

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
 Data File : BG063137.D
 Acq On : 31 Oct 2024 17:38
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 05:14:31 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 01 05:13:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	100791	20.000	ng	# 0.00
21) Naphthalene-d8	10.633	136	400725	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	302700	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	745172	20.000	ng	0.00
76) Chrysene-d12	21.485	240	801072	20.000	ng	# 0.00
86) Perylene-d12	24.516	264	936945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	477722	73.496	ng	0.00
7) Phenol-d6	7.019	99	678045	79.603	ng	0.00
23) Nitrobenzene-d5	8.999	82	735546	79.833	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	408467	79.441	ng	0.00
45) 2-Fluorobiphenyl	13.100	172	1637555	80.126	ng	0.00
79) Terphenyl-d14	19.857	244	3169854	81.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.359	88	97190	38.054	ng	97
3) Pyridine	3.746	79	256249	41.563	ng	99
4) n-Nitrosodimethylamine	3.664	42	149656	39.077	ng	95
6) Aniline	7.178	93	301221	39.323	ng	96
8) 2-Chlorophenol	7.413	128	238231	39.465	ng	94
9) Benzaldehyde	6.990	77	233443	44.105	ng	86
10) Phenol	7.048	94	358166	39.251	ng	95
11) bis(2-Chloroethyl)ether	7.272	93	238953	38.826	ng	93
12) 1,3-Dichlorobenzene	7.736	146	284269	38.815	ng	96
13) 1,4-Dichlorobenzene	7.883	146	287916	38.564	ng	93
14) 1,2-Dichlorobenzene	8.200	146	271761	37.762	ng	100
15) Benzyl Alcohol	8.083	79	284775	41.608	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.376	45	435306	38.995	ng	96
17) 2-Methylphenol	8.288	107	224276	38.637	ng	99
18) Hexachloroethane	8.923	117	105740	39.575	ng	# 79
19) n-Nitroso-di-n-propyla...	8.652	70	236975	39.948	ng	# 94
20) 3+4-Methylphenols	8.617	107	306369	39.574	ng	96
22) Acetophenone	8.664	105	422285	39.326	ng	97
24) Nitrobenzene	9.040	77	394729	39.621	ng	98
25) Isophorone	9.563	82	644011	40.409	ng	# 95
26) 2-Nitrophenol	9.751	139	145884	39.815	ng	96
27) 2,4-Dimethylphenol	9.816	122	181216	40.230	ng	95
28) bis(2-Chloroethoxy)met...	10.045	93	323408	38.700	ng	# 99
29) 2,4-Dichlorophenol	10.286	162	265340	39.001	ng	89
30) 1,2,4-Trichlorobenzene	10.503	180	324522	38.780	ng	95
31) Naphthalene	10.685	128	815622	38.584	ng	97
32) Benzoic acid	9.969	122	162656m	41.435	ng	
33) 4-Chloroaniline	10.791	127	292243	40.966	ng	94
34) Hexachlorobutadiene	10.973	225	271247	39.385	ng	93
35) Caprolactam	11.555	113	82713	38.068	ng	# 71
36) 4-Chloro-3-methylphenol	11.925	107	293807	37.483	ng	98
37) 2-Methylnaphthalene	12.295	142	571465	38.110	ng	96
38) 1-Methylnaphthalene	12.519	142	576181	39.037	ng	96
40) 1,2,4,5-Tetrachloroben...	12.665	216	427144	39.270	ng	98
41) Hexachlorocyclopentadiene	12.648	237	145675	41.219	ng	98
43) 2,4,6-Trichlorophenol	12.912	196	261703	40.187	ng	99

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APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 05:14:31 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	287571	40.162	ng	94
46) 1,1'-Biphenyl	13.312	154	822022	40.011	ng	99
47) 2-Chloronaphthalene	13.353	162	676790	39.334	ng	97
48) 2-Nitroaniline	13.558	65	240576	39.836	ng	87
49) Acenaphthylene	14.199	152	964907	39.724	ng	98
50) Dimethylphthalate	13.940	163	851647	39.476	ng	97
51) 2,6-Dinitrotoluene	14.058	165	182456	39.611	ng	98
52) Acenaphthene	14.546	154	597317	39.720	ng	96
53) 3-Nitroaniline	14.387	138	179926	41.143	ng	97
54) 2,4-Dinitrophenol	14.598	184	116781	41.570	ng	98
55) Dibenzofuran	14.880	168	1051277	39.647	ng	100
56) 4-Nitrophenol	14.704	139	142446	43.022	ng	91
57) 2,4-Dinitrotoluene	14.851	165	266334	40.427	ng	93
58) Fluorene	15.533	166	836285	39.799	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.110	232	283770	41.298	ng	98
60) Diethylphthalate	15.304	149	885211	39.961	ng	96
61) 4-Chlorophenyl-phenyle...	15.527	204	513805	39.340	ng	98
62) 4-Nitroaniline	15.550	138	187116	38.781	ng	99
63) Azobenzene	15.821	77	899730	39.269	ng	99
65) 4,6-Dinitro-2-methylph...	15.615	198	190017	39.662	ng	97
66) n-Nitrosodiphenylamine	15.738	169	725136	39.006	ng	97
67) 4-Bromophenyl-phenylether	16.420	248	367902	40.286	ng	92
68) Hexachlorobenzene	16.537	284	418138	39.523	ng	94
69) Atrazine	16.690	200	283358	33.158	ng	98
70) Pentachlorophenol	16.884	266	224423	42.636	ng	# 90
71) Phenanthrene	17.272	178	1400864	38.779	ng	99
72) Anthracene	17.366	178	1381800	38.972	ng	98
73) Carbazole	17.636	167	1267629	37.979	ng	98
74) Di-n-butylphthalate	18.194	149	1435699	37.886	ng	98
75) Fluoranthene	19.293	202	1878656	36.740	ng	100
77) Benzidine	19.475	184	215701	17.476	ng	# 95
78) Pyrene	19.657	202	1944997	40.958	ng	99
80) Butylbenzylphthalate	20.550	149	612466	40.030	ng	99
81) Benzo(a)anthracene	21.467	228	2008594	39.817	ng	98
82) 3,3'-Dichlorobenzidine	21.385	252	733673	39.227	ng	96
83) Chrysene	21.526	228	1888171	39.845	ng	99
84) Bis(2-ethylhexyl)phtha...	21.385	149	890581	40.124	ng	96
85) Di-n-octyl phthalate	22.530	149	1507914	40.606	ng	99
87) Indeno(1,2,3-cd)pyrene	27.948	276	2464796	39.196	ng	100
88) Benzo(b)fluoranthene	23.564	252	2163328	39.603	ng	100
89) Benzo(k)fluoranthene	23.623	252	2048316	39.303	ng	99
90) Benzo(a)pyrene	24.381	252	1864235	39.098	ng	98
91) Dibenzo(a,h)anthracene	28.006	278	2056879	39.186	ng	99
92) Benzo(g,h,i)perylene	29.017	276	2016778	38.871	ng	99

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

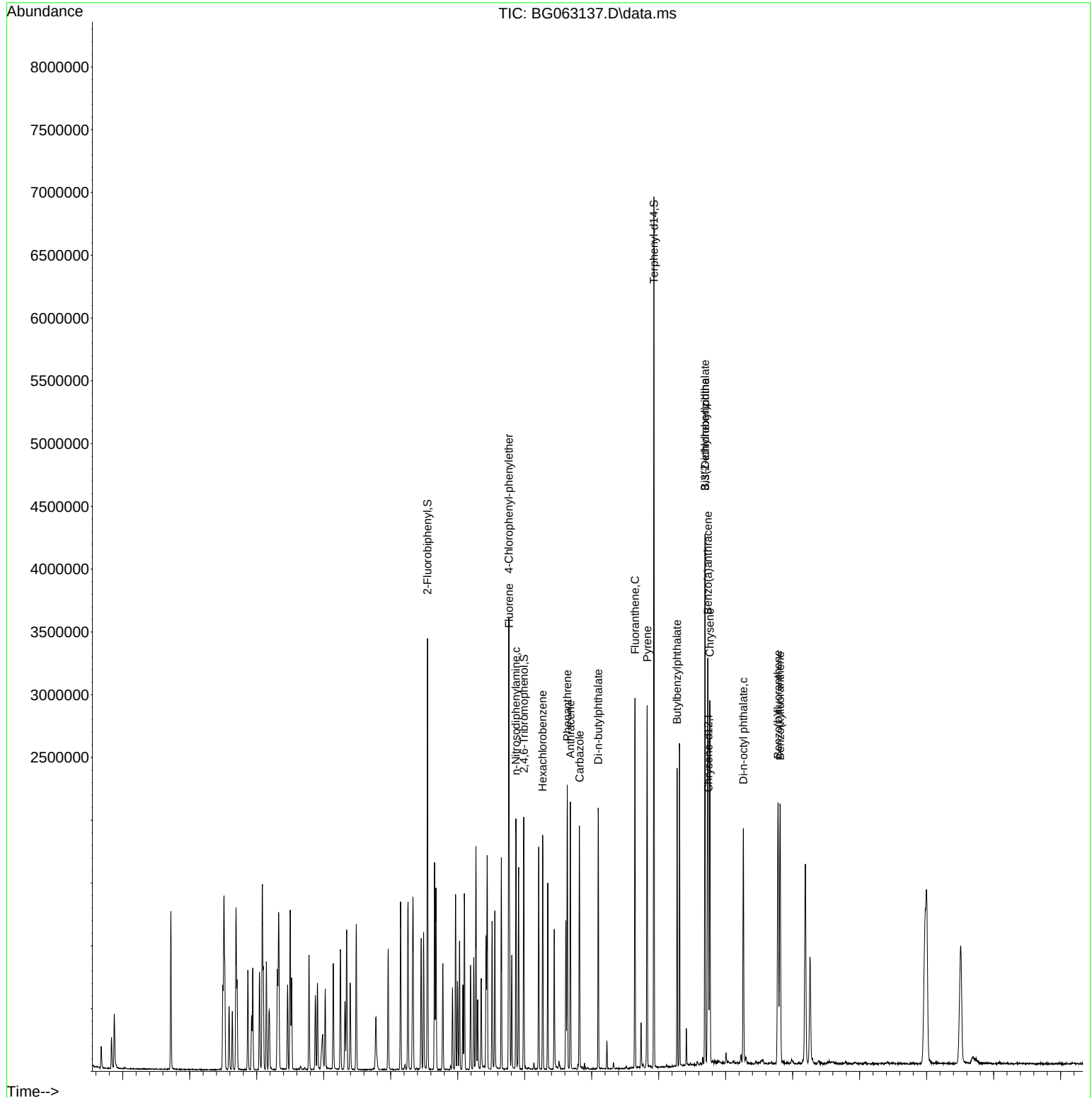
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
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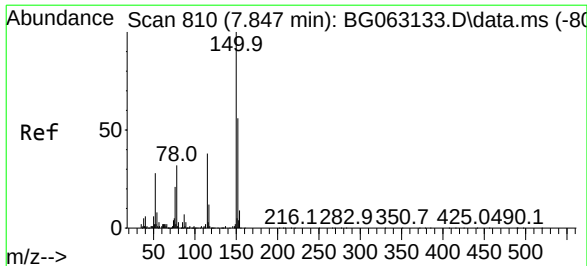
Instrument :
BNA_G
ClientSampleId :
ICVBG103124

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

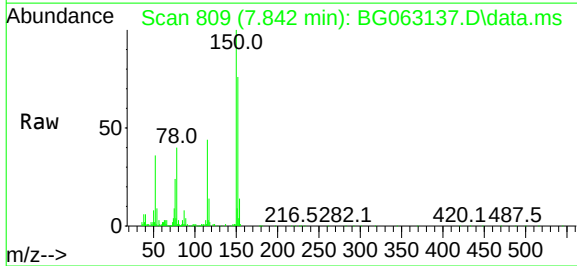
Quant Time: Nov 01 05:14:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.842 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

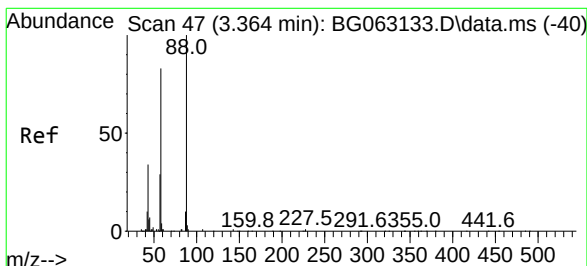
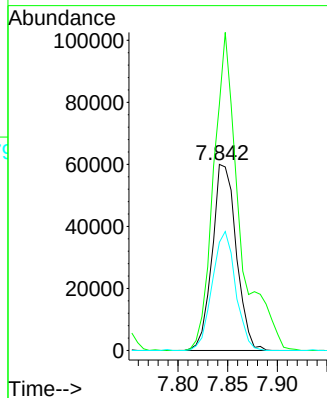
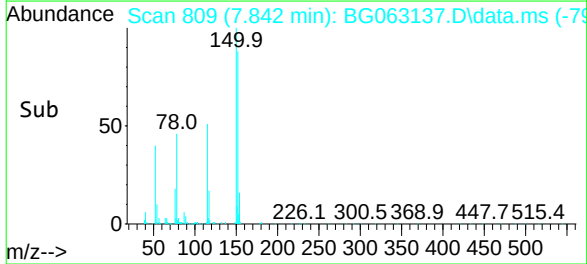
Instrument :
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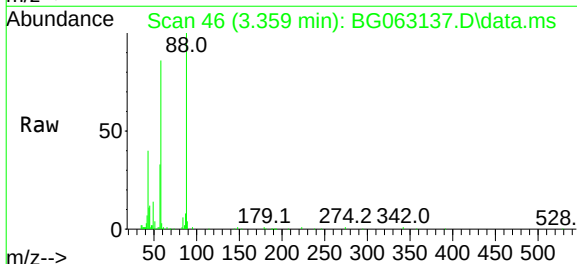
Tgt Ion: 152 Resp: 100791
Ion Ratio Lower Upper
152 100
150 132.2 143.1 214.7#
115 58.1 55.0 82.4

Manual Integrations
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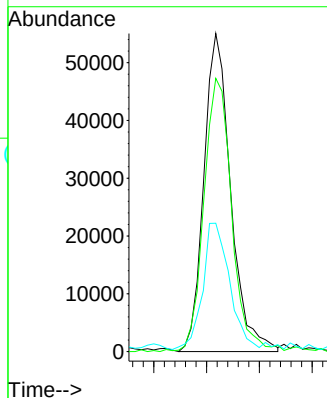
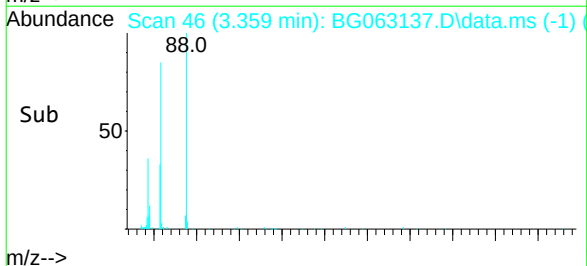
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

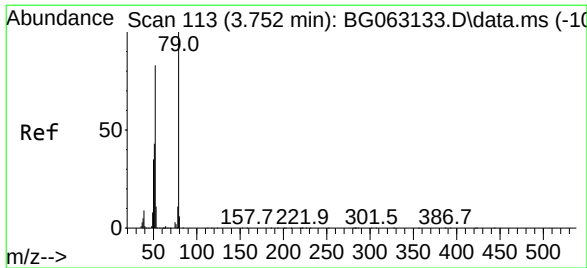


#2
1,4-Dioxane
Concen: 38.054 ng
RT: 3.359 min Scan# 46
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



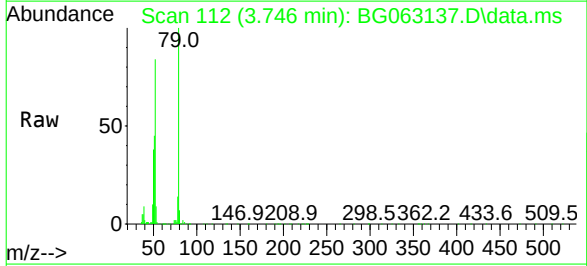
Tgt Ion: 88 Resp: 97190
Ion Ratio Lower Upper
88 100
58 88.9 73.8 110.6
43 39.6 32.0 48.0





#3
Pyridine
Concen: 41.563 ng
RT: 3.746 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

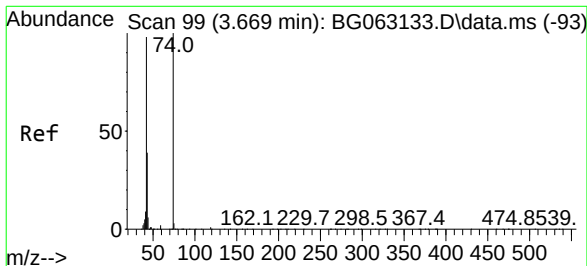
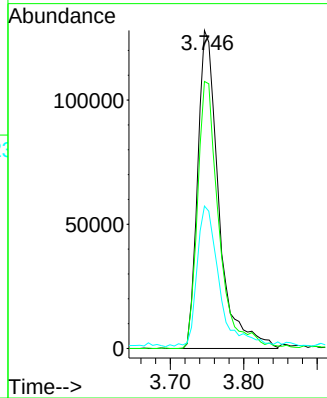
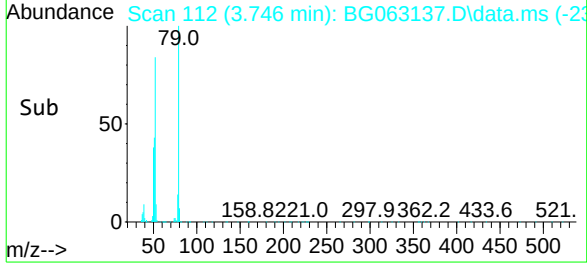
Instrument :
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ICVBG103124



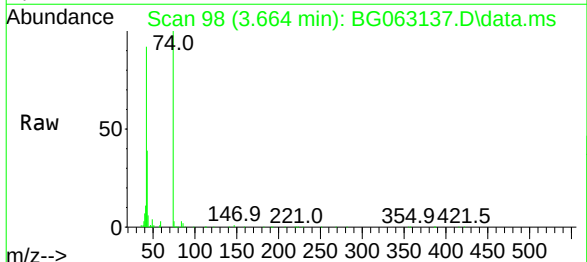
Tgt Ion: 79 Resp: 256249
Ion Ratio Lower Upper
79 100
52 84.0 66.1 99.1
51 44.8 36.6 54.8

Manual Integrations
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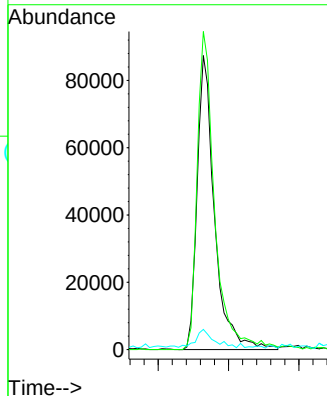
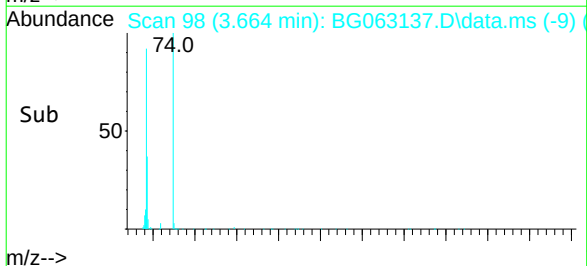
Reviewed By :Yogesh Patel 11/04/2024
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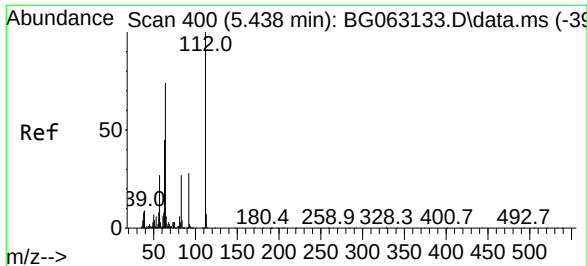


#4
n-Nitrosodimethylamine
Concen: 39.077 ng
RT: 3.664 min Scan# 98
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



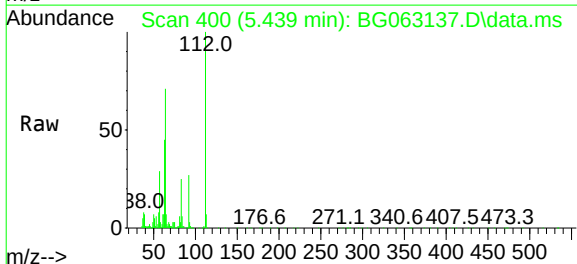
Tgt Ion: 42 Resp: 149656
Ion Ratio Lower Upper
42 100
74 108.2 81.9 122.9
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 73.496 ng
RT: 5.439 min Scan# 400
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

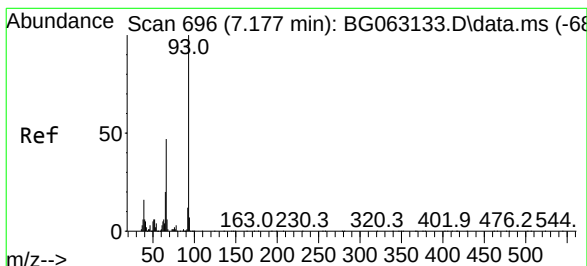
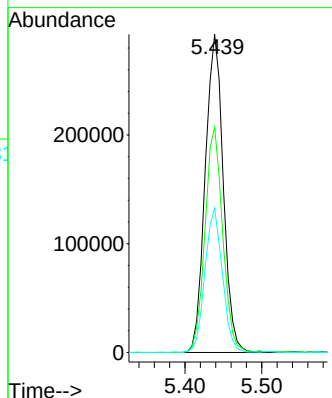
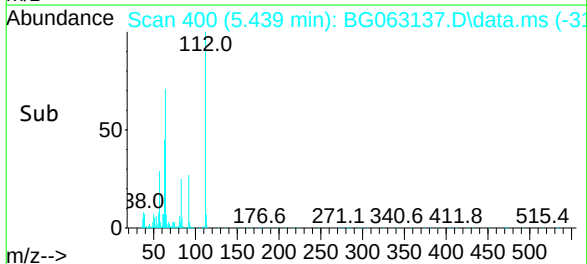
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	112	Resp:	477722
Ion Ratio	Lower	Upper	
112	100		
64	70.8	59.4	89.0
63	45.3	35.8	53.6

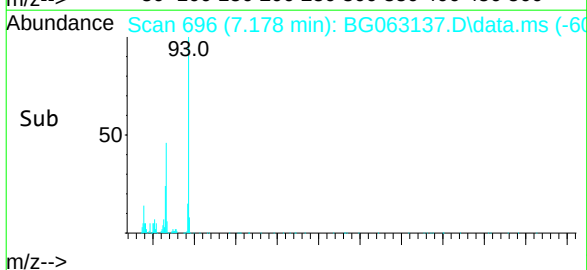
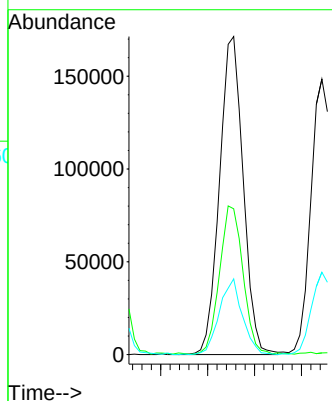
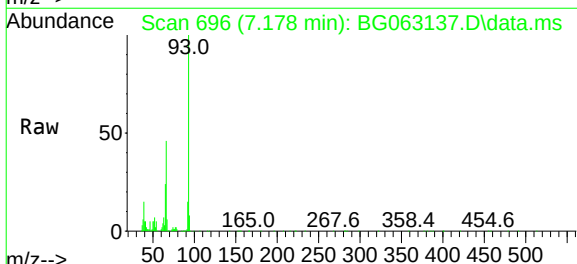
Manual Integrations
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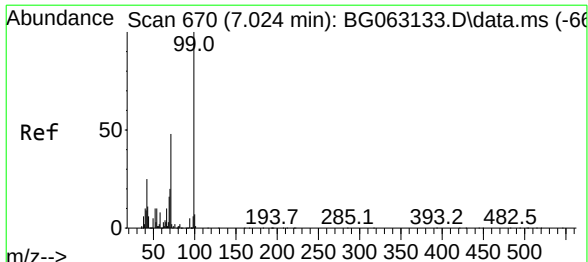
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 39.323 ng
RT: 7.178 min Scan# 696
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:	93	Resp:	301221
Ion Ratio	Lower	Upper	
93	100		
66	45.8	37.8	56.8
65	23.8	16.1	24.1





#7
 Phenol-d6
 Concen: 79.603 ng
 RT: 7.019 min Scan# 669
 Delta R.T. -0.005 min
 Lab File: BG063137.D
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Instrument :

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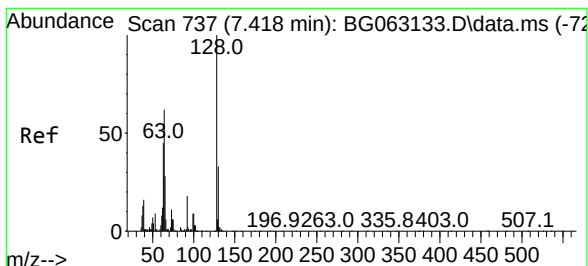
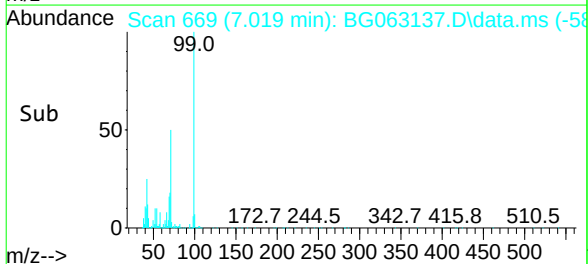
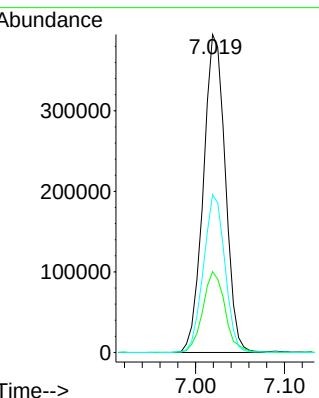
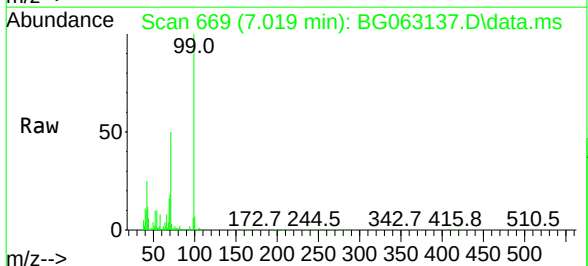
ClientSampleId :

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Tgt Ion:	99	Resp:	678045
Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.0	30.0
71	49.6	38.2	57.4

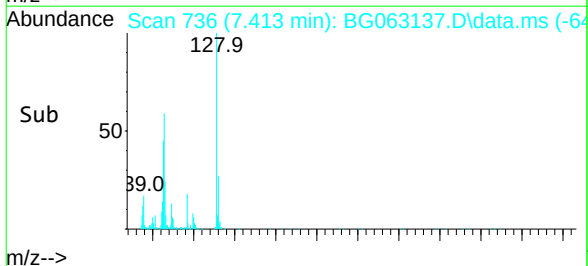
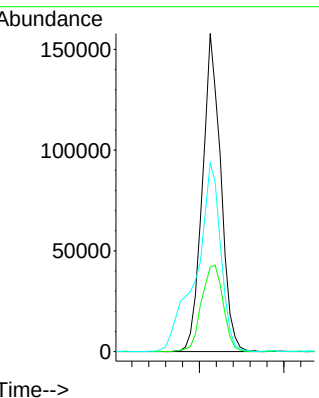
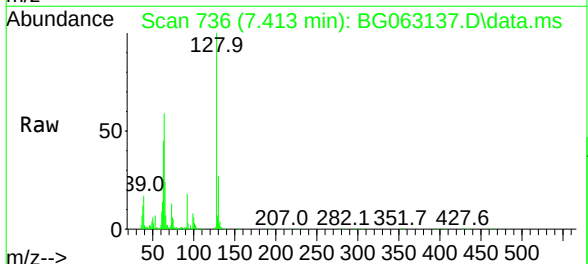
Manual Integrations
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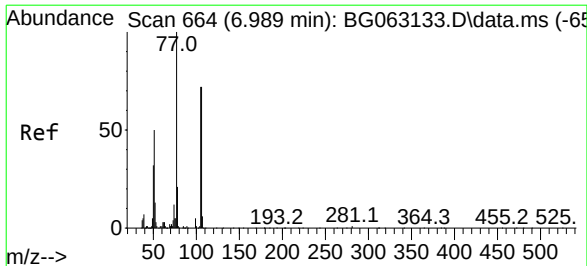
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#8
 2-Chlorophenol
 Concen: 39.465 ng
 RT: 7.413 min Scan# 736
 Delta R.T. -0.005 min
 Lab File: BG063137.D
 Acq: 31 Oct 2024 17:38

Tgt Ion:	128	Resp:	238231
Ion	Ratio	Lower	Upper
128	100		
130	26.6	13.3	53.3
64	59.3	41.8	81.8





#9

Benzaldehyde

Concen: 44.105 ng

RT: 6.990 min Scan# 664

Delta R.T. 0.001 min

Lab File: BG063137.D

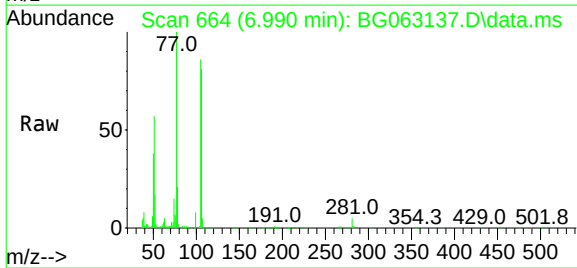
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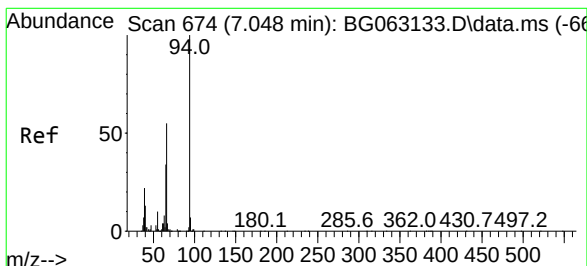
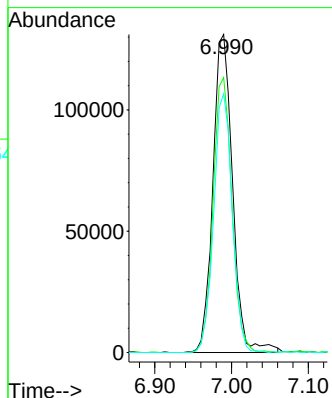
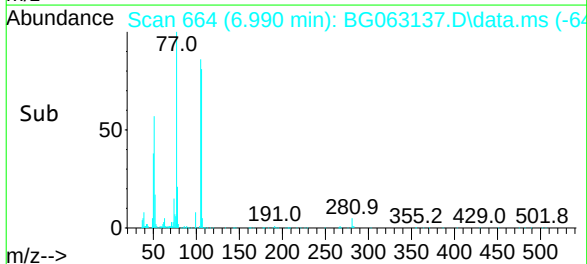


Tgt Ion: 77	Resp: 233443
Ion Ratio	Lower Upper
77 100	
105 86.4	52.2 92.2
106 81.3	52.2 92.2

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/04/2024



#10

Phenol

Concen: 39.251 ng

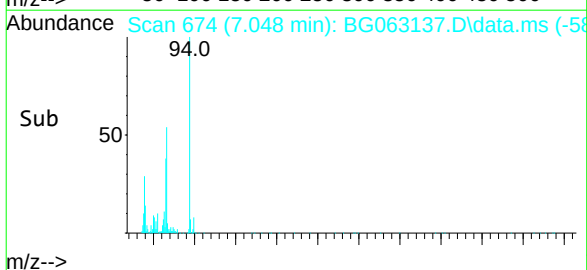
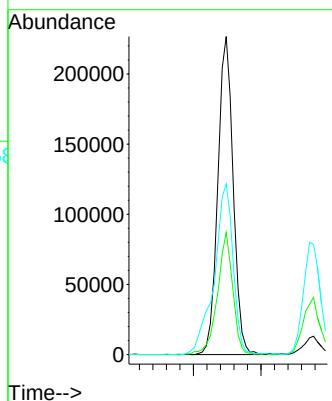
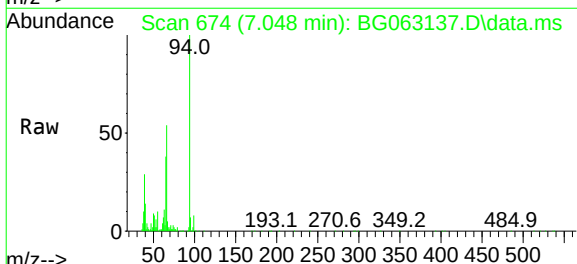
RT: 7.048 min Scan# 674

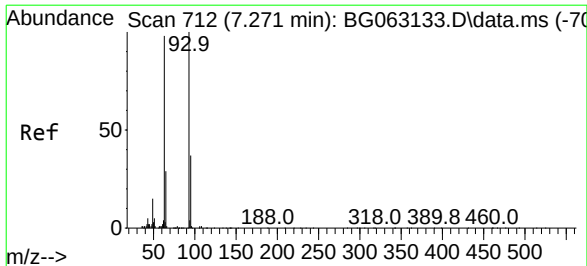
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

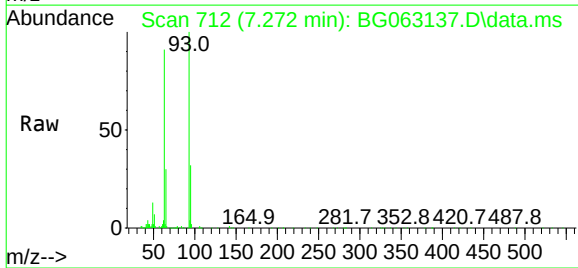
Tgt Ion: 94	Resp: 358166
Ion Ratio	Lower Upper
94 100	
65 38.4	14.2 54.2
66 53.7	36.2 76.2





#11
bis(2-Chloroethyl)ether
Concen: 38.826 ng
RT: 7.272 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

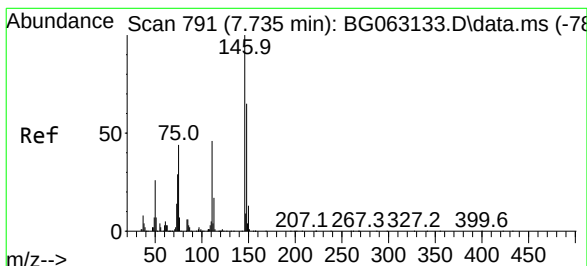
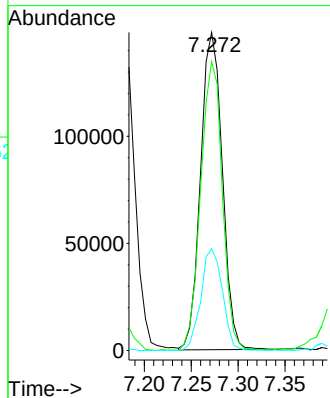
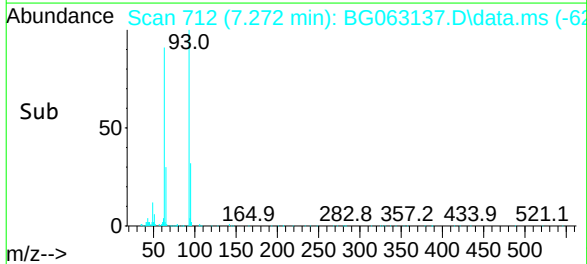
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



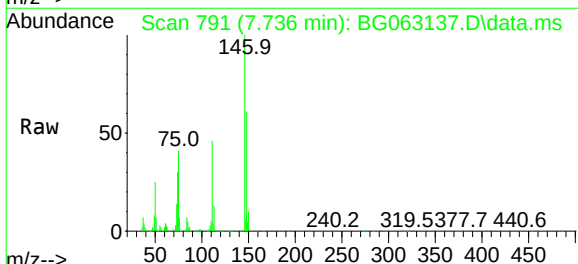
Tgt Ion: 93 Resp: 238953
Ion Ratio Lower Upper
93 100
63 90.9 77.5 117.5
95 32.0 16.5 56.5

Manual Integrations
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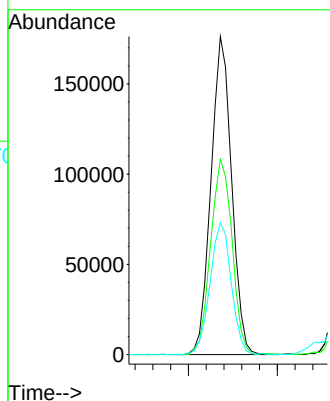
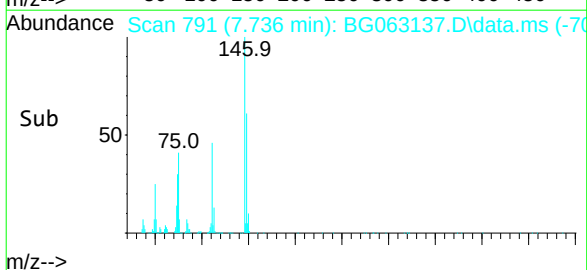
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

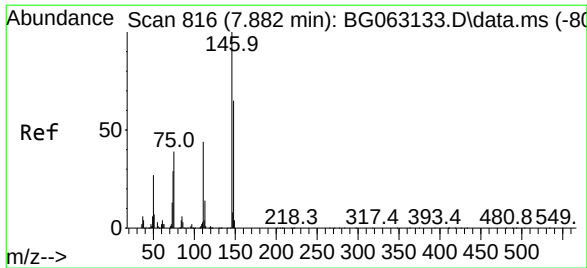


#12
1,3-Dichlorobenzene
Concen: 38.815 ng
RT: 7.736 min Scan# 791
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



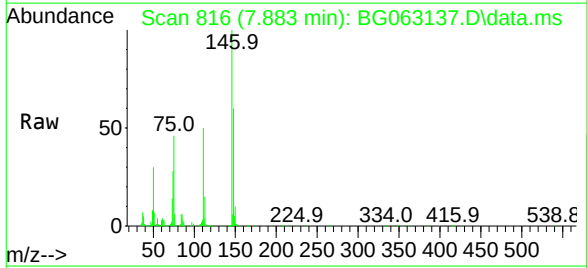
Tgt Ion:146 Resp: 284269
Ion Ratio Lower Upper
146 100
148 61.4 51.7 77.5
75 41.4 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 38.564 ng
RT: 7.883 min Scan# 816
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

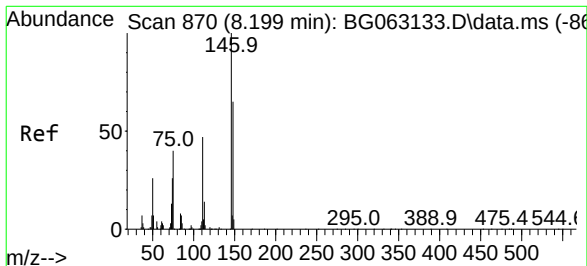
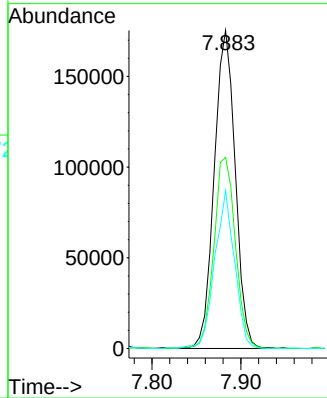
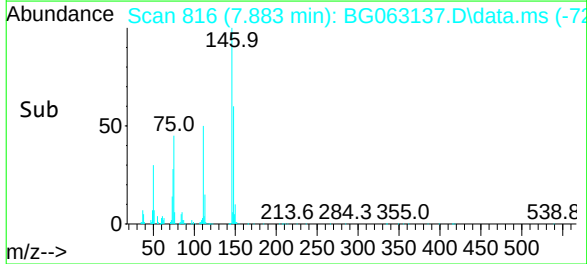
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion:146 Resp: 287916
Ion Ratio Lower Upper
146 100
148 60.1 52.3 78.5
111 49.6 35.8 53.6

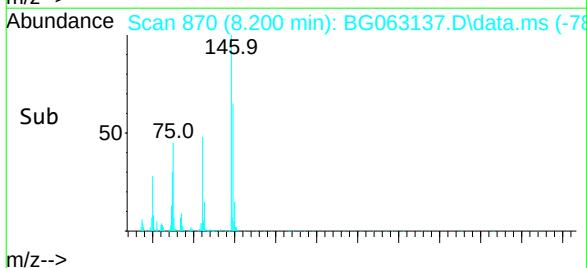
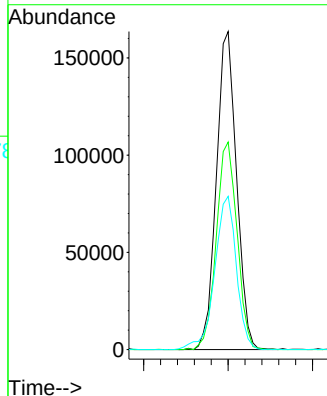
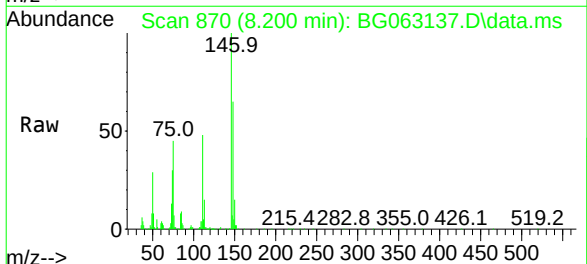
Manual Integrations
APPROVED

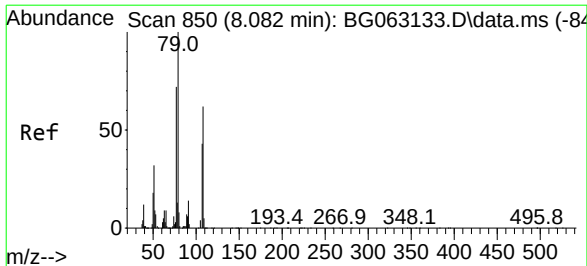
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 37.762 ng
RT: 8.200 min Scan# 870
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

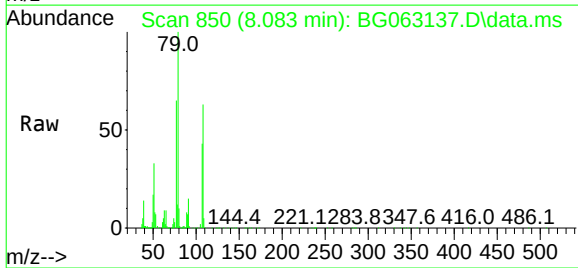
Tgt Ion:146 Resp: 271761
Ion Ratio Lower Upper
146 100
148 65.3 52.3 78.5
111 48.2 38.5 57.7





#15
Benzyl Alcohol
Concen: 41.608 ng
RT: 8.083 min Scan# 850
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

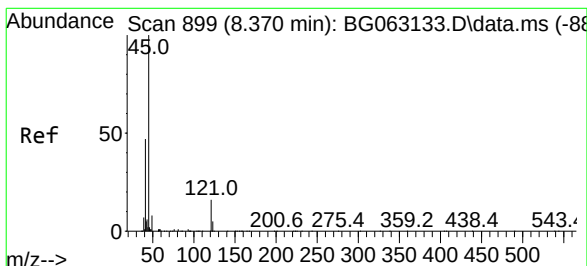
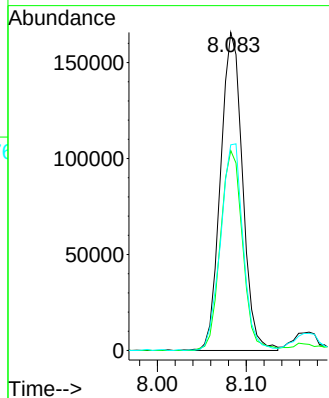
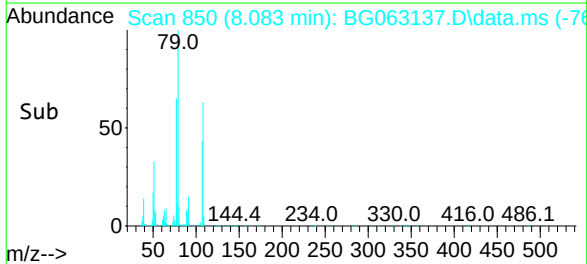
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion:	79	Resp:	284775
Ion	Ratio	Lower	Upper
79	100		
108	62.9	49.5	74.3
77	64.7	57.6	86.4

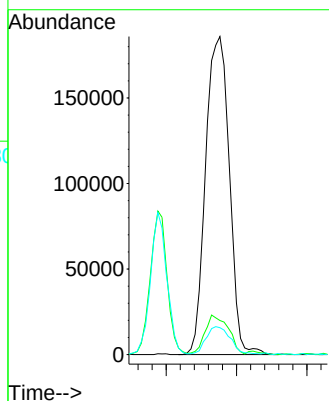
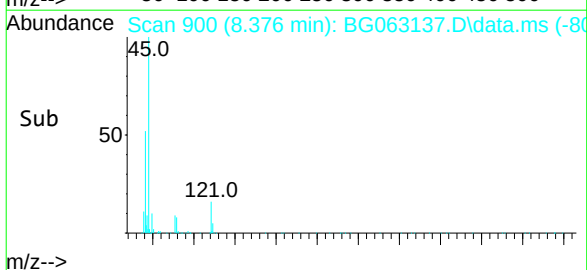
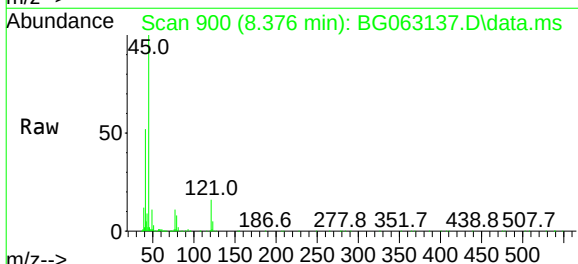
Manual Integrations
APPROVED

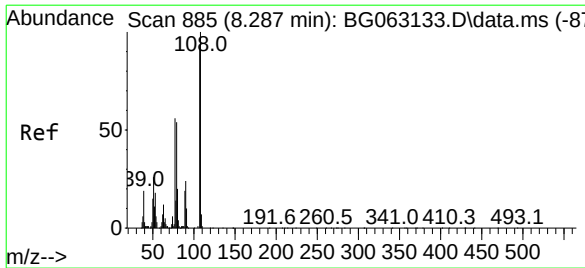
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.995 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.007 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:	45	Resp:	435306
Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	32.4
79	8.5	0.0	29.7





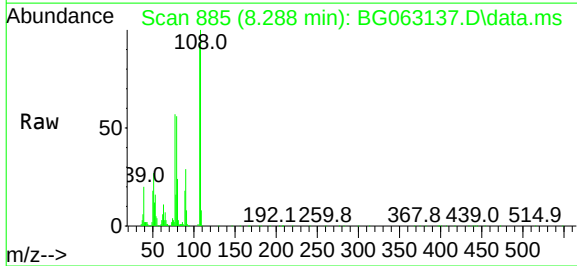
#17
2-Methylphenol
Concen: 38.637 ng
RT: 8.288 min Scan# 885
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

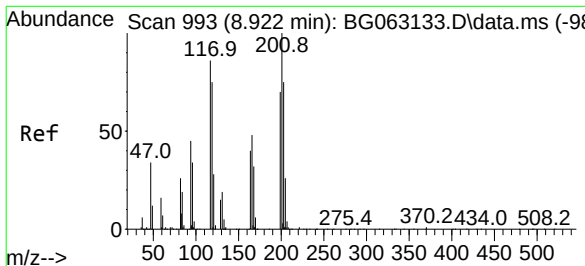
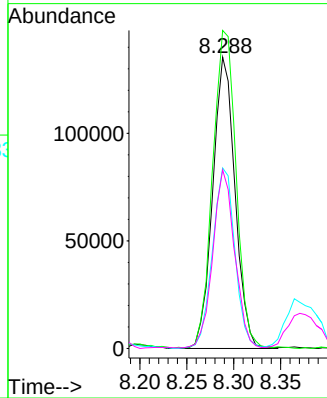
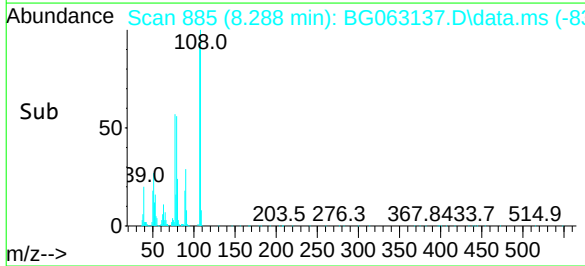


Tgt Ion:107 Resp: 224276
Ion Ratio Lower Upper
107 100
108 109.2 87.1 130.7
77 62.0 48.9 73.3
79 61.3 47.0 70.6

Manual Integrations

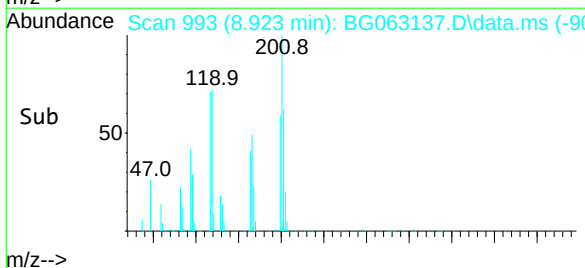
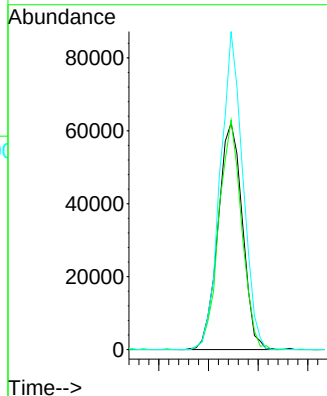
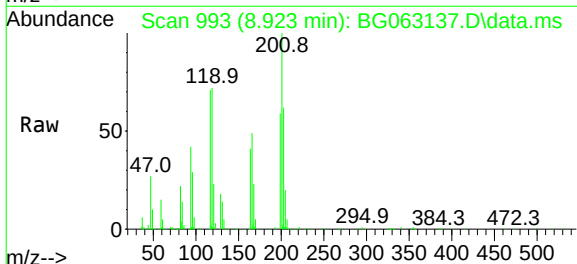
APPROVED

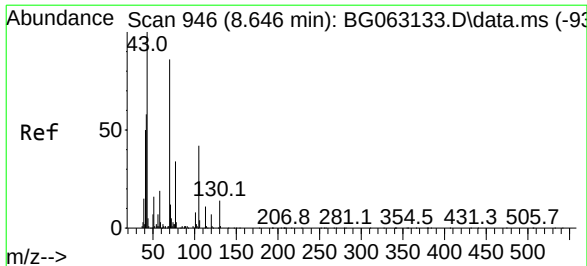
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 39.575 ng
RT: 8.923 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:117 Resp: 105740
Ion Ratio Lower Upper
117 100
119 101.3 69.7 104.5
201 143.3 92.6 138.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.948 ng

RT: 8.652 min Scan# 946

Delta R.T. 0.007 min

Lab File: BG063137.D

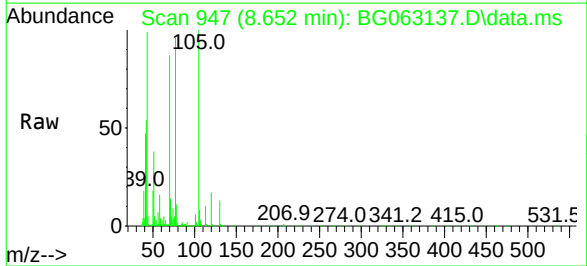
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124



Tgt Ion: 70 Resp: 236975

Ion Ratio Lower Upper

70 100

42 62.2 54.2 81.2

101 7.3 7.7 11.5#

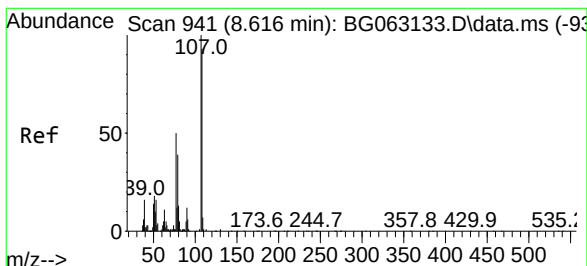
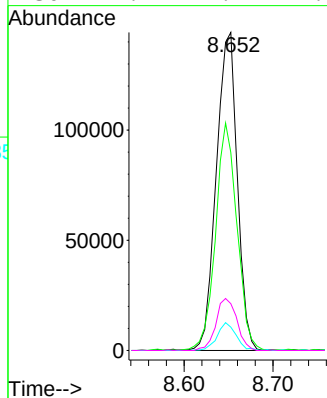
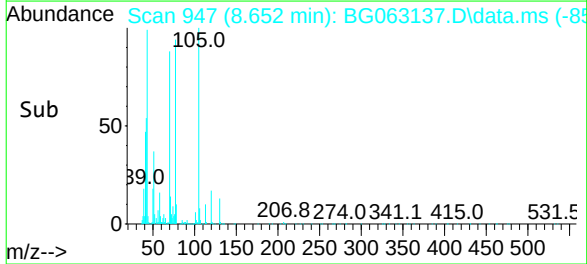
130 14.7 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#20

3+4-Methylphenols

Concen: 39.574 ng

RT: 8.617 min Scan# 941

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:107 Resp: 306369

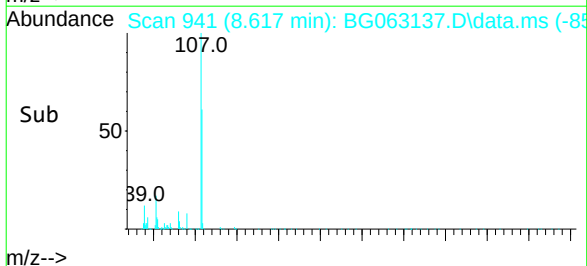
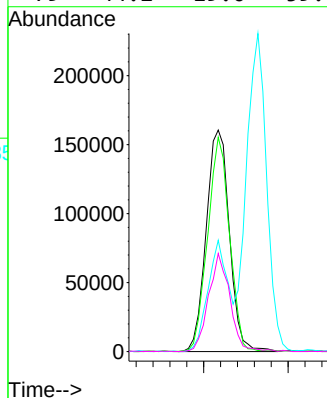
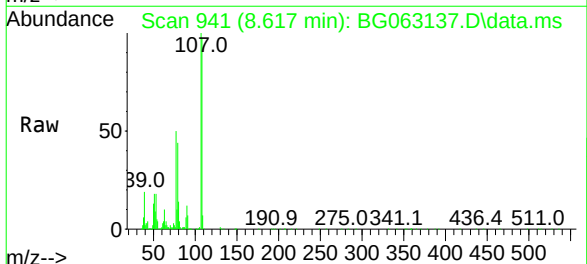
Ion Ratio Lower Upper

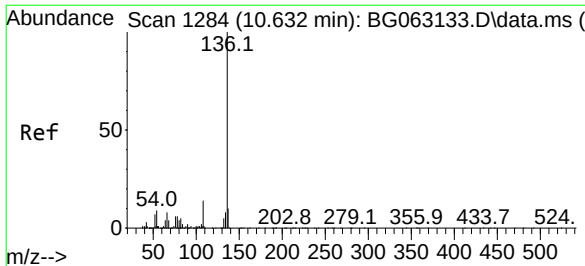
107 100

108 96.7 73.1 113.1

77 50.2 30.2 70.2

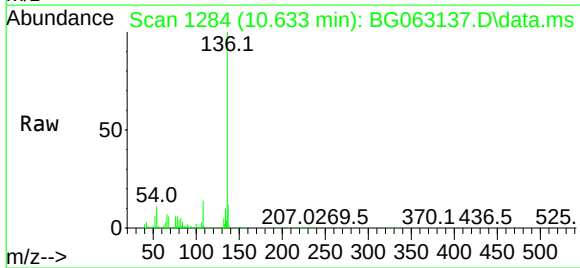
79 44.2 19.0 59.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1284
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

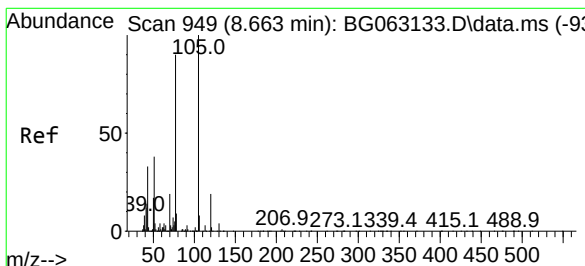
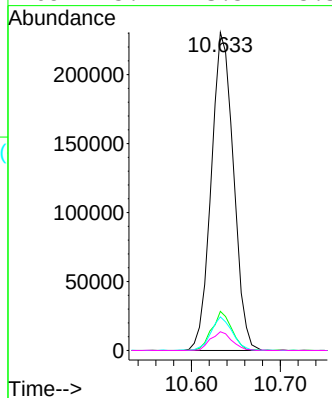
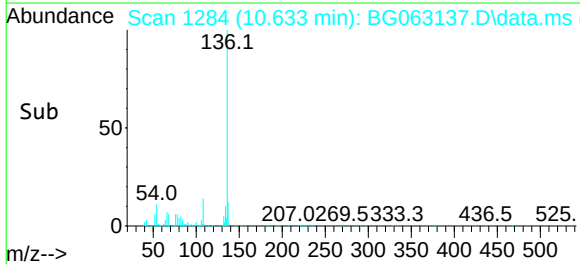
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



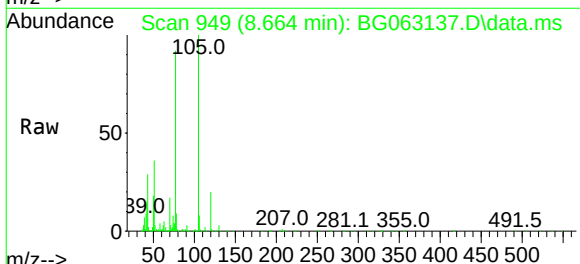
Tgt Ion:	136	Resp:	400725
Ion Ratio	Lower	Upper	
136	100		
137	12.3	7.8	11.6#
54	10.6	7.3	10.9
68	5.9	3.5	5.3#

Manual Integrations
APPROVED

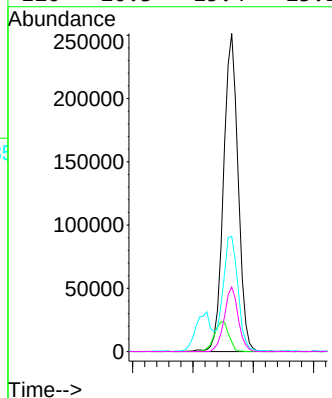
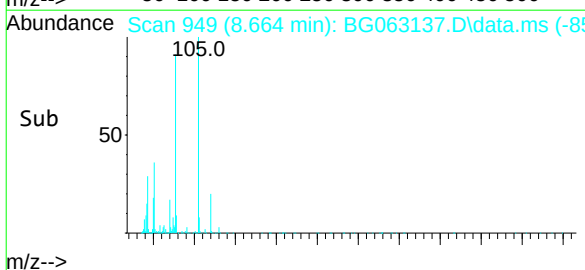
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

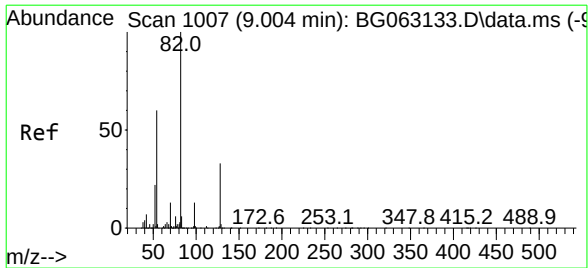


#22
Acetophenone
Concen: 39.326 ng
RT: 8.664 min Scan# 949
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



Tgt Ion:	105	Resp:	422285
Ion Ratio	Lower	Upper	
105	100		
71	3.1	2.3	3.5
51	36.2	30.5	45.7
120	20.3	15.4	23.2





#23

Nitrobenzene-d5

Concen: 79.833 ng

RT: 8.999 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

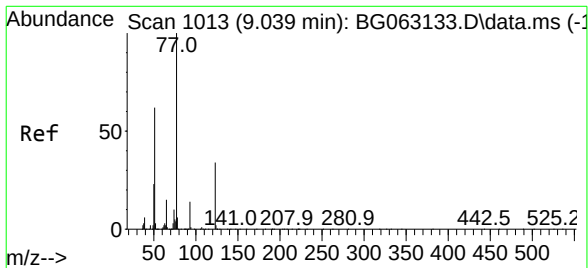
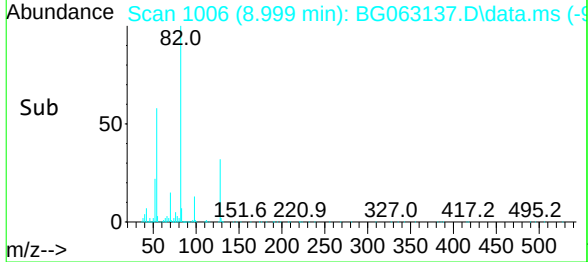
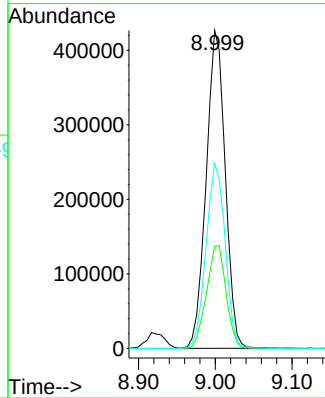
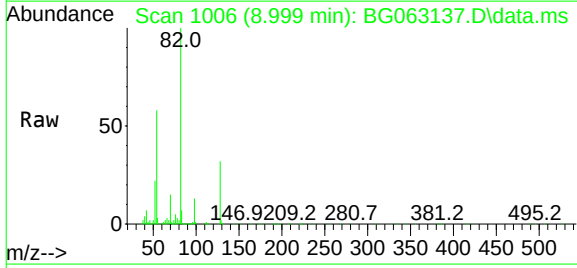
Tgt Ion: 82	Resp: 735546
Ion Ratio	Lower Upper
82 100	
128 32.0	26.6 39.8
54 58.2	47.8 71.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#24

Nitrobenzene

Concen: 39.621 ng

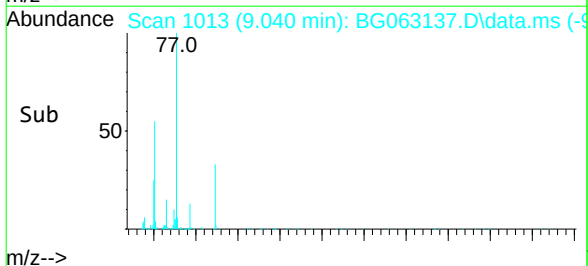
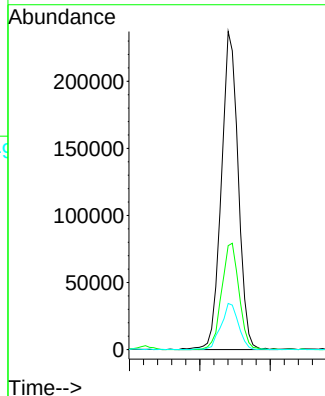
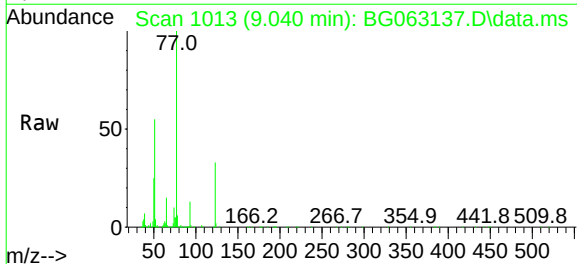
RT: 9.040 min Scan# 1013

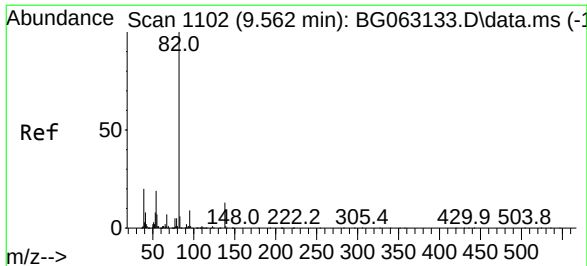
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion: 77	Resp: 394729
Ion Ratio	Lower Upper
77 100	
123 32.7	26.9 40.3
65 14.5	12.3 18.5





#25

Isophorone

Concen: 40.409 ng

RT: 9.563 min Scan# 1102

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

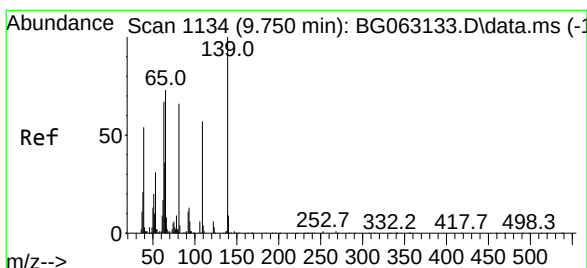
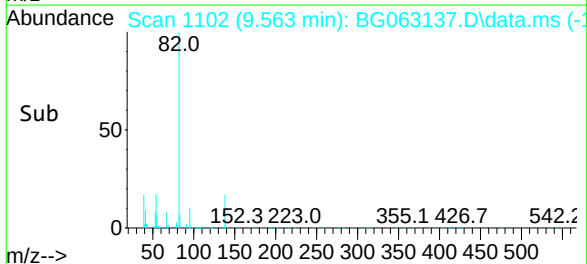
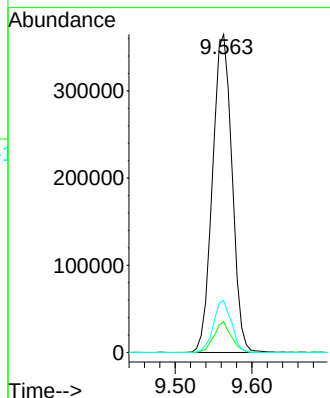
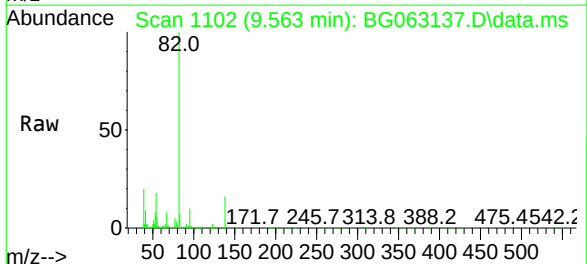
ClientSampleId :

ICVBG103124

Tgt Ion:	82	Resp:	644011
Ion	Ratio	Lower	Upper
82	100		
95	9.6	7.4	11.0
138	16.3	10.3	15.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26

2-Nitrophenol

Concen: 39.815 ng

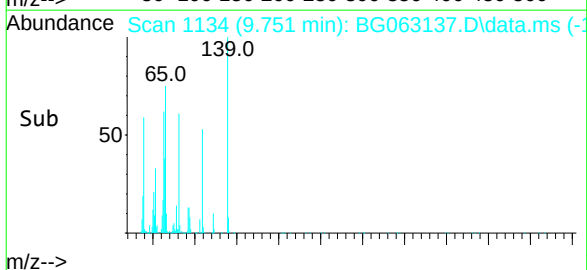
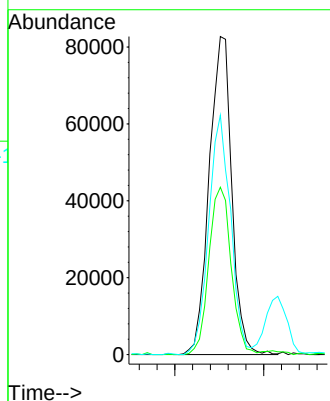
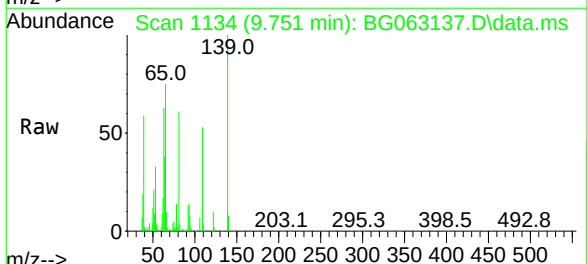
RT: 9.751 min Scan# 1134

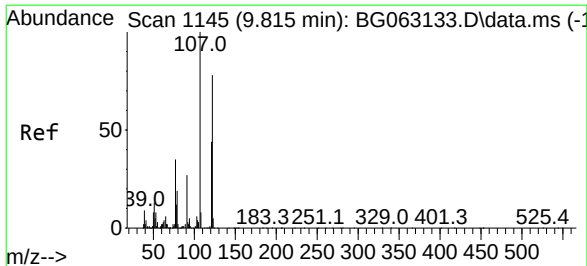
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

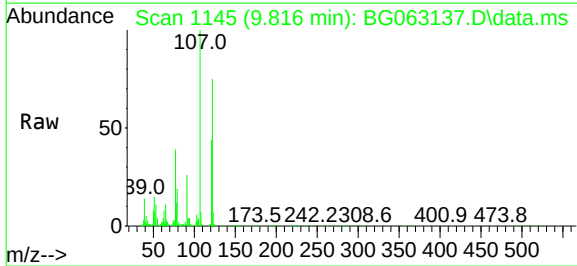
Tgt Ion:	139	Resp:	145884
Ion	Ratio	Lower	Upper
139	100		
109	52.6	45.4	68.0
65	75.3	58.4	87.6





#27
2,4-Dimethylphenol
Concen: 40.230 ng
RT: 9.816 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

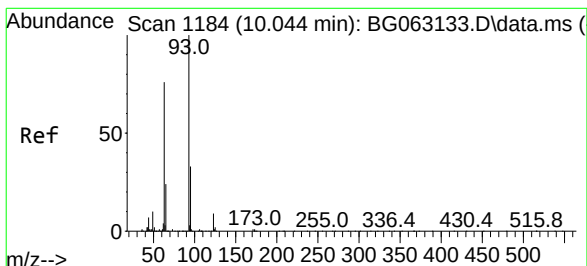
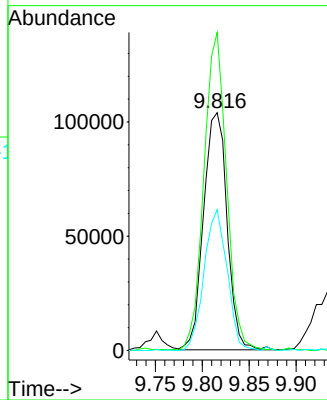
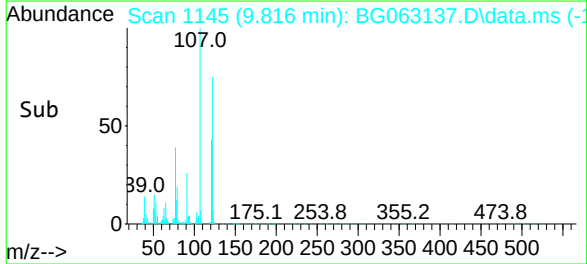
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion: 122 Resp: 181216
Ion Ratio Lower Upper
122 100
107 133.7 101.8 152.6
121 59.3 45.2 67.8

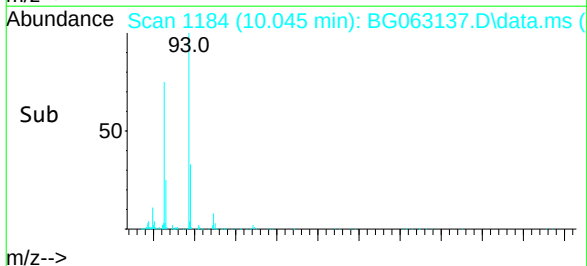
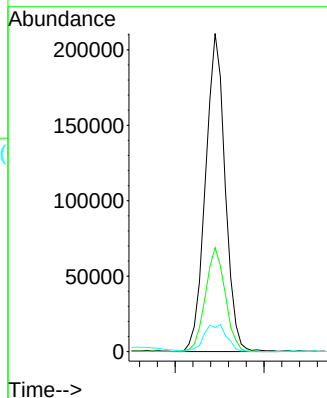
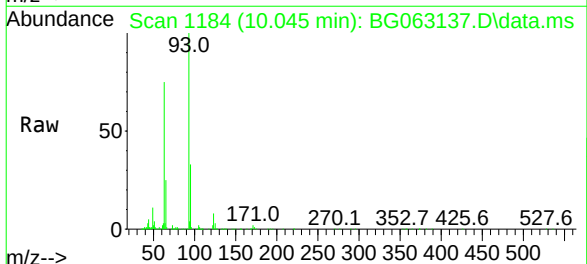
Manual Integrations
APPROVED

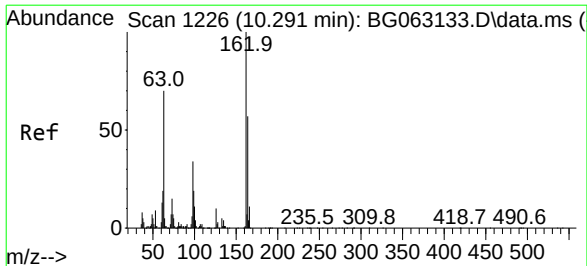
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.700 ng
RT: 10.045 min Scan# 1184
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion: 93 Resp: 323408
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 7.6 7.6 11.4#





#29

2,4-Dichlorophenol

Concen: 39.001 ng

RT: 10.286 min Scan# 1225

Delta R.T. -0.005 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

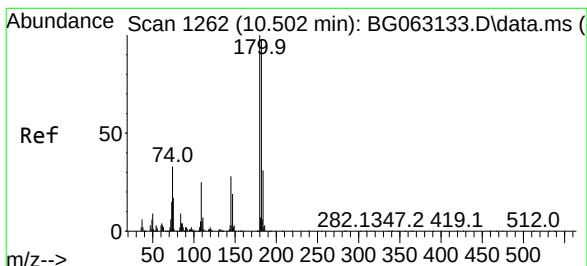
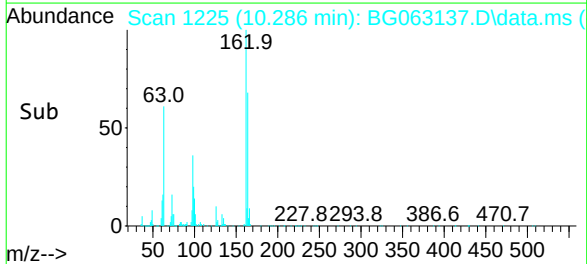
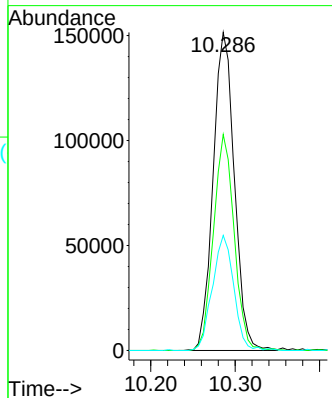
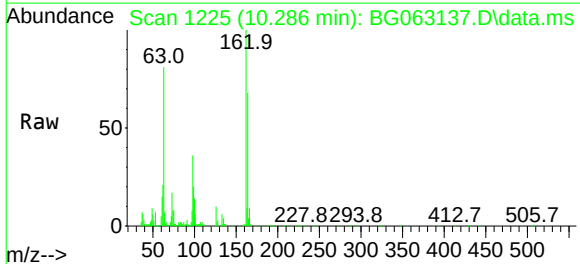
Tgt Ion:	162	Resp:	265340
Ion Ratio	Lower	Upper	
162	100		
164	67.9	37.2	77.2
98	36.2	14.0	54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.780 ng

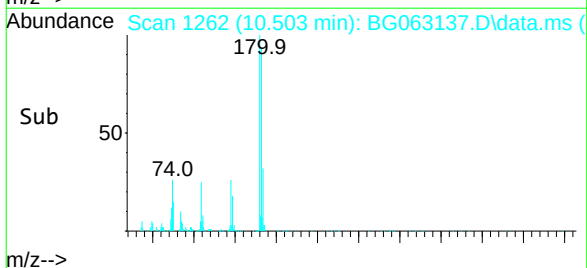
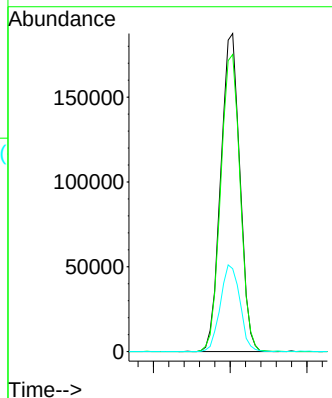
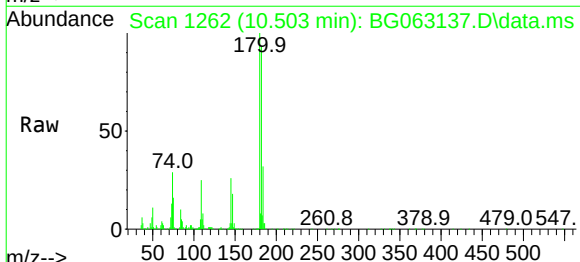
RT: 10.503 min Scan# 1262

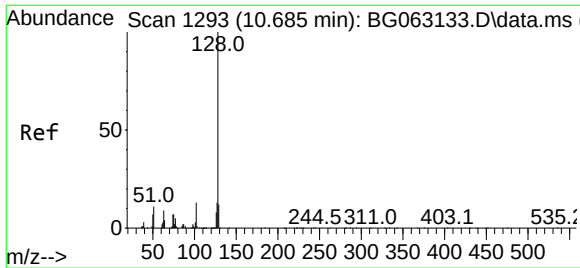
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	180	Resp:	324522
Ion Ratio	Lower	Upper	
180	100		
182	93.4	78.5	117.7
145	26.1	22.6	34.0





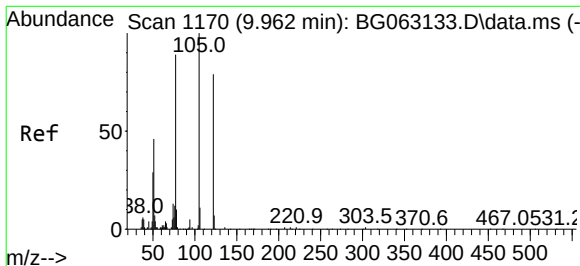
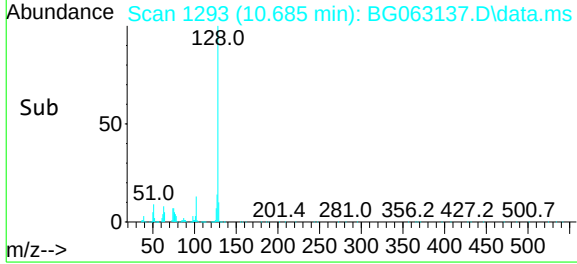
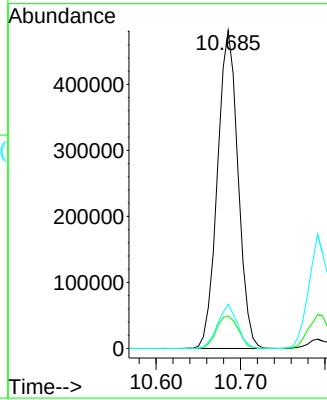
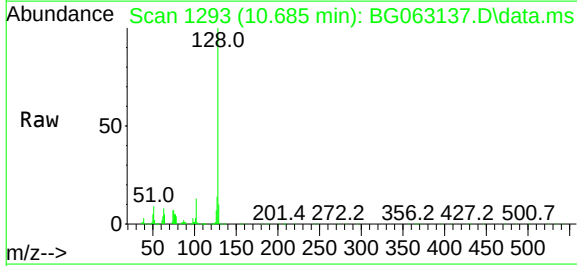
#31
Naphthalene
Concen: 38.584 ng
RT: 10.685 min Scan# 1293
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :
BNA_G
ClientSampleId :
ICVBG103124

Tgt Ion:	128	Resp:	815622
Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.5	14.3
127	13.9	10.7	16.1

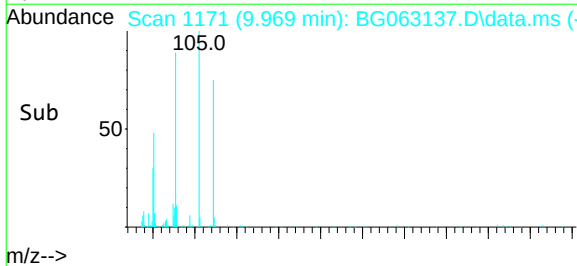
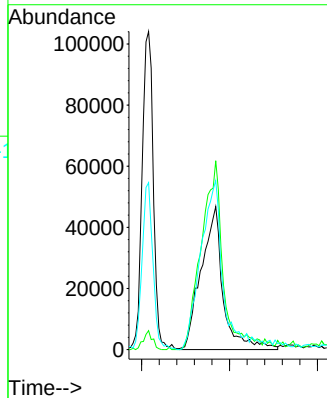
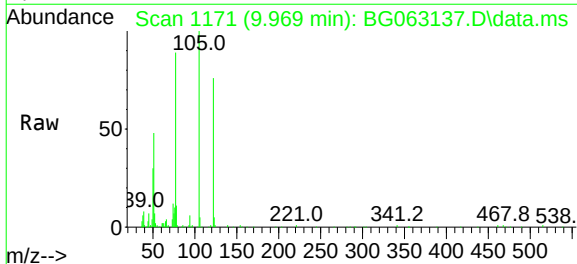
Manual Integrations
APPROVED

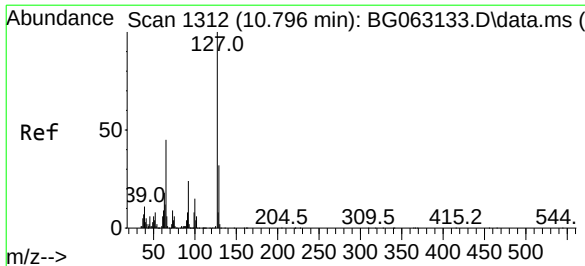
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 41.435 ng m
RT: 9.969 min Scan# 1171
Delta R.T. 0.007 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:	122	Resp:	162656
Ion	Ratio	Lower	Upper
122	100		
105	132.1	105.2	145.2
77	118.2	93.0	133.0





#33

4-Chloroaniline

Concen: 40.966 ng

RT: 10.791 min Scan# 1312

Delta R.T. -0.005 min

Lab File: BG063137.D

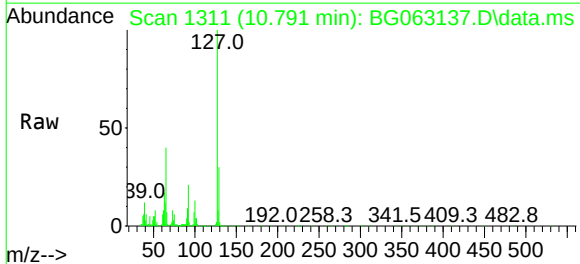
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124



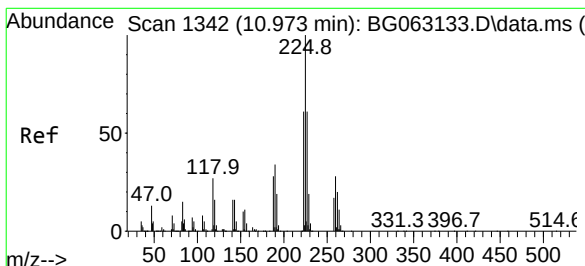
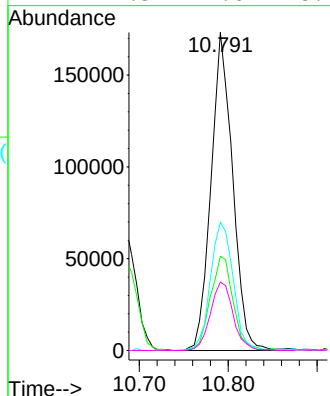
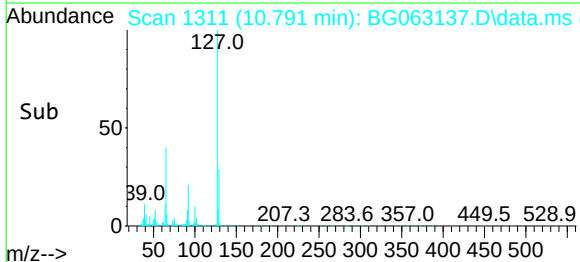
Tgt Ion:	127	Resp:	292243
Ion Ratio	Lower	Upper	
127	100		
129	29.6	25.6	38.4
65	40.3	36.4	54.6
92	21.5	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#34

Hexachlorobutadiene

Concen: 39.385 ng

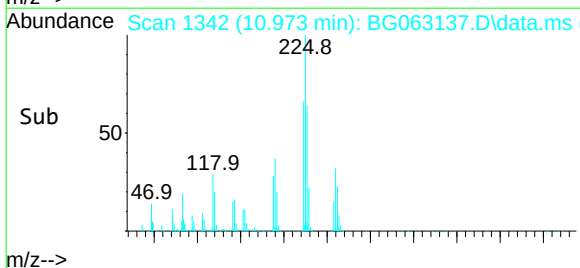
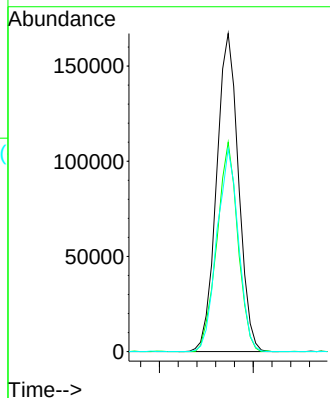
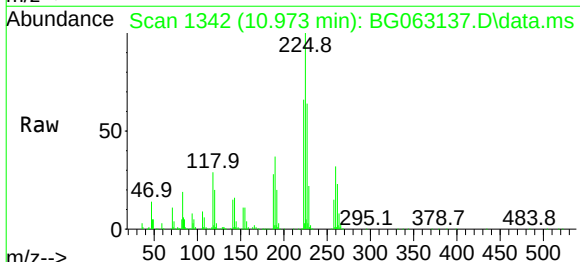
RT: 10.973 min Scan# 1342

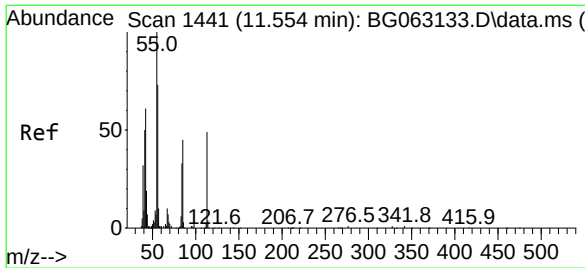
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	225	Resp:	271247
Ion Ratio	Lower	Upper	
225	100		
223	62.8	46.2	69.4
227	63.7	46.2	69.4





#35

Caprolactam

Concen: 38.068 ng

RT: 11.555 min Scan# 1441

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

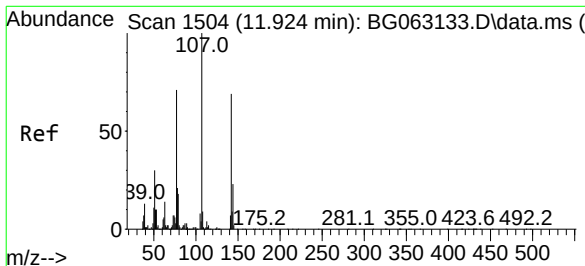
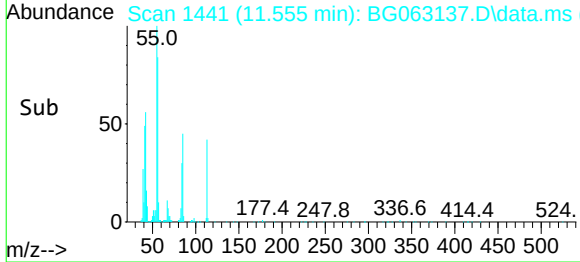
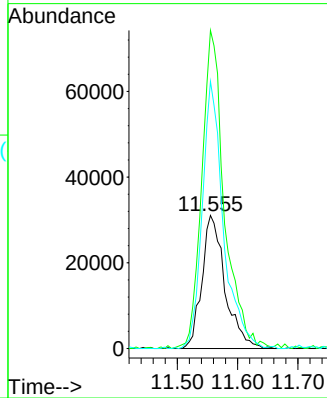
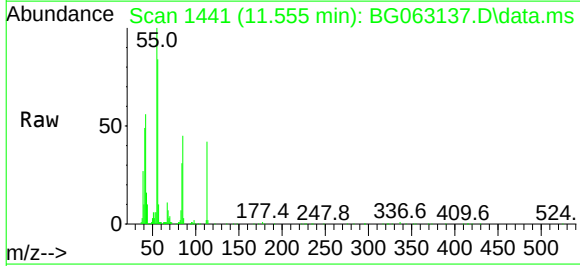
ClientSampleId :

ICVBG103124

Tgt Ion:	113	Resp:	82713
Ion Ratio	Lower	Upper	
113	100		
55	239.1	187.0	227.0#
56	200.8	130.9	170.9#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#36

4-Chloro-3-methylphenol

Concen: 37.483 ng

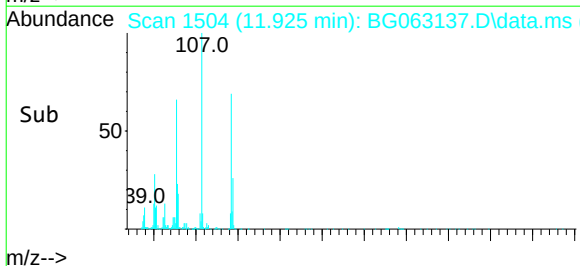
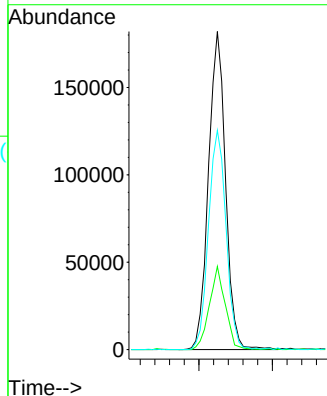
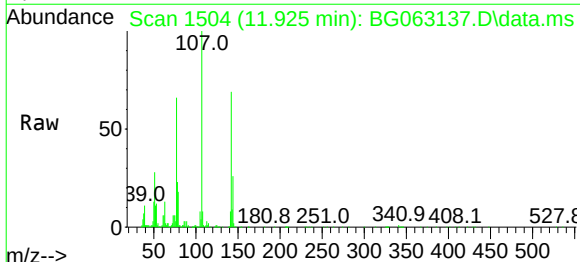
RT: 11.925 min Scan# 1504

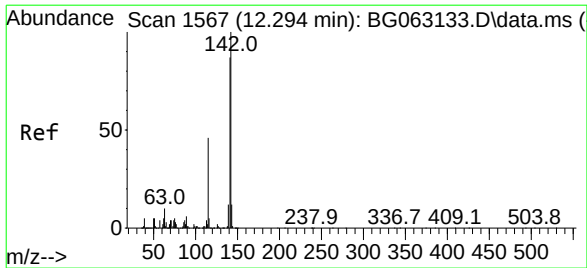
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	107	Resp:	293807
Ion Ratio	Lower	Upper	
107	100		
144	26.1	18.5	27.7
142	68.9	55.0	82.4





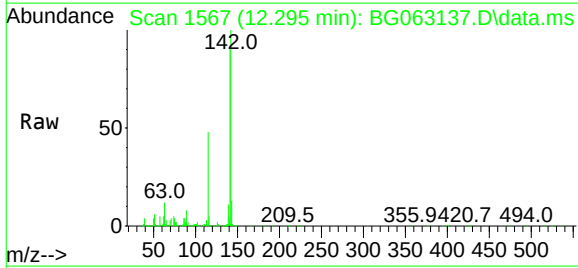
#37
2-Methylnaphthalene
Concen: 38.110 ng
RT: 12.295 min Scan# 1567
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

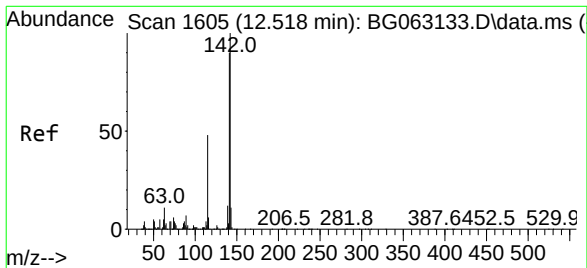
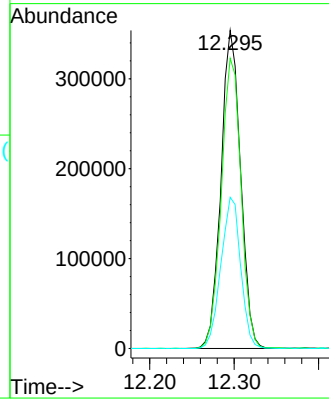
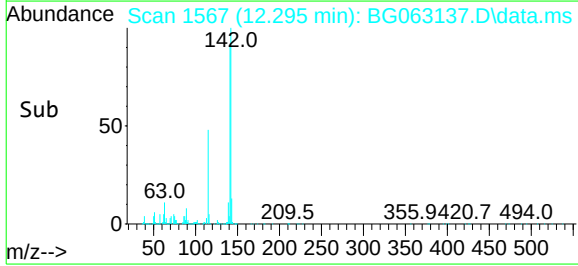
ICVBG103124



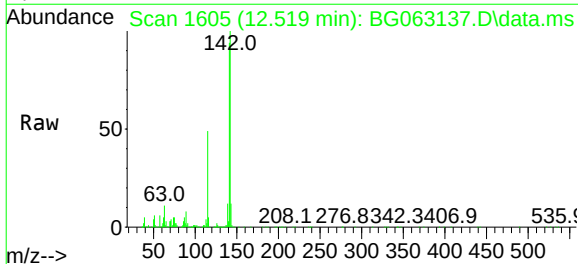
Tgt Ion:142 Resp: 571465
Ion Ratio Lower Upper
142 100
141 91.2 69.2 103.8
115 47.5 36.6 54.8

Manual Integrations
APPROVED

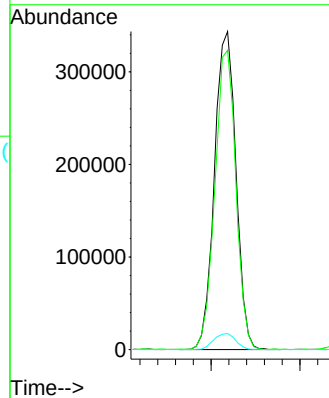
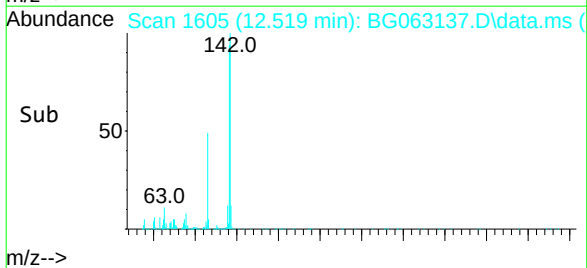
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

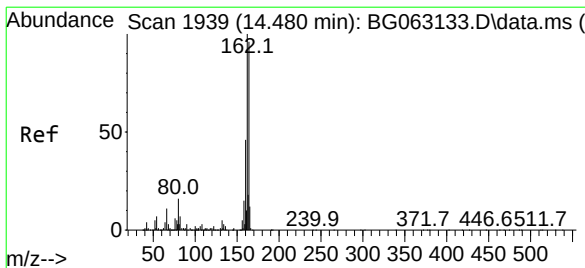


#38
1-Methylnaphthalene
Concen: 39.037 ng
RT: 12.519 min Scan# 1605
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



Tgt Ion:142 Resp: 576181
Ion Ratio Lower Upper
142 100
141 94.1 72.2 108.4
116 5.0 4.5 6.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

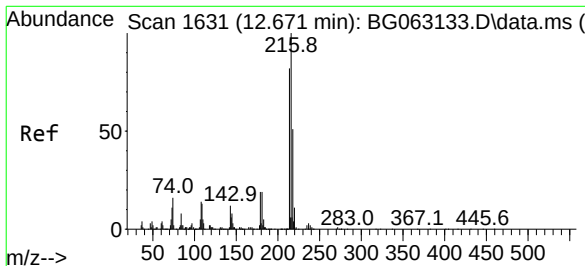
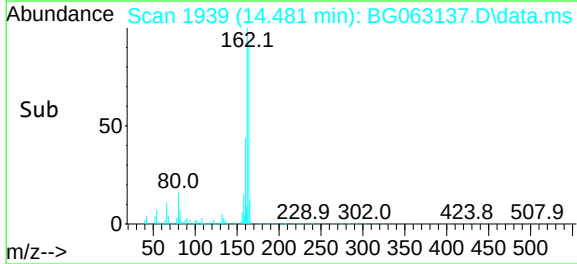
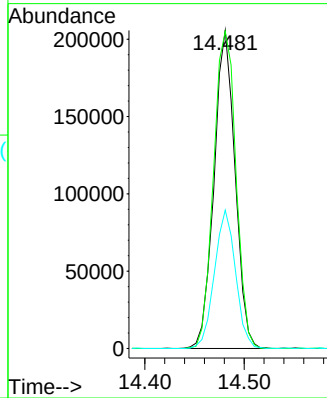
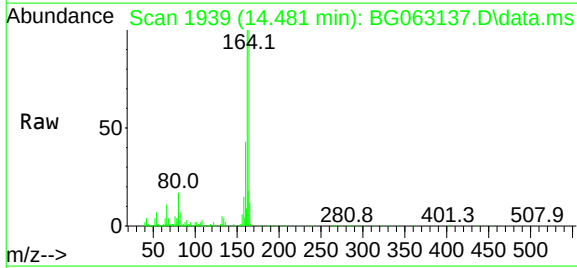
ClientSampleId :

ICVBG103124

Tgt Ion:	164	Resp:	302700
Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.4	125.0
160	43.5	38.0	57.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.270 ng

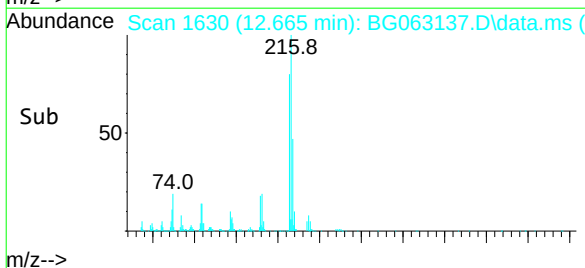
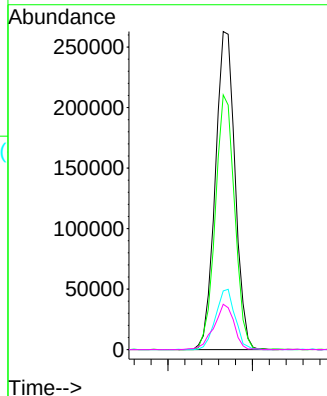
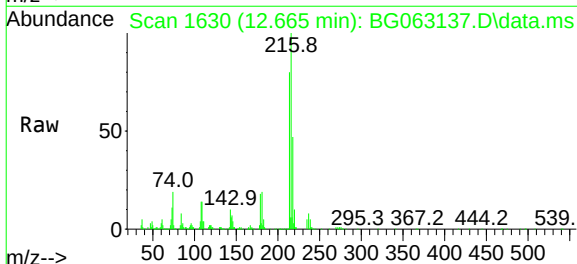
RT: 12.665 min Scan# 1630

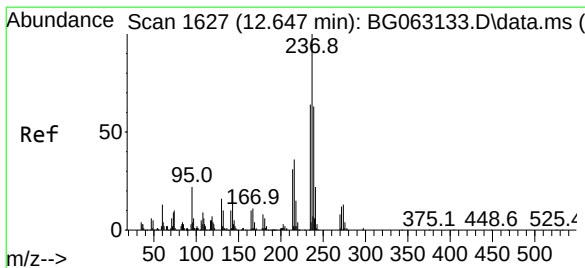
Delta R.T. -0.005 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	216	Resp:	427144
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	18.6	15.7	23.5
108	14.5	12.2	18.2





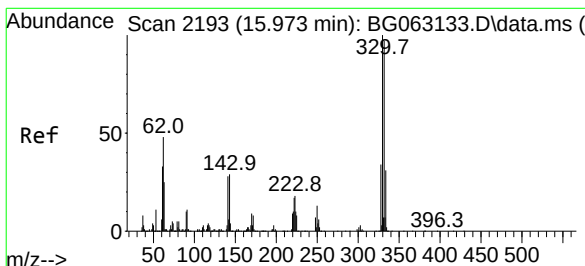
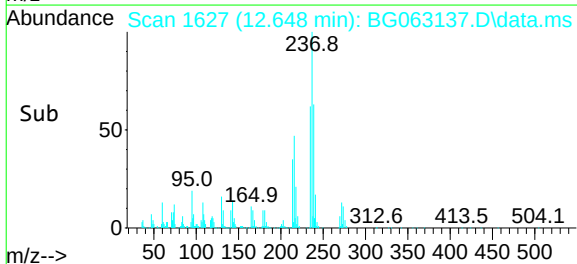
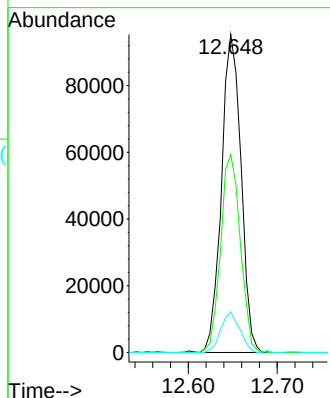
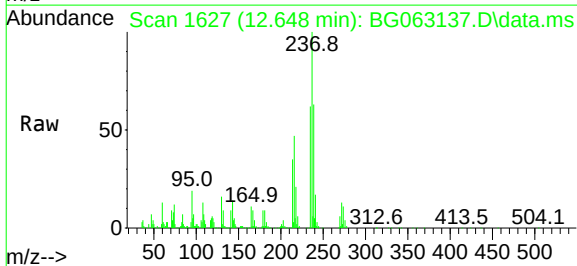
#41
Hexachlorocyclopentadiene
Concen: 41.219 ng
RT: 12.648 min Scan# 1627
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument : BNA_G
ClientSampleId : ICVBG103124

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.8	83.8
272	12.8	0.0	32.4

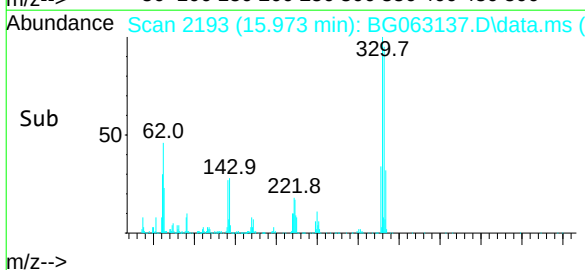
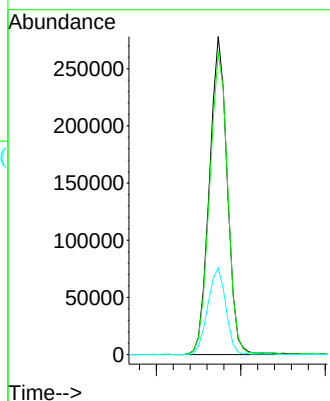
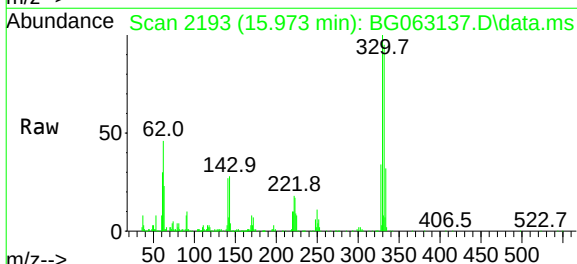
Manual Integrations
APPROVED

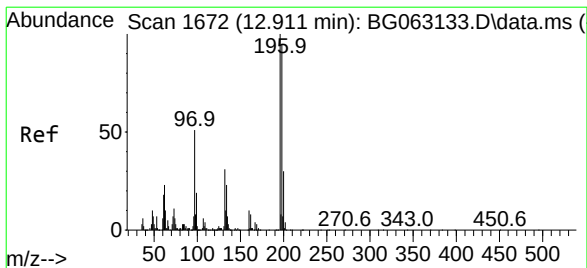
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 79.441 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	27.7	22.6	34.0





#43

2,4,6-Trichlorophenol

Concen: 40.187 ng

RT: 12.912 min Scan# 1672

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

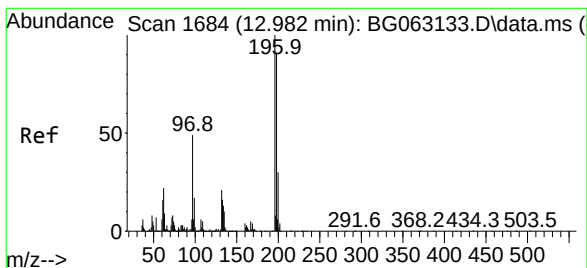
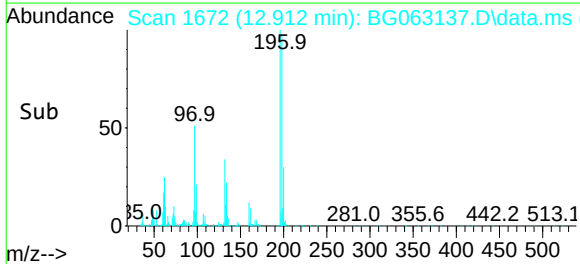
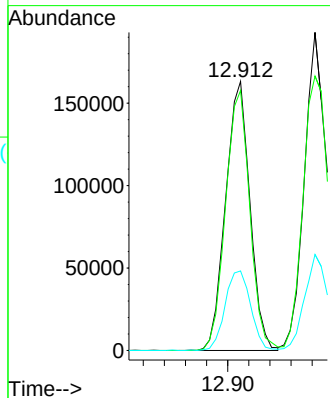
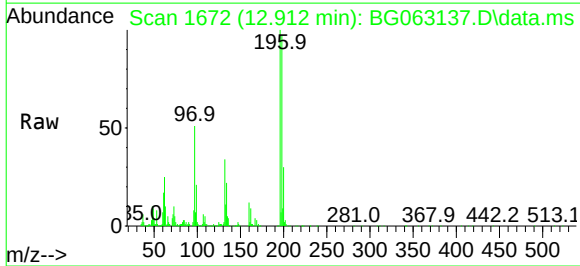
Tgt Ion:	196	Resp:	261703
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.2	114.2
200	29.6	23.8	35.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#44

2,4,5-Trichlorophenol

Concen: 40.162 ng

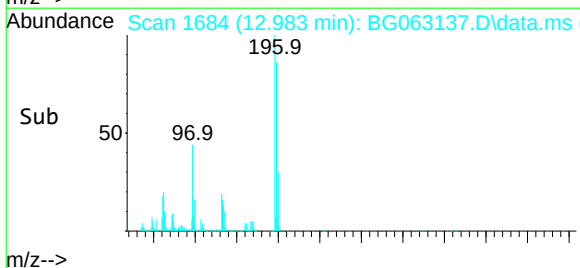
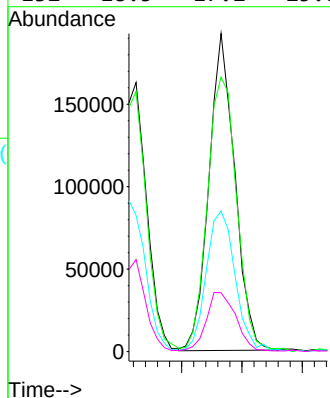
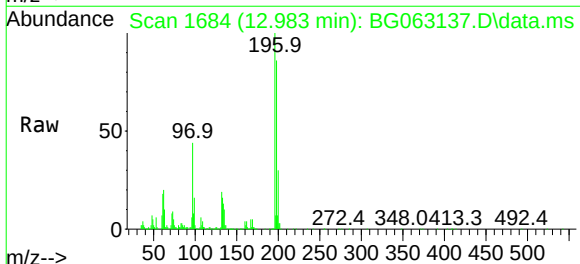
RT: 12.983 min Scan# 1684

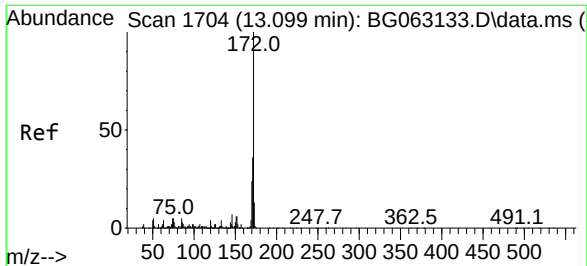
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	196	Resp:	287571
Ion Ratio	Lower	Upper	
196	100		
198	86.3	73.2	109.8
97	44.2	39.1	58.7
132	18.5	17.2	25.8





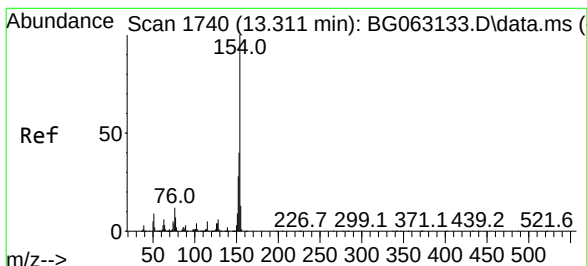
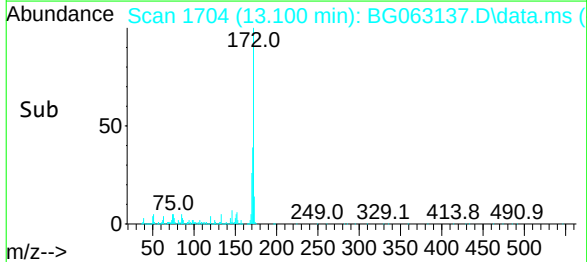
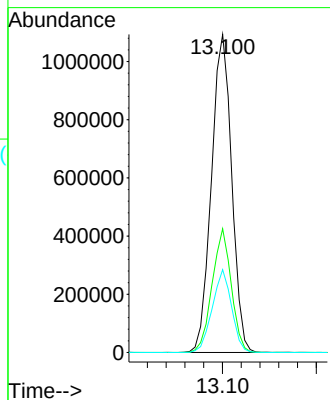
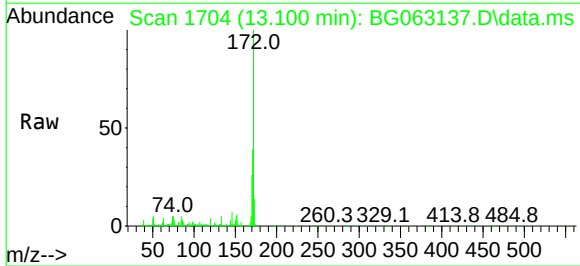
#45
2-Fluorobiphenyl
Concen: 80.126 ng
RT: 13.100 min Scan# 1704
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :
BNA_G
ClientSampleId :
ICVBG103124

Tgt Ion:172 Resp: 1637555
Ion Ratio Lower Upper
172 100
171 38.9 28.6 42.8
170 26.1 19.4 29.2

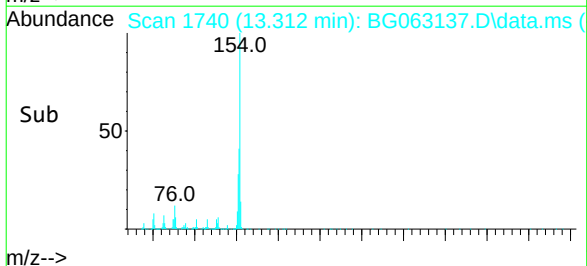
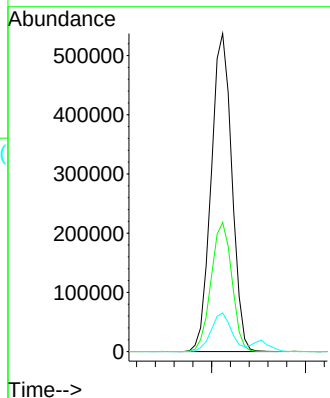
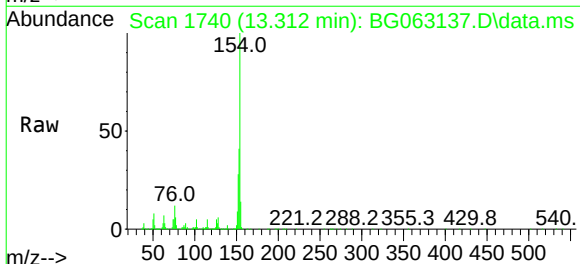
Manual Integrations
APPROVED

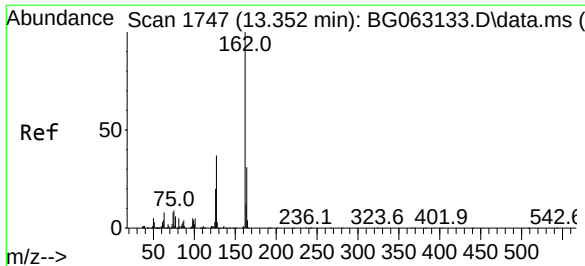
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#46
1,1'-Biphenyl
Concen: 40.011 ng
RT: 13.312 min Scan# 1740
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:154 Resp: 822022
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.2 0.0 32.5





#47

2-Chloronaphthalene

Concen: 39.334 ng

RT: 13.353 min Scan# 1747

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

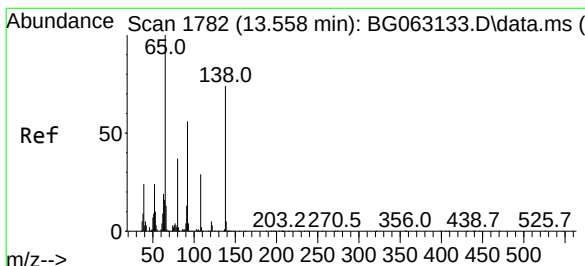
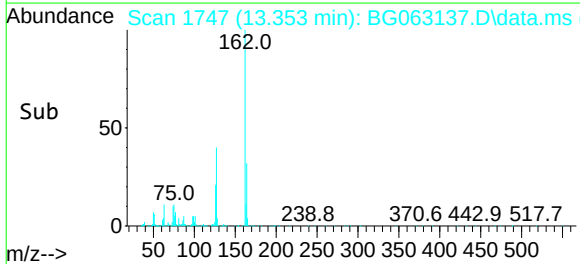
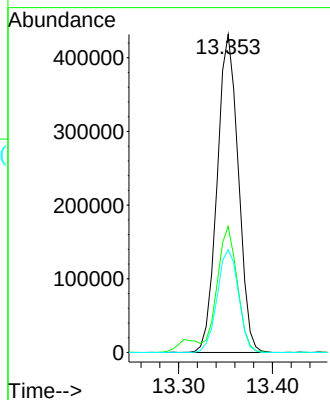
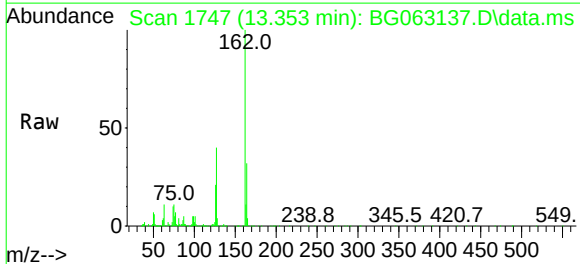
Tgt Ion:	162	Resp:	676796
Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.3	45.5
164	32.3	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 39.836 ng

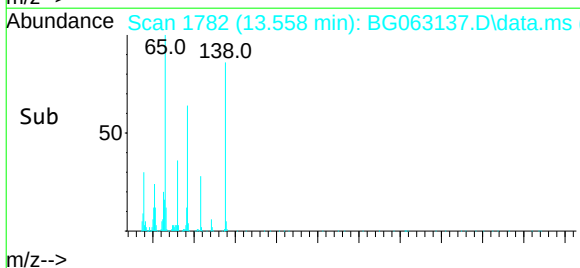
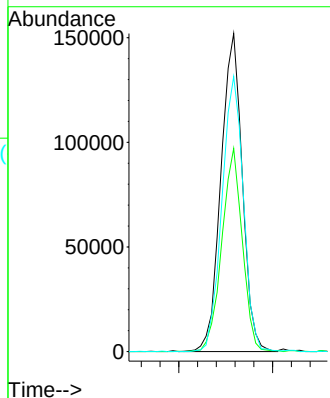
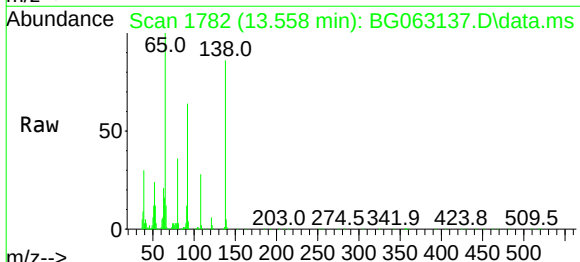
RT: 13.558 min Scan# 1782

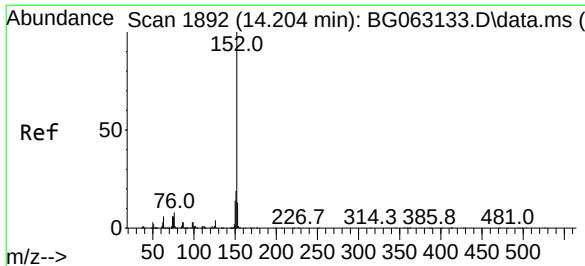
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	65	Resp:	240576
Ion	Ratio	Lower	Upper
65	100		
92	63.9	44.6	66.8
138	86.5	59.0	88.4





#49

Acenaphthylene

Concen: 39.724 ng

RT: 14.199 min Scan# 1892

Delta R.T. -0.005 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

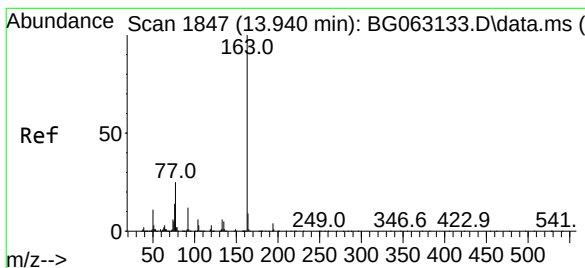
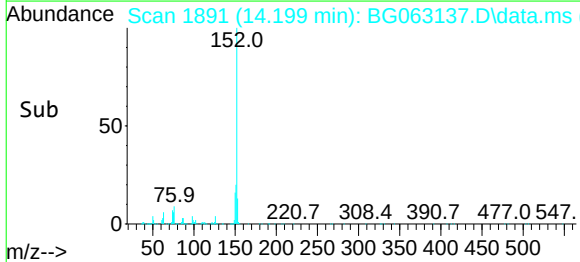
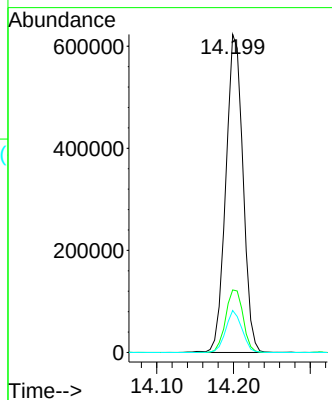
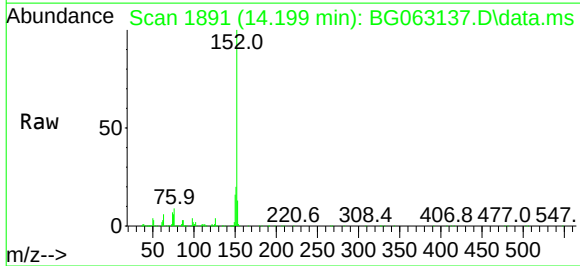
Tgt Ion:	152	Resp:	964907
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.0	22.4
153	13.2	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#50

Dimethylphthalate

Concen: 39.476 ng

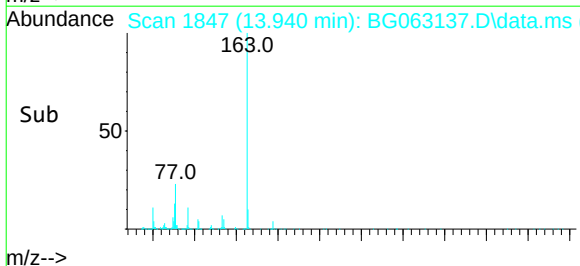
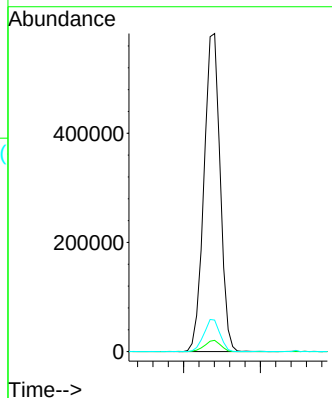
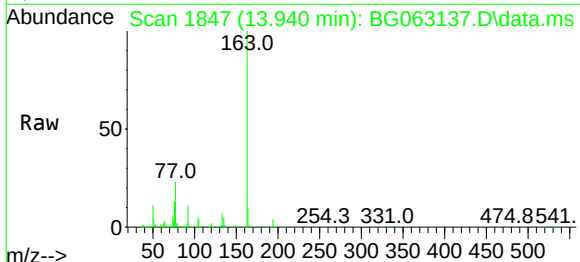
RT: 13.940 min Scan# 1847

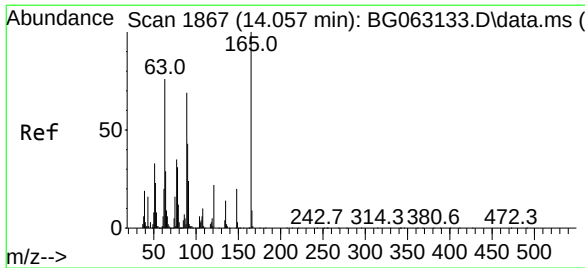
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	163	Resp:	851647
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.4	5.0
164	9.9	7.0	10.6





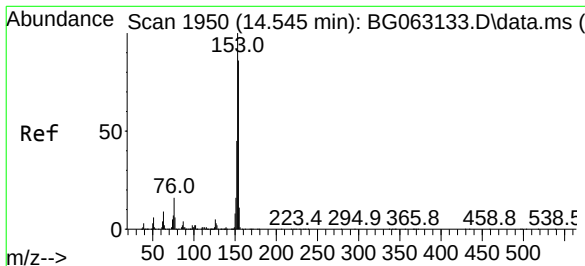
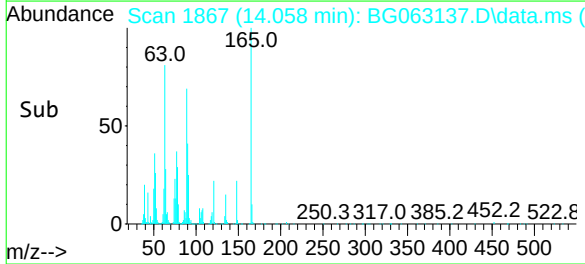
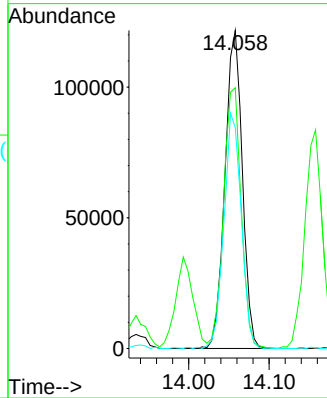
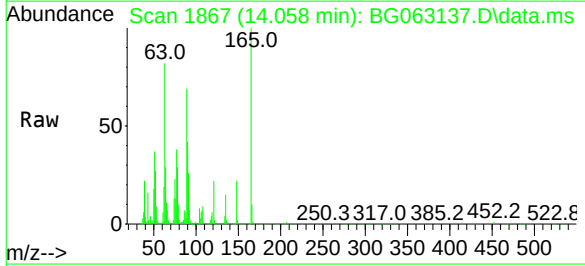
#51
2,6-Dinitrotoluene
Concen: 39.611 ng
RT: 14.058 min Scan# 1867
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :
BNA_G
ClientSampleId :
ICVBG103124

Tgt Ion:165 Resp: 182456
Ion Ratio Lower Upper
165 100
63 82.0 63.8 95.8
89 69.4 55.1 82.7

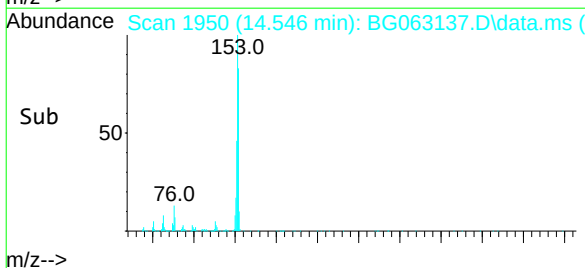
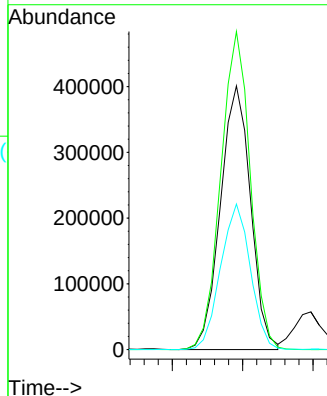
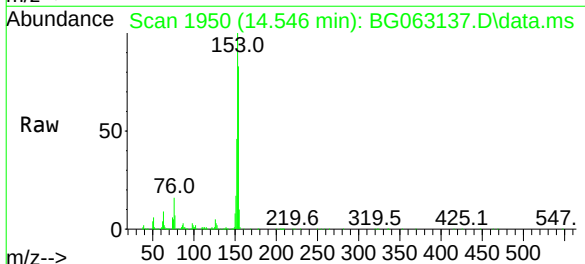
Manual Integrations
APPROVED

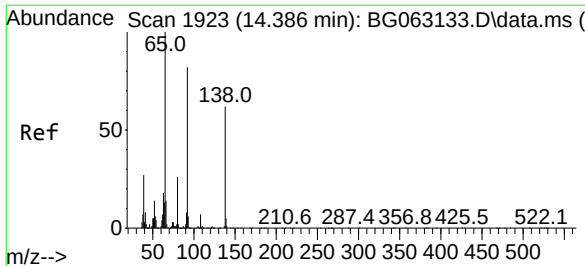
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 39.720 ng
RT: 14.546 min Scan# 1950
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

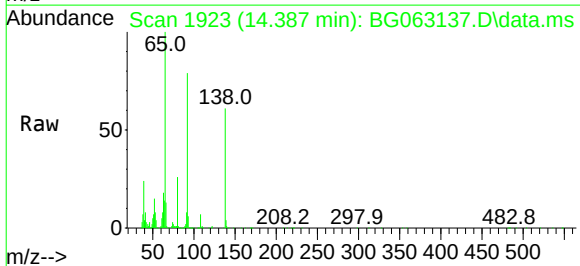
Tgt Ion:154 Resp: 597317
Ion Ratio Lower Upper
154 100
153 120.6 93.1 139.7
152 55.2 42.2 63.2





#53
3-Nitroaniline
Concen: 41.143 ng
RT: 14.387 min Scan# 1923
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

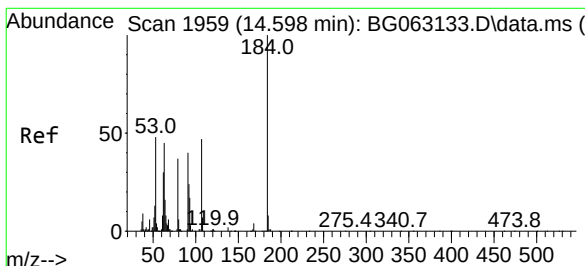
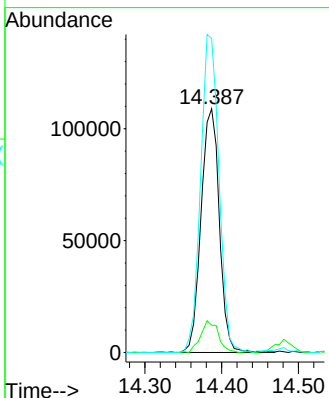
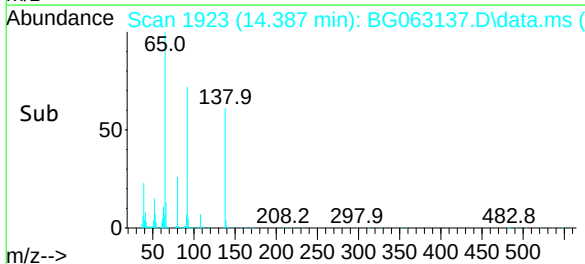
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion:138 Resp: 179926
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.0
92 128.9 106.2 159.2

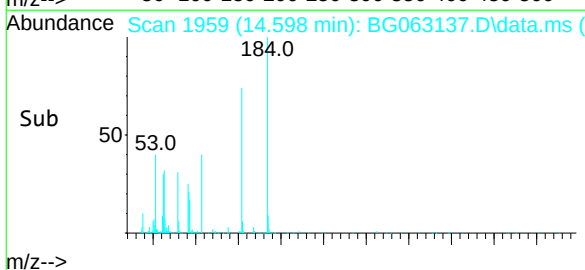
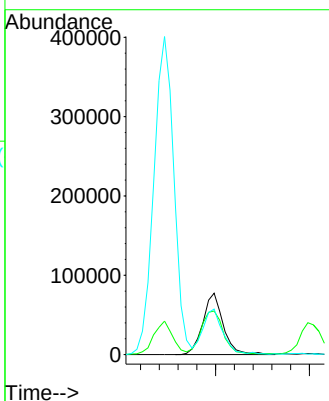
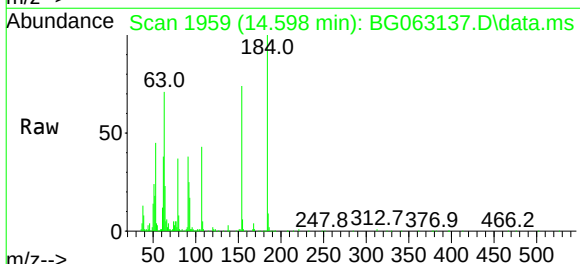
Manual Integrations
APPROVED

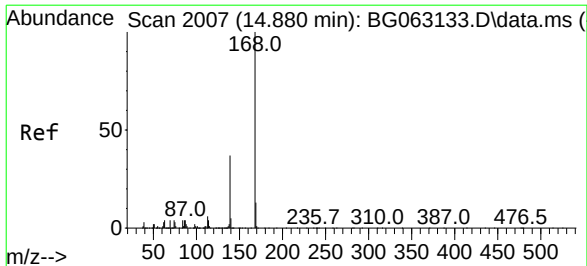
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 41.570 ng
RT: 14.598 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:184 Resp: 116781
Ion Ratio Lower Upper
184 100
63 71.0 58.5 87.7
154 74.1 60.6 90.8





#55

Dibenzenofuran

Concen: 39.647 ng

RT: 14.880 min Scan# 2007

Delta R.T. 0.001 min

Lab File: BG063137.D

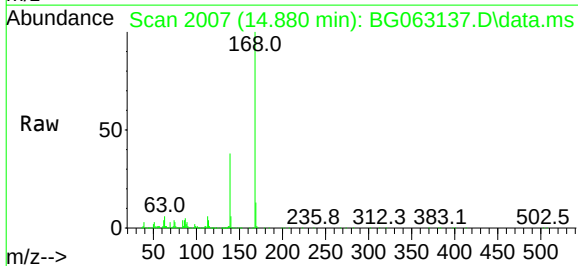
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124



Tgt Ion:168 Resp: 1051277

Ion Ratio Lower Upper

168 100

139 37.7 29.9 44.9

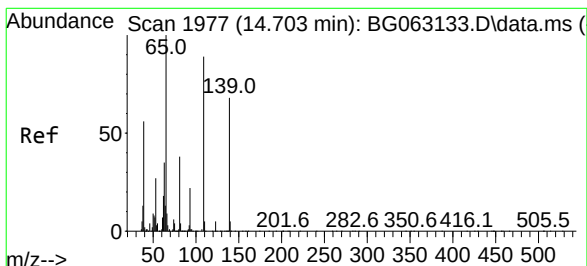
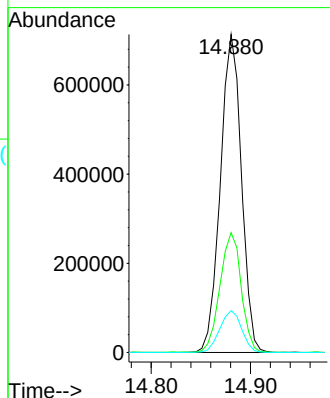
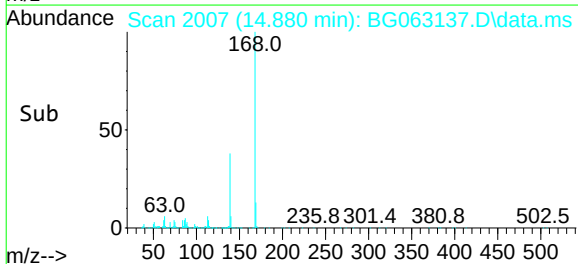
169 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#56

4-Nitrophenol

Concen: 43.022 ng

RT: 14.704 min Scan# 1977

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

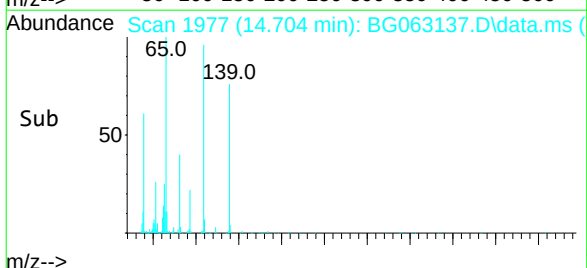
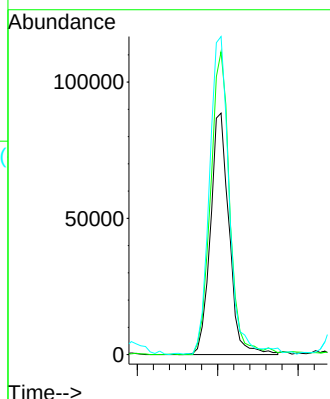
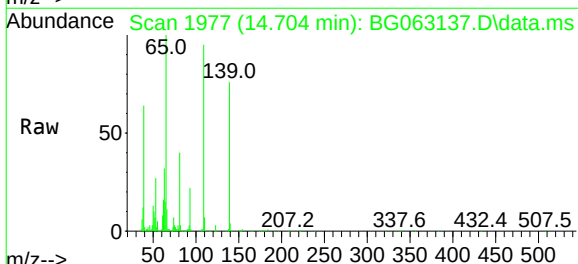
Tgt Ion:139 Resp: 142446

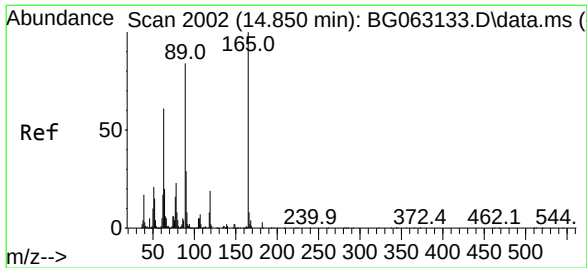
Ion Ratio Lower Upper

139 100

109 125.5 112.0 152.0

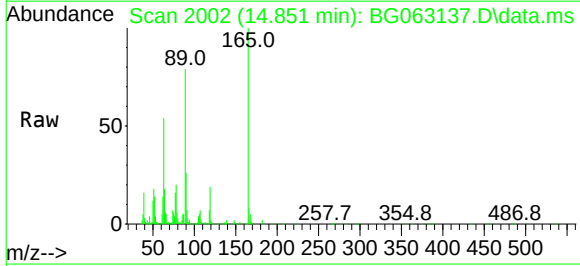
65 131.7 127.6 167.6





#57
2,4-Dinitrotoluene
Concen: 40.427 ng
RT: 14.851 min Scan# 2002
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

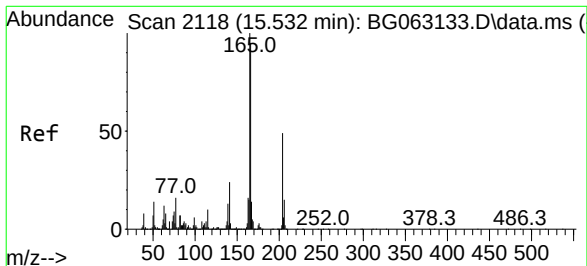
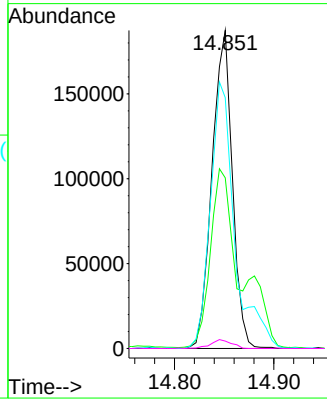
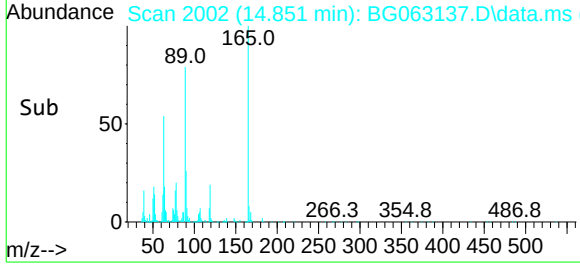
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion:165 Resp: 266334
Ion Ratio Lower Upper
165 100
63 53.7 49.0 73.4
89 78.9 67.4 101.0
182 2.3 2.2 3.4

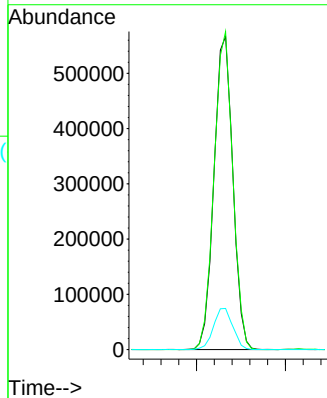
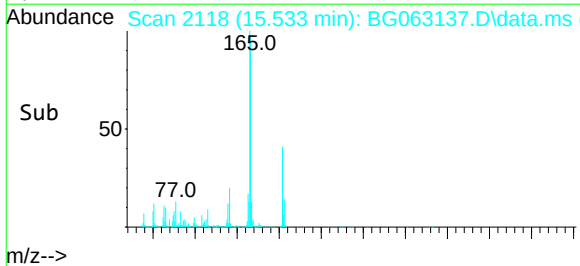
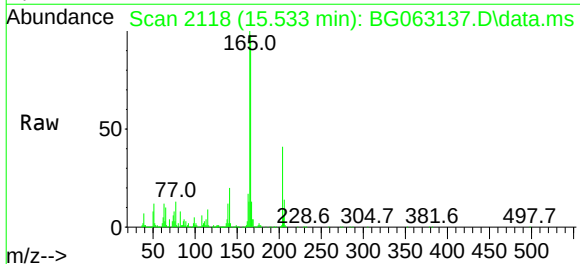
Manual Integrations
APPROVED

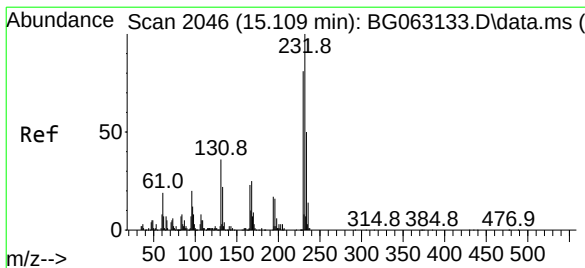
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 39.799 ng
RT: 15.533 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

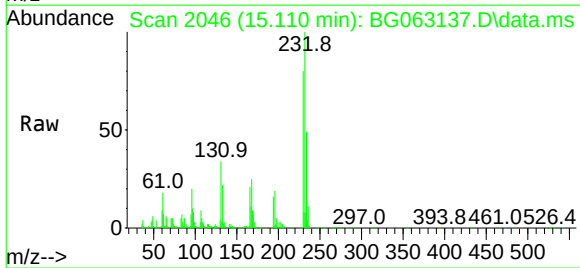
Tgt Ion:166 Resp: 836285
Ion Ratio Lower Upper
166 100
165 101.6 84.1 126.1
167 13.1 11.6 17.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.298 ng
RT: 15.110 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

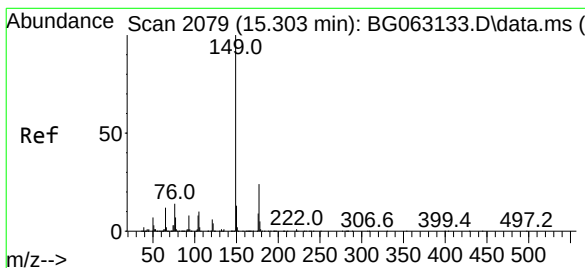
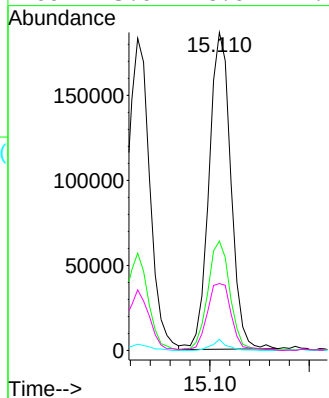
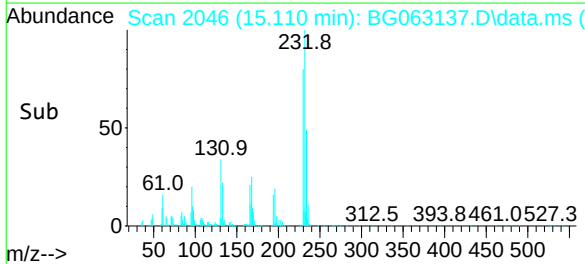
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



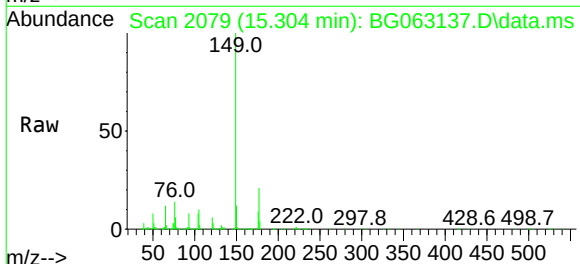
Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.9	26.8	40.2
130	2.5	1.8	2.8
166	23.6	18.6	27.8

Manual Integrations
APPROVED

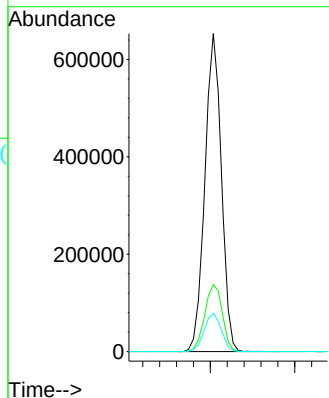
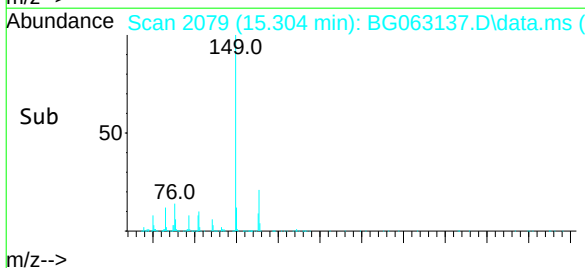
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

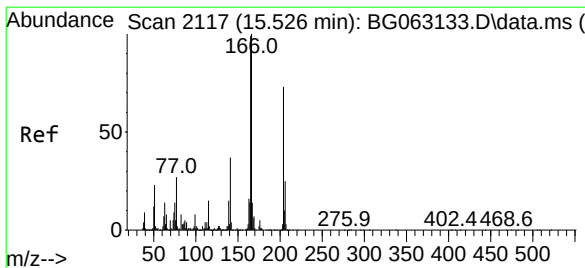


#60
Diethylphthalate
Concen: 39.961 ng
RT: 15.304 min Scan# 2079
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



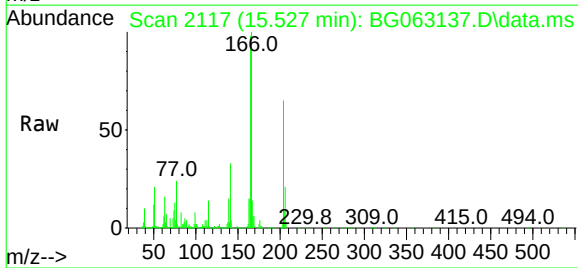
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.8	28.2
150	12.1	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.340 ng
RT: 15.527 min Scan# 2117
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

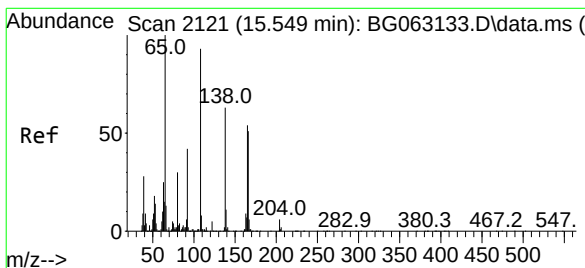
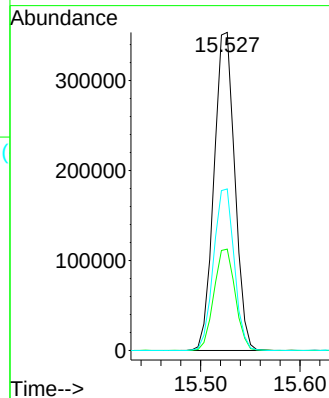
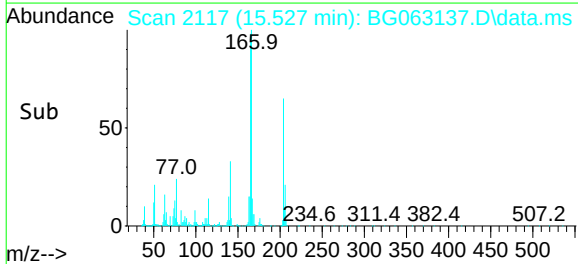
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



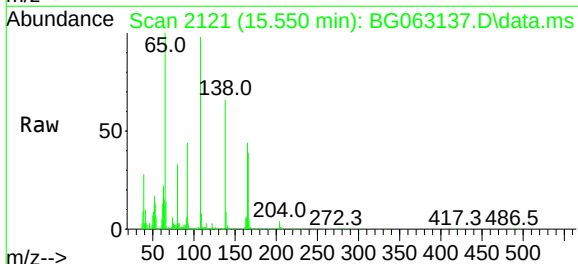
Tgt Ion: 204 Resp: 513805
Ion Ratio Lower Upper
204 100
206 31.9 27.0 40.4
141 50.8 41.0 61.4

Manual Integrations
APPROVED

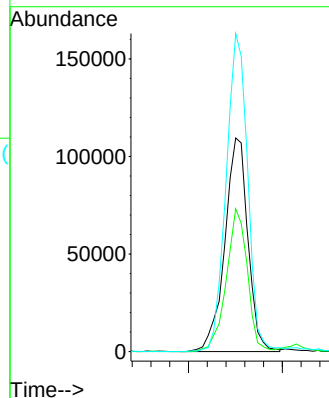
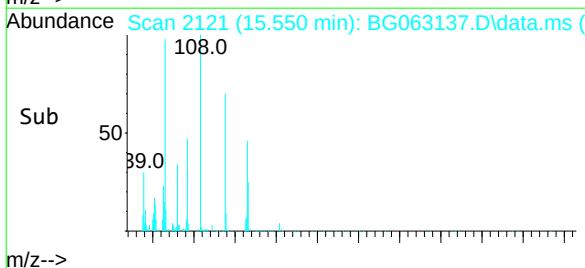
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

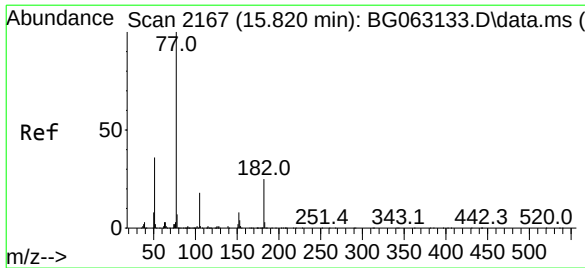


#62
4-Nitroaniline
Concen: 38.781 ng
RT: 15.550 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



Tgt Ion: 138 Resp: 187116
Ion Ratio Lower Upper
138 100
92 66.9 46.2 86.2
108 148.9 126.8 166.8





#63

Azobenzene

Concen: 39.269 ng

RT: 15.821 min Scan# 2167

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

Tgt Ion: 77 Resp: 899730

Ion Ratio Lower Upper

77 100

182 25.2 5.4 45.4

105 17.0 0.0 37.5

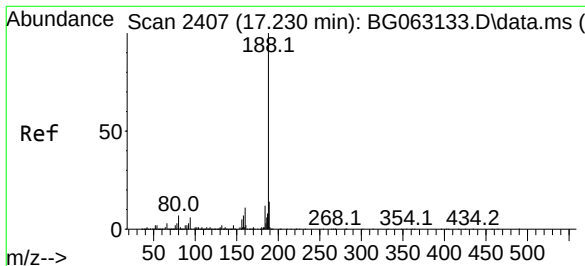
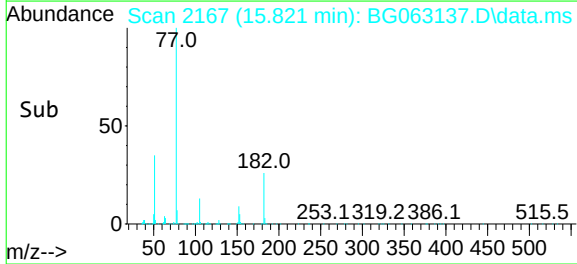
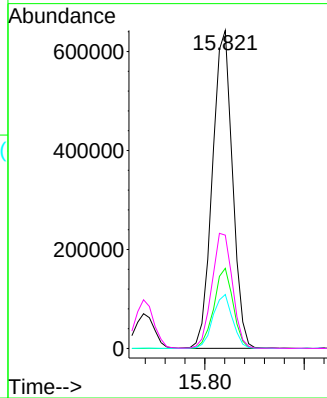
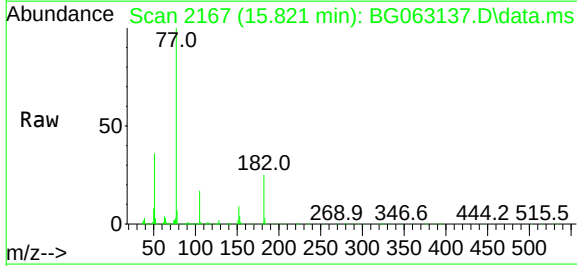
51 35.6 15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.231 min Scan# 2407

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

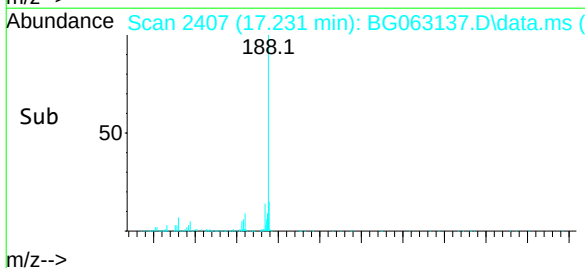
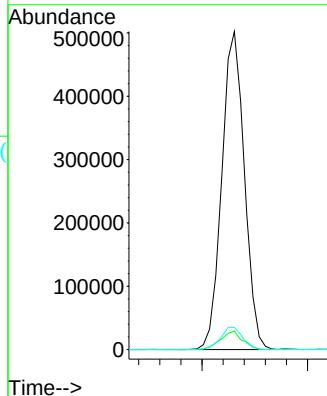
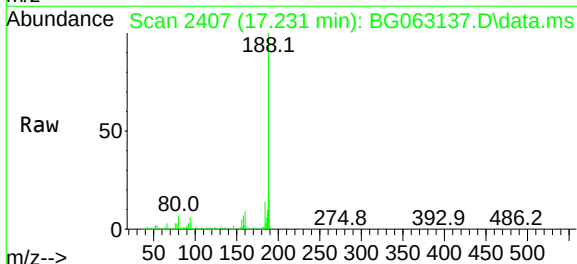
Tgt Ion:188 Resp: 745172

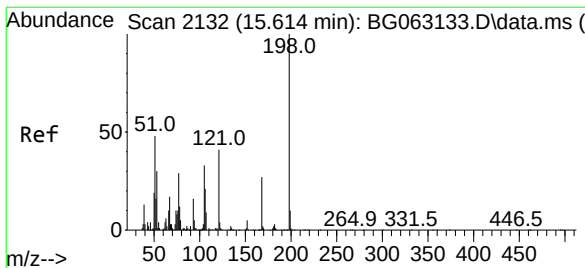
Ion Ratio Lower Upper

188 100

94 5.8 4.8 7.2

80 7.0 5.9 8.9





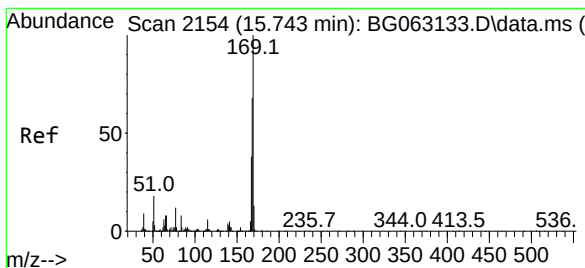
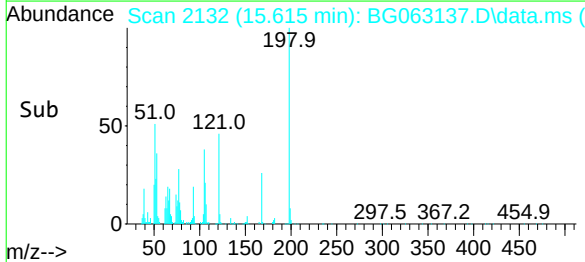
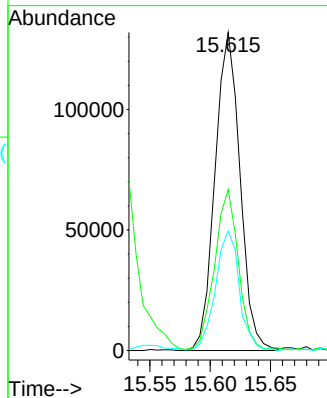
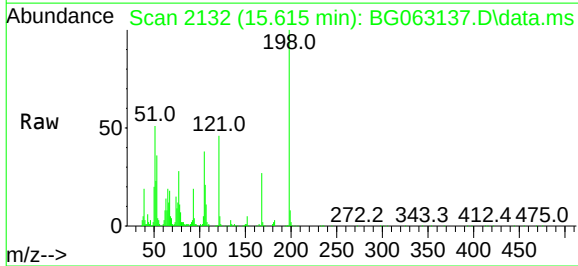
#65
4,6-Dinitro-2-methylphenol
Concen: 39.662 ng
RT: 15.615 min Scan# 2132
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :
BNA_G
ClientSampleId :
ICVBG103124

Tgt Ion:198 Resp: 190017
Ion Ratio Lower Upper
198 100
51 50.6 30.3 70.3
105 37.6 13.6 53.6

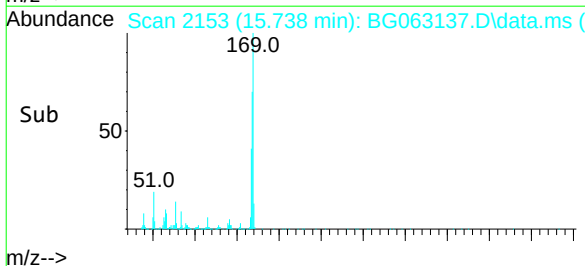
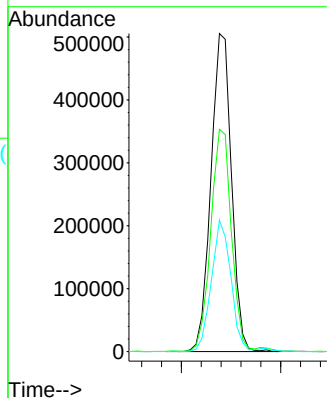
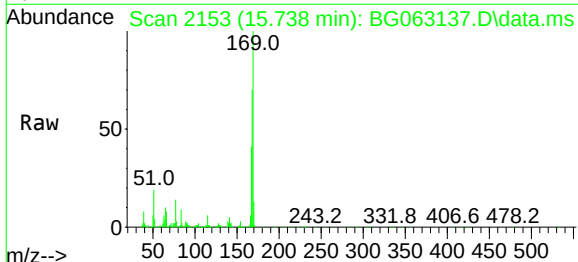
Manual Integrations
APPROVED

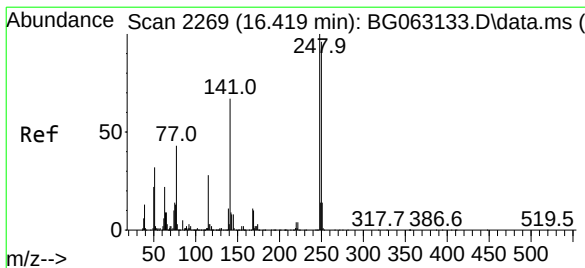
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 39.006 ng
RT: 15.738 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

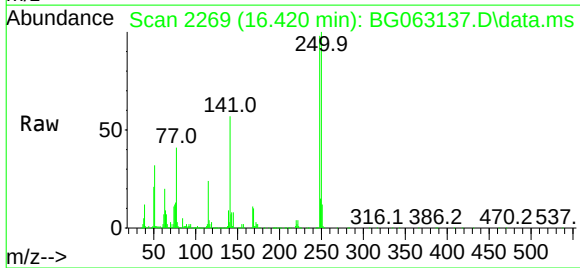
Tgt Ion:169 Resp: 725136
Ion Ratio Lower Upper
169 100
168 69.9 54.8 82.2
167 41.3 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 40.286 ng
RT: 16.420 min Scan# 2269
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

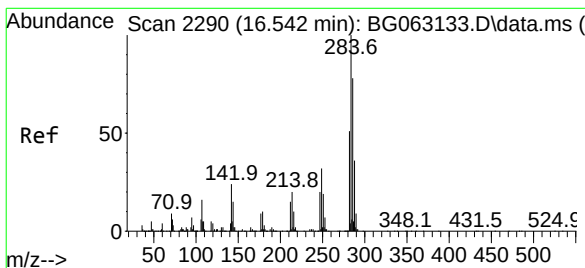
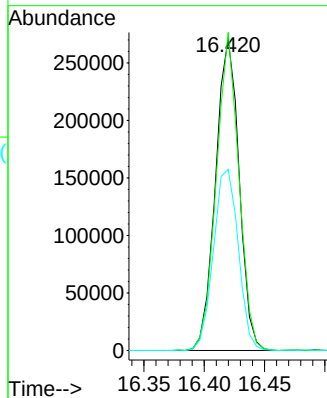
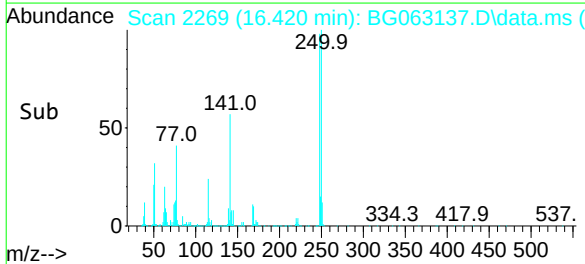
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion:248 Resp: 367902
Ion Ratio Lower Upper
248 100
250 101.9 76.6 115.0
141 58.0 53.9 80.9

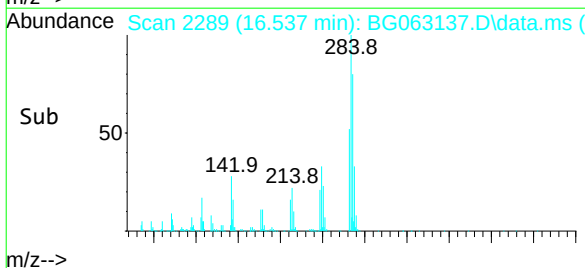
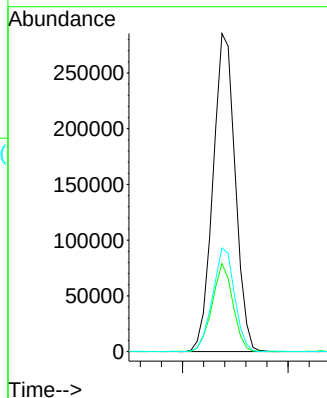
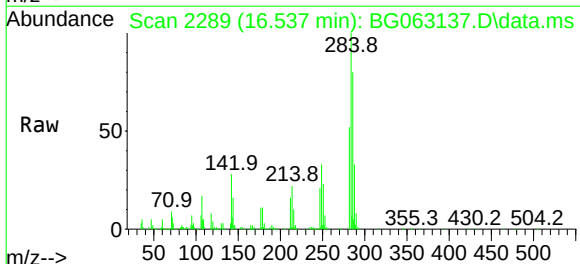
Manual Integrations
APPROVED

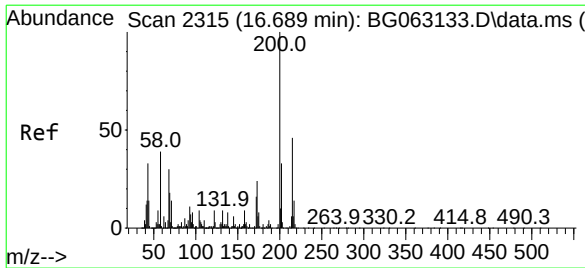
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 39.523 ng
RT: 16.537 min Scan# 2289
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:284 Resp: 418138
Ion Ratio Lower Upper
284 100
142 27.7 19.0 28.6
249 35.0 25.8 38.8





#69

Atrazine

Concen: 33.158 ng

RT: 16.690 min Scan# 2315

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

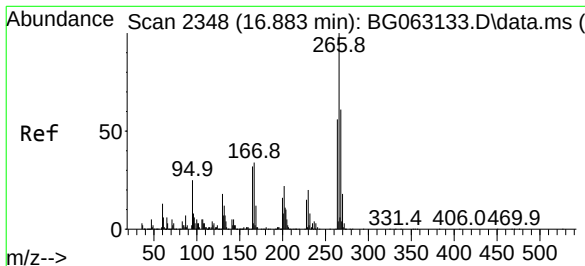
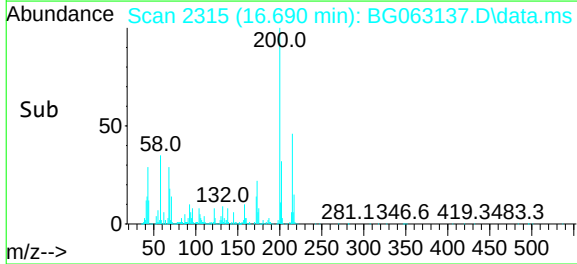
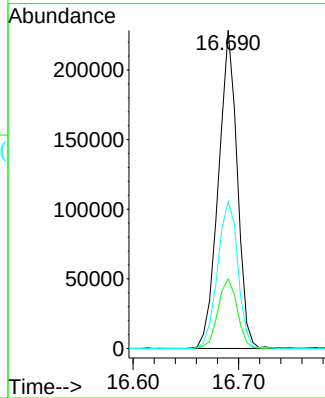
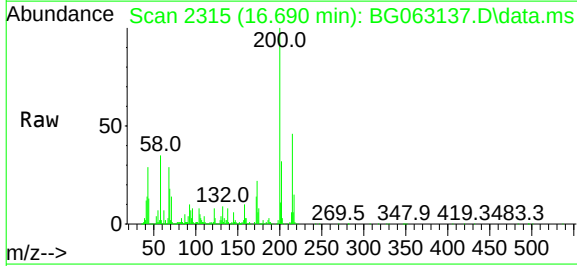
Tgt	Ion:200	Resp:	283358
Ion	Ratio	Lower	Upper
200	100		
173	21.9	3.6	43.6
215	46.2	25.8	65.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 42.636 ng

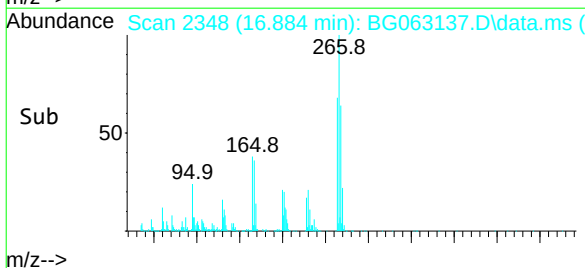
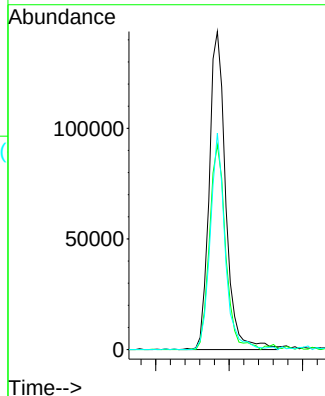
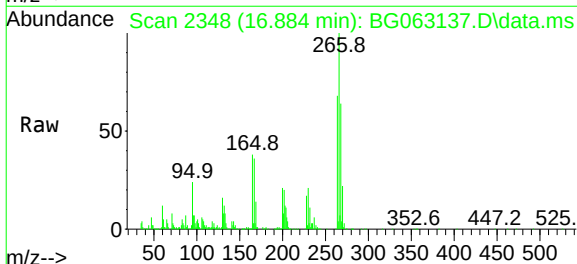
RT: 16.884 min Scan# 2348

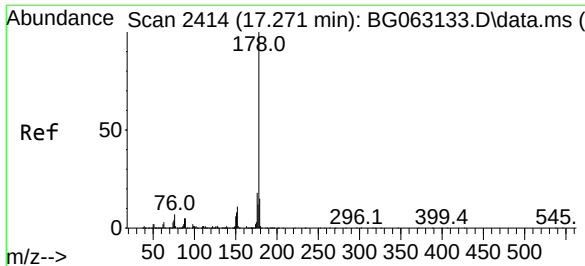
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

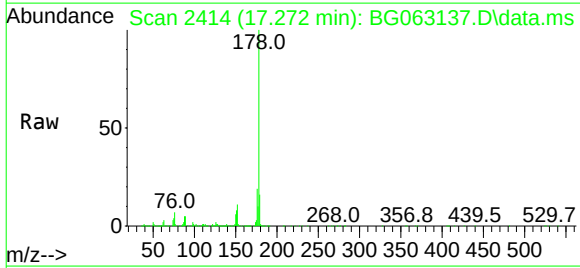
Tgt	Ion:266	Resp:	224423
Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.8	73.2
264	68.1	45.0	67.4#





#71
Phenanthrene
Concen: 38.779 ng
RT: 17.272 min Scan# 2414
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

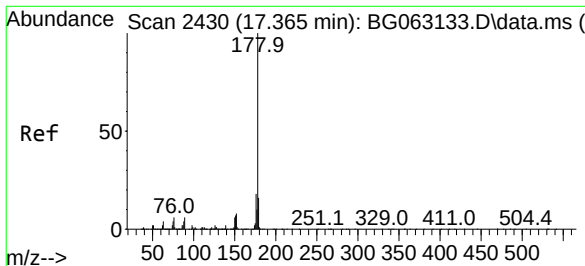
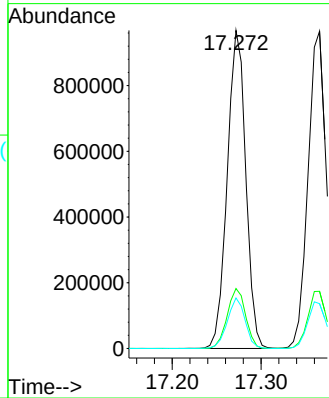
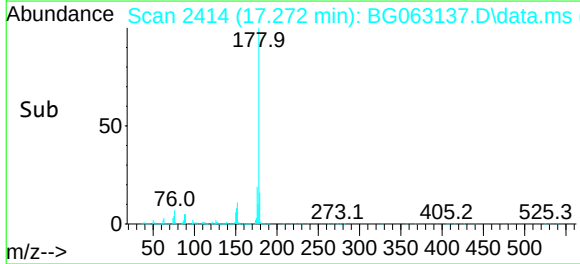
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



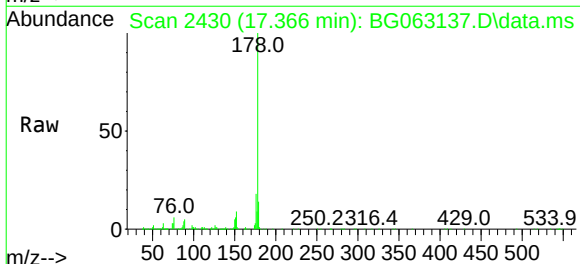
Tgt Ion:178 Resp: 1400864
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.9 12.3 18.5

Manual Integrations
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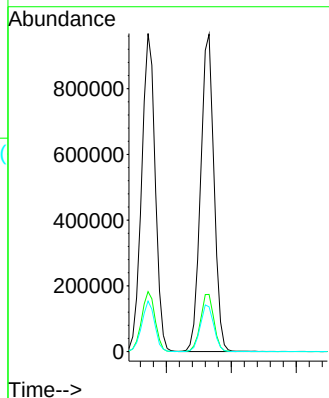
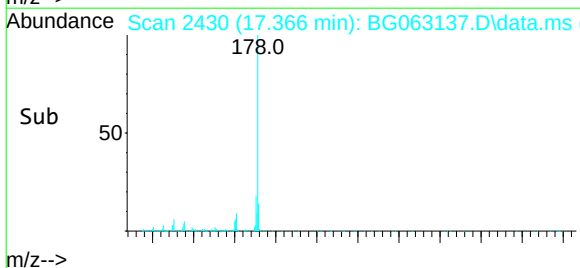
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

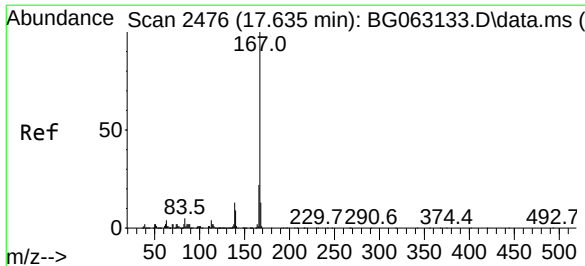


#72
Anthracene
Concen: 38.972 ng
RT: 17.366 min Scan# 2430
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



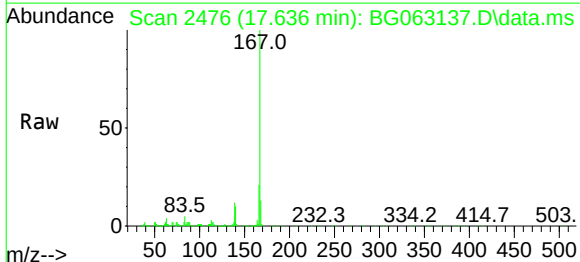
Tgt Ion:178 Resp: 1381800
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 14.1 12.4 18.6





#73
 Carbazole
 Concen: 37.979 ng
 RT: 17.636 min Scan# 2476
 Delta R.T. 0.001 min
 Lab File: BG063137.D
 Acq: 31 Oct 2024 17:38

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG103124

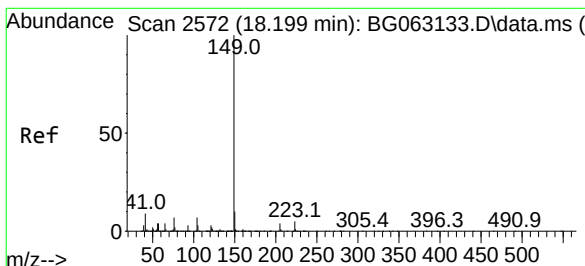
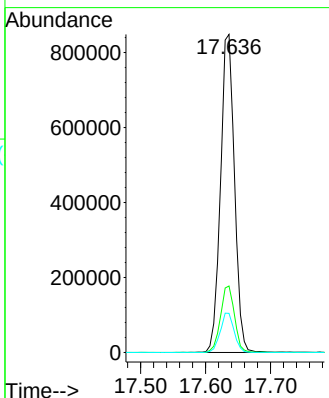
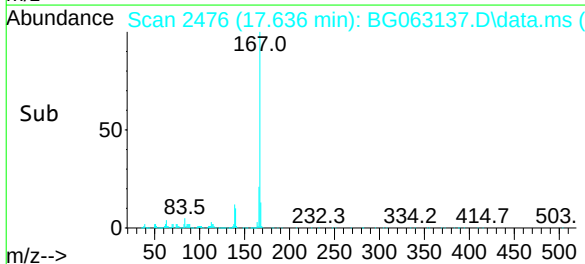


Tgt Ion:167 Resp: 1267629

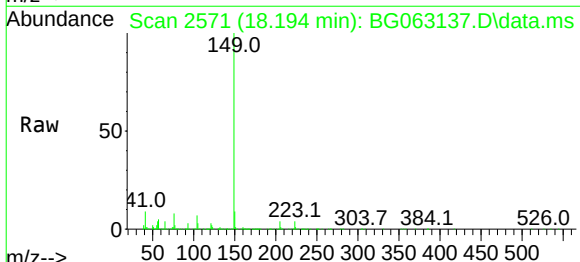
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.2
139	12.3	10.3	15.5

Manual Integrations
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Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

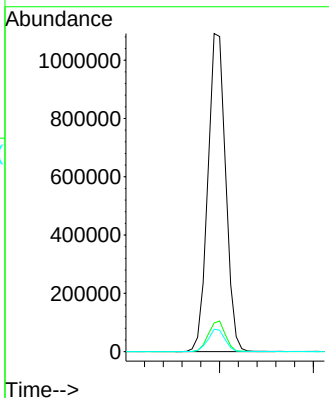
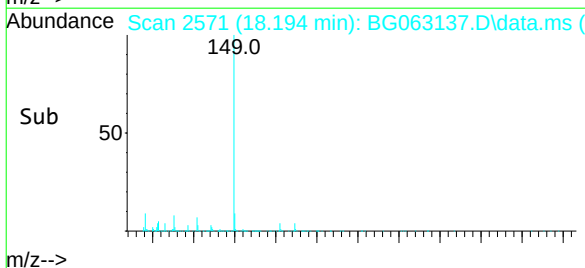


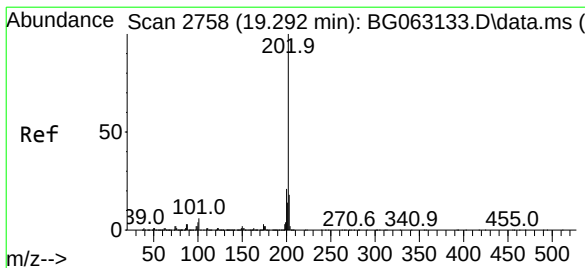
#74
 Di-n-butylphthalate
 Concen: 37.886 ng
 RT: 18.194 min Scan# 2571
 Delta R.T. -0.005 min
 Lab File: BG063137.D
 Acq: 31 Oct 2024 17:38



Tgt Ion:149 Resp: 1435699

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.8
104	7.0	5.4	8.0





#75

Fluoranthene

Concen: 36.740 ng

RT: 19.293 min Scan# 2758

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

Tgt Ion:202 Resp: 1878656

Ion Ratio Lower Upper

202 100

101 5.8 0.0 25.8

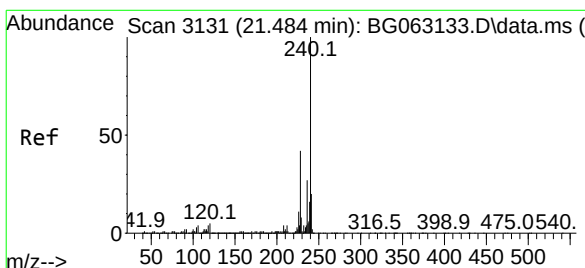
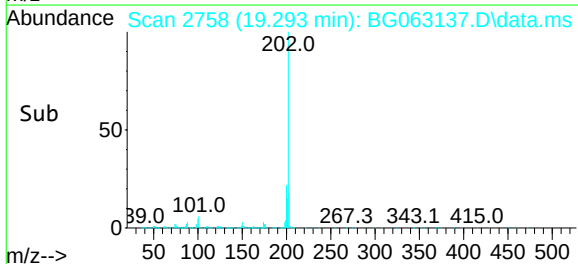
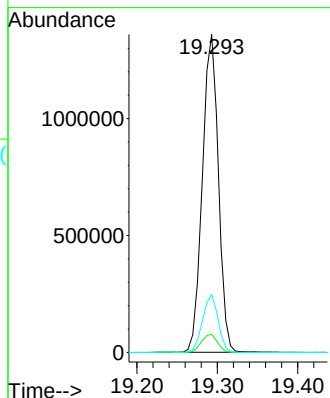
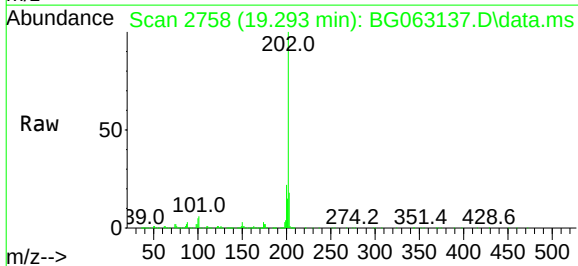
203 18.2 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.485 min Scan# 3131

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

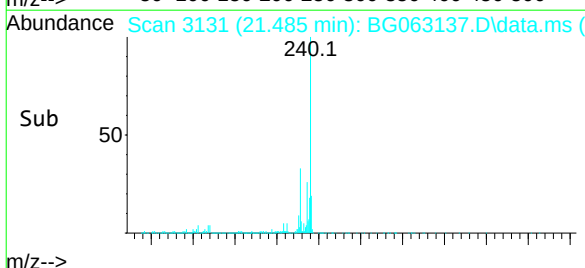
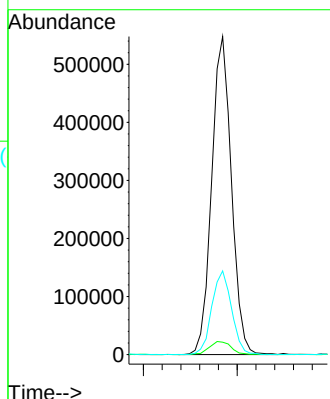
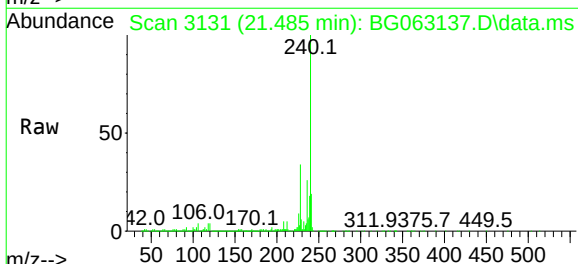
Tgt Ion:240 Resp: 801072

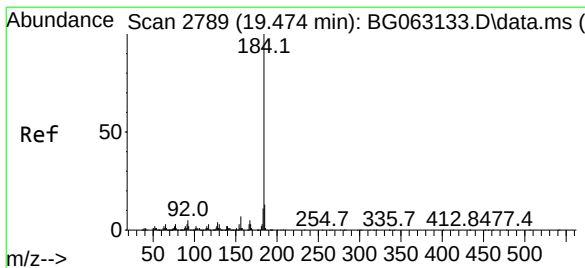
Ion Ratio Lower Upper

240 100

120 3.9 3.9 5.9#

236 26.3 21.4 32.2





#77

Benzidine

Concen: 17.476 ng

RT: 19.475 min Scan# 2789

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

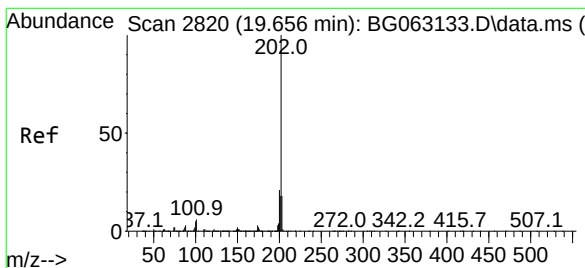
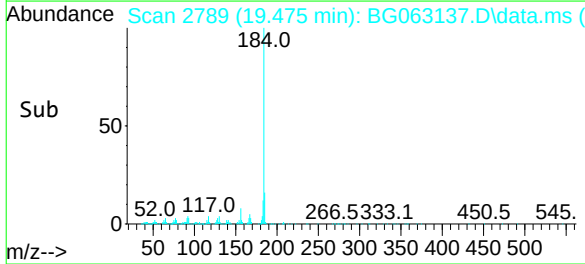
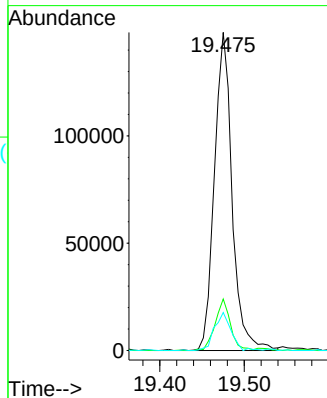
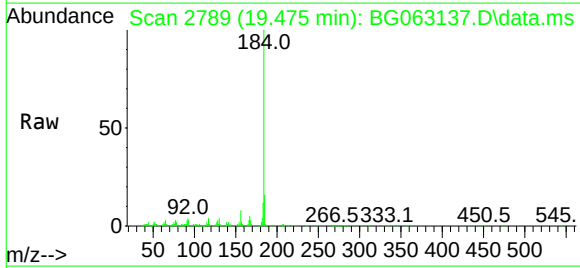
Tgt Ion:	184	Resp:	215701
Ion Ratio	Lower	Upper	
184	100		
185	16.2	10.6	16.0
183	11.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 40.958 ng

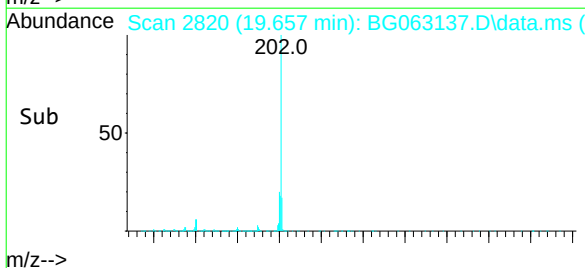
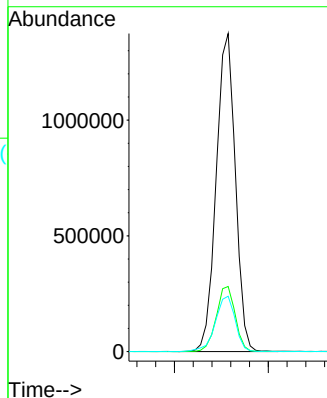
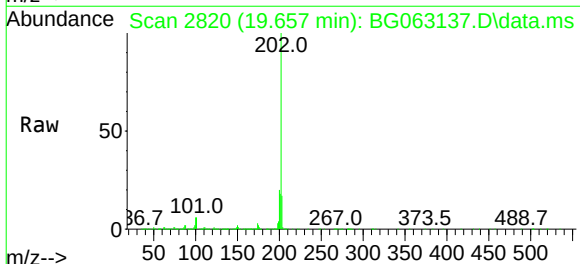
RT: 19.657 min Scan# 2820

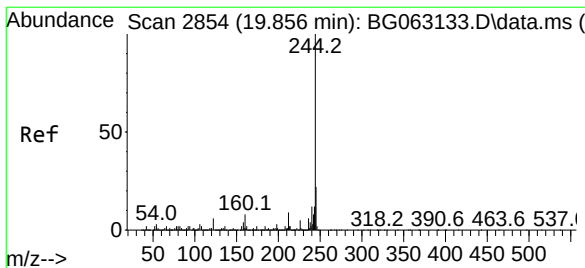
Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:	202	Resp:	1944997
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.7	25.1
203	17.4	14.2	21.2





#79

Terphenyl-d14

Concen: 81.429 ng

RT: 19.857 min Scan# 28

Delta R.T. 0.001 min

Lab File: BG063137.D

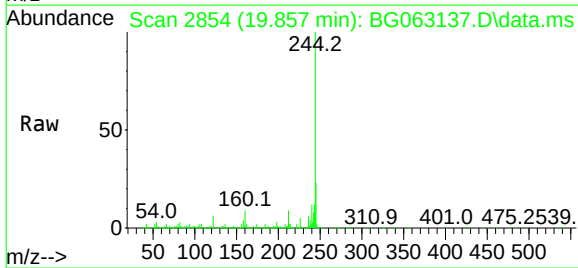
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124



Tgt Ion:244 Resp: 3169854

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

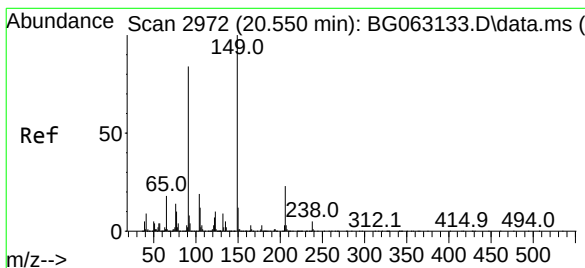
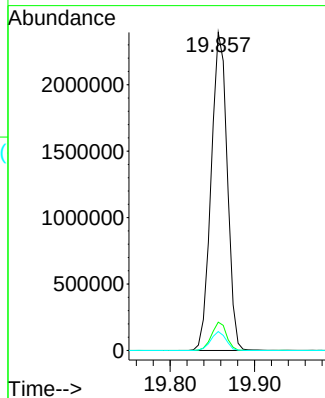
122 6.0 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 40.030 ng

RT: 20.550 min Scan# 2972

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

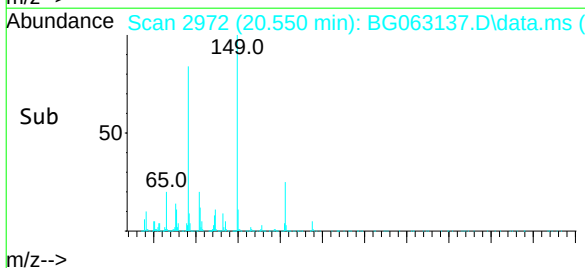
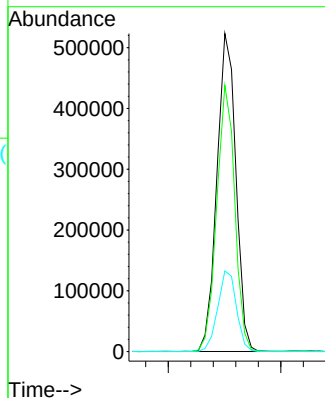
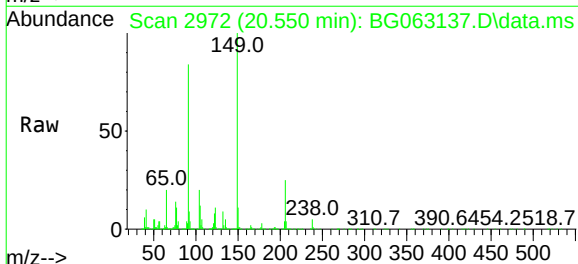
Tgt Ion:149 Resp: 612466

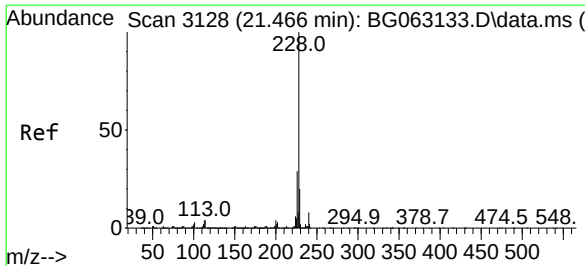
Ion Ratio Lower Upper

149 100

91 83.7 67.3 100.9

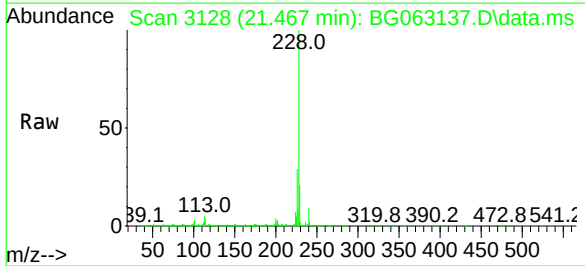
206 25.4 18.8 28.2





#81
Benzo(a)anthracene
Concen: 39.817 ng
RT: 21.467 min Scan# 3114
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Instrument :
BNA_G
ClientSampleId :
ICVBG103124

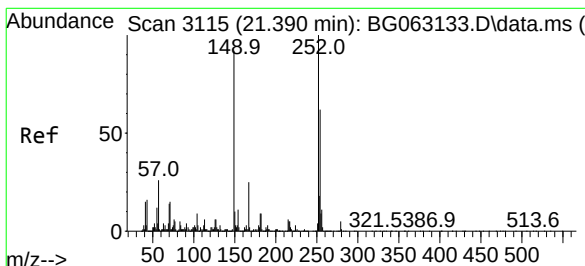
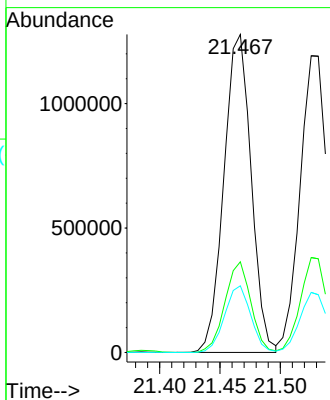
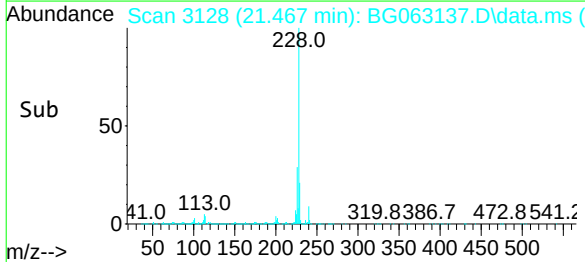


Tgt Ion: 228 Resp: 2008594

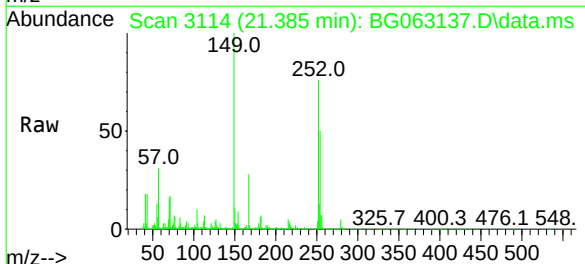
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	21.0	16.2	24.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

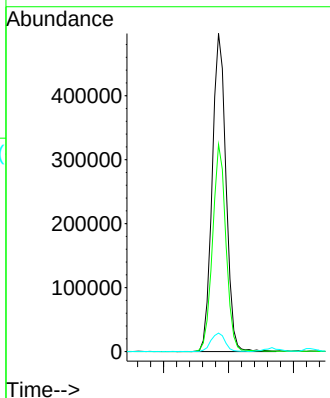
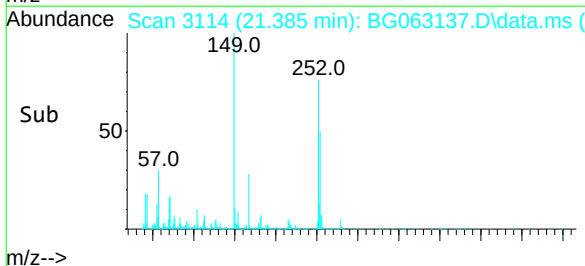


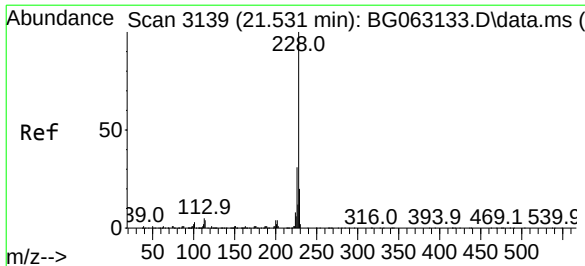
#82
3,3'-Dichlorobenzidine
Concen: 39.227 ng
RT: 21.385 min Scan# 3114
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38



Tgt Ion: 252 Resp: 733673

Ion	Ratio	Lower	Upper
252	100		
254	65.1	49.4	74.2
126	5.8	4.8	7.2





#83

Chrysene

Concen: 39.845 ng

RT: 21.526 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

Tgt Ion:228 Resp: 1888171

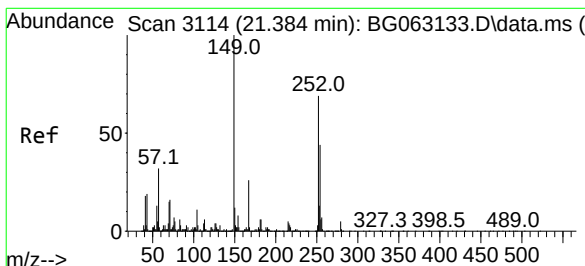
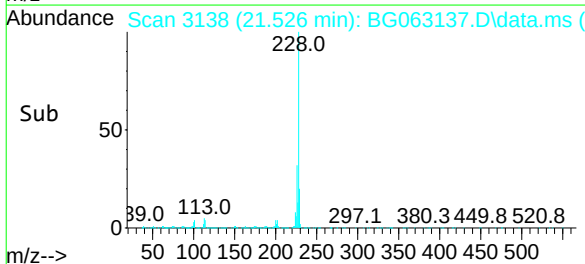
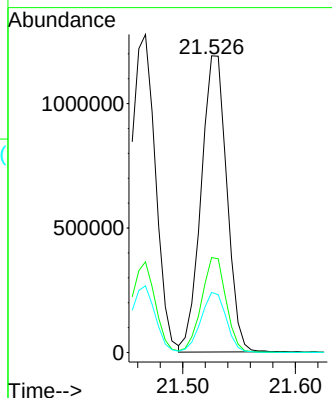
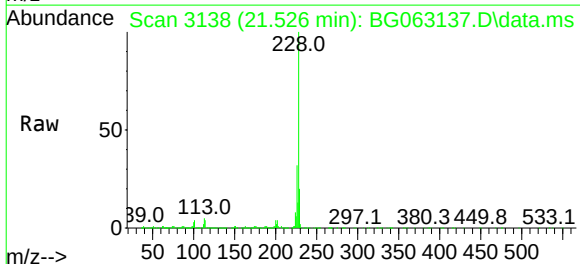
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.2	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.124 ng

RT: 21.385 min Scan# 3114

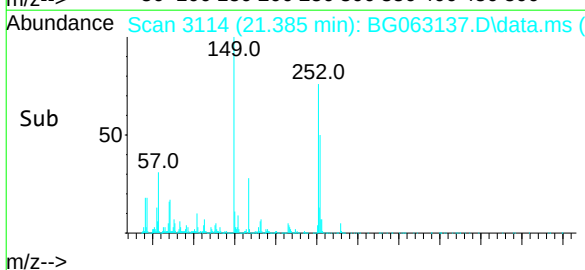
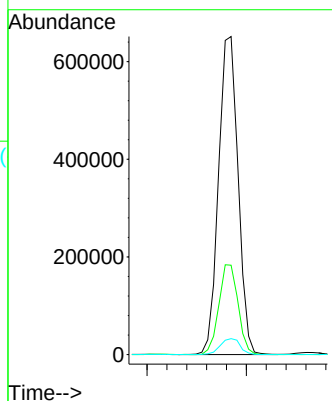
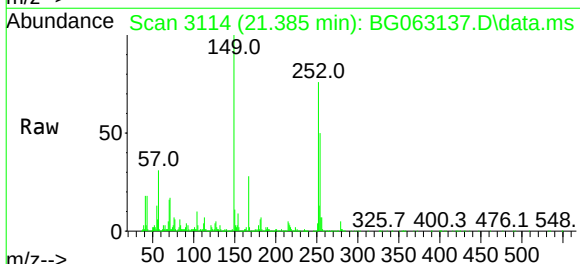
Delta R.T. 0.001 min

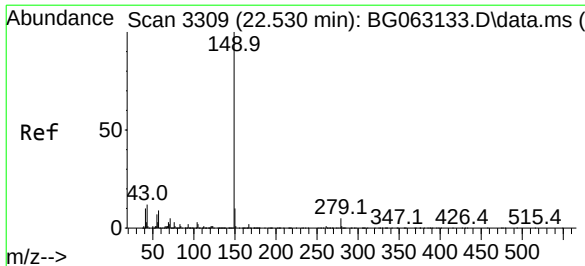
Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:149 Resp: 890581

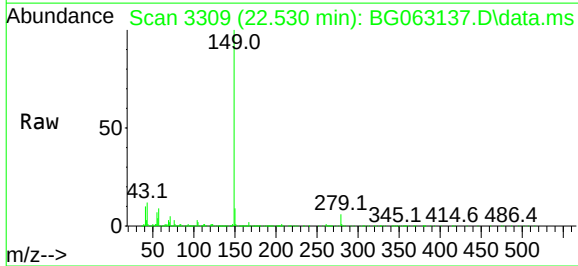
Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.6	31.0
279	5.0	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 40.606 ng
RT: 22.530 min Scan# 3309
Delta R.T. 0.001 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

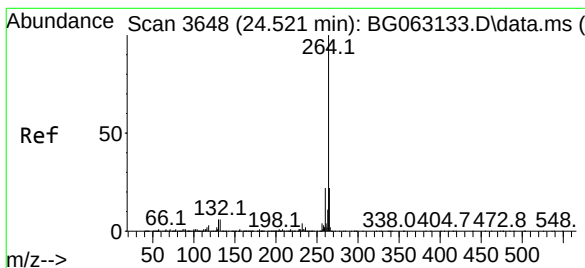
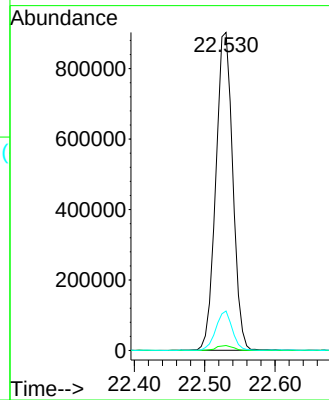
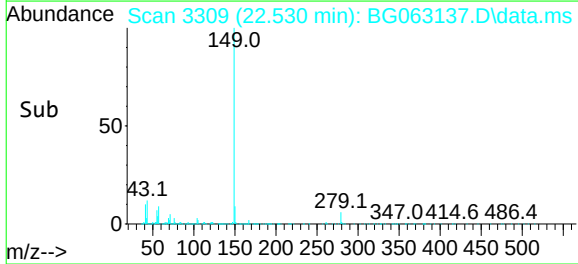
Instrument :
BNA_G
ClientSampleId :
ICVBG103124



Tgt Ion:149 Resp: 1507914
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.9 9.8 14.6

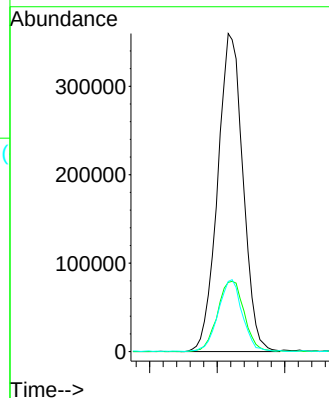
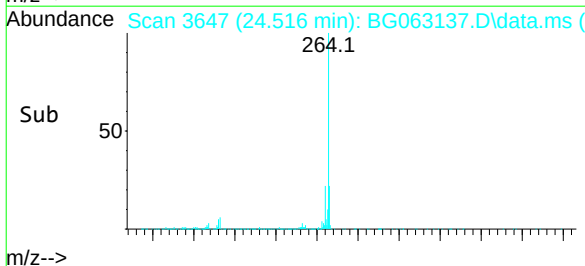
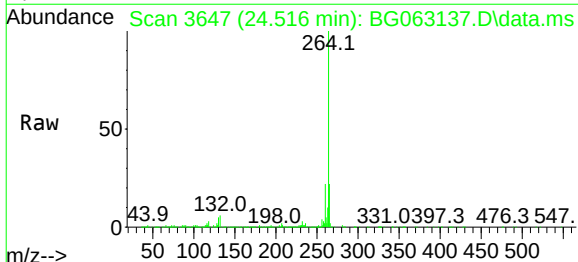
Manual Integrations
APPROVED

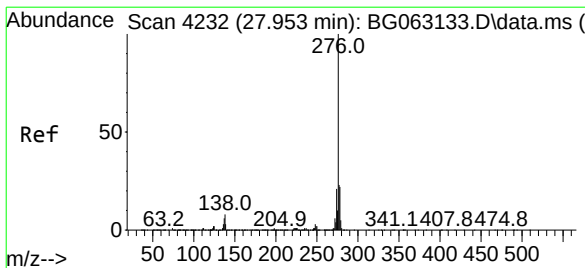
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.516 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BG063137.D
Acq: 31 Oct 2024 17:38

Tgt Ion:264 Resp: 936945
Ion Ratio Lower Upper
264 100
260 21.8 17.4 26.2
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.196 ng

RT: 27.948 min Scan# 4232

Delta R.T. -0.005 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

Tgt Ion: 276 Resp: 2464796

Ion Ratio Lower Upper

276 100

138 10.5 8.3 12.5

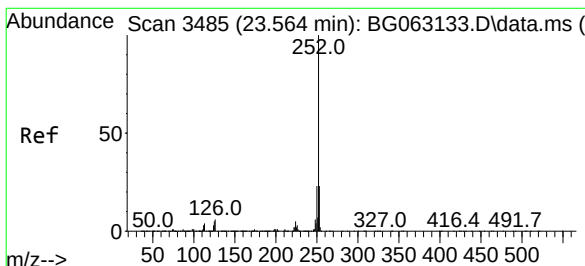
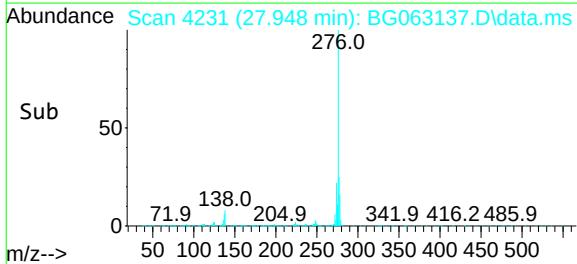
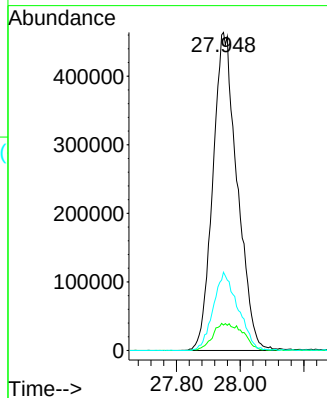
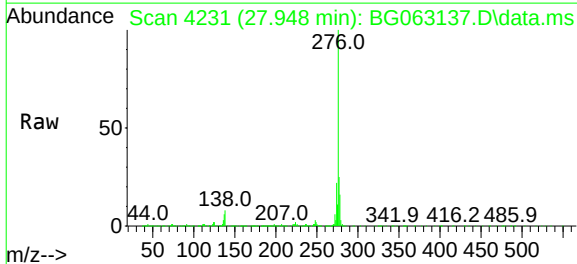
277 25.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 39.603 ng

RT: 23.564 min Scan# 3485

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

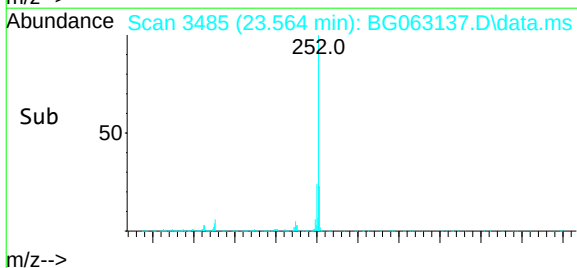
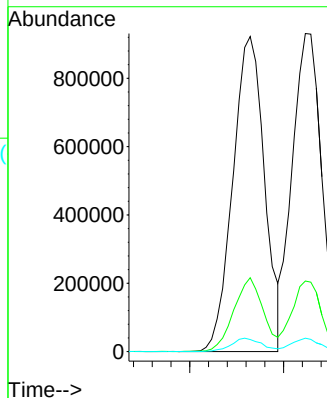
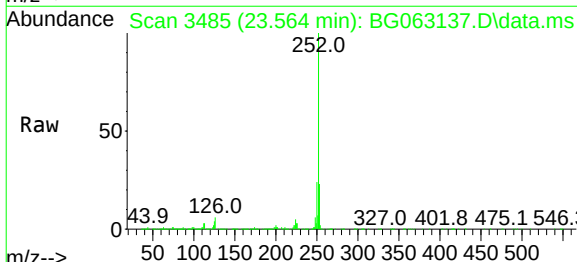
Tgt Ion: 252 Resp: 2163328

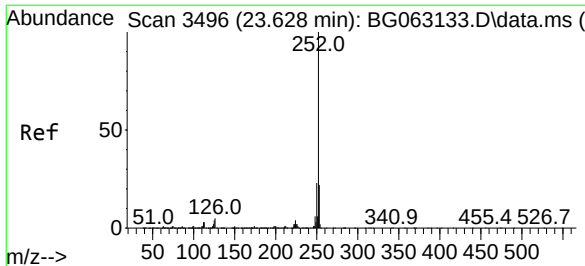
Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

125 3.8 3.6 5.4





#89

Benzo(k)fluoranthene

Concen: 39.303 ng

RT: 23.623 min Scan# 3496

Delta R.T. -0.005 min

Lab File: BG063137.D

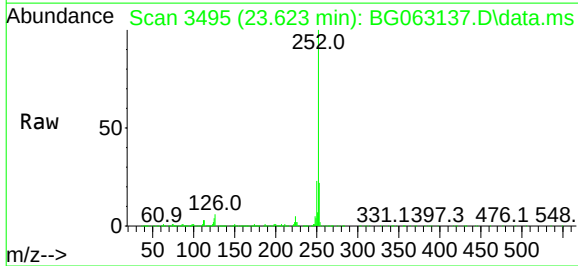
Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124



Tgt Ion:252 Resp: 2048316

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

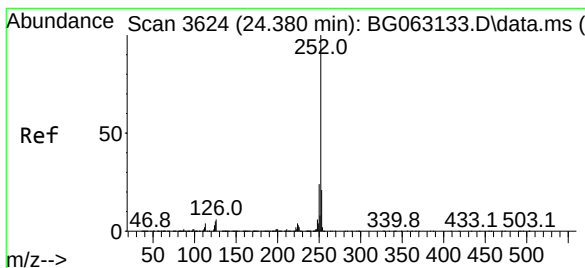
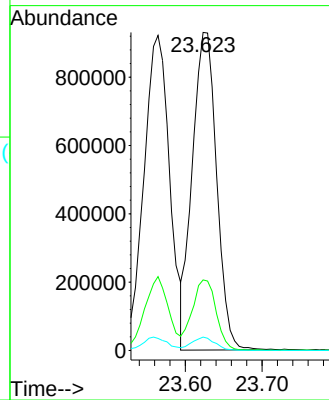
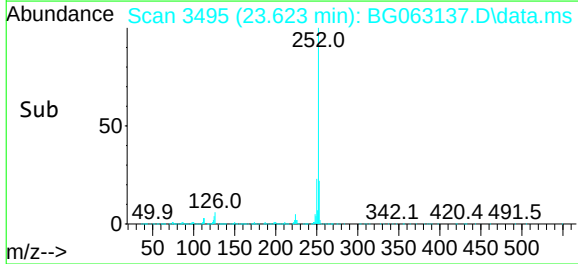
125 4.2 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 39.098 ng

RT: 24.381 min Scan# 3624

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

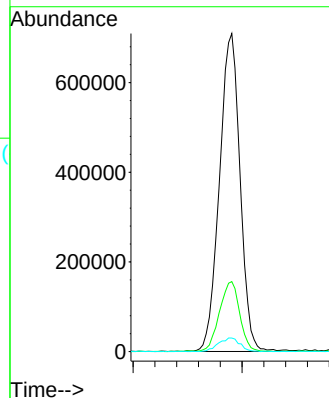
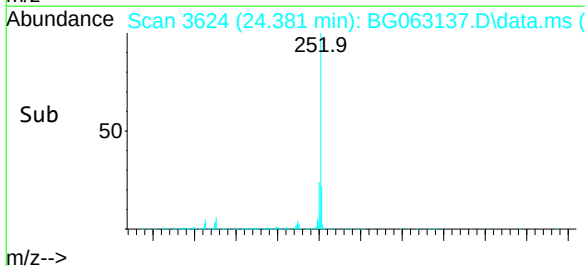
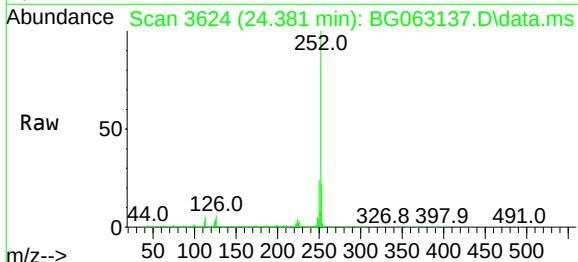
Tgt Ion:252 Resp: 1864235

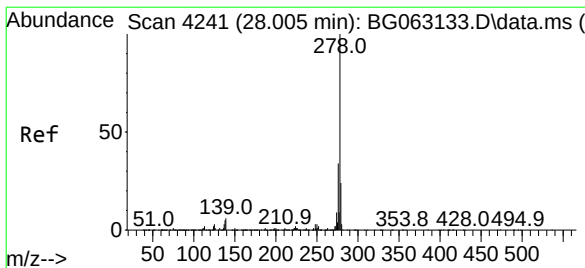
Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

125 4.3 3.7 5.5





#91

Dibenzo(a,h)anthracene

Concen: 39.186 ng

RT: 28.006 min Scan# 4241

Delta R.T. 0.001 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Instrument :

BNA_G

ClientSampleId :

ICVBG103124

Tgt Ion:278 Resp: 2056879

Ion Ratio Lower Upper

278 100

139 6.7 5.0 7.6

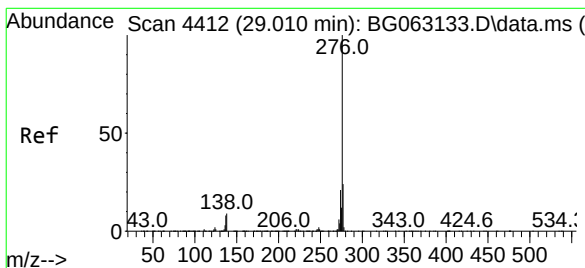
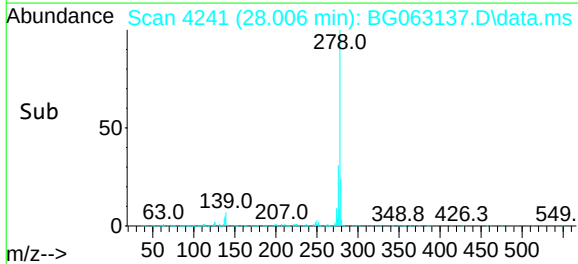
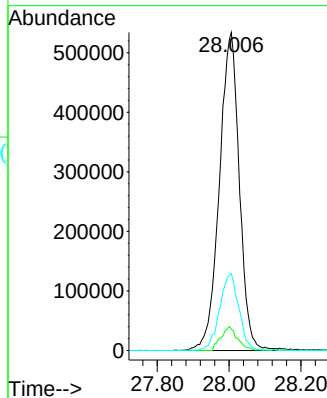
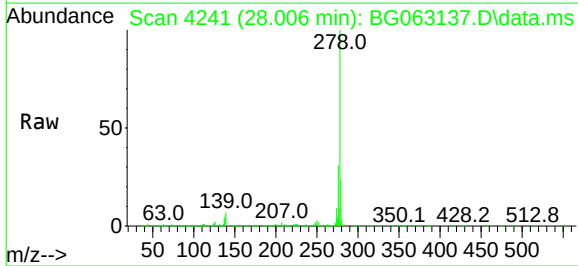
279 24.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 38.871 ng

RT: 29.017 min Scan# 4413

Delta R.T. 0.007 min

Lab File: BG063137.D

Acq: 31 Oct 2024 17:38

Tgt Ion:276 Resp: 2016778

Ion Ratio Lower Upper

276 100

277 24.8 19.3 28.9

138 8.3 7.0 10.4

