

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058756.D
 Acq On : 17 Aug 2023 10:31
 Operator : MA/JU
 Sample : PB154864BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154864BS

Quant Time: Aug 18 01:49:58 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	22686	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	103421	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	77116	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	193417	20.000	ng	0.00
76) Chrysene-d12	21.446	240	162510	20.000	ng	0.00
86) Perylene-d12	24.519	264	204879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	221862	149.478	ng	0.00
7) Phenol-d6	6.987	99	306946	148.621	ng	0.00
23) Nitrobenzene-d5	8.973	82	187866	89.237	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	162104	128.248	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	449342	87.321	ng	0.00
79) Terphenyl-d14	19.825	244	848819	98.223	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	24986	34.741	ng	# 90
3) Pyridine	3.661	79	61669	31.450	ng	# 81
4) n-Nitrosodimethylamine	3.579	42	43552	52.421	ng	81
6) Aniline	7.134	93	83532	32.851	ng	95
8) 2-Chlorophenol	7.374	128	80393	55.212	ng	97
9) Benzaldehyde	6.951	77	36792	32.789	ng	97
10) Phenol	7.010	94	110511	54.777	ng	95
11) bis(2-Chloroethyl)ether	7.233	93	74252	46.685	ng	91
12) 1,3-Dichlorobenzene	7.698	146	76473	49.184	ng	97
13) 1,4-Dichlorobenzene	7.845	146	78169	50.071	ng	97
14) 1,2-Dichlorobenzene	8.162	146	76901	51.521	ng	99
15) Benzyl Alcohol	8.050	79	81146	61.955	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.338	45	161063	62.340	ng	93
17) 2-Methylphenol	8.256	107	74770	50.687	ng	98
18) Hexachloroethane	8.884	117	27819	49.025	ng	95
19) n-Nitroso-di-n-propyla...	8.614	70	64104	48.053	ng	# 88
20) 3+4-Methylphenols	8.591	107	104261	52.252	ng	98
22) Acetophenone	8.632	105	127972	46.212	ng	94
24) Nitrobenzene	9.020	77	98135	45.852	ng	97
25) Isophorone	9.537	82	190763	43.855	ng	99
26) 2-Nitrophenol	9.725	139	43348	46.528	ng	97
27) 2,4-Dimethylphenol	9.789	122	73938	47.845	ng	95
28) bis(2-Chloroethoxy)met...	10.018	93	105914	44.742	ng	99
29) 2,4-Dichlorophenol	10.265	162	81882	51.031	ng	98
30) 1,2,4-Trichlorobenzene	10.477	180	87405	47.235	ng	97
31) Naphthalene	10.659	128	244579	44.870	ng	99
32) Benzoic acid	9.954	122	42999m	37.546	ng	
33) 4-Chloroaniline	10.782	127	61164	26.558	ng	98
34) Hexachlorobutadiene	10.941	225	56351	47.288	ng	100
35) Caprolactam	11.558	113	29715m	50.150	ng	
36) 4-Chloro-3-methylphenol	11.910	107	98858	49.806	ng	96
37) 2-Methylnaphthalene	12.275	142	174443	44.739	ng	98
38) 1-Methylnaphthalene	12.498	142	168846	45.555	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	103483	43.709	ng	99
41) Hexachlorocyclopentadiene	12.621	237	86252	78.569	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	75654	46.458	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	80402	41.919	ng	97
46) 1,1'-Biphenyl	13.291	154	237853	44.912	ng	97
47) 2-Chloronaphthalene	13.332	162	188286	45.598	ng	98
48) 2-Nitroaniline	13.544	65	77091	48.912	ng	96
49) Acenaphthylene	14.178	152	322742	46.684	ng	99
50) Dimethylphthalate	13.920	163	269904	46.603	ng	99
51) 2,6-Dinitrotoluene	14.043	165	59302	46.666	ng	94
52) Acenaphthene	14.525	154	180169	45.102	ng	99
53) 3-Nitroaniline	14.372	138	40122	31.557	ng #	98
54) 2,4-Dinitrophenol	14.590	184	60040	83.455	ng	96
55) Dibenzofuran	14.860	168	311397	45.366	ng	96
56) 4-Nitrophenol	14.695	139	86530	91.355	ng	89
57) 2,4-Dinitrotoluene	14.836	165	87868	49.875	ng #	94
58) Fluorene	15.506	166	254543	46.680	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	77406	47.294	ng	97
60) Diethylphthalate	15.277	149	285242	48.344	ng	98
61) 4-Chlorophenyl-phenyle...	15.500	204	139261	45.808	ng	96
62) 4-Nitroaniline	15.541	138	60441	50.183	ng	95
63) Azobenzene	15.794	77	264048	45.435	ng	96
65) 4,6-Dinitro-2-methylph...	15.600	198	51165	47.976	ng	94
66) n-Nitrosodiphenylamine	15.718	169	229954	45.679	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	97043	44.236	ng	95
68) Hexachlorobenzene	16.511	284	109973	47.308	ng	97
69) Atrazine	16.669	200	97908	57.613	ng	97
70) Pentachlorophenol	16.863	266	95800	68.086	ng	98
71) Phenanthrene	17.245	178	428528	46.718	ng	99
72) Anthracene	17.339	178	437916	46.528	ng	99
73) Carbazole	17.610	167	404699	48.761	ng	99
74) Di-n-butylphthalate	18.162	149	500803	48.174	ng	99
75) Fluoranthene	19.261	202	523053	47.471	ng	98
77) Benzidine	19.449	184	178622	72.484	ng	98
78) Pyrene	19.625	202	531771	48.082	ng	98
80) Butylbenzylphthalate	20.512	149	222316	48.937	ng	94
81) Benzo(a)anthracene	21.429	228	539040	48.198	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	152845	40.421	ng	97
83) Chrysene	21.493	228	501170	46.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.329	149	324889	48.939	ng	98
85) Di-n-octyl phthalate	22.480	149	569897	48.828	ng	96
87) Indeno(1,2,3-cd)pyrene	28.015	276	669691	49.134	ng	98
88) Benzo(b)fluoranthene	23.544	252	575895	51.826	ng	99
89) Benzo(k)fluoranthene	23.608	252	538205	48.212	ng	99
90) Benzo(a)pyrene	24.372	252	509573	46.695	ng	98
91) Dibenzo(a,h)anthracene	28.068	278	562610	49.921	ng	98
92) Benzo(g,h,i)perylene	29.114	276	523639	46.335	ng	98

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

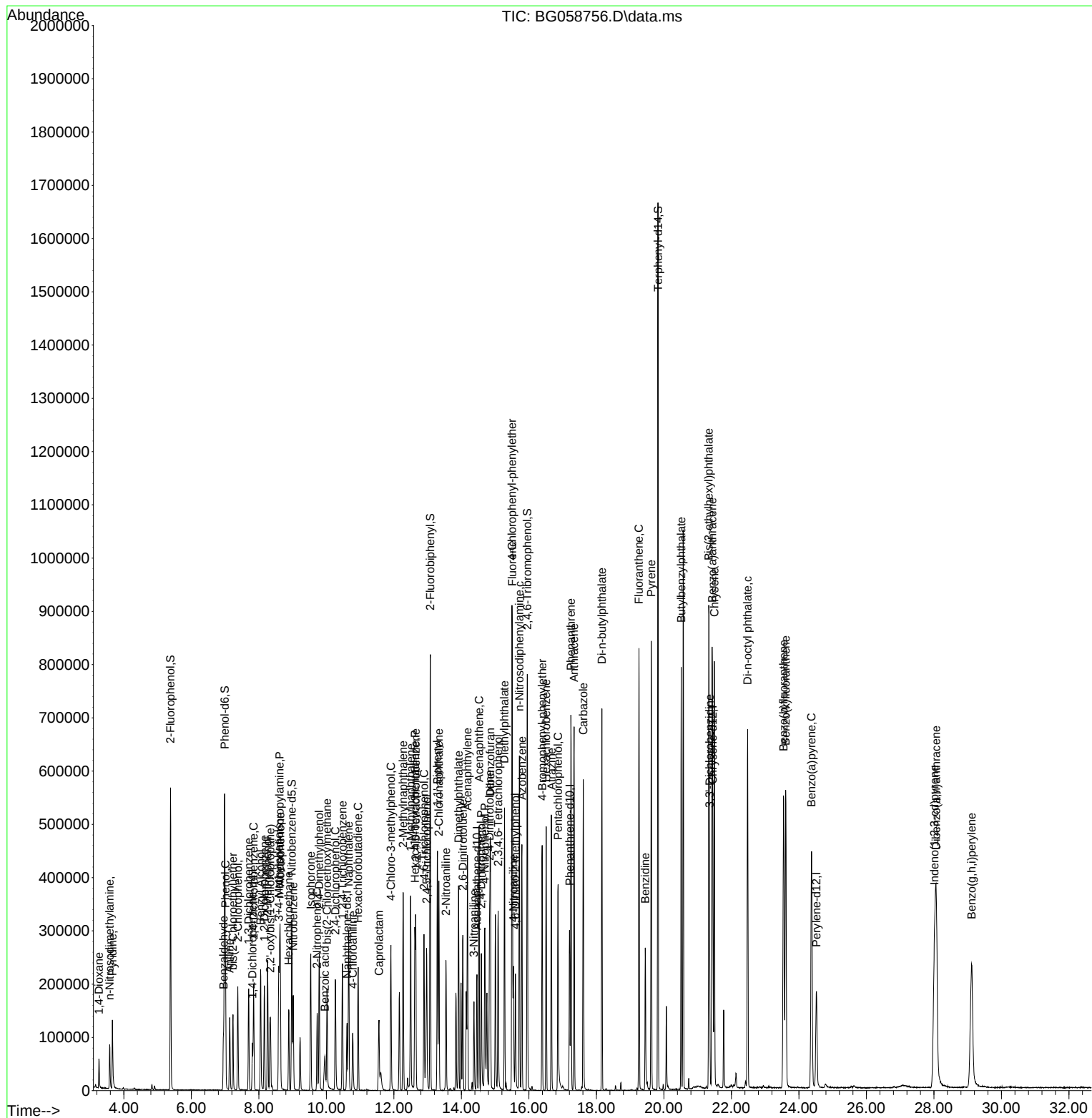
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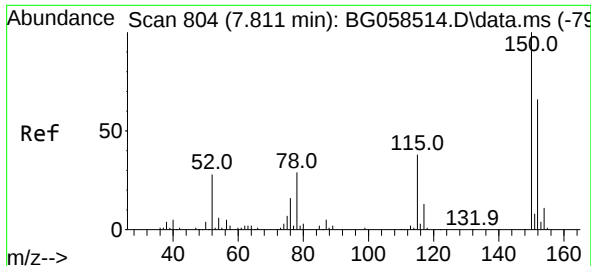
Instrument :
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

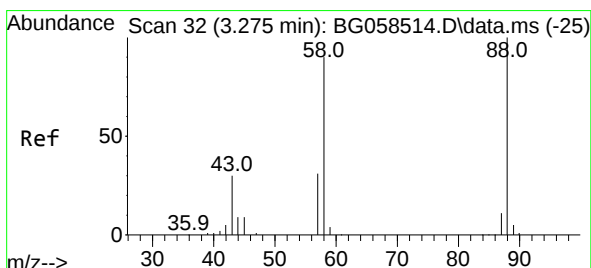
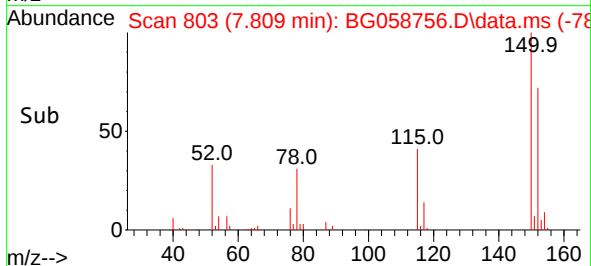
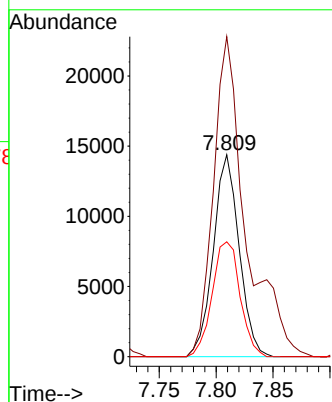
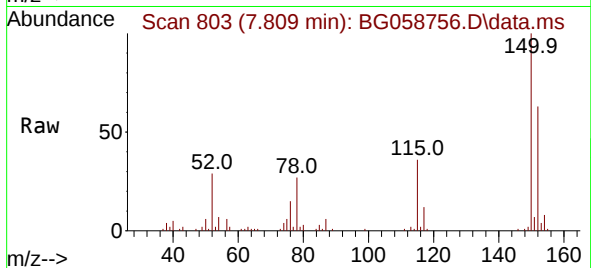
PB154864BS

Tgt Ion:152 Resp: 22680
Ion Ratio Lower Upper
152 100
150 158.5 120.5 180.7
115 56.9 45.9 68.9

Manual Integrations

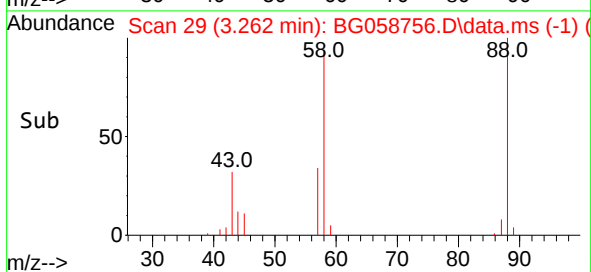
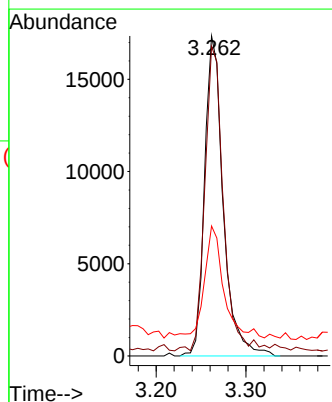
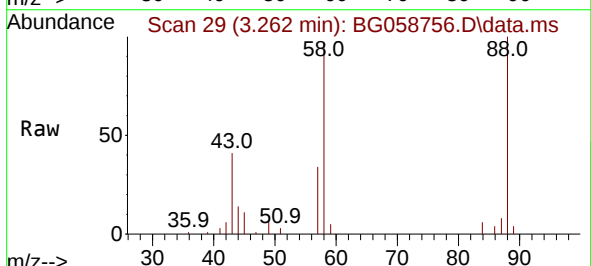
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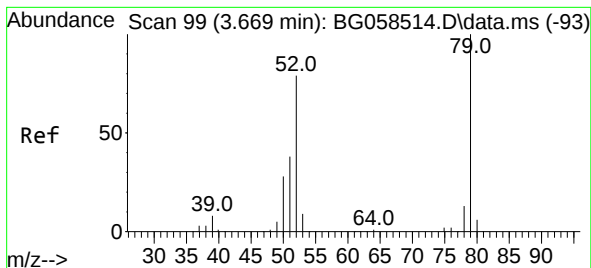
Reviewed By :Yogesh Patel 08/18/2023
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#2
1,4-Dioxane
Concen: 34.741 ng
RT: 3.262 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion: 88 Resp: 24986
Ion Ratio Lower Upper
88 100
58 94.5 68.9 103.3
43 35.6 22.9 34.3#





#3

Pyridine

Concen: 31.450 ng

RT: 3.661 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

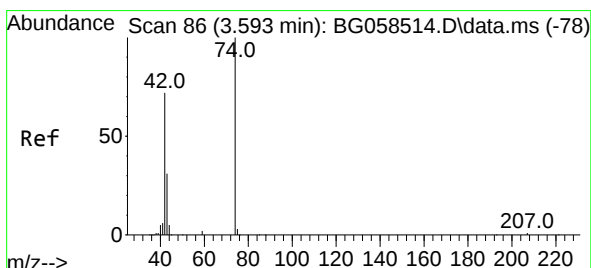
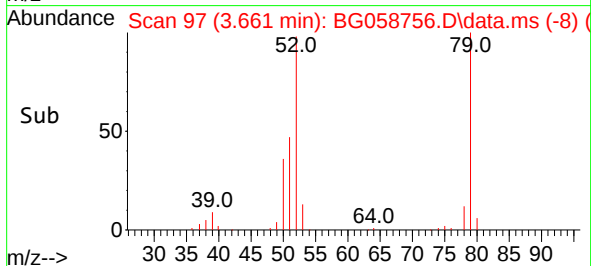
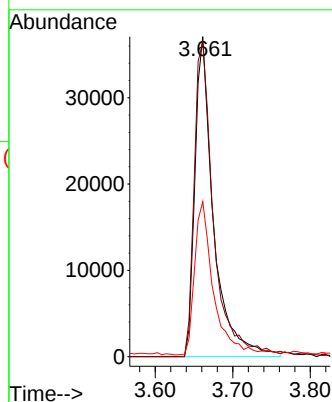
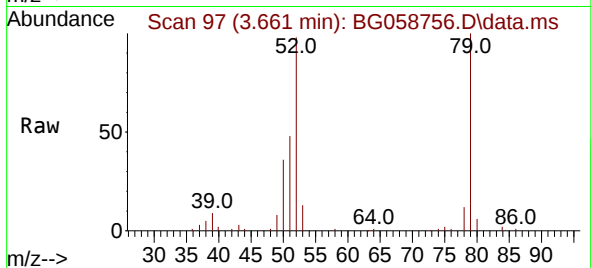
Tgt Ion:	79	Resp:	61669
Ion Ratio	Lower	Upper	
79	100		
52	98.4	63.2	94.8
51	48.5	31.9	47.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 52.421 ng

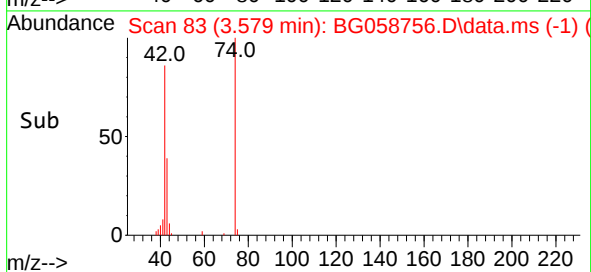
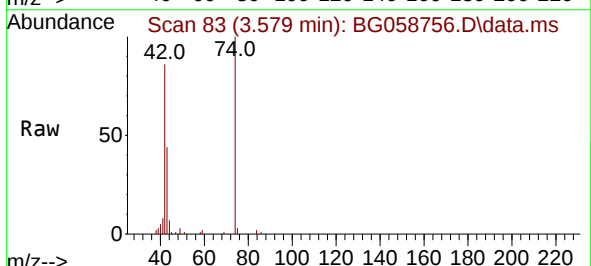
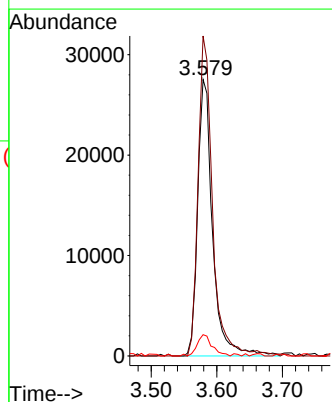
RT: 3.579 min Scan# 83

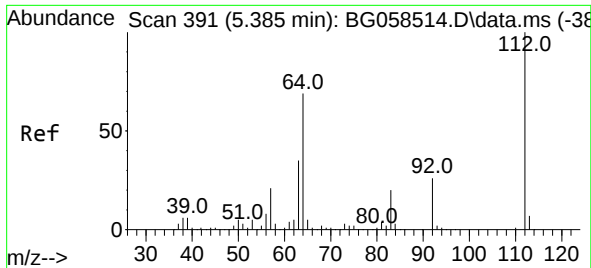
Delta R.T. -0.014 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Tgt Ion:	42	Resp:	43552
Ion Ratio	Lower	Upper	
42	100		
74	115.7	111.5	167.3
44	7.7	5.4	8.2





#5
2-Fluorophenol
Concen: 149.478 ng
RT: 5.383 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

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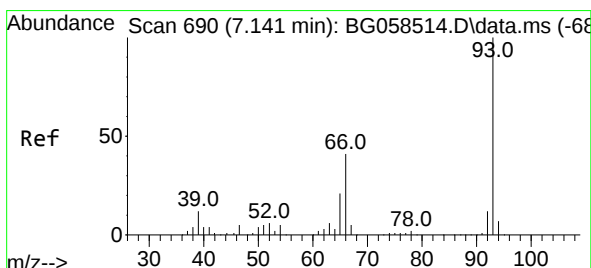
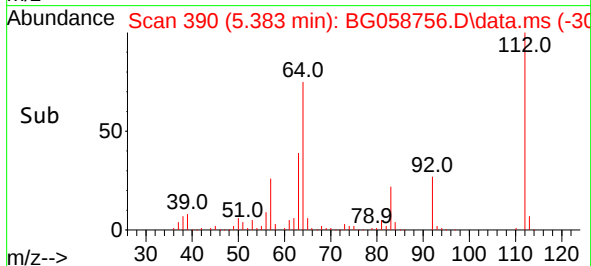
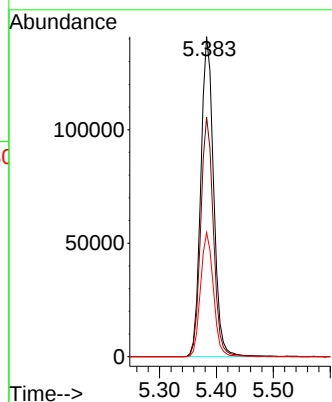
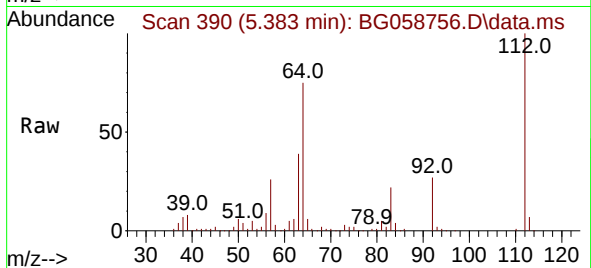
ClientSampleId :

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Tgt Ion:112 Resp: 221862
Ion Ratio Lower Upper
112 100
64 74.9 55.3 82.9
63 38.8 28.3 42.5

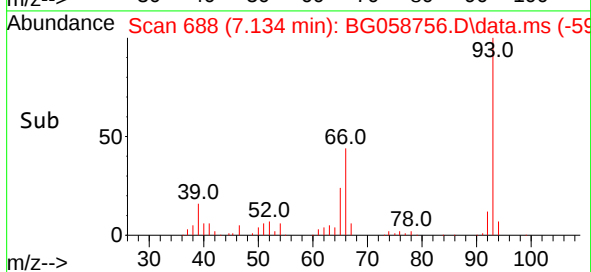
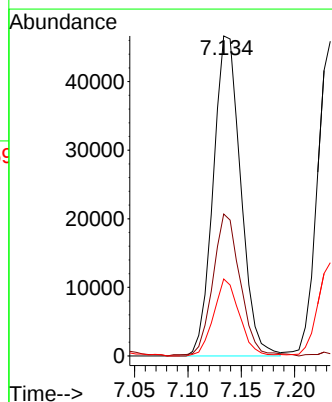
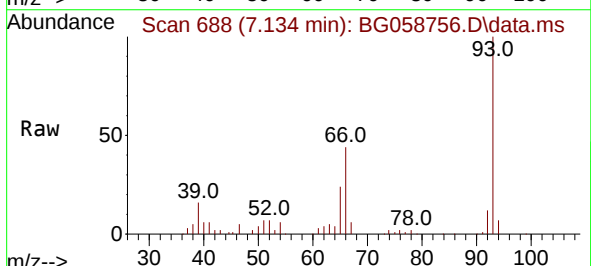
Manual Integrations
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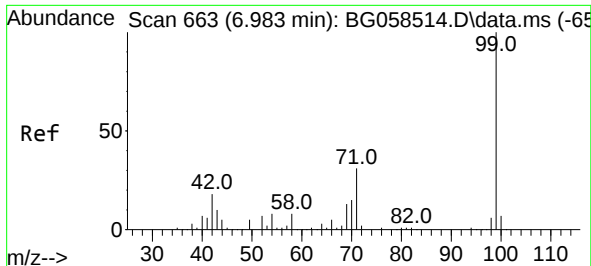
Reviewed By :Yogesh Patel 08/18/2023
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#6
Aniline
Concen: 32.851 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion: 93 Resp: 83532
Ion Ratio Lower Upper
93 100
66 44.4 33.1 49.7
65 24.0 17.0 25.4





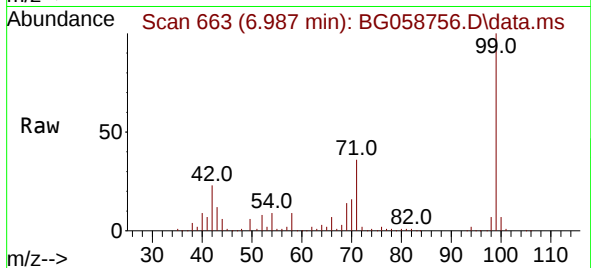
#7
Phenol-d6
Concen: 148.621 ng
RT: 6.987 min Scan# 609
Delta R.T. 0.004 min
Lab File: BG058756.D
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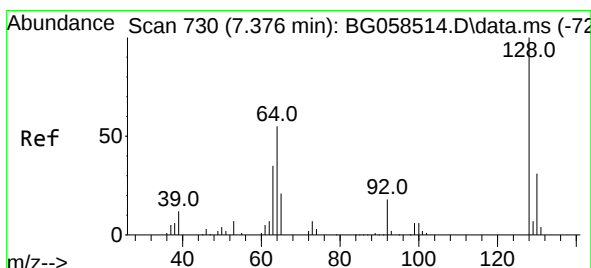
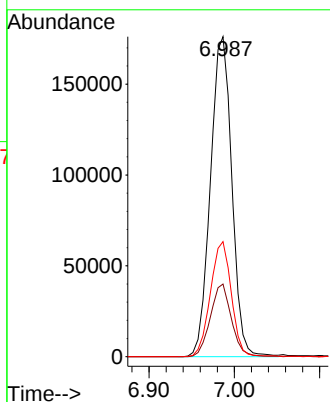
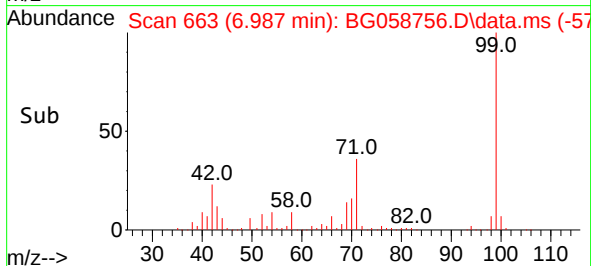
Tgt Ion: 99 Resp: 306940
Ion Ratio Lower Upper
99 100
42 22.7 14.6 21.8
71 36.0 25.0 37.4

Manual Integrations

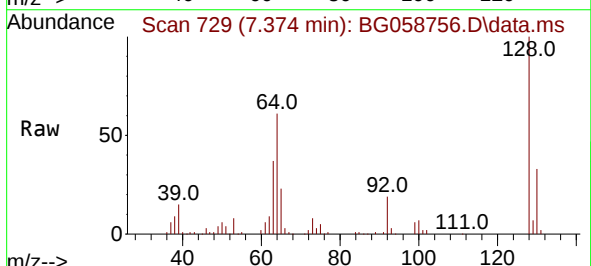
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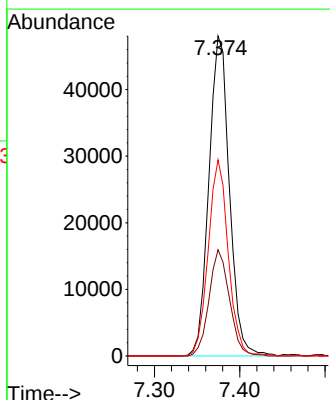
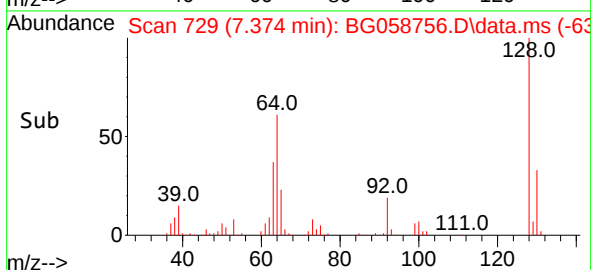
Supervised By :mohammad ahmed 08/18/2023

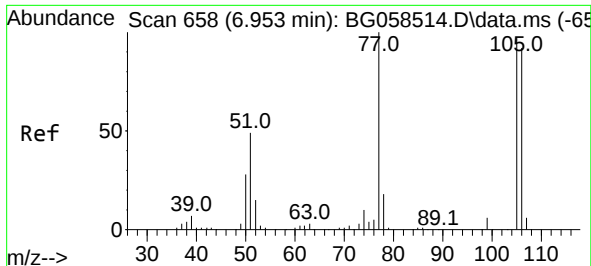


#8
2-Chlorophenol
Concen: 55.212 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:128 Resp: 80393
Ion Ratio Lower Upper
128 100
130 33.2 10.9 50.9
64 61.3 39.0 79.0





#9
Benzaldehyde
Concen: 32.789 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

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ClientSampleId :

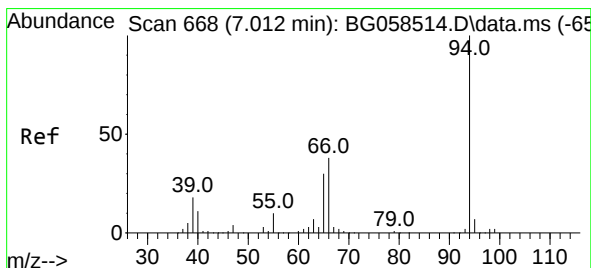
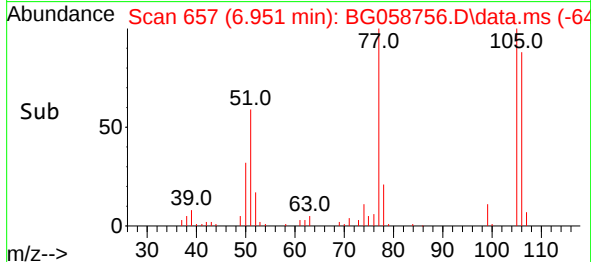
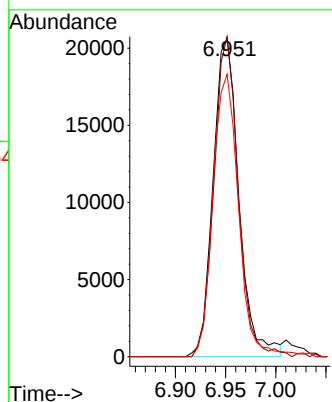
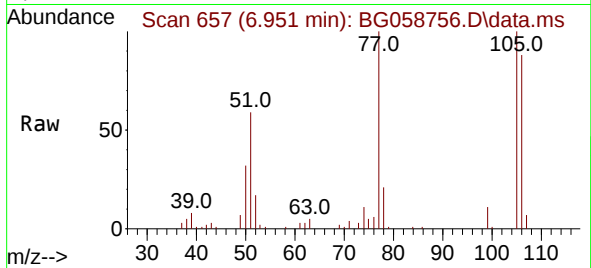
PB154864BS

Tgt Ion: 77 Resp: 36792
Ion Ratio Lower Upper
77 100
105 100.4 77.1 117.1
106 88.6 71.6 111.6

Manual Integrations

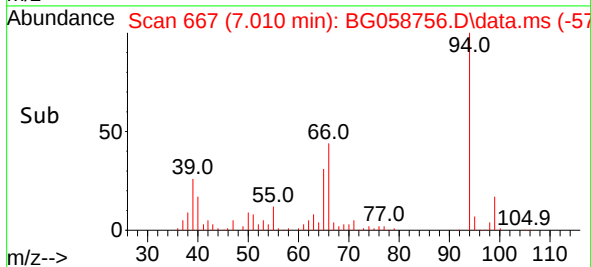
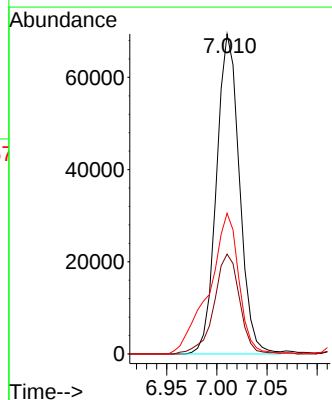
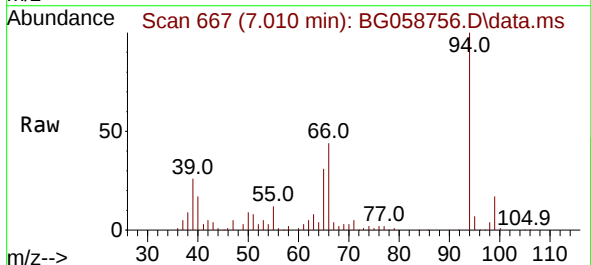
APPROVED

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



#10
Phenol
Concen: 54.777 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion: 94 Resp: 110511
Ion Ratio Lower Upper
94 100
65 31.2 10.4 50.4
66 43.9 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 46.685 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

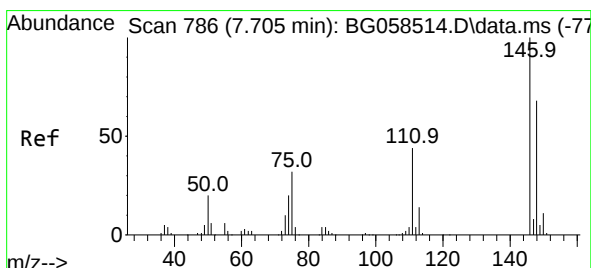
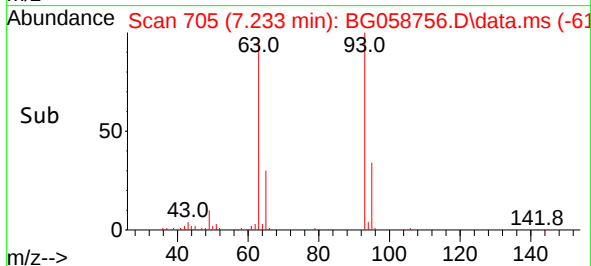
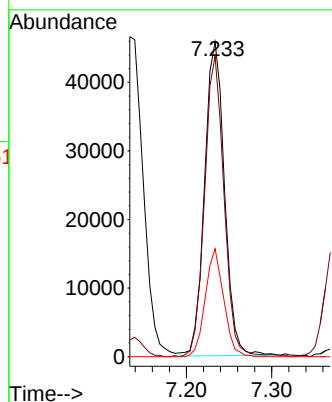
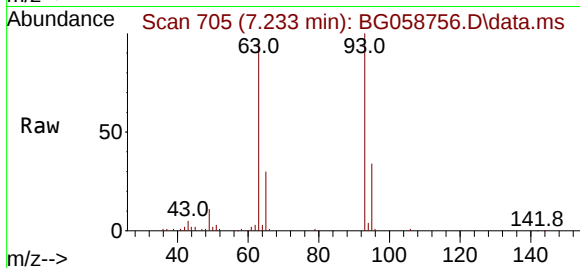
ClientSampleId :

PB154864BS

Tgt Ion: 93 Resp: 7425
Ion Ratio Lower Upper
93 100
63 95.4 65.5 105.5
95 34.3 11.2 51.2

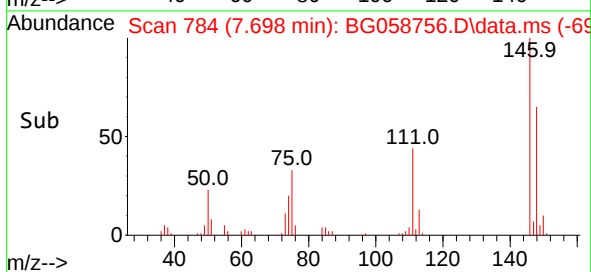
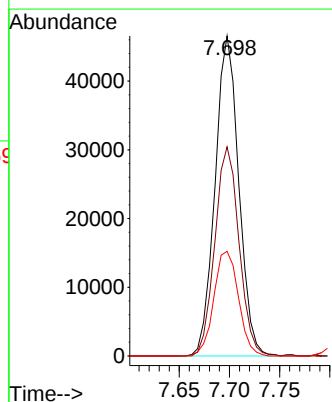
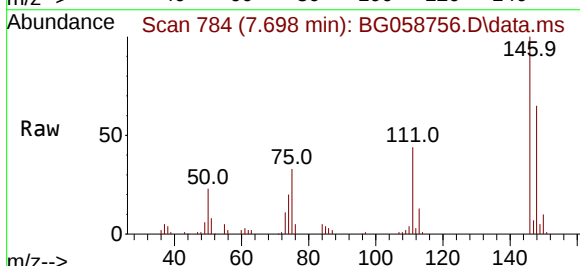
Manual Integrations
APPROVED

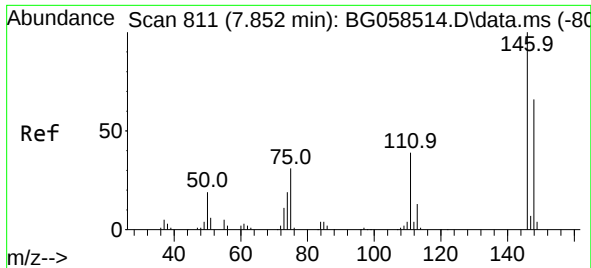
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#12
1,3-Dichlorobenzene
Concen: 49.184 ng
RT: 7.698 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:146 Resp: 76473
Ion Ratio Lower Upper
146 100
148 65.3 54.7 82.1
75 32.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 50.071 ng

RT: 7.845 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

Tgt Ion:146 Resp: 78169

Ion Ratio Lower Upper

146 100

148 68.1 52.8 79.2

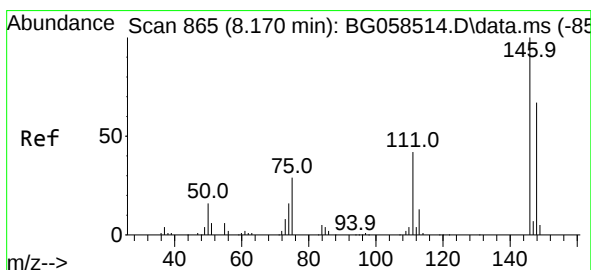
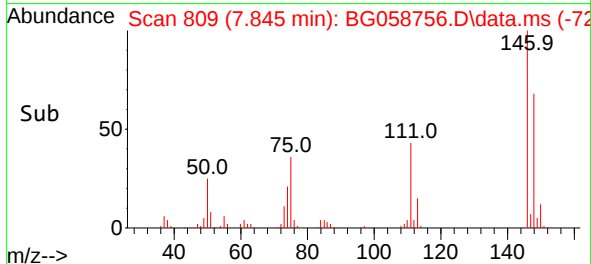
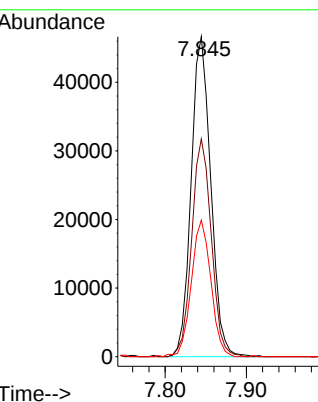
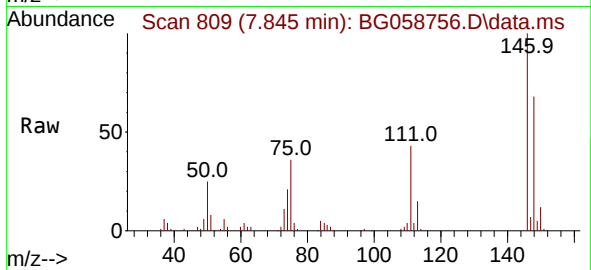
111 42.7 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#14

1,2-Dichlorobenzene

Concen: 51.521 ng

RT: 8.162 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

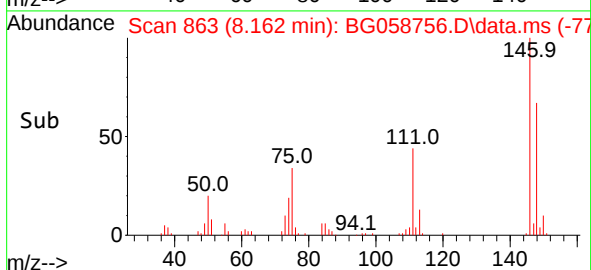
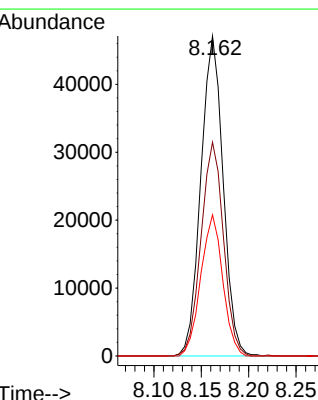
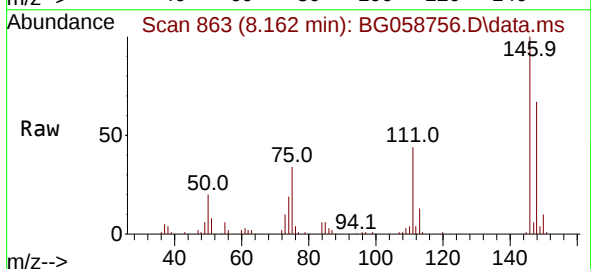
Tgt Ion:146 Resp: 76901

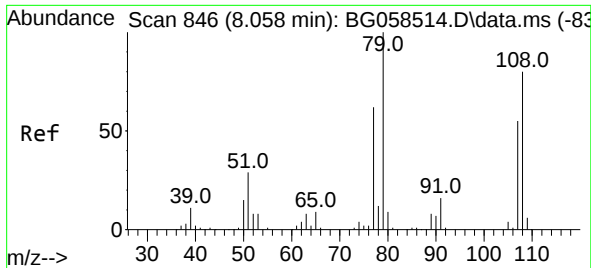
Ion Ratio Lower Upper

146 100

148 66.8 53.4 80.2

111 44.1 34.2 51.2





#15
Benzyl Alcohol
Concen: 61.955 ng
RT: 8.050 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

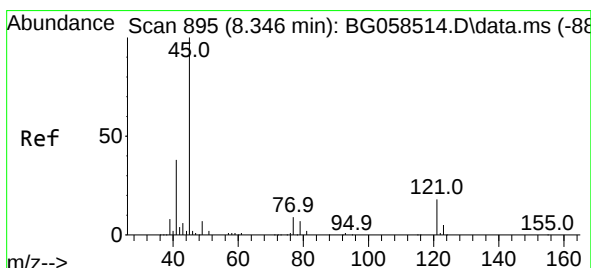
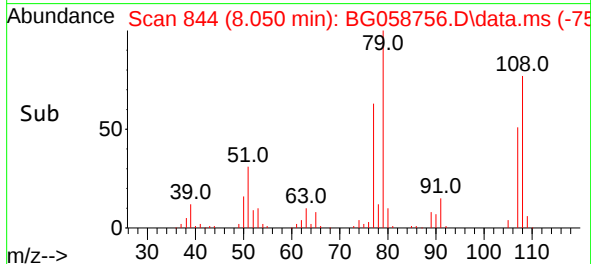
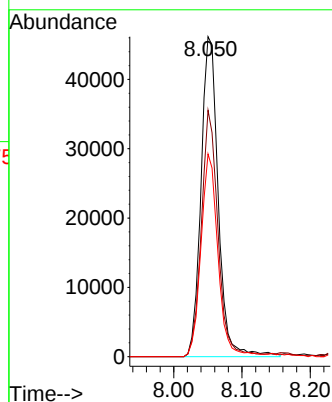
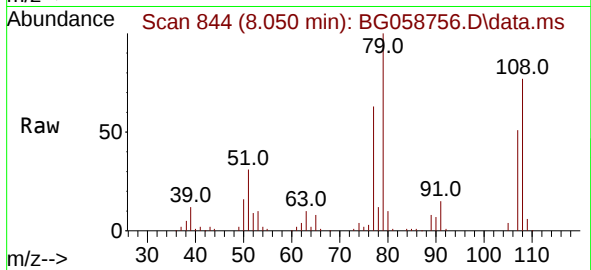
ClientSampleId :

PB154864BS

Tgt Ion: 79 Resp: 81140
Ion Ratio Lower Upper
79 100
108 77.0 63.8 95.6
77 63.4 49.8 74.6

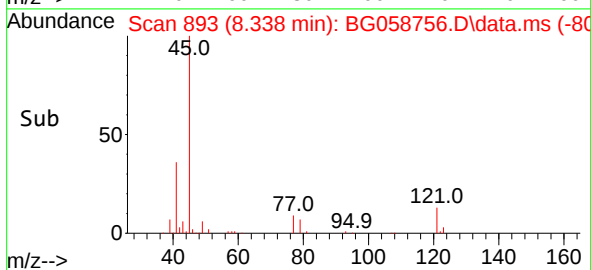
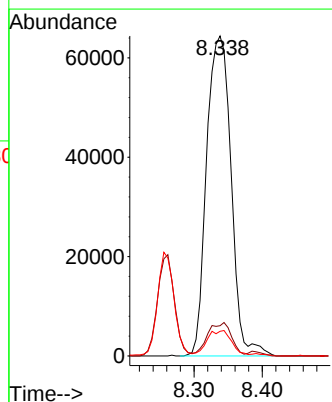
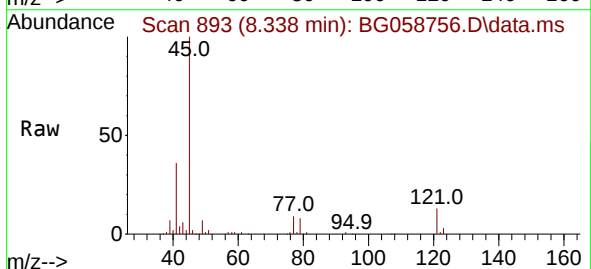
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 62.340 ng
RT: 8.338 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion: 45 Resp: 161063
Ion Ratio Lower Upper
45 100
77 9.5 0.0 32.6
79 7.7 0.0 30.2





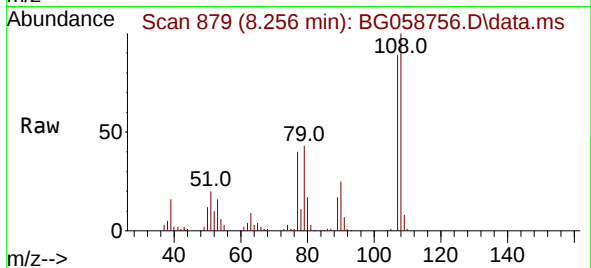
#17
2-Methylphenol
Concen: 50.687 ng
RT: 8.256 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

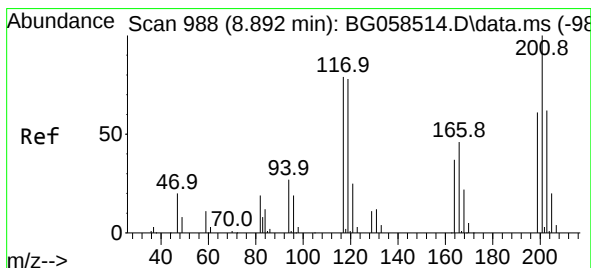
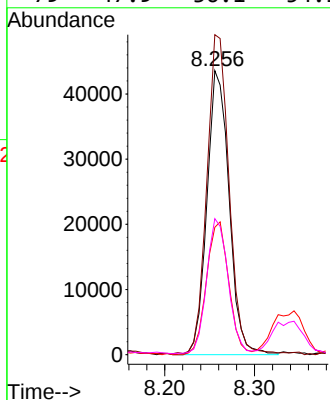
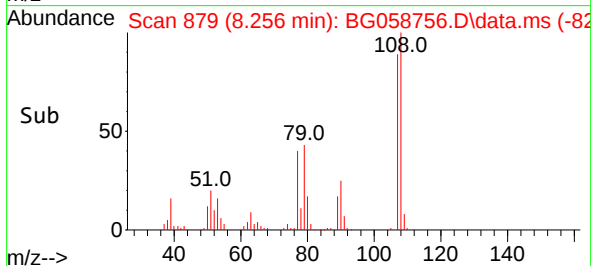


Tgt Ion:107 Resp: 74770
Ion Ratio Lower Upper
107 100
108 112.6 89.1 133.7
77 44.8 36.2 54.4
79 47.9 36.1 54.1

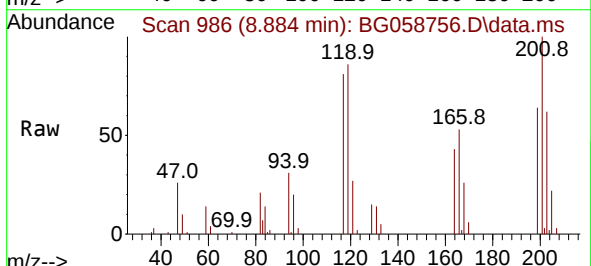
Manual Integrations

APPROVED

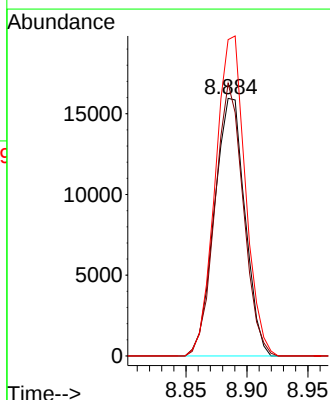
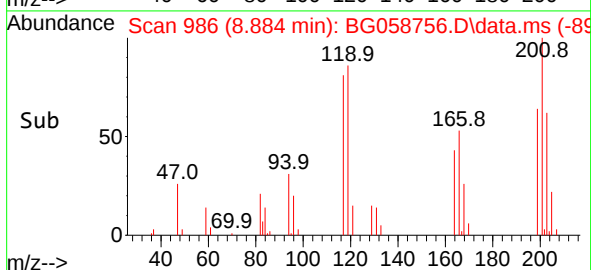
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#18
Hexachloroethane
Concen: 49.025 ng
RT: 8.884 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:117 Resp: 27819
Ion Ratio Lower Upper
117 100
119 105.8 78.6 117.8
201 122.8 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.053 ng
RT: 8.614 min Scan# 94
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

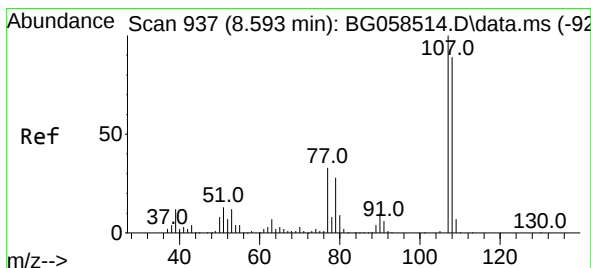
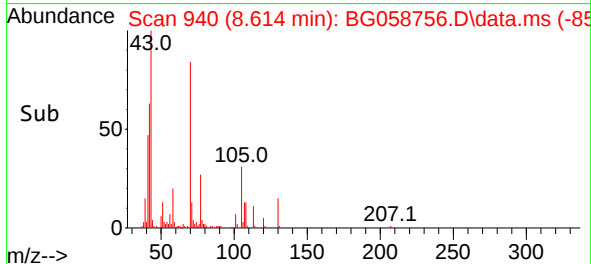
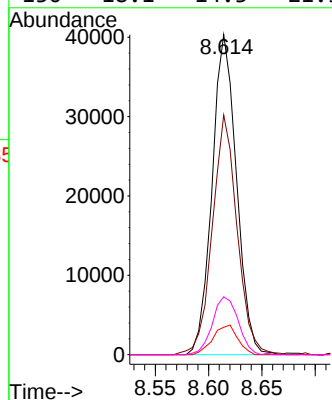
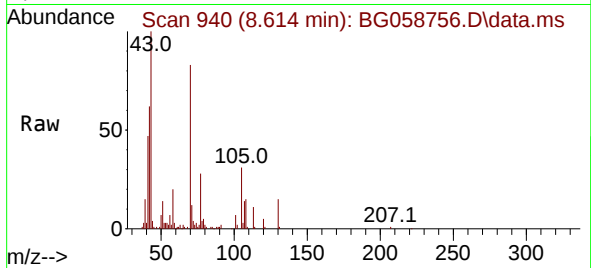
ClientSampleId :

PB154864BS

Tgt Ion: 70 Resp: 64104
Ion Ratio Lower Upper
70 100
42 74.9 49.7 74.5
101 8.6 7.0 10.4
130 18.1 14.3 21.5

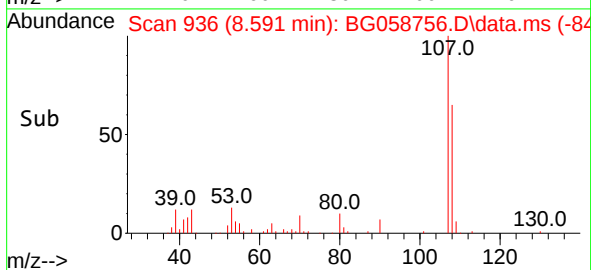
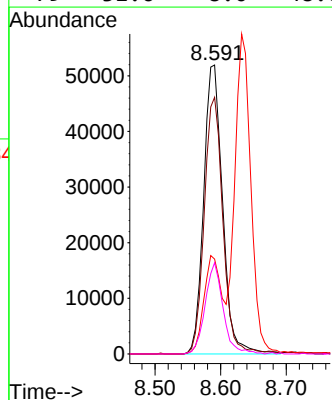
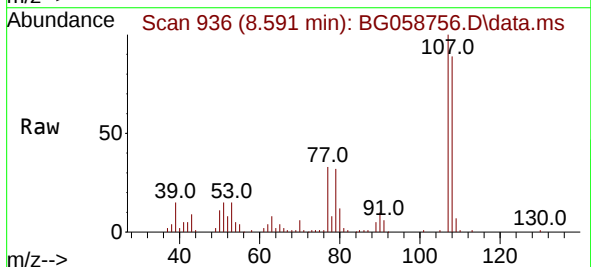
Manual Integrations
APPROVED

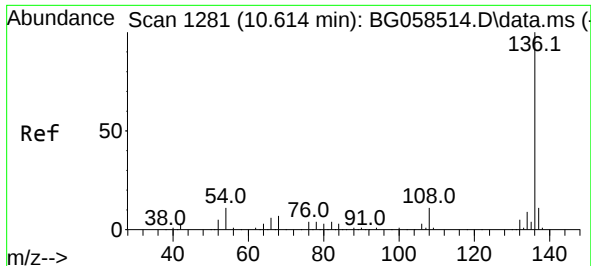
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#20
3+4-Methylphenols
Concen: 52.252 ng
RT: 8.591 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:107 Resp: 104261
Ion Ratio Lower Upper
107 100
108 88.8 69.4 109.4
77 32.8 13.0 53.0
79 31.6 8.0 48.0





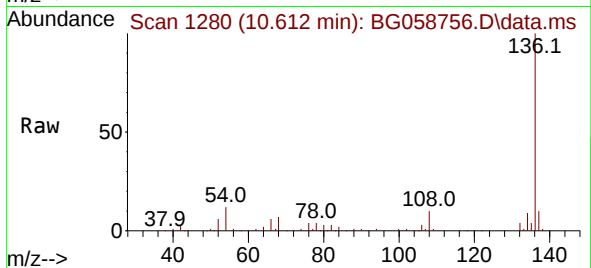
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

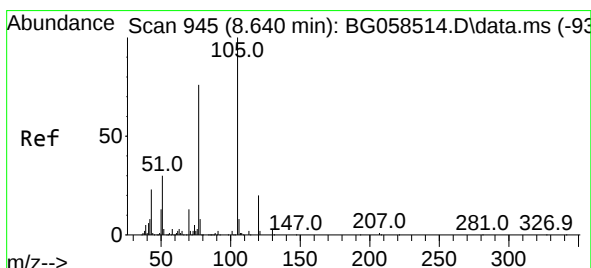
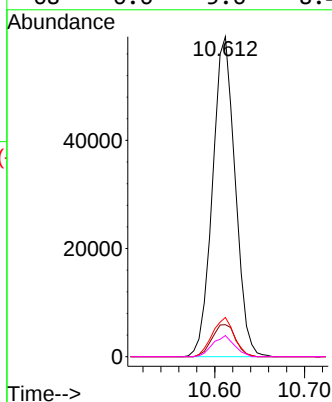
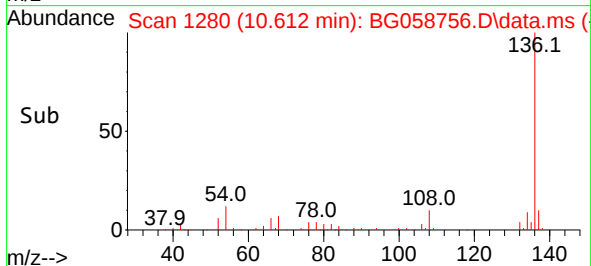


Tgt Ion:136 Resp: 103421
Ion Ratio Lower Upper
136 100
137 10.0 8.6 13.0
54 12.2 8.9 13.3
68 6.6 5.6 8.4

Manual Integrations

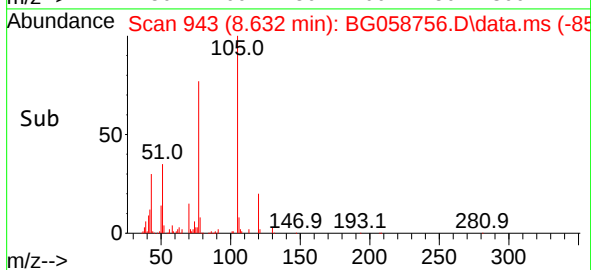
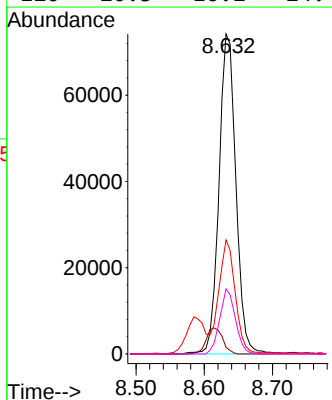
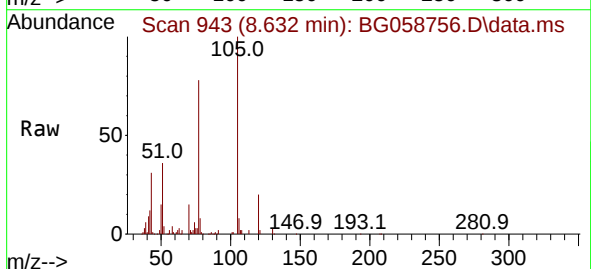
APPROVED

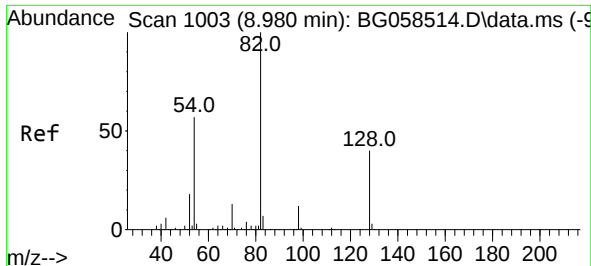
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#22
Acetophenone
Concen: 46.212 ng
RT: 8.632 min Scan# 943
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:105 Resp: 127972
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 35.7 24.2 36.2
120 20.3 16.2 24.4





#23

Nitrobenzene-d5

Concen: 89.237 ng

RT: 8.973 min Scan# 1001

Delta R.T. -0.008 min

Lab File: BG058756.D

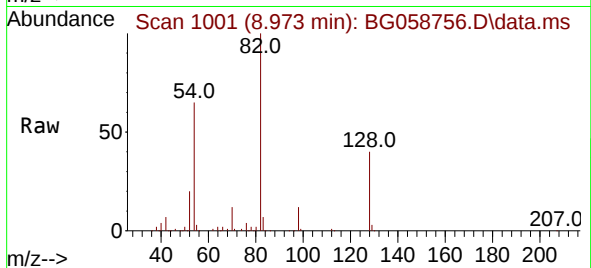
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



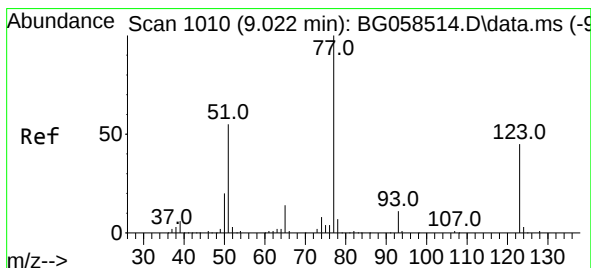
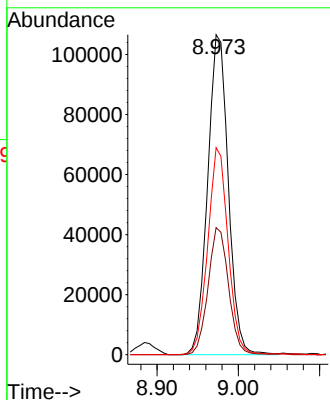
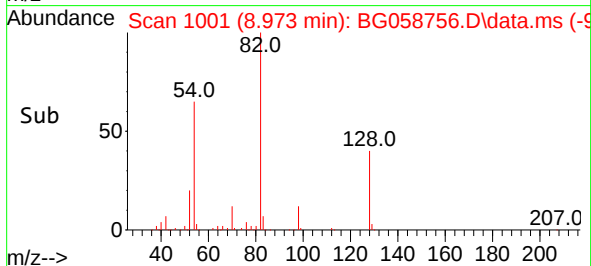
Tgt Ion:	82	Resp:	18786
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.2	48.2
54	64.7	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#24

Nitrobenzene

Concen: 45.852 ng

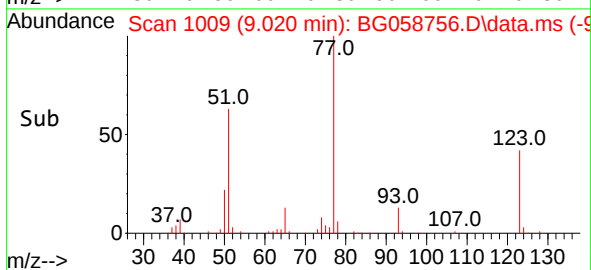
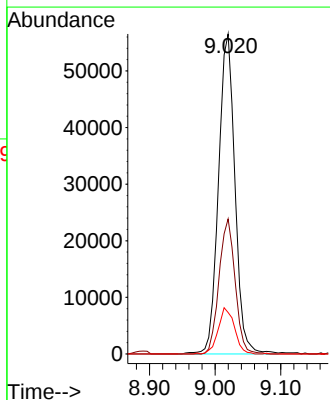
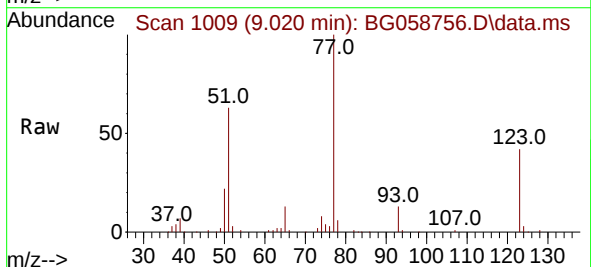
RT: 9.020 min Scan# 1009

Delta R.T. -0.002 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Tgt Ion:	77	Resp:	98135
Ion Ratio	Lower	Upper	
77	100		
123	42.2	35.6	53.4
65	12.9	11.4	17.0





#25
Isophorone
Concen: 43.855 ng
RT: 9.537 min Scan# 1109
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

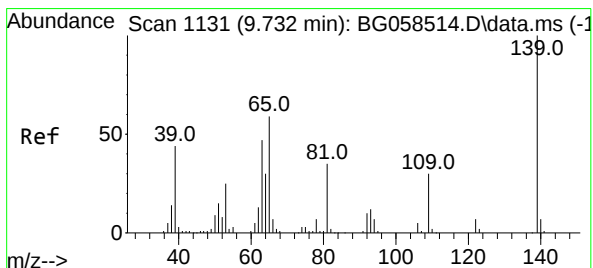
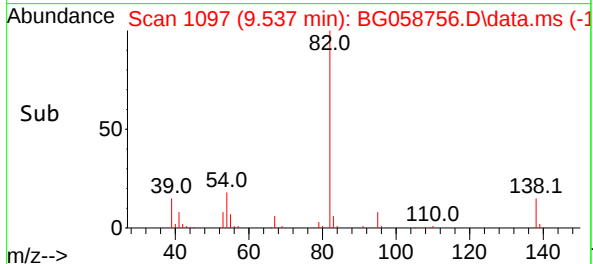
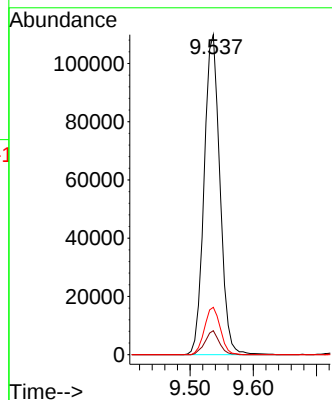
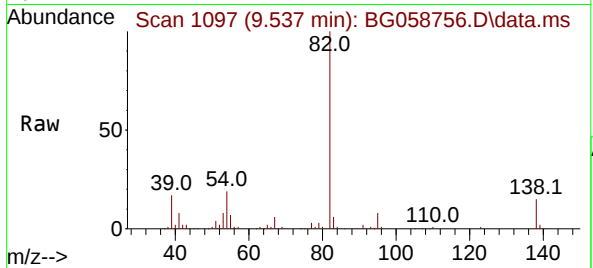
ClientSampleId :

PB154864BS

Tgt Ion: 82 Resp: 19076
Ion Ratio Lower Upper
82 100
95 7.5 5.1 7.7
138 14.8 11.9 17.9

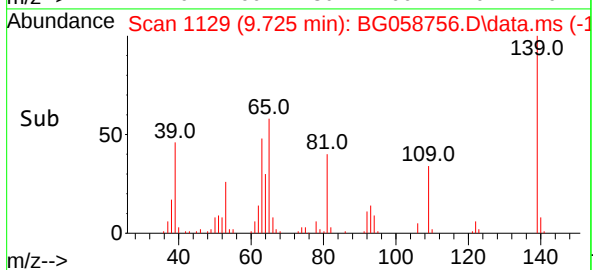
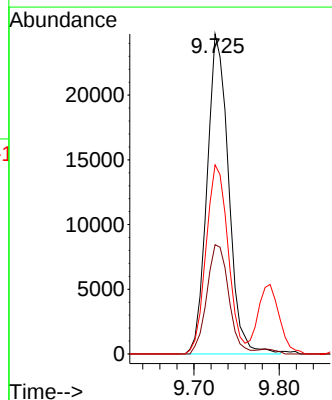
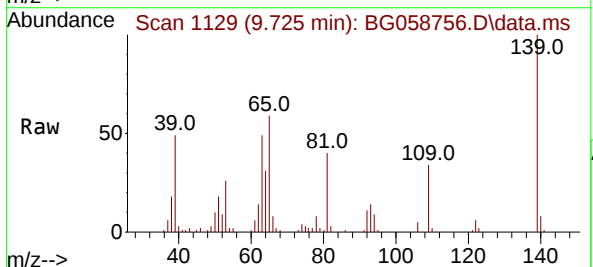
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 46.528 ng
RT: 9.725 min Scan# 1129
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:139 Resp: 43348
Ion Ratio Lower Upper
139 100
109 34.2 24.2 36.2
65 59.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.845 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

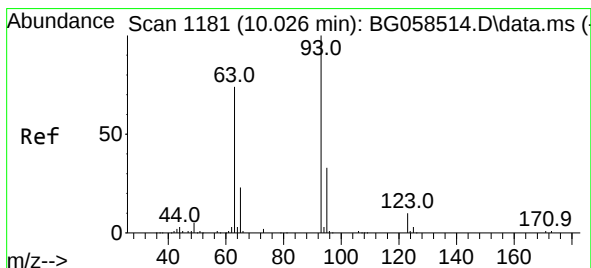
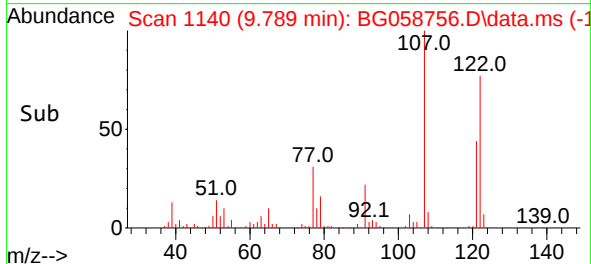
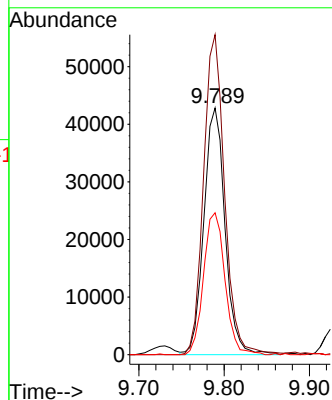
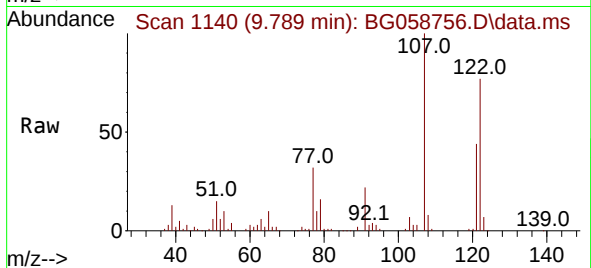
Tgt Ion:	122	Resp:	73938
Ion Ratio	Lower	Upper	
122	100		
107	129.7	98.0	147.0
121	57.5	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.742 ng

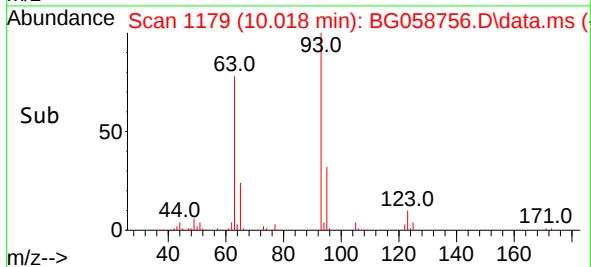
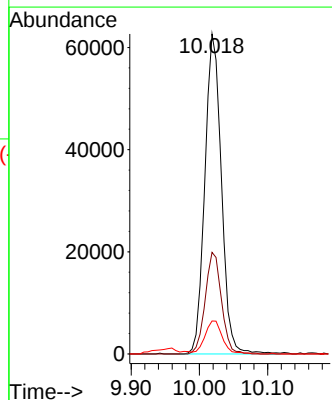
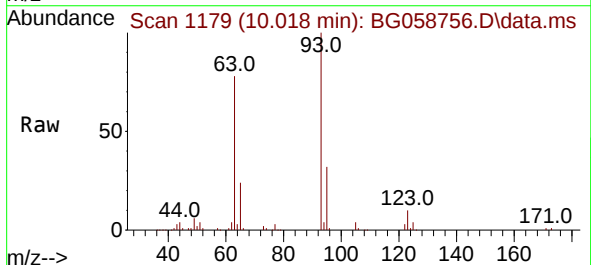
RT: 10.018 min Scan# 1179

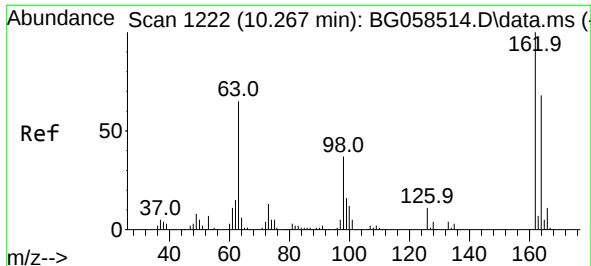
Delta R.T. -0.008 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Tgt Ion:	93	Resp:	105914
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.0	39.0
123	10.3	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 51.031 ng

RT: 10.265 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058756.D

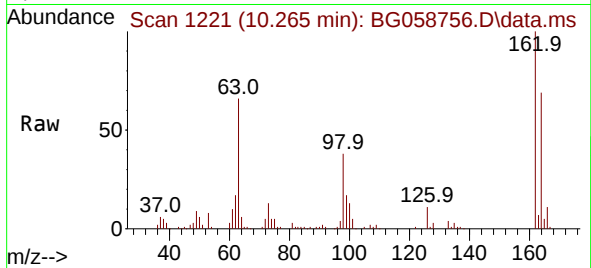
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



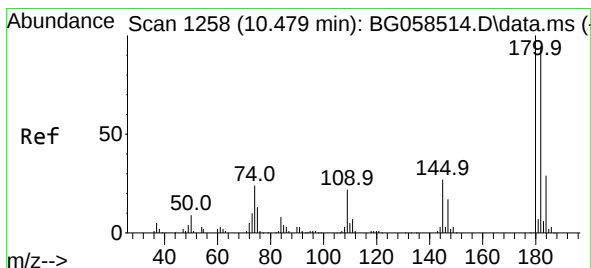
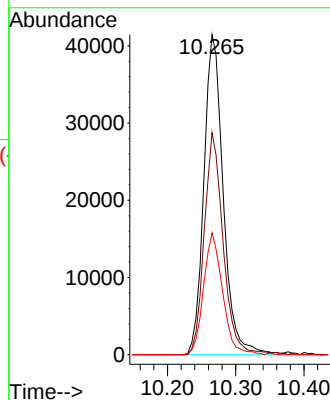
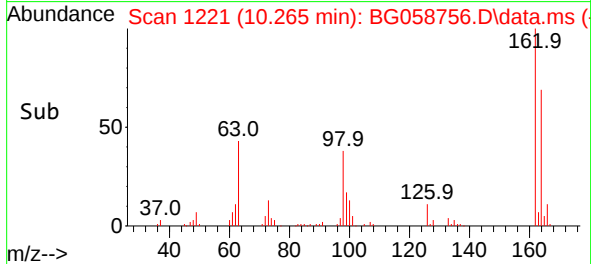
Tgt Ion:	162	Resp:	8188
Ion Ratio	Lower	Upper	
162	100		
164	69.4	47.6	87.6
98	38.1	17.1	57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#30

1,2,4-Trichlorobenzene

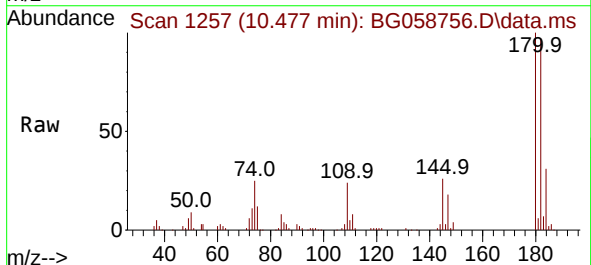
Concen: 47.235 ng

RT: 10.477 min Scan# 1257

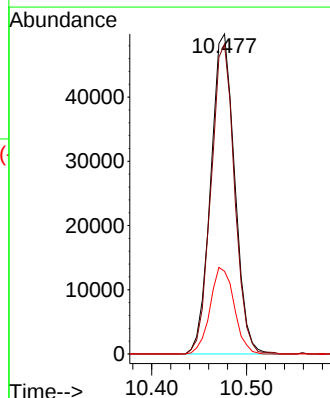
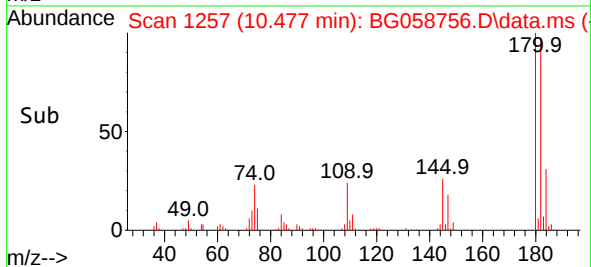
Delta R.T. -0.002 min

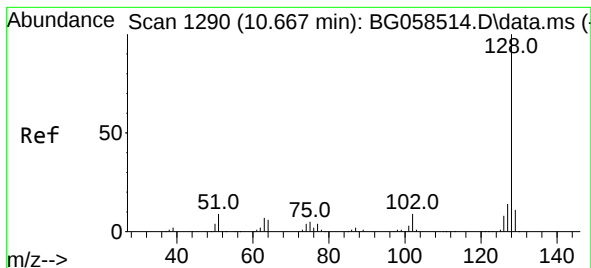
Lab File: BG058756.D

Acq: 17 Aug 2023 10:31



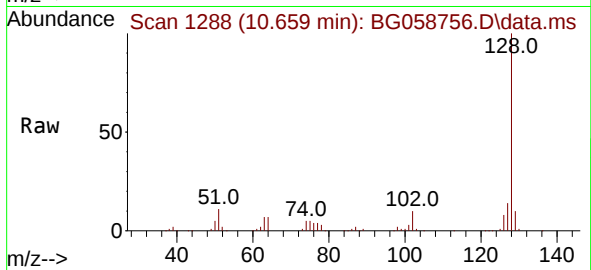
Tgt Ion:	180	Resp:	87405
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.0	112.4
145	25.9	21.9	32.9





#31
Naphthalene
Concen: 44.870 ng
RT: 10.659 min Scan# 1288
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

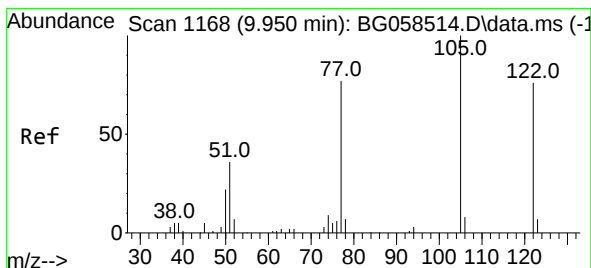
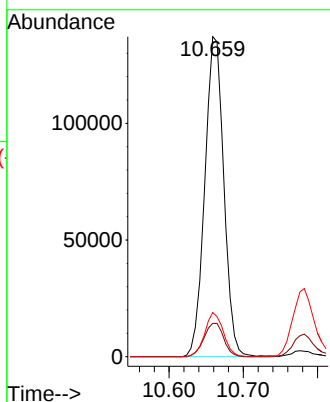
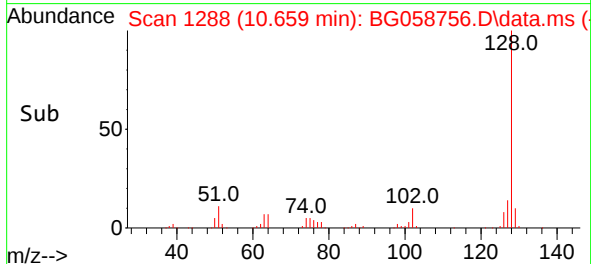
Instrument :
BNA_G
ClientSampleId :
PB154864BS



Tgt Ion:128 Resp: 244579
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.8 10.9 16.3

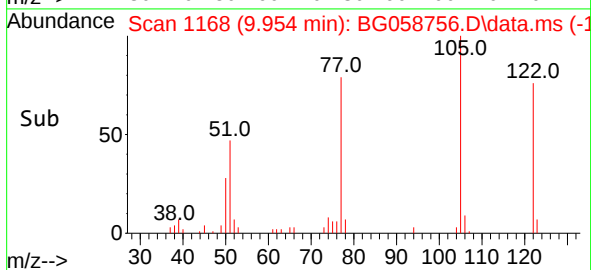
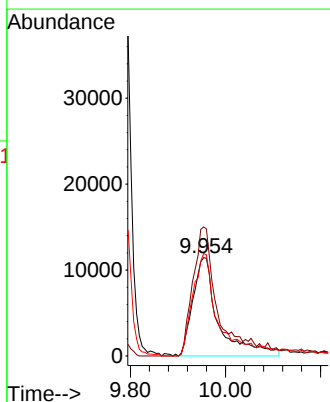
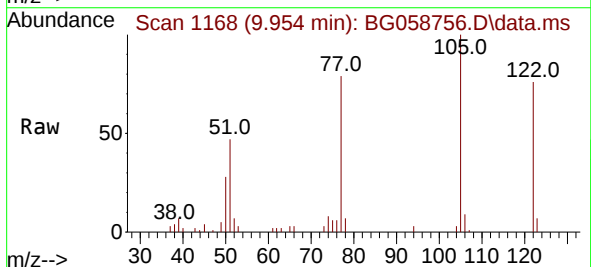
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 37.546 ng m
RT: 9.954 min Scan# 1168
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:122 Resp: 42999
Ion Ratio Lower Upper
122 100
105 131.3 106.5 146.5
77 104.2 78.1 118.1





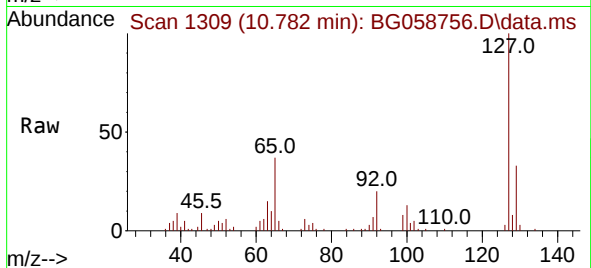
#33
4-Chloroaniline
Concen: 26.558 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



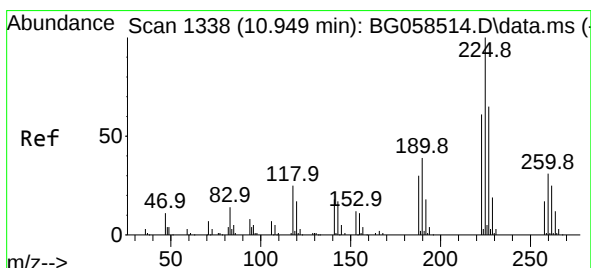
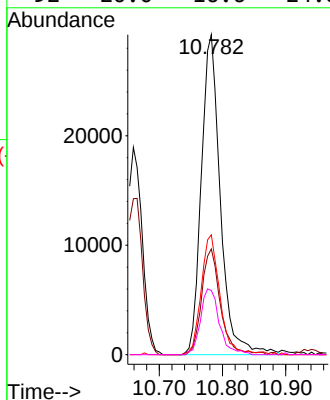
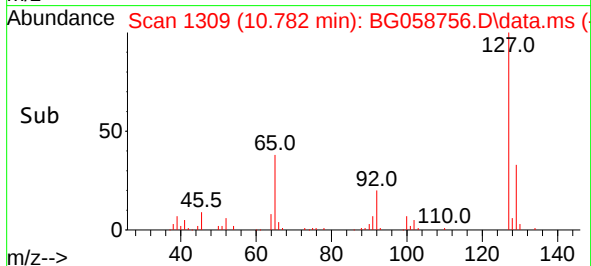
Tgt Ion:	127	Resp:	61164
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	37.5	29.5	44.3
92	20.0	16.6	24.8

Manual Integrations

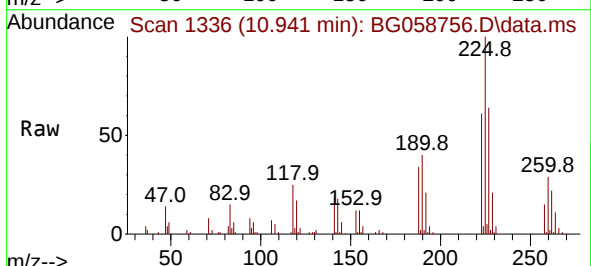
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

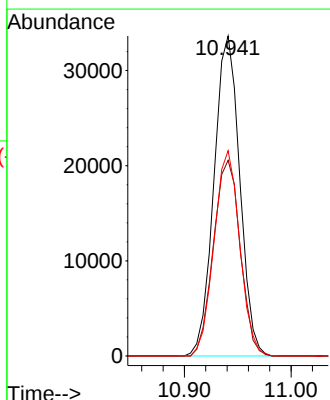
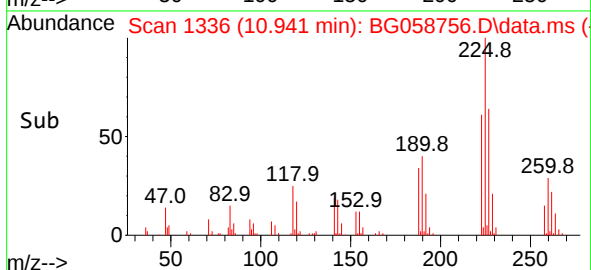
Supervised By :mohammad ahmed 08/18/2023

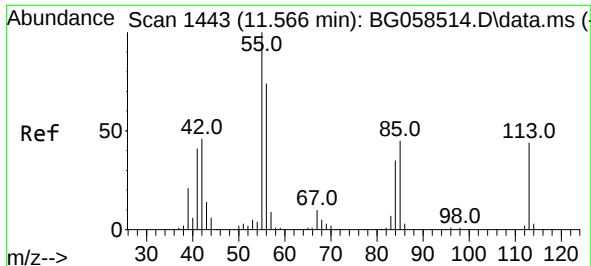


#34
Hexachlorobutadiene
Concen: 47.288 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:	225	Resp:	56351
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.0	73.6
227	64.2	51.7	77.5





#35
Caprolactam
Concen: 50.150 ng m
RT: 11.558 min Scan# 14
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

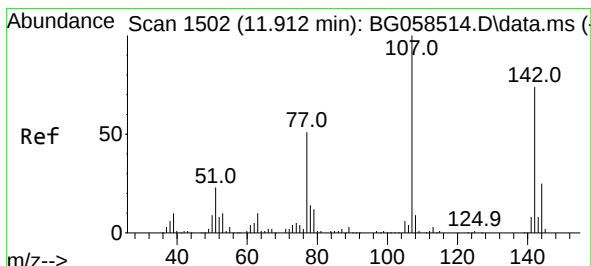
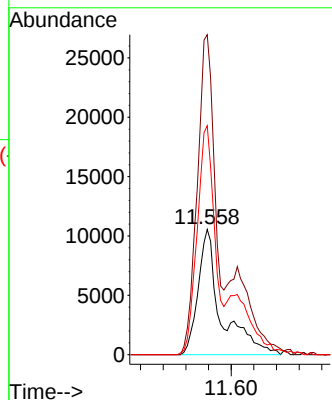
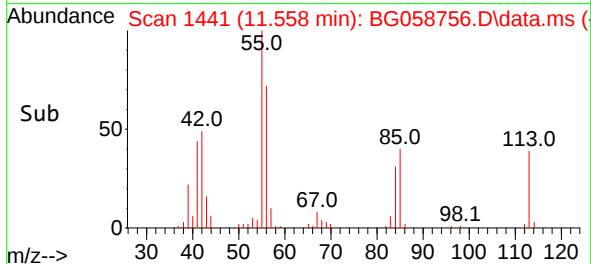
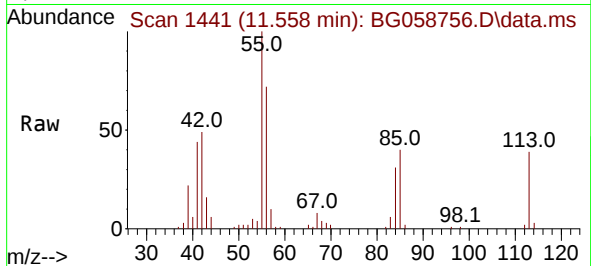
PB154864BS

Tgt Ion:113 Resp: 29715
Ion Ratio Lower Upper
113 100
55 255.3 208.0 248.0
56 182.7 148.6 188.6

Manual Integrations

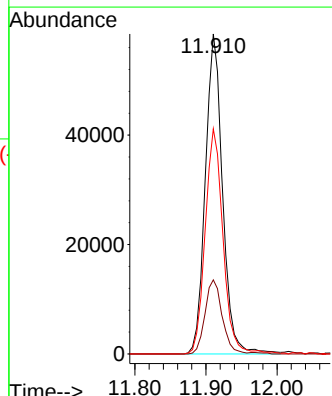
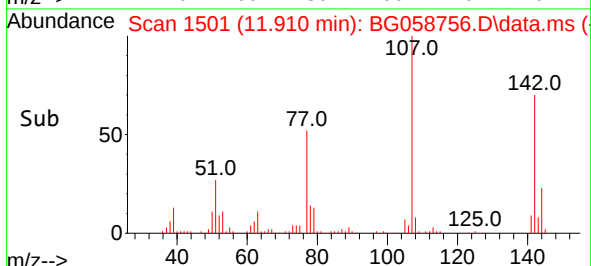
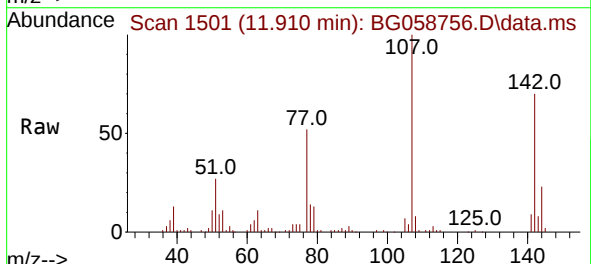
APPROVED

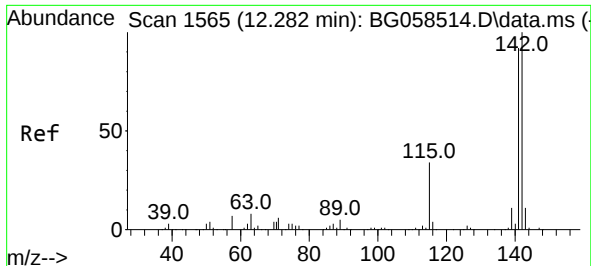
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#36
4-Chloro-3-methylphenol
Concen: 49.806 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:107 Resp: 98858
Ion Ratio Lower Upper
107 100
144 23.2 19.6 29.4
142 70.4 59.3 88.9





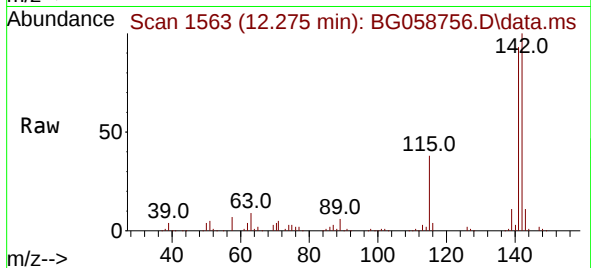
#37
2-Methylnaphthalene
Concen: 44.739 ng
RT: 12.275 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

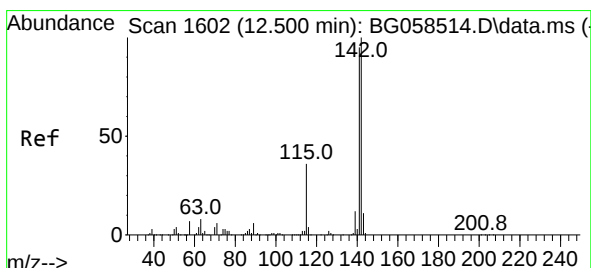
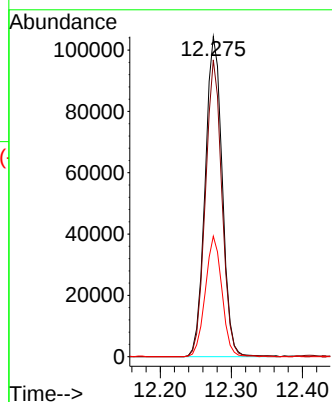
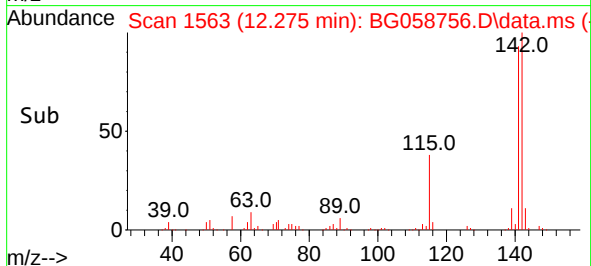


Tgt Ion:142 Resp: 17444
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
115 37.7 27.4 41.0

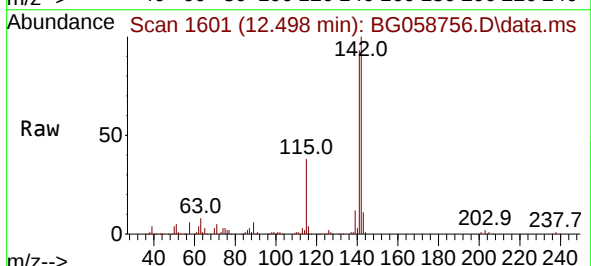
Manual Integrations

APPROVED

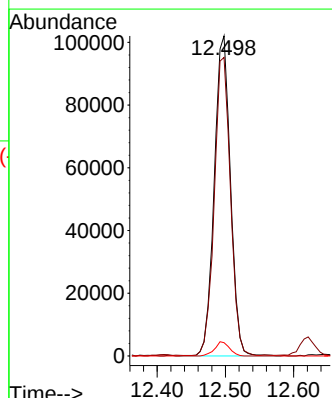
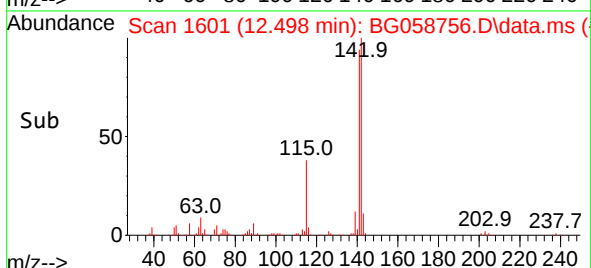
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

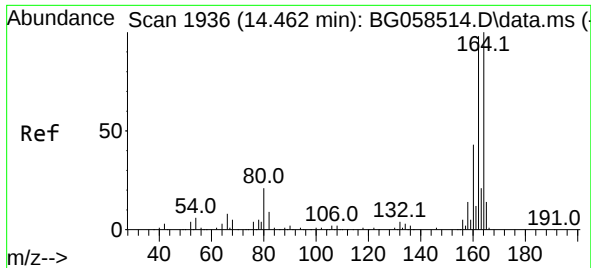


#38
1-Methylnaphthalene
Concen: 45.555 ng
RT: 12.498 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:142 Resp: 168846
Ion Ratio Lower Upper
142 100
141 93.3 75.7 113.5
116 4.2 3.2 4.8





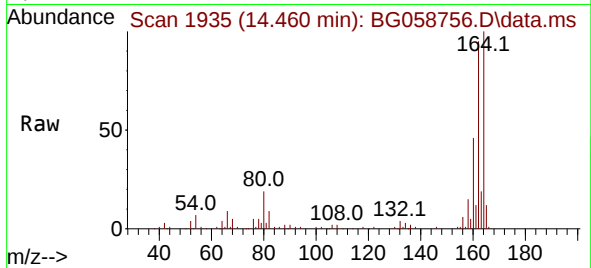
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

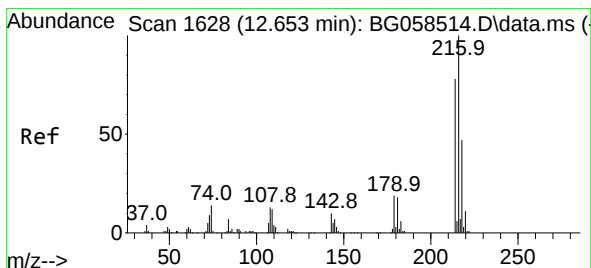
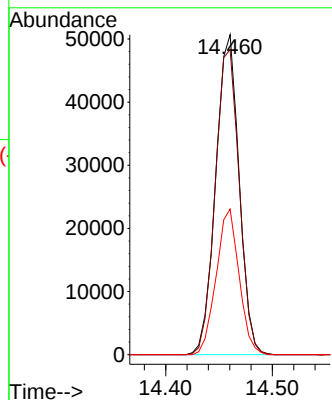
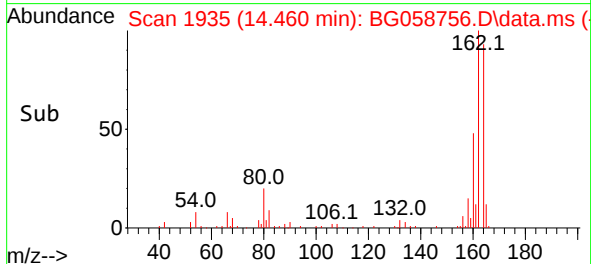


Tgt Ion:164 Resp: 77110
Ion Ratio Lower Upper
164 100
162 95.4 78.3 117.5
160 45.5 34.1 51.1

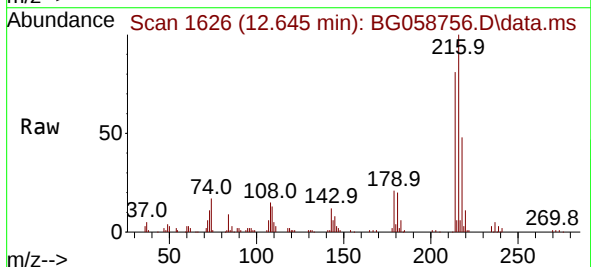
Manual Integrations

APPROVED

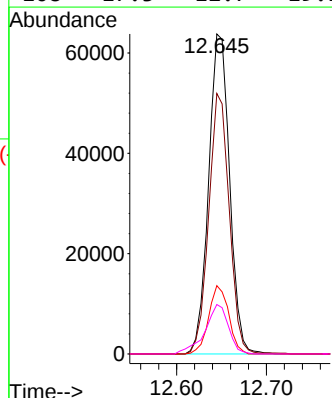
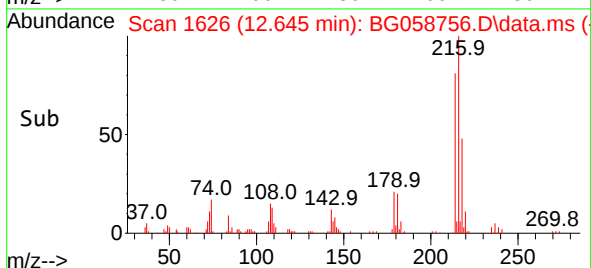
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

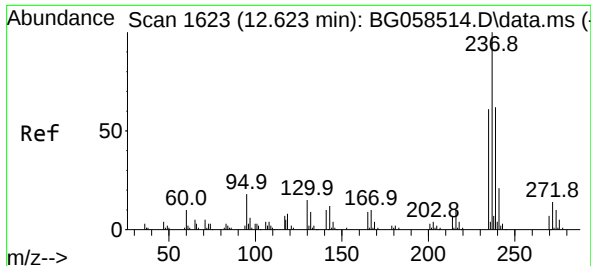


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.709 ng
RT: 12.645 min Scan# 1626
Delta R.T. -0.008 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



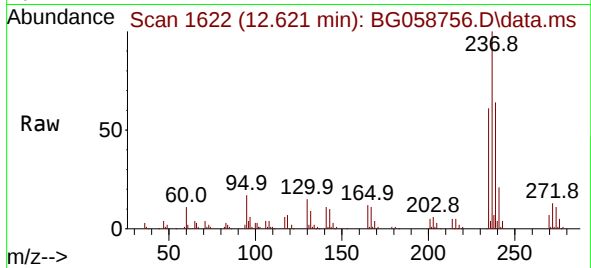
Tgt Ion:216 Resp: 103483
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 20.4 15.6 23.4
108 17.3 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 78.569 ng
RT: 12.621 min Scan# 1623
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

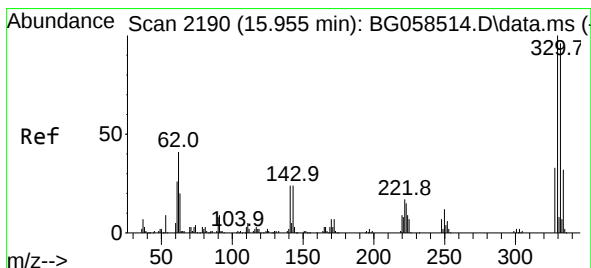
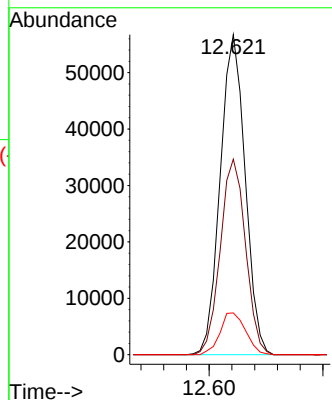
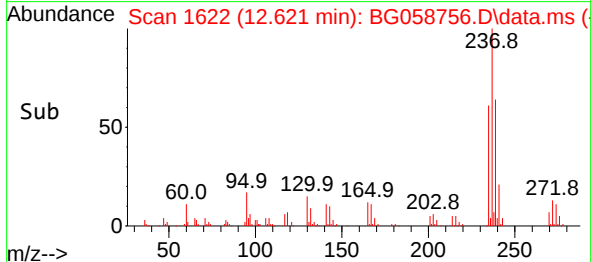
Instrument :
BNA_G
ClientSampleId :
PB154864BS



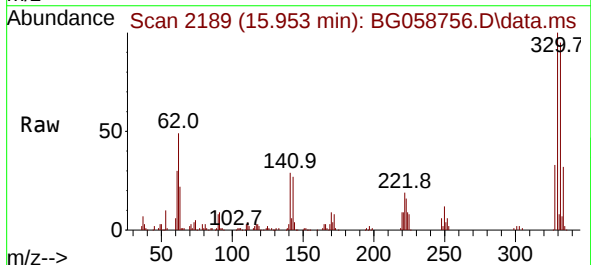
Tgt Ion:237 Resp: 86252
Ion Ratio Lower Upper
237 100
235 61.1 41.0 81.0
272 13.0 0.0 33.6

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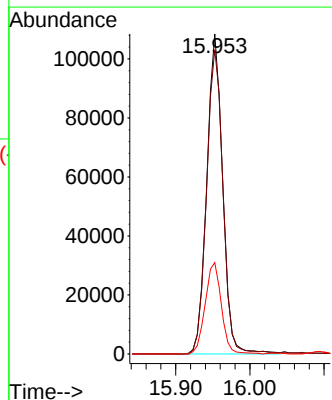
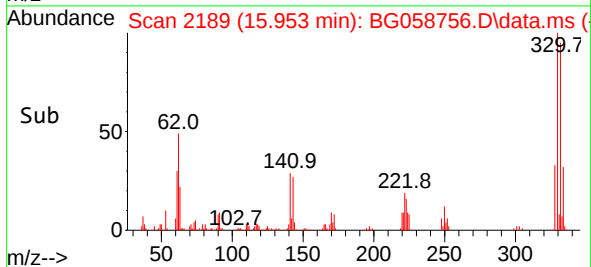
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

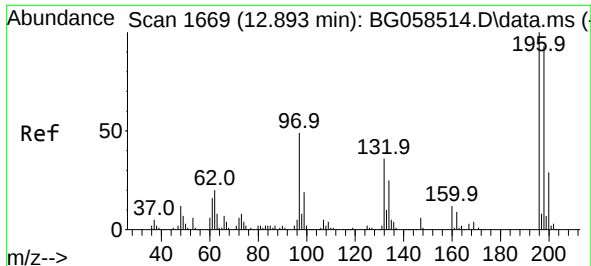


#42
2,4,6-Tribromophenol
Concen: 128.248 ng
RT: 15.953 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:330 Resp: 162104
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 28.9 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 46.458 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

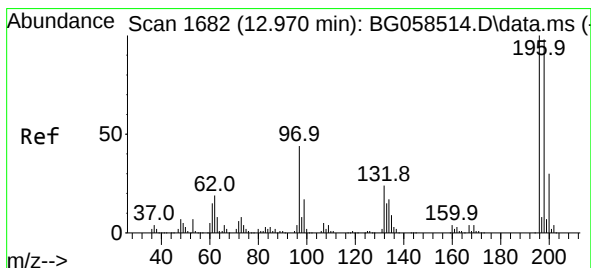
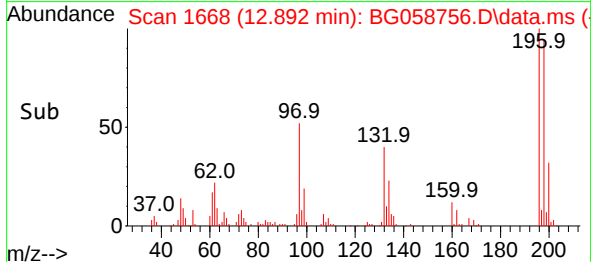
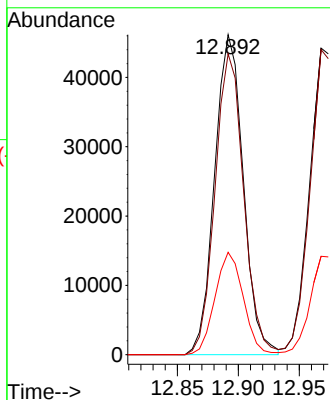
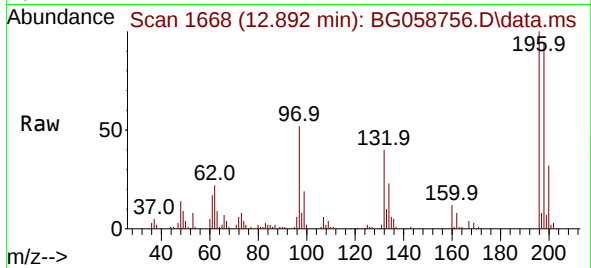
ClientSampleId :

PB154864BS

Tgt Ion:196 Resp: 75654
Ion Ratio Lower Upper
196 100
198 94.0 74.2 111.4
200 32.0 22.9 34.3

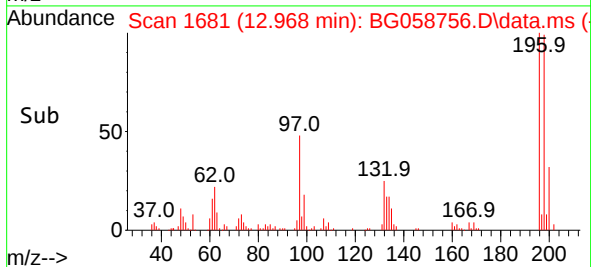
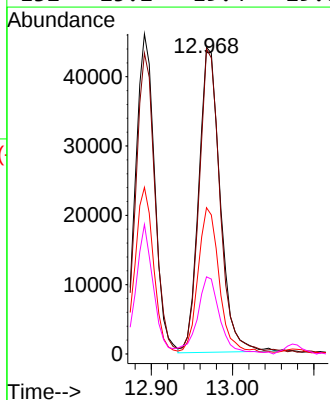
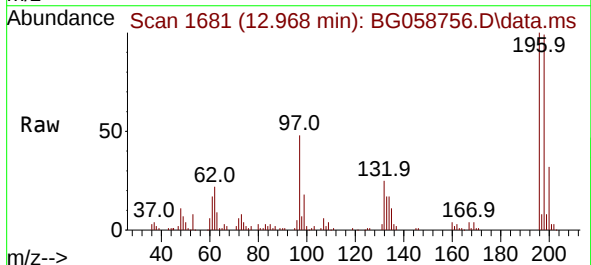
Manual Integrations
APPROVED

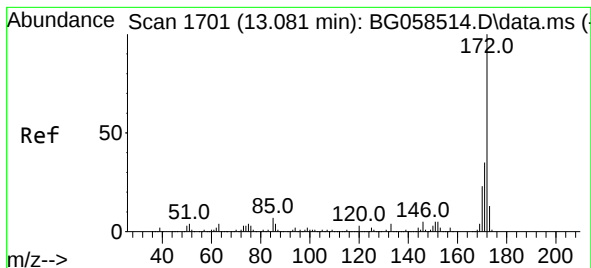
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#44
2,4,5-Trichlorophenol
Concen: 41.919 ng
RT: 12.968 min Scan# 1681
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:196 Resp: 80402
Ion Ratio Lower Upper
196 100
198 99.5 78.3 117.5
97 47.7 35.2 52.8
132 25.2 19.4 29.0





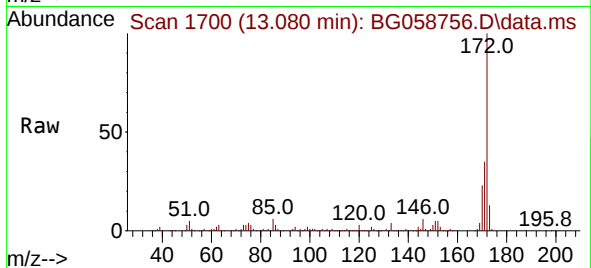
#45
2-Fluorobiphenyl
Concen: 87.321 ng
RT: 13.080 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



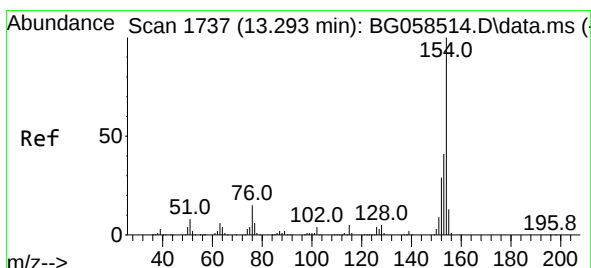
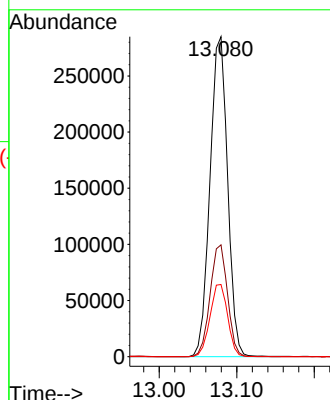
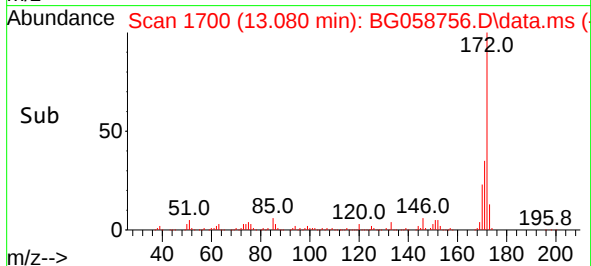
Tgt Ion:172 Resp: 44934
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.5 18.4 27.6

Manual Integrations

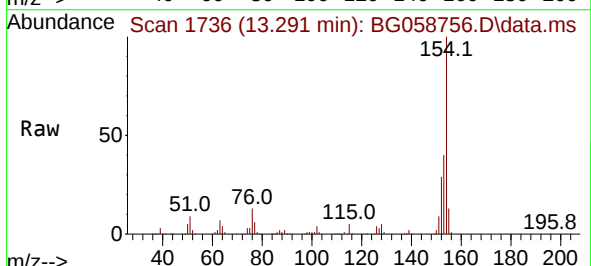
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

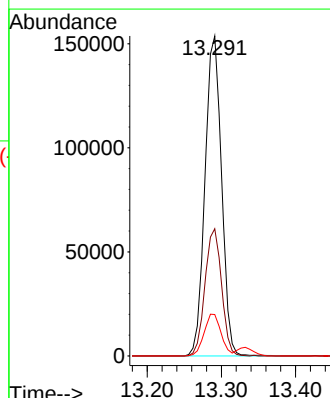
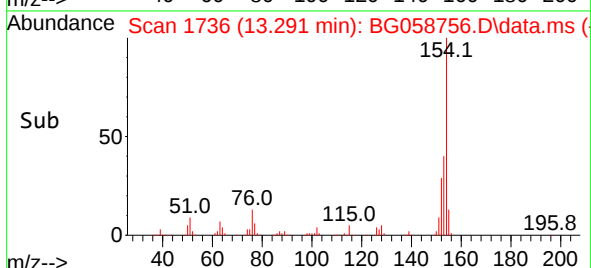
Supervised By :mohammad ahmed 08/18/2023

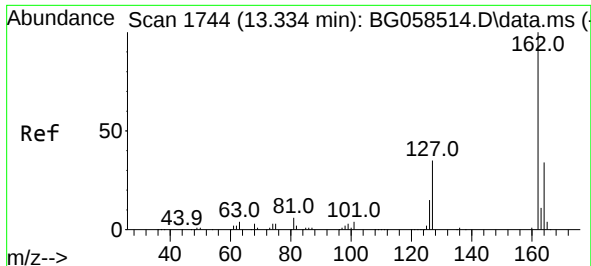


#46
1,1'-Biphenyl
Concen: 44.912 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:154 Resp: 237853
Ion Ratio Lower Upper
154 100
153 39.7 21.2 61.2
76 13.0 0.0 34.7





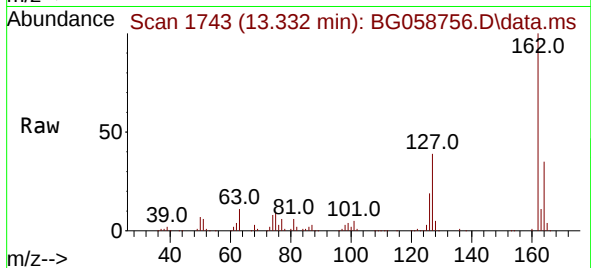
#47
2-Chloronaphthalene
Concen: 45.598 ng
RT: 13.332 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



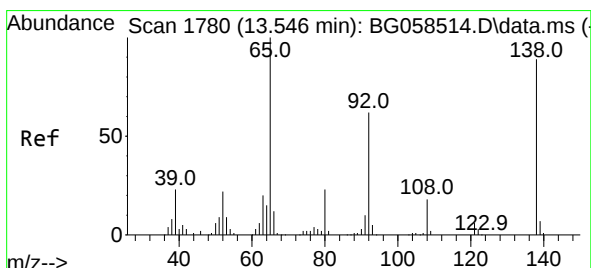
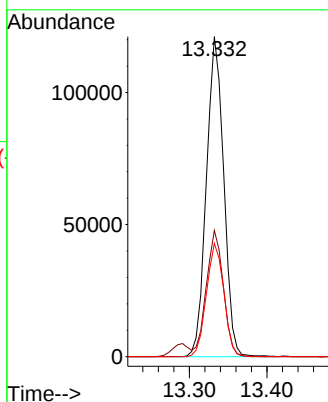
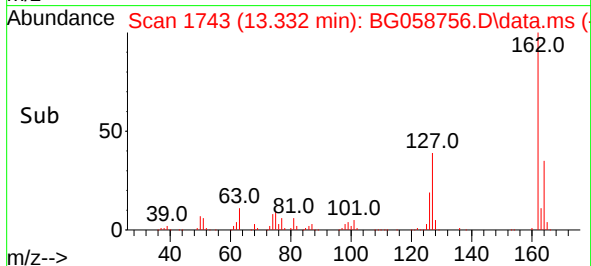
Tgt Ion:162 Resp: 188280
Ion Ratio Lower Upper
162 100
127 39.4 30.9 46.3
164 35.3 27.2 40.8

Manual Integrations

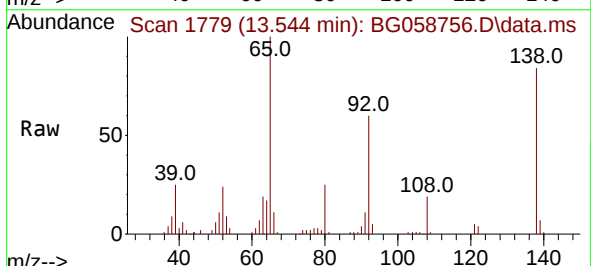
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

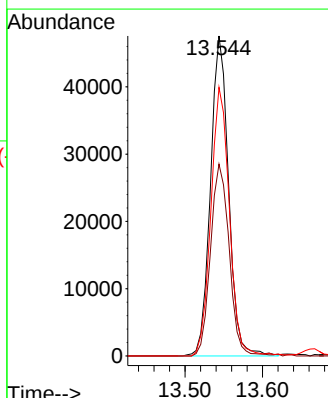
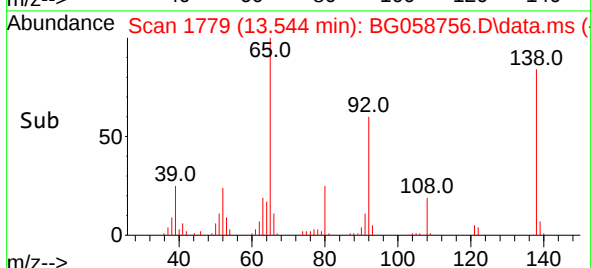
Supervised By :mohammad ahmed 08/18/2023

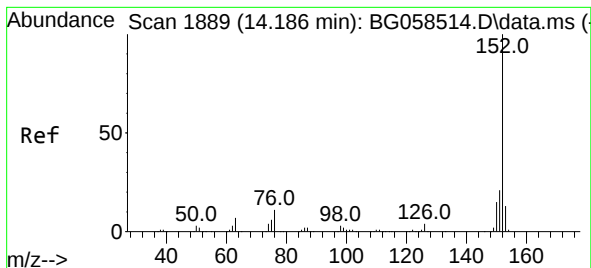


#48
2-Nitroaniline
Concen: 48.912 ng
RT: 13.544 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion: 65 Resp: 77091
Ion Ratio Lower Upper
65 100
92 60.0 49.2 73.8
138 83.9 71.5 107.3





#49

Acenaphthylene

Concen: 46.684 ng

RT: 14.178 min Scan# 1887

Delta R.T. -0.008 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

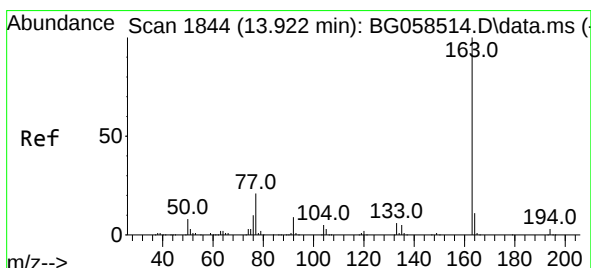
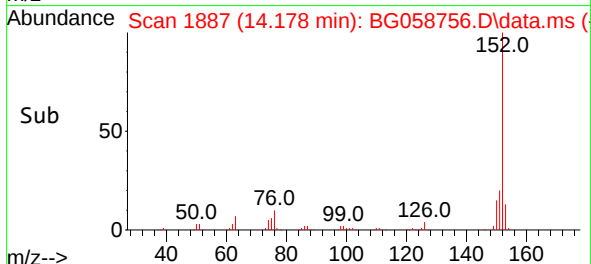
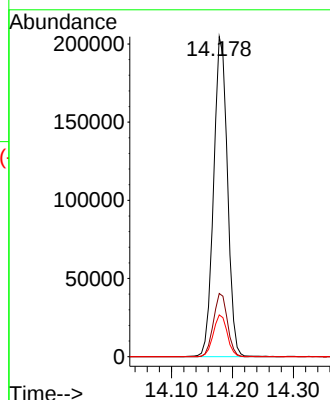
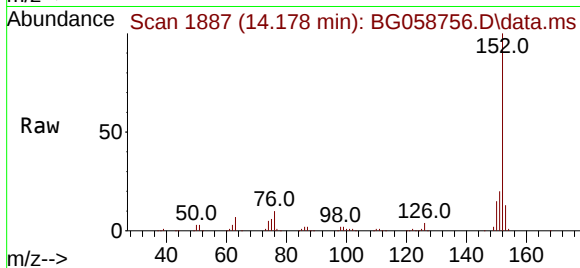
ClientSampleId :

PB154864BS

Tgt Ion:152 Resp: 32274
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.5 24.7
 153 13.1 10.7 16.1

Manual Integrations
 APPROVED

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



#50

Dimethylphthalate

Concen: 46.603 ng

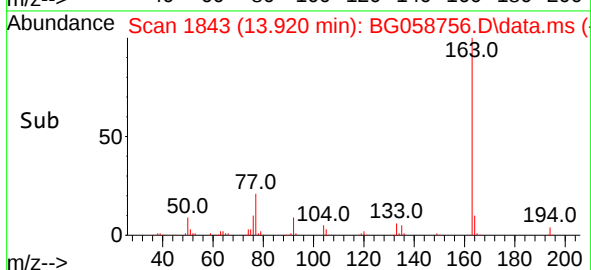
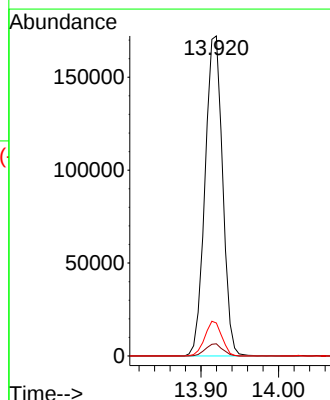
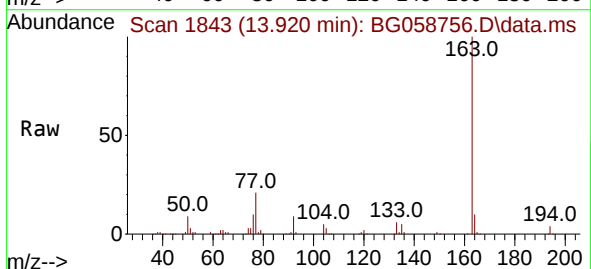
RT: 13.920 min Scan# 1843

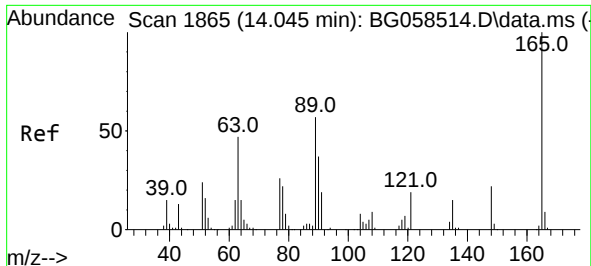
Delta R.T. -0.002 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Tgt Ion:163 Resp: 269904
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.3 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.666 ng
RT: 14.043 min Scan# 1864
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

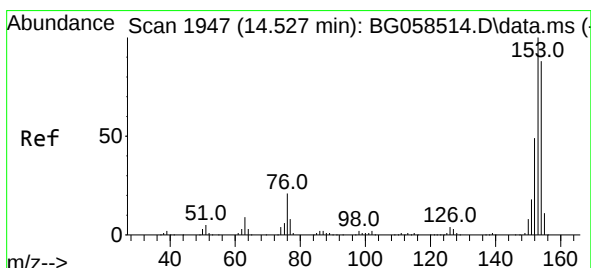
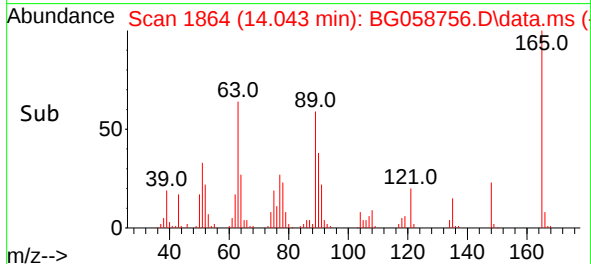
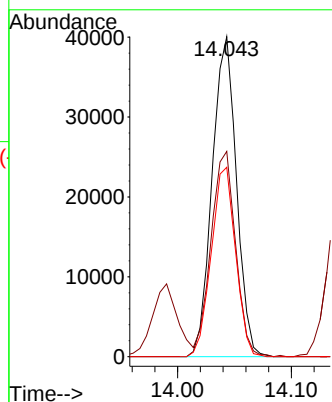
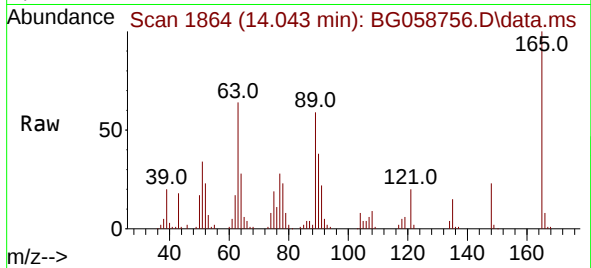
ClientSampleId :

PB154864BS

Tgt Ion:165 Resp: 59302
Ion Ratio Lower Upper
165 100
63 64.1 46.4 69.6
89 59.2 45.3 67.9

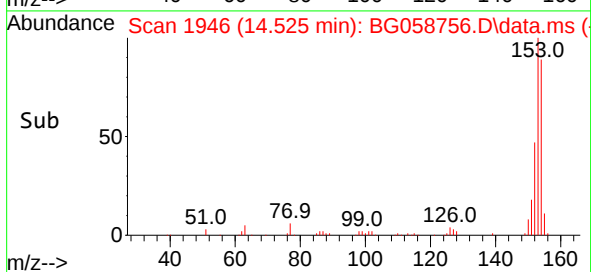
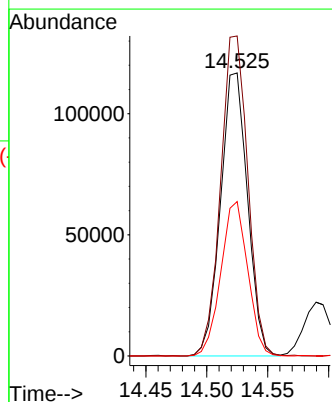
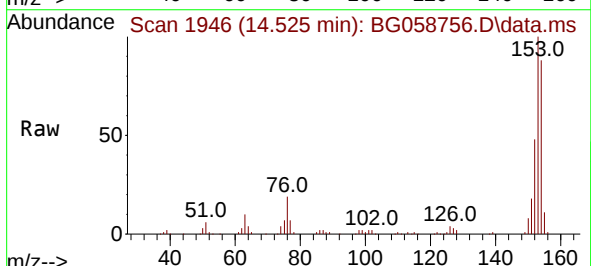
Manual Integrations
APPROVED

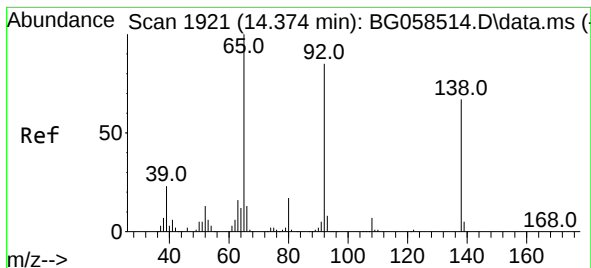
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#52
Acenaphthene
Concen: 45.102 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:154 Resp: 180169
Ion Ratio Lower Upper
154 100
153 113.0 91.1 136.7
152 54.5 44.6 66.8





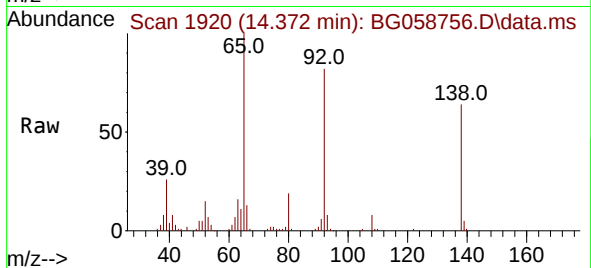
#53
3-Nitroaniline
Concen: 31.557 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



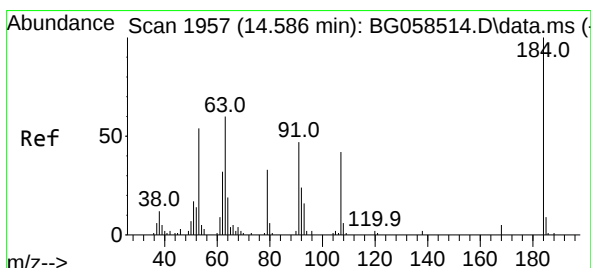
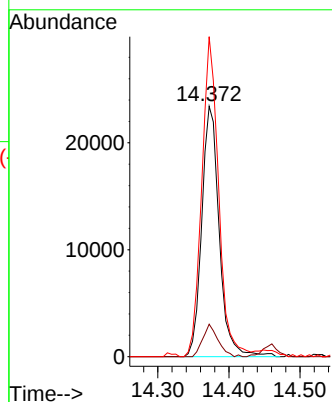
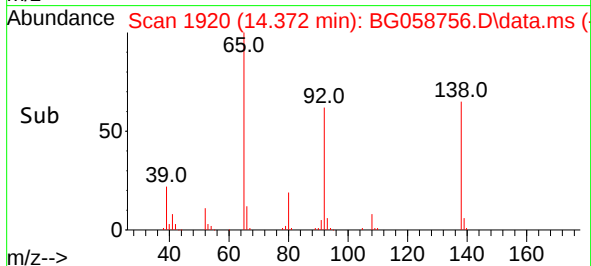
Tgt Ion:138 Resp: 4012
Ion Ratio Lower Upper
138 100
108 13.0 8.3 12.5
92 127.8 101.1 151.7

Manual Integrations

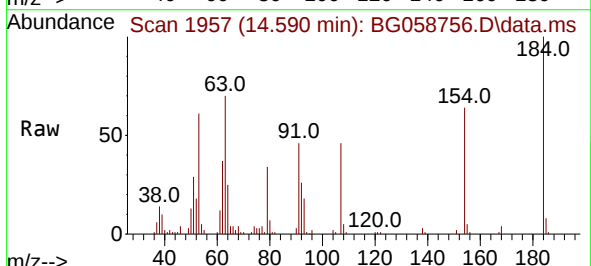
APPROVED

Reviewed By :Yogesh Patel 08/18/2023

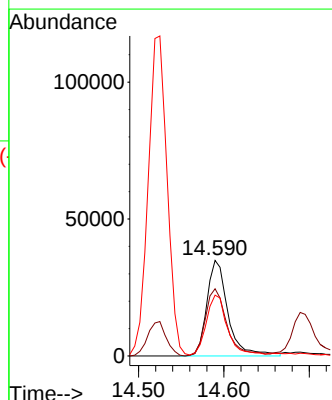
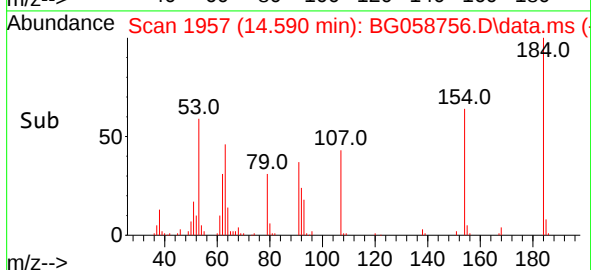
Supervised By :mohammad ahmed 08/18/2023

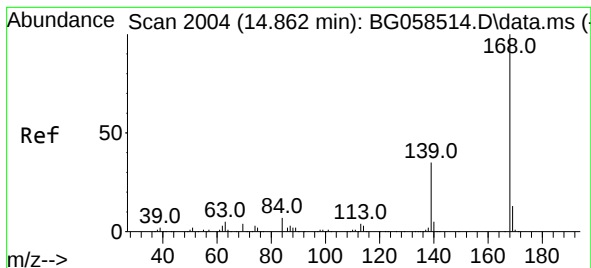


#54
2,4-Dinitrophenol
Concen: 83.455 ng
RT: 14.590 min Scan# 1957
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:184 Resp: 60040
Ion Ratio Lower Upper
184 100
63 70.3 56.7 85.1
154 63.6 46.1 69.1





#55
Dibenzenofuran
Concen: 45.366 ng
RT: 14.860 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

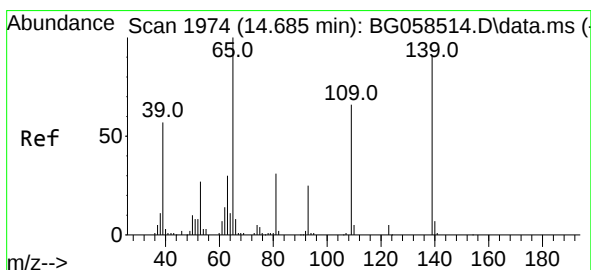
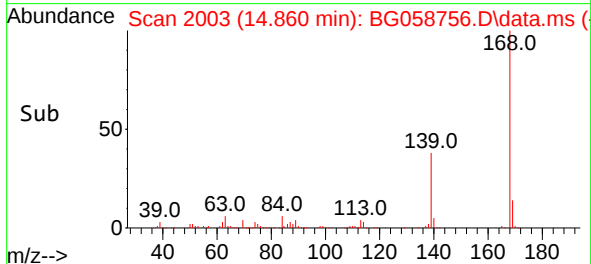
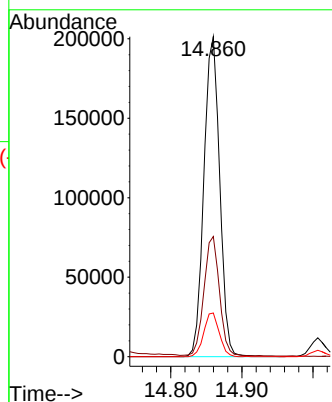
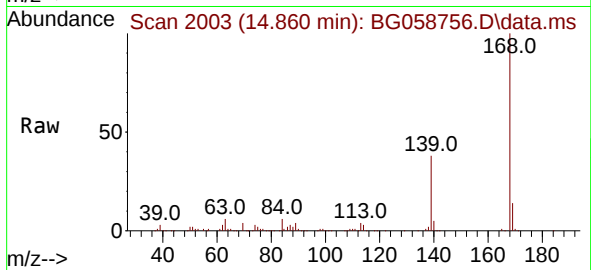
PB154864BS

Tgt Ion:168 Resp: 311397
Ion Ratio Lower Upper
168 100
139 37.5 27.8 41.8
169 13.7 10.6 16.0

Manual Integrations

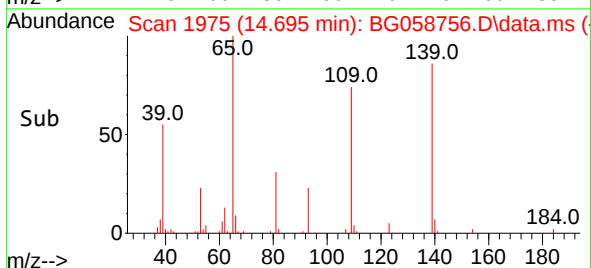
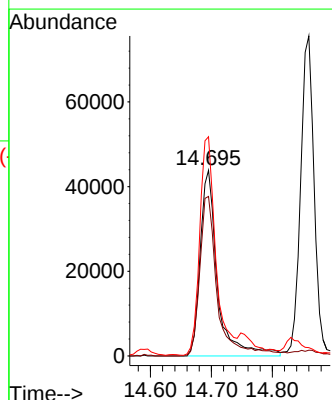
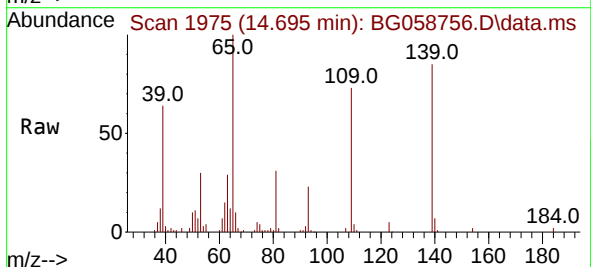
APPROVED

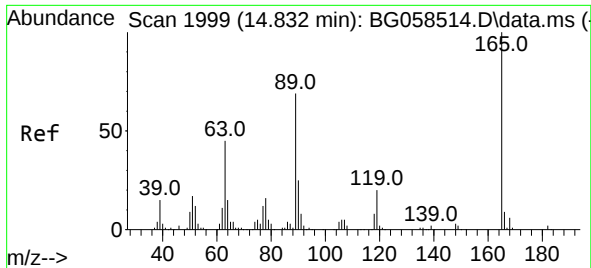
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#56
4-Nitrophenol
Concen: 91.355 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:139 Resp: 86530
Ion Ratio Lower Upper
139 100
109 86.0 52.5 92.5
65 118.1 90.5 130.5





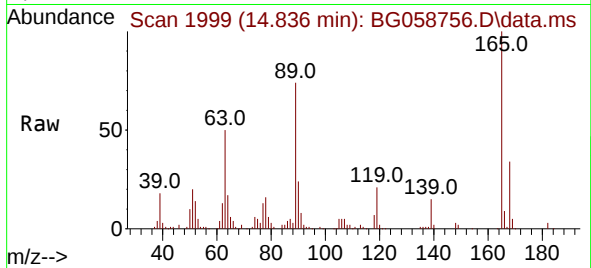
#57
2,4-Dinitrotoluene
Concen: 49.875 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

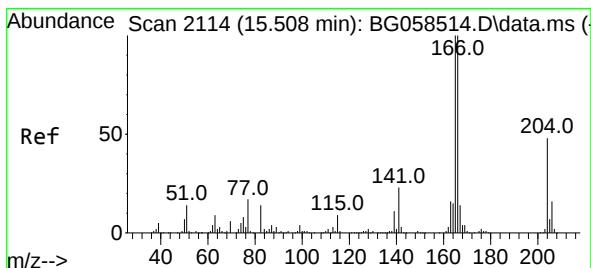
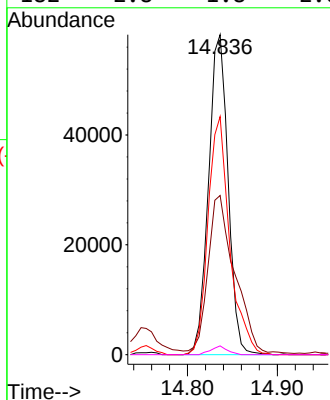
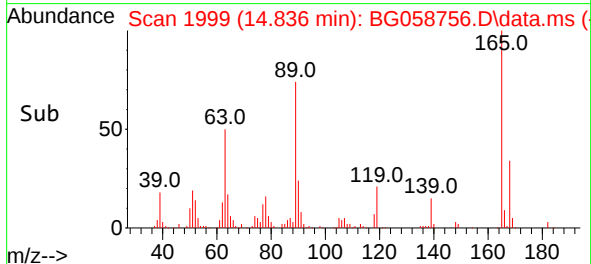


Tgt Ion:165 Resp: 8786
Ion Ratio Lower Upper
165 100
63 49.8 36.6 54.8
89 74.4 55.4 83.0
182 2.8 1.8 2.6#

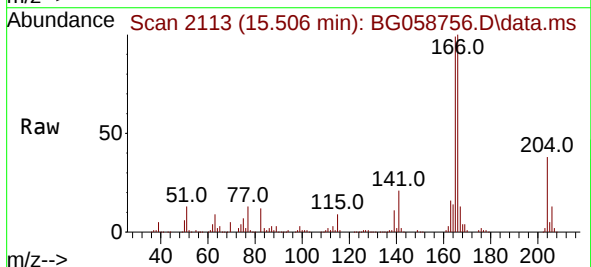
Manual Integrations

APPROVED

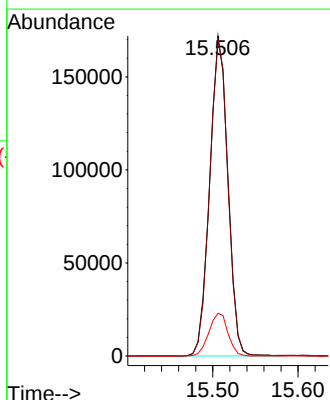
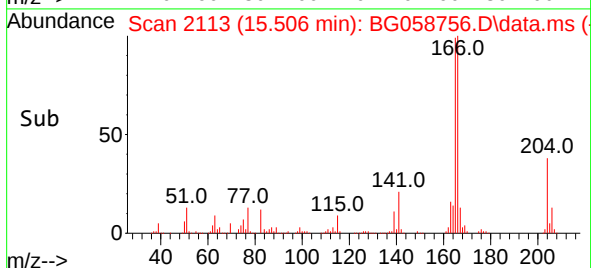
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

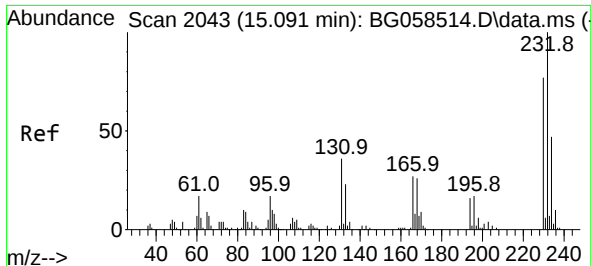


#58
Fluorene
Concen: 46.680 ng
RT: 15.506 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:166 Resp: 254543
Ion Ratio Lower Upper
166 100
165 98.7 80.0 120.0
167 13.4 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.294 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

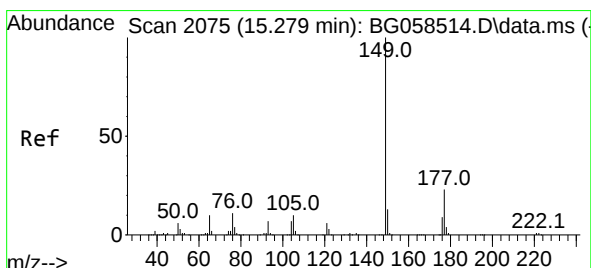
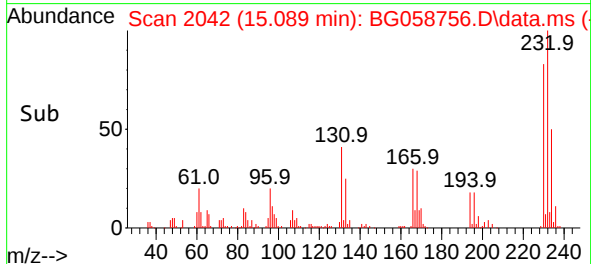
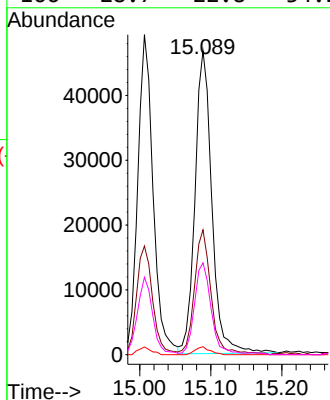
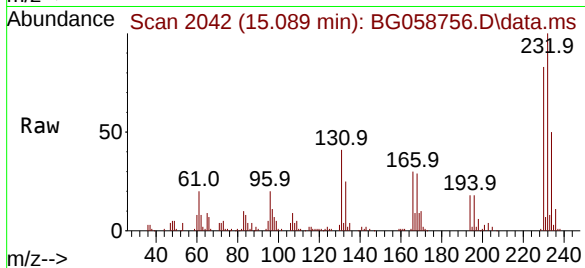
PB154864BS

Tgt Ion:232 Resp: 77400
Ion Ratio Lower Upper
232 100
131 40.7 30.0 45.0
130 2.3 1.5 2.3
166 28.7 22.8 34.2

Manual Integrations

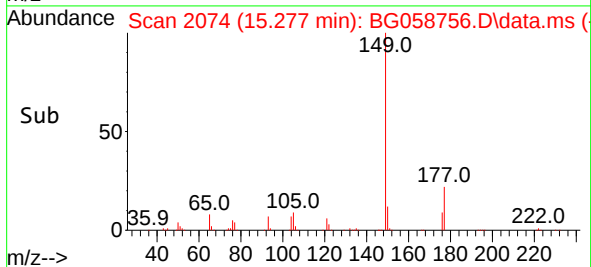
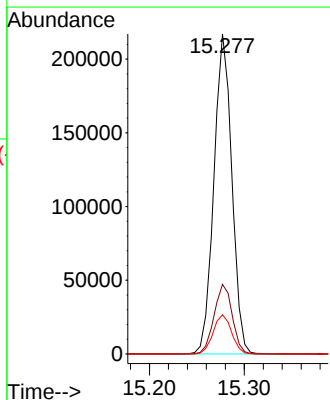
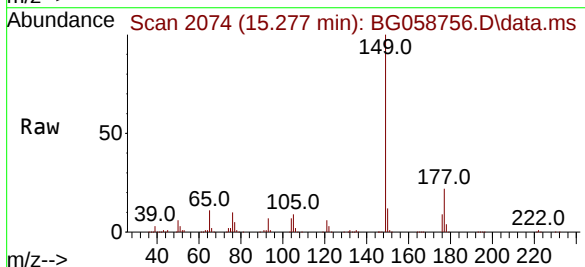
APPROVED

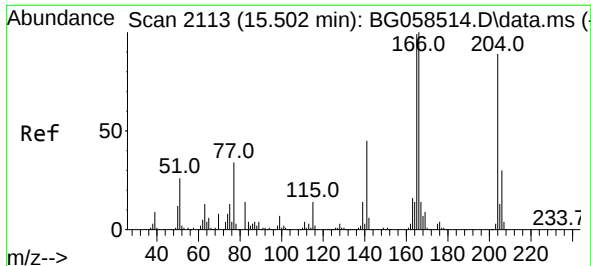
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#60
Diethylphthalate
Concen: 48.344 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:149 Resp: 285242
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.4
150 12.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.808 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

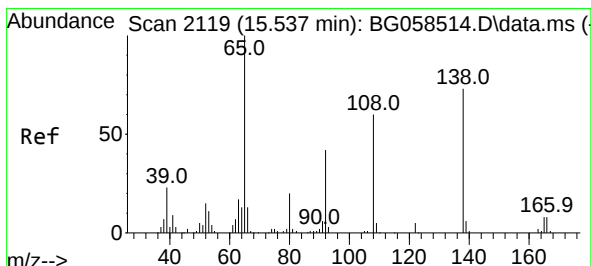
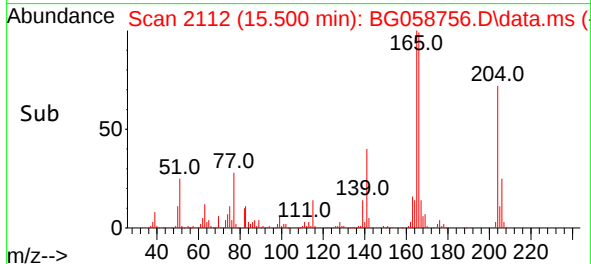
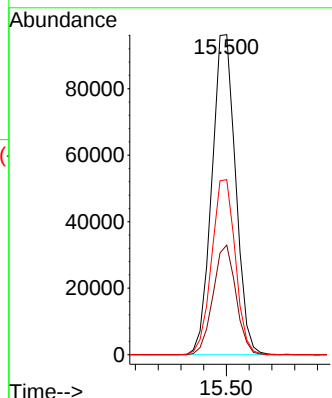
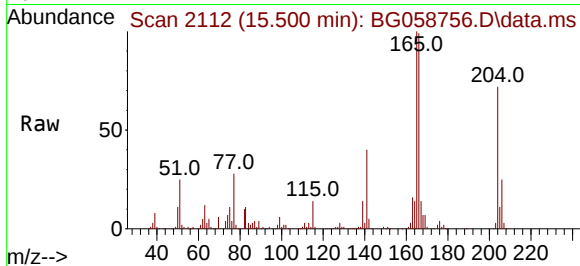
ClientSampleId :

PB154864BS

Tgt Ion:204 Resp: 13926
Ion Ratio Lower Upper
204 100
206 34.3 27.0 40.4
141 54.7 40.8 61.2

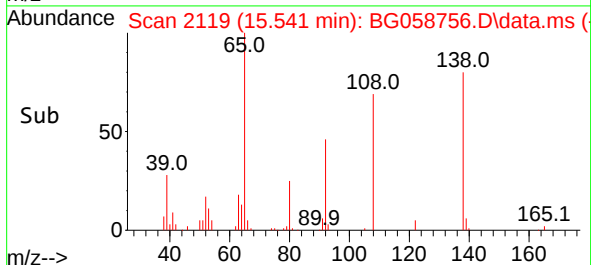
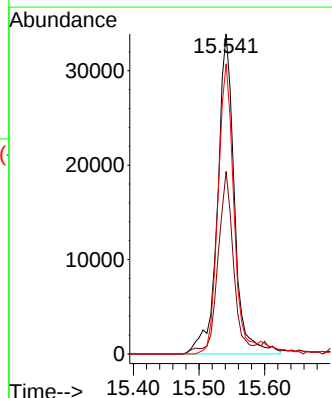
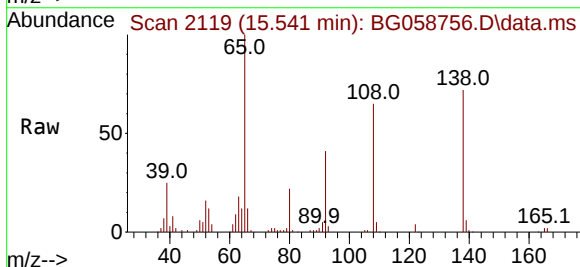
Manual Integrations
APPROVED

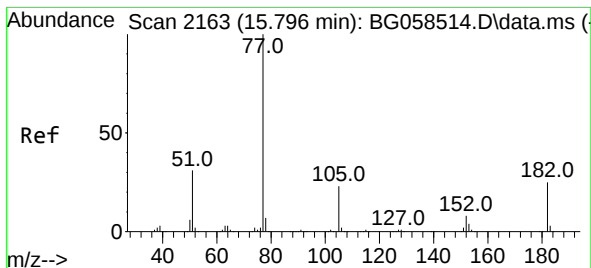
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#62
4-Nitroaniline
Concen: 50.183 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:138 Resp: 60441
Ion Ratio Lower Upper
138 100
92 57.0 37.3 77.3
108 90.7 62.6 102.6





#63

Azobenzene

Concen: 45.435 ng

RT: 15.794 min Scan# 2163

Delta R.T. -0.002 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

Tgt Ion: 77 Resp: 26404

Ion Ratio Lower Upper

77 100

182 25.8 4.6 44.6

105 22.5 3.3 43.3

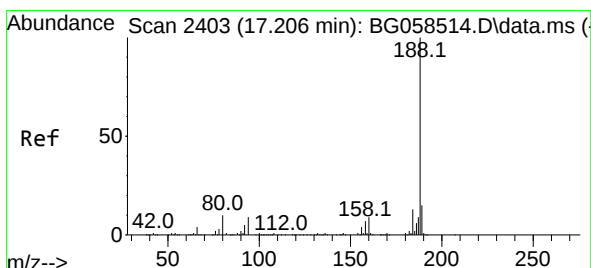
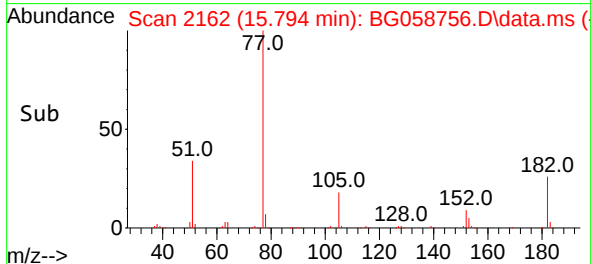
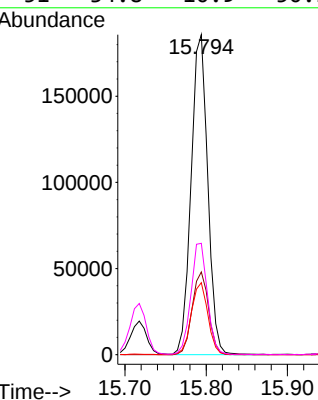
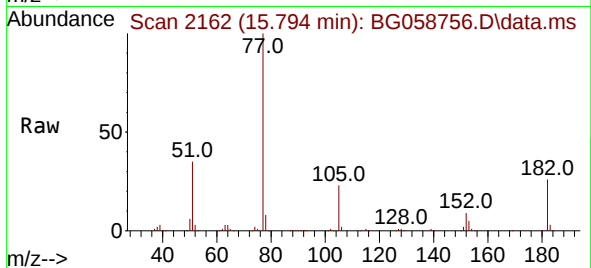
51 34.8 10.9 50.9

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: BG058756.D

Acq: 17 Aug 2023 10:31

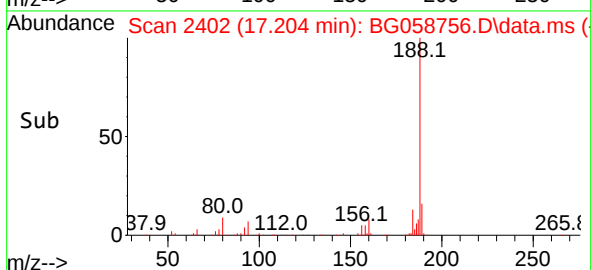
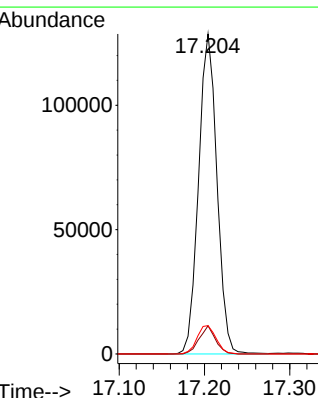
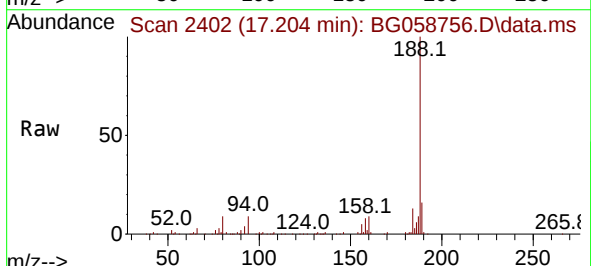
Tgt Ion:188 Resp: 193417

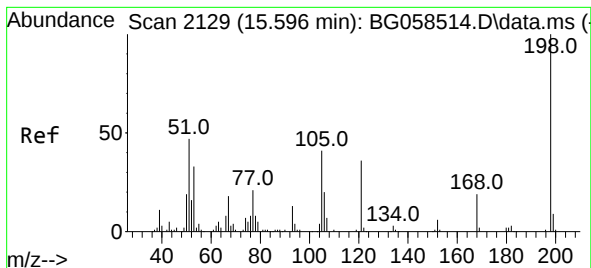
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

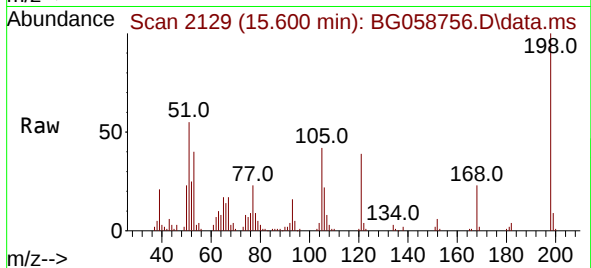
80 8.9 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.976 ng
RT: 15.600 min Scan# 2149
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

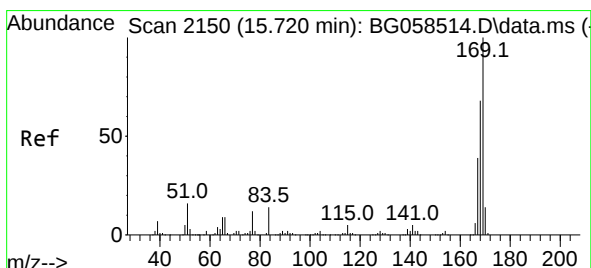
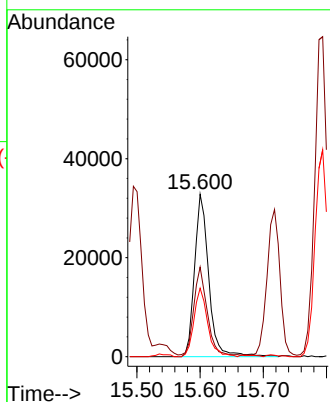
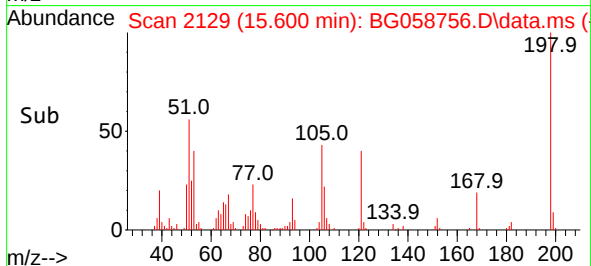
Instrument :
BNA_G
ClientSampleId :
PB154864BS



Tgt Ion:198 Resp: 5116
Ion Ratio Lower Upper
198 100
51 55.2 29.3 69.3
105 42.2 21.0 61.0

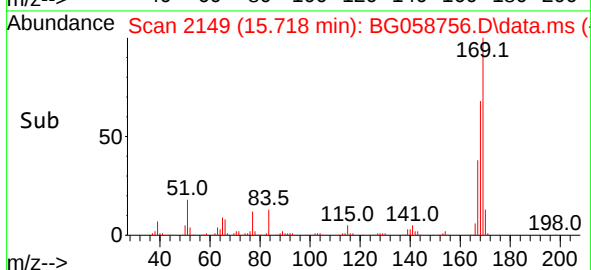
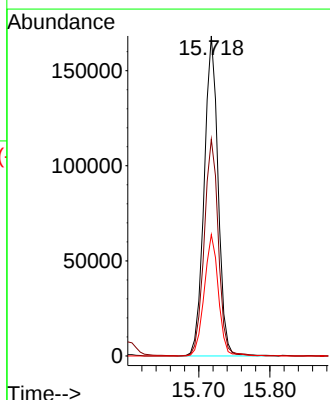
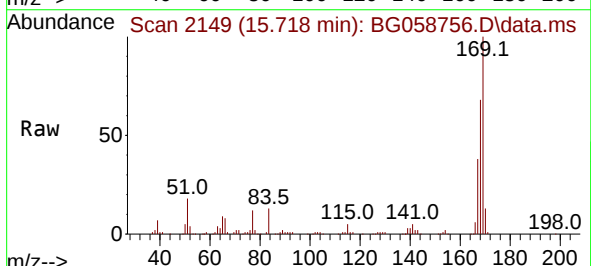
Manual Integrations
APPROVED

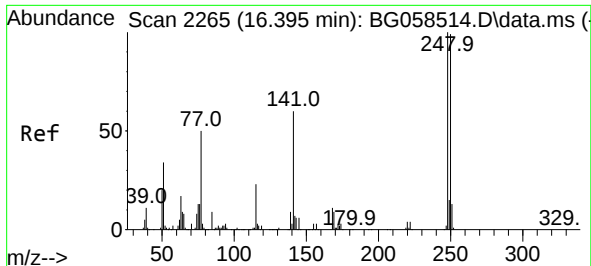
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#66
n-Nitrosodiphenylamine
Concen: 45.679 ng
RT: 15.718 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:169 Resp: 229954
Ion Ratio Lower Upper
169 100
168 67.7 54.6 82.0
167 37.9 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 44.236 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

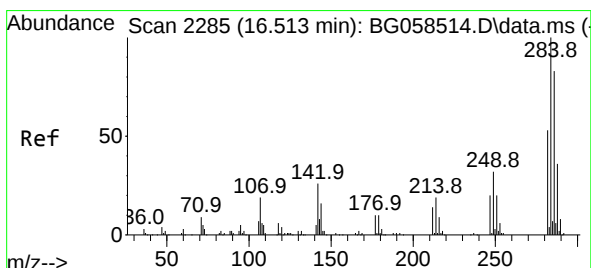
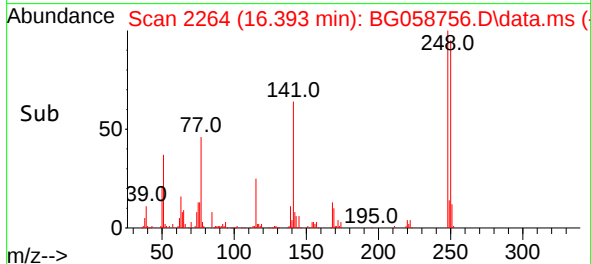
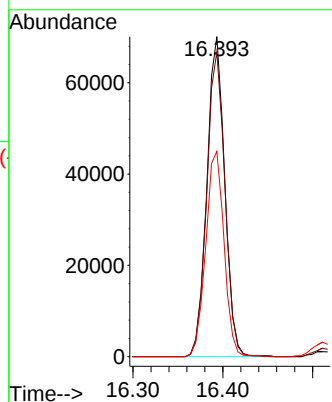
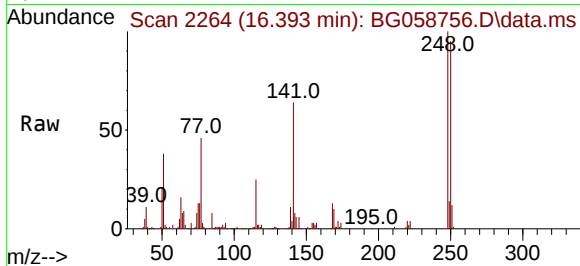
ClientSampleId :

PB154864BS

Tgt Ion:248 Resp: 9704
Ion Ratio Lower Upper
248 100
250 95.2 79.5 119.3
141 64.1 48.2 72.2

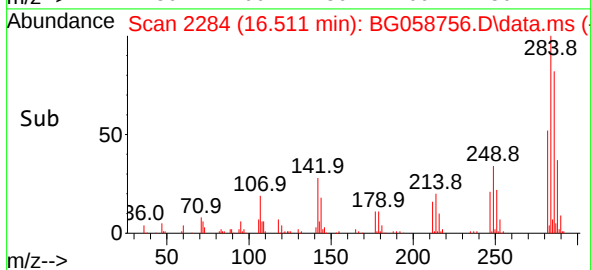
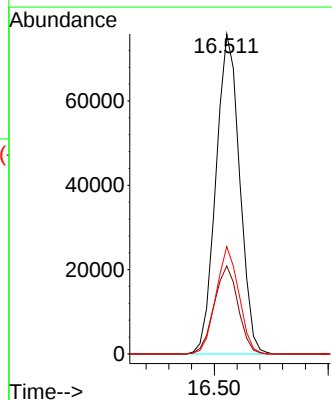
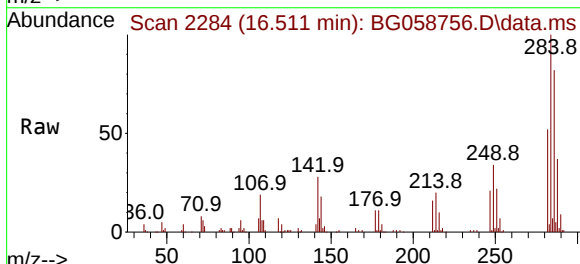
Manual Integrations
APPROVED

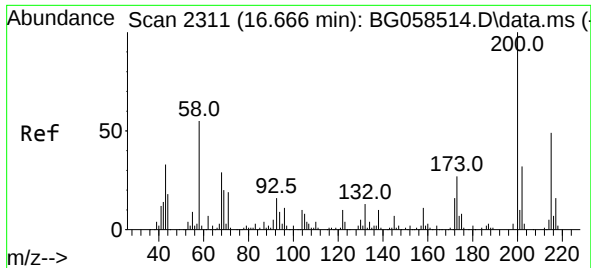
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#68
Hexachlorobenzene
Concen: 47.308 ng
RT: 16.511 min Scan# 2284
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Tgt Ion:284 Resp: 109973
Ion Ratio Lower Upper
284 100
142 27.5 21.0 31.4
249 33.6 25.5 38.3





#69
 Atrazine
 Concen: 57.613 ng
 RT: 16.669 min Scan# 2311
 Delta R.T. 0.004 min
 Lab File: BG058756.D
 Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

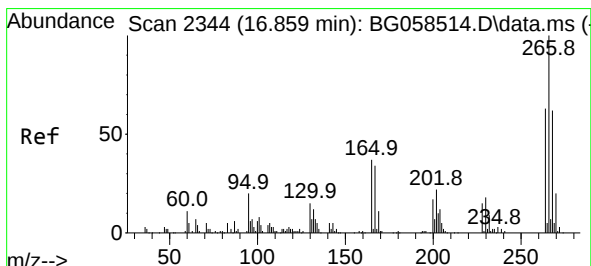
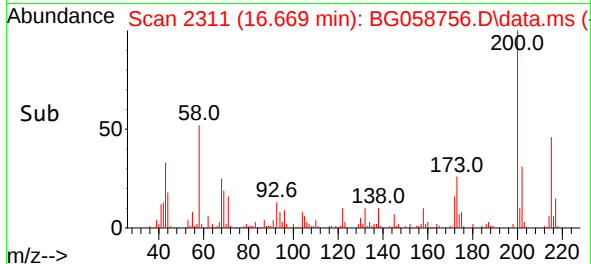
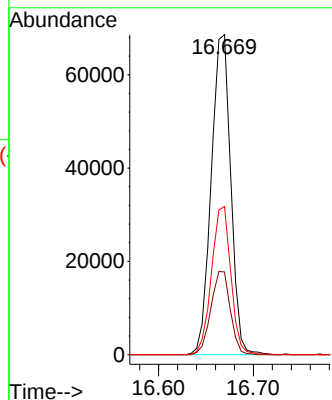
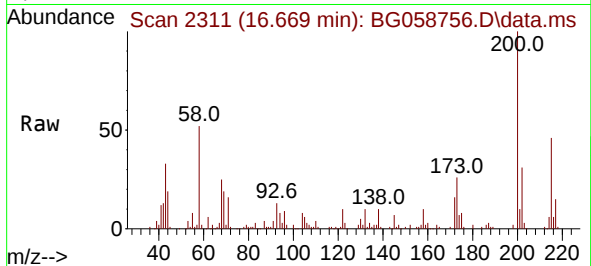
PB154864BS

Tgt Ion:200 Resp: 97908
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.5 46.5
 215 46.3 28.9 68.9

Manual Integrations

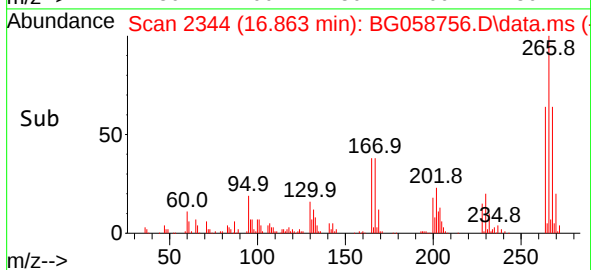
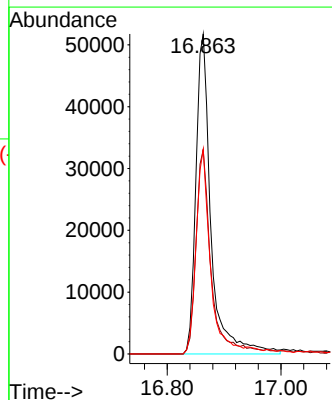
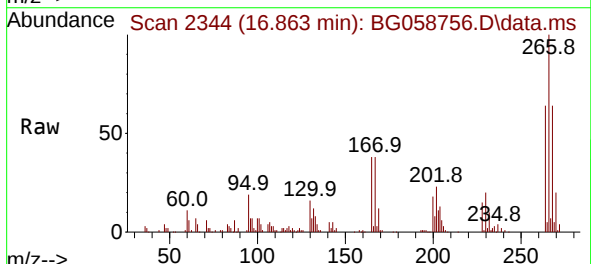
APPROVED

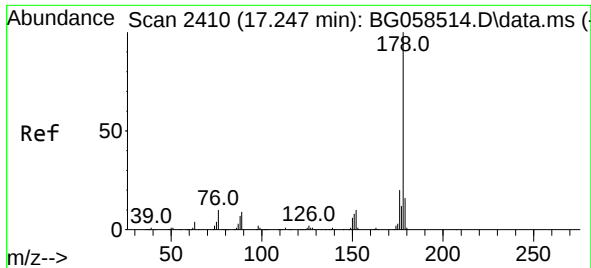
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023



#70
 Pentachlorophenol
 Concen: 68.086 ng
 RT: 16.863 min Scan# 2344
 Delta R.T. 0.004 min
 Lab File: BG058756.D
 Acq: 17 Aug 2023 10:31

Tgt Ion:266 Resp: 95800
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.9 74.9
 264 63.9 50.2 75.4





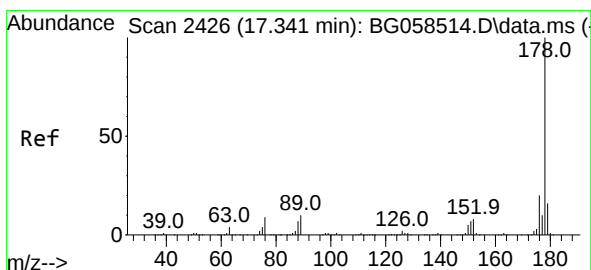
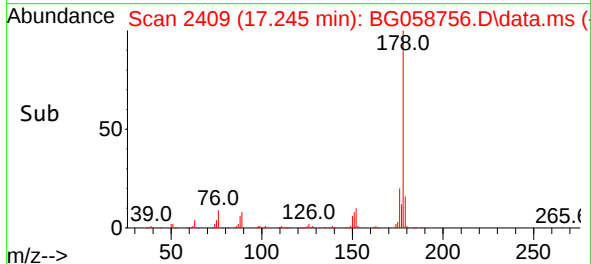
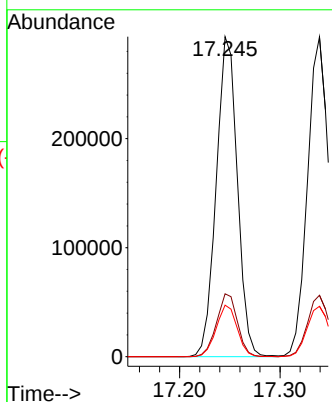
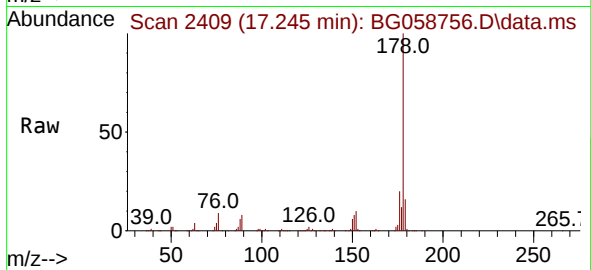
#71
Phenanthrene
Concen: 46.718 ng
RT: 17.245 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :
BNA_G
ClientSampleId :
PB154864BS

Tgt Ion:178 Resp: 428528
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 16.1 13.1 19.7

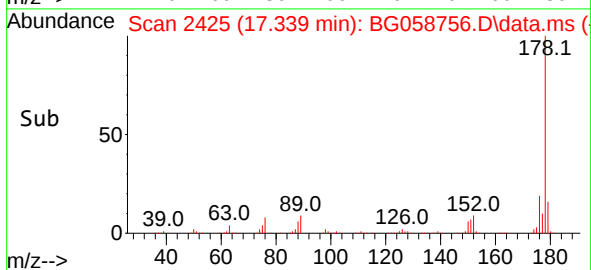
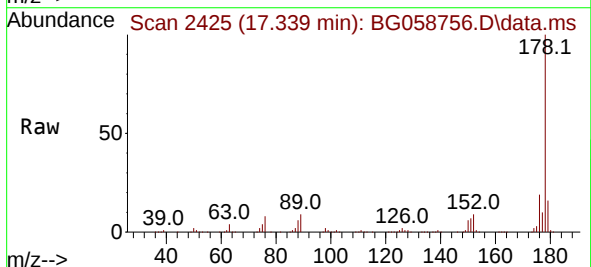
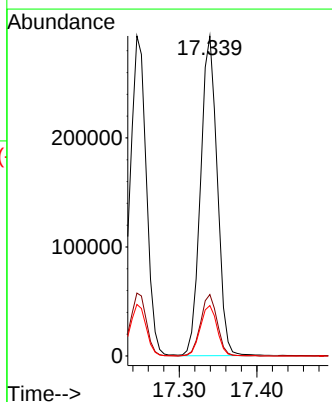
Manual Integrations
APPROVED

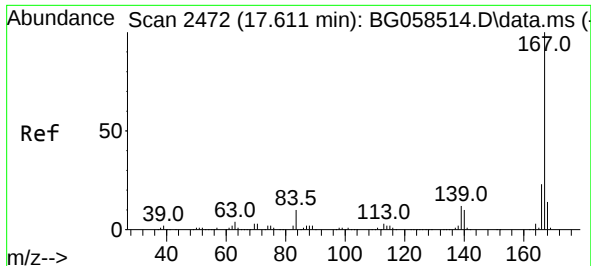
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#72
Anthracene
Concen: 46.528 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

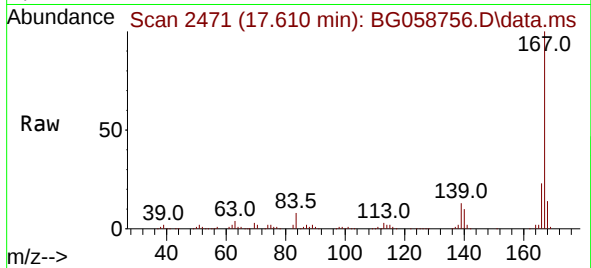
Tgt Ion:178 Resp: 437916
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.8 12.9 19.3





#73
Carbazole
Concen: 48.761 ng
RT: 17.610 min Scan# 2472
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

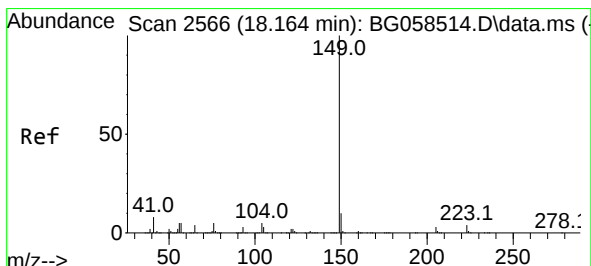
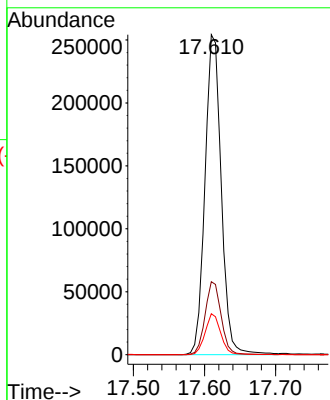
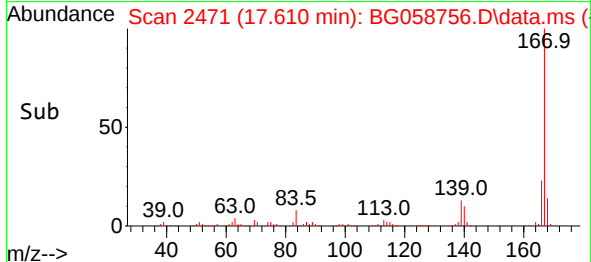
Instrument :
BNA_G
ClientSampleId :
PB154864BS



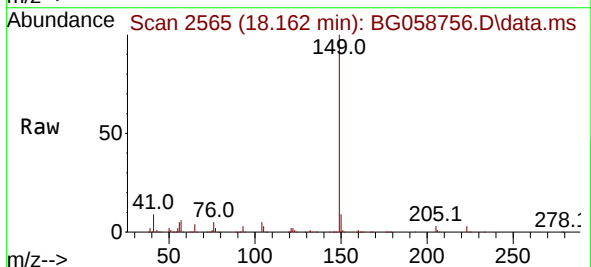
Tgt Ion:167 Resp: 404699
Ion Ratio Lower Upper
167 100
166 22.8 18.4 27.6
139 12.8 10.0 15.0

Manual Integrations
APPROVED

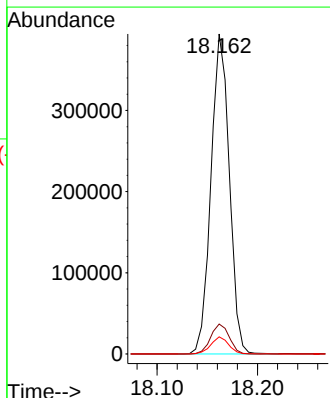
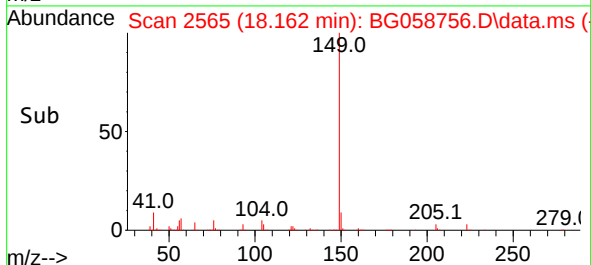
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

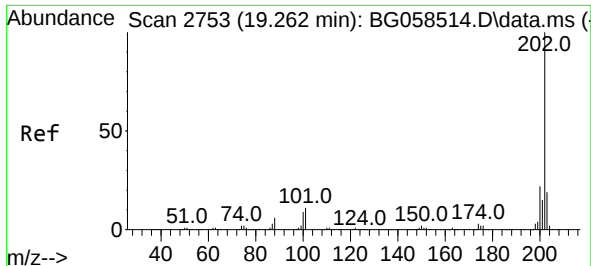


#74
Di-n-butylphthalate
Concen: 48.174 ng
RT: 18.162 min Scan# 2565
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:149 Resp: 500803
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 47.471 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

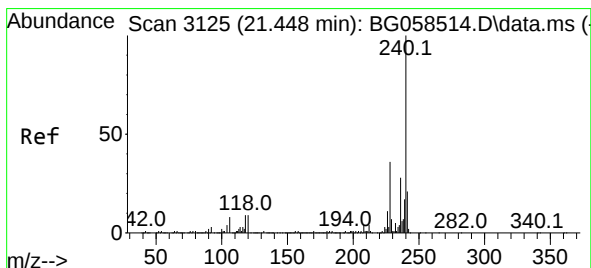
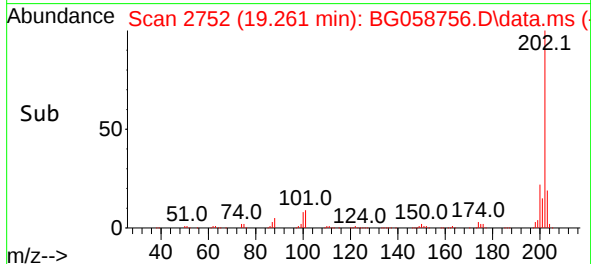
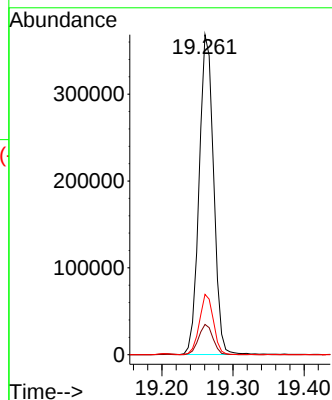
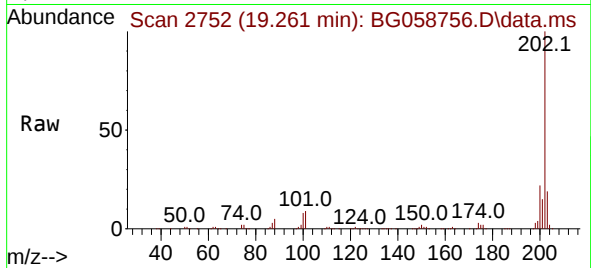
PB154864BS

Tgt Ion:202 Resp: 52305
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 18.8 0.0 39.0

Manual Integrations

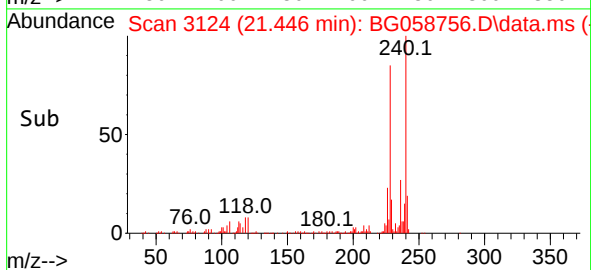
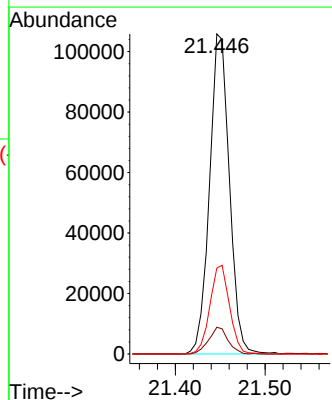
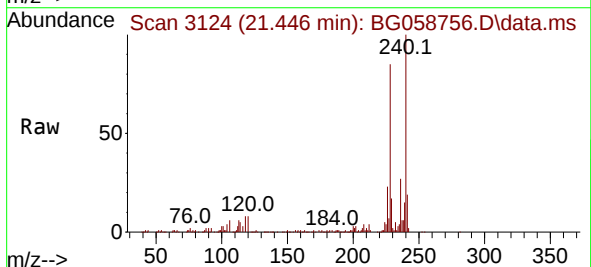
APPROVED

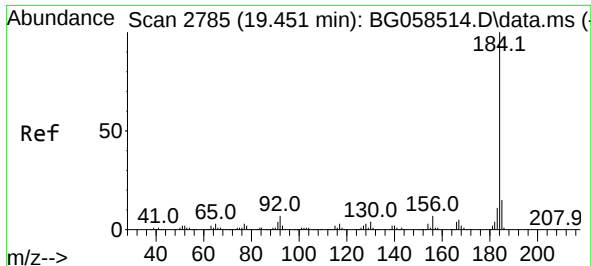
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

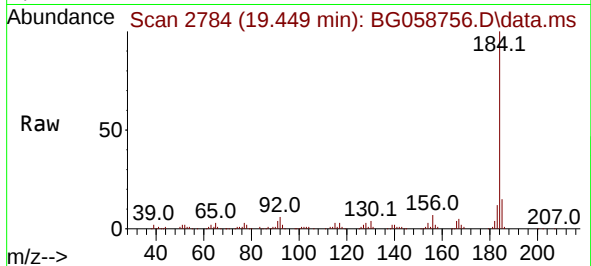
Tgt Ion:240 Resp: 162510
Ion Ratio Lower Upper
240 100
120 8.4 7.4 11.0
236 26.8 22.2 33.4





#77
Benzidine
Concen: 72.484 ng
RT: 19.449 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

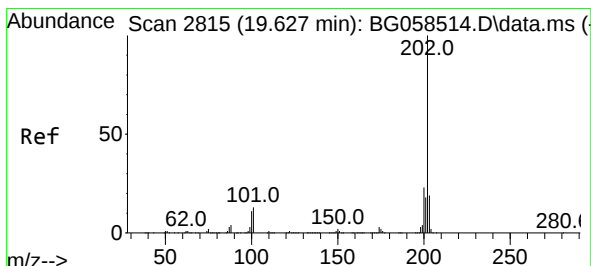
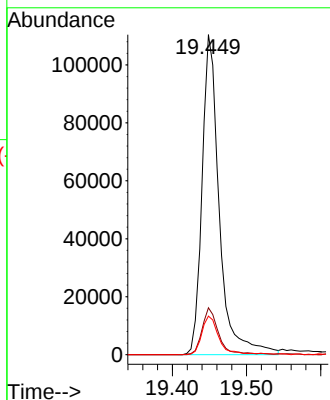
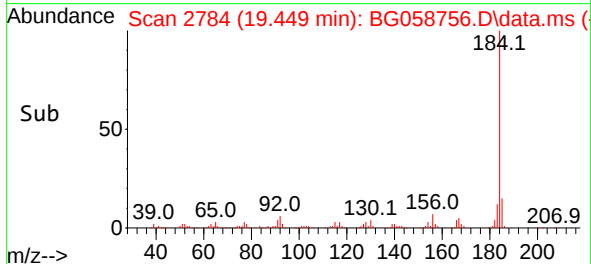
Instrument :
BNA_G
ClientSampleId :
PB154864BS



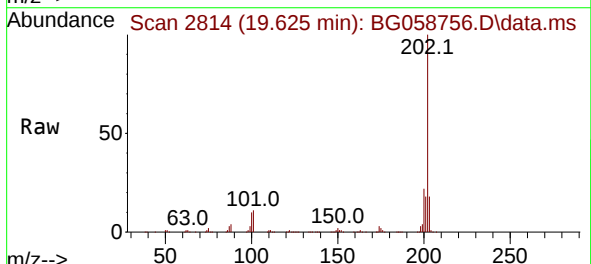
Tgt Ion:184 Resp: 17862
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 12.1 8.7 13.1

Manual Integrations
APPROVED

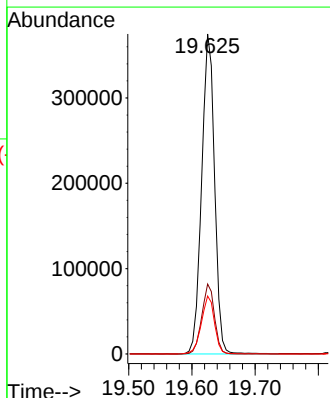
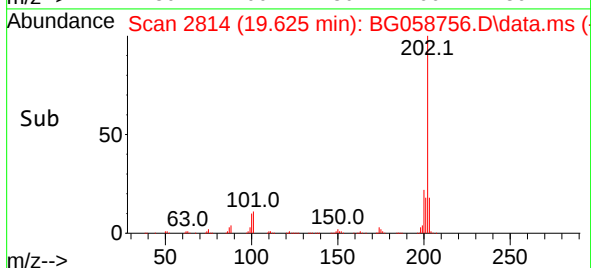
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#78
Pyrene
Concen: 48.082 ng
RT: 19.625 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:202 Resp: 531771
Ion Ratio Lower Upper
202 100
200 21.9 18.2 27.2
203 18.1 15.1 22.7





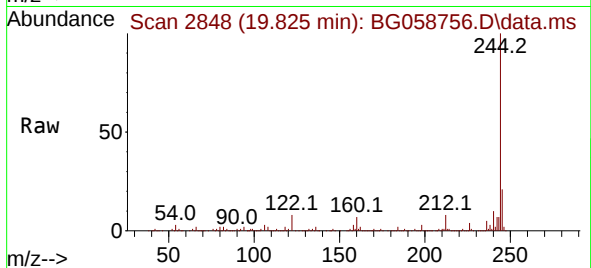
#79
 Terphenyl-d14
 Concen: 98.223 ng
 RT: 19.825 min Scan# 2848
 Delta R.T. -0.002 min
 Lab File: BG058756.D
 Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

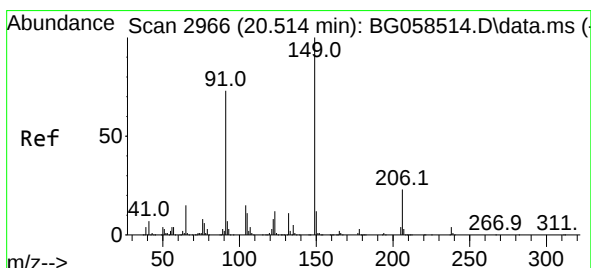
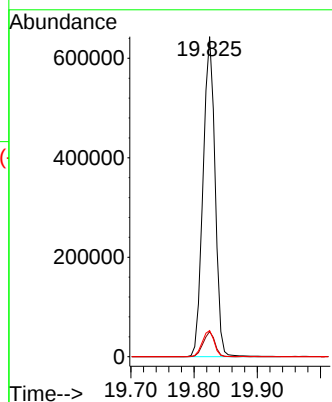
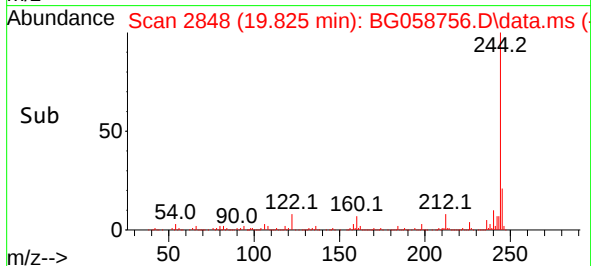


Tgt Ion:244 Resp: 848819
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.1 6.8 10.2

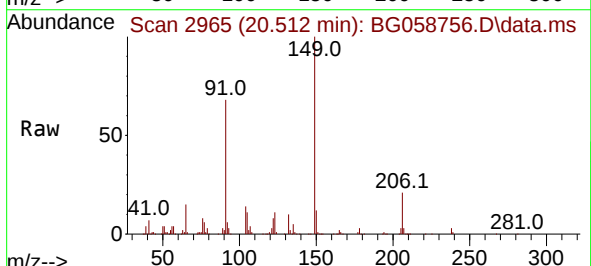
Manual Integrations

APPROVED

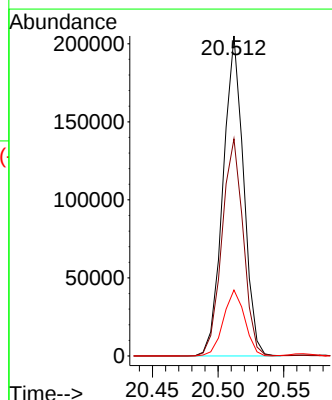
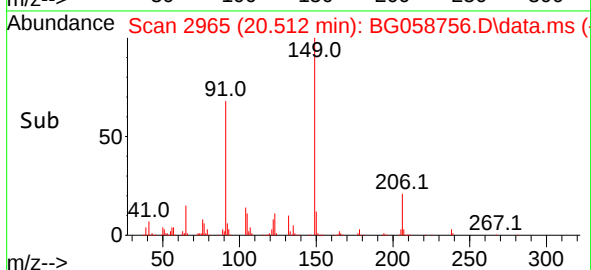
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

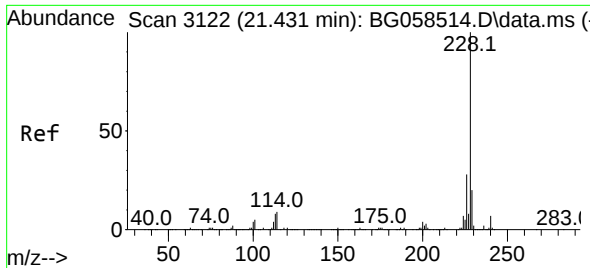


#80
 Butylbenzylphthalate
 Concen: 48.937 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058756.D
 Acq: 17 Aug 2023 10:31



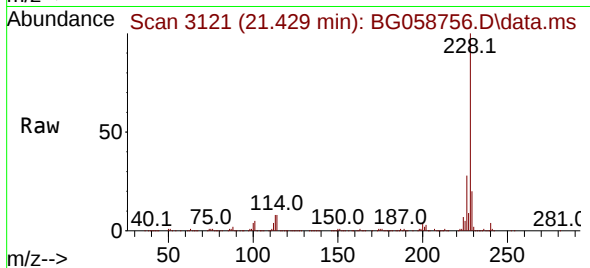
Tgt Ion:149 Resp: 222316
 Ion Ratio Lower Upper
 149 100
 91 67.8 58.4 87.6
 206 20.6 18.3 27.5





#81
Benzo(a)anthracene
Concen: 48.198 ng
RT: 21.429 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

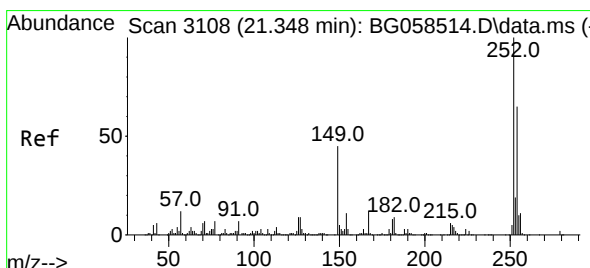
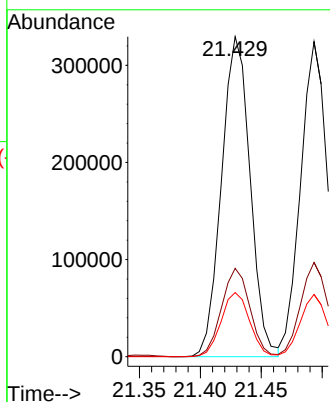
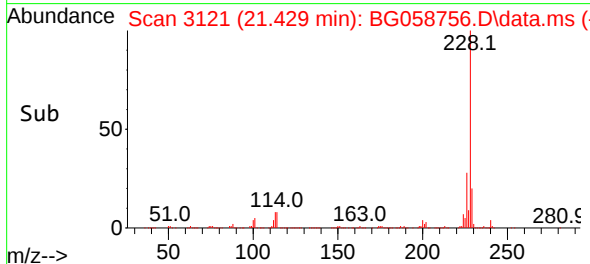
Instrument :
BNA_G
ClientSampleId :
PB154864BS



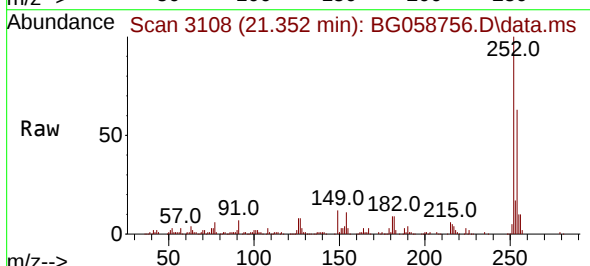
Tgt Ion:228 Resp: 539040
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.1 16.3 24.5

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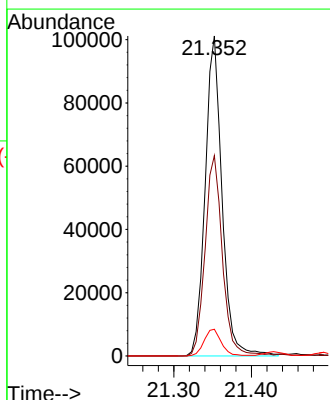
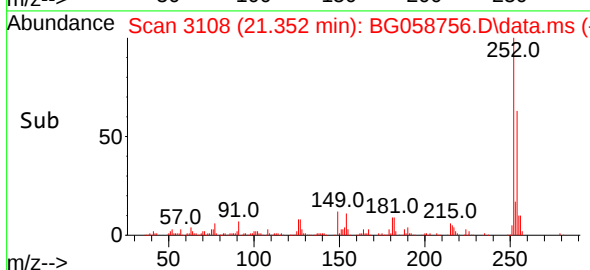
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.421 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:252 Resp: 152845
Ion Ratio Lower Upper
252 100
254 62.6 52.2 78.4
126 8.3 7.2 10.8





#83

Chrysene

Concen: 46.738 ng

RT: 21.493 min Scan# 3133

Delta R.T. -0.002 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

Tgt Ion:228 Resp: 501170

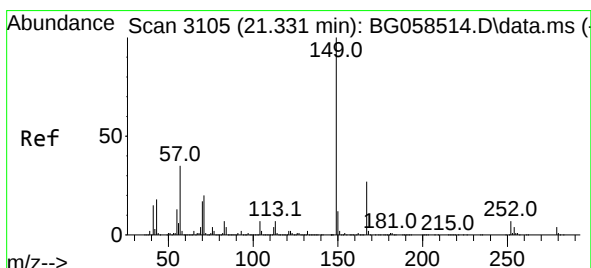
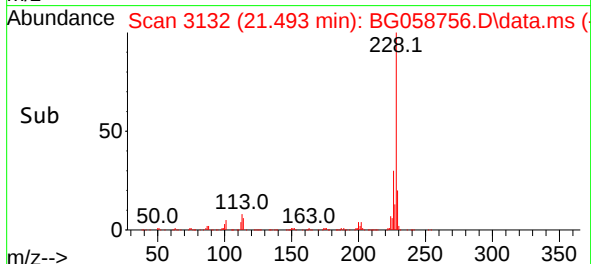
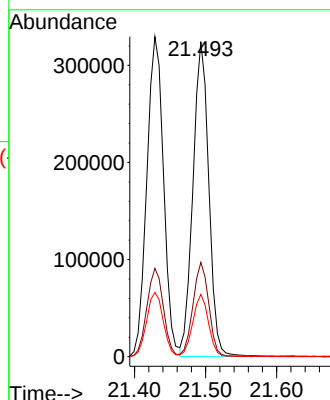
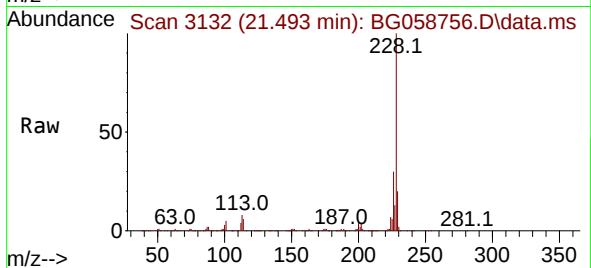
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.7	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.939 ng

RT: 21.329 min Scan# 3104

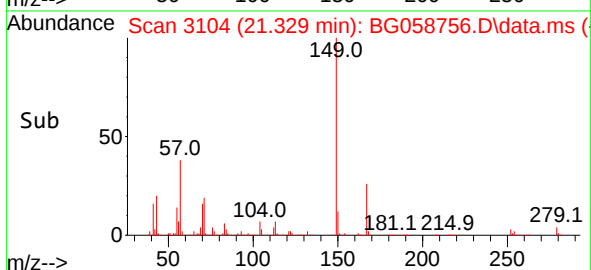
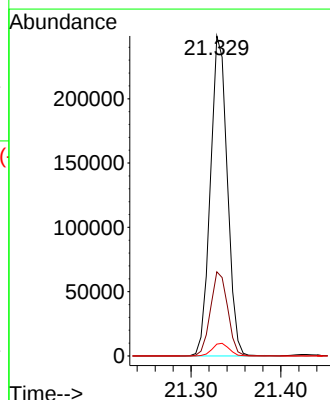
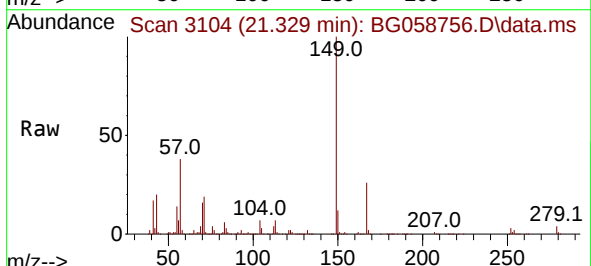
Delta R.T. -0.002 min

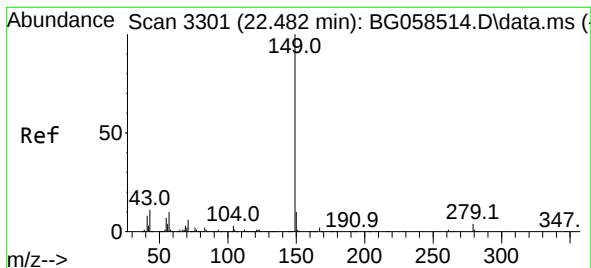
Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

Tgt Ion:149 Resp: 324889

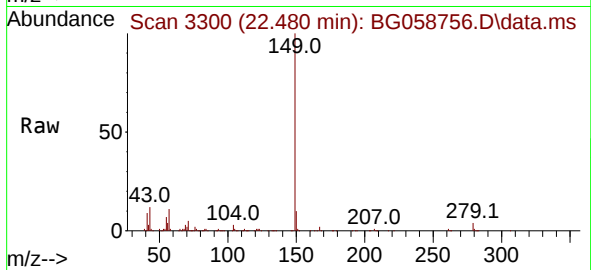
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.8
279	3.7	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 48.828 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

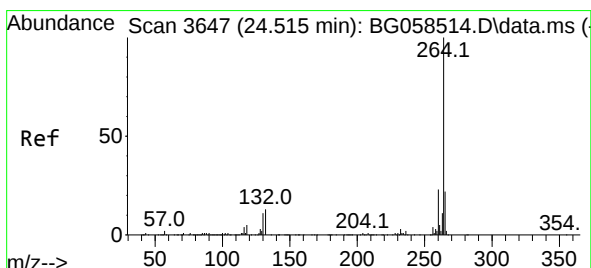
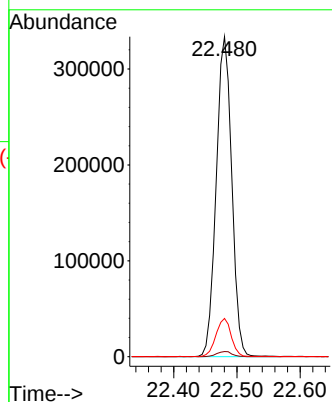
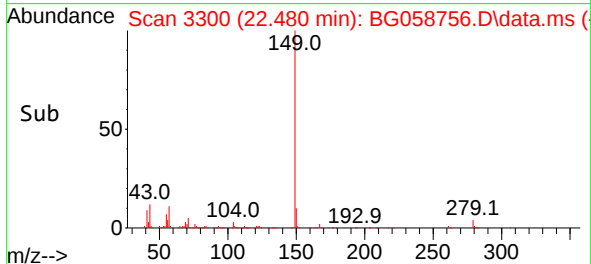
Instrument :
BNA_G
ClientSampleId :
PB154864BS



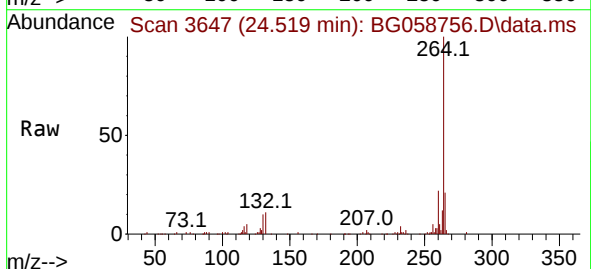
Tgt Ion:149 Resp: 56989
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.2 12.2

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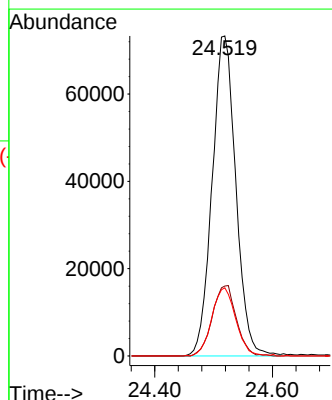
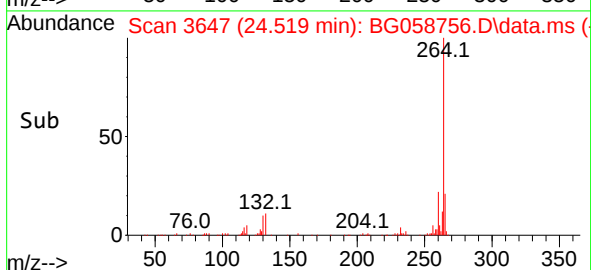
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:264 Resp: 204879
Ion Ratio Lower Upper
264 100
260 21.9 18.4 27.6
265 21.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.134 ng

RT: 28.015 min Scan# 41

Delta R.T. 0.004 min

Lab File: BG058756.D

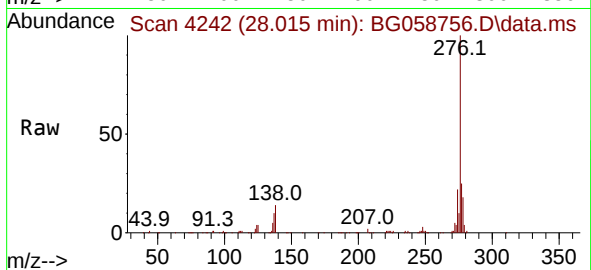
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS



Tgt Ion:276 Resp: 66969

Ion Ratio Lower Upper

276 100

138 17.7 16.0 24.0

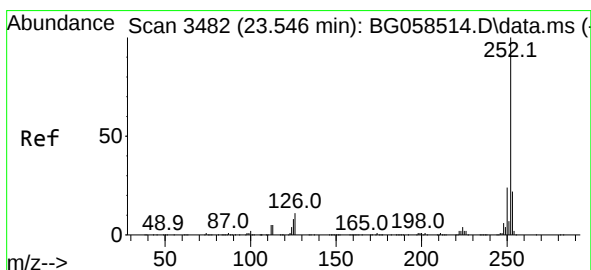
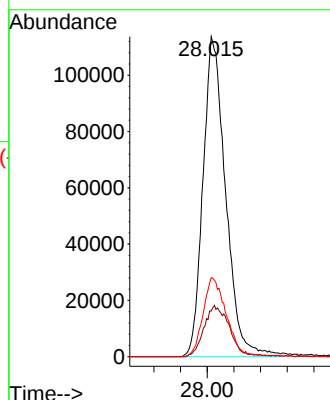
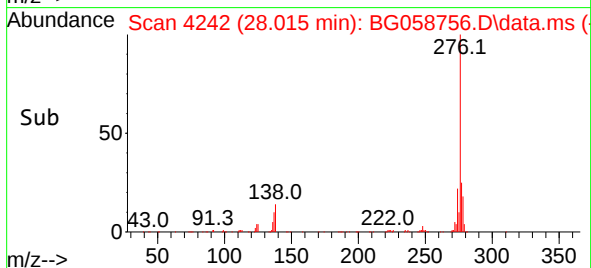
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#88

Benzo(b)fluoranthene

Concen: 51.826 ng

RT: 23.544 min Scan# 3481

Delta R.T. -0.002 min

Lab File: BG058756.D

Acq: 17 Aug 2023 10:31

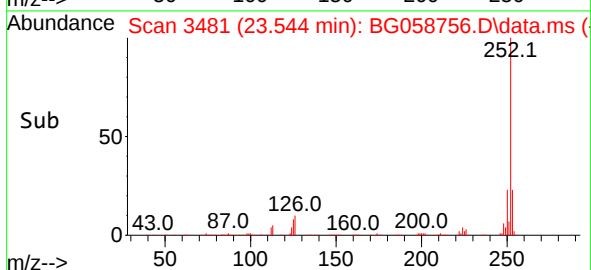
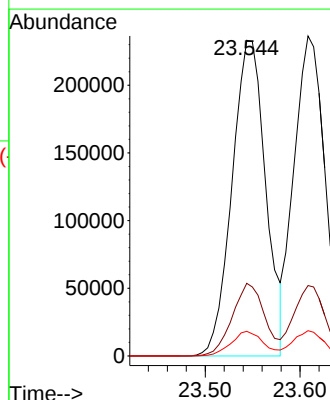
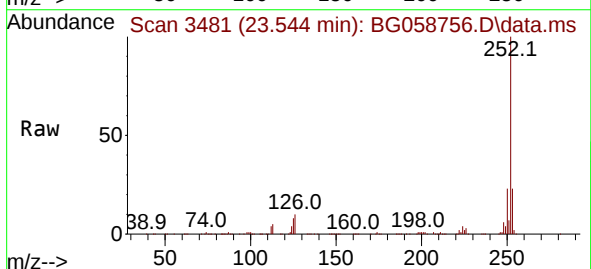
Tgt Ion:252 Resp: 575895

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 7.8 6.6 9.8





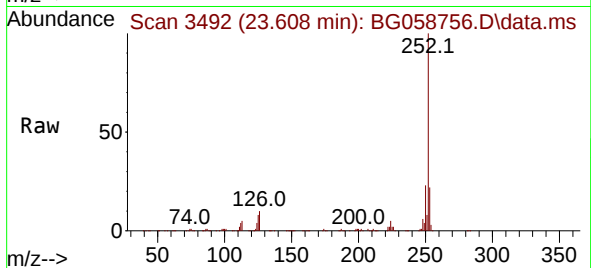
#89
Benzo(k)fluoranthene
Concen: 48.212 ng
RT: 23.608 min Scan# 3493
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

Instrument :

BNA_G

ClientSampleId :

PB154864BS

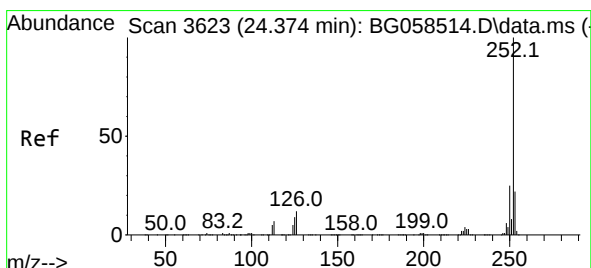
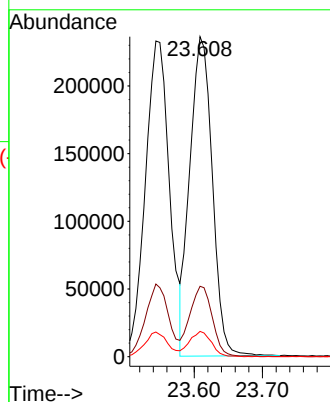
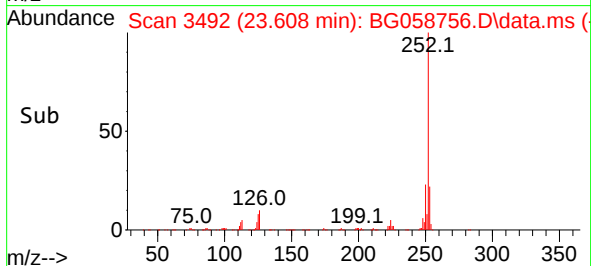


Tgt Ion:252 Resp: 53820
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.9 6.6 10.0

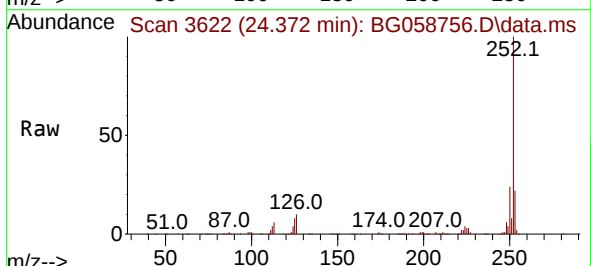
Manual Integrations

APPROVED

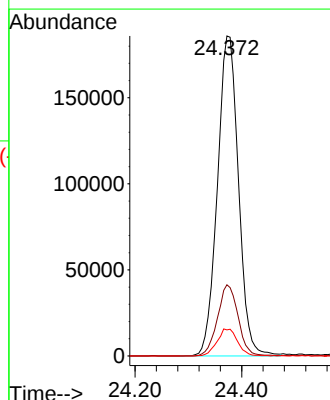
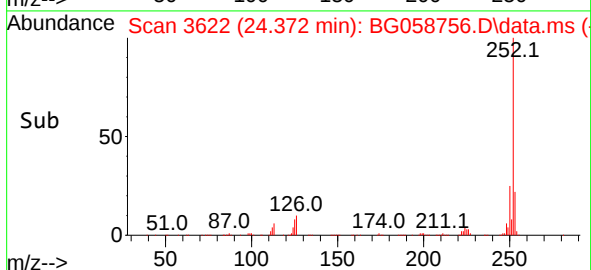
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

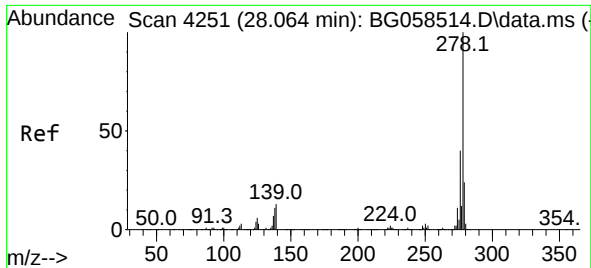


#90
Benzo(a)pyrene
Concen: 46.695 ng
RT: 24.372 min Scan# 3622
Delta R.T. -0.002 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



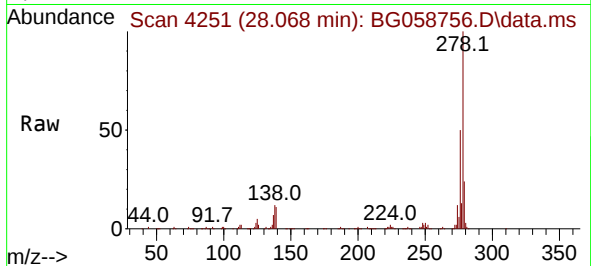
Tgt Ion:252 Resp: 509573
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.1 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.921 ng
RT: 28.068 min Scan# 4251
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31

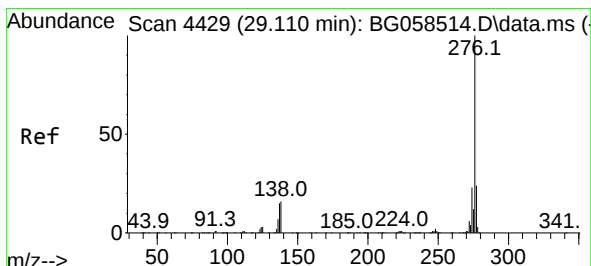
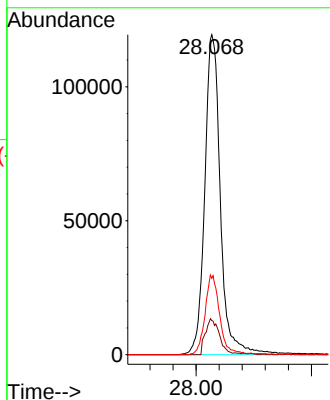
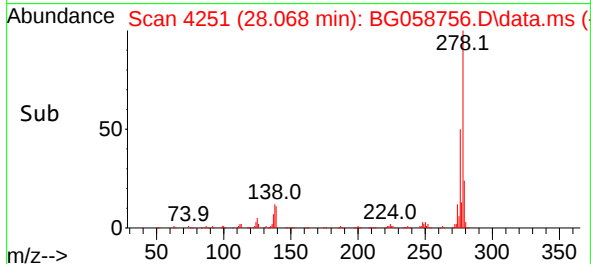
Instrument :
BNA_G
ClientSampleId :
PB154864BS



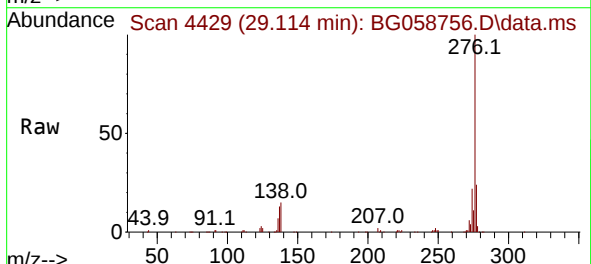
Tgt Ion:278 Resp: 562610
Ion Ratio Lower Upper
278 100
139 10.7 10.4 15.6
279 23.9 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.335 ng
RT: 29.114 min Scan# 4429
Delta R.T. 0.004 min
Lab File: BG058756.D
Acq: 17 Aug 2023 10:31



Tgt Ion:276 Resp: 523639
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 14.7 13.0 19.4

