

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057873.D
 Acq On : 27 Jun 2023 19:15
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG062723

Quant Time: Jun 28 01:13:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	41373	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	181207	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	142873	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	369819	20.000	ng	0.00
76) Chrysene-d12	21.558	240	309834	20.000	ng	0.00
86) Perylene-d12	24.707	264	384714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	212295	78.508	ng	0.00
7) Phenol-d6	7.087	99	331015	81.861	ng	0.00
23) Nitrobenzene-d5	9.084	82	301607	81.570	ng	0.00
42) 2,4,6-Tribromophenol	16.047	330	193454	80.616	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	721972	77.115	ng	0.00
79) Terphenyl-d14	19.919	244	1313690	77.299	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	48534	39.158	ng	92
3) Pyridine	3.791	79	146613	40.991	ng	98
4) n-Nitrosodimethylamine	3.708	42	58392	39.608	ng	# 96
6) Aniline	7.251	93	205136	40.609	ng	98
8) 2-Chlorophenol	7.486	128	108968	40.142	ng	97
9) Benzaldehyde	7.057	77	88955	44.071	ng	94
10) Phenol	7.110	94	159980	40.714	ng	98
11) bis(2-Chloroethyl)ether	7.345	93	119929	40.483	ng	98
12) 1,3-Dichlorobenzene	7.809	146	109487	39.212	ng	97
13) 1,4-Dichlorobenzene	7.956	146	110521	39.407	ng	97
14) 1,2-Dichlorobenzene	8.280	146	108485	39.970	ng	98
15) Benzyl Alcohol	8.156	79	125225	42.033	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.450	45	194751	39.480	ng	99
17) 2-Methylphenol	8.362	107	118585	40.708	ng	98
18) Hexachloroethane	9.008	117	38938	39.843	ng	96
19) n-Nitroso-di-n-propyla...	8.726	70	111833	41.332	ng	98
20) 3+4-Methylphenols	8.691	107	171108	42.159	ng	100
22) Acetophenone	8.744	105	204466	40.543	ng	# 98
24) Nitrobenzene	9.126	77	153333	41.315	ng	98
25) Isophorone	9.648	82	334639	41.917	ng	99
26) 2-Nitrophenol	9.836	139	65636	43.401	ng	100
27) 2,4-Dimethylphenol	9.895	122	119828	41.096	ng	98
28) bis(2-Chloroethoxy)met...	10.130	93	175227	40.844	ng	99
29) 2,4-Dichlorophenol	10.371	162	118711	41.514	ng	96
30) 1,2,4-Trichlorobenzene	10.589	180	122965	39.943	ng	97
31) Naphthalene	10.777	128	391834	40.509	ng	100
32) Benzoic acid	10.030	122	101638m	44.567	ng	
33) 4-Chloroaniline	10.882	127	193057	42.421	ng	99
34) Hexachlorobutadiene	11.059	225	75110	39.558	ng	96
35) Caprolactam	11.664	113	54142	43.689	ng	93
36) 4-Chloro-3-methylphenol	12.005	107	160344	42.236	ng	99
37) 2-Methylnaphthalene	12.386	142	297087	41.665	ng	98
38) 1-Methylnaphthalene	12.604	142	279024	41.413	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	156476	39.147	ng	100
41) Hexachlorocyclopentadiene	12.727	237	86346	40.183	ng	95
43) 2,4,6-Trichlorophenol	12.986	196	119274	40.481	ng	98

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Manual Integrations

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.062	196	141930	40.472	ng	97
46) 1,1'-Biphenyl	13.391	154	377306	38.772	ng	99
47) 2-Chloronaphthalene	13.438	162	292793	39.178	ng	99
48) 2-Nitroaniline	13.638	65	123684	41.535	ng	93
49) Acenaphthylene	14.284	152	512558	39.107	ng	99
50) Dimethylphthalate	14.014	163	447602	39.527	ng	100
51) 2,6-Dinitrotoluene	14.131	165	98465	41.879	ng	98
52) Acenaphthene	14.625	154	304957	39.830	ng	99
53) 3-Nitroaniline	14.460	138	109129	40.828	ng	97
54) 2,4-Dinitrophenol	14.666	184	55642	42.836	ng	97
55) Dibenzofuran	14.954	168	514484	39.176	ng	97
56) 4-Nitrophenol	14.766	139	90637	41.360	ng	99
57) 2,4-Dinitrotoluene	14.919	165	142567	41.788	ng	99
58) Fluorene	15.606	166	414593	39.114	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.177	232	128992	40.576	ng	99
60) Diethylphthalate	15.377	149	468257	39.229	ng	99
61) 4-Chlorophenyl-phenyle...	15.594	204	224560	39.498	ng	97
62) 4-Nitroaniline	15.630	138	110987	39.585	ng	97
63) Azobenzene	15.888	77	455129	39.872	ng	99
65) 4,6-Dinitro-2-methylph...	15.683	198	85829	43.128	ng	98
66) n-Nitrosodiphenylamine	15.812	169	378024	40.054	ng	98
67) 4-Bromophenyl-phenylether	16.493	248	158449	40.588	ng	98
68) Hexachlorobenzene	16.605	284	165030	40.033	ng	97
69) Atrazine	16.758	200	132668	37.851	ng	98
70) Pentachlorophenol	16.952	266	129942	41.218	ng	99
71) Phenanthrene	17.345	178	695394	39.171	ng	100
72) Anthracene	17.439	178	714135	39.004	ng	99
73) Carbazole	17.704	167	668460	38.398	ng	100
74) Di-n-butylphthalate	18.268	149	831048	38.624	ng	100
75) Fluoranthene	19.355	202	851324	38.066	ng	99
77) Benzidine	19.537	184	283239	38.965	ng	99
78) Pyrene	19.719	202	870069	39.328	ng	100
80) Butylbenzylphthalate	20.606	149	357901	39.895	ng	98
81) Benzo(a)anthracene	21.540	228	845720	39.443	ng	100
82) 3,3'-Dichlorobenzidine	21.458	252	298951	39.184	ng	99
83) Chrysene	21.605	228	806338	39.730	ng	99
84) Bis(2-ethylhexyl)phtha...	21.446	149	499024	39.179	ng	98
85) Di-n-octyl phthalate	22.633	149	901817	40.123	ng	98
87) Indeno(1,2,3-cd)pyrene	28.297	276	1027062	40.300	ng	# 94
88) Benzo(b)fluoranthene	23.708	252	831545	39.630	ng	100
89) Benzo(k)fluoranthene	23.779	252	864821	40.780	ng	99
90) Benzo(a)pyrene	24.560	252	829138	39.890	ng	100
91) Dibenzo(a,h)anthracene	28.356	278	853920	40.392	ng	100
92) Benzo(g,h,i)perylene	29.425	276	846907	40.309	ng	99

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

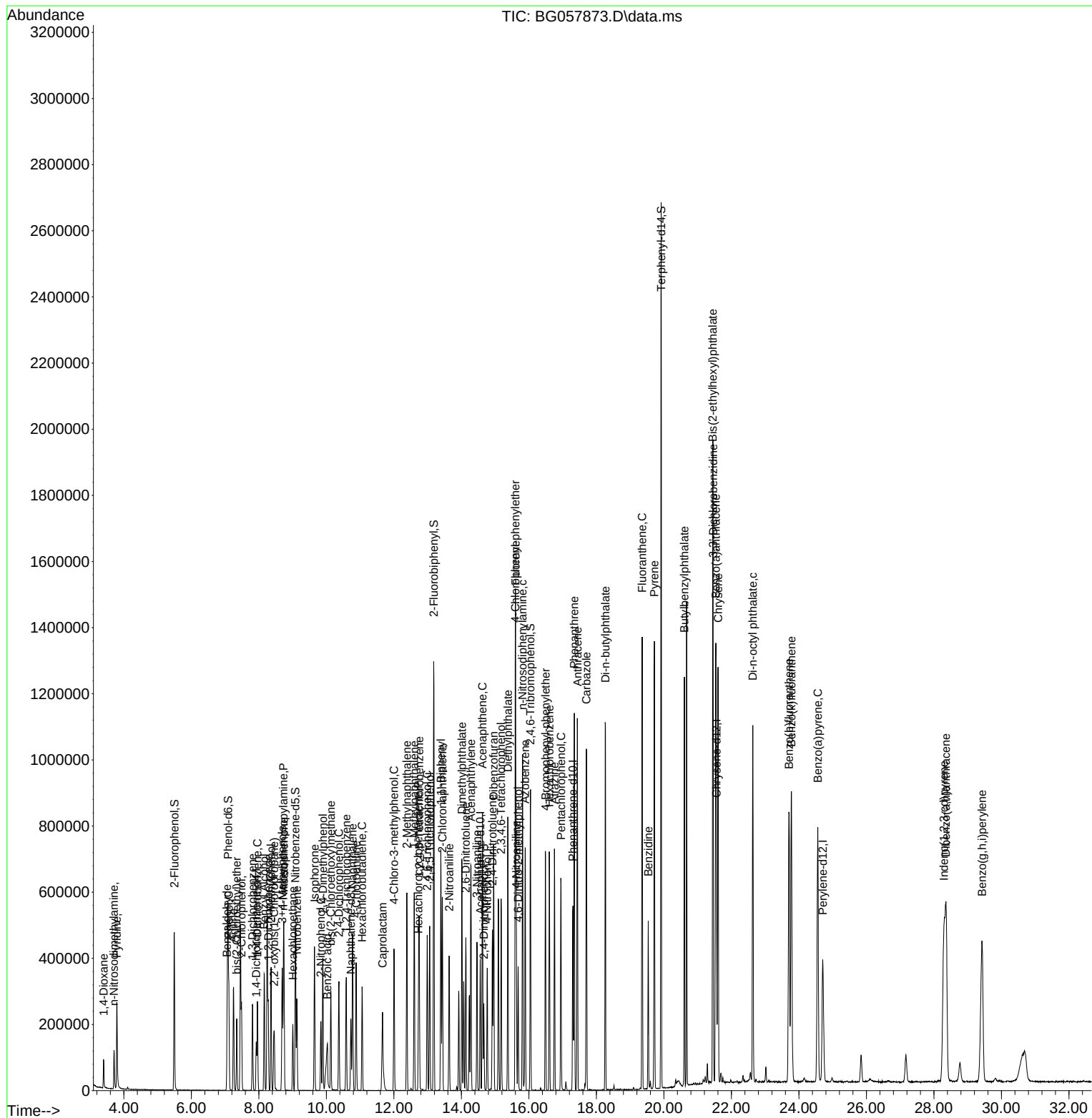
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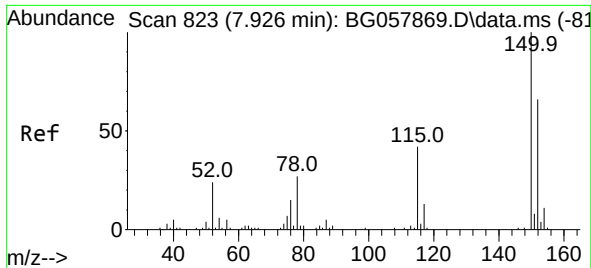
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Manual Integrations APPROVED

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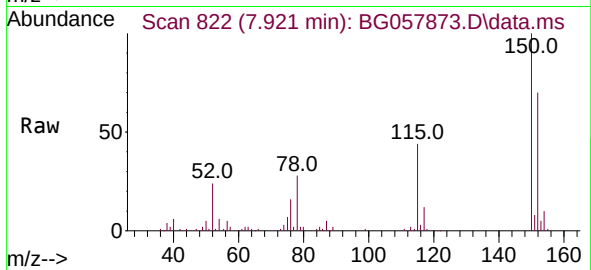
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

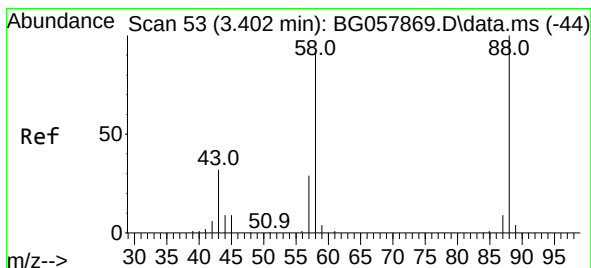
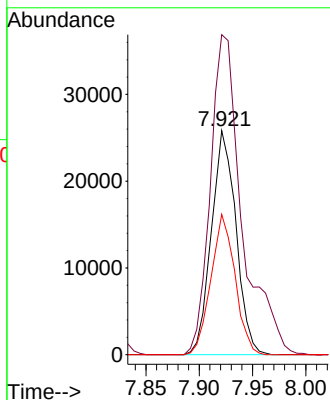
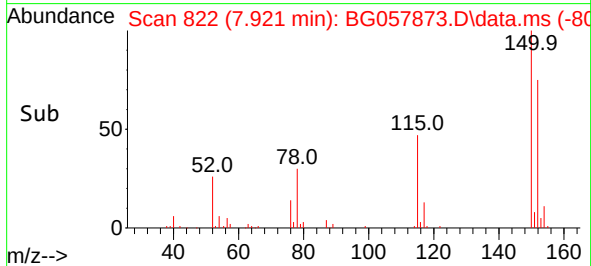
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:152 Resp: 4137
Ion Ratio Lower Upper
152 100
150 142.8 122.0 183.0
115 62.6 50.7 76.1

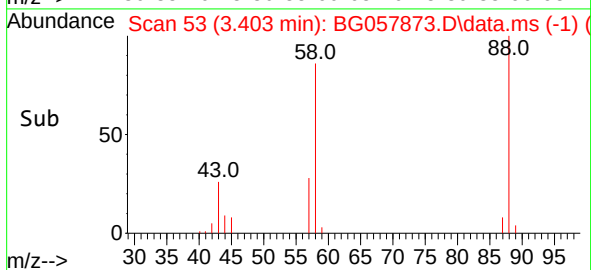
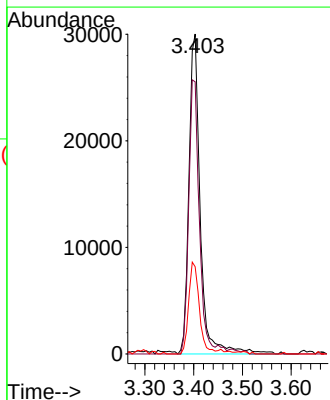
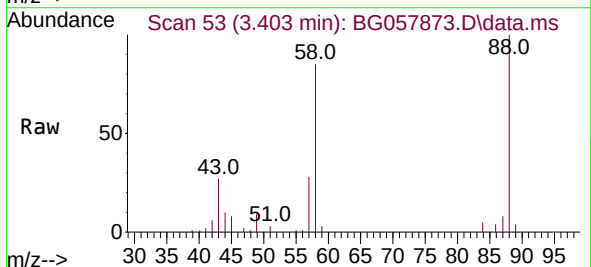
Manual Integrations
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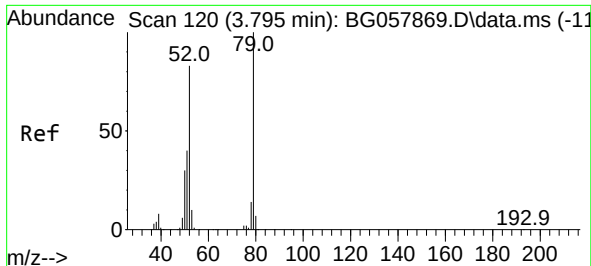
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#2
1,4-Dioxane
Concen: 39.158 ng
RT: 3.403 min Scan# 53
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

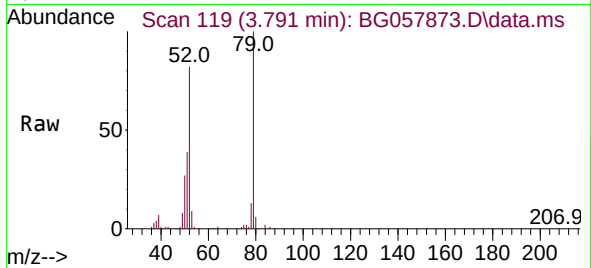
Tgt Ion: 88 Resp: 48534
Ion Ratio Lower Upper
88 100
58 78.9 70.7 106.1
43 27.1 22.9 34.3





#3
Pyridine
Concen: 40.991 ng
RT: 3.791 min Scan# 119
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

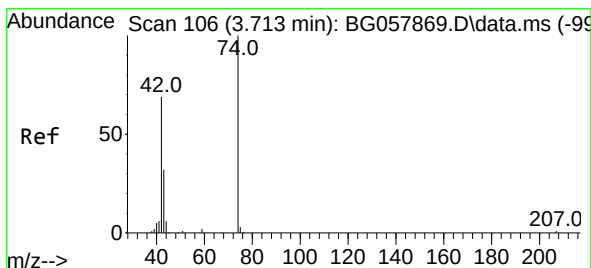
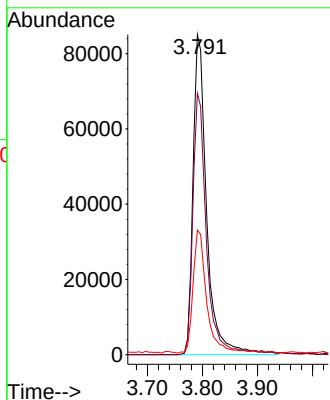
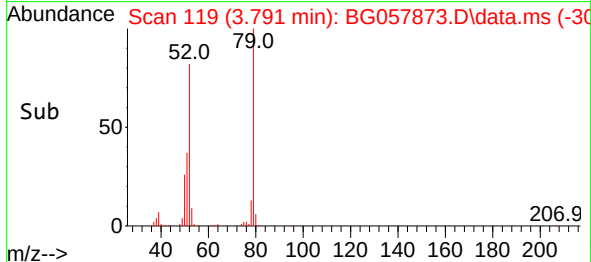
Instrument :
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ClientSampleId :
ICVBG062723



Tgt Ion: 79 Resp: 14661
Ion Ratio Lower Upper
79 100
52 81.7 66.6 99.8
51 38.9 32.2 48.2

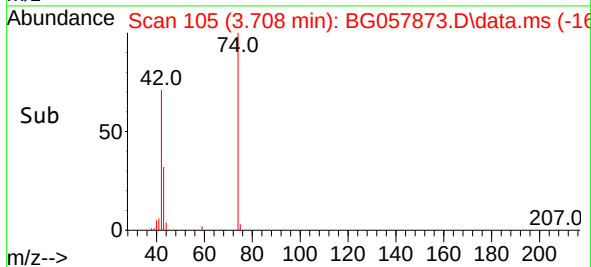
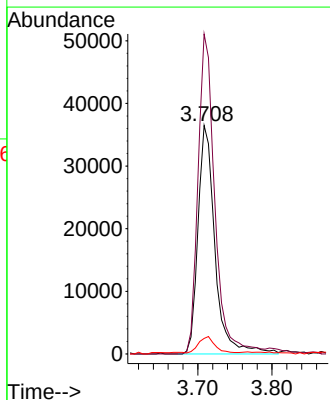
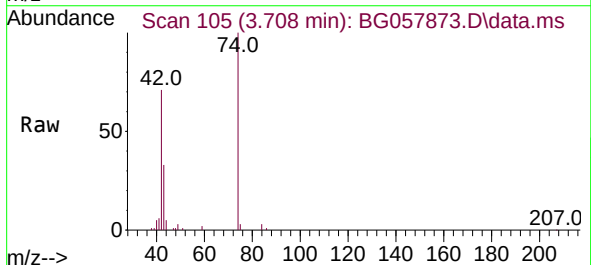
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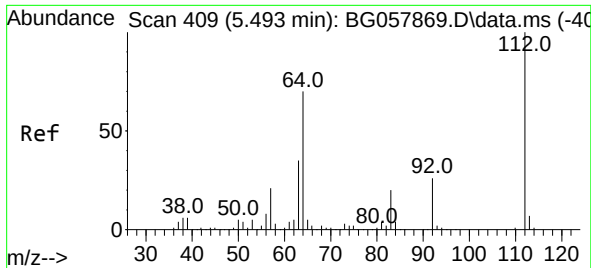
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#4
n-Nitrosodimethylamine
Concen: 39.608 ng
RT: 3.708 min Scan# 105
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion: 42 Resp: 58392
Ion Ratio Lower Upper
42 100
74 140.1 116.2 174.2
44 6.8 7.3 10.9#





#5
2-Fluorophenol
Concen: 78.508 ng
RT: 5.495 min Scan# 409
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

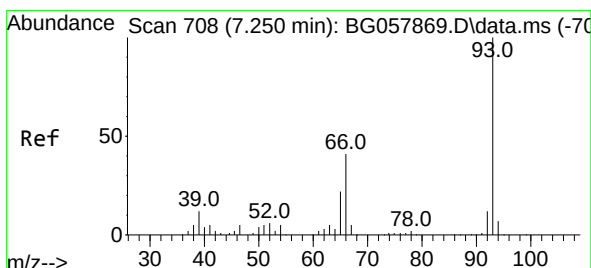
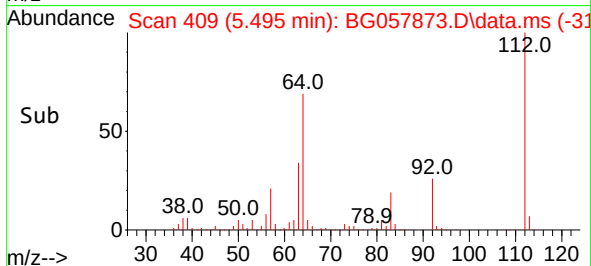
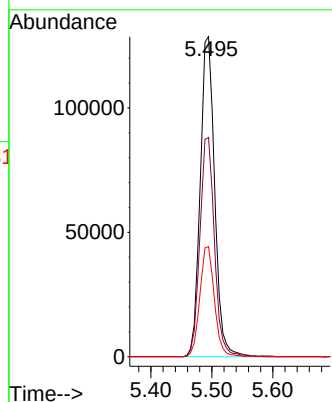
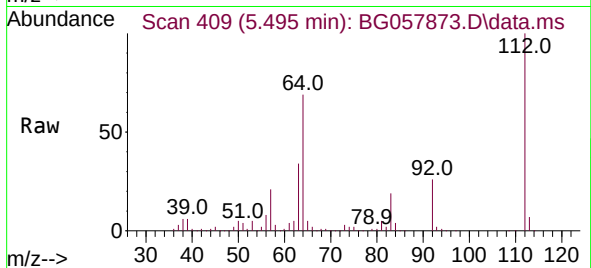
ICVBG062723

Tgt Ion:112 Resp: 21229
Ion Ratio Lower Upper
112 100
64 68.5 55.8 83.6
63 34.4 27.9 41.9

Manual Integrations

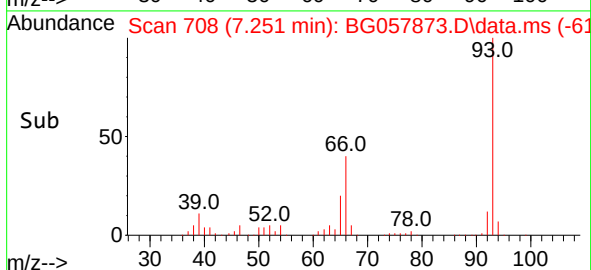
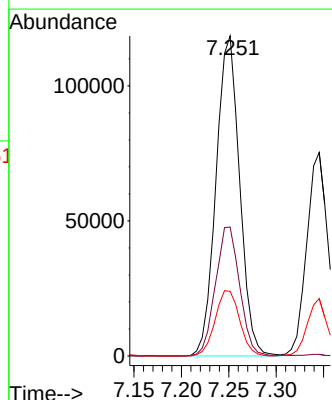
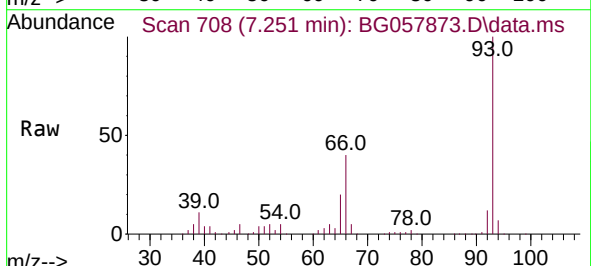
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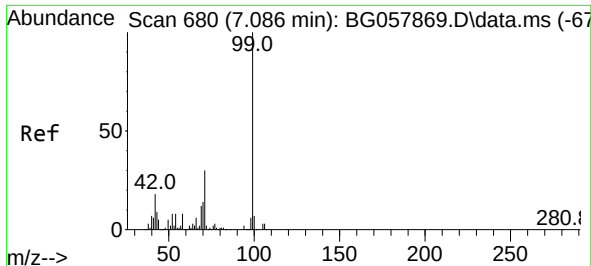
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 40.609 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG057873.D
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Tgt Ion: 93 Resp: 205136
Ion Ratio Lower Upper
93 100
66 40.3 32.8 49.2
65 20.2 17.7 26.5





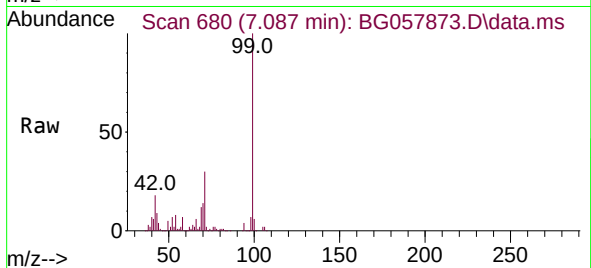
#7
Phenol-d6
Concen: 81.861 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.001 min
Lab File: BG057873.D
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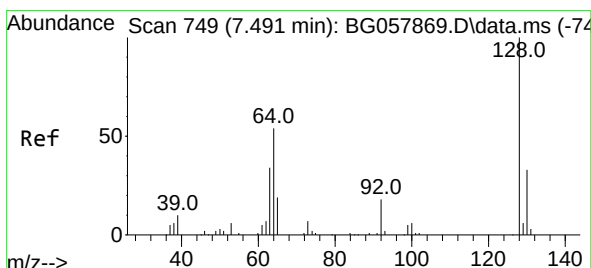
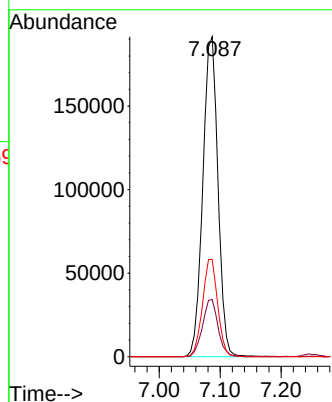
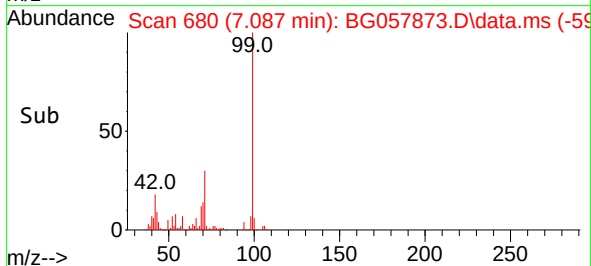
Tgt Ion: 99 Resp: 331015
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 30.4 23.9 35.9

Manual Integrations

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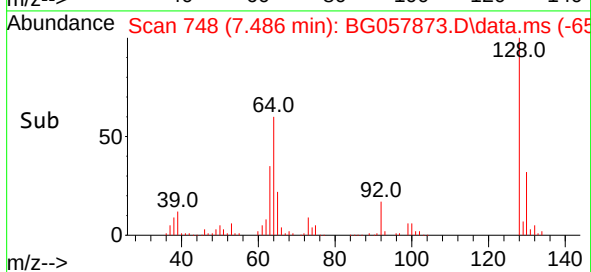
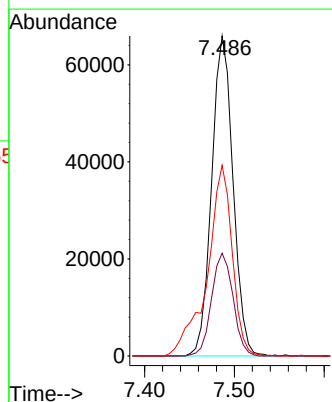
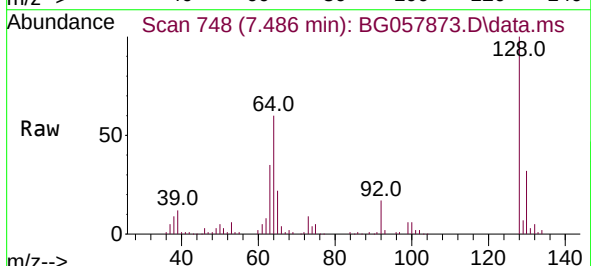
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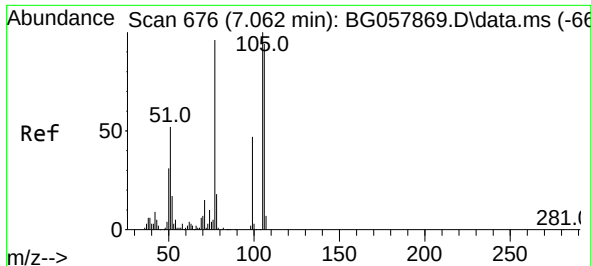
Supervised By :mohammad ahmed 06/29/2023



#8
2-Chlorophenol
Concen: 40.142 ng
RT: 7.486 min Scan# 748
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:128 Resp: 108968
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 59.6 37.1 77.1





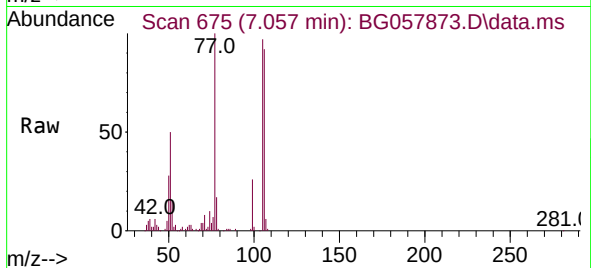
#9
Benzaldehyde
Concen: 44.071 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057873.D
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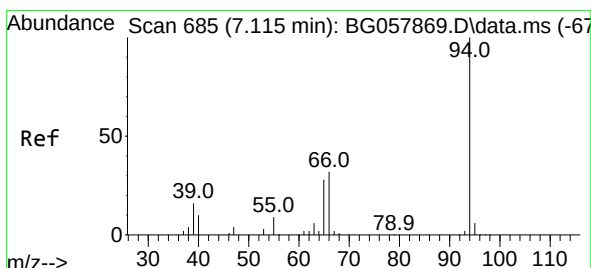
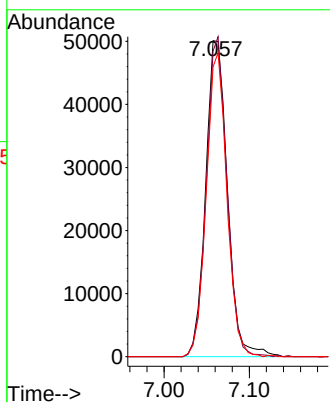
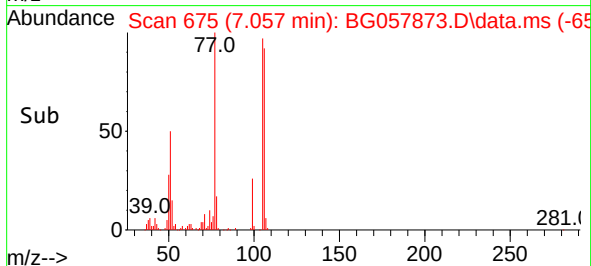


Tgt Ion: 77 Resp: 8895
Ion Ratio Lower Upper
77 100
105 96.7 83.7 123.7
106 91.7 77.4 117.4

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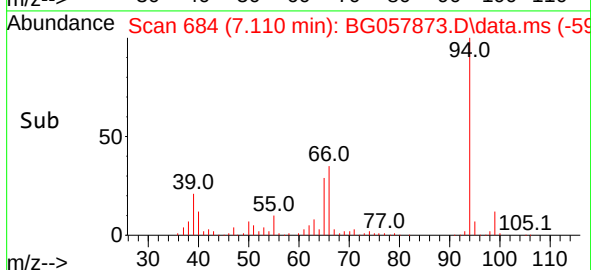
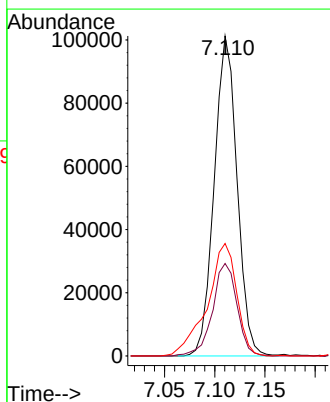
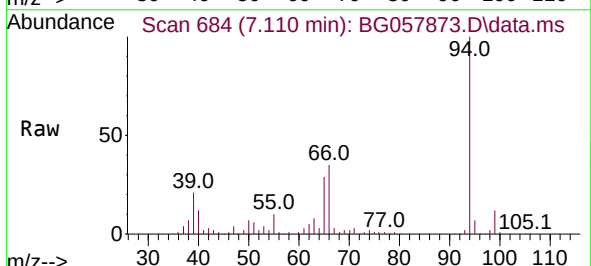
APPROVED

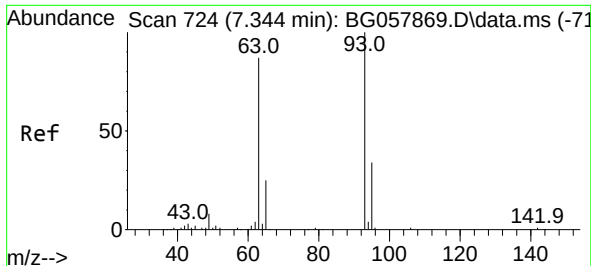
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#10
Phenol
Concen: 40.714 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

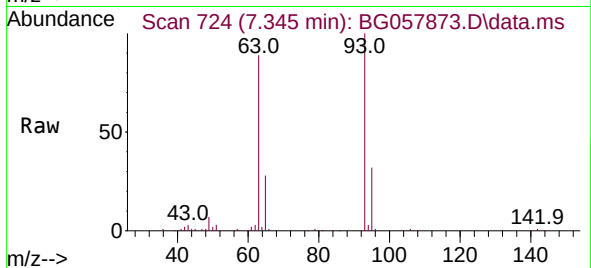
Tgt Ion: 94 Resp: 159980
Ion Ratio Lower Upper
94 100
65 28.9 7.8 47.8
66 35.2 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 40.483 ng
RT: 7.345 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

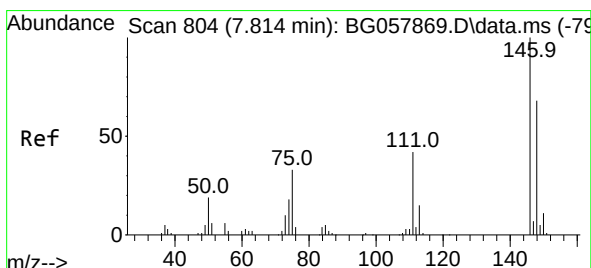
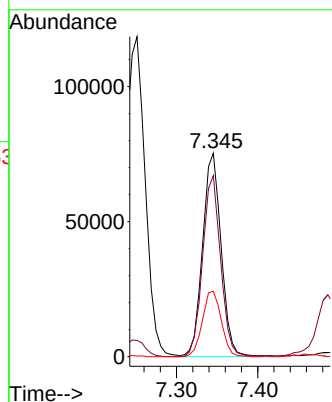
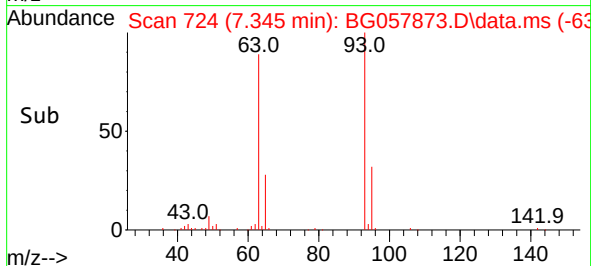
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



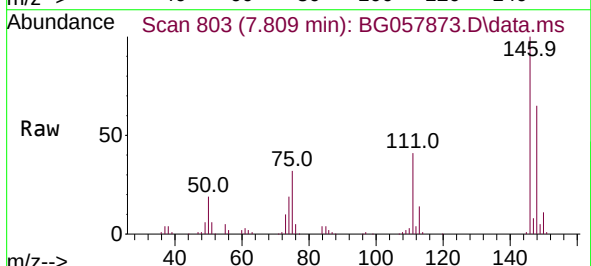
Tgt Ion: 93 Resp: 119929
Ion Ratio Lower Upper
93 100
63 88.9 66.9 106.9
95 32.1 13.6 53.6

Manual Integrations
APPROVED

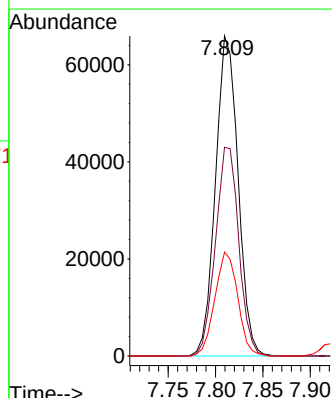
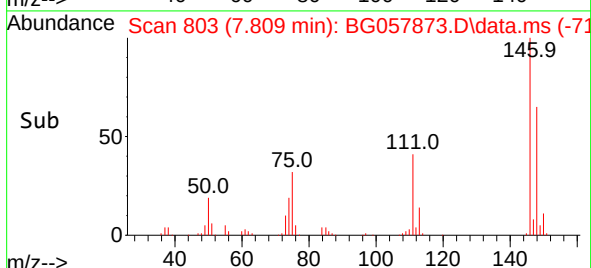
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

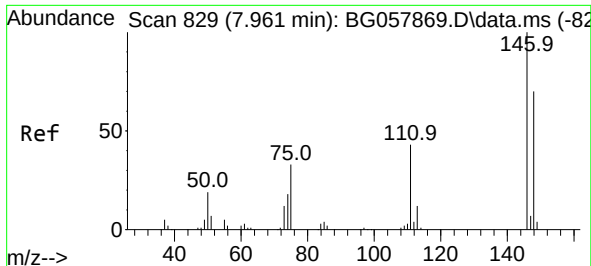


#12
1,3-Dichlorobenzene
Concen: 39.212 ng
RT: 7.809 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:146 Resp: 109487
Ion Ratio Lower Upper
146 100
148 65.2 54.5 81.7
75 32.5 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 39.407 ng

RT: 7.956 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

Tgt Ion:146 Resp: 11052

Ion Ratio Lower Upper

146 100

148 67.1 55.7 83.5

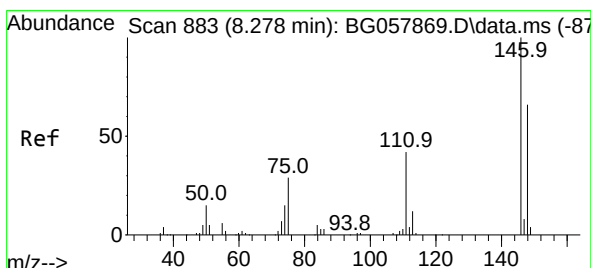
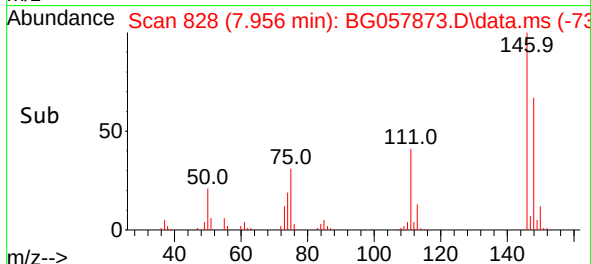
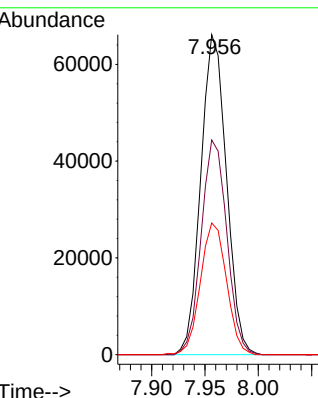
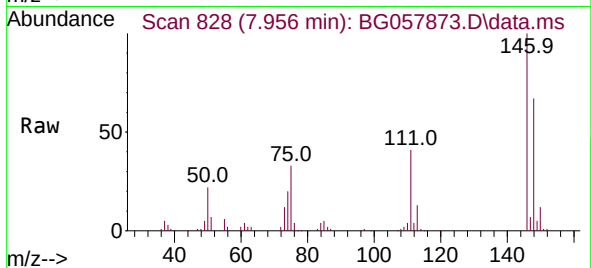
111 41.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#14

1,2-Dichlorobenzene

Concen: 39.970 ng

RT: 8.280 min Scan# 883

Delta R.T. 0.001 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

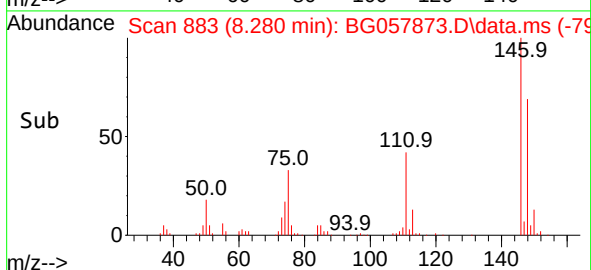
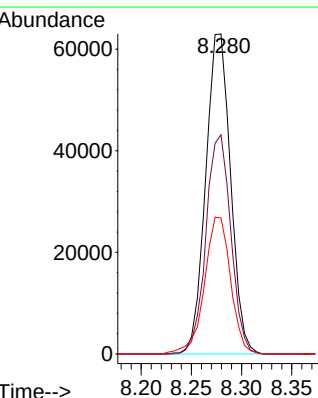
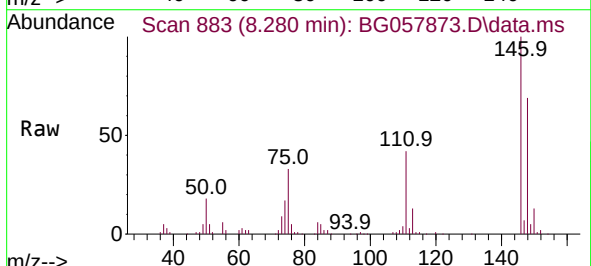
Tgt Ion:146 Resp: 108485

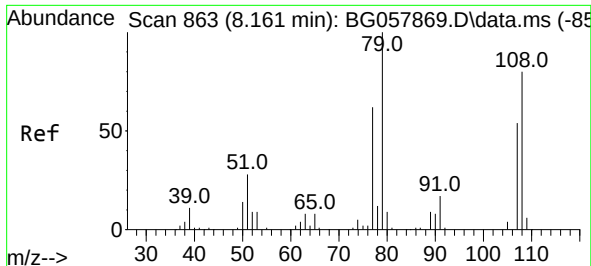
Ion Ratio Lower Upper

146 100

148 68.5 53.0 79.6

111 42.5 34.3 51.5





#15
Benzyl Alcohol
Concen: 42.033 ng
RT: 8.156 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

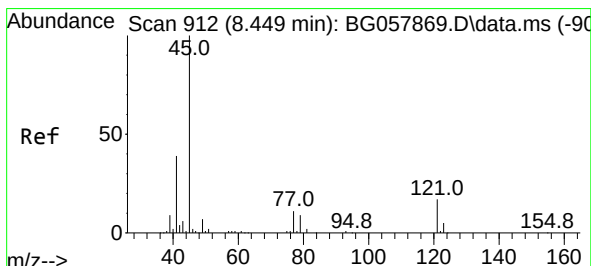
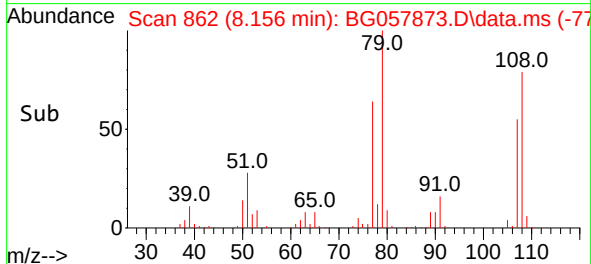
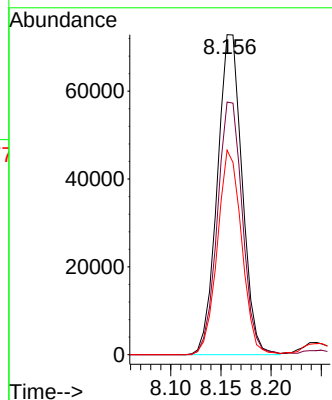
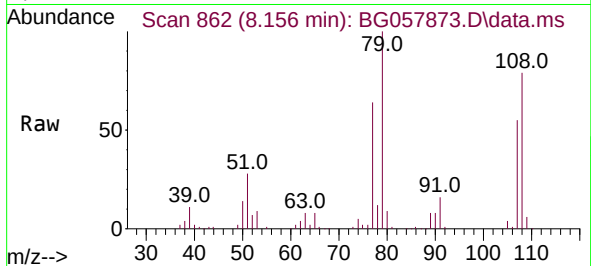
ClientSampleId :

ICVBG062723

Tgt Ion: 79 Resp: 125225
Ion Ratio Lower Upper
79 100
108 78.9 64.0 96.0
77 63.9 49.6 74.4

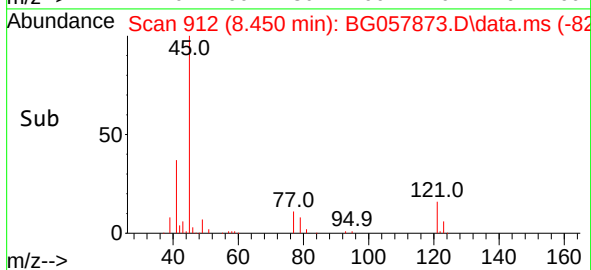
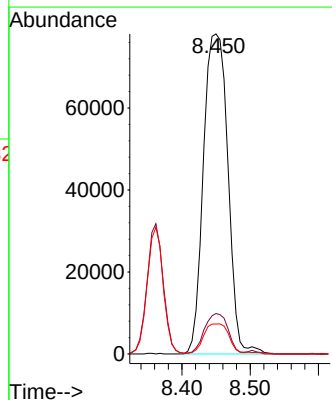
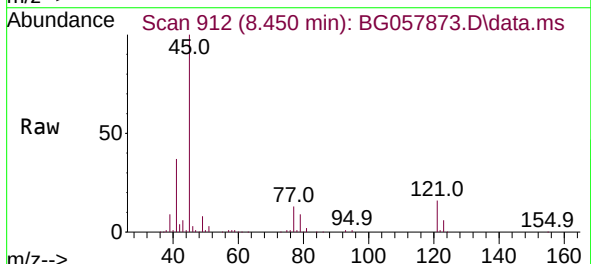
Manual Integrations
APPROVED

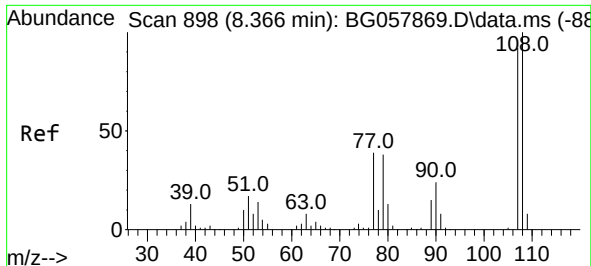
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.480 ng
RT: 8.450 min Scan# 912
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion: 45 Resp: 194751
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.1
79 9.3 0.0 29.8





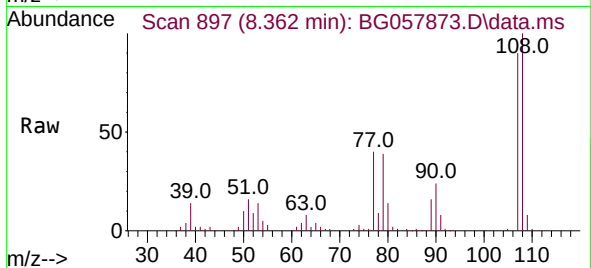
#17
2-Methylphenol
Concen: 40.708 ng
RT: 8.362 min Scan# 898
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

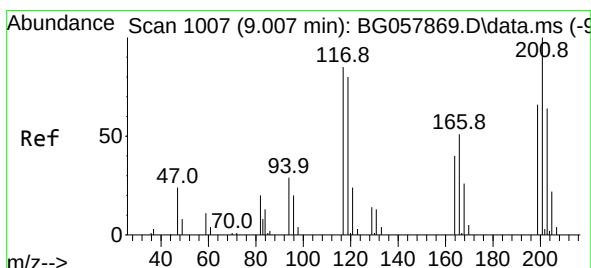
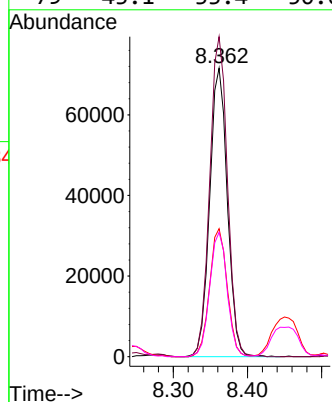


Tgt Ion:107 Resp: 11858
Ion Ratio Lower Upper
107 100
108 110.9 87.2 130.8
77 44.3 34.2 51.4
79 43.1 33.4 50.0

Manual Integrations

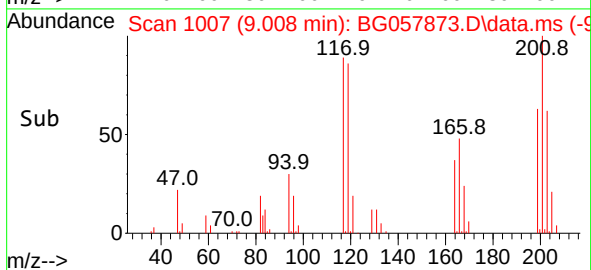
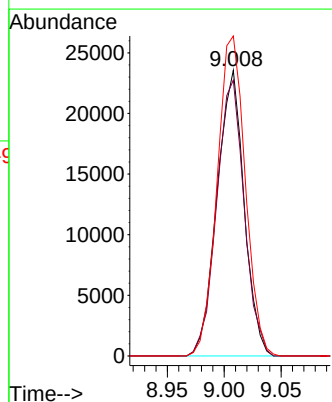
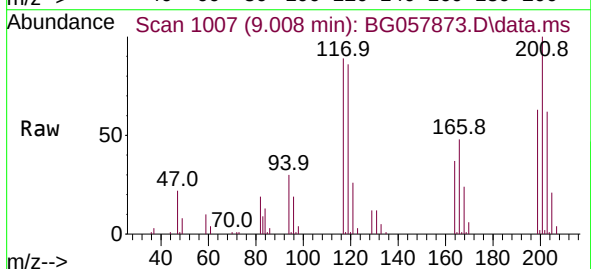
APPROVED

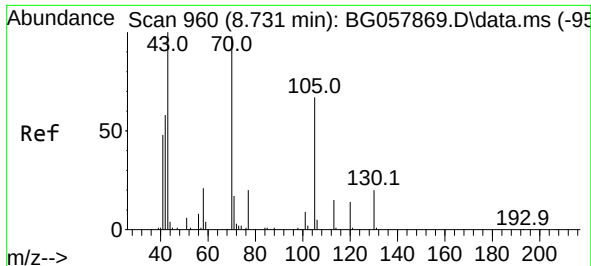
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#18
Hexachloroethane
Concen: 39.843 ng
RT: 9.008 min Scan# 1007
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:117 Resp: 38938
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
201 112.1 93.9 140.9





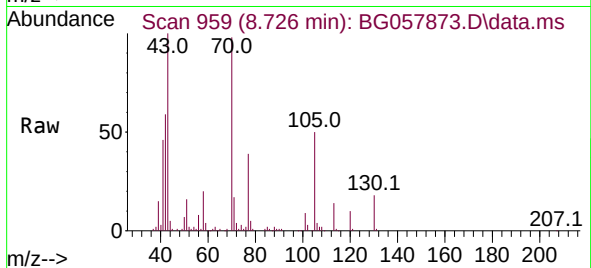
#19
n-Nitroso-di-n-propylamine
Concen: 41.332 ng
RT: 8.726 min Scan# 919
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

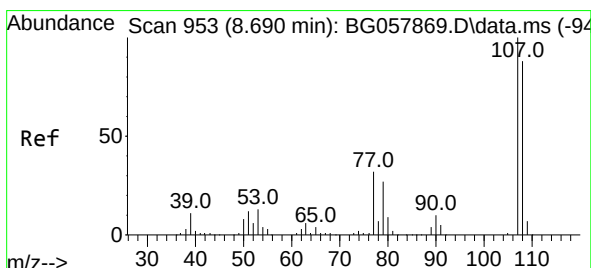
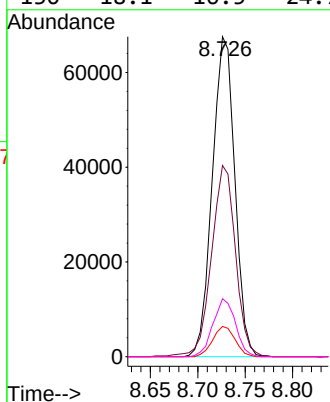
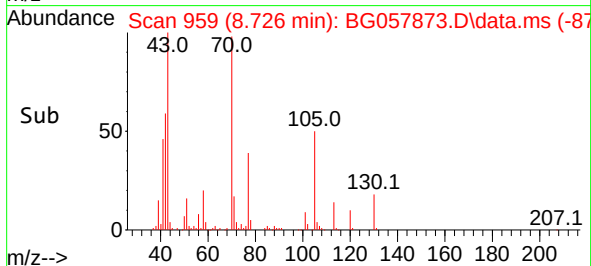
ICVBG062723



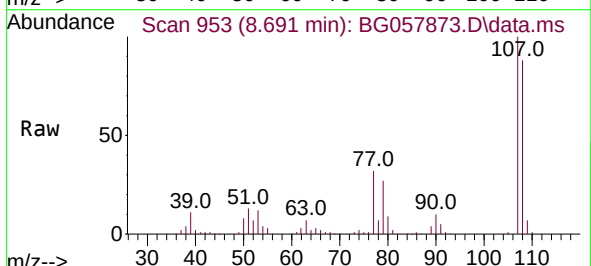
Tgt Ion: 70 Resp: 11183
Ion Ratio Lower Upper
70 100
42 59.8 48.4 72.6
101 9.4 7.2 10.8
130 18.1 16.5 24.7

Manual Integrations
APPROVED

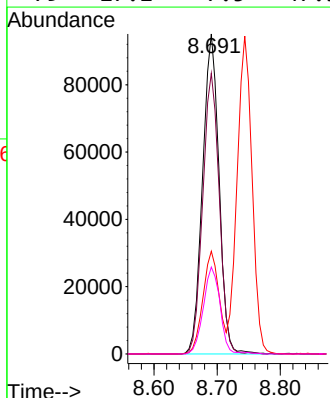
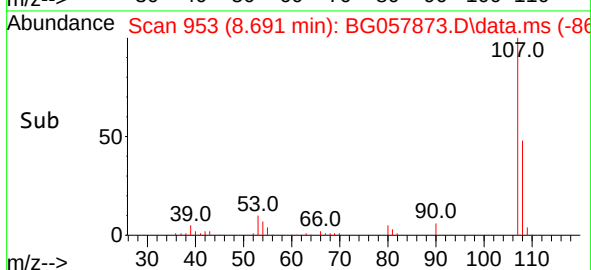
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

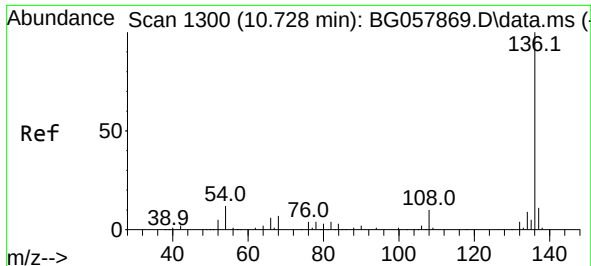


#20
3+4-Methylphenols
Concen: 42.159 ng
RT: 8.691 min Scan# 953
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:107 Resp: 171108
Ion Ratio Lower Upper
107 100
108 87.7 67.7 107.7
77 32.1 11.8 51.8
79 27.2 7.5 47.5





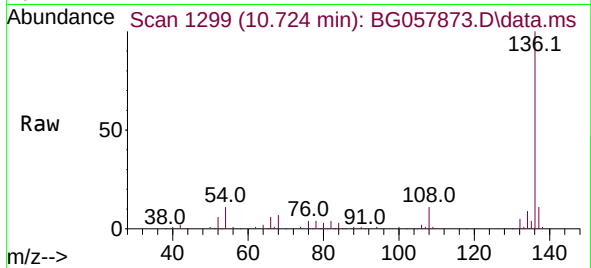
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723



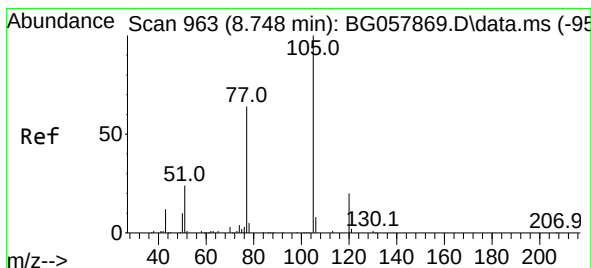
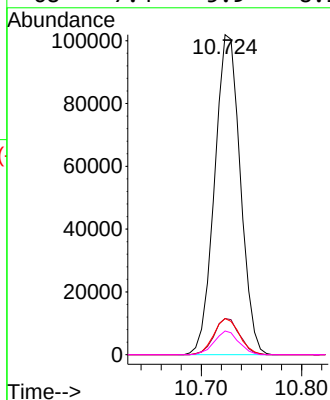
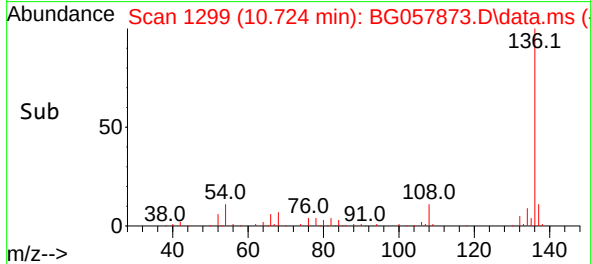
Tgt Ion:136 Resp: 181207
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 11.3 9.3 13.9
68 7.4 5.9 8.9

Manual Integrations

APPROVED

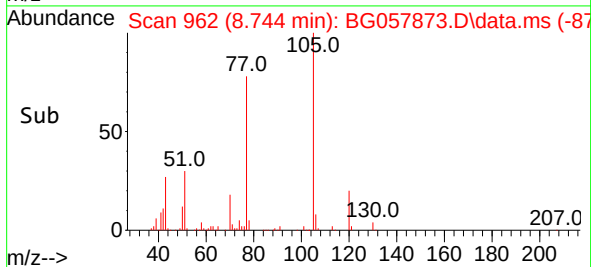
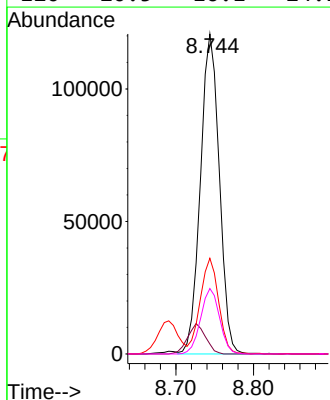
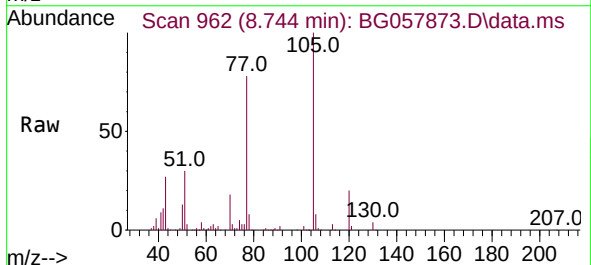
Reviewed By :Yogesh Patel 06/29/2023

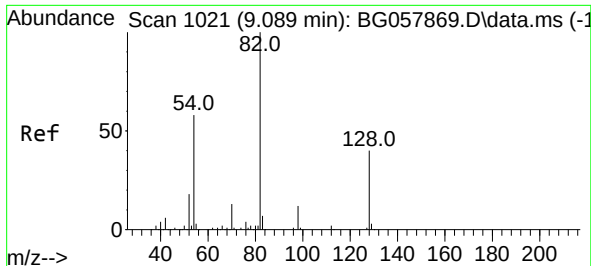
Supervised By :mohammad ahmed 06/29/2023



#22
Acetophenone
Concen: 40.543 ng
RT: 8.744 min Scan# 962
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:105 Resp: 204466
Ion Ratio Lower Upper
105 100
71 3.1 1.1 1.7#
51 29.9 23.0 34.6
120 20.5 16.1 24.1





#23
Nitrobenzene-d5
Concen: 81.570 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

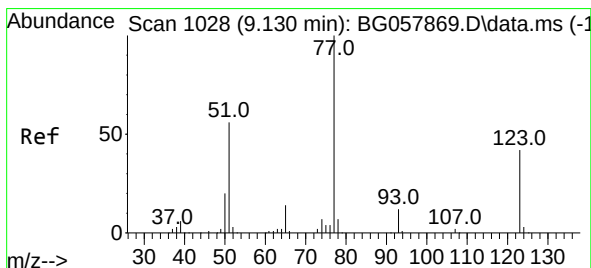
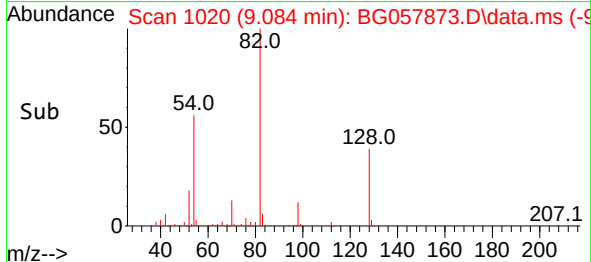
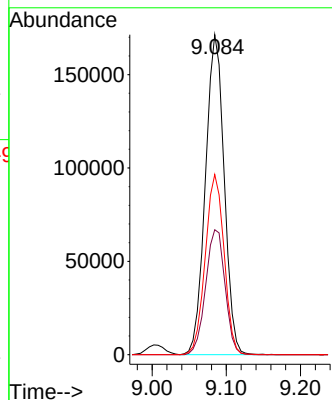
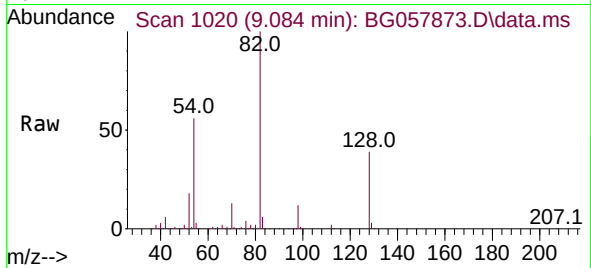
ClientSampleId :

ICVBG062723

Tgt Ion: 82 Resp: 30160
Ion Ratio Lower Upper
82 100
128 39.0 32.2 48.4
54 56.3 46.1 69.1

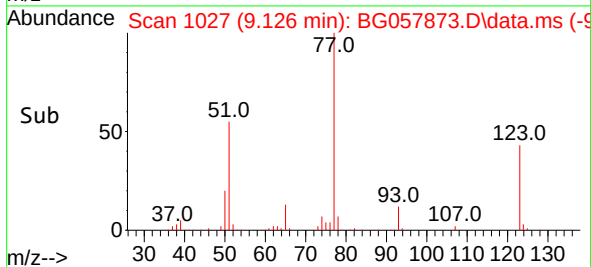
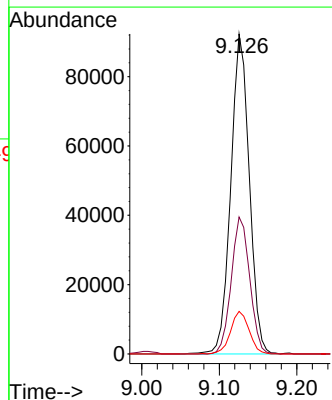
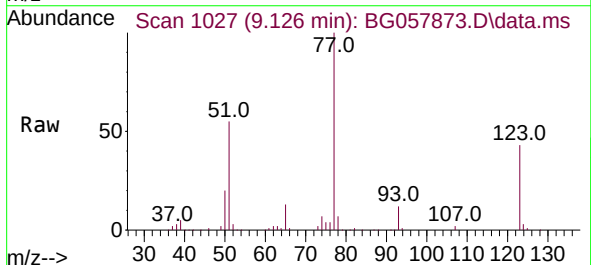
Manual Integrations
APPROVED

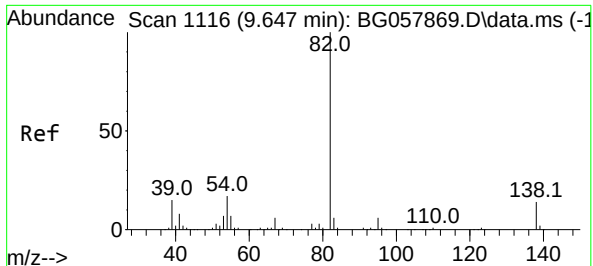
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#24
Nitrobenzene
Concen: 41.315 ng
RT: 9.126 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion: 77 Resp: 153333
Ion Ratio Lower Upper
77 100
123 42.8 33.6 50.4
65 13.3 11.4 17.0





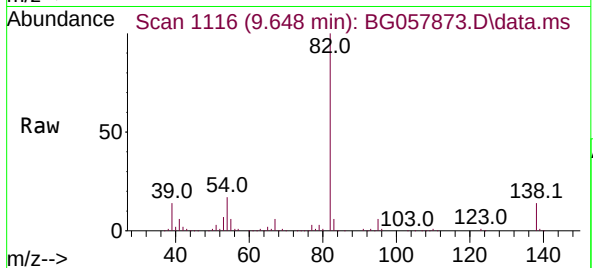
#25
Isophorone
Concen: 41.917 ng
RT: 9.648 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

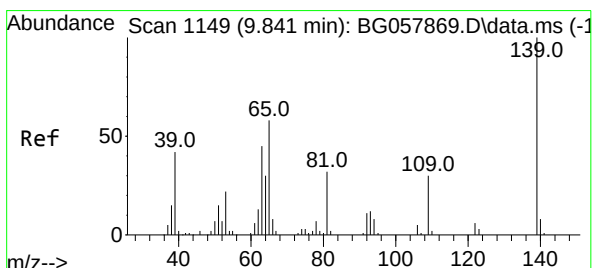
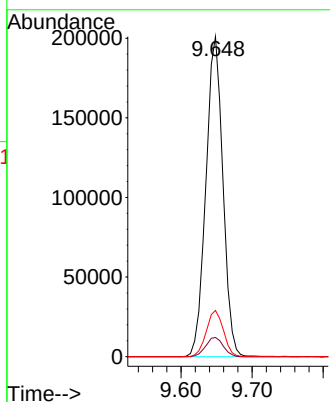
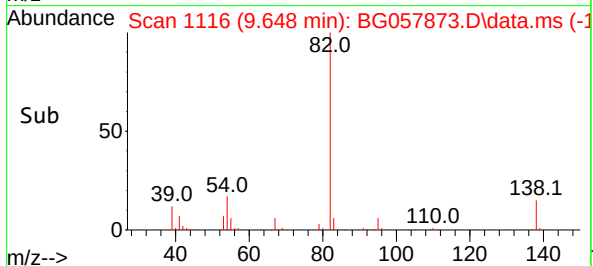


Tgt Ion: 82 Resp: 334639
Ion Ratio Lower Upper
82 100
95 6.0 5.0 7.6
138 14.4 11.3 16.9

Manual Integrations

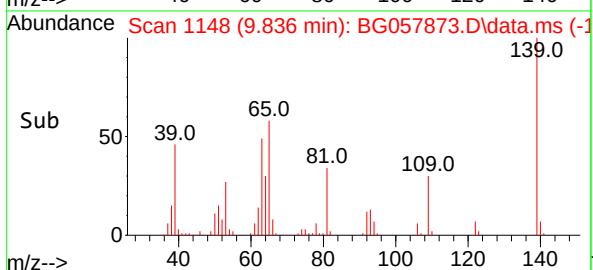
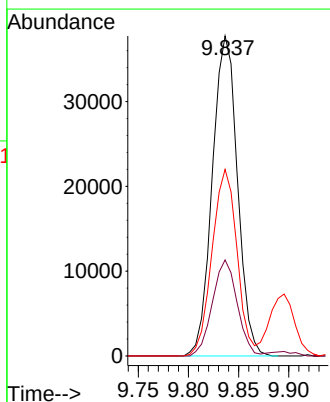
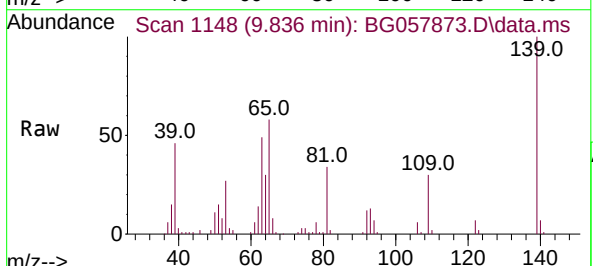
APPROVED

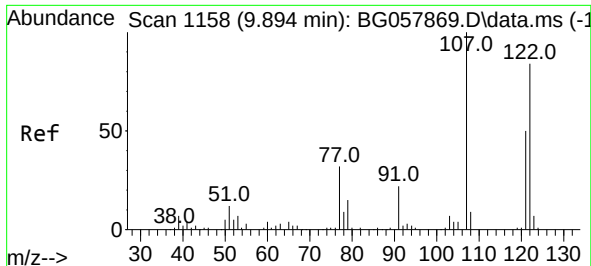
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#26
2-Nitrophenol
Concen: 43.401 ng
RT: 9.836 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:139 Resp: 65636
Ion Ratio Lower Upper
139 100
109 30.0 23.7 35.5
65 58.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 41.096 ng

RT: 9.895 min Scan# 1158

Delta R.T. 0.001 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

Tgt Ion:122 Resp: 119828

Ion Ratio Lower Upper

122 100

107 121.5 94.9 142.3

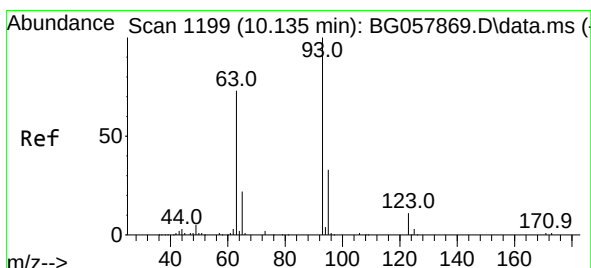
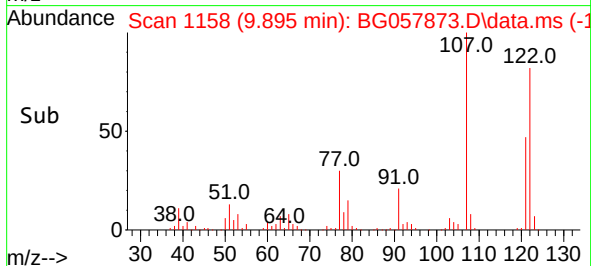
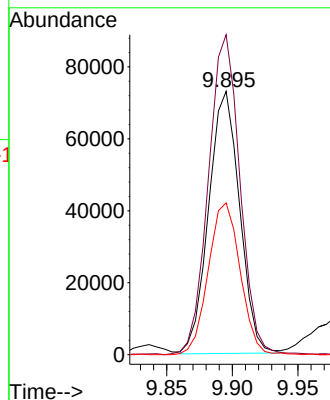
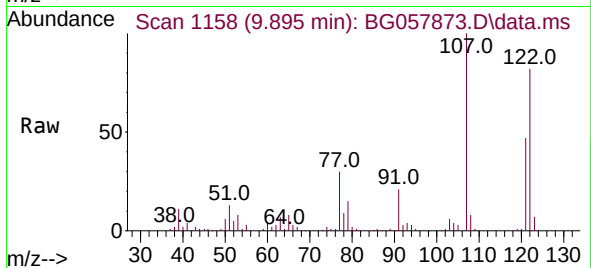
121 57.7 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.844 ng

RT: 10.130 min Scan# 1198

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

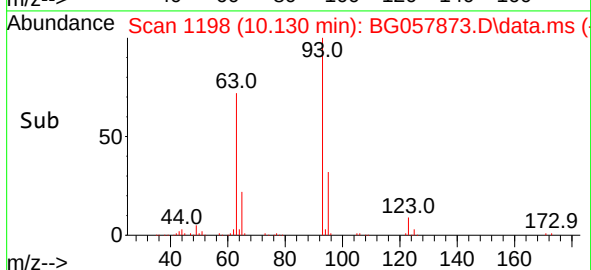
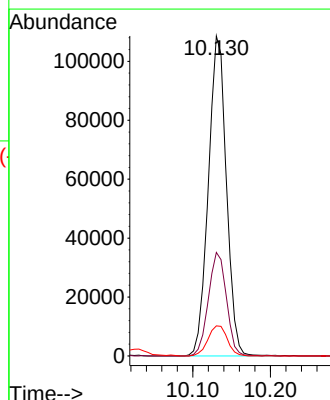
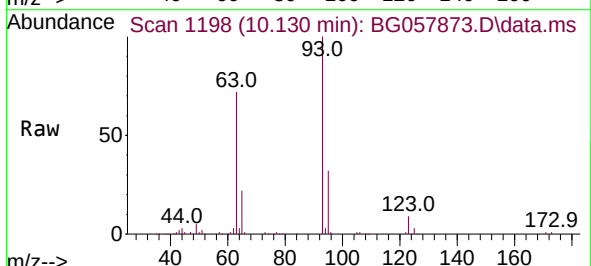
Tgt Ion: 93 Resp: 175227

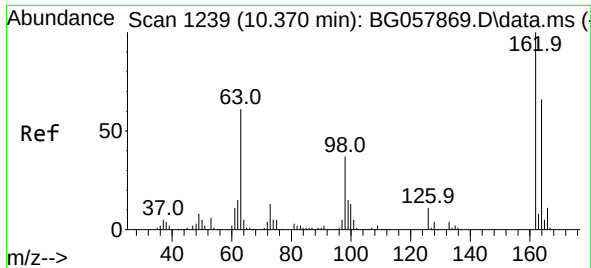
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 9.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 41.514 ng

RT: 10.371 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057873.D

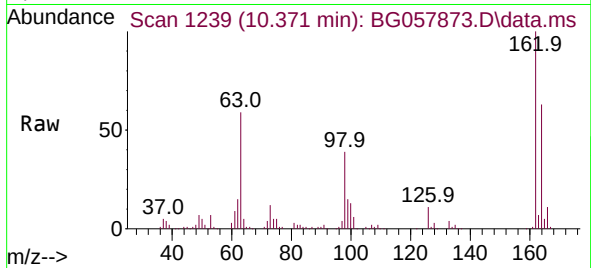
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723



Tgt Ion:162 Resp: 11871

Ion Ratio Lower Upper

162 100

164 62.5 46.1 86.1

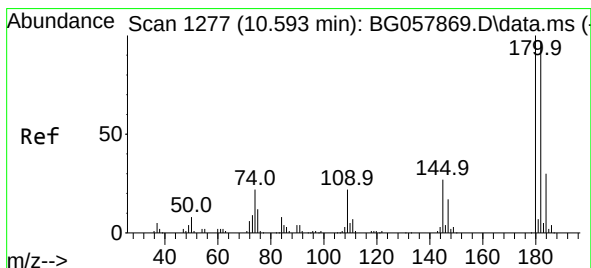
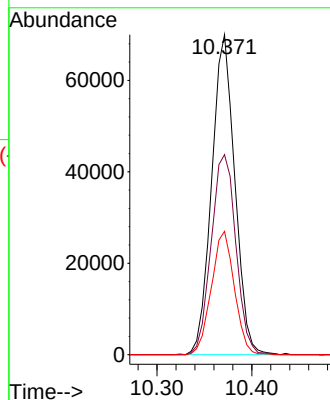
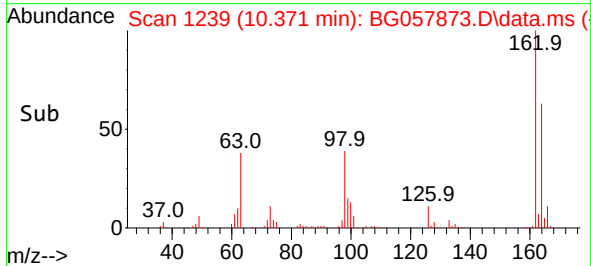
98 38.5 16.8 56.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.943 ng

RT: 10.589 min Scan# 1276

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

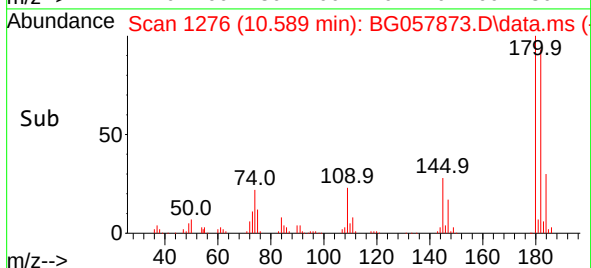
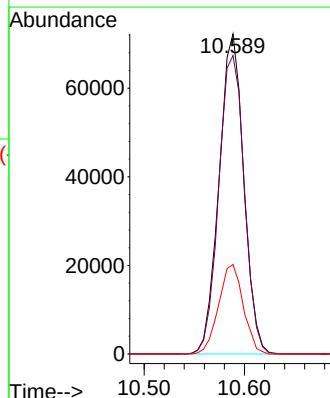
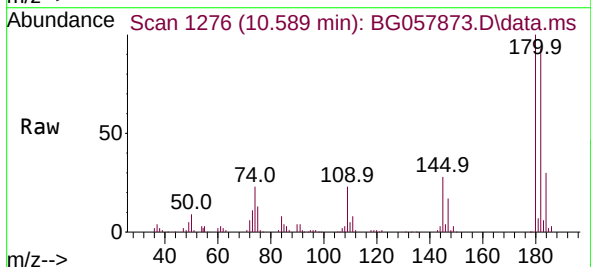
Tgt Ion:180 Resp: 122965

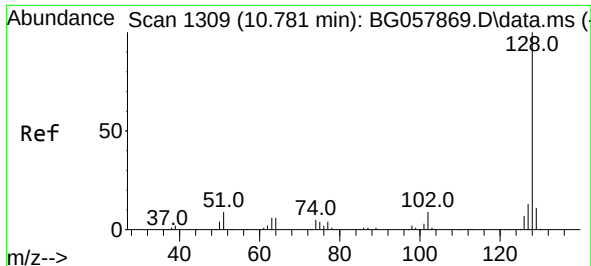
Ion Ratio Lower Upper

180 100

182 93.3 77.2 115.8

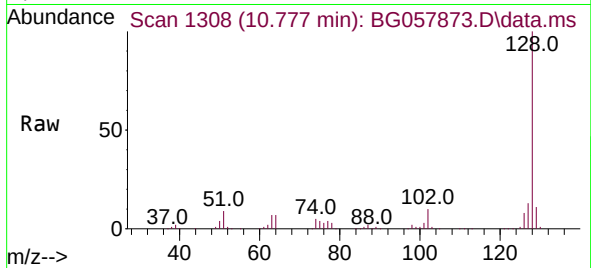
145 28.0 21.7 32.5





#31
Naphthalene
Concen: 40.509 ng
RT: 10.777 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

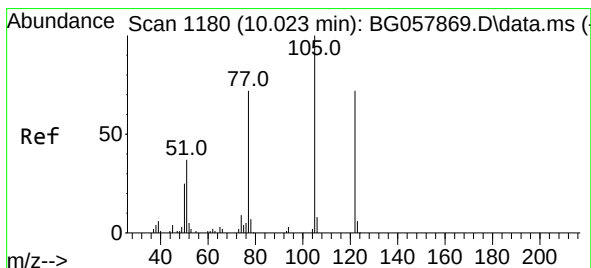
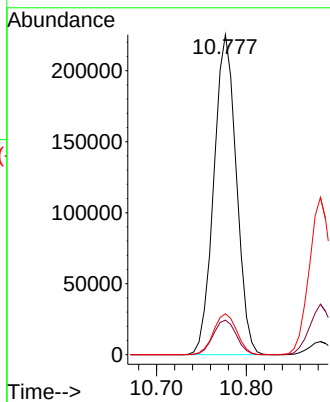
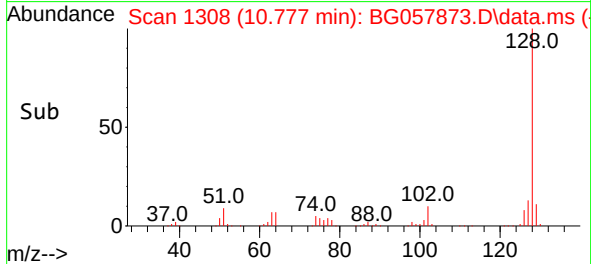
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:128 Resp: 391834
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.8 10.3 15.5

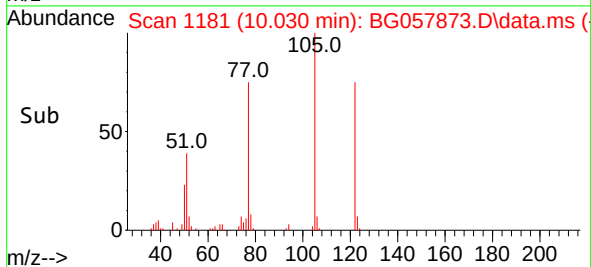
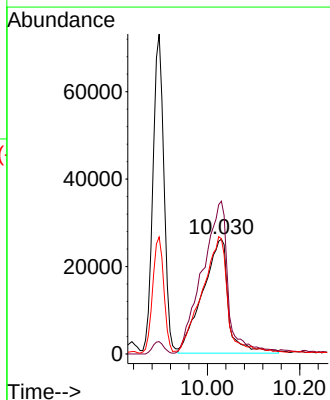
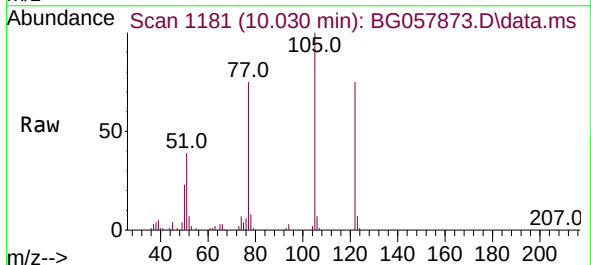
Manual Integrations
APPROVED

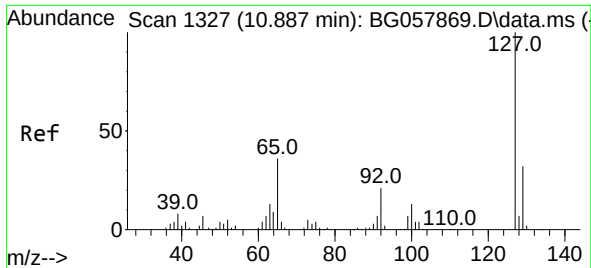
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#32
Benzoic acid
Concen: 44.567 ng m
RT: 10.030 min Scan# 1181
Delta R.T. 0.007 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:122 Resp: 101638
Ion Ratio Lower Upper
122 100
105 133.3 115.4 155.4
77 100.5 78.7 118.7





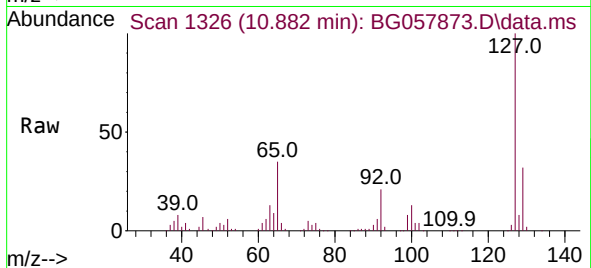
#33
4-Chloroaniline
Concen: 42.421 ng
RT: 10.882 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

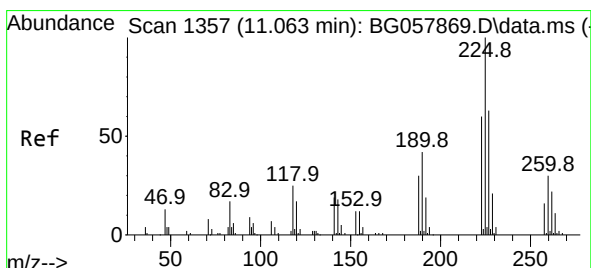
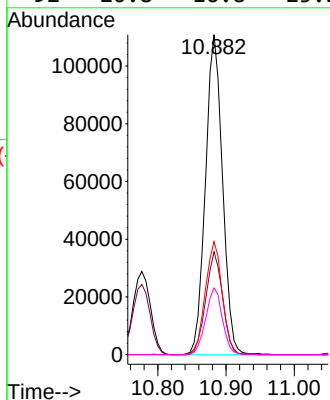
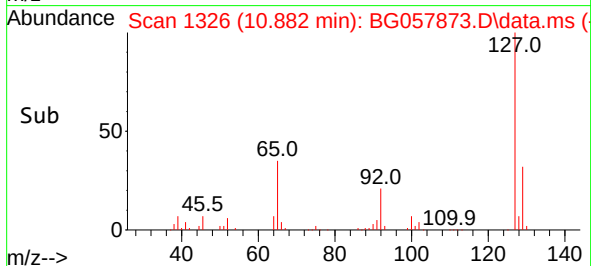


Tgt Ion:127 Resp: 19305
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.6
65 35.3 28.7 43.1
92 20.8 16.8 25.2

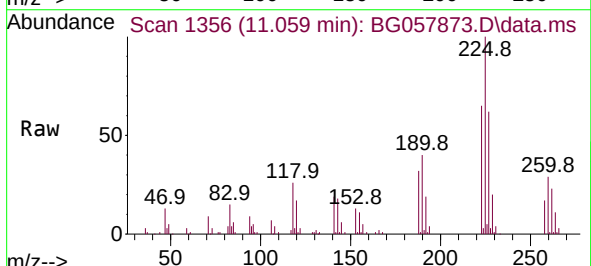
Manual Integrations

APPROVED

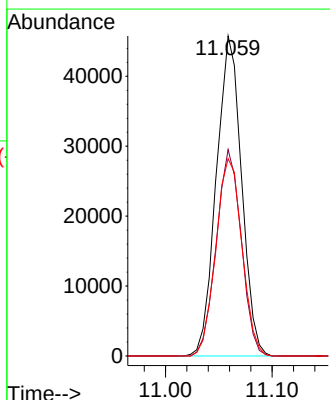
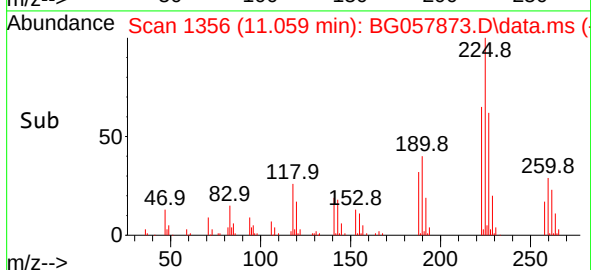
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

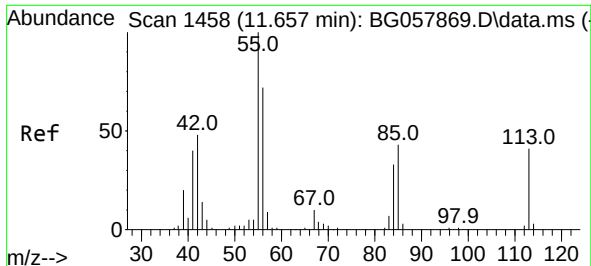


#34
Hexachlorobutadiene
Concen: 39.558 ng
RT: 11.059 min Scan# 1356
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:225 Resp: 75110
Ion Ratio Lower Upper
225 100
223 64.5 48.0 72.0
227 61.7 50.2 75.4





#35
Caprolactam
Concen: 43.689 ng
RT: 11.664 min Scan# 1458
Delta R.T. 0.007 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

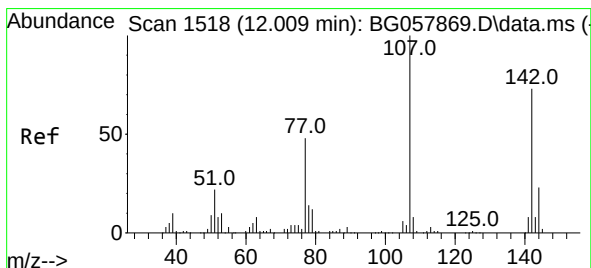
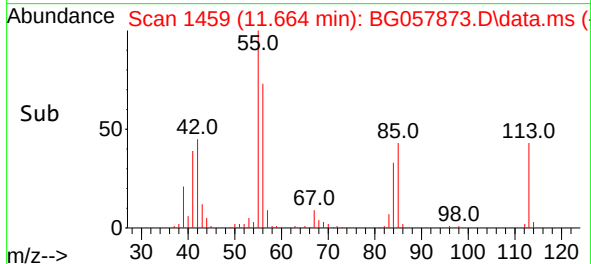
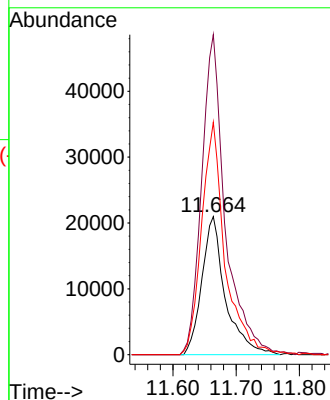
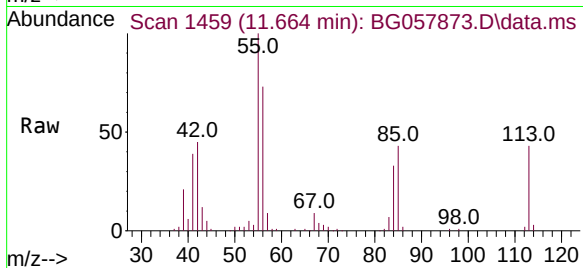
ICVBG062723

Tgt Ion:113 Resp: 5414
Ion Ratio Lower Upper
113 100
55 231.9 224.7 264.7
56 168.5 155.9 195.9

Manual Integrations

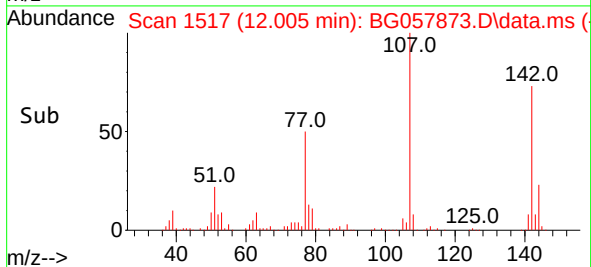
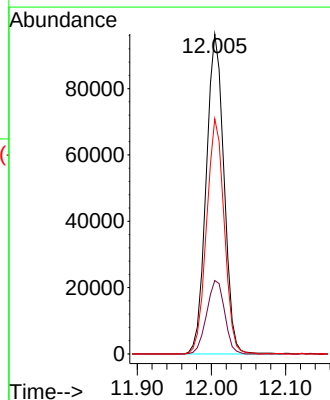
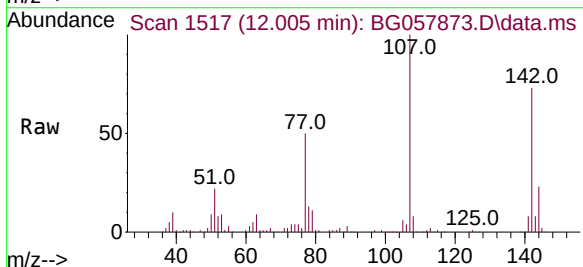
APPROVED

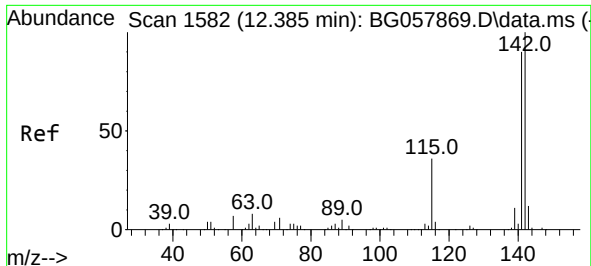
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#36
4-Chloro-3-methylphenol
Concen: 42.236 ng
RT: 12.005 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

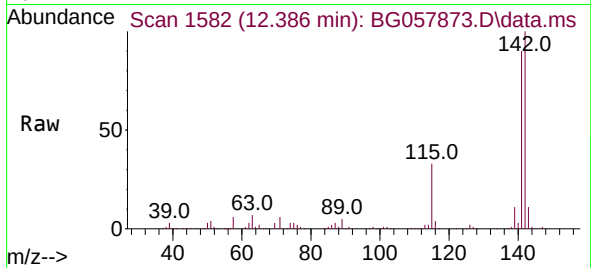
Tgt Ion:107 Resp: 160344
Ion Ratio Lower Upper
107 100
144 23.0 18.2 27.4
142 73.5 58.2 87.4





#37
2-Methylnaphthalene
Concen: 41.665 ng
RT: 12.386 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

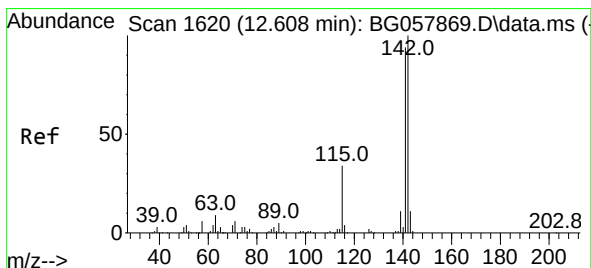
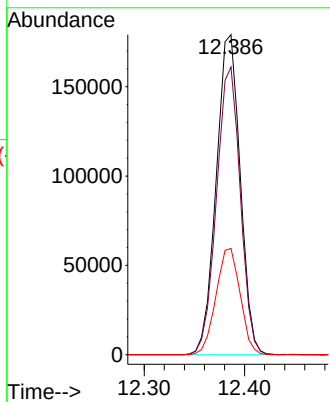
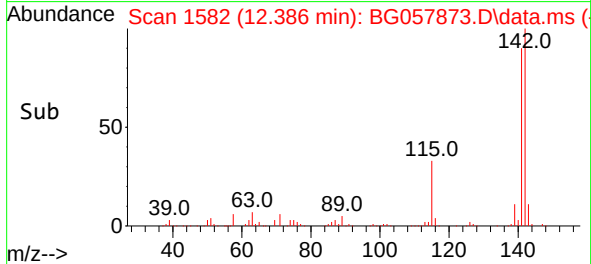
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



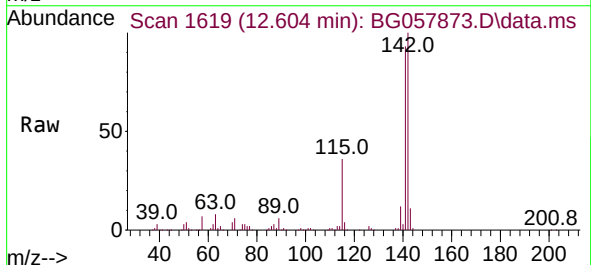
Tgt Ion:142 Resp: 29708
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6
115 33.2 28.6 42.8

Manual Integrations
APPROVED

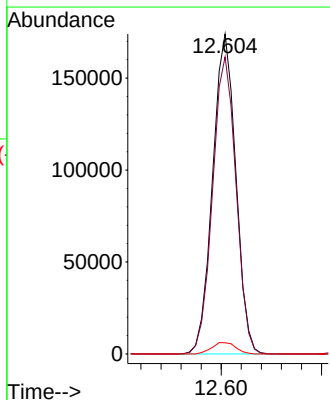
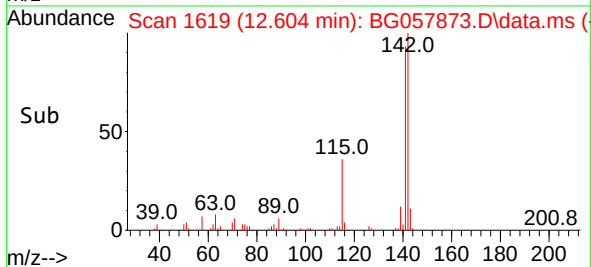
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

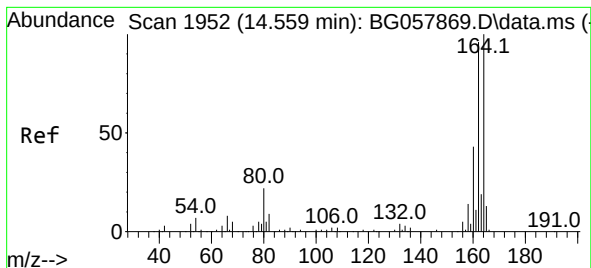


#38
1-Methylnaphthalene
Concen: 41.413 ng
RT: 12.604 min Scan# 1619
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:142 Resp: 279024
Ion Ratio Lower Upper
142 100
141 92.8 74.8 112.2
116 3.5 3.0 4.6





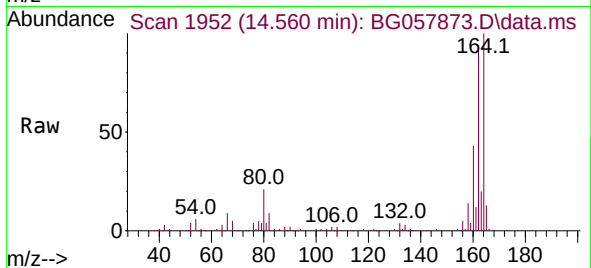
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

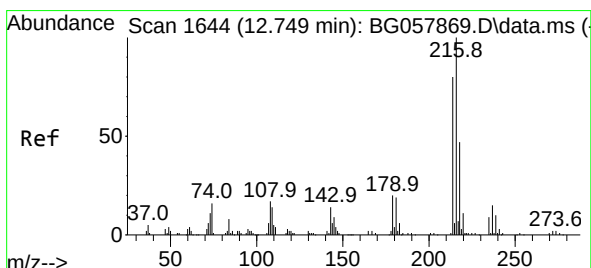
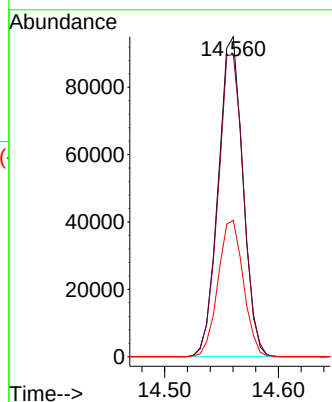
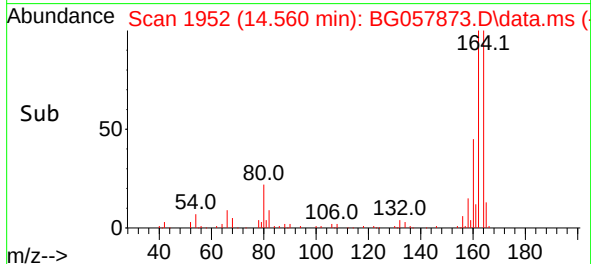


Tgt Ion:164 Resp: 14287
Ion Ratio Lower Upper
164 100
162 94.5 76.4 114.6
160 42.6 34.2 51.2

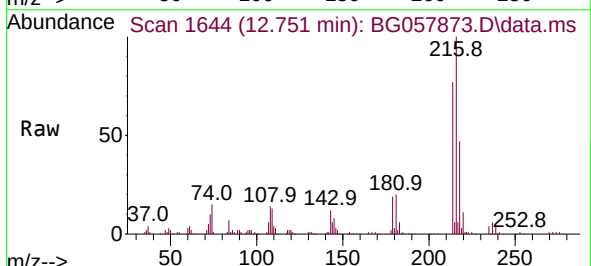
Manual Integrations

APPROVED

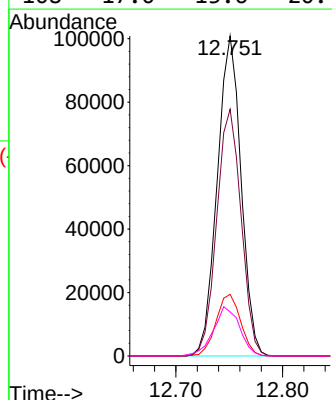
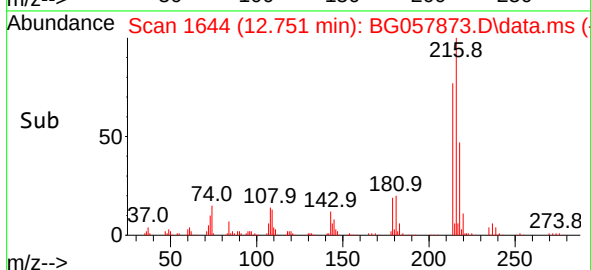
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

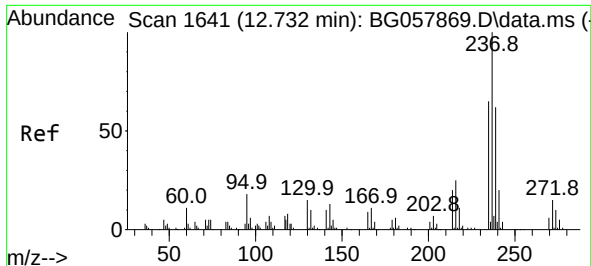


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.147 ng
RT: 12.751 min Scan# 1644
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



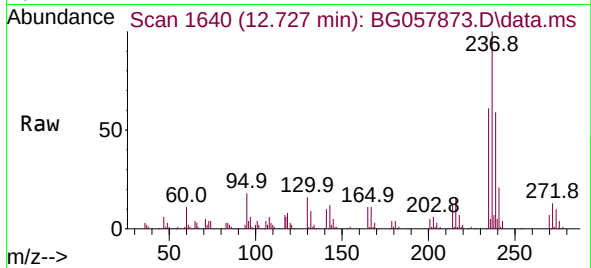
Tgt Ion:216 Resp: 156476
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 19.9 16.1 24.1
108 17.0 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 40.183 ng
RT: 12.727 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

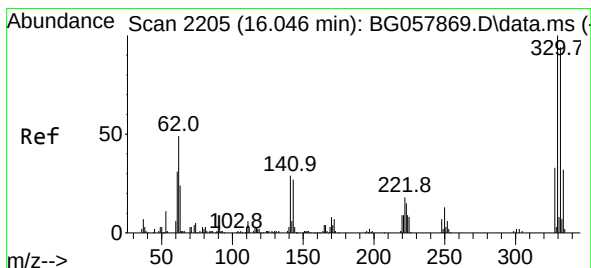
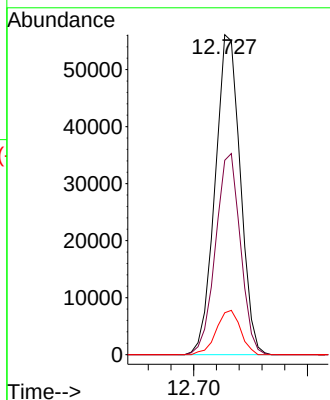
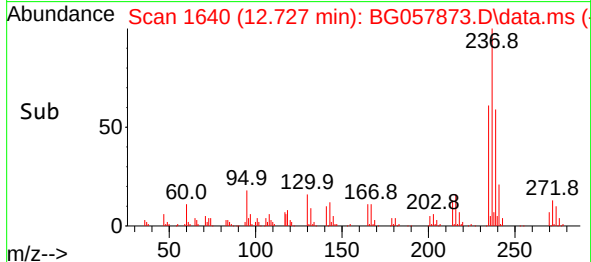
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:237 Resp: 86340
Ion Ratio Lower Upper
237 100
235 60.7 44.7 84.7
272 13.1 0.0 34.7

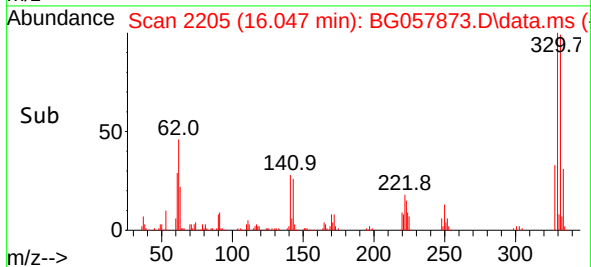
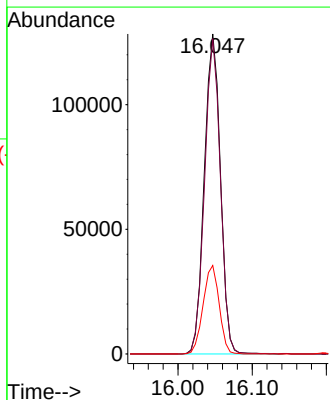
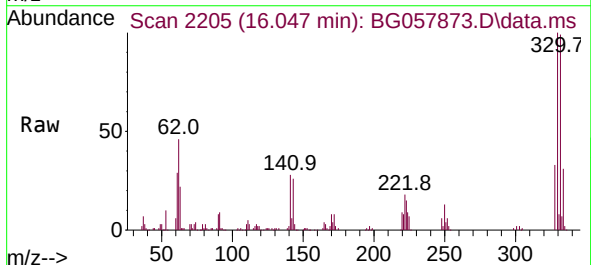
Manual Integrations
APPROVED

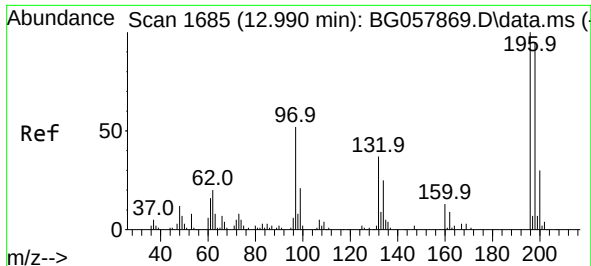
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#42
2,4,6-Tribromophenol
Concen: 80.616 ng
RT: 16.047 min Scan# 2205
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:330 Resp: 193454
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 27.5 22.2 33.4





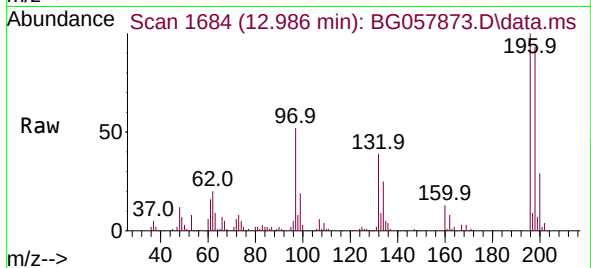
#43
2,4,6-Trichlorophenol
Concen: 40.481 ng
RT: 12.986 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

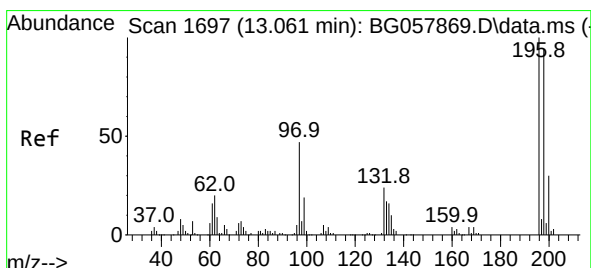
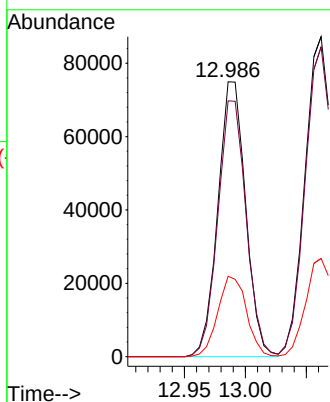
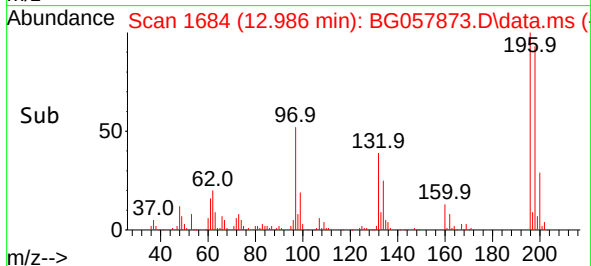


Tgt Ion:196 Resp: 119274
Ion Ratio Lower Upper
196 100
198 93.0 75.7 113.5
200 29.3 24.2 36.2

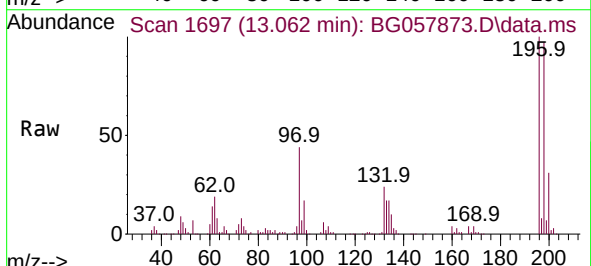
Manual Integrations

APPROVED

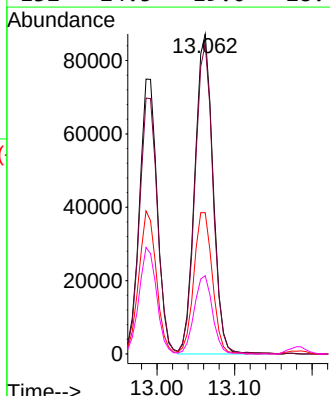
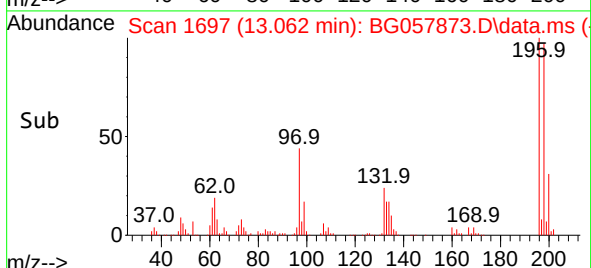
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

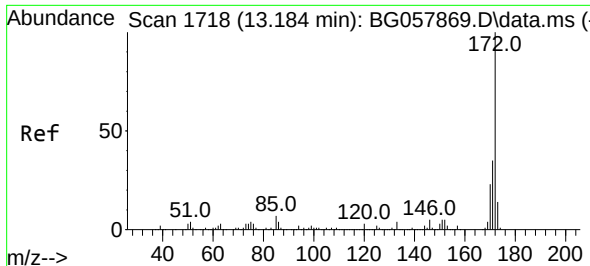


#44
2,4,5-Trichlorophenol
Concen: 40.472 ng
RT: 13.062 min Scan# 1697
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:196 Resp: 141930
Ion Ratio Lower Upper
196 100
198 96.8 75.4 113.0
97 44.2 37.6 56.4
132 24.5 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 77.115 ng
RT: 13.180 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

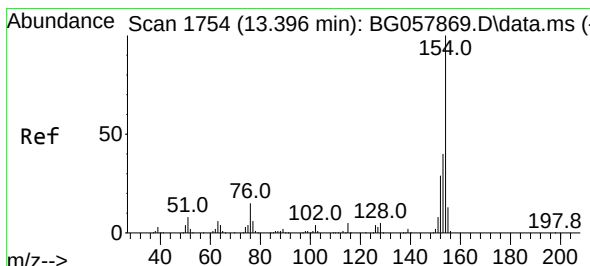
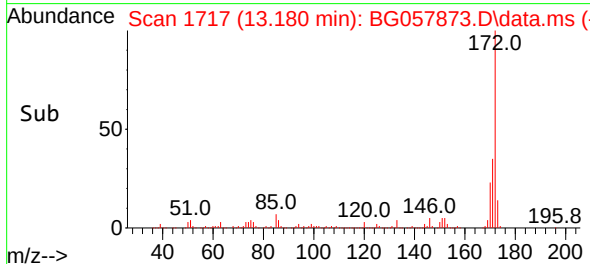
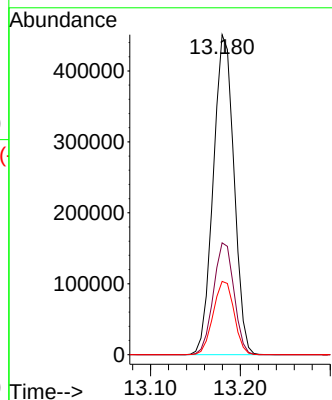
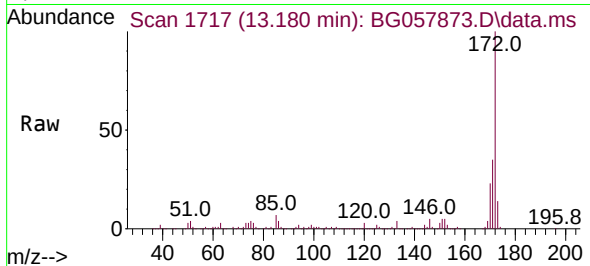
ICVBG062723

Tgt Ion:172 Resp: 721972
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 22.9 18.6 27.8

Manual Integrations

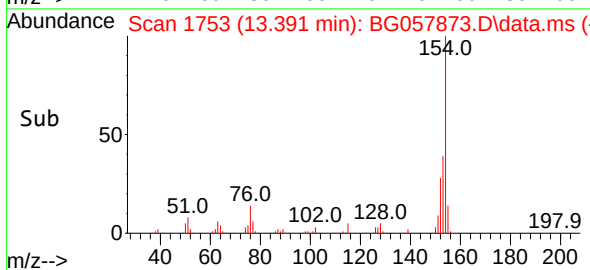
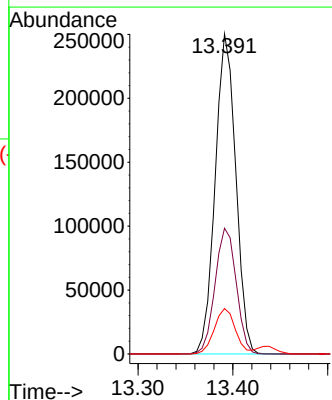
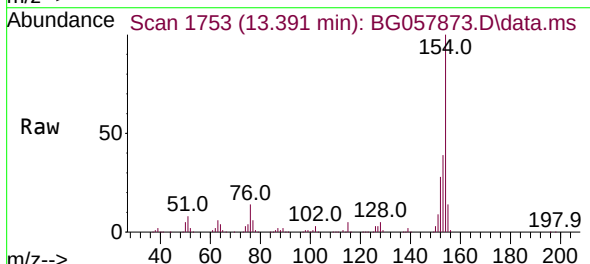
APPROVED

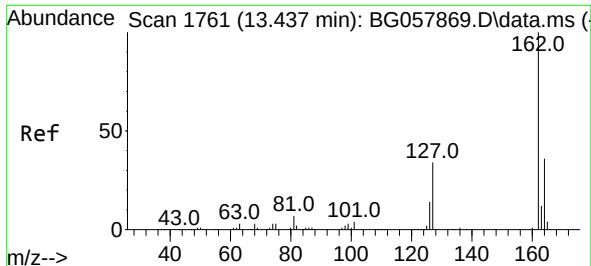
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#46
1,1'-Biphenyl
Concen: 38.772 ng
RT: 13.391 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

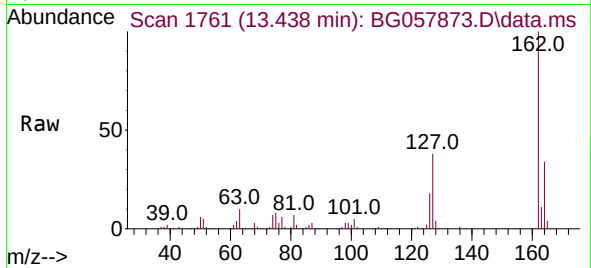
Tgt Ion:154 Resp: 377306
Ion Ratio Lower Upper
154 100
153 39.3 20.1 60.1
76 14.2 0.0 34.7





#47
2-Chloronaphthalene
Concen: 39.178 ng
RT: 13.438 min Scan# 1761
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

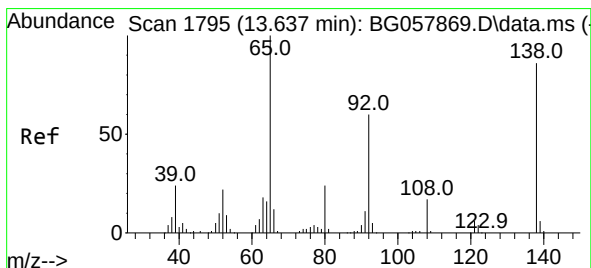
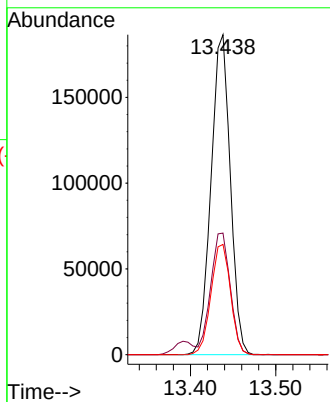
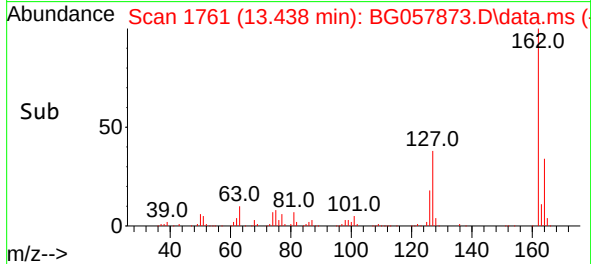
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:162 Resp: 292793
Ion Ratio Lower Upper
162 100
127 38.0 30.2 45.4
164 34.5 28.6 43.0

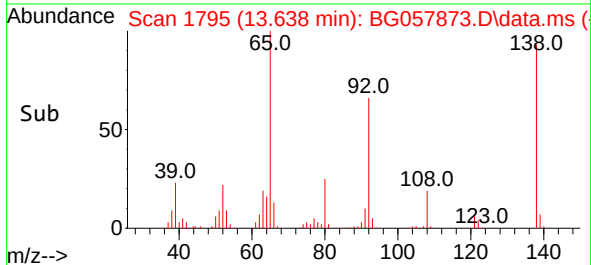
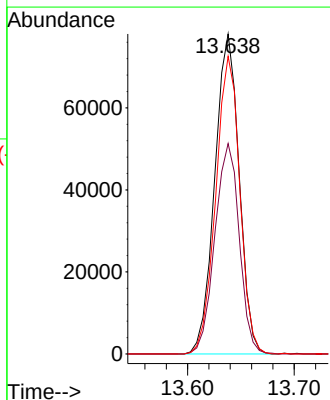
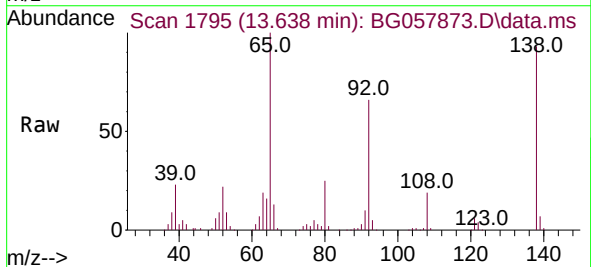
Manual Integrations
APPROVED

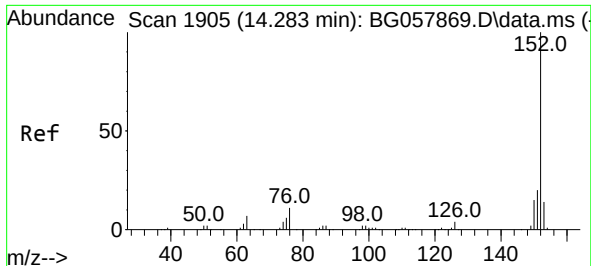
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#48
2-Nitroaniline
Concen: 41.535 ng
RT: 13.638 min Scan# 1795
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion: 65 Resp: 123684
Ion Ratio Lower Upper
65 100
92 65.7 48.3 72.5
138 93.0 69.1 103.7





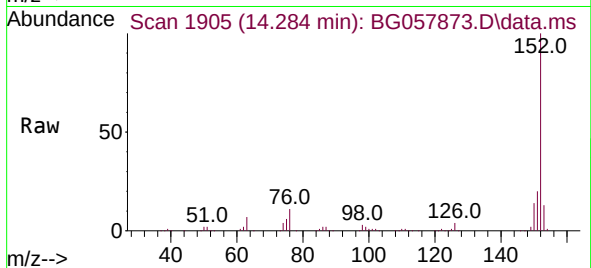
#49
Acenaphthylene
Concen: 39.107 ng
RT: 14.284 min Scan# 1905
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723



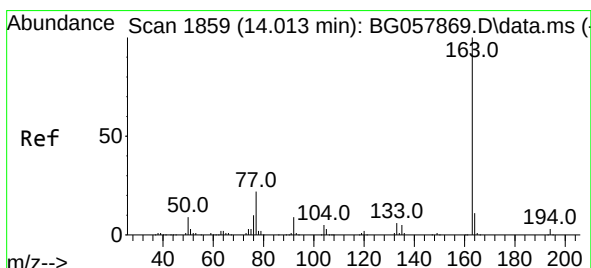
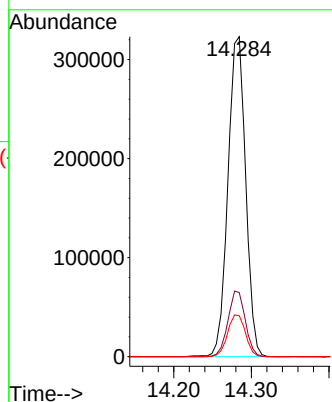
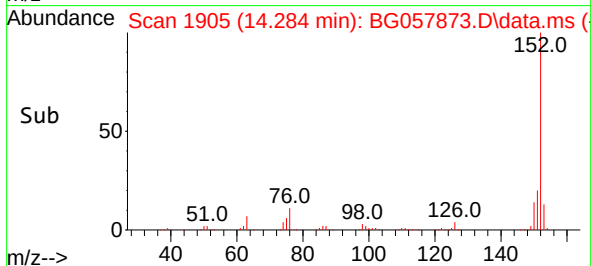
Tgt Ion:152 Resp: 512558
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.8 10.8 16.2

Manual Integrations

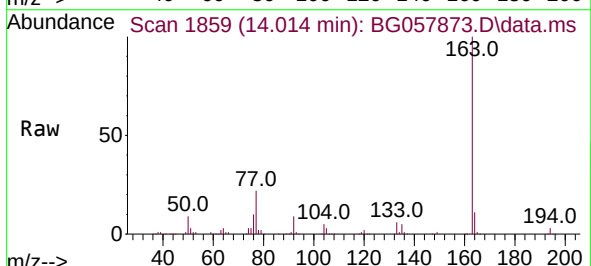
APPROVED

Reviewed By :Yogesh Patel 06/29/2023

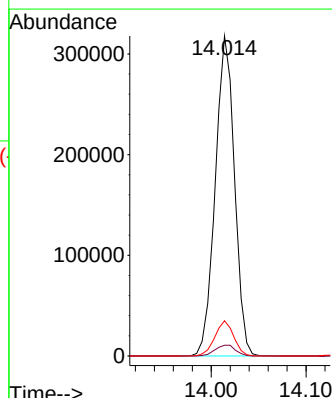
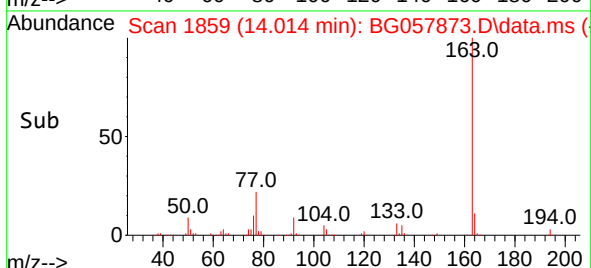
Supervised By :mohammad ahmed 06/29/2023

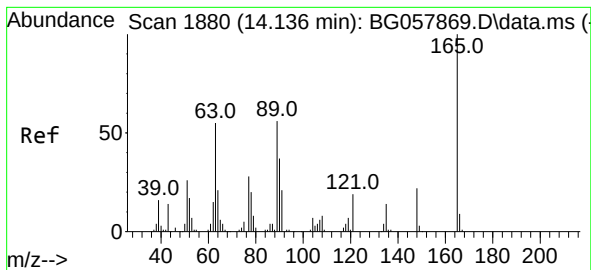


#50
Dimethylphthalate
Concen: 39.527 ng
RT: 14.014 min Scan# 1859
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:163 Resp: 447602
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 11.0 8.9 13.3





#51
2,6-Dinitrotoluene
Concen: 41.879 ng
RT: 14.131 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

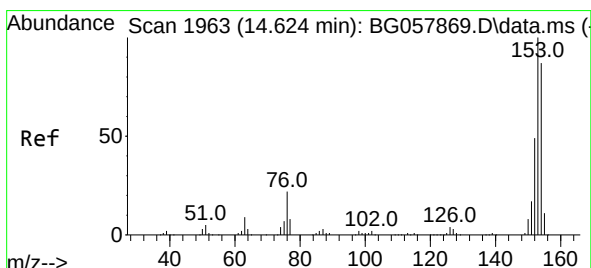
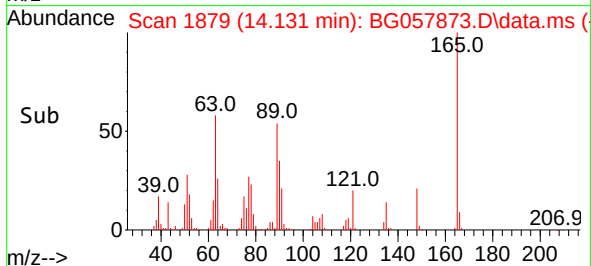
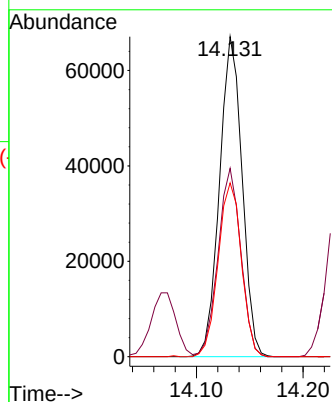
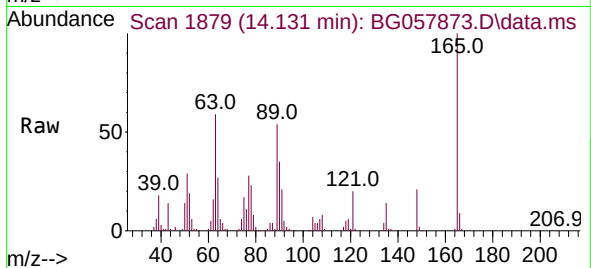
ClientSampleId :

ICVBG062723

Tgt Ion:165 Resp: 9846
Ion Ratio Lower Upper
165 100
63 58.9 46.4 69.6
89 54.3 45.0 67.6

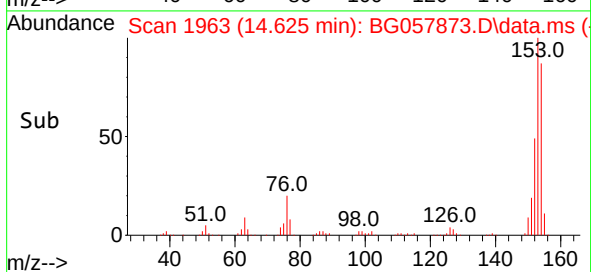
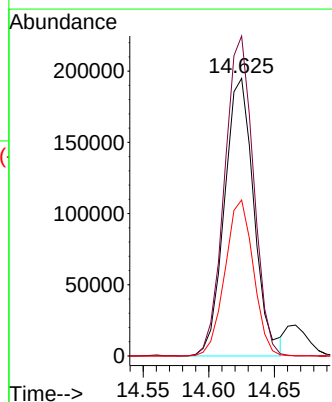
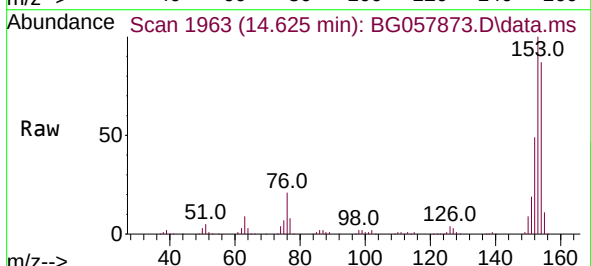
Manual Integrations
APPROVED

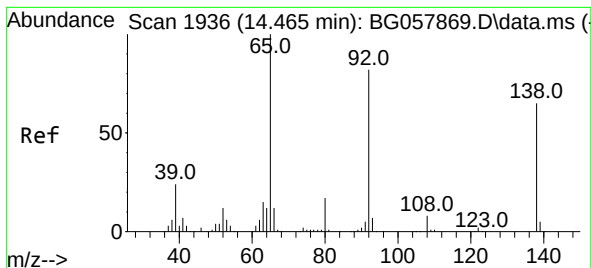
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#52
Acenaphthene
Concen: 39.830 ng
RT: 14.625 min Scan# 1963
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:154 Resp: 304957
Ion Ratio Lower Upper
154 100
153 115.3 91.5 137.3
152 56.2 44.6 67.0





#53
3-Nitroaniline
Concen: 40.828 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

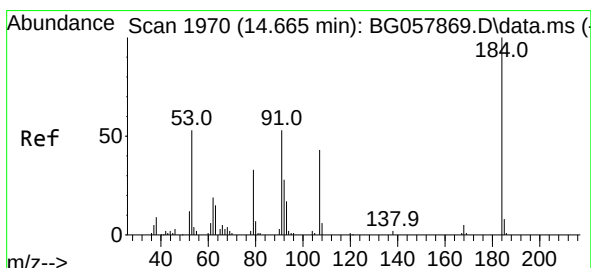
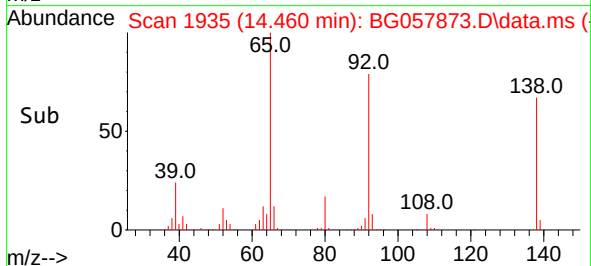
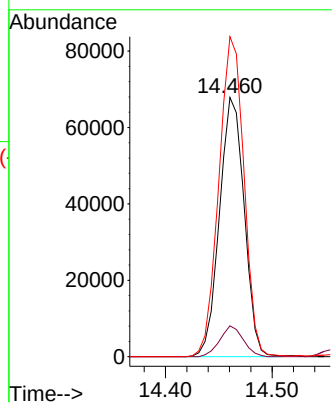
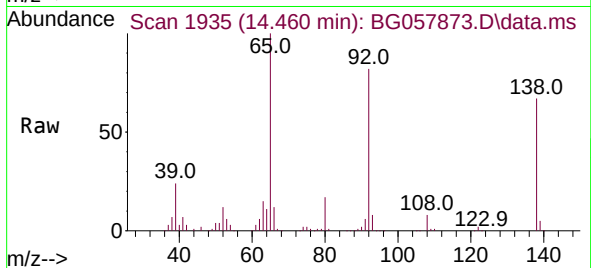
ICVBG062723

Tgt Ion:138 Resp: 109129
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.6
92 123.5 101.7 152.5

Manual Integrations

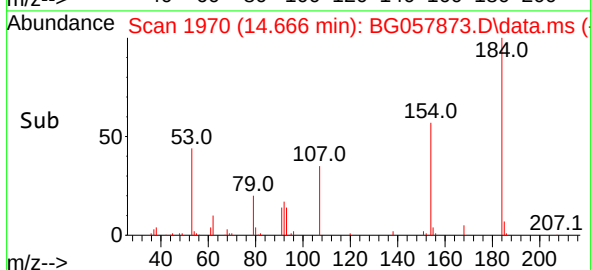
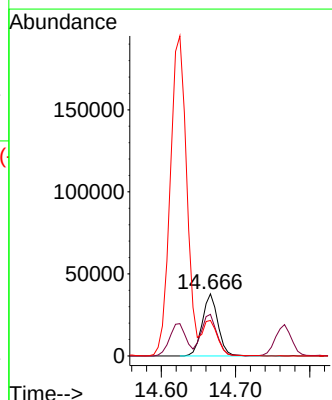
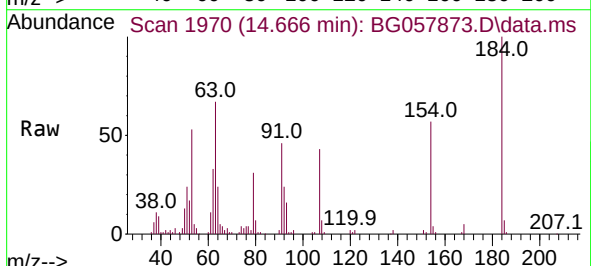
APPROVED

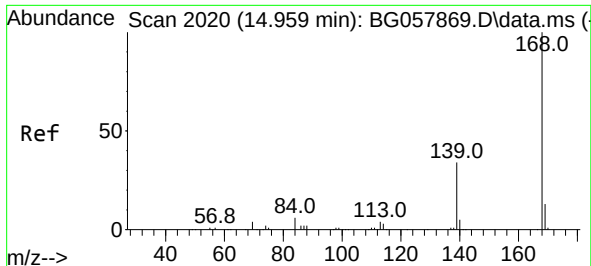
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#54
2,4-Dinitrophenol
Concen: 42.836 ng
RT: 14.666 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:184 Resp: 55642
Ion Ratio Lower Upper
184 100
63 67.1 57.8 86.6
154 57.3 45.9 68.9





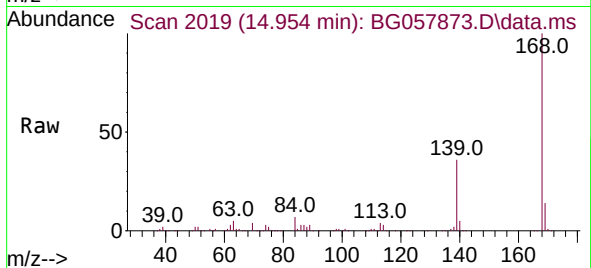
#55
Dibenzenofuran
Concen: 39.176 ng
RT: 14.954 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

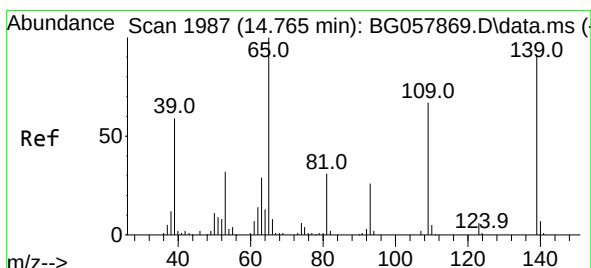
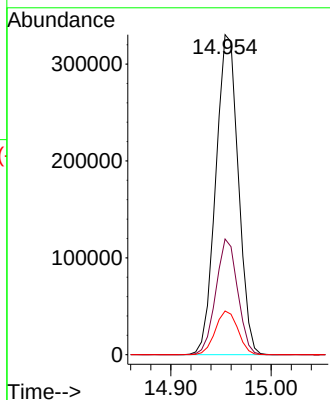
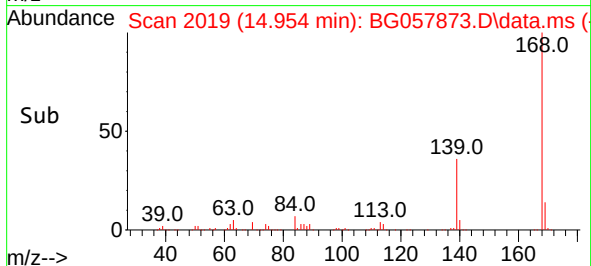


Tgt Ion:168 Resp: 514484
Ion Ratio Lower Upper
168 100
139 36.2 27.3 40.9
169 13.7 10.3 15.5

Manual Integrations

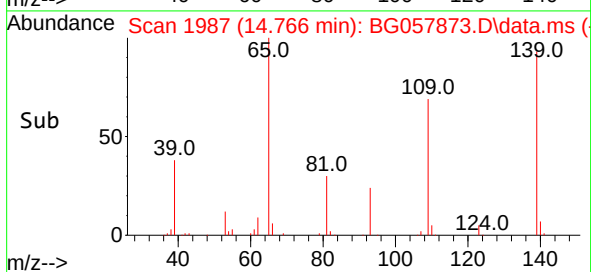
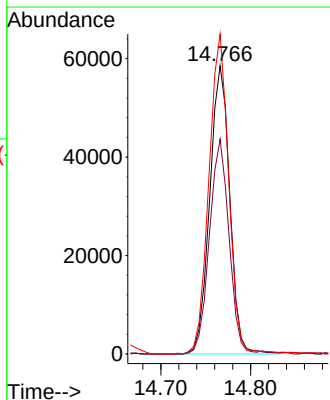
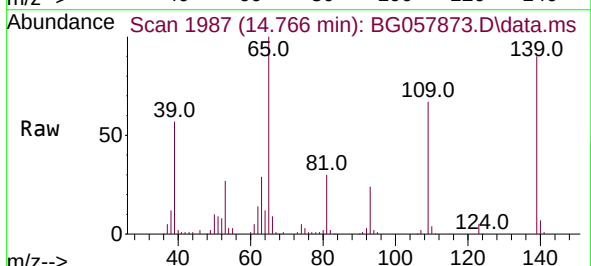
APPROVED

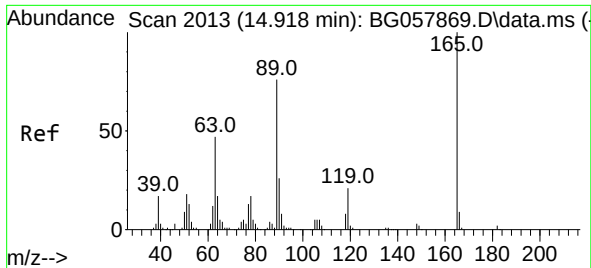
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#56
4-Nitrophenol
Concen: 41.360 ng
RT: 14.766 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:139 Resp: 90637
Ion Ratio Lower Upper
139 100
109 74.5 53.7 93.7
65 111.1 89.9 129.9





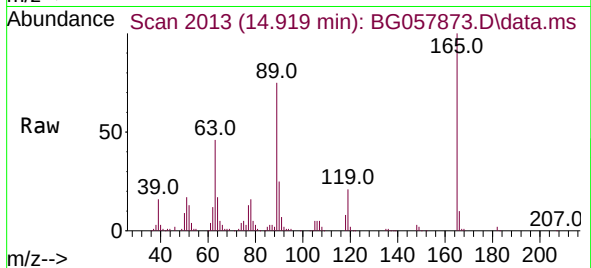
#57
2,4-Dinitrotoluene
Concen: 41.788 ng
RT: 14.919 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

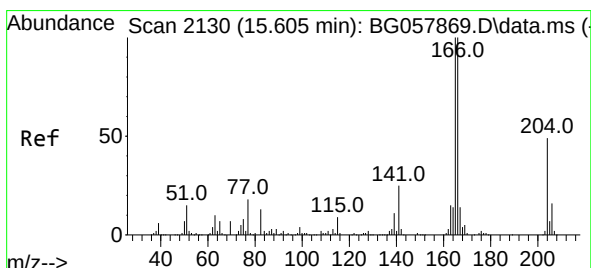
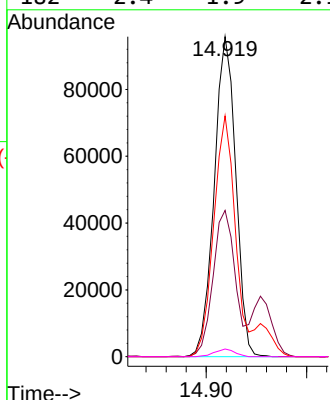
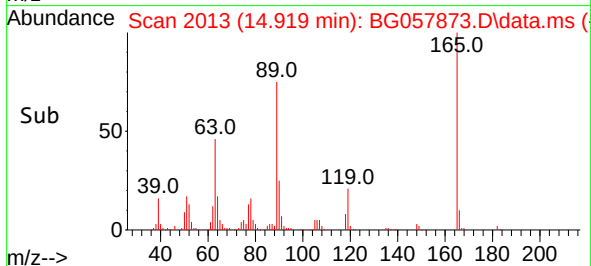


Tgt Ion:165 Resp: 14256
Ion Ratio Lower Upper
165 100
63 45.7 37.6 56.4
89 75.2 61.0 91.4
182 2.4 1.9 2.9

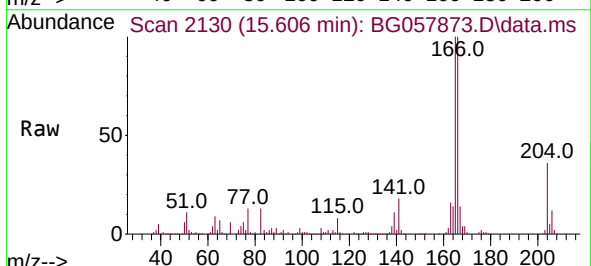
Manual Integrations

APPROVED

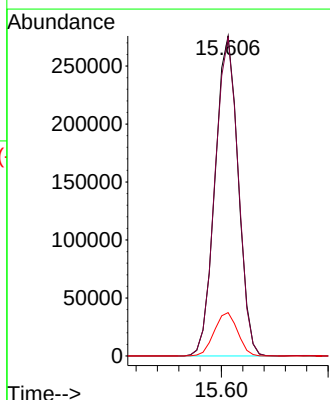
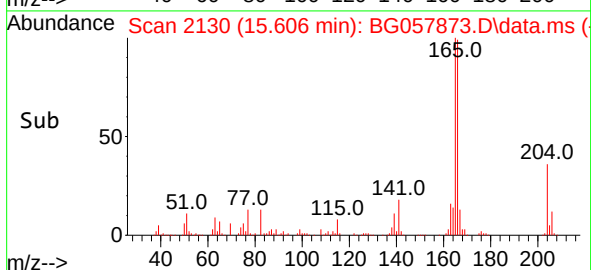
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

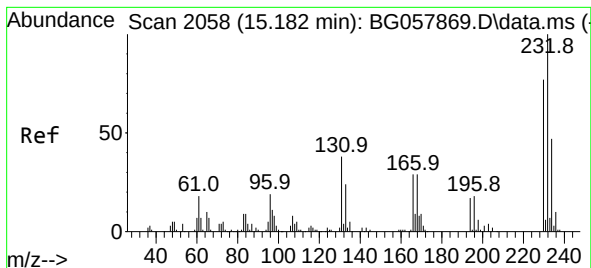


#58
Fluorene
Concen: 39.114 ng
RT: 15.606 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:166 Resp: 414593
Ion Ratio Lower Upper
166 100
165 99.5 80.0 120.0
167 13.6 11.0 16.4





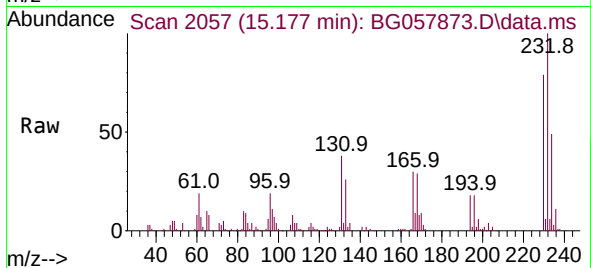
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.576 ng
RT: 15.177 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

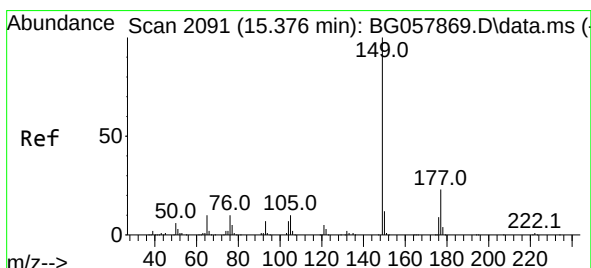
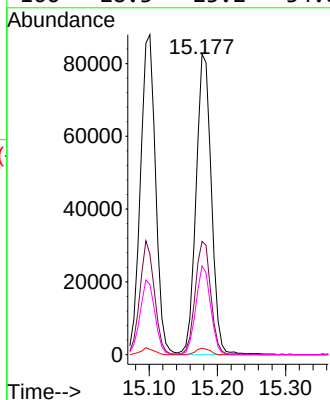
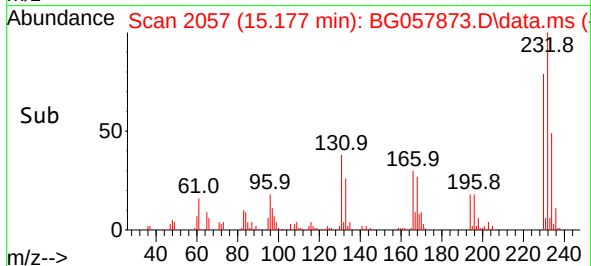


Tgt Ion:232 Resp: 128992
Ion Ratio Lower Upper
232 100
131 38.3 31.2 46.8
130 1.9 1.6 2.4
166 28.3 23.2 34.8

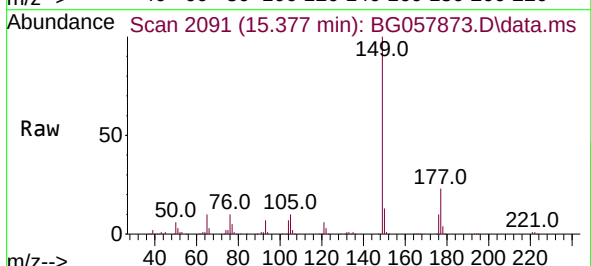
Manual Integrations

APPROVED

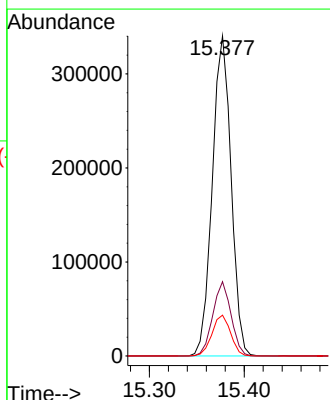
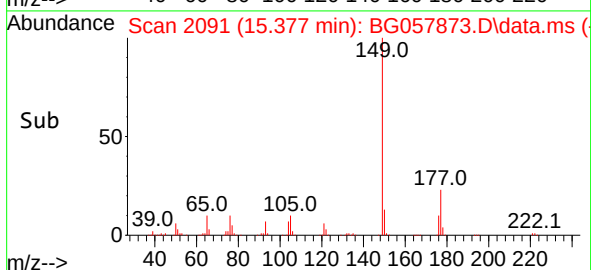
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

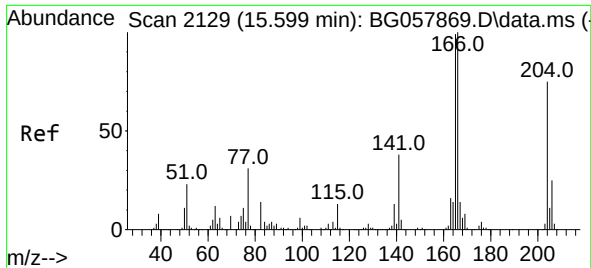


#60
Diethylphthalate
Concen: 39.229 ng
RT: 15.377 min Scan# 2091
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:149 Resp: 468257
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.498 ng
RT: 15.594 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

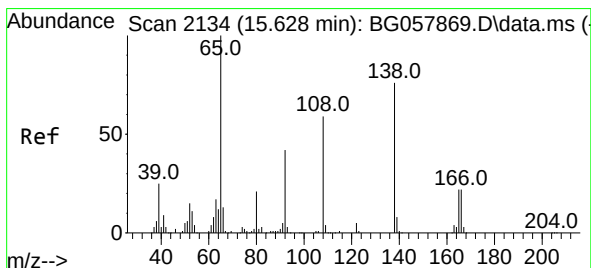
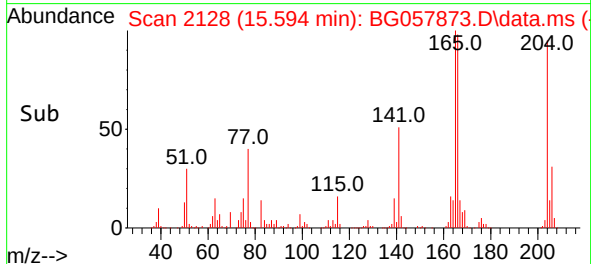
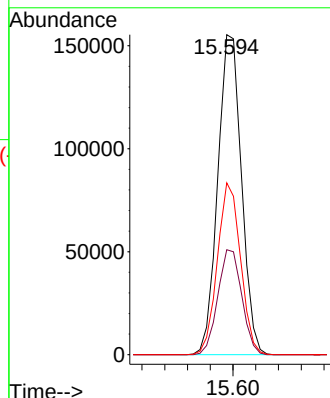
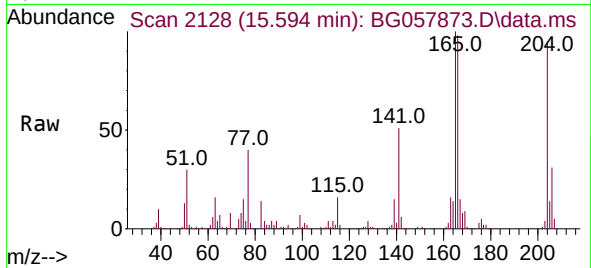
ICVBG062723

Tgt Ion:204 Resp: 224560
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 53.7 40.6 60.8

Manual Integrations

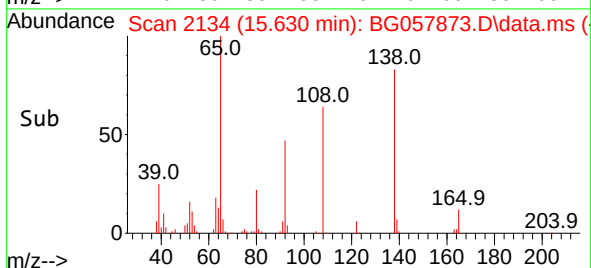
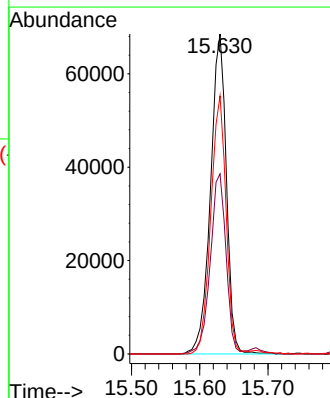
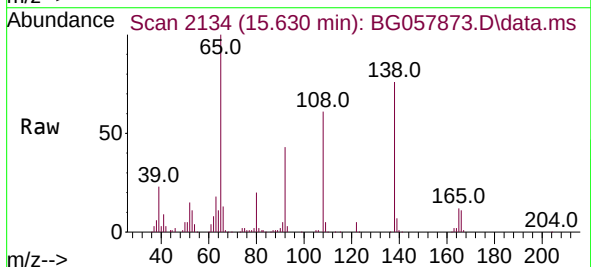
APPROVED

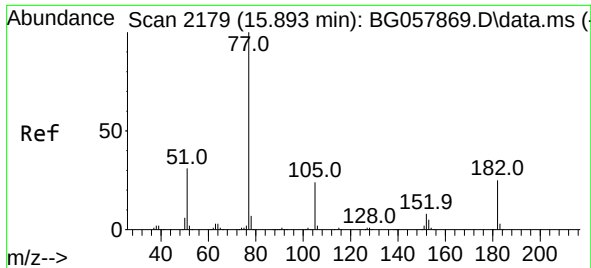
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#62
4-Nitroaniline
Concen: 39.585 ng
RT: 15.630 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:138 Resp: 110987
Ion Ratio Lower Upper
138 100
92 56.3 35.2 75.2
108 80.6 57.8 97.8





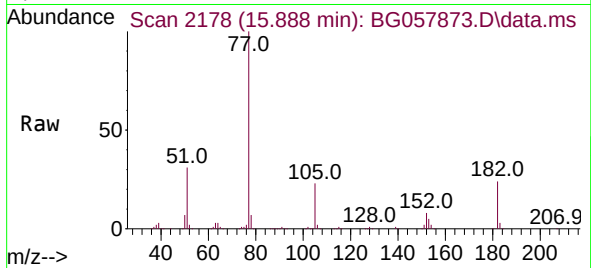
#63
Azobenzene
Concen: 39.872 ng
RT: 15.888 min Scan# 2178
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

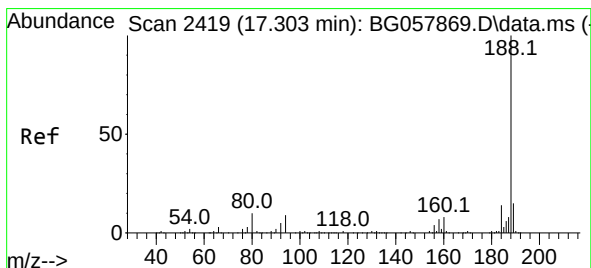
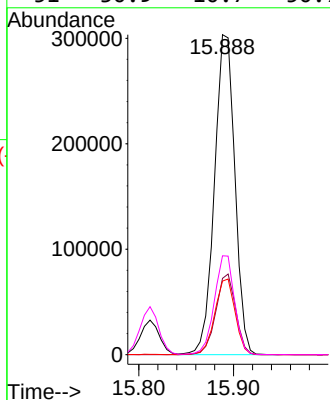
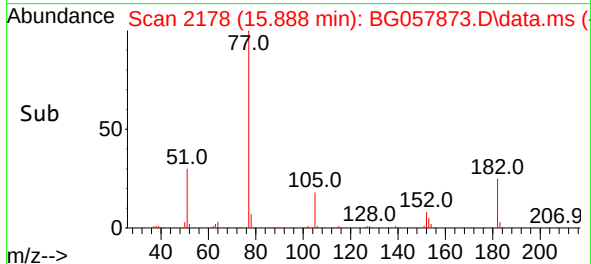


Tgt Ion: 77 Resp: 455129
Ion Ratio Lower Upper
77 100
182 23.9 5.1 45.1
105 23.0 3.9 43.9
51 30.9 10.7 50.7

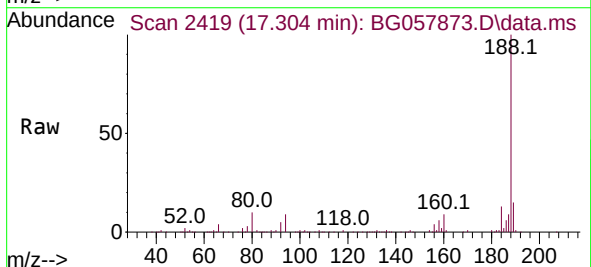
Manual Integrations

APPROVED

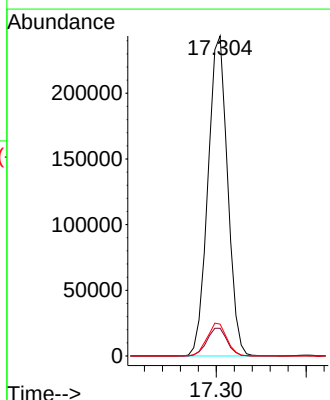
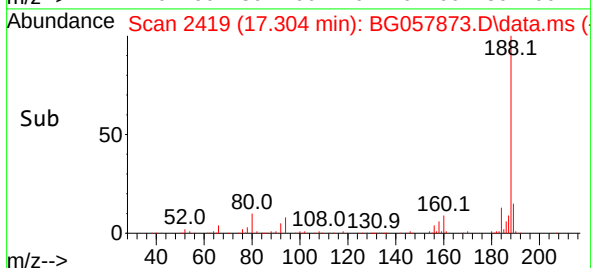
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

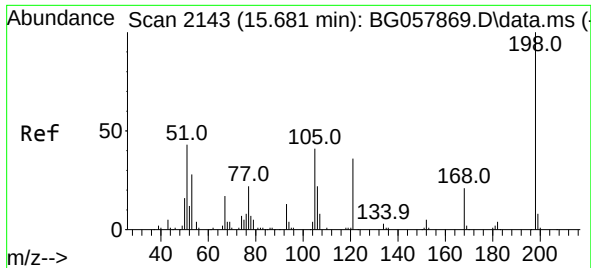


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2419
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:188 Resp: 369819
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.9 8.4 12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.128 ng
RT: 15.683 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

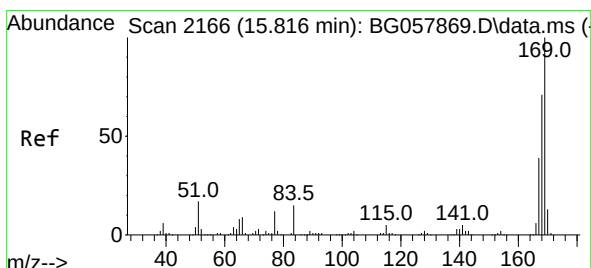
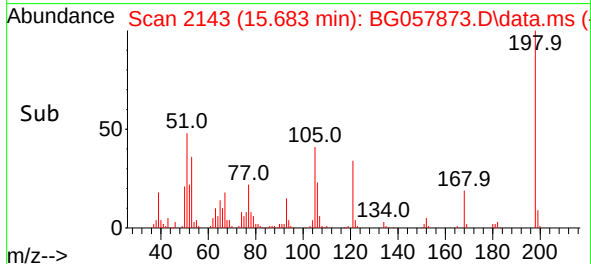
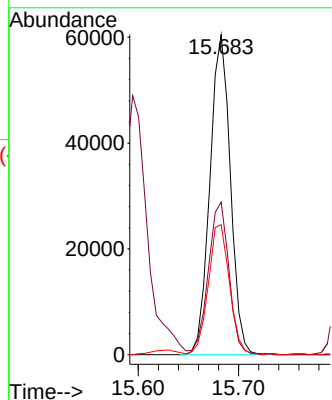
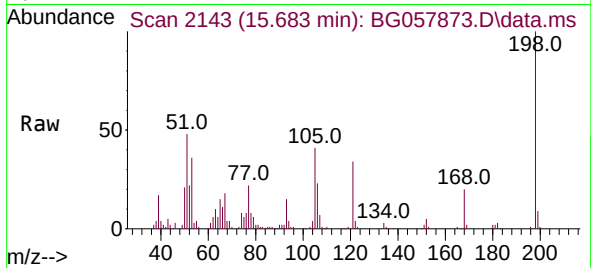
ICVBG062723

Tgt Ion:198 Resp: 85829
Ion Ratio Lower Upper
198 100
51 47.7 27.2 67.2
105 40.6 22.3 62.3

Manual Integrations

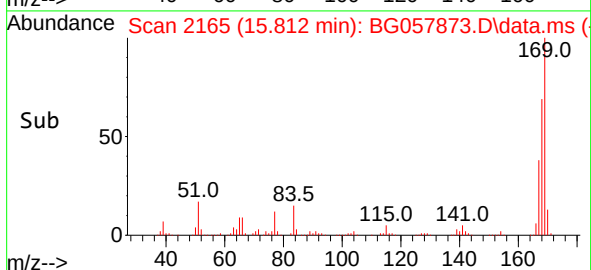
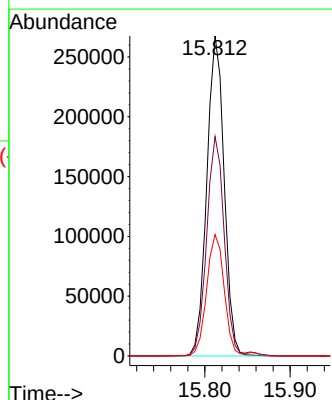
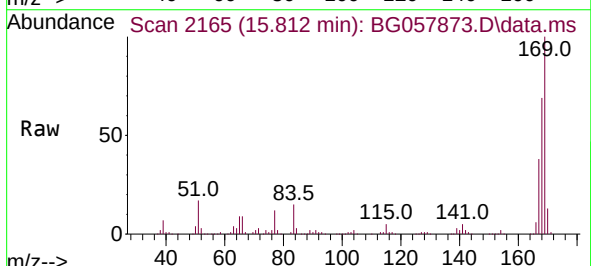
APPROVED

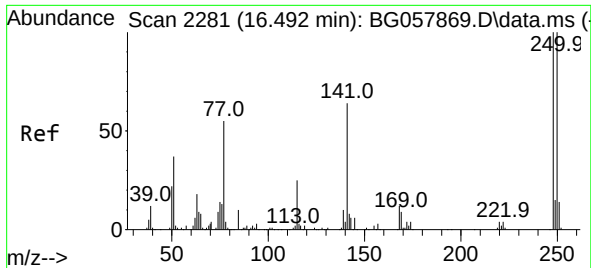
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#66
n-Nitrosodiphenylamine
Concen: 40.054 ng
RT: 15.812 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:169 Resp: 378024
Ion Ratio Lower Upper
169 100
168 68.6 56.6 85.0
167 38.0 31.1 46.7





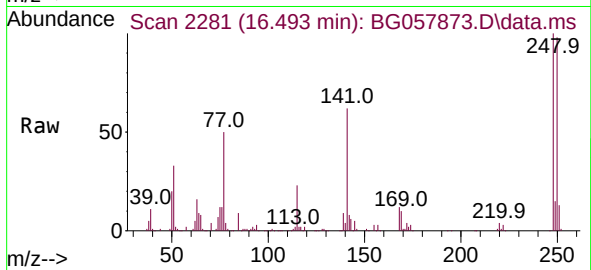
#67
4-Bromophenyl-phenylether
Concen: 40.588 ng
RT: 16.493 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

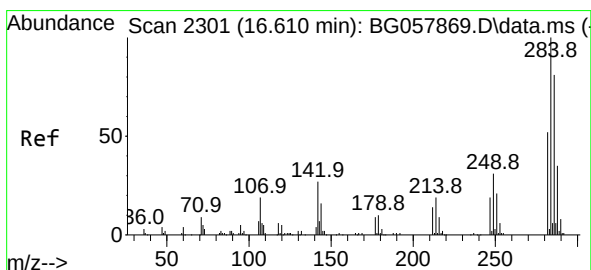
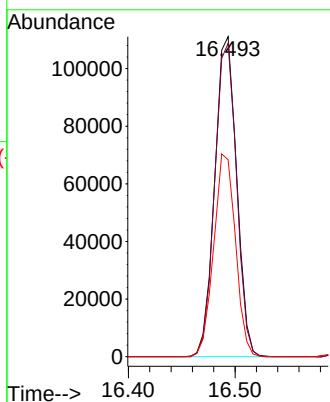
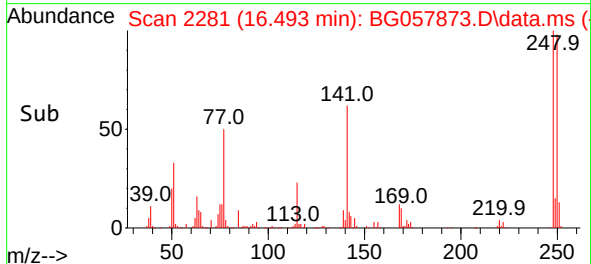


Tgt Ion:248 Resp: 158449
Ion Ratio Lower Upper
248 100
250 97.9 79.7 119.5
141 61.6 50.8 76.2

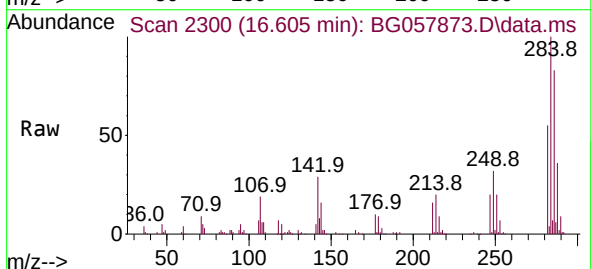
Manual Integrations

APPROVED

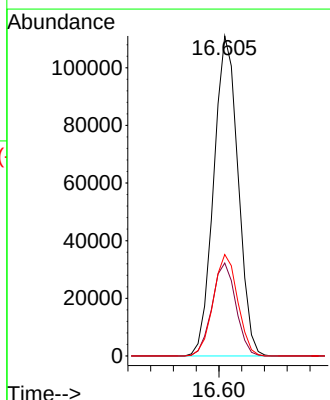
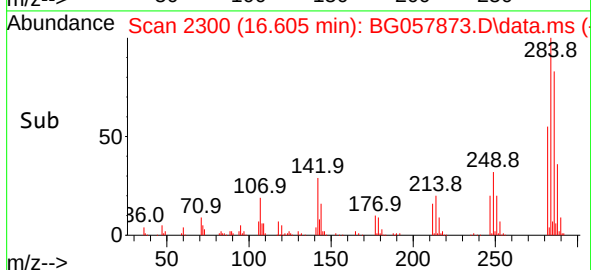
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

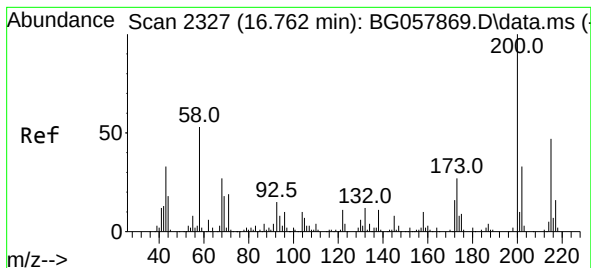


#68
Hexachlorobenzene
Concen: 40.033 ng
RT: 16.605 min Scan# 2300
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:284 Resp: 165030
Ion Ratio Lower Upper
284 100
142 29.0 21.4 32.0
249 31.7 24.9 37.3





#69

Atrazine

Concen: 37.851 ng

RT: 16.758 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

Tgt Ion:200 Resp: 13266

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

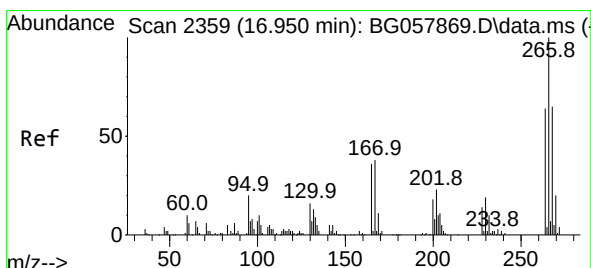
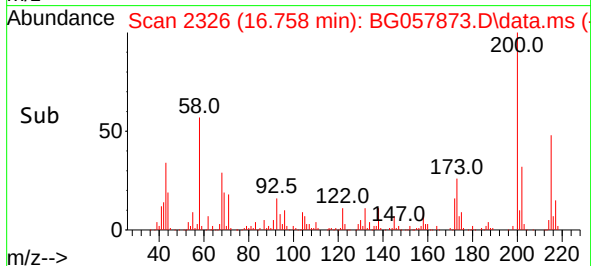
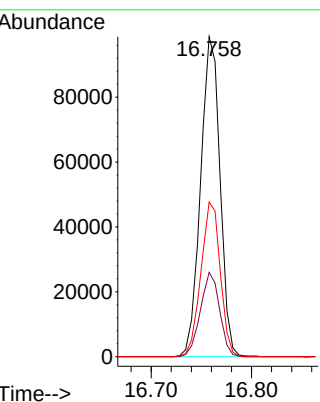
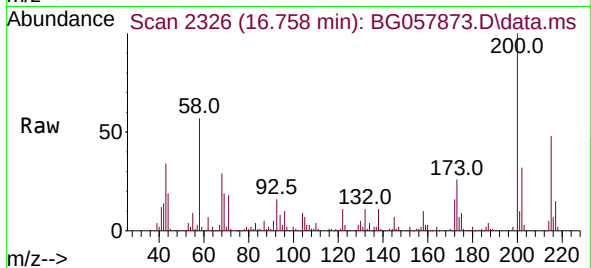
215 48.3 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#70

Pentachlorophenol

Concen: 41.218 ng

RT: 16.952 min Scan# 2359

Delta R.T. 0.001 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

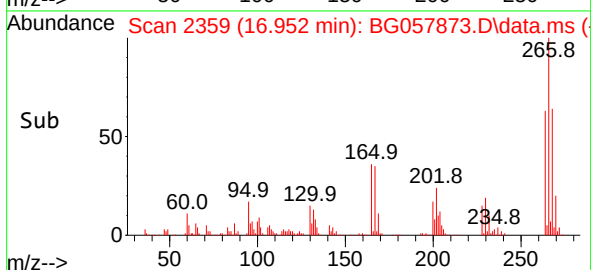
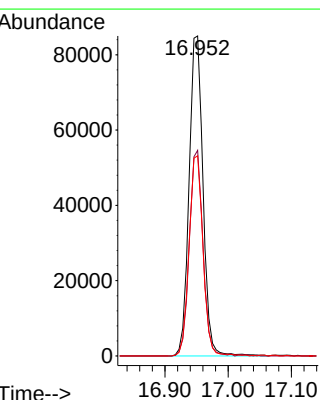
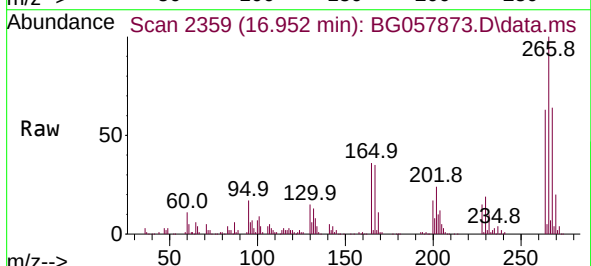
Tgt Ion:266 Resp: 129942

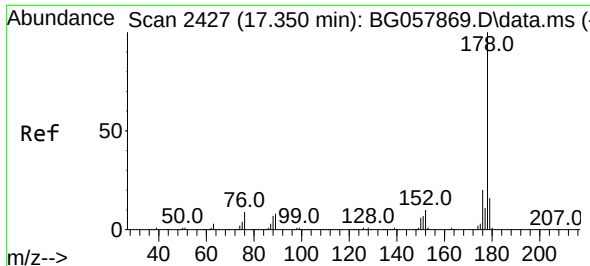
Ion Ratio Lower Upper

266 100

268 64.2 52.2 78.2

264 62.5 50.9 76.3





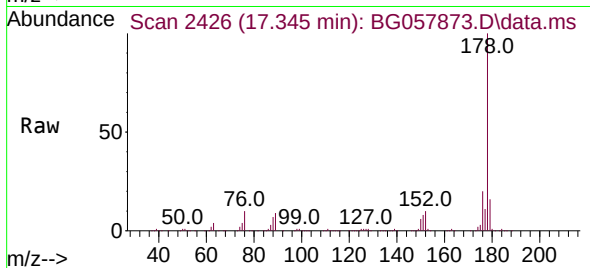
#71
Phenanthrene
Concen: 39.171 ng
RT: 17.345 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

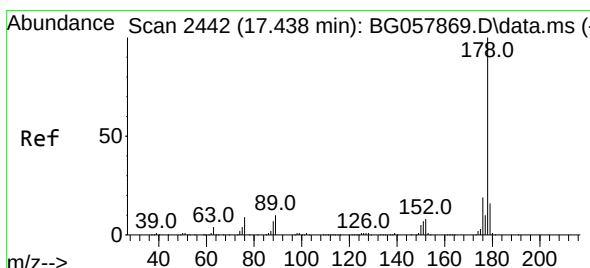
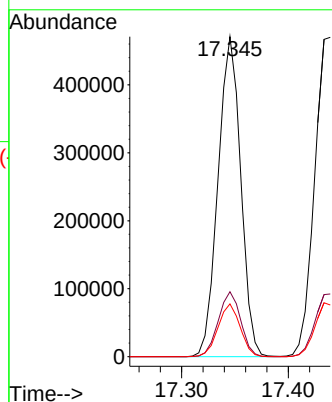
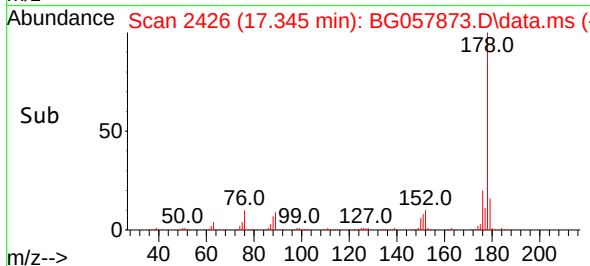


Tgt Ion:178 Resp: 695394
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 16.5 13.2 19.8

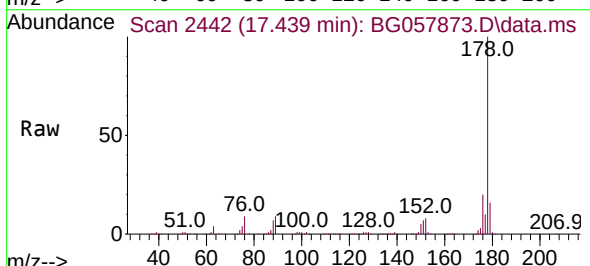
Manual Integrations

APPROVED

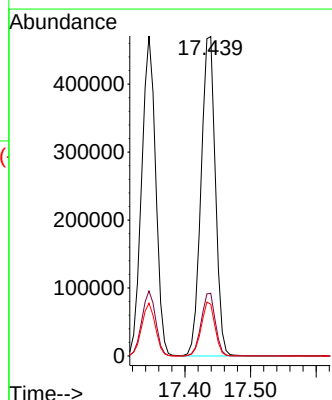
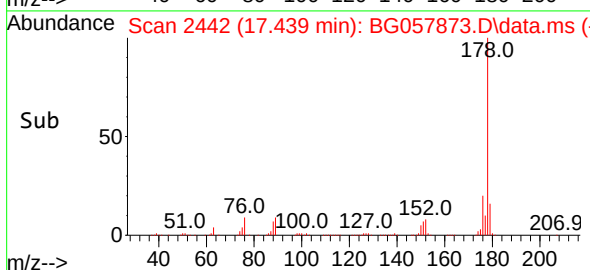
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

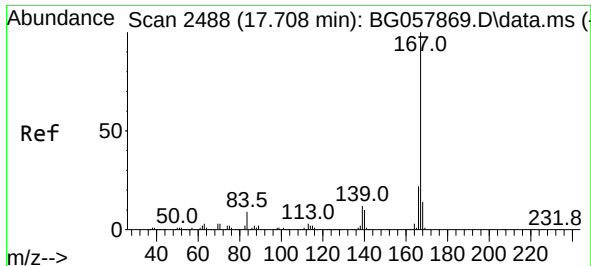


#72
Anthracene
Concen: 39.004 ng
RT: 17.439 min Scan# 2442
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:178 Resp: 714135
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.2 12.9 19.3





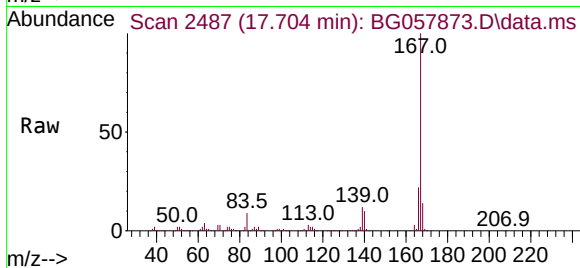
#73
 Carbazole
 Concen: 38.398 ng
 RT: 17.704 min Scan# 2488
 Delta R.T. -0.005 min
 Lab File: BG057873.D
 Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

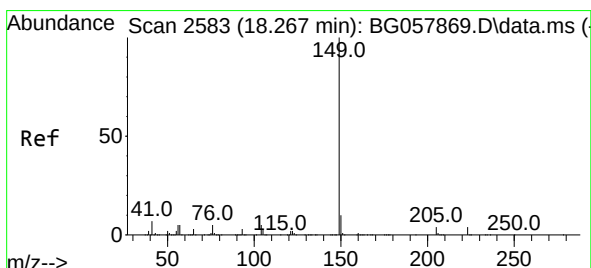
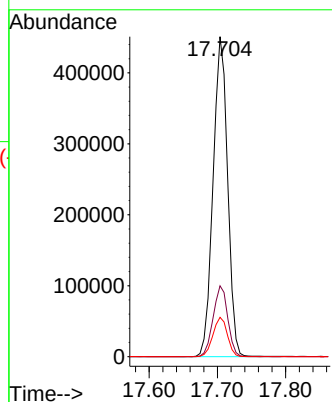
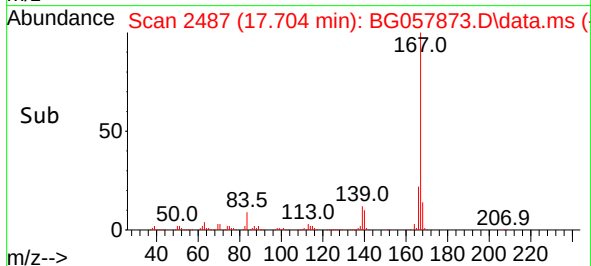


Tgt Ion:167 Resp: 668460
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.3 9.8 14.8

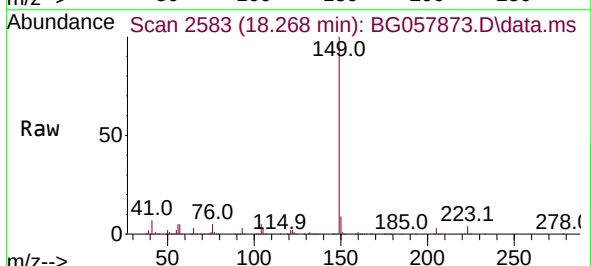
Manual Integrations

APPROVED

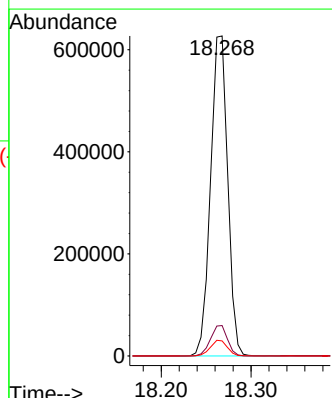
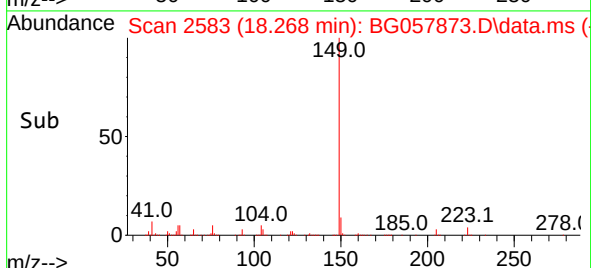
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

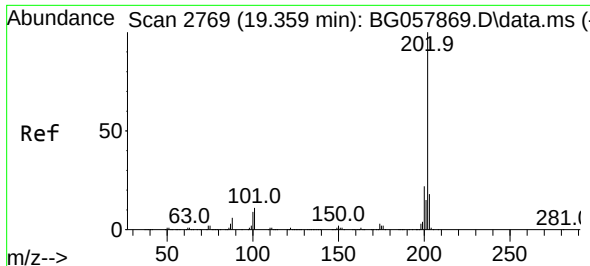


#74
 Di-n-butylphthalate
 Concen: 38.624 ng
 RT: 18.268 min Scan# 2583
 Delta R.T. 0.001 min
 Lab File: BG057873.D
 Acq: 27 Jun 2023 19:15



Tgt Ion:149 Resp: 831048
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.7 3.9 5.9





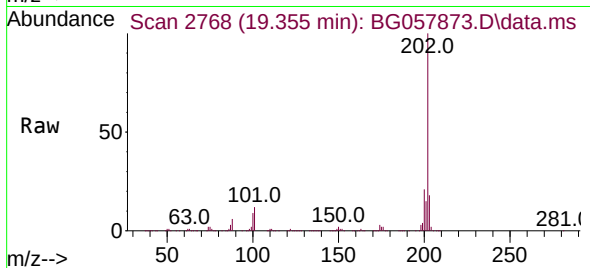
#75
Fluoranthene
Concen: 38.066 ng
RT: 19.355 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

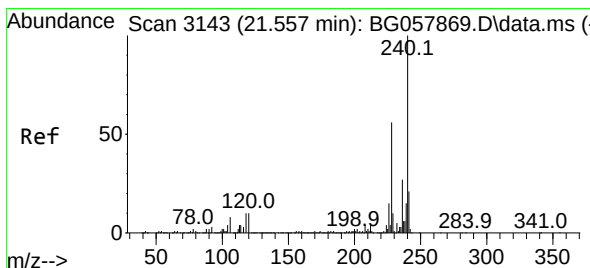
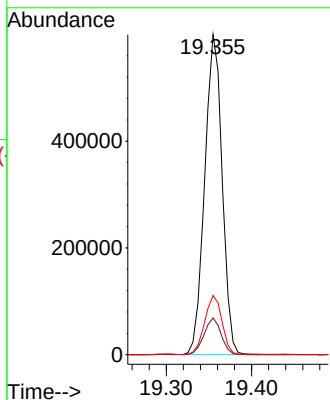
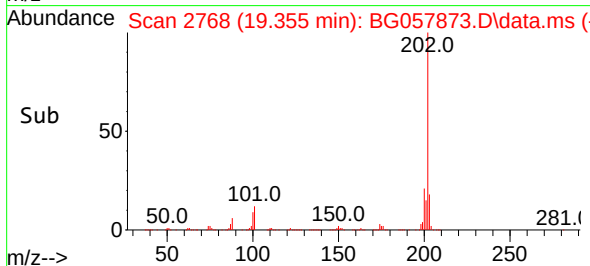


Tgt Ion:202 Resp: 851324
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 18.5 0.0 38.2

Manual Integrations

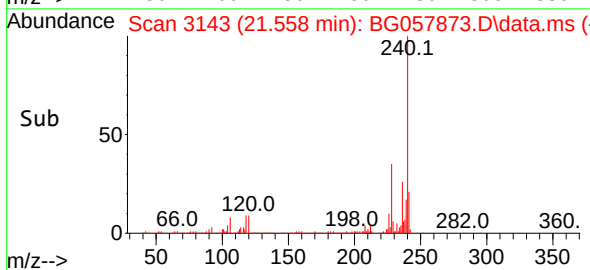
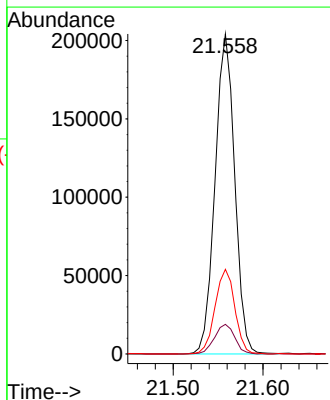
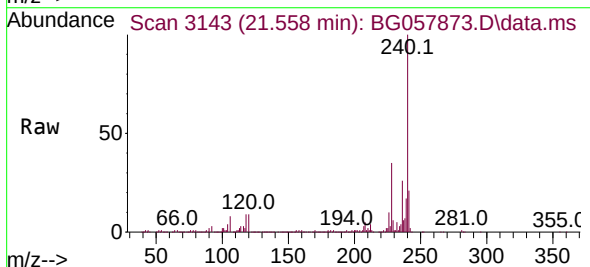
APPROVED

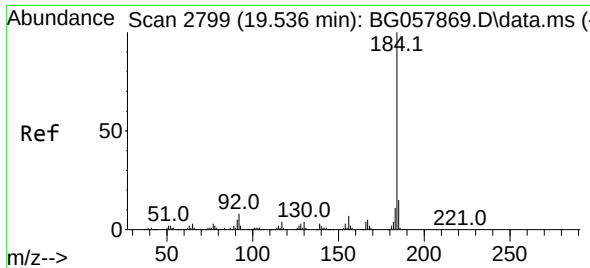
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.558 min Scan# 3143
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

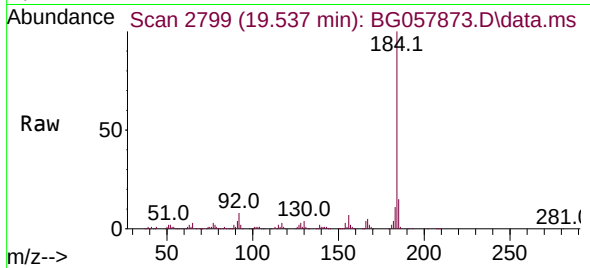
Tgt Ion:240 Resp: 309834
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 26.5 21.9 32.9





#77
Benzidine
Concen: 38.965 ng
RT: 19.537 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

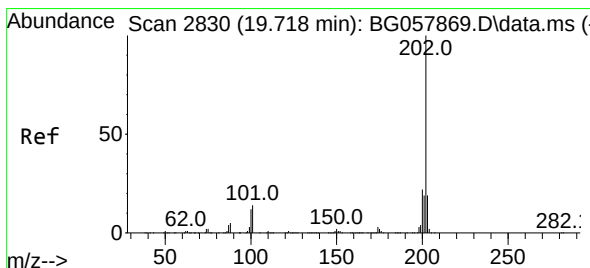
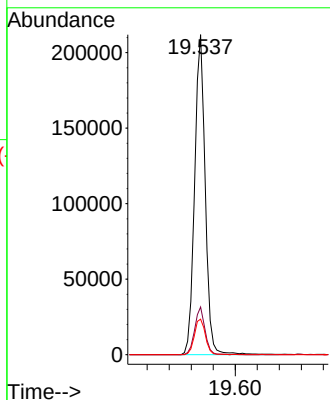
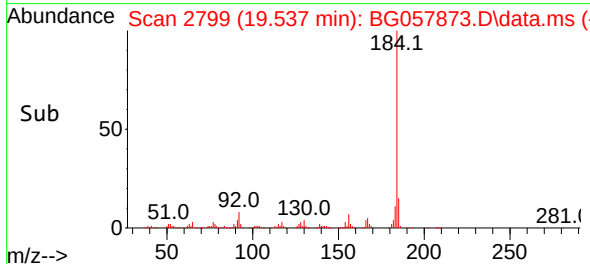
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



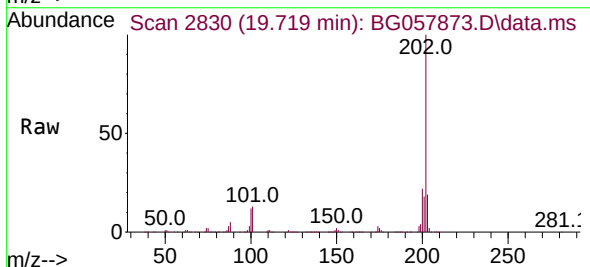
Tgt Ion:184 Resp: 283239
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.1 9.0 13.4

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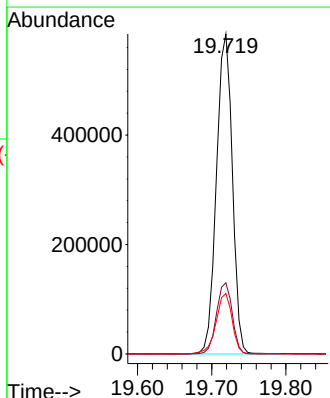
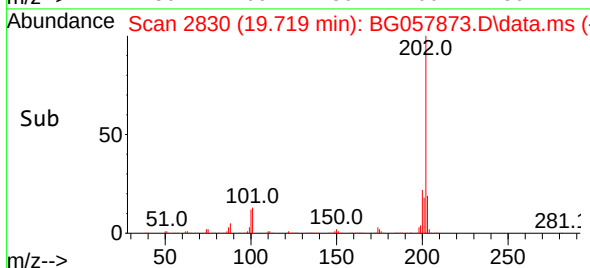
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

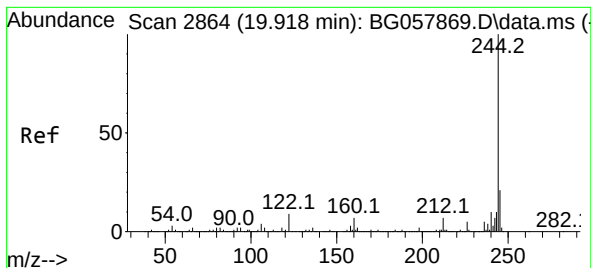


#78
Pyrene
Concen: 39.328 ng
RT: 19.719 min Scan# 2830
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15



Tgt Ion:202 Resp: 870069
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.9 15.2 22.8





#79

Terphenyl-d14

Concen: 77.299 ng

RT: 19.919 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG057873.D

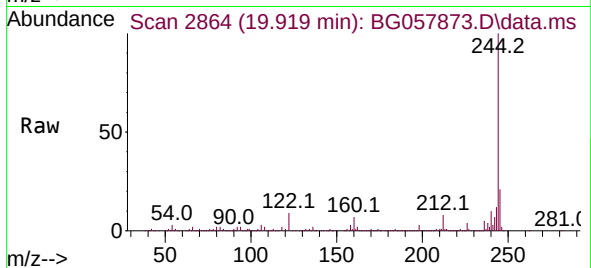
Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723



Tgt Ion:244 Resp: 1313690

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

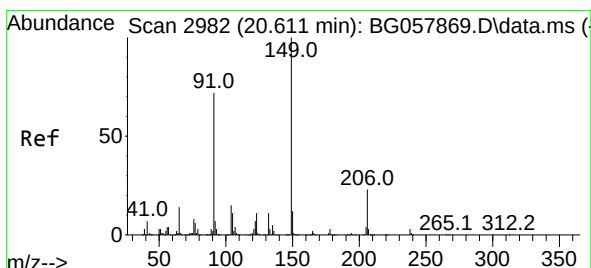
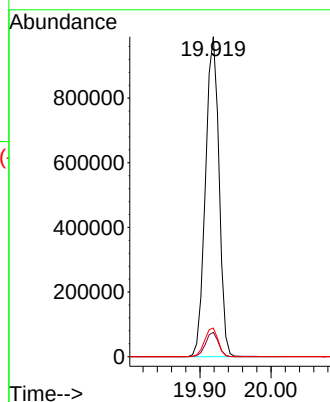
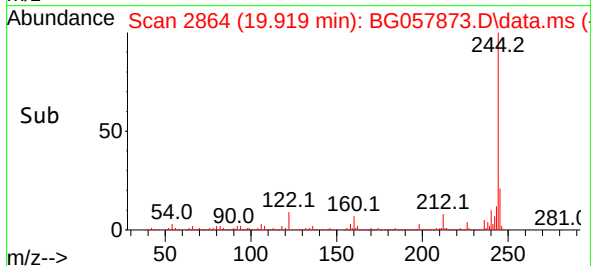
122 8.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#80

Butylbenzylphthalate

Concen: 39.895 ng

RT: 20.606 min Scan# 2981

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

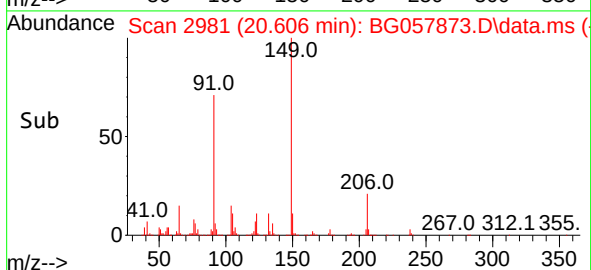
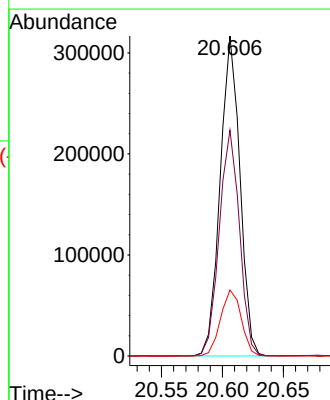
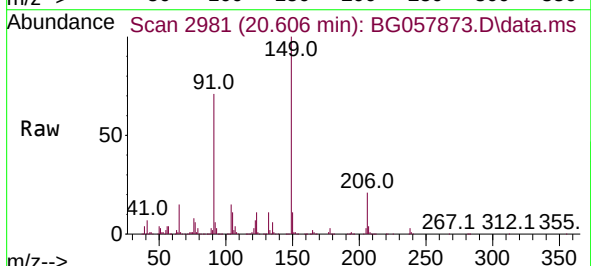
Tgt Ion:149 Resp: 357901

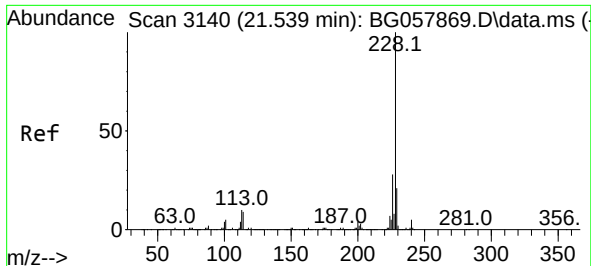
Ion Ratio Lower Upper

149 100

91 70.5 57.4 86.2

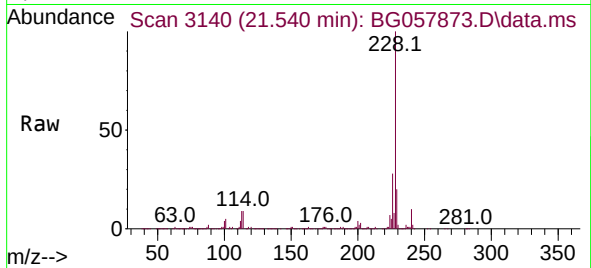
206 20.6 18.2 27.2





#81
Benzo(a)anthracene
Concen: 39.443 ng
RT: 21.540 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

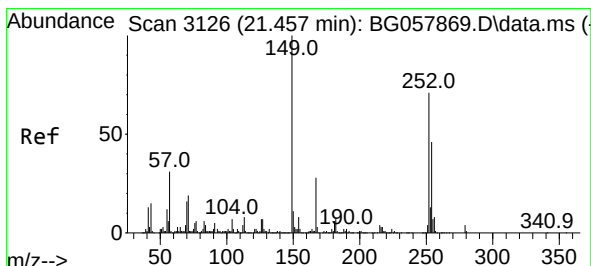
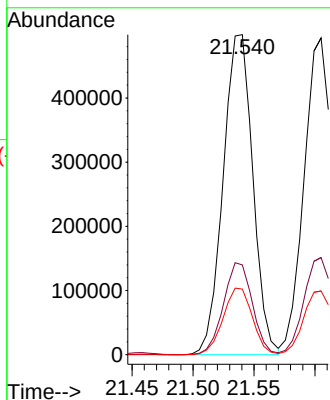
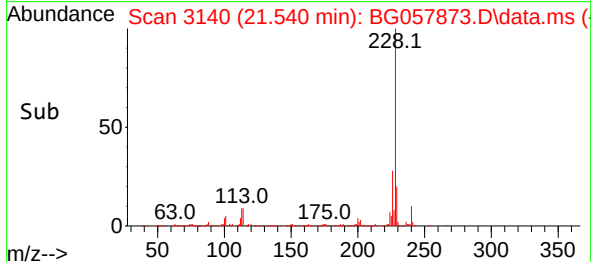
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:228 Resp: 845720
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.5 16.5 24.7

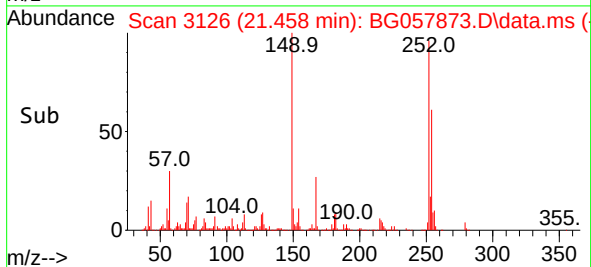
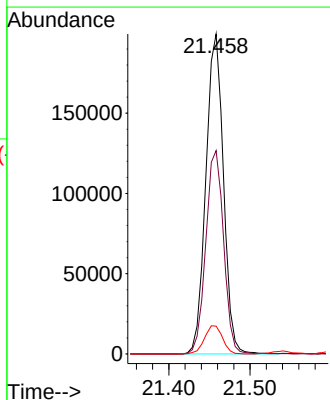
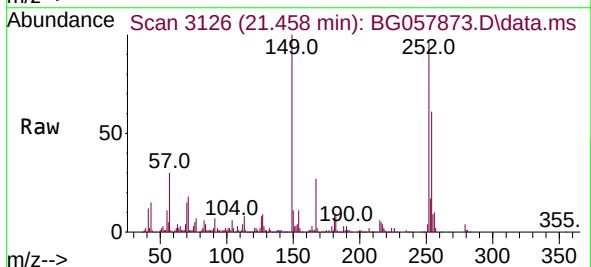
Manual Integrations
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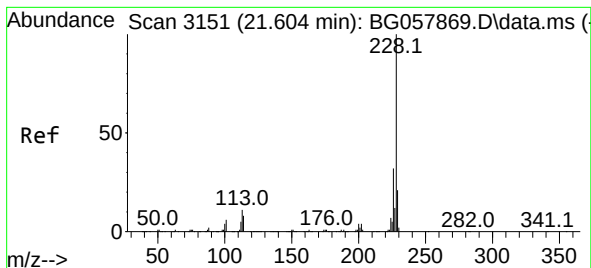
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.184 ng
RT: 21.458 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:252 Resp: 298951
Ion Ratio Lower Upper
252 100
254 63.5 51.5 77.3
126 8.7 7.4 11.2





#83

Chrysene

Concen: 39.730 ng

RT: 21.605 min Scan# 3151

Delta R.T. 0.001 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

Tgt Ion:228 Resp: 806338

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

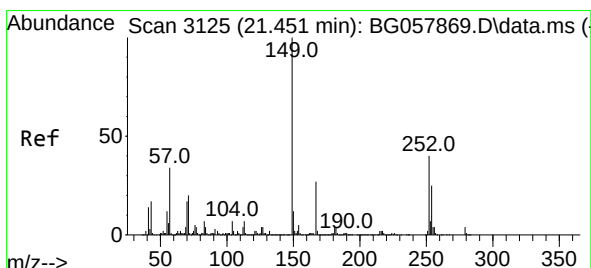
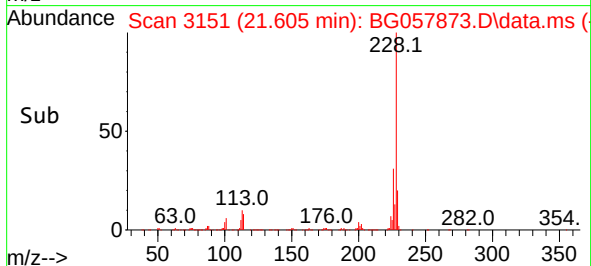
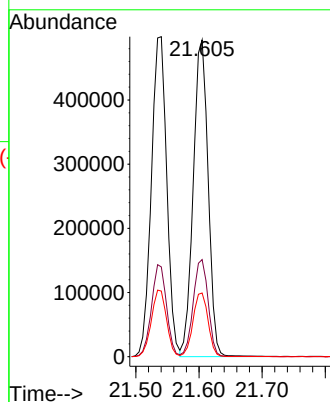
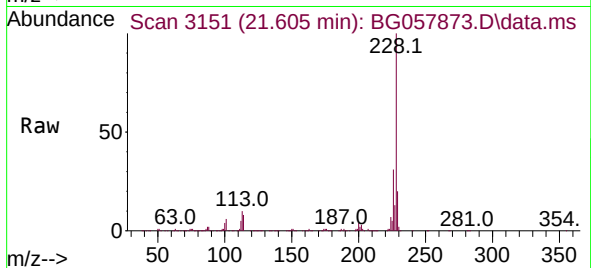
229 20.1 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.179 ng

RT: 21.446 min Scan# 3124

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

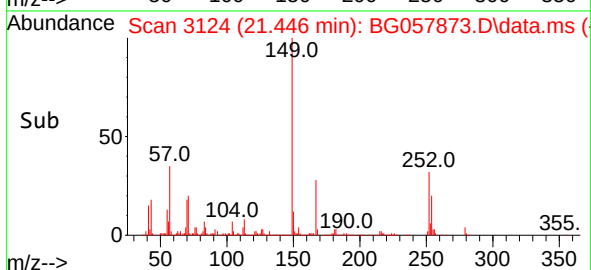
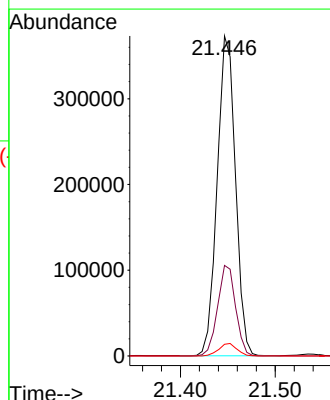
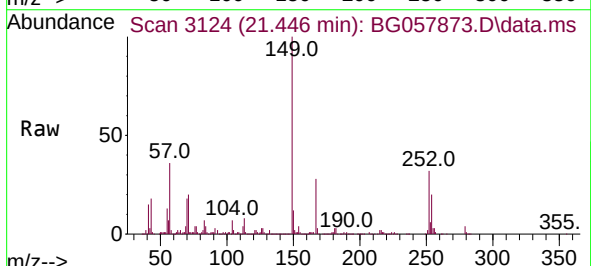
Tgt Ion:149 Resp: 499024

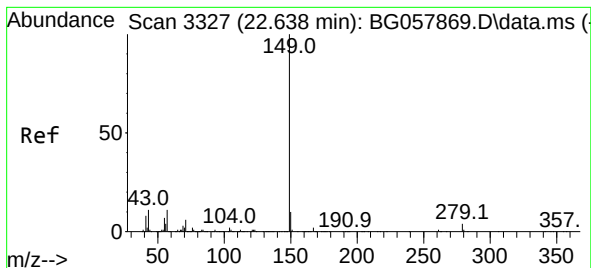
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

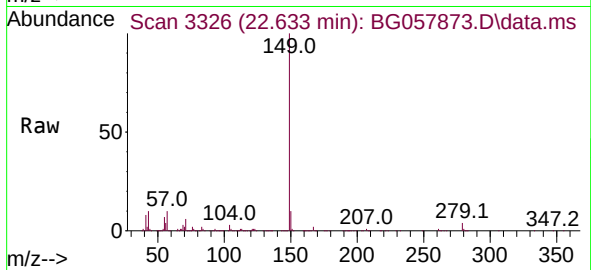
279 3.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 40.123 ng
RT: 22.633 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

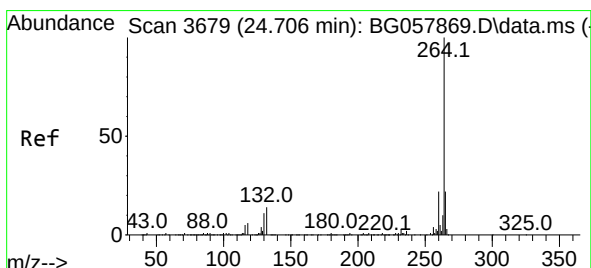
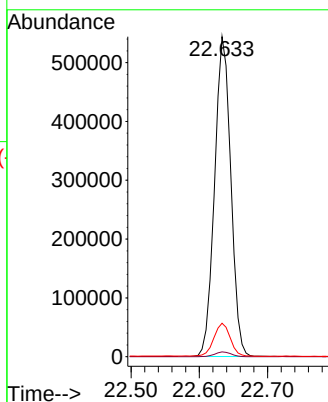
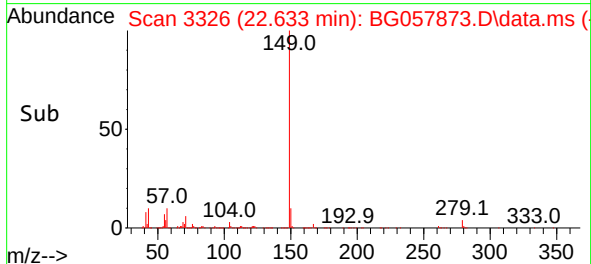
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:149 Resp: 90181
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.4 9.0 13.4

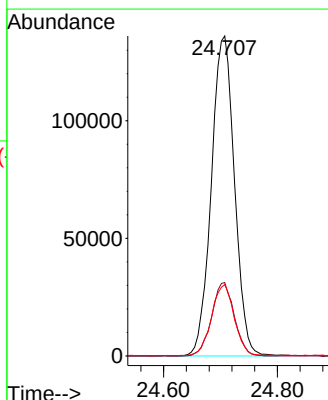
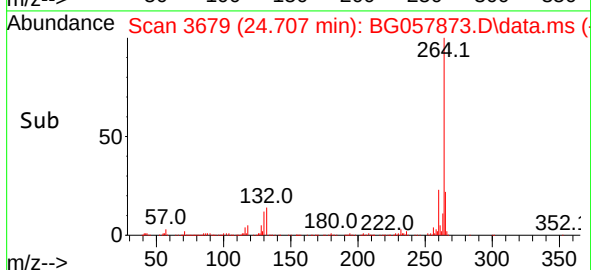
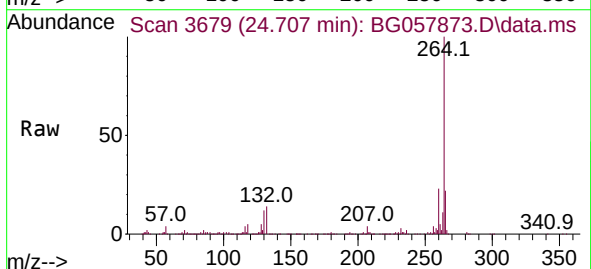
Manual Integrations
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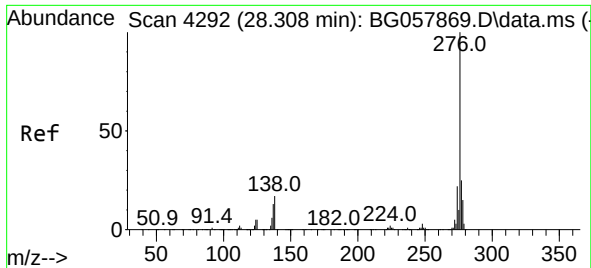
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.707 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

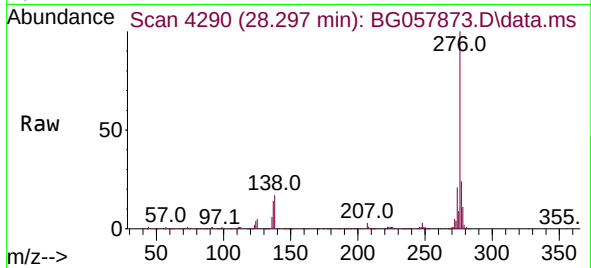
Tgt Ion:264 Resp: 384714
Ion Ratio Lower Upper
264 100
260 23.0 17.8 26.8
265 22.3 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.300 ng
RT: 28.297 min Scan# 4292
Delta R.T. -0.010 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

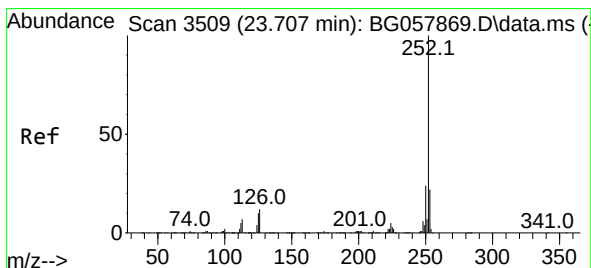
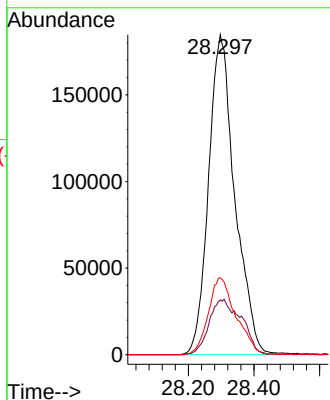
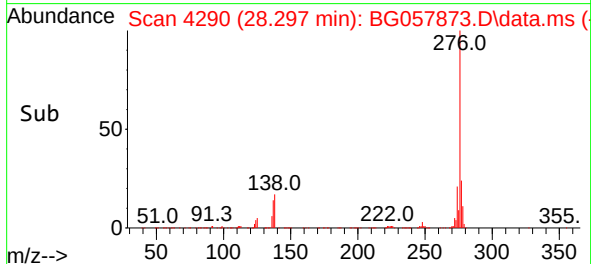
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:276 Resp: 102706
Ion Ratio Lower Upper
276 100
138 21.3 12.2 18.4
277 25.3 20.4 30.6

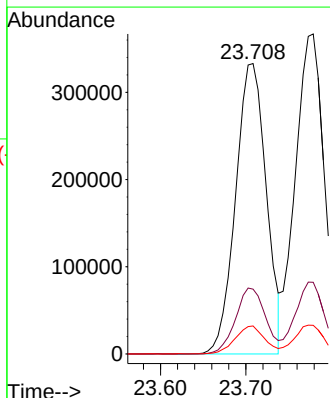
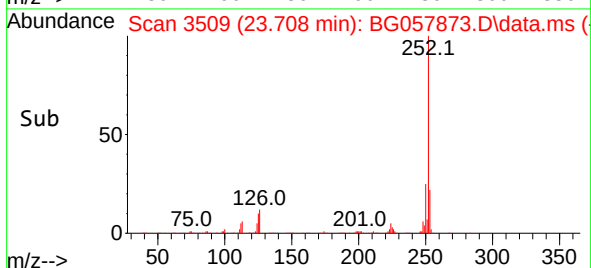
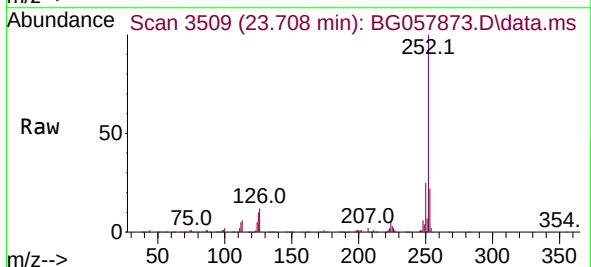
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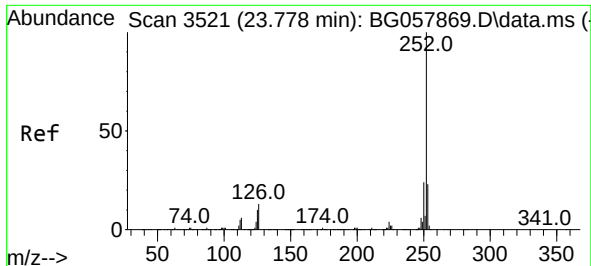
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#88
Benzo(b)fluoranthene
Concen: 39.630 ng
RT: 23.708 min Scan# 3509
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

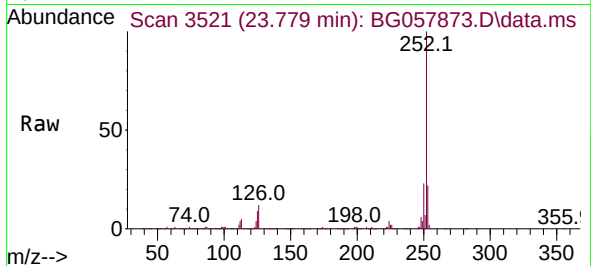
Tgt Ion:252 Resp: 831545
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.6 7.7 11.5





#89
Benzo(k)fluoranthene
Concen: 40.780 ng
RT: 23.779 min Scan# 3521
Delta R.T. 0.001 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

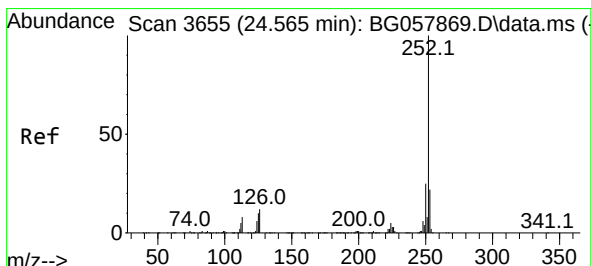
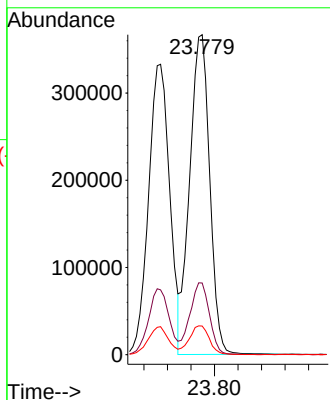
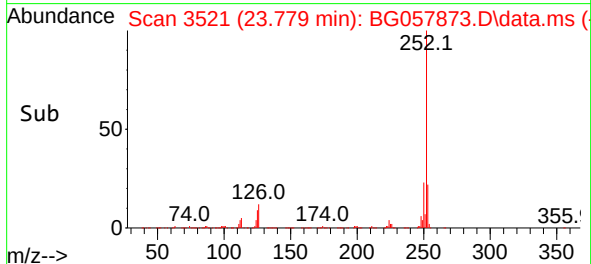
Instrument :
BNA_G
ClientSampleId :
ICVBG062723



Tgt Ion:252 Resp: 86482
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 8.9 7.8 11.6

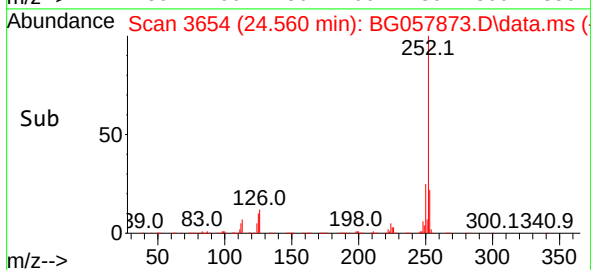
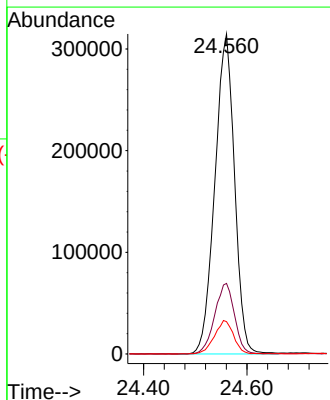
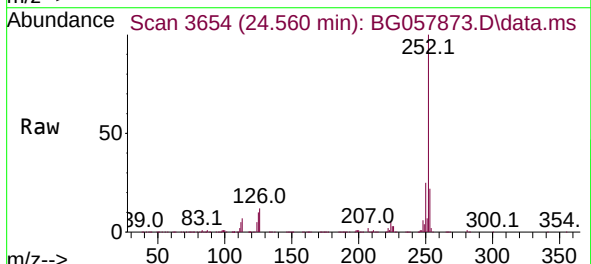
Manual Integrations
APPROVED

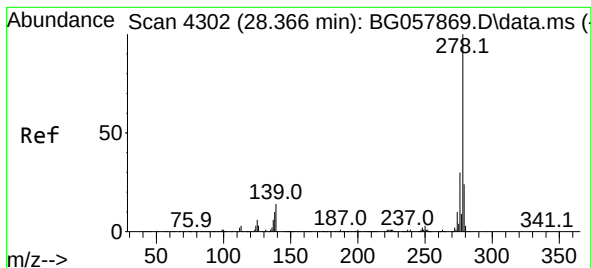
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(a)pyrene
Concen: 39.890 ng
RT: 24.560 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BG057873.D
Acq: 27 Jun 2023 19:15

Tgt Ion:252 Resp: 829138
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.1 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 40.392 ng

RT: 28.356 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

Tgt Ion:278 Resp: 853920

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

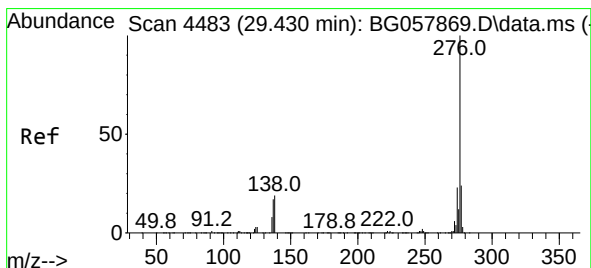
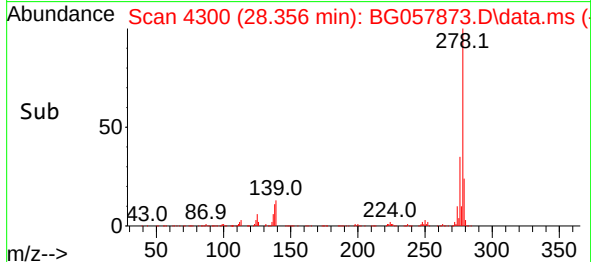
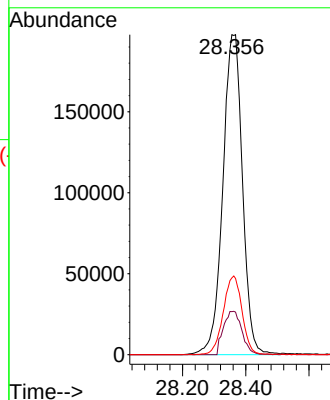
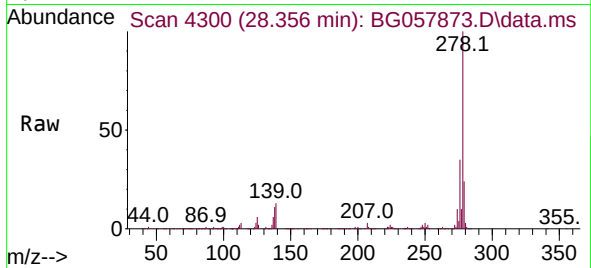
279 24.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#92

Benzo(g,h,i)perylene

Concen: 40.309 ng

RT: 29.425 min Scan# 4482

Delta R.T. -0.005 min

Lab File: BG057873.D

Acq: 27 Jun 2023 19:15

Tgt Ion:276 Resp: 846907

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 18.3 15.0 22.6

