

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058621.D
 Acq On : 7 Aug 2023 10:49
 Operator : MA/JU
 Sample : PB154429BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154429BS

Quant Time: Aug 07 11:23:29 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 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	44588	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	193815	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	138321	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	354115	20.000	ng	0.00
76) Chrysene-d12	21.452	240	319460	20.000	ng	0.00
86) Perylene-d12	24.524	264	406600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	427651	146.597	ng	0.00
7) Phenol-d6	6.992	99	592791	146.036	ng	0.00
23) Nitrobenzene-d5	8.978	82	354924	89.961	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	314608	138.766	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	807305	87.465	ng	0.00
79) Terphenyl-d14	19.830	244	1608932	94.711	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.267	88	49226	34.824	ng	99
3) Pyridine	3.661	79	128734	33.403	ng	97
4) n-Nitrosodimethylamine	3.584	42	71392	43.720	ng	96
6) Aniline	7.139	93	196382	39.294	ng	99
8) 2-Chlorophenol	7.380	128	156409	54.653	ng	99
9) Benzaldehyde	6.951	77	65920	29.891	ng	99
10) Phenol	7.016	94	214783	54.167	ng	98
11) bis(2-Chloroethyl)ether	7.239	93	150657	48.194	ng	98
12) 1,3-Dichlorobenzene	7.703	146	146170	47.832	ng	97
13) 1,4-Dichlorobenzene	7.850	146	148187	48.295	ng	98
14) 1,2-Dichlorobenzene	8.167	146	145854	49.718	ng	98
15) Benzyl Alcohol	8.056	79	147890	57.450	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.343	45	257648	50.739	ng	99
17) 2-Methylphenol	8.261	107	147251	50.789	ng	100
18) Hexachloroethane	8.890	117	54623	48.977	ng	95
19) n-Nitroso-di-n-propyla...	8.620	70	128082	48.850	ng	99
20) 3+4-Methylphenols	8.590	107	205193	52.322	ng	97
22) Acetophenone	8.637	105	243664	46.952	ng	98
24) Nitrobenzene	9.019	77	183304	45.701	ng	99
25) Isophorone	9.542	82	374080	45.890	ng	100
26) 2-Nitrophenol	9.730	139	84720	48.524	ng	97
27) 2,4-Dimethylphenol	9.795	122	143309	49.484	ng	98
28) bis(2-Chloroethoxy)met...	10.024	93	212982	48.010	ng	99
29) 2,4-Dichlorophenol	10.271	162	154098	51.247	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	163778	47.229	ng	97
31) Naphthalene	10.664	128	468615	45.874	ng	99
32) Benzoic acid	9.959	122	112308	50.532	ng	97
33) 4-Chloroaniline	10.782	127	132158	30.621	ng	97
34) Hexachlorobutadiene	10.946	225	102411	45.858	ng	98
35) Caprolactam	11.563	113	59810m	53.863	ng	
36) 4-Chloro-3-methylphenol	11.916	107	193138	51.923	ng	98
37) 2-Methylnaphthalene	12.280	142	326635	44.701	ng	99
38) 1-Methylnaphthalene	12.503	142	314093	45.220	ng	97
40) 1,2,4,5-Tetrachloroben...	12.650	216	192012	45.216	ng	99
41) Hexachlorocyclopentadiene	12.627	237	196619	98.008	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	144186	49.364	ng	97

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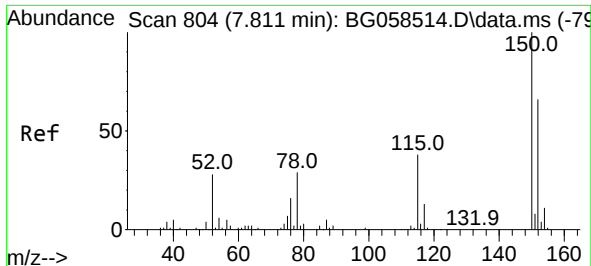
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	157867	45.887	ng	98
46) 1,1'-Biphenyl	13.296	154	437995	46.108	ng	100
47) 2-Chloronaphthalene	13.338	162	350233	47.287	ng	98
48) 2-Nitroaniline	13.549	65	140949	49.858	ng	98
49) Acenaphthylene	14.184	152	591231	47.679	ng	99
50) Dimethylphthalate	13.919	163	501759	48.301	ng	99
51) 2,6-Dinitrotoluene	14.043	165	111709	49.009	ng	99
52) Acenaphthene	14.530	154	333139	46.494	ng	99
53) 3-Nitroaniline	14.378	138	78623	34.476	ng	99
54) 2,4-Dinitrophenol	14.589	184	139444	105.855	ng	97
55) Dibenzofuran	14.865	168	570859	46.366	ng	99
56) 4-Nitrophenol	14.701	139	177882	104.216	ng	98
57) 2,4-Dinitrotoluene	14.836	165	162875	51.542	ng	97
58) Fluorene	15.511	166	464907	47.533	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.094	232	146059	49.753	ng	99
60) Diethylphthalate	15.282	149	520255	49.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.506	204	256238	46.991	ng	98
62) 4-Nitroaniline	15.547	138	116353	53.859	ng	99
63) Azobenzene	15.799	77	495999	47.583	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	103305	52.908	ng	96
66) n-Nitrosodiphenylamine	15.723	169	422066	45.794	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	180169	44.858	ng	97
68) Hexachlorobenzene	16.516	284	203129	47.727	ng	98
69) Atrazine	16.675	200	179882	57.815	ng	99
70) Pentachlorophenol	16.863	266	219943	85.379	ng	98
71) Phenanthrene	17.251	178	785597	46.779	ng	99
72) Anthracene	17.345	178	802522	46.573	ng	99
73) Carbazole	17.615	167	768785	50.593	ng	100
74) Di-n-butylphthalate	18.167	149	951864	50.011	ng	100
75) Fluoranthene	19.266	202	994162	49.282	ng	99
77) Benzidine	19.454	184	440547	90.941	ng	98
78) Pyrene	19.630	202	1013301	46.608	ng	99
80) Butylbenzylphthalate	20.517	149	430062	48.157	ng	98
81) Benzo(a)anthracene	21.434	228	1047887	47.664	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	303922	40.887	ng	100
83) Chrysene	21.499	228	971736	46.100	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	620352	47.536	ng	98
85) Di-n-octyl phthalate	22.486	149	1104638	48.145	ng	100
87) Indeno(1,2,3-cd)pyrene	28.032	276	1317074	48.691	ng	100
88) Benzo(b)fluoranthene	23.549	252	1104460	50.082	ng	97
89) Benzo(k)fluoranthene	23.620	252	1046413	47.233	ng	99
90) Benzo(a)pyrene	24.383	252	983408	45.407	ng	99
91) Dibenzo(a,h)anthracene	28.085	278	1099305	49.150	ng	99
92) Benzo(g,h,i)perylene	29.131	276	1082736	48.276	ng	98

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



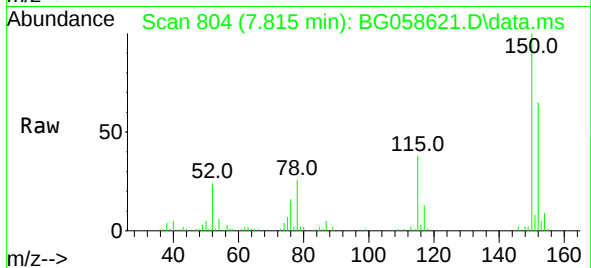
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

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PB154429BS

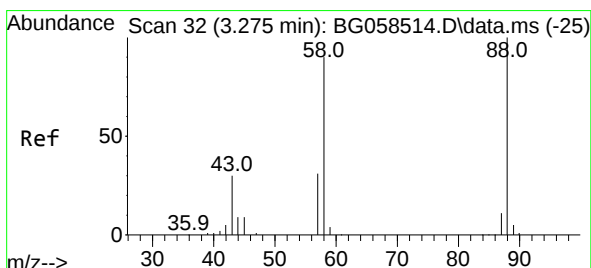
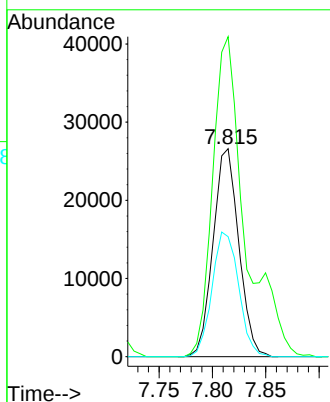
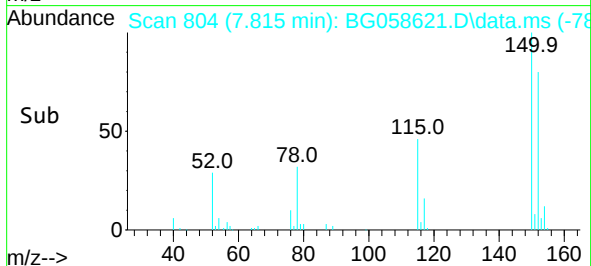


Tgt Ion:152 Resp: 4458
Ion Ratio Lower Upper
152 100
150 153.8 120.5 180.7
115 57.7 45.9 68.9

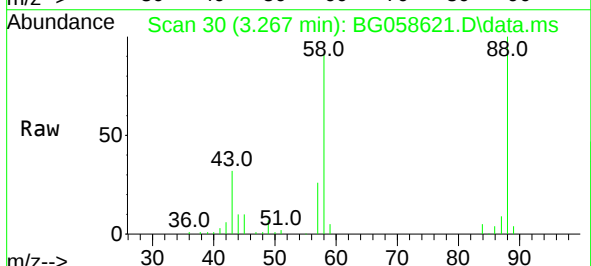
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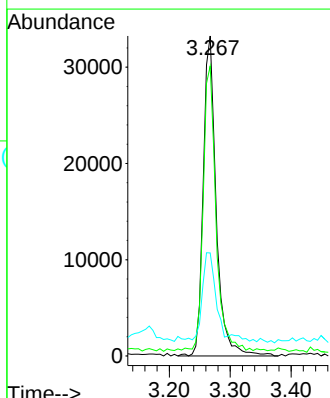
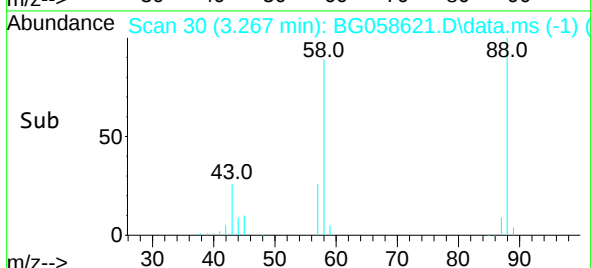
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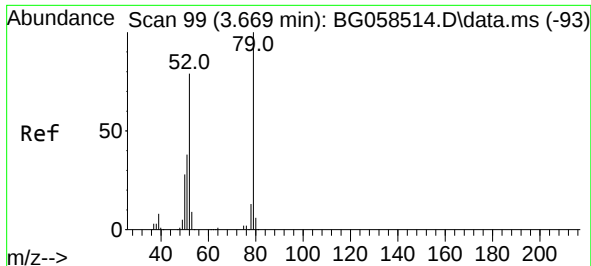


#2
1,4-Dioxane
Concen: 34.824 ng
RT: 3.267 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



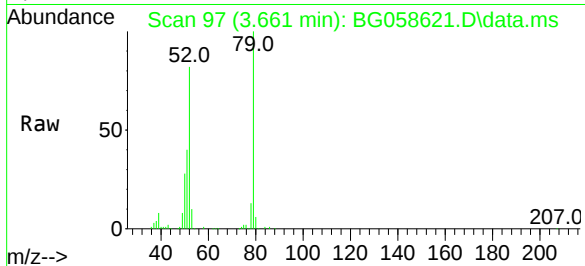
Tgt Ion: 88 Resp: 49226
Ion Ratio Lower Upper
88 100
58 87.0 68.9 103.3
43 27.2 22.9 34.3





#3
Pyridine
Concen: 33.403 ng
RT: 3.661 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

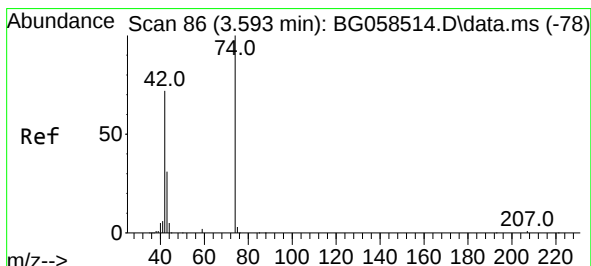
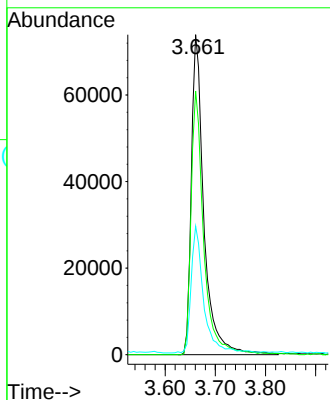
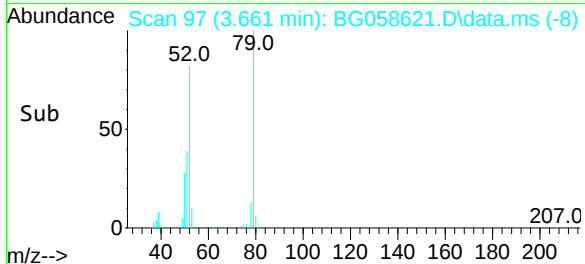
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BNA_G
ClientSampleId :
PB154429BS



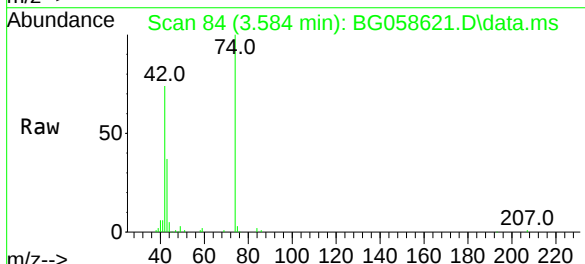
Tgt Ion: 79 Resp: 128734
Ion Ratio Lower Upper
79 100
52 82.4 63.2 94.8
51 40.1 31.9 47.9

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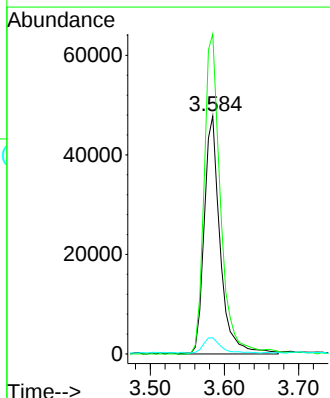
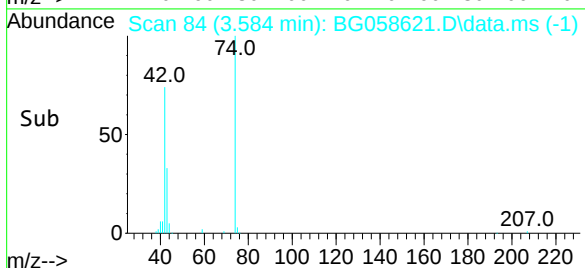
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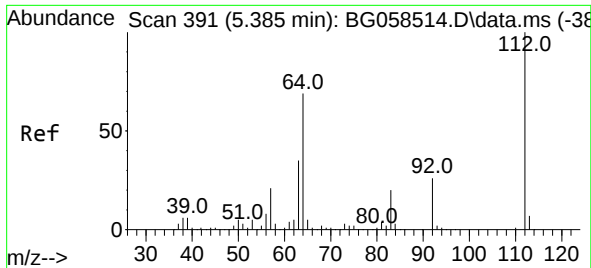


#4
n-Nitrosodimethylamine
Concen: 43.720 ng
RT: 3.584 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



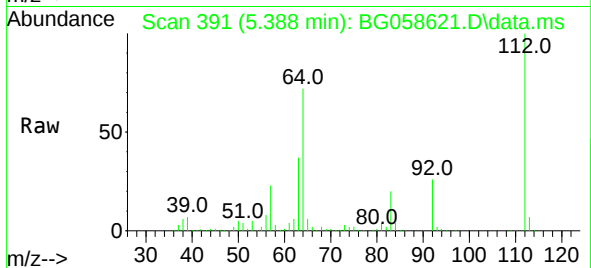
Tgt Ion: 42 Resp: 71392
Ion Ratio Lower Upper
42 100
74 134.5 111.5 167.3
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 146.597 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

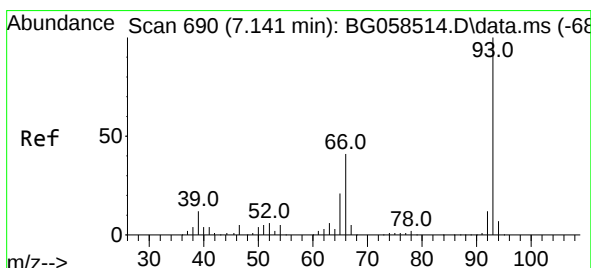
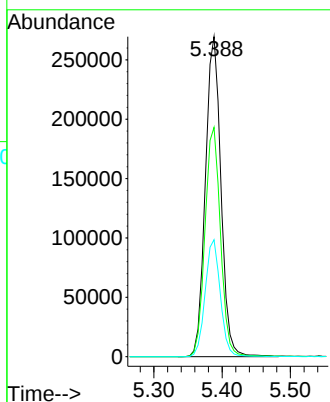
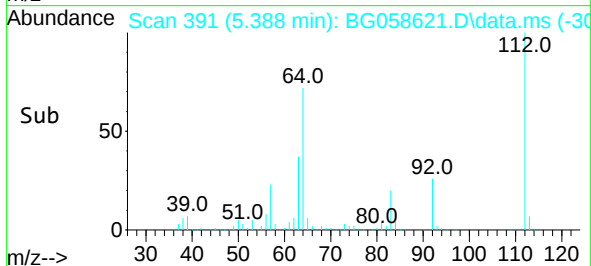
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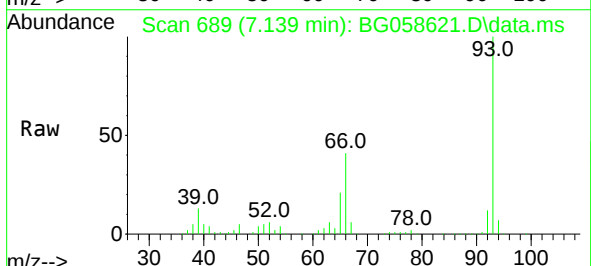
Tgt Ion: 112 Resp: 42765
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 36.5 28.3 42.5

Manual Integrations
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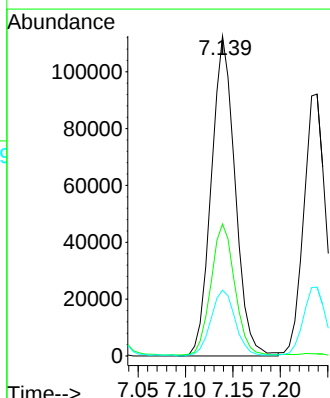
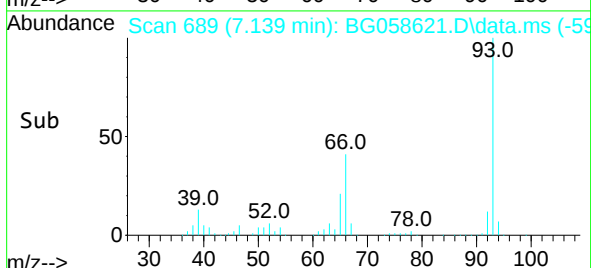
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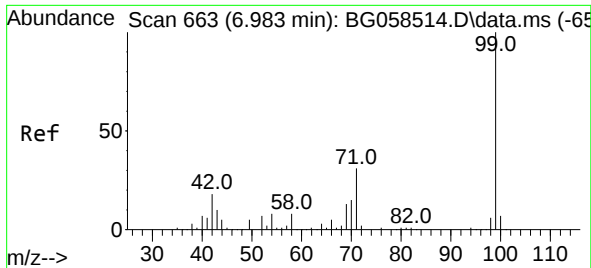


#6
Aniline
Concen: 39.294 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



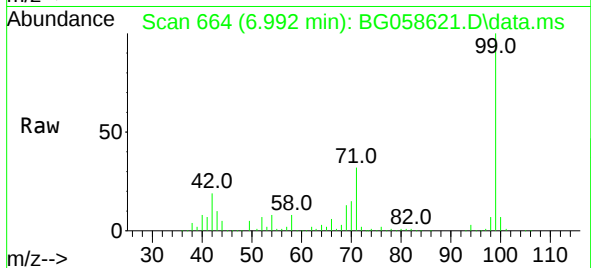
Tgt Ion: 93 Resp: 196382
Ion Ratio Lower Upper
93 100
66 41.3 33.1 49.7
65 20.6 17.0 25.4





#7
Phenol-d6
Concen: 146.036 ng
RT: 6.992 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

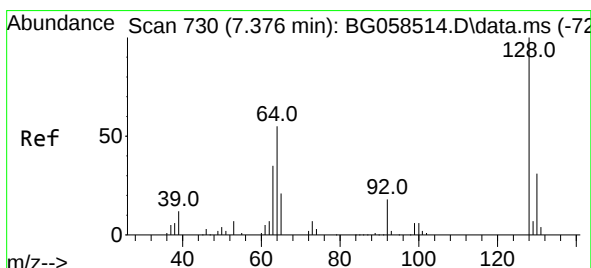
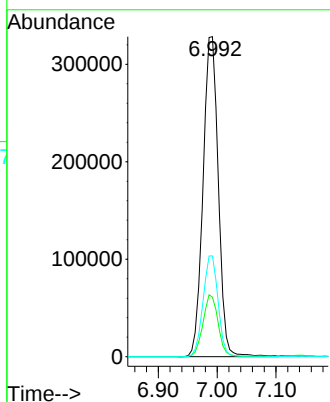
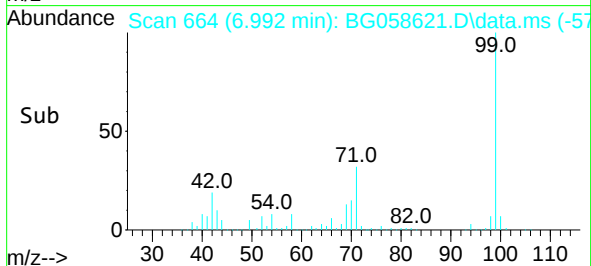
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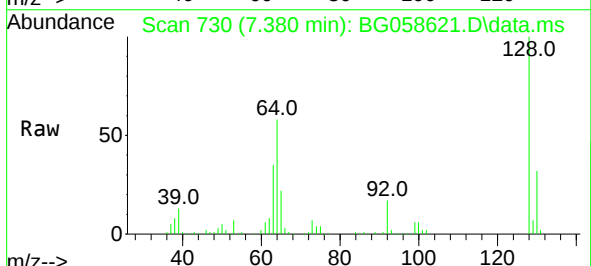
Tgt Ion: 99 Resp: 59279
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 31.5 25.0 37.4

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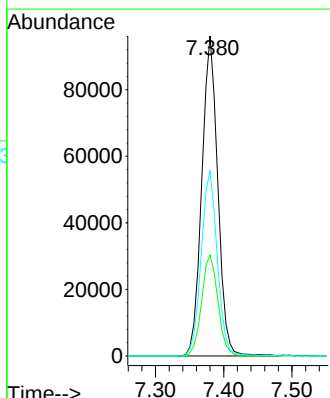
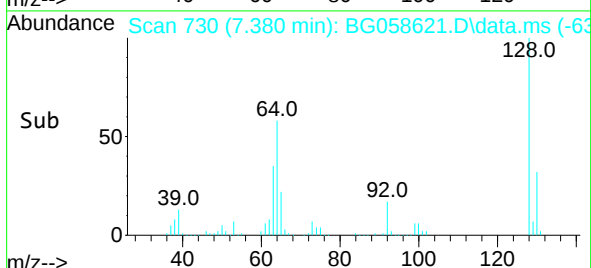
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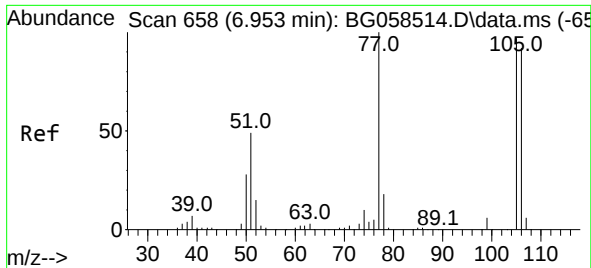


#8
2-Chlorophenol
Concen: 54.653 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:128 Resp: 156409
Ion Ratio Lower Upper
128 100
130 31.5 10.9 50.9
64 57.8 39.0 79.0





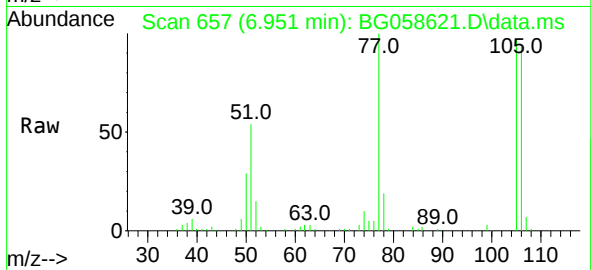
#9
Benzaldehyde
Concen: 29.891 ng
RT: 6.951 min Scan# 658
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

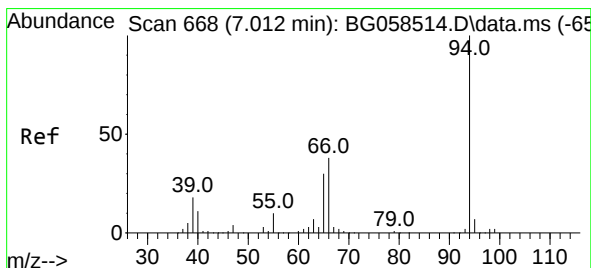
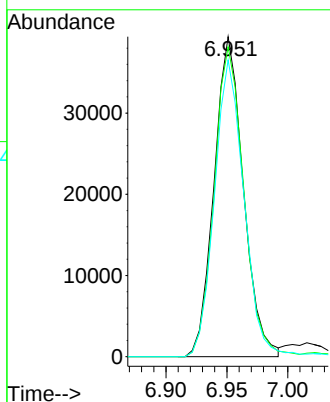
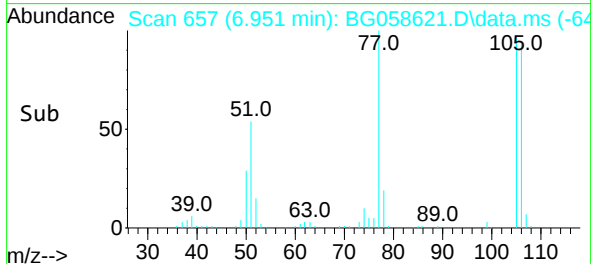


Tgt Ion: 77 Resp: 65920
Ion Ratio Lower Upper
77 100
105 96.9 77.1 117.1
106 92.7 71.6 111.6

Manual Integrations

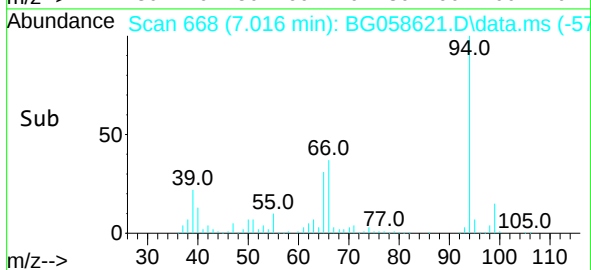
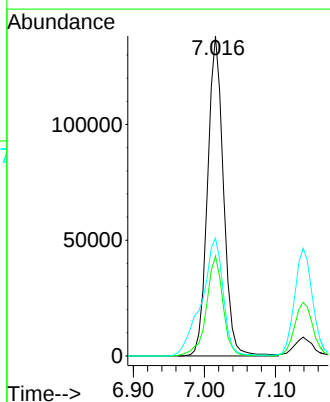
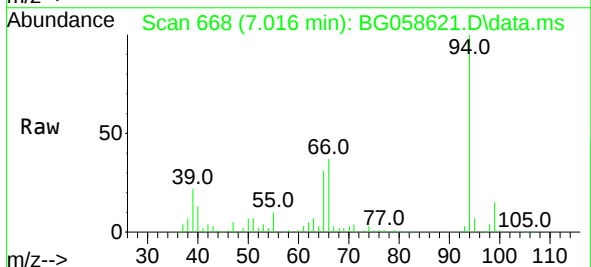
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Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#10
Phenol
Concen: 54.167 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

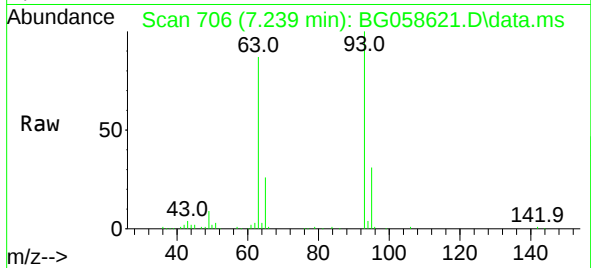
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Ion Ratio Lower Upper
94 100
65 31.2 10.4 50.4
66 36.9 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 48.194 ng
RT: 7.239 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

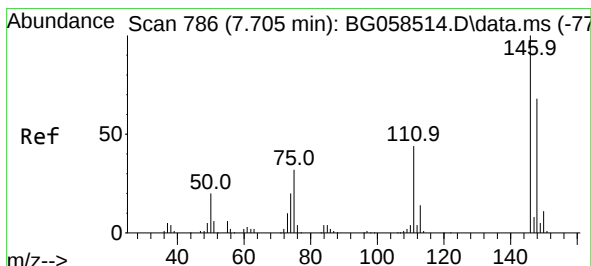
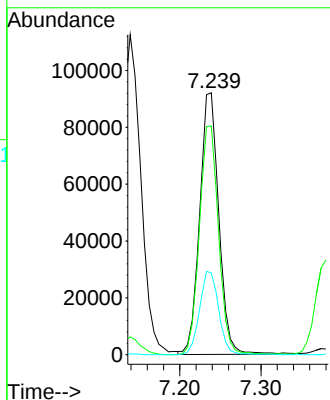
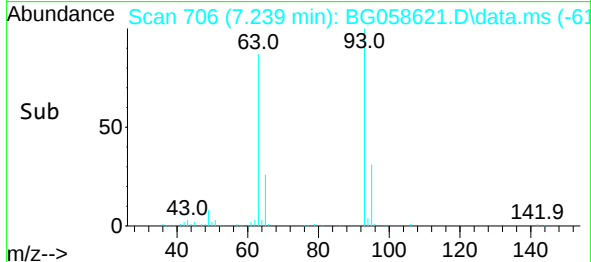
Instrument :
BNA_G
ClientSampleId :
PB154429BS



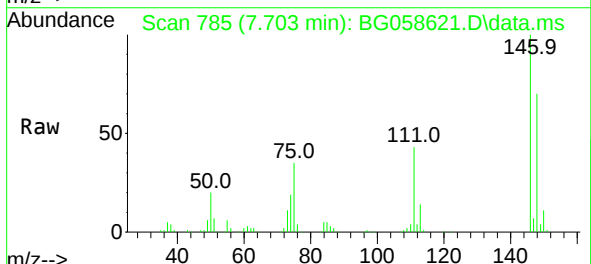
Tgt Ion: 93 Resp: 15065
Ion Ratio Lower Upper
93 100
63 87.4 65.5 105.5
95 31.2 11.2 51.2

Manual Integrations
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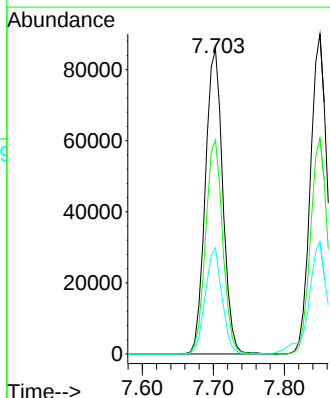
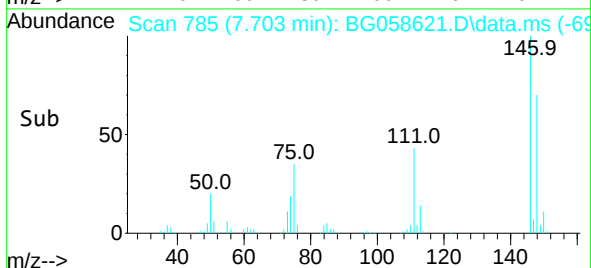
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

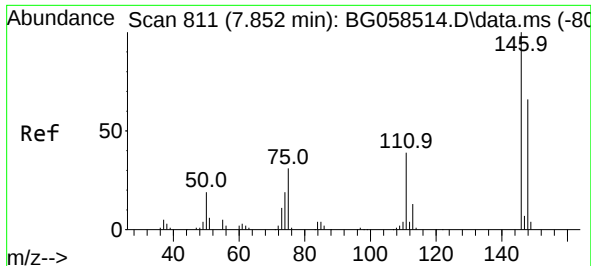


#12
1,3-Dichlorobenzene
Concen: 47.832 ng
RT: 7.703 min Scan# 785
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:146 Resp: 146170
Ion Ratio Lower Upper
146 100
148 70.1 54.7 82.1
75 34.9 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.295 ng

RT: 7.850 min Scan# 811

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

Tgt Ion:146 Resp: 14818

Ion Ratio Lower Upper

146 100

148 67.5 52.8 79.2

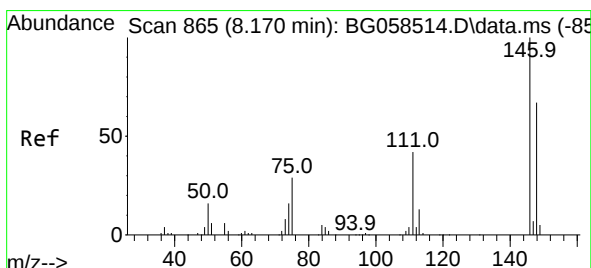
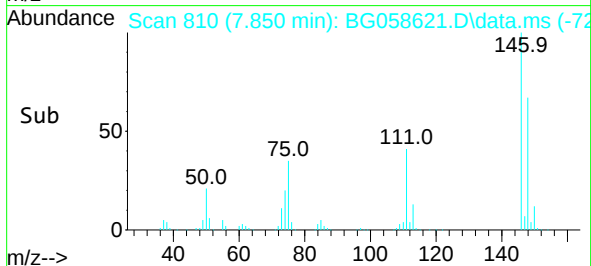
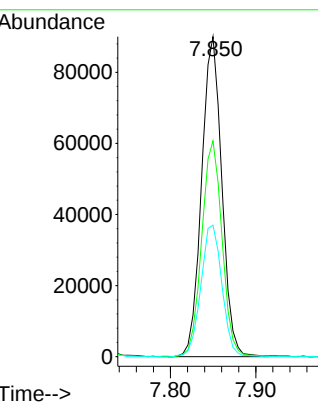
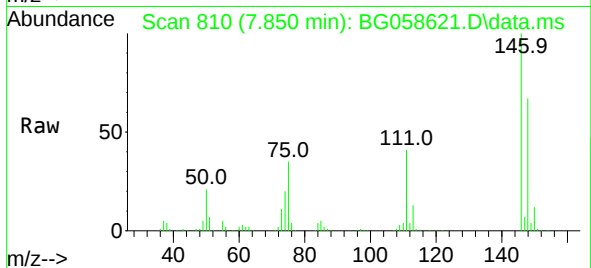
111 41.1 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#14

1,2-Dichlorobenzene

Concen: 49.718 ng

RT: 8.167 min Scan# 864

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

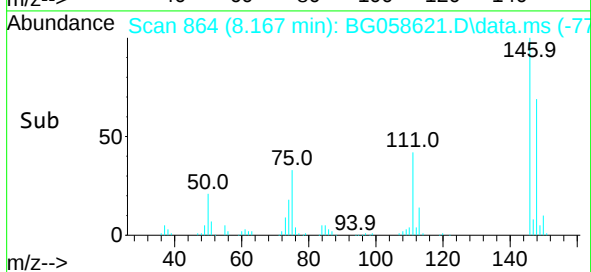
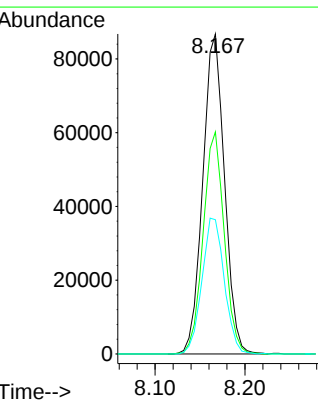
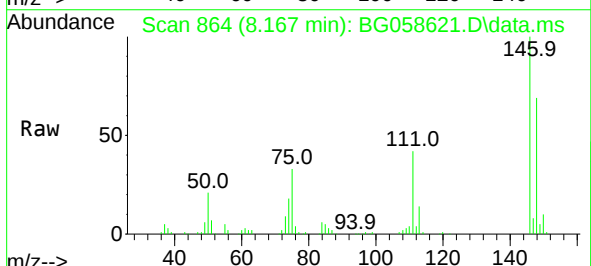
Tgt Ion:146 Resp: 145854

Ion Ratio Lower Upper

146 100

148 69.4 53.4 80.2

111 41.9 34.2 51.2





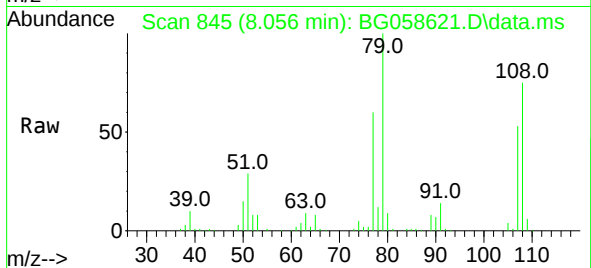
#15
Benzyl Alcohol
Concen: 57.450 ng
RT: 8.056 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

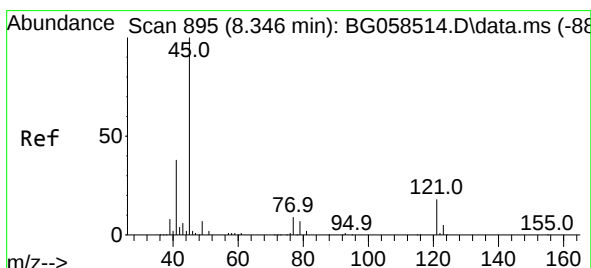
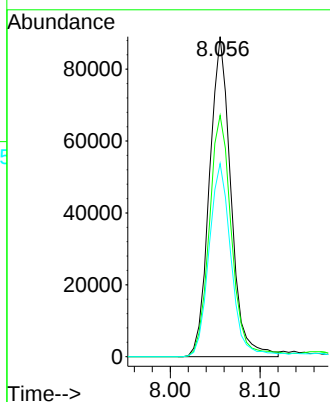
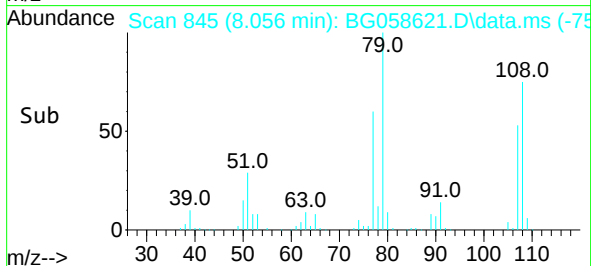
PB154429BS



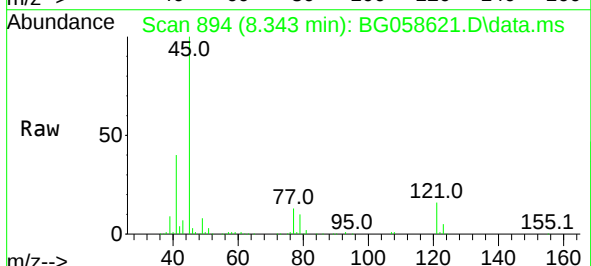
Tgt Ion: 79 Resp: 147890
Ion Ratio Lower Upper
79 100
108 75.4 63.8 95.6
77 60.4 49.8 74.6

Manual Integrations
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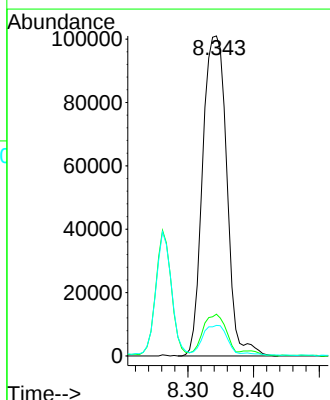
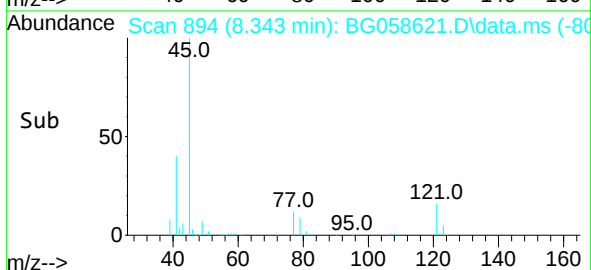
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

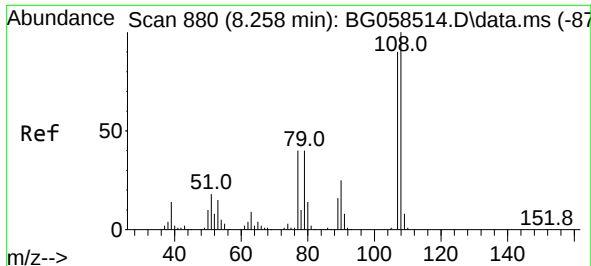


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.739 ng
RT: 8.343 min Scan# 894
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion: 45 Resp: 257648
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.6
79 9.5 0.0 30.2





#17

2-Methylphenol

Concen: 50.789 ng

RT: 8.261 min Scan# 80

Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

Tgt Ion:107 Resp: 14725

Ion Ratio Lower Upper

107 100

108 111.0 89.1 133.7

77 45.1 36.2 54.4

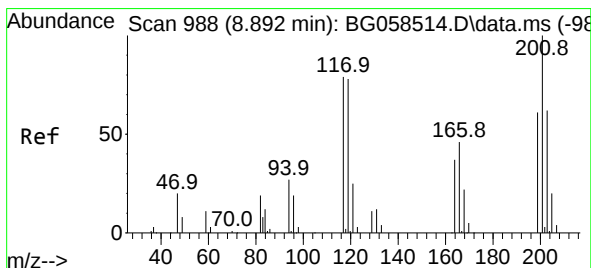
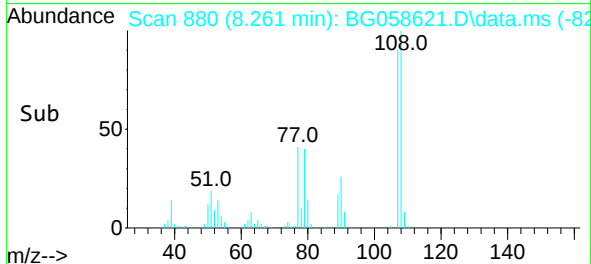
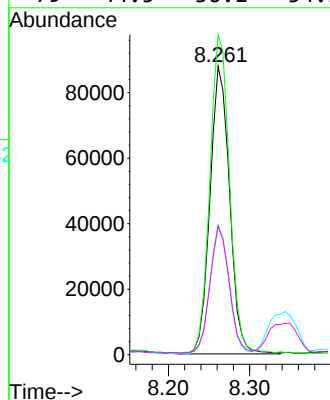
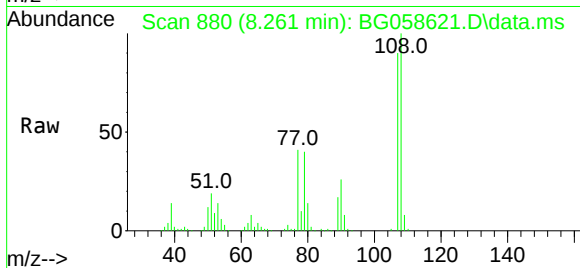
79 44.5 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#18

Hexachloroethane

Concen: 48.977 ng

RT: 8.890 min Scan# 987

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

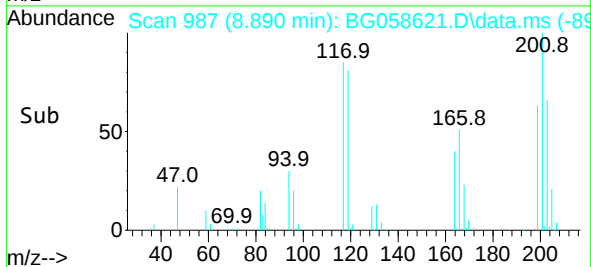
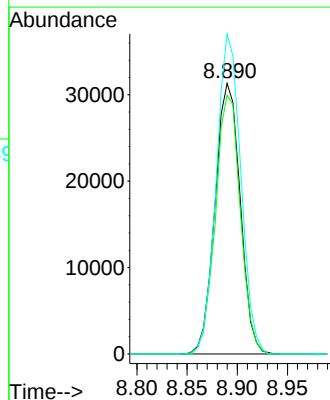
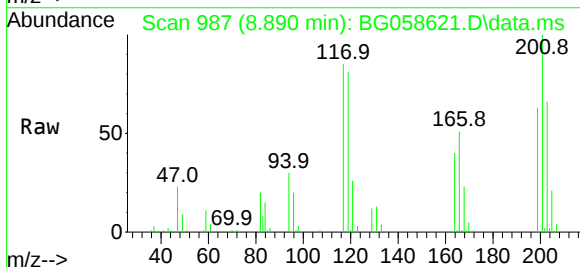
Tgt Ion:117 Resp: 54623

Ion Ratio Lower Upper

117 100

119 95.6 78.6 117.8

201 118.2 101.4 152.0





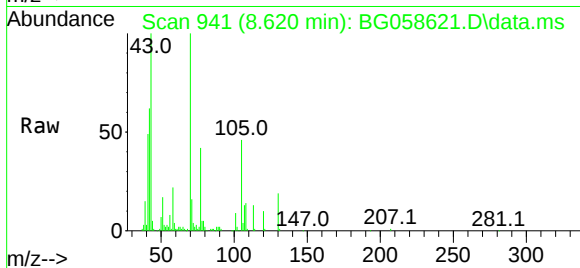
#19
n-Nitroso-di-n-propylamine
Concen: 48.850 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

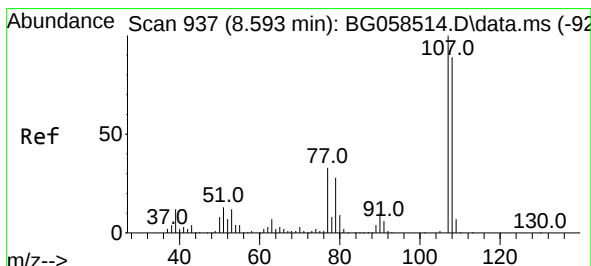
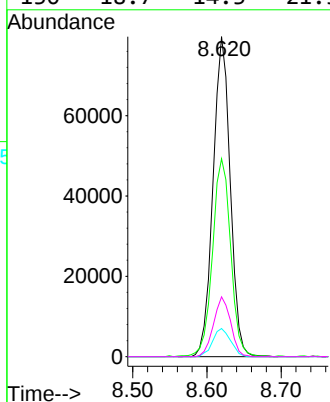
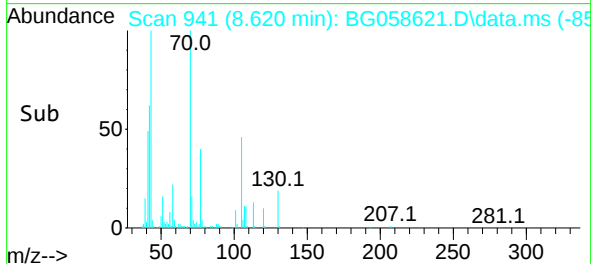
PB154429BS



Tgt Ion: 70 Resp: 12808
Ion Ratio Lower Upper
70 100
42 61.8 49.7 74.5
101 8.8 7.0 10.4
130 18.7 14.3 21.5

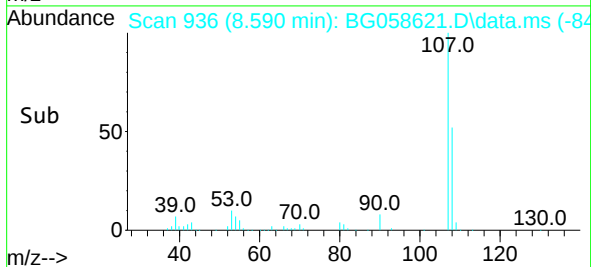
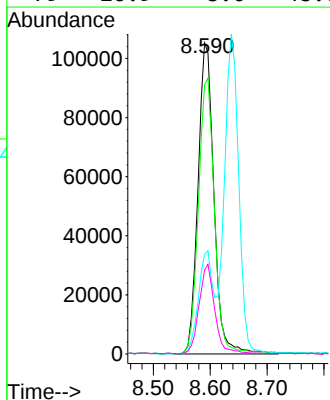
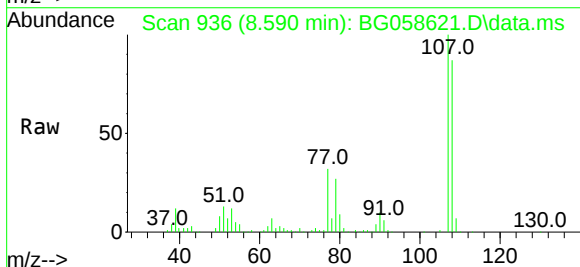
Manual Integrations
APPROVED

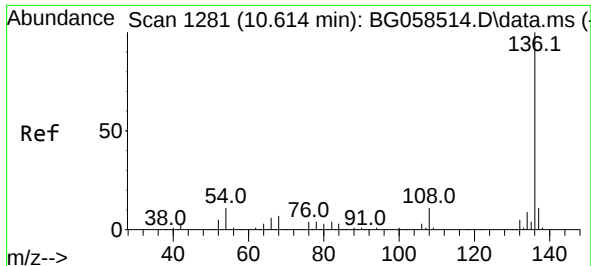
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#20
3+4-Methylphenols
Concen: 52.322 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:107 Resp: 205193
Ion Ratio Lower Upper
107 100
108 86.5 69.4 109.4
77 32.0 13.0 53.0
79 26.9 8.0 48.0





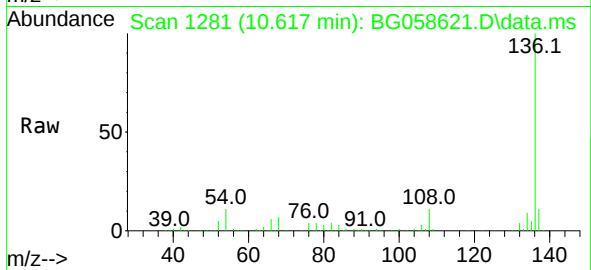
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

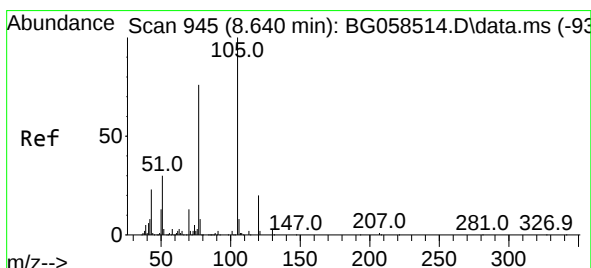
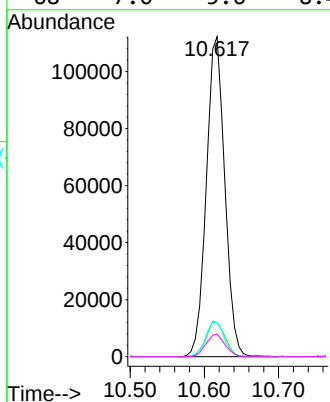
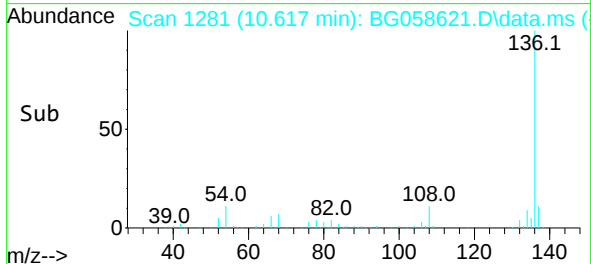


Tgt Ion:136 Resp: 193815
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.6 8.9 13.3
68 7.0 5.6 8.4

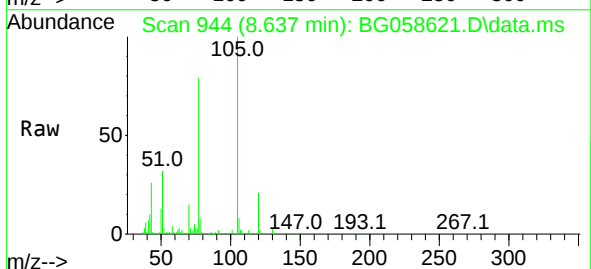
Manual Integrations

APPROVED

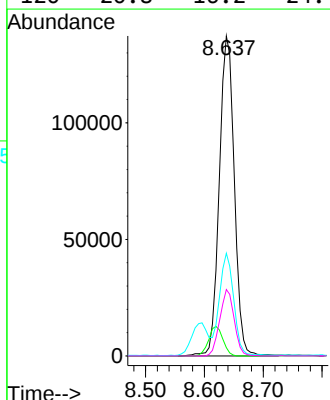
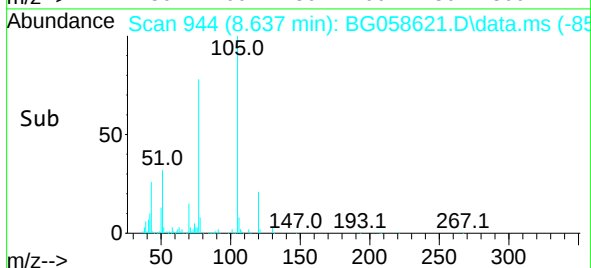
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

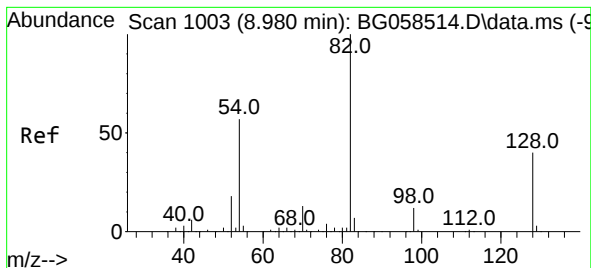


#22
Acetophenone
Concen: 46.952 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:105 Resp: 243664
Ion Ratio Lower Upper
105 100
71 2.6 1.8 2.6
51 32.1 24.2 36.2
120 20.8 16.2 24.4





#23

Nitrobenzene-d5

Concen: 89.961 ng

RT: 8.978 min Scan# 1002

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

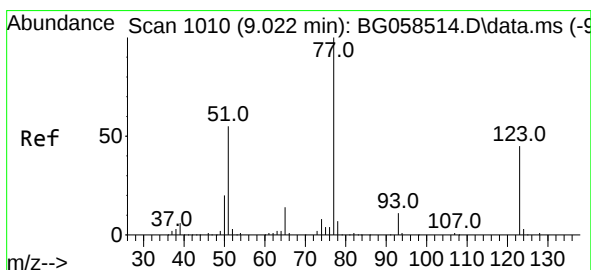
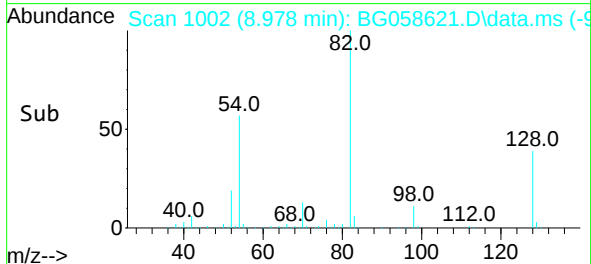
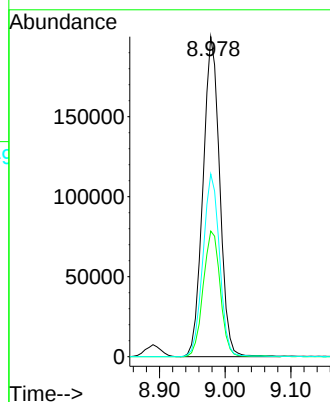
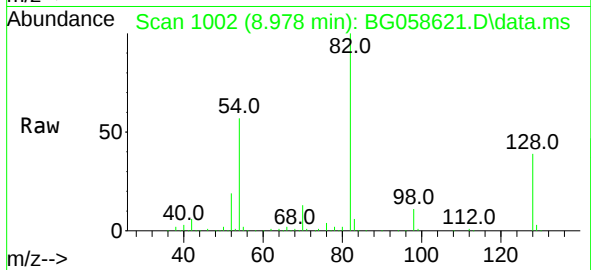
Tgt Ion: 82	Resp: 354924
Ion Ratio	Lower Upper
82 100	
128 39.3	32.2 48.2
54 57.1	46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#24

Nitrobenzene

Concen: 45.701 ng

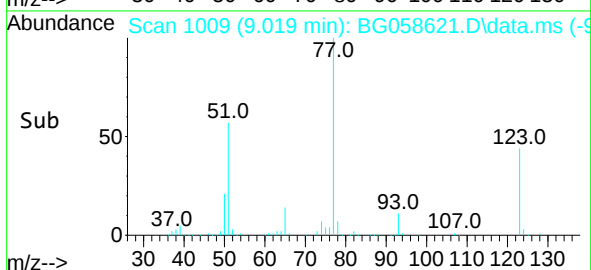
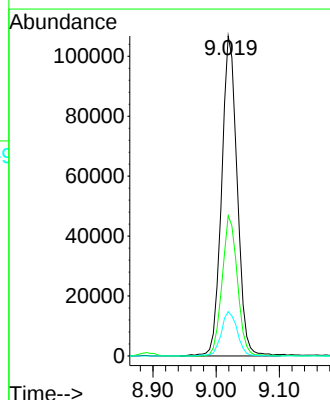
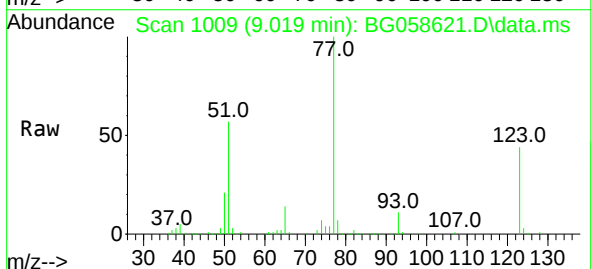
RT: 9.019 min Scan# 1009

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Tgt Ion: 77	Resp: 183304
Ion Ratio	Lower Upper
77 100	
123 43.9	35.6 53.4
65 13.9	11.4 17.0





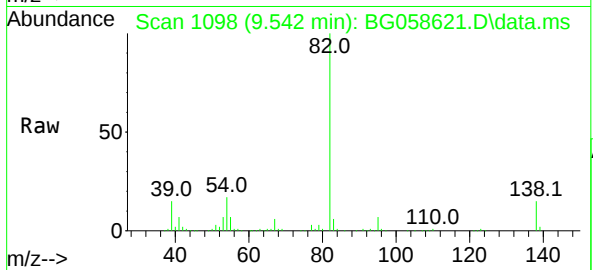
#25
Isophorone
Concen: 45.890 ng
RT: 9.542 min Scan# 1108
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

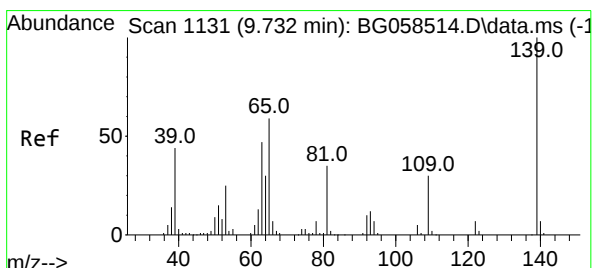
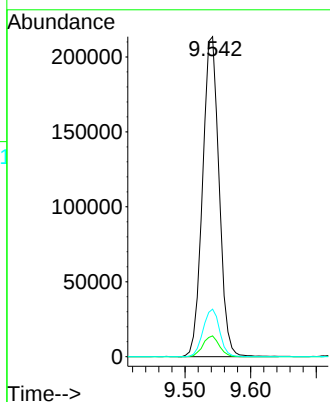
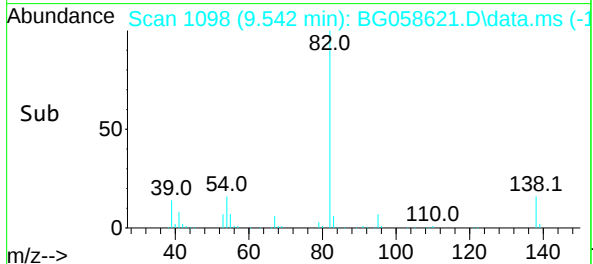


Tgt Ion: 82 Resp: 374080
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.9 11.9 17.9

Manual Integrations

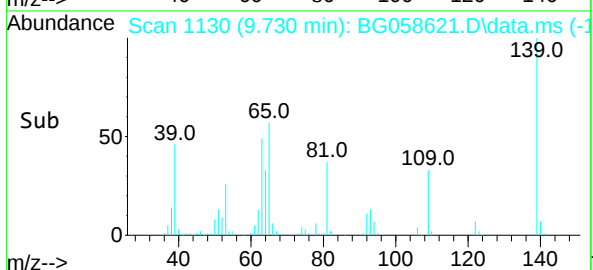
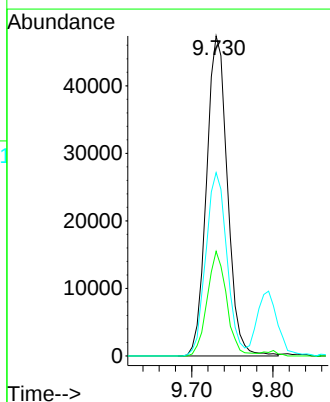
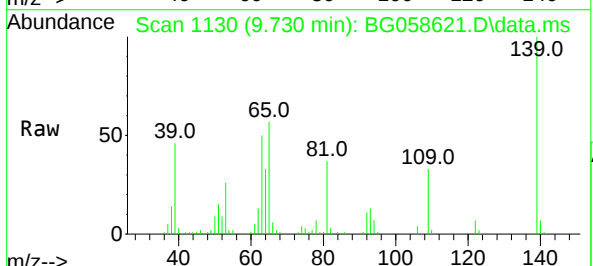
APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#26
2-Nitrophenol
Concen: 48.524 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:139 Resp: 84720
Ion Ratio Lower Upper
139 100
109 32.7 24.2 36.2
65 57.3 47.0 70.4





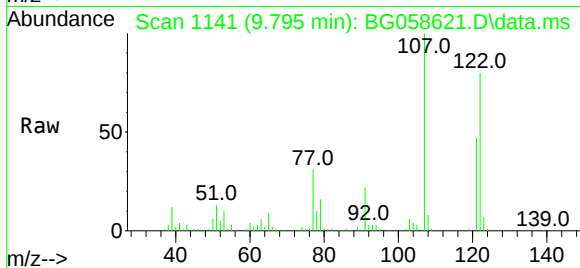
#27
2,4-Dimethylphenol
Concen: 49.484 ng
RT: 9.795 min Scan# 1141
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS



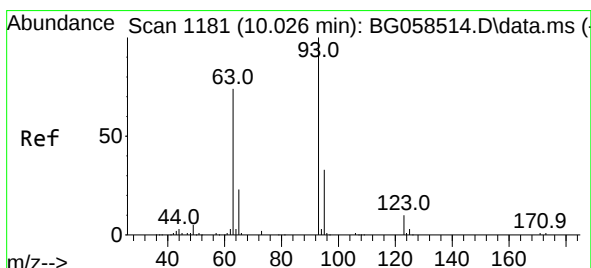
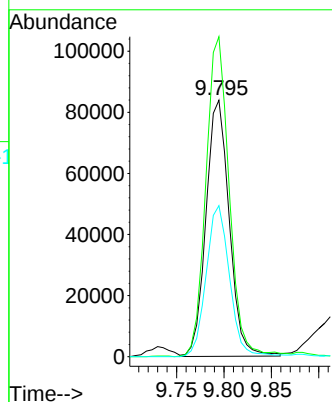
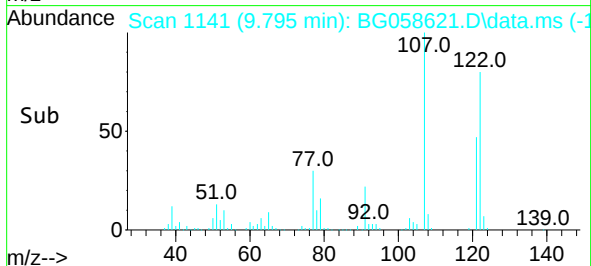
Tgt Ion:122 Resp: 143309
Ion Ratio Lower Upper
122 100
107 124.7 98.0 147.0
121 58.9 47.8 71.6

Manual Integrations

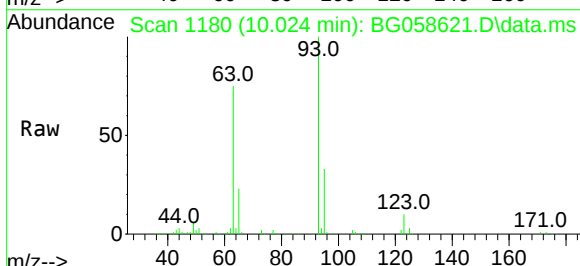
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

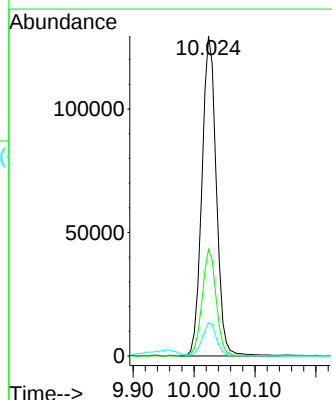
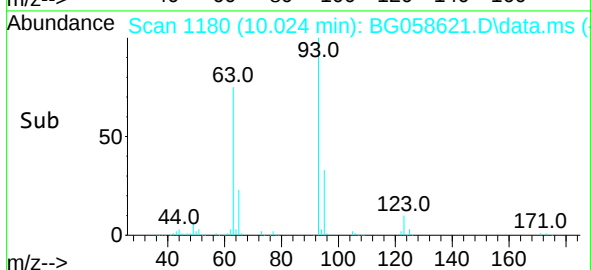
Supervised By :mohammad ahmed 08/08/2023

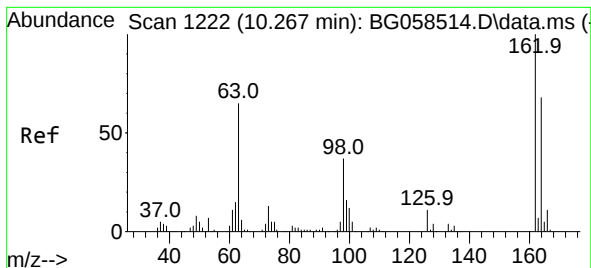


#28
bis(2-Chloroethoxy)methane
Concen: 48.010 ng
RT: 10.024 min Scan# 1180
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



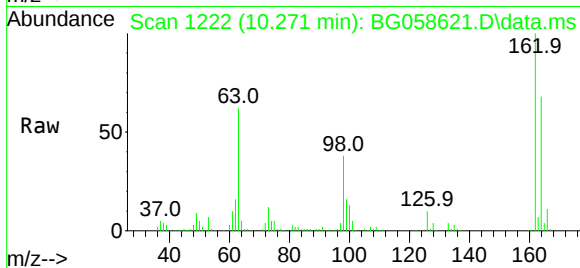
Tgt Ion: 93 Resp: 212982
Ion Ratio Lower Upper
93 100
95 33.3 26.0 39.0
123 10.4 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 51.247 ng
RT: 10.271 min Scan# 1222
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

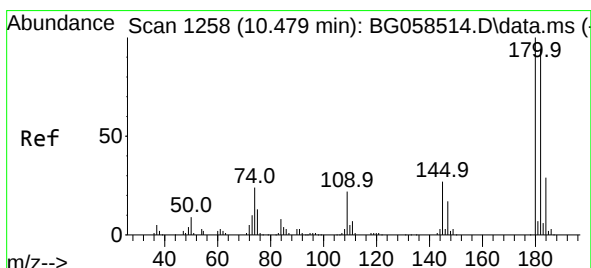
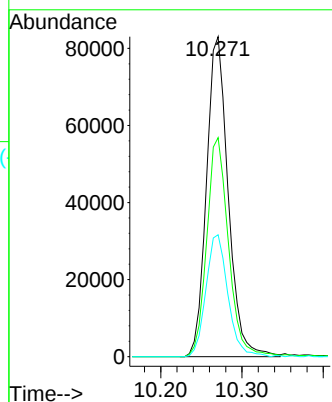
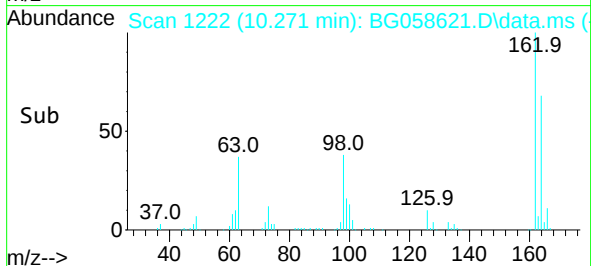
Instrument :
BNA_G
ClientSampleId :
PB154429BS



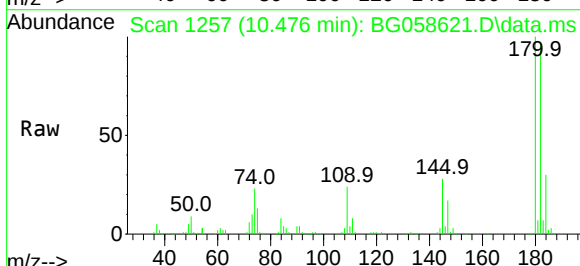
Tgt Ion:162 Resp: 154098
Ion Ratio Lower Upper
162 100
164 68.4 47.6 87.6
98 38.1 17.1 57.1

Manual Integrations
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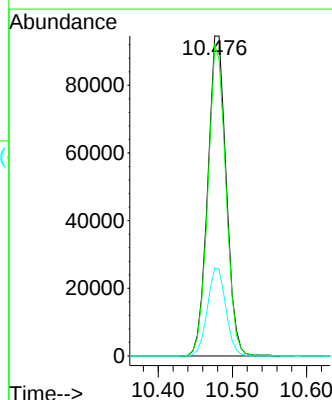
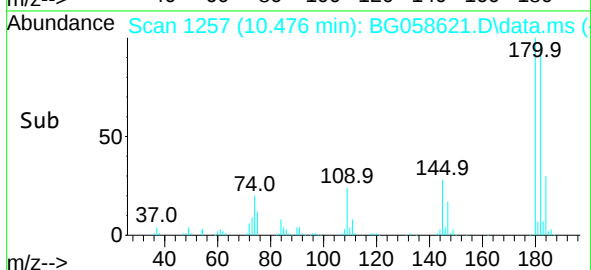
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

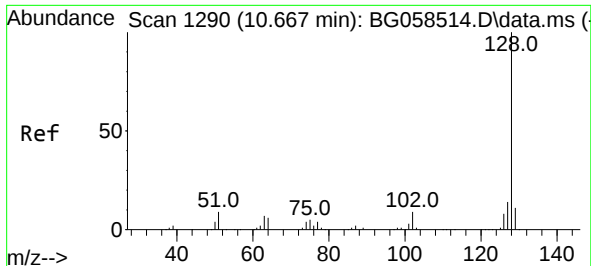


#30
1,2,4-Trichlorobenzene
Concen: 47.229 ng
RT: 10.476 min Scan# 1257
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



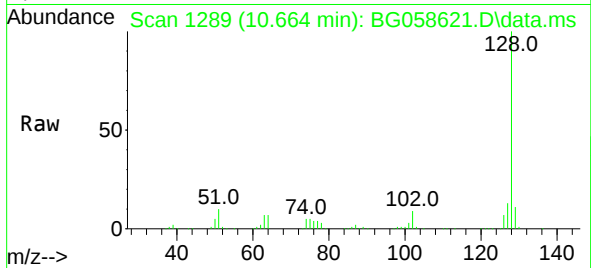
Tgt Ion:180 Resp: 163778
Ion Ratio Lower Upper
180 100
182 97.1 75.0 112.4
145 27.6 21.9 32.9





#31
Naphthalene
Concen: 45.874 ng
RT: 10.664 min Scan# 1128
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

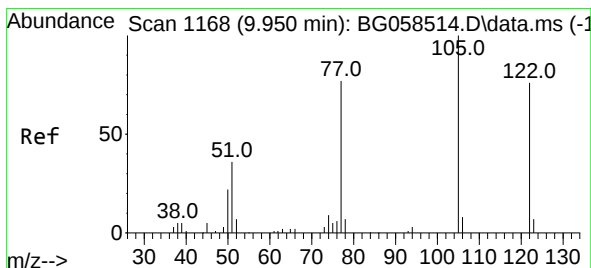
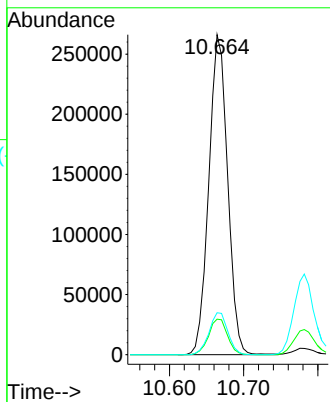
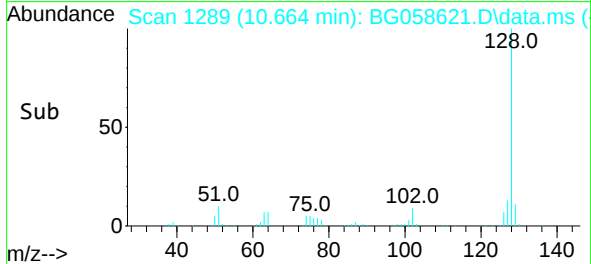
Instrument :
BNA_G
ClientSampleId :
PB154429BS



Tgt Ion:128 Resp: 46861
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.9 16.3

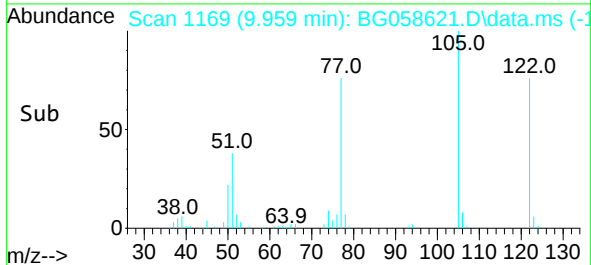
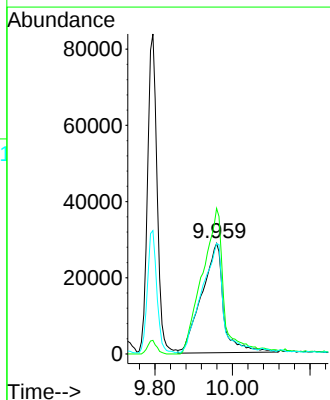
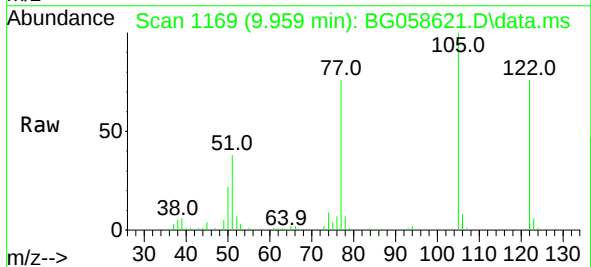
Manual Integrations
APPROVED

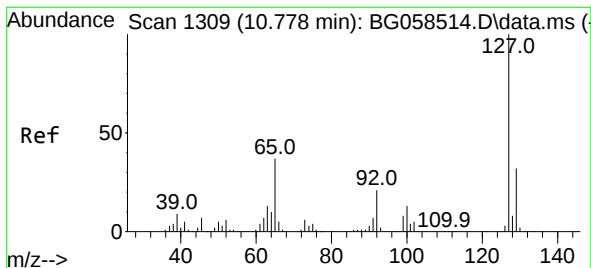
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#32
Benzoic acid
Concen: 50.532 ng
RT: 9.959 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:122 Resp: 112308
Ion Ratio Lower Upper
122 100
105 131.6 106.5 146.5
77 99.8 78.1 118.1





#33
4-Chloroaniline
Concen: 30.621 ng
RT: 10.782 min Scan# 1309
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

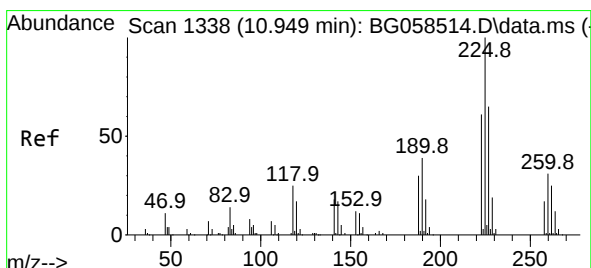
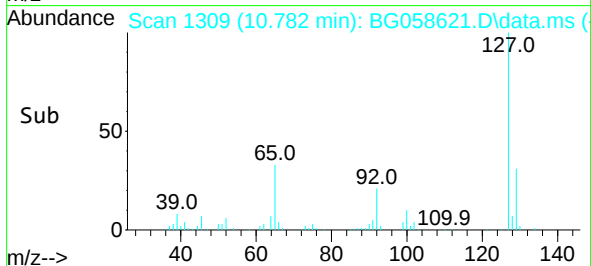
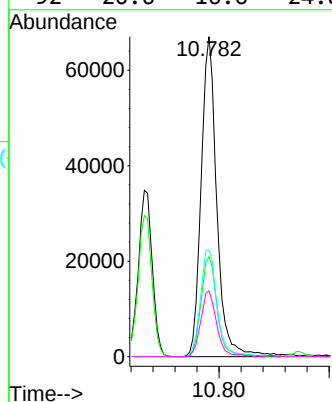
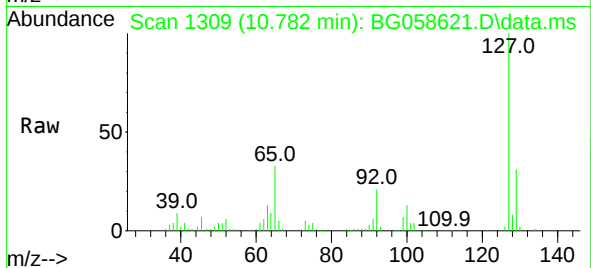
PB154429BS

Tgt Ion:127 Resp: 132158
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2
65 33.3 29.5 44.3
92 20.6 16.6 24.8

Manual Integrations

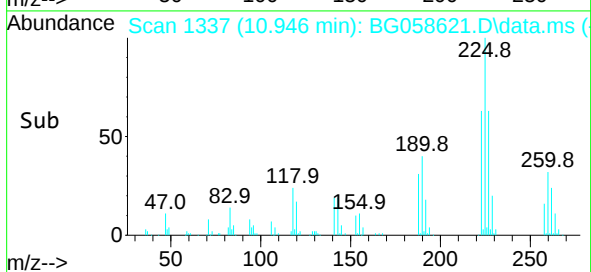
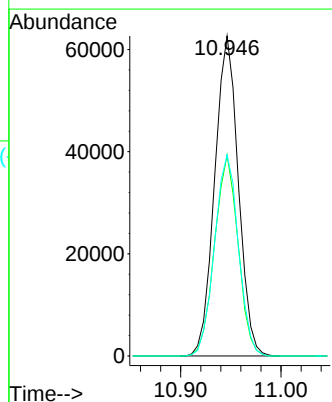
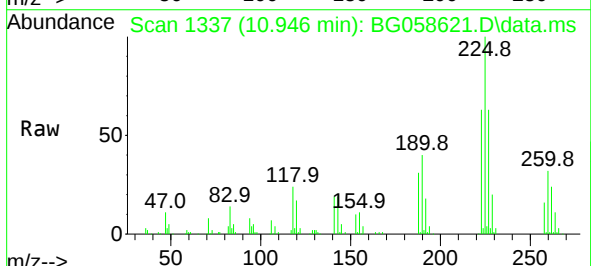
APPROVED

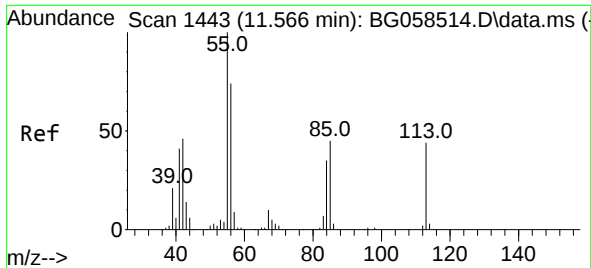
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#34
Hexachlorobutadiene
Concen: 45.858 ng
RT: 10.946 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:225 Resp: 102411
Ion Ratio Lower Upper
225 100
223 62.8 49.0 73.6
227 62.8 51.7 77.5





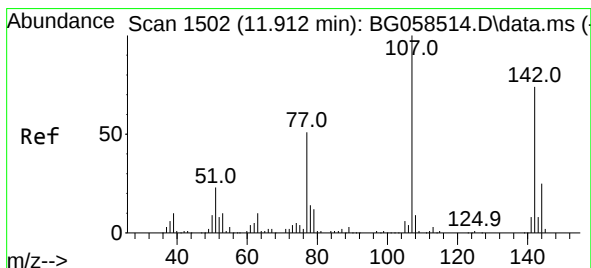
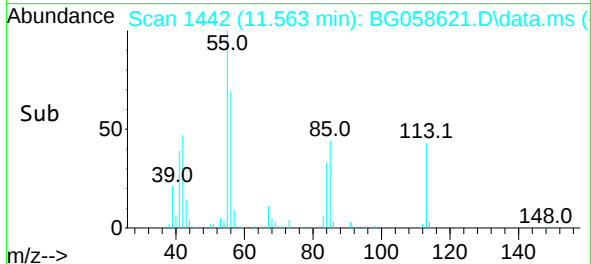
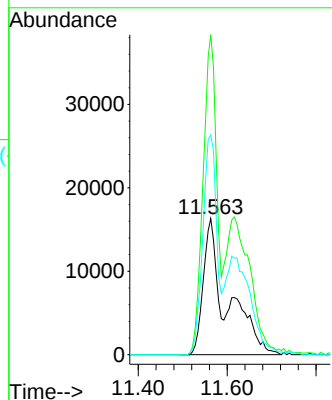
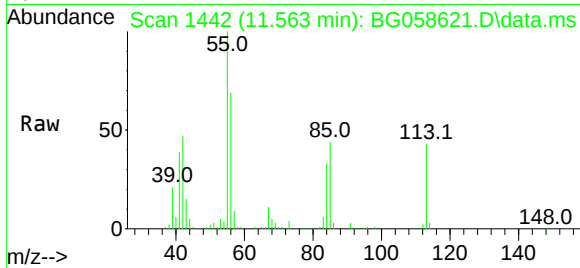
#35
Caprolactam
Concen: 53.863 ng m
RT: 11.563 min Scan# 1443
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :
BNA_G
ClientSampleId :
PB154429BS

Tgt Ion:113 Resp: 59810
Ion Ratio Lower Upper
113 100
55 235.1 208.0 248.0
56 161.5 148.6 188.6

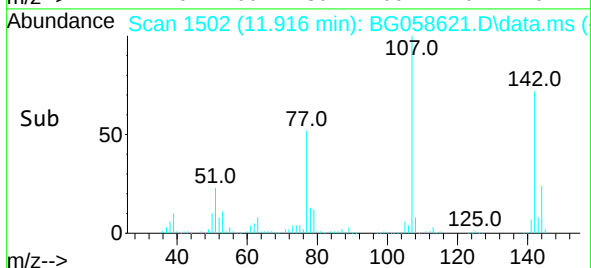
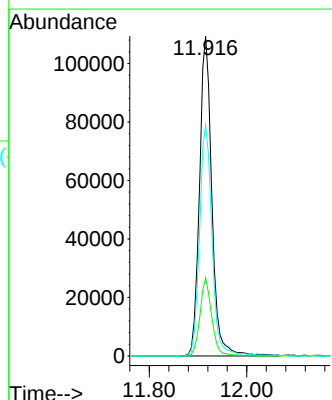
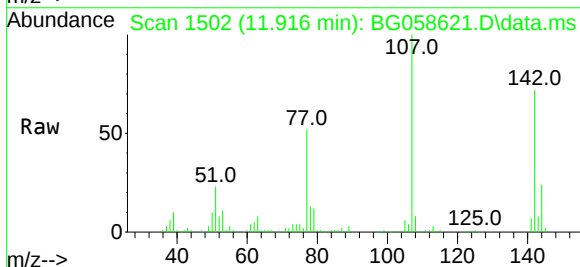
Manual Integrations
APPROVED

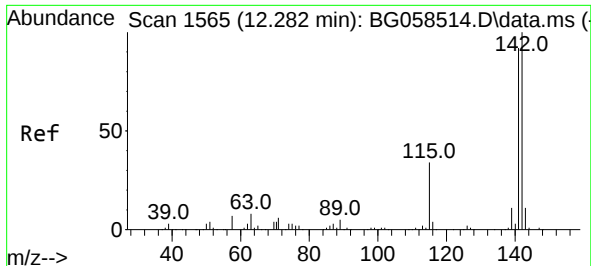
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#36
4-Chloro-3-methylphenol
Concen: 51.923 ng
RT: 11.916 min Scan# 1502
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:107 Resp: 193138
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 72.2 59.3 88.9





#37

2-Methylnaphthalene

Concen: 44.701 ng

RT: 12.280 min Scan# 1565

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

Tgt Ion:142 Resp: 32663

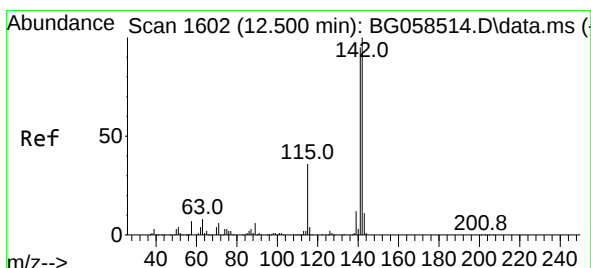
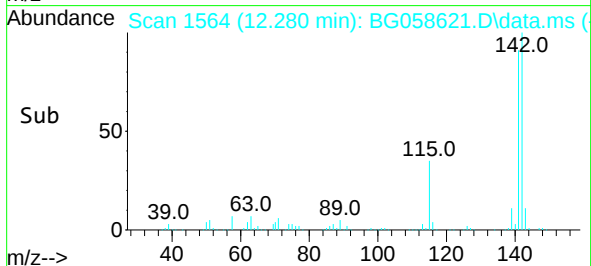
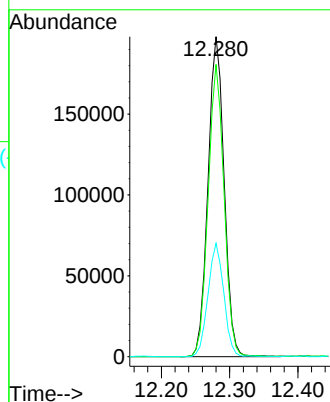
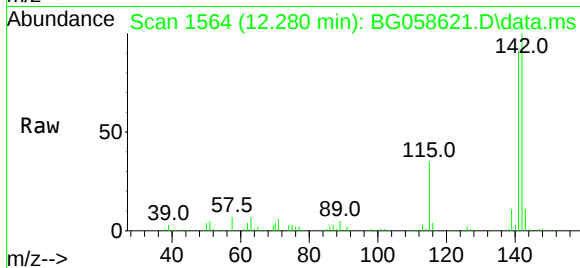
Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.5	110.3
115	35.4	27.4	41.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#38

1-Methylnaphthalene

Concen: 45.220 ng

RT: 12.503 min Scan# 1602

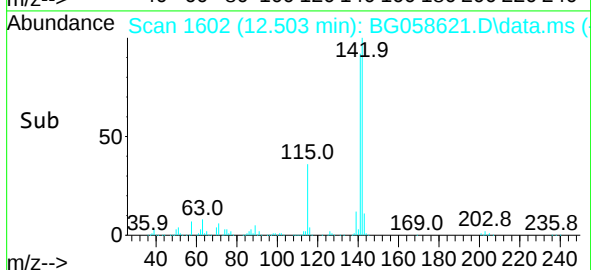
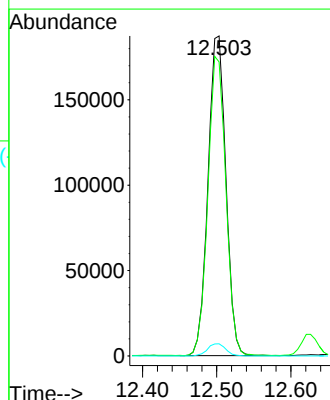
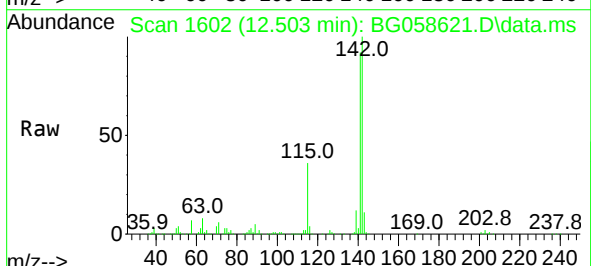
Delta R.T. 0.003 min

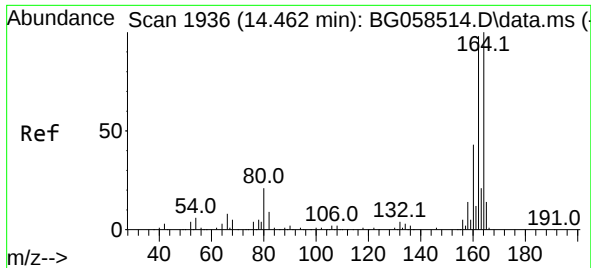
Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Tgt Ion:142 Resp: 314093

Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.7	113.5
116	3.8	3.2	4.8





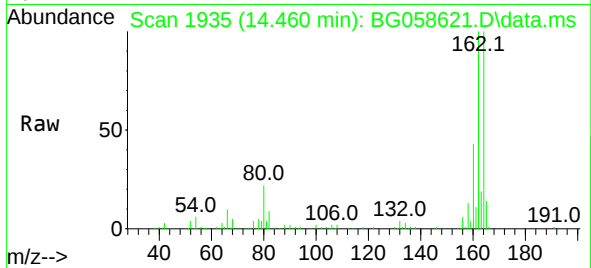
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

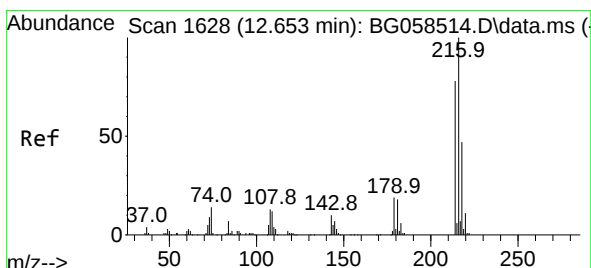
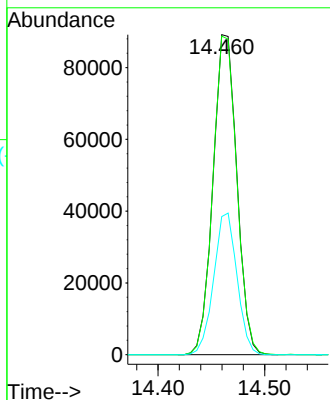
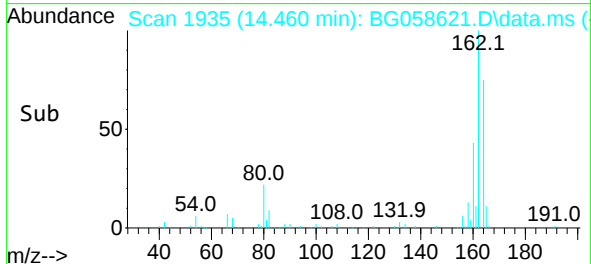


Tgt Ion:164 Resp: 13832
Ion Ratio Lower Upper
164 100
162 99.5 78.3 117.5
160 43.2 34.1 51.1

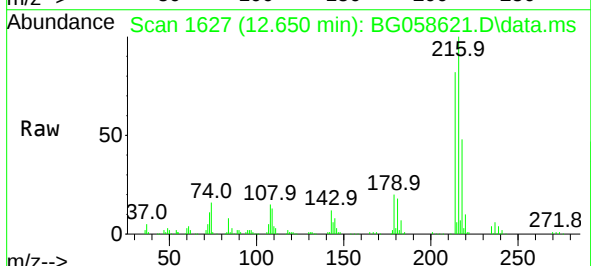
Manual Integrations

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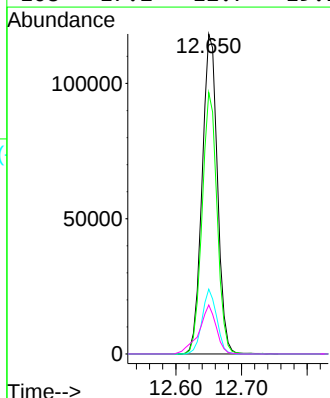
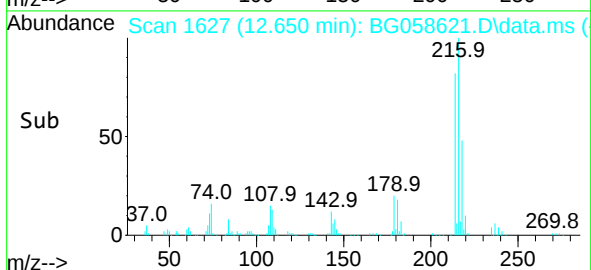
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

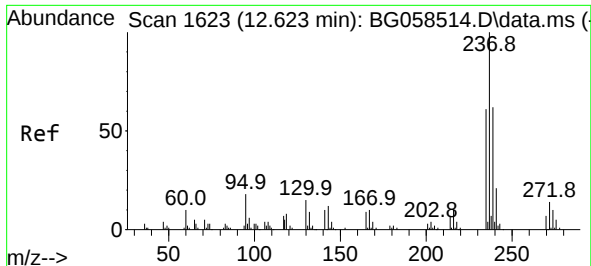


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.216 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:216 Resp: 192012
Ion Ratio Lower Upper
216 100
214 80.0 63.1 94.7
179 19.3 15.6 23.4
108 17.2 12.7 19.1





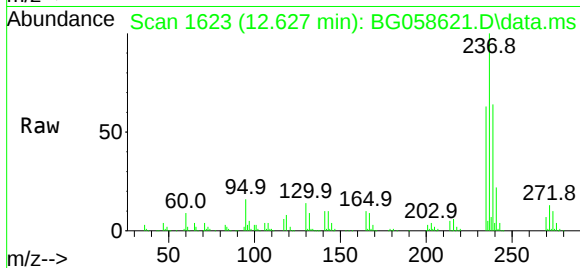
#41
Hexachlorocyclopentadiene
Concen: 98.008 ng
RT: 12.627 min Scan# 10
Delta R.T. 0.004 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

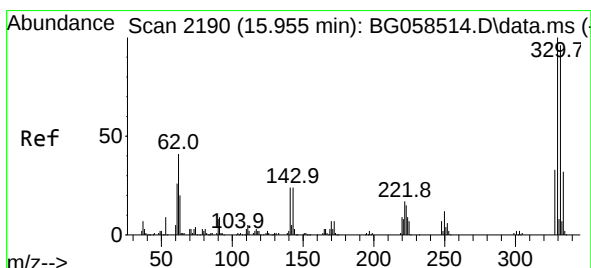
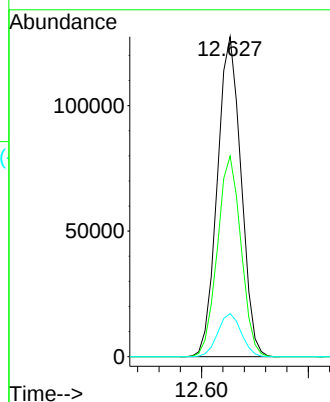
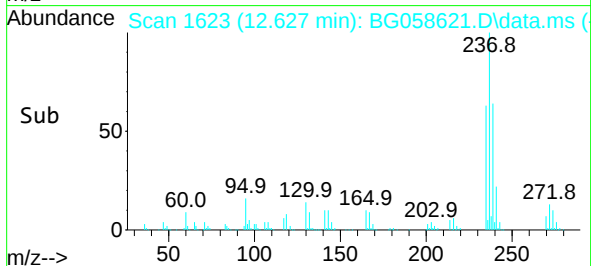


Tgt Ion:237 Resp: 196619
Ion Ratio Lower Upper
237 100
235 62.7 41.0 81.0
272 13.5 0.0 33.6

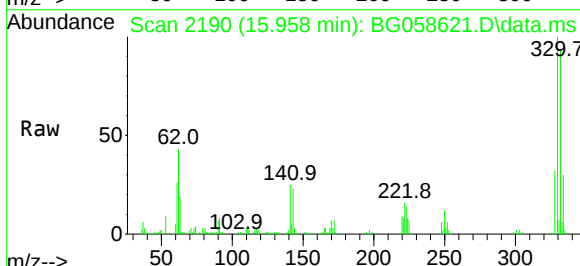
Manual Integrations

APPROVED

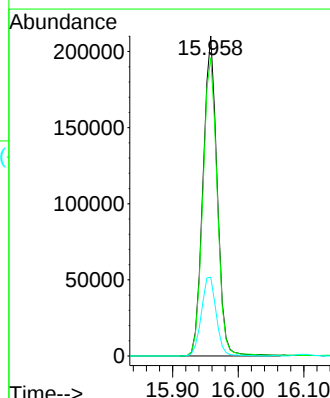
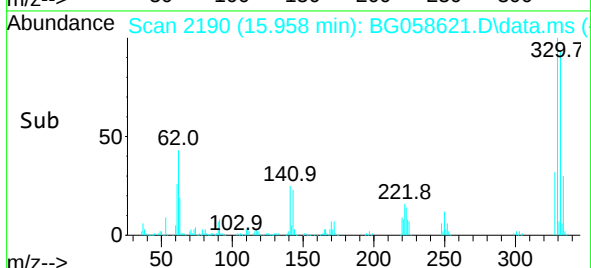
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

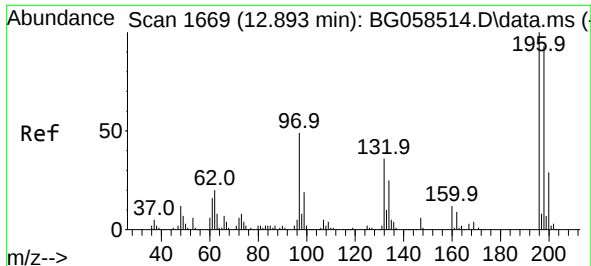


#42
2,4,6-Tribromophenol
Concen: 138.766 ng
RT: 15.958 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



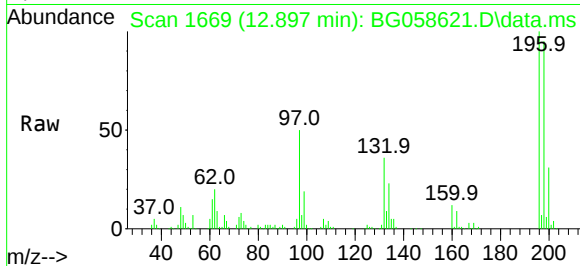
Tgt Ion:330 Resp: 314608
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 26.0 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 49.364 ng
RT: 12.897 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

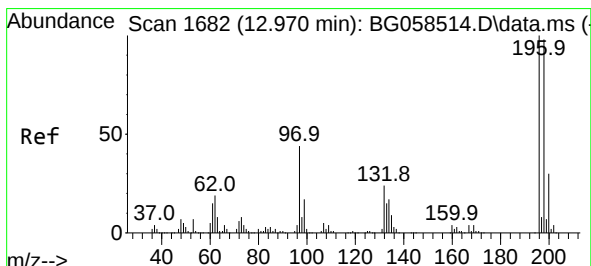
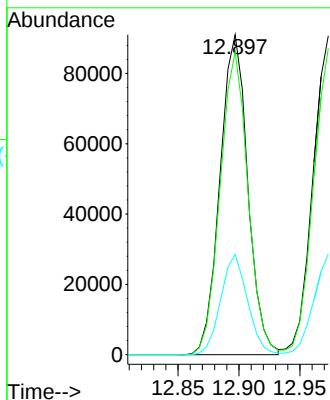
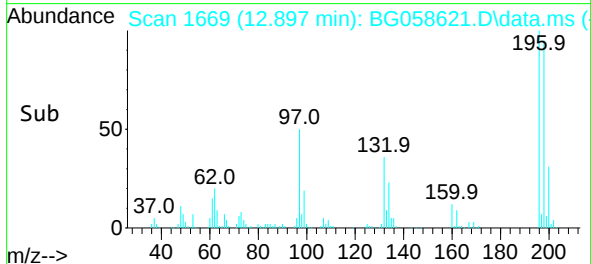
Instrument :
BNA_G
ClientSampleId :
PB154429BS



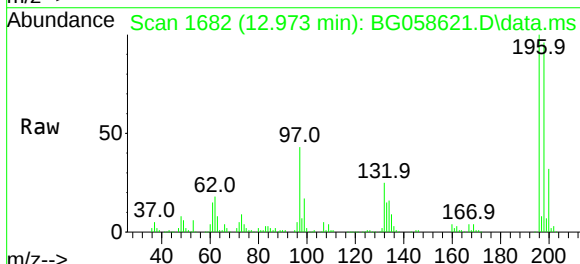
Tgt Ion:196 Resp: 144186
Ion Ratio Lower Upper
196 100
198 94.6 74.2 111.4
200 31.3 22.9 34.3

Manual Integrations
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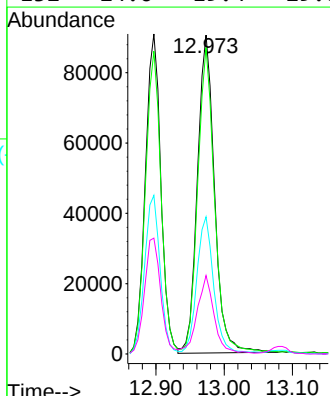
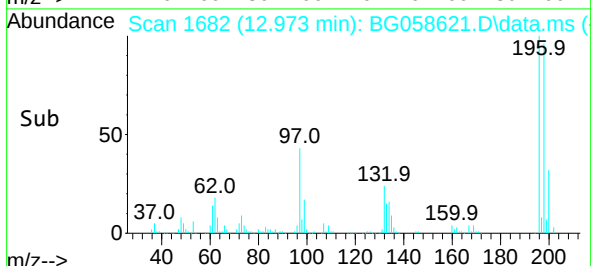
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

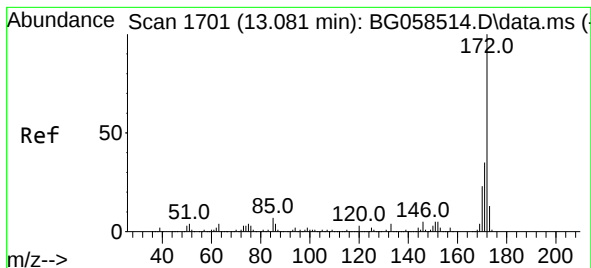


#44
2,4,5-Trichlorophenol
Concen: 45.887 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



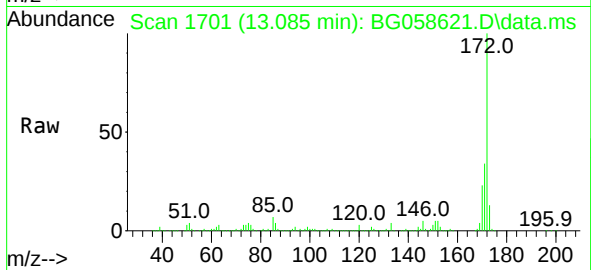
Tgt Ion:196 Resp: 157867
Ion Ratio Lower Upper
196 100
198 96.1 78.3 117.5
97 43.0 35.2 52.8
132 24.6 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 87.465 ng
RT: 13.085 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

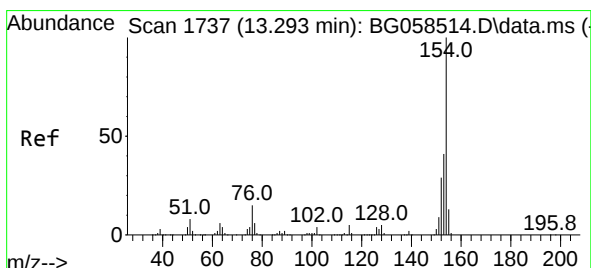
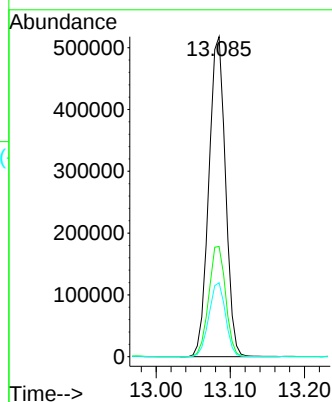
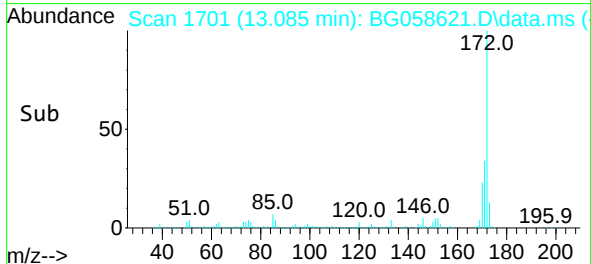
Instrument :
BNA_G
ClientSampleId :
PB154429BS



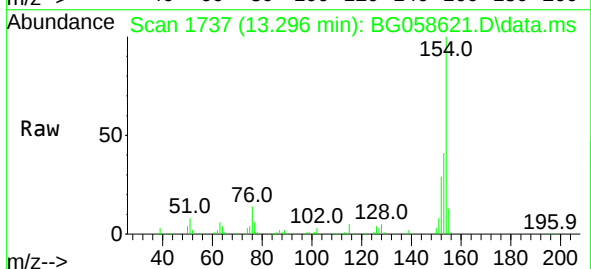
Tgt Ion:172 Resp: 807309
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.1 18.4 27.6

Manual Integrations
APPROVED

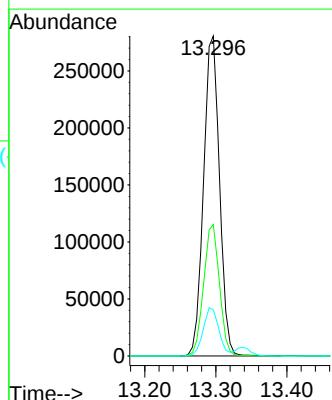
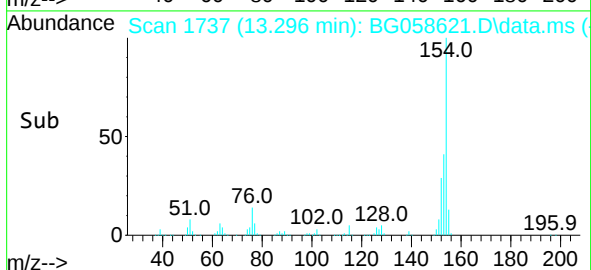
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

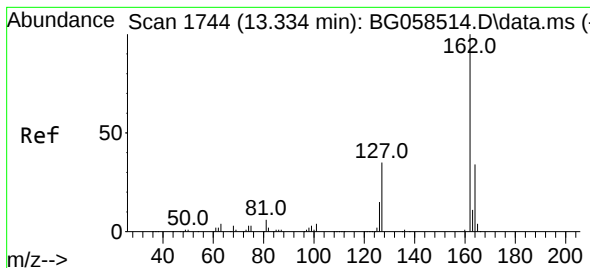


#46
1,1'-Biphenyl
Concen: 46.108 ng
RT: 13.296 min Scan# 1737
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:154 Resp: 437995
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 14.4 0.0 34.7





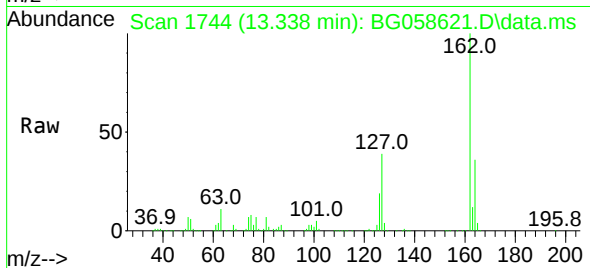
#47
2-Chloronaphthalene
Concen: 47.287 ng
RT: 13.338 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS



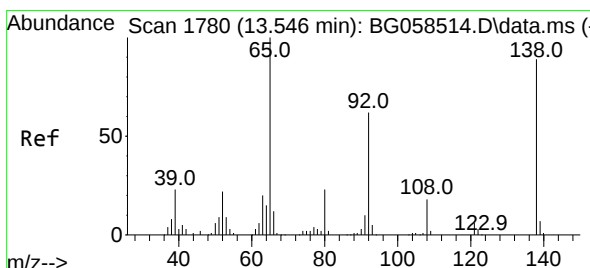
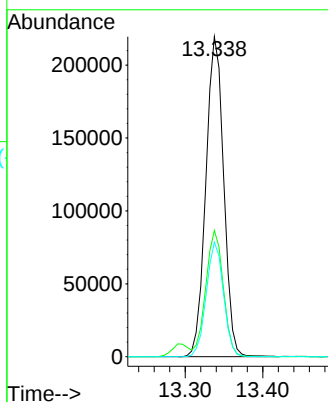
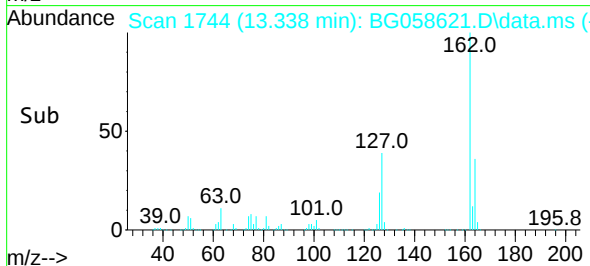
Tgt Ion:162 Resp: 35023
Ion Ratio Lower Upper
162 100
127 39.4 30.9 46.3
164 35.8 27.2 40.8

Manual Integrations

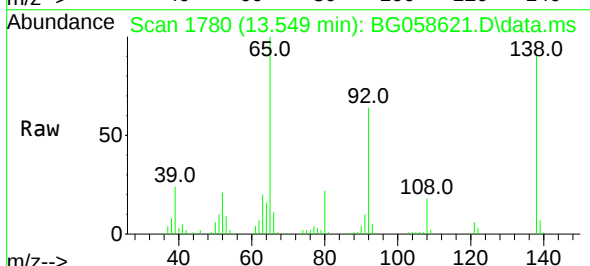
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

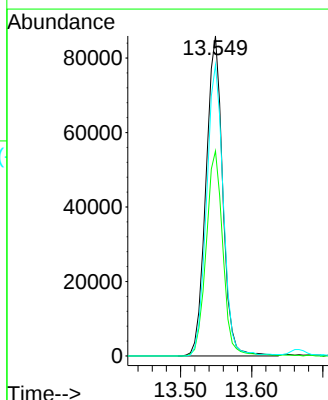
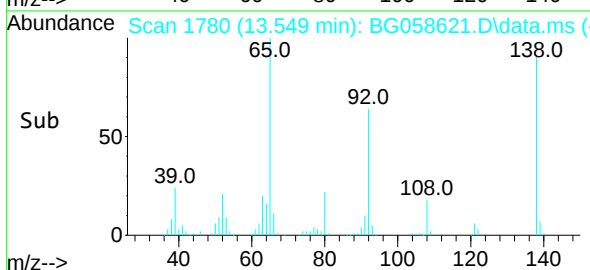
Supervised By :mohammad ahmed 08/08/2023

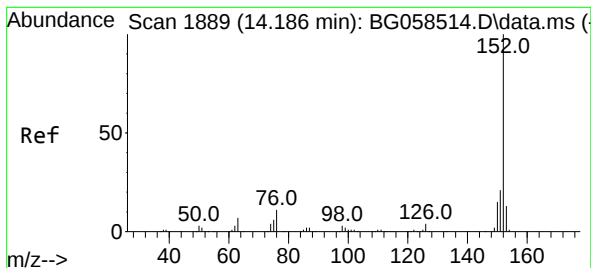


#48
2-Nitroaniline
Concen: 49.858 ng
RT: 13.549 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion: 65 Resp: 140949
Ion Ratio Lower Upper
65 100
92 64.1 49.2 73.8
138 91.0 71.5 107.3





#49

Acenaphthylene

Concen: 47.679 ng

RT: 14.184 min Scan# 1889

Delta R.T. -0.002 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

Tgt Ion:152 Resp: 59123

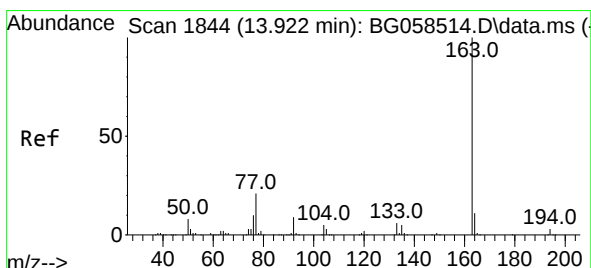
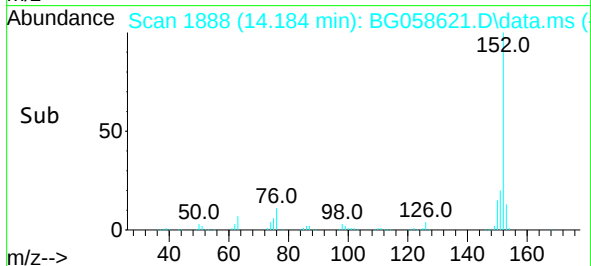
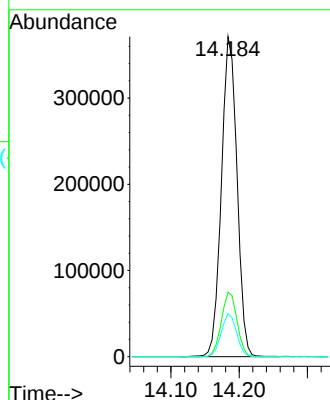
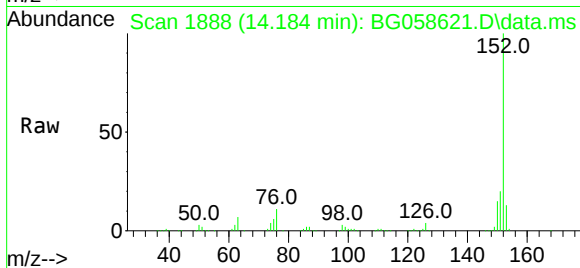
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#50

Dimethylphthalate

Concen: 48.301 ng

RT: 13.919 min Scan# 1843

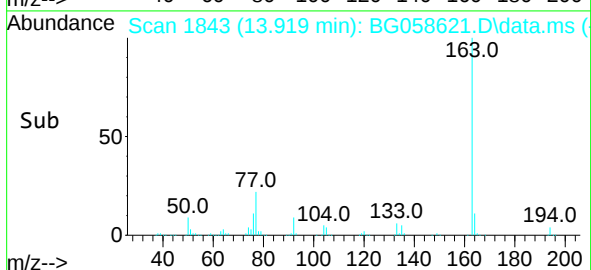
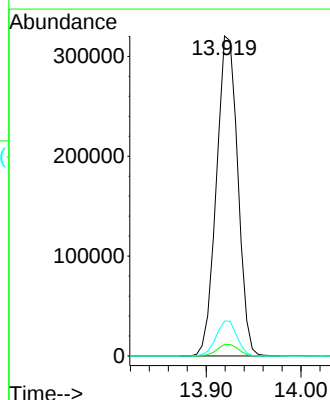
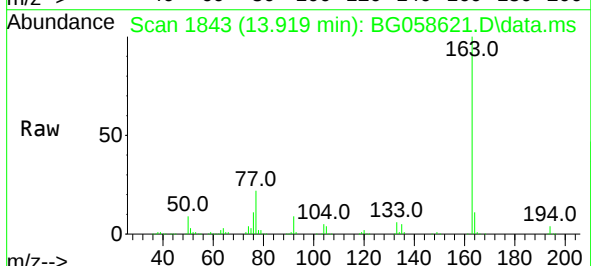
Delta R.T. -0.002 min

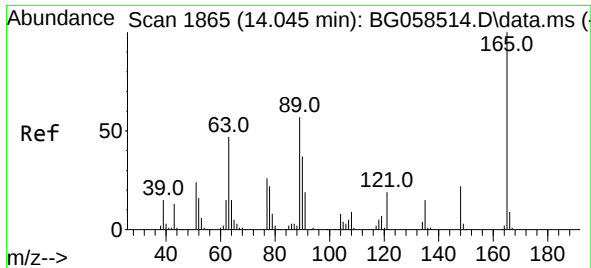
Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Tgt Ion:163 Resp: 501759

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.9	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 49.009 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

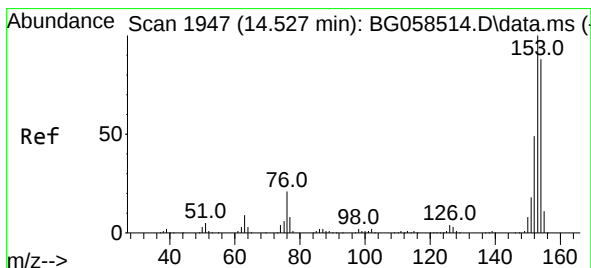
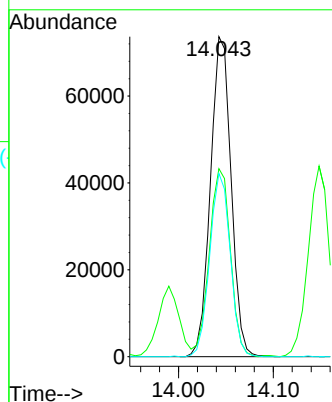
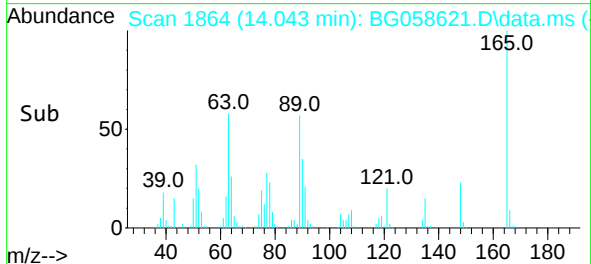
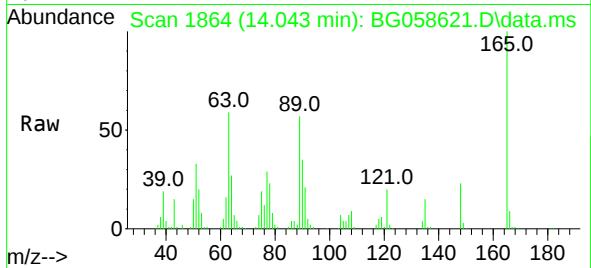
PB154429BS

Tgt Ion:165 Resp: 111709
Ion Ratio Lower Upper
165 100
63 58.7 46.4 69.6
89 57.2 45.3 67.9

Manual Integrations

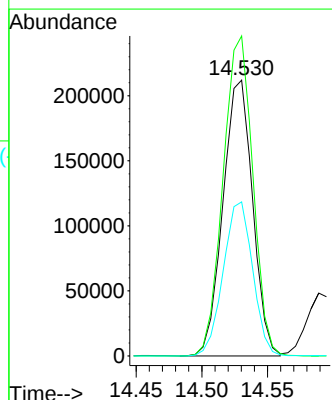
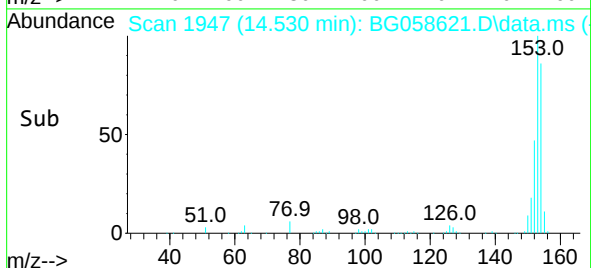
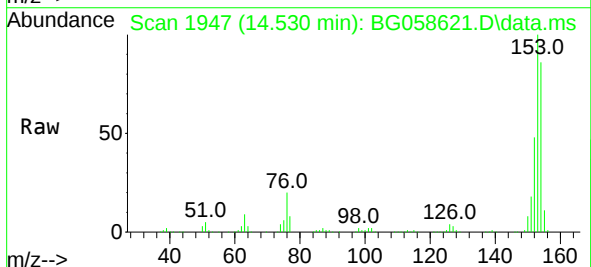
APPROVED

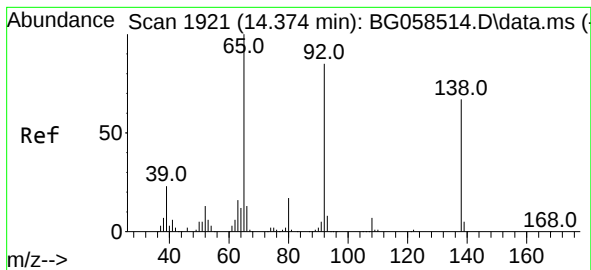
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#52
Acenaphthene
Concen: 46.494 ng
RT: 14.530 min Scan# 1947
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:154 Resp: 333139
Ion Ratio Lower Upper
154 100
153 116.0 91.1 136.7
152 55.9 44.6 66.8





#53
3-Nitroaniline
Concen: 34.476 ng
RT: 14.378 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

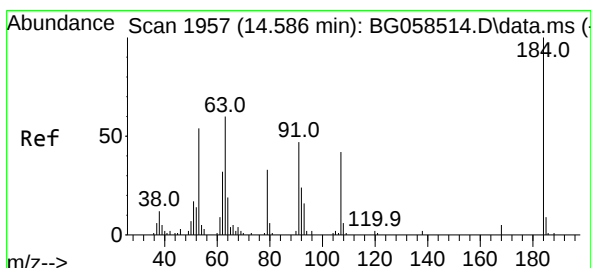
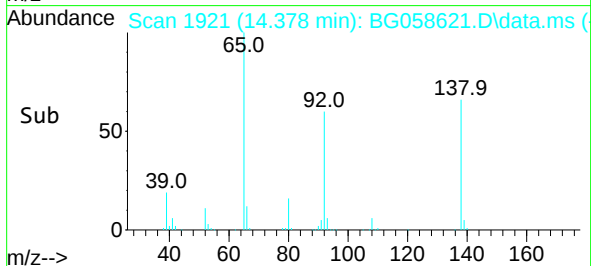
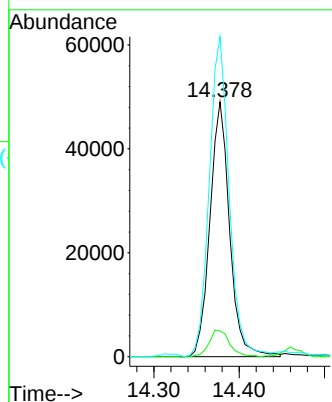
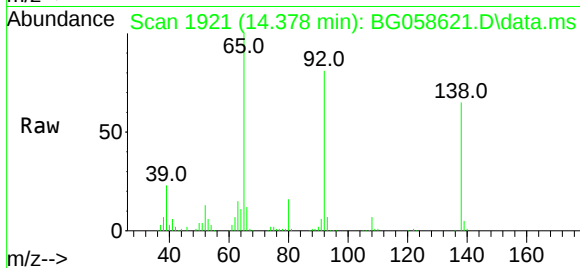
ClientSampleId :

PB154429BS

Tgt Ion:138 Resp: 7862
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 125.7 101.1 151.7

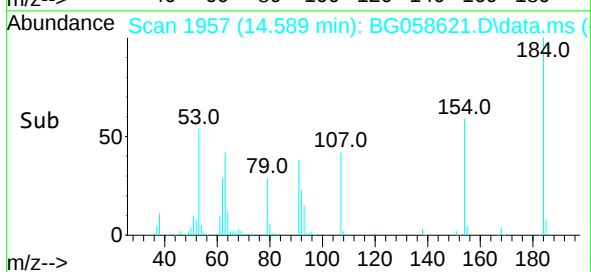
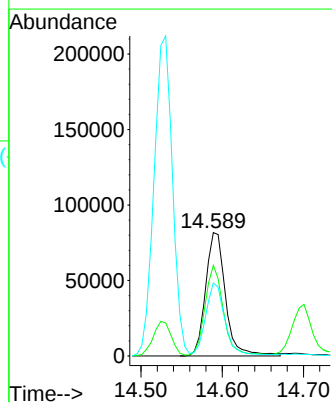
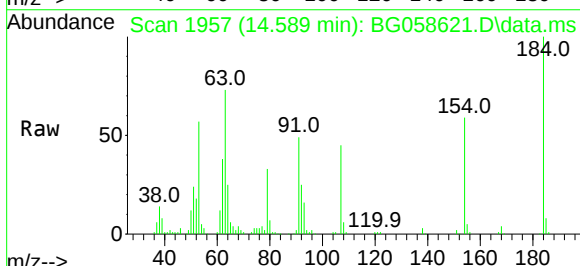
Manual Integrations
APPROVED

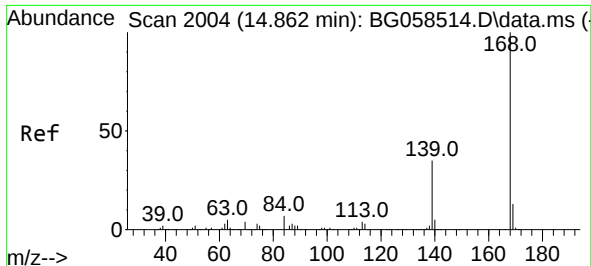
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#54
2,4-Dinitrophenol
Concen: 105.855 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:184 Resp: 139444
Ion Ratio Lower Upper
184 100
63 73.4 56.7 85.1
154 59.1 46.1 69.1





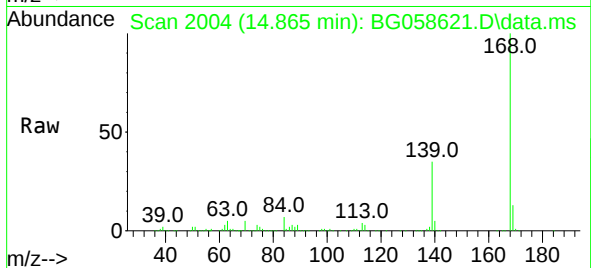
#55
Dibenzofuran
Concen: 46.366 ng
RT: 14.865 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

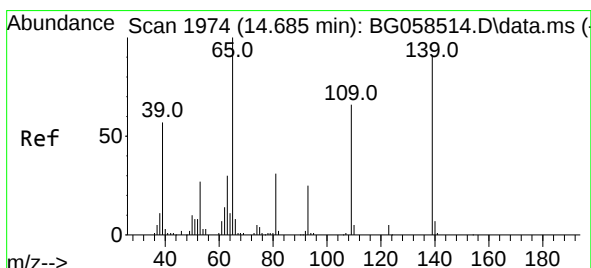
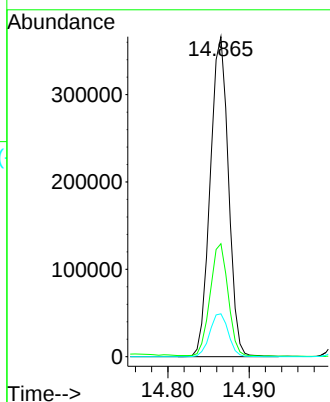
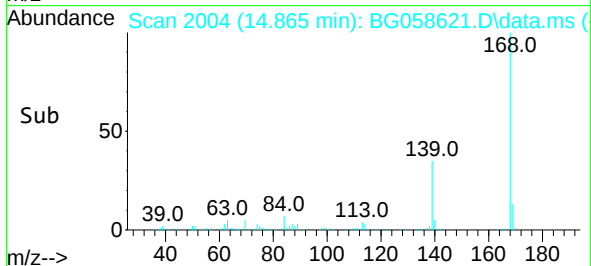


Tgt Ion:168 Resp: 570859
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.8
169 13.4 10.6 16.0

Manual Integrations

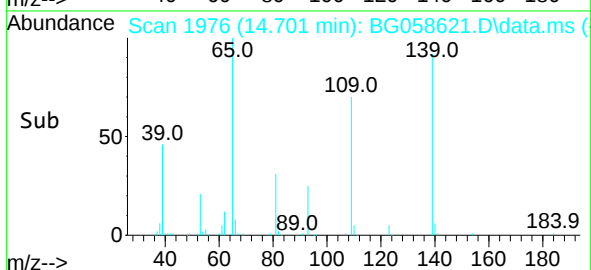
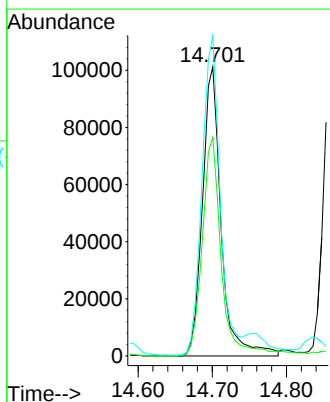
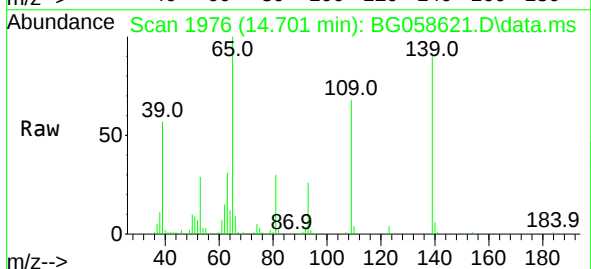
APPROVED

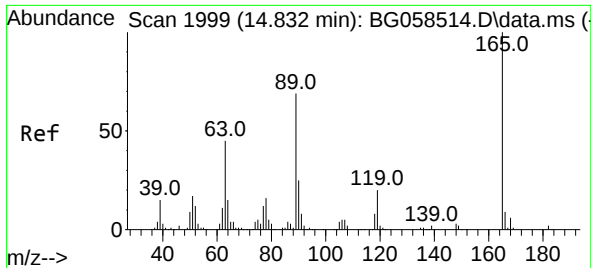
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#56
4-Nitrophenol
Concen: 104.216 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.016 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:139 Resp: 177882
Ion Ratio Lower Upper
139 100
109 75.6 52.5 92.5
65 110.7 90.5 130.5





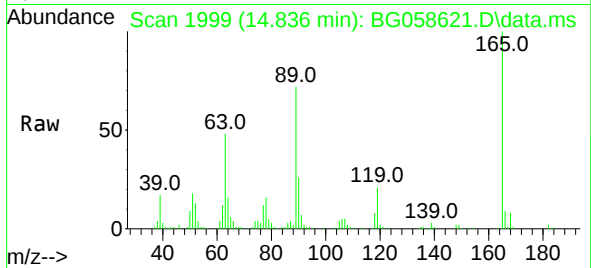
#57
2,4-Dinitrotoluene
Concen: 51.542 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

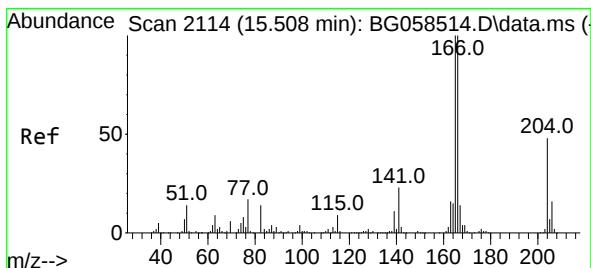
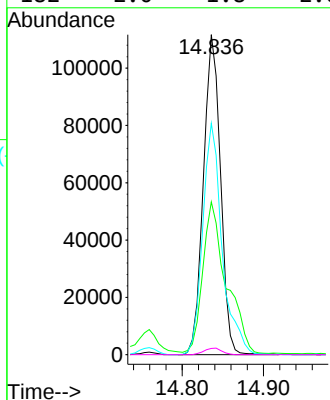
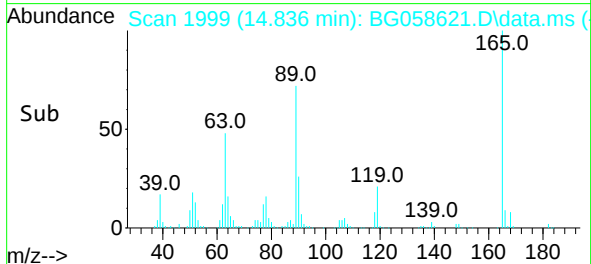


Tgt Ion:165 Resp: 162879
Ion Ratio Lower Upper
165 100
63 47.8 36.6 54.8
89 72.3 55.4 83.0
182 2.0 1.8 2.6

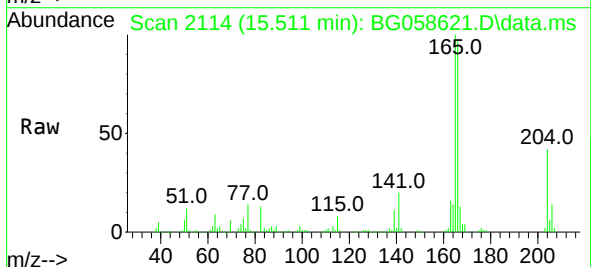
Manual Integrations

APPROVED

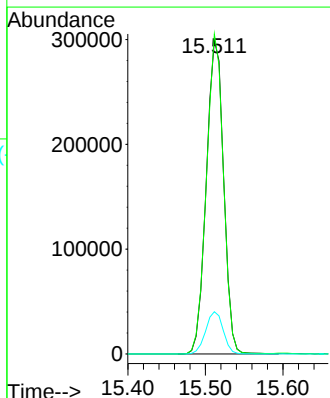
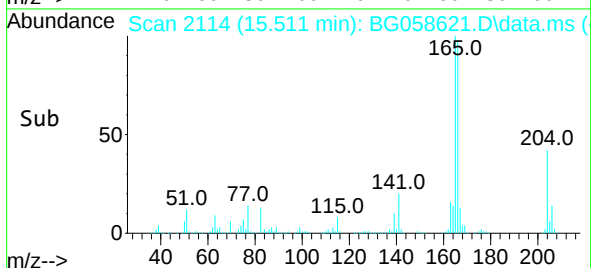
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

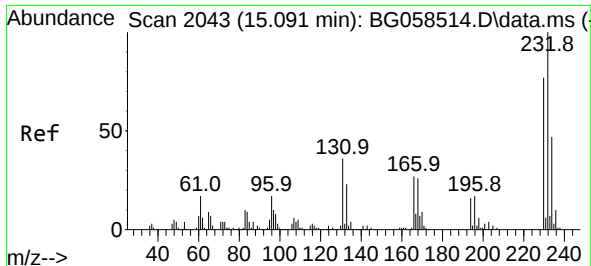


#58
Fluorene
Concen: 47.533 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:166 Resp: 464907
Ion Ratio Lower Upper
166 100
165 102.0 80.0 120.0
167 13.5 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.753 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

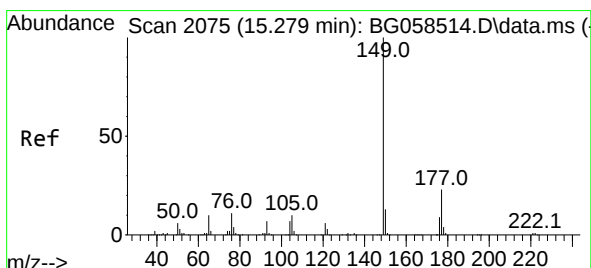
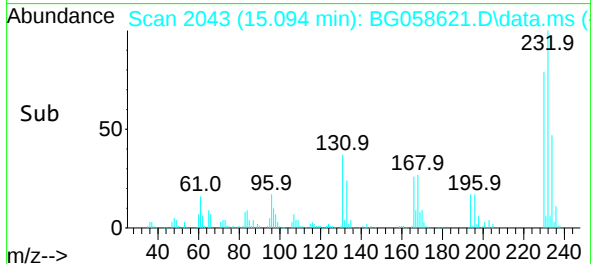
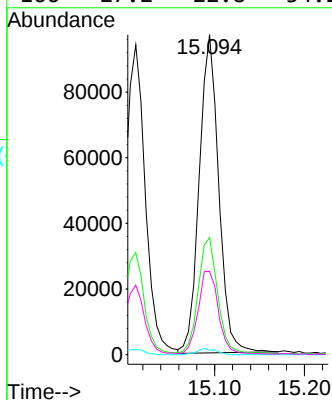
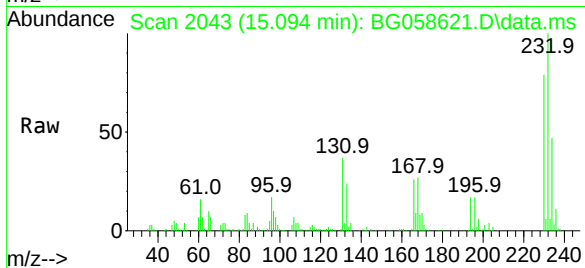
PB154429BS

Tgt Ion:232 Resp: 146059
Ion Ratio Lower Upper
232 100
131 37.2 30.0 45.0
130 1.9 1.5 2.3
166 27.2 22.8 34.2

Manual Integrations

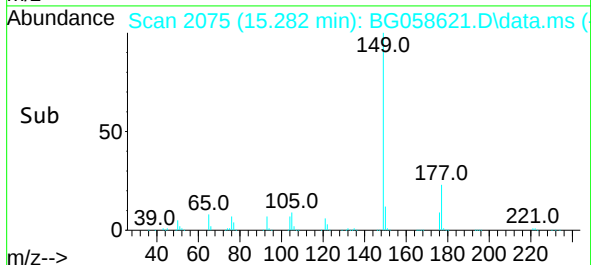
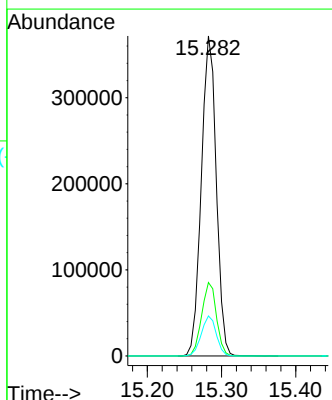
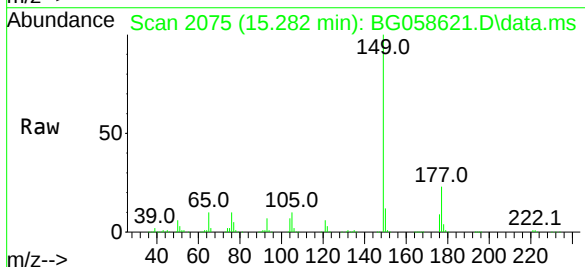
APPROVED

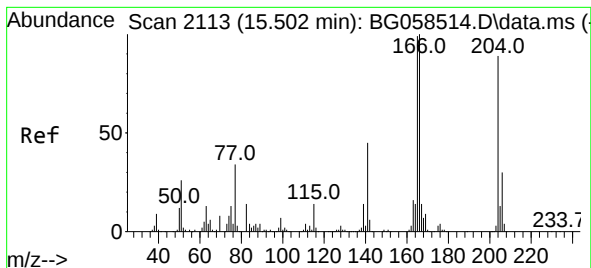
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#60
Diethylphthalate
Concen: 49.159 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:149 Resp: 520255
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.991 ng
RT: 15.506 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

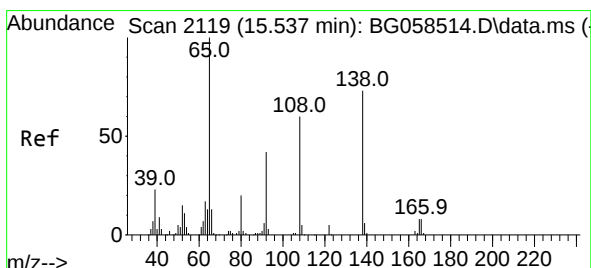
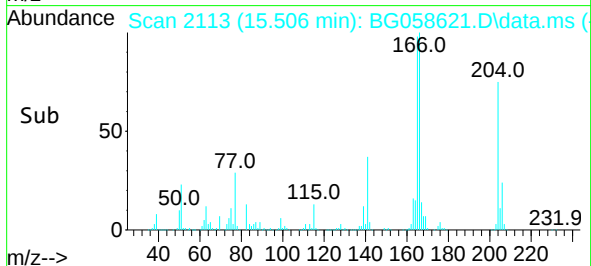
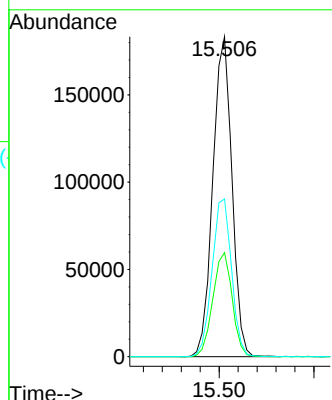
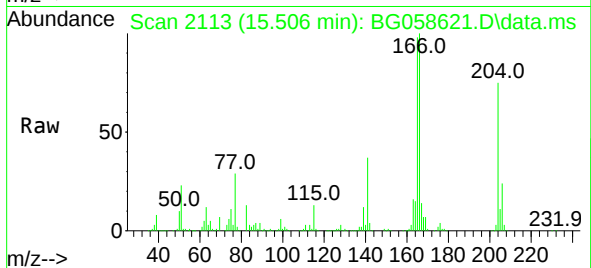
PB154429BS

Tgt Ion:204 Resp: 256238
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 49.3 40.8 61.2

Manual Integrations

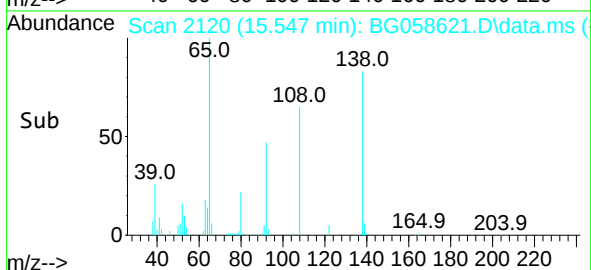
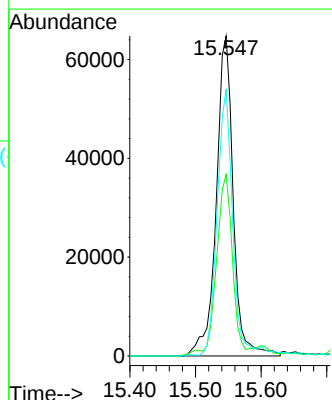
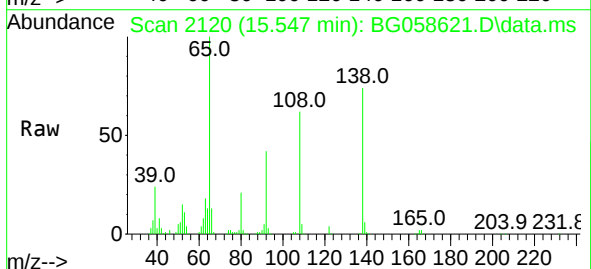
APPROVED

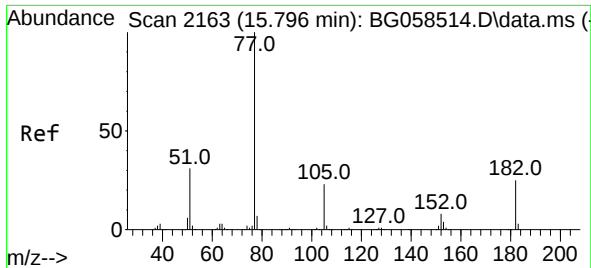
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#62
4-Nitroaniline
Concen: 53.859 ng
RT: 15.547 min Scan# 2120
Delta R.T. 0.009 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:138 Resp: 116353
Ion Ratio Lower Upper
138 100
92 56.7 37.3 77.3
108 83.5 62.6 102.6





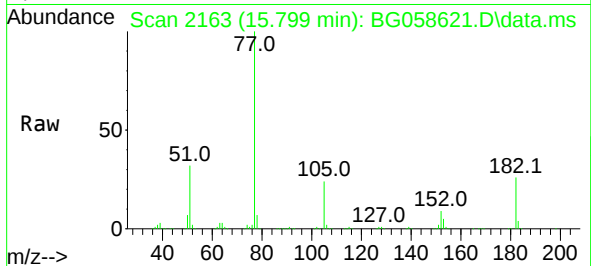
#63
Azobenzene
Concen: 47.583 ng
RT: 15.799 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

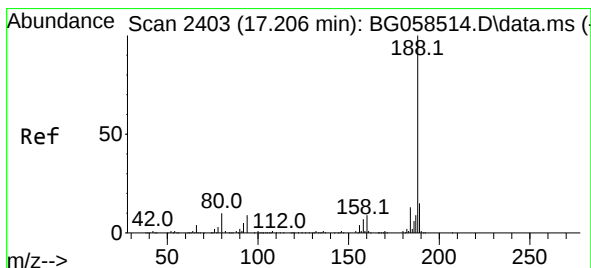
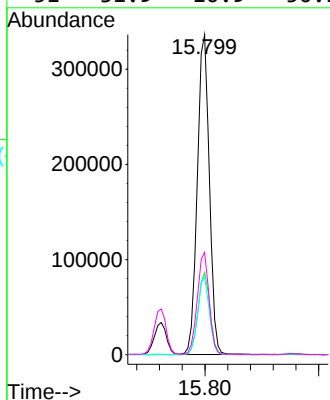
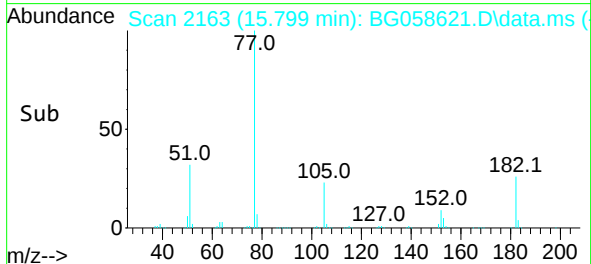


Tgt Ion: 77 Resp: 495999
Ion Ratio Lower Upper
77 100
182 25.7 4.6 44.6
105 24.4 3.3 43.3
51 31.9 10.9 50.9

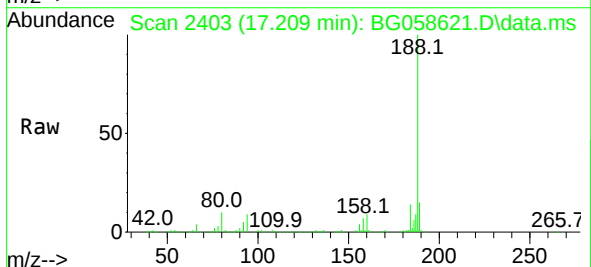
Manual Integrations

APPROVED

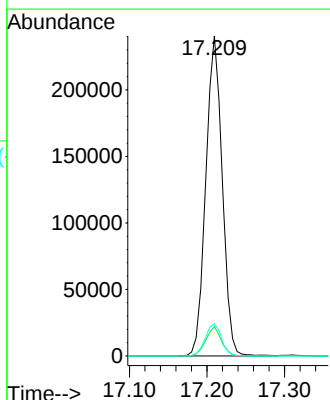
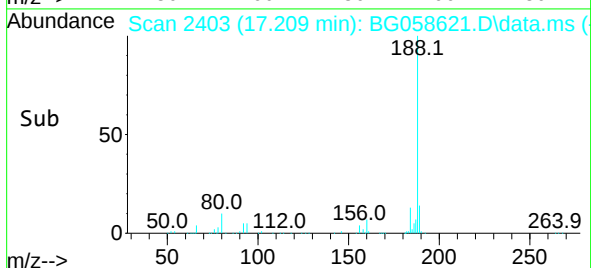
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

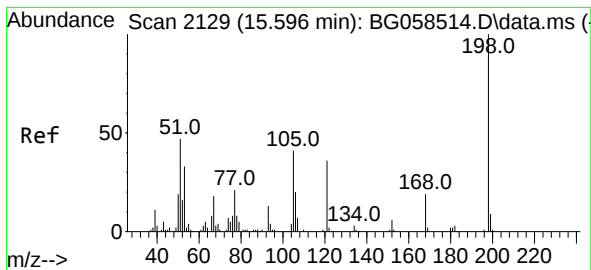


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:188 Resp: 354115
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.1 8.1 12.1





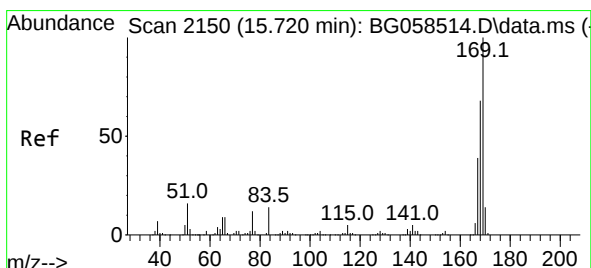
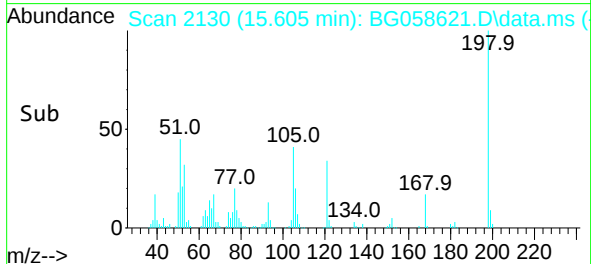
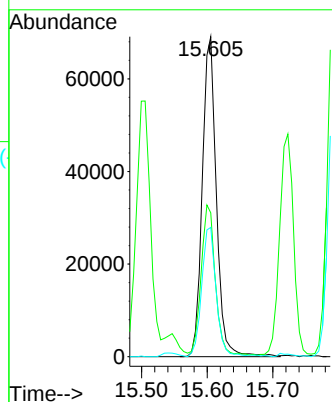
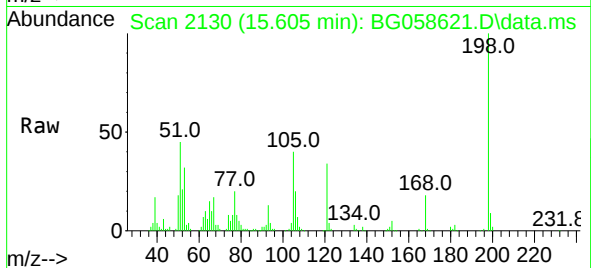
#65
4,6-Dinitro-2-methylphenol
Concen: 52.908 ng
RT: 15.605 min Scan# 2129
Delta R.T. 0.009 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :
BNA_G
ClientSampleId :
PB154429BS

Tgt Ion:198 Resp: 103305
Ion Ratio Lower Upper
198 100
51 45.0 29.3 69.3
105 40.4 21.0 61.0

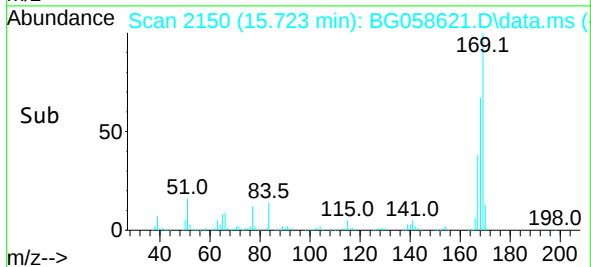
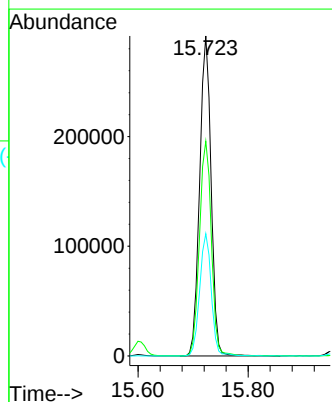
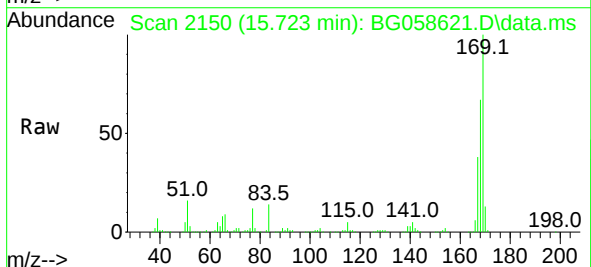
Manual Integrations
APPROVED

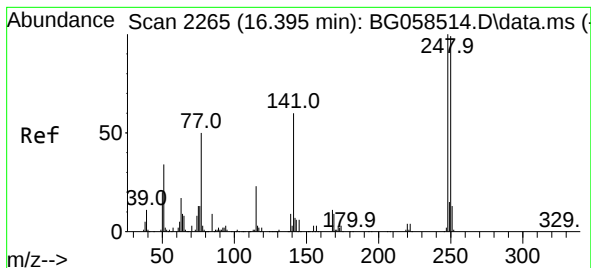
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#66
n-Nitrosodiphenylamine
Concen: 45.794 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:169 Resp: 422066
Ion Ratio Lower Upper
169 100
168 67.1 54.6 82.0
167 38.2 31.3 46.9





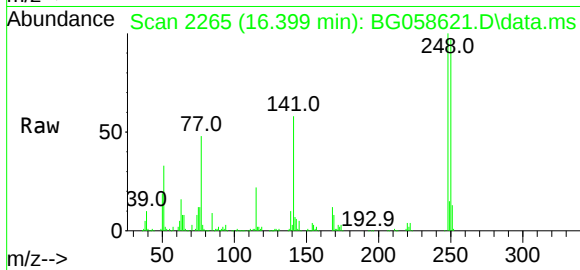
#67
4-Bromophenyl-phenylether
Concen: 44.858 ng
RT: 16.399 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

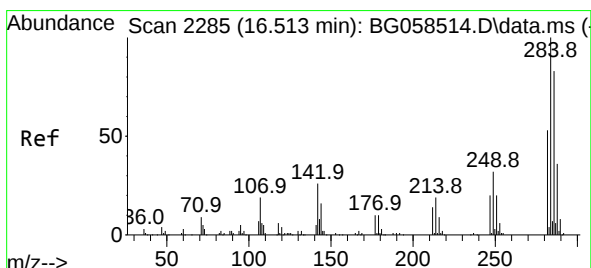
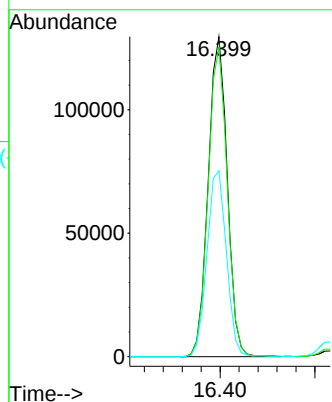
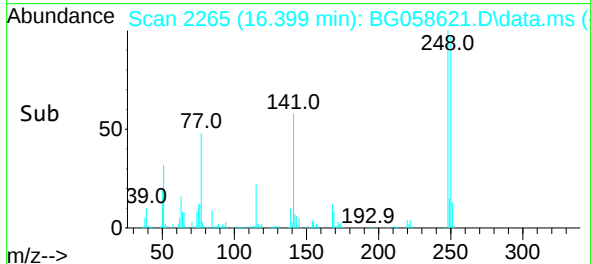


Tgt Ion:248 Resp: 180169
Ion Ratio Lower Upper
248 100
250 96.7 79.5 119.3
141 58.1 48.2 72.2

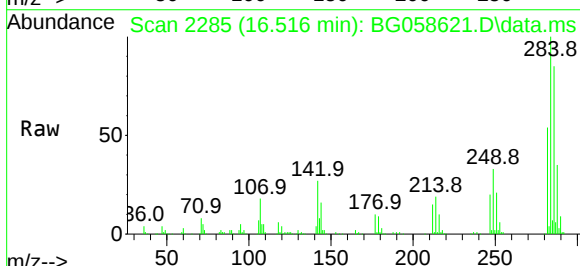
Manual Integrations

APPROVED

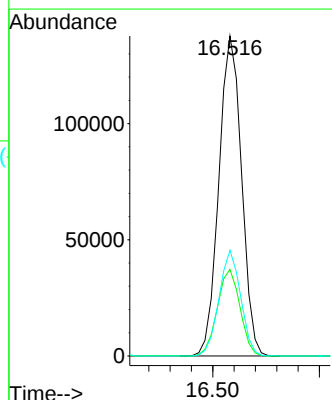
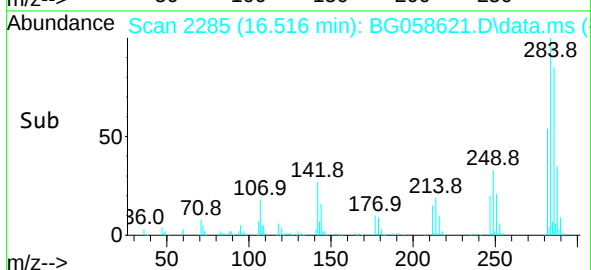
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

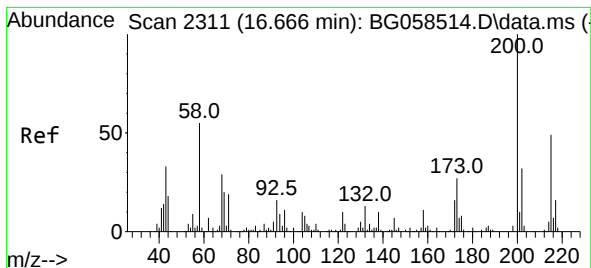


#68
Hexachlorobenzene
Concen: 47.727 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:284 Resp: 203129
Ion Ratio Lower Upper
284 100
142 27.1 21.0 31.4
249 33.1 25.5 38.3





#69

Atrazine

Concen: 57.815 ng

RT: 16.675 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

Tgt Ion:200 Resp: 17988

Ion Ratio Lower Upper

200 100

173 25.7 6.5 46.5

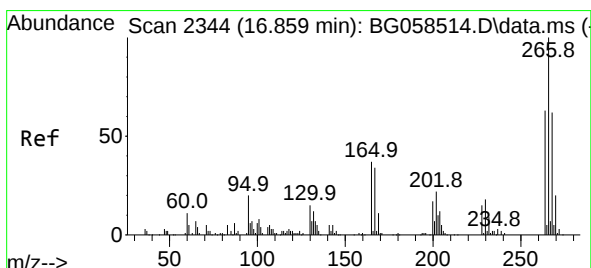
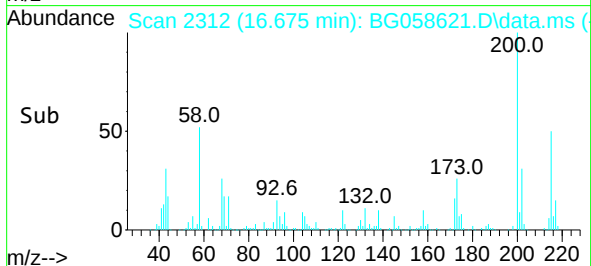
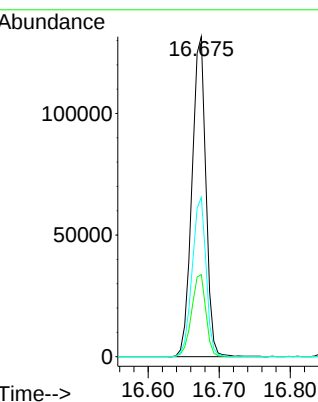
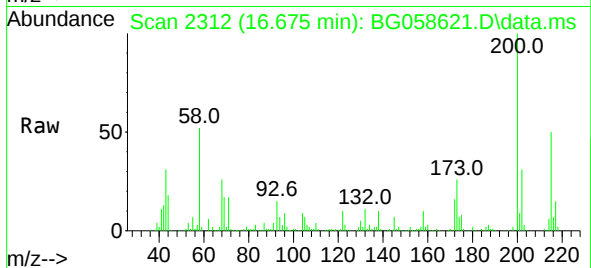
215 49.8 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#70

Pentachlorophenol

Concen: 85.379 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

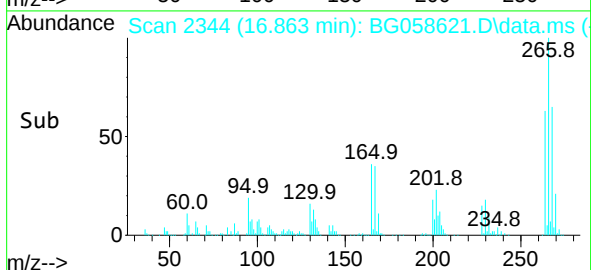
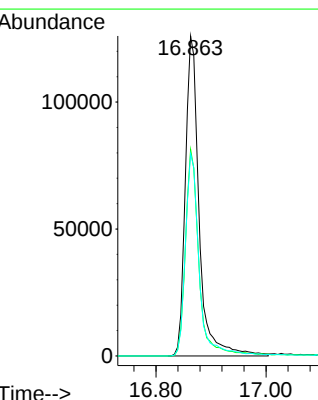
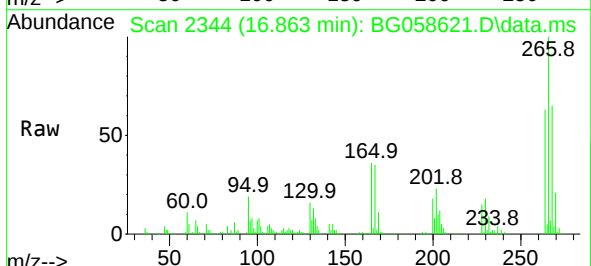
Tgt Ion:266 Resp: 219943

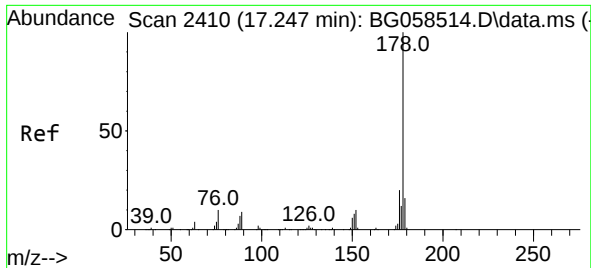
Ion Ratio Lower Upper

266 100

268 64.6 49.9 74.9

264 63.3 50.2 75.4





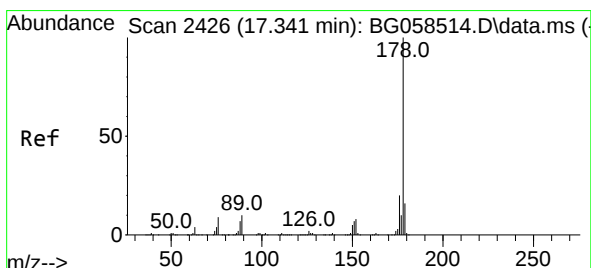
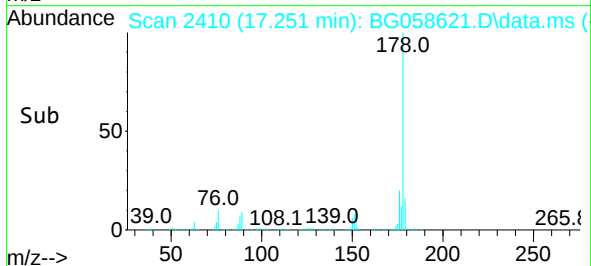
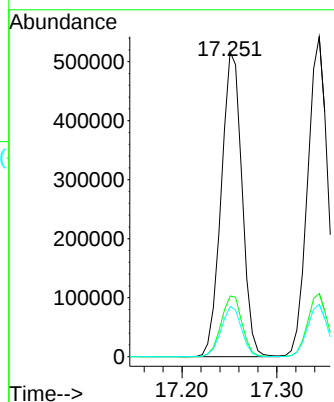
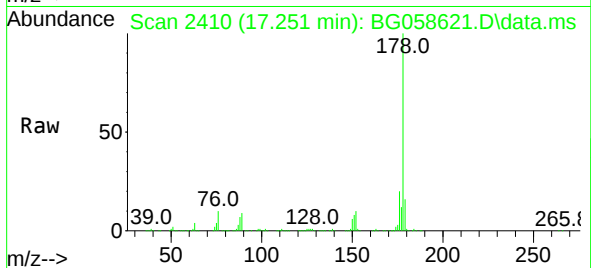
#71
Phenanthrene
Concen: 46.779 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :
BNA_G
ClientSampleId :
PB154429BS

Tgt Ion:178 Resp: 78559
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.4 13.1 19.7

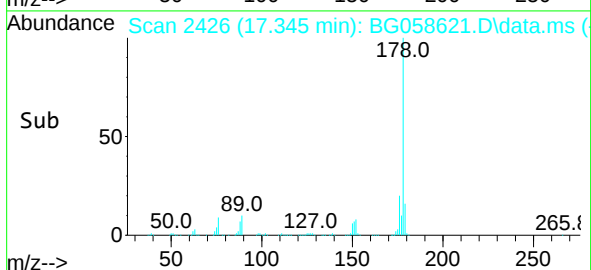
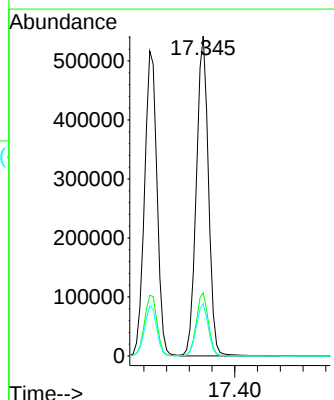
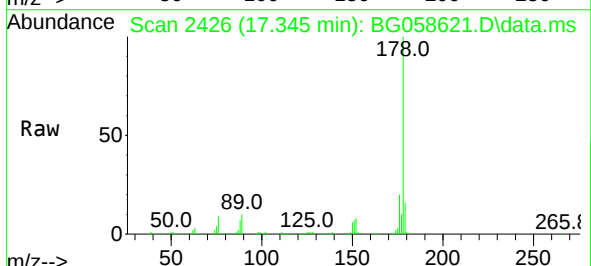
Manual Integrations
APPROVED

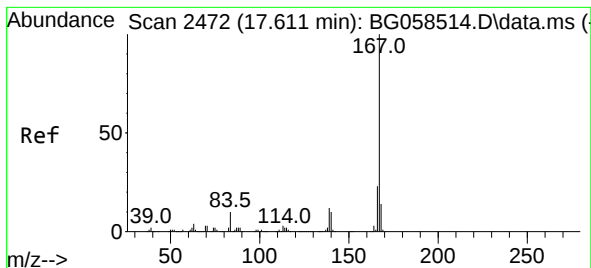
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#72
Anthracene
Concen: 46.573 ng
RT: 17.345 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:178 Resp: 802522
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.4 12.9 19.3





#73

Carbazole

Concen: 50.593 ng

RT: 17.615 min Scan# 2472

Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

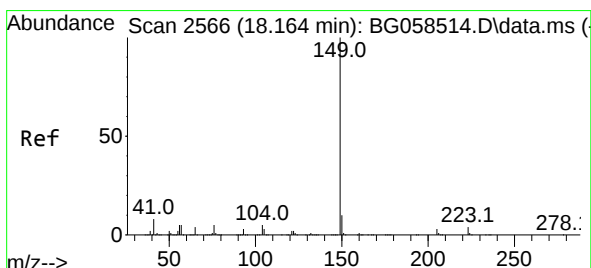
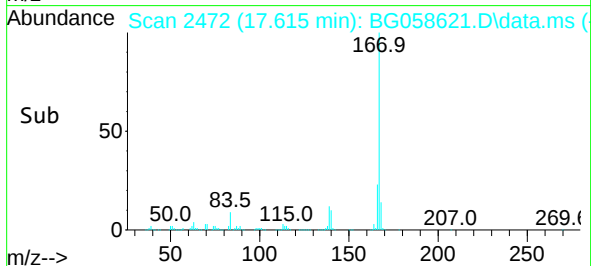
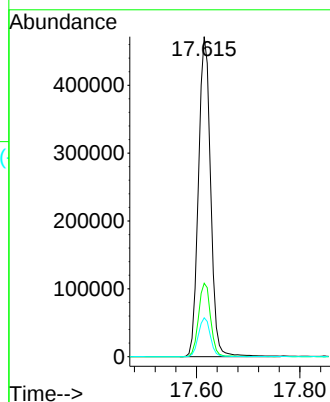
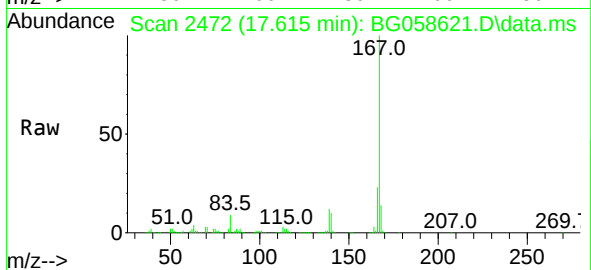
PB154429BS

Tgt Ion:167 Resp: 768785
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.2 10.0 15.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023



#74

Di-n-butylphthalate

Concen: 50.011 ng

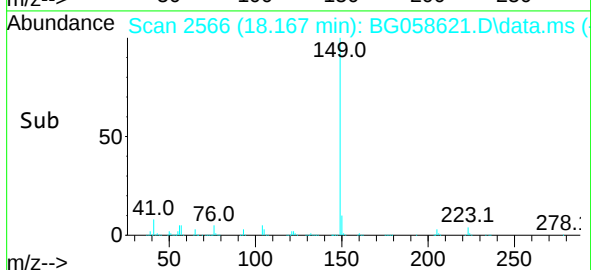
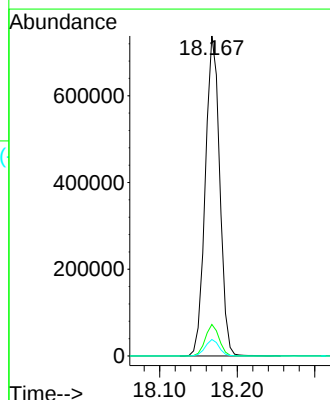
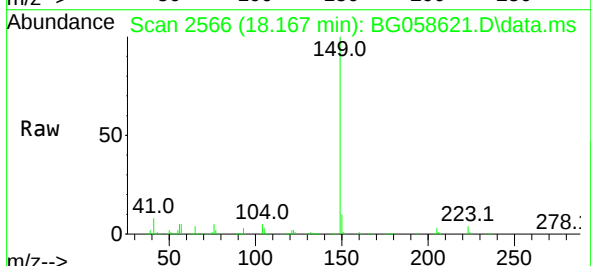
RT: 18.167 min Scan# 2566

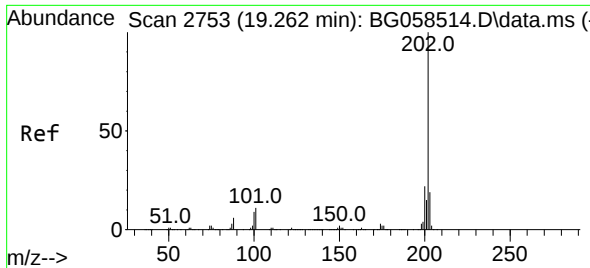
Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

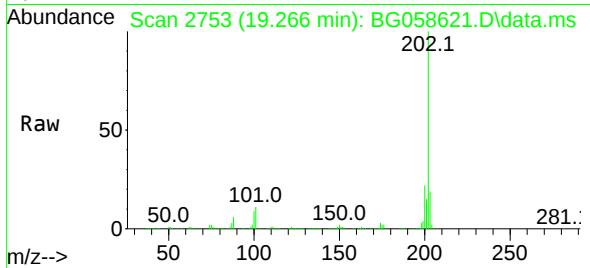
Tgt Ion:149 Resp: 951864
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 49.282 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

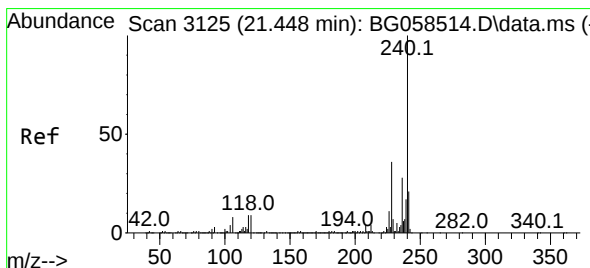
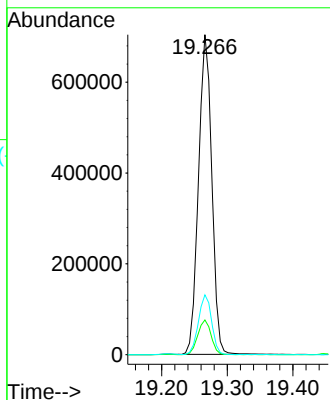
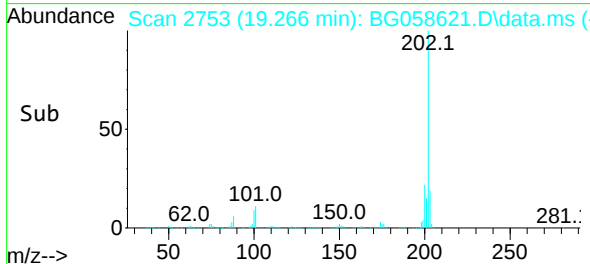
Instrument :
BNA_G
ClientSampleId :
PB154429BS



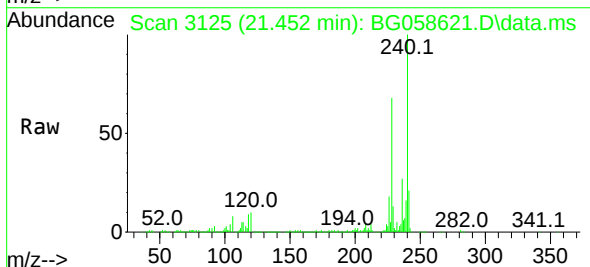
Tgt Ion:202 Resp: 99416
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.7 0.0 39.0

Manual Integrations
APPROVED

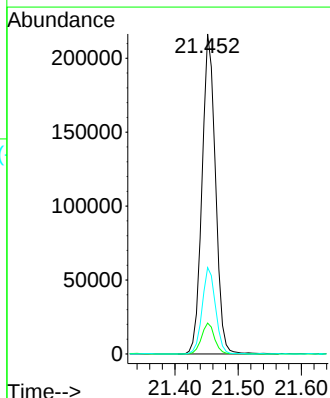
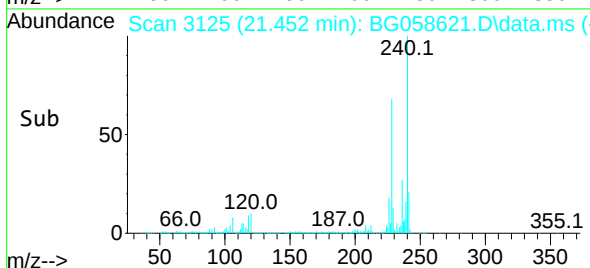
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

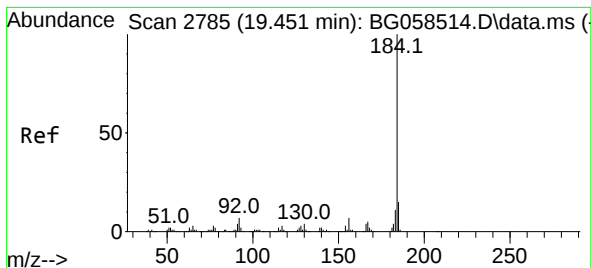


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:240 Resp: 319460
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.0 22.2 33.4





#77

Benzidine

Concen: 90.941 ng

RT: 19.454 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

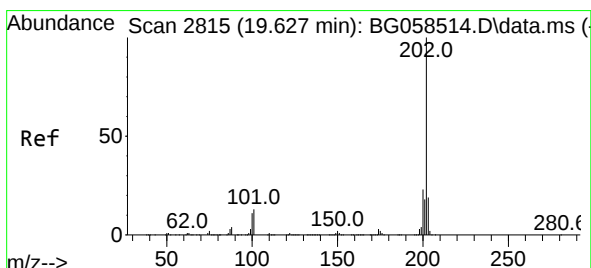
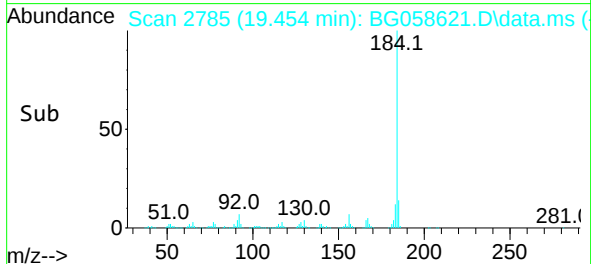
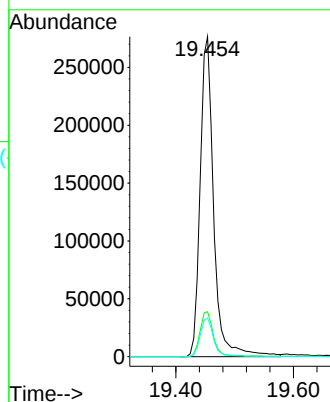
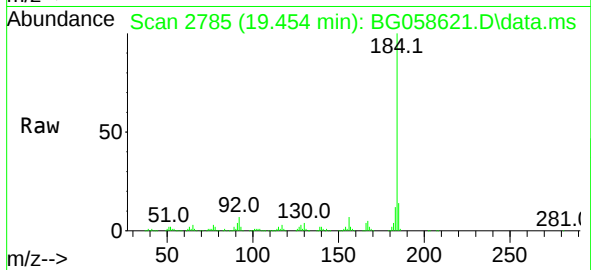
PB154429BS

Tgt Ion:184 Resp: 44054
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.9 17.9
 183 12.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023



#78

Pyrene

Concen: 46.608 ng

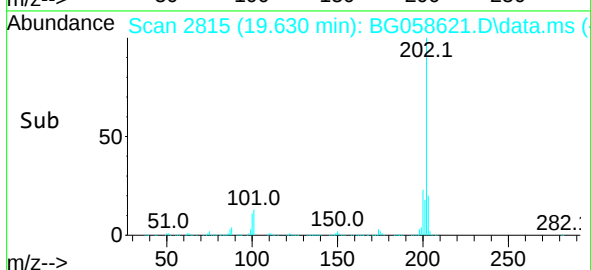
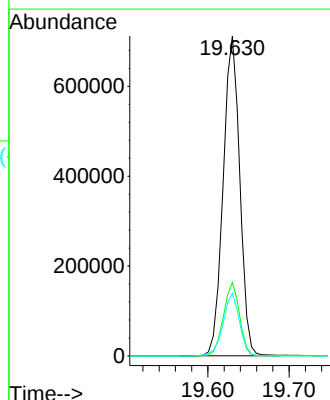
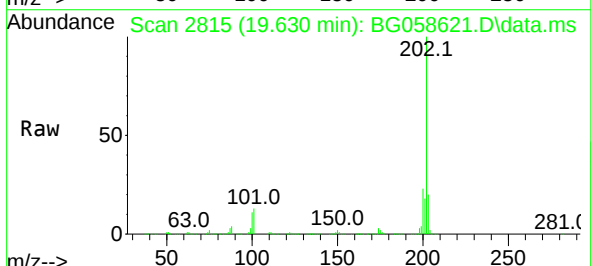
RT: 19.630 min Scan# 2815

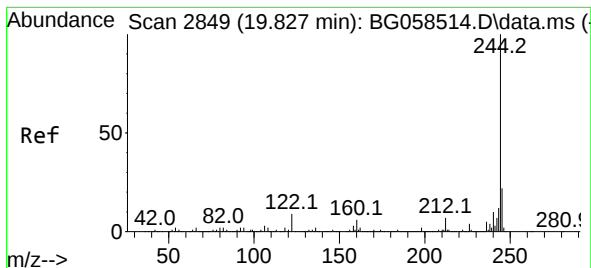
Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Tgt Ion:202 Resp: 1013301
 Ion Ratio Lower Upper
 202 100
 200 22.9 18.2 27.2
 203 19.6 15.1 22.7





#79

Terphenyl-d14

Concen: 94.711 ng

RT: 19.830 min Scan# 2849

Delta R.T. 0.003 min

Lab File: BG058621.D

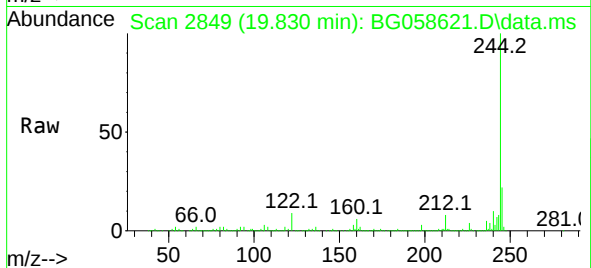
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS



Tgt Ion:244 Resp: 160893

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

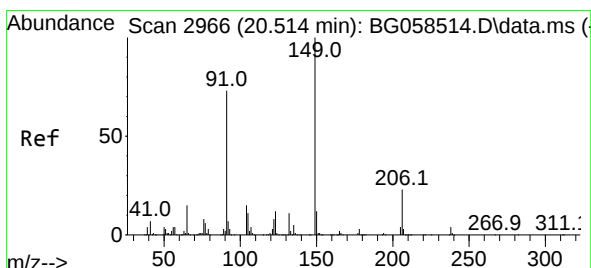
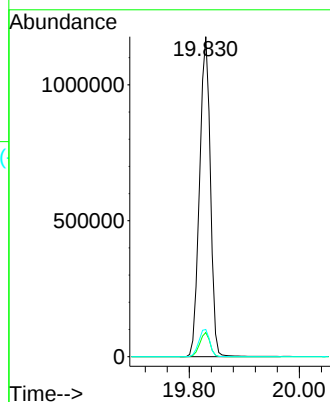
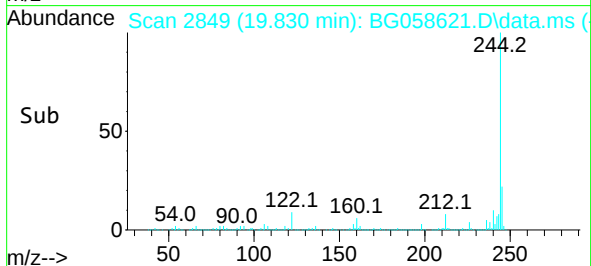
122 8.5 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#80

Butylbenzylphthalate

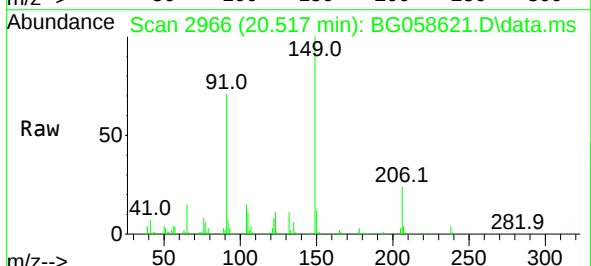
Concen: 48.157 ng

RT: 20.517 min Scan# 2966

Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49



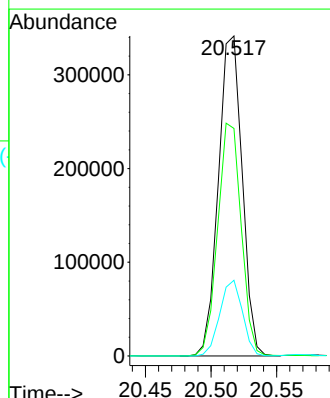
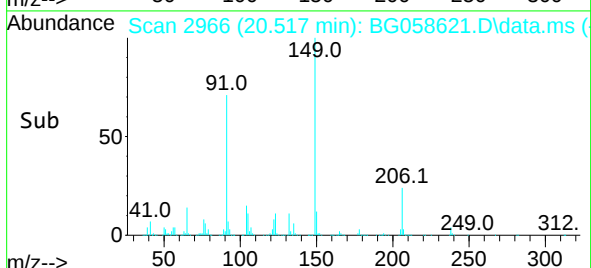
Tgt Ion:149 Resp: 430062

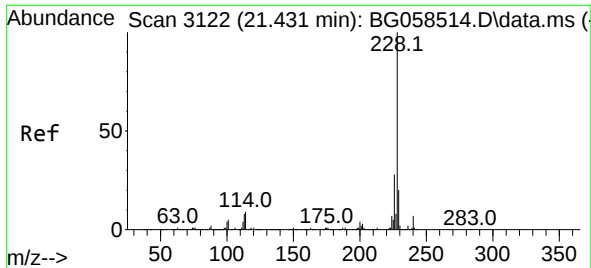
Ion Ratio Lower Upper

149 100

91 71.1 58.4 87.6

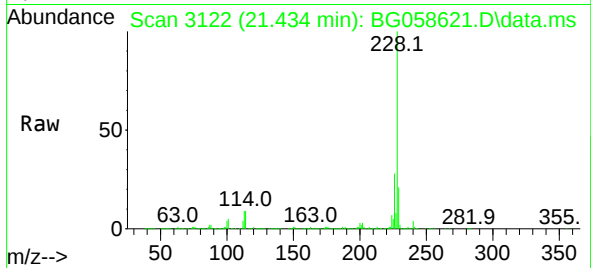
206 23.7 18.3 27.5





#81
Benzo(a)anthracene
Concen: 47.664 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

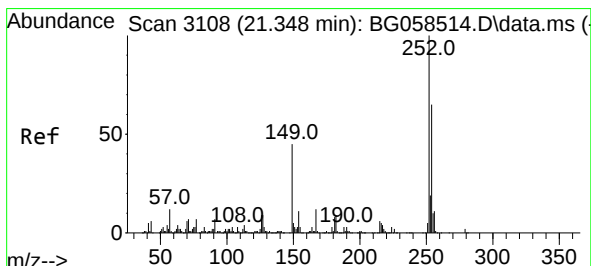
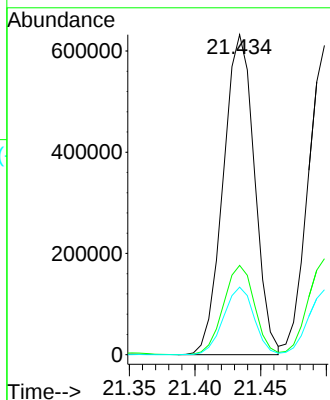
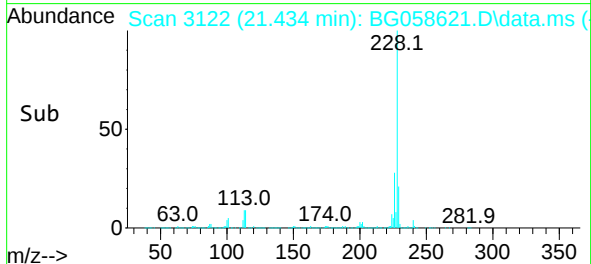
Instrument :
BNA_G
ClientSampleId :
PB154429BS



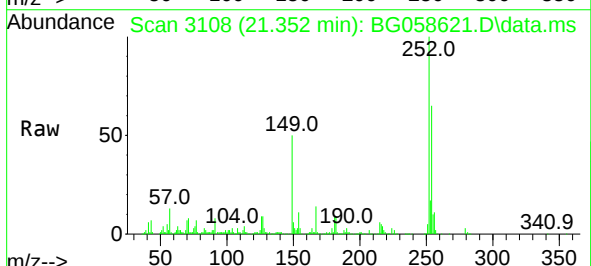
Tgt Ion:228 Resp: 104788
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 21.1 16.3 24.5

Manual Integrations
APPROVED

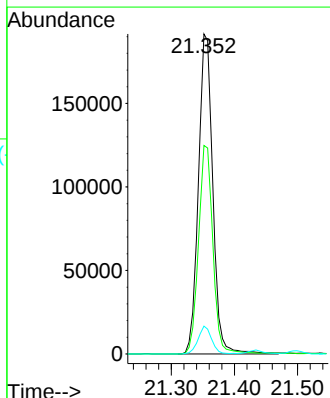
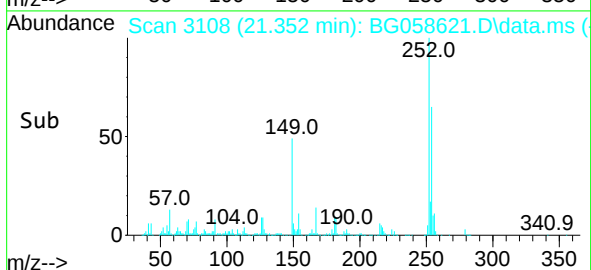
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023

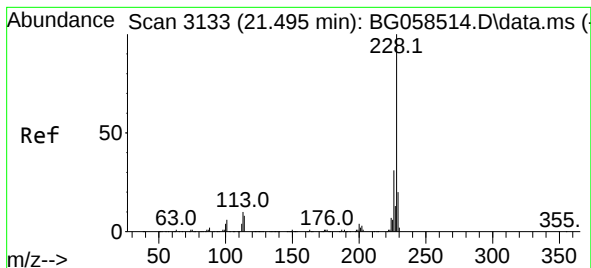


#82
3,3'-Dichlorobenzidine
Concen: 40.887 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:252 Resp: 303922
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.4
126 8.7 7.2 10.8





#83

Chrysene

Concen: 46.100 ng

RT: 21.499 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058621.D

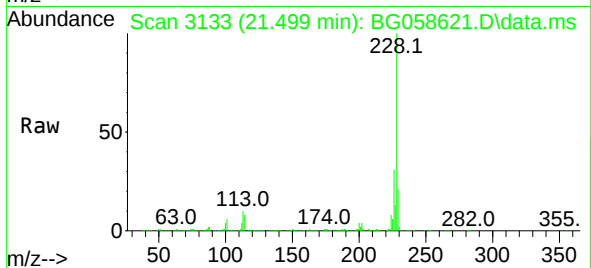
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS



Tgt Ion:228 Resp: 971730

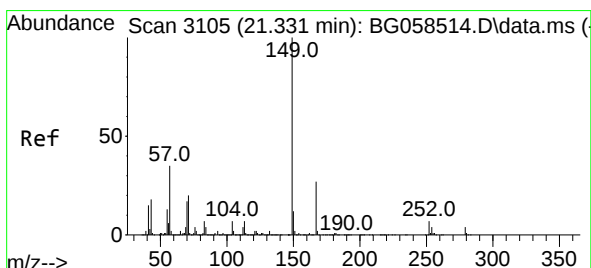
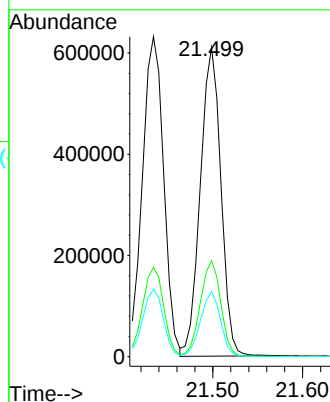
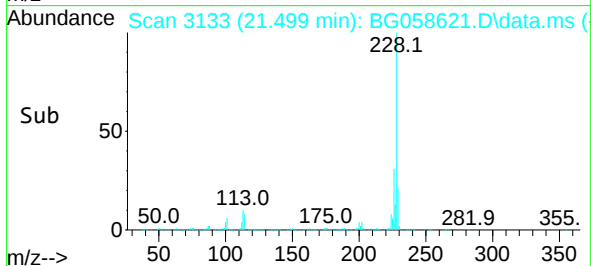
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.0	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.536 ng

RT: 21.334 min Scan# 3105

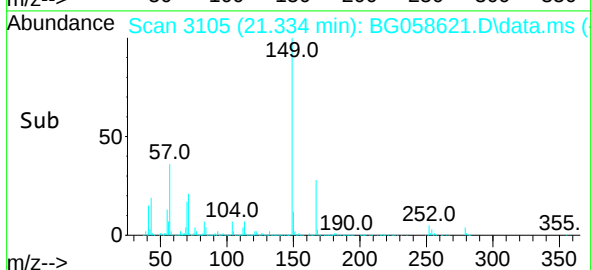
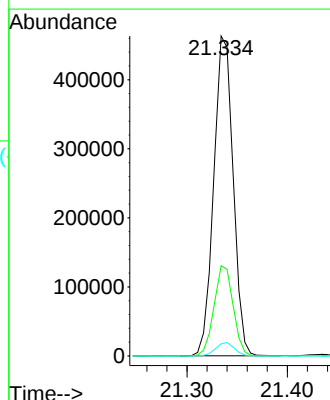
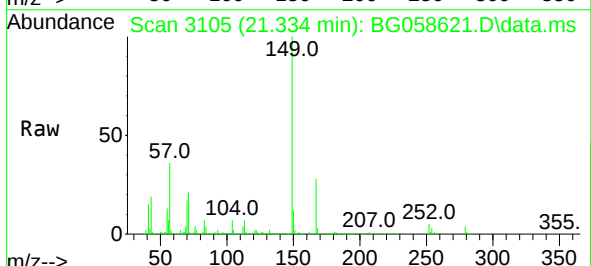
Delta R.T. 0.003 min

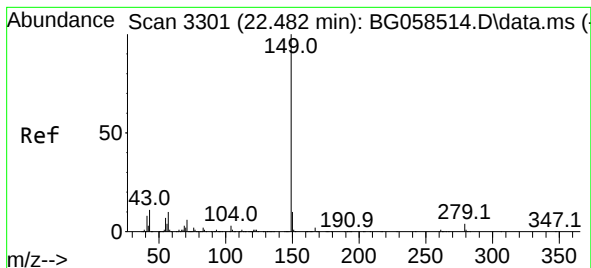
Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Tgt Ion:149 Resp: 620352

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	3.8	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 48.145 ng

RT: 22.486 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

Tgt Ion:149 Resp: 1104638

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

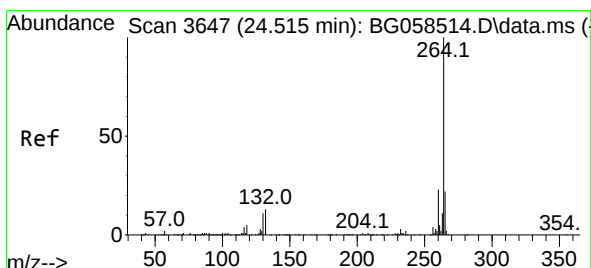
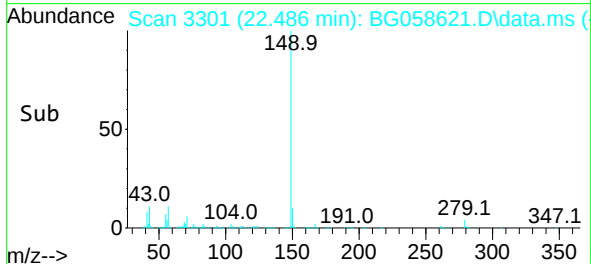
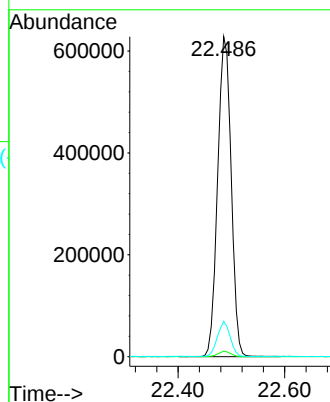
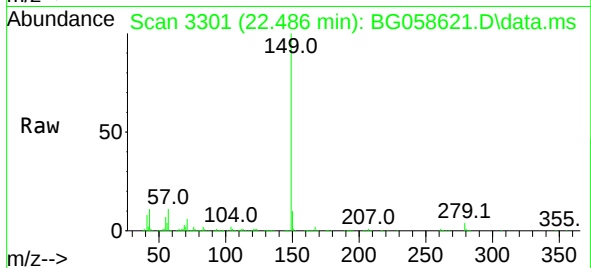
43 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.524 min Scan# 3648

Delta R.T. 0.009 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

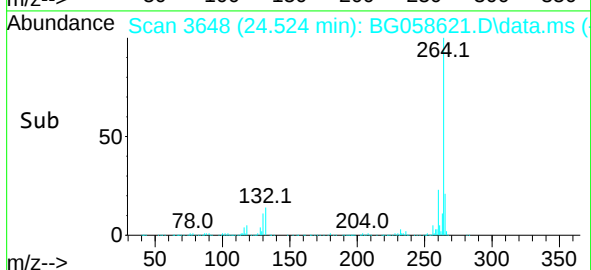
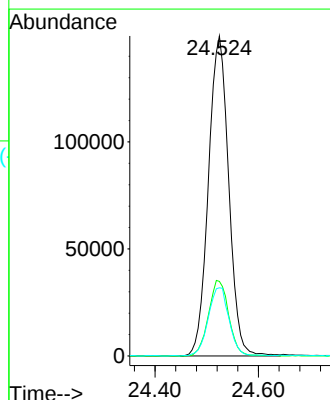
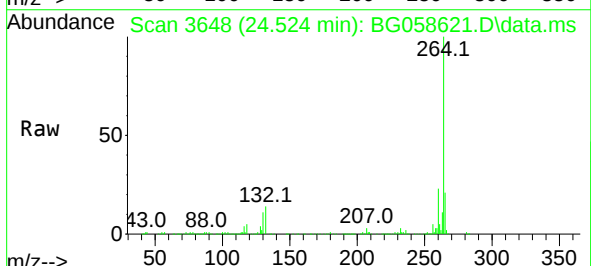
Tgt Ion:264 Resp: 406600

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.691 ng

RT: 28.032 min Scan# 41

Delta R.T. 0.021 min

Lab File: BG058621.D

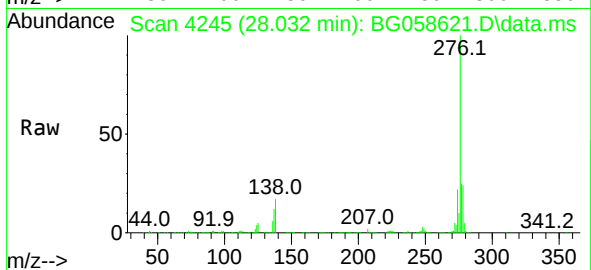
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS



Tgt Ion:276 Resp: 1317074

Ion Ratio Lower Upper

276 100

138 20.2 16.0 24.0

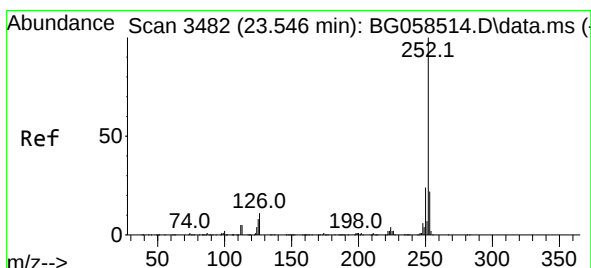
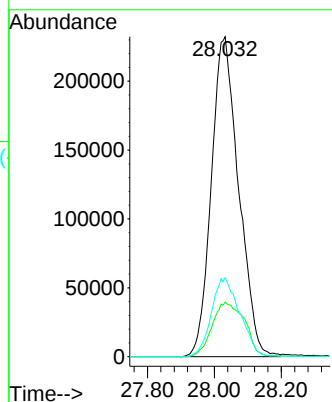
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/08/2023



#88

Benzo(b)fluoranthene

Concen: 50.082 ng

RT: 23.549 min Scan# 3482

Delta R.T. 0.003 min

Lab File: BG058621.D

Acq: 7 Aug 2023 10:49

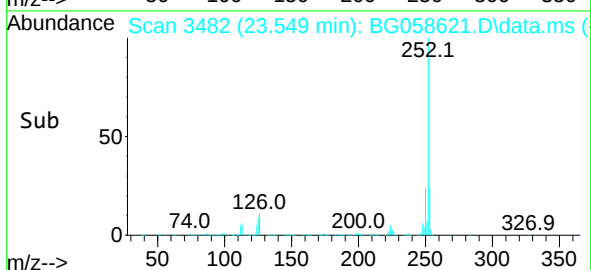
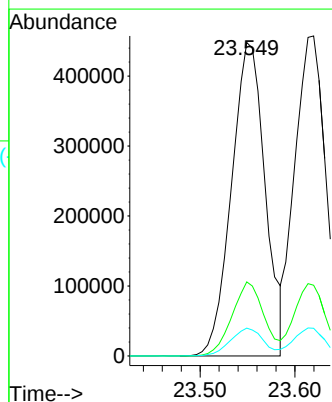
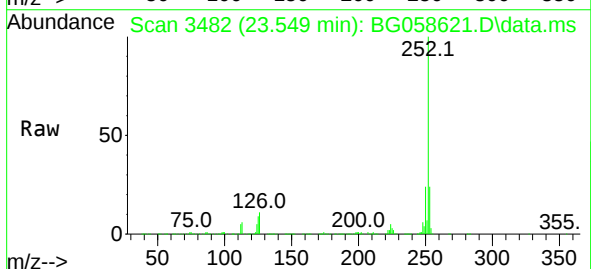
Tgt Ion:252 Resp: 1104460

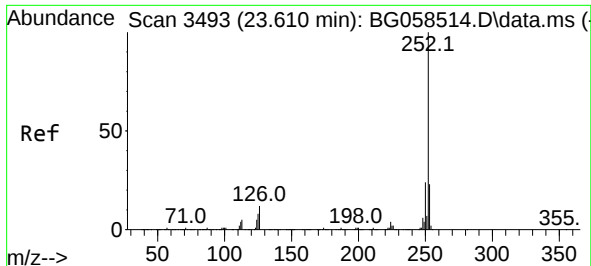
Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 8.9 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 47.233 ng
RT: 23.620 min Scan# 3493
Delta R.T. 0.009 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

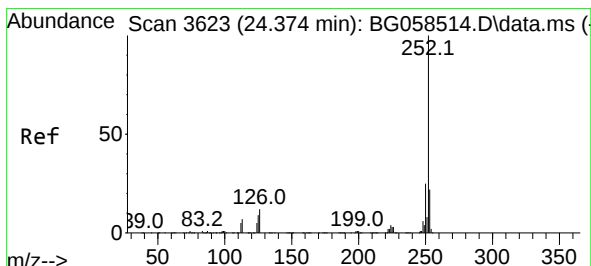
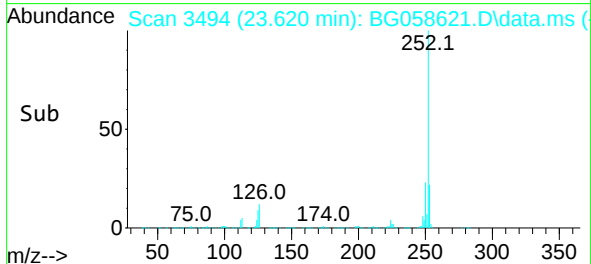
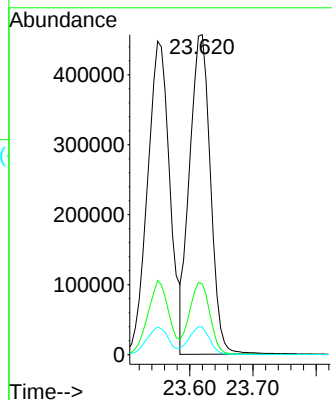
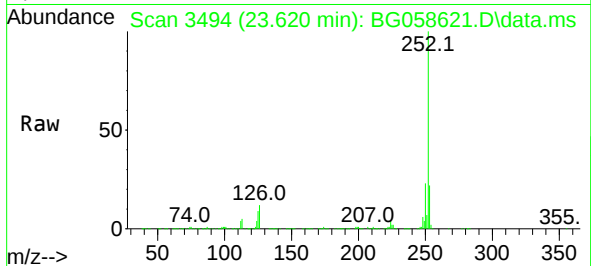
PB154429BS

Tgt Ion:252 Resp: 104641
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.7 6.6 10.0

Manual Integrations

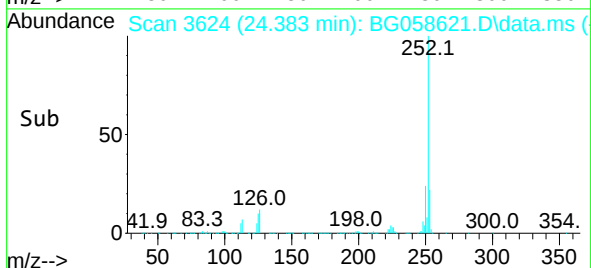
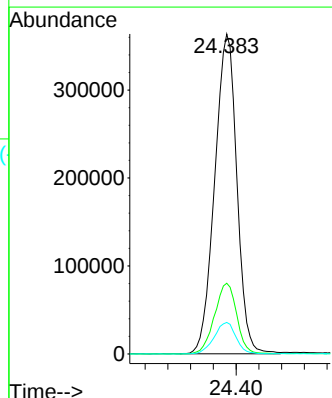
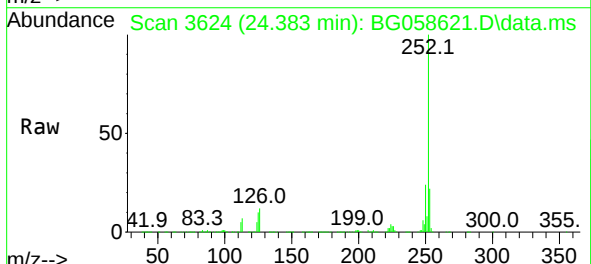
APPROVED

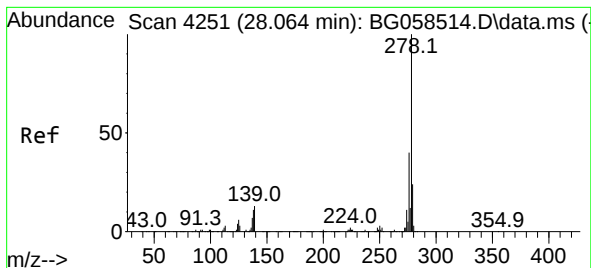
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#90
Benzo(a)pyrene
Concen: 45.407 ng
RT: 24.383 min Scan# 3624
Delta R.T. 0.009 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Tgt Ion:252 Resp: 983408
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.9 7.4 11.2





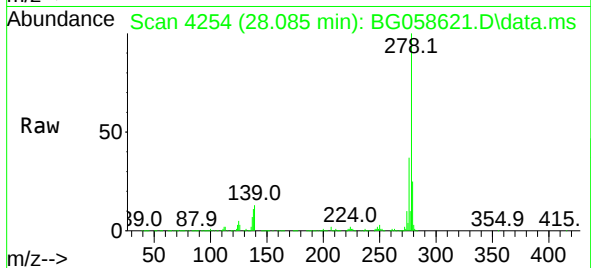
#91
Dibenzo(a,h)anthracene
Concen: 49.150 ng
RT: 28.085 min Scan# 41
Delta R.T. 0.021 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB154429BS

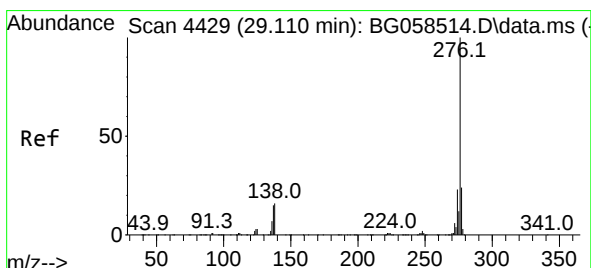
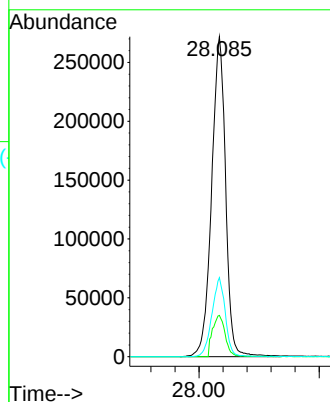
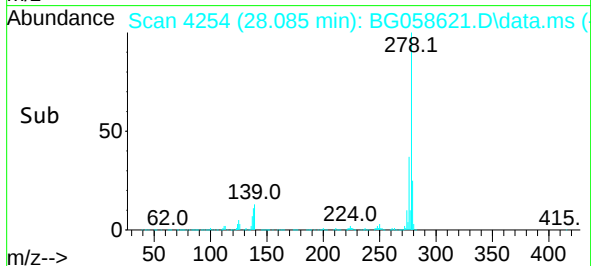


Tgt Ion:278 Resp: 109930
Ion Ratio Lower Upper
278 100
139 12.9 10.4 15.6
279 24.7 19.0 28.6

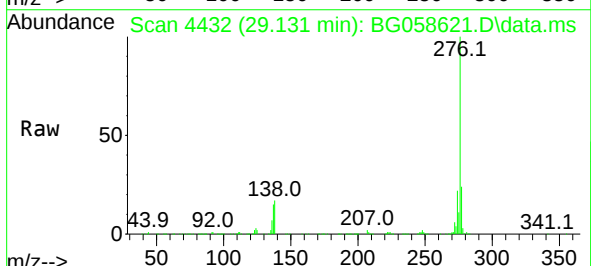
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/08/2023



#92
Benzo(g,h,i)perylene
Concen: 48.276 ng
RT: 29.131 min Scan# 4432
Delta R.T. 0.021 min
Lab File: BG058621.D
Acq: 7 Aug 2023 10:49



Tgt Ion:276 Resp: 1082736
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 17.3 13.0 19.4

