

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
 Data File : BG057687.D
 Acq On : 12 Jun 2023 18:47
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 13 02:02:18 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 13 02:00:06 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	31134	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	124443	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	86113	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	199073	20.000	ng	0.00
76) Chrysene-d12	21.574	240	172729	20.000	ng	0.00
86) Perylene-d12	24.741	264	212075	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	157817	79.489	ng	0.00
7) Phenol-d6	7.097	99	224090	78.030	ng	0.00
23) Nitrobenzene-d5	9.107	82	188117	92.637	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	88873	84.615	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	446986	75.199	ng	0.00
79) Terphenyl-d14	19.935	244	711264	76.053	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	36707	38.834	ng	99
3) Pyridine	3.819	79	105308m	39.738	ng	
4) n-Nitrosodimethylamine	3.736	42	50955	39.727	ng	97
6) Aniline	7.268	93	138546	38.741	ng	98
8) 2-Chlorophenol	7.509	128	77241	39.965	ng	95
9) Benzaldehyde	7.080	77	69036	40.001	ng	99
10) Phenol	7.127	94	109999	39.019	ng	100
11) bis(2-Chloroethyl)ether	7.368	93	83350	39.198	ng	98
12) 1,3-Dichlorobenzene	7.832	146	81147	38.591	ng	96
13) 1,4-Dichlorobenzene	7.979	146	82149	39.153	ng	98
14) 1,2-Dichlorobenzene	8.296	146	78840	38.677	ng	98
15) Benzyl Alcohol	8.178	79	85809	40.312	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.478	45	179731	38.771	ng	97
17) 2-Methylphenol	8.378	107	78779	38.836	ng	98
18) Hexachloroethane	9.030	117	28947	40.551	ng	91
19) n-Nitroso-di-n-propyla...	8.748	70	73987	39.060	ng	95
20) 3+4-Methylphenols	8.707	107	108864	39.622	ng	98
22) Acetophenone	8.766	105	137830	39.555	ng	# 98
24) Nitrobenzene	9.148	77	97382	46.531	ng	94
25) Isophorone	9.665	82	210829	39.814	ng	99
26) 2-Nitrophenol	9.859	139	30340	46.646	ng	93
27) 2,4-Dimethylphenol	9.912	122	78329	40.523	ng	98
28) bis(2-Chloroethoxy)met...	10.152	93	112604	40.005	ng	98
29) 2,4-Dichlorophenol	10.387	162	75257	42.044	ng	98
30) 1,2,4-Trichlorobenzene	10.605	180	84470	38.946	ng	100
31) Naphthalene	10.799	128	260477	39.246	ng	99
32) Benzoic acid	10.035	122	47764	46.153	ng	90
33) 4-Chloroaniline	10.899	127	115285	39.253	ng	99
34) Hexachlorobutadiene	11.087	225	54785	39.239	ng	96
35) Caprolactam	11.668	113	25475	41.957	ng	98
36) 4-Chloro-3-methylphenol	12.015	107	93218	40.192	ng	97
37) 2-Methylnaphthalene	12.403	142	187561	39.542	ng	99
38) 1-Methylnaphthalene	12.620	142	172166	38.536	ng	99
40) 1,2,4,5-Tetrachloroben...	12.767	216	96892	38.053	ng	99
41) Hexachlorocyclopentadiene	12.749	237	52397	42.723	ng	100
43) 2,4,6-Trichlorophenol	13.002	196	65746	41.565	ng	95

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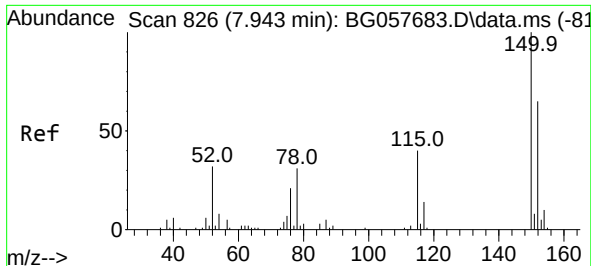
Quant Time: Jun 13 02:02:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 02:00:06 2023
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

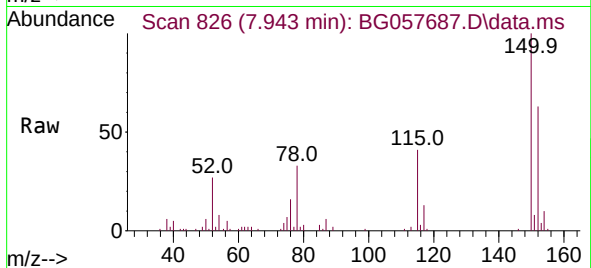
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	78610	41.689	ng	99
46) 1,1'-Biphenyl	13.413	154	231257	37.989	ng	97
47) 2-Chloronaphthalene	13.454	162	175324	37.767	ng	98
48) 2-Nitroaniline	13.648	65	60493	41.978	ng	98
49) Acenaphthylene	14.301	152	296759	38.019	ng	99
50) Dimethylphthalate	14.030	163	243982	38.384	ng	99
51) 2,6-Dinitrotoluene	14.148	165	45974	41.801	ng	98
52) Acenaphthene	14.641	154	181678	38.685	ng	99
53) 3-Nitroaniline	14.477	138	49326	40.763	ng	98
54) 2,4-Dinitrophenol	14.677	184	15824	45.111	ng	97
55) Dibenzofuran	14.976	168	293974	37.654	ng	98
56) 4-Nitrophenol	14.771	139	39771	41.237	ng	98
57) 2,4-Dinitrotoluene	14.929	165	59505	41.522	ng	# 98
58) Fluorene	15.623	166	228825	37.328	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	63877	42.287	ng	98
60) Diethylphthalate	15.399	149	252748	38.696	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	125596	37.944	ng	98
62) 4-Nitroaniline	15.640	138	50676	40.797	ng	96
63) Azobenzene	15.910	77	257858	37.639	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	25648	44.629	ng	92
66) n-Nitrosodiphenylamine	15.828	169	205253	38.805	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	83246	39.502	ng	99
68) Hexachlorobenzene	16.621	284	82826	39.256	ng	96
69) Atrazine	16.780	200	74090	40.436	ng	98
70) Pentachlorophenol	16.962	266	61433	44.908	ng	99
71) Phenanthrene	17.362	178	372311	38.274	ng	99
72) Anthracene	17.450	178	384942	38.805	ng	99
73) Carbazole	17.720	167	355912	38.612	ng	99
74) Di-n-butylphthalate	18.290	149	440695	40.025	ng	99
75) Fluoranthene	19.371	202	460513	38.719	ng	98
77) Benzidine	19.553	184	181411	41.372	ng	100
78) Pyrene	19.735	202	471679	38.582	ng	99
80) Butylbenzylphthalate	20.628	149	183972	42.991	ng	98
81) Benzo(a)anthracene	21.557	228	458107	38.175	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	157919	39.744	ng	99
83) Chrysene	21.621	228	434075	38.136	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	268689	41.035	ng	99
85) Di-n-octyl phthalate	22.679	149	467413	42.267	ng	100
87) Indeno(1,2,3-cd)pyrene	28.349	276	532219	38.750	ng	99
88) Benzo(b)fluoranthene	23.737	252	451146	39.090	ng	100
89) Benzo(k)fluoranthene	23.807	252	450677	38.325	ng	98
90) Benzo(a)pyrene	24.594	252	441268	38.910	ng	99
91) Dibenzo(a,h)anthracene	28.425	278	440477	38.449	ng	99
92) Benzo(g,h,i)perylene	29.483	276	436618	38.602	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

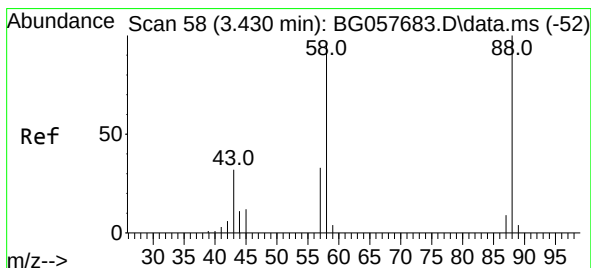
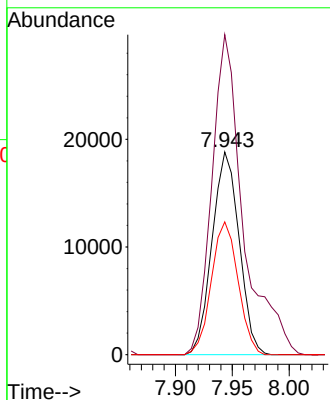
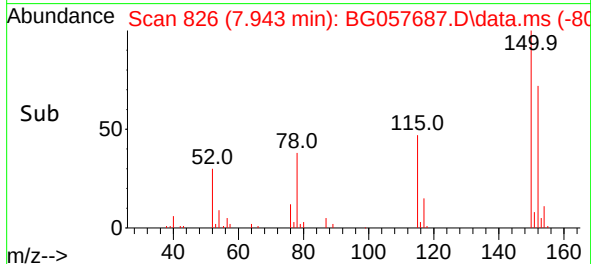
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



Tgt Ion:152 Resp: 31134
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 65.5 49.3 73.9

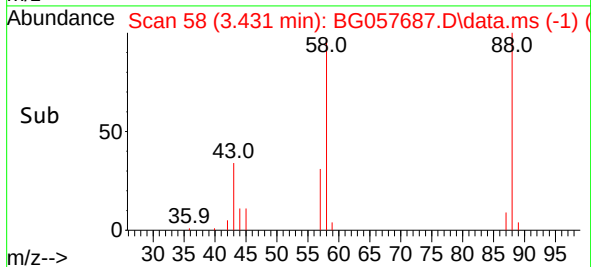
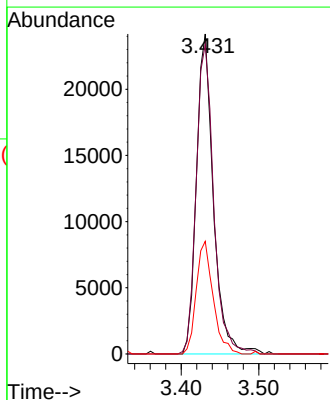
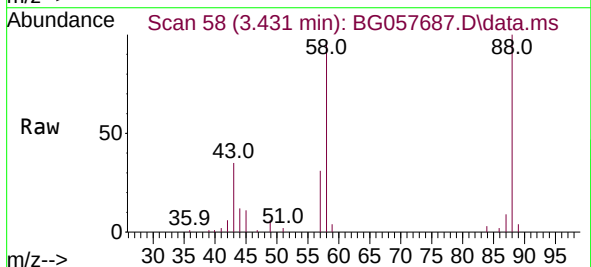
Manual Integrations
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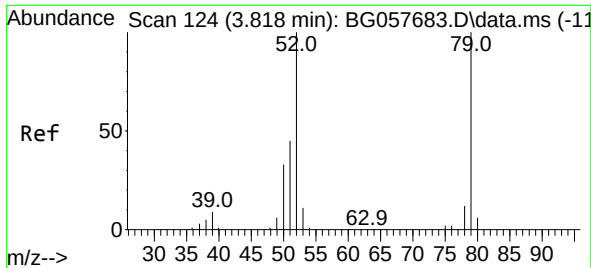
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#2
1,4-Dioxane
Concen: 38.834 ng
RT: 3.431 min Scan# 58
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

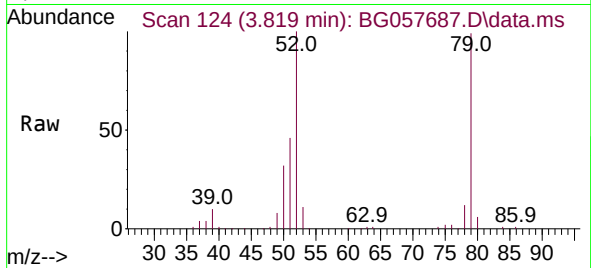
Tgt Ion: 88 Resp: 36707
Ion Ratio Lower Upper
88 100
58 99.5 79.0 118.6
43 35.1 26.6 39.8





#3
Pyridine
Concen: 39.738 ng m
RT: 3.819 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

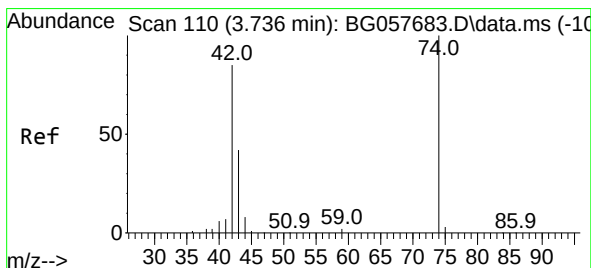
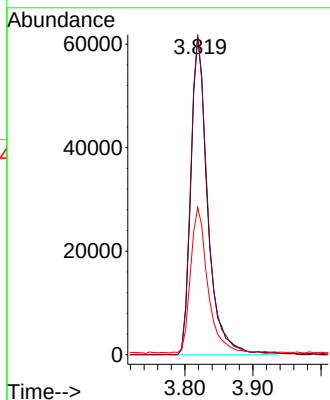
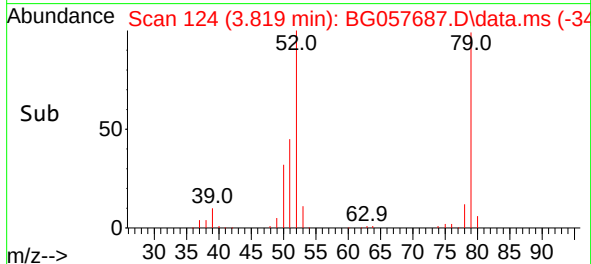
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



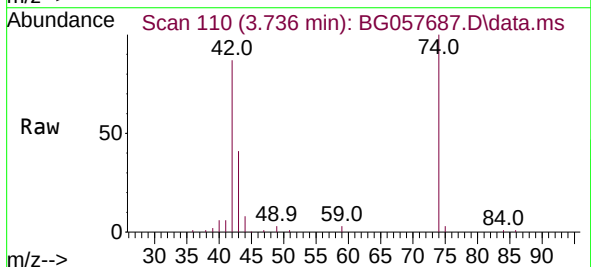
Tgt Ion: 79 Resp: 105308
Ion Ratio Lower Upper
79 100
52 100.7 80.3 120.5
51 46.3 36.4 54.6

Manual Integrations
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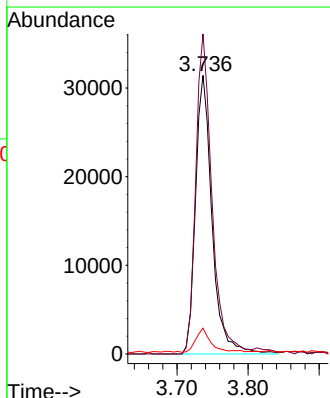
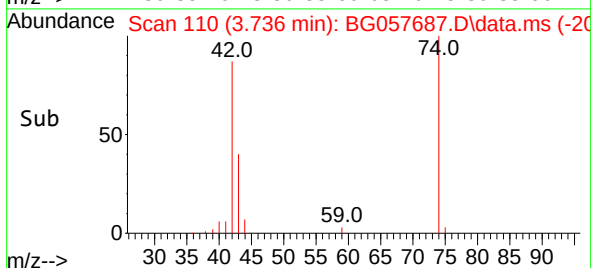
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

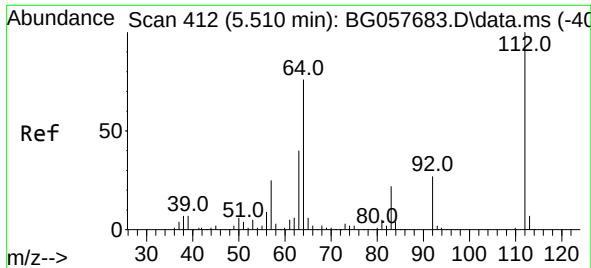


#4
n-Nitrosodimethylamine
Concen: 39.727 ng
RT: 3.736 min Scan# 110
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion: 42 Resp: 50955
Ion Ratio Lower Upper
42 100
74 114.9 94.4 141.6
44 9.2 7.7 11.5





#5
2-Fluorophenol
Concen: 79.489 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

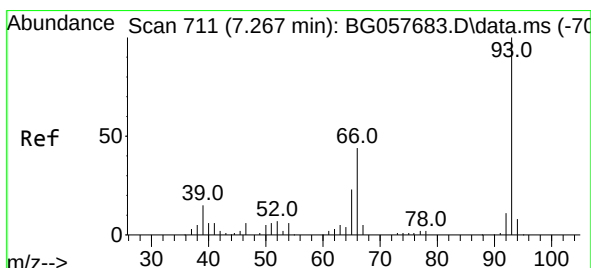
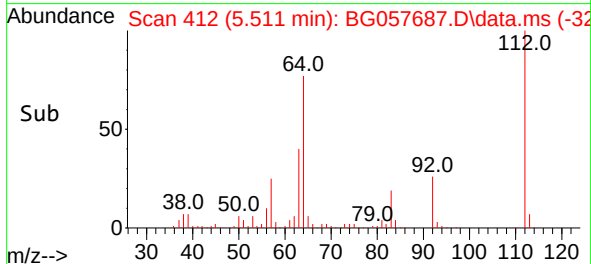
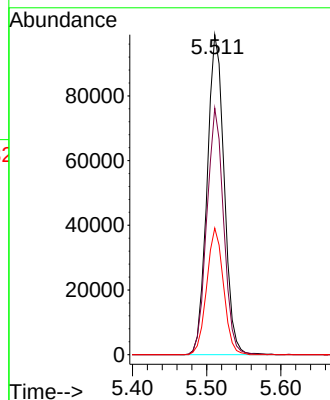
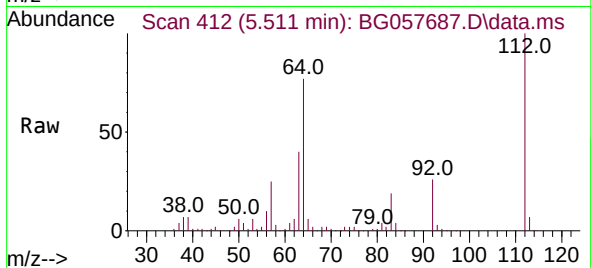
ICVBG061223

Tgt Ion:112 Resp: 15781
Ion Ratio Lower Upper
112 100
64 77.1 61.0 91.4
63 39.6 31.8 47.8

Manual Integrations

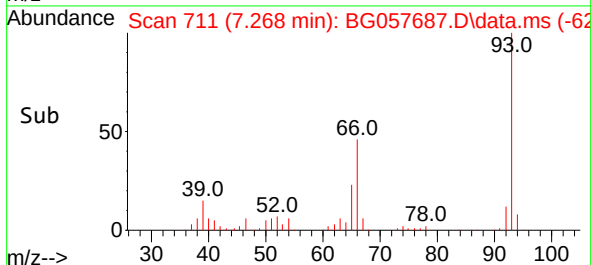
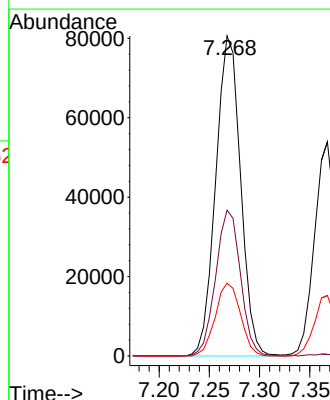
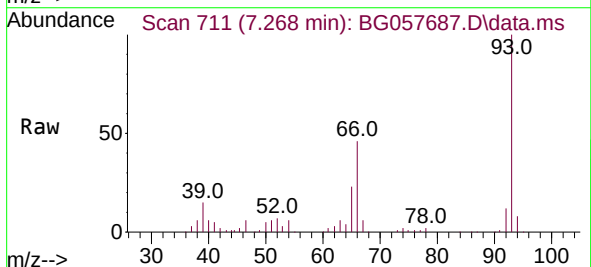
APPROVED

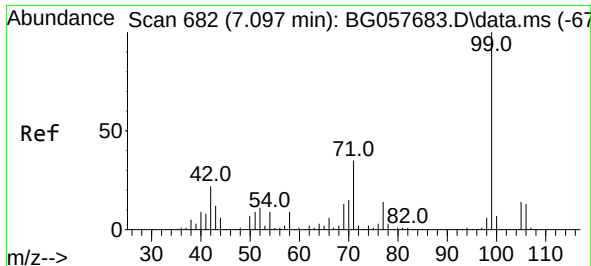
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#6
Aniline
Concen: 38.741 ng
RT: 7.268 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

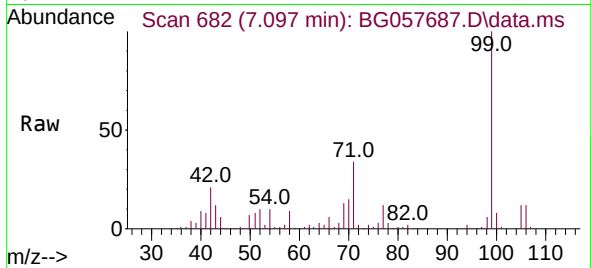
Tgt Ion: 93 Resp: 138546
Ion Ratio Lower Upper
93 100
66 45.6 35.3 52.9
65 22.8 18.2 27.4





#7
Phenol-d6
Concen: 78.030 ng
RT: 7.097 min Scan# 682
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

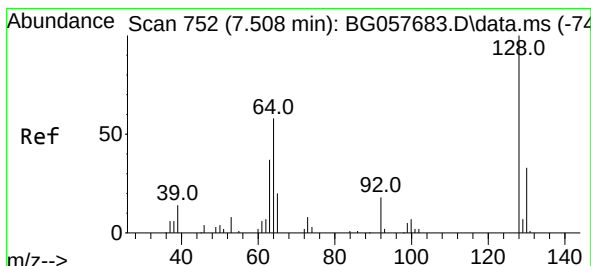
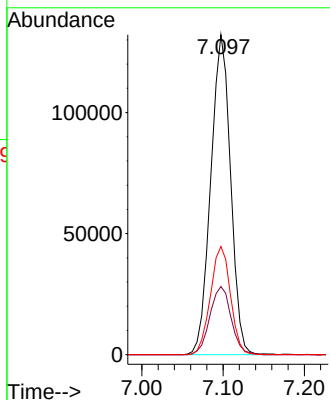
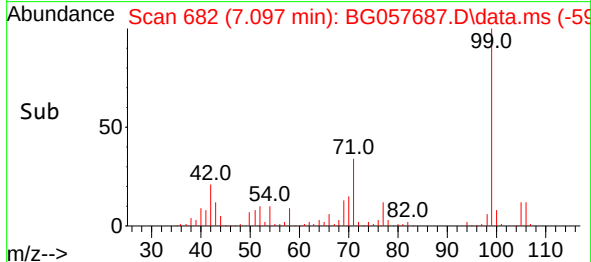
Instrument :
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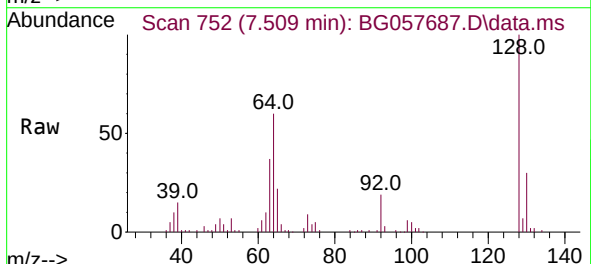
Tgt Ion: 99 Resp: 224090
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 33.8 28.3 42.5

Manual Integrations
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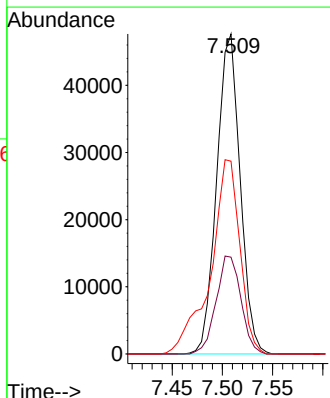
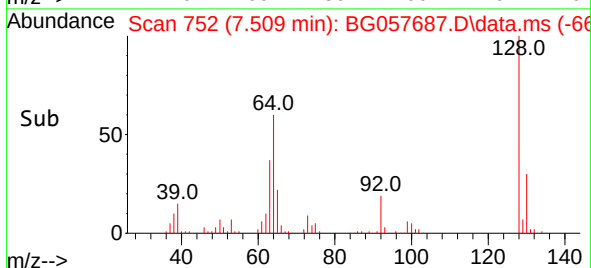
Reviewed By :Yogesh Patel 06/13/2023
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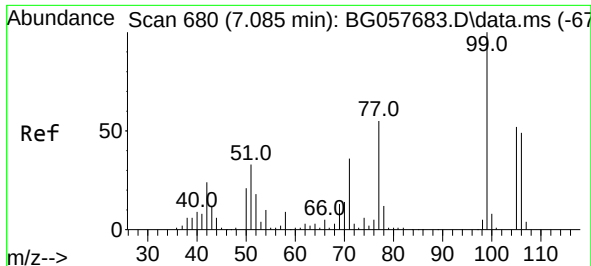


#8
2-Chlorophenol
Concen: 39.965 ng
RT: 7.509 min Scan# 752
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:128 Resp: 77241
Ion Ratio Lower Upper
128 100
130 30.3 13.3 53.3
64 60.2 43.9 83.9





#9
Benzaldehyde
Concen: 40.001 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

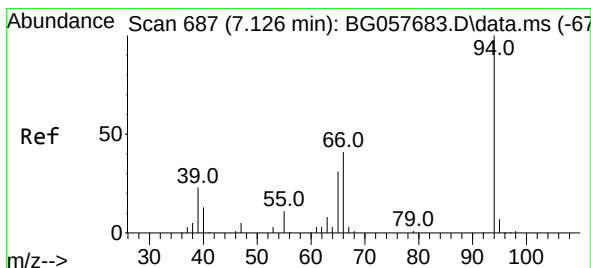
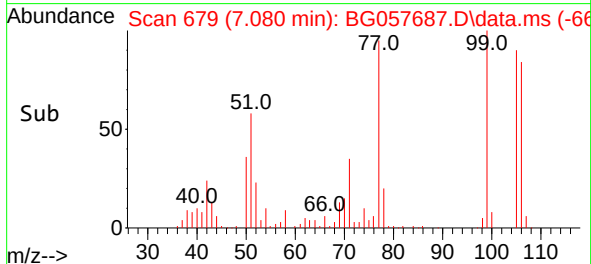
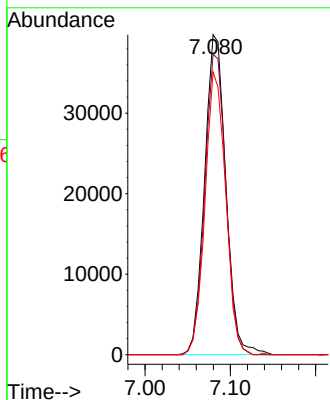
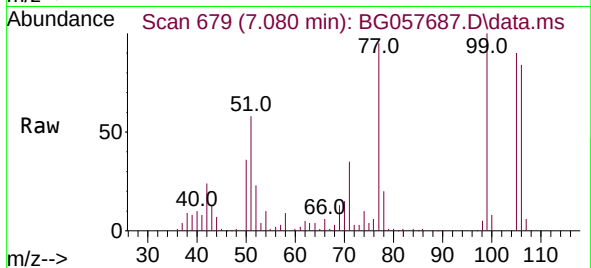
ICVBG061223

Tgt Ion: 77 Resp: 69030
Ion Ratio Lower Upper
77 100
105 93.9 74.7 114.7
106 88.4 68.8 108.8

Manual Integrations

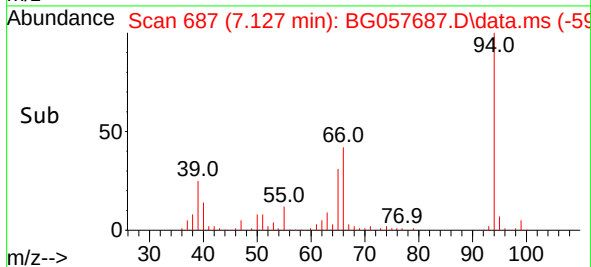
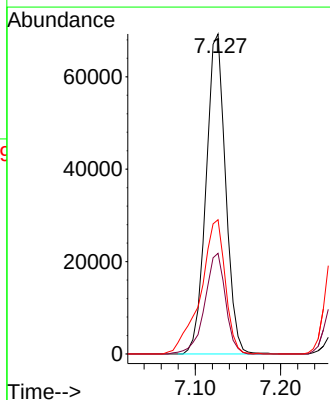
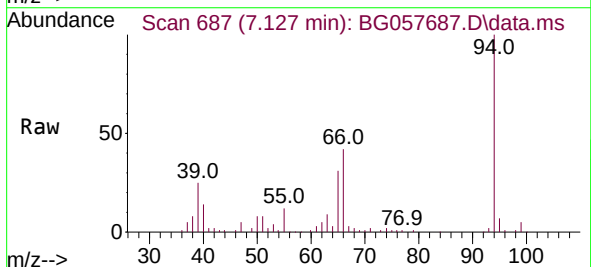
APPROVED

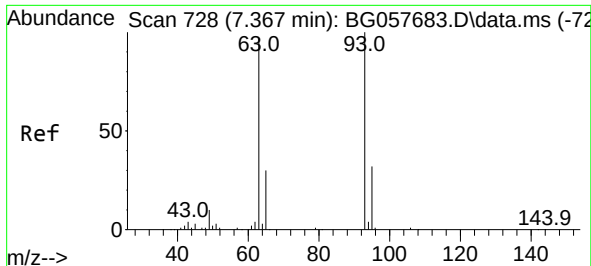
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#10
Phenol
Concen: 39.019 ng
RT: 7.127 min Scan# 687
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

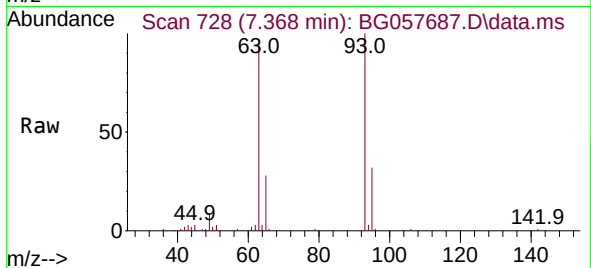
Tgt Ion: 94 Resp: 109999
Ion Ratio Lower Upper
94 100
65 31.5 11.6 51.6
66 41.9 21.9 61.9





#11
bis(2-Chloroethyl)ether
Concen: 39.198 ng
RT: 7.368 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

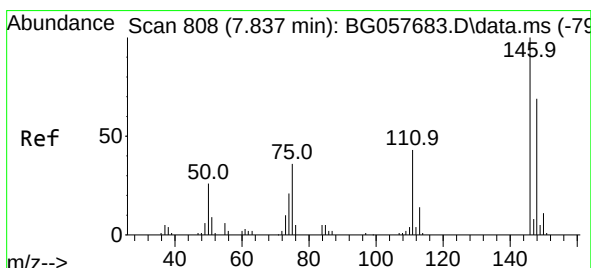
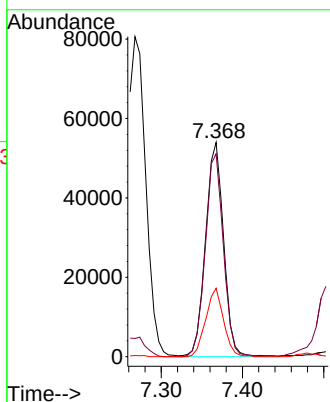
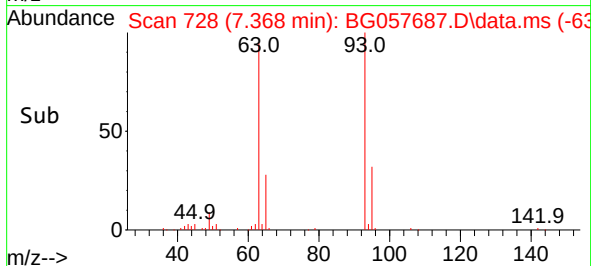
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



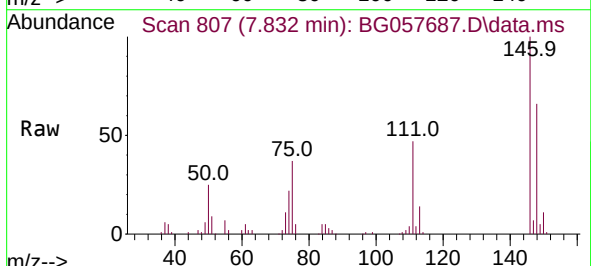
Tgt Ion: 93 Resp: 83350
Ion Ratio Lower Upper
93 100
63 94.7 76.6 116.6
95 32.0 11.8 51.8

Manual Integrations
APPROVED

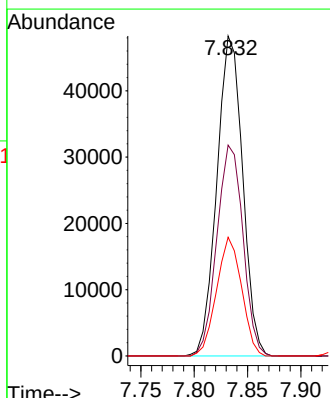
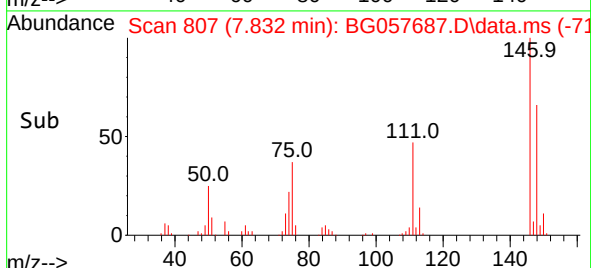
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

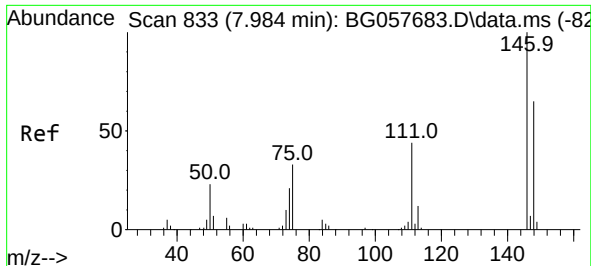


#12
1,3-Dichlorobenzene
Concen: 38.591 ng
RT: 7.832 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:146 Resp: 81147
Ion Ratio Lower Upper
146 100
148 65.9 55.3 82.9
75 37.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.153 ng

RT: 7.979 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

Tgt Ion:146 Resp: 82149

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

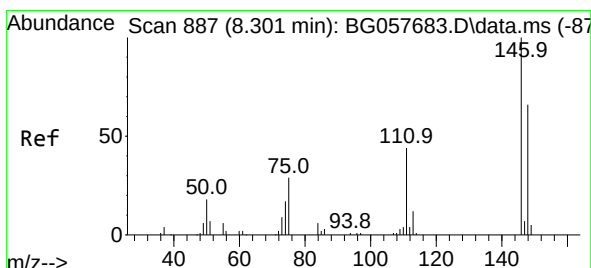
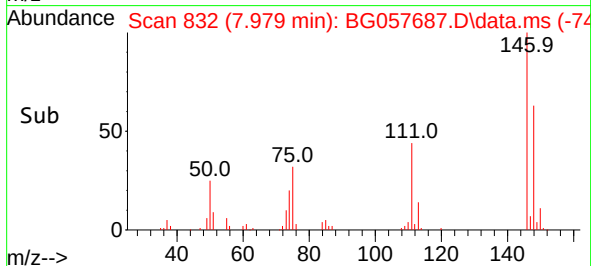
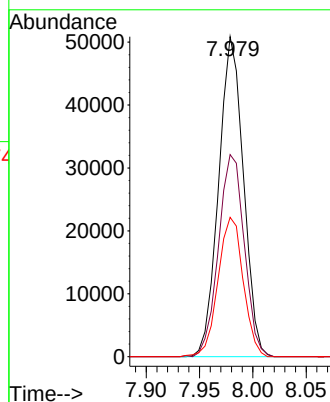
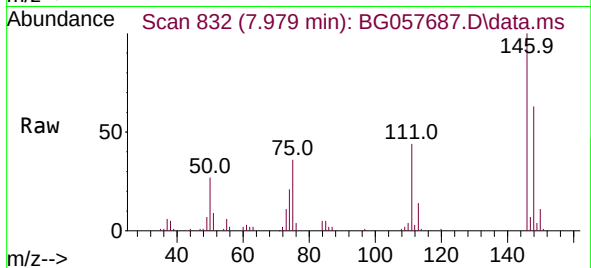
111 43.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#14

1,2-Dichlorobenzene

Concen: 38.677 ng

RT: 8.296 min Scan# 886

Delta R.T. -0.005 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

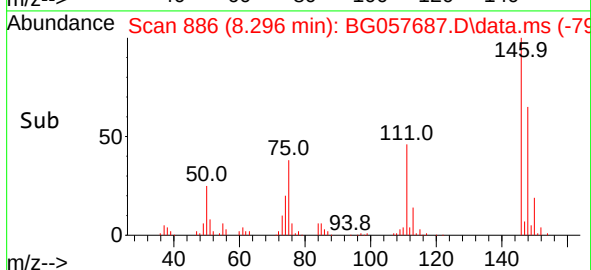
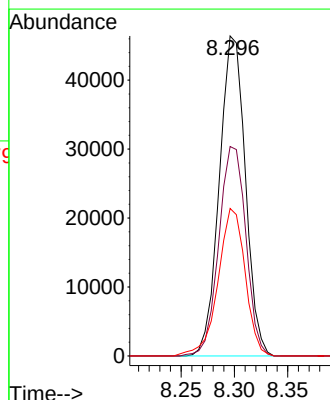
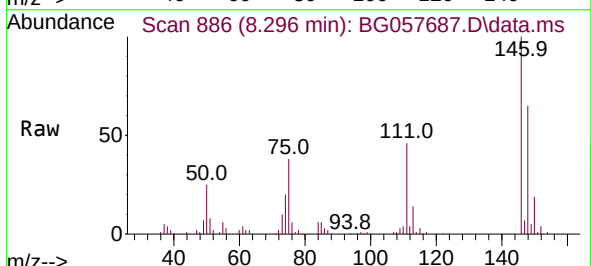
Tgt Ion:146 Resp: 78840

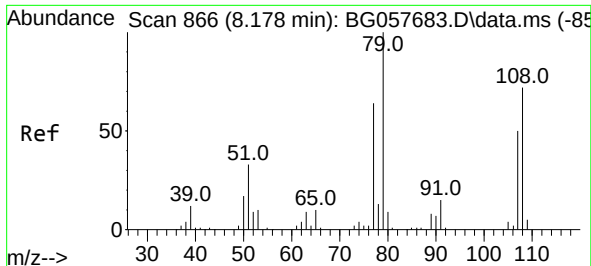
Ion Ratio Lower Upper

146 100

148 65.4 53.1 79.7

111 46.1 35.8 53.8





#15
Benzyl Alcohol
Concen: 40.312 ng
RT: 8.178 min Scan# 866
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

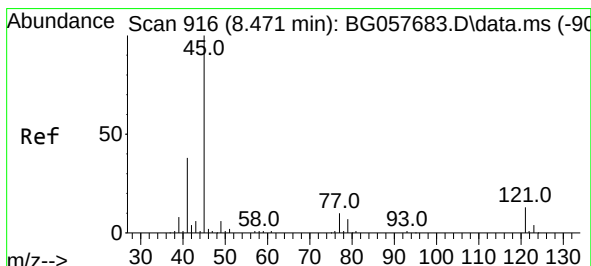
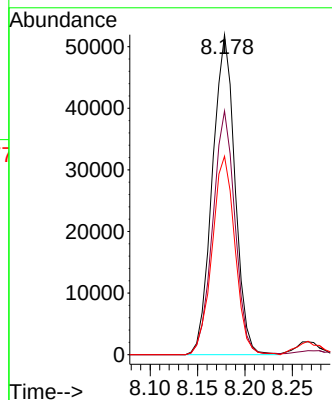
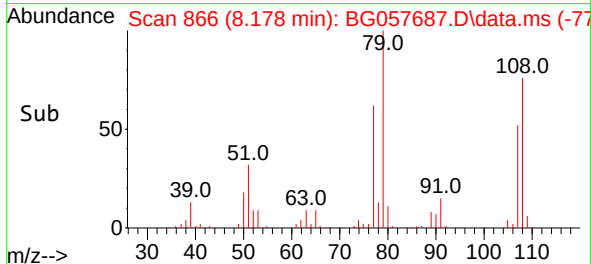
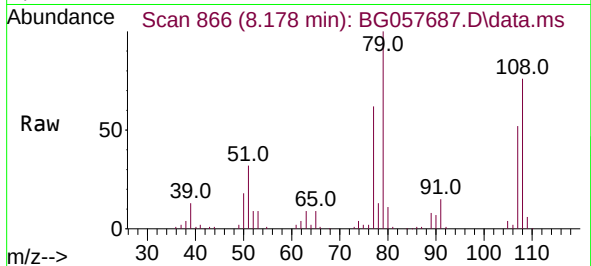
ClientSampleId :

ICVBG061223

Tgt Ion: 79 Resp: 85809
Ion Ratio Lower Upper
79 100
108 76.2 57.4 86.2
77 62.0 51.4 77.2

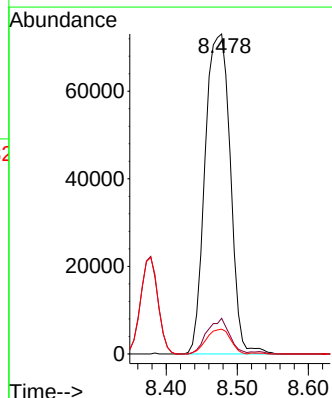
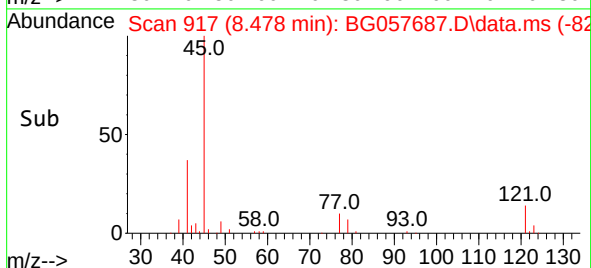
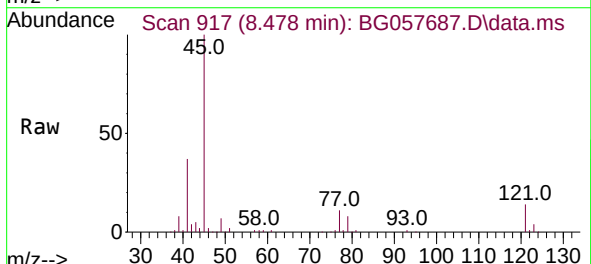
Manual Integrations
APPROVED

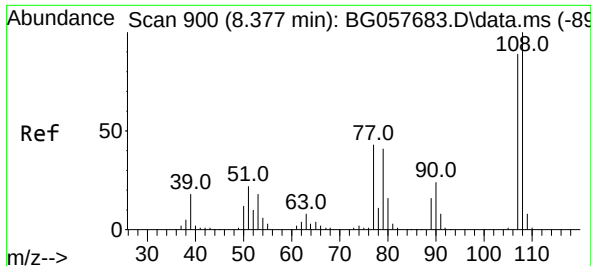
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.771 ng
RT: 8.478 min Scan# 917
Delta R.T. 0.007 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion: 45 Resp: 179731
Ion Ratio Lower Upper
45 100
77 11.1 0.0 29.6
79 7.8 0.0 27.1





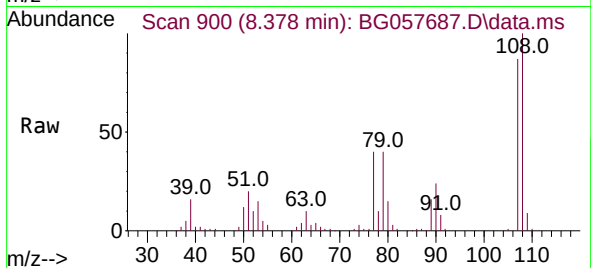
#17
2-Methylphenol
Concen: 38.836 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223



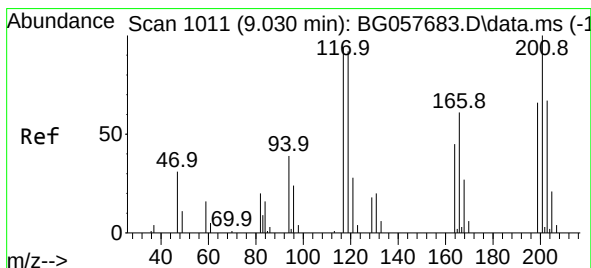
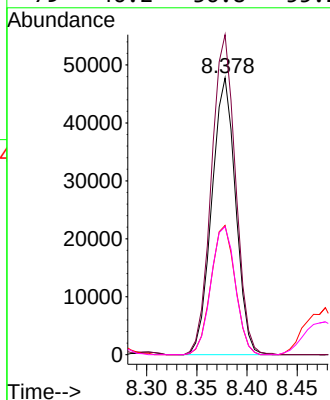
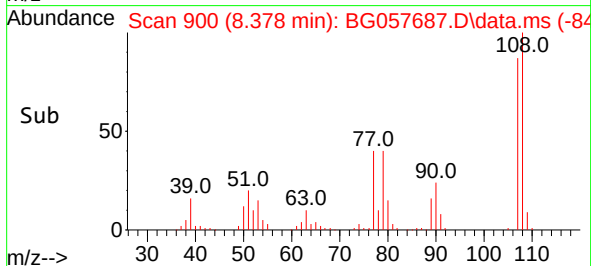
Tgt Ion:107 Resp: 78779
Ion Ratio Lower Upper
107 100
108 115.6 90.4 135.6
77 46.7 38.8 58.2
79 46.2 36.8 55.2

Manual Integrations

APPROVED

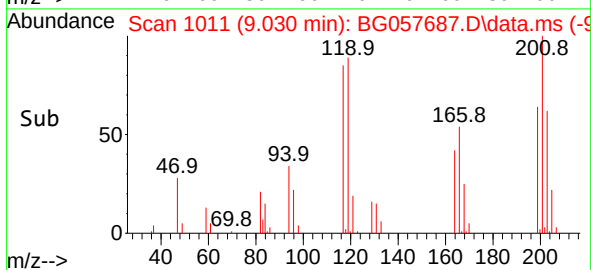
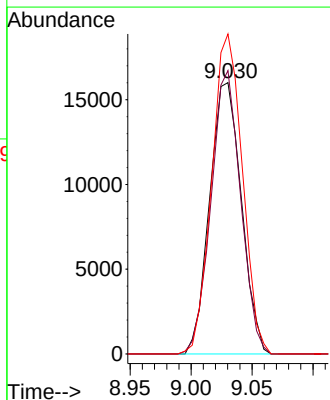
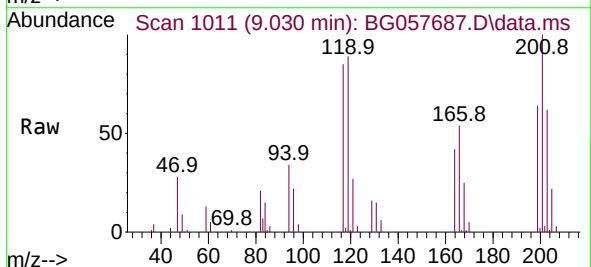
Reviewed By :Yogesh Patel 06/13/2023

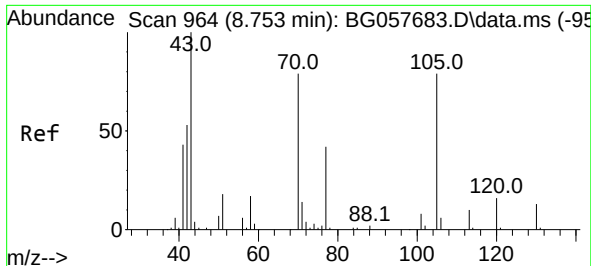
Supervised By :mohammad ahmed 06/13/2023



#18
Hexachloroethane
Concen: 40.551 ng
RT: 9.030 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:117 Resp: 28947
Ion Ratio Lower Upper
117 100
119 104.4 78.2 117.2
201 117.9 85.3 127.9





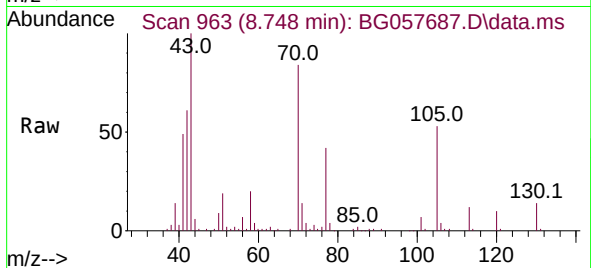
#19
n-Nitroso-di-n-propylamine
Concen: 39.060 ng
RT: 8.748 min Scan# 964
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

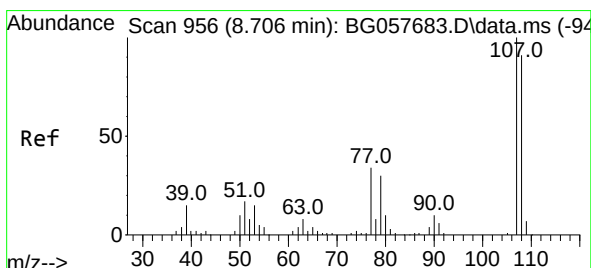
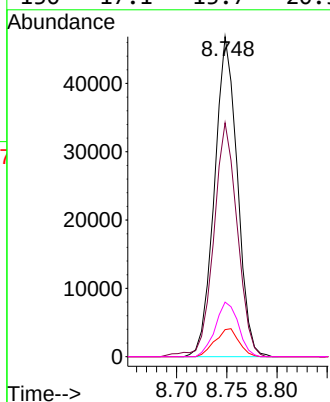
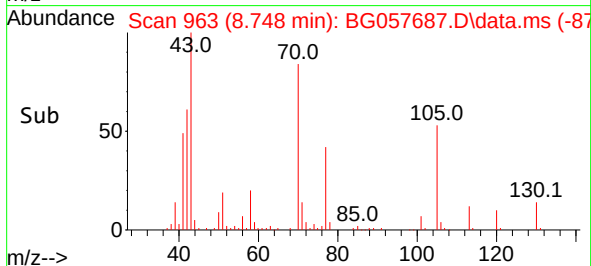


Tgt Ion: 70 Resp: 7398
Ion Ratio Lower Upper
70 100
42 73.1 54.3 81.5
101 8.4 7.7 11.5
130 17.1 13.7 20.5

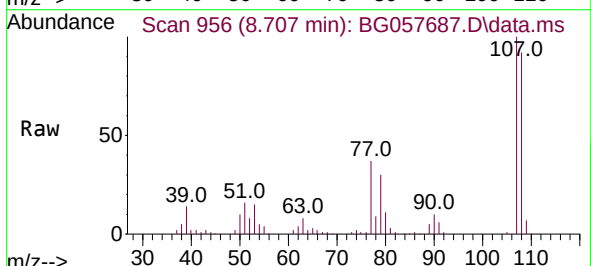
Manual Integrations

APPROVED

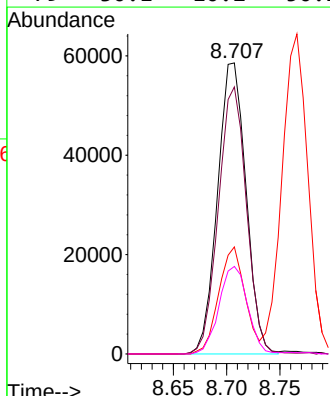
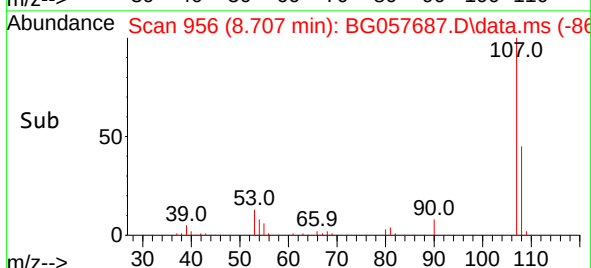
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

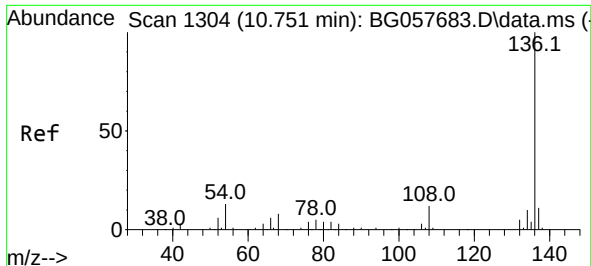


#20
3+4-Methylphenols
Concen: 39.622 ng
RT: 8.707 min Scan# 956
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:107 Resp: 108864
Ion Ratio Lower Upper
107 100
108 91.8 70.7 110.7
77 36.8 13.6 53.6
79 30.1 10.2 50.2





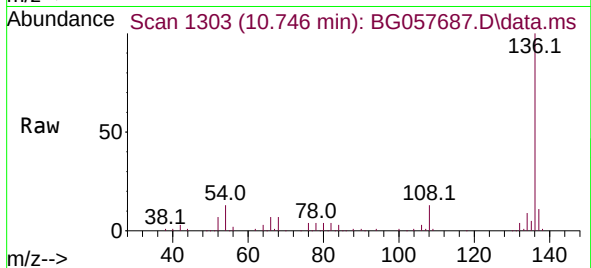
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223



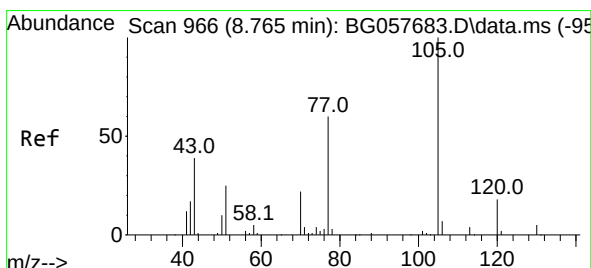
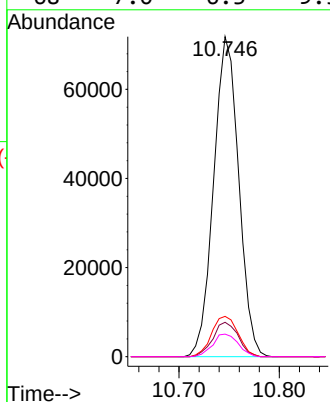
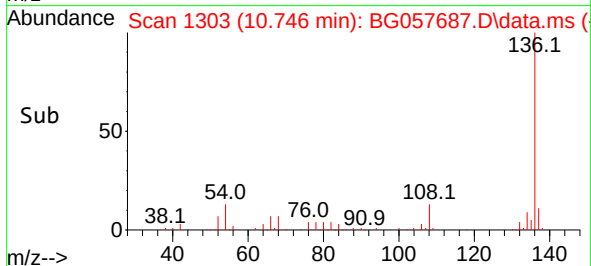
Tgt Ion:136 Resp: 12444
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.6 10.3 15.5
68 7.0 6.3 9.5

Manual Integrations

APPROVED

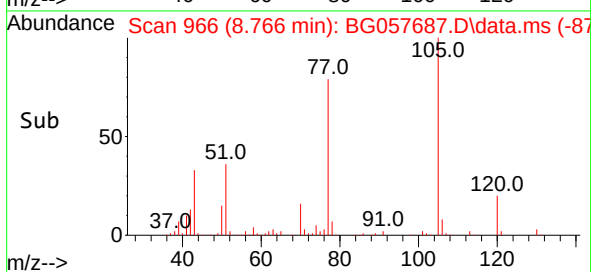
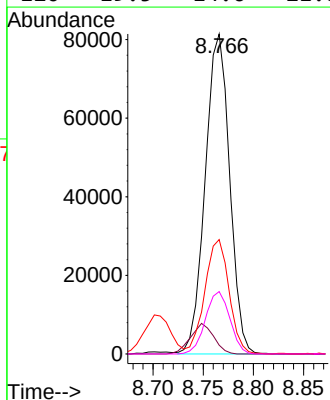
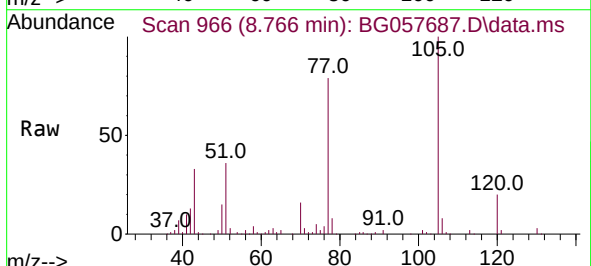
Reviewed By :Yogesh Patel 06/13/2023

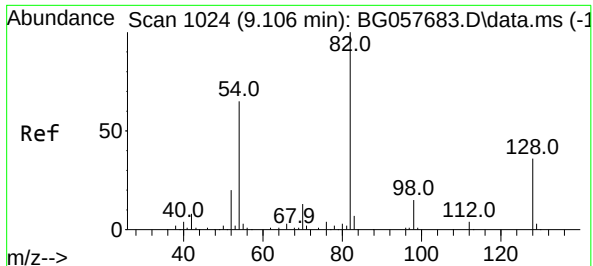
Supervised By :mohammad ahmed 06/13/2023



#22
Acetophenone
Concen: 39.555 ng
RT: 8.766 min Scan# 966
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:105 Resp: 137830
Ion Ratio Lower Upper
105 100
71 2.7 3.0 4.4#
51 35.8 29.0 43.6
120 19.5 14.6 21.8





#23
Nitrobenzene-d5
Concen: 92.637 ng
RT: 9.107 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

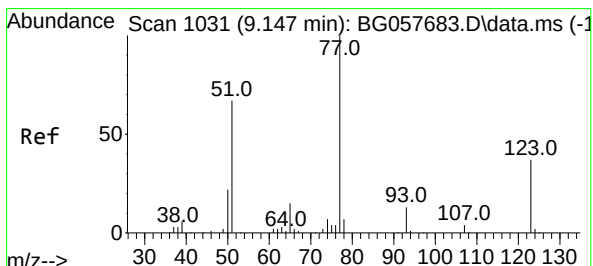
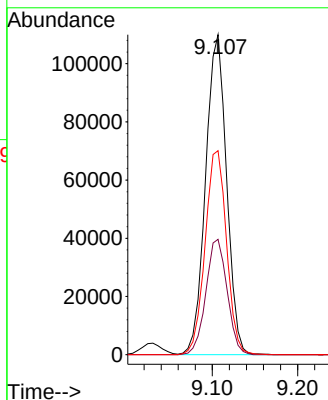
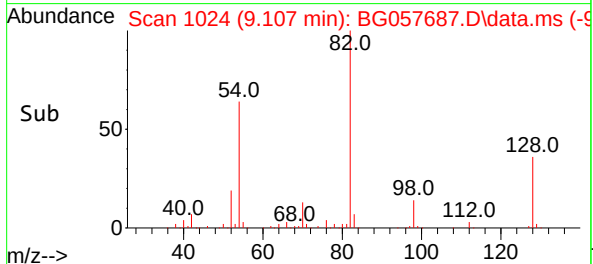
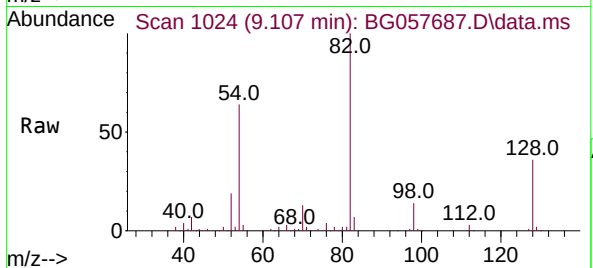
ICVBG061223

Tgt Ion: 82 Resp: 18811
Ion Ratio Lower Upper
82 100
128 36.0 28.6 43.0
54 63.8 51.8 77.8

Manual Integrations

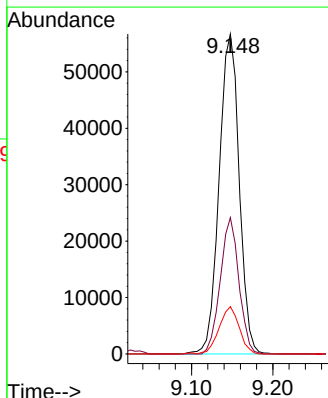
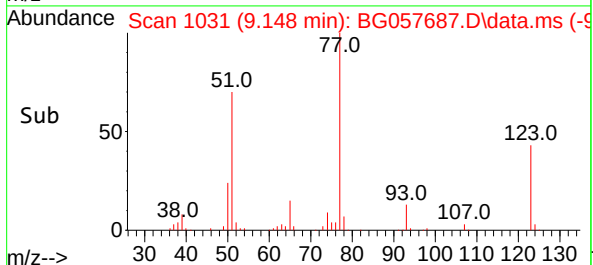
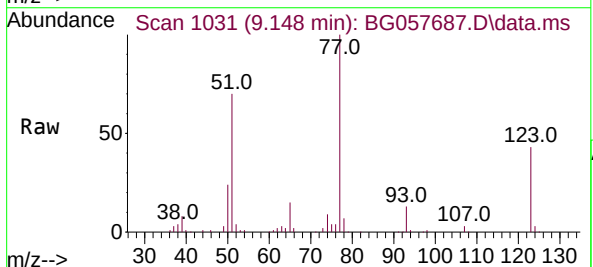
APPROVED

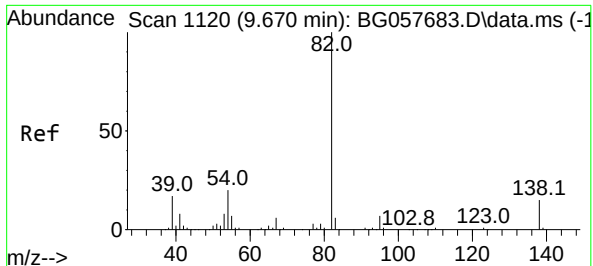
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#24
Nitrobenzene
Concen: 46.531 ng
RT: 9.148 min Scan# 1031
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion: 77 Resp: 97382
Ion Ratio Lower Upper
77 100
123 42.6 29.9 44.9
65 14.8 11.7 17.5





#25
Isophorone
Concen: 39.814 ng
RT: 9.665 min Scan# 1119
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

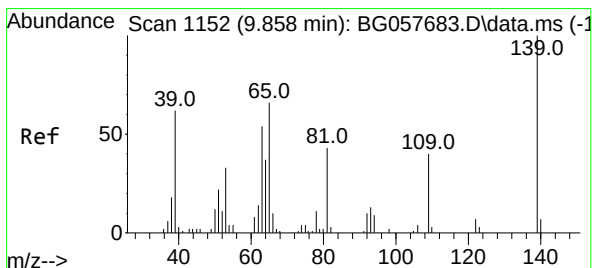
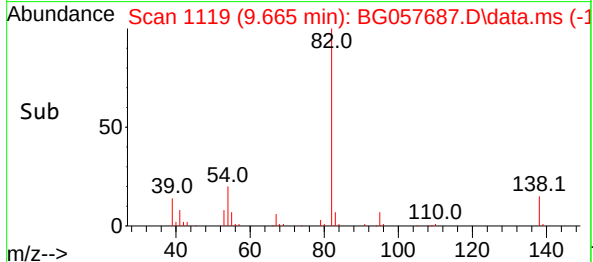
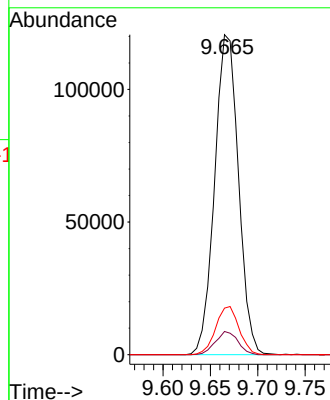
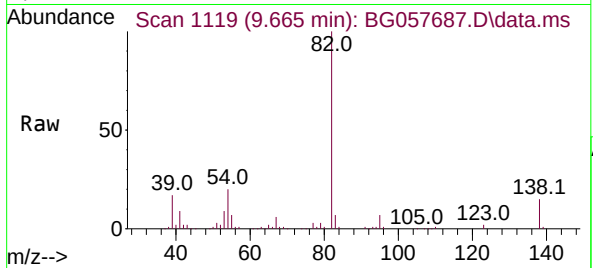
ICVBG061223

Tgt Ion: 82 Resp: 210829
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 14.6 11.8 17.8

Manual Integrations

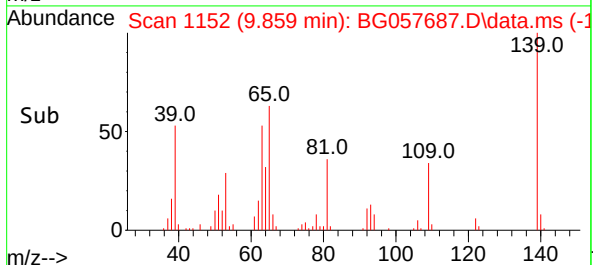
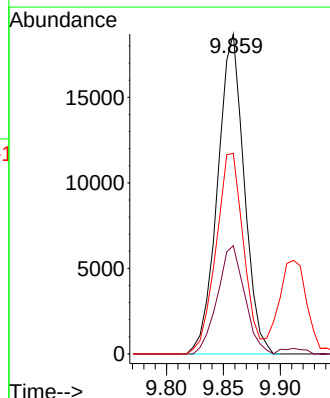
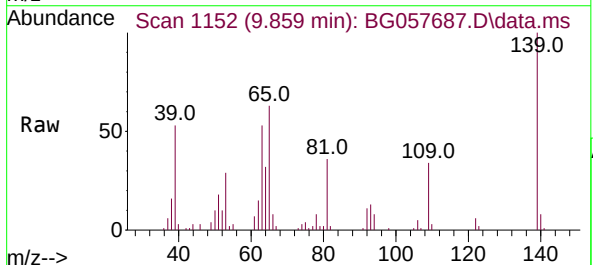
APPROVED

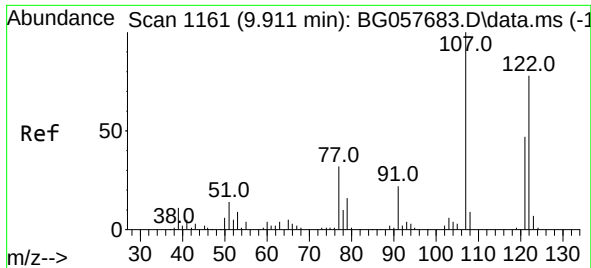
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#26
2-Nitrophenol
Concen: 46.646 ng
RT: 9.859 min Scan# 1152
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:139 Resp: 30340
Ion Ratio Lower Upper
139 100
109 33.9 31.9 47.9
65 62.7 53.1 79.7





#27

2,4-Dimethylphenol

Concen: 40.523 ng

RT: 9.912 min Scan# 1161

Delta R.T. 0.001 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

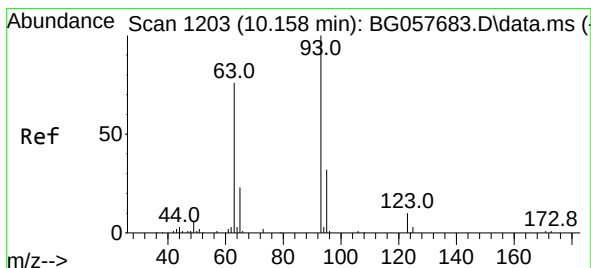
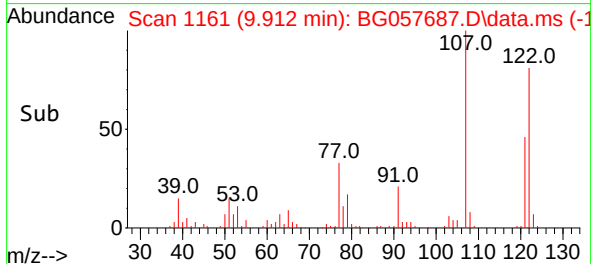
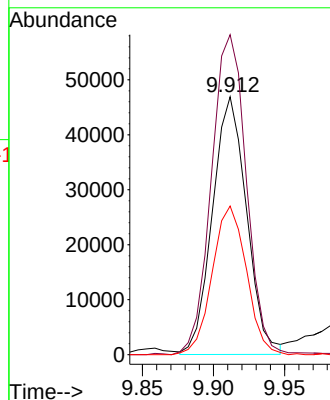
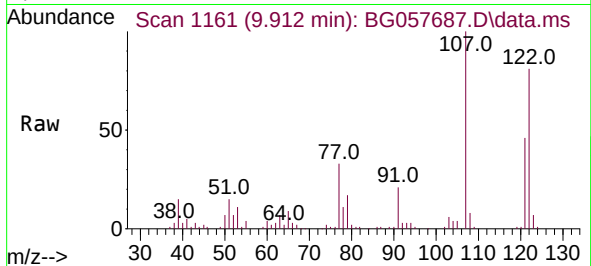
ICVBG061223

Tgt Ion:122 Resp: 78329
 Ion Ratio Lower Upper
 122 100
 107 124.1 101.3 151.9
 121 57.6 46.9 70.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.005 ng

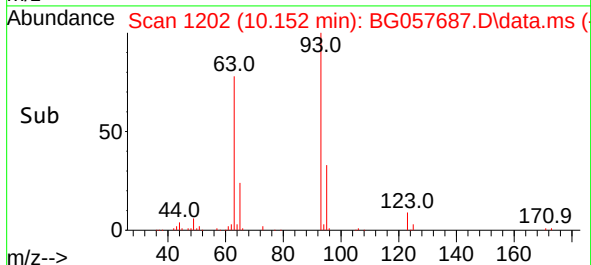
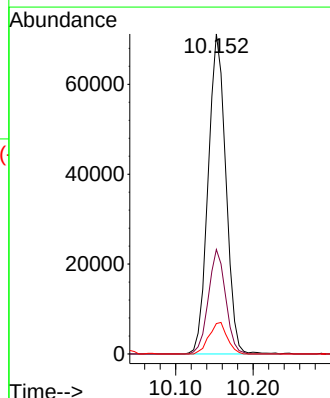
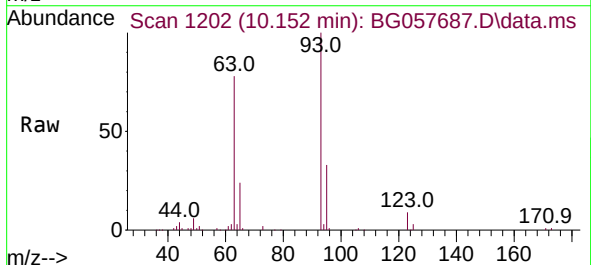
RT: 10.152 min Scan# 1202

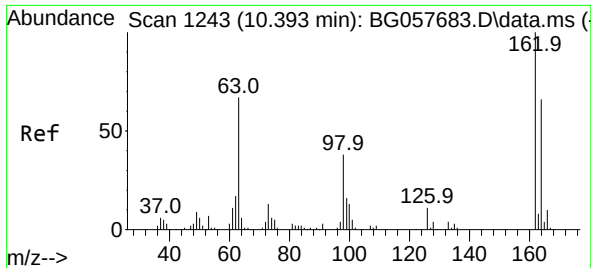
Delta R.T. -0.006 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Tgt Ion: 93 Resp: 112604
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.3 37.9
 123 9.5 7.9 11.9





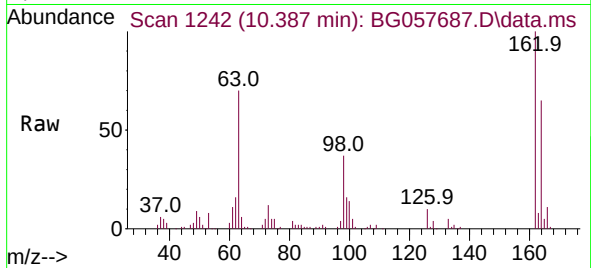
#29
2,4-Dichlorophenol
Concen: 42.044 ng
RT: 10.387 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223



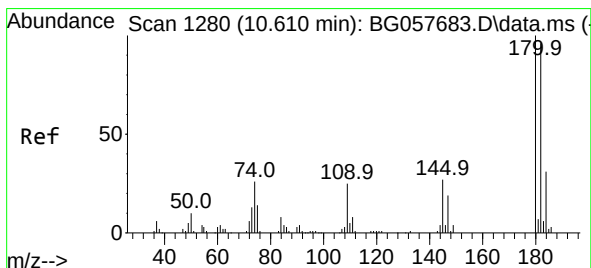
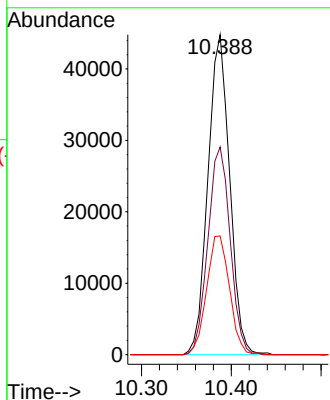
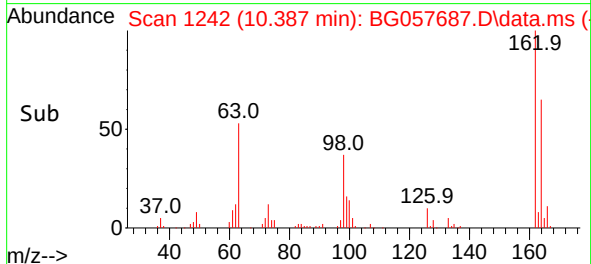
Tgt Ion:162 Resp: 7525
Ion Ratio Lower Upper
162 100
164 64.9 46.1 86.1
98 37.1 18.3 58.3

Manual Integrations

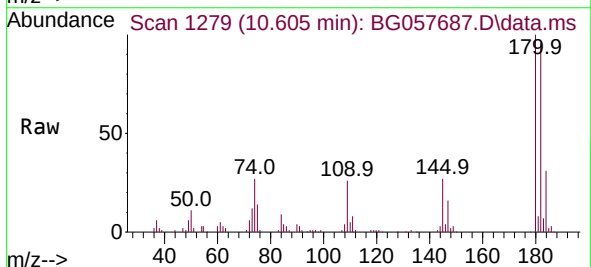
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

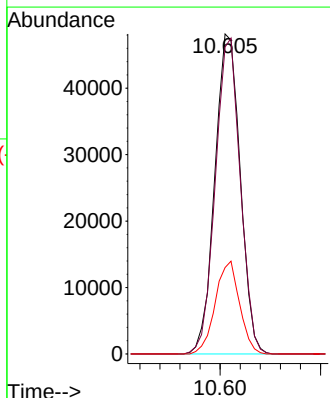
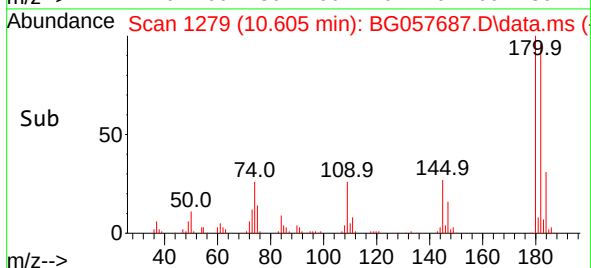
Supervised By :mohammad ahmed 06/13/2023

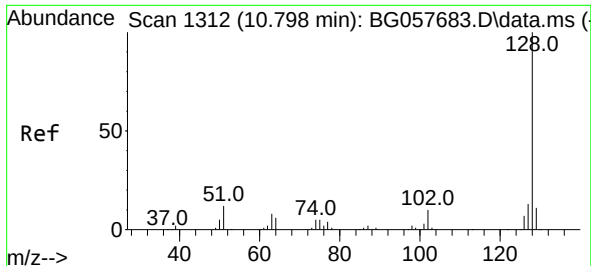


#30
1,2,4-Trichlorobenzene
Concen: 38.946 ng
RT: 10.605 min Scan# 1279
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



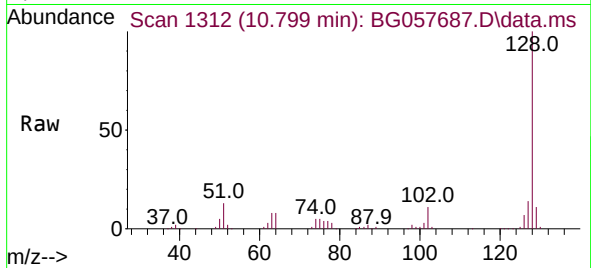
Tgt Ion:180 Resp: 84470
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 27.0 21.8 32.6





#31
Naphthalene
Concen: 39.246 ng
RT: 10.799 min Scan# 1182
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

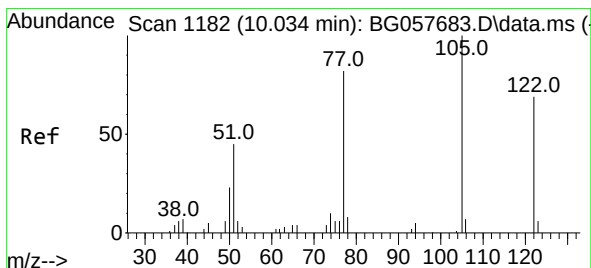
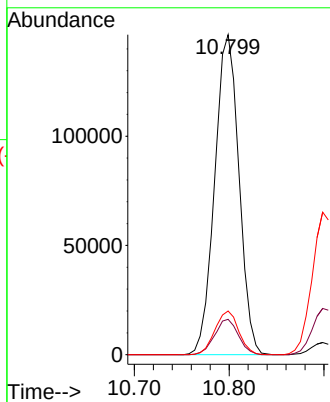
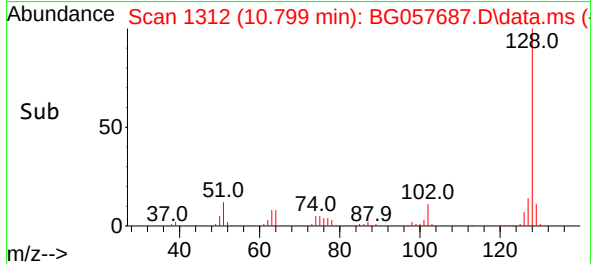
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



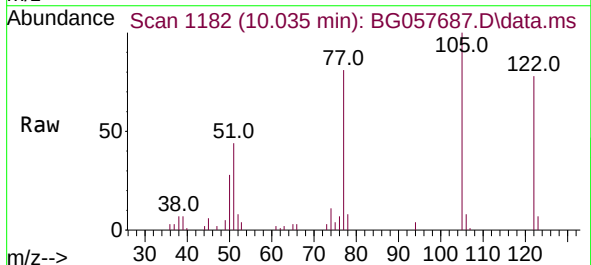
Tgt Ion:128 Resp: 26047
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.2 15.4

Manual Integrations
APPROVED

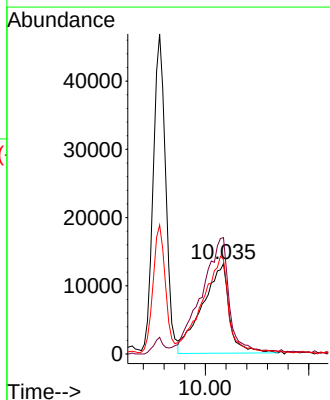
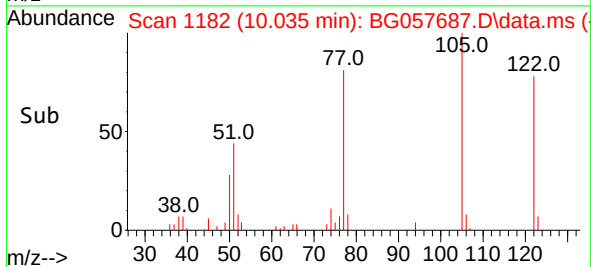
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

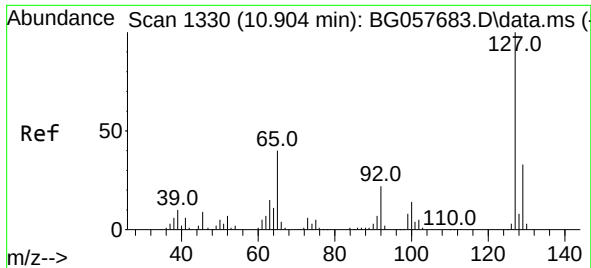


#32
Benzoic acid
Concen: 46.153 ng
RT: 10.035 min Scan# 1182
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:122 Resp: 47764
Ion Ratio Lower Upper
122 100
105 129.0 121.6 161.6
77 104.9 94.8 134.8





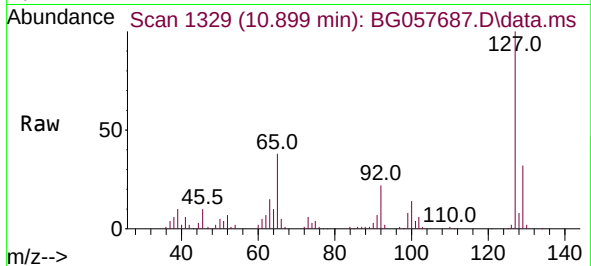
#33
4-Chloroaniline
Concen: 39.253 ng
RT: 10.899 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

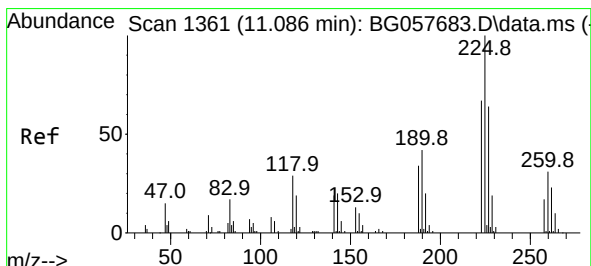
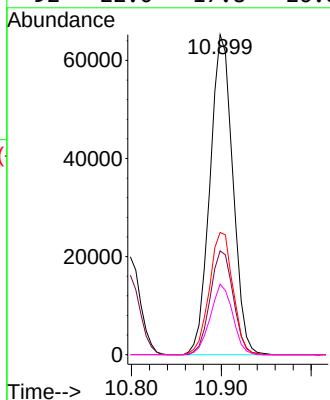
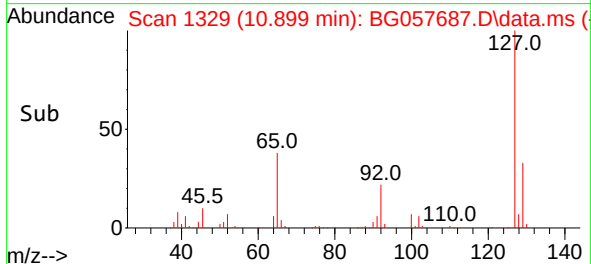


Tgt Ion:127 Resp: 115285
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 38.2 31.8 47.8
92 22.0 17.8 26.8

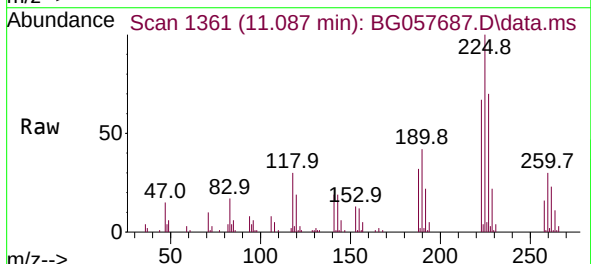
Manual Integrations

APPROVED

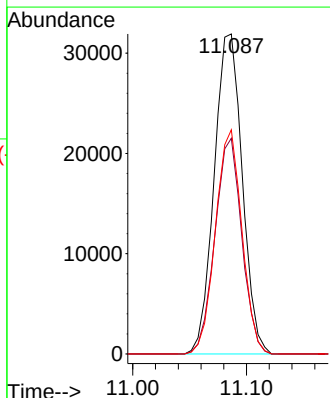
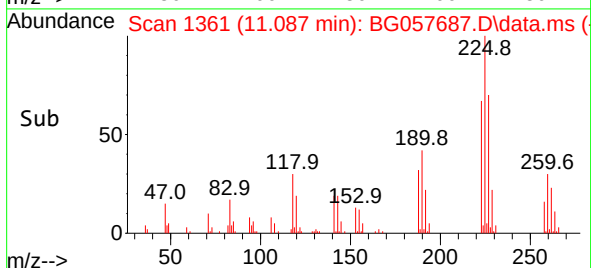
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

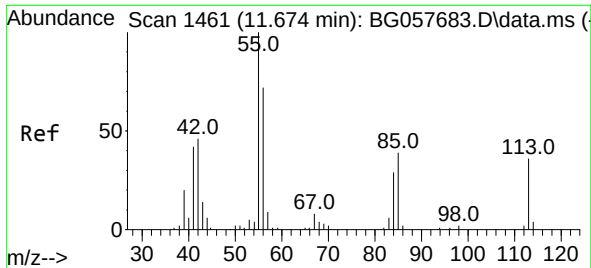


#34
Hexachlorobutadiene
Concen: 39.239 ng
RT: 11.087 min Scan# 1361
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:225 Resp: 54785
Ion Ratio Lower Upper
225 100
223 67.4 53.3 79.9
227 70.1 51.1 76.7





#35
Caprolactam
Concen: 41.957 ng
RT: 11.668 min Scan# 1460
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

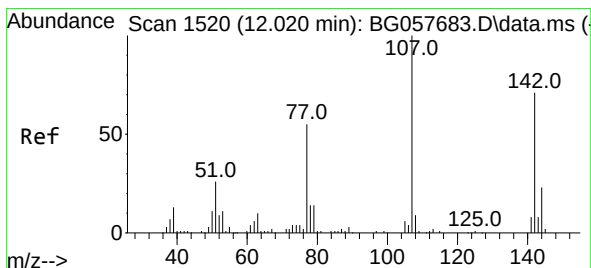
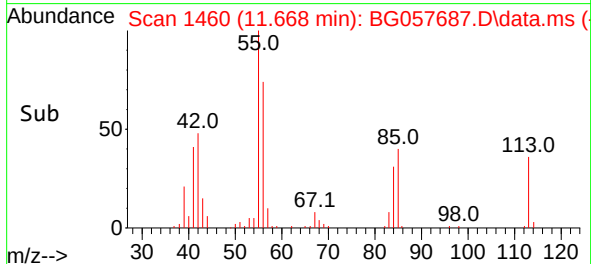
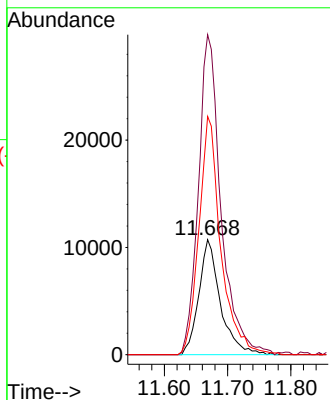
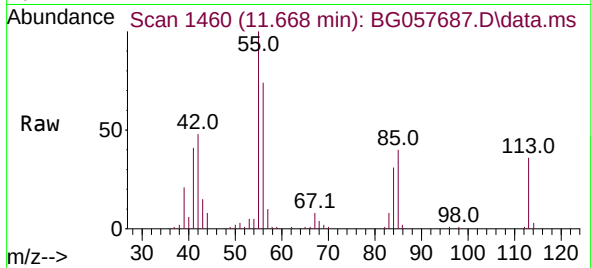
ICVBG061223

Tgt Ion:113 Resp: 2547
Ion Ratio Lower Upper
113 100
55 278.2 259.7 299.7
56 207.2 180.6 220.6

Manual Integrations

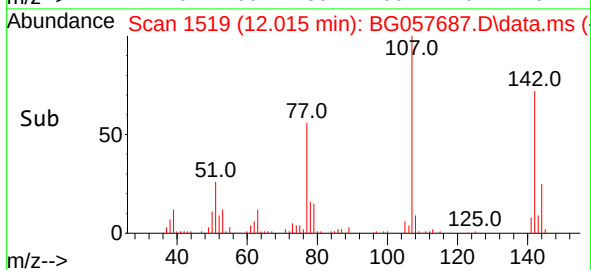
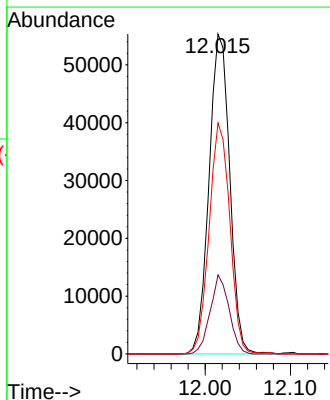
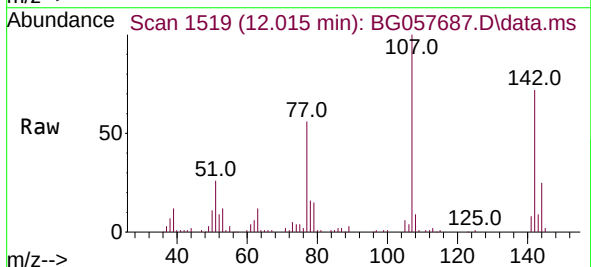
APPROVED

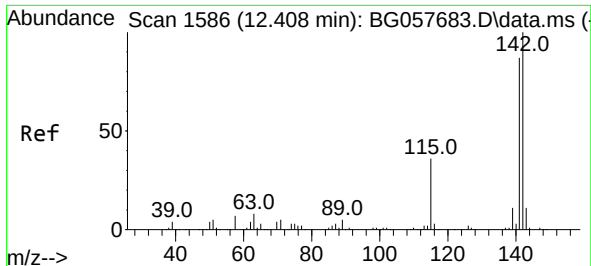
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#36
4-Chloro-3-methylphenol
Concen: 40.192 ng
RT: 12.015 min Scan# 1519
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:107 Resp: 93218
Ion Ratio Lower Upper
107 100
144 24.7 18.1 27.1
142 72.2 56.4 84.6





#37
2-Methylnaphthalene
Concen: 39.542 ng
RT: 12.403 min Scan# 1585
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

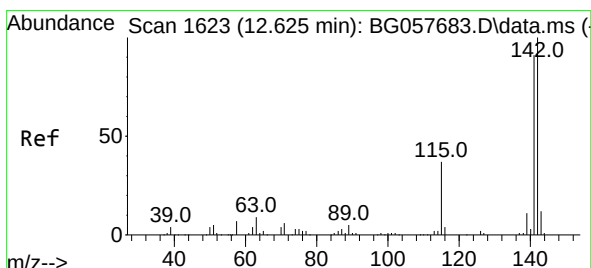
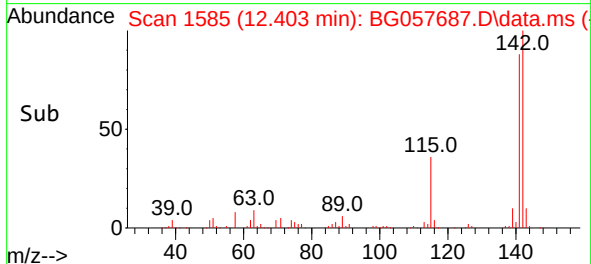
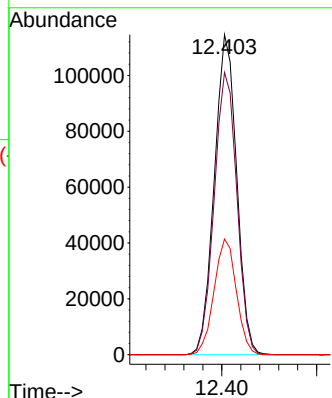
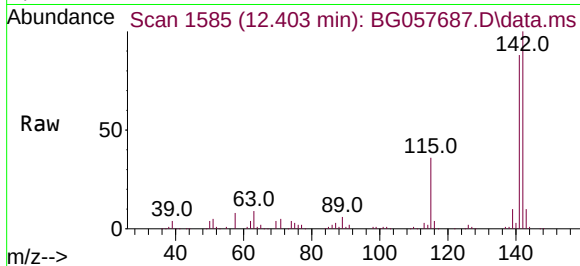
ClientSampleId :

ICVBG061223

Tgt Ion:142 Resp: 18756
Ion Ratio Lower Upper
142 100
141 88.2 69.4 104.2
115 36.1 29.0 43.6

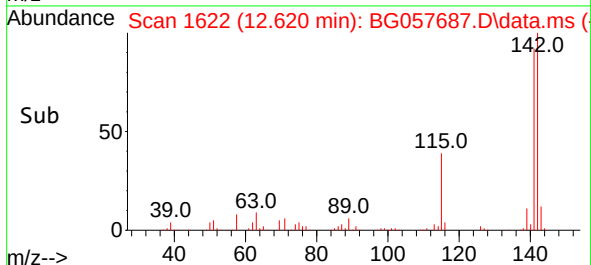
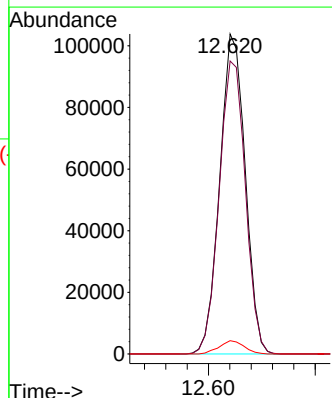
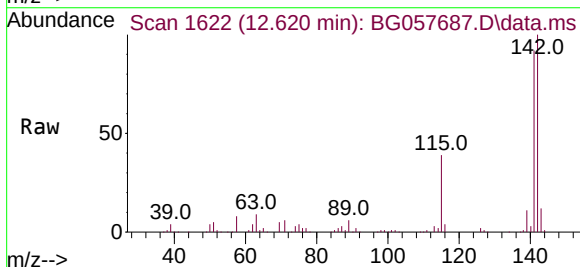
Manual Integrations
APPROVED

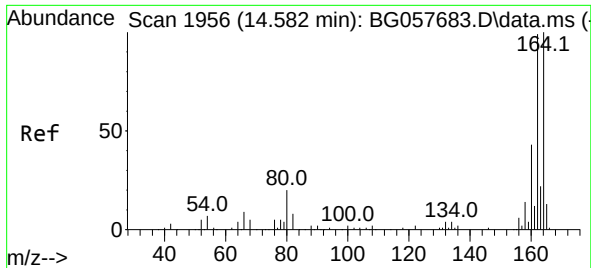
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#38
1-Methylnaphthalene
Concen: 38.536 ng
RT: 12.620 min Scan# 1622
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:142 Resp: 172166
Ion Ratio Lower Upper
142 100
141 91.5 72.4 108.6
116 4.1 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

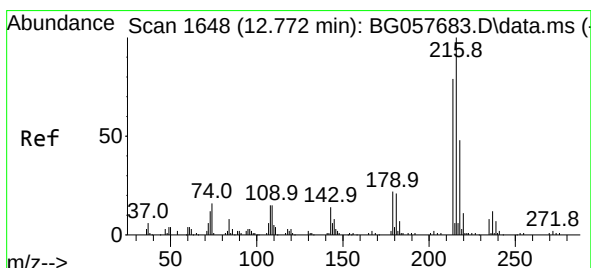
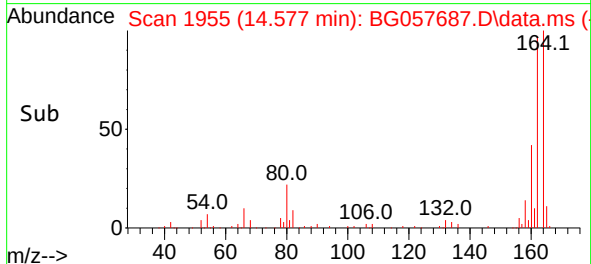
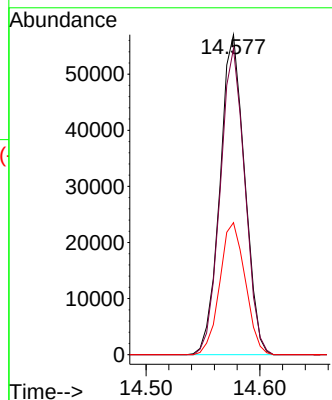
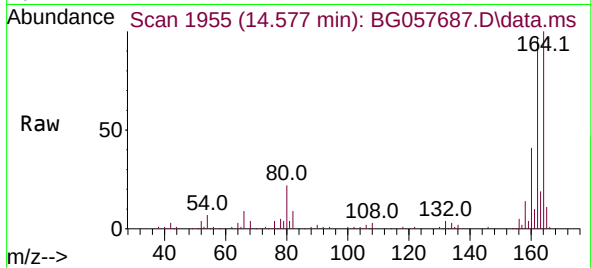
ICVBG061223

Tgt Ion:164 Resp: 8611
Ion Ratio Lower Upper
164 100
162 95.7 79.0 118.4
160 41.2 34.2 51.4

Manual Integrations

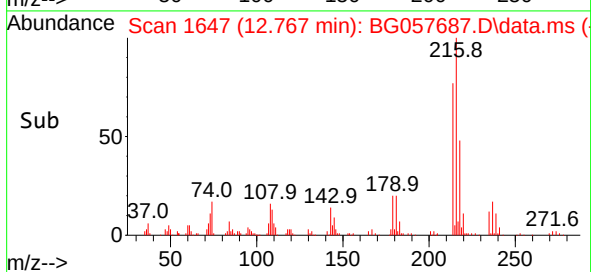
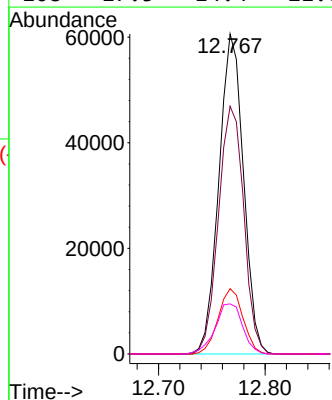
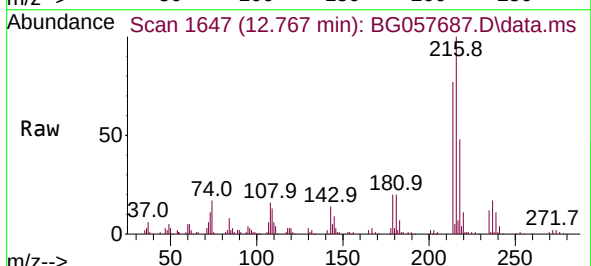
APPROVED

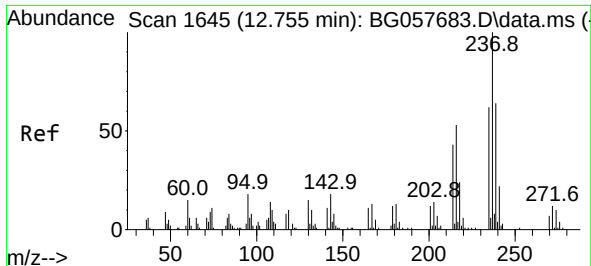
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.053 ng
RT: 12.767 min Scan# 1647
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:216 Resp: 96892
Ion Ratio Lower Upper
216 100
214 79.7 62.9 94.3
179 20.6 16.7 25.1
108 17.5 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 42.723 ng
RT: 12.749 min Scan# 1644
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

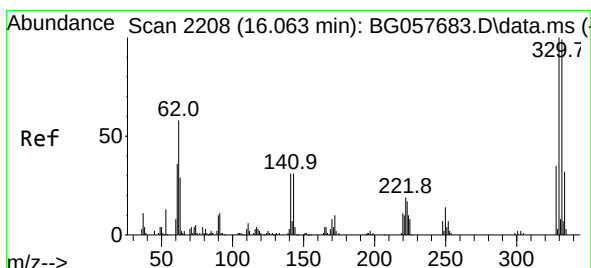
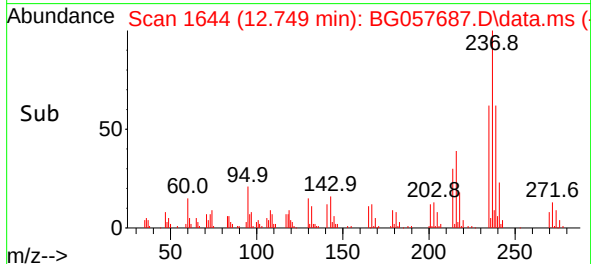
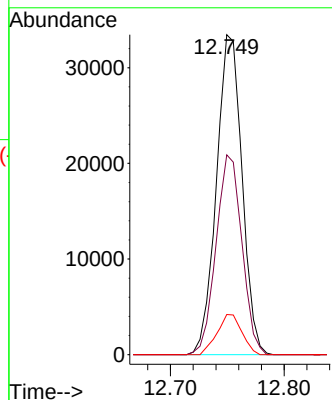
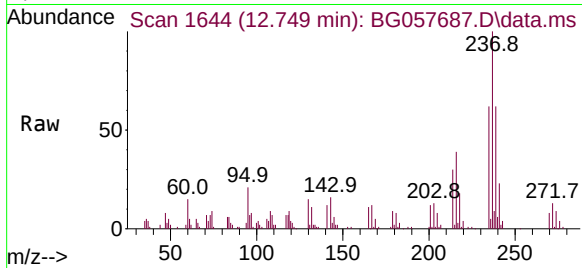
ClientSampleId :

ICVBG061223

Tgt Ion:237 Resp: 5239
Ion Ratio Lower Upper
237 100
235 62.4 42.2 82.2
272 12.5 0.0 32.5

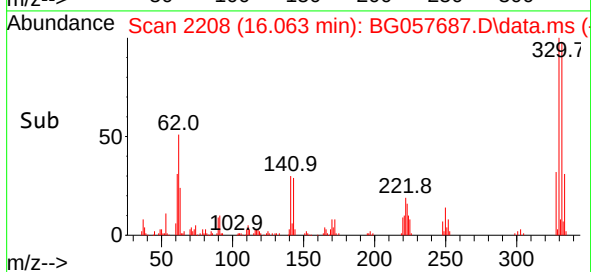
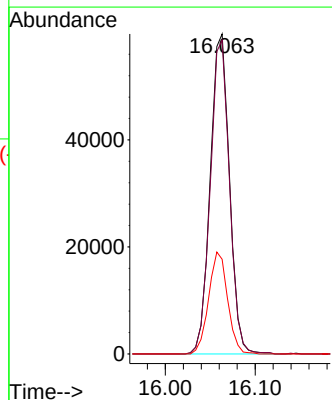
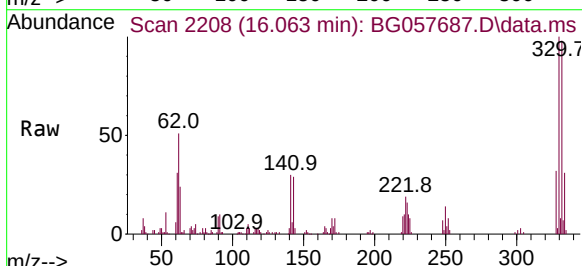
Manual Integrations
APPROVED

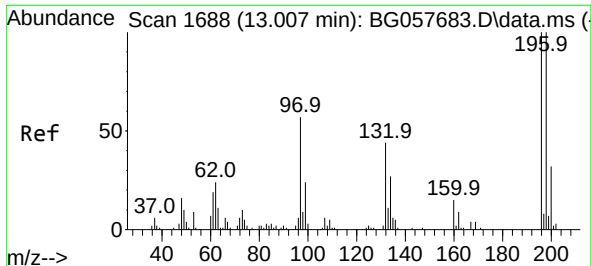
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#42
2,4,6-Tribromophenol
Concen: 84.615 ng
RT: 16.063 min Scan# 2208
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:330 Resp: 88873
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 31.4 25.0 37.4





#43

2,4,6-Trichlorophenol

Concen: 41.565 ng

RT: 13.002 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

Tgt Ion:196 Resp: 65740

Ion Ratio Lower Upper

196 100

198 94.6 79.8 119.8

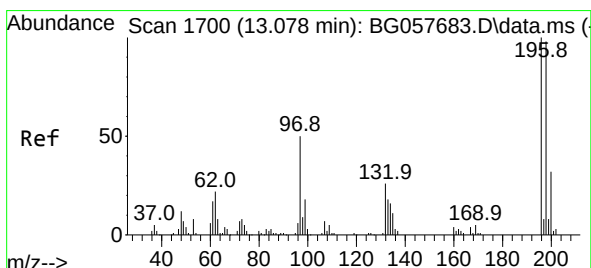
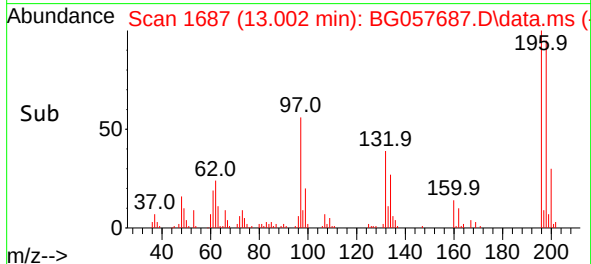
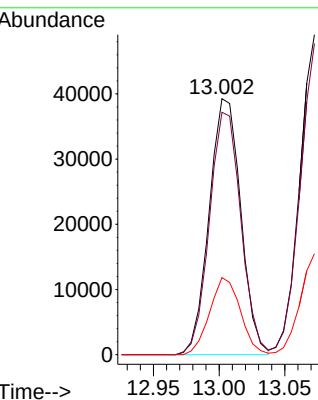
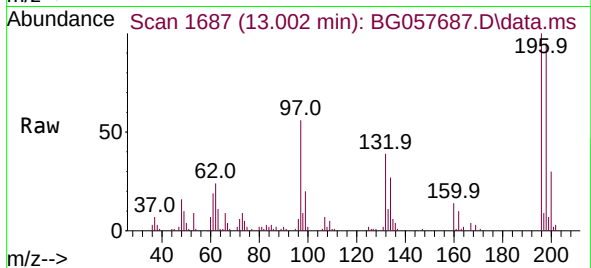
200 30.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#44

2,4,5-Trichlorophenol

Concen: 41.689 ng

RT: 13.073 min Scan# 1699

Delta R.T. -0.005 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Tgt Ion:196 Resp: 78610

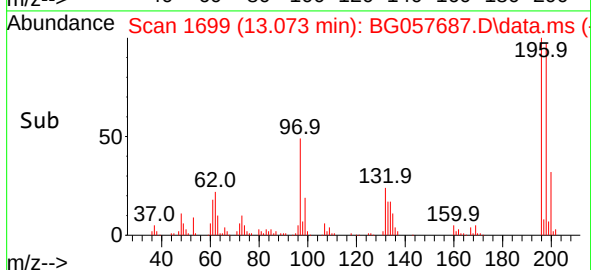
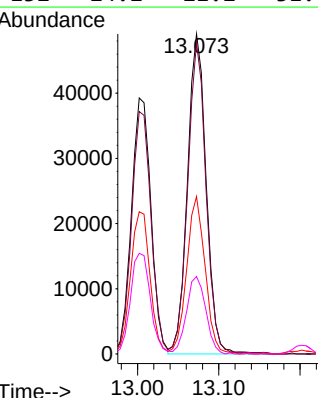
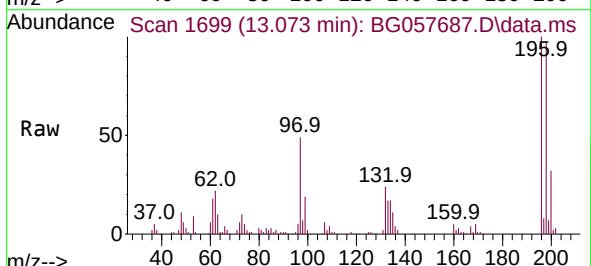
Ion Ratio Lower Upper

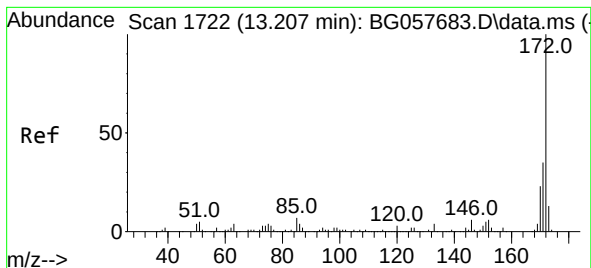
196 100

198 97.2 78.6 117.8

97 49.2 39.8 59.6

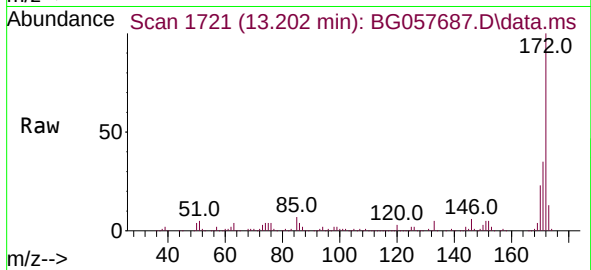
132 24.2 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 75.199 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

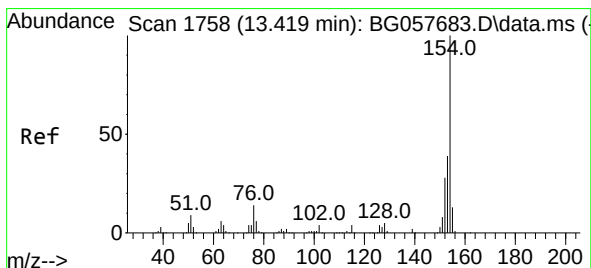
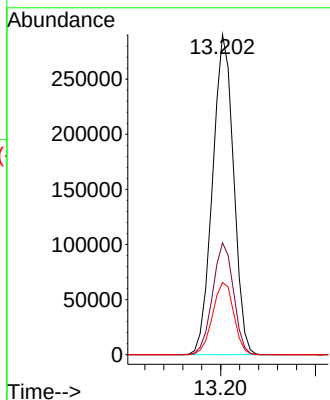
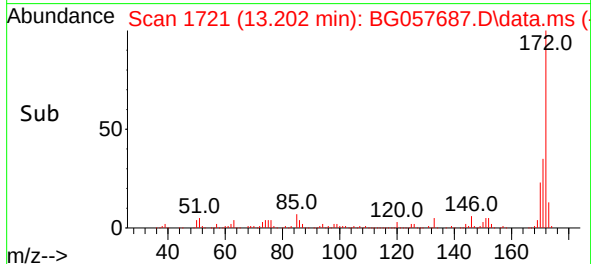
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



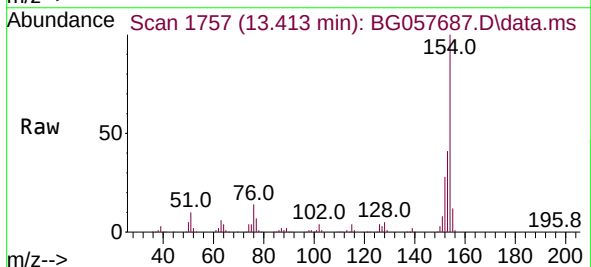
Tgt Ion:172 Resp: 446980
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.6 18.6 28.0

Manual Integrations
APPROVED

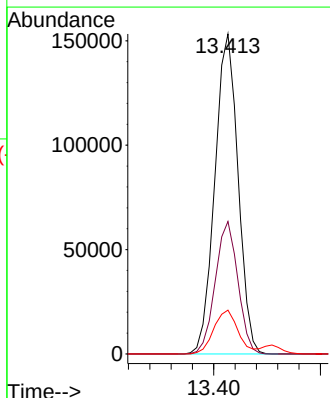
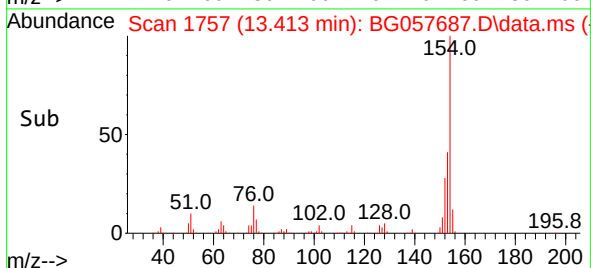
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

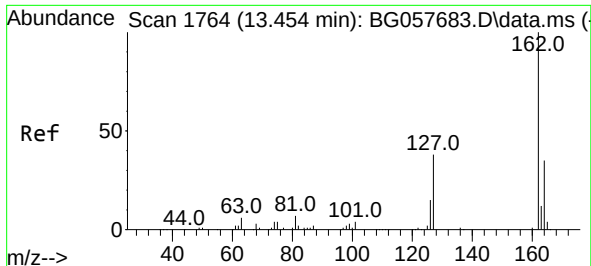


#46
1,1'-Biphenyl
Concen: 37.989 ng
RT: 13.413 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:154 Resp: 231257
Ion Ratio Lower Upper
154 100
153 41.4 18.7 58.7
76 13.7 0.0 33.5





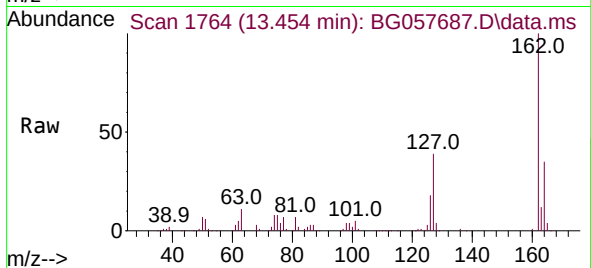
#47
2-Chloronaphthalene
Concen: 37.767 ng
RT: 13.454 min Scan# 1764
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

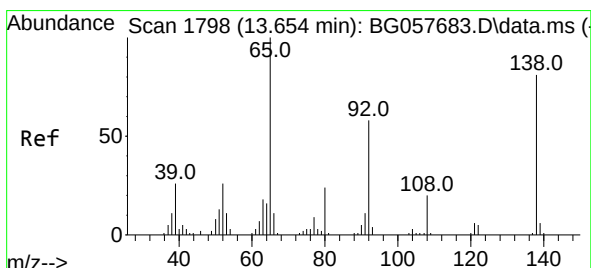
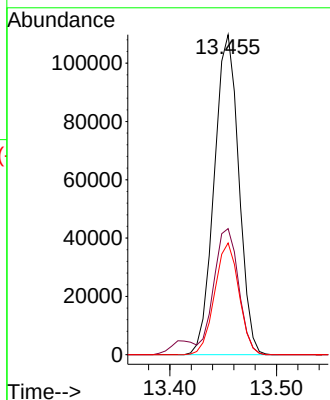
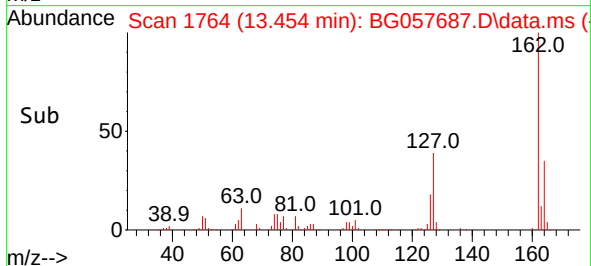


Tgt Ion:162 Resp: 175324
Ion Ratio Lower Upper
162 100
127 39.4 33.0 49.4
164 34.9 27.8 41.6

Manual Integrations

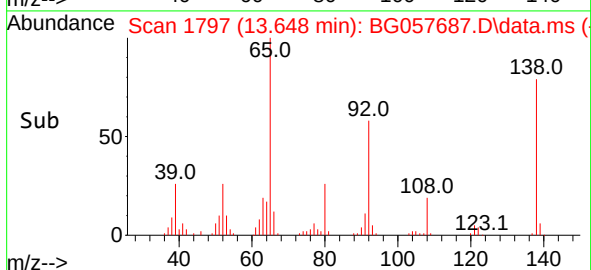
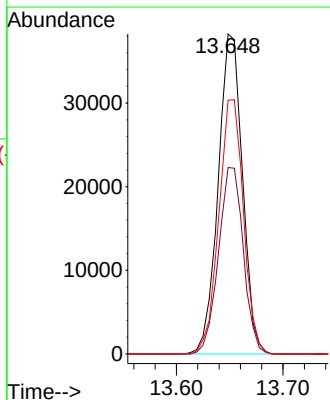
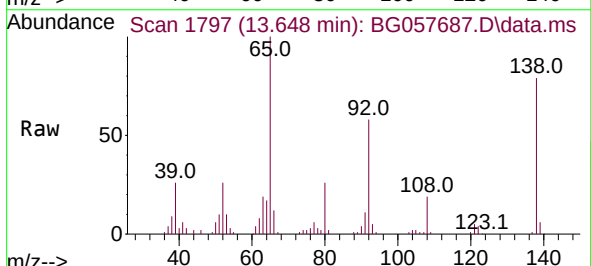
APPROVED

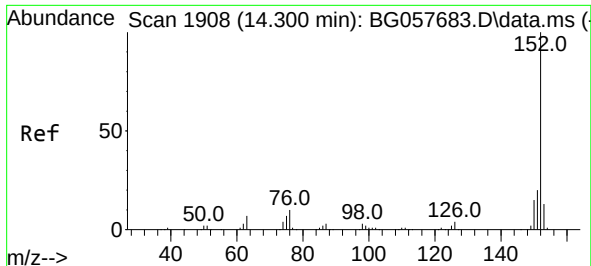
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#48
2-Nitroaniline
Concen: 41.978 ng
RT: 13.648 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion: 65 Resp: 60493
Ion Ratio Lower Upper
65 100
92 58.2 46.2 69.4
138 79.3 65.2 97.8





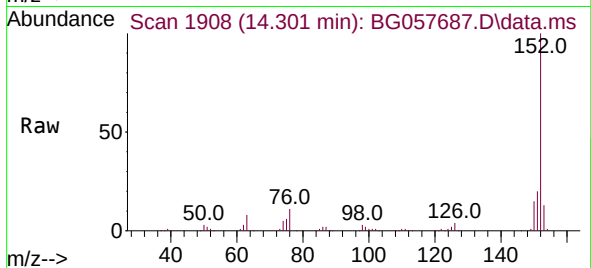
#49
Acenaphthylene
Concen: 38.019 ng
RT: 14.301 min Scan# 1908
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223



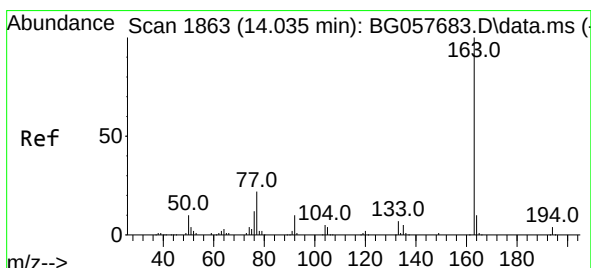
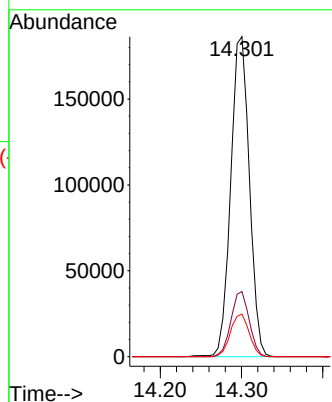
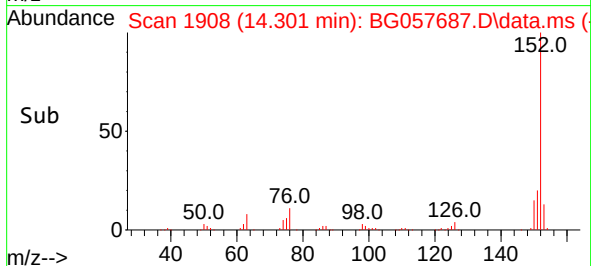
Tgt Ion:152 Resp: 296759
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.3 10.2 15.4

Manual Integrations

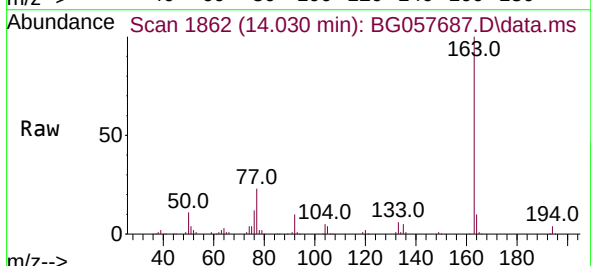
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

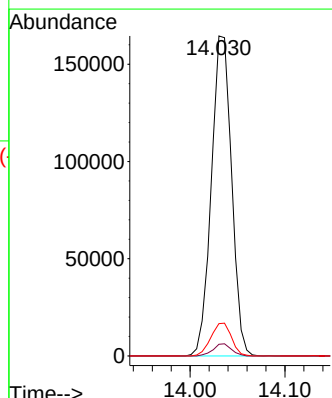
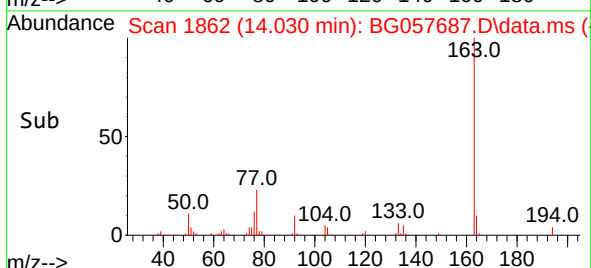
Supervised By :mohammad ahmed 06/13/2023

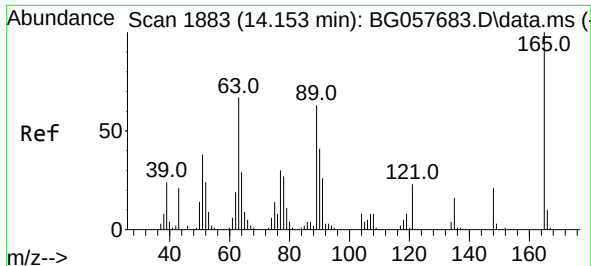


#50
Dimethylphthalate
Concen: 38.384 ng
RT: 14.030 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:163 Resp: 243982
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.801 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

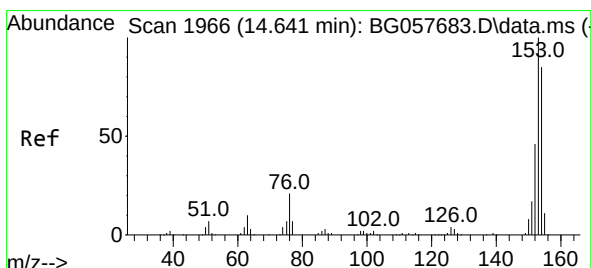
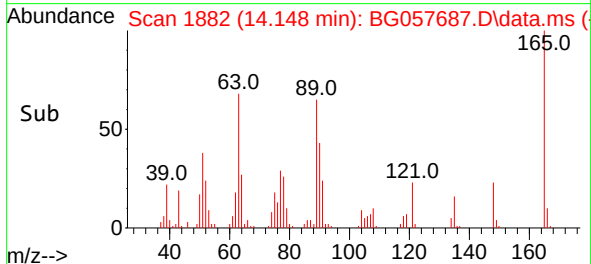
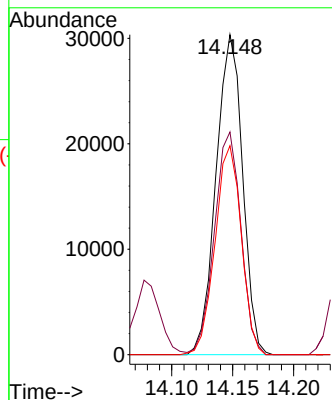
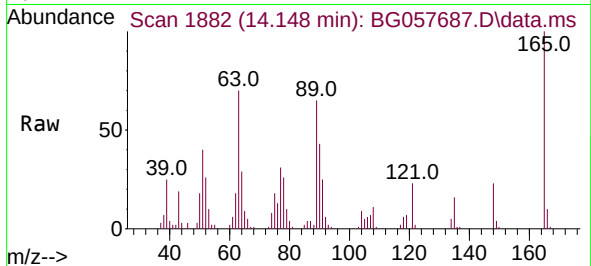
ICVBG061223

Tgt Ion:165 Resp: 45974
Ion Ratio Lower Upper
165 100
63 69.6 55.0 82.6
89 65.3 50.6 75.8

Manual Integrations

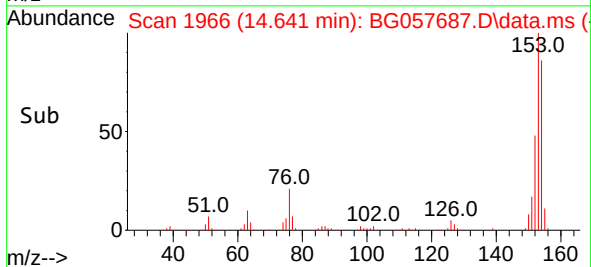
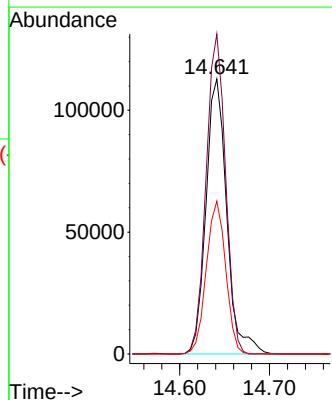
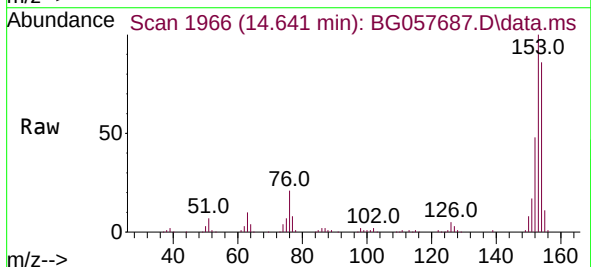
APPROVED

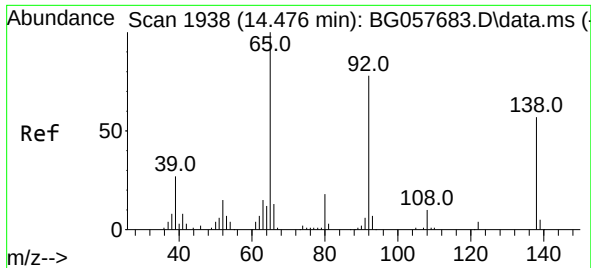
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#52
Acenaphthene
Concen: 38.685 ng
RT: 14.641 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:154 Resp: 181678
Ion Ratio Lower Upper
154 100
153 116.4 94.5 141.7
152 55.6 43.8 65.6





#53
3-Nitroaniline
Concen: 40.763 ng
RT: 14.477 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

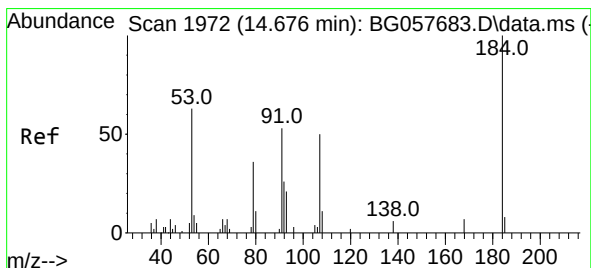
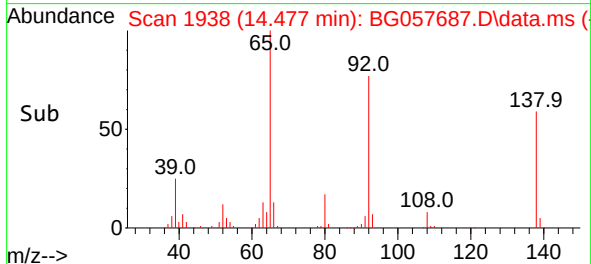
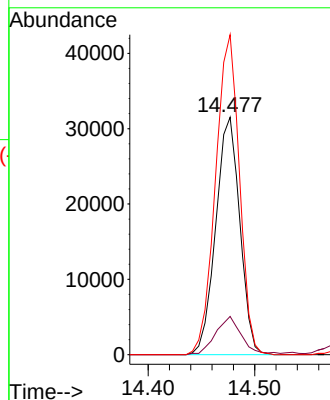
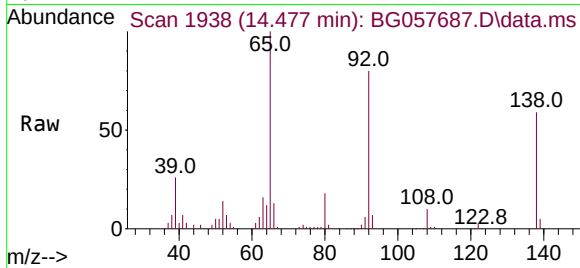
ICVBG061223

Tgt Ion:138 Resp: 49320
Ion Ratio Lower Upper
138 100
108 16.1 14.5 21.7
92 134.8 109.2 163.8

Manual Integrations

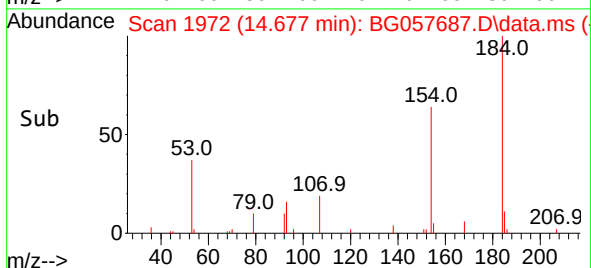
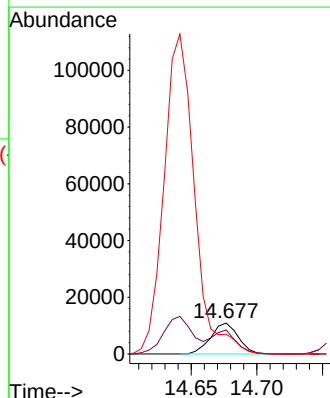
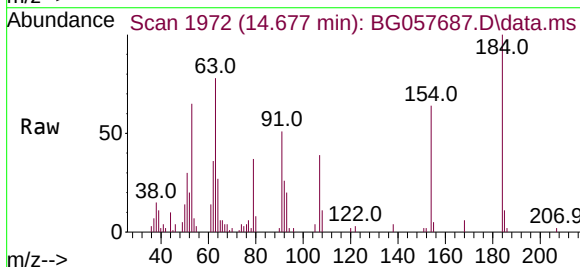
APPROVED

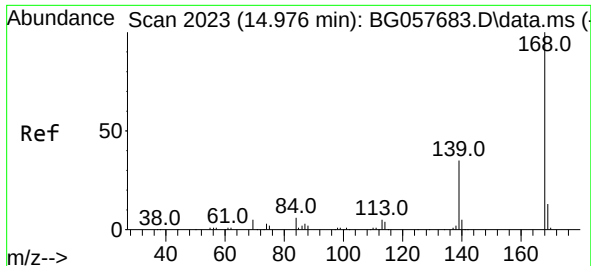
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#54
2,4-Dinitrophenol
Concen: 45.111 ng
RT: 14.677 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:184 Resp: 15824
Ion Ratio Lower Upper
184 100
63 77.6 61.0 91.6
154 64.0 54.2 81.4





#55
Dibenzenofuran
Concen: 37.654 ng
RT: 14.976 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

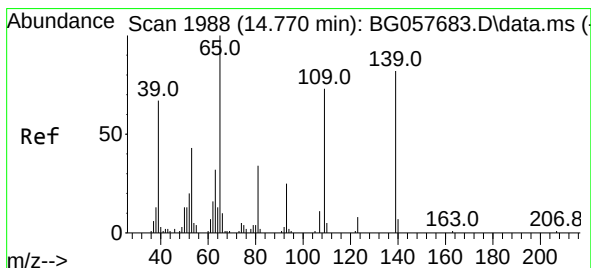
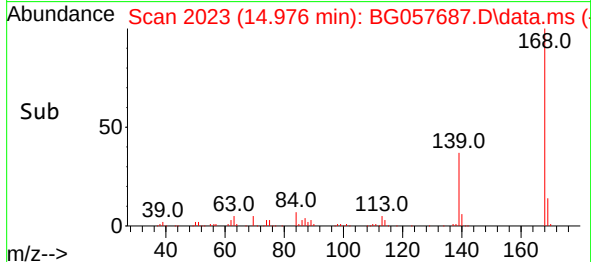
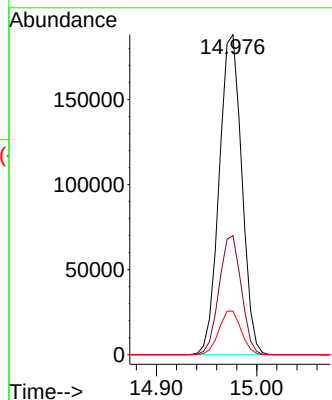
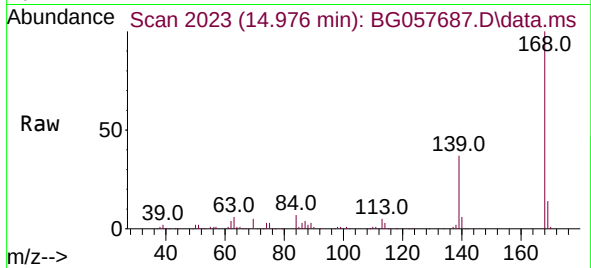
ClientSampleId :

ICVBG061223

Tgt Ion:168 Resp: 293974
Ion Ratio Lower Upper
168 100
139 37.2 28.2 42.4
169 13.6 10.7 16.1

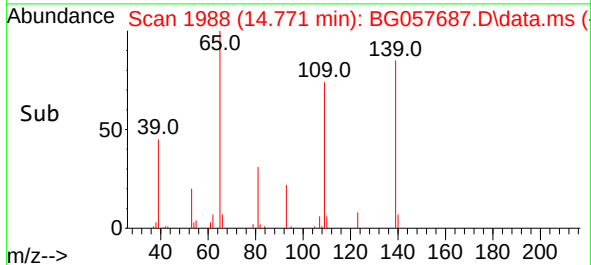
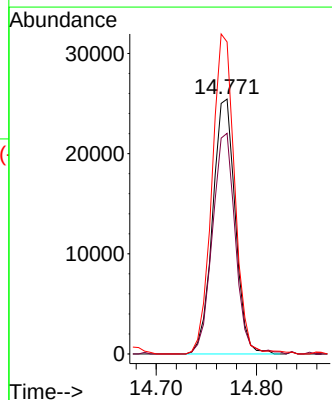
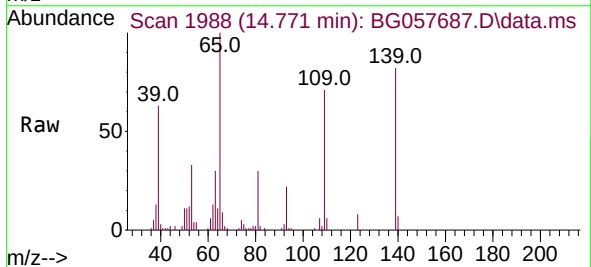
Manual Integrations
APPROVED

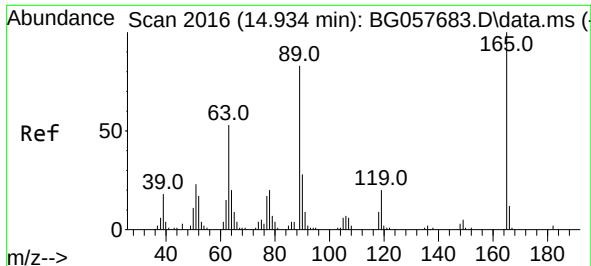
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#56
4-Nitrophenol
Concen: 41.237 ng
RT: 14.771 min Scan# 1988
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:139 Resp: 39771
Ion Ratio Lower Upper
139 100
109 86.6 69.1 109.1
65 122.5 101.4 141.4





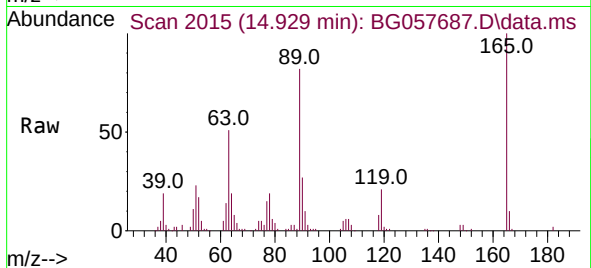
#57
2,4-Dinitrotoluene
Concen: 41.522 ng
RT: 14.929 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

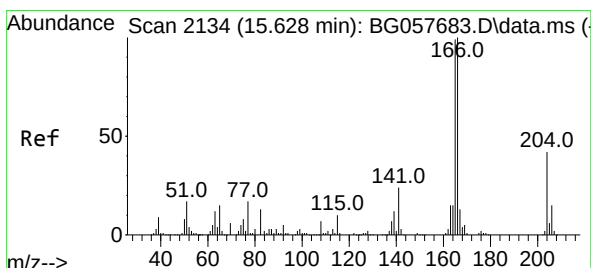
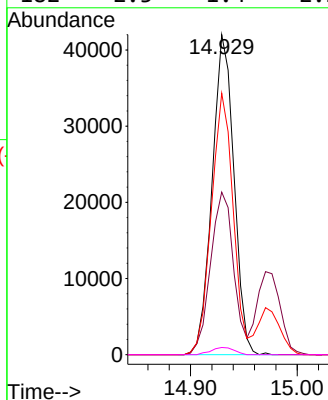
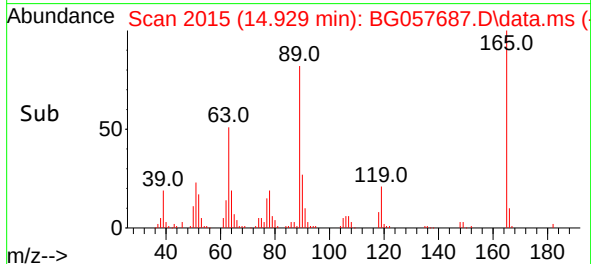


Tgt Ion:165 Resp: 5950
Ion Ratio Lower Upper
165 100
63 50.8 42.1 63.1
89 81.7 66.6 100.0
182 2.3 1.4 2.2#

Manual Integrations

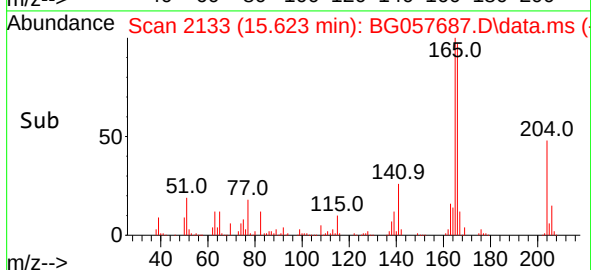
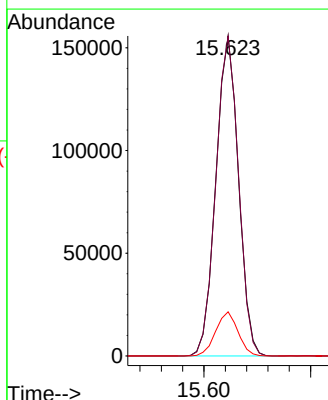
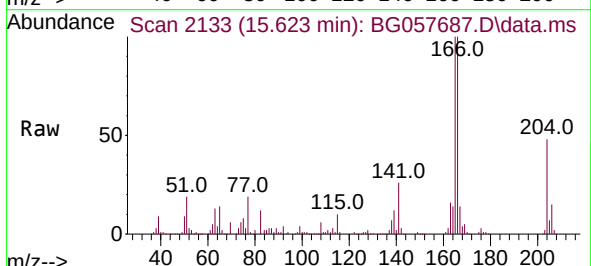
APPROVED

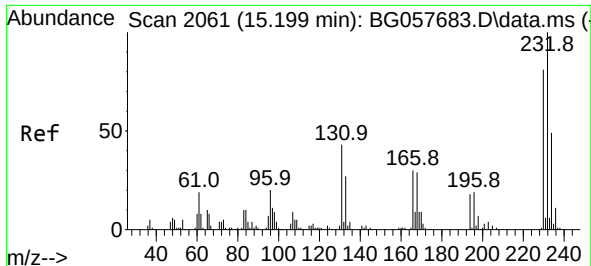
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#58
Fluorene
Concen: 37.328 ng
RT: 15.623 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:166 Resp: 228825
Ion Ratio Lower Upper
166 100
165 99.9 79.1 118.7
167 13.8 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.287 ng
RT: 15.194 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

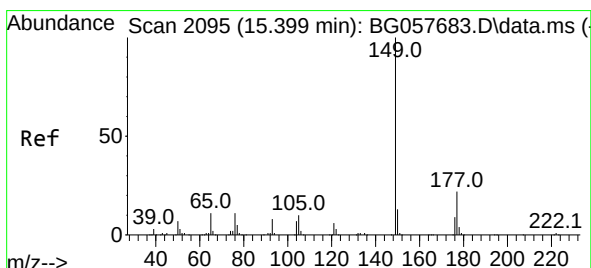
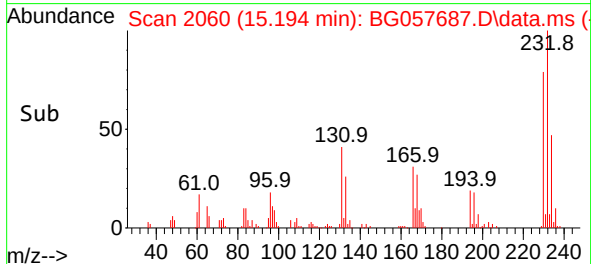
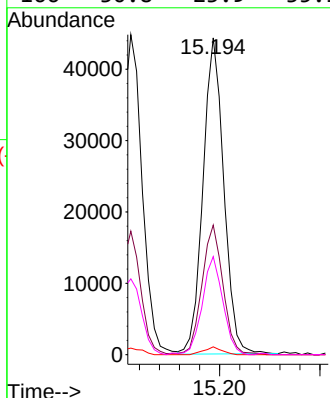
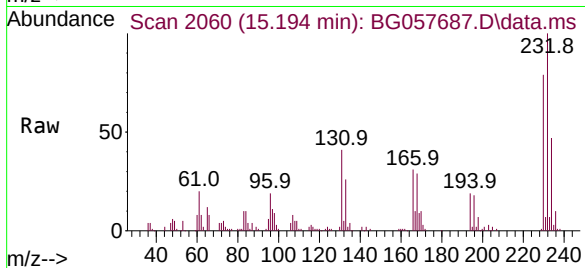
ICVBG061223

Tgt Ion:232 Resp: 6387
Ion Ratio Lower Upper
232 100
131 41.6 34.1 51.1
130 2.1 1.6 2.4
166 30.8 23.9 35.9

Manual Integrations

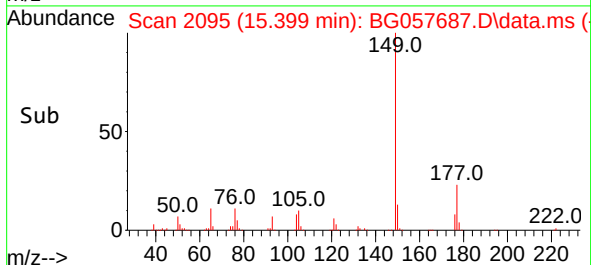
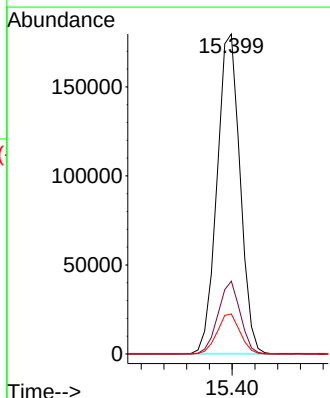
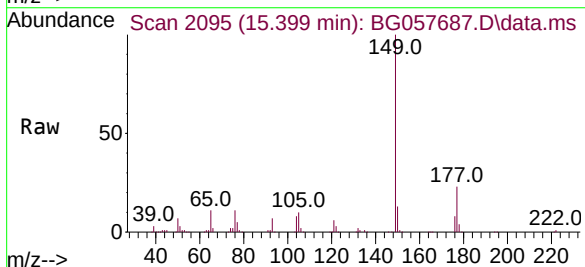
APPROVED

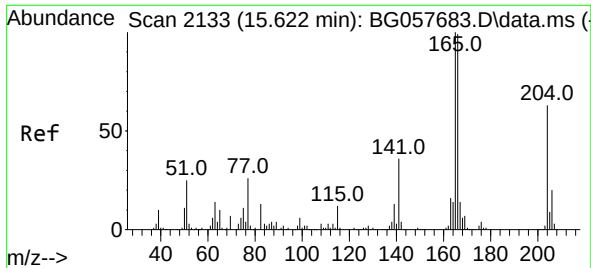
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#60
Diethylphthalate
Concen: 38.696 ng
RT: 15.399 min Scan# 2095
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:149 Resp: 252748
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.944 ng
RT: 15.617 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

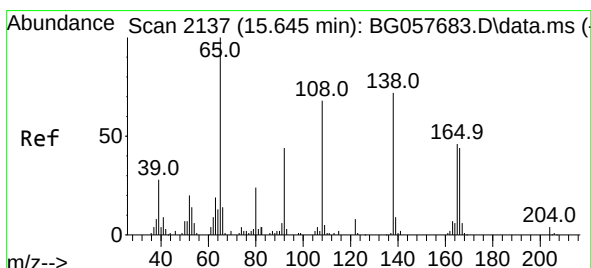
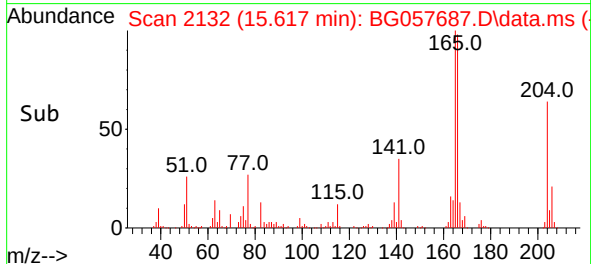
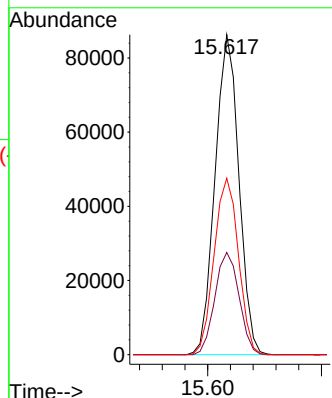
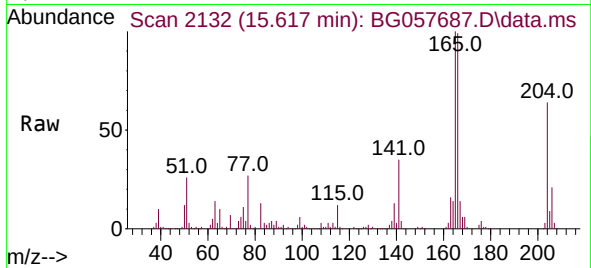
ICVBG061223

Tgt Ion:204 Resp: 125590
Ion Ratio Lower Upper
204 100
206 31.9 25.7 38.5
141 55.1 45.4 68.2

Manual Integrations

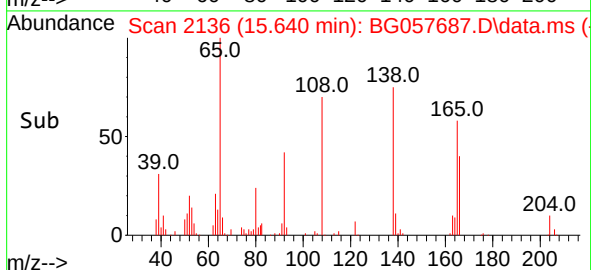
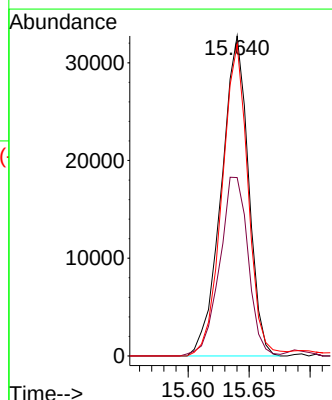
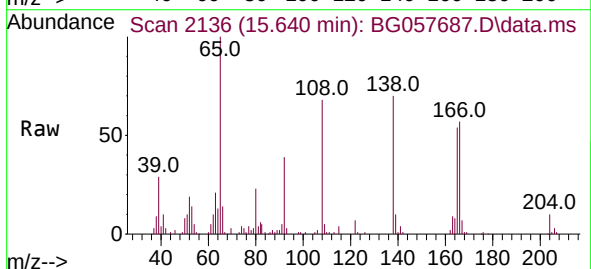
APPROVED

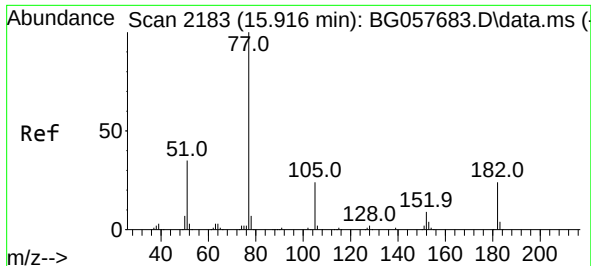
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#62
4-Nitroaniline
Concen: 40.797 ng
RT: 15.640 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:138 Resp: 50676
Ion Ratio Lower Upper
138 100
92 55.7 41.3 81.3
108 97.4 75.1 115.1





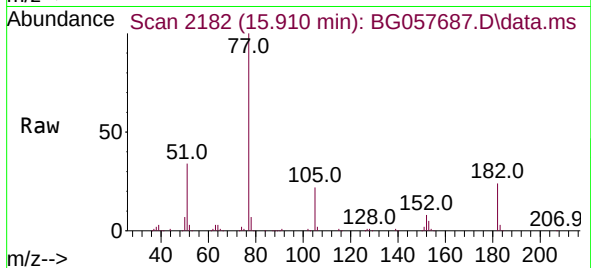
#63
Azobenzene
Concen: 37.639 ng
RT: 15.910 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

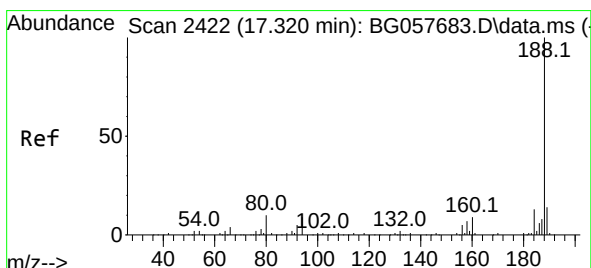
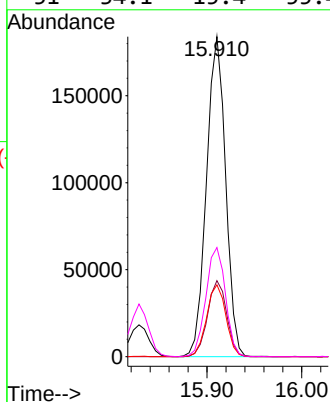
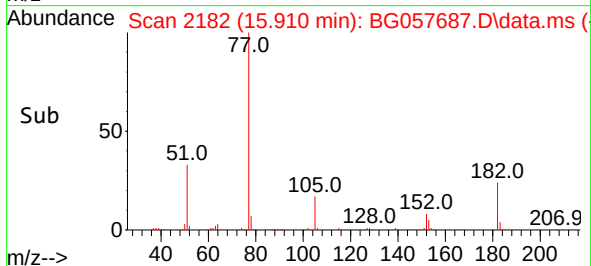


Tgt Ion: 77 Resp: 25785
Ion Ratio Lower Upper
77 100
182 23.7 4.3 44.3
105 22.5 3.6 43.6
51 34.1 15.4 55.4

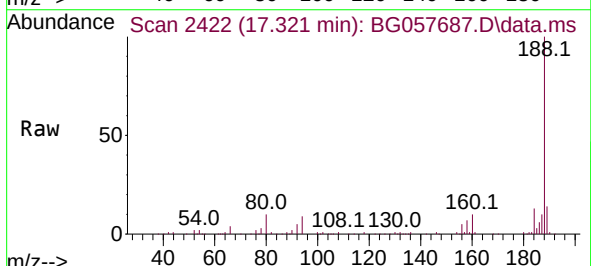
Manual Integrations

APPROVED

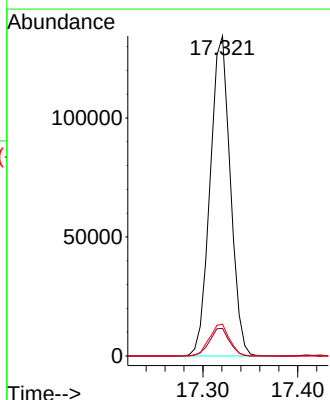
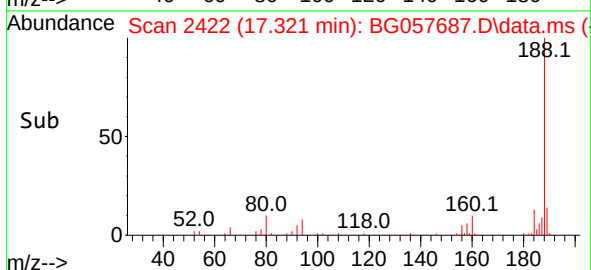
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

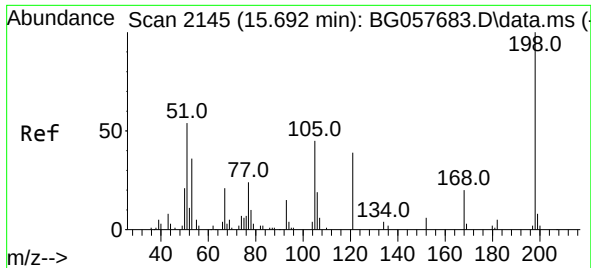


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:188 Resp: 199073
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.9 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 44.629 ng
RT: 15.693 min Scan# 2145
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

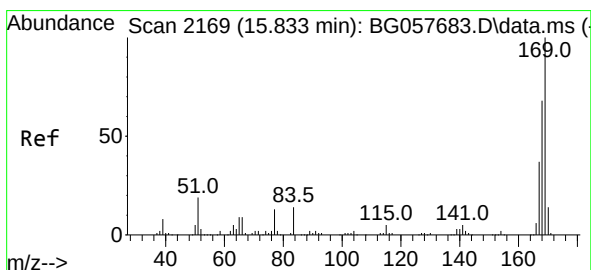
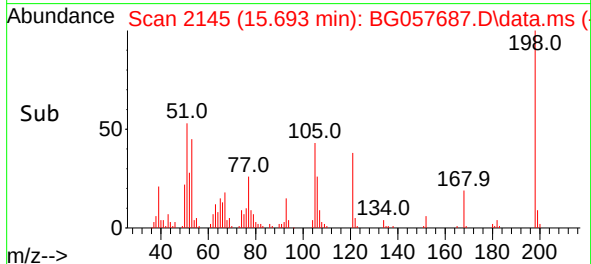
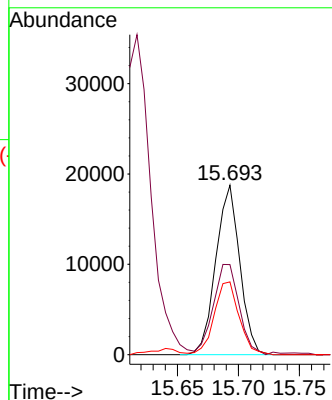
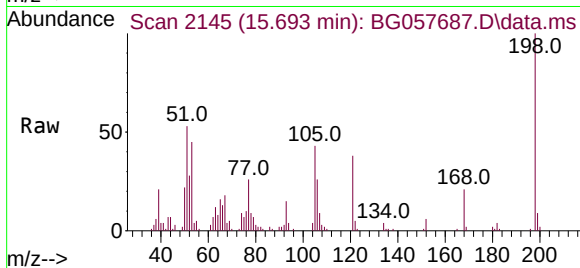
ClientSampleId :

ICVBG061223

Tgt Ion:198 Resp: 25648
Ion Ratio Lower Upper
198 100
51 53.2 39.8 79.8
105 42.9 27.2 67.2

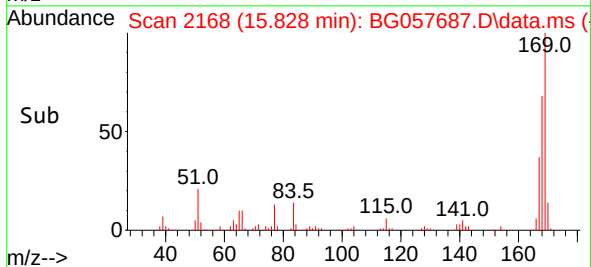
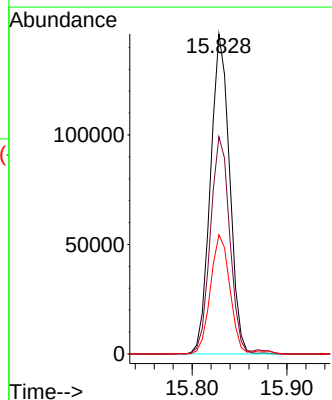
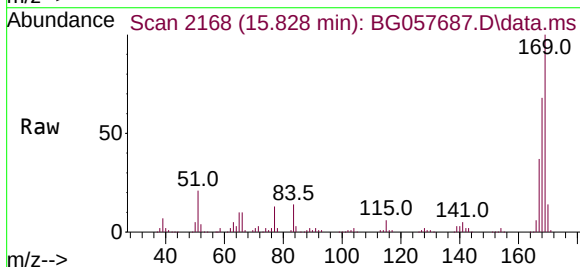
Manual Integrations
APPROVED

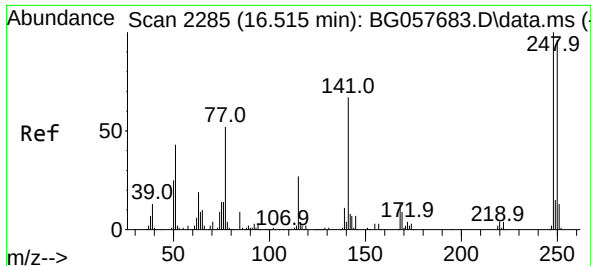
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#66
n-Nitrosodiphenylamine
Concen: 38.805 ng
RT: 15.828 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:169 Resp: 205253
Ion Ratio Lower Upper
169 100
168 67.9 54.8 82.2
167 37.2 29.4 44.2





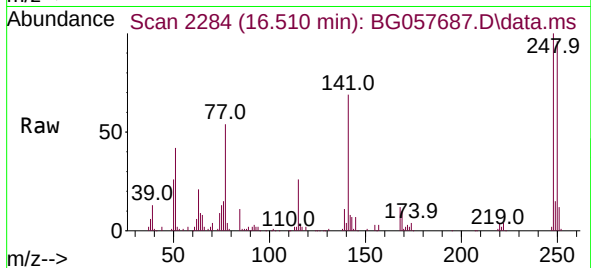
#67
4-Bromophenyl-phenylether
Concen: 39.502 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

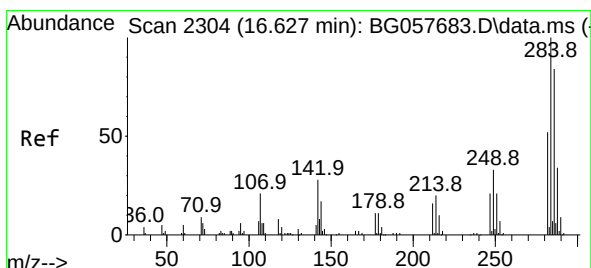
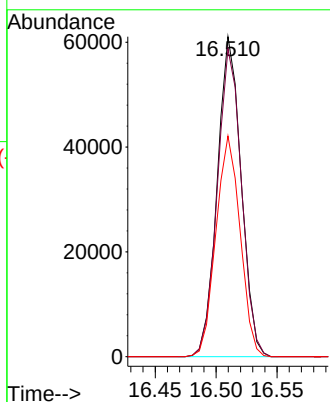
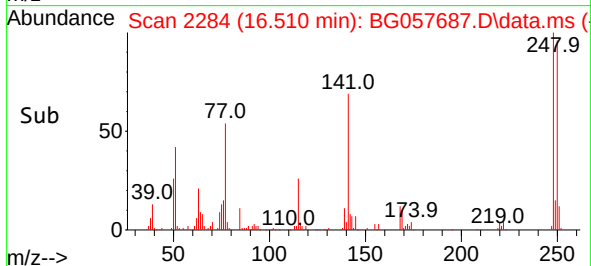


Tgt Ion:248 Resp: 83240
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 68.9 53.4 80.0

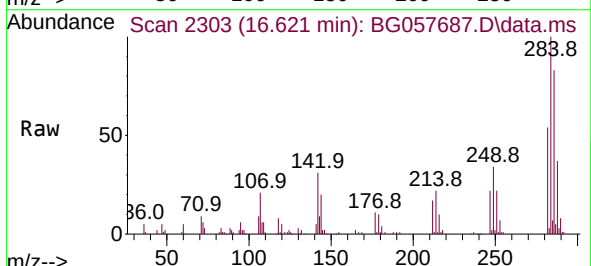
Manual Integrations

APPROVED

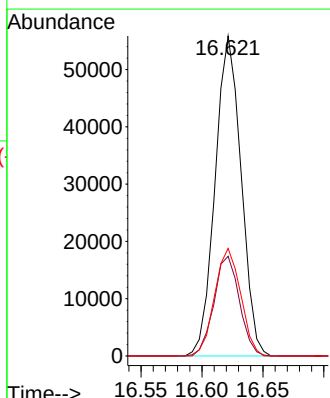
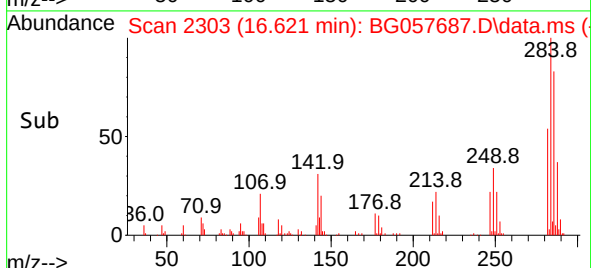
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

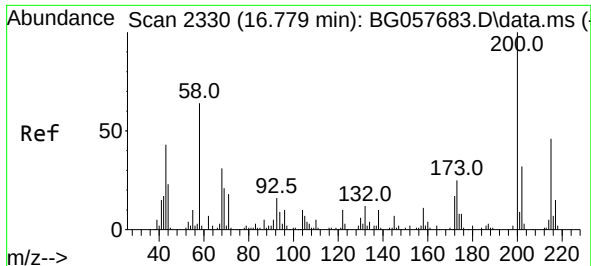


#68
Hexachlorobenzene
Concen: 39.256 ng
RT: 16.621 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:284 Resp: 82826
Ion Ratio Lower Upper
284 100
142 31.1 22.2 33.4
249 33.6 26.0 39.0





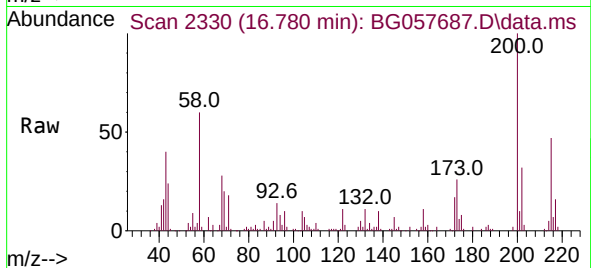
#69
 Atrazine
 Concen: 40.436 ng
 RT: 16.780 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057687.D
 Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

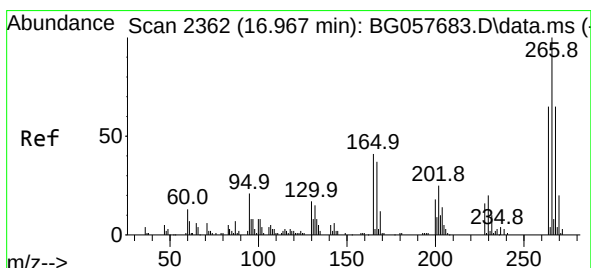
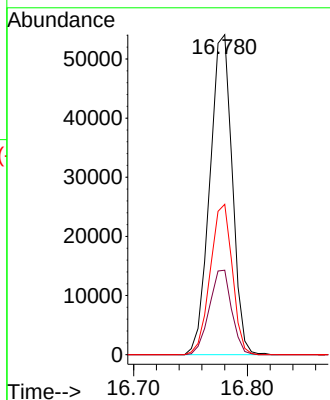
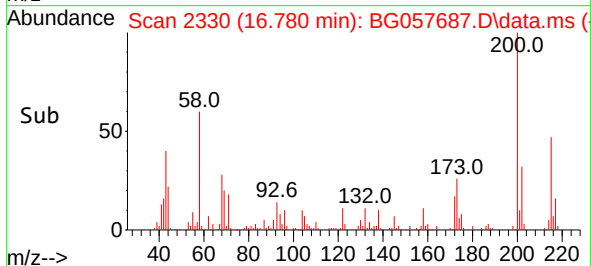


Tgt Ion:200 Resp: 74090
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.1 45.1
 215 47.0 26.3 66.3

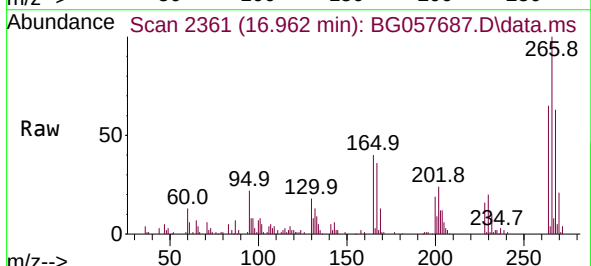
Manual Integrations

APPROVED

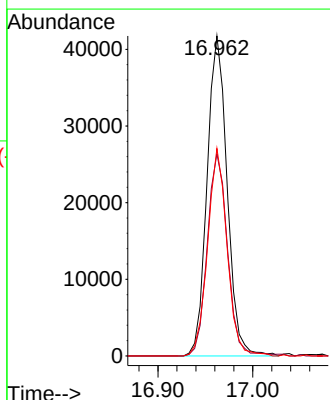
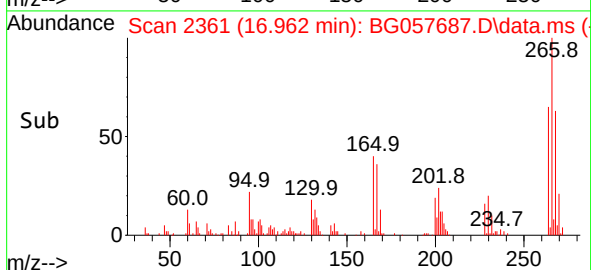
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

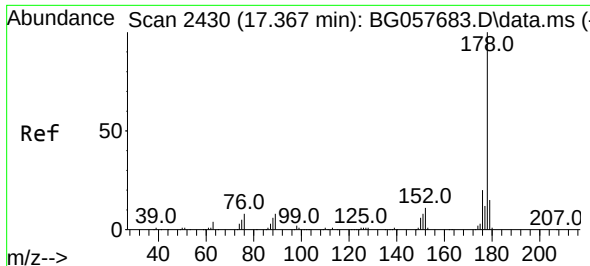


#70
 Pentachlorophenol
 Concen: 44.908 ng
 RT: 16.962 min Scan# 2361
 Delta R.T. -0.005 min
 Lab File: BG057687.D
 Acq: 12 Jun 2023 18:47



Tgt Ion:266 Resp: 61433
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.7 77.5
 264 64.8 51.8 77.8





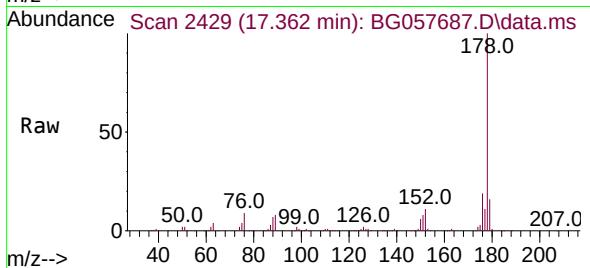
#71
Phenanthrene
Concen: 38.274 ng
RT: 17.362 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

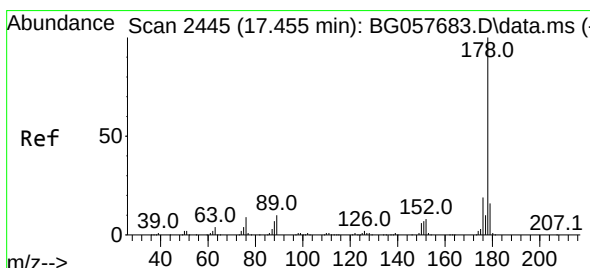
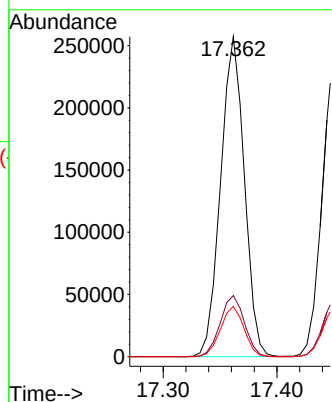
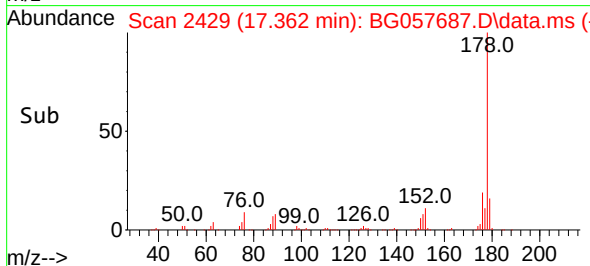


Tgt Ion:178 Resp: 37231
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.8 12.4 18.6

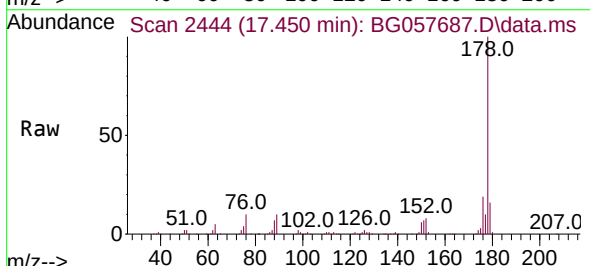
Manual Integrations

APPROVED

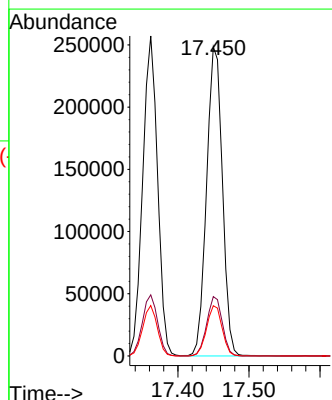
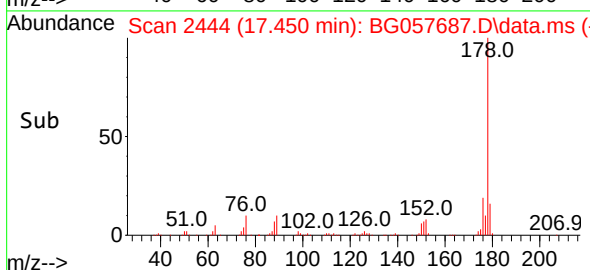
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

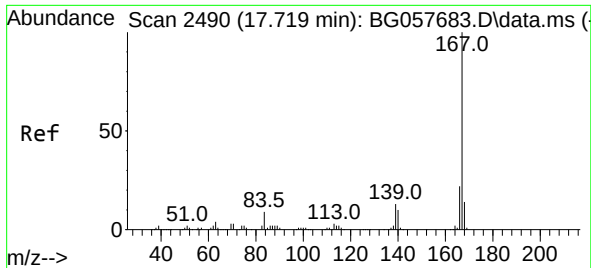


#72
Anthracene
Concen: 38.805 ng
RT: 17.450 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:178 Resp: 384942
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.3 12.6 19.0





#73
 Carbazole
 Concen: 38.612 ng
 RT: 17.720 min Scan# 2490
 Delta R.T. 0.001 min
 Lab File: BG057687.D
 Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

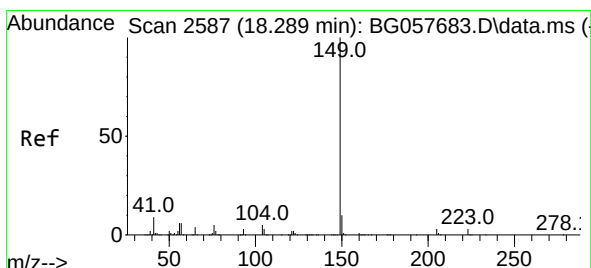
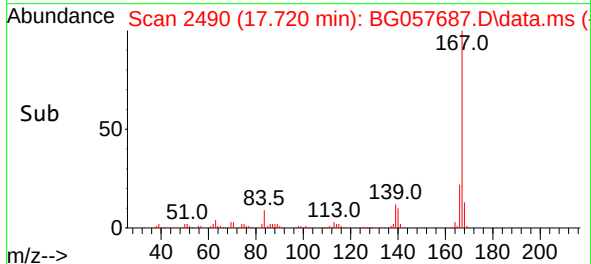
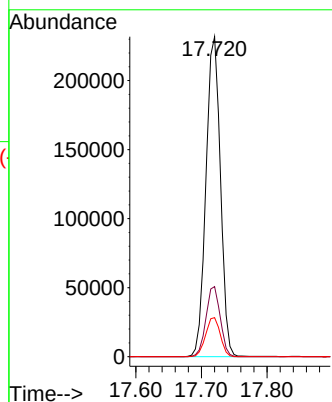
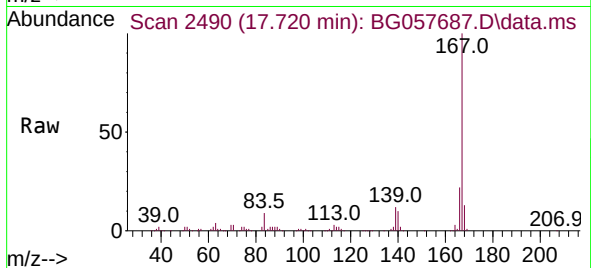
ICVBG061223

Tgt Ion:167 Resp: 355912
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 12.2 10.2 15.2

Manual Integrations

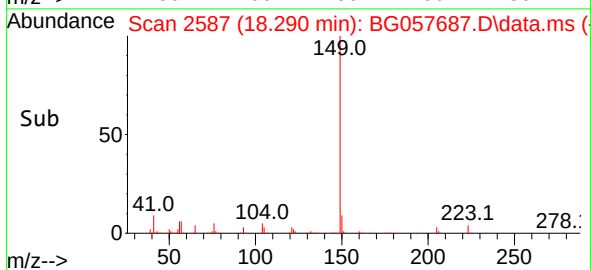
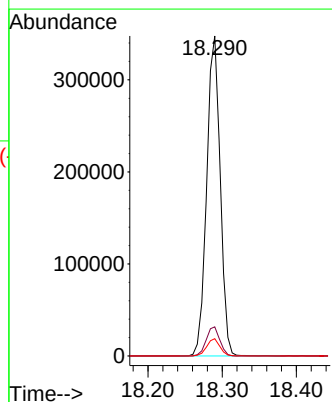
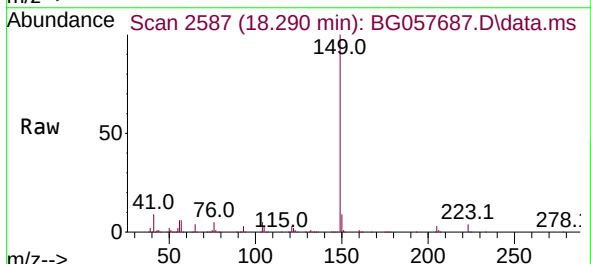
APPROVED

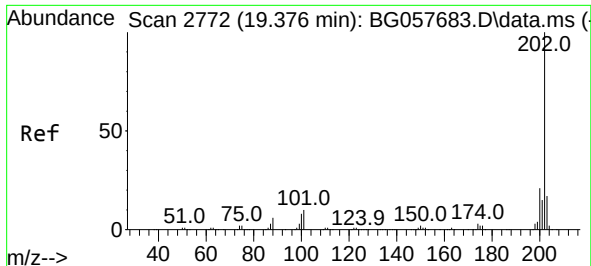
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023



#74
 Di-n-butylphthalate
 Concen: 40.025 ng
 RT: 18.290 min Scan# 2587
 Delta R.T. 0.001 min
 Lab File: BG057687.D
 Acq: 12 Jun 2023 18:47

Tgt Ion:149 Resp: 440695
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.8
 104 5.4 4.2 6.4





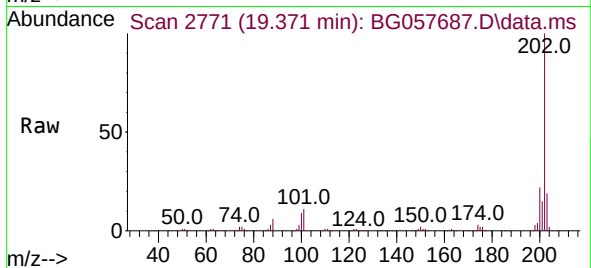
#75
Fluoranthene
Concen: 38.719 ng
RT: 19.371 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223



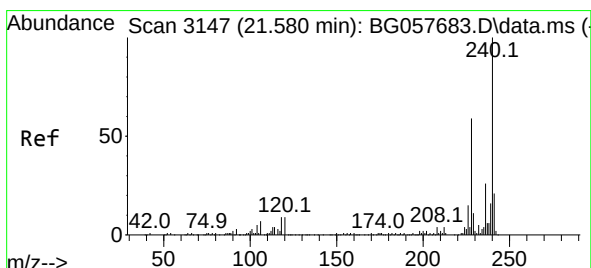
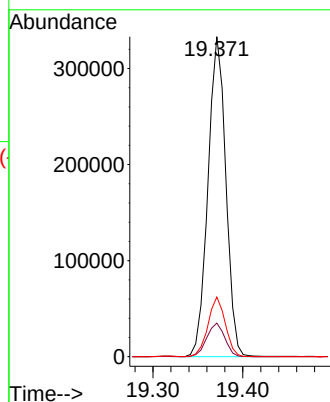
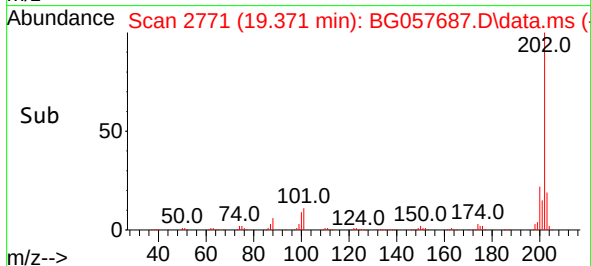
Tgt Ion:202 Resp: 46051
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.1
203 18.6 0.0 37.2

Manual Integrations

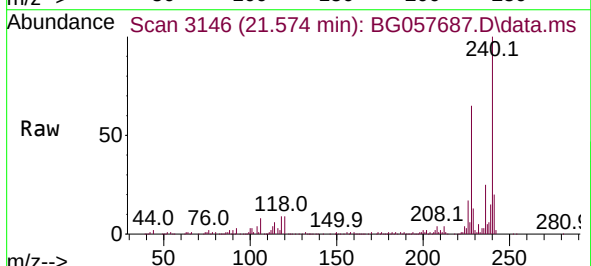
APPROVED

Reviewed By :Yogesh Patel 06/13/2023

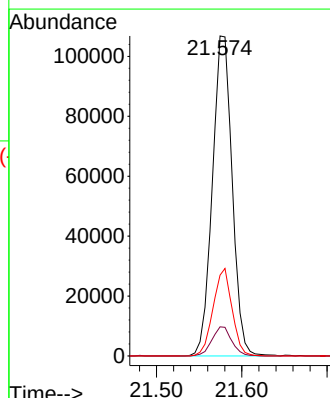
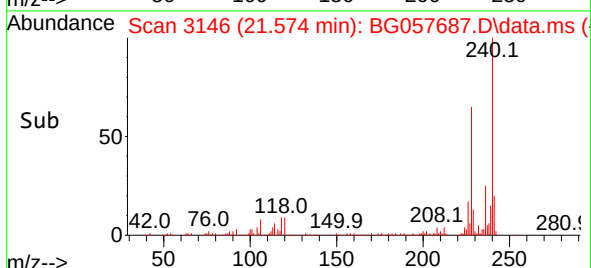
Supervised By :mohammad ahmed 06/13/2023

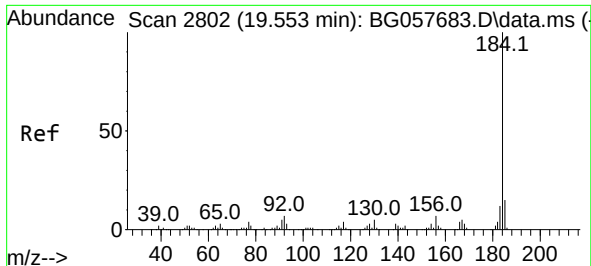


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



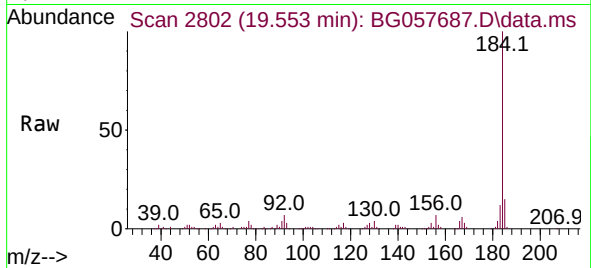
Tgt Ion:240 Resp: 172729
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 25.3 20.9 31.3





#77
Benzidine
Concen: 41.372 ng
RT: 19.553 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

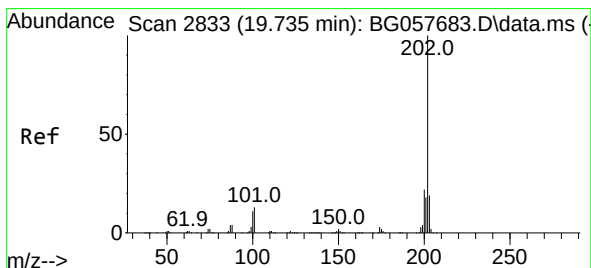
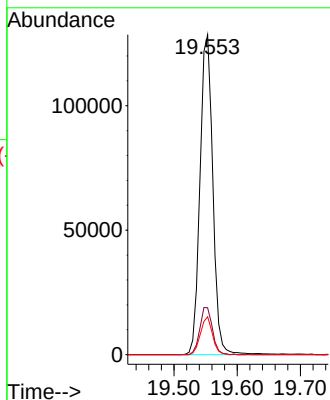
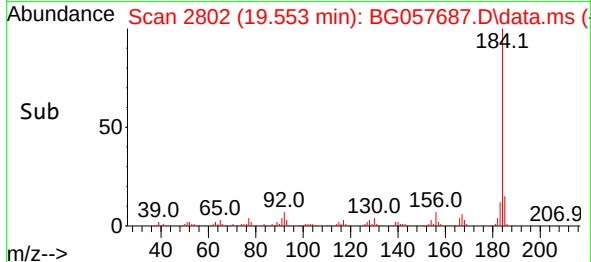
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



Tgt Ion:184 Resp: 18141
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.9 9.7 14.5

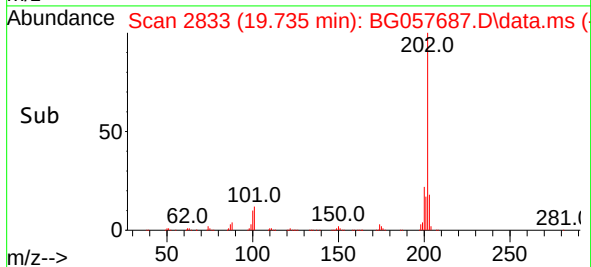
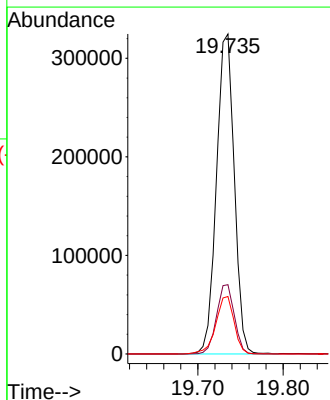
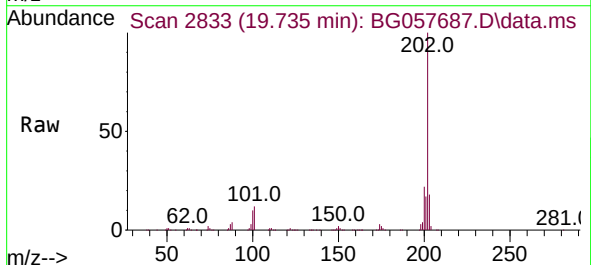
Manual Integrations
APPROVED

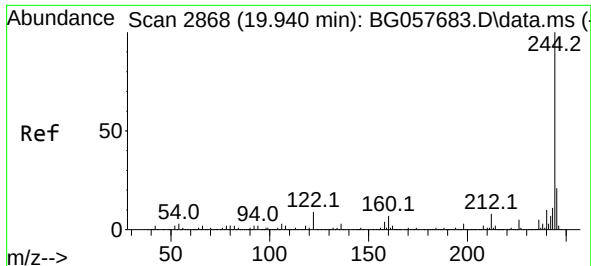
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#78
Pyrene
Concen: 38.582 ng
RT: 19.735 min Scan# 2833
Delta R.T. 0.001 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Tgt Ion:202 Resp: 471679
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 18.0 15.1 22.7





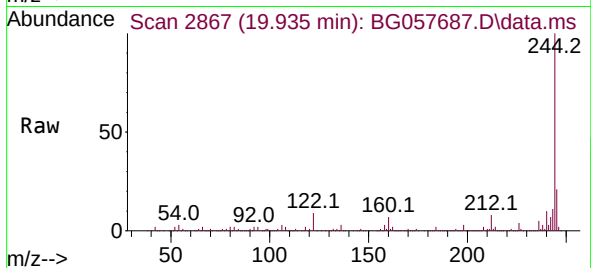
#79
 Terphenyl-d14
 Concen: 76.053 ng
 RT: 19.935 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057687.D
 Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

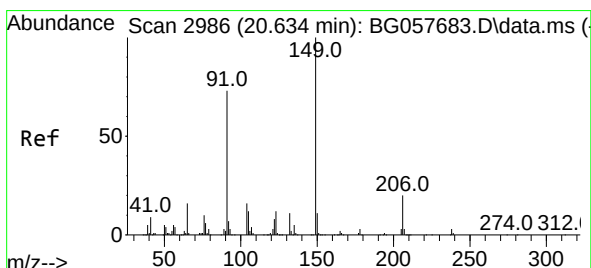
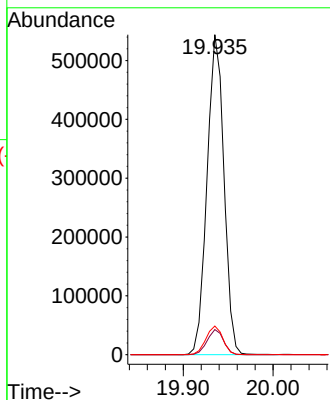
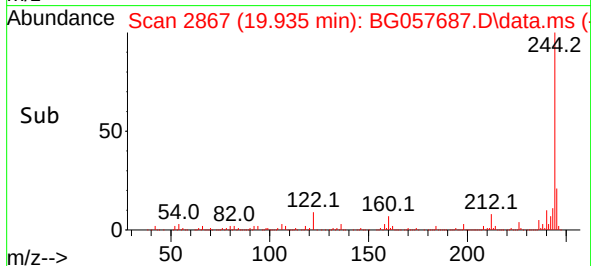


Tgt Ion:244 Resp: 711264
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 8.9 7.0 10.6

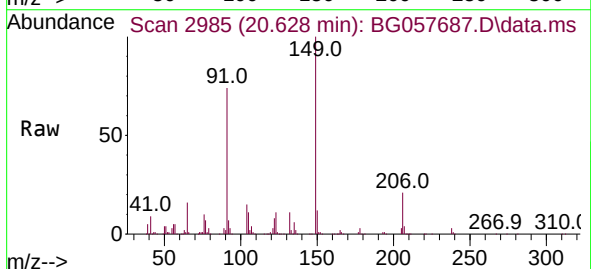
Manual Integrations

APPROVED

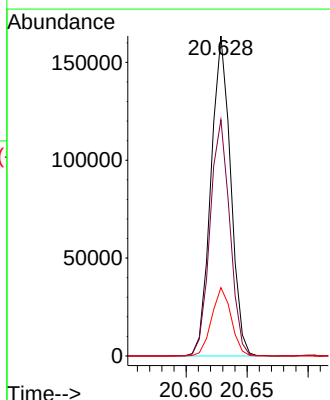
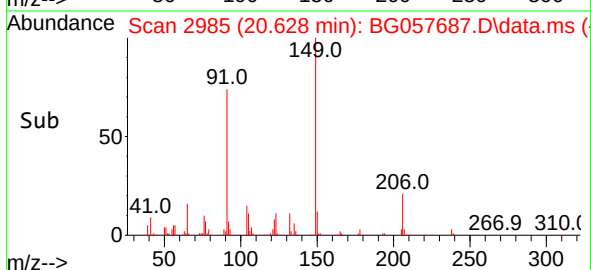
Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

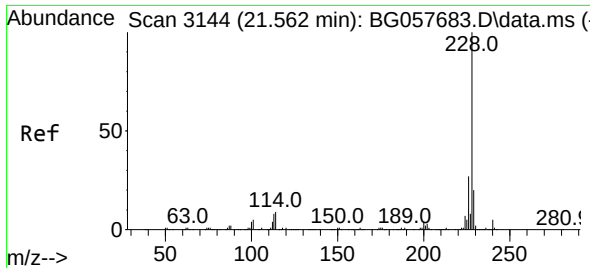


#80
 Butylbenzylphthalate
 Concen: 42.991 ng
 RT: 20.628 min Scan# 2985
 Delta R.T. -0.005 min
 Lab File: BG057687.D
 Acq: 12 Jun 2023 18:47



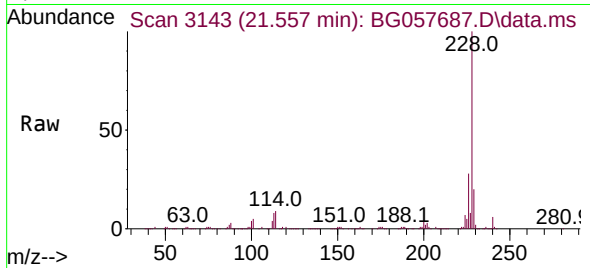
Tgt Ion:149 Resp: 183972
 Ion Ratio Lower Upper
 149 100
 91 73.9 58.0 87.0
 206 21.4 16.2 24.2





#81
Benzo(a)anthracene
Concen: 38.175 ng
RT: 21.557 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

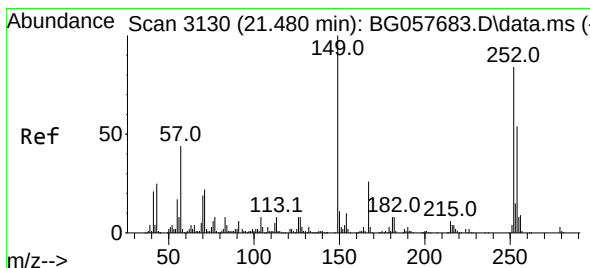
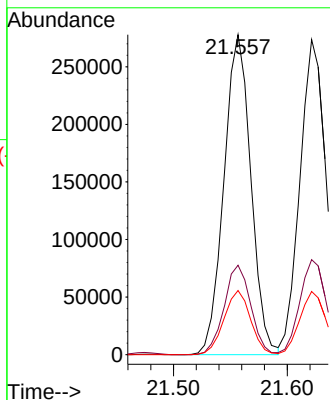
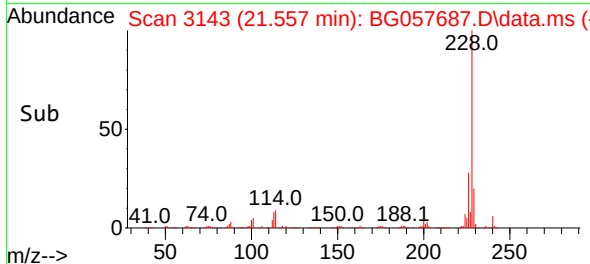
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



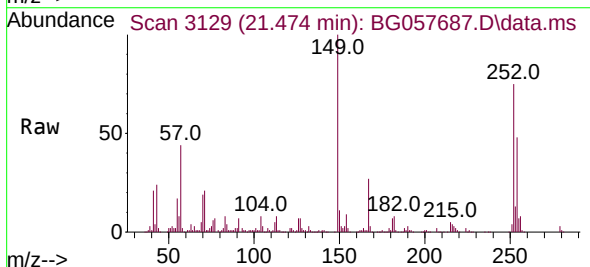
Tgt Ion:228 Resp: 45810
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.0 15.9 23.9

Manual Integrations
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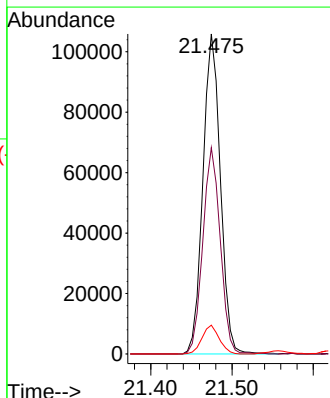
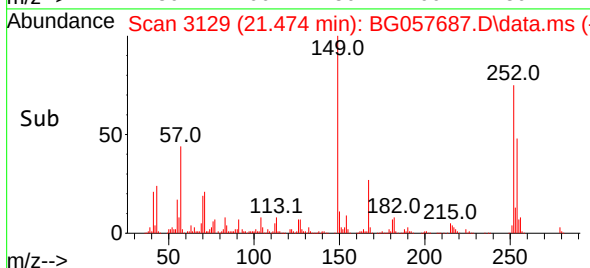
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

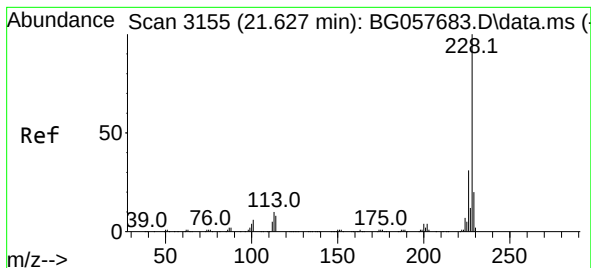


#82
3,3'-Dichlorobenzidine
Concen: 39.744 ng
RT: 21.474 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:252 Resp: 157919
Ion Ratio Lower Upper
252 100
254 64.5 51.1 76.7
126 9.0 7.3 10.9





#83

Chrysene

Concen: 38.136 ng

RT: 21.621 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

Tgt Ion:228 Resp: 434075

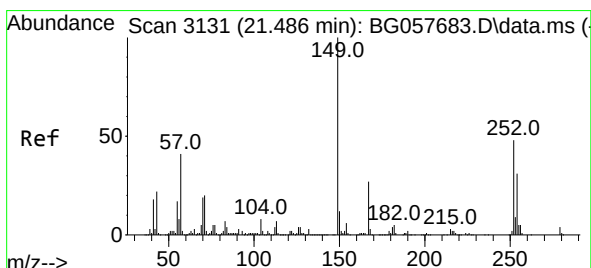
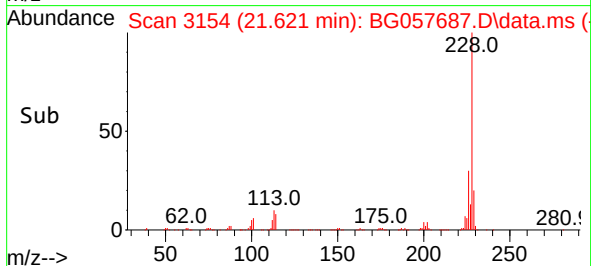
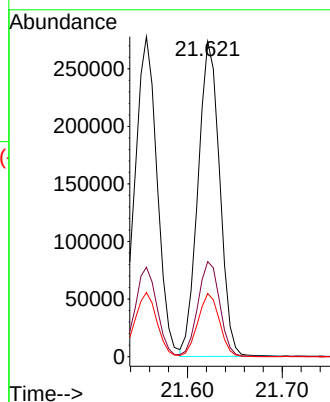
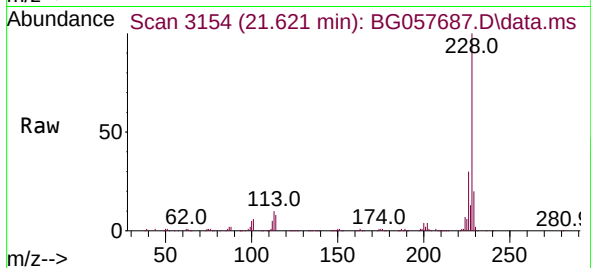
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.0	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.035 ng

RT: 21.480 min Scan# 3130

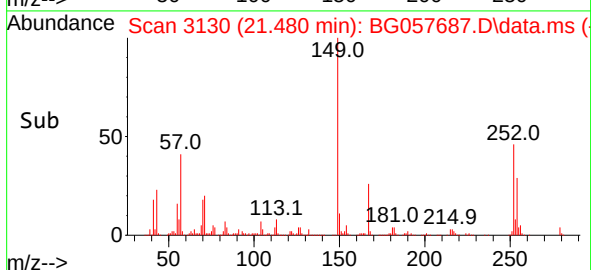
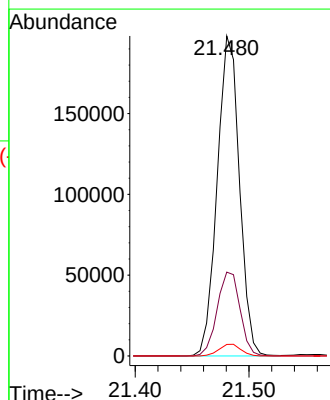
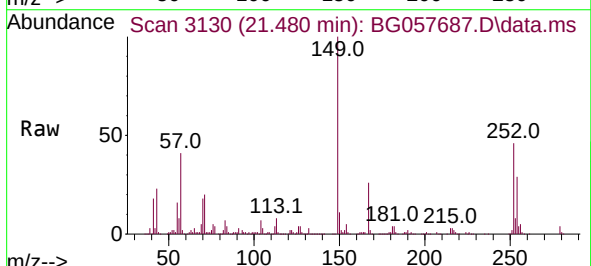
Delta R.T. -0.005 min

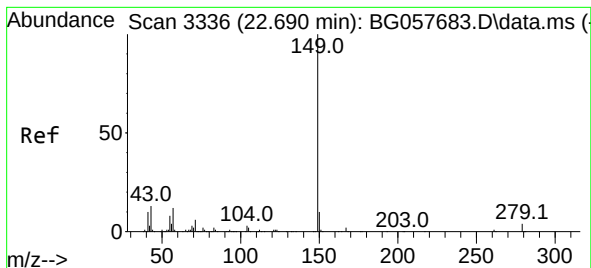
Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Tgt Ion:149 Resp: 268689

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.6	32.4
279	3.6	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 42.267 ng

RT: 22.679 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

Tgt Ion:149 Resp: 46741

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

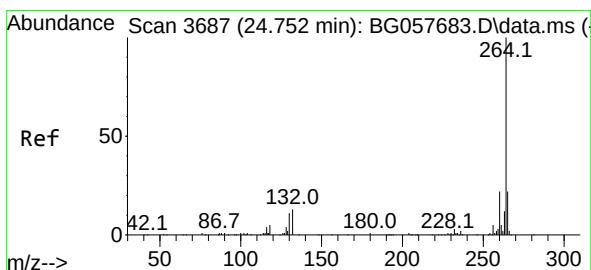
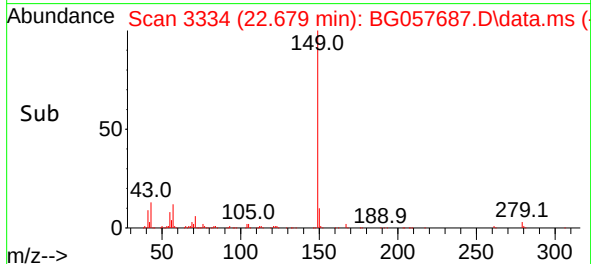
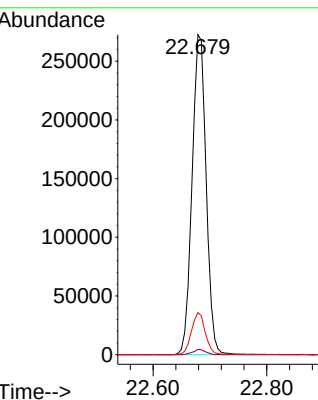
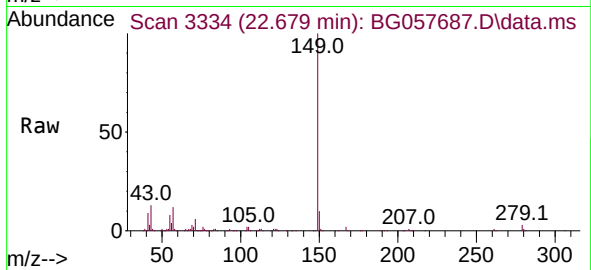
43 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/13/2023

Supervised By :mohammad ahmed 06/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.741 min Scan# 3685

Delta R.T. -0.011 min

Lab File: BG057687.D

Acq: 12 Jun 2023 18:47

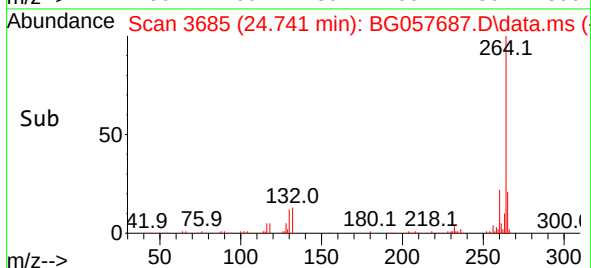
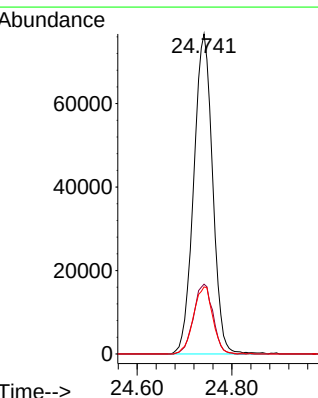
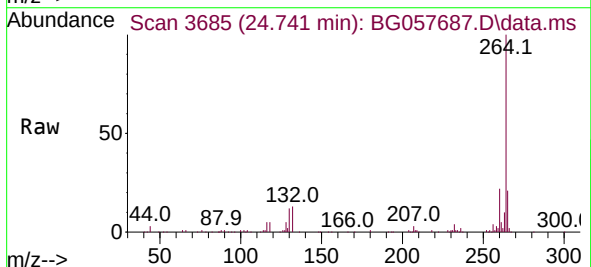
Tgt Ion:264 Resp: 212075

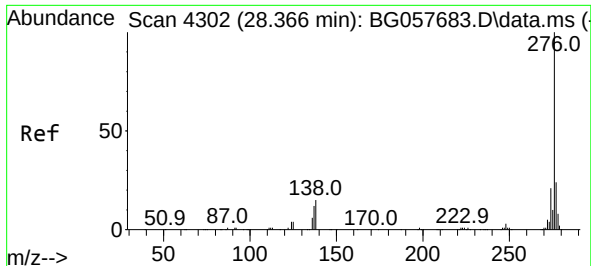
Ion Ratio Lower Upper

264 100

260 21.8 17.6 26.4

265 21.0 17.4 26.0





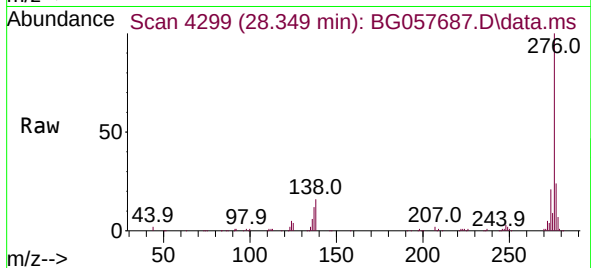
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.750 ng
RT: 28.349 min Scan# 4299
Delta R.T. -0.017 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

ICVBG061223

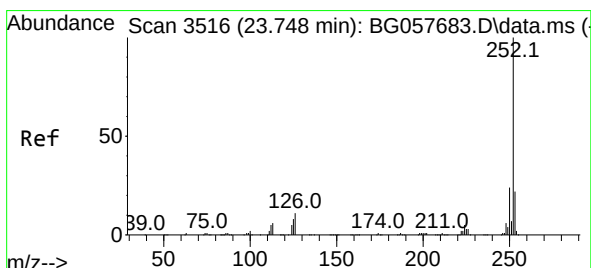
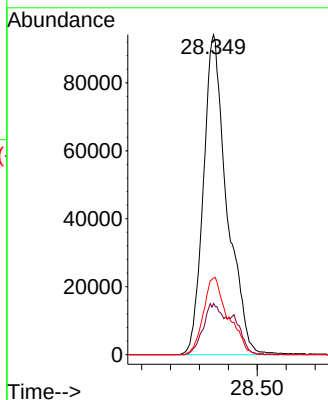
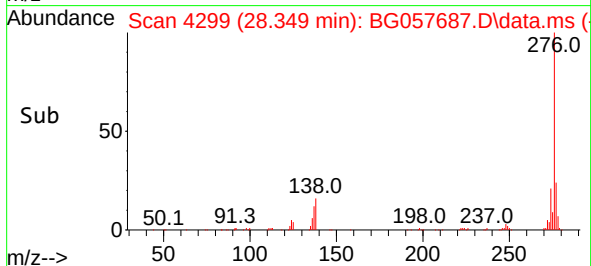


Tgt Ion:276 Resp: 532219
Ion Ratio Lower Upper
276 100
138 13.9 11.5 17.3
277 25.4 20.1 30.1

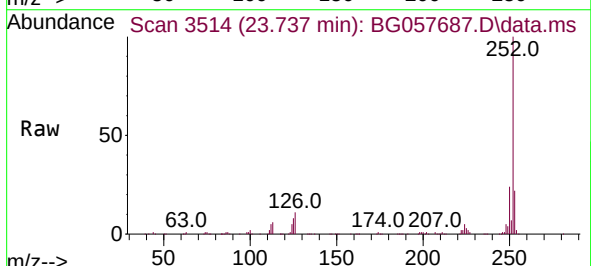
Manual Integrations

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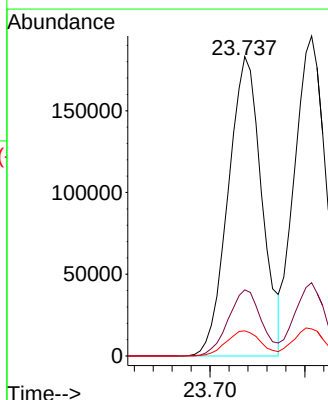
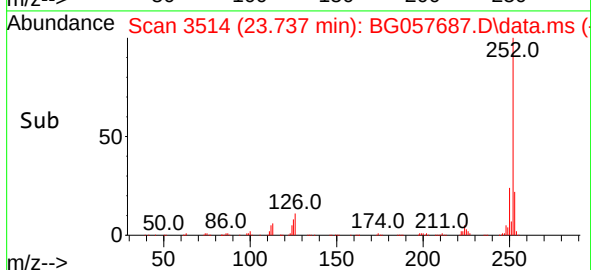
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

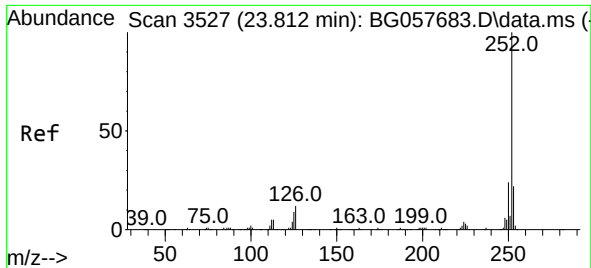


#88
Benzo(b)fluoranthene
Concen: 39.090 ng
RT: 23.737 min Scan# 3514
Delta R.T. -0.011 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:252 Resp: 451146
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.4 6.6 10.0





#89
Benzo(k)fluoranthene
Concen: 38.325 ng
RT: 23.807 min Scan# 3526
Delta R.T. -0.005 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

Instrument :

BNA_G

ClientSampleId :

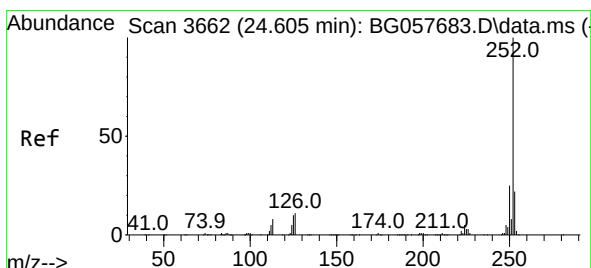
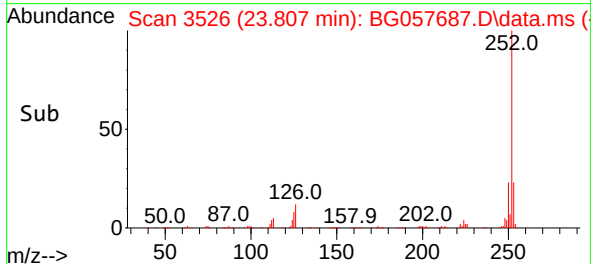
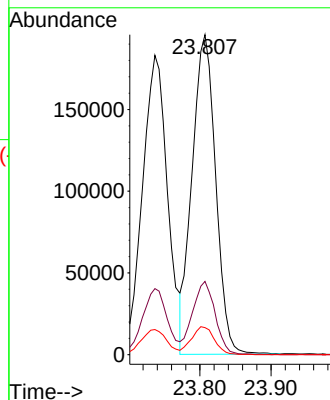
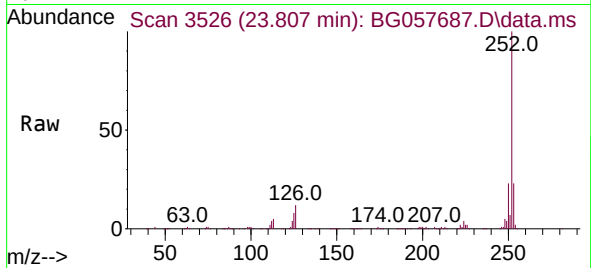
ICVBG061223

Tgt Ion:252 Resp: 45067
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 8.5 7.0 10.6

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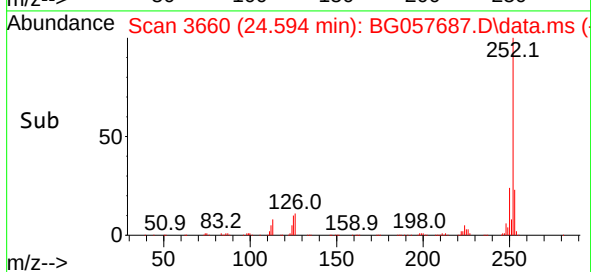
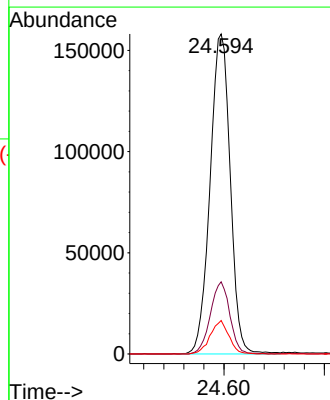
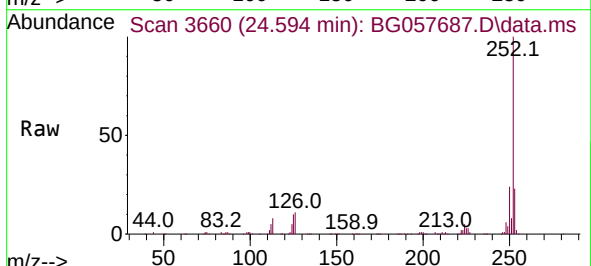
APPROVED

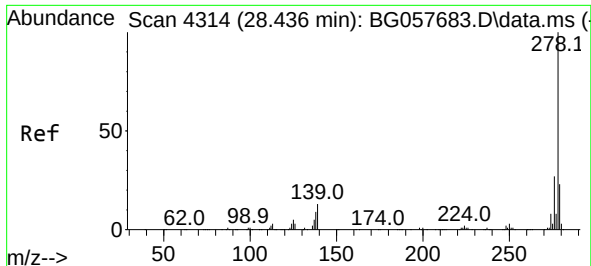
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#90
Benzo(a)pyrene
Concen: 38.910 ng
RT: 24.594 min Scan# 3660
Delta R.T. -0.011 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

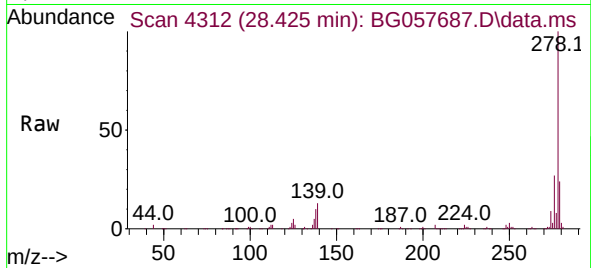
Tgt Ion:252 Resp: 441268
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.4 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 38.449 ng
RT: 28.425 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47

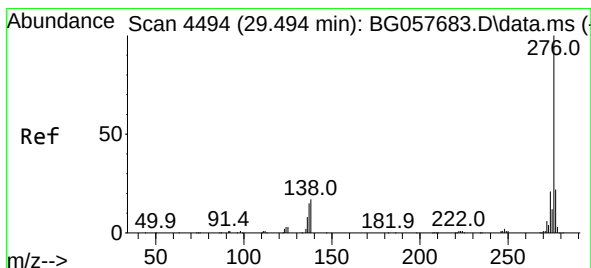
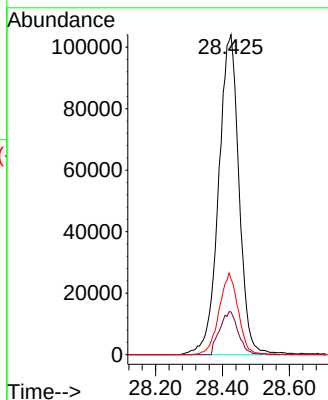
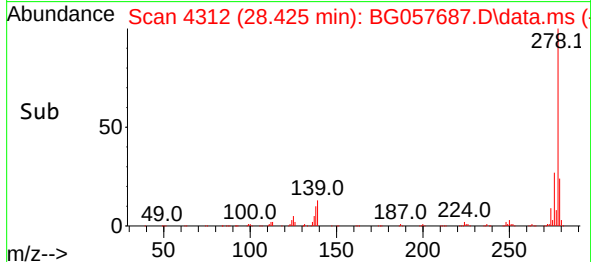
Instrument :
BNA_G
ClientSampleId :
ICVBG061223



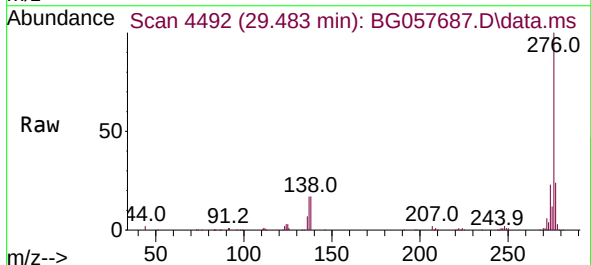
Tgt Ion:278 Resp: 44047
Ion Ratio Lower Upper
278 100
139 13.4 10.1 15.1
279 23.7 18.6 28.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023



#92
Benzo(g,h,i)perylene
Concen: 38.602 ng
RT: 29.483 min Scan# 4492
Delta R.T. -0.011 min
Lab File: BG057687.D
Acq: 12 Jun 2023 18:47



Tgt Ion:276 Resp: 436618
Ion Ratio Lower Upper
276 100
277 23.8 17.5 26.3
138 17.3 13.6 20.4

