

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058837.D
 Acq On : 24 Aug 2023 13:54
 Operator : MA/JU
 Sample : 04090-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-IMSD

Quant Time: Aug 25 04:08:58 2023
 Quant Title :
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	18095	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	75605	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	55989	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	141333	20.000	ng	0.00
76) Chrysene-d12	21.448	240	118926	20.000	ng	0.00
86) Perylene-d12	24.509	264	150279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	151848	135.044	ng	0.00
7) Phenol-d6	6.983	99	196935	124.833	ng	0.00
23) Nitrobenzene-d5	8.969	82	139320	88.594	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	125686	143.167	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	329561	85.612	ng	0.00
79) Terphenyl-d14	19.821	244	651141	98.312	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	20099	38.020	ng	# 41
3) Pyridine	3.675	79	50891	36.429	ng	94
4) n-Nitrosodimethylamine	3.587	42	34964	46.037	ng	100
6) Aniline	7.136	93	46668	24.199	ng	99
8) 2-Chlorophenol	7.371	128	59461	52.300	ng	98
9) Benzaldehyde	6.948	77	22997m	25.988	ng	
10) Phenol	7.012	94	72187	47.453	ng	98
11) bis(2-Chloroethyl)ether	7.230	93	55628	46.864	ng	99
12) 1,3-Dichlorobenzene	7.694	146	57840	47.895	ng	97
13) 1,4-Dichlorobenzene	7.841	146	58538	47.935	ng	98
14) 1,2-Dichlorobenzene	8.158	146	56896	48.204	ng	97
15) Benzyl Alcohol	8.052	79	61063	54.137	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	124536m	49.230	ng	
17) 2-Methylphenol	8.258	107	54611	48.877	ng	97
18) Hexachloroethane	8.881	117	21272	47.809	ng	99
19) n-Nitroso-di-n-propyla...	8.616	70	48155	47.221	ng	99
20) 3+4-Methylphenols	8.587	107	74487	49.587	ng	96
22) Acetophenone	8.628	105	96950	47.371	ng	98
24) Nitrobenzene	9.016	77	71714	45.851	ng	99
25) Isophorone	9.533	82	143154	45.776	ng	100
26) 2-Nitrophenol	9.727	139	32927	50.337	ng	94
27) 2,4-Dimethylphenol	9.785	122	56835	51.267	ng	99
28) bis(2-Chloroethoxy)met...	10.015	93	78635	47.470	ng	98
29) 2,4-Dichlorophenol	10.267	162	60911	53.469	ng	94
30) 1,2,4-Trichlorobenzene	10.473	180	66045	48.010	ng	97
31) Naphthalene	10.655	128	182675	46.017	ng	99
32) Benzoic acid	9.962	122	6656m	14.358	ng	
33) 4-Chloroaniline	10.784	127	11610	6.935	ng	98
34) Hexachlorobutadiene	10.937	225	43749	47.121	ng	97
35) Caprolactam	11.560	113	19315m	47.316	ng	
36) 4-Chloro-3-methylphenol	11.912	107	77112	54.431	ng	99
37) 2-Methylnaphthalene	12.271	142	130725	45.850	ng	98
38) 1-Methylnaphthalene	12.494	142	127401	47.073	ng	96
40) 1,2,4,5-Tetrachloroben...	12.641	216	78350	45.392	ng	100
41) Hexachlorocyclopentadiene	12.617	237	57247	83.834	ng	97
43) 2,4,6-Trichlorophenol	12.888	196	58095	52.895	ng	99
44) 2,4,5-Trichlorophenol	12.970	196	63503	48.284	ng	95

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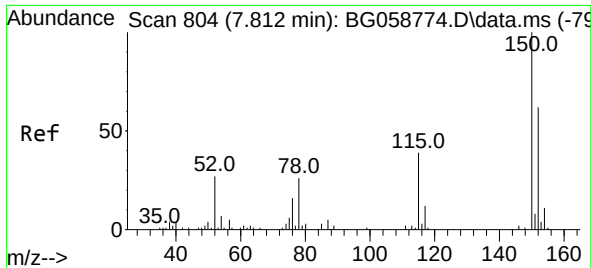
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.287	154	179587	46.562	ng	97
47) 2-Chloronaphthalene	13.328	162	144819	48.181	ng	98
48) 2-Nitroaniline	13.540	65	56004	49.059	ng	98
49) Acenaphthylene	14.174	152	242850	48.721	ng	99
50) Dimethylphthalate	13.916	163	210105	48.466	ng	100
51) 2,6-Dinitrotoluene	14.039	165	46011	50.520	ng	96
52) Acenaphthene	14.521	154	138149	47.428	ng	97
53) 3-Nitroaniline	14.374	138	18914	21.532	ng	# 94
54) 2,4-Dinitrophenol	14.592	184	25020	51.808	ng	96
55) Dibenzofuran	14.856	168	240784	47.921	ng	98
56) 4-Nitrophenol	14.691	139	60317	94.087	ng	95
57) 2,4-Dinitrotoluene	14.832	165	67365	53.031	ng	97
58) Fluorene	15.502	166	197784	49.461	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.085	232	59963	55.871	ng	97
60) Diethylphthalate	15.273	149	215155	48.137	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	108304	48.865	ng	97
62) 4-Nitroaniline	15.537	138	45893	51.483	ng	94
63) Azobenzene	15.790	77	196434	47.862	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	27808	34.809	ng	98
66) n-Nitrosodiphenylamine	15.714	169	173182	47.542	ng	97
67) 4-Bromophenyl-phenylether	16.389	248	74612	48.108	ng	97
68) Hexachlorobenzene	16.507	284	84123	50.397	ng	98
69) Atrazine	16.666	200	75169	58.309	ng	93
70) Pentachlorophenol	16.859	266	59881	68.414	ng	99
71) Phenanthrene	17.241	178	328355	48.394	ng	99
72) Anthracene	17.335	178	332563	48.870	ng	99
73) Carbazole	17.612	167	310056	49.755	ng	99
74) Di-n-butylphthalate	18.158	149	390804	49.714	ng	100
75) Fluoranthene	19.263	202	405581	48.203	ng	98
77) Benzidine	19.451	184	54149	25.406	ng	98
78) Pyrene	19.621	202	417975	50.441	ng	99
80) Butylbenzylphthalate	20.508	149	171442	51.014	ng	98
81) Benzo(a)anthracene	21.425	228	412784	49.863	ng	98
82) 3,3'-Dichlorobenzidine	21.348	252	78615	27.506	ng	99
83) Chrysene	21.489	228	380567	47.694	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	248660	50.448	ng	99
85) Di-n-octyl phthalate	22.476	149	428539	50.548	ng	99
87) Indeno(1,2,3-cd)pyrene	28.023	276	509364	50.098	ng	98
88) Benzo(b)fluoranthene	23.546	252	437227	52.436	ng	97
89) Benzo(k)fluoranthene	23.605	252	411147	47.812	ng	99
90) Benzo(a)pyrene	24.374	252	382103	46.540	ng	100
91) Dibenzo(a,h)anthracene	28.070	278	422171	50.531	ng	99
92) Benzo(g,h,i)perylene	29.116	276	408195	48.867	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

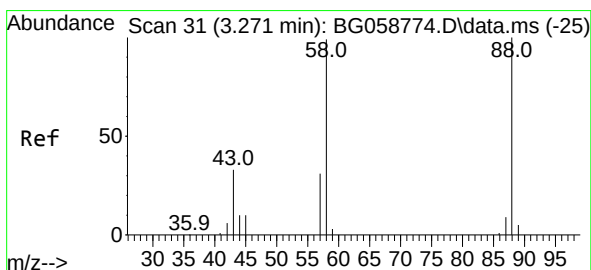
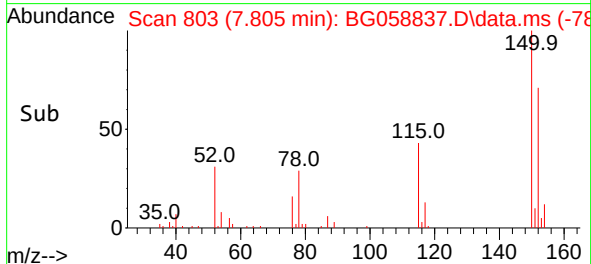
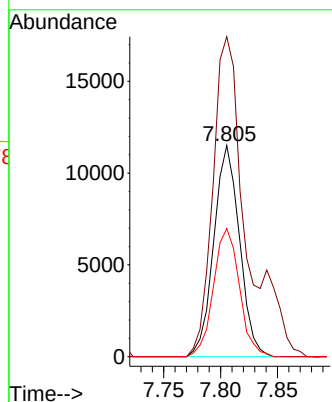
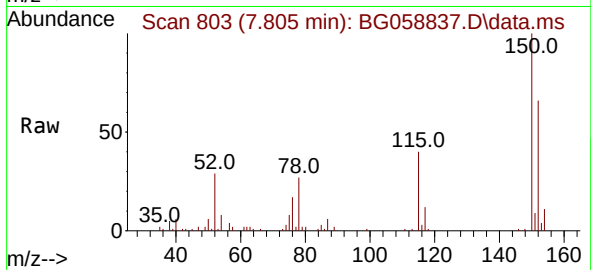
TP-IMSD

Tgt Ion:152 Resp: 1809
Ion Ratio Lower Upper
152 100
150 151.5 128.6 192.8
115 60.7 50.4 75.6

Manual Integrations

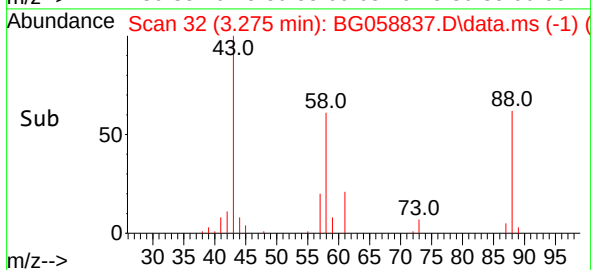
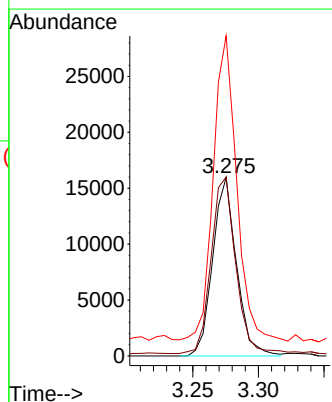
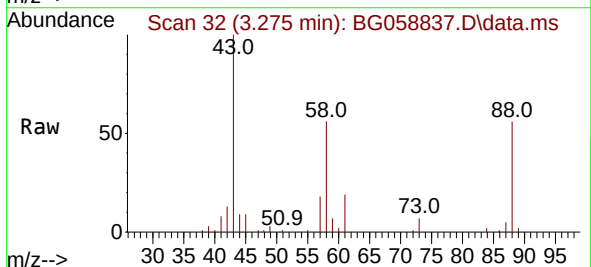
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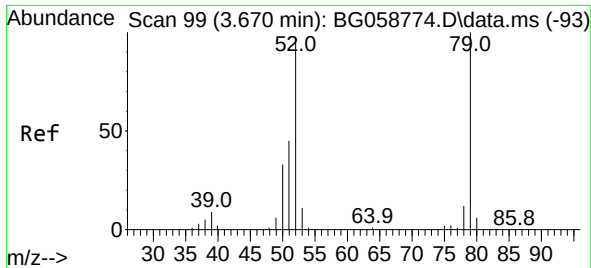
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#2
1,4-Dioxane
Concen: 38.020 ng
RT: 3.275 min Scan# 32
Delta R.T. 0.005 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

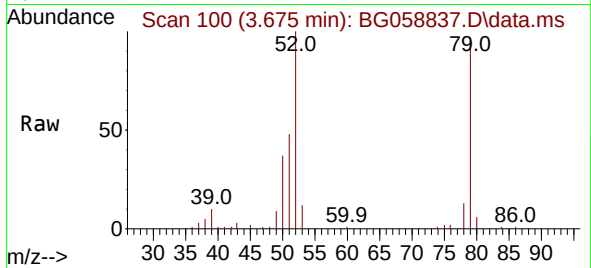
Tgt Ion: 88 Resp: 20099
Ion Ratio Lower Upper
88 100
58 104.6 82.8 124.2
43 168.5 30.1 45.1#





#3
 Pyridine
 Concen: 36.429 ng
 RT: 3.675 min Scan# 100
 Delta R.T. 0.005 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54

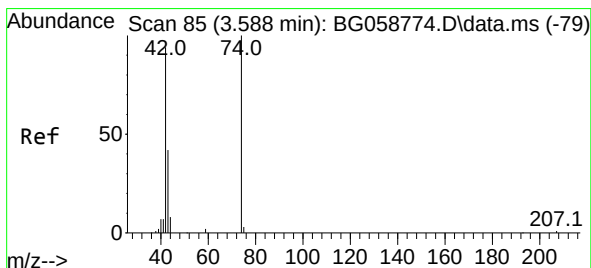
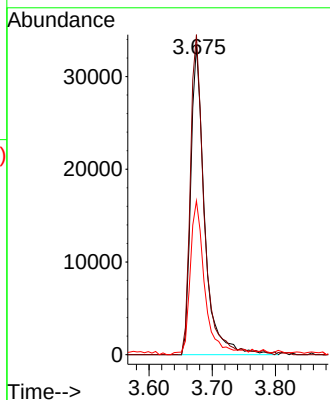
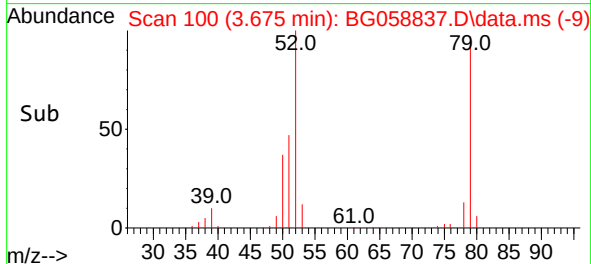
Instrument :
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 ClientSampleId :
 TP-IMSD



Tgt Ion: 79 Resp: 5089
 Ion Ratio Lower Upper
 79 100
 52 103.5 77.6 116.4
 51 49.7 37.5 56.3

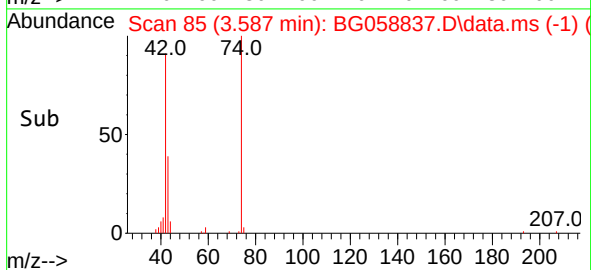
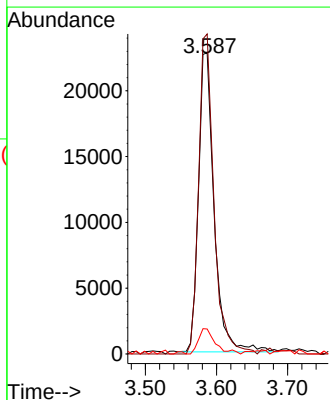
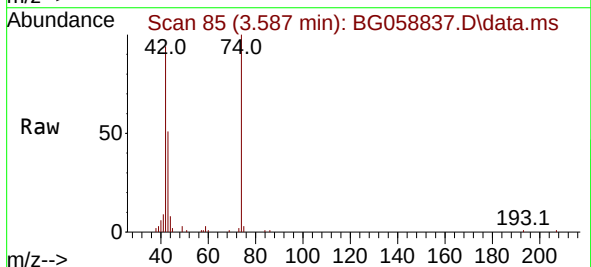
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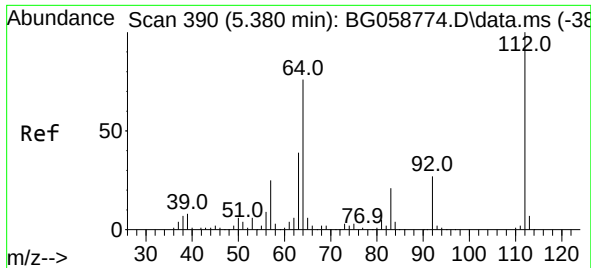
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#4
 n-Nitrosodimethylamine
 Concen: 46.037 ng
 RT: 3.587 min Scan# 85
 Delta R.T. -0.001 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54

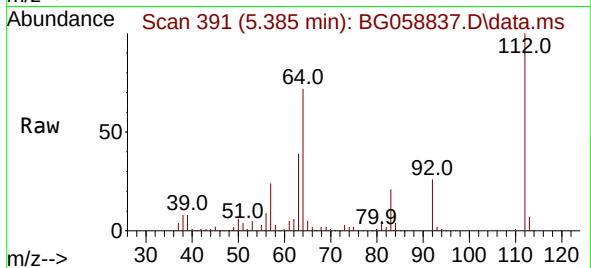
Tgt Ion: 42 Resp: 34964
 Ion Ratio Lower Upper
 42 100
 74 106.3 85.1 127.7
 44 8.3 6.9 10.3





#5
2-Fluorophenol
Concen: 135.044 ng
RT: 5.385 min Scan# 390
Delta R.T. 0.005 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

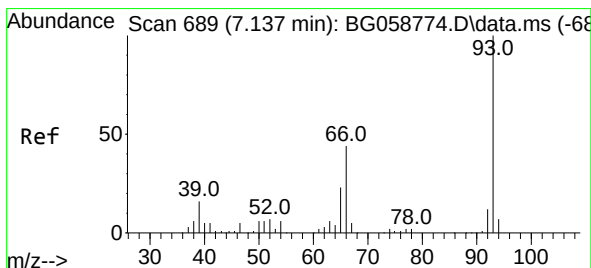
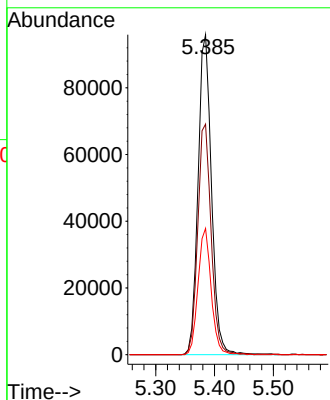
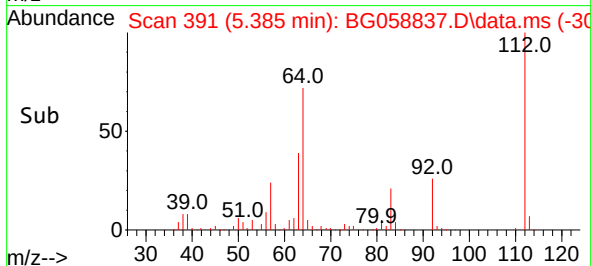
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion:112 Resp: 15184
Ion Ratio Lower Upper
112 100
64 72.0 60.6 90.8
63 39.5 31.0 46.4

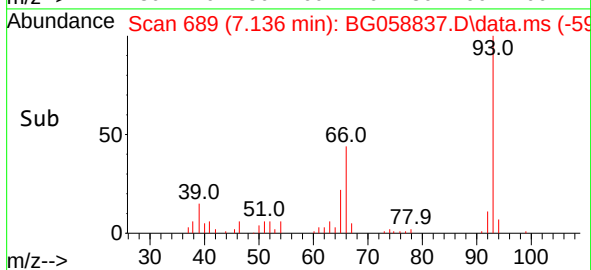
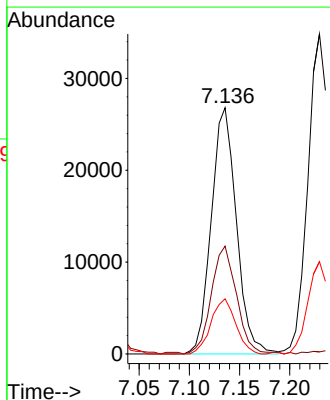
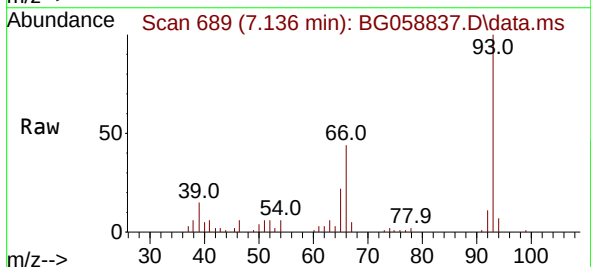
Manual Integrations
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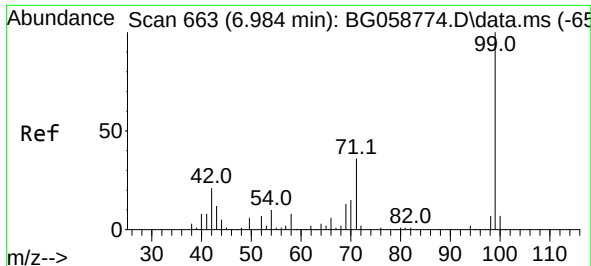
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#6
Aniline
Concen: 24.199 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

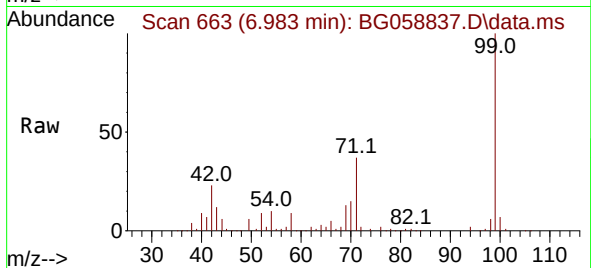
Tgt Ion: 93 Resp: 46668
Ion Ratio Lower Upper
93 100
66 43.8 35.7 53.5
65 22.4 18.2 27.2





#7
Phenol-d6
Concen: 124.833 ng
RT: 6.983 min Scan# 609
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

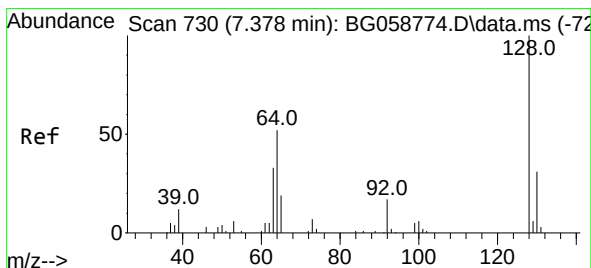
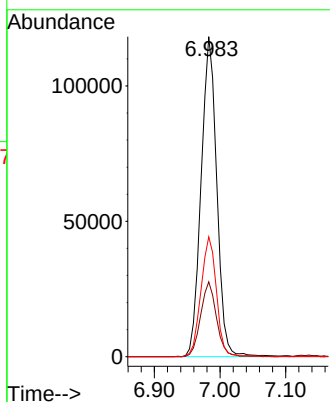
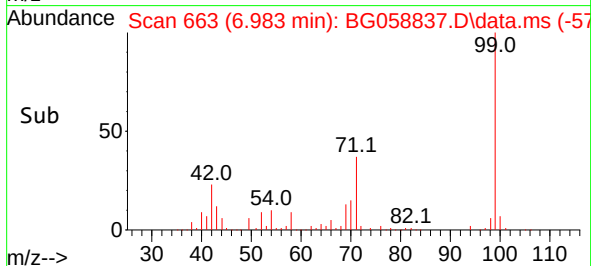
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion: 99 Resp: 19693
Ion Ratio Lower Upper
99 100
42 23.4 16.5 24.7
71 37.5 28.4 42.6

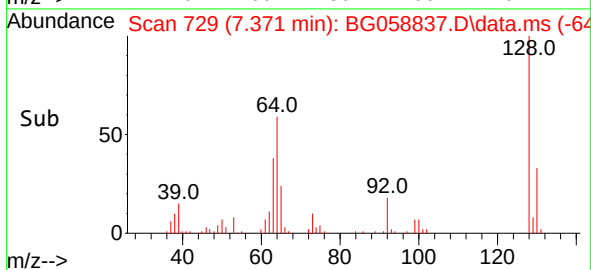
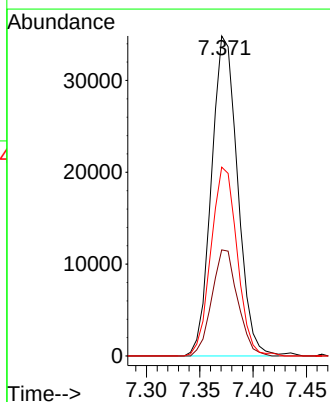
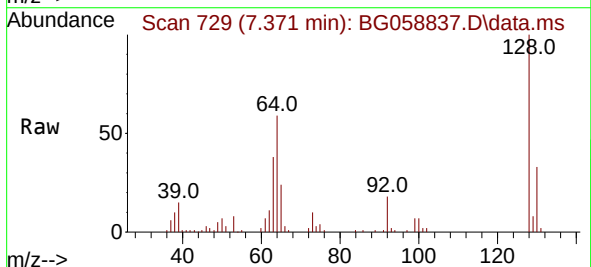
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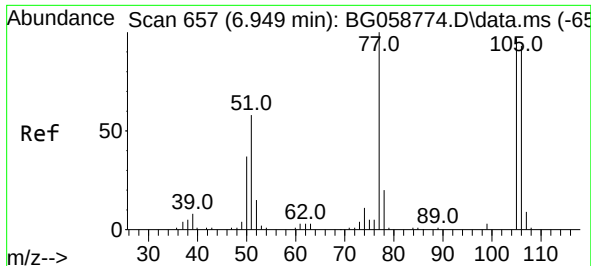
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#8
2-Chlorophenol
Concen: 52.300 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

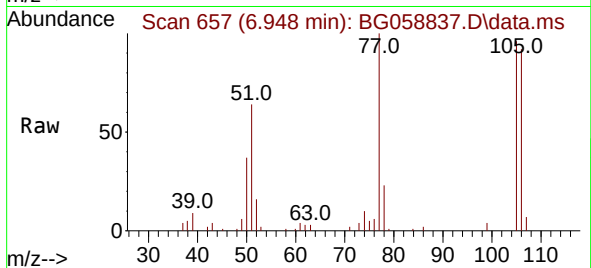
Tgt Ion:128 Resp: 59461
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 59.0 38.4 78.4





#9
Benzaldehyde
Concen: 25.988 ng m
RT: 6.948 min Scan# 657
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

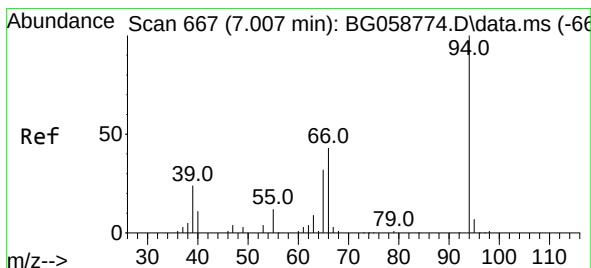
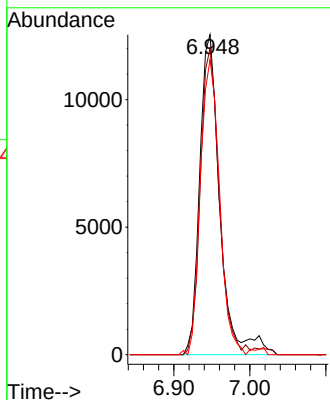
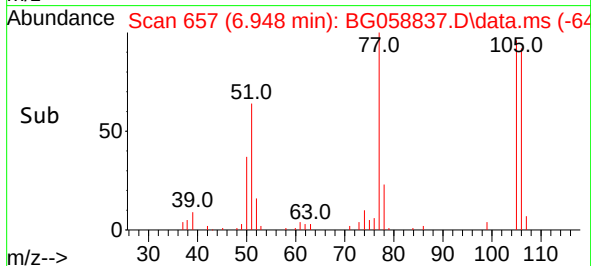
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion: 77 Resp: 2299
Ion Ratio Lower Upper
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105 95.7 76.7 116.7
106 92.3 73.4 113.4

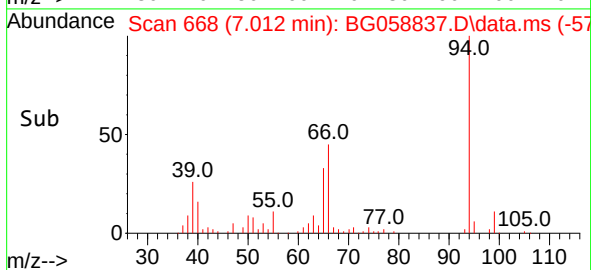
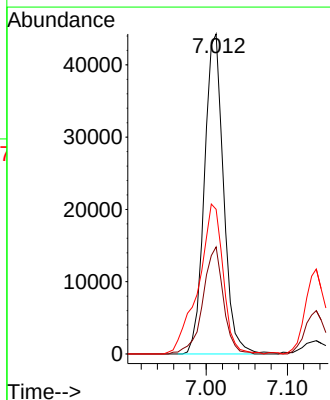
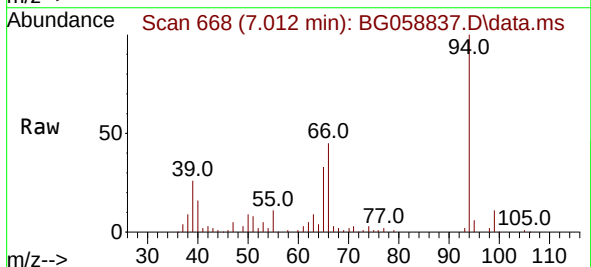
Manual Integrations
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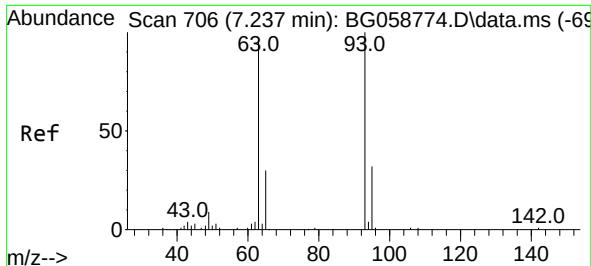
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Phenol
Concen: 47.453 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.005 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion: 94 Resp: 72187
Ion Ratio Lower Upper
94 100
65 33.5 12.6 52.6
66 45.2 26.6 66.6





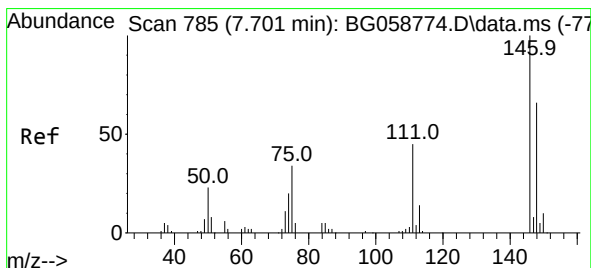
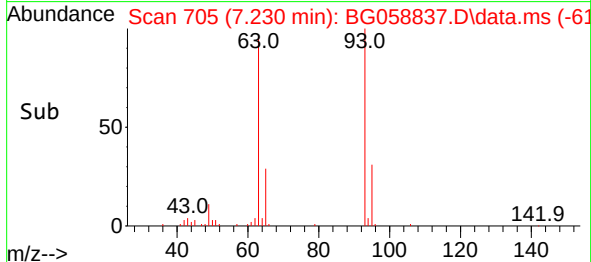
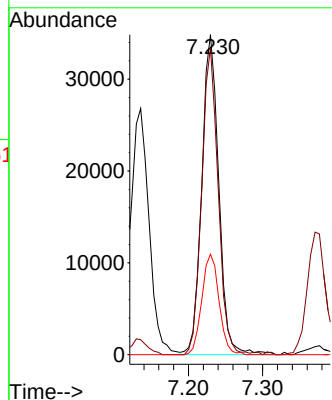
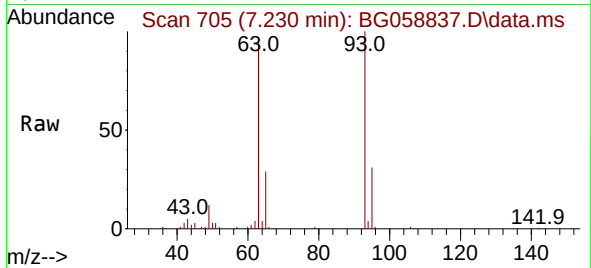
#11
bis(2-Chloroethyl)ether
Concen: 46.864 ng
RT: 7.230 min Scan# 706
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :
BNA_G
ClientSampleId :
TP-IMSD

Tgt Ion: 93 Resp: 55628
Ion Ratio Lower Upper
93 100
63 96.0 74.8 114.8
95 31.4 12.1 52.1

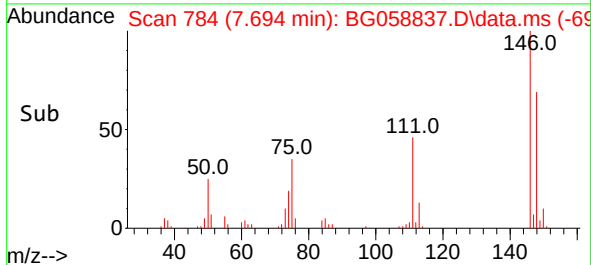
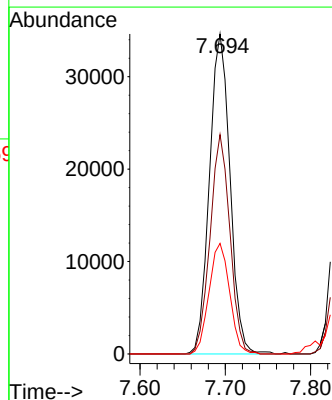
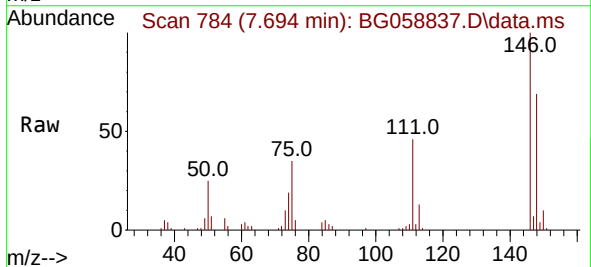
Manual Integrations
APPROVED

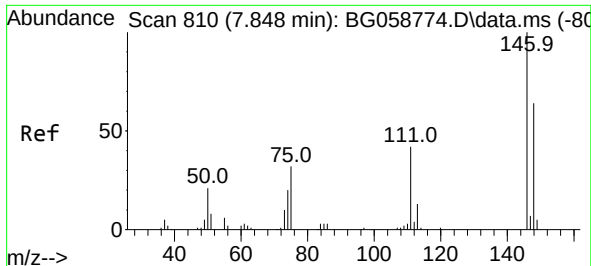
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
1,3-Dichlorobenzene
Concen: 47.895 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:146 Resp: 57840
Ion Ratio Lower Upper
146 100
148 68.6 52.4 78.6
75 34.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.935 ng

RT: 7.841 min Scan# 809

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

Tgt Ion:146 Resp: 58538

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

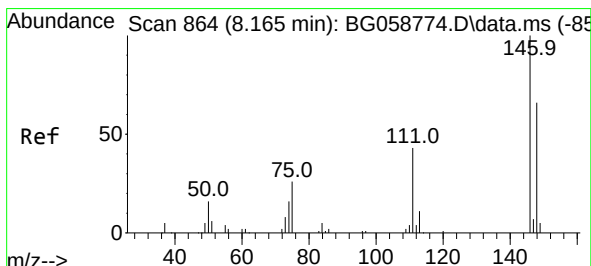
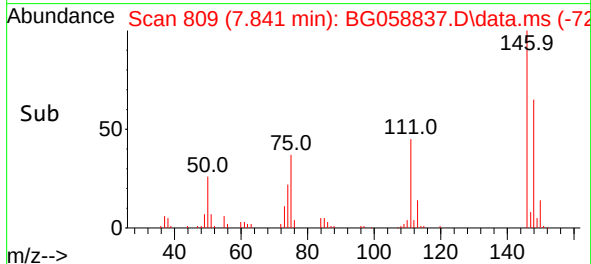
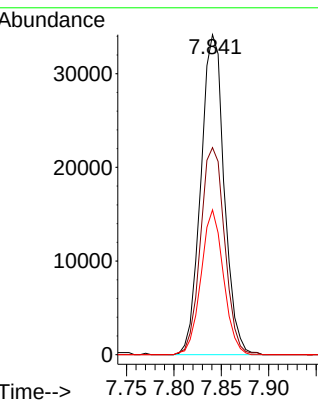
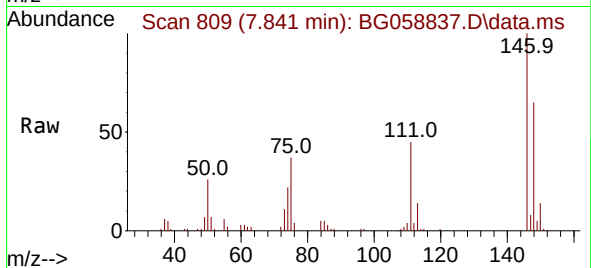
111 45.3 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#14

1,2-Dichlorobenzene

Concen: 48.204 ng

RT: 8.158 min Scan# 863

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

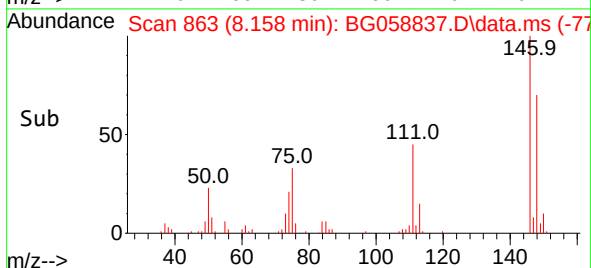
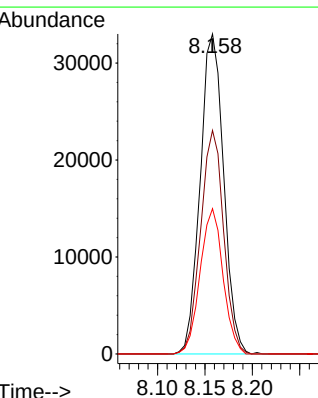
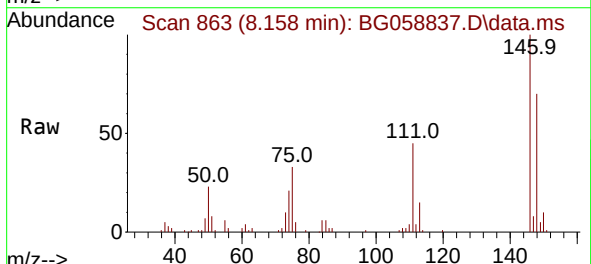
Tgt Ion:146 Resp: 56896

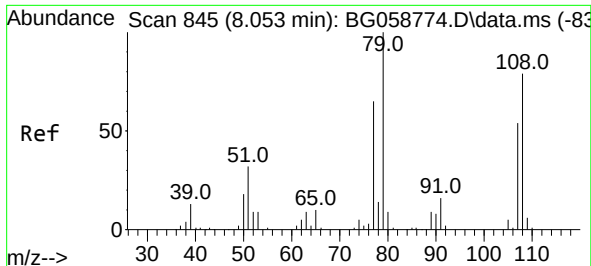
Ion Ratio Lower Upper

146 100

148 69.8 52.9 79.3

111 45.4 35.5 53.3





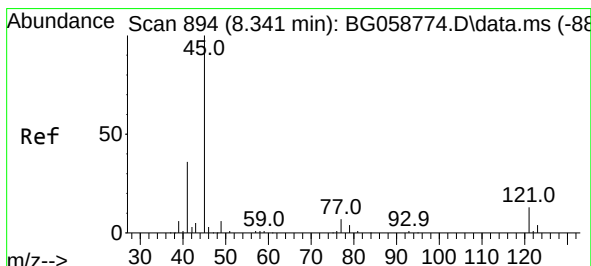
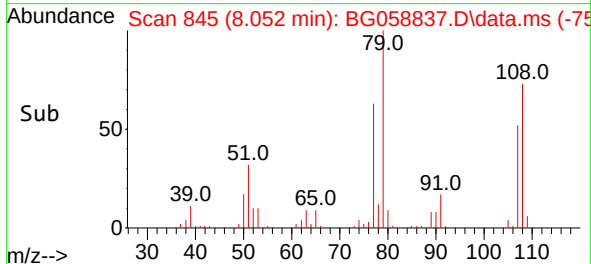
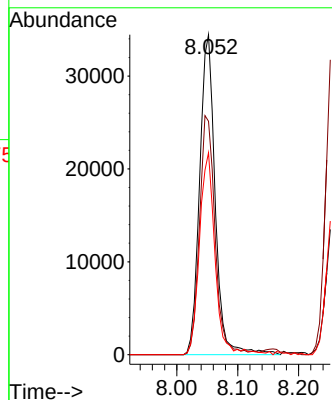
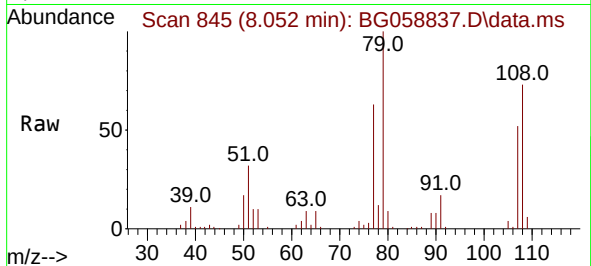
#15
Benzyl Alcohol
Concen: 54.137 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :
BNA_G
ClientSampleId :
TP-IMSD

Tgt Ion: 79 Resp: 61063
Ion Ratio Lower Upper
79 100
108 73.0 63.4 95.0
77 63.1 52.2 78.2

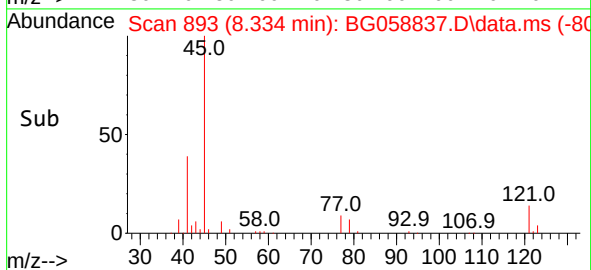
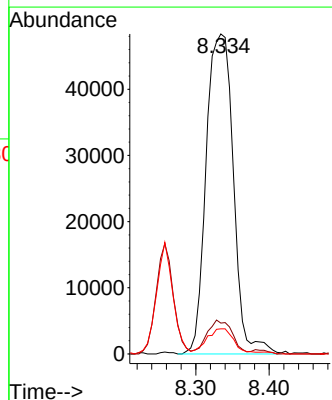
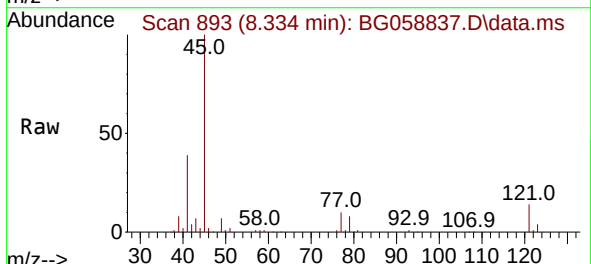
Manual Integrations
APPROVED

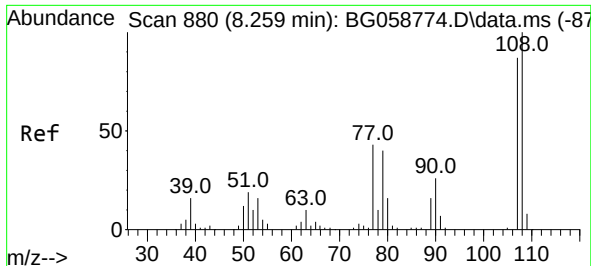
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.230 ng m
RT: 8.334 min Scan# 893
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion: 45 Resp: 124536
Ion Ratio Lower Upper
45 100
77 9.7 0.0 30.3
79 7.8 0.0 27.7





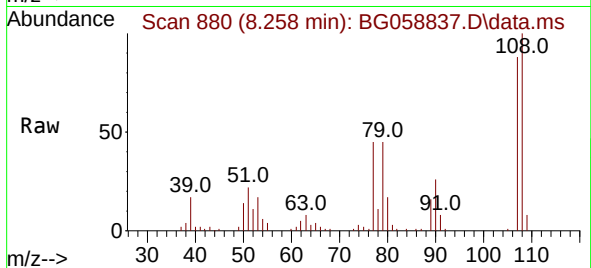
#17
2-Methylphenol
Concen: 48.877 ng
RT: 8.258 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

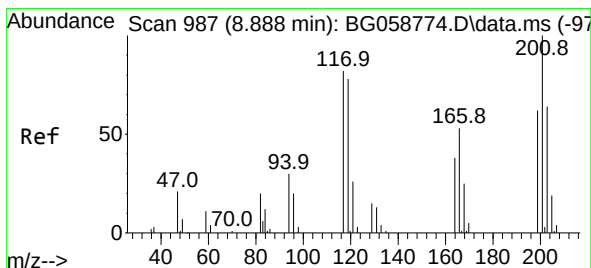
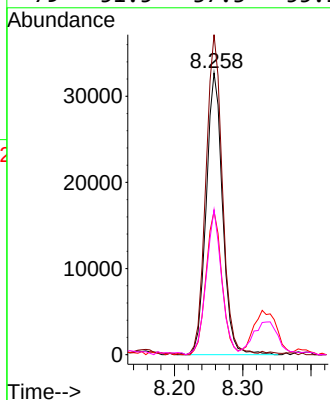
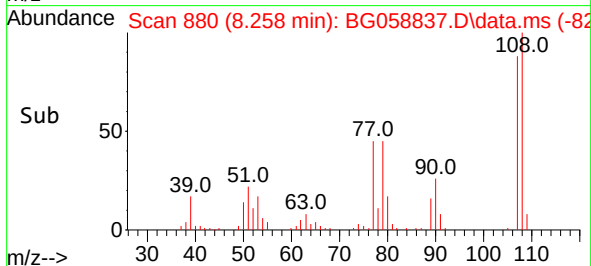


Tgt Ion:107 Resp: 5461
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.2
77 50.9 40.0 60.0
79 51.5 37.3 55.9

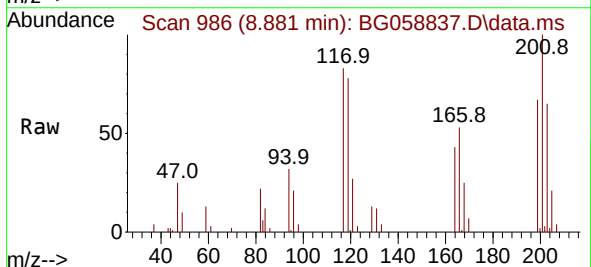
Manual Integrations

APPROVED

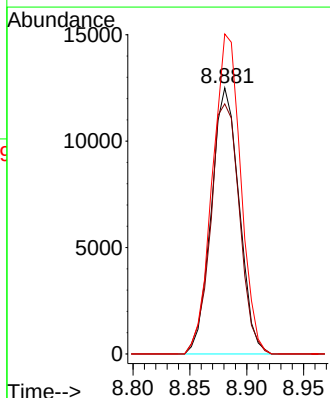
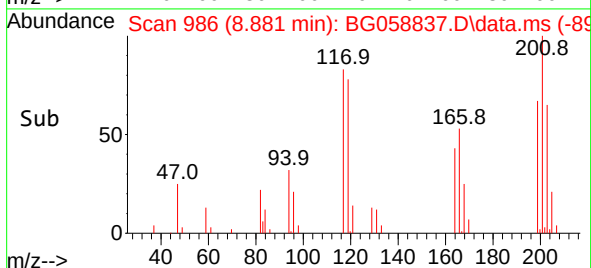
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

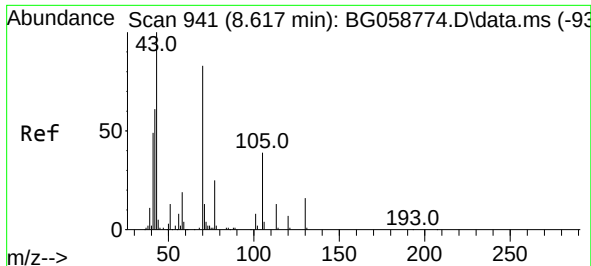


#18
Hexachloroethane
Concen: 47.809 ng
RT: 8.881 min Scan# 986
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



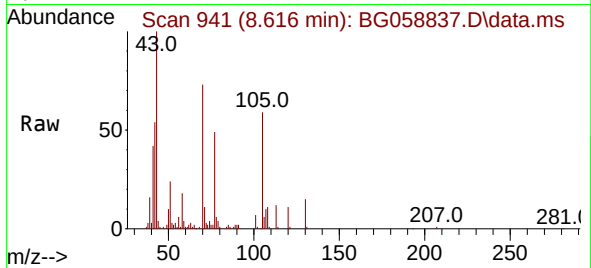
Tgt Ion:117 Resp: 21272
Ion Ratio Lower Upper
117 100
119 94.0 76.6 115.0
201 120.3 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 47.221 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

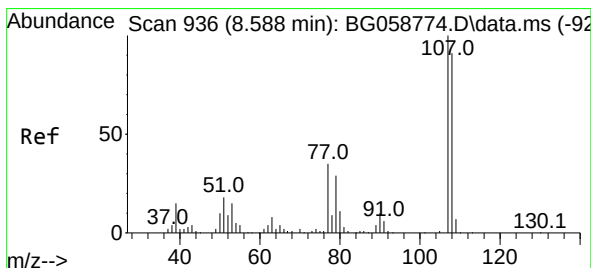
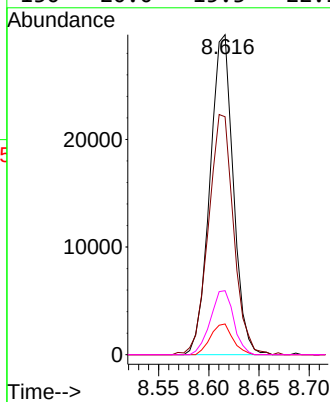
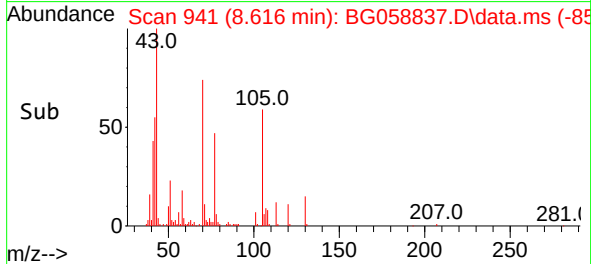
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion: 70 Resp: 4815
Ion Ratio Lower Upper
70 100
42 74.3 59.2 88.8
101 9.6 8.2 12.2
130 20.0 15.3 22.9

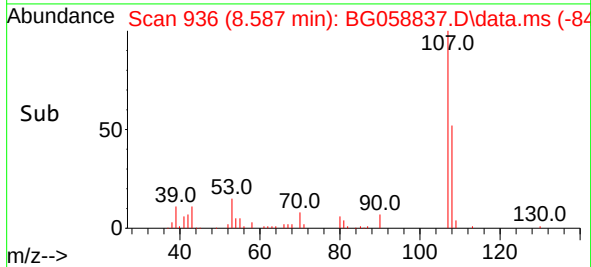
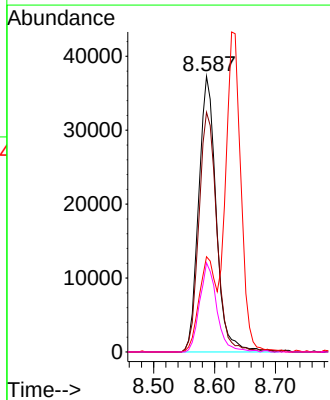
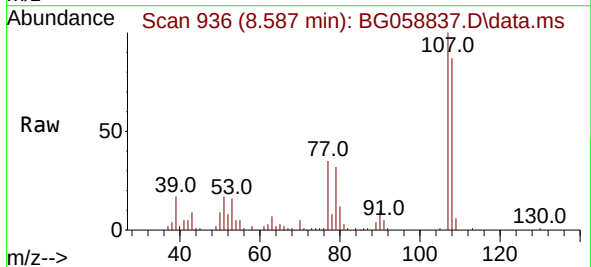
Manual Integrations
APPROVED

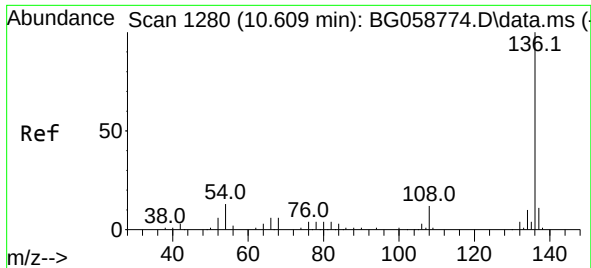
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#20
3+4-Methylphenols
Concen: 49.587 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:107 Resp: 74487
Ion Ratio Lower Upper
107 100
108 86.9 70.6 110.6
77 34.5 14.8 54.8
79 32.3 9.1 49.1





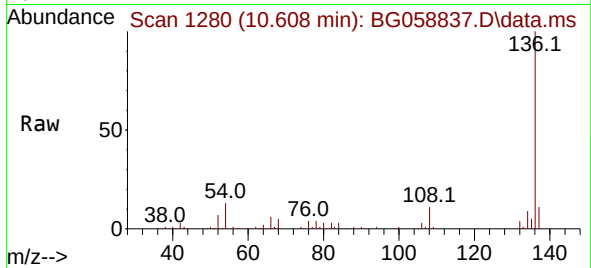
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

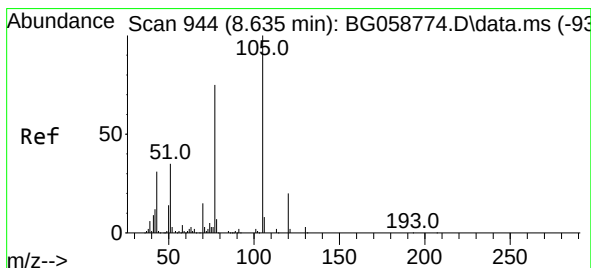
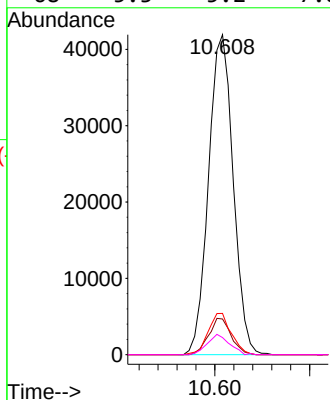
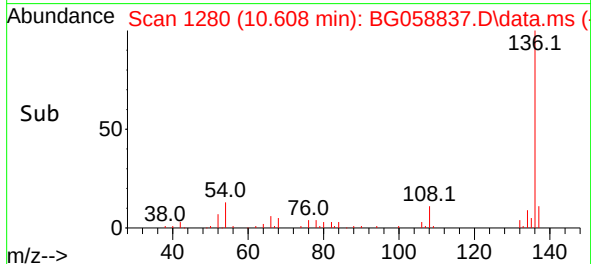


Tgt Ion:136 Resp: 75609
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 12.9 10.1 15.1
68 5.3 5.2 7.8

Manual Integrations

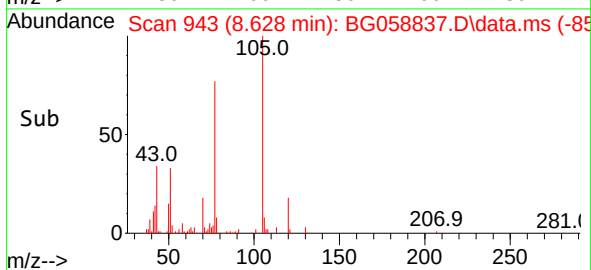
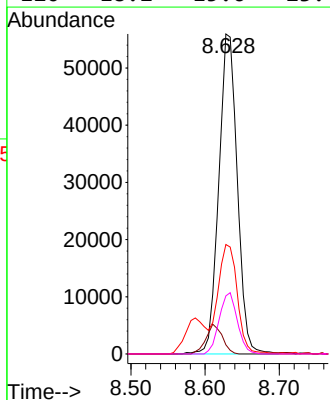
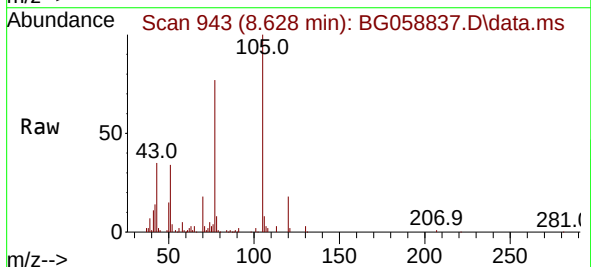
APPROVED

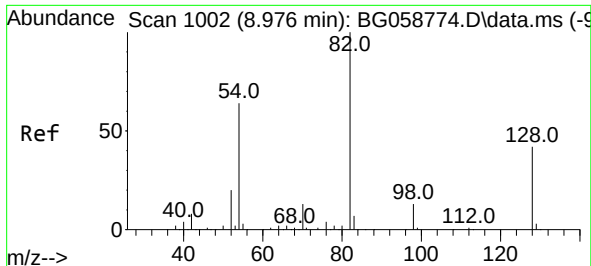
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#22
Acetophenone
Concen: 47.371 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:105 Resp: 96950
Ion Ratio Lower Upper
105 100
71 2.8 2.2 3.2
51 34.2 28.5 42.7
120 18.2 15.6 23.4





#23

Nitrobenzene-d5

Concen: 88.594 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

Tgt Ion: 82 Resp: 139320

Ion Ratio Lower Upper

82 100

128 38.2 33.2 49.8

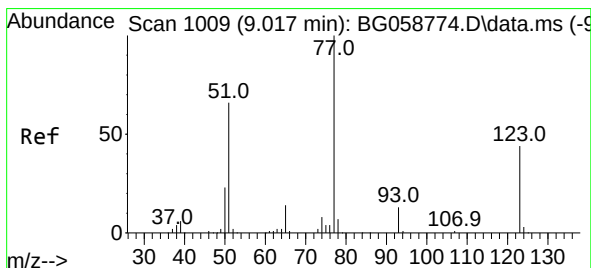
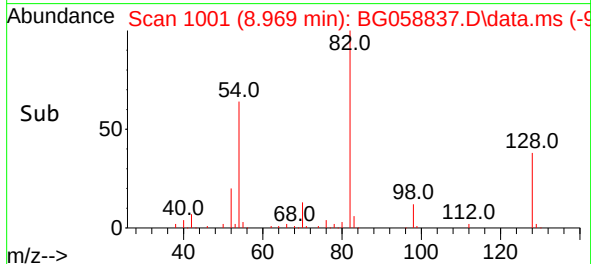
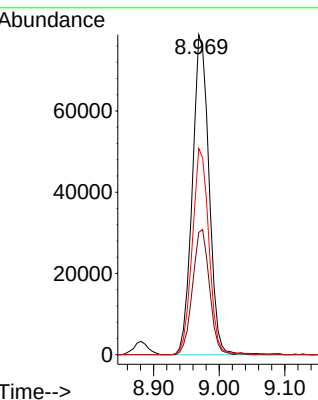
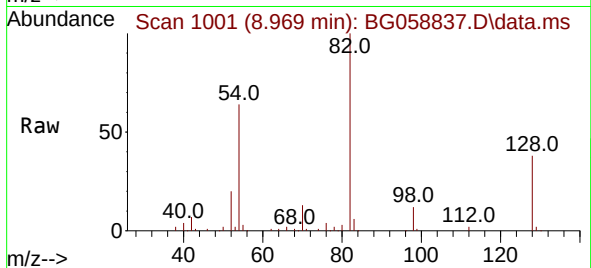
54 64.4 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#24

Nitrobenzene

Concen: 45.851 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

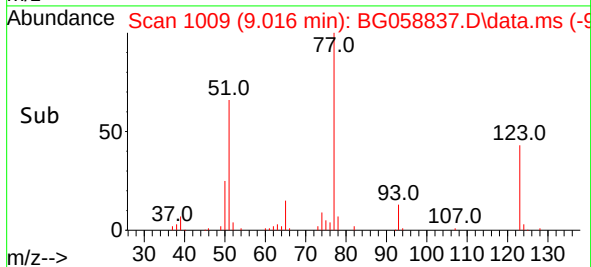
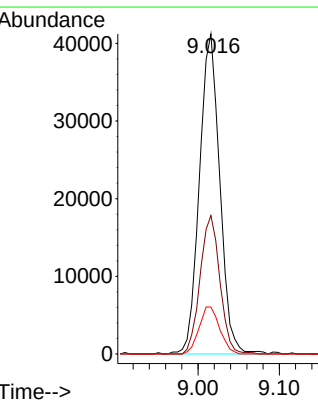
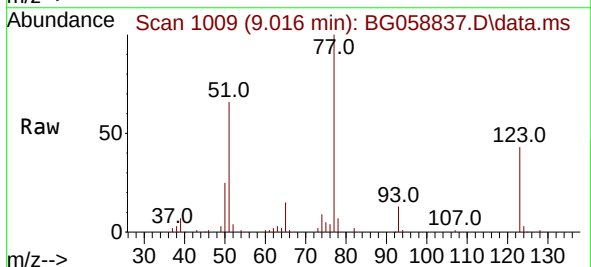
Tgt Ion: 77 Resp: 71714

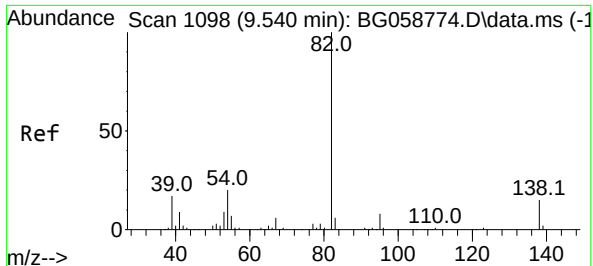
Ion Ratio Lower Upper

77 100

123 43.3 34.9 52.3

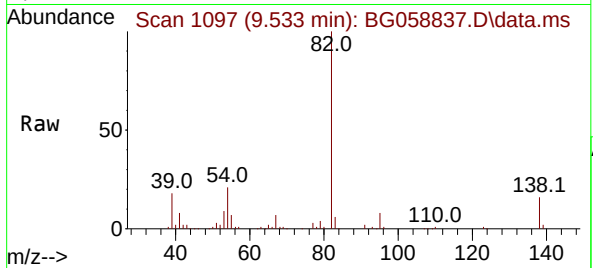
65 14.7 10.9 16.3





#25
Isophorone
Concen: 45.776 ng
RT: 9.533 min Scan# 1097
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

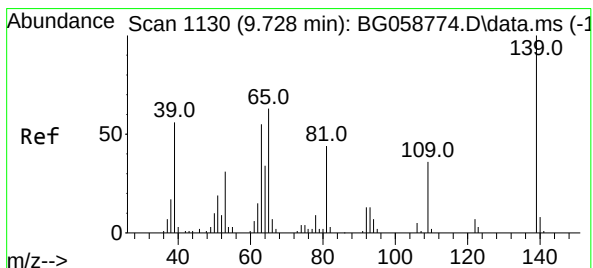
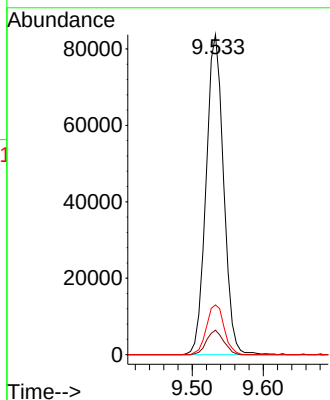
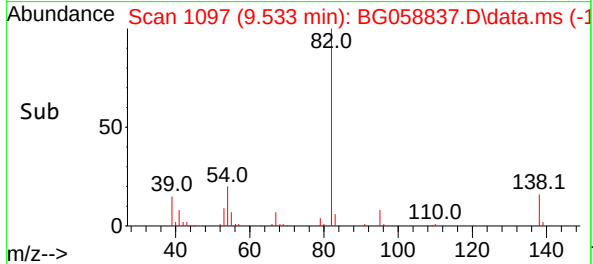
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



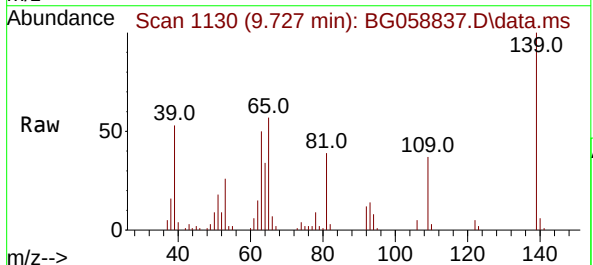
Tgt Ion: 82 Resp: 143154
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 15.6 12.2 18.4

Manual Integrations
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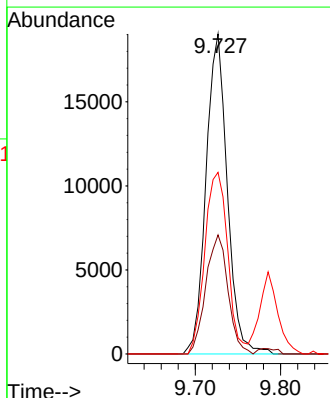
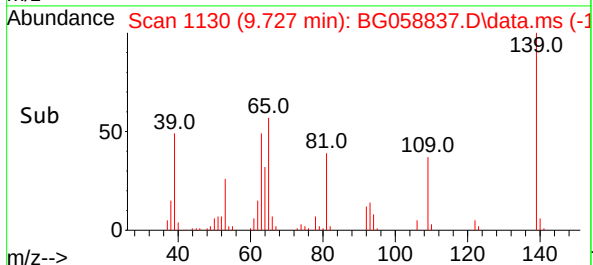
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

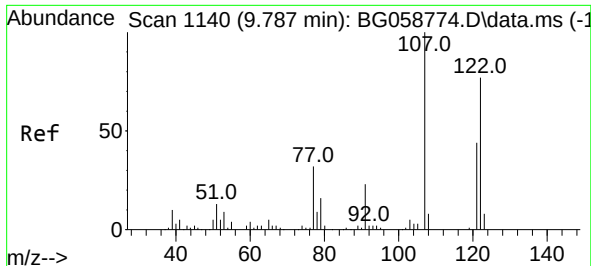


#26
2-Nitrophenol
Concen: 50.337 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



Tgt Ion:139 Resp: 32927
Ion Ratio Lower Upper
139 100
109 37.2 28.7 43.1
65 56.7 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 51.267 ng

RT: 9.785 min Scan# 1140

Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

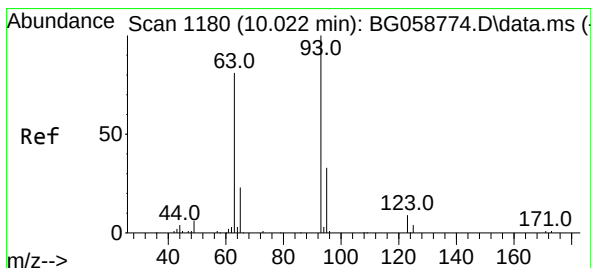
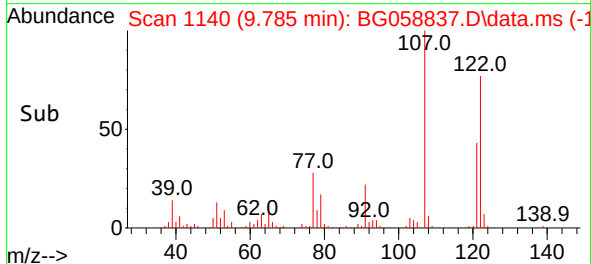
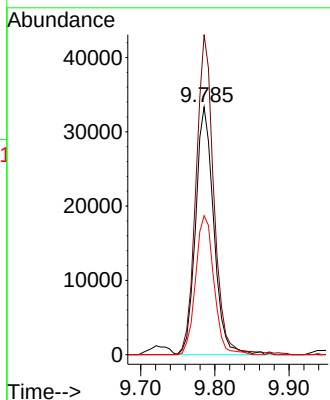
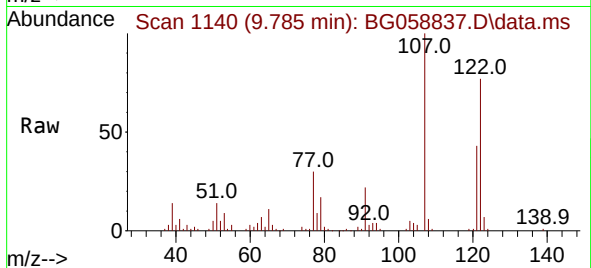
Tgt Ion:	122	Resp:	56835
Ion Ratio	Lower	Upper	
122	100		
107	129.2	102.6	154.0
121	56.1	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.470 ng

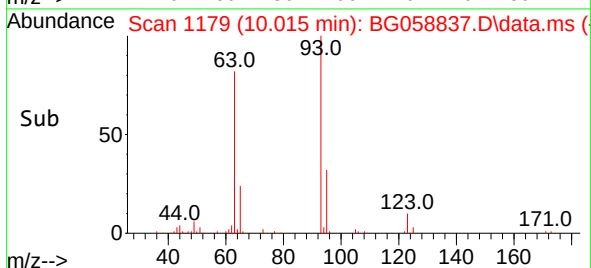
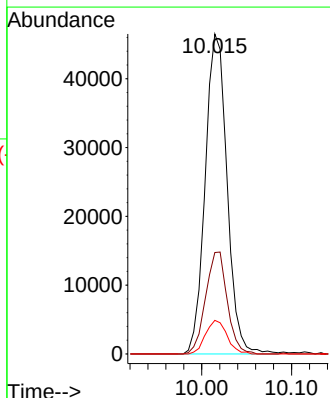
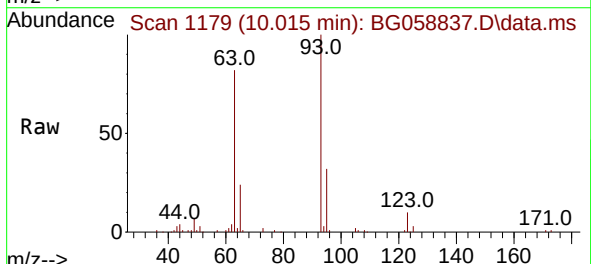
RT: 10.015 min Scan# 1179

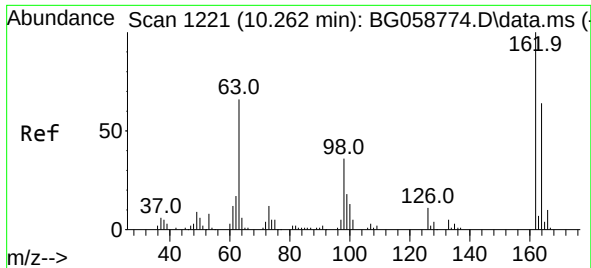
Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

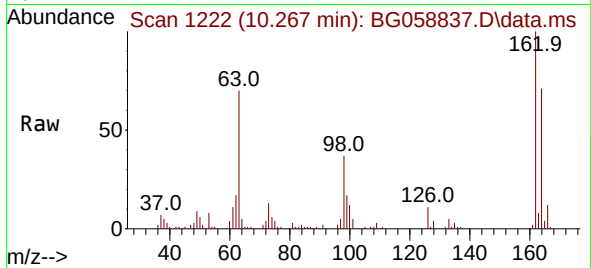
Tgt Ion:	93	Resp:	78635
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.2	39.4
123	10.5	8.1	12.1





#29
2,4-Dichlorophenol
Concen: 53.469 ng
RT: 10.267 min Scan# 1221
Delta R.T. 0.005 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

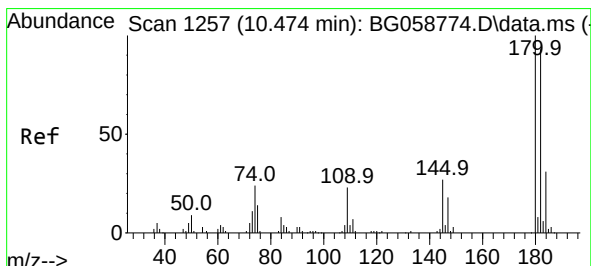
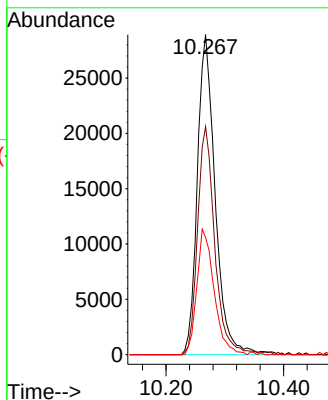
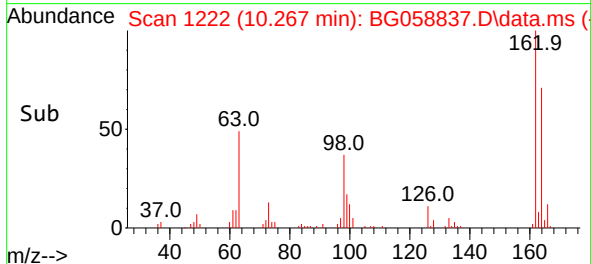
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



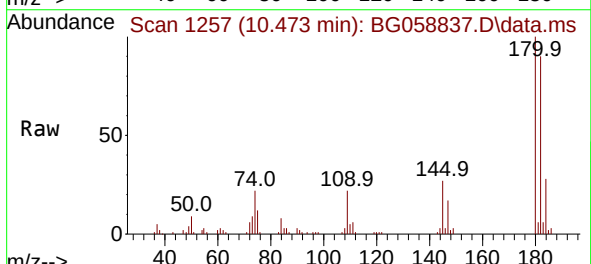
Tgt Ion:162 Resp: 6091
Ion Ratio Lower Upper
162 100
164 71.3 44.4 84.4
98 36.7 16.1 56.1

Manual Integrations
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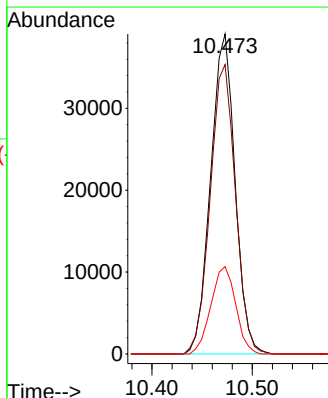
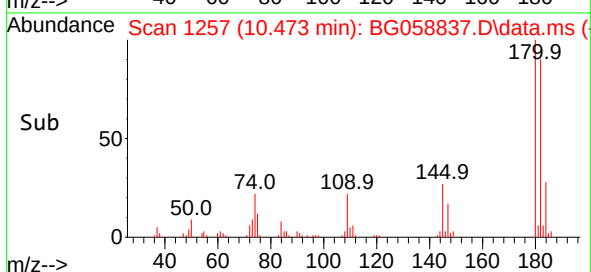
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

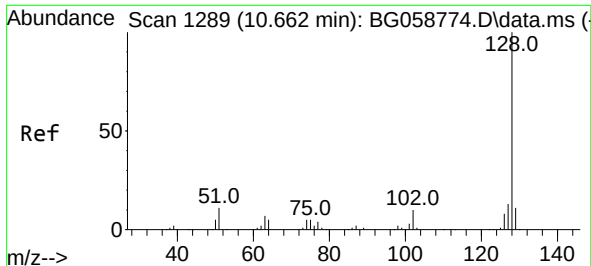


#30
1,2,4-Trichlorobenzene
Concen: 48.010 ng
RT: 10.473 min Scan# 1257
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



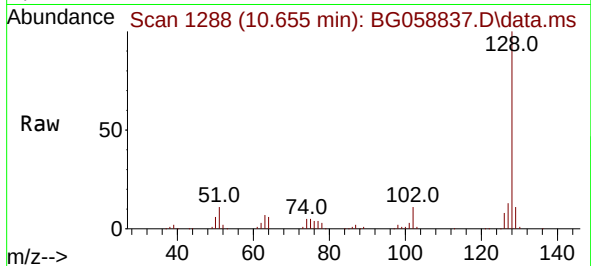
Tgt Ion:180 Resp: 66045
Ion Ratio Lower Upper
180 100
182 90.5 74.6 112.0
145 27.3 21.4 32.0





#31
Naphthalene
Concen: 46.017 ng
RT: 10.655 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

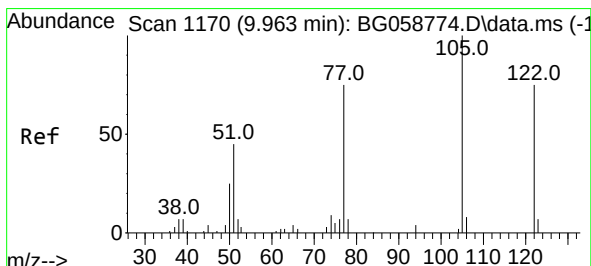
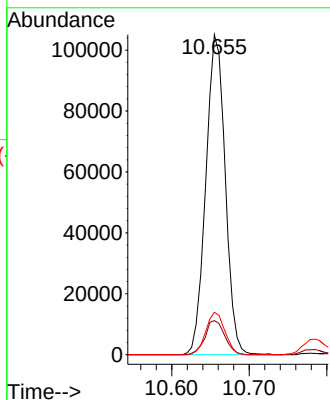
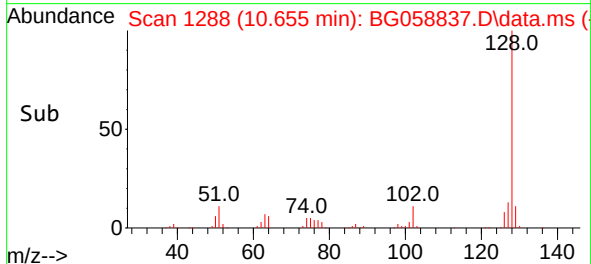
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



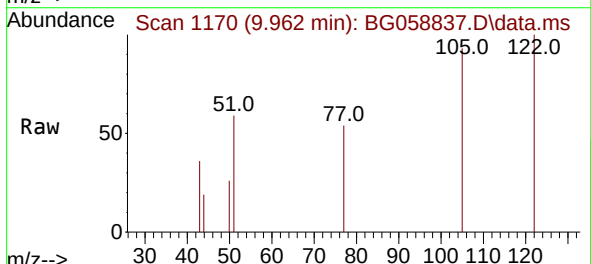
Tgt Ion:128 Resp: 182679
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations
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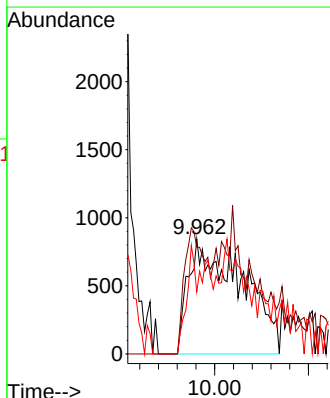
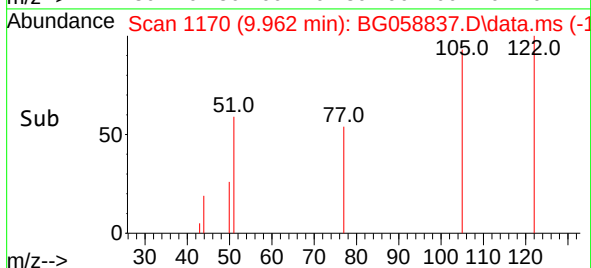
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

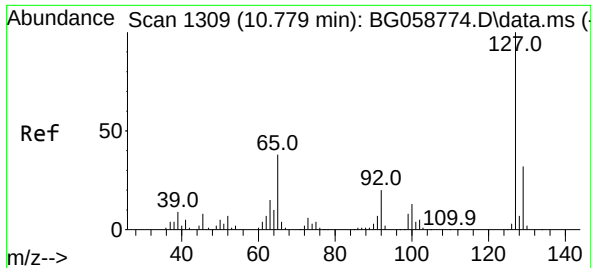


#32
Benzoic acid
Concen: 14.358 ng m
RT: 9.962 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



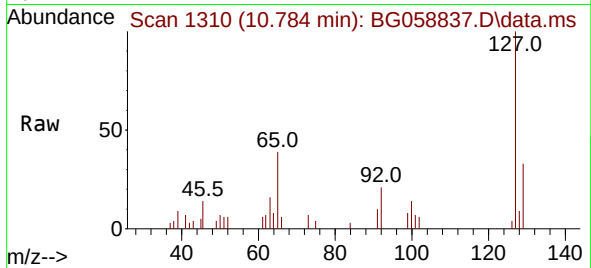
Tgt Ion:122 Resp: 6656
Ion Ratio Lower Upper
122 100
105 92.8 113.6 153.6#
77 53.9 79.7 119.7#





#33
4-Chloroaniline
Concen: 6.935 ng
RT: 10.784 min Scan# 1310
Delta R.T. 0.005 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

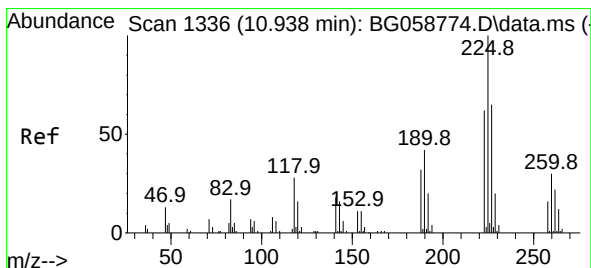
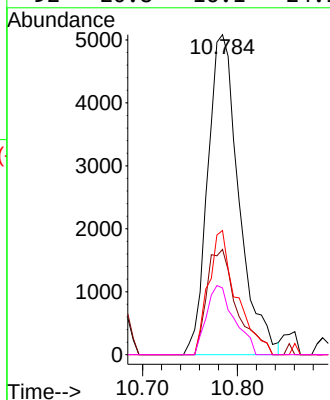
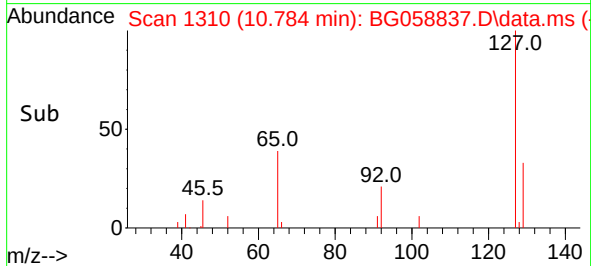
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



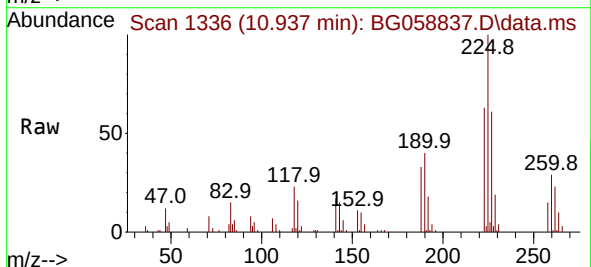
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.2	37.8
65	38.8	30.5	45.7
92	20.8	16.1	24.1

Manual Integrations
APPROVED

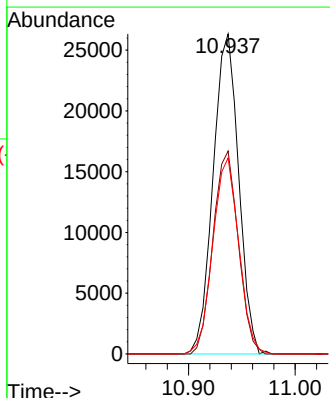
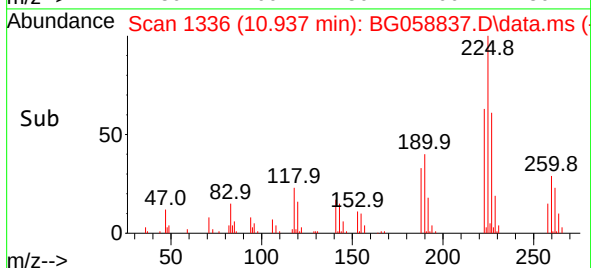
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

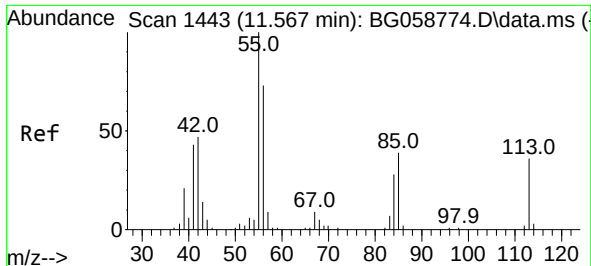


#34
Hexachlorobutadiene
Concen: 47.121 ng
RT: 10.937 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	61.2	51.6	77.4





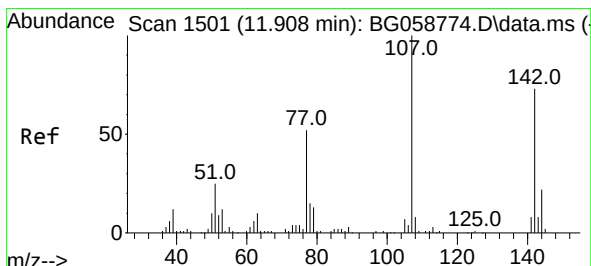
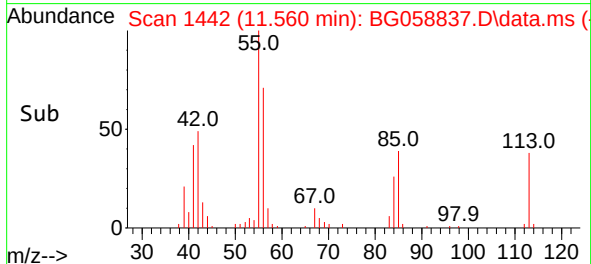
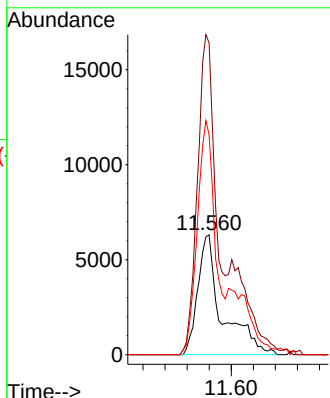
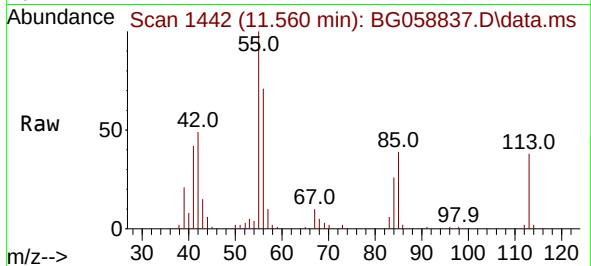
#35
Caprolactam
Concen: 47.316 ng m
RT: 11.560 min Scan# 1443
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :
BNA_G
ClientSampleId :
TP-IMSD

Tgt Ion:113 Resp: 1931
Ion Ratio Lower Upper
113 100
55 260.2 256.3 296.3
56 183.7 180.4 220.4

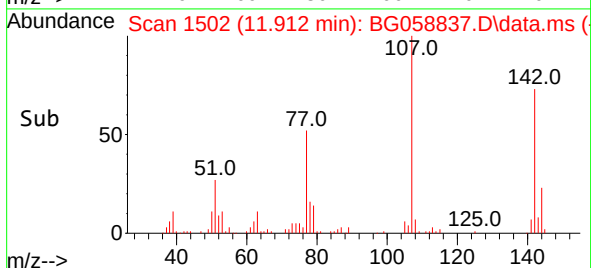
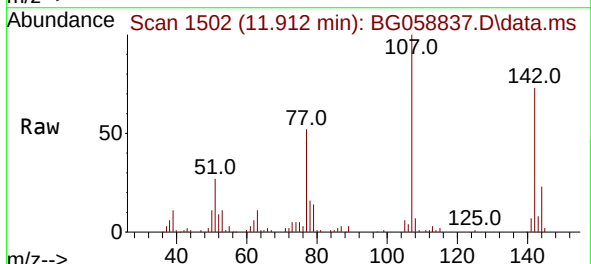
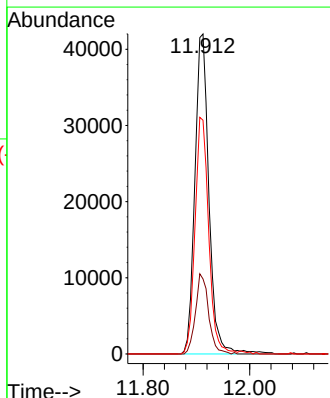
Manual Integrations
APPROVED

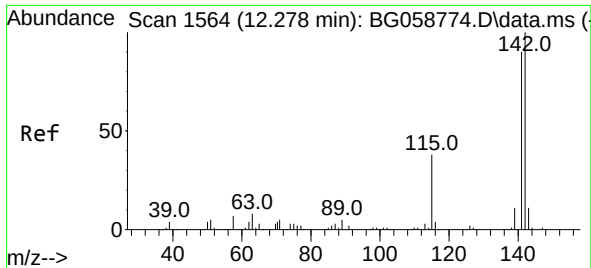
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#36
4-Chloro-3-methylphenol
Concen: 54.431 ng
RT: 11.912 min Scan# 1502
Delta R.T. 0.005 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:107 Resp: 77112
Ion Ratio Lower Upper
107 100
144 23.5 17.9 26.9
142 73.1 58.5 87.7





#37

2-Methylnaphthalene

Concen: 45.850 ng

RT: 12.271 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

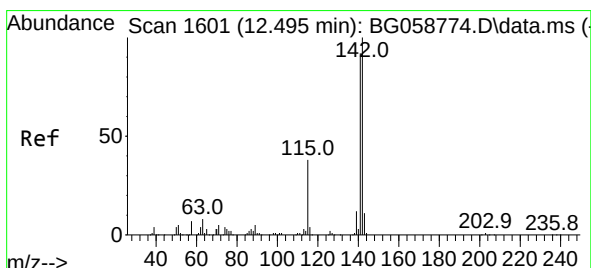
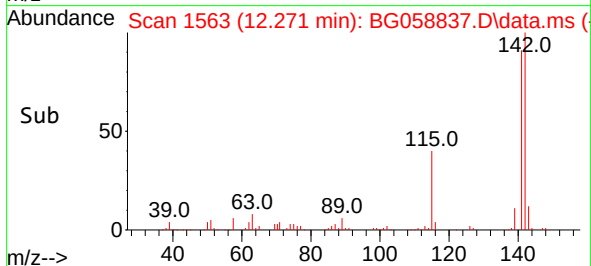
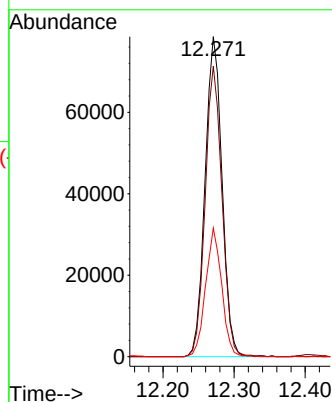
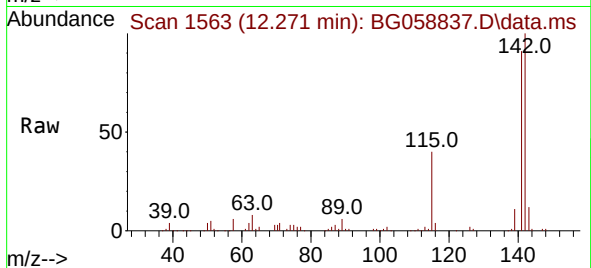
Tgt Ion:142 Resp: 130725
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.8 107.8
 115 40.2 30.6 45.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#38

1-Methylnaphthalene

Concen: 47.073 ng

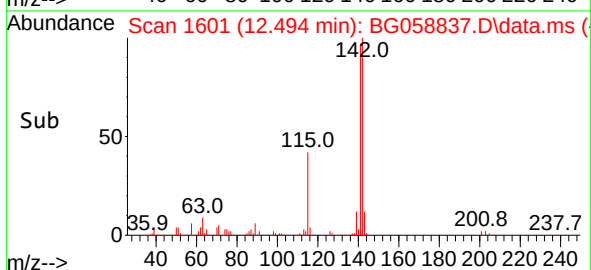
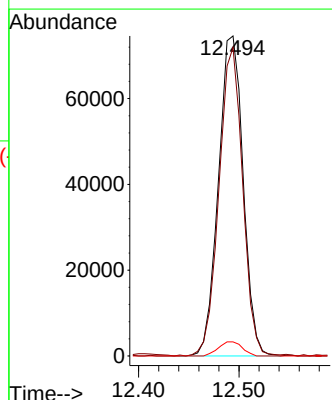
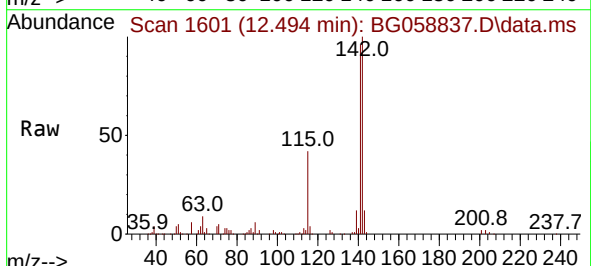
RT: 12.494 min Scan# 1601

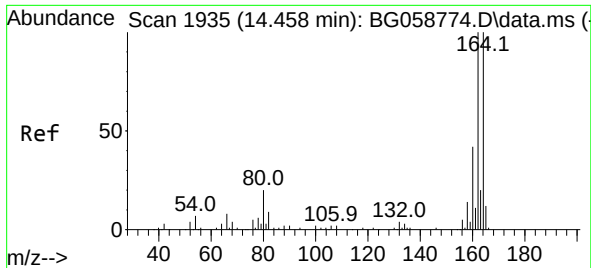
Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

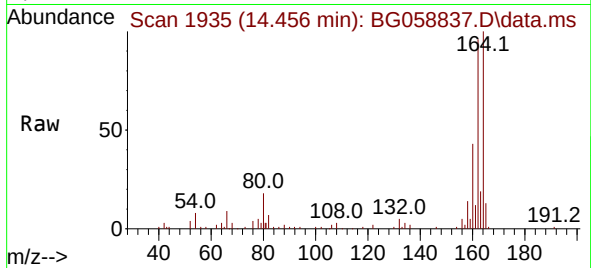
Tgt Ion:142 Resp: 127401
 Ion Ratio Lower Upper
 142 100
 141 96.4 73.9 110.9
 116 4.4 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

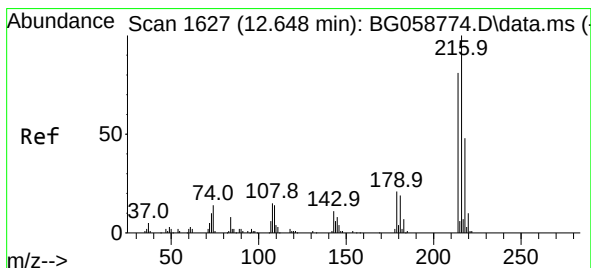
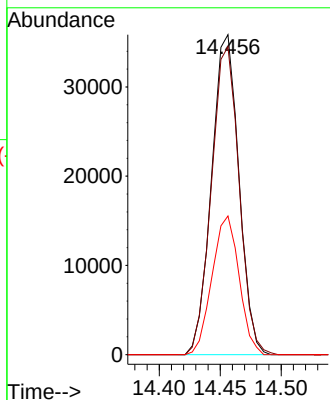
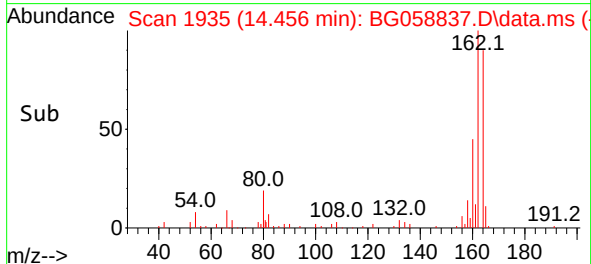
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



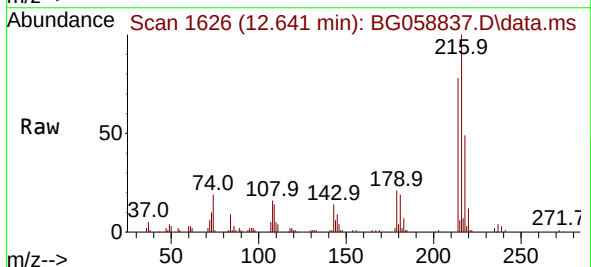
Tgt Ion:164 Resp: 55989
Ion Ratio Lower Upper
164 100
162 96.3 79.6 119.4
160 43.4 34.0 51.0

Manual Integrations
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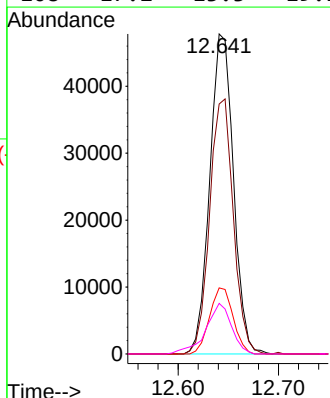
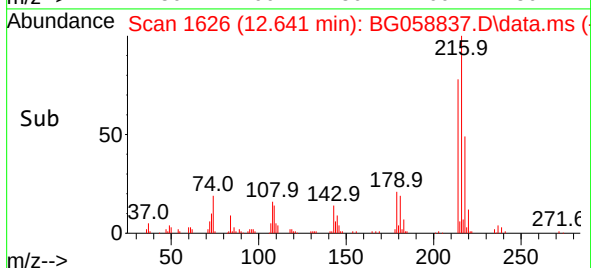
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

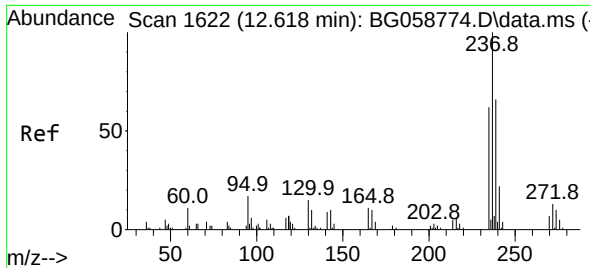


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.392 ng
RT: 12.641 min Scan# 1626
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



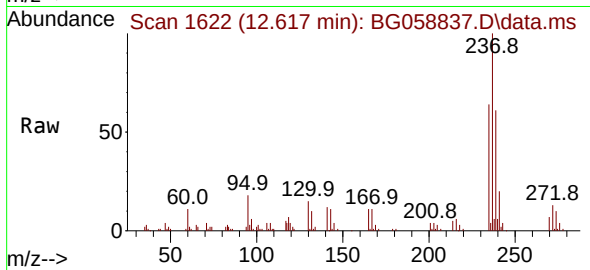
Tgt Ion:216 Resp: 78350
Ion Ratio Lower Upper
216 100
214 79.7 64.0 96.0
179 20.5 16.2 24.4
108 17.2 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 83.834 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

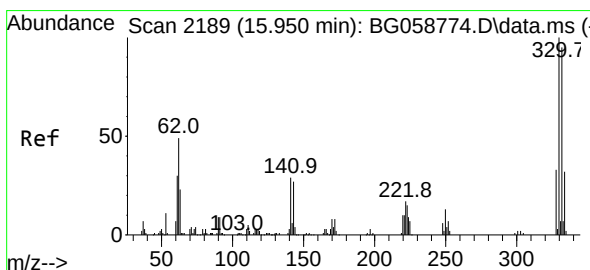
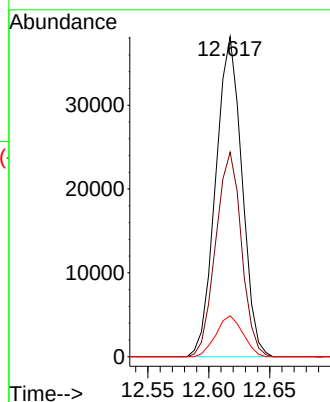
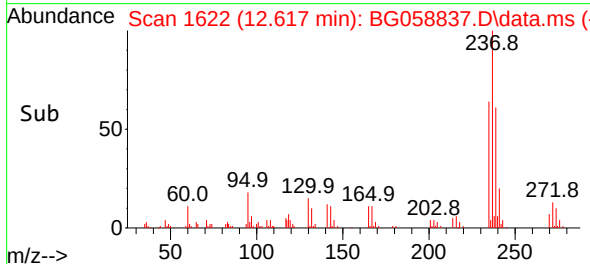
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



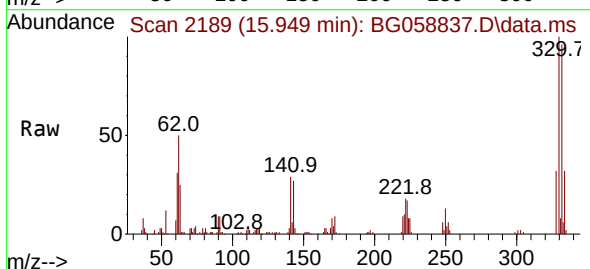
Tgt Ion:237 Resp: 5724
Ion Ratio Lower Upper
237 100
235 63.9 41.5 81.5
272 12.8 0.0 32.5

Manual Integrations
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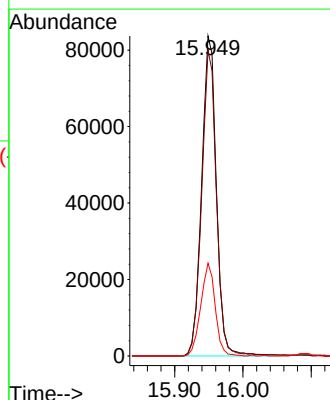
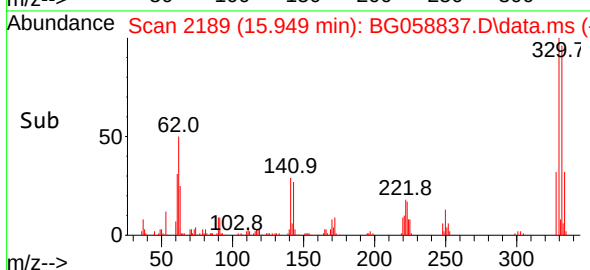
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

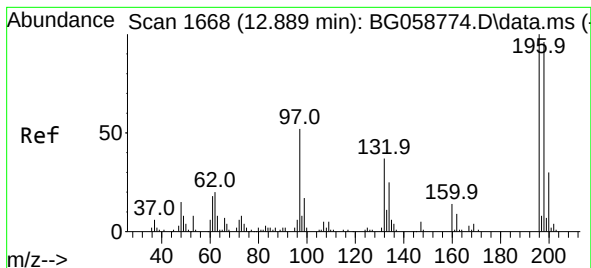


#42
2,4,6-Tribromophenol
Concen: 143.167 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



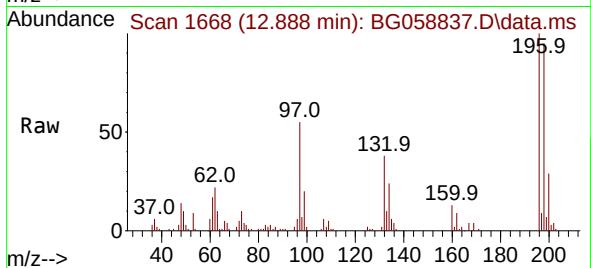
Tgt Ion:330 Resp: 125686
Ion Ratio Lower Upper
330 100
332 95.2 78.5 117.7
141 28.4 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 52.895 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

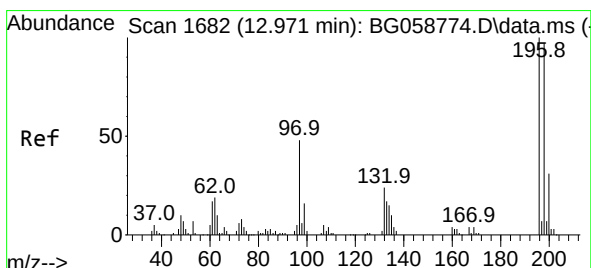
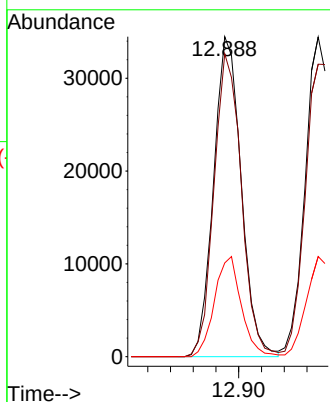
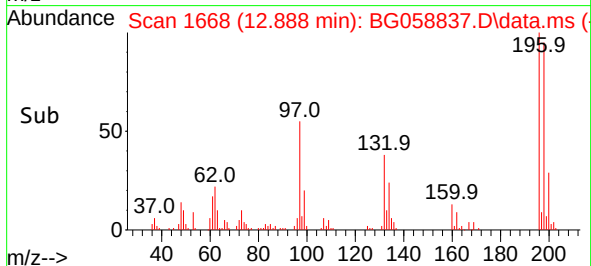
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



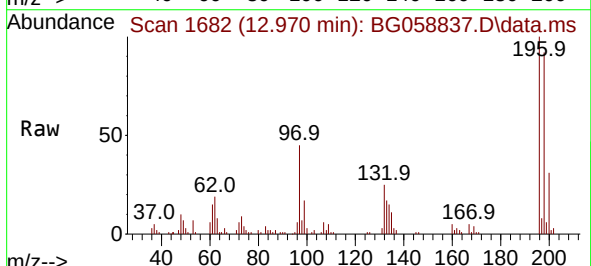
Tgt Ion:196 Resp: 5809
Ion Ratio Lower Upper
196 100
198 94.6 77.0 115.4
200 29.3 23.8 35.6

Manual Integrations
APPROVED

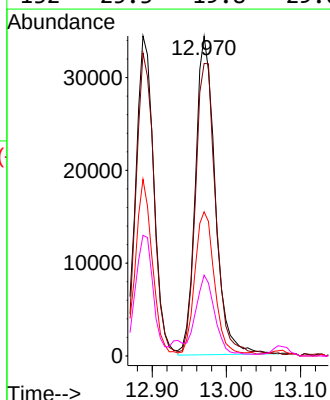
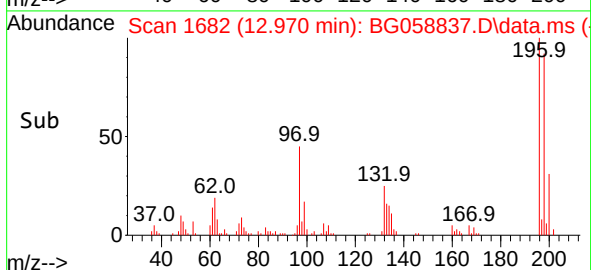
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

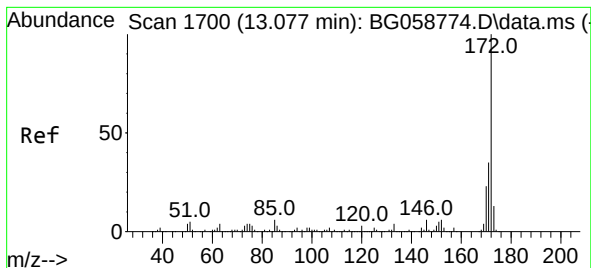


#44
2,4,5-Trichlorophenol
Concen: 48.284 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



Tgt Ion:196 Resp: 63503
Ion Ratio Lower Upper
196 100
198 91.5 78.0 117.0
97 45.1 38.7 58.1
132 25.3 19.8 29.6





#45

2-Fluorobiphenyl

Concen: 85.612 ng

RT: 13.076 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

Tgt Ion:172 Resp: 32956

Ion Ratio Lower Upper

172 100

171 33.6 28.1 42.1

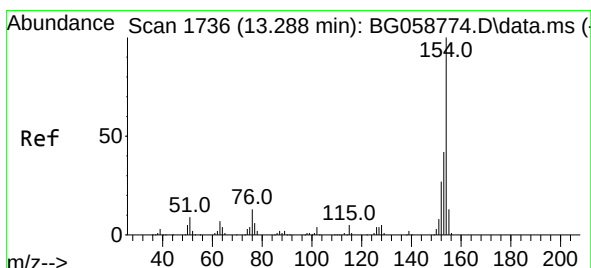
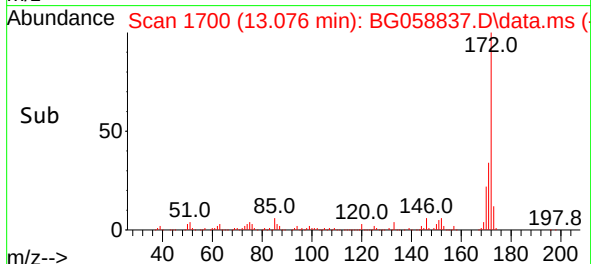
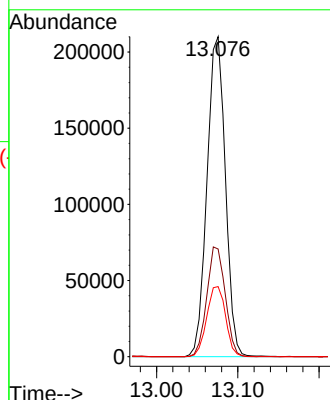
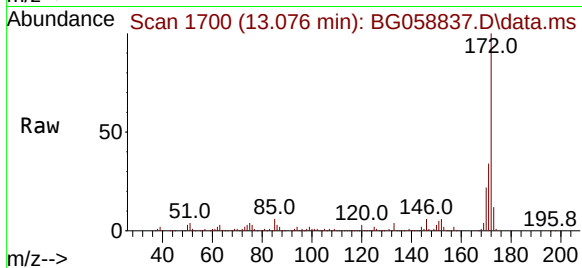
170 21.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#46

1,1'-Biphenyl

Concen: 46.562 ng

RT: 13.287 min Scan# 1736

Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

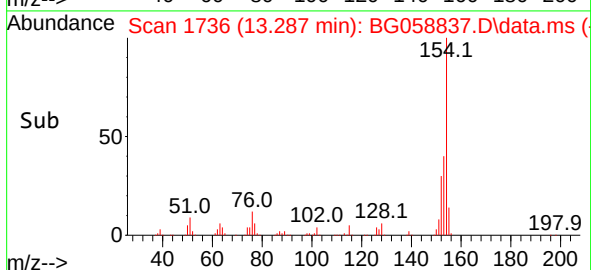
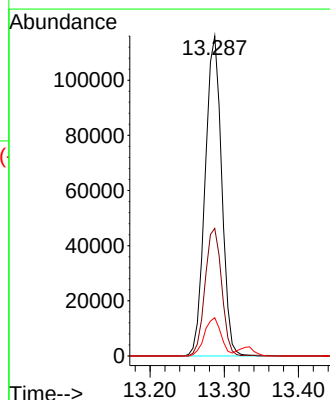
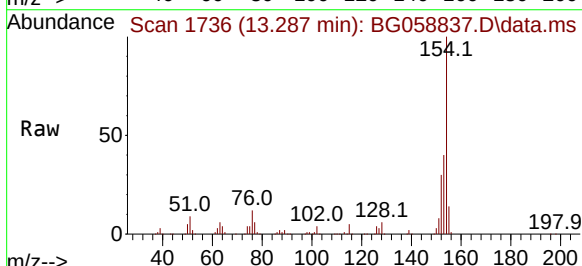
Tgt Ion:154 Resp: 179587

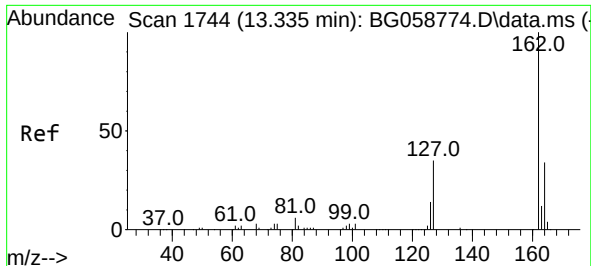
Ion Ratio Lower Upper

154 100

153 39.8 21.7 61.7

76 12.0 0.0 33.2





#47

2-Chloronaphthalene

Concen: 48.181 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

Tgt Ion:162 Resp: 144819

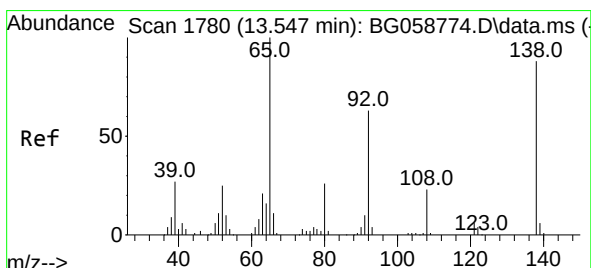
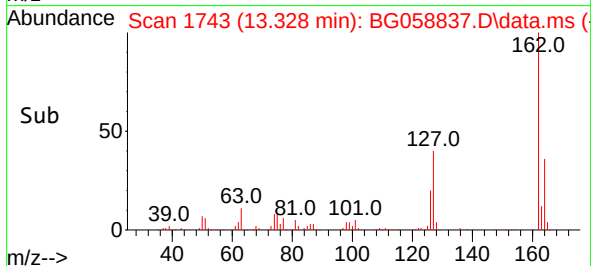
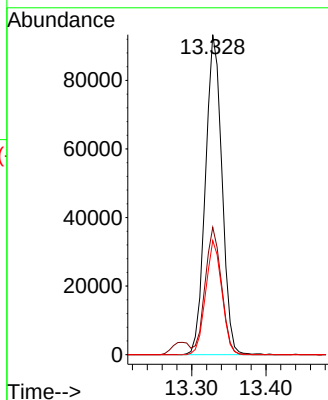
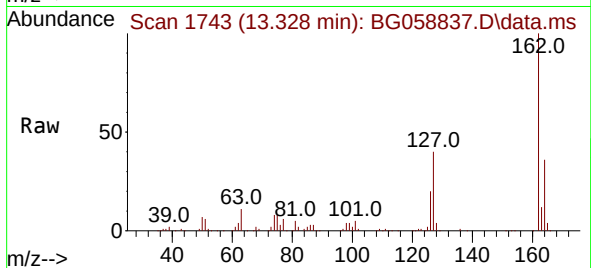
Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.5	47.3
164	35.7	27.3	40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#48

2-Nitroaniline

Concen: 49.059 ng

RT: 13.540 min Scan# 1779

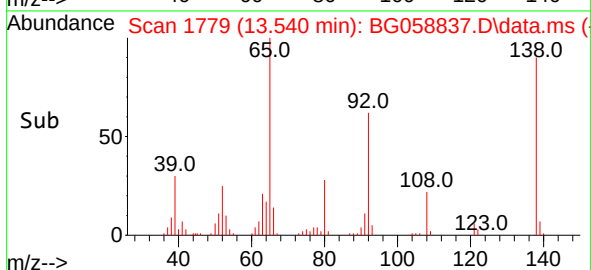
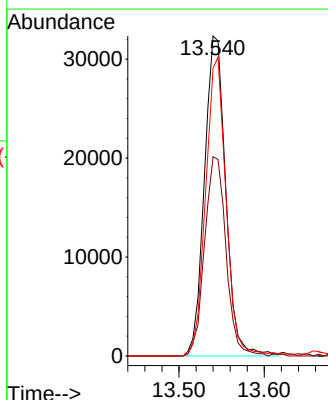
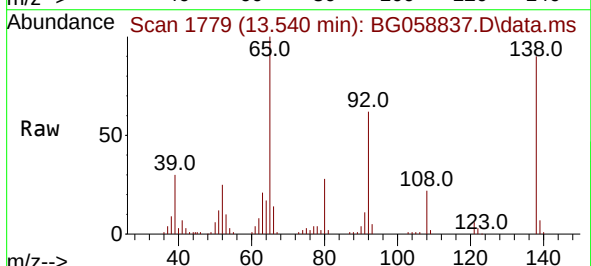
Delta R.T. -0.007 min

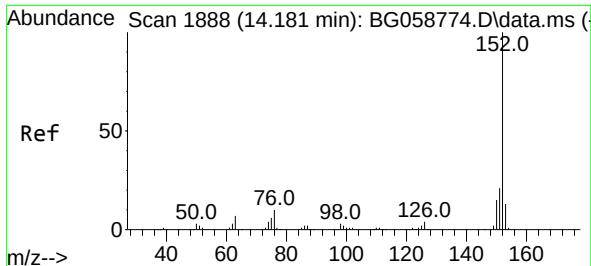
Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Tgt Ion: 65 Resp: 56004

Ion	Ratio	Lower	Upper
65	100		
92	62.3	50.7	76.1
138	90.0	70.7	106.1





#49
Acenaphthylene
Concen: 48.721 ng
RT: 14.174 min Scan# 1887
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

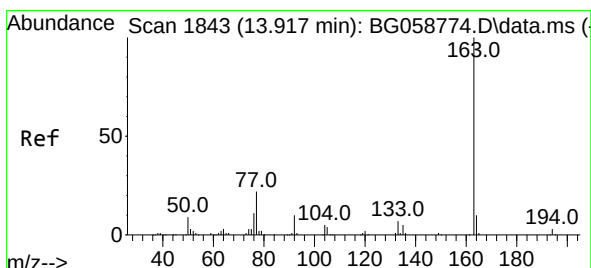
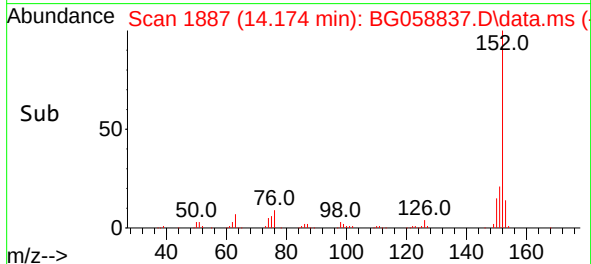
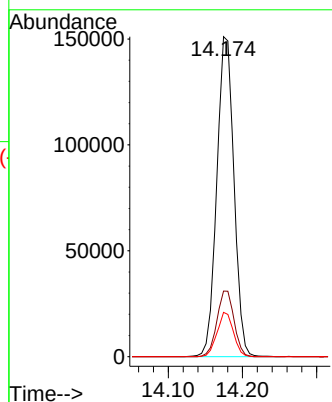
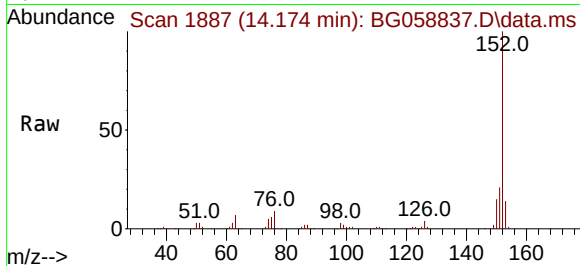
TP-IMSD

Tgt Ion:152 Resp: 242850
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.9 10.7 16.1

Manual Integrations

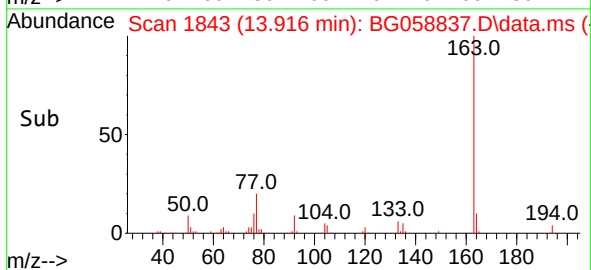
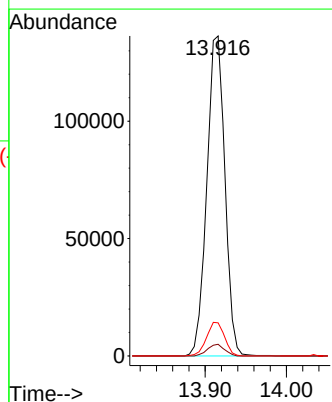
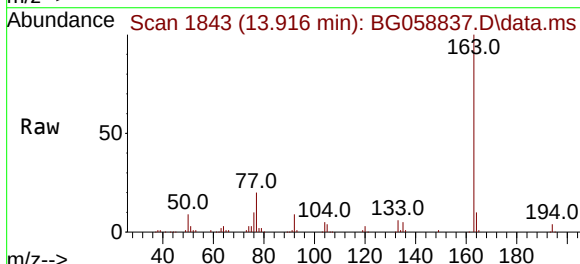
APPROVED

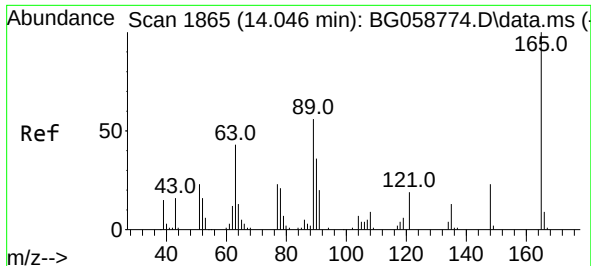
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#50
Dimethylphthalate
Concen: 48.466 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:163 Resp: 210105
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.3 12.5





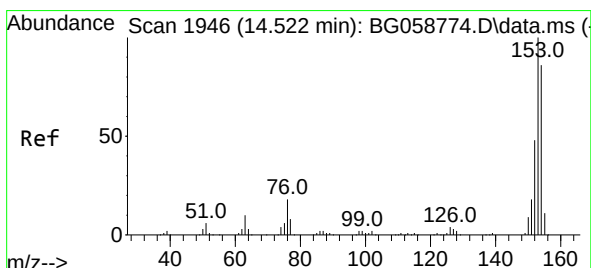
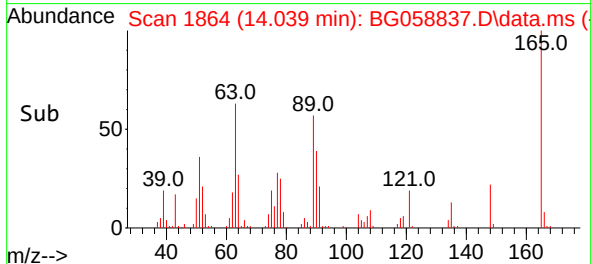
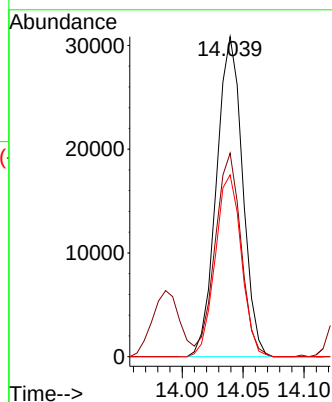
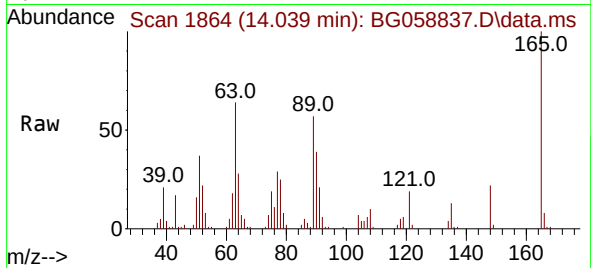
#51
2,6-Dinitrotoluene
Concen: 50.520 ng
RT: 14.039 min Scan# 1865
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :
BNA_G
ClientSampleId :
TP-IMSD

Tgt Ion:165 Resp: 4601
Ion Ratio Lower Upper
165 100
63 63.6 47.2 70.8
89 56.8 45.0 67.4

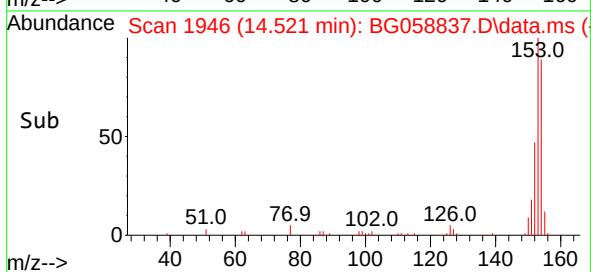
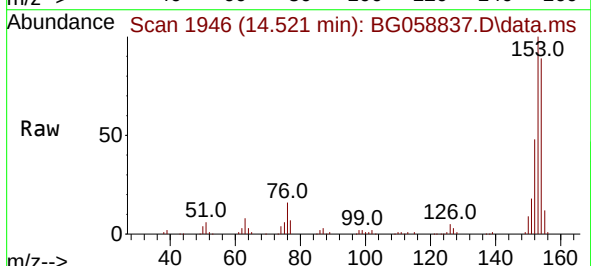
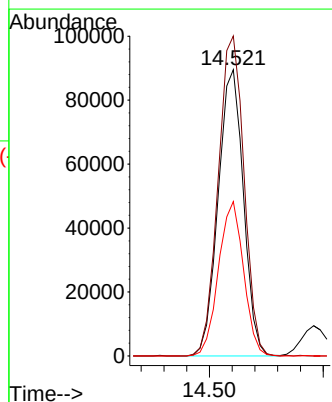
Manual Integrations
APPROVED

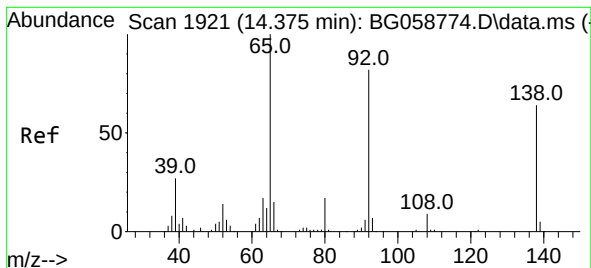
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#52
Acenaphthene
Concen: 47.428 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

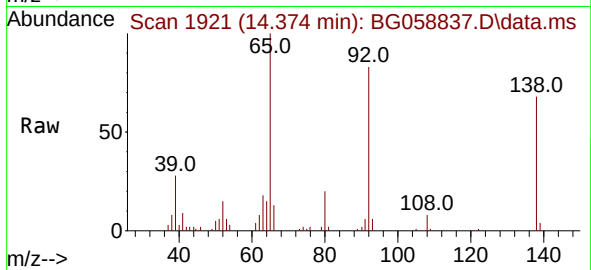
Tgt Ion:154 Resp: 138149
Ion Ratio Lower Upper
154 100
153 111.8 92.7 139.1
152 53.9 44.2 66.2





#53
3-Nitroaniline
Concen: 21.532 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

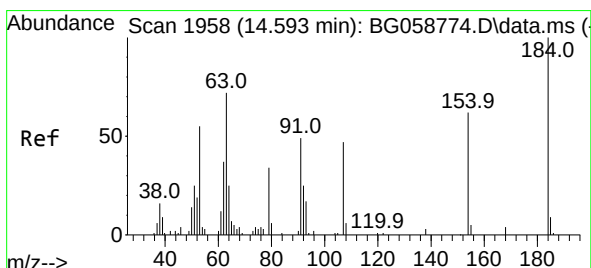
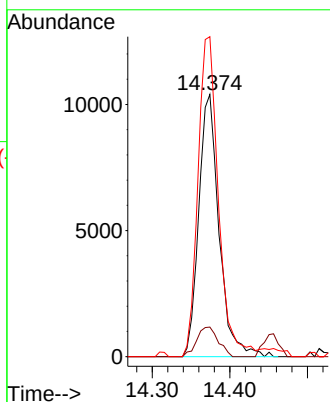
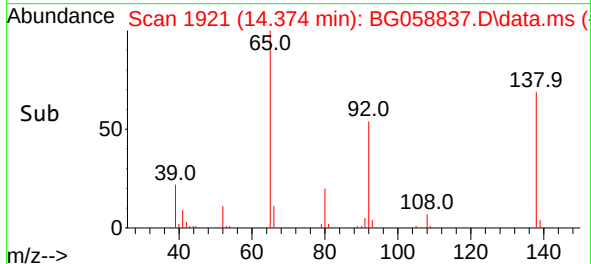
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion:138 Resp: 18914
Ion Ratio Lower Upper
138 100
108 11.3 11.8 17.8
92 122.0 102.5 153.7

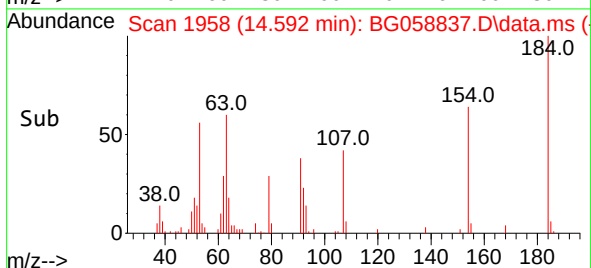
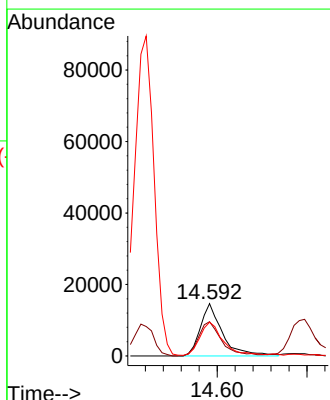
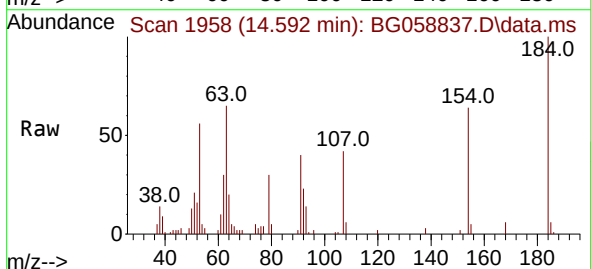
Manual Integrations
APPROVED

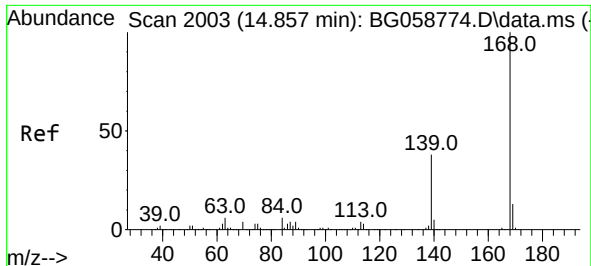
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#54
2,4-Dinitrophenol
Concen: 51.808 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:184 Resp: 25020
Ion Ratio Lower Upper
184 100
63 65.5 57.7 86.5
154 64.5 51.8 77.6





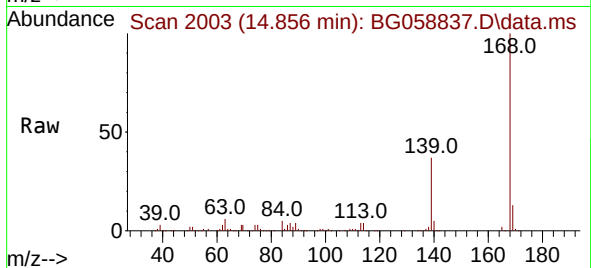
#55
Dibenzenofuran
Concen: 47.921 ng
RT: 14.856 min Scan# 2003
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

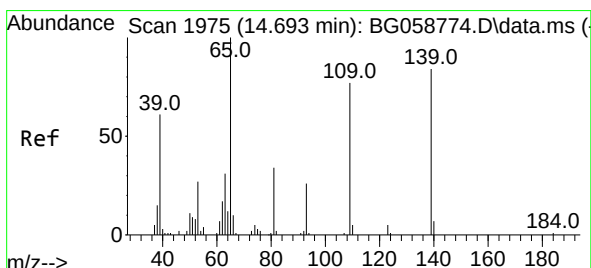
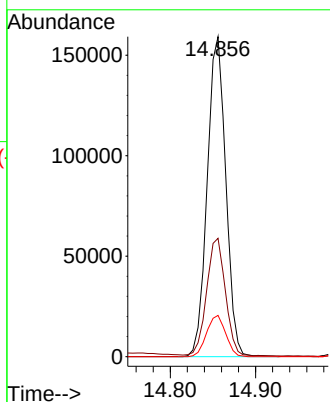
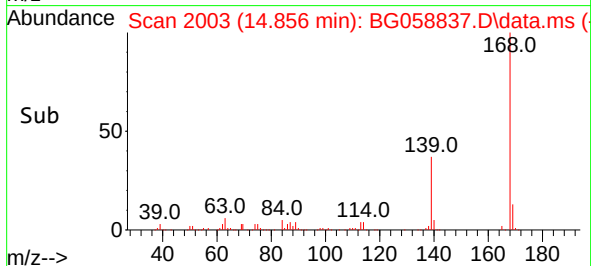


Tgt Ion:168 Resp: 240784
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 12.9 10.7 16.1

Manual Integrations

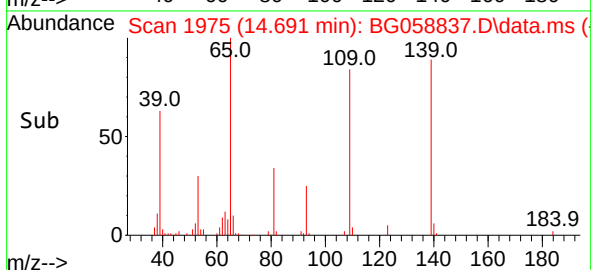
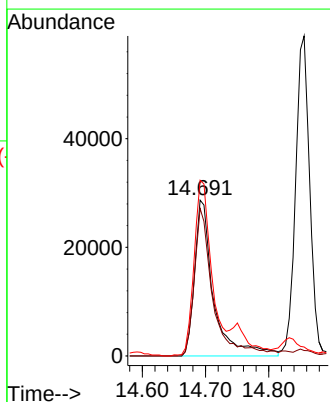
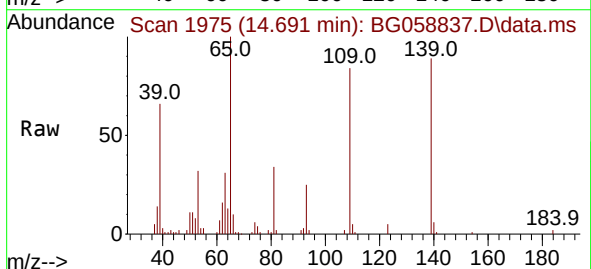
APPROVED

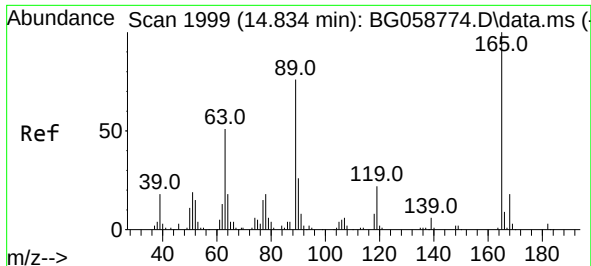
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#56
4-Nitrophenol
Concen: 94.087 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

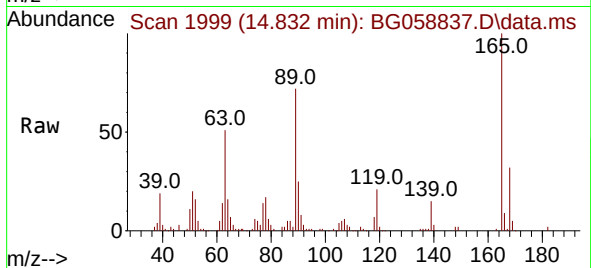
Tgt Ion:139 Resp: 60317
Ion Ratio Lower Upper
139 100
109 94.6 71.9 111.9
65 112.7 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 53.031 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

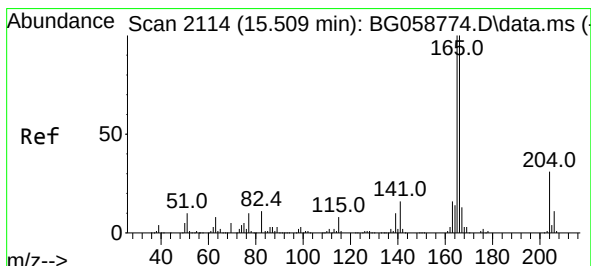
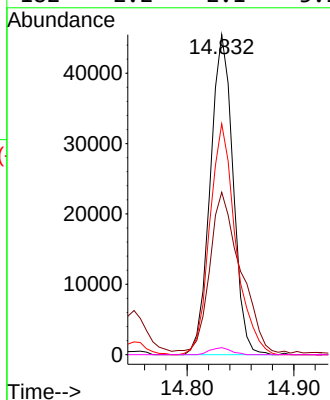
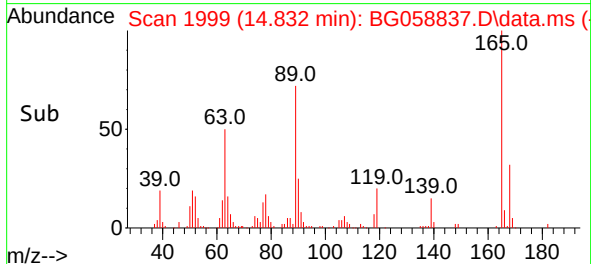
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



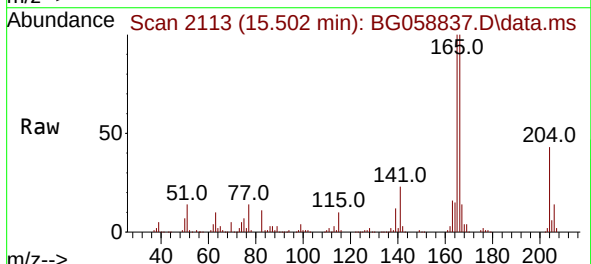
Tgt Ion:165 Resp: 6736
Ion Ratio Lower Upper
165 100
63 50.8 41.8 62.6
89 72.1 60.7 91.1
182 2.2 2.1 3.1

Manual Integrations
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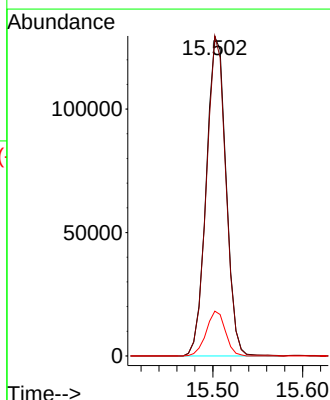
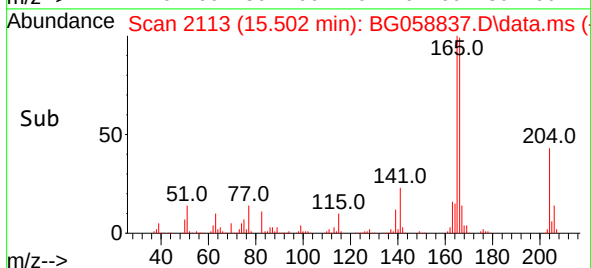
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

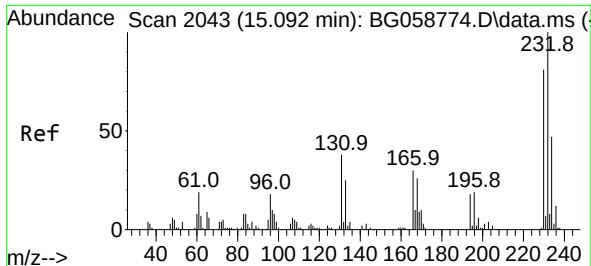


#58
Fluorene
Concen: 49.461 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



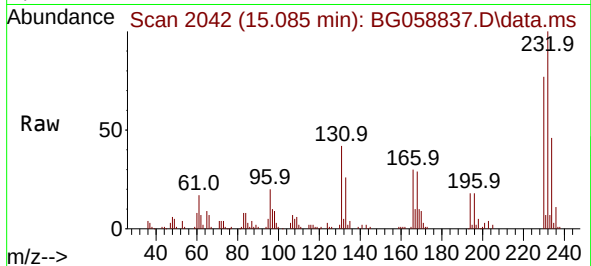
Tgt Ion:166 Resp: 197784
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 14.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.871 ng
RT: 15.085 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

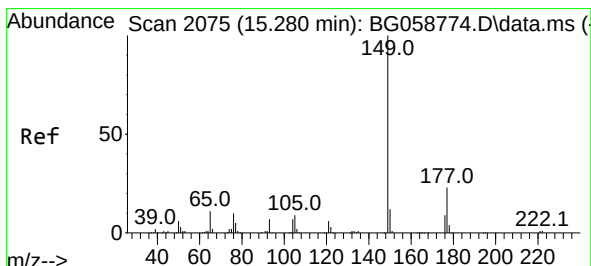
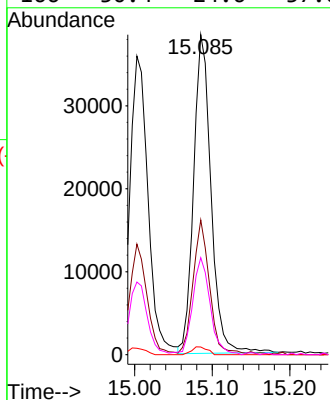
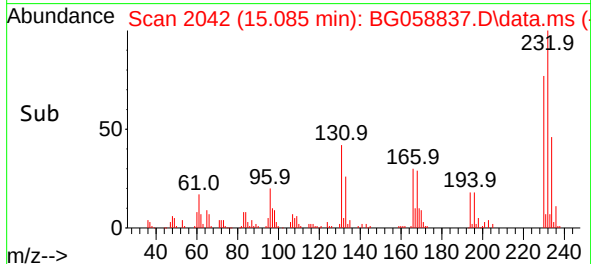
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion:232 Resp: 5996
Ion Ratio Lower Upper
232 100
131 38.9 33.9 50.9
130 2.2 1.8 2.6
166 30.4 24.6 37.0

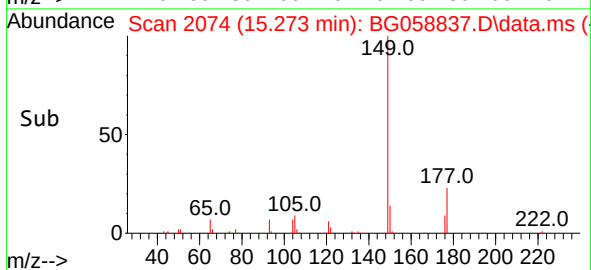
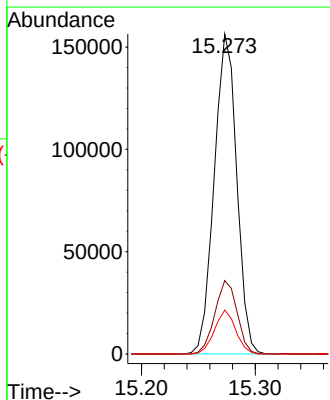
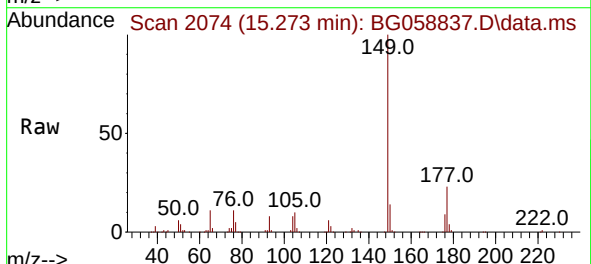
Manual Integrations
APPROVED

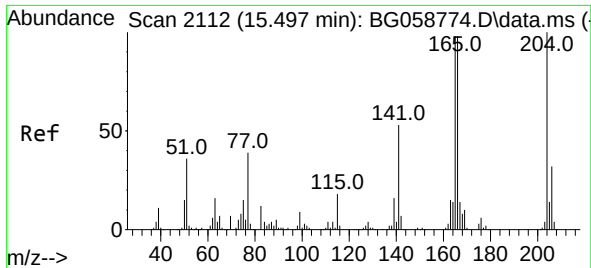
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#60
Diethylphthalate
Concen: 48.137 ng
RT: 15.273 min Scan# 2074
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

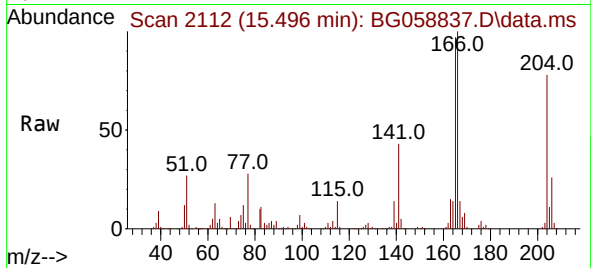
Tgt Ion:149 Resp: 215155
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 13.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.865 ng
RT: 15.496 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

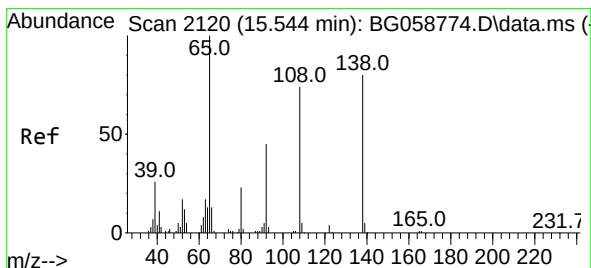
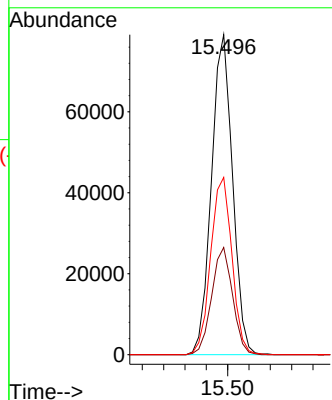
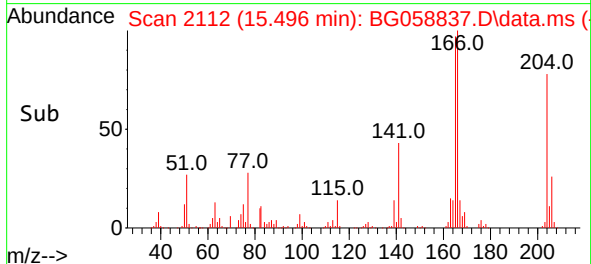
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion:204 Resp: 108304
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 55.4 42.3 63.5

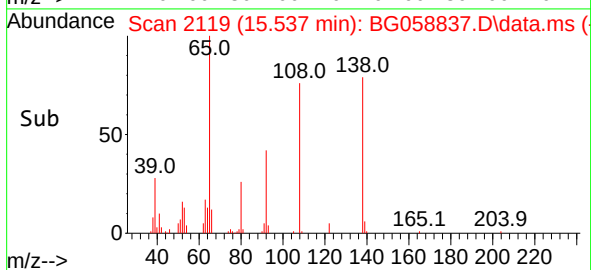
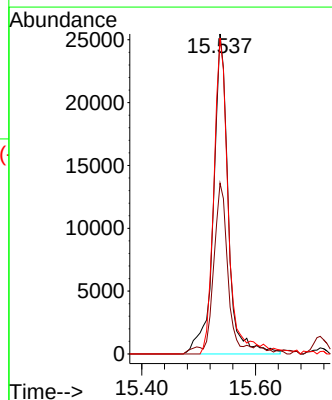
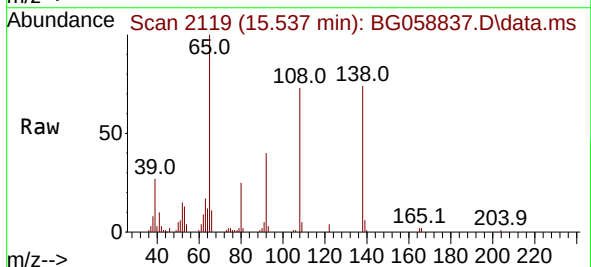
Manual Integrations
APPROVED

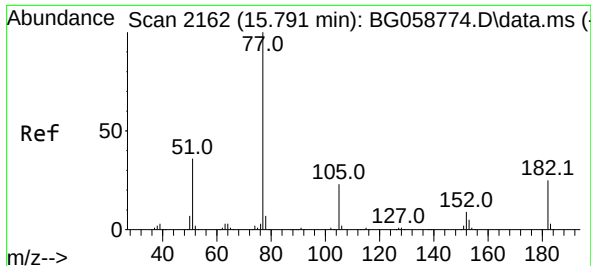
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#62
4-Nitroaniline
Concen: 51.483 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:138 Resp: 45893
Ion Ratio Lower Upper
138 100
92 53.3 36.4 76.4
108 98.8 72.2 112.2





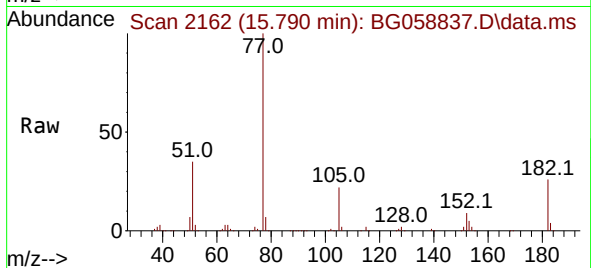
#63
Azobenzene
Concen: 47.862 ng
RT: 15.790 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

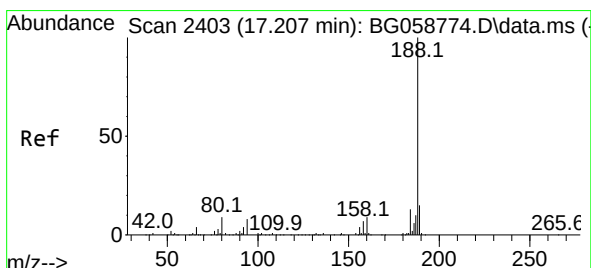
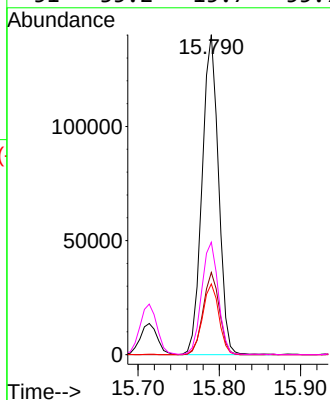
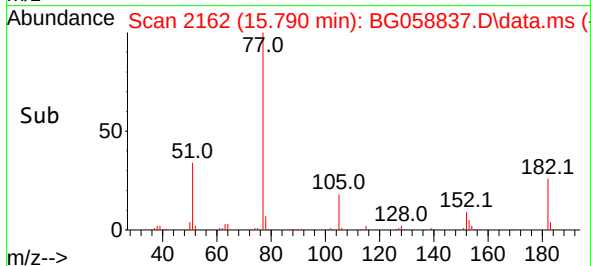


Tgt Ion: 77 Resp: 196434
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 22.1 2.8 42.8
51 35.2 15.7 55.7

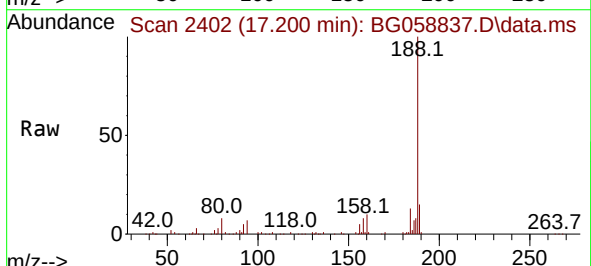
Manual Integrations

APPROVED

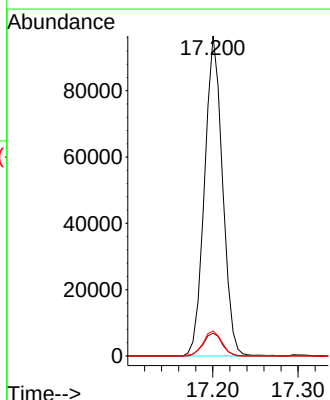
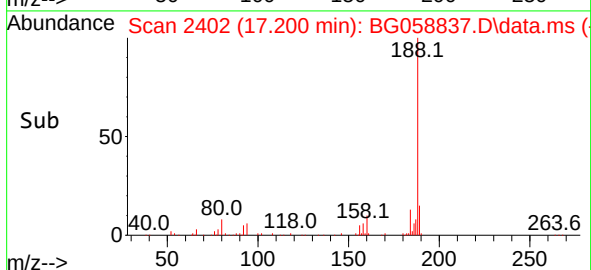
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

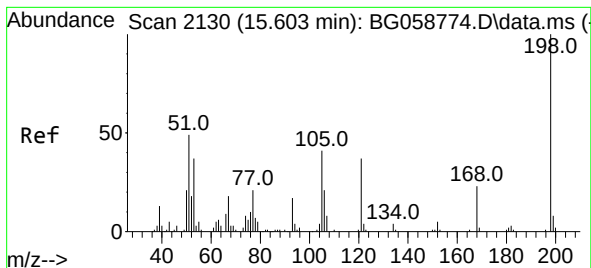


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



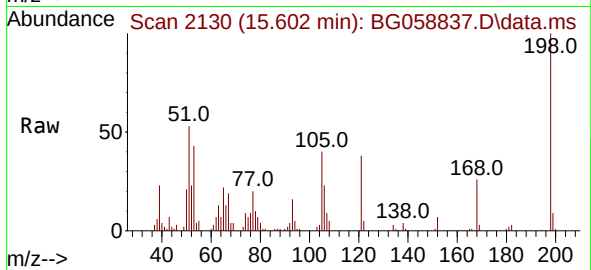
Tgt Ion:188 Resp: 141333
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 7.8 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 34.809 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

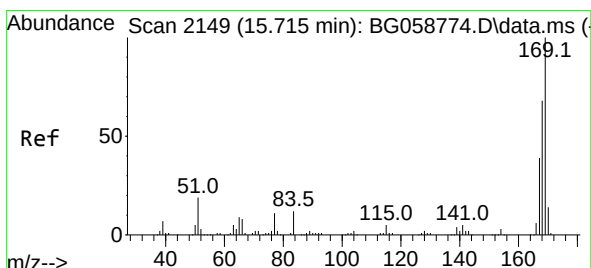
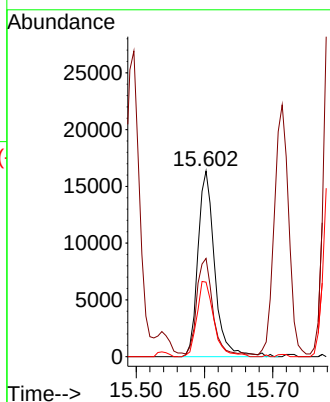
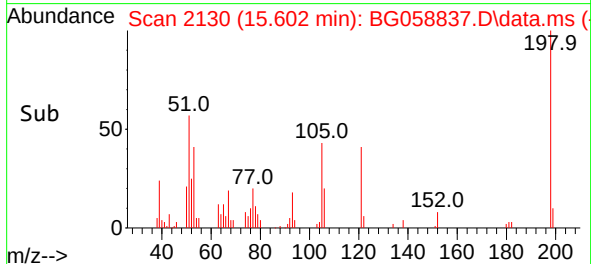
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



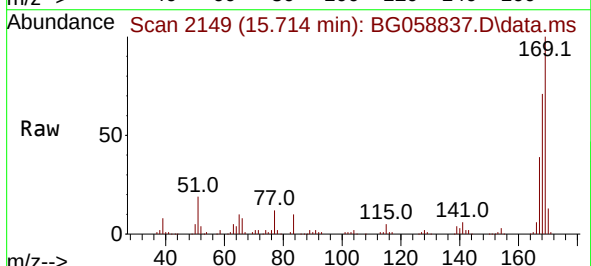
Tgt Ion:198 Resp: 27808
Ion Ratio Lower Upper
198 100
51 53.0 31.3 71.3
105 40.2 20.7 60.7

Manual Integrations
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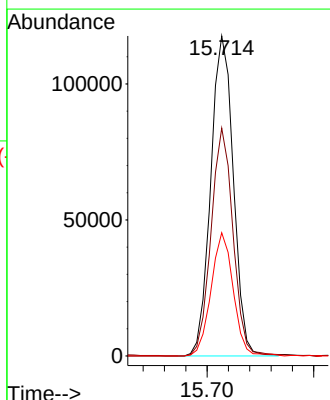
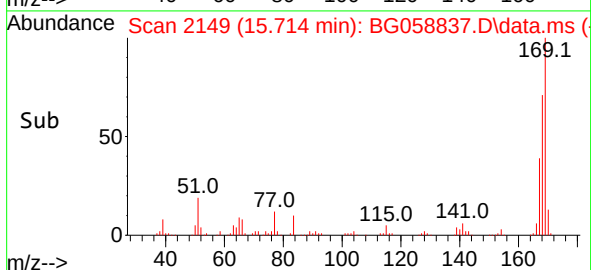
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

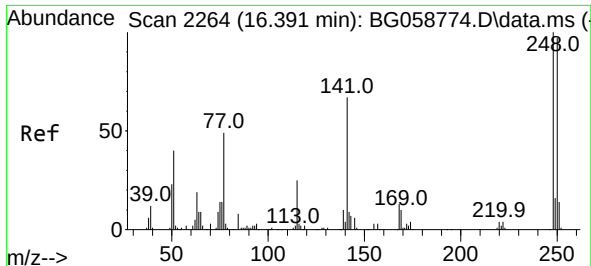


#66
n-Nitrosodiphenylamine
Concen: 47.542 ng
RT: 15.714 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



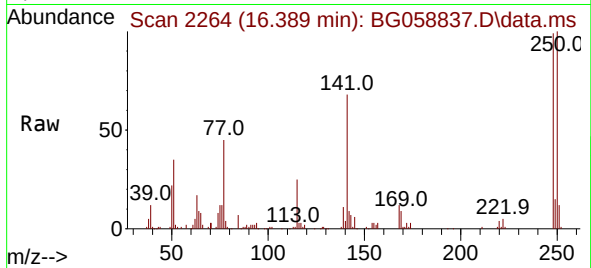
Tgt Ion:169 Resp: 173182
Ion Ratio Lower Upper
169 100
168 71.2 54.4 81.6
167 38.5 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 48.108 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

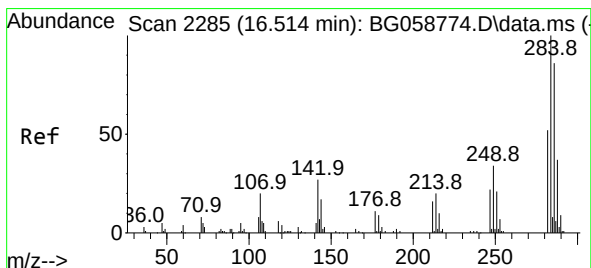
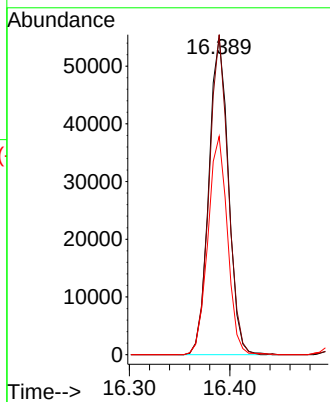
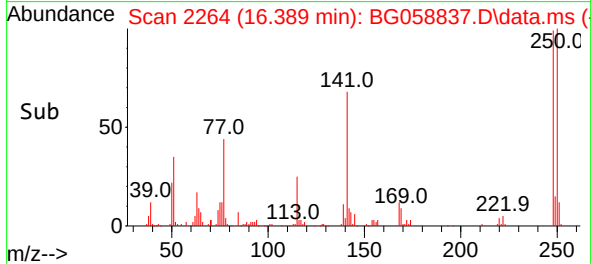
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



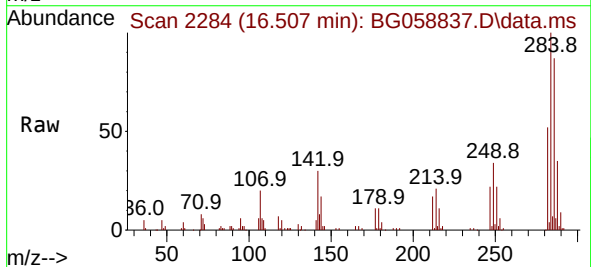
Tgt Ion:248 Resp: 7461
Ion Ratio Lower Upper
248 100
250 101.1 77.7 116.5
141 69.0 53.6 80.4

Manual Integrations
APPROVED

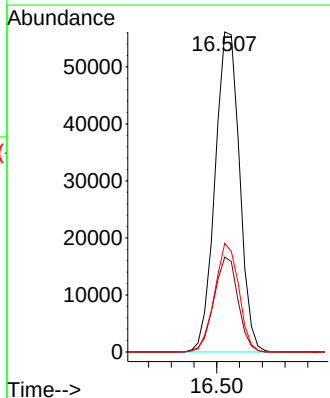
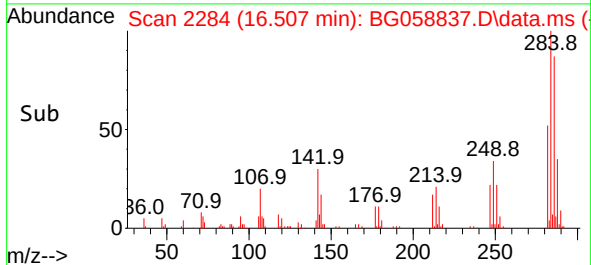
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

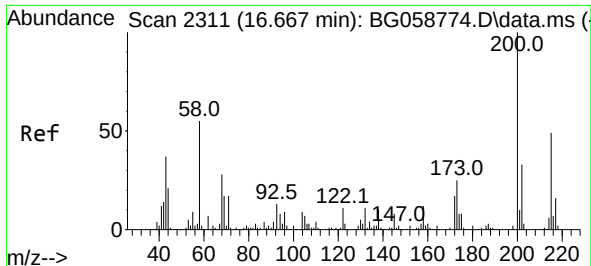


#68
Hexachlorobenzene
Concen: 50.397 ng
RT: 16.507 min Scan# 2284
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



Tgt Ion:284 Resp: 84123
Ion Ratio Lower Upper
284 100
142 29.6 22.0 33.0
249 34.0 27.2 40.8





#69
 Atrazine
 Concen: 58.309 ng
 RT: 16.666 min Scan# 211
 Delta R.T. -0.001 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

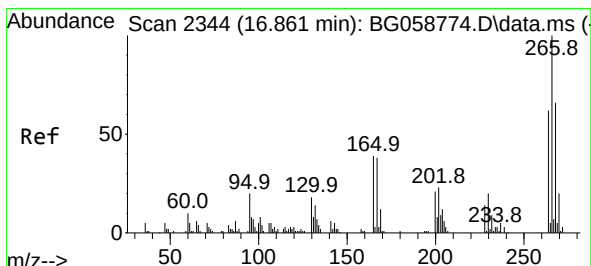
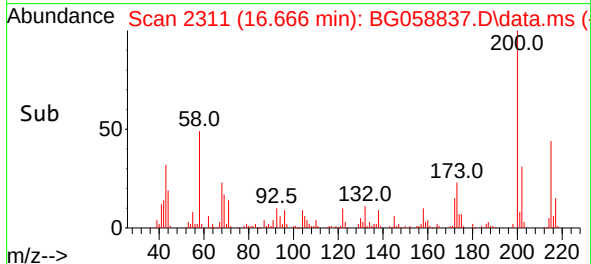
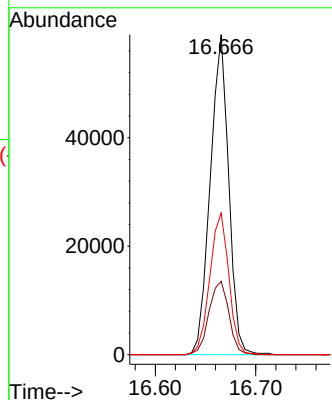
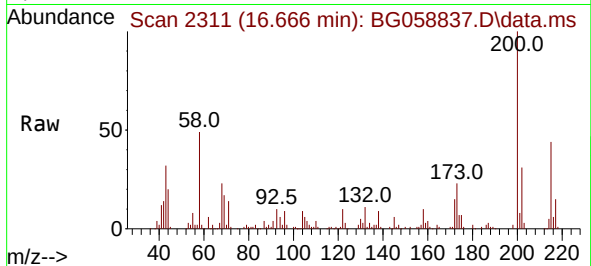
TP-IMSD

Tgt Ion:200 Resp: 75169
 Ion Ratio Lower Upper
 200 100
 173 23.0 5.3 45.3
 215 44.3 29.4 69.4

Manual Integrations

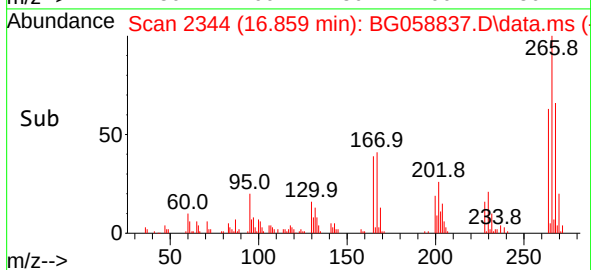
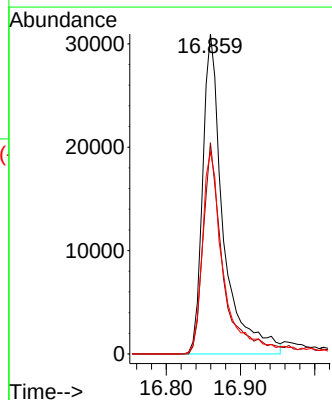
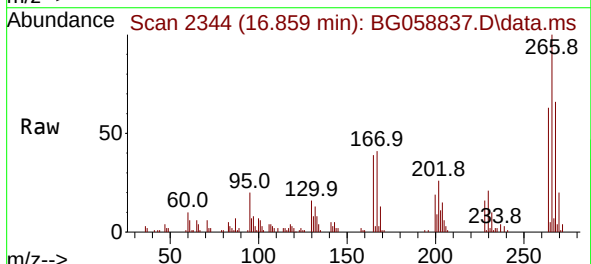
APPROVED

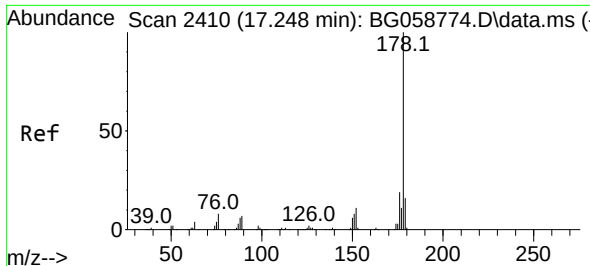
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#70
 Pentachlorophenol
 Concen: 68.414 ng
 RT: 16.859 min Scan# 2344
 Delta R.T. -0.002 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54

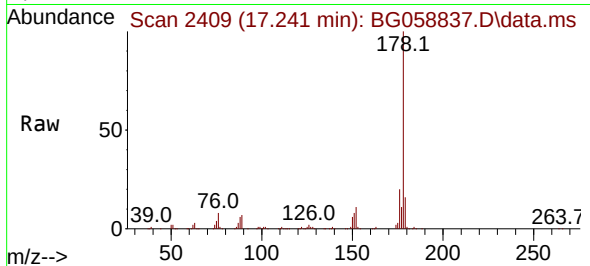
Tgt Ion:266 Resp: 59881
 Ion Ratio Lower Upper
 266 100
 268 66.0 52.7 79.1
 264 63.1 49.5 74.3





#71
Phenanthrene
Concen: 48.394 ng
RT: 17.241 min Scan# 2410
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

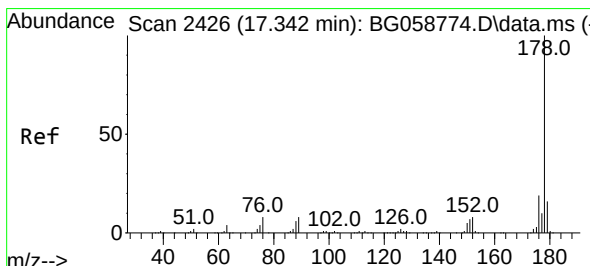
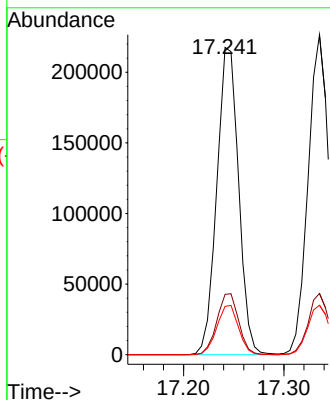
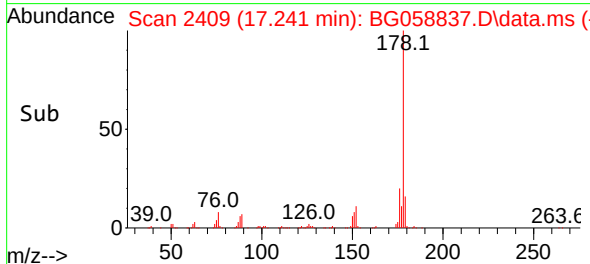
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



Tgt Ion:178 Resp: 32835
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 13.0 19.4

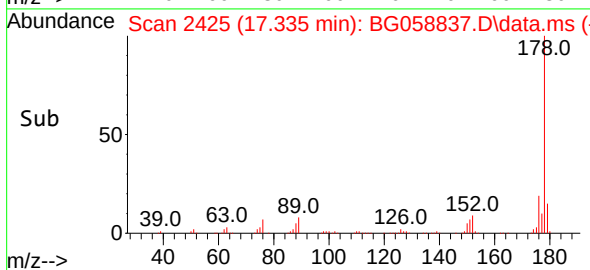
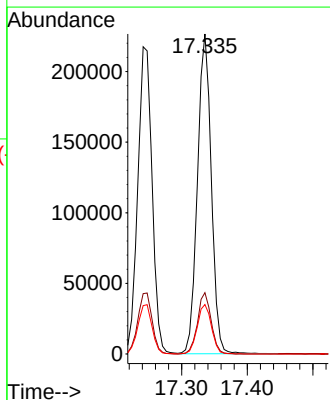
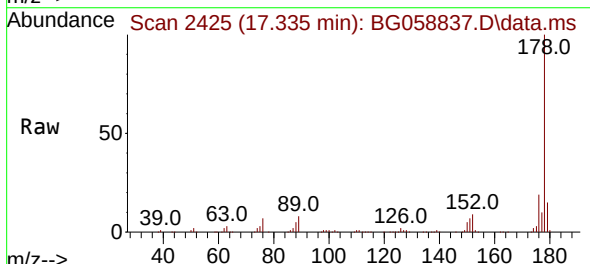
Manual Integrations
APPROVED

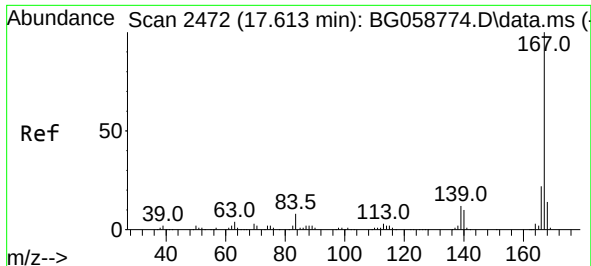
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#72
Anthracene
Concen: 48.870 ng
RT: 17.335 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

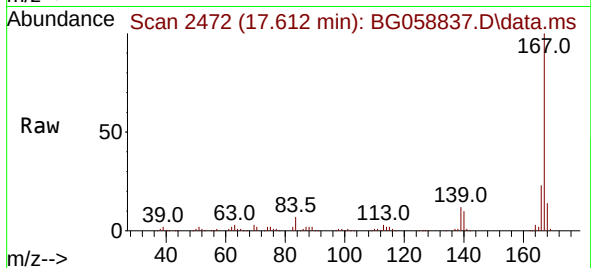
Tgt Ion:178 Resp: 332563
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.9 19.3





#73
 Carbazole
 Concen: 49.755 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.001 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54

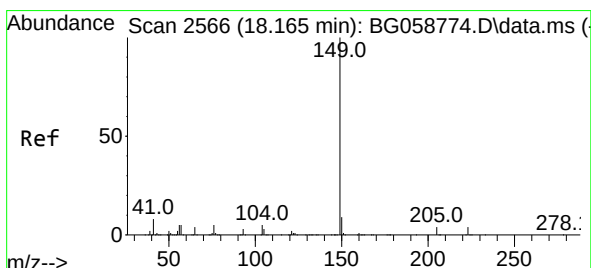
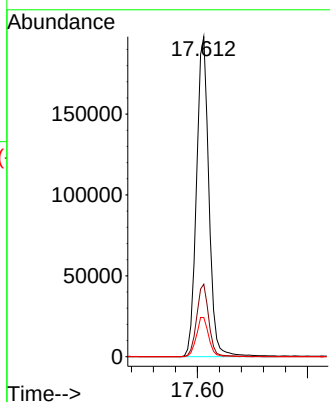
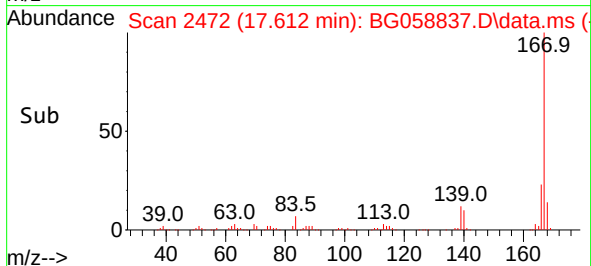
Instrument :
 BNA_G
 ClientSampleId :
 TP-IMSD



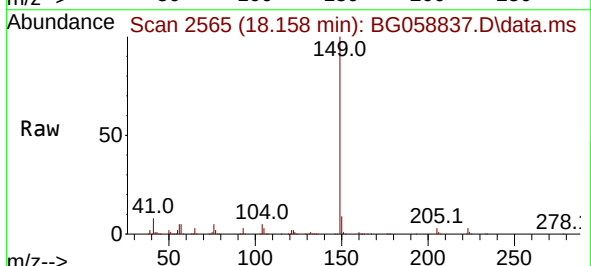
Tgt Ion:167 Resp: 310050
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.2
 139 12.2 9.7 14.5

Manual Integrations
 APPROVED

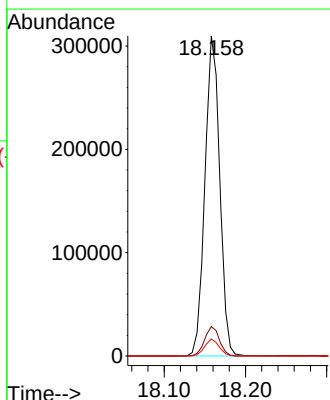
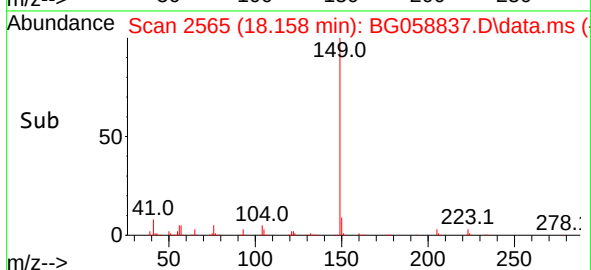
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

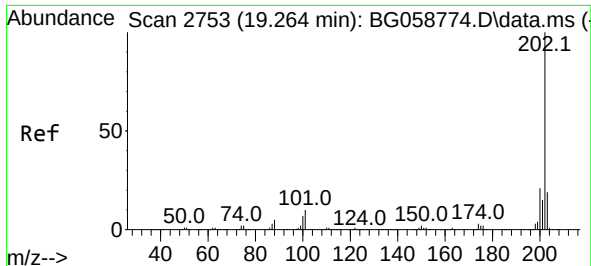


#74
 Di-n-butylphthalate
 Concen: 49.714 ng
 RT: 18.158 min Scan# 2565
 Delta R.T. -0.007 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54



Tgt Ion:149 Resp: 390804
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.3 4.3 6.5





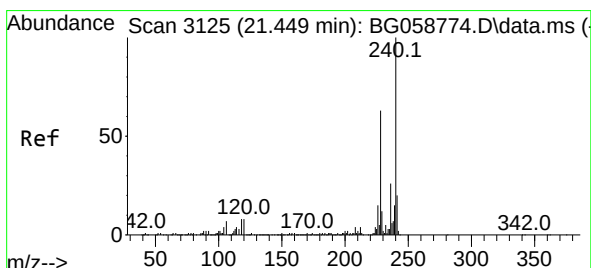
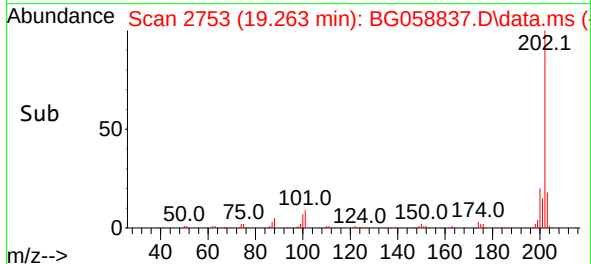
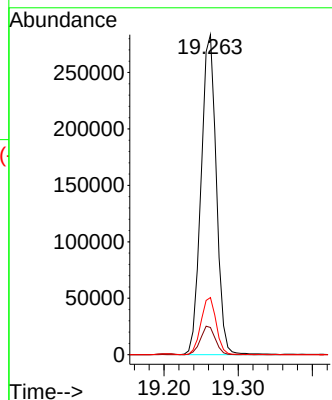
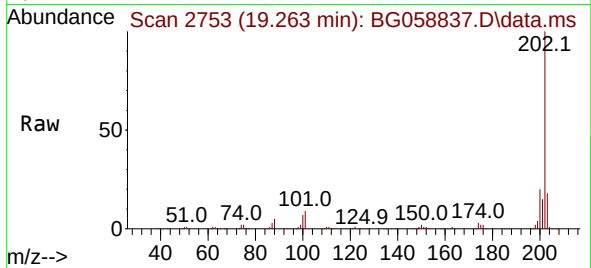
#75
Fluoranthene
Concen: 48.203 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Instrument :
BNA_G
ClientSampleId :
TP-IMSD

Tgt Ion:202 Resp: 40558
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.7
203 17.8 0.0 38.7

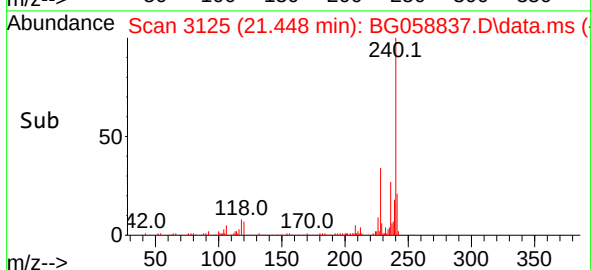
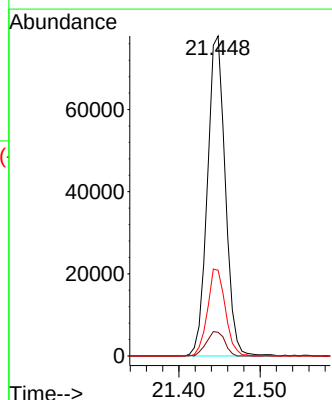
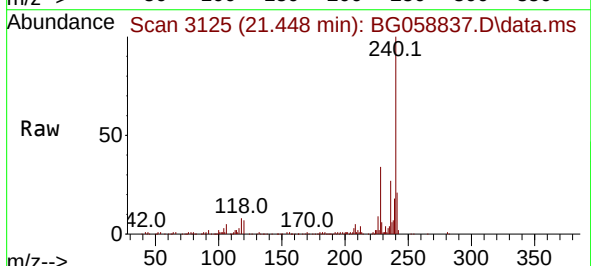
Manual Integrations
APPROVED

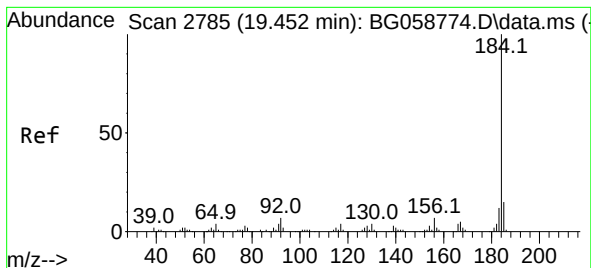
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

Tgt Ion:240 Resp: 118926
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.2
236 26.8 20.5 30.7





#77

Benzidine

Concen: 25.406 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

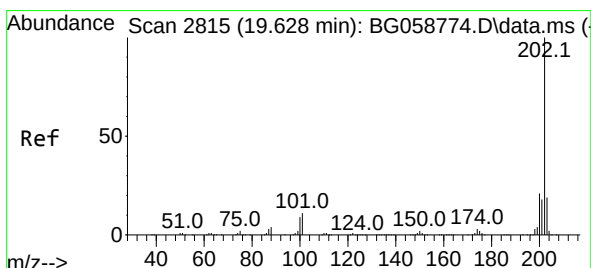
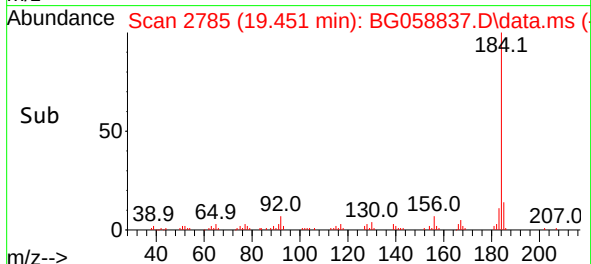
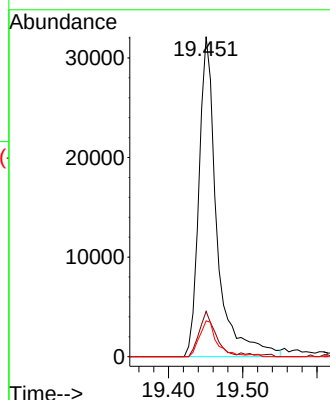
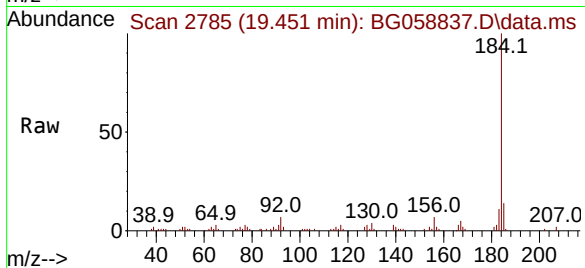
Tgt Ion:184	Resp:	54149
Ion Ratio	Lower	Upper
184	100	
185	14.2	11.9 17.9
183	11.2	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#78

Pyrene

Concen: 50.441 ng

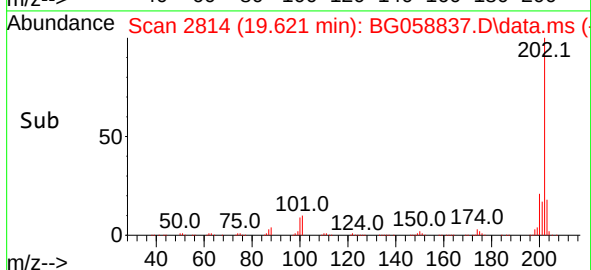
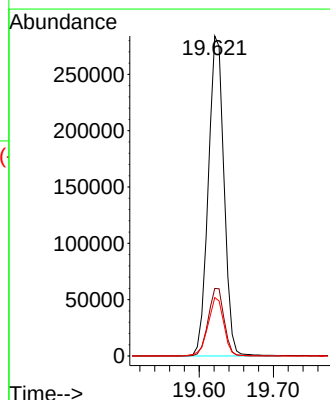
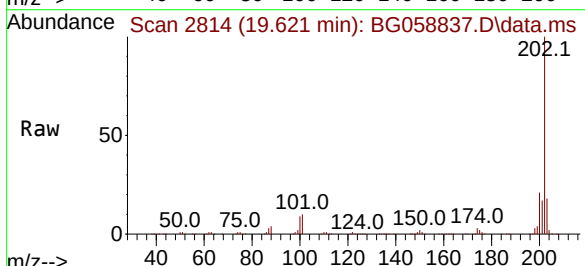
RT: 19.621 min Scan# 2814

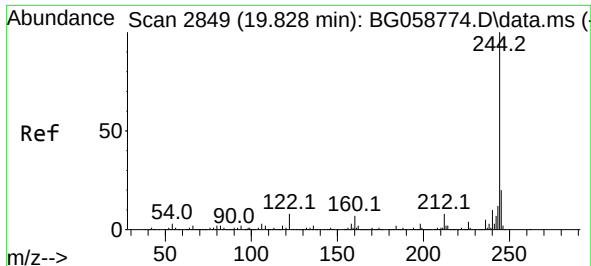
Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Tgt Ion:202	Resp:	417975
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.7 25.1
203	18.3	15.3 22.9





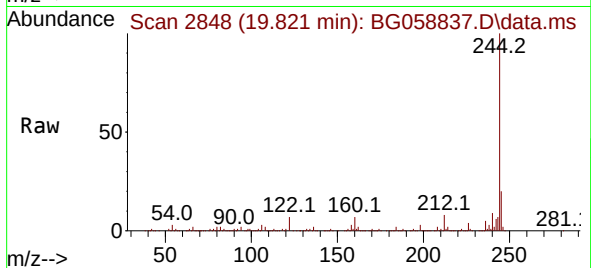
#79
 Terphenyl-d14
 Concen: 98.312 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

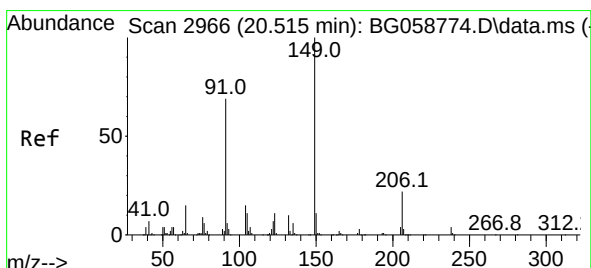
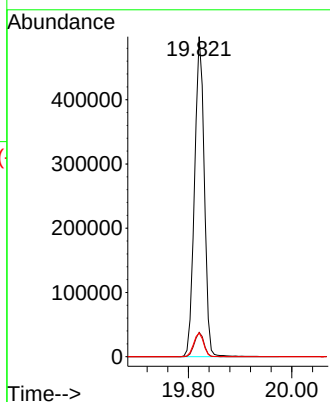
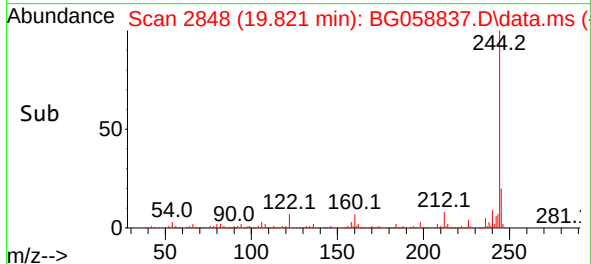


Tgt Ion:244 Resp: 65114
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.4 6.3 9.5

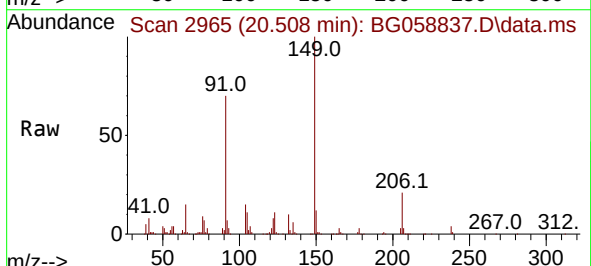
Manual Integrations

APPROVED

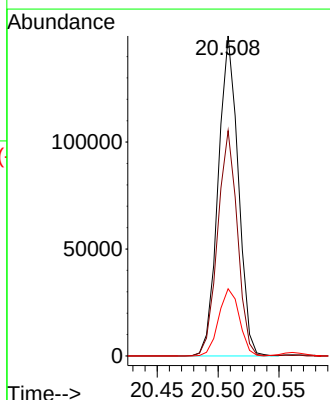
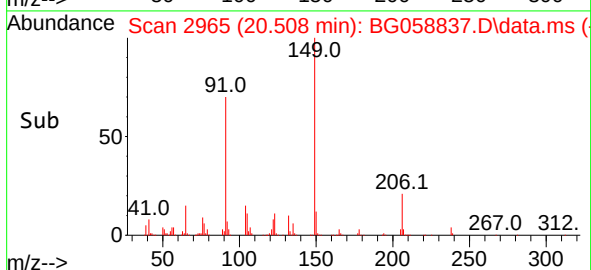
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

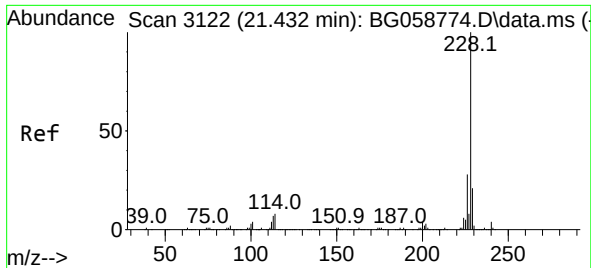


#80
 Butylbenzylphthalate
 Concen: 51.014 ng
 RT: 20.508 min Scan# 2965
 Delta R.T. -0.007 min
 Lab File: BG058837.D
 Acq: 24 Aug 2023 13:54



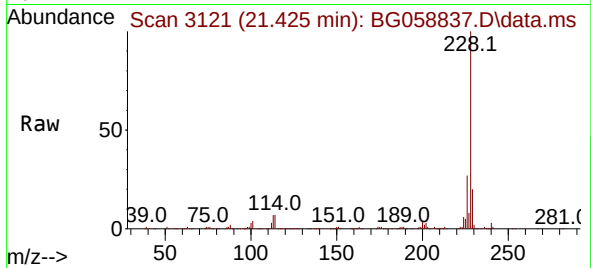
Tgt Ion:149 Resp: 171442
 Ion Ratio Lower Upper
 149 100
 91 70.4 55.0 82.4
 206 21.0 17.6 26.4





#81
Benzo(a)anthracene
Concen: 49.863 ng
RT: 21.425 min Scan# 3122
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

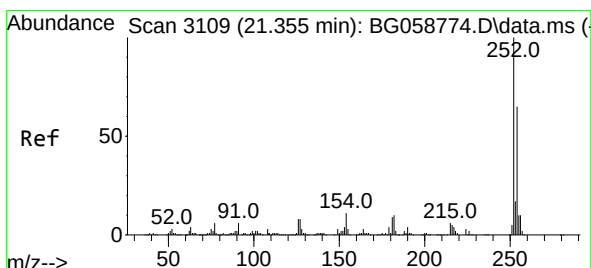
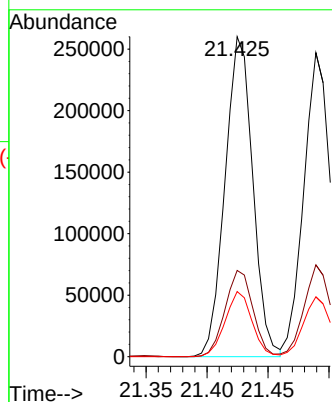
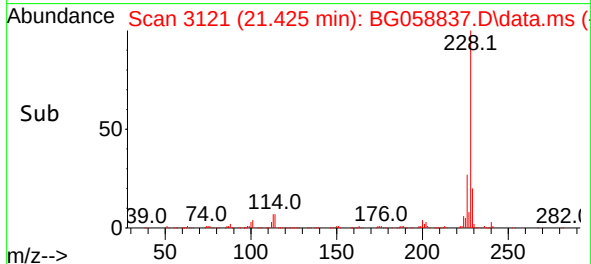
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



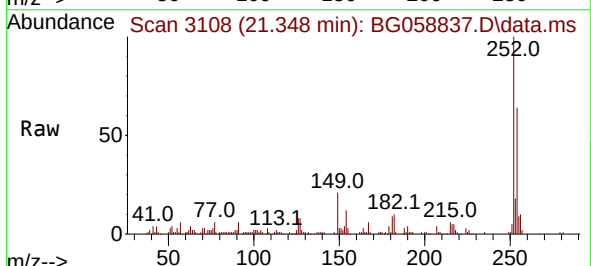
Tgt Ion:228 Resp: 412784
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 20.4 16.8 25.2

Manual Integrations
APPROVED

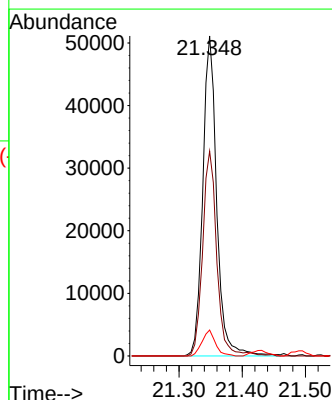
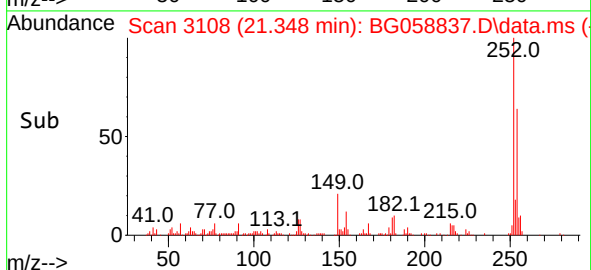
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

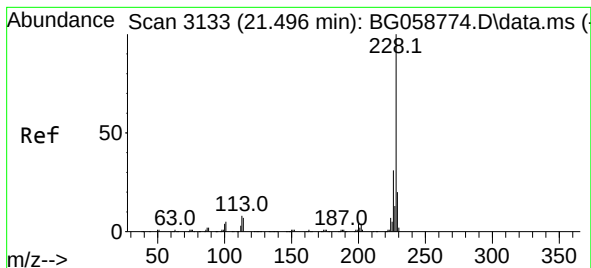


#82
3,3'-Dichlorobenzidine
Concen: 27.506 ng
RT: 21.348 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



Tgt Ion:252 Resp: 78615
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.6
126 8.1 6.6 9.8





#83

Chrysene

Concen: 47.694 ng

RT: 21.489 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

Tgt Ion:228 Resp: 38056

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

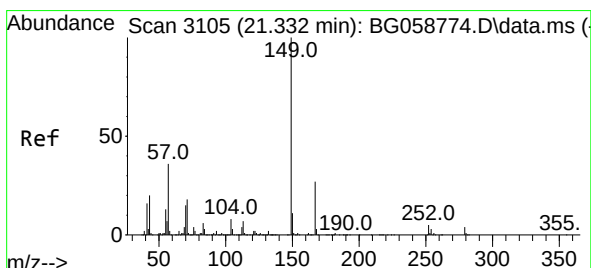
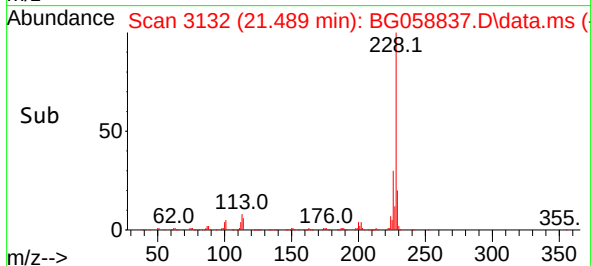
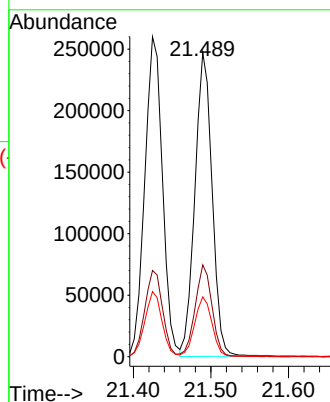
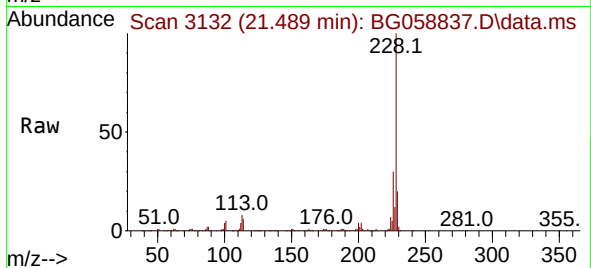
229 19.7 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.448 ng

RT: 21.331 min Scan# 3105

Delta R.T. -0.001 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

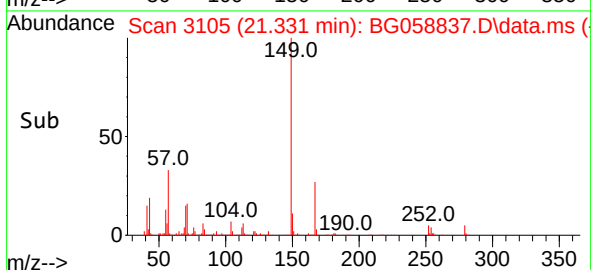
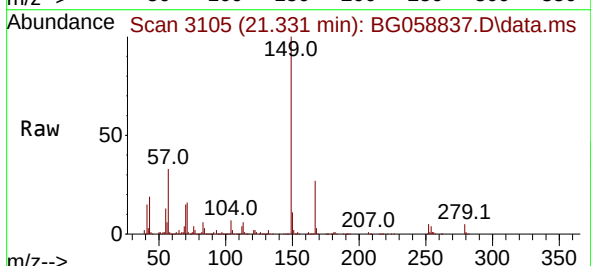
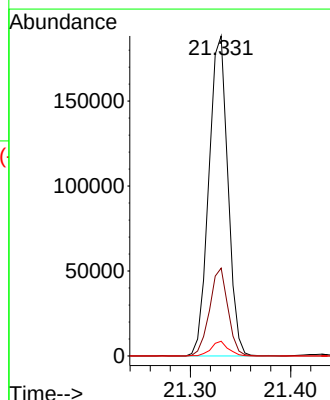
Tgt Ion:149 Resp: 248660

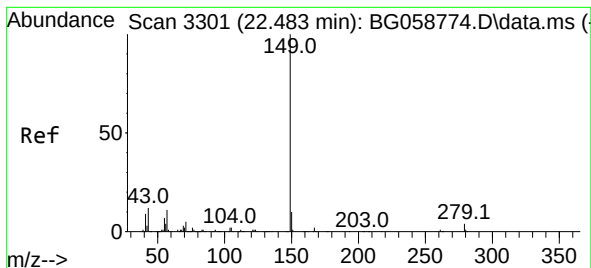
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.548 ng

RT: 22.476 min Scan# 3301

Delta R.T. -0.007 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP-IMSD

Tgt Ion:149 Resp: 428539

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

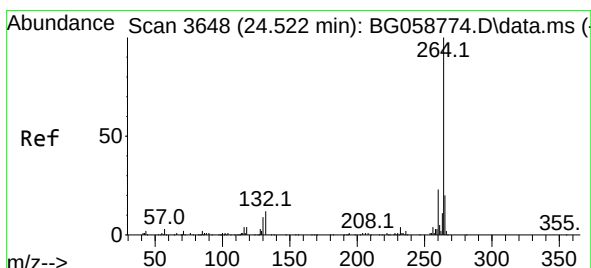
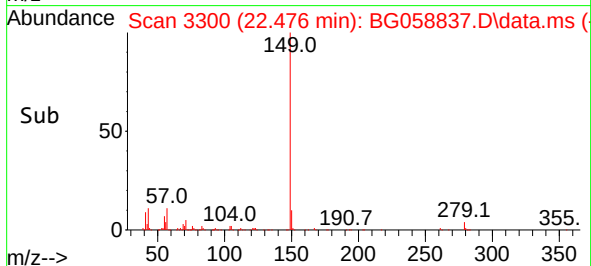
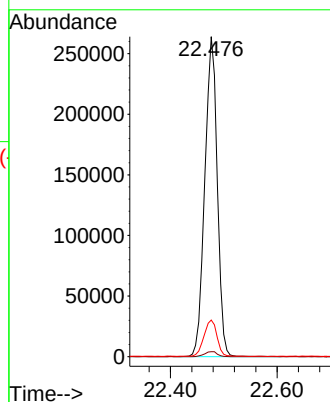
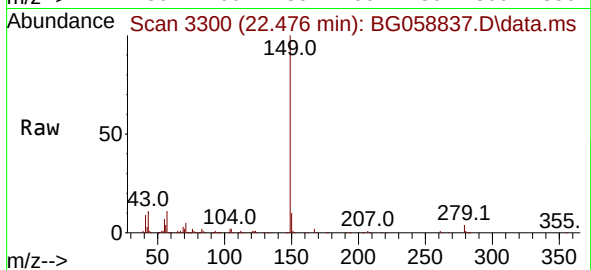
43 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.509 min Scan# 3646

Delta R.T. -0.013 min

Lab File: BG058837.D

Acq: 24 Aug 2023 13:54

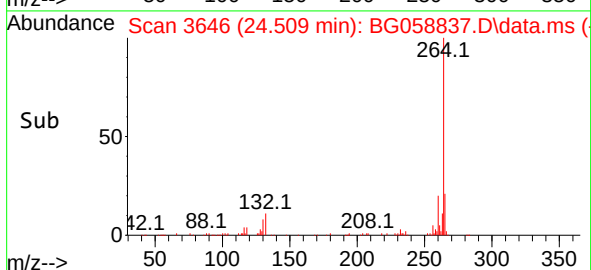
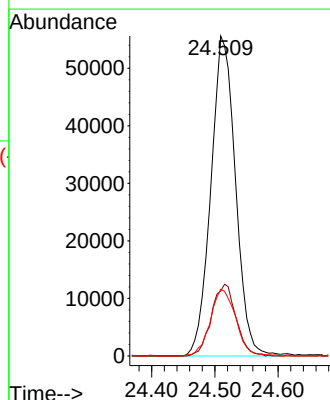
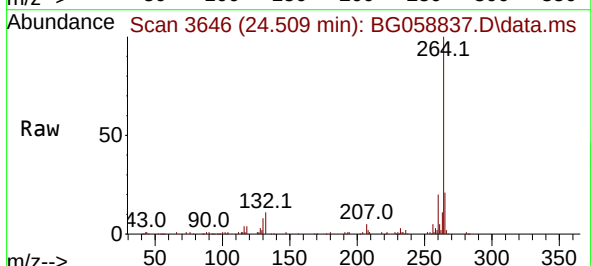
Tgt Ion:264 Resp: 150279

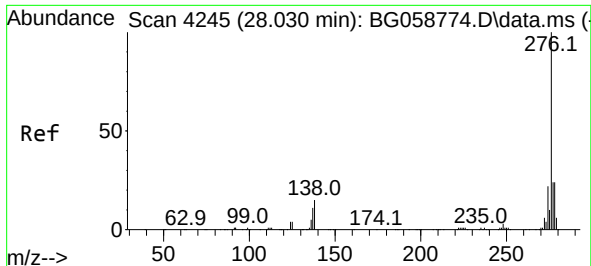
Ion Ratio Lower Upper

264 100

260 20.3 18.2 27.2

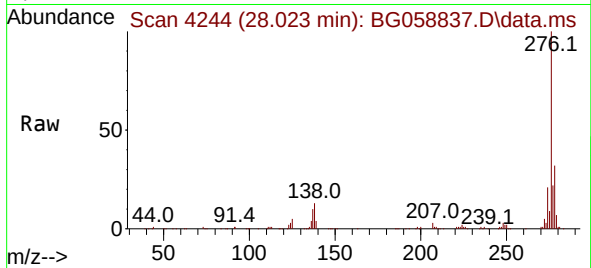
265 20.8 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.098 ng
RT: 28.023 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

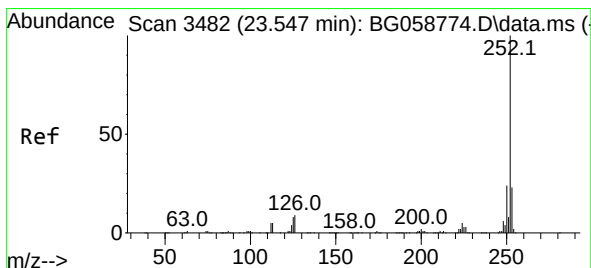
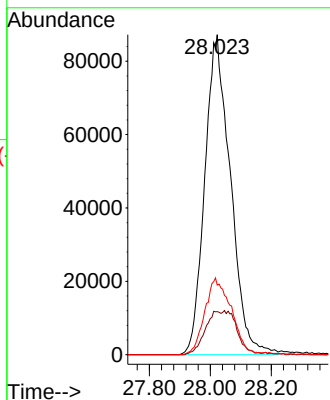
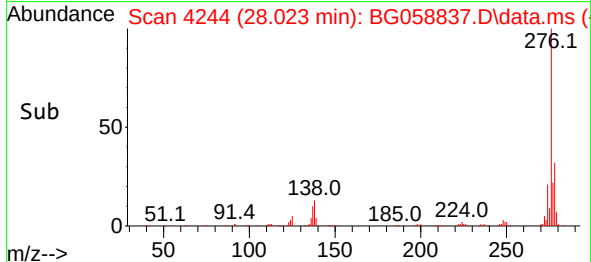
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



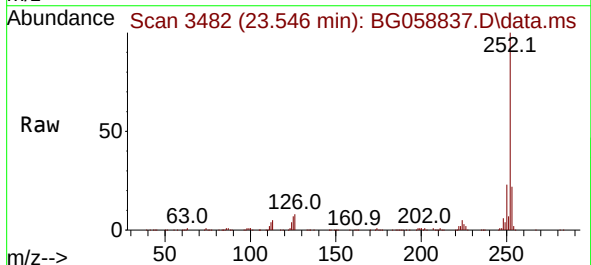
Tgt Ion:276 Resp: 509364
Ion Ratio Lower Upper
276 100
138 8.4 6.2 9.2
277 24.7 20.4 30.6

Manual Integrations
APPROVED

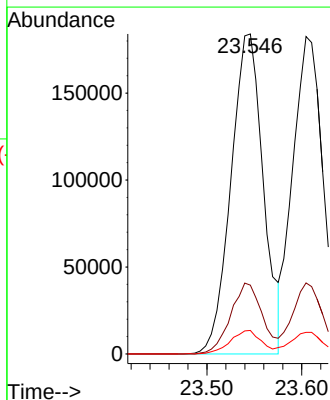
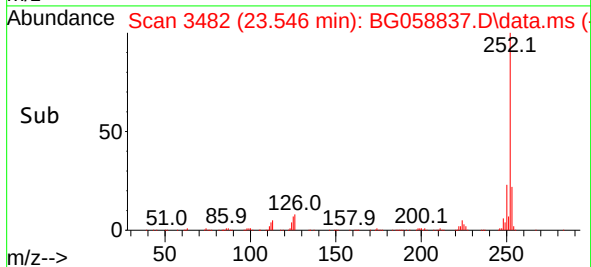
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

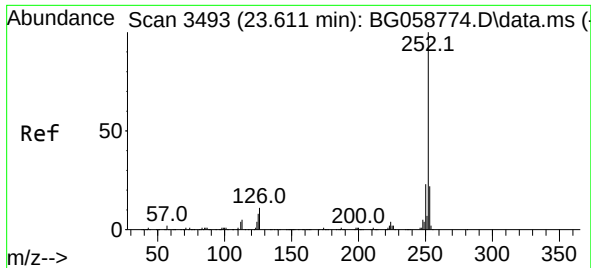


#88
Benzo(b)fluoranthene
Concen: 52.436 ng
RT: 23.546 min Scan# 3482
Delta R.T. -0.001 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



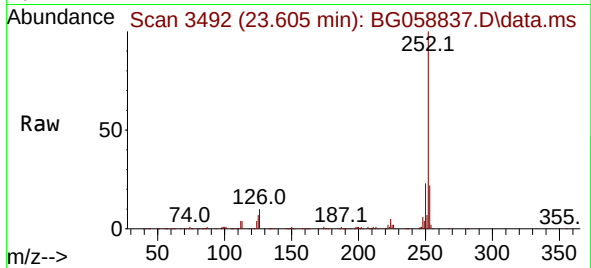
Tgt Ion:252 Resp: 437227
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 7.3 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 47.812 ng
RT: 23.605 min Scan# 3493
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

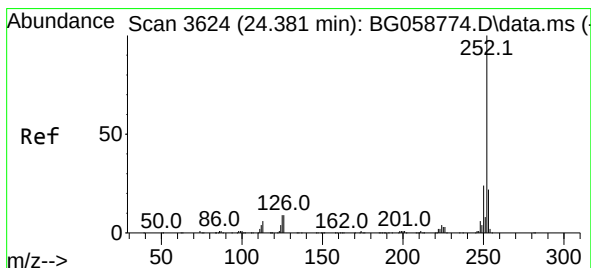
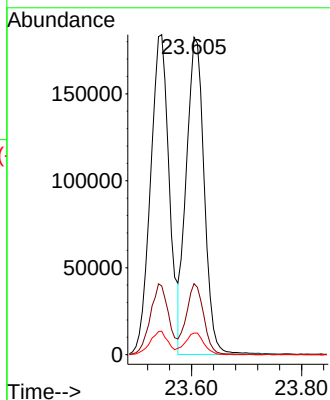
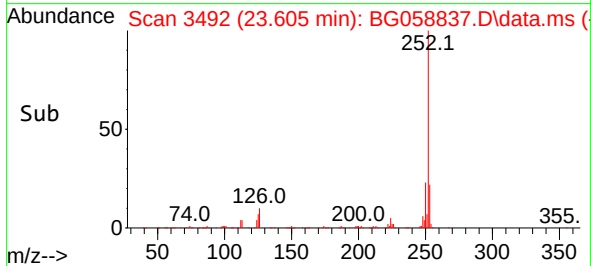
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



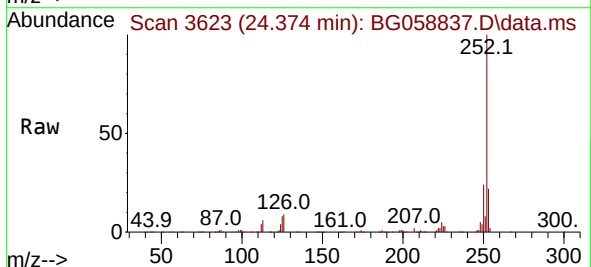
Tgt Ion:252 Resp: 41114
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 6.8 6.3 9.5

Manual Integrations
APPROVED

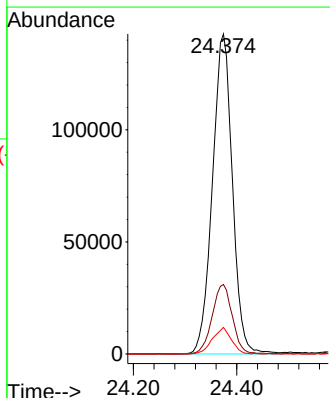
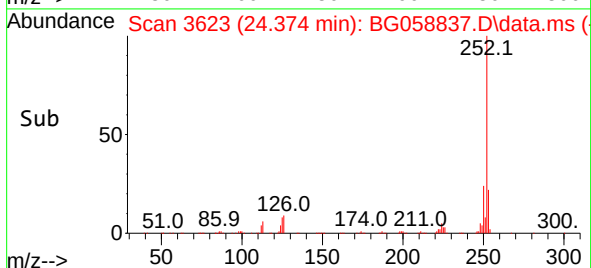
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

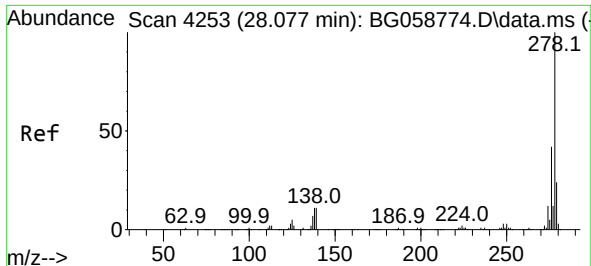


#90
Benzo(a)pyrene
Concen: 46.540 ng
RT: 24.374 min Scan# 3623
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



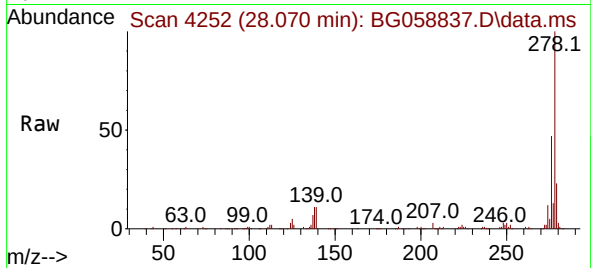
Tgt Ion:252 Resp: 382103
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 50.531 ng
RT: 28.070 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54

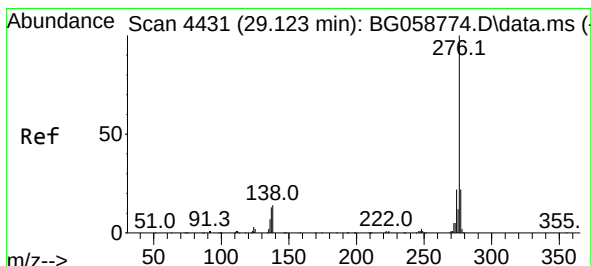
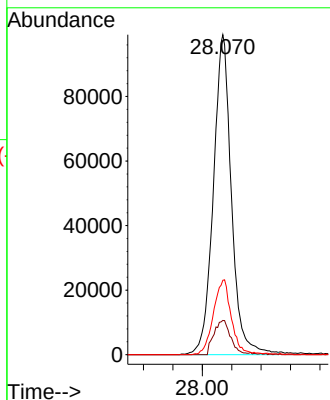
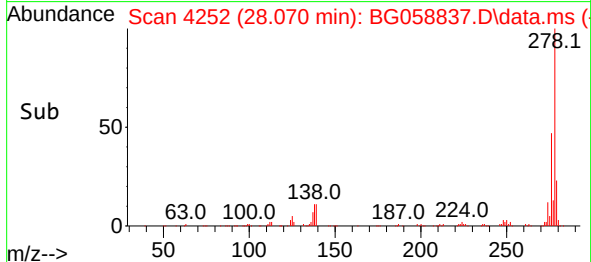
Instrument :
BNA_G
ClientSampleId :
TP-IMSD



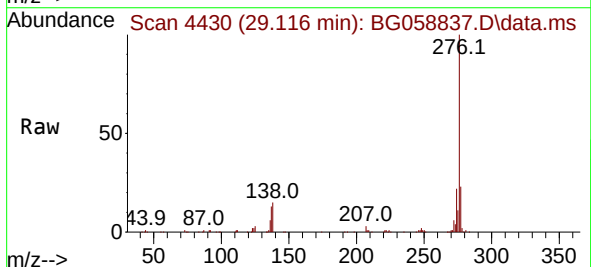
Tgt Ion:278 Resp: 42217
Ion Ratio Lower Upper
278 100
139 10.7 8.9 13.3
279 23.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#92
Benzo(g,h,i)perylene
Concen: 48.867 ng
RT: 29.116 min Scan# 4430
Delta R.T. -0.007 min
Lab File: BG058837.D
Acq: 24 Aug 2023 13:54



Tgt Ion:276 Resp: 408195
Ion Ratio Lower Upper
276 100
277 23.2 17.8 26.6
138 14.8 11.1 16.7

