

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057727.D
 Acq On : 15 Jun 2023 16:45
 Operator : CG/JU
 Sample : 03157-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-622-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 16 01:12:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	36616	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	149410	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	97119	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	225250	20.000	ng	0.00
76) Chrysene-d12	21.572	240	193844	20.000	ng	0.00
86) Perylene-d12	24.733	264	241150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	401605	178.591	ng	0.00
7) Phenol-d6	7.101	99	530730	153.630	ng	0.00
23) Nitrobenzene-d5	9.098	82	330698	128.456	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	221616	204.534	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	723689	111.073	ng	0.00
79) Terphenyl-d14	19.933	244	1210598	115.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	47948	41.881	ng	# 53
3) Pyridine	3.834	79	122218	37.711	ng	91
4) n-Nitrosodimethylamine	3.740	42	73132	46.267	ng	86
6) Aniline	7.265	93	165000	36.404	ng	96
8) 2-Chlorophenol	7.506	128	136061	63.107	ng	92
9) Benzaldehyde	7.077	77	70450m	33.085	ng	
10) Phenol	7.124	94	181570	53.788	ng	98
11) bis(2-Chloroethyl)ether	7.359	93	134693	50.908	ng	98
12) 1,3-Dichlorobenzene	7.829	146	125702	50.401	ng	94
13) 1,4-Dichlorobenzene	7.976	146	126553	51.179	ng	98
14) 1,2-Dichlorobenzene	8.293	146	123663	51.470	ng	98
15) Benzyl Alcohol	8.176	79	145079	54.834	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.470	45	262756	45.609	ng	98
17) 2-Methylphenol	8.376	107	129972	52.322	ng	96
18) Hexachloroethane	9.022	117	44163	57.792	ng	97
19) n-Nitroso-di-n-propyla...	8.746	70	117347	46.978	ng	96
20) 3+4-Methylphenols	8.705	107	178794	52.642	ng	96
22) Acetophenone	8.764	105	225995	52.066	ng	# 95
24) Nitrobenzene	9.140	77	158641	57.744	ng	97
25) Isophorone	9.662	82	338727	48.912	ng	99
26) 2-Nitrophenol	9.851	139	62050	71.267	ng	90
27) 2,4-Dimethylphenol	9.909	122	137881	59.625	ng	98
28) bis(2-Chloroethoxy)met...	10.150	93	194990	54.164	ng	97
29) 2,4-Dichlorophenol	10.385	162	133967	68.294	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	134714	52.838	ng	97
31) Naphthalene	10.791	128	409093	50.946	ng	99
32) Benzoic acid	10.027	122	61793	68.381	ng	97
33) 4-Chloroaniline	10.896	127	57938	15.497	ng	94
34) Hexachlorobutadiene	11.078	225	80179	50.009	ng	99
35) Caprolactam	11.678	113	44670m	55.202	ng	
36) 4-Chloro-3-methylphenol	12.019	107	164956	59.358	ng	96
37) 2-Methylnaphthalene	12.400	142	286401	48.210	ng	98
38) 1-Methylnaphthalene	12.618	142	271862	48.780	ng	99
40) 1,2,4,5-Tetrachloroben...	12.765	216	154181	56.082	ng	99
41) Hexachlorocyclopentadiene	12.747	237	173072	165.054	ng	95
43) 2,4,6-Trichlorophenol	13.000	196	116126	64.066	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	127806	59.860	ng	94
46) 1,1'-Biphenyl	13.405	154	386433	57.589	ng	99
47) 2-Chloronaphthalene	13.452	162	296545	58.471	ng	97
48) 2-Nitroaniline	13.646	65	108203	67.878	ng	96
49) Acenaphthylene	14.292	152	487662	55.445	ng	98
50) Dimethylphthalate	14.028	163	405678	56.970	ng	99
51) 2,6-Dinitrotoluene	14.145	165	84109	69.688	ng	# 82
52) Acenaphthene	14.633	154	318511m	60.414	ng	
53) 3-Nitroaniline	14.475	138	49005	41.799	ng	# 90
54) 2,4-Dinitrophenol	14.674	184	61034	112.858	ng	95
55) Dibenzofuran	14.968	168	475195	53.697	ng	99
56) 4-Nitrophenol	14.774	139	139211	111.251	ng	92
57) 2,4-Dinitrotoluene	14.933	165	113222	71.610	ng	# 88
58) Fluorene	15.620	166	376333	53.384	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.191	232	112279	62.976	ng	99
60) Diethylphthalate	15.391	149	413203	56.213	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	198486	52.555	ng	98
62) 4-Nitroaniline	15.638	138	88550	63.875	ng	89
63) Azobenzene	15.902	77	414934	52.498	ng	99
65) 4,6-Dinitro-2-methylph...	15.691	198	52178	77.558	ng	88
66) n-Nitrosodiphenylamine	15.826	169	333478	56.634	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	134046	58.444	ng	97
68) Hexachlorobenzene	16.619	284	142739	59.550	ng	98
69) Atrazine	16.778	200	135595	69.214	ng	98
70) Pentachlorophenol	16.960	266	181806	126.340	ng	96
71) Phenanthrene	17.359	178	614067	55.867	ng	99
72) Anthracene	17.447	178	623114	55.960	ng	99
73) Carbazole	17.718	167	599451	58.130	ng	99
74) Di-n-butylphthalate	18.282	149	726299	63.542	ng	98
75) Fluoranthene	19.369	202	736628	55.631	ng	100
77) Benzidine	19.545	184	116976	25.314	ng	98
78) Pyrene	19.727	202	761233	55.193	ng	100
80) Butylbenzylphthalate	20.620	149	326395	63.566	ng	99
81) Benzo(a)anthracene	21.554	228	757351	56.574	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	176936	40.578	ng	99
83) Chrysene	21.619	228	707435	55.528	ng	98
84) Bis(2-ethylhexyl)phtha...	21.472	149	460428	67.761	ng	100
85) Di-n-octyl phthalate	22.665	149	844156	72.048	ng	97
87) Indeno(1,2,3-cd)pyrene	28.341	276	948172	60.767	ng	98
88) Benzo(b)fluoranthene	23.728	252	810589	61.961	ng	99
89) Benzo(k)fluoranthene	23.799	252	793866	58.510	ng	97
90) Benzo(a)pyrene	24.586	252	722275	56.153	ng	98
91) Dibenzo(a,h)anthracene	28.411	278	788256	61.133	ng	99
92) Benzo(g,h,i)perylene	29.475	276	777853	60.441	ng	97

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

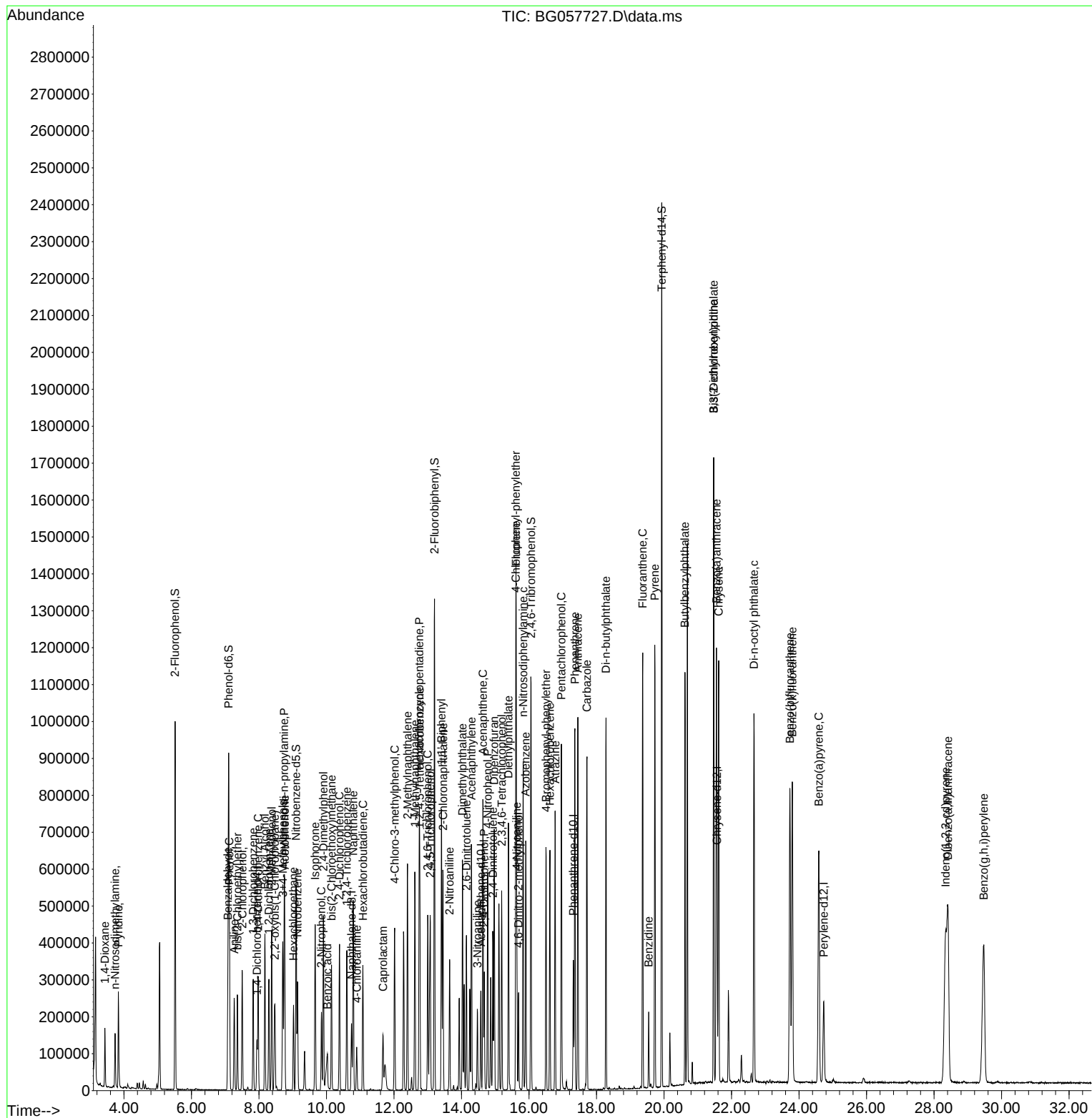
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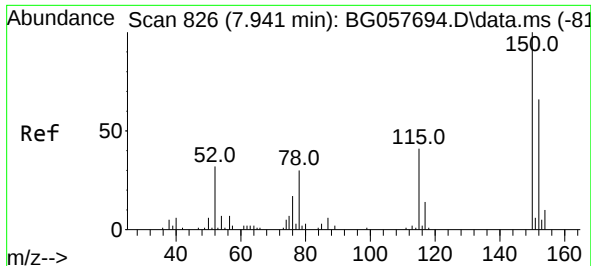
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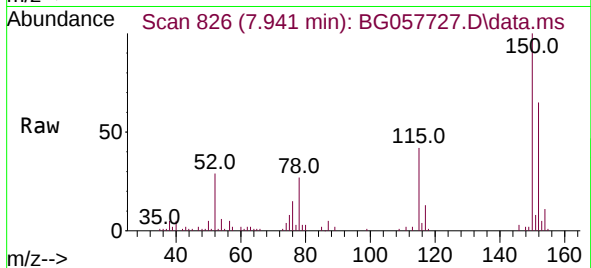
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

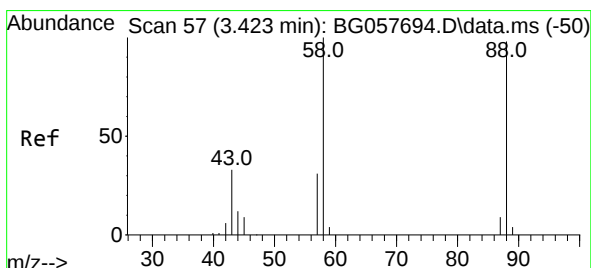
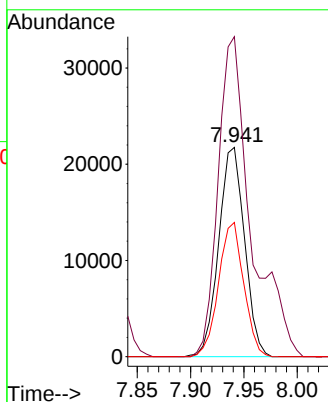
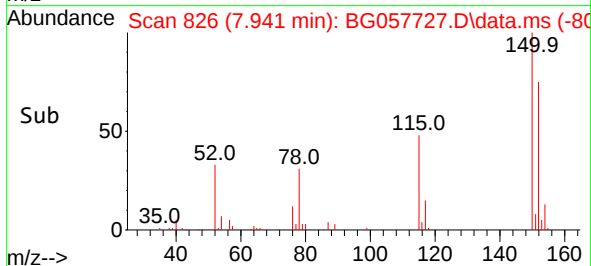
Instrument :
BNA_G
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Tgt Ion:152 Resp: 36610
Ion Ratio Lower Upper
152 100
150 152.9 120.8 181.2
115 64.2 49.4 74.2

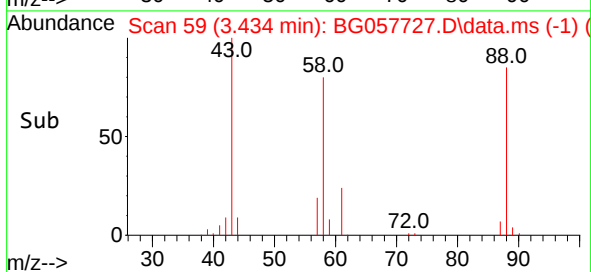
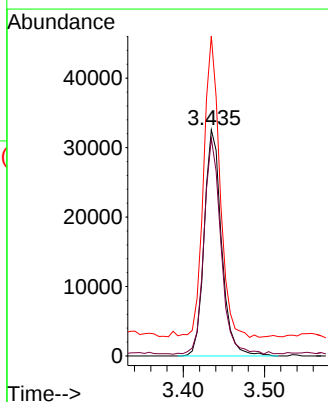
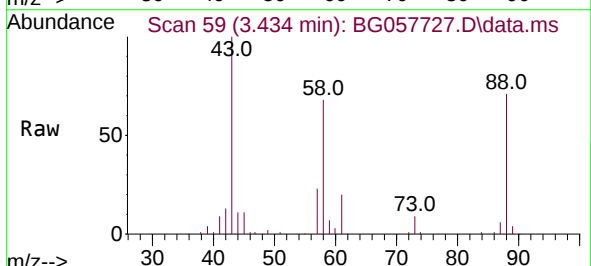
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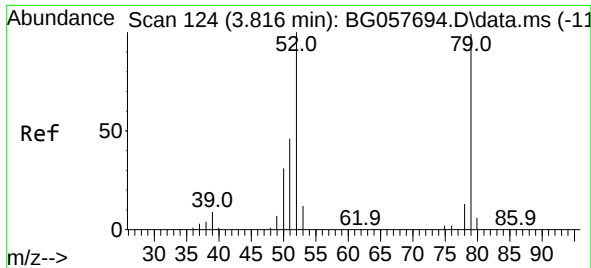
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 41.881 ng
RT: 3.434 min Scan# 59
Delta R.T. 0.011 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

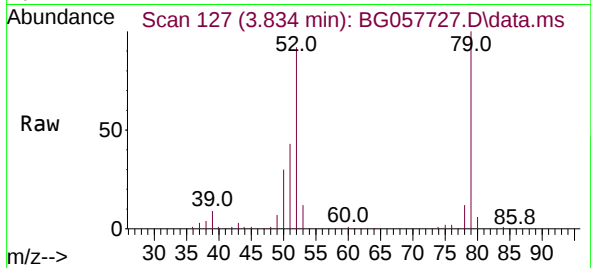
Tgt Ion: 88 Resp: 47948
Ion Ratio Lower Upper
88 100
58 93.7 83.0 124.6
43 124.3 26.2 39.4





#3
Pyridine
Concen: 37.711 ng
RT: 3.834 min Scan# 110
Delta R.T. 0.022 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

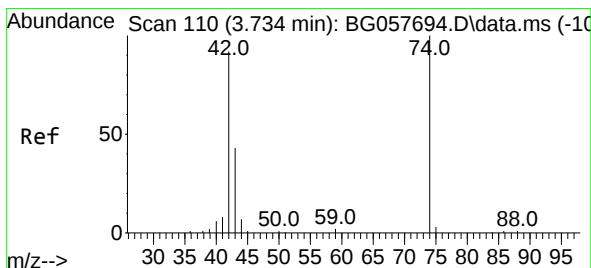
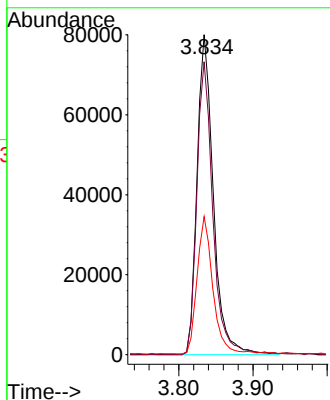
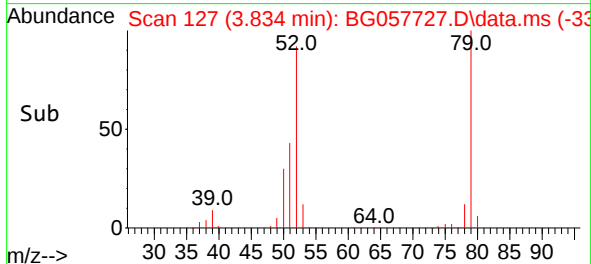
Instrument :
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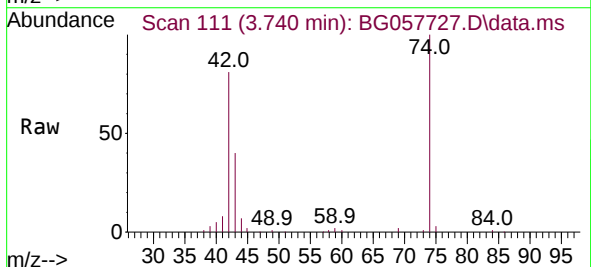
Tgt Ion: 79 Resp: 122218
Ion Ratio Lower Upper
79 100
52 91.5 81.1 121.7
51 43.2 38.0 57.0

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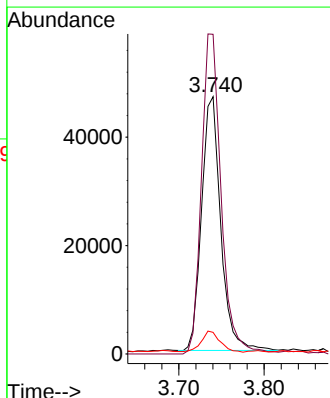
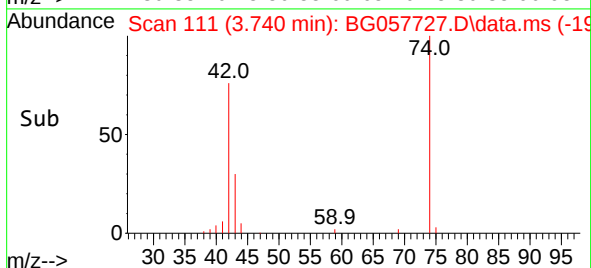
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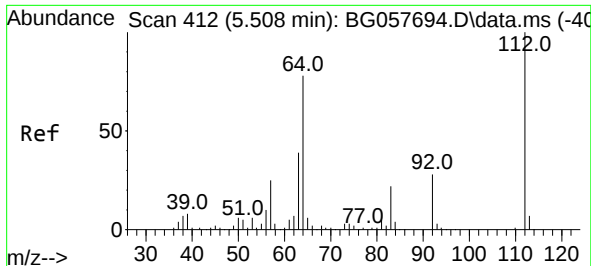


#4
n-Nitrosodimethylamine
Concen: 46.267 ng
RT: 3.740 min Scan# 111
Delta R.T. 0.011 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



Tgt Ion: 42 Resp: 73132
Ion Ratio Lower Upper
42 100
74 124.2 86.8 130.2
44 8.4 7.5 11.3





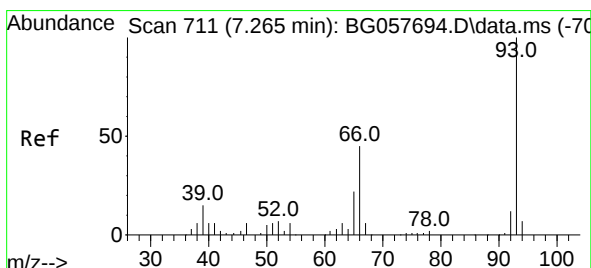
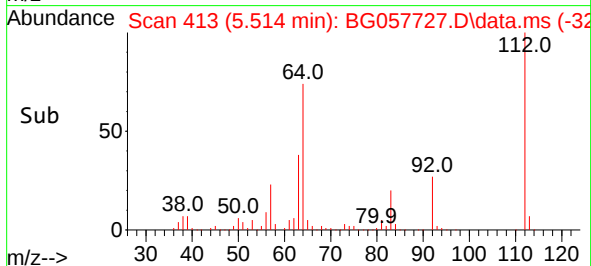
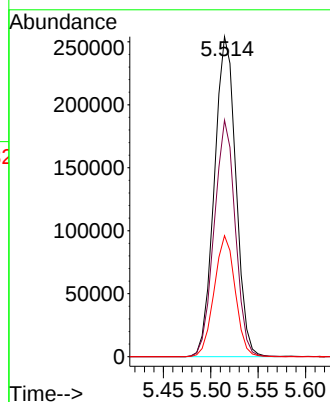
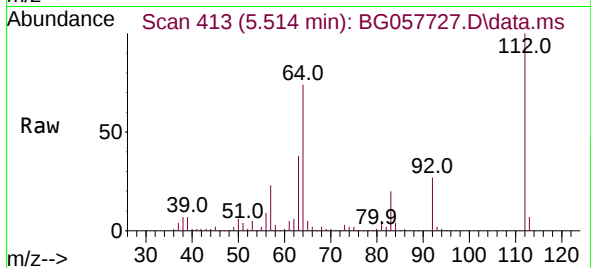
#5
2-Fluorophenol
Concen: 178.591 ng
RT: 5.514 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
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ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:112 Resp: 401600
Ion Ratio Lower Upper
112 100
64 73.9 62.3 93.5
63 37.8 31.5 47.3

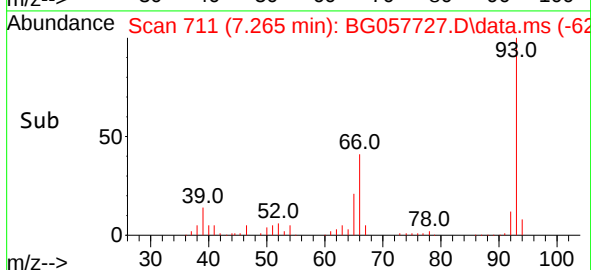
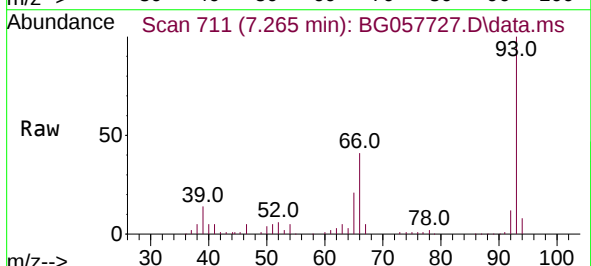
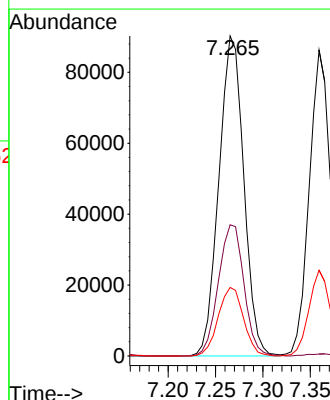
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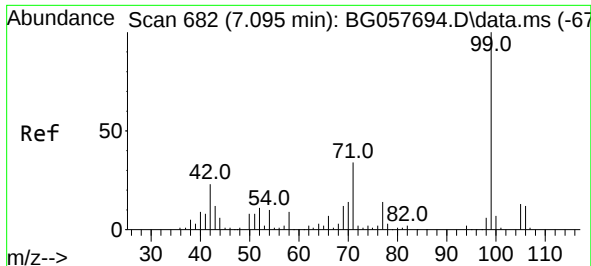
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 36.404 ng
RT: 7.265 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

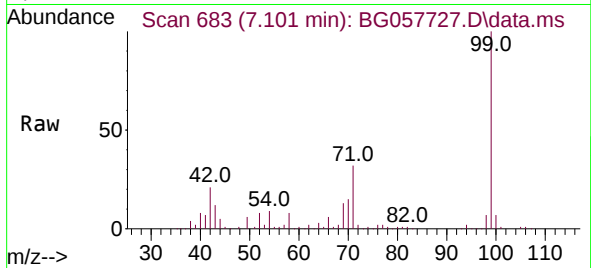
Tgt Ion: 93 Resp: 165000
Ion Ratio Lower Upper
93 100
66 41.0 36.1 54.1
65 21.4 17.2 25.8





#7
Phenol-d6
Concen: 153.630 ng
RT: 7.101 min Scan# 683
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

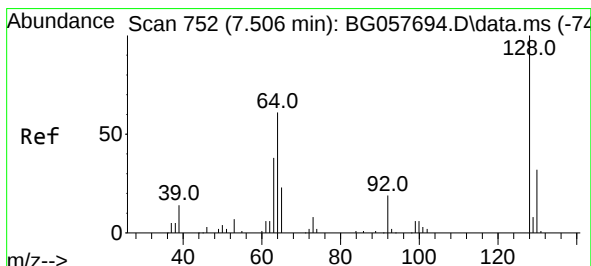
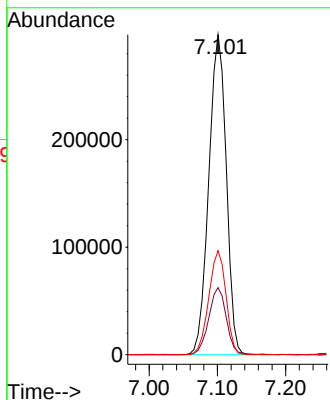
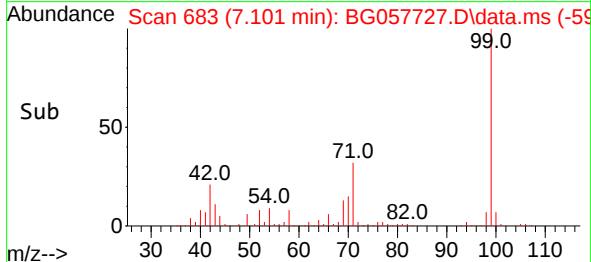
Instrument :
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Tgt Ion: 99 Resp: 530730
Ion Ratio Lower Upper
99 100
42 21.0 18.3 27.5
71 32.5 27.5 41.3

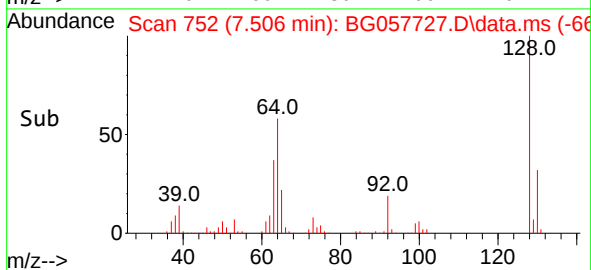
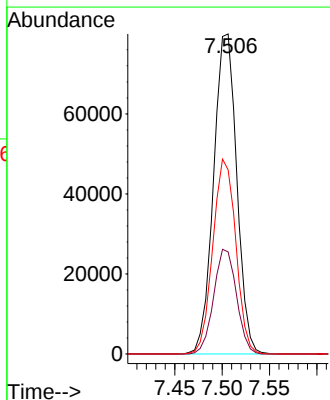
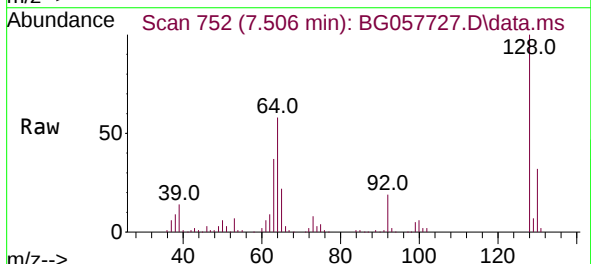
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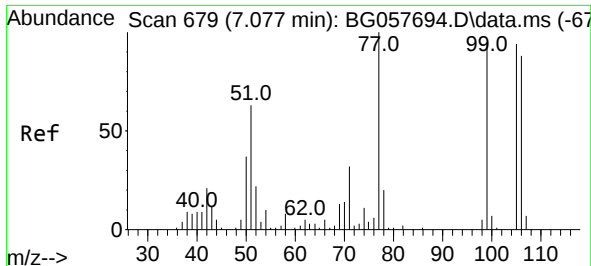
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#8
2-Chlorophenol
Concen: 63.107 ng
RT: 7.506 min Scan# 752
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

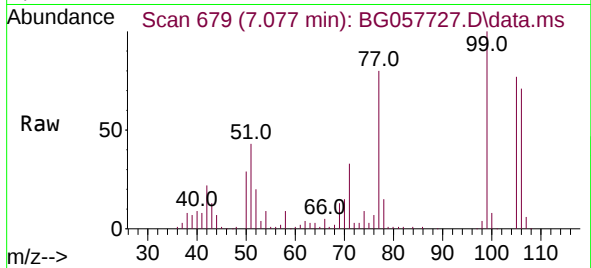
Tgt Ion:128 Resp: 136061
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 57.6 47.2 87.2





#9
Benzaldehyde
Concen: 33.085 ng m
RT: 7.077 min Scan# 679
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

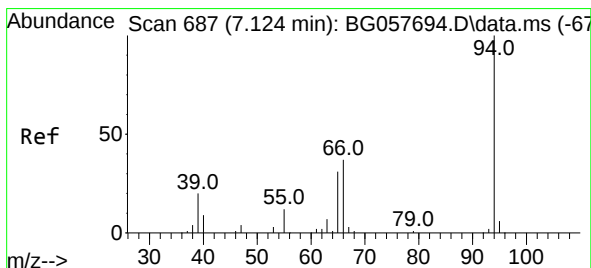
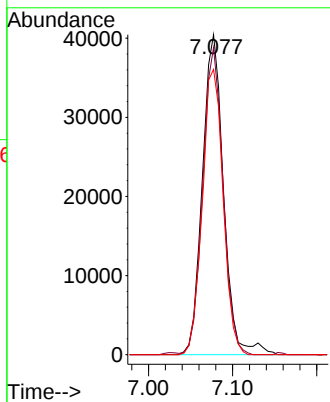
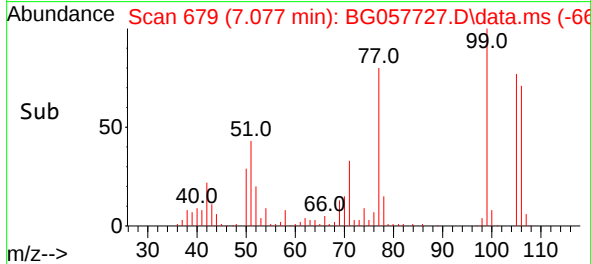
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Tgt Ion: 77 Resp: 70450
Ion Ratio Lower Upper
77 100
105 96.0 73.9 113.9
106 89.1 68.2 108.2

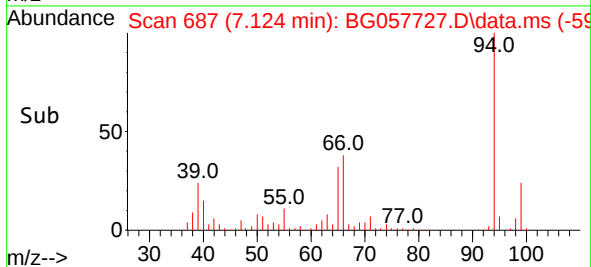
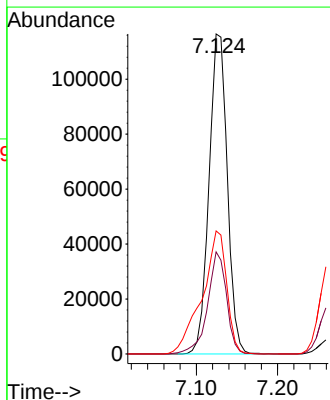
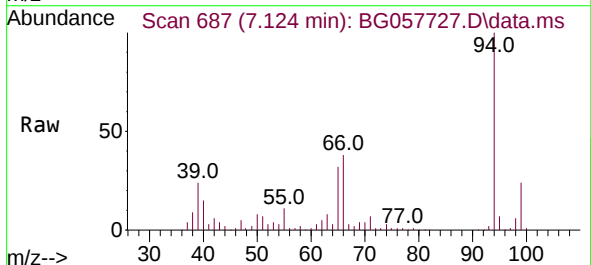
Manual Integrations
APPROVED

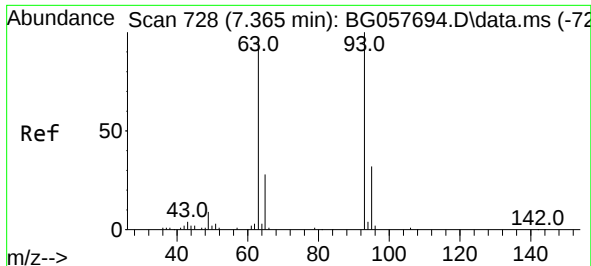
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 53.788 ng
RT: 7.124 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

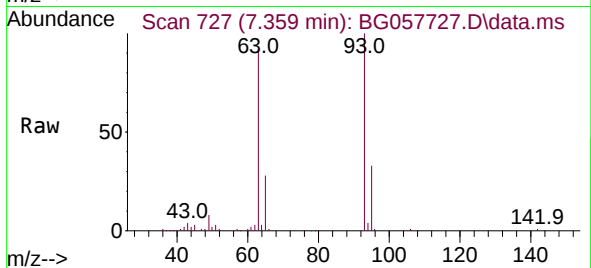
Tgt Ion: 94 Resp: 181570
Ion Ratio Lower Upper
94 100
65 31.9 11.5 51.5
66 38.4 20.1 60.1





#11
bis(2-Chloroethyl)ether
Concen: 50.908 ng
RT: 7.359 min Scan# 727
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

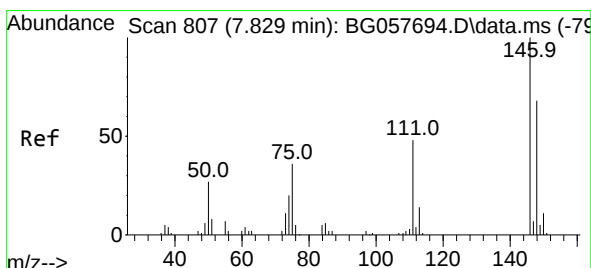
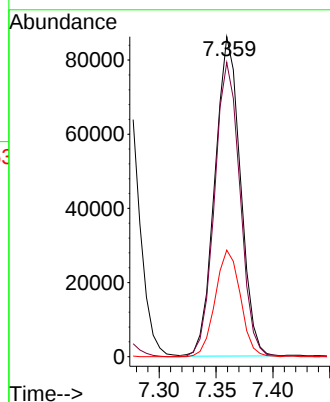
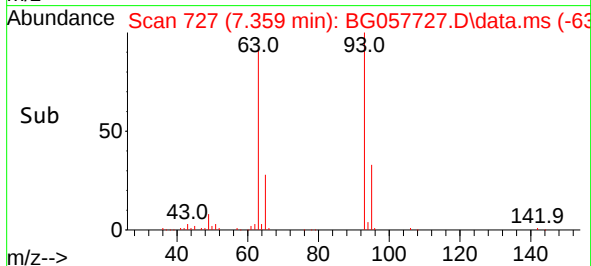
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion: 93 Resp: 13469
Ion Ratio Lower Upper
93 100
63 92.0 74.5 114.5
95 33.3 12.1 52.1

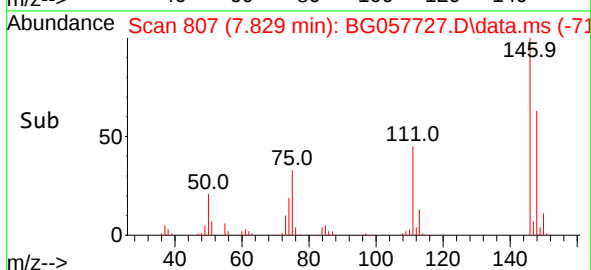
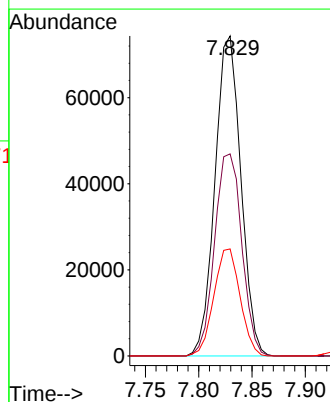
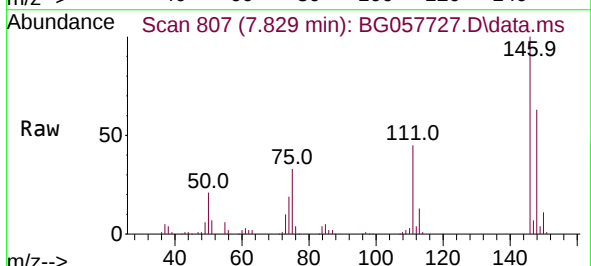
Manual Integrations
APPROVED

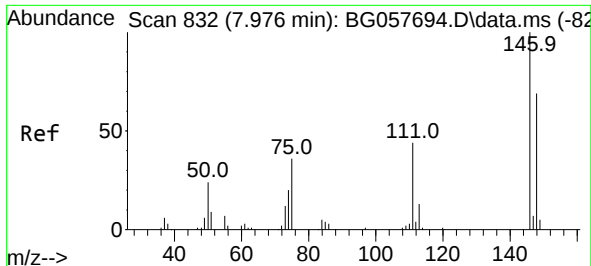
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 50.401 ng
RT: 7.829 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:146 Resp: 125702
Ion Ratio Lower Upper
146 100
148 63.1 54.6 81.8
75 33.4 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 51.179 ng

RT: 7.976 min Scan# 832

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

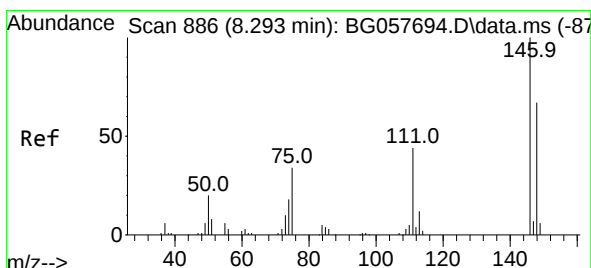
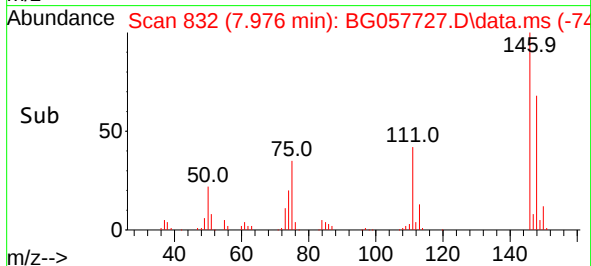
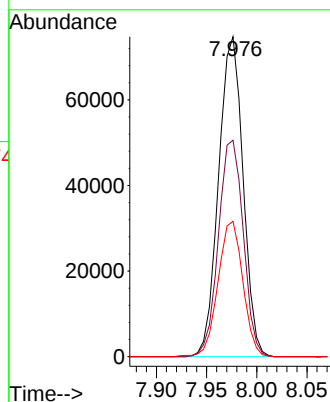
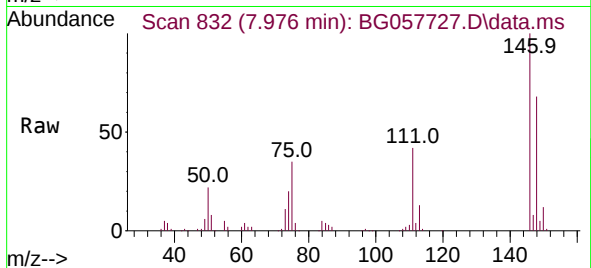
ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:146 Resp: 12655
 Ion Ratio Lower Upper
 146 100
 148 67.7 55.5 83.3
 111 42.3 35.3 52.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 51.470 ng

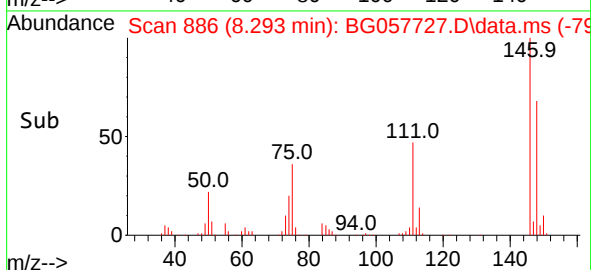
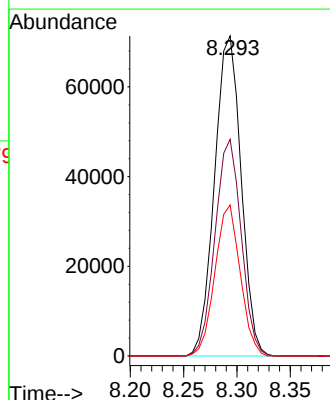
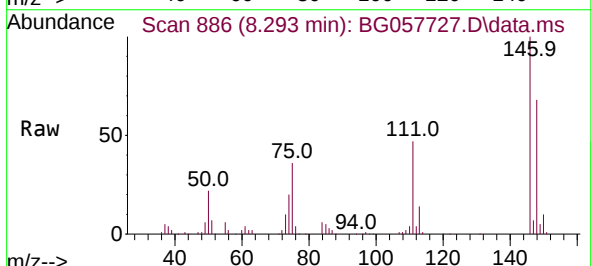
RT: 8.293 min Scan# 886

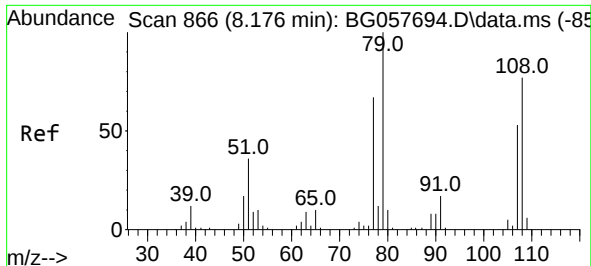
Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

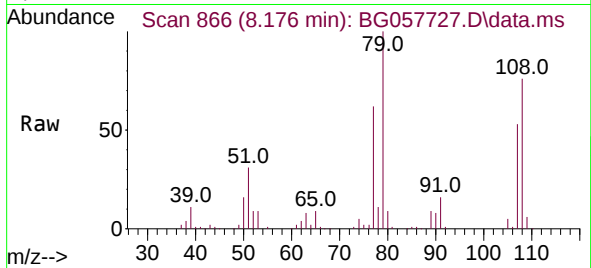
Tgt Ion:146 Resp: 123663
 Ion Ratio Lower Upper
 146 100
 148 67.7 53.8 80.8
 111 47.1 35.8 53.6





#15
Benzyl Alcohol
Concen: 54.834 ng
RT: 8.176 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

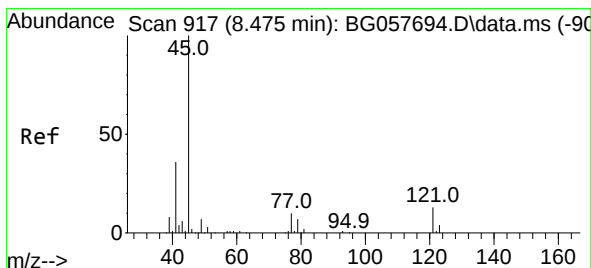
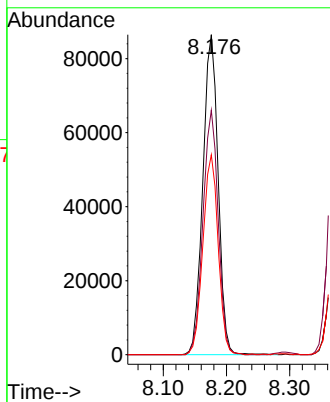
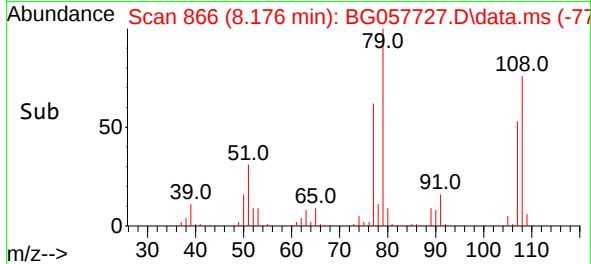
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion: 79 Resp: 145079
Ion Ratio Lower Upper
79 100
108 76.4 61.6 92.4
77 62.4 53.2 79.8

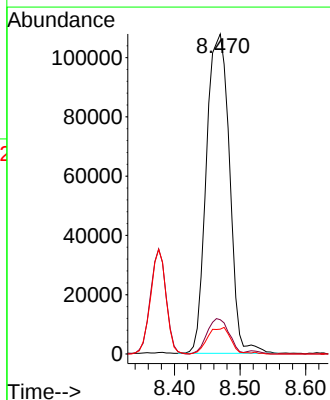
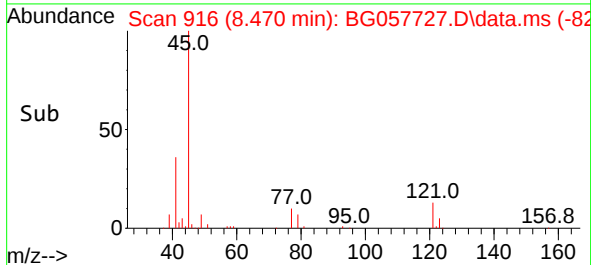
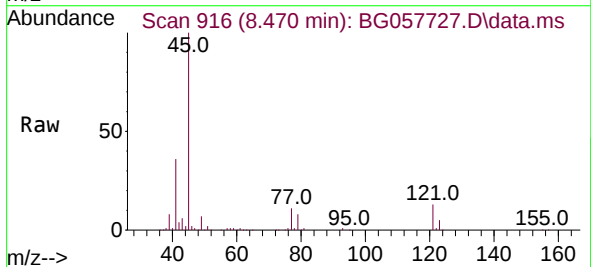
Manual Integrations
APPROVED

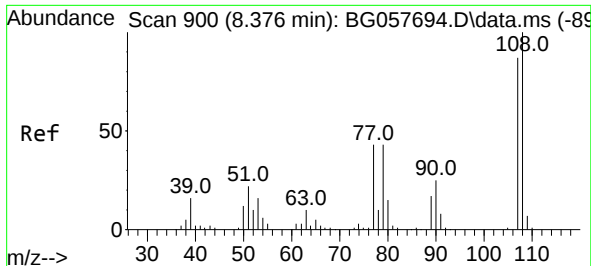
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.609 ng
RT: 8.470 min Scan# 916
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

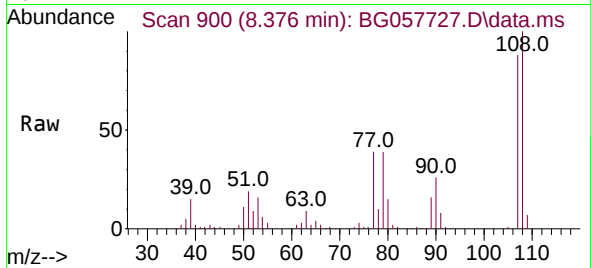
Tgt Ion: 45 Resp: 262756
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.3
79 7.8 0.0 26.9





#17
2-Methylphenol
Concen: 52.322 ng
RT: 8.376 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

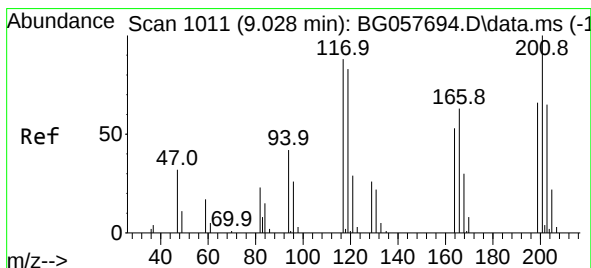
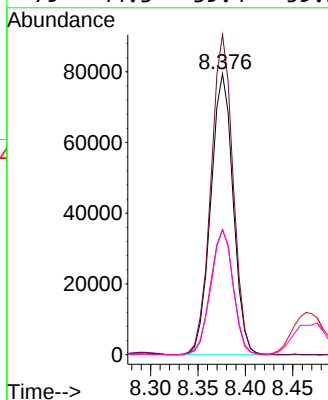
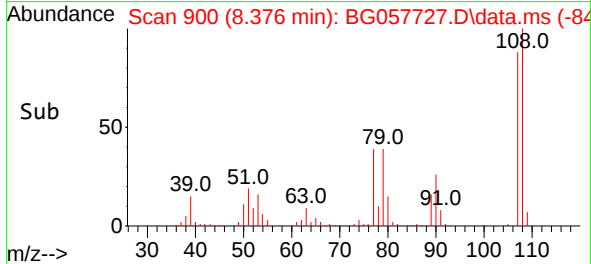
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:107 Resp: 129972
Ion Ratio Lower Upper
107 100
108 113.8 92.4 138.6
77 44.6 39.9 59.9
79 44.3 39.4 59.2

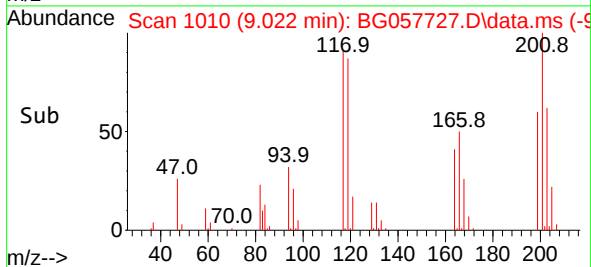
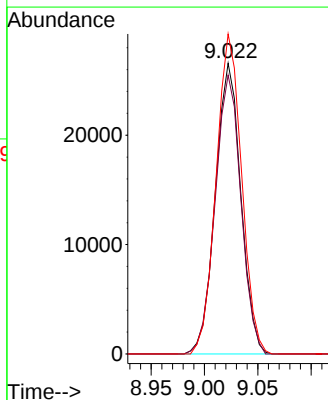
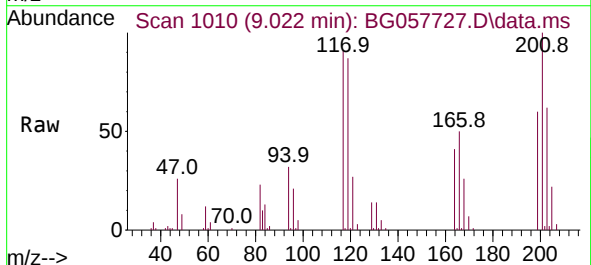
Manual Integrations
APPROVED

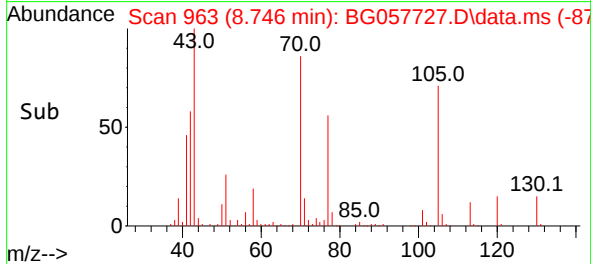
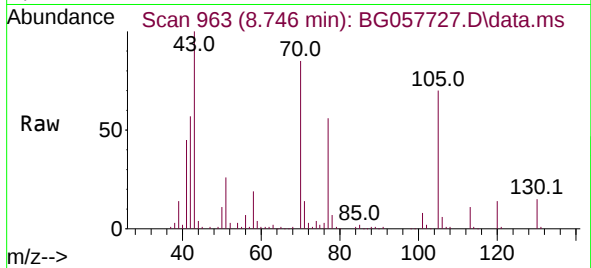
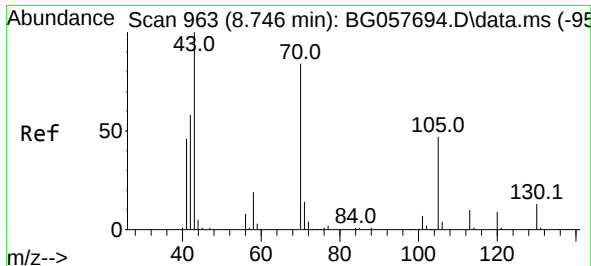
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 57.792 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:117 Resp: 44163
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5
201 108.8 91.0 136.6





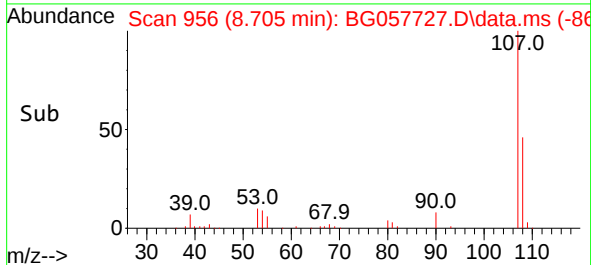
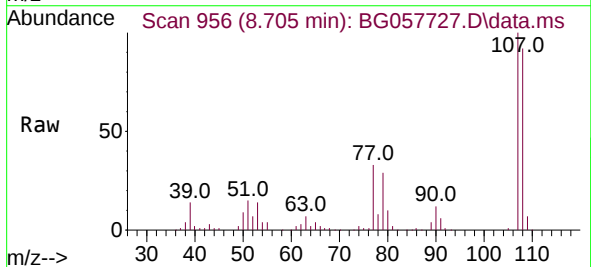
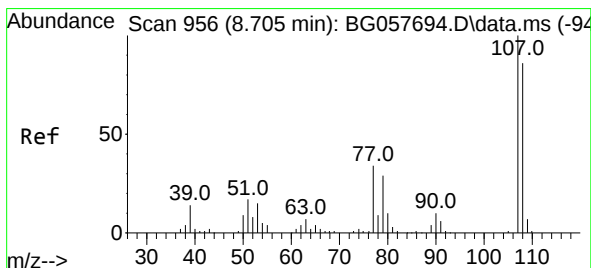
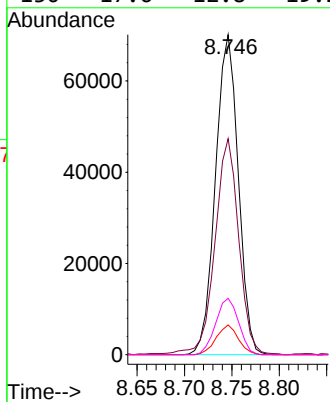
#19
n-Nitroso-di-n-propylamine
Concen: 46.978 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion: 70 Resp: 11734
Ion Ratio Lower Upper
70 100
42 67.5 56.6 84.8
101 9.3 6.2 9.4
130 17.6 12.8 19.2

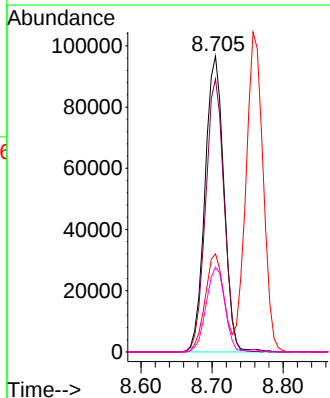
Manual Integrations
APPROVED

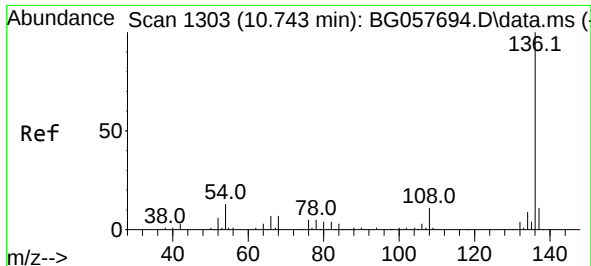
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 52.642 ng
RT: 8.705 min Scan# 956
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

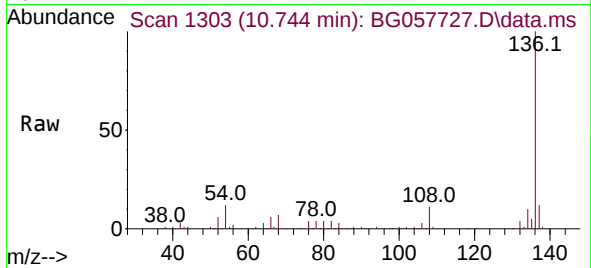
Tgt Ion:107 Resp: 178794
Ion Ratio Lower Upper
107 100
108 92.3 66.3 106.3
77 33.1 13.9 53.9
79 28.6 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

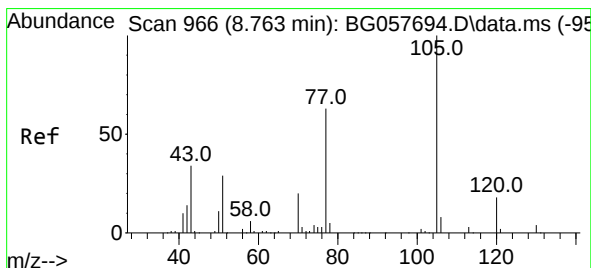
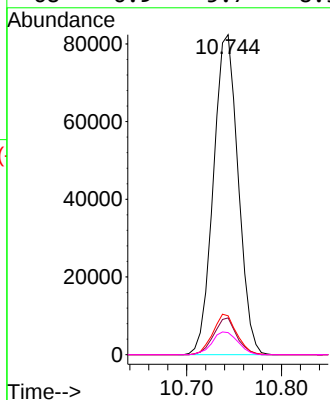
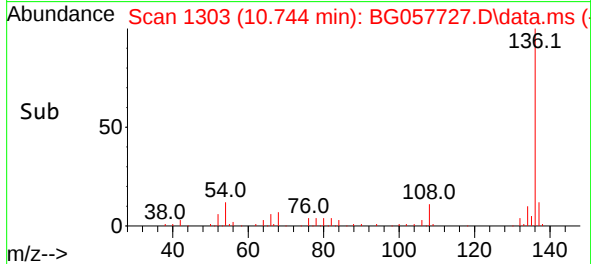
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:136 Resp: 149410
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 12.2 10.8 16.2
68 6.9 5.7 8.5

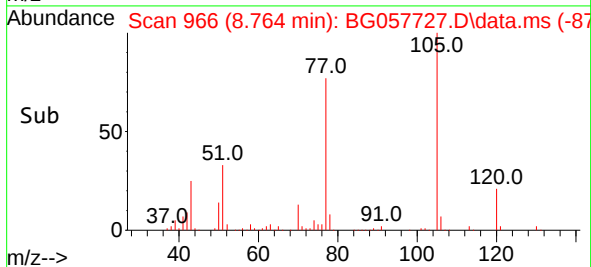
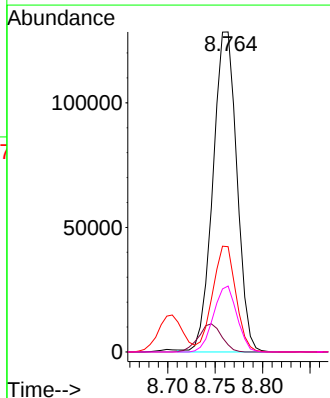
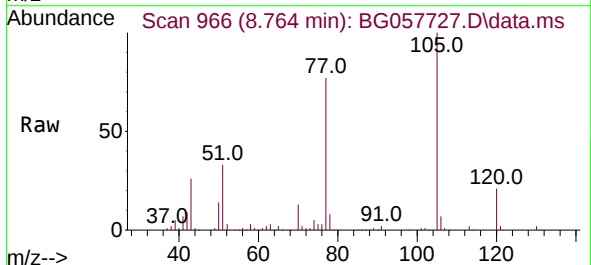
Manual Integrations
APPROVED

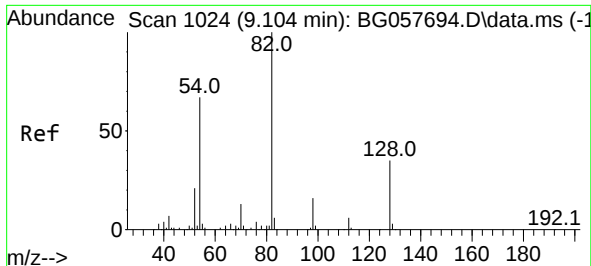
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Acetophenone
Concen: 52.066 ng
RT: 8.764 min Scan# 966
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

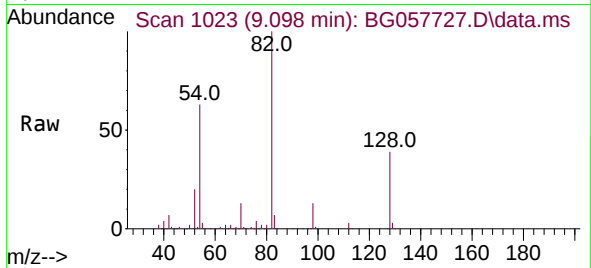
Tgt Ion:105 Resp: 225995
Ion Ratio Lower Upper
105 100
71 2.2 2.6 3.8#
51 32.9 28.3 42.5
120 20.6 14.2 21.2





#23
Nitrobenzene-d5
Concen: 128.456 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

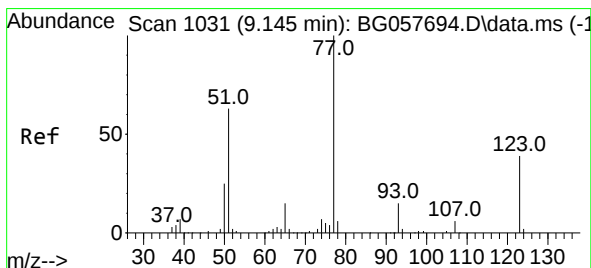
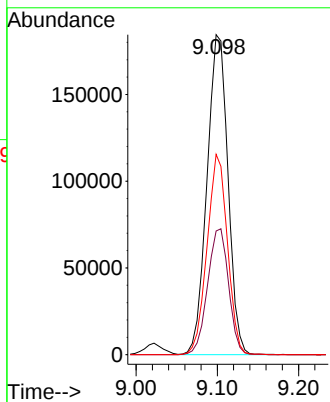
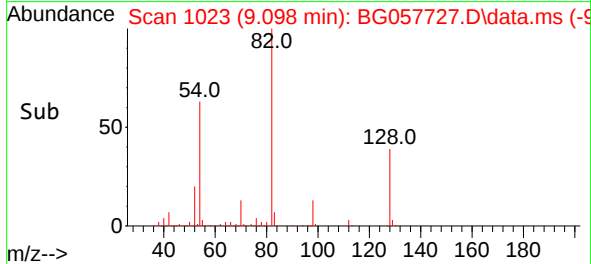
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion: 82 Resp: 330698
Ion Ratio Lower Upper
82 100
128 38.7 27.7 41.5
54 62.6 53.8 80.8

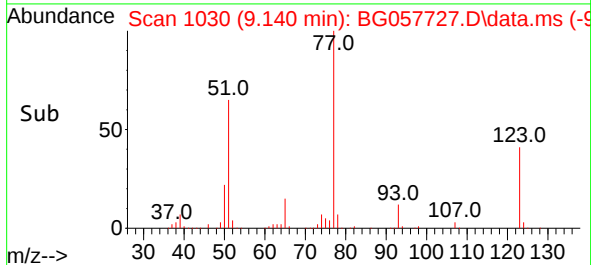
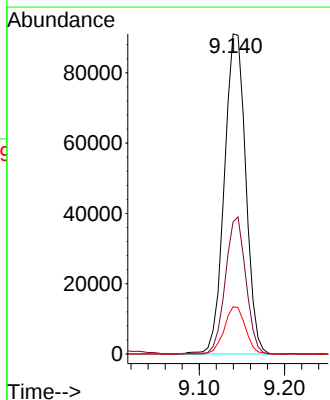
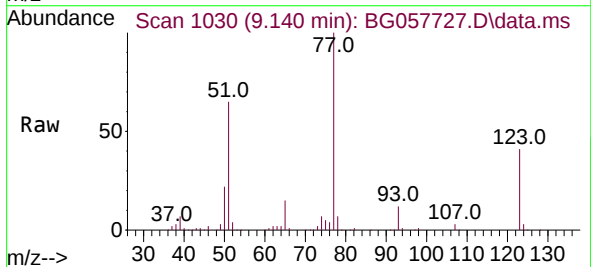
Manual Integrations
APPROVED

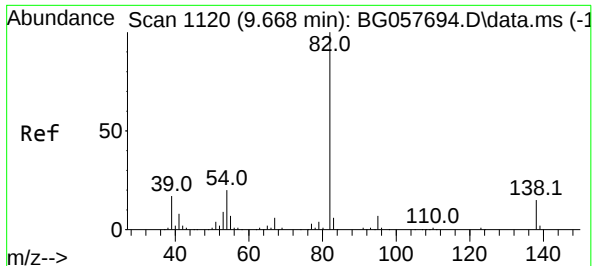
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#24
Nitrobenzene
Concen: 57.744 ng
RT: 9.140 min Scan# 1030
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

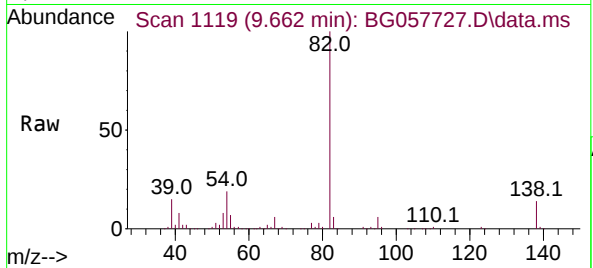
Tgt Ion: 77 Resp: 158641
Ion Ratio Lower Upper
77 100
123 41.3 31.2 46.8
65 14.8 11.6 17.4





#25
Isophorone
Concen: 48.912 ng
RT: 9.662 min Scan# 1119
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

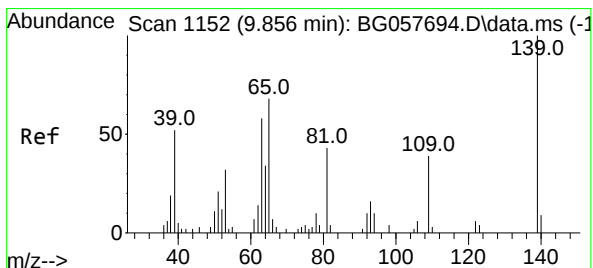
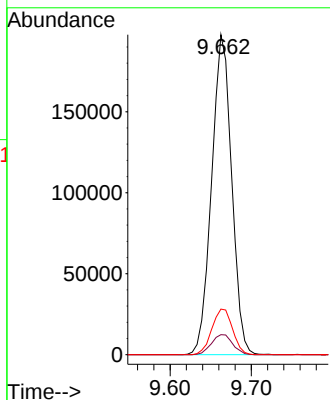
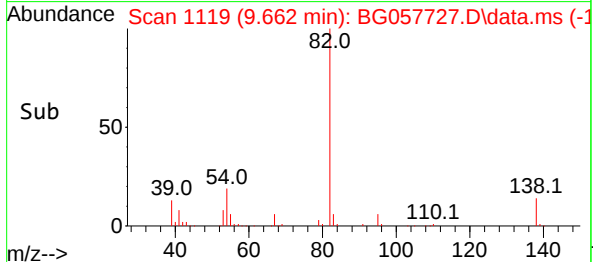
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion: 82 Resp: 33872
Ion Ratio Lower Upper
82 100
95 6.3 5.4 8.2
138 14.2 11.8 17.6

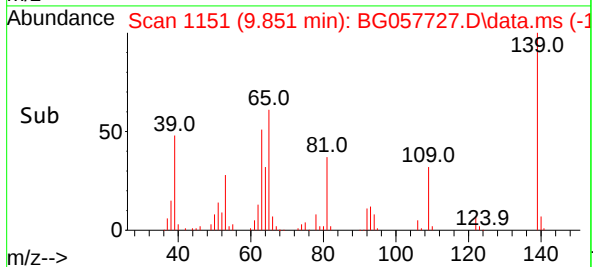
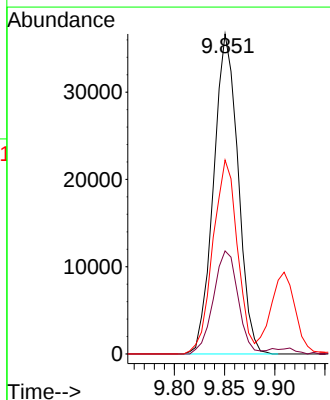
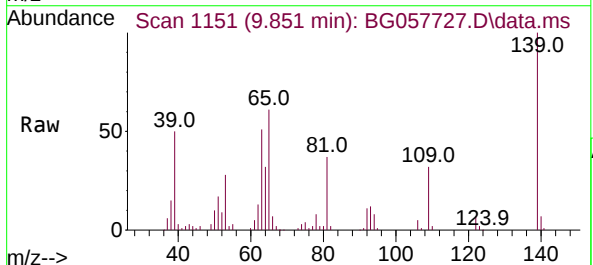
Manual Integrations
APPROVED

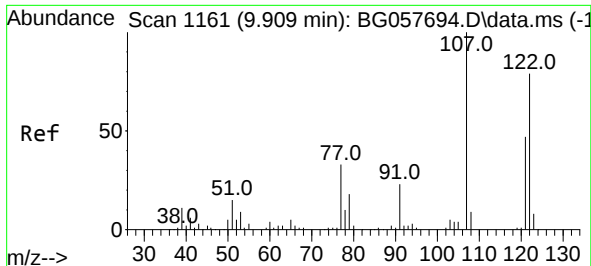
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#26
2-Nitrophenol
Concen: 71.267 ng
RT: 9.851 min Scan# 1151
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:139 Resp: 62050
Ion Ratio Lower Upper
139 100
109 32.2 30.9 46.3
65 60.6 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 59.625 ng

RT: 9.909 min Scan# 1161

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:122 Resp: 13788

Ion Ratio Lower Upper

122 100

107 122.1 100.6 150.8

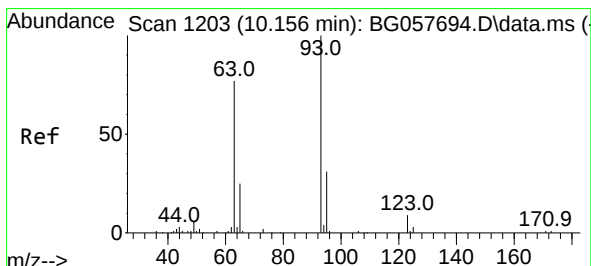
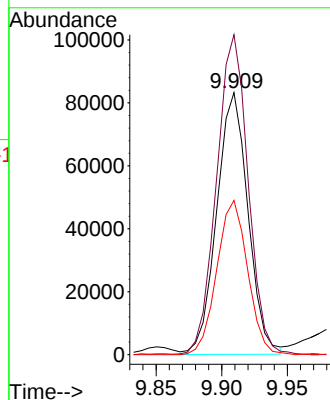
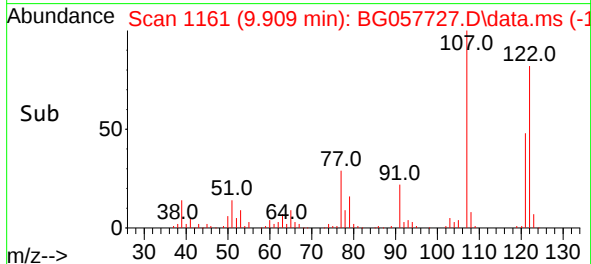
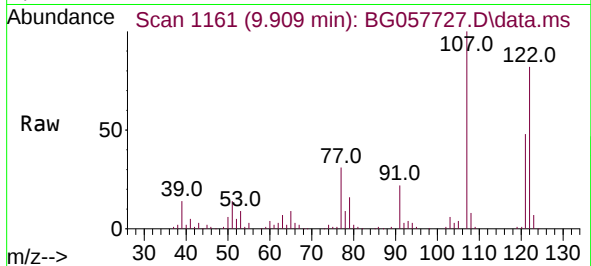
121 58.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 54.164 ng

RT: 10.150 min Scan# 1202

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

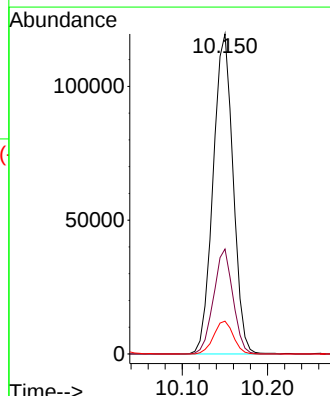
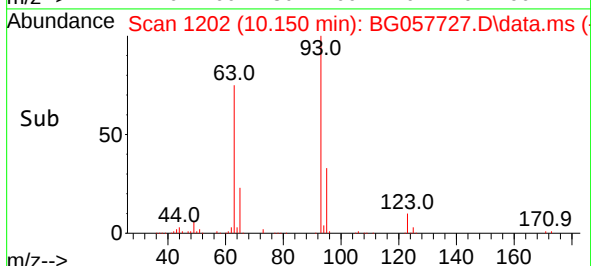
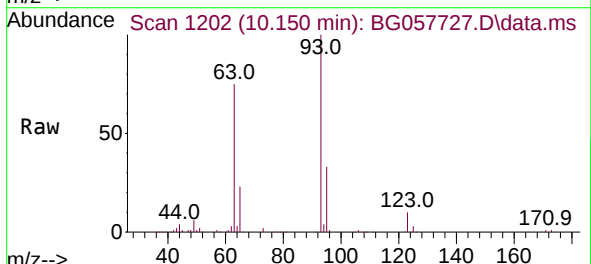
Tgt Ion: 93 Resp: 194990

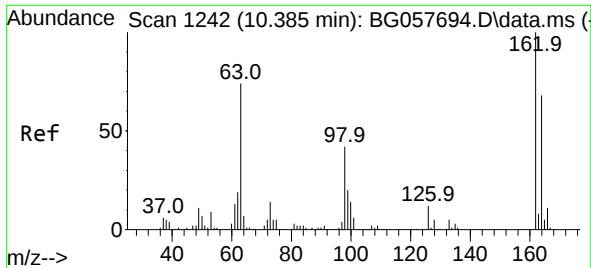
Ion Ratio Lower Upper

93 100

95 32.8 24.9 37.3

123 10.2 7.2 10.8





#29

2,4-Dichlorophenol

Concen: 68.294 ng

RT: 10.385 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:162 Resp: 13396

Ion Ratio Lower Upper

162 100

164 67.8 47.9 87.9

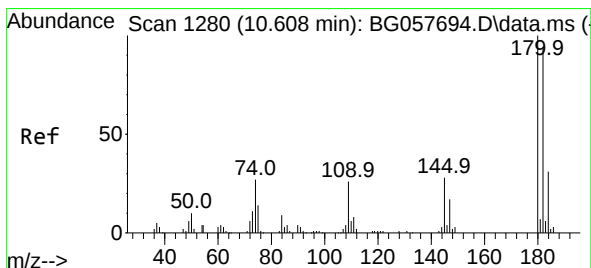
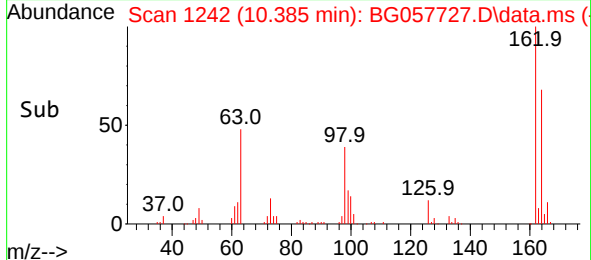
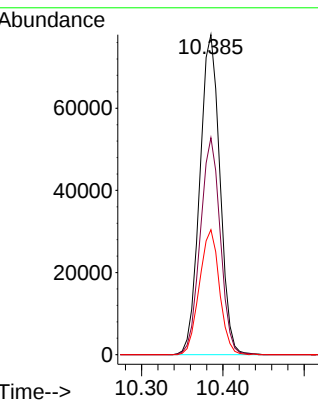
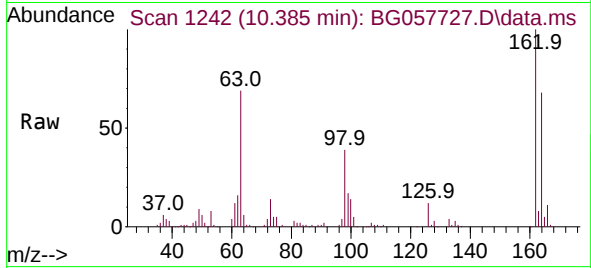
98 39.1 22.4 62.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 52.838 ng

RT: 10.603 min Scan# 1279

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

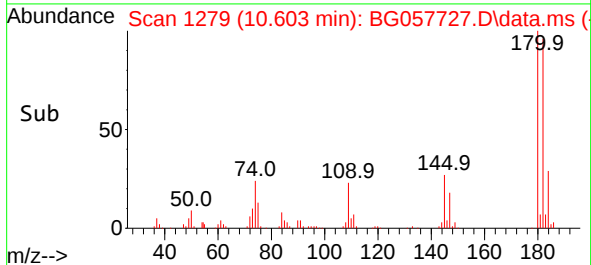
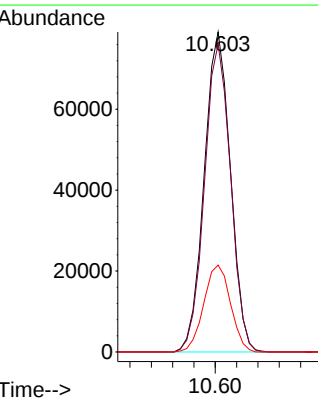
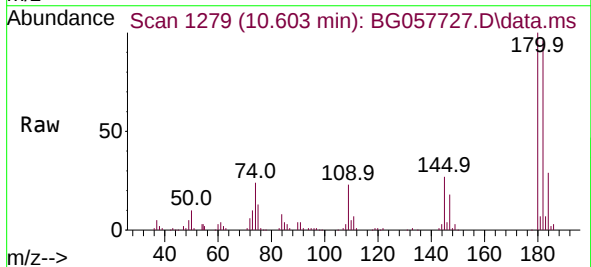
Tgt Ion:180 Resp: 134714

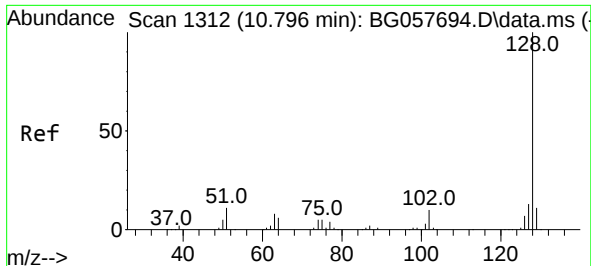
Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

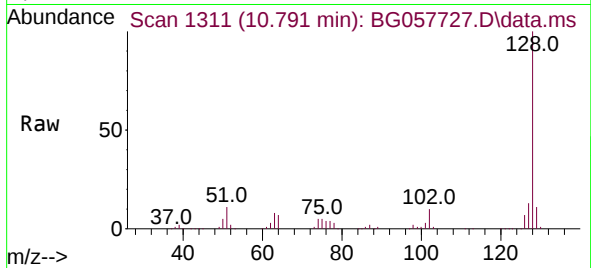
145 27.1 22.6 34.0





#31
Naphthalene
Concen: 50.946 ng
RT: 10.791 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

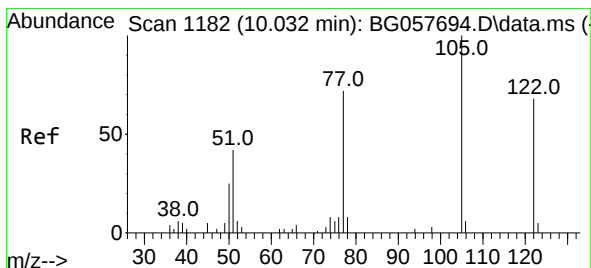
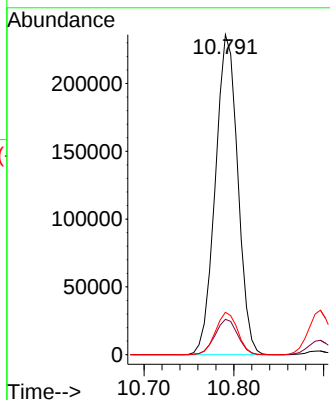
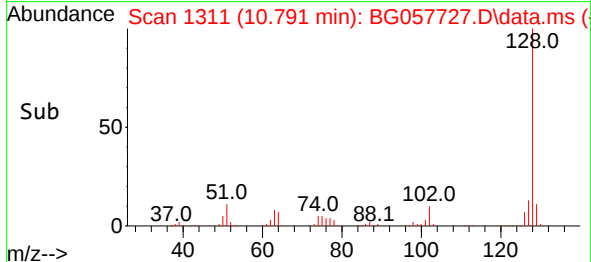
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:128 Resp: 409093
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.0 15.0

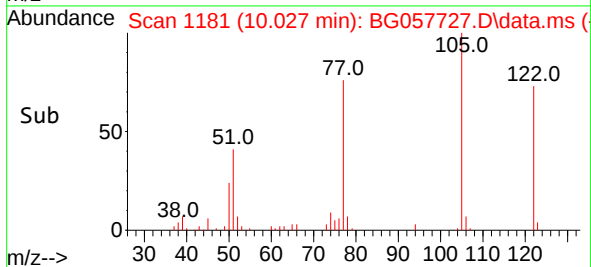
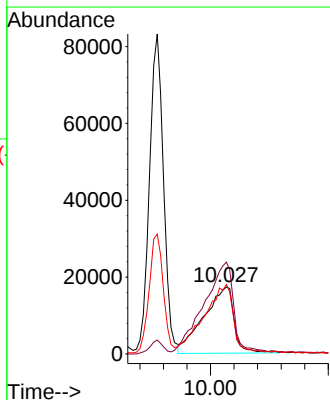
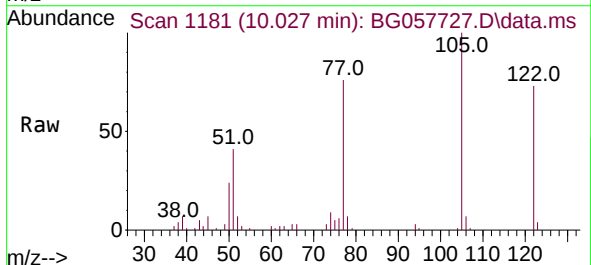
Manual Integrations
APPROVED

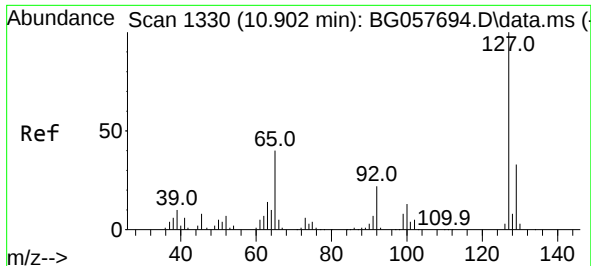
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzoic acid
Concen: 68.381 ng
RT: 10.027 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:122 Resp: 61793
Ion Ratio Lower Upper
122 100
105 137.2 113.8 153.8
77 103.8 81.0 121.0





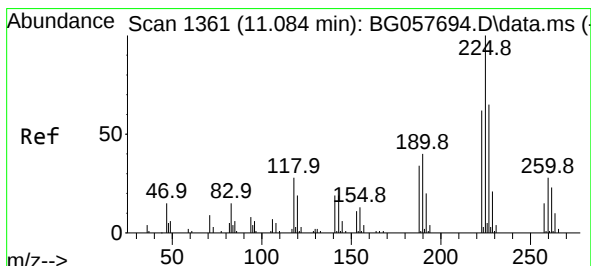
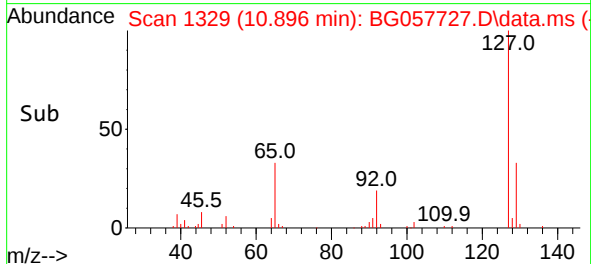
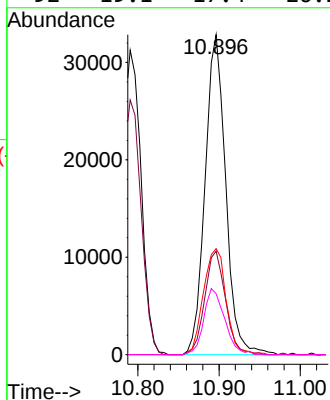
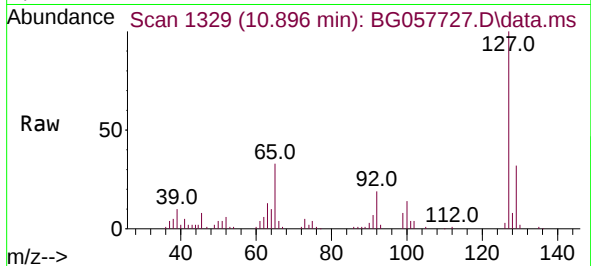
#33
4-Chloroaniline
Concen: 15.497 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:	127	Resp:	57938
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.6	39.8
65	33.1	31.7	47.5
92	19.1	17.4	26.2

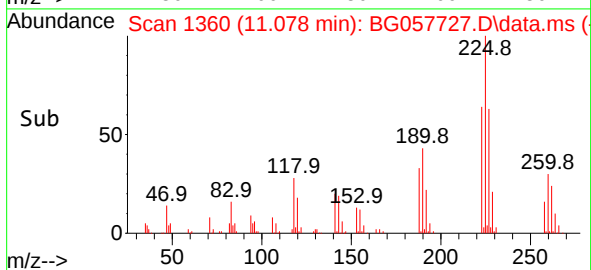
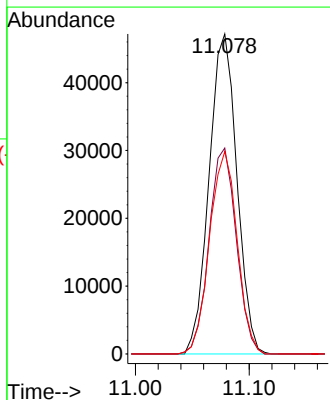
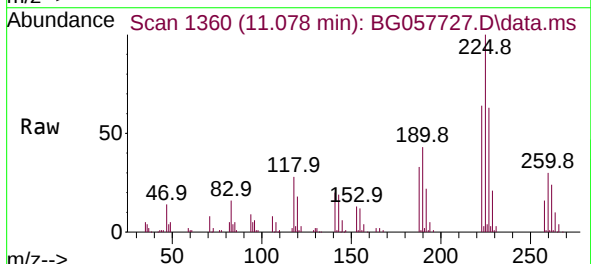
Manual Integrations
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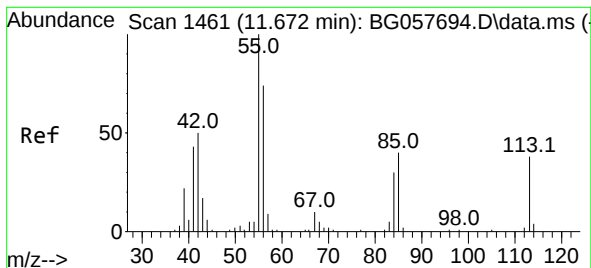
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 50.009 ng
RT: 11.078 min Scan# 1360
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:	225	Resp:	80179
Ion Ratio	Lower	Upper	
225	100		
223	64.4	52.0	78.0
227	63.2	51.8	77.8





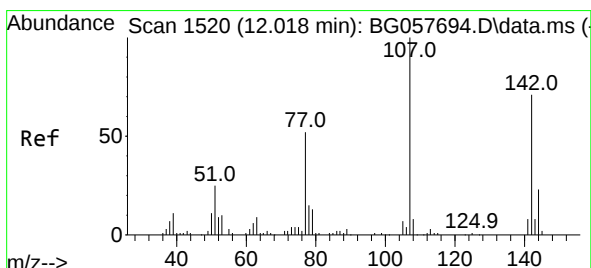
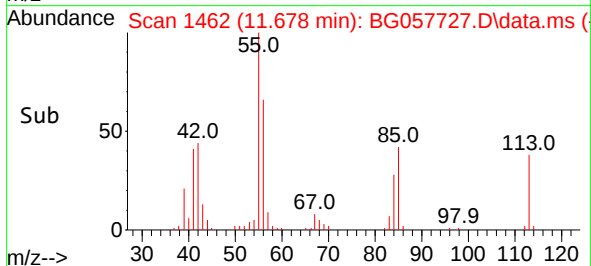
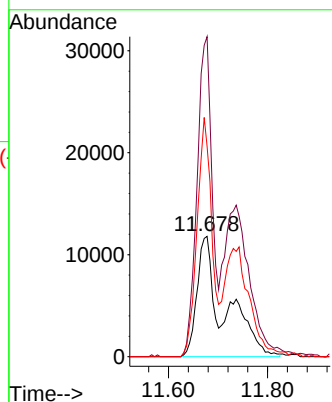
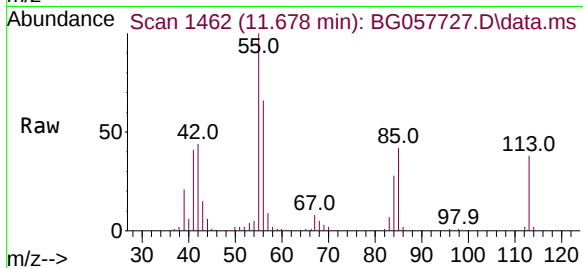
#35
Caprolactam
Concen: 55.202 ng m
RT: 11.678 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:113 Resp: 44670
Ion Ratio Lower Upper
113 100
55 265.9 239.9 279.9
56 174.9 171.9 211.9

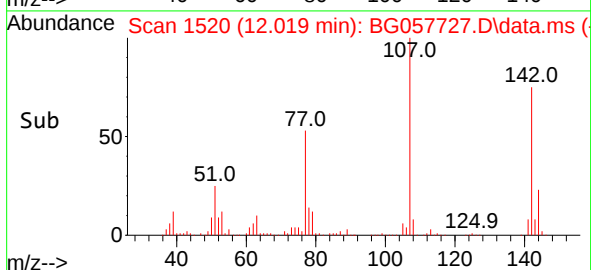
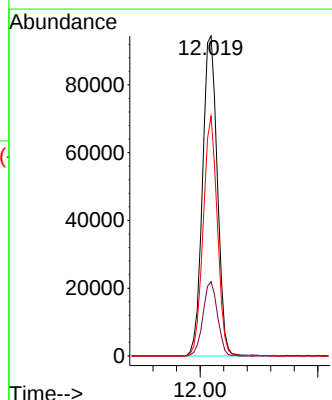
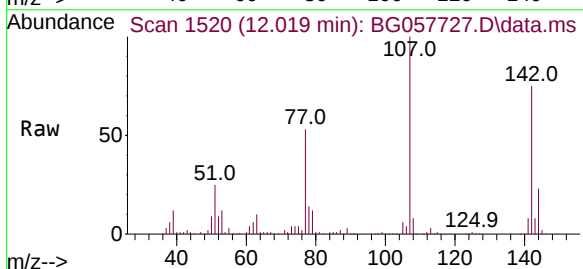
Manual Integrations
APPROVED

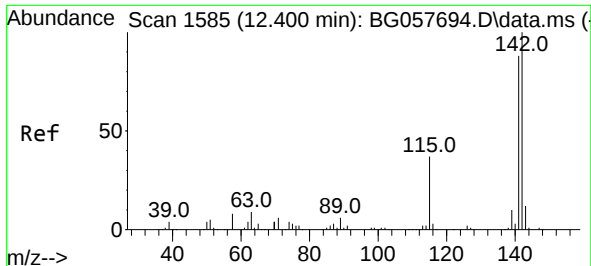
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#36
4-Chloro-3-methylphenol
Concen: 59.358 ng
RT: 12.019 min Scan# 1520
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

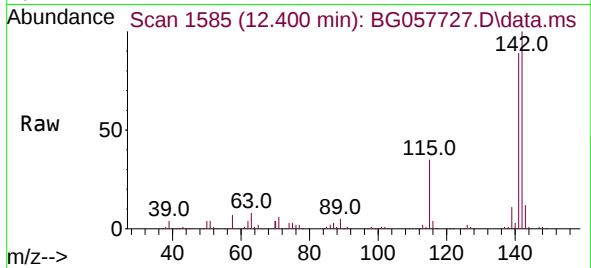
Tgt Ion:107 Resp: 164956
Ion Ratio Lower Upper
107 100
144 23.2 18.7 28.1
142 74.9 56.7 85.1





#37
2-Methylnaphthalene
Concen: 48.210 ng
RT: 12.400 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

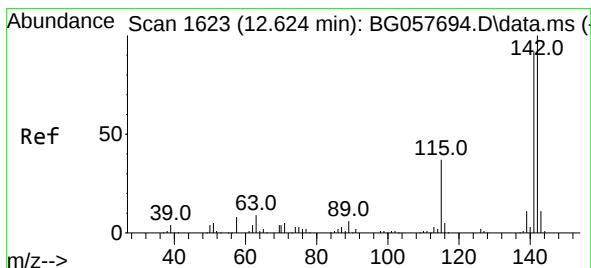
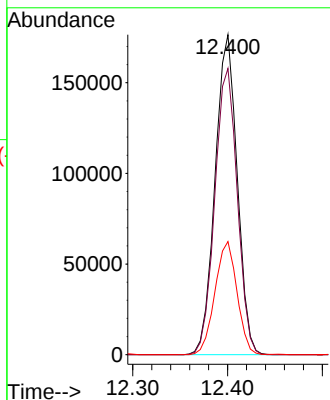
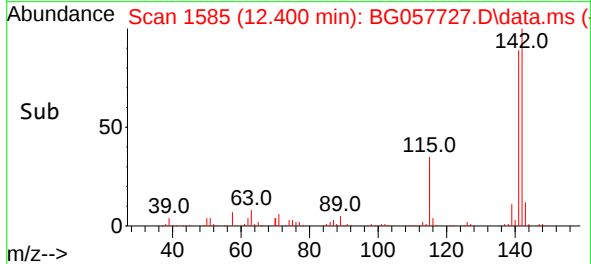
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



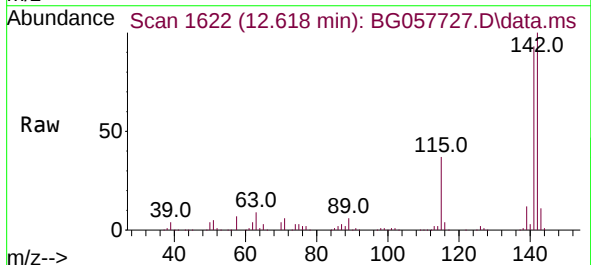
Tgt Ion:142 Resp: 28640
Ion Ratio Lower Upper
142 100
141 89.4 70.6 105.8
115 35.3 29.4 44.0

Manual Integrations
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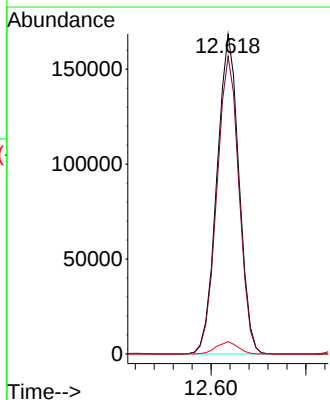
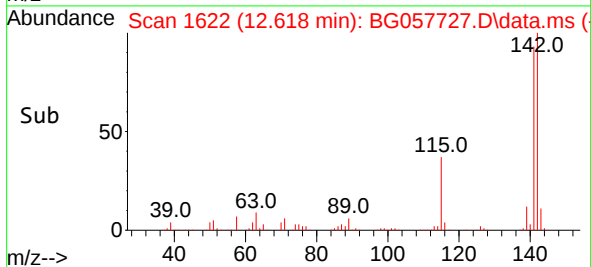
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

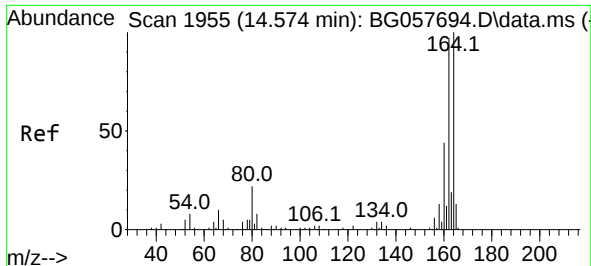


#38
1-Methylnaphthalene
Concen: 48.780 ng
RT: 12.618 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



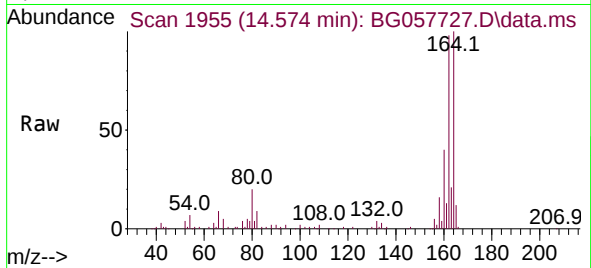
Tgt Ion:142 Resp: 271862
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0
116 3.8 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

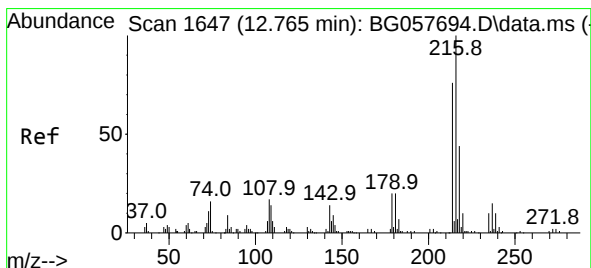
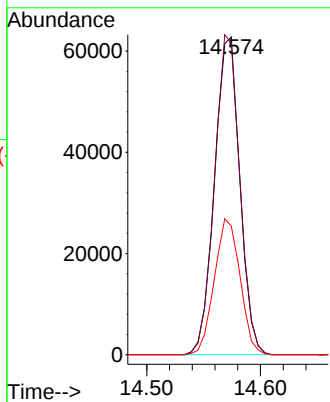
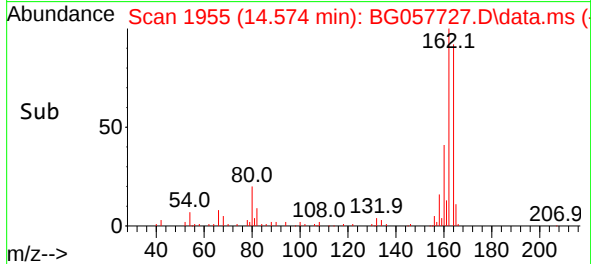
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



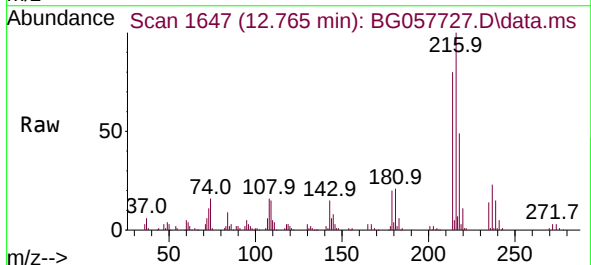
Tgt Ion:164 Resp: 97119
Ion Ratio Lower Upper
164 100
162 98.0 77.7 116.5
160 40.5 35.1 52.7

Manual Integrations
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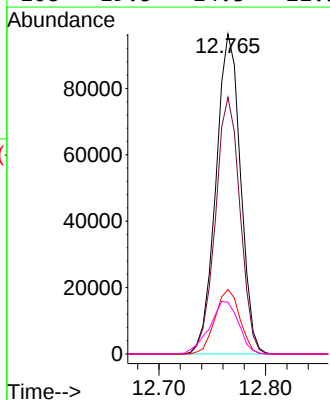
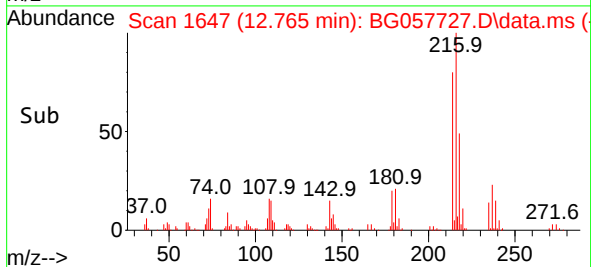
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

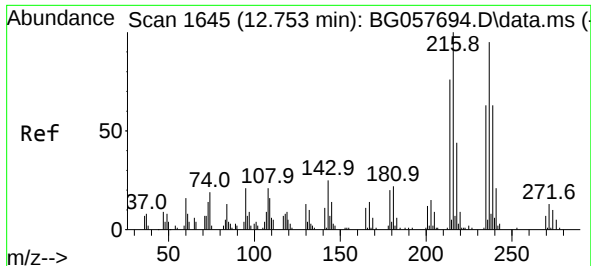


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.082 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



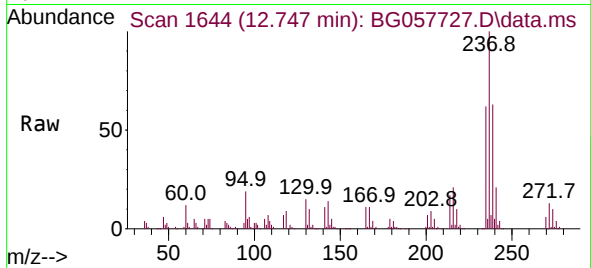
Tgt Ion:216 Resp: 154181
Ion Ratio Lower Upper
216 100
214 80.3 63.7 95.5
179 20.3 16.7 25.1
108 19.5 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 165.054 ng
RT: 12.747 min Scan# 1644
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

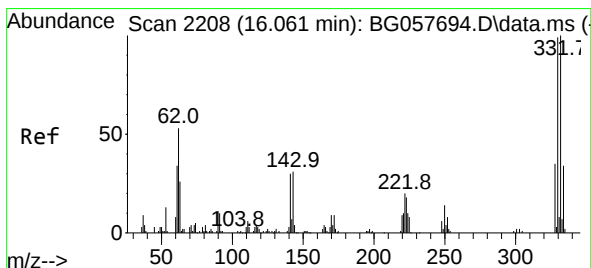
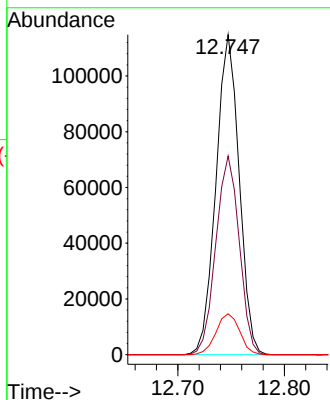
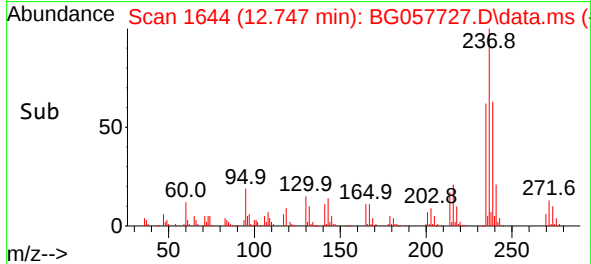
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:237 Resp: 173072
Ion Ratio Lower Upper
237 100
235 62.1 46.7 86.7
272 12.8 0.0 33.8

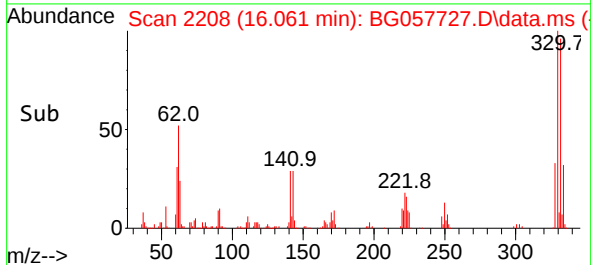
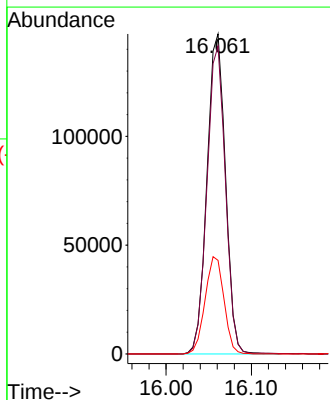
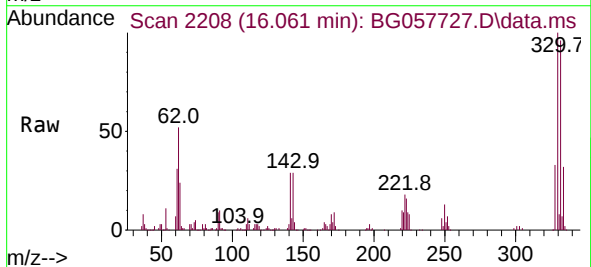
Manual Integrations
APPROVED

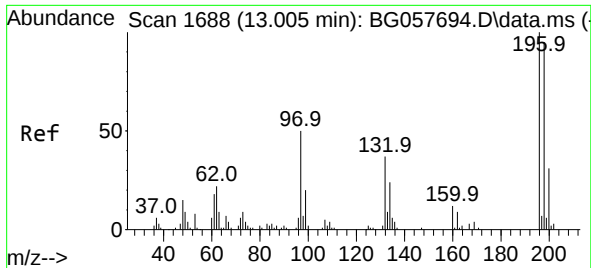
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#42
2,4,6-Tribromophenol
Concen: 204.534 ng
RT: 16.061 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:330 Resp: 221616
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.6
141 31.0 25.0 37.6





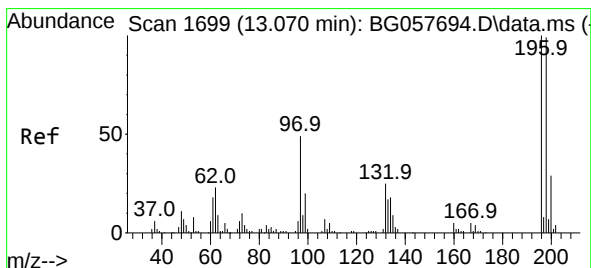
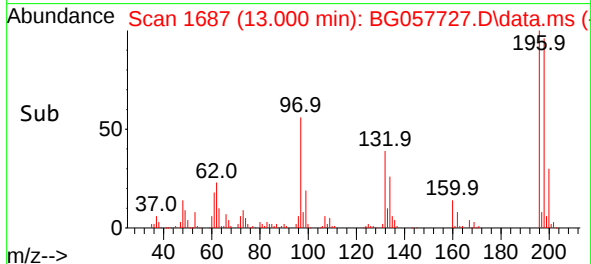
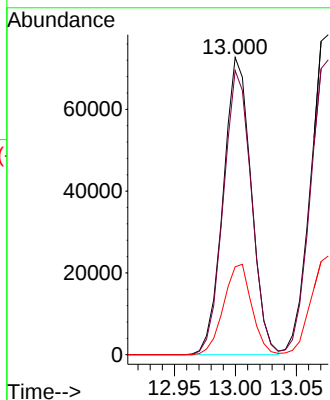
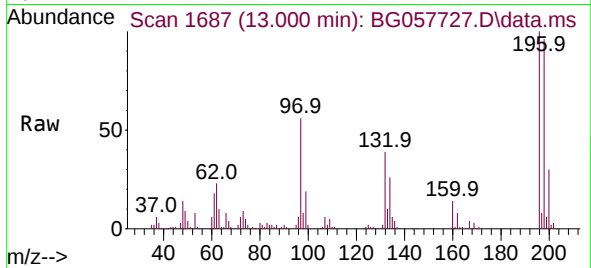
#43
2,4,6-Trichlorophenol
Concen: 64.066 ng
RT: 13.000 min Scan# 1700
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:196 Resp: 116120
Ion Ratio Lower Upper
196 100
198 95.6 75.8 113.6
200 29.5 24.6 37.0

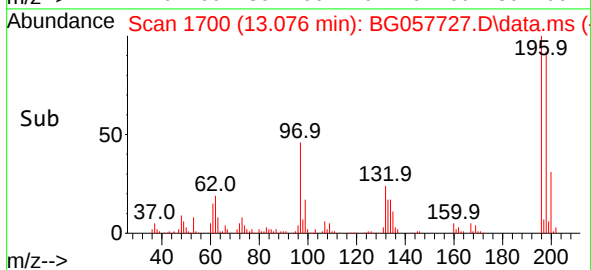
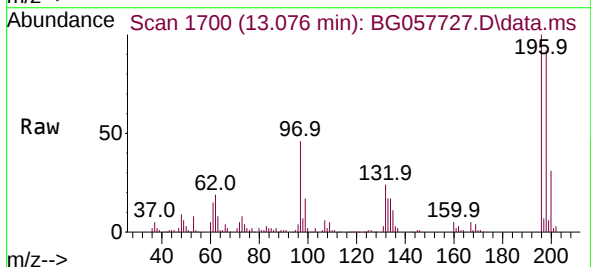
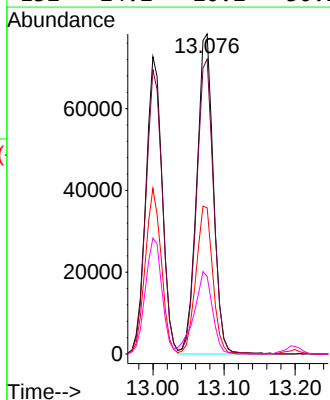
Manual Integrations
APPROVED

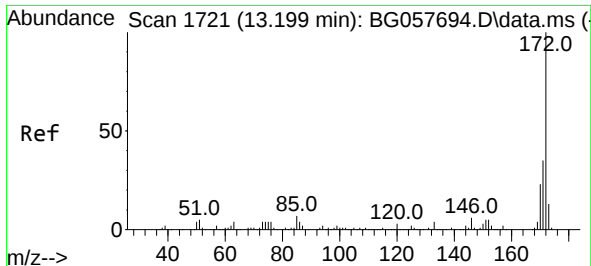
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#44
2,4,5-Trichlorophenol
Concen: 59.860 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

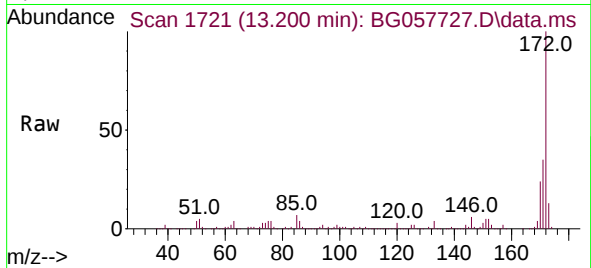
Tgt Ion:196 Resp: 127806
Ion Ratio Lower Upper
196 100
198 92.1 79.2 118.8
97 45.6 39.9 59.9
132 24.2 20.2 30.2





#45
2-Fluorobiphenyl
Concen: 111.073 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

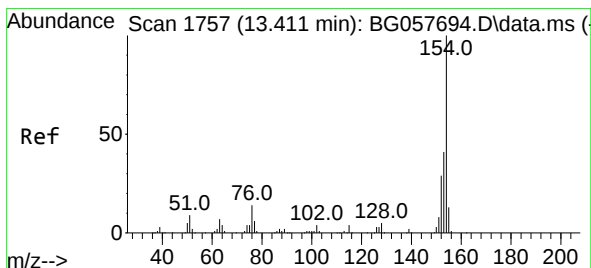
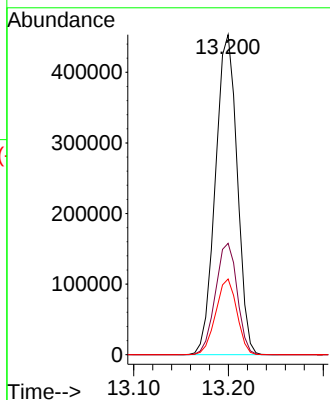
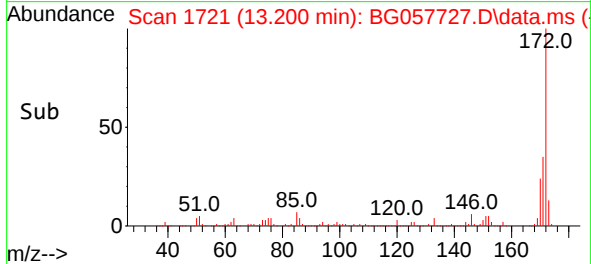
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:172 Resp: 723689
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 18.2 27.4

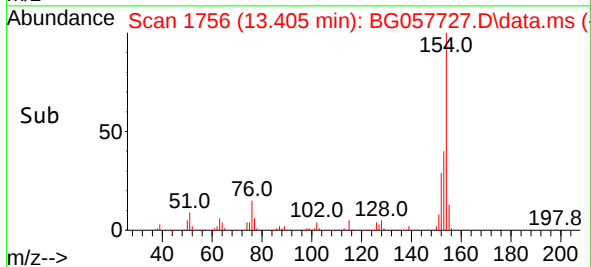
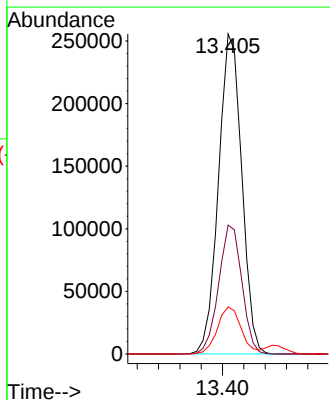
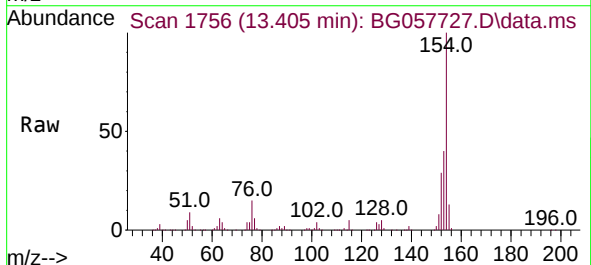
Manual Integrations
APPROVED

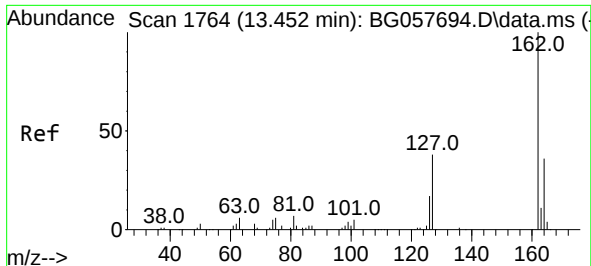
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#46
1,1'-Biphenyl
Concen: 57.589 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

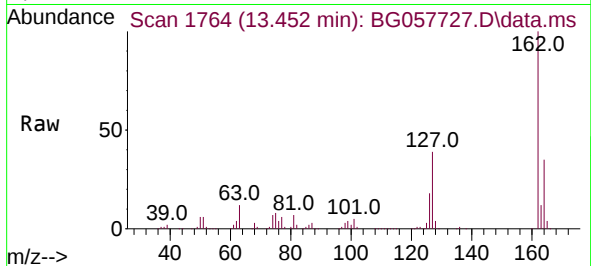
Tgt Ion:154 Resp: 386433
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 14.7 0.0 33.9





#47
2-Chloronaphthalene
Concen: 58.471 ng
RT: 13.452 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

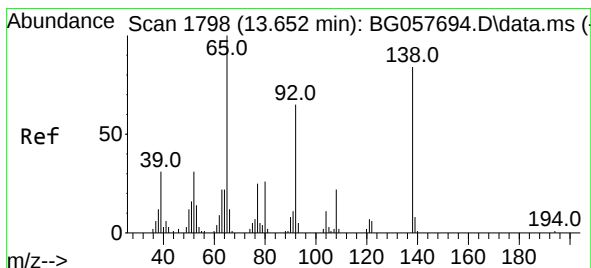
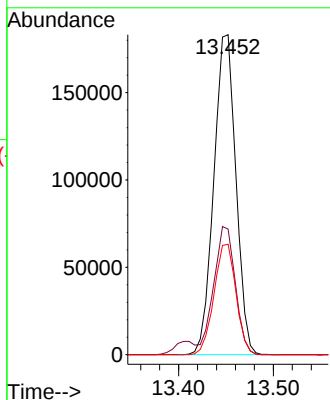
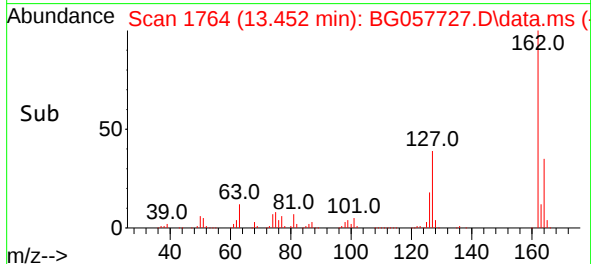
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:162 Resp: 296549
Ion Ratio Lower Upper
162 100
127 39.3 32.6 49.0
164 34.5 29.0 43.4

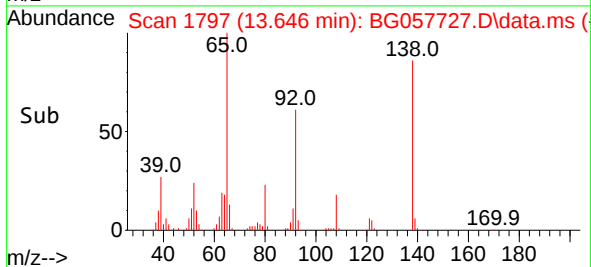
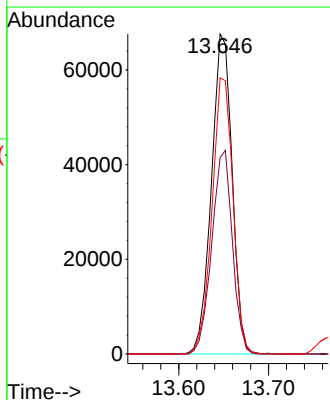
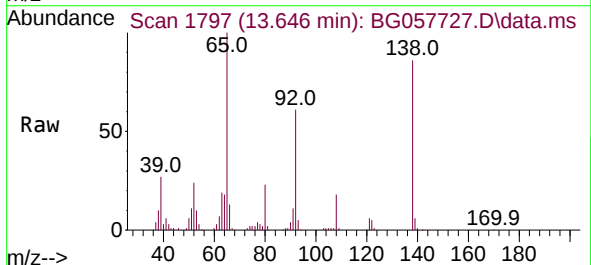
Manual Integrations
APPROVED

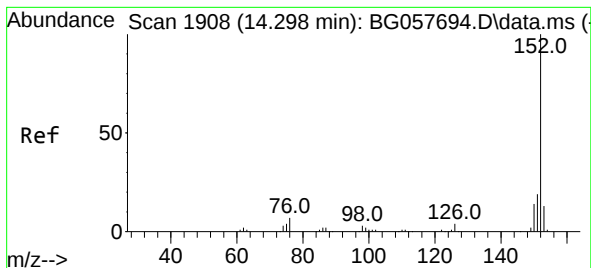
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#48
2-Nitroaniline
Concen: 67.878 ng
RT: 13.646 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion: 65 Resp: 108203
Ion Ratio Lower Upper
65 100
92 61.3 52.2 78.4
138 86.3 67.0 100.4





#49

Acenaphthylene

Concen: 55.445 ng

RT: 14.292 min Scan# 1908

Delta R.T. -0.007 min

Lab File: BG057727.D

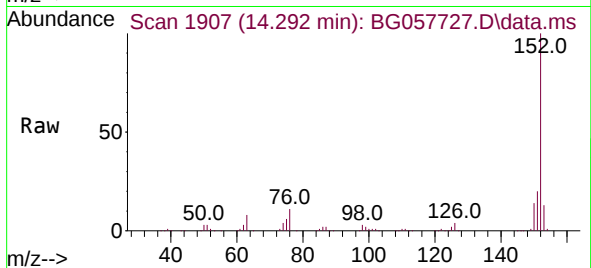
Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS



Tgt Ion:152 Resp: 487662

Ion Ratio Lower Upper

152 100

151 20.4 15.4 23.0

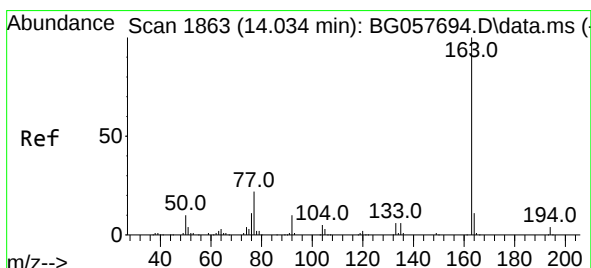
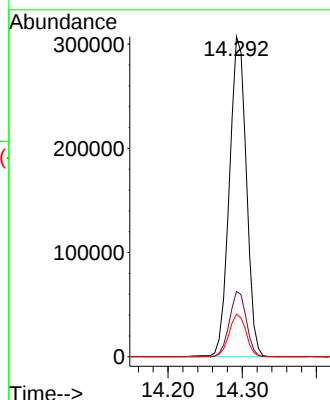
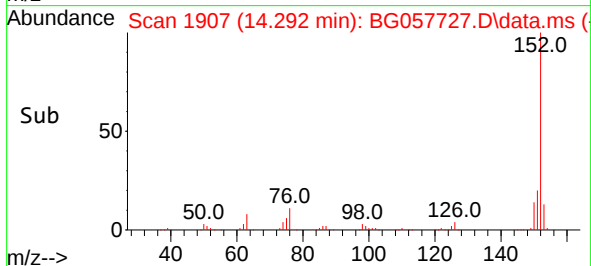
153 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#50

Dimethylphthalate

Concen: 56.970 ng

RT: 14.028 min Scan# 1862

Delta R.T. -0.007 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

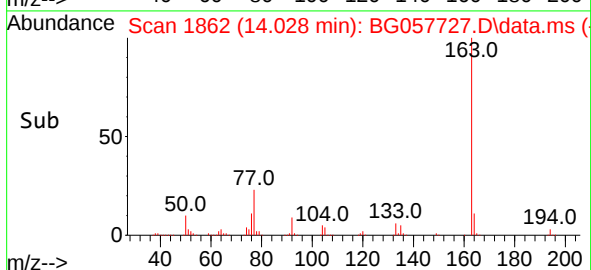
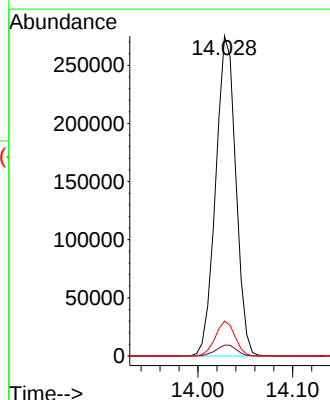
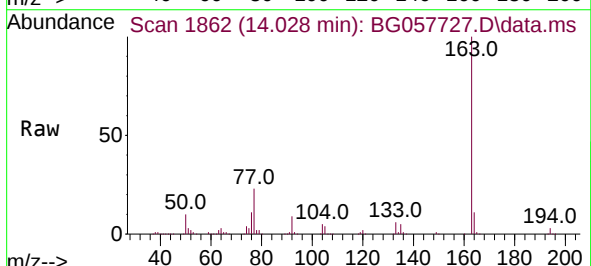
Tgt Ion:163 Resp: 405678

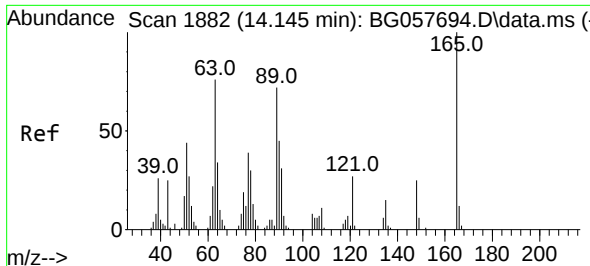
Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

164 10.9 8.4 12.6





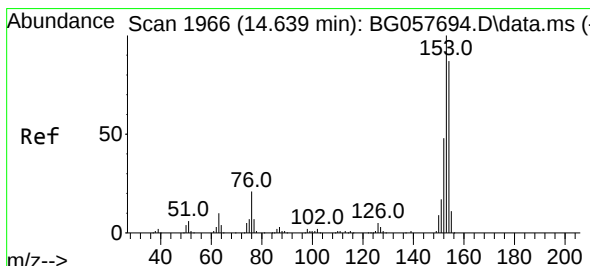
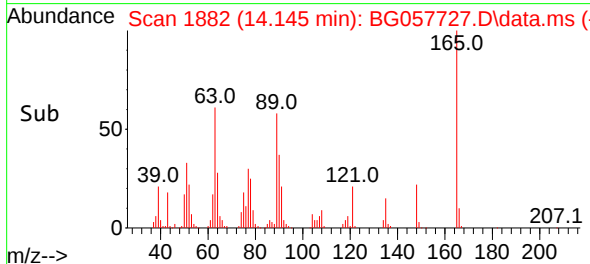
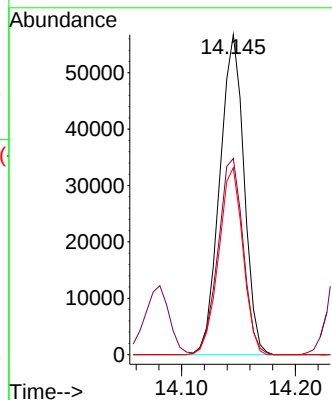
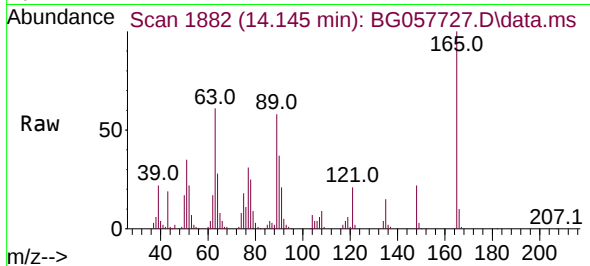
#51
2,6-Dinitrotoluene
Concen: 69.688 ng
RT: 14.145 min Scan# 1882
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:165 Resp: 84109
Ion Ratio Lower Upper
165 100
63 61.3 62.3 93.5
89 58.4 57.4 86.0

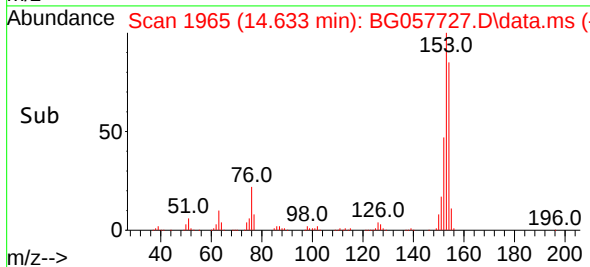
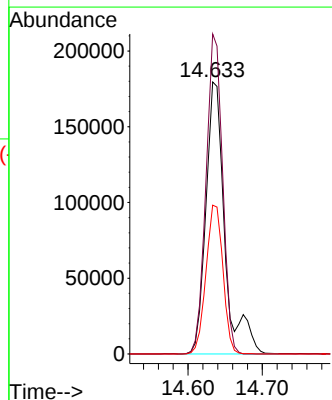
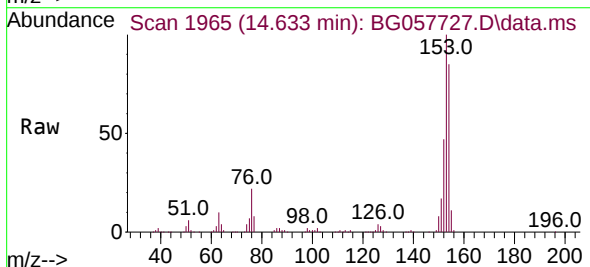
Manual Integrations
APPROVED

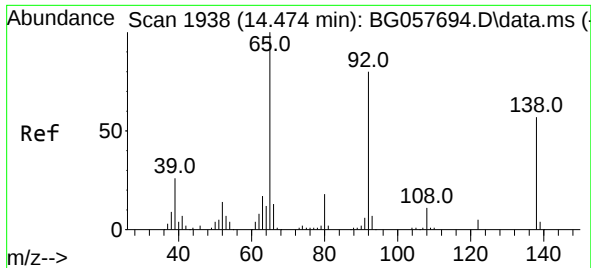
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#52
Acenaphthene
Concen: 60.414 ng m
RT: 14.633 min Scan# 1965
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

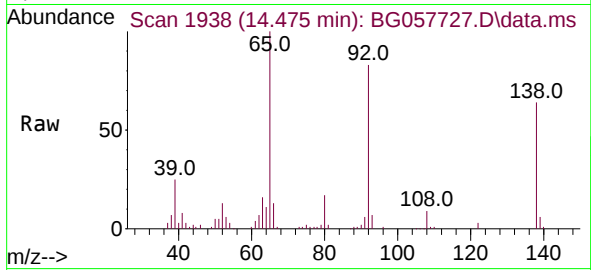
Tgt Ion:154 Resp: 318511
Ion Ratio Lower Upper
154 100
153 117.6 91.4 137.2
152 54.7 43.5 65.3





#53
3-Nitroaniline
Concen: 41.799 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

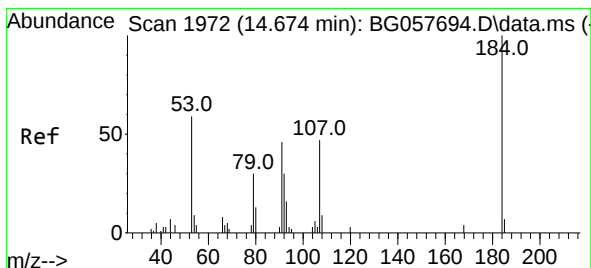
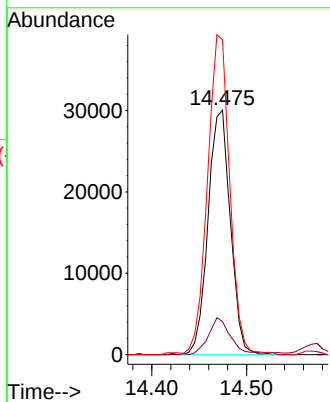
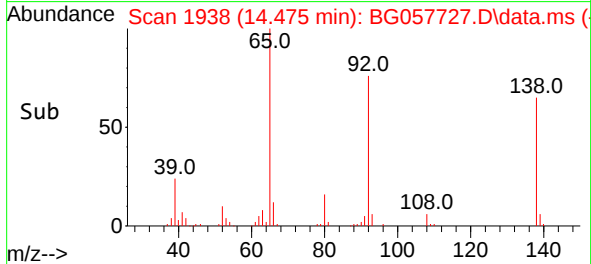
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



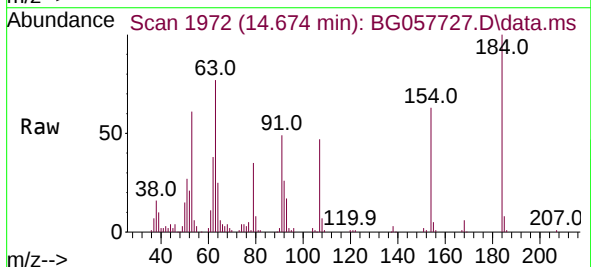
Tgt Ion:138 Resp: 4900
Ion Ratio Lower Upper
138 100
108 13.4 15.8 23.8
92 128.8 112.2 168.2

Manual Integrations
APPROVED

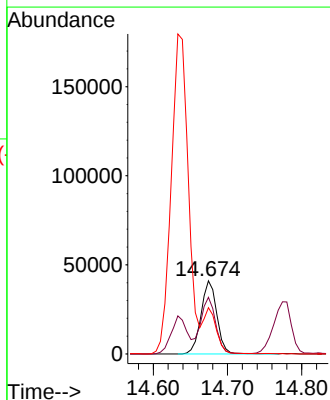
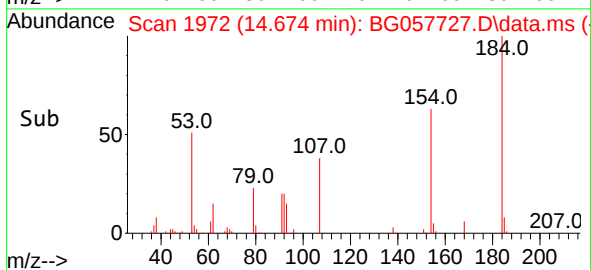
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

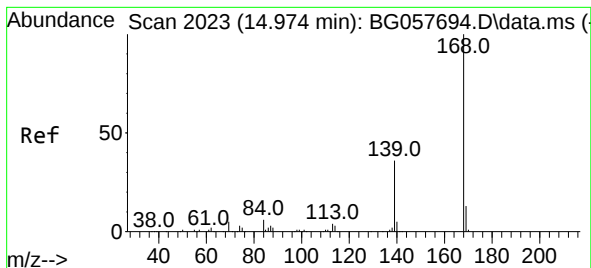


#54
2,4-Dinitrophenol
Concen: 112.858 ng
RT: 14.674 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



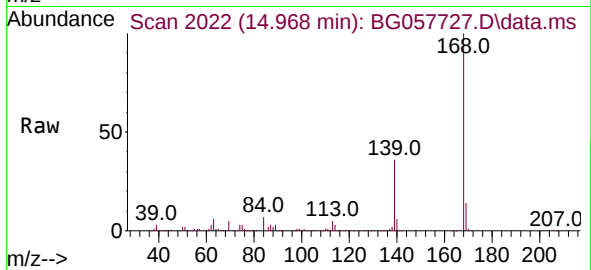
Tgt Ion:184 Resp: 61034
Ion Ratio Lower Upper
184 100
63 77.4 59.0 88.6
154 63.2 47.5 71.3





#55
Dibenzofuran
Concen: 53.697 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

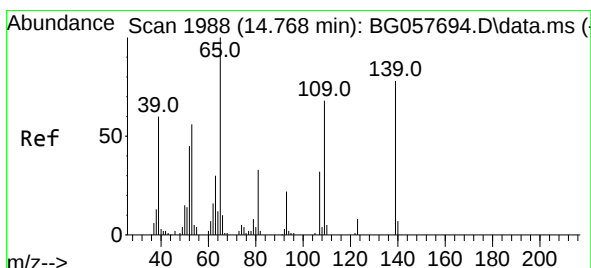
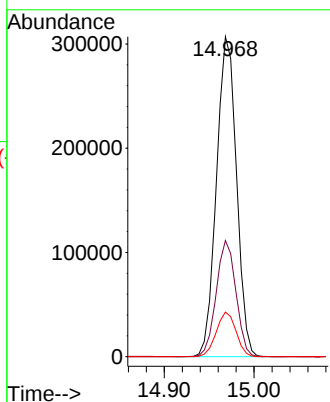
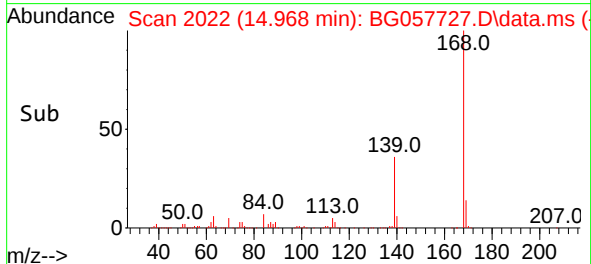
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:168 Resp: 47519
Ion Ratio Lower Upper
168 100
139 36.3 28.7 43.1
169 14.0 10.4 15.6

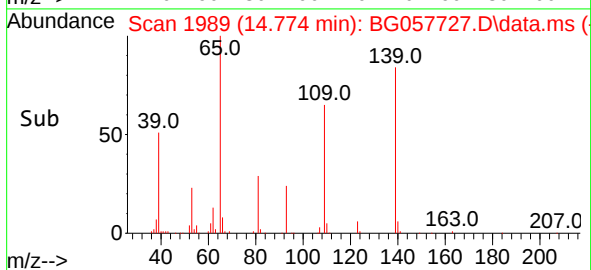
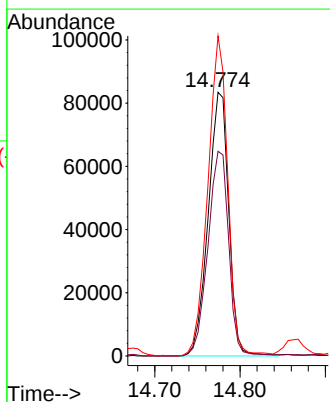
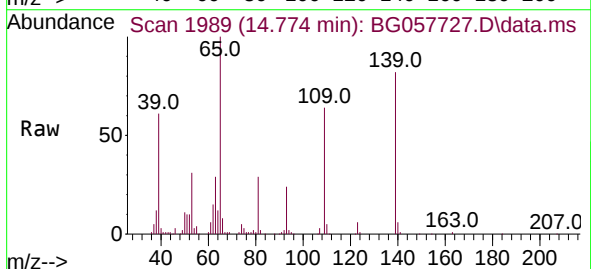
Manual Integrations
APPROVED

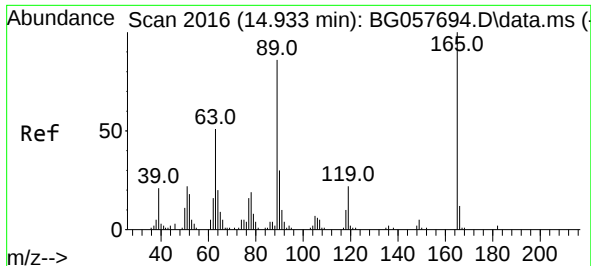
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#56
4-Nitrophenol
Concen: 111.251 ng
RT: 14.774 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

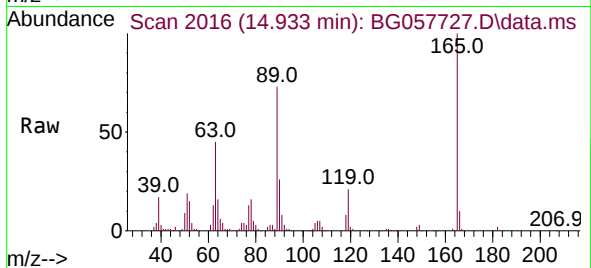
Tgt Ion:139 Resp: 139211
Ion Ratio Lower Upper
139 100
109 77.6 67.3 107.3
65 121.4 108.3 148.3





#57
2,4-Dinitrotoluene
Concen: 71.610 ng
RT: 14.933 min Scan# 2016
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

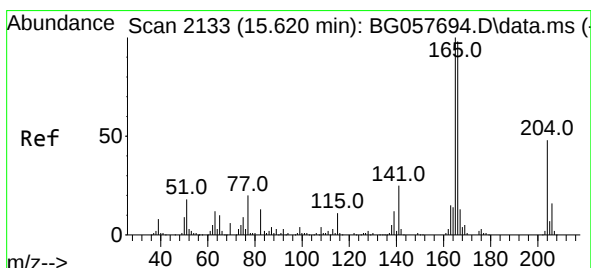
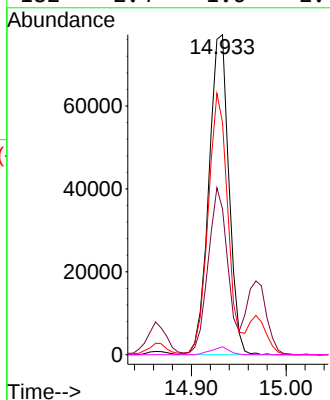
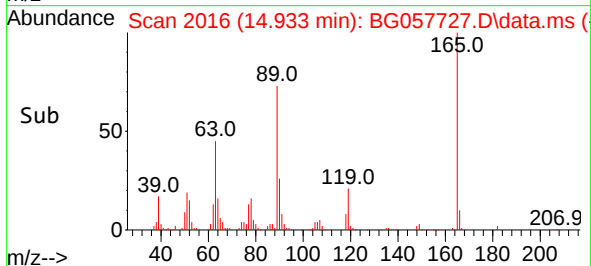
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:165 Resp: 11322
Ion Ratio Lower Upper
165 100
63 45.5 40.8 61.2
89 72.6 68.5 102.7
182 2.4 1.6 2.4#

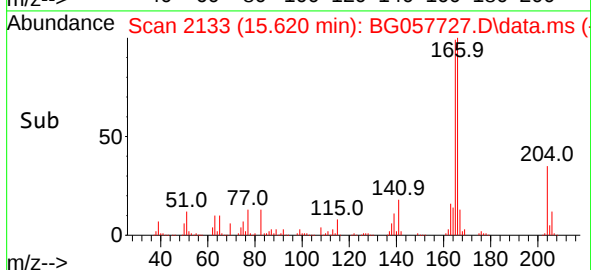
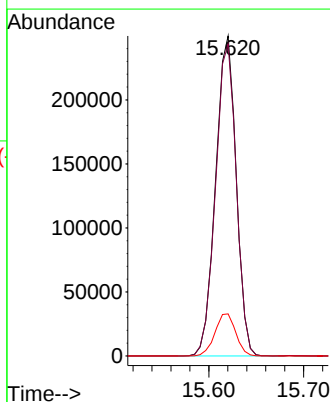
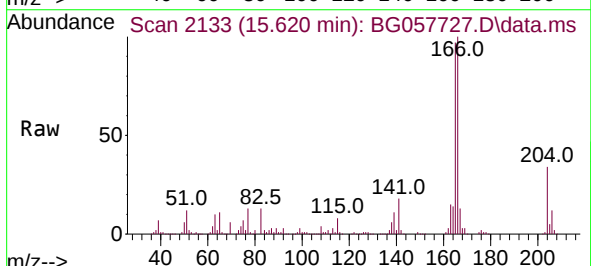
Manual Integrations
APPROVED

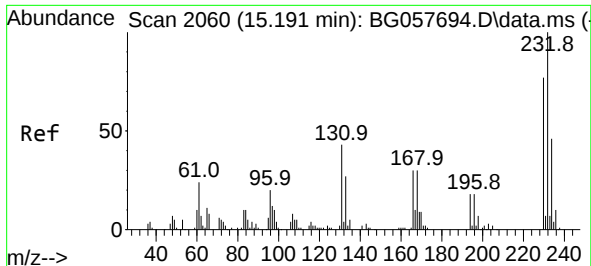
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#58
Fluorene
Concen: 53.384 ng
RT: 15.620 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

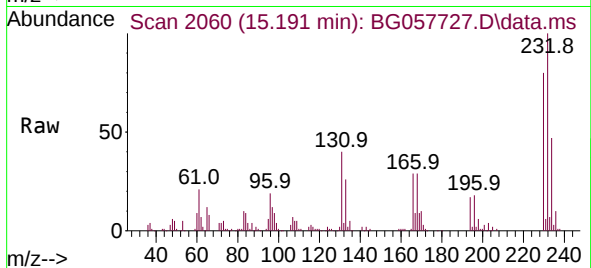
Tgt Ion:166 Resp: 376333
Ion Ratio Lower Upper
166 100
165 97.5 81.6 122.4
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.976 ng
RT: 15.191 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

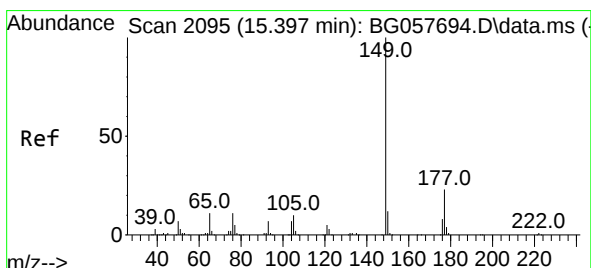
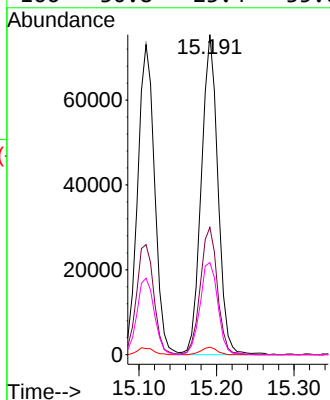
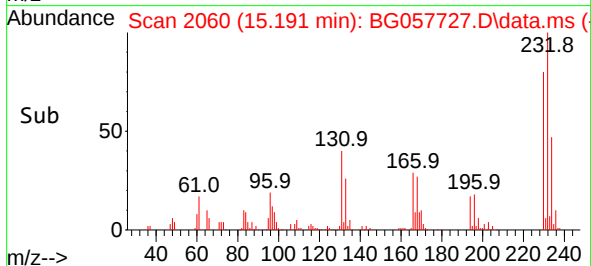
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



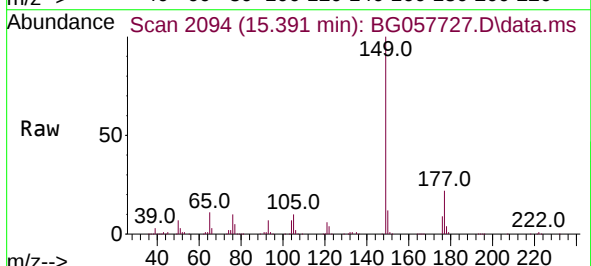
Tgt Ion:232 Resp: 112279
Ion Ratio Lower Upper
232 100
131 40.8 32.6 49.0
130 2.2 1.6 2.4
166 30.8 23.4 35.0

Manual Integrations
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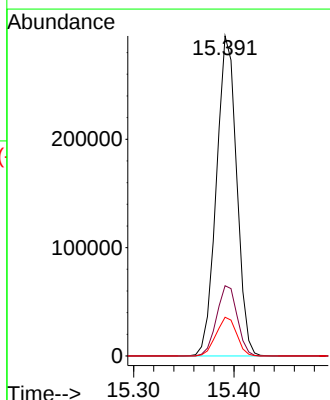
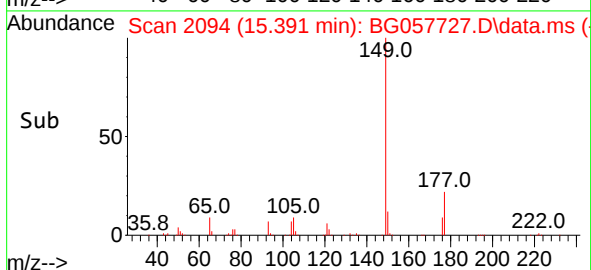
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

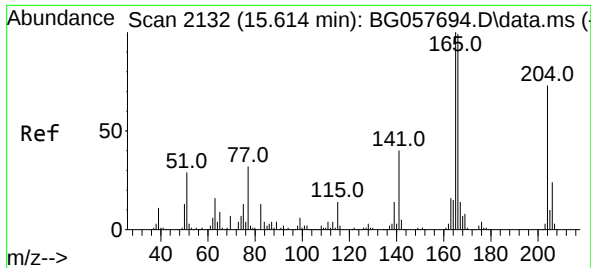


#60
Diethylphthalate
Concen: 56.213 ng
RT: 15.391 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



Tgt Ion:149 Resp: 413203
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.1 9.6 14.4





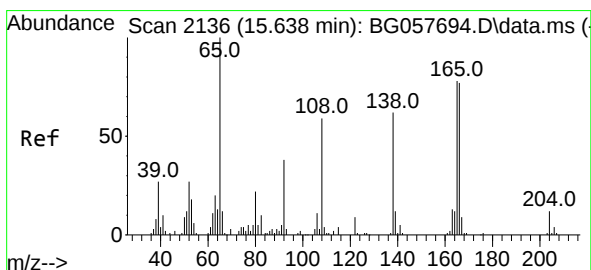
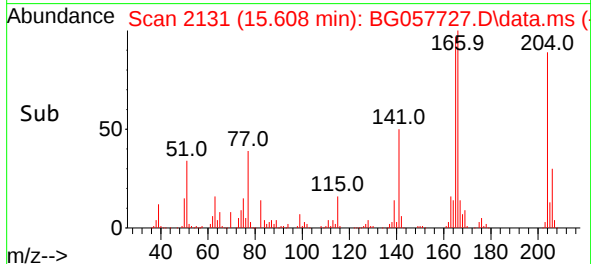
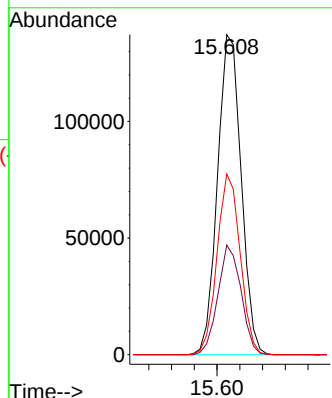
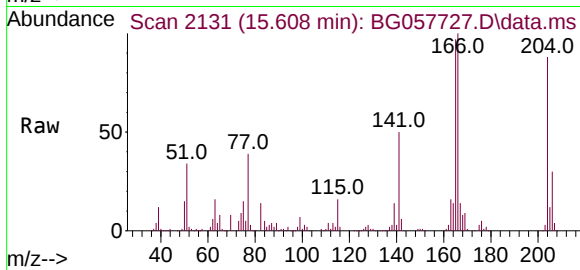
#61
4-Chlorophenyl-phenylether
Concen: 52.555 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:204 Resp: 198480
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 56.5 43.8 65.6

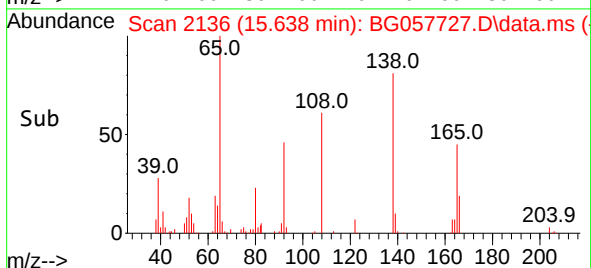
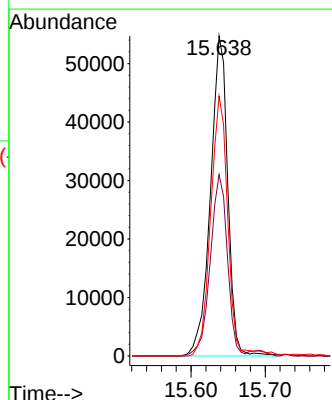
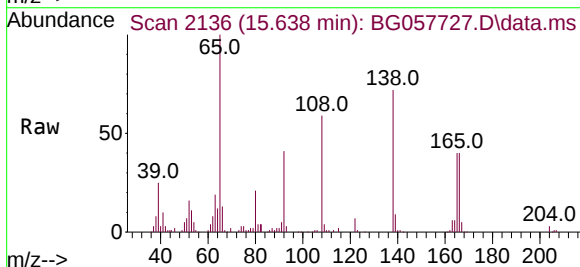
Manual Integrations
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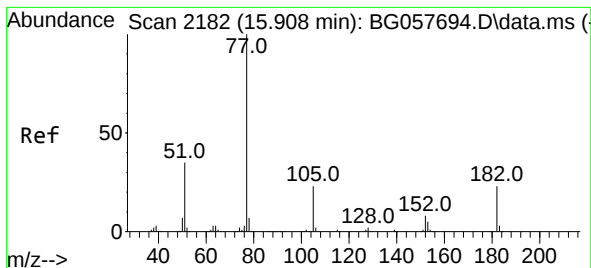
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#62
4-Nitroaniline
Concen: 63.875 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:138 Resp: 88550
Ion Ratio Lower Upper
138 100
92 56.7 41.6 81.6
108 81.2 74.8 114.8





#63

Azobenzene

Concen: 52.498 ng

RT: 15.902 min Scan# 2182

Delta R.T. -0.007 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS

Tgt Ion: 77 Resp: 414934

Ion Ratio Lower Upper

77 100

182 23.1 3.2 43.2

105 23.8 3.3 43.3

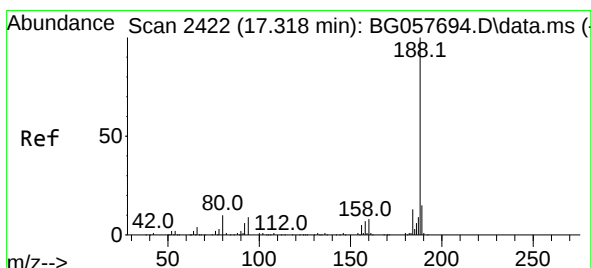
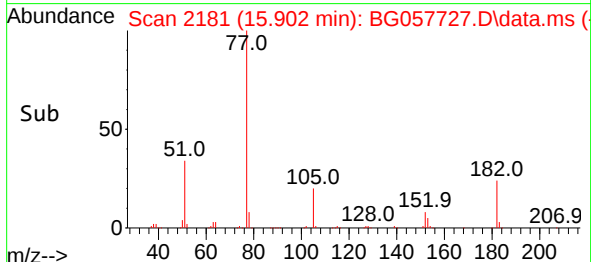
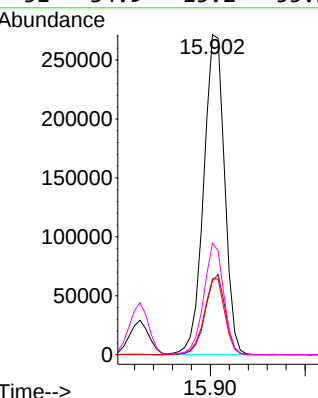
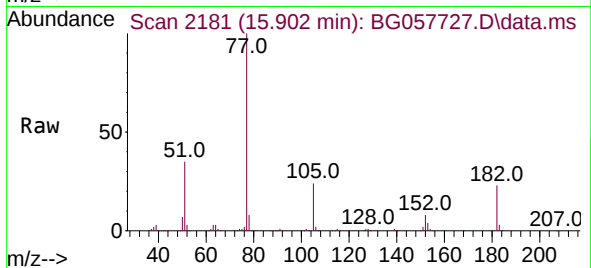
51 34.9 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.007 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

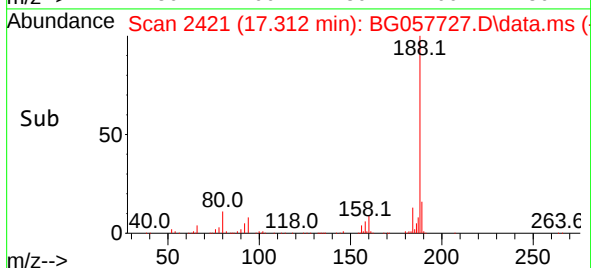
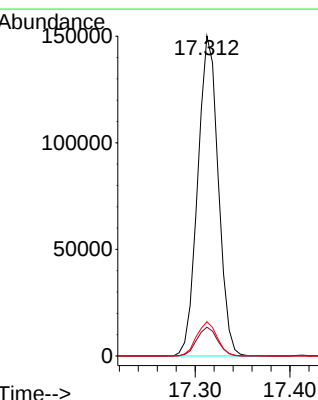
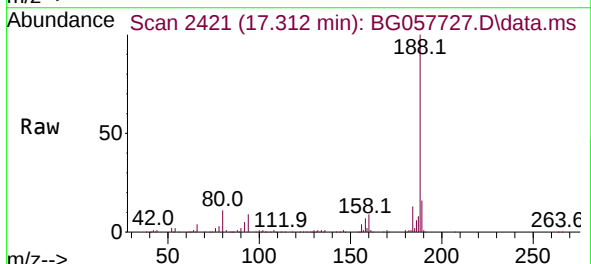
Tgt Ion:188 Resp: 225250

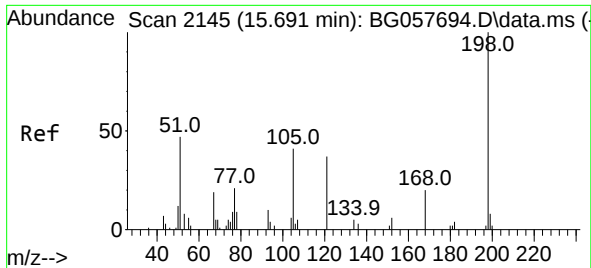
Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 10.7 8.2 12.4





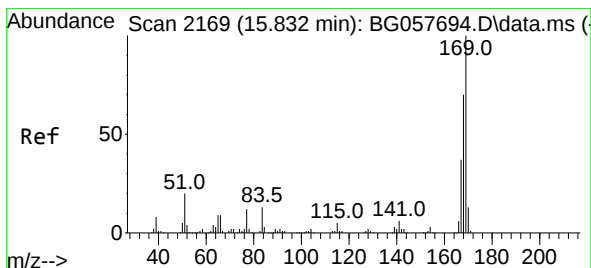
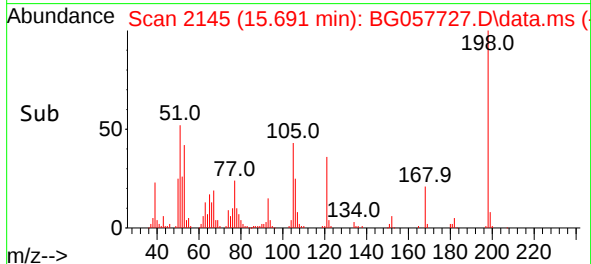
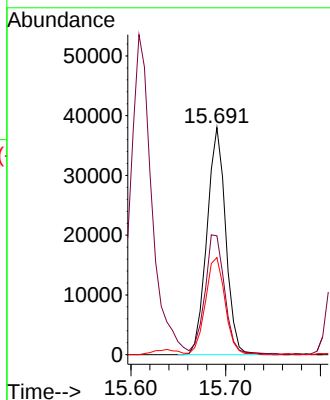
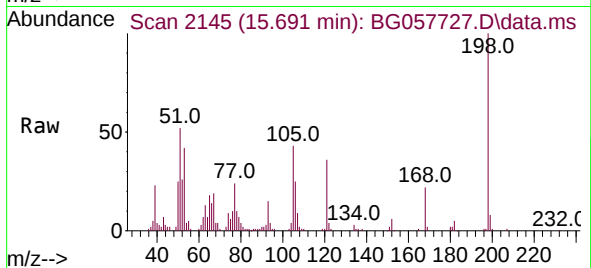
#65
4,6-Dinitro-2-methylphenol
Concen: 77.558 ng
RT: 15.691 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:198 Resp: 52178
Ion Ratio Lower Upper
198 100
51 52.3 42.0 82.0
105 42.7 30.9 70.9

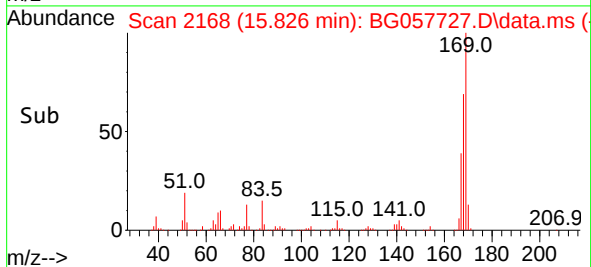
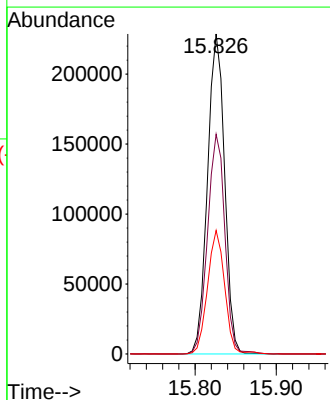
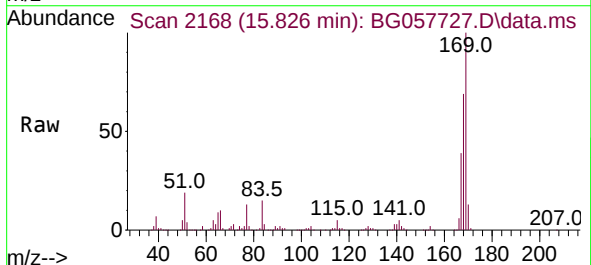
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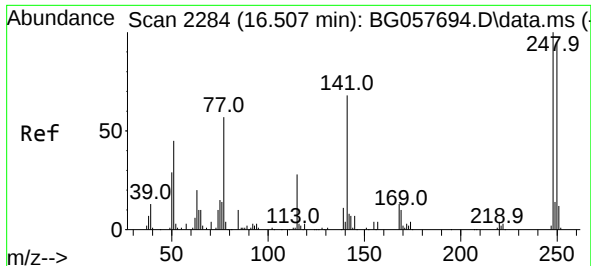
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 56.634 ng
RT: 15.826 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

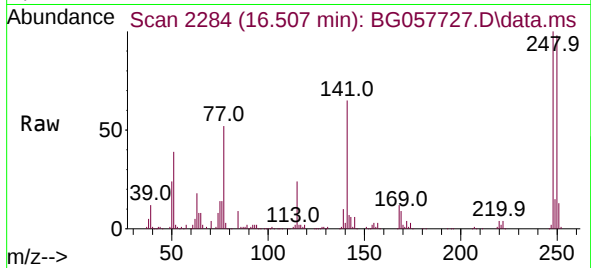
Tgt Ion:169 Resp: 333478
Ion Ratio Lower Upper
169 100
168 68.7 55.8 83.6
167 38.6 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 58.444 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

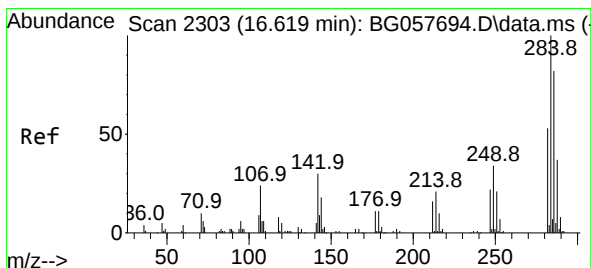
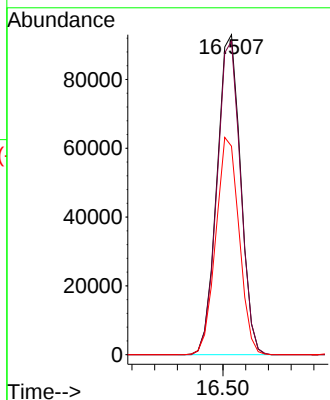
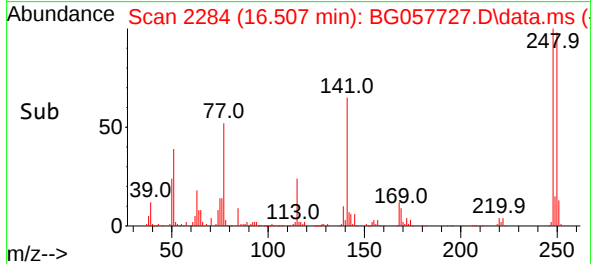
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



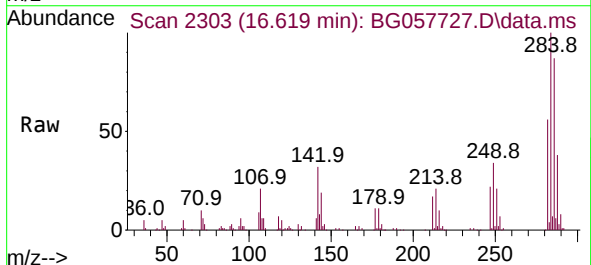
Tgt Ion:248 Resp: 134040
Ion Ratio Lower Upper
248 100
250 98.0 76.3 114.5
141 65.2 54.6 82.0

Manual Integrations
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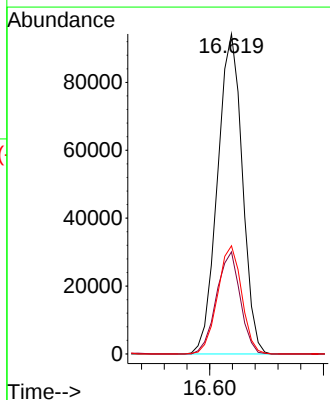
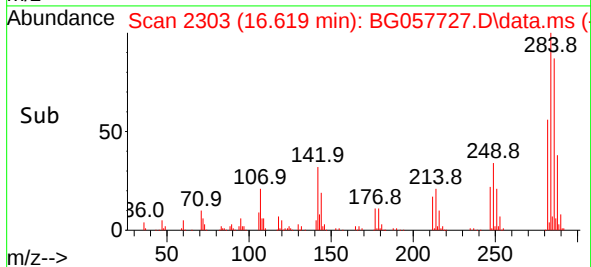
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

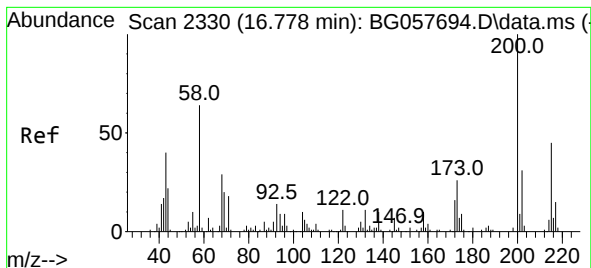


#68
Hexachlorobenzene
Concen: 59.550 ng
RT: 16.619 min Scan# 2303
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



Tgt Ion:284 Resp: 142739
Ion Ratio Lower Upper
284 100
142 31.9 24.1 36.1
249 33.8 26.8 40.2





#69

Atrazine

Concen: 69.214 ng

RT: 16.778 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:200 Resp: 13559

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

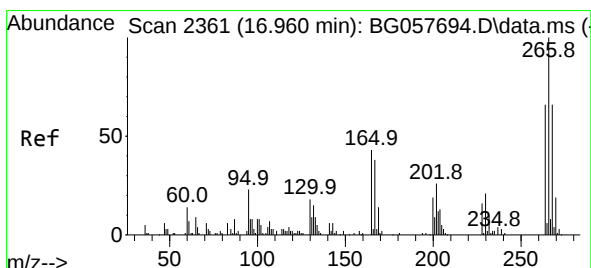
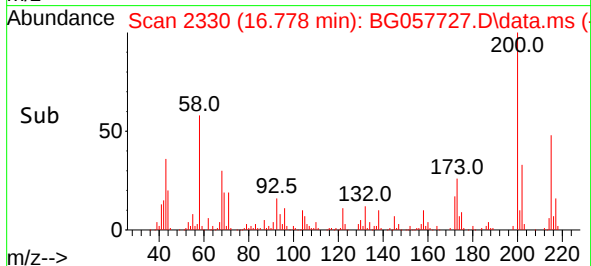
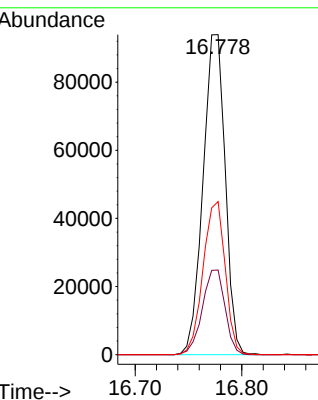
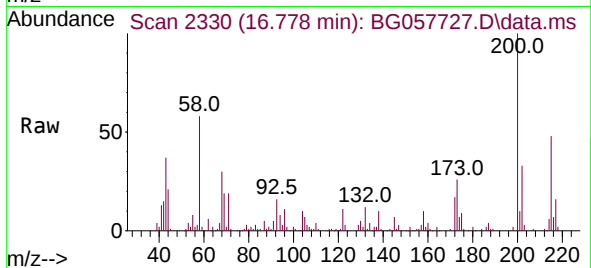
215 47.9 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 126.340 ng

RT: 16.960 min Scan# 2361

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

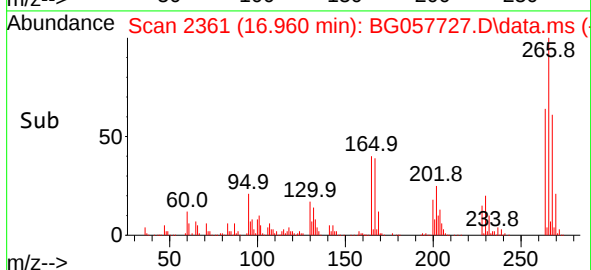
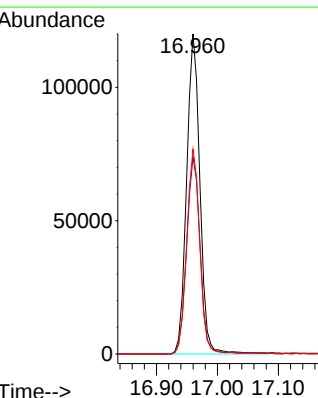
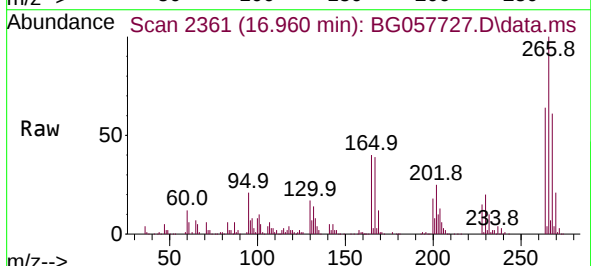
Tgt Ion:266 Resp: 181806

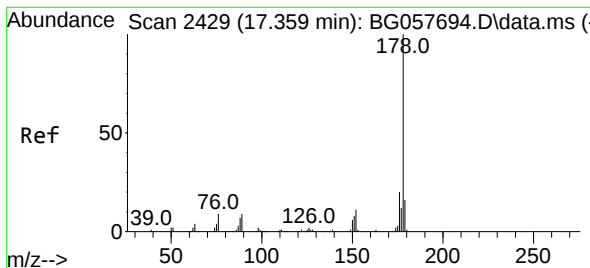
Ion Ratio Lower Upper

266 100

268 61.4 53.0 79.6

264 64.0 52.4 78.6





#71

Phenanthrene

Concen: 55.867 ng

RT: 17.359 min Scan# 2429

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

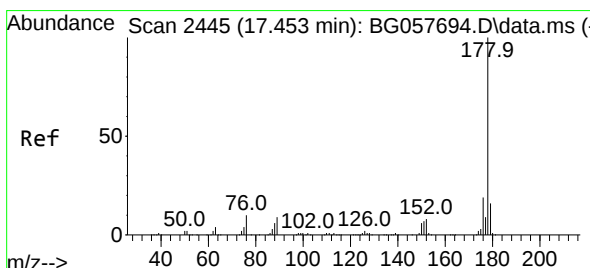
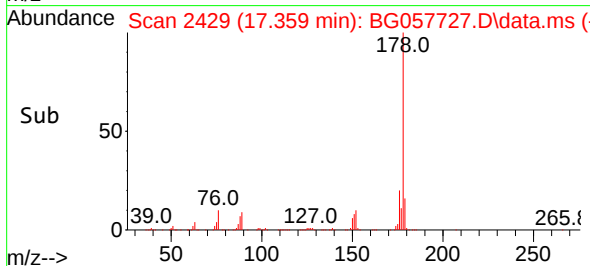
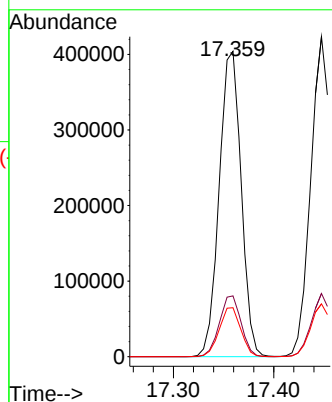
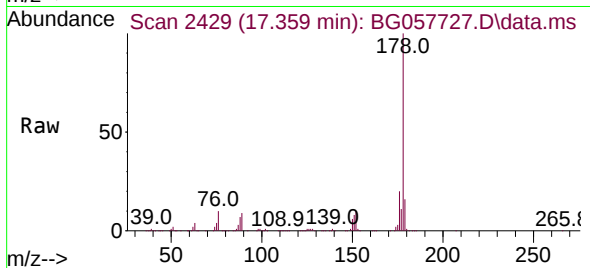
ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:178 Resp: 61406
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.2
 179 16.0 13.0 19.6

Manual Integrations
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Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#72

Anthracene

Concen: 55.960 ng

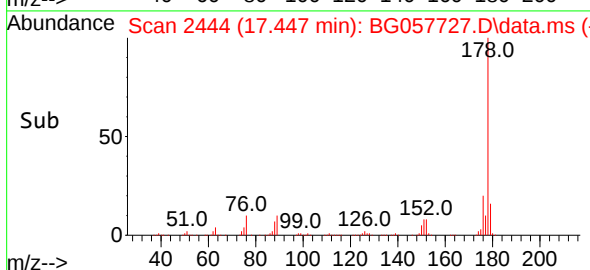
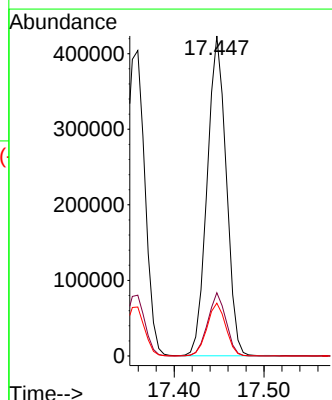
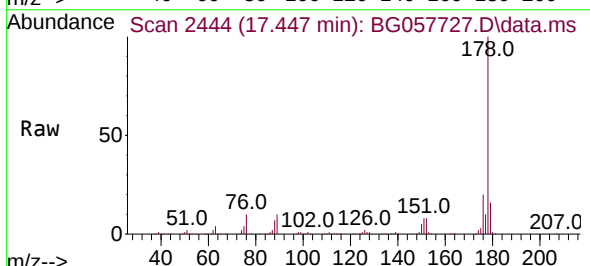
RT: 17.447 min Scan# 2444

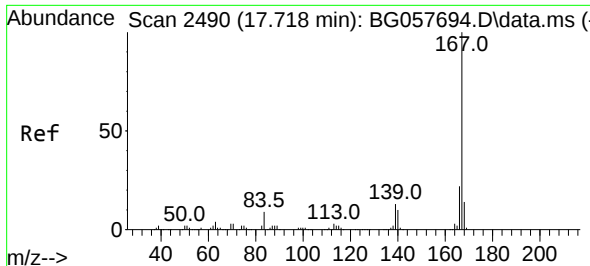
Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

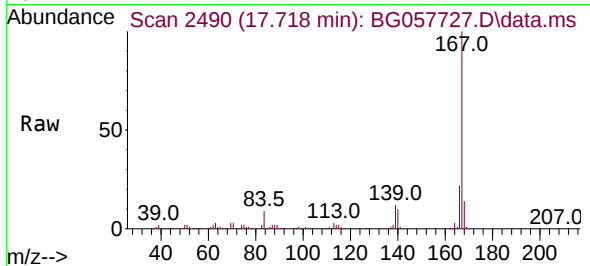
Tgt Ion:178 Resp: 623114
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 16.5 12.9 19.3





#73
 Carbazole
 Concen: 58.130 ng
 RT: 17.718 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG057727.D
 Acq: 15 Jun 2023 16:45

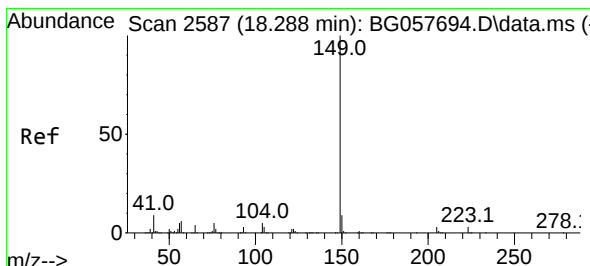
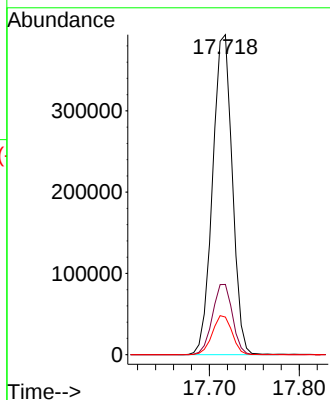
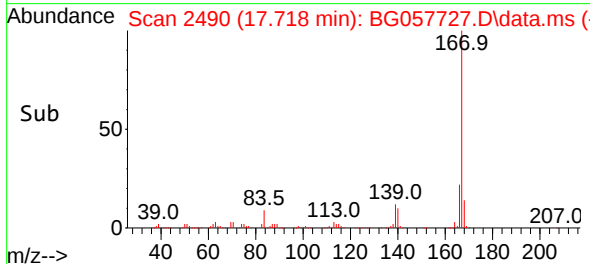
Instrument :
 BNA_G
 ClientSampleId :
 SU-622-COMP-01MS



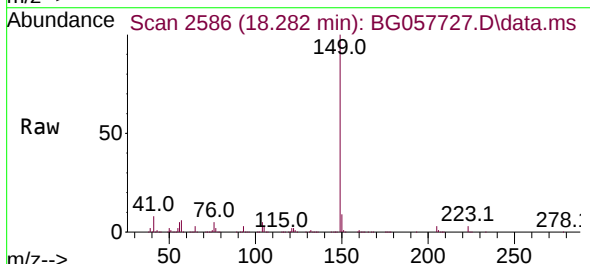
Tgt Ion:167 Resp: 59945
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 11.8 10.2 15.2

Manual Integrations
 APPROVED

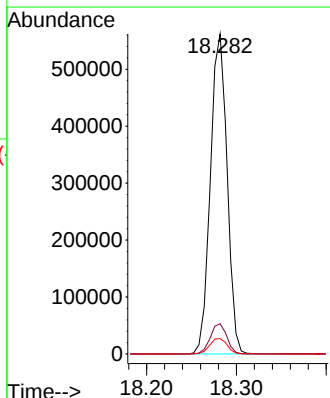
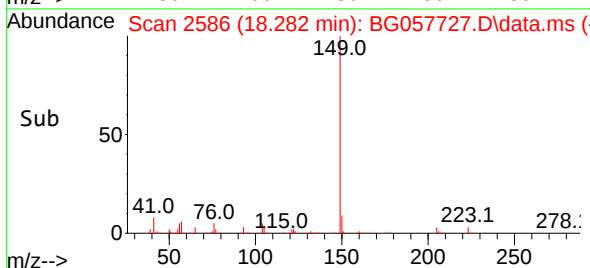
Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

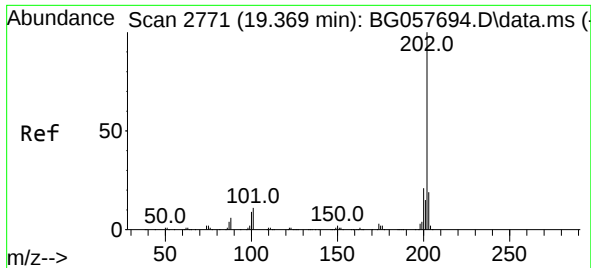


#74
 Di-n-butylphthalate
 Concen: 63.542 ng
 RT: 18.282 min Scan# 2586
 Delta R.T. -0.001 min
 Lab File: BG057727.D
 Acq: 15 Jun 2023 16:45



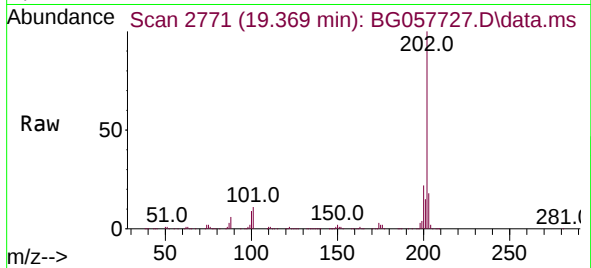
Tgt Ion:149 Resp: 726299
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.6
 104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 55.631 ng
RT: 19.369 min Scan# 2771
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

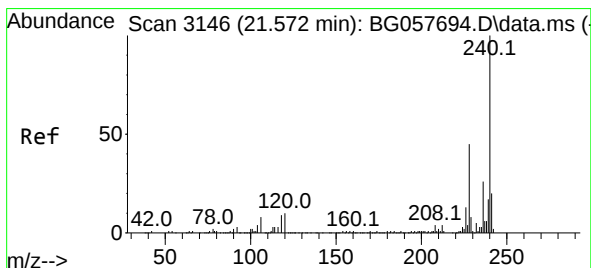
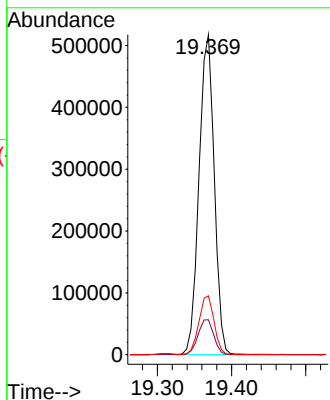
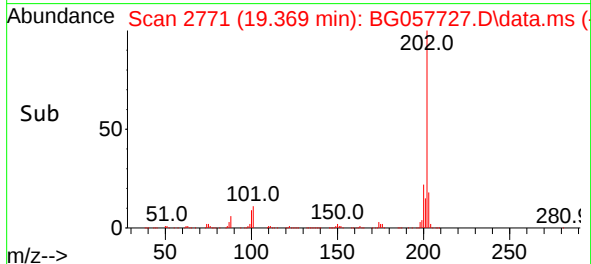
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



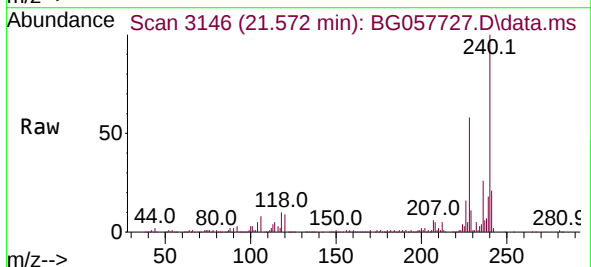
Tgt Ion:202 Resp: 736628
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 18.4 0.0 38.5

Manual Integrations
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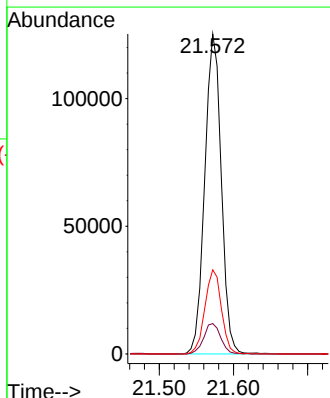
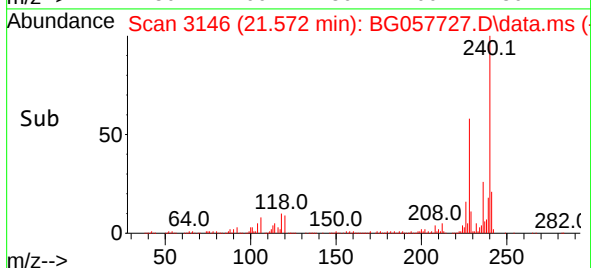
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

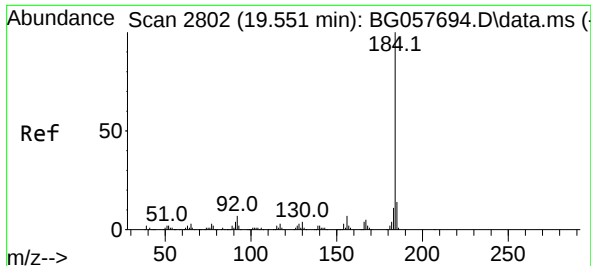


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



Tgt Ion:240 Resp: 193844
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.3 20.7 31.1





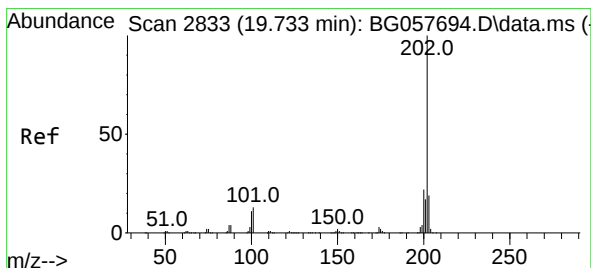
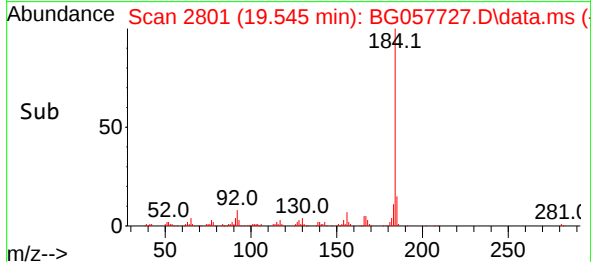
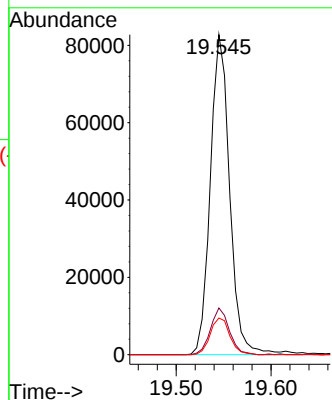
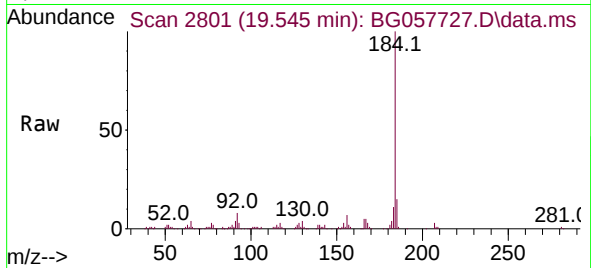
#77
Benzidine
Concen: 25.314 ng
RT: 19.545 min Scan# 2801
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

Tgt Ion:184 Resp: 116970
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 11.4 8.4 12.6

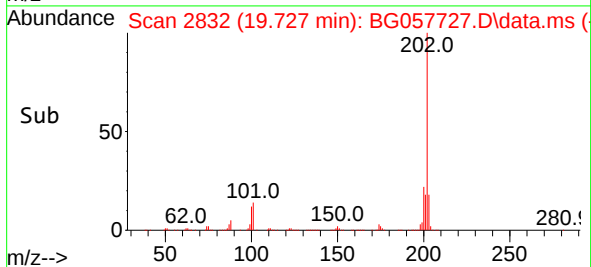
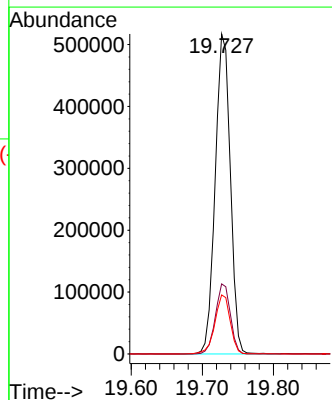
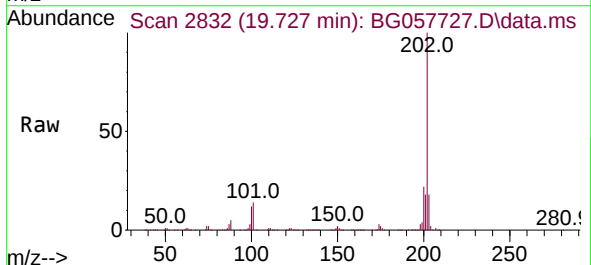
Manual Integrations
APPROVED

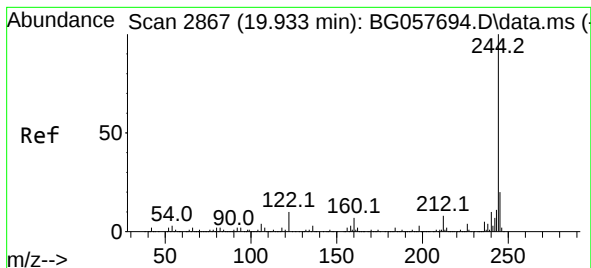
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#78
Pyrene
Concen: 55.193 ng
RT: 19.727 min Scan# 2832
Delta R.T. -0.007 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:202 Resp: 761233
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.0
203 18.5 14.9 22.3





#79

Terphenyl-d14

Concen: 115.465 ng

RT: 19.933 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:244 Resp: 1210598

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

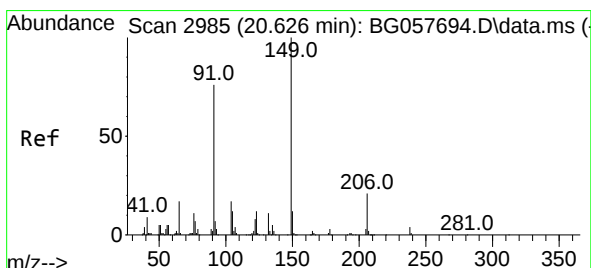
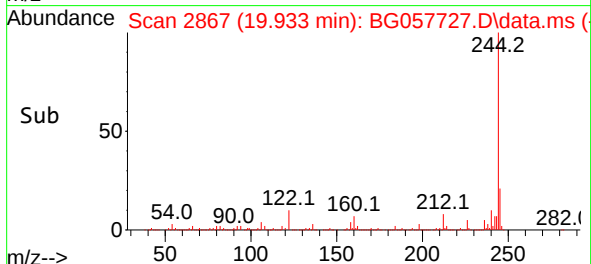
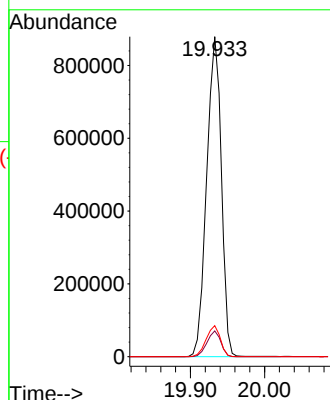
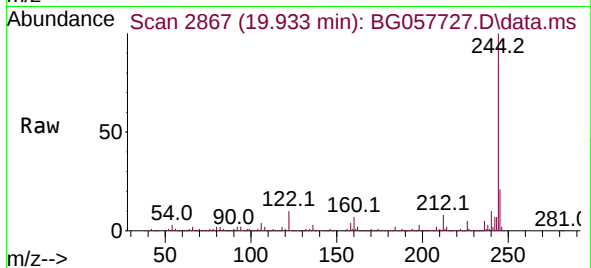
122 9.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#80

Butylbenzylphthalate

Concen: 63.566 ng

RT: 20.620 min Scan# 2984

Delta R.T. -0.007 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

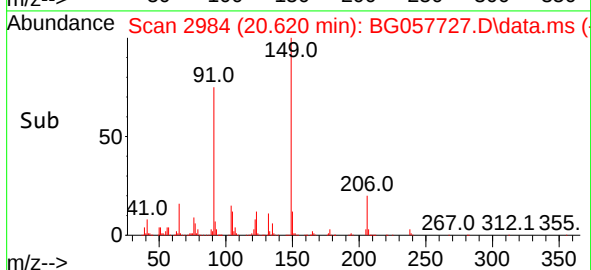
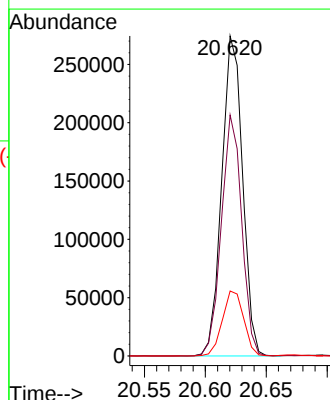
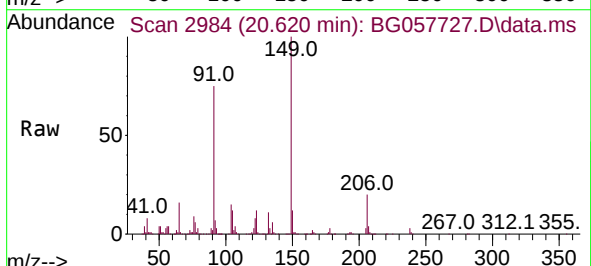
Tgt Ion:149 Resp: 326395

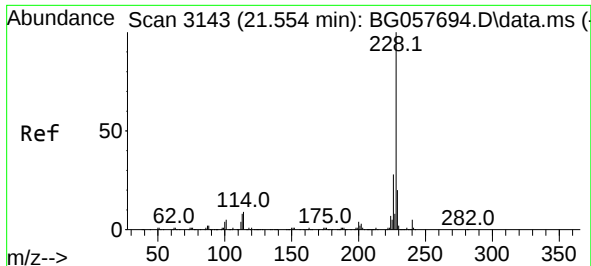
Ion Ratio Lower Upper

149 100

91 75.3 60.8 91.2

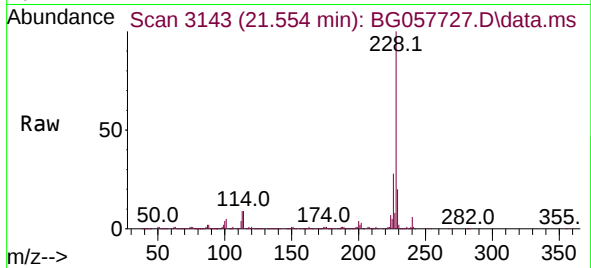
206 20.3 16.8 25.2





#81
Benzo(a)anthracene
Concen: 56.574 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

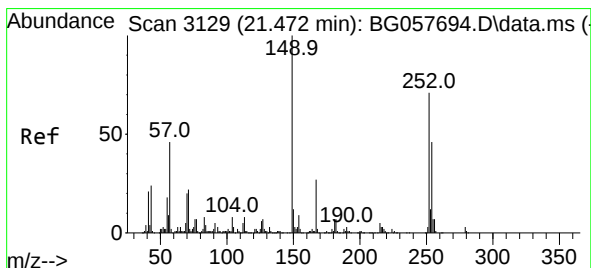
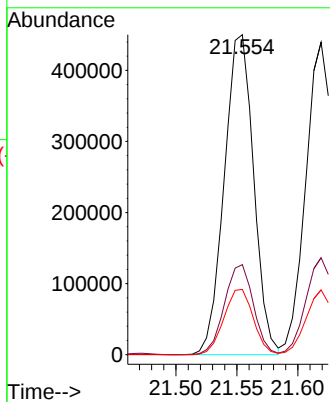
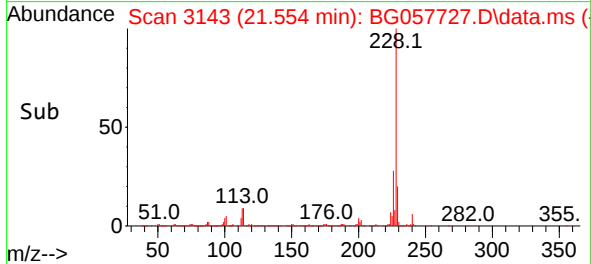
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



Tgt Ion:228 Resp: 75735
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.4 15.9 23.9

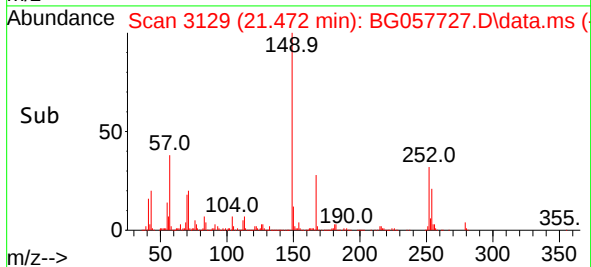
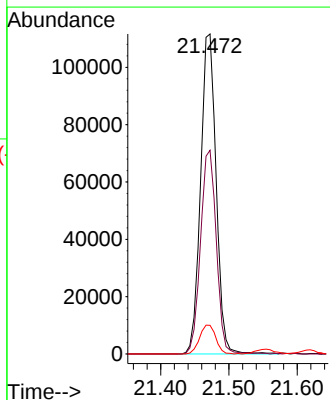
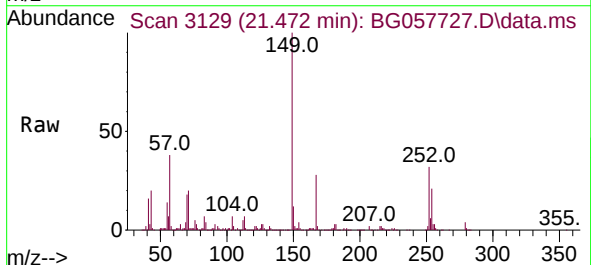
Manual Integrations
APPROVED

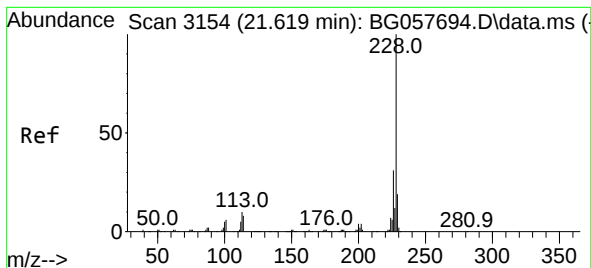
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.578 ng
RT: 21.472 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

Tgt Ion:252 Resp: 176936
Ion Ratio Lower Upper
252 100
254 63.7 51.9 77.9
126 8.9 7.4 11.0





#83

Chrysene

Concen: 55.528 ng

RT: 21.619 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

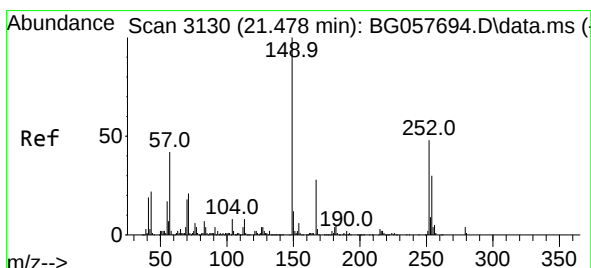
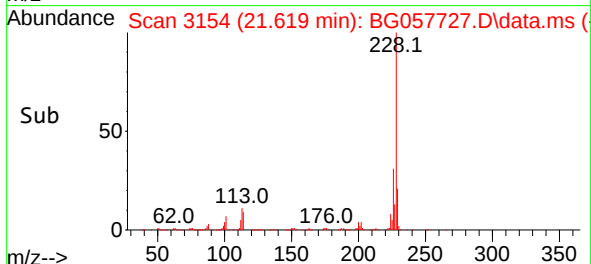
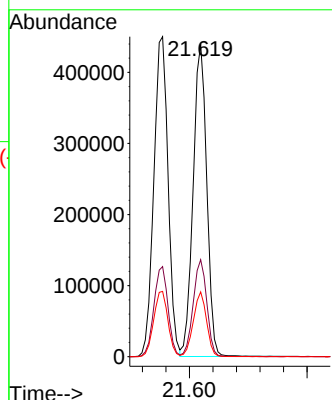
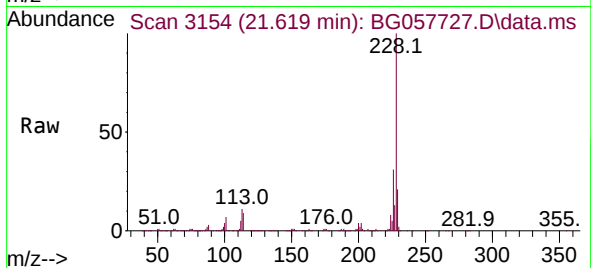
ClientSampleId :

SU-622-COMP-01MS

Tgt Ion:228 Resp: 707435
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 36.8
 229 20.7 15.5 23.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.761 ng

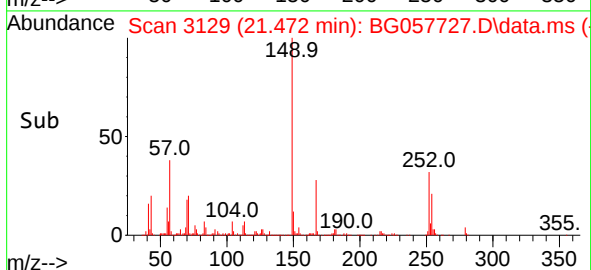
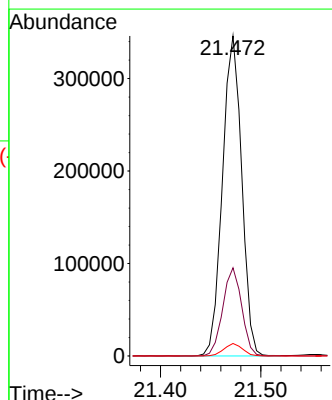
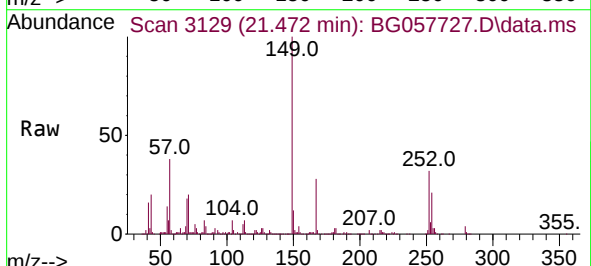
RT: 21.472 min Scan# 3129

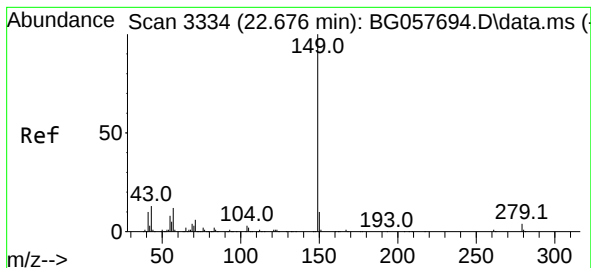
Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Tgt Ion:149 Resp: 460428
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.1 33.1
 279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 72.048 ng

RT: 22.665 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

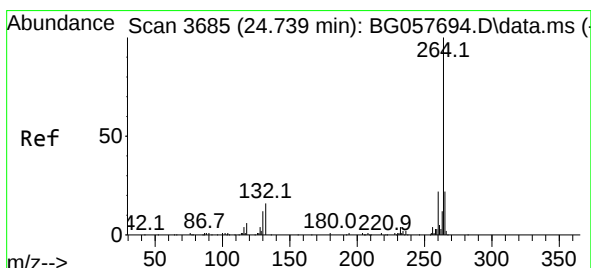
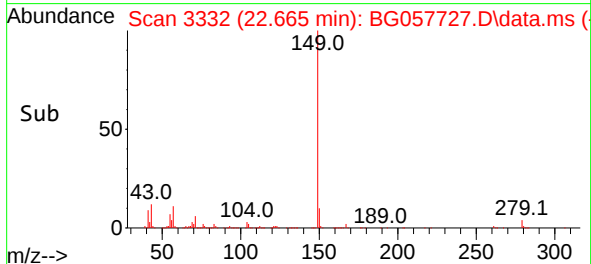
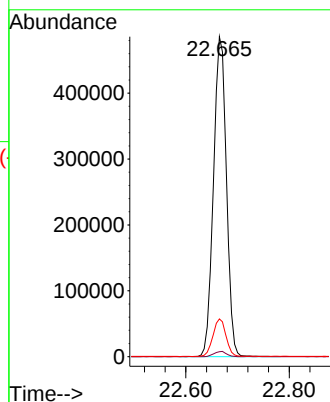
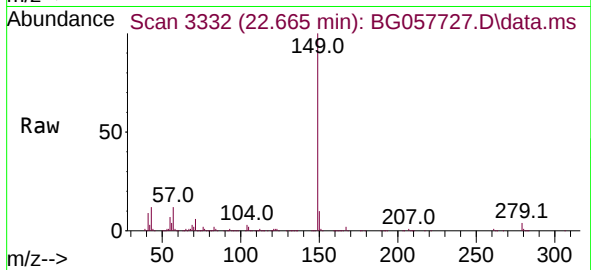
SU-622-COMP-01MS

Tgt Ion:149 Resp: 844150
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023



#86

Perylene-d12

Concen: 20.000 ng

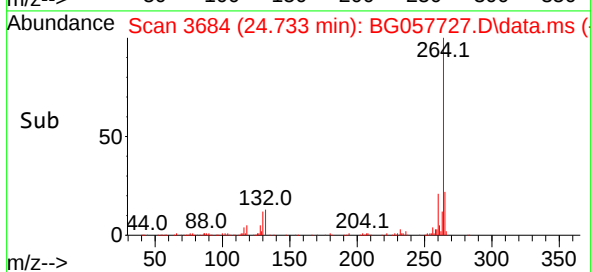
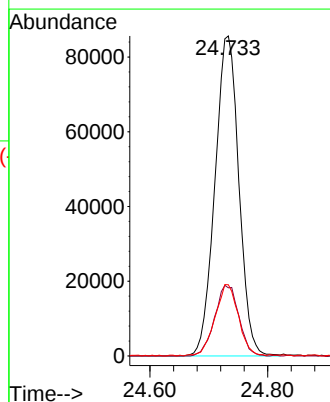
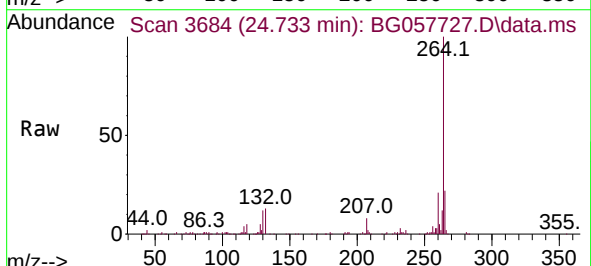
RT: 24.733 min Scan# 3684

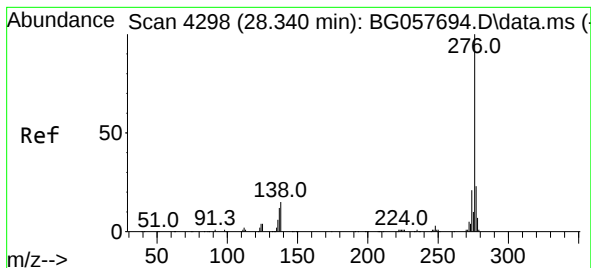
Delta R.T. -0.001 min

Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Tgt Ion:264 Resp: 241150
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.3 25.9
 265 22.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.767 ng

RT: 28.341 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG057727.D

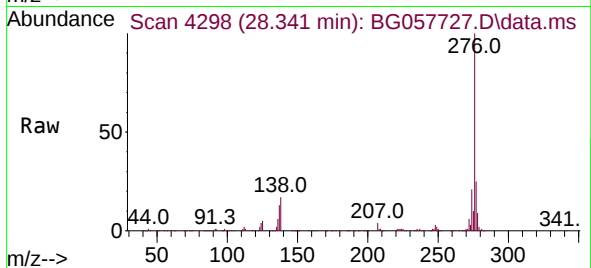
Acq: 15 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

SU-622-COMP-01MS



Tgt Ion:276 Resp: 948172

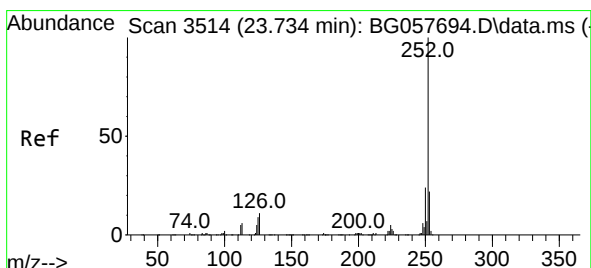
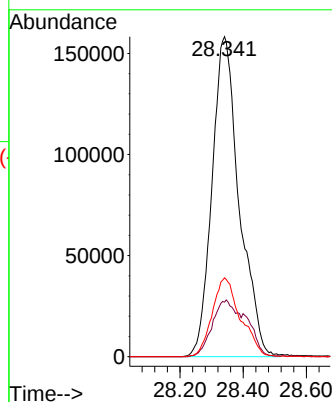
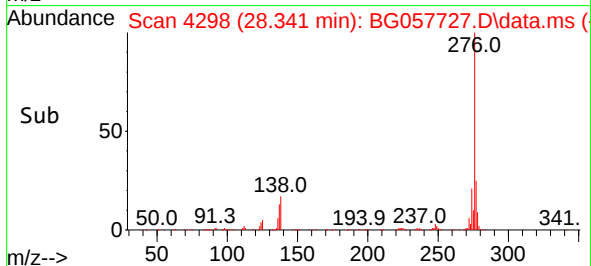
Ion	Ratio	Lower	Upper
276	100		
138	16.4	11.9	17.9
277	25.6	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 61.961 ng

RT: 23.728 min Scan# 3513

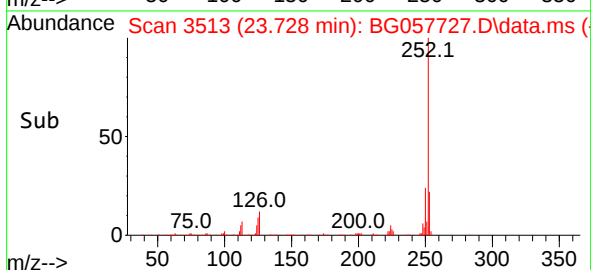
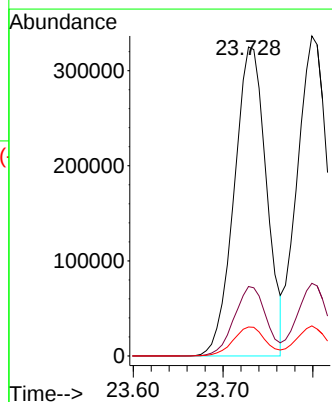
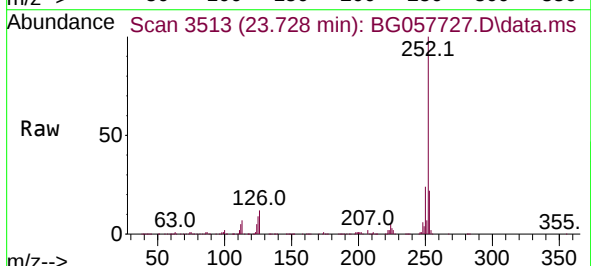
Delta R.T. -0.001 min

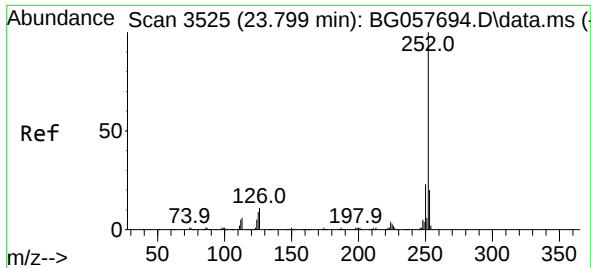
Lab File: BG057727.D

Acq: 15 Jun 2023 16:45

Tgt Ion:252 Resp: 810589

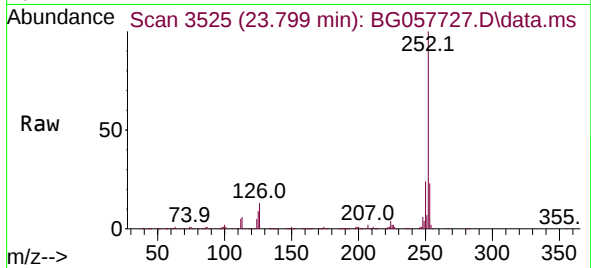
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.4	7.1	10.7





#89
Benzo(k)fluoranthene
Concen: 58.510 ng
RT: 23.799 min Scan# 3525
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

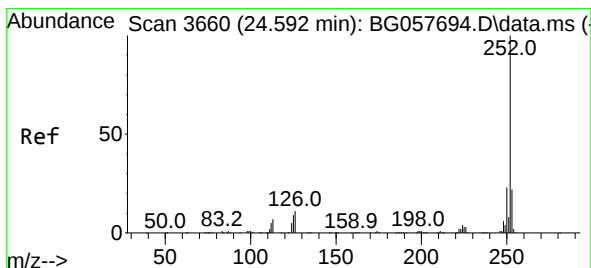
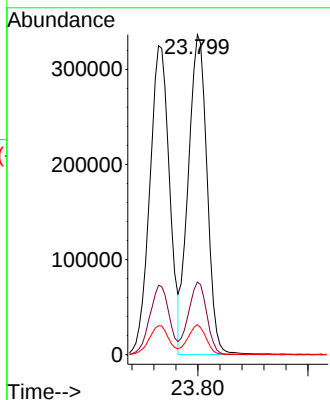
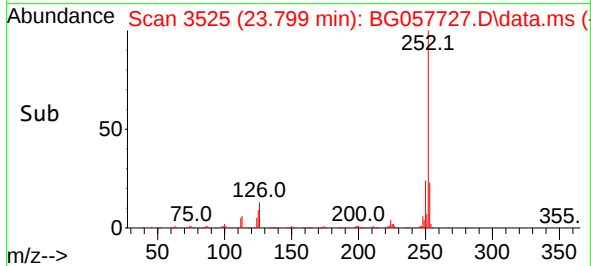
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



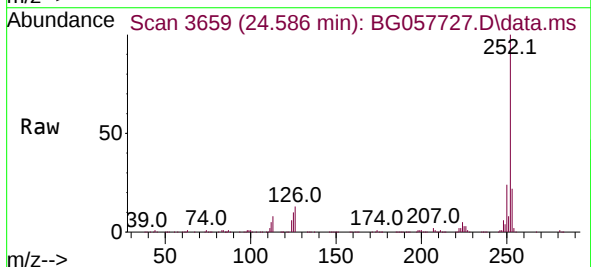
Tgt Ion:252 Resp: 793860
Ion Ratio Lower Upper
252 100
253 22.7 16.6 25.0
125 9.4 7.3 10.9

Manual Integrations
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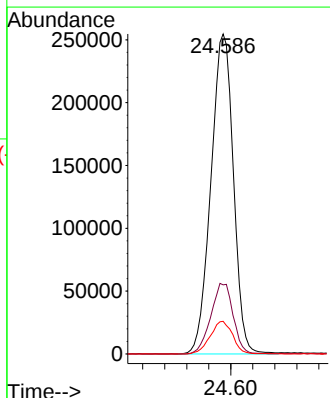
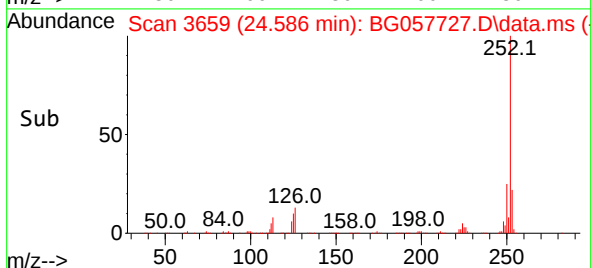
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

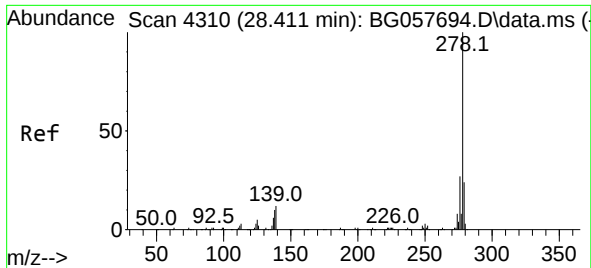


#90
Benzo(a)pyrene
Concen: 56.153 ng
RT: 24.586 min Scan# 3659
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



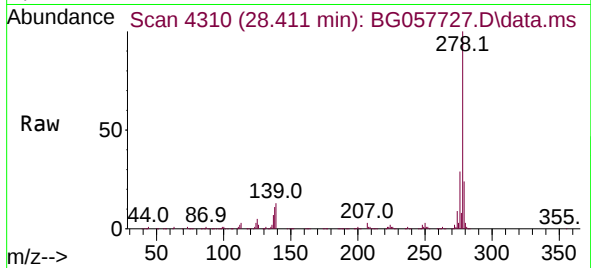
Tgt Ion:252 Resp: 722275
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.2 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 61.133 ng
RT: 28.411 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45

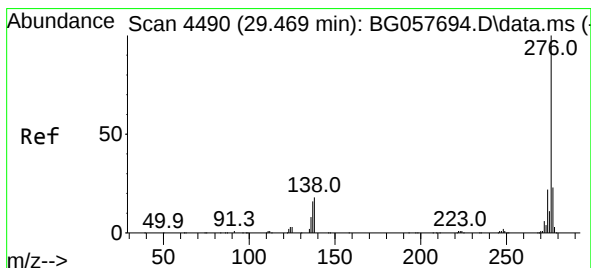
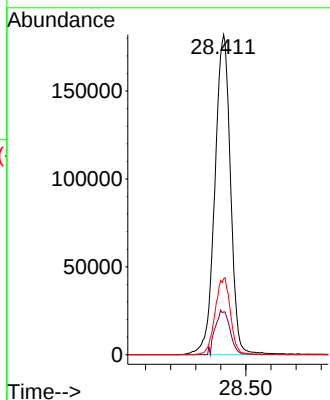
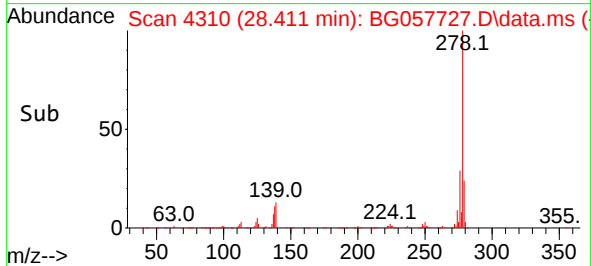
Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS



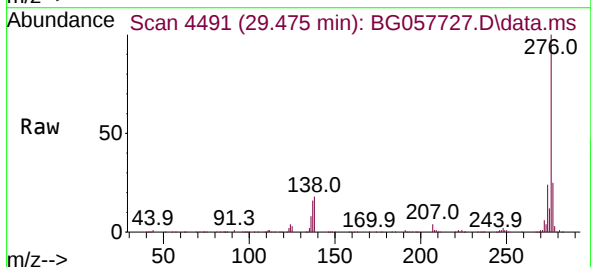
Tgt Ion:278 Resp: 788250
Ion Ratio Lower Upper
278 100
139 13.4 10.0 15.0
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 60.441 ng
RT: 29.475 min Scan# 4491
Delta R.T. 0.005 min
Lab File: BG057727.D
Acq: 15 Jun 2023 16:45



Tgt Ion:276 Resp: 777853
Ion Ratio Lower Upper
276 100
277 25.2 18.1 27.1
138 18.0 14.6 21.8

