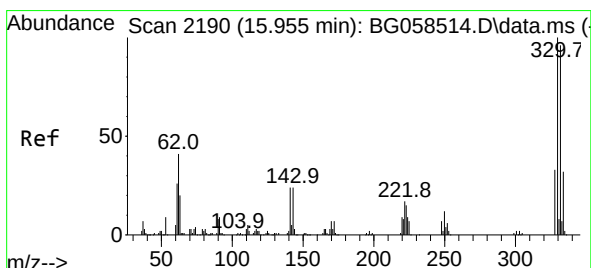
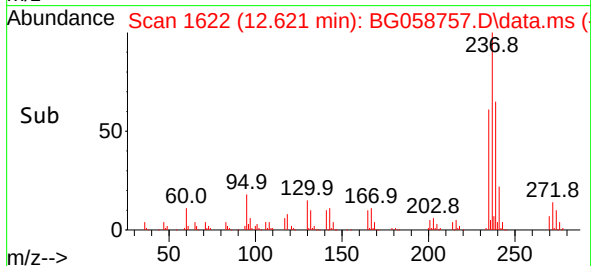
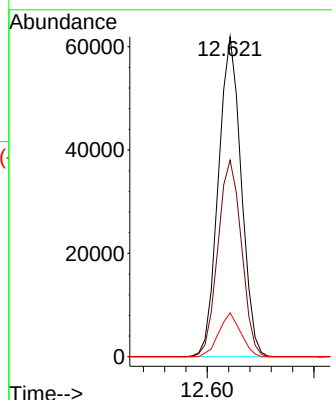
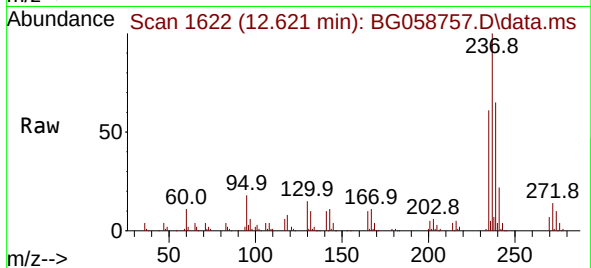
PB154866BS

Tgt Ion:237 Resp: 92059
Ion Ratio Lower Upper
237 100
235 61.4 41.0 81.0
272 13.7 0.0 33.6

Manual Integrations

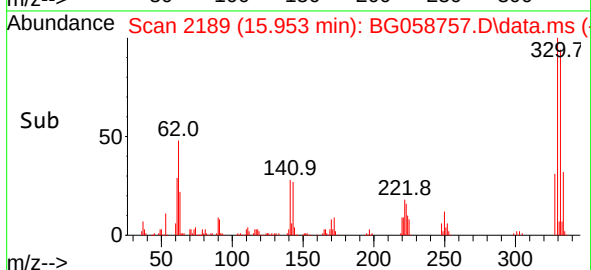
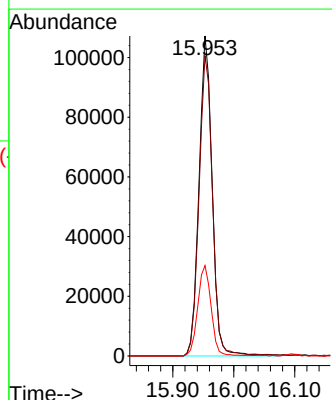
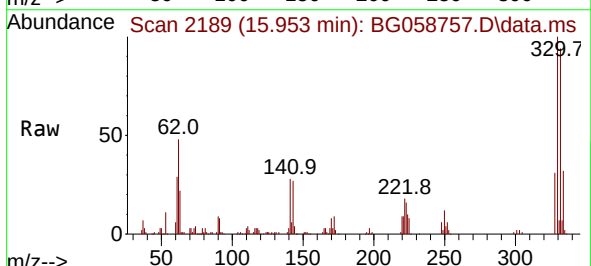
APPROVED

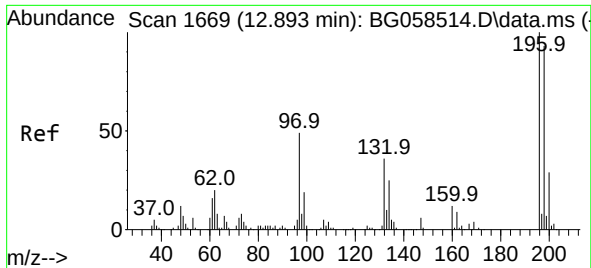
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#42
2,4,6-Tribromophenol
Concen: 130.925 ng
RT: 15.953 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:330 Resp: 161374
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 28.7 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 47.976 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

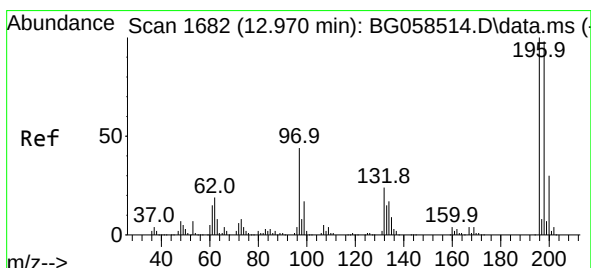
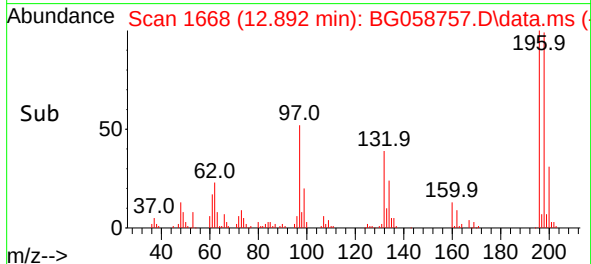
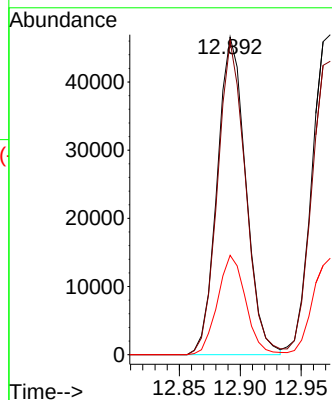
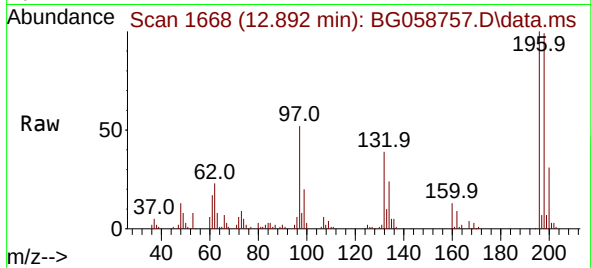
PB154866BS

Tgt Ion:196 Resp: 76184
Ion Ratio Lower Upper
196 100
198 98.8 74.2 111.4
200 31.3 22.9 34.3

Manual Integrations

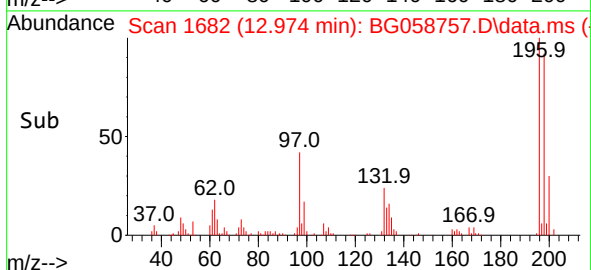
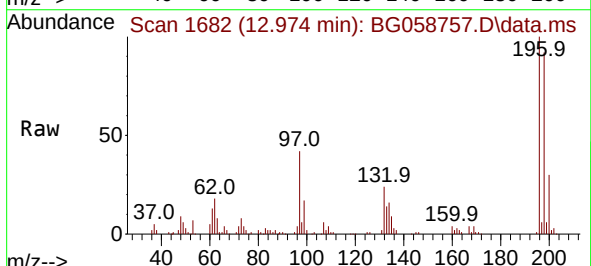
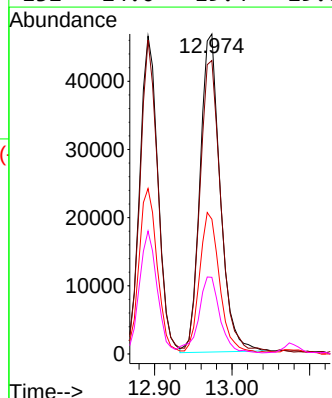
APPROVED

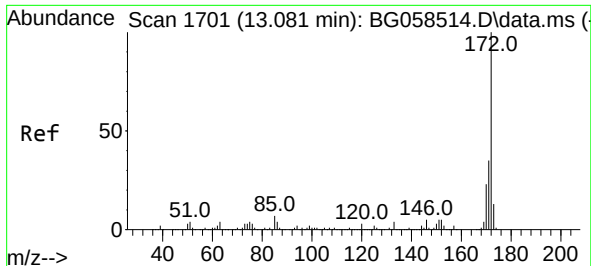
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#44
2,4,5-Trichlorophenol
Concen: 45.191 ng
RT: 12.974 min Scan# 1682
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:196 Resp: 84524
Ion Ratio Lower Upper
196 100
198 91.7 78.3 117.5
97 42.1 35.2 52.8
132 24.0 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 88.703 ng
RT: 13.080 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

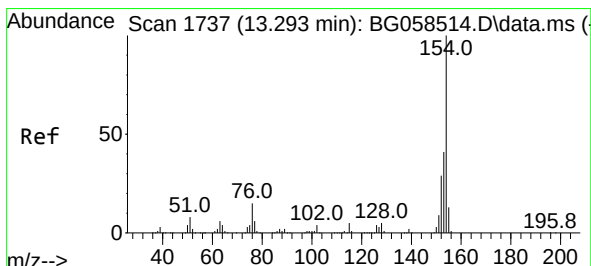
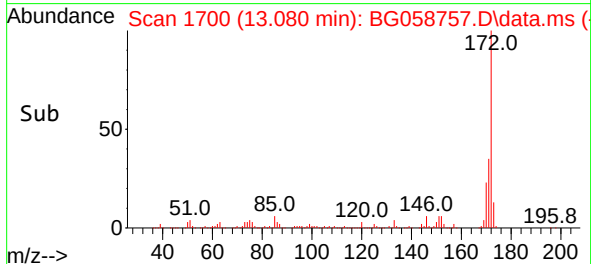
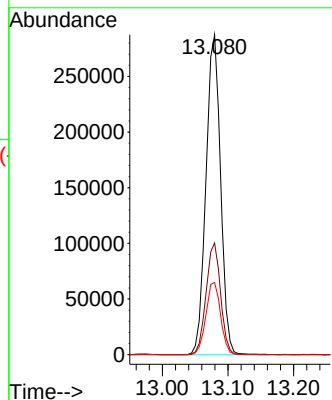
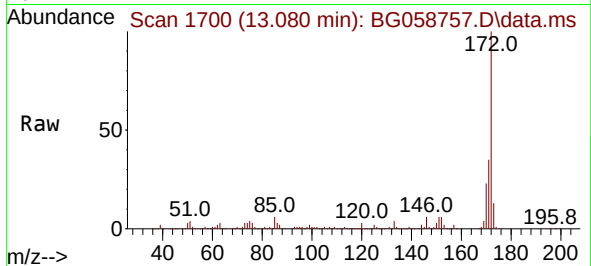
PB154866BS

Tgt Ion:172 Resp: 445110
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.6 18.4 27.6

Manual Integrations

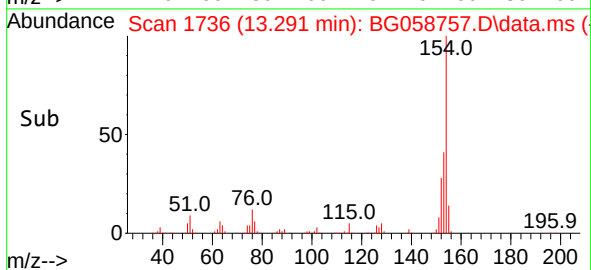
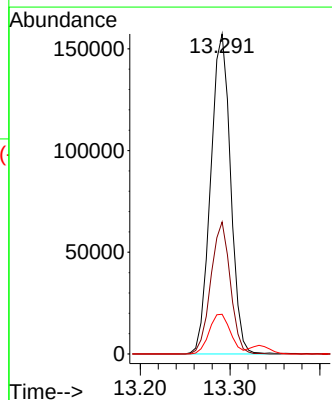
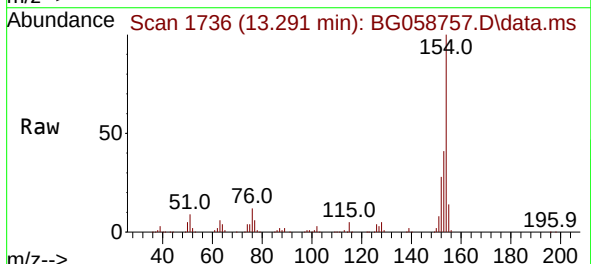
APPROVED

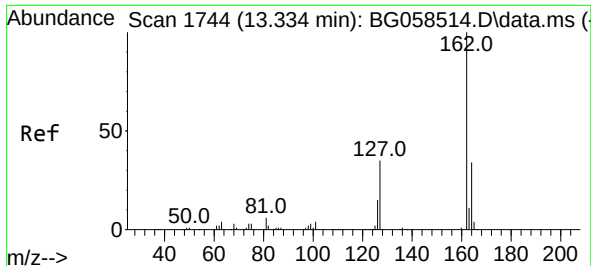
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#46
1,1'-Biphenyl
Concen: 46.828 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:154 Resp: 241833
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 12.4 0.0 34.7





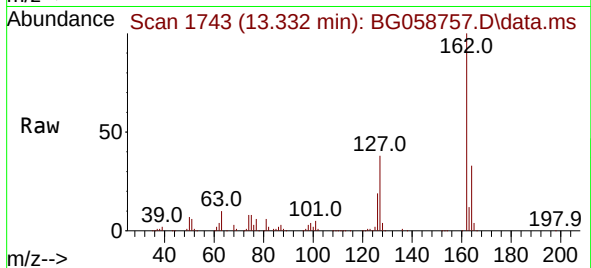
#47
2-Chloronaphthalene
Concen: 48.730 ng
RT: 13.332 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS



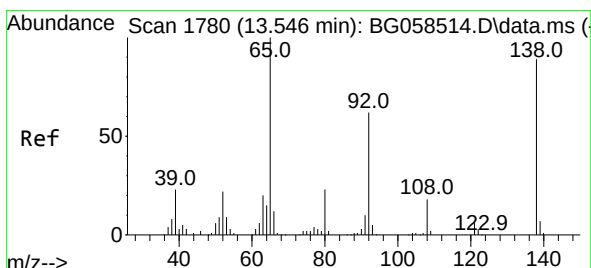
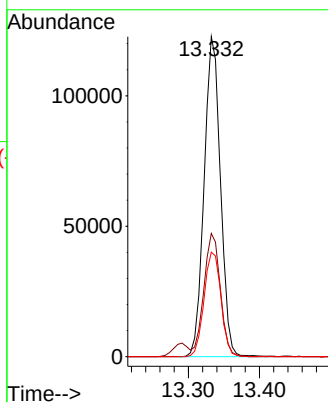
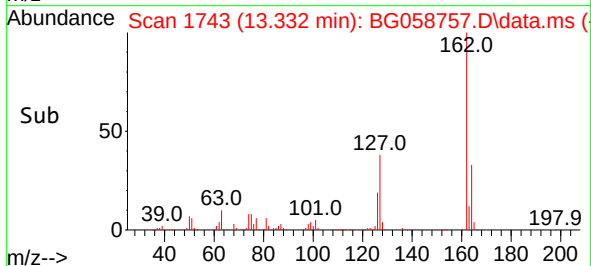
Tgt Ion:162 Resp: 196218
Ion Ratio Lower Upper
162 100
127 38.5 30.9 46.3
164 32.7 27.2 40.8

Manual Integrations

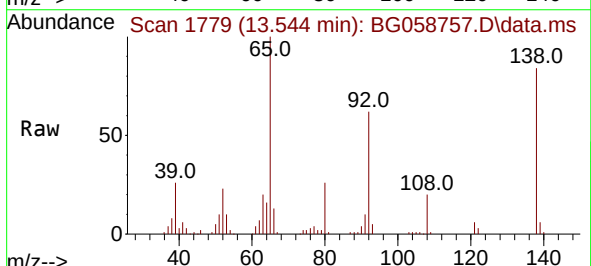
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

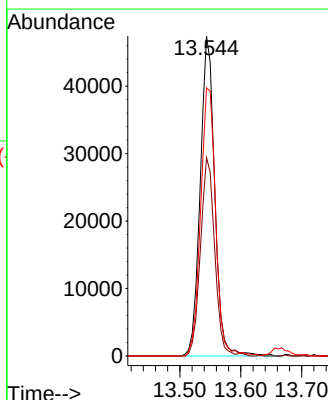
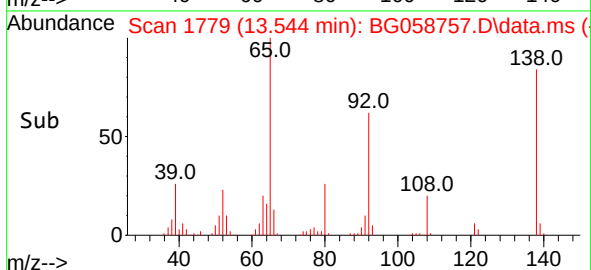
Supervised By :mohammad ahmed 08/18/2023

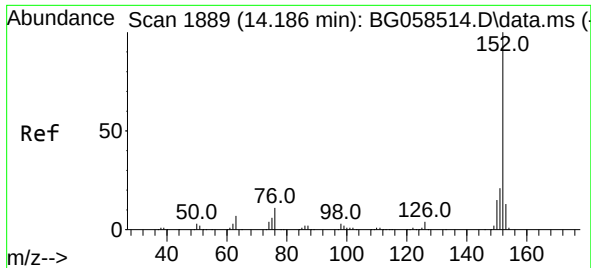


#48
2-Nitroaniline
Concen: 50.981 ng
RT: 13.544 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion: 65 Resp: 78355
Ion Ratio Lower Upper
65 100
92 62.0 49.2 73.8
138 83.8 71.5 107.3





#49
Acenaphthylene
Concen: 48.406 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

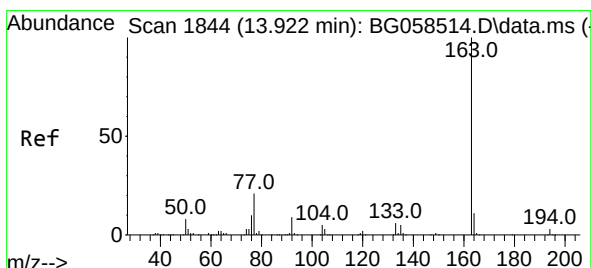
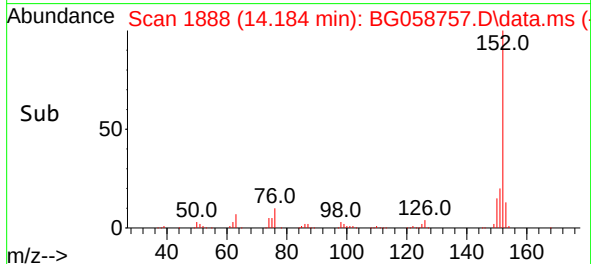
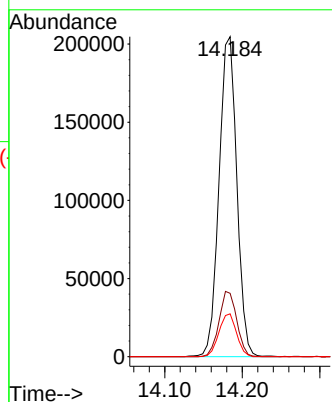
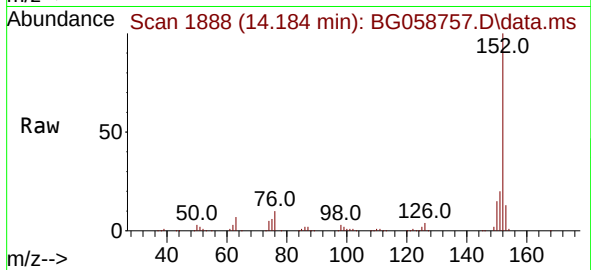
PB154866BS

Tgt Ion:152 Resp: 326328
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 13.4 10.7 16.1

Manual Integrations

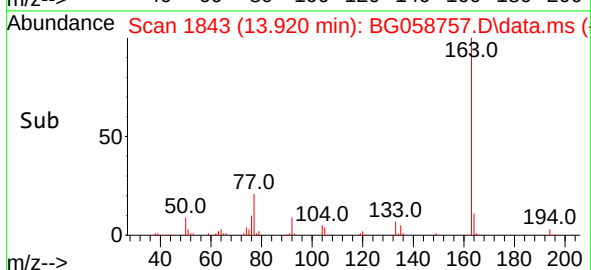
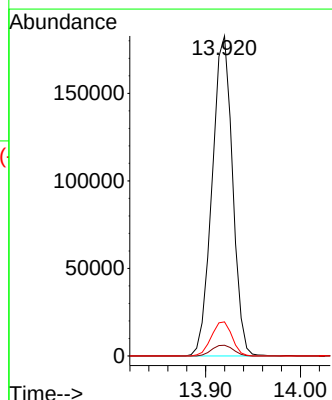
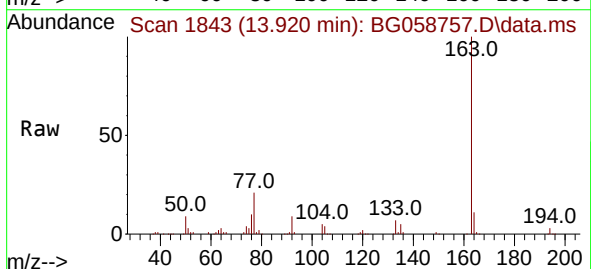
APPROVED

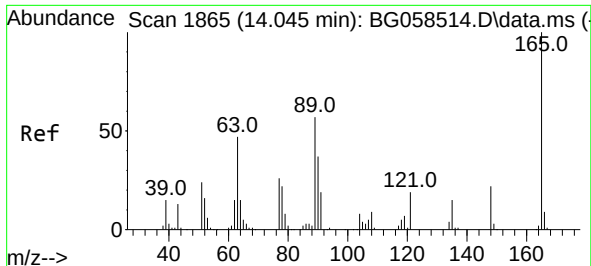
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#50
Dimethylphthalate
Concen: 48.345 ng
RT: 13.920 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:163 Resp: 273036
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 49.425 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

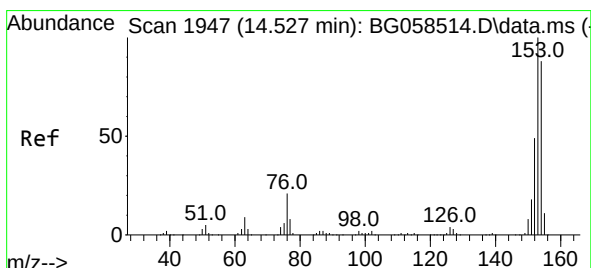
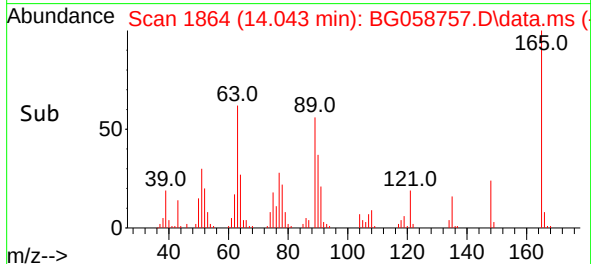
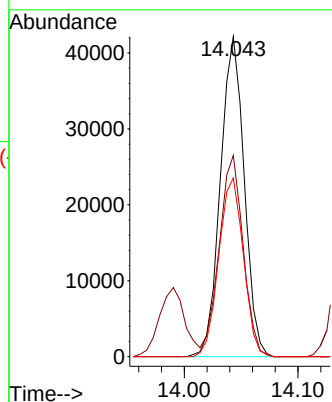
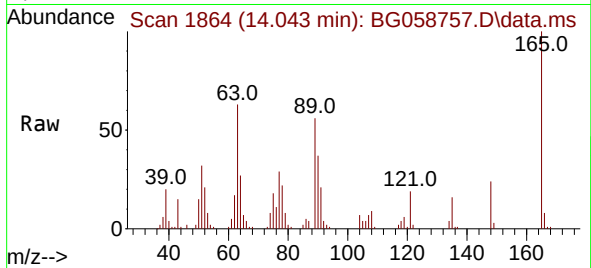
ClientSampleId :

PB154866BS

Tgt Ion:165 Resp: 6124
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 55.9 45.3 67.9

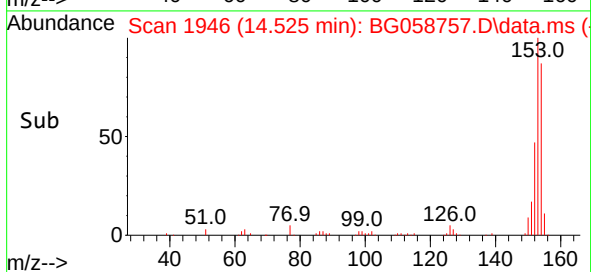
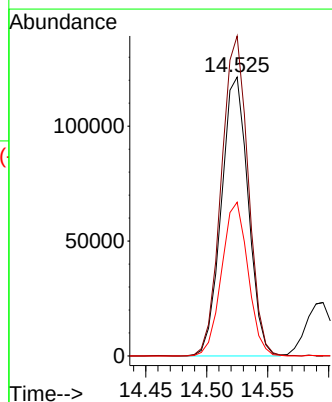
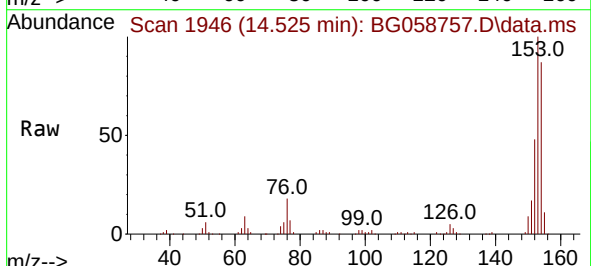
Manual Integrations
APPROVED

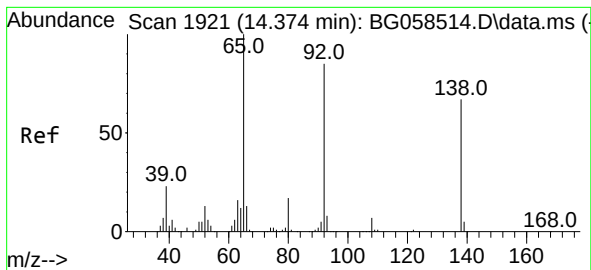
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#52
Acenaphthene
Concen: 47.665 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:154 Resp: 185672
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 55.1 44.6 66.8





#53
3-Nitroaniline
Concen: 35.373 ng
RT: 14.372 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

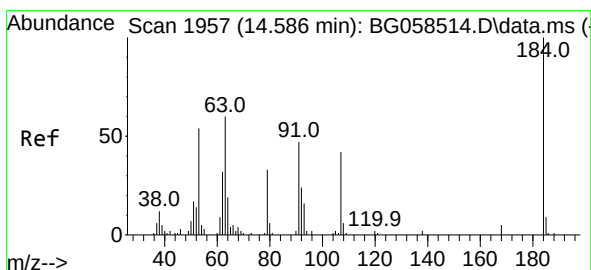
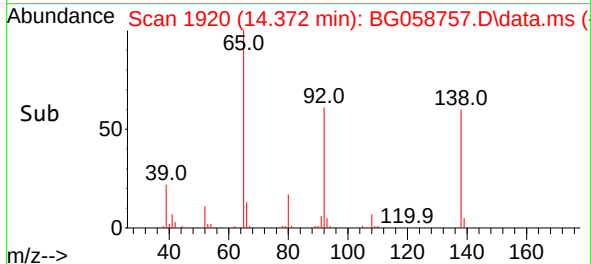
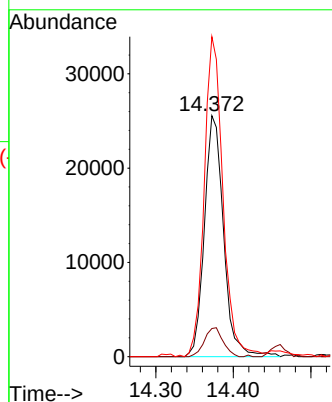
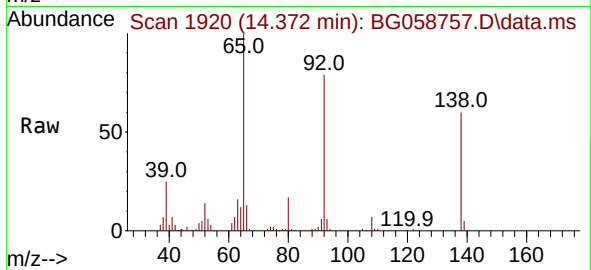
PB154866BS

Tgt Ion:138 Resp: 43850
Ion Ratio Lower Upper
138 100
108 11.7 8.3 12.5
92 132.8 101.1 151.7

Manual Integrations

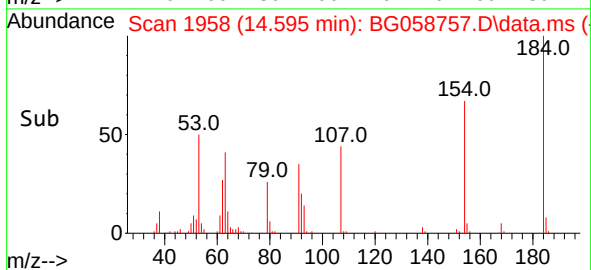
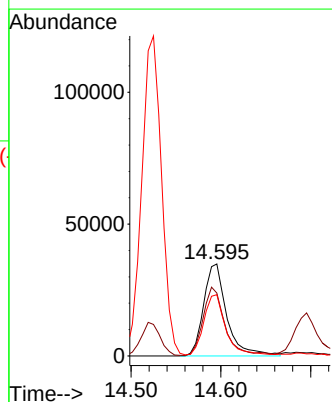
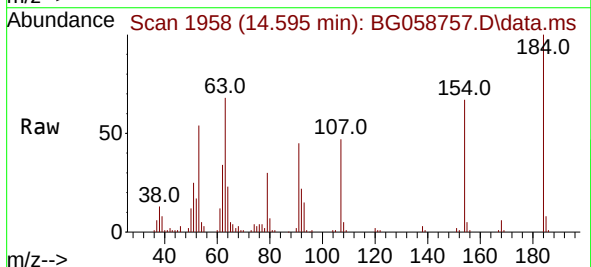
APPROVED

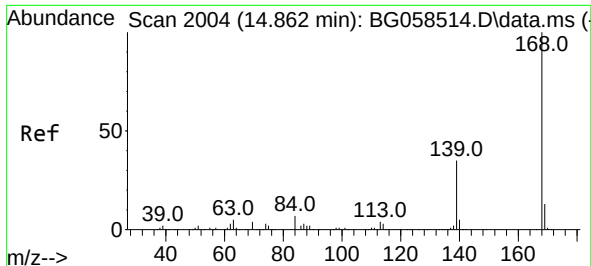
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#54
2,4-Dinitrophenol
Concen: 88.622 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.009 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

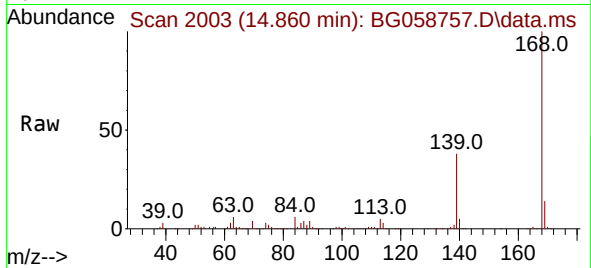
Tgt Ion:184 Resp: 62529
Ion Ratio Lower Upper
184 100
63 68.3 56.7 85.1
154 66.6 46.1 69.1





#55
Dibenzenofuran
Concen: 47.502 ng
RT: 14.860 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

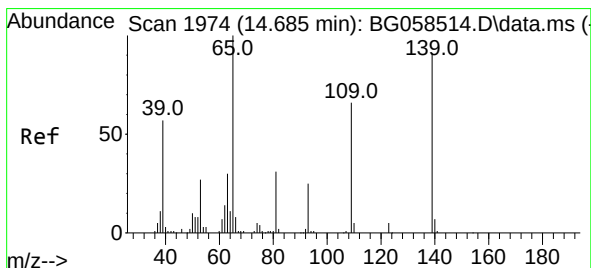
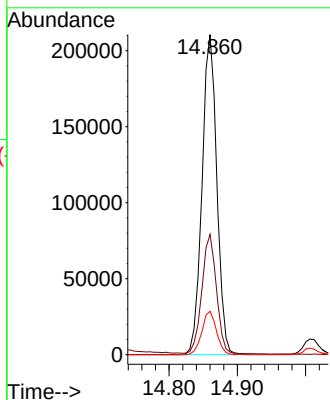
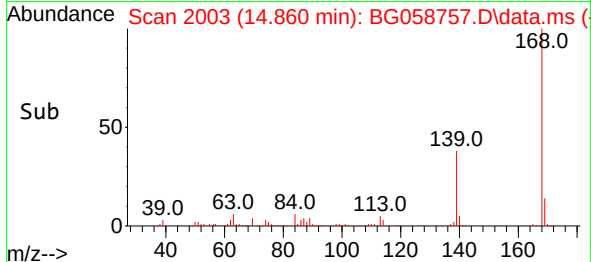
Instrument :
BNA_G
ClientSampleId :
PB154866BS



Tgt Ion:168 Resp: 31795
Ion Ratio Lower Upper
168 100
139 37.6 27.8 41.8
169 13.5 10.6 16.0

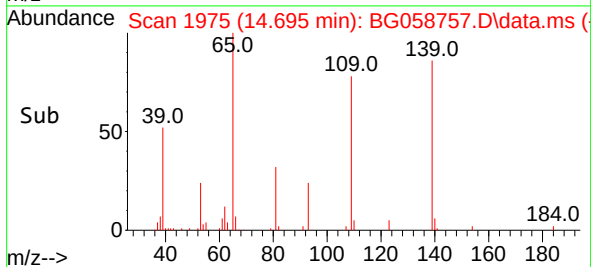
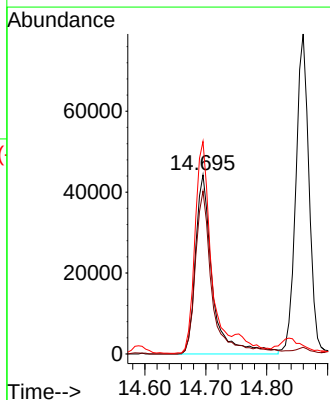
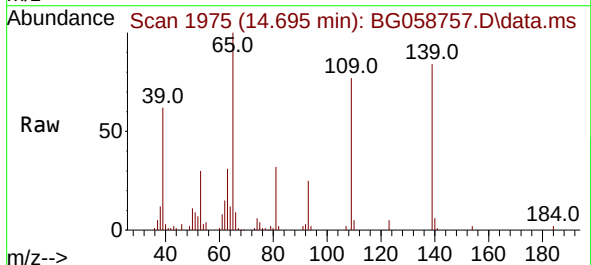
Manual Integrations
APPROVED

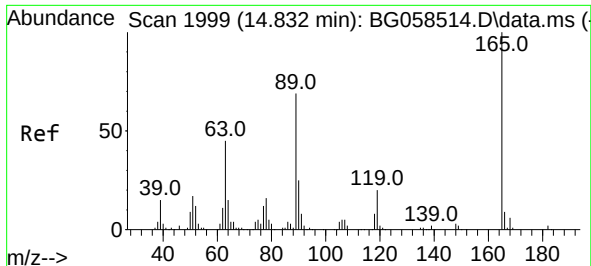
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#56
4-Nitrophenol
Concen: 93.008 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:139 Resp: 85964
Ion Ratio Lower Upper
139 100
109 90.9 52.5 92.5
65 118.6 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 51.865 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

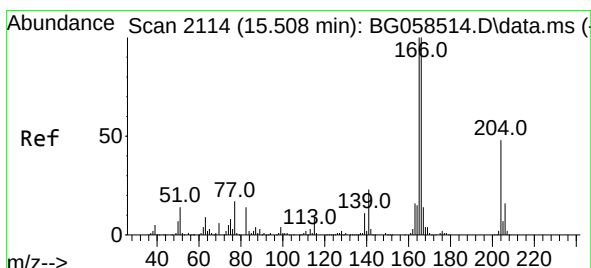
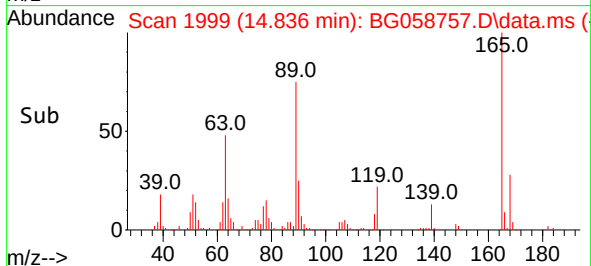
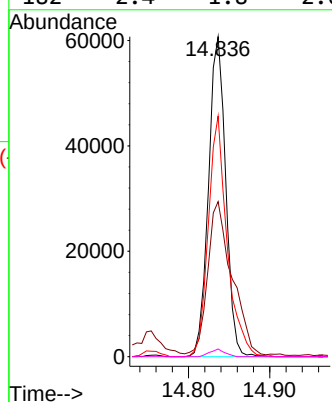
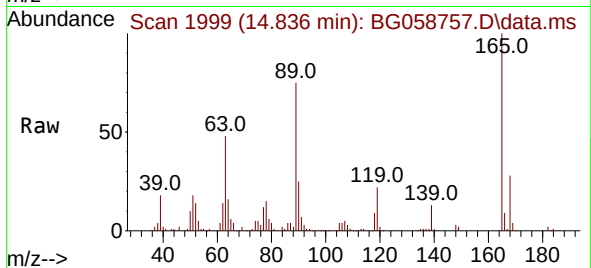
PB154866BS

Tgt Ion:165 Resp: 8910
Ion Ratio Lower Upper
165 100
63 48.4 36.6 54.8
89 75.2 55.4 83.0
182 2.4 1.8 2.6

Manual Integrations

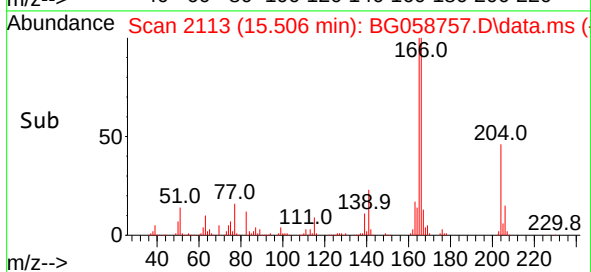
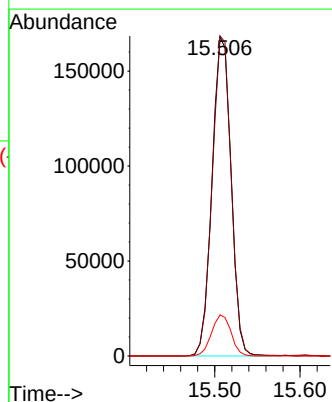
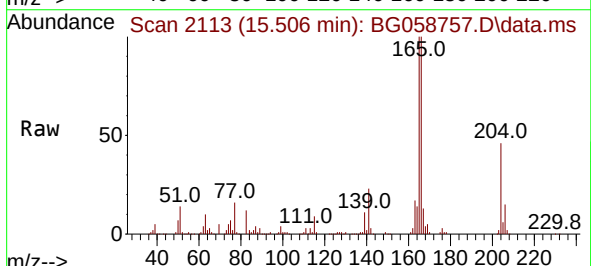
APPROVED

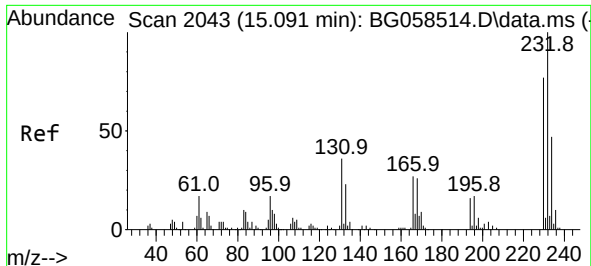
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#58
Fluorene
Concen: 49.004 ng
RT: 15.506 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:166 Resp: 260573
Ion Ratio Lower Upper
166 100
165 100.3 80.0 120.0
167 12.9 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.349 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

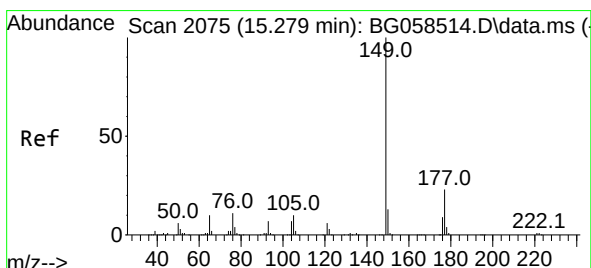
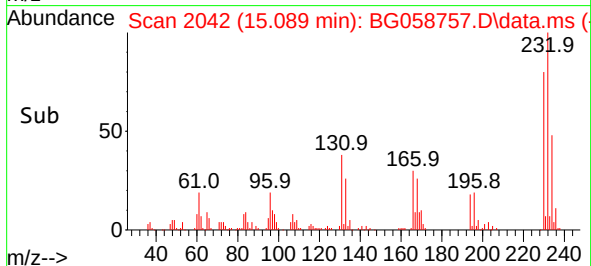
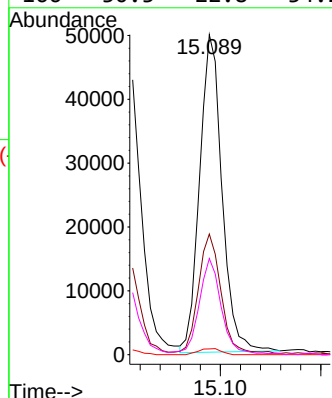
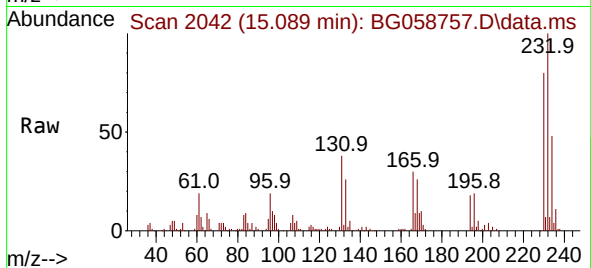
PB154866BS

Tgt Ion:232 Resp: 77160
Ion Ratio Lower Upper
232 100
131 38.1 30.0 45.0
130 1.9 1.5 2.3
166 30.3 22.8 34.2

Manual Integrations

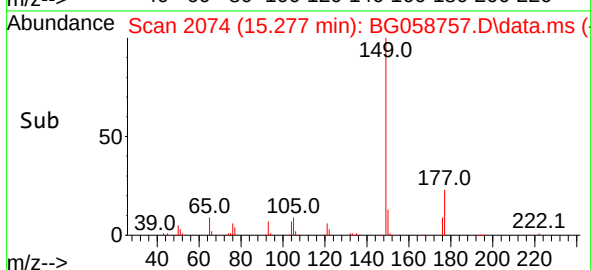
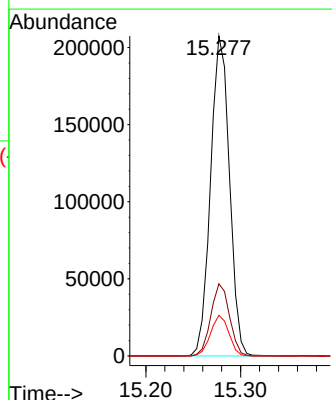
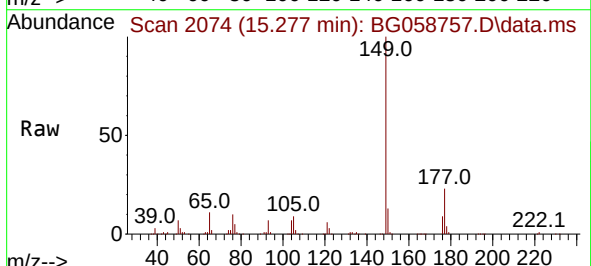
APPROVED

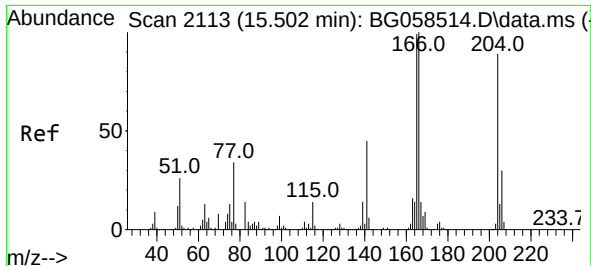
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#60
Diethylphthalate
Concen: 49.932 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:149 Resp: 287288
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.767 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

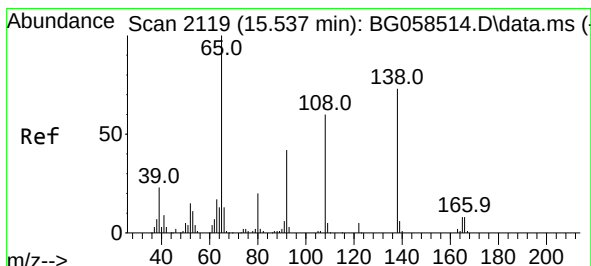
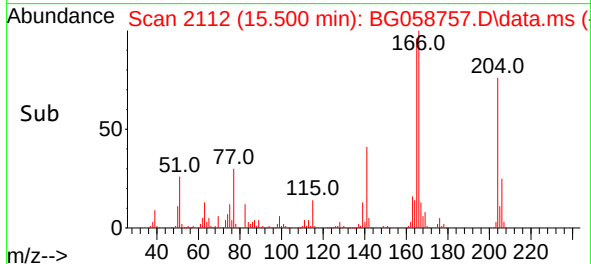
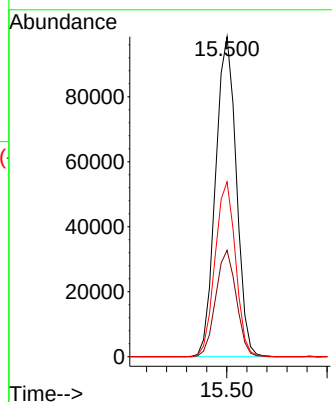
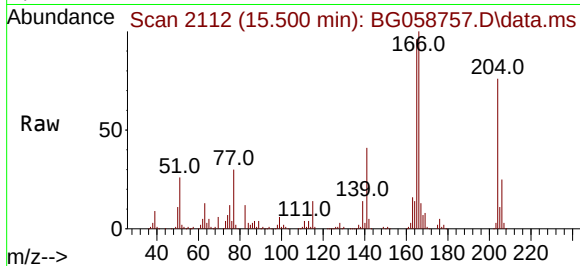
ClientSampleId :

PB154866BS

Tgt Ion:204 Resp: 141604
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 54.6 40.8 61.2

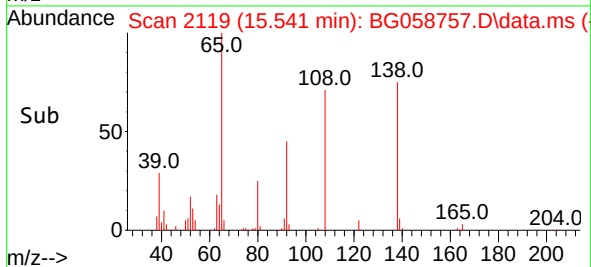
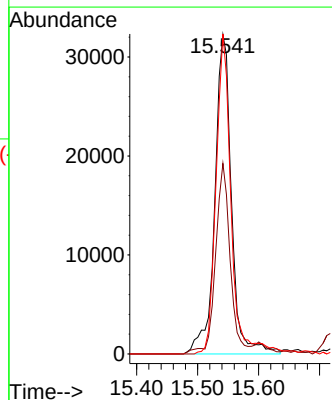
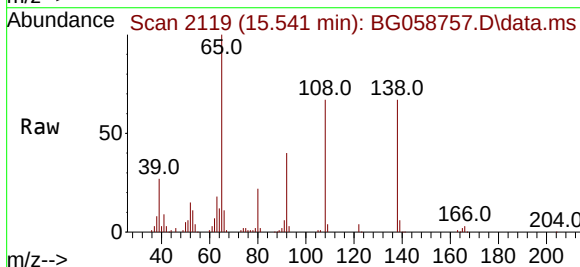
Manual Integrations
APPROVED

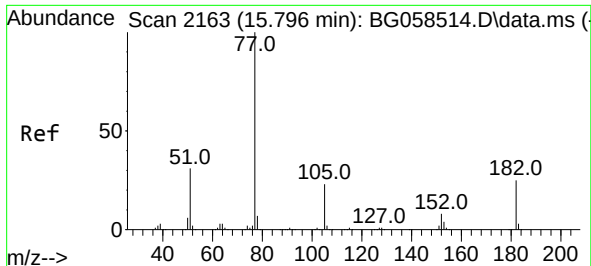
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#62
4-Nitroaniline
Concen: 52.212 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:138 Resp: 61321
Ion Ratio Lower Upper
138 100
92 59.7 37.3 77.3
108 100.2 62.6 102.6





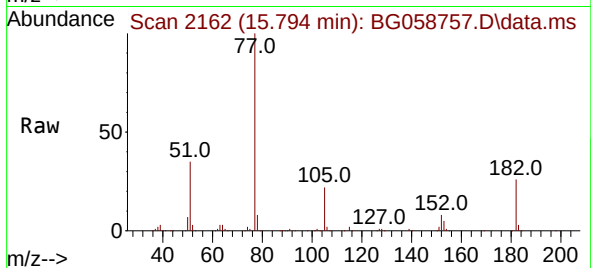
#63
Azobenzene
Concen: 47.093 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

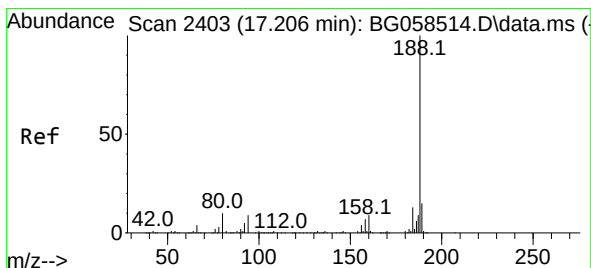
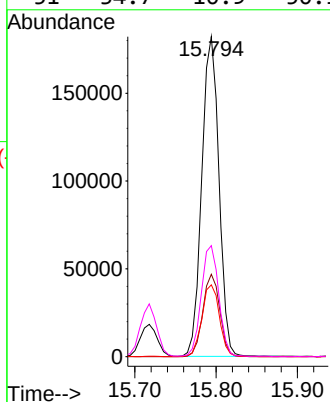
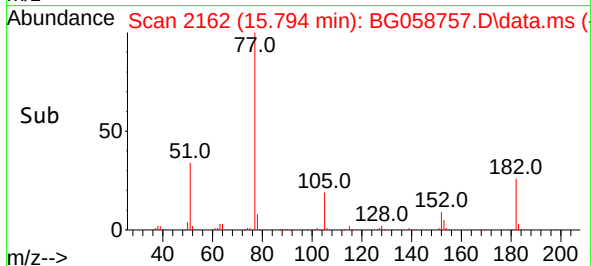


Tgt Ion: 77 Resp: 266880
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 22.5 3.3 43.3
51 34.7 10.9 50.9

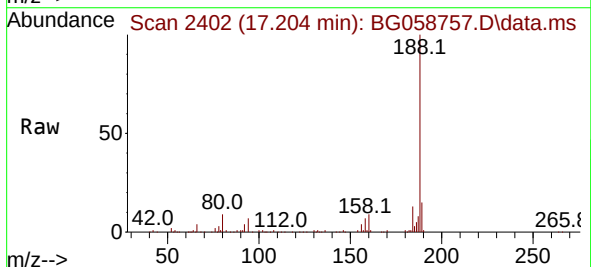
Manual Integrations

APPROVED

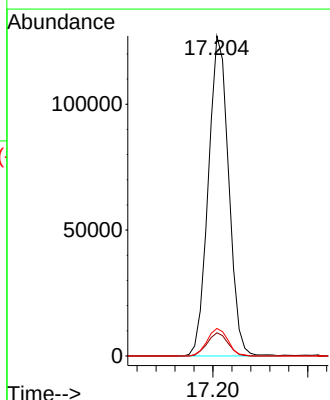
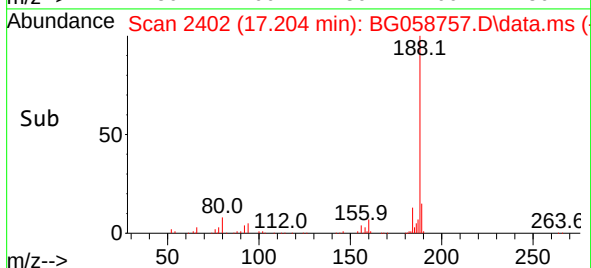
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

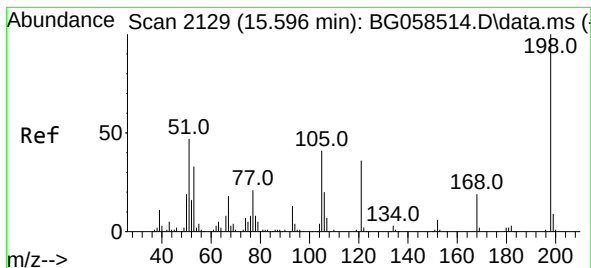


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion:188 Resp: 189457
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.6 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.184 ng
RT: 15.606 min Scan# 2110
Delta R.T. 0.010 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

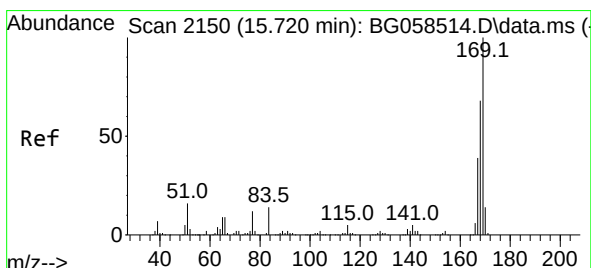
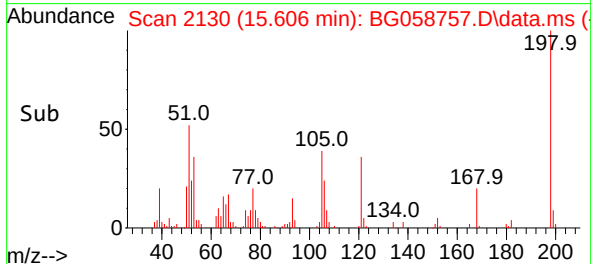
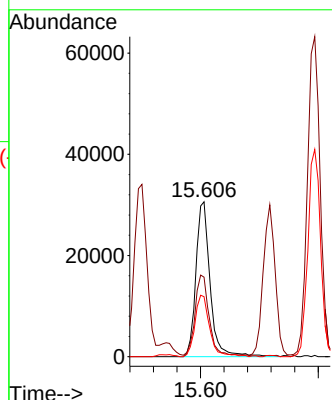
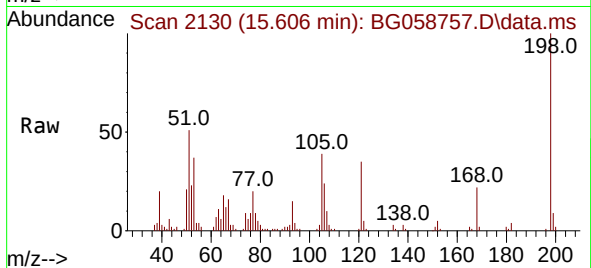
PB154866BS

Tgt Ion:198 Resp: 51380
Ion Ratio Lower Upper
198 100
51 51.3 29.3 69.3
105 38.7 21.0 61.0

Manual Integrations

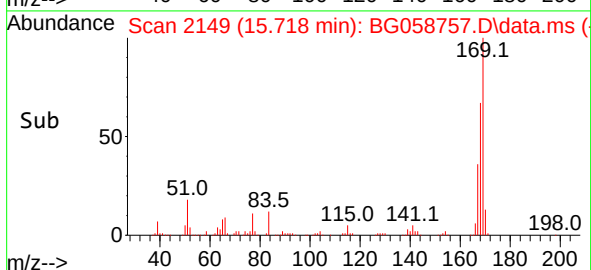
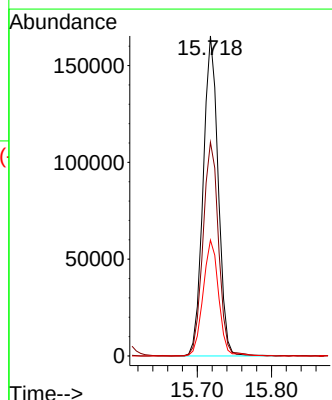
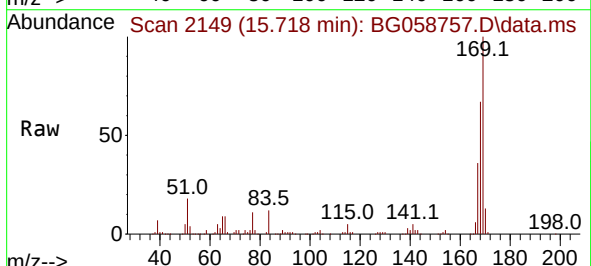
APPROVED

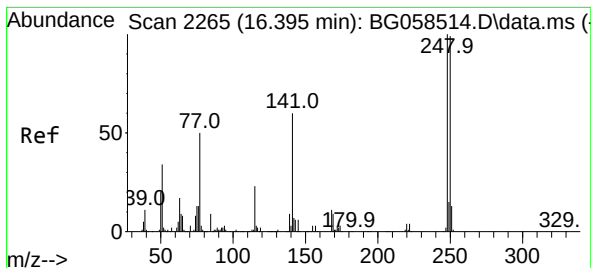
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#66
n-Nitrosodiphenylamine
Concen: 47.351 ng
RT: 15.718 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:169 Resp: 233488
Ion Ratio Lower Upper
169 100
168 66.8 54.6 82.0
167 36.2 31.3 46.9





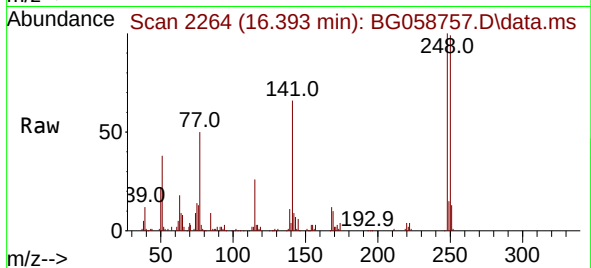
#67
4-Bromophenyl-phenylether
Concen: 45.668 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

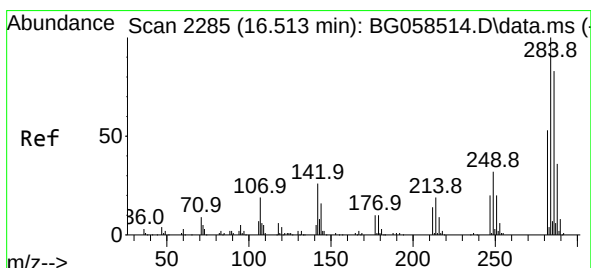
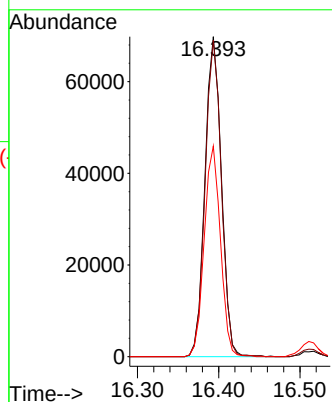
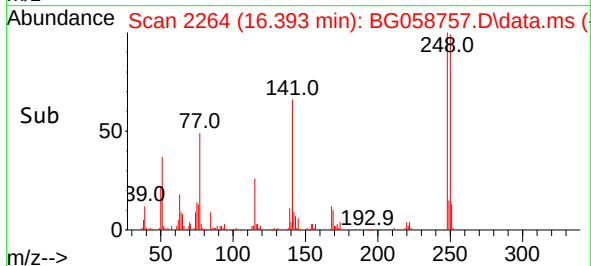


Tgt Ion:248 Resp: 98134
Ion Ratio Lower Upper
248 100
250 98.9 79.5 119.3
141 65.8 48.2 72.2

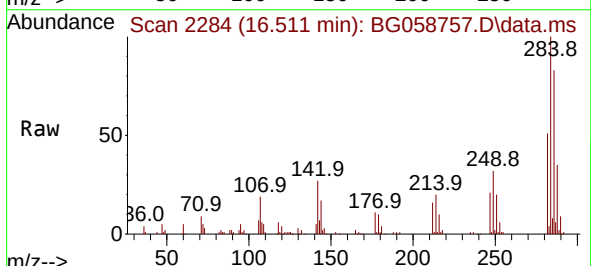
Manual Integrations

APPROVED

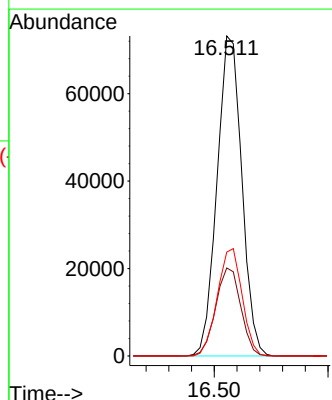
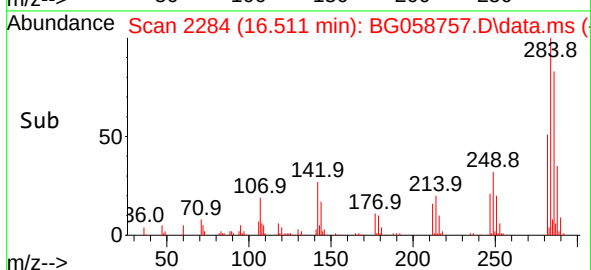
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

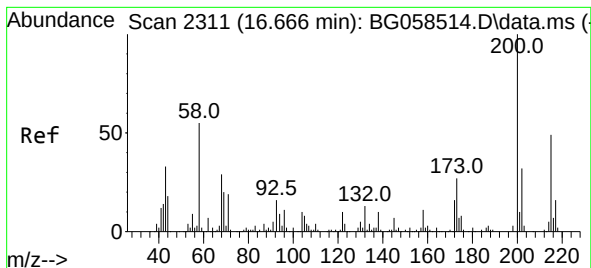


#68
Hexachlorobenzene
Concen: 48.622 ng
RT: 16.511 min Scan# 2284
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion:284 Resp: 110715
Ion Ratio Lower Upper
284 100
142 27.5 21.0 31.4
249 32.5 25.5 38.3





#69

Atrazine

Concen: 58.614 ng

RT: 16.670 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

Tgt Ion:200 Resp: 9756

Ion Ratio Lower Upper

200 100

173 24.4 6.5 46.5

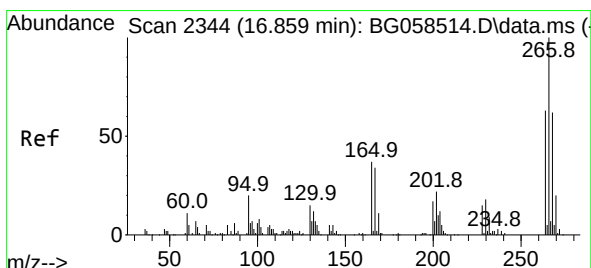
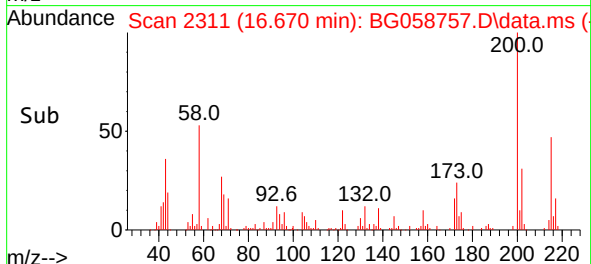
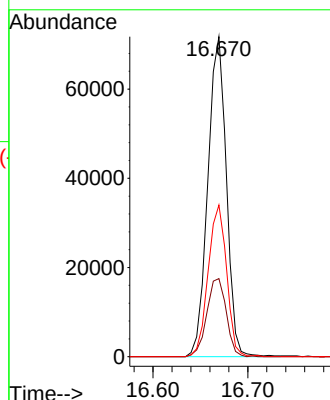
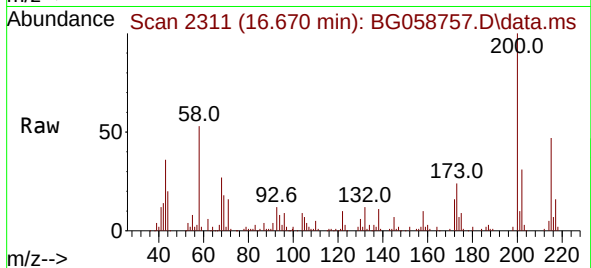
215 47.4 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#70

Pentachlorophenol

Concen: 71.371 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

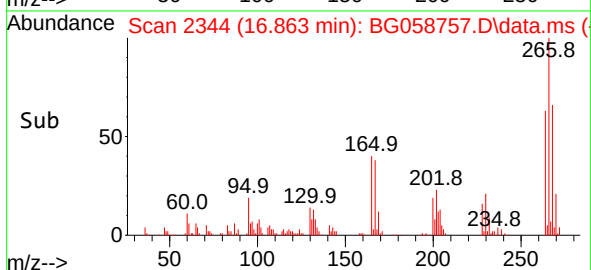
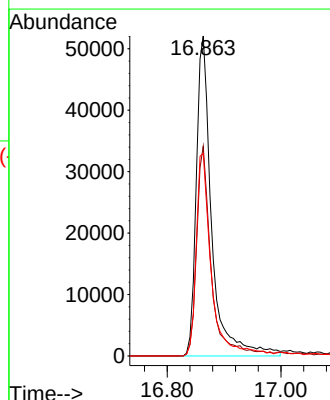
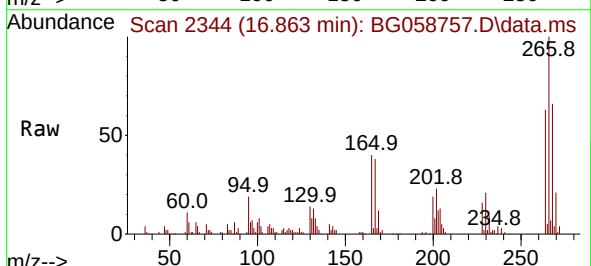
Tgt Ion:266 Resp: 98367

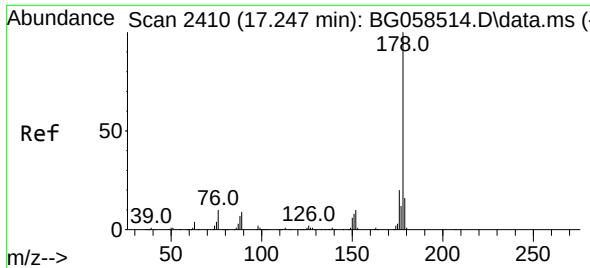
Ion Ratio Lower Upper

266 100

268 65.6 49.9 74.9

264 63.3 50.2 75.4





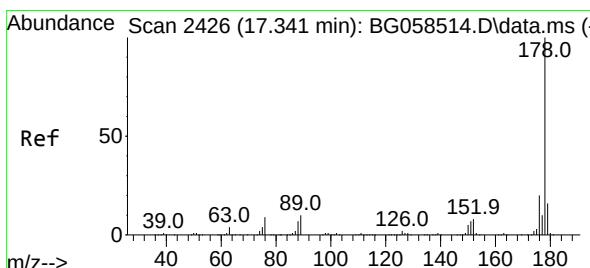
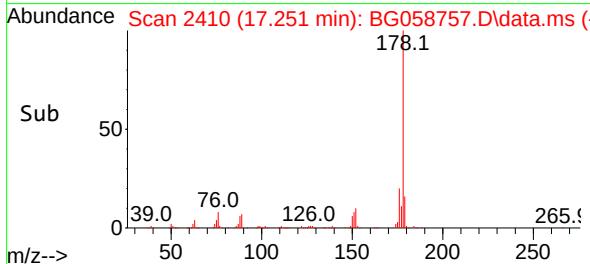
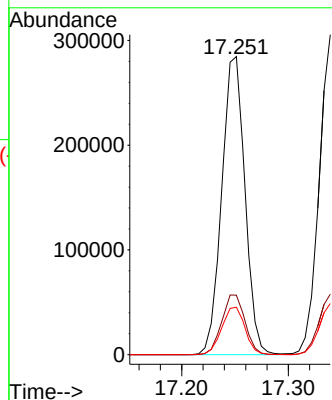
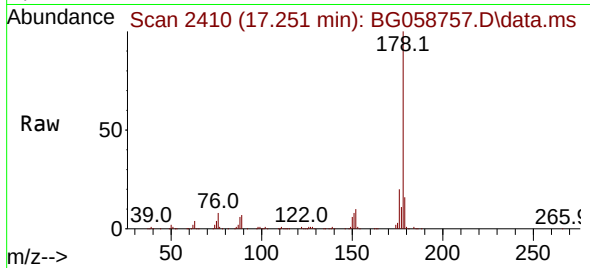
#71
Phenanthrene
Concen: 47.829 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :
BNA_G
ClientSampleId :
PB154866BS

Tgt Ion:178 Resp: 429730
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.9 13.1 19.7

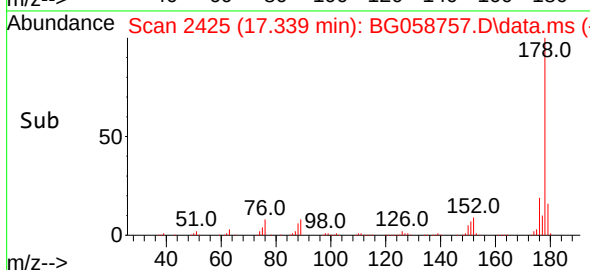
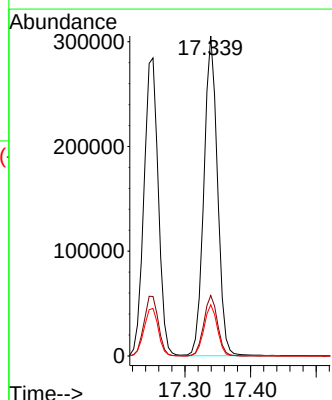
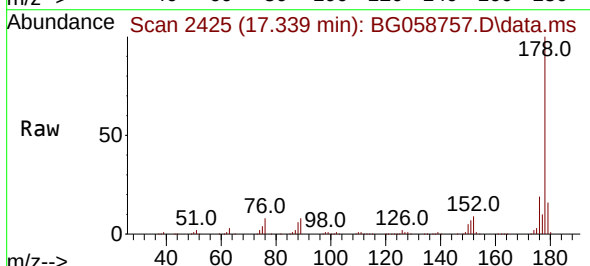
Manual Integrations
APPROVED

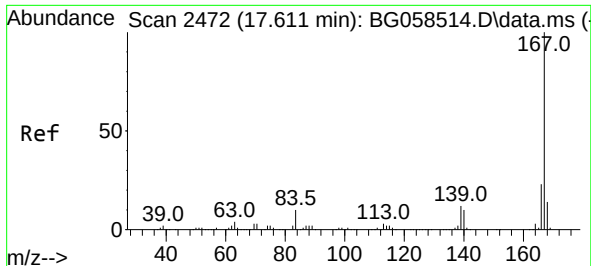
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#72
Anthracene
Concen: 47.773 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

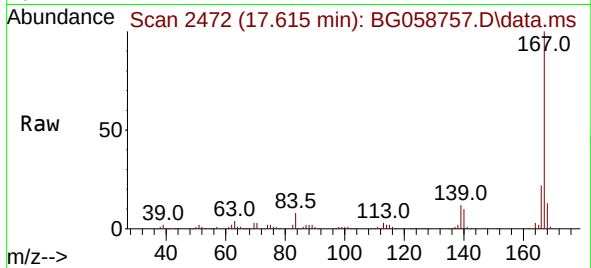
Tgt Ion:178 Resp: 440431
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 49.438 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

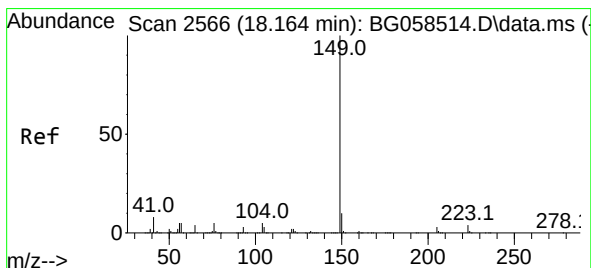
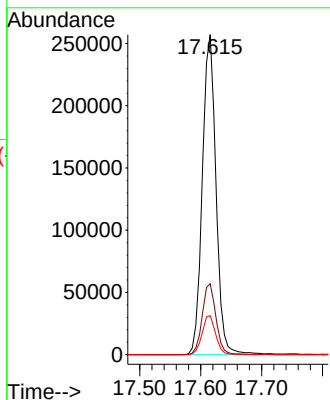
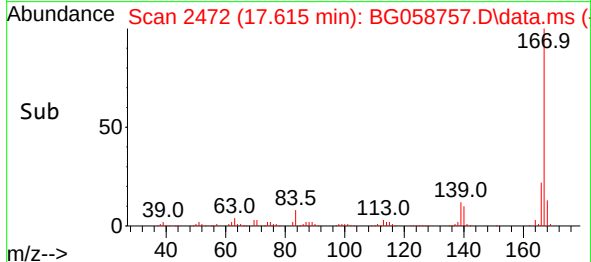
Instrument :
 BNA_G
 ClientSampleId :
 PB154866BS



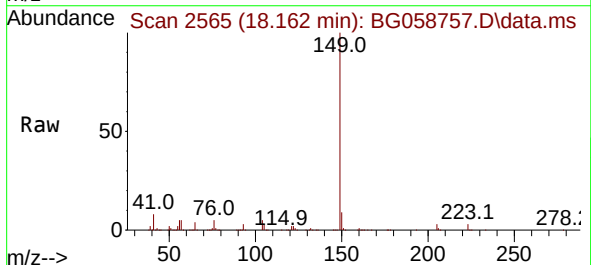
Tgt Ion:167 Resp: 401910
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 12.2 10.0 15.0

Manual Integrations
 APPROVED

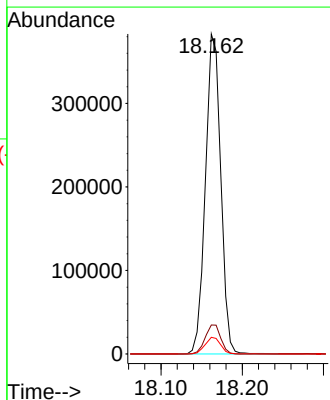
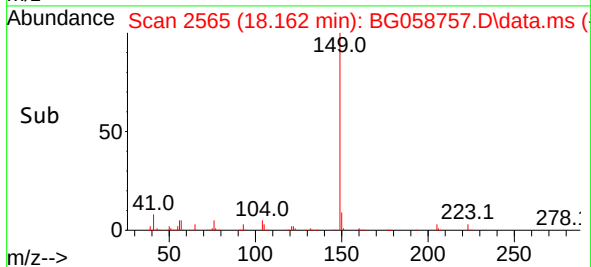
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

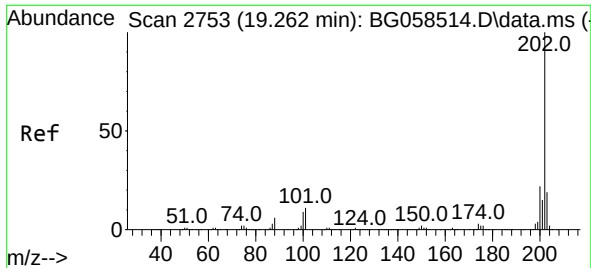


#74
 Di-n-butylphthalate
 Concen: 49.173 ng
 RT: 18.162 min Scan# 2565
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13



Tgt Ion:149 Resp: 500726
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.2 4.0 6.0





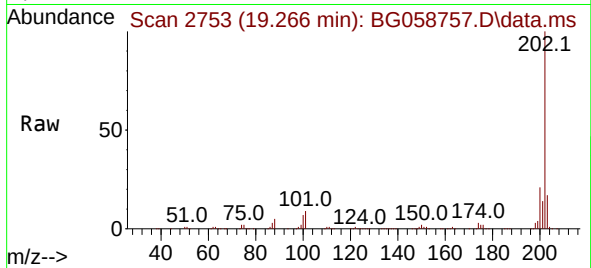
#75
Fluoranthene
Concen: 48.392 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS



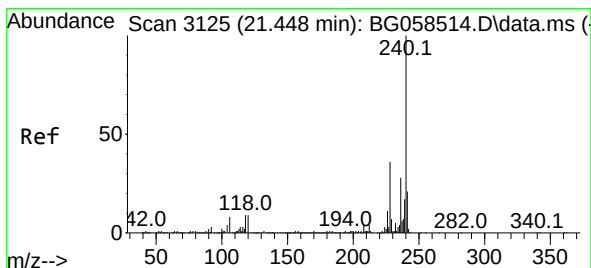
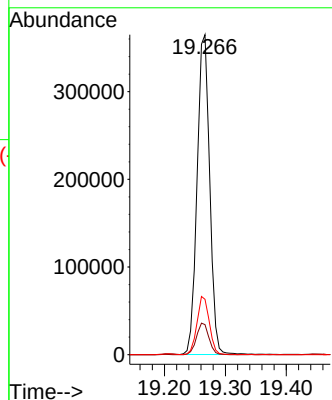
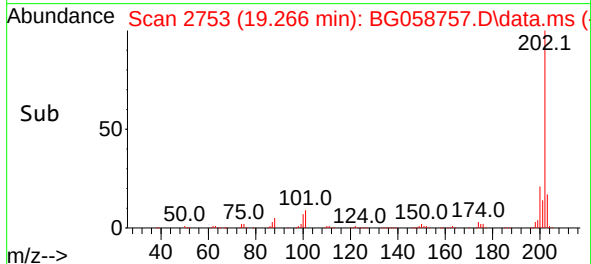
Tgt Ion:202 Resp: 522280
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.3 0.0 39.0

Manual Integrations

APPROVED

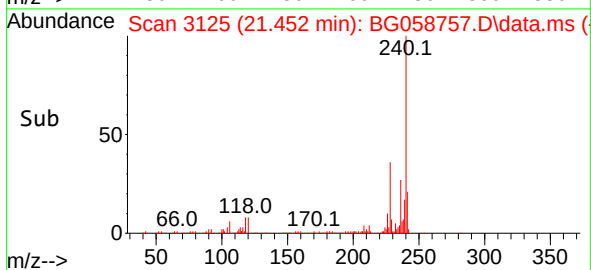
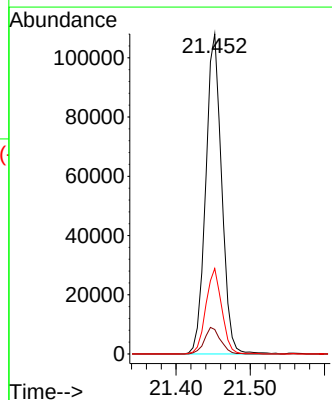
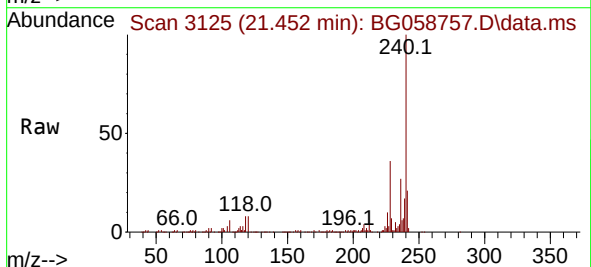
Reviewed By :Yogesh Patel 08/18/2023

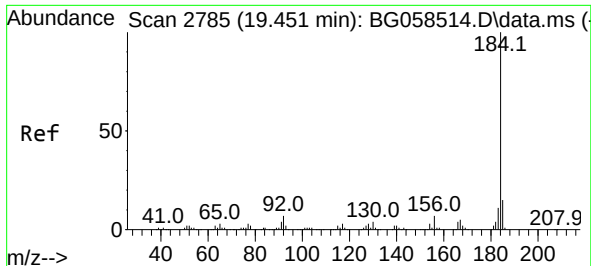
Supervised By :mohammad ahmed 08/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

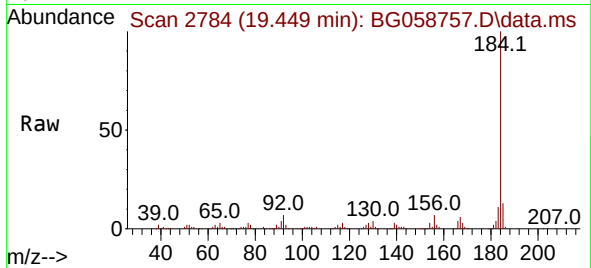
Tgt Ion:240 Resp: 161284
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 26.7 22.2 33.4





#77
Benzidine
Concen: 81.423 ng
RT: 19.449 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

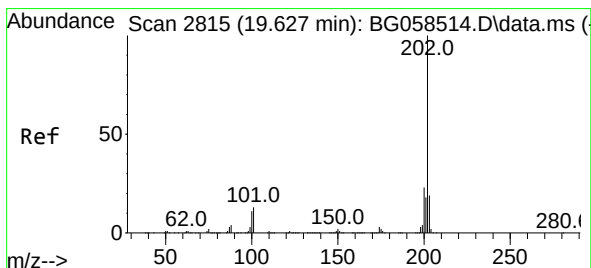
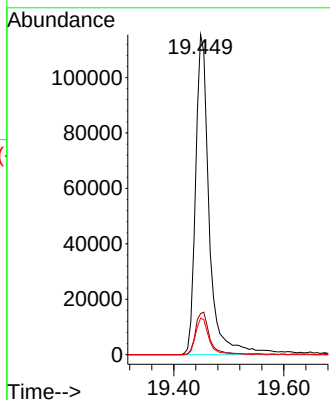
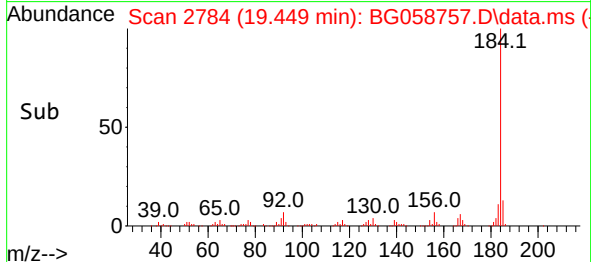
Instrument :
BNA_G
ClientSampleId :
PB154866BS



Tgt Ion:184 Resp: 19913
Ion Ratio Lower Upper
184 100
185 12.9 11.9 17.9
183 11.4 8.7 13.1

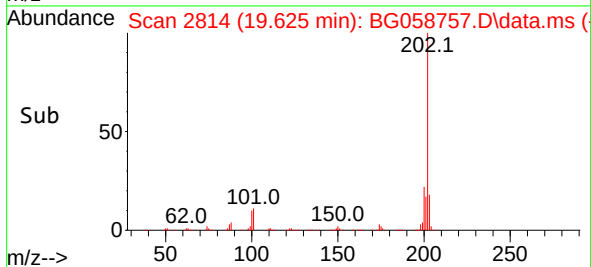
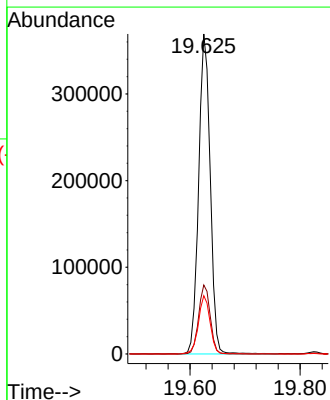
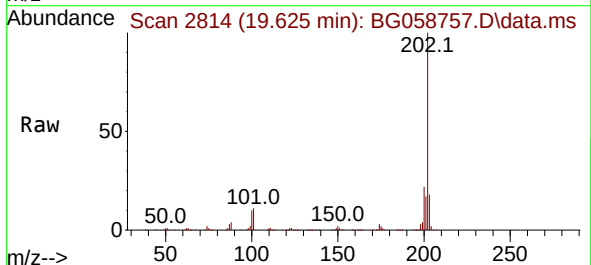
Manual Integrations
APPROVED

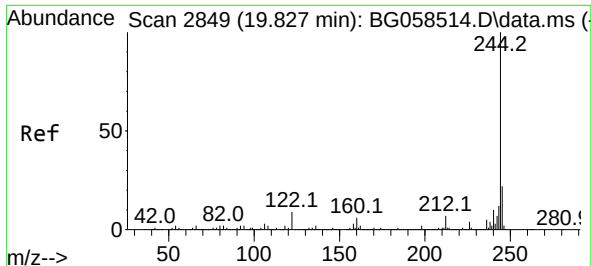
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#78
Pyrene
Concen: 49.105 ng
RT: 19.625 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:202 Resp: 538986
Ion Ratio Lower Upper
202 100
200 21.6 18.2 27.2
203 18.2 15.1 22.7





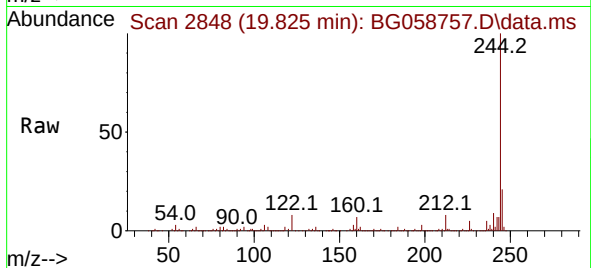
#79
 Terphenyl-d14
 Concen: 97.141 ng
 RT: 19.825 min Scan# 2849
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS



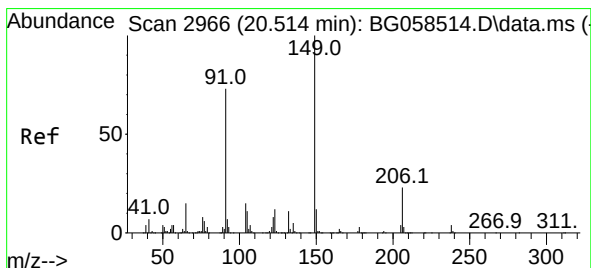
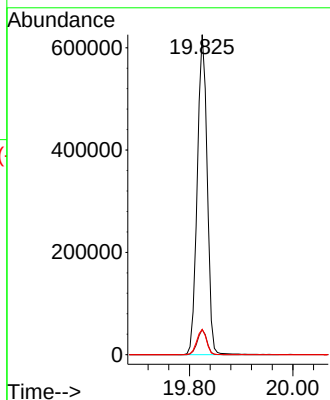
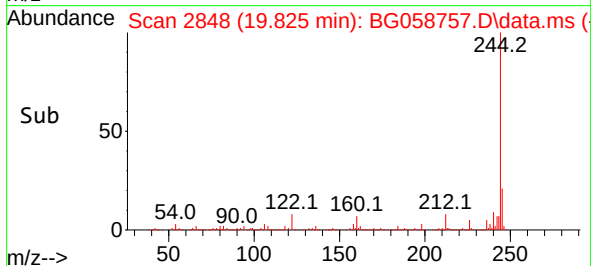
Tgt Ion:244 Resp: 833132
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 7.9 6.8 10.2

Manual Integrations

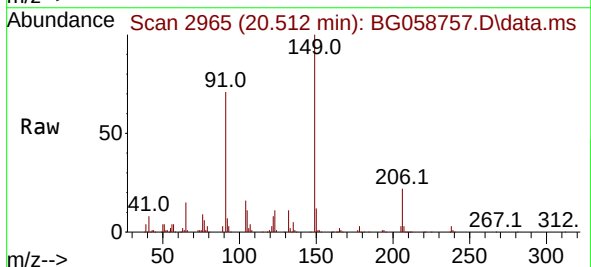
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

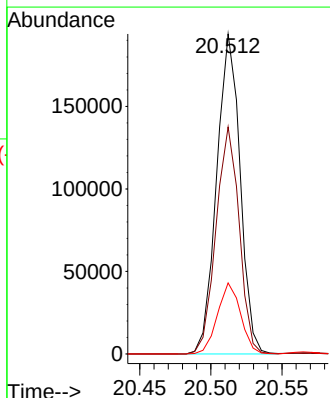
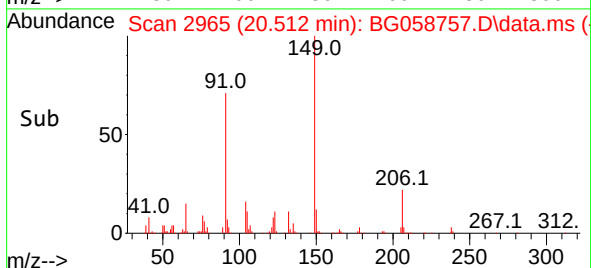
Supervised By :mohammad ahmed 08/18/2023

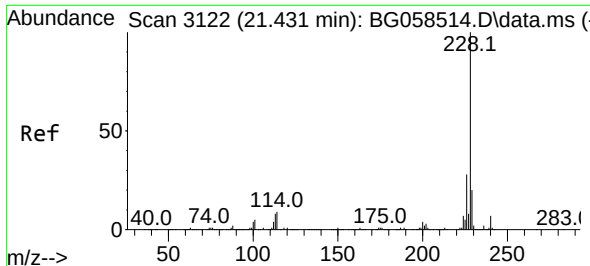


#80
 Butylbenzylphthalate
 Concen: 49.295 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058757.D
 Acq: 17 Aug 2023 11:13



Tgt Ion:149 Resp: 222251
 Ion Ratio Lower Upper
 149 100
 91 71.0 58.4 87.6
 206 22.2 18.3 27.5





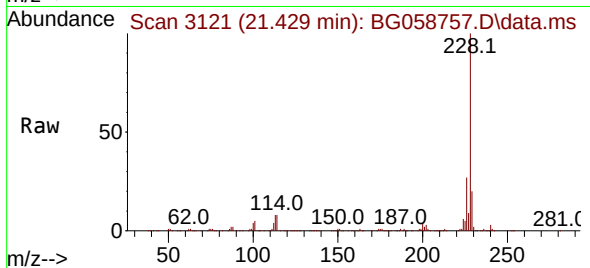
#81
Benzo(a)anthracene
Concen: 48.734 ng
RT: 21.429 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

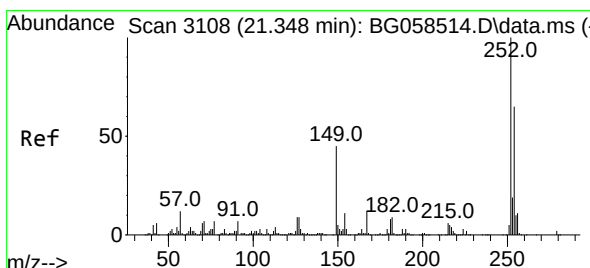
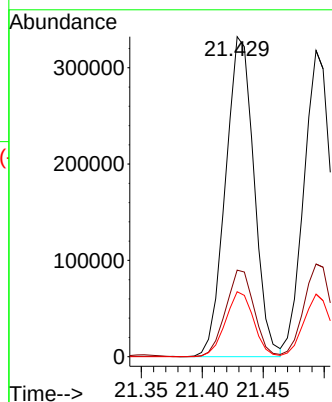
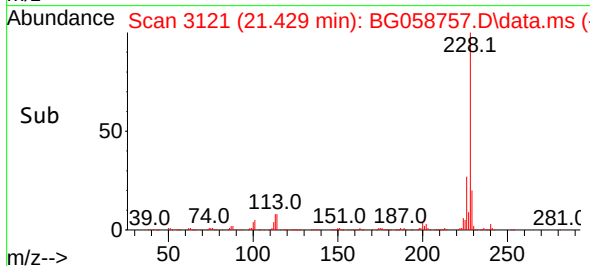


Tgt Ion:228 Resp: 540914
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.3 16.3 24.5

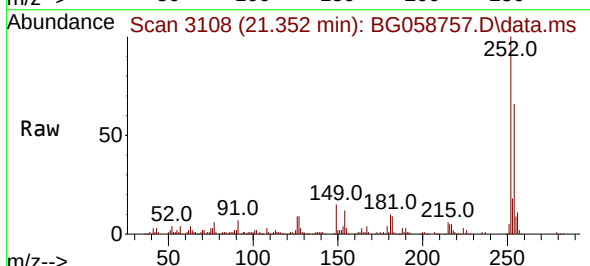
Manual Integrations

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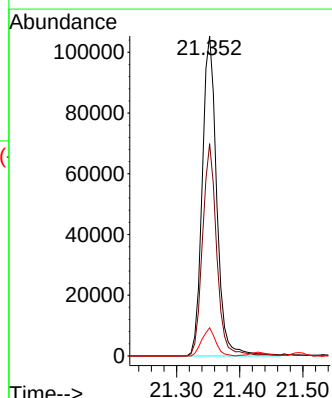
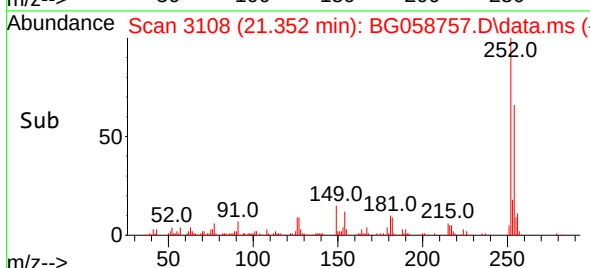
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

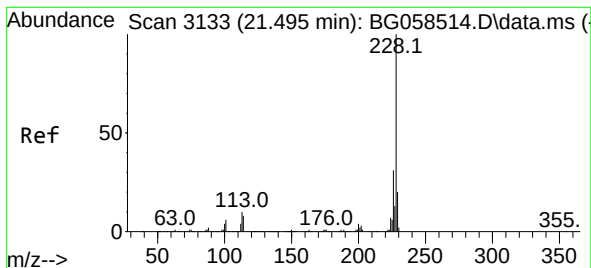


#82
3,3'-Dichlorobenzidine
Concen: 44.602 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion:252 Resp: 167383
Ion Ratio Lower Upper
252 100
254 66.4 52.2 78.4
126 8.8 7.2 10.8





#83

Chrysene

Concen: 47.199 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

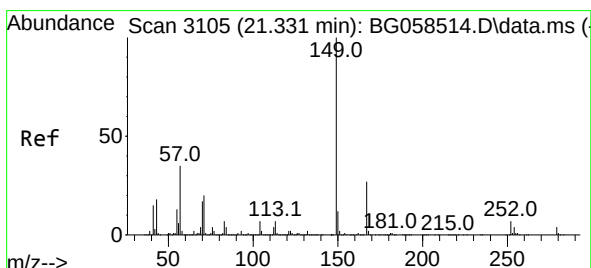
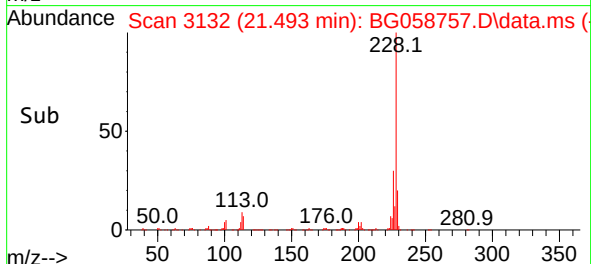
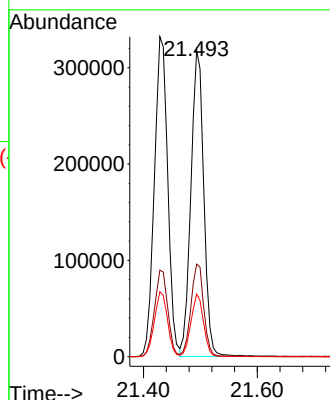
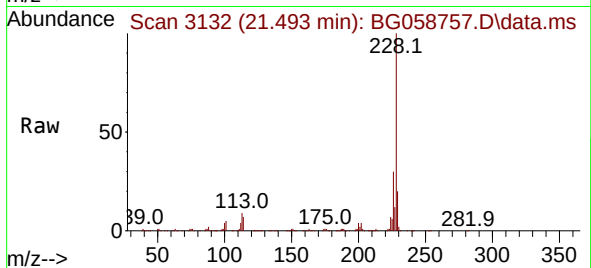
Tgt Ion:228	Resp: 50229
Ion Ratio	Lower Upper
228 100	
226 30.3	25.0 37.6
229 20.4	16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.191 ng

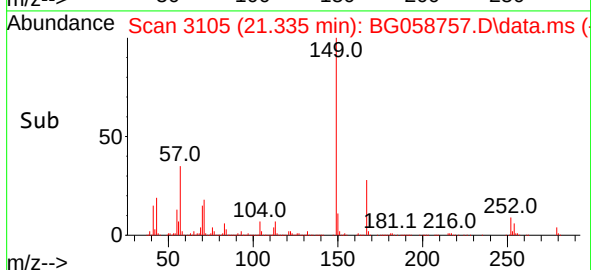
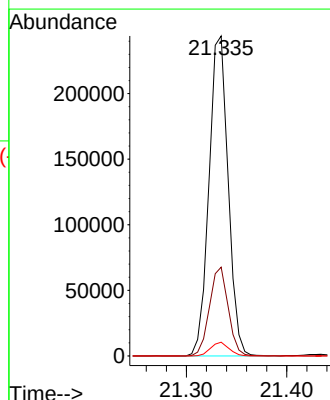
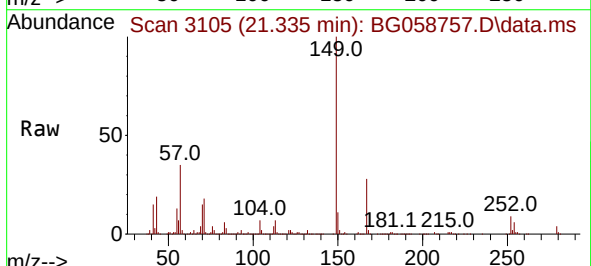
RT: 21.335 min Scan# 3105

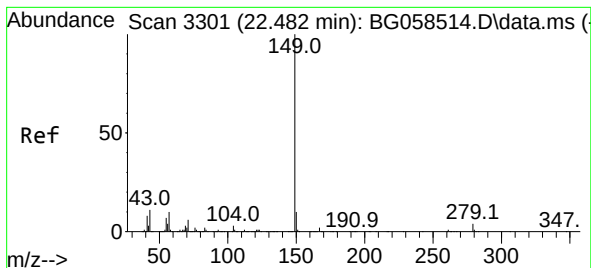
Delta R.T. 0.004 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

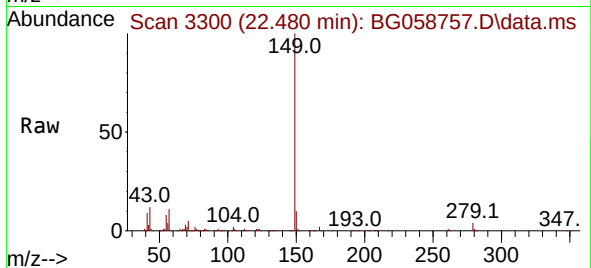
Tgt Ion:149	Resp: 324097
Ion Ratio	Lower Upper
149 100	
167 27.8	21.8 32.8
279 4.3	2.9 4.3





#85
Di-n-octyl phthalate
Concen: 49.290 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

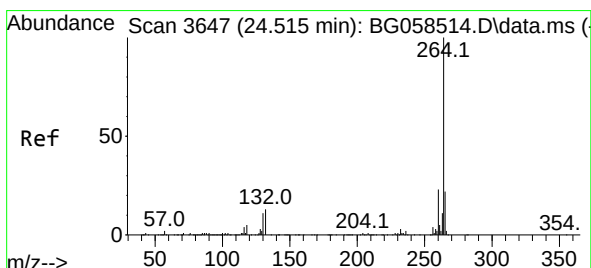
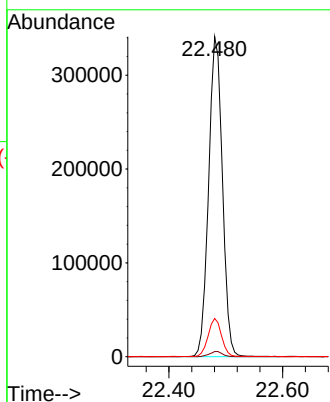
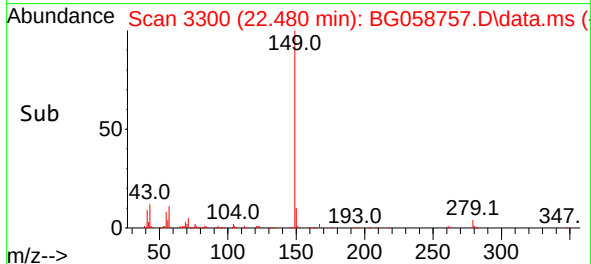
Instrument :
BNA_G
ClientSampleId :
PB154866BS



Tgt Ion:149 Resp: 57095
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.6 8.2 12.2

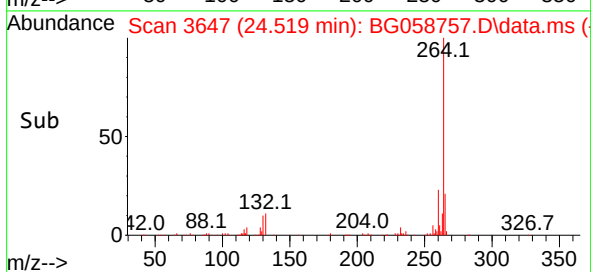
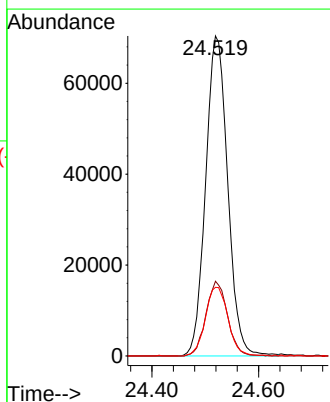
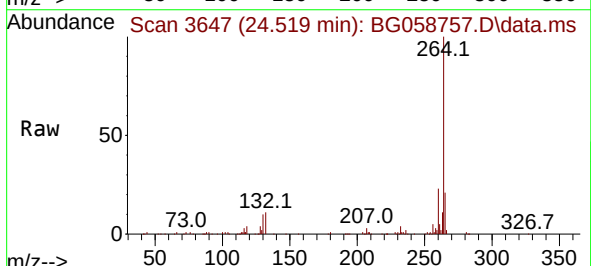
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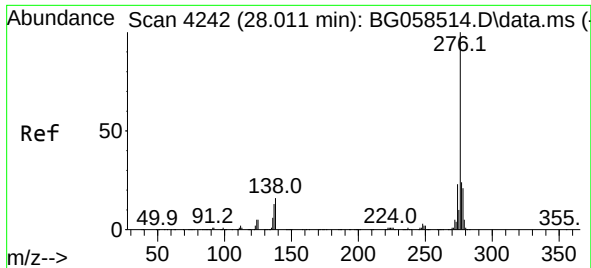
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Tgt Ion:264 Resp: 202390
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.5 17.9 26.9





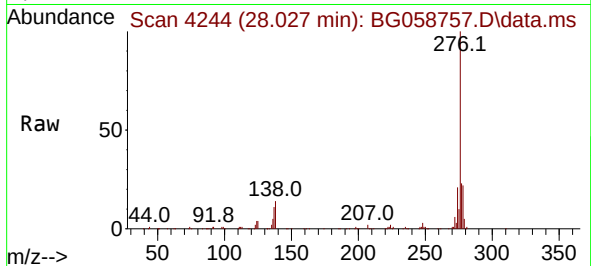
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.641 ng
RT: 28.027 min Scan# 4244
Delta R.T. 0.016 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

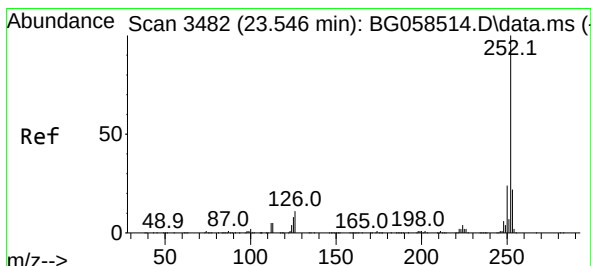
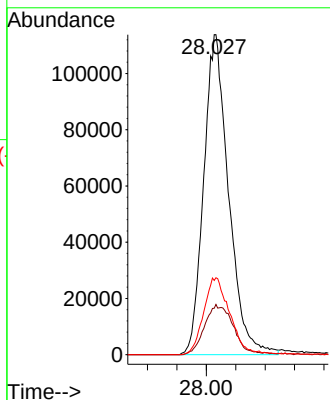
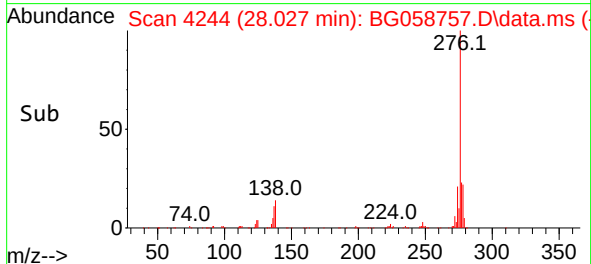


Tgt Ion:276 Resp: 668379
Ion Ratio Lower Upper
276 100
138 17.9 16.0 24.0
277 25.4 20.4 30.6

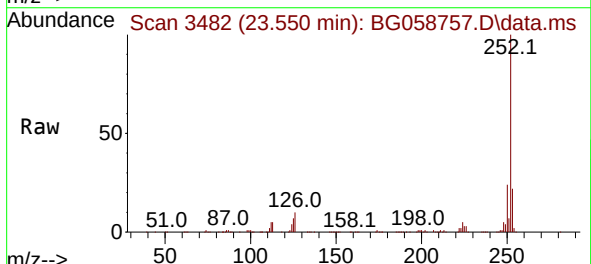
Manual Integrations

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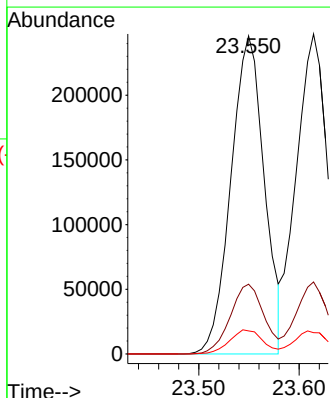
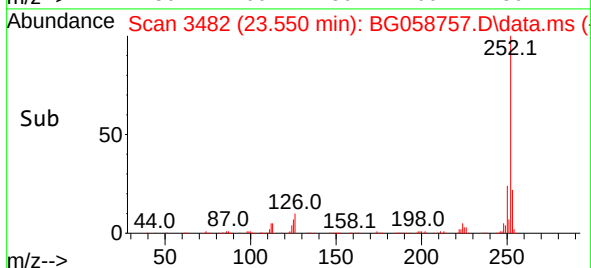
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

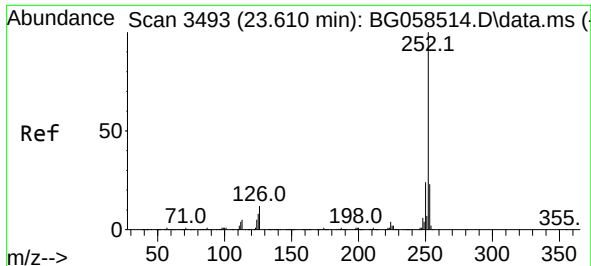


#88
Benzo(b)fluoranthene
Concen: 51.704 ng
RT: 23.550 min Scan# 3482
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



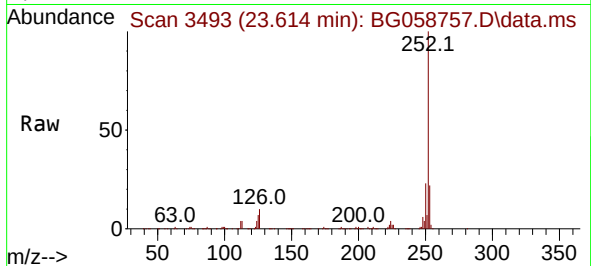
Tgt Ion:252 Resp: 567562
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.3 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 49.945 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13

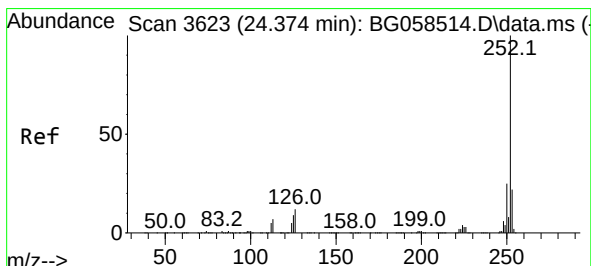
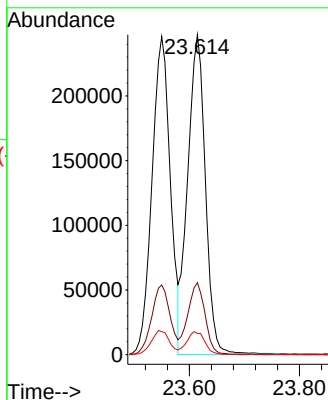
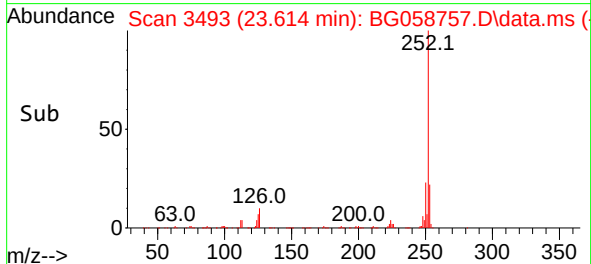
Instrument :
BNA_G
ClientSampleId :
PB154866BS



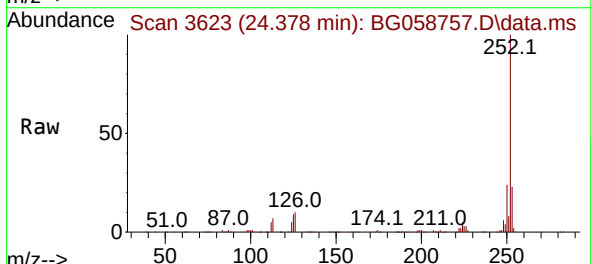
Tgt Ion:252 Resp: 550778
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 6.7 6.6 10.0

Manual Integrations
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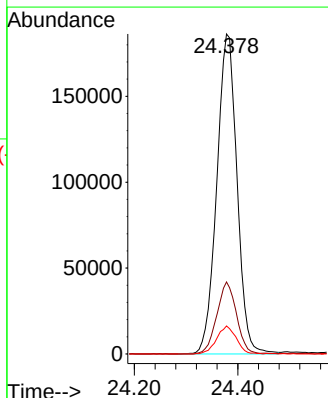
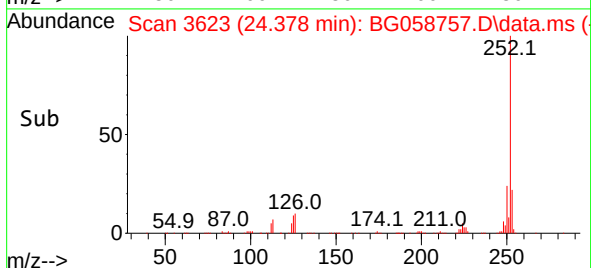
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

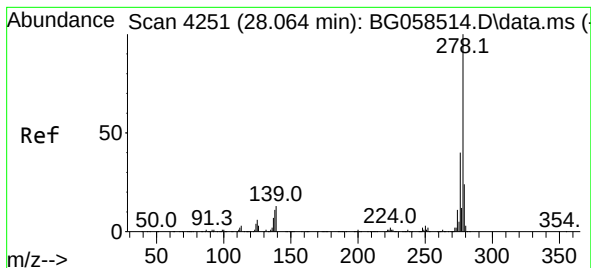


#90
Benzo(a)pyrene
Concen: 46.986 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058757.D
Acq: 17 Aug 2023 11:13



Tgt Ion:252 Resp: 506525
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: 49.755 ng

RT: 28.080 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Instrument :

BNA_G

ClientSampleId :

PB154866BS

Tgt Ion:278 Resp: 55393

Ion Ratio Lower Upper

278 100

139 10.8 10.4 15.6

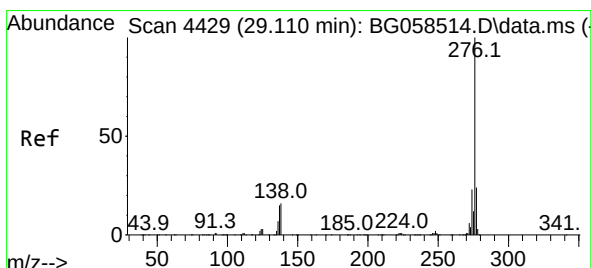
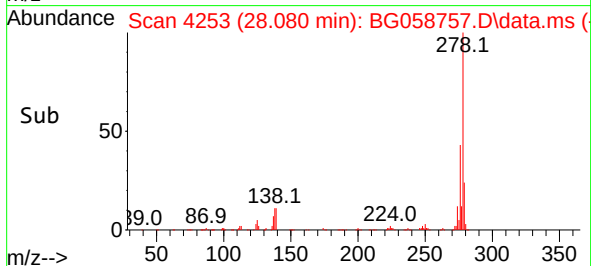
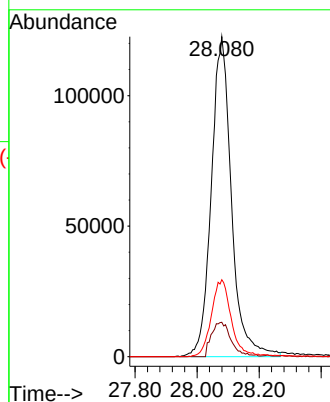
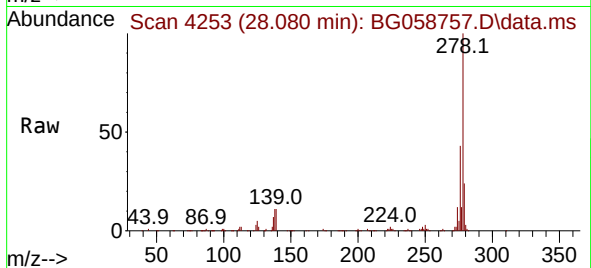
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#92

Benzo(g,h,i)perylene

Concen: 47.337 ng

RT: 29.120 min Scan# 4430

Delta R.T. 0.010 min

Lab File: BG058757.D

Acq: 17 Aug 2023 11:13

Tgt Ion:276 Resp: 528459

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 15.6 13.0 19.4

