

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058778.D
 Acq On : 18 Aug 2023 16:08
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 01:45:17 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 21 01:40:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	29734	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	123704	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	86715	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	210713	20.000	ng	0.00
76) Chrysene-d12	21.448	240	173300	20.000	ng	0.00
86) Perylene-d12	24.521	264	221597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	154373	83.549	ng	0.00
7) Phenol-d6	6.983	99	219330	84.607	ng	0.00
23) Nitrobenzene-d5	8.980	82	209231	81.318	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	113037	83.135	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	471115	79.019	ng	0.00
79) Terphenyl-d14	19.827	244	787399	81.584	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	36303	41.791	ng	90
3) Pyridine	3.669	79	96886	42.206	ng	94
4) n-Nitrosodimethylamine	3.587	42	50017	40.078	ng	94
6) Aniline	7.136	93	135254	42.681	ng	99
8) 2-Chlorophenol	7.377	128	78596	42.070	ng	96
9) Benzaldehyde	6.953	77	60202	41.401	ng	100
10) Phenol	7.012	94	107420	42.973	ng	95
11) bis(2-Chloroethyl)ether	7.235	93	80960	41.507	ng	98
12) 1,3-Dichlorobenzene	7.700	146	82743	41.697	ng	99
13) 1,4-Dichlorobenzene	7.847	146	84067	41.894	ng	98
14) 1,2-Dichlorobenzene	8.164	146	80014	41.255	ng	98
15) Benzyl Alcohol	8.052	79	83041	44.803	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	174893	42.074	ng	98
17) 2-Methylphenol	8.258	107	77823	42.388	ng	97
18) Hexachloroethane	8.886	117	31012	42.416	ng	98
19) n-Nitroso-di-n-propyla...	8.616	70	71405	42.612	ng	99
20) 3+4-Methylphenols	8.587	107	108484	43.950	ng	97
22) Acetophenone	8.634	105	135560	40.482	ng	99
24) Nitrobenzene	9.022	77	107093	41.848	ng	98
25) Isophorone	9.539	82	207609	40.574	ng	98
26) 2-Nitrophenol	9.727	139	45602	42.607	ng	97
27) 2,4-Dimethylphenol	9.791	122	73544	40.545	ng	96
28) bis(2-Chloroethoxy)met...	10.020	93	111104	40.992	ng	98
29) 2,4-Dichlorophenol	10.267	162	79407	42.602	ng	94
30) 1,2,4-Trichlorobenzene	10.473	180	90207	40.077	ng	100
31) Naphthalene	10.661	128	261116	40.201	ng	100
32) Benzoic acid	9.956	122	43458m	40.157	ng	
33) 4-Chloroaniline	10.778	127	116795	42.637	ng	98
34) Hexachlorobutadiene	10.943	225	61373	40.401	ng	98
35) Caprolactam	11.566	113	28349	42.444	ng	97
36) 4-Chloro-3-methylphenol	11.912	107	96881	41.796	ng	98
37) 2-Methylnaphthalene	12.277	142	188429	40.392	ng	99
38) 1-Methylnaphthalene	12.494	142	179845	40.613	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	108011	40.403	ng	99
41) Hexachlorocyclopentadiene	12.623	237	37449	40.494	ng	95
43) 2,4,6-Trichlorophenol	12.894	196	72816	42.807	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	84506	41.486	ng	94
46) 1,1'-Biphenyl	13.287	154	237846	39.816	ng	99
47) 2-Chloronaphthalene	13.334	162	189130	40.627	ng	100
48) 2-Nitroaniline	13.546	65	75912	42.936	ng	97
49) Acenaphthylene	14.180	152	312094	40.427	ng	98
50) Dimethylphthalate	13.916	163	269403	40.125	ng	99
51) 2,6-Dinitrotoluene	14.039	165	59605	42.256	ng	95
52) Acenaphthene	14.521	154	179059	39.691	ng	99
53) 3-Nitroaniline	14.374	138	60195	44.246	ng	# 91
54) 2,4-Dinitrophenol	14.592	184	27623	38.908	ng	95
55) Dibenzofuran	14.856	168	312025	40.095	ng	97
56) 4-Nitrophenol	14.691	139	38352	41.254	ng	98
57) 2,4-Dinitrotoluene	14.838	165	84154	42.774	ng	97
58) Fluorene	15.508	166	246047	39.728	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	69926	42.068	ng	# 95
60) Diethylphthalate	15.279	149	280092	40.461	ng	99
61) 4-Chlorophenyl-phenylether	15.496	204	137700	40.114	ng	95
62) 4-Nitroaniline	15.543	138	60031	43.481	ng	96
63) Azobenzene	15.790	77	256630	40.373	ng	99
65) 4,6-Dinitro-2-methylphthalate	15.602	198	51000	42.820	ng	96
66) n-Nitrosodiphenylamine	15.720	169	219879	40.487	ng	98
67) 4-Bromophenyl-phenylether	16.389	248	94921	41.051	ng	100
68) Hexachlorobenzene	16.513	284	101424	40.756	ng	98
69) Atrazine	16.666	200	68903	35.850	ng	96
70) Pentachlorophenol	16.860	266	56912	43.613	ng	94
71) Phenanthrene	17.247	178	404338	39.971	ng	99
72) Anthracene	17.341	178	411466	40.556	ng	100
73) Carbazole	17.612	167	372062	40.047	ng	100
74) Di-n-butylphthalate	18.164	149	463819	39.575	ng	100
75) Fluoranthene	19.263	202	492743	39.280	ng	100
77) Benzidine	19.451	184	119250	38.395	ng	99
78) Pyrene	19.627	202	509246	42.174	ng	99
80) Butylbenzylphthalate	20.514	149	205997	42.064	ng	99
81) Benzo(a)anthracene	21.431	228	493843	40.938	ng	97
82) 3,3'-Dichlorobenzidine	21.354	252	165659	39.776	ng	100
83) Chrysene	21.495	228	472837	40.665	ng	100
84) Bis(2-ethylhexyl)phthalate	21.331	149	300309	41.811	ng	99
85) Di-n-octyl phthalate	22.482	149	517137	41.860	ng	100
87) Indeno(1,2,3-cd)pyrene	28.029	276	604745	40.336	ng	# 93
88) Benzo(b)fluoranthene	23.546	252	501469	40.785	ng	98
89) Benzo(k)fluoranthene	23.616	252	502566	39.634	ng	99
90) Benzo(a)pyrene	24.380	252	495339	40.915	ng	99
91) Dibenzo(a,h)anthracene	28.076	278	503819	40.896	ng	99
92) Benzo(g,h,i)perylene	29.116	276	500637	40.645	ng	99

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

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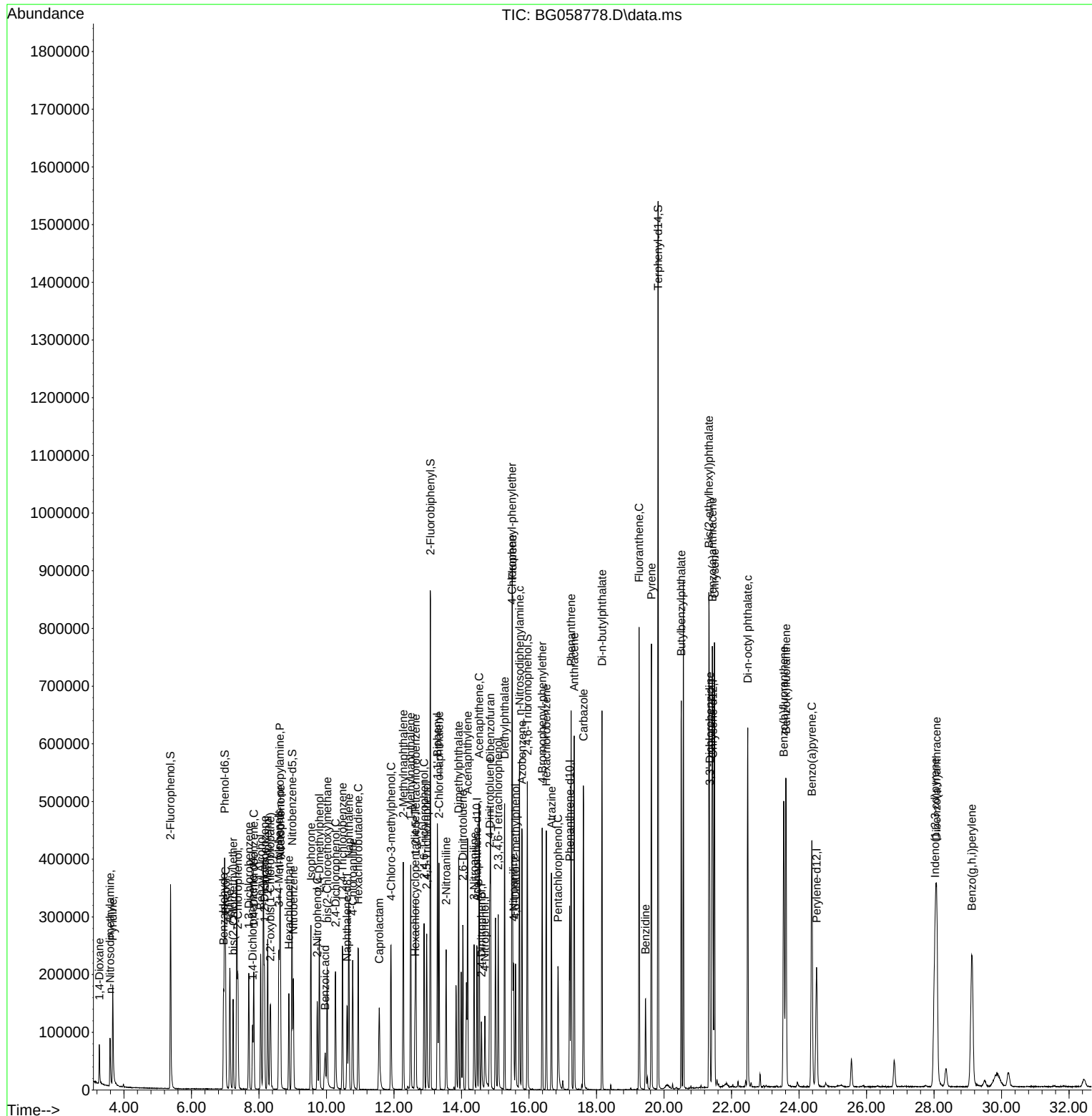
Quant Time: Aug 21 01:45:17 2023

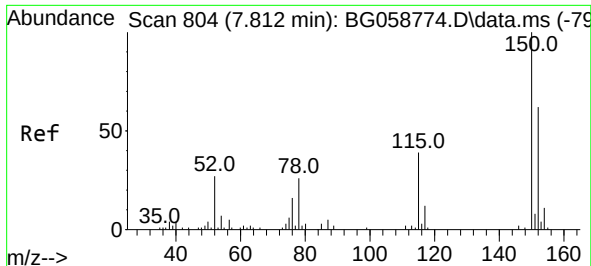
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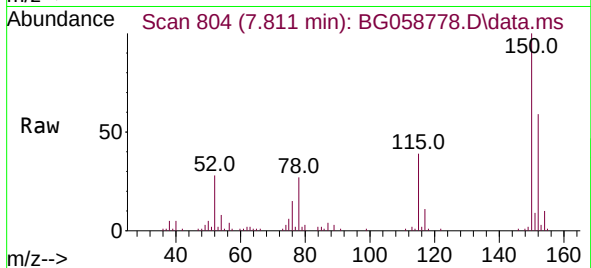
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

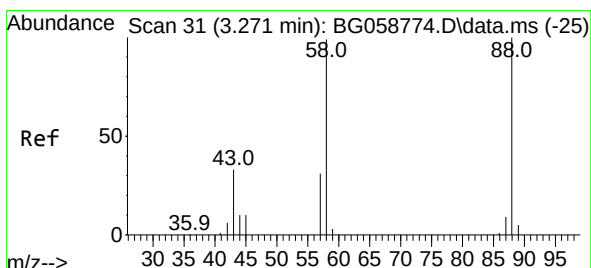
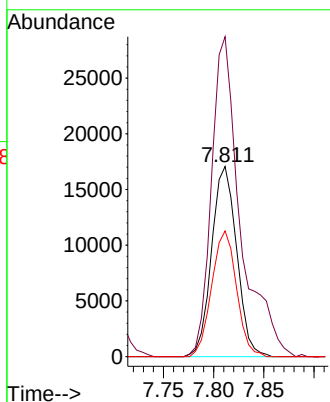
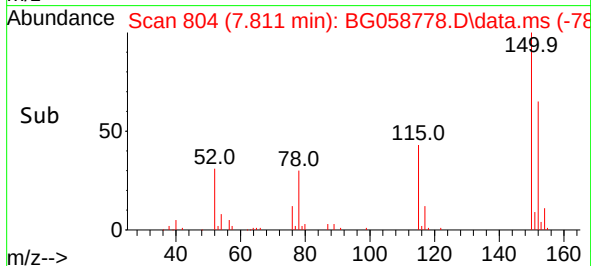


Tgt Ion:152 Resp: 29734
Ion Ratio Lower Upper
152 100
150 168.3 128.6 192.8
115 66.1 50.4 75.6

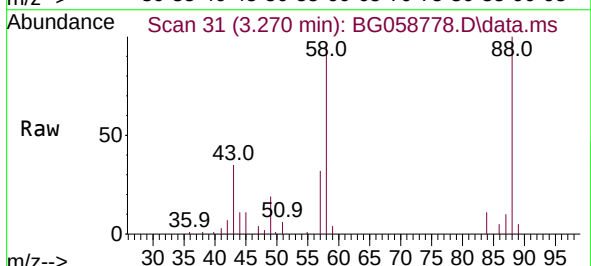
Manual Integrations

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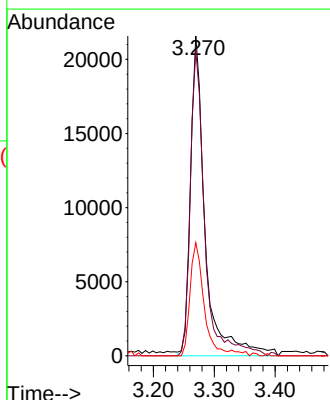
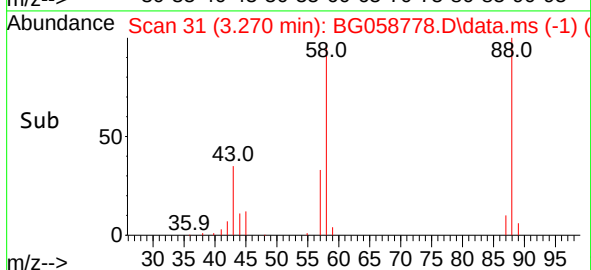
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

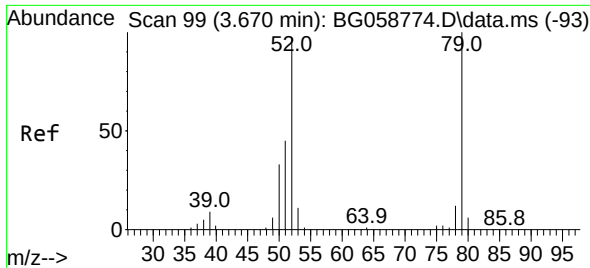


#2
1,4-Dioxane
Concen: 41.791 ng
RT: 3.270 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



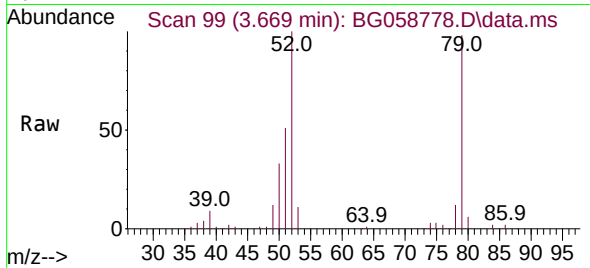
Tgt Ion: 88 Resp: 36303
Ion Ratio Lower Upper
88 100
58 93.0 82.8 124.2
43 32.9 30.1 45.1





#3
 Pyridine
 Concen: 42.206 ng
 RT: 3.669 min Scan# 99
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08

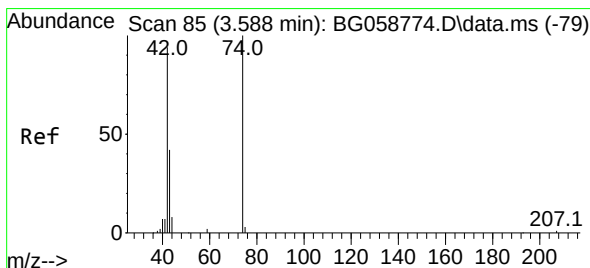
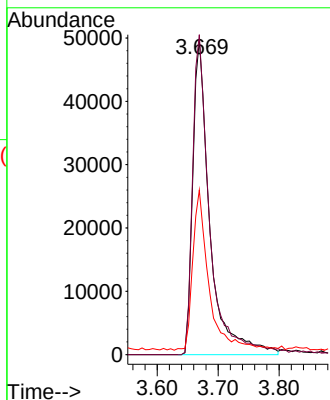
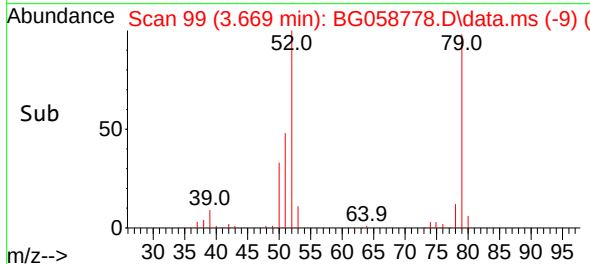
Instrument :
 BNA_G
 ClientSampleId :
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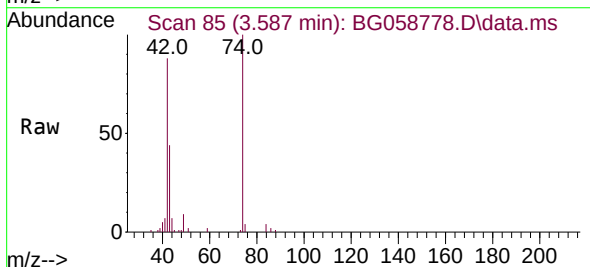
Tgt Ion: 79 Resp: 96886
 Ion Ratio Lower Upper
 79 100
 52 101.8 77.6 116.4
 51 52.3 37.5 56.3

Manual Integrations
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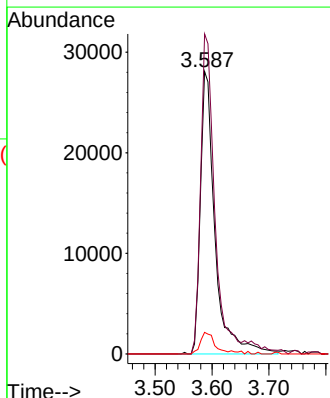
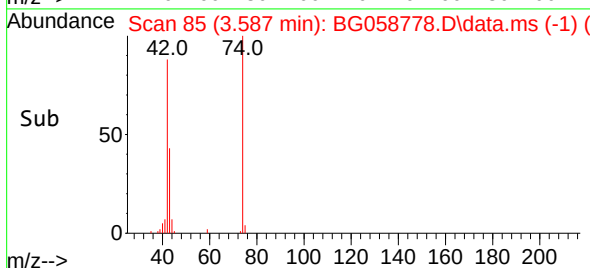
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

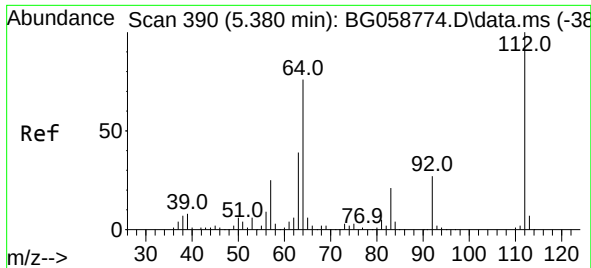


#4
 n-Nitrosodimethylamine
 Concen: 40.078 ng
 RT: 3.587 min Scan# 85
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08



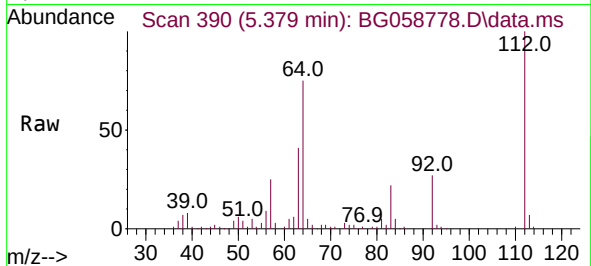
Tgt Ion: 42 Resp: 50017
 Ion Ratio Lower Upper
 42 100
 74 113.4 85.1 127.7
 44 7.6 6.9 10.3





#5
2-Fluorophenol
Concen: 83.549 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

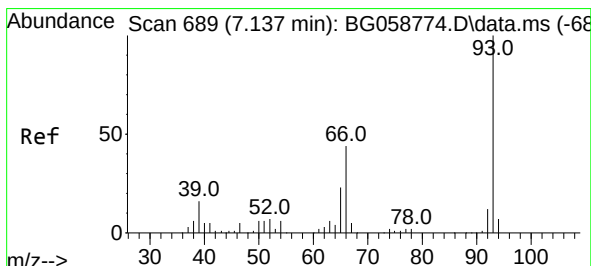
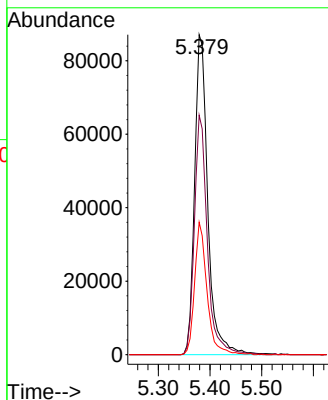
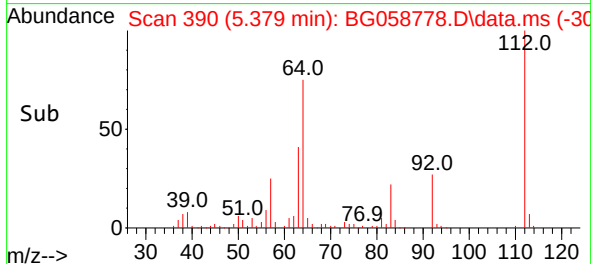
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ClientSampleId :
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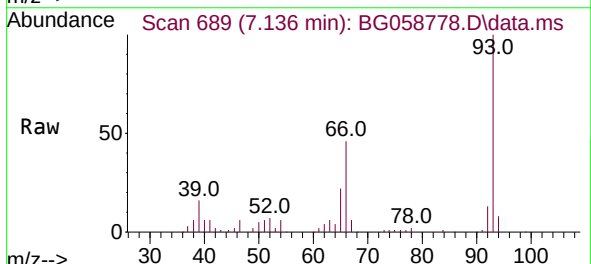
Tgt Ion: 112 Resp: 154373
Ion Ratio Lower Upper
112 100
64 74.8 60.6 90.8
63 41.4 31.0 46.4

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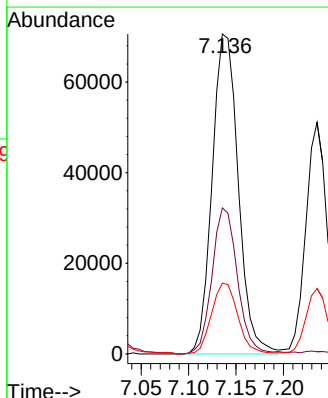
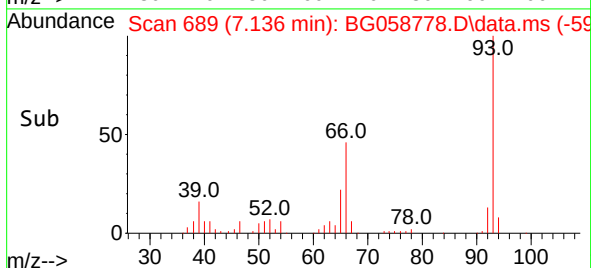
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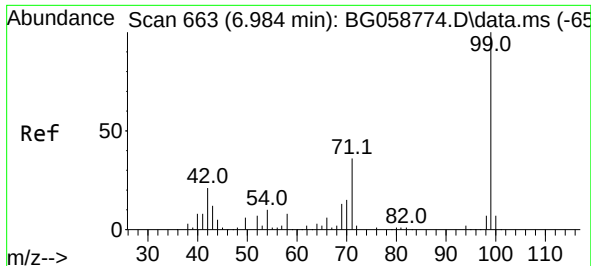


#6
Aniline
Concen: 42.681 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



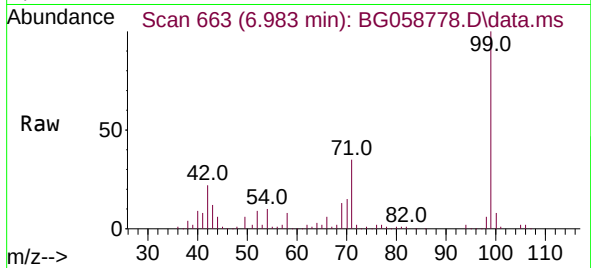
Tgt Ion: 93 Resp: 135254
Ion Ratio Lower Upper
93 100
66 45.6 35.7 53.5
65 22.1 18.2 27.2





#7
Phenol-d6
Concen: 84.607 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

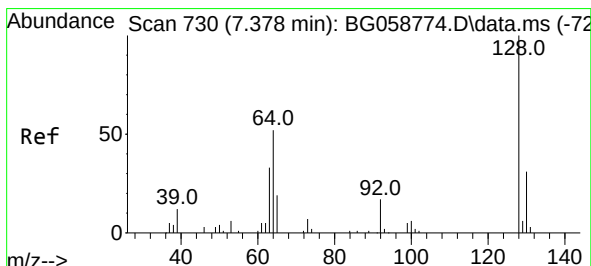
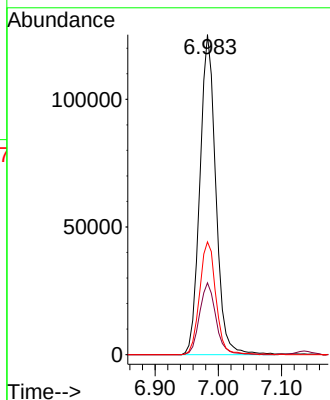
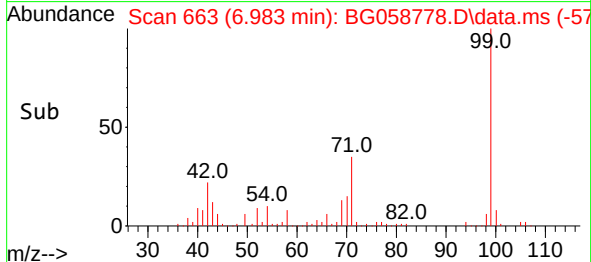
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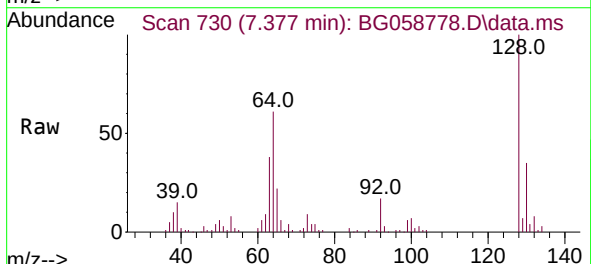
Tgt Ion: 99 Resp: 219330
Ion Ratio Lower Upper
99 100
42 22.4 16.5 24.7
71 35.2 28.4 42.6

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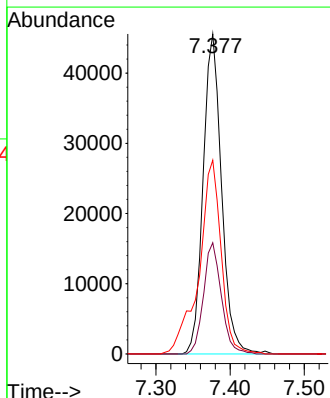
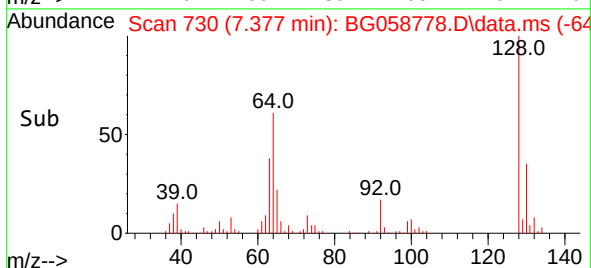
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

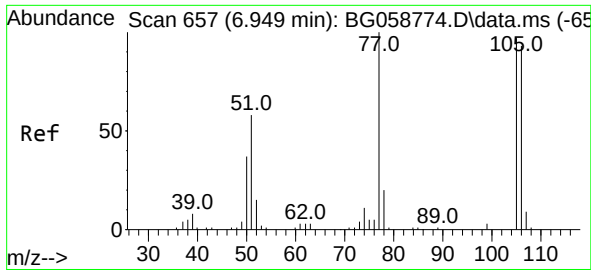


#8
2-Chlorophenol
Concen: 42.070 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:128 Resp: 78596
Ion Ratio Lower Upper
128 100
130 34.7 10.9 50.9
64 60.5 38.4 78.4





#9

Benzaldehyde

Concen: 41.401 ng

RT: 6.953 min Scan# 657

Delta R.T. 0.005 min

Lab File: BG058778.D

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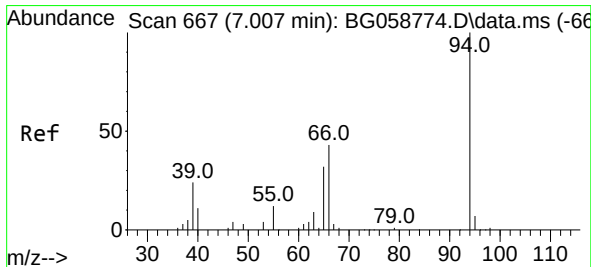
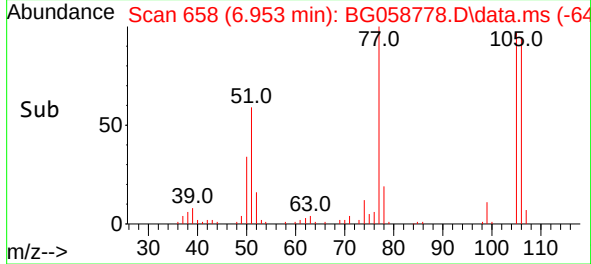
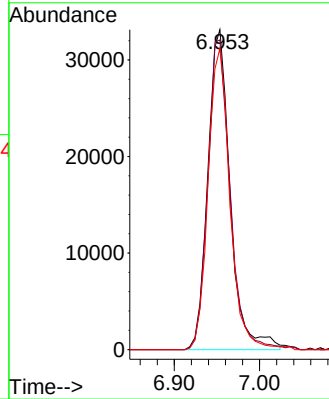
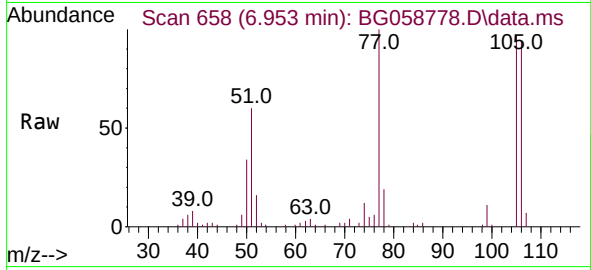
Tgt Ion:	77	Resp:	60202
Ion	Ratio	Lower	Upper
77	100		
105	96.8	76.7	116.7
106	94.1	73.4	113.4

Manual Integrations

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Supervised By :mohammad ahmed 08/22/2023



#10

Phenol

Concen: 42.973 ng

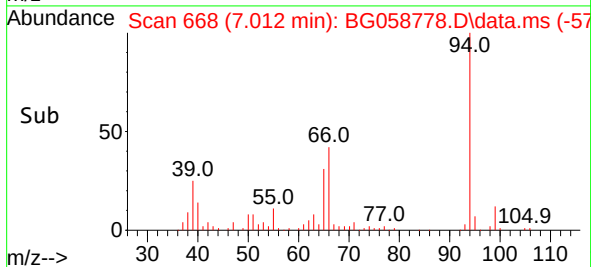
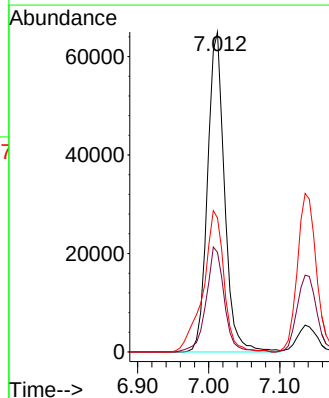
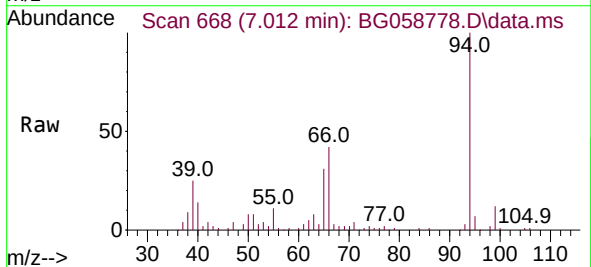
RT: 7.012 min Scan# 668

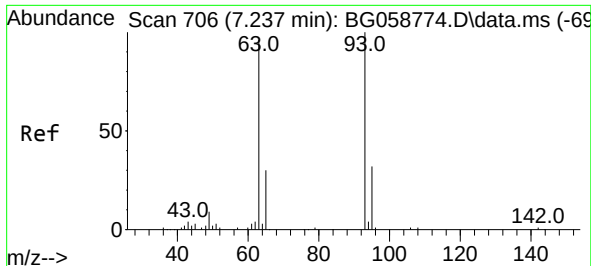
Delta R.T. 0.005 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Tgt Ion:	94	Resp:	107420
Ion	Ratio	Lower	Upper
94	100		
65	31.1	12.6	52.6
66	41.9	26.6	66.6





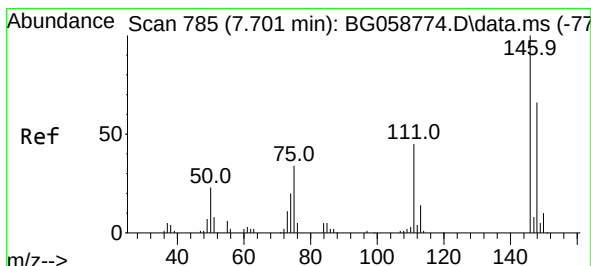
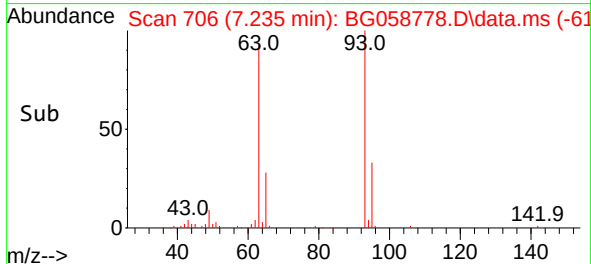
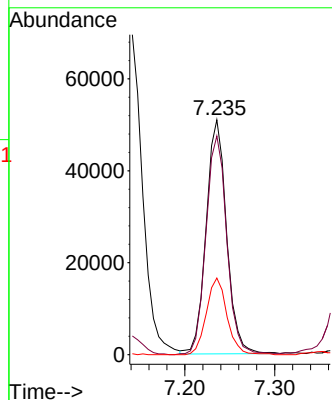
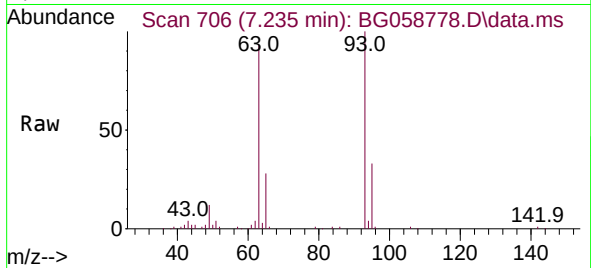
#11
bis(2-Chloroethyl)ether
Concen: 41.507 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :
BNA_G
ClientSampleId :
ICVBG081823

Tgt Ion: 93 Resp: 80960
Ion Ratio Lower Upper
93 100
63 93.1 74.8 114.8
95 32.6 12.1 52.1

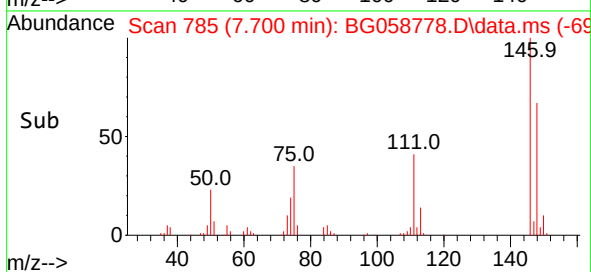
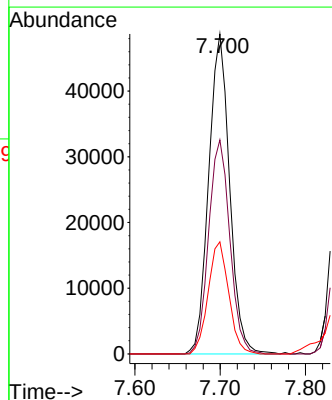
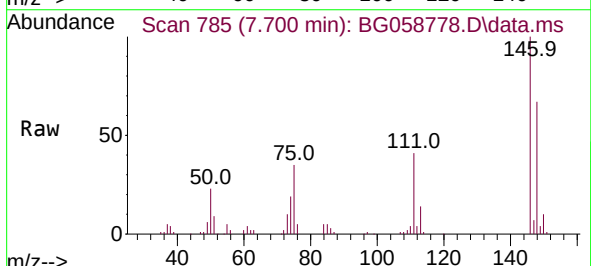
Manual Integrations
APPROVED

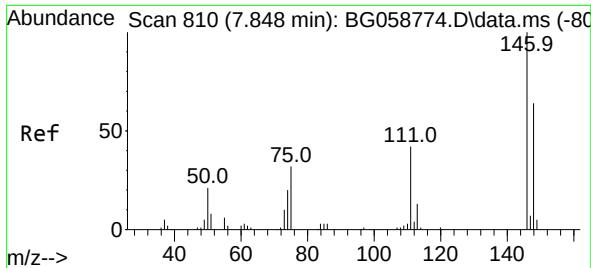
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
1,3-Dichlorobenzene
Concen: 41.697 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:146 Resp: 82743
Ion Ratio Lower Upper
146 100
148 66.9 52.4 78.6
75 35.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.894 ng

RT: 7.847 min Scan# 810

Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

Tgt Ion:146 Resp: 84062

Ion Ratio Lower Upper

146 100

148 66.2 51.3 76.9

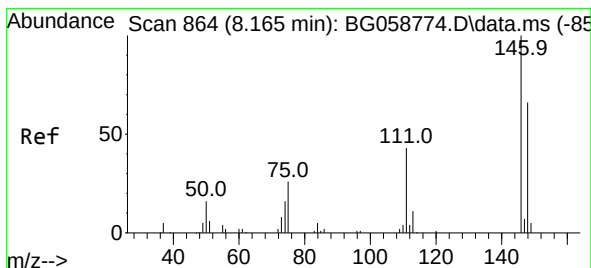
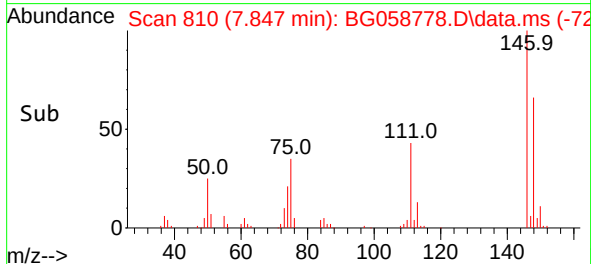
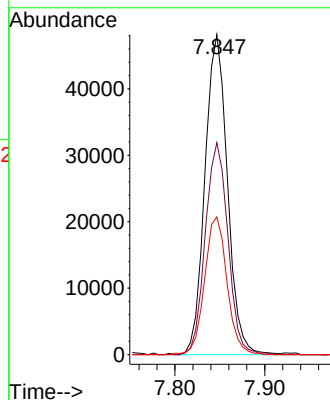
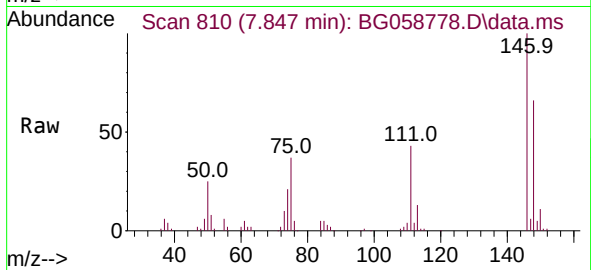
111 43.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#14

1,2-Dichlorobenzene

Concen: 41.255 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

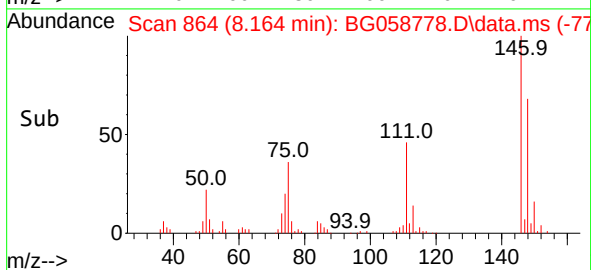
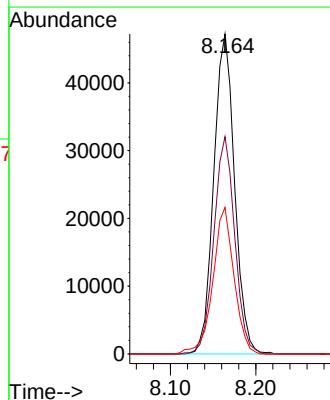
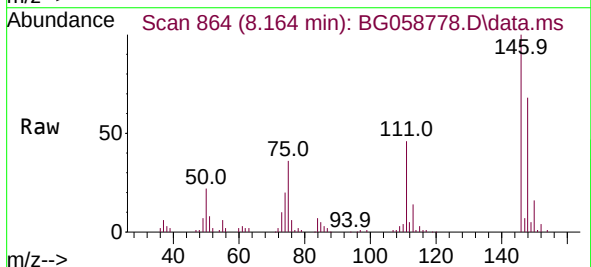
Tgt Ion:146 Resp: 80014

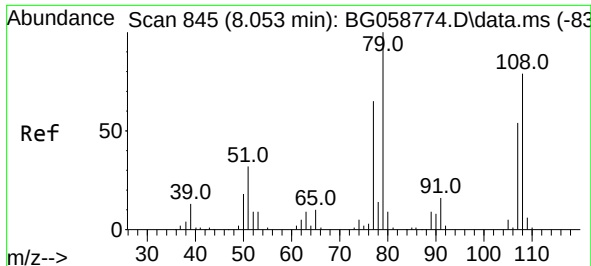
Ion Ratio Lower Upper

146 100

148 67.9 52.9 79.3

111 45.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 44.803 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

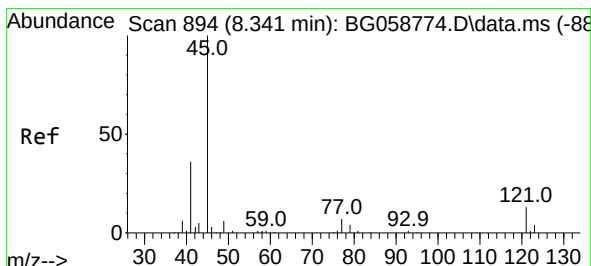
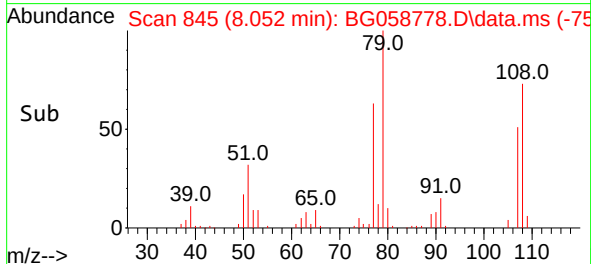
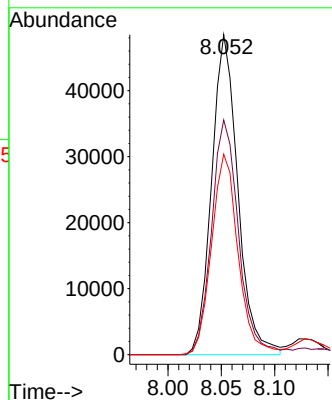
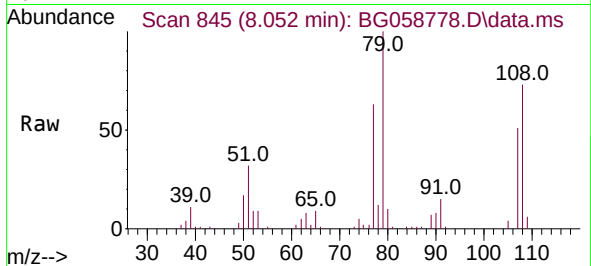
ClientSampleId :

ICVBG081823

Tgt Ion: 79 Resp: 8304
Ion Ratio Lower Upper
79 100
108 73.3 63.4 95.0
77 62.6 52.2 78.2

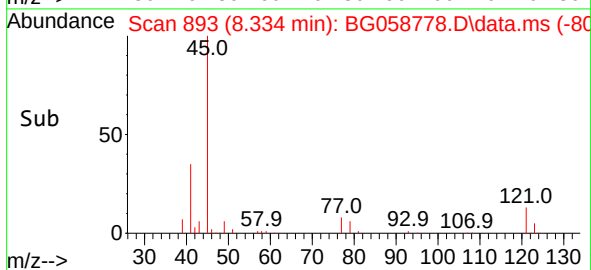
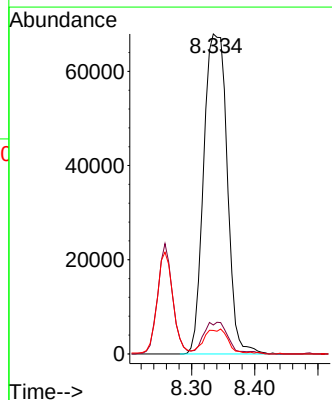
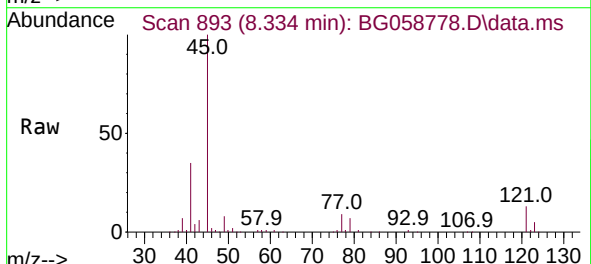
Manual Integrations
APPROVED

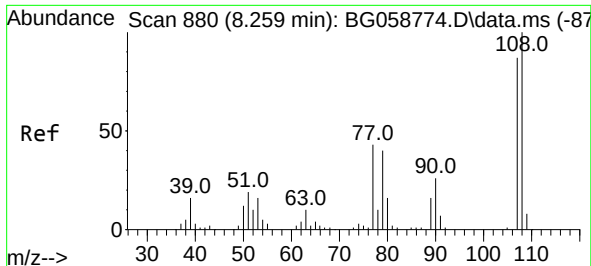
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.074 ng
RT: 8.334 min Scan# 893
Delta R.T. -0.007 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion: 45 Resp: 174893
Ion Ratio Lower Upper
45 100
77 9.0 0.0 30.3
79 7.3 0.0 27.7





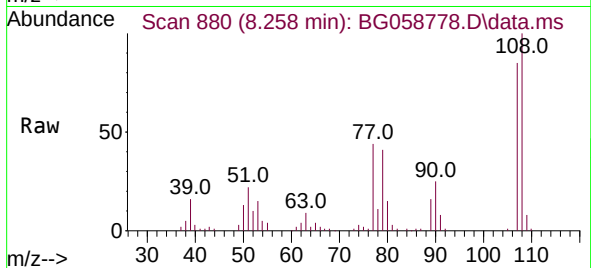
#17
2-Methylphenol
Concen: 42.388 ng
RT: 8.258 min Scan# 880
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

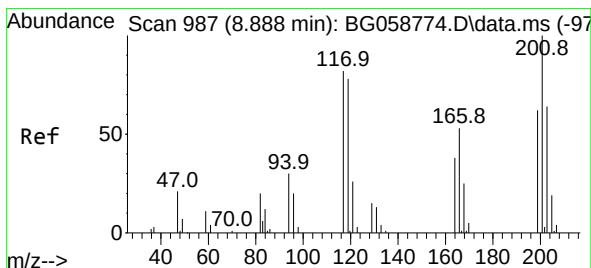
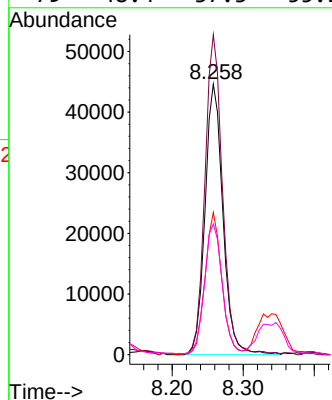


Tgt Ion:107 Resp: 77823
Ion Ratio Lower Upper
107 100
108 118.3 92.2 138.2
77 52.5 40.0 60.0
79 48.4 37.3 55.9

Manual Integrations

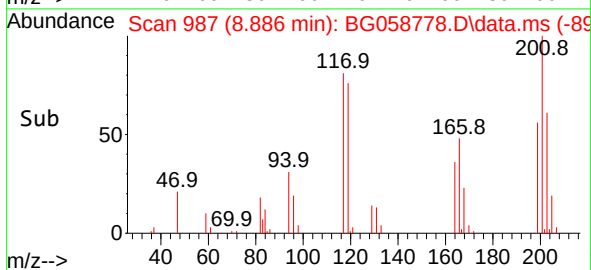
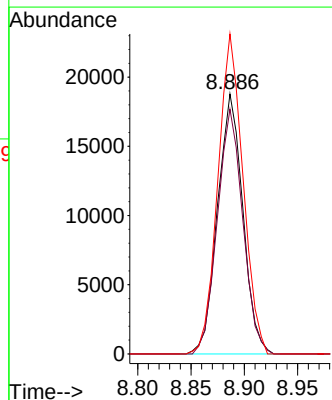
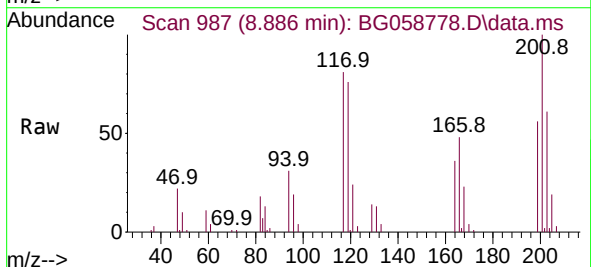
APPROVED

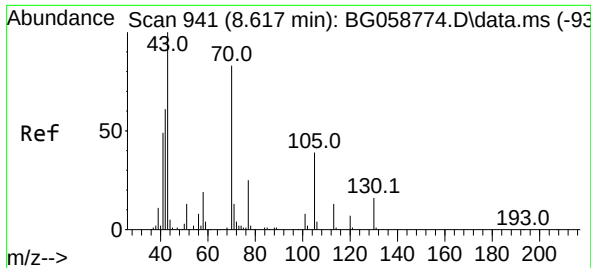
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#18
Hexachloroethane
Concen: 42.416 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:117 Resp: 31012
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
201 123.1 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 42.612 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

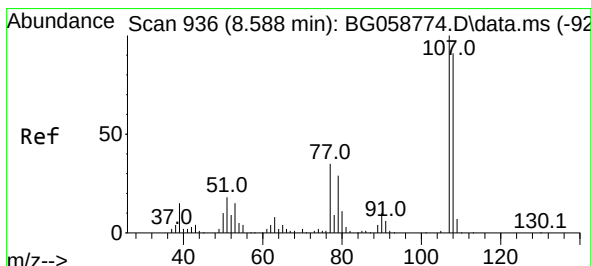
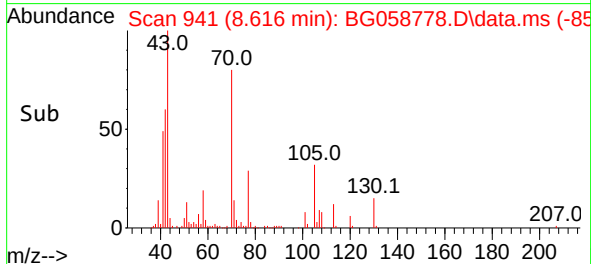
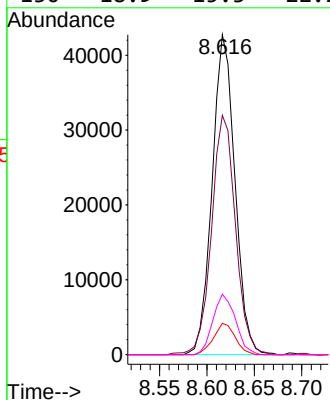
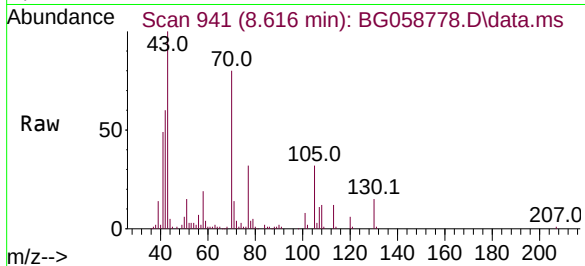
ClientSampleId :

ICVBG081823

Tgt Ion: 70 Resp: 71405
Ion Ratio Lower Upper
70 100
42 74.8 59.2 88.8
101 9.8 8.2 12.2
130 18.9 15.3 22.9

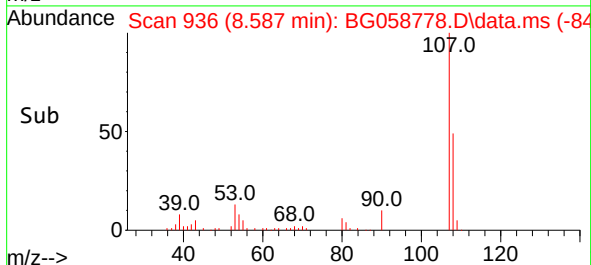
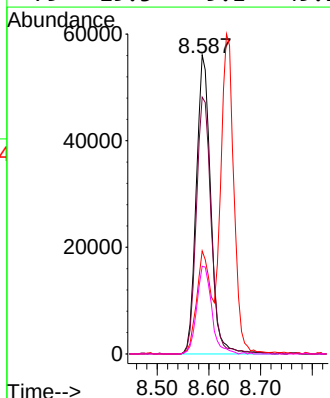
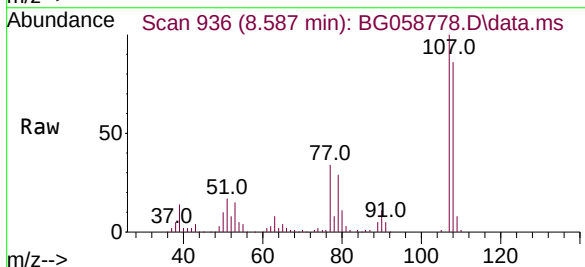
Manual Integrations
APPROVED

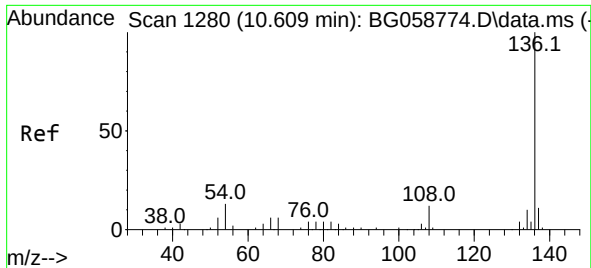
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
3+4-Methylphenols
Concen: 43.950 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:107 Resp: 108484
Ion Ratio Lower Upper
107 100
108 85.9 70.6 110.6
77 34.5 14.8 54.8
79 29.3 9.1 49.1





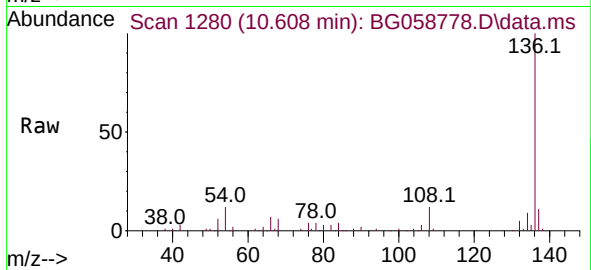
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

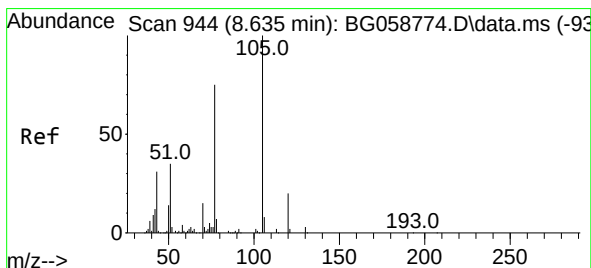
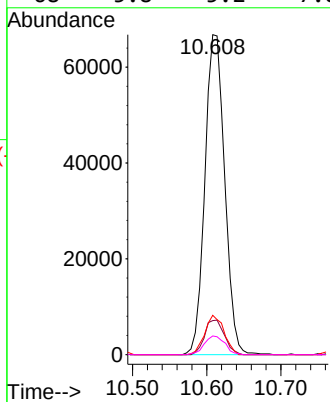
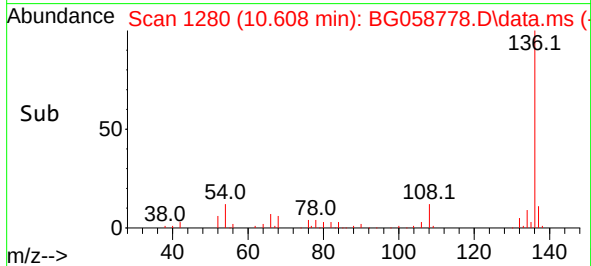


Tgt Ion:136 Resp: 123704
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 12.3 10.1 15.1
68 5.8 5.2 7.8

Manual Integrations

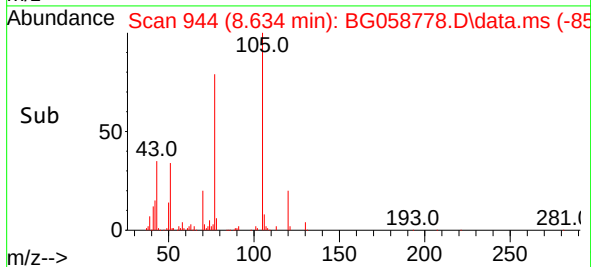
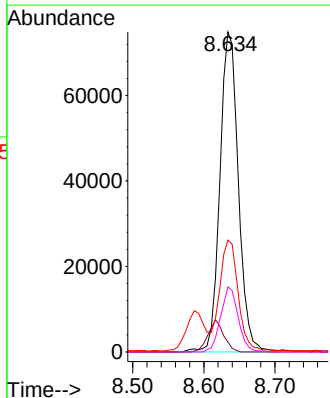
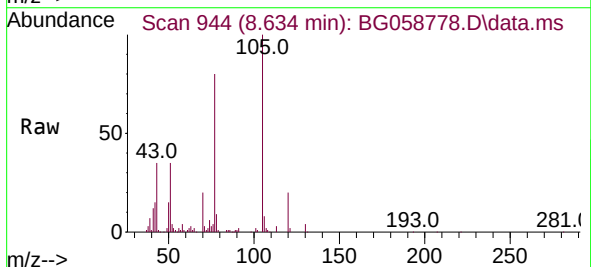
APPROVED

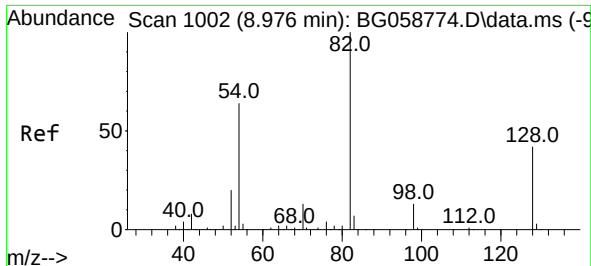
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Acetophenone
Concen: 40.482 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:105 Resp: 135560
Ion Ratio Lower Upper
105 100
71 3.1 2.2 3.2
51 34.9 28.5 42.7
120 20.3 15.6 23.4





#23

Nitrobenzene-d5

Concen: 81.318 ng

RT: 8.980 min Scan# 10

Delta R.T. 0.005 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

Tgt Ion: 82 Resp: 20923

Ion Ratio Lower Upper

82 100

128 39.5 33.2 49.8

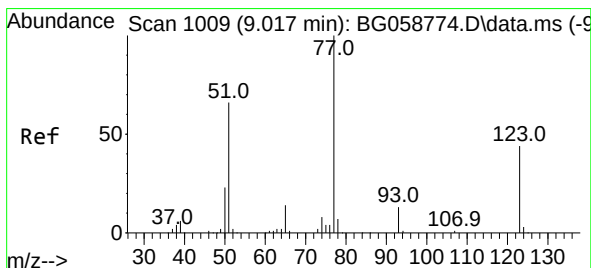
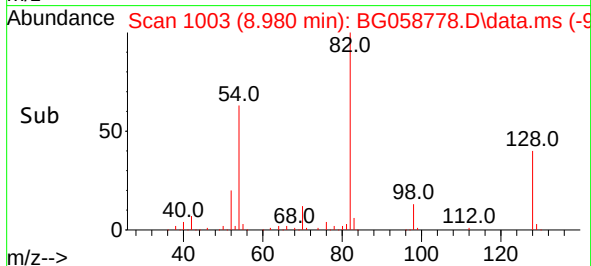
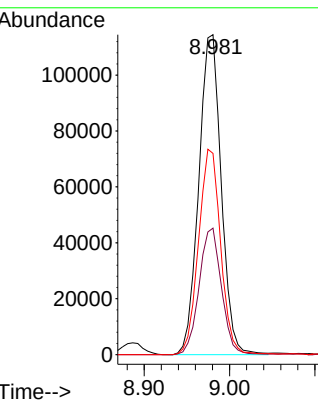
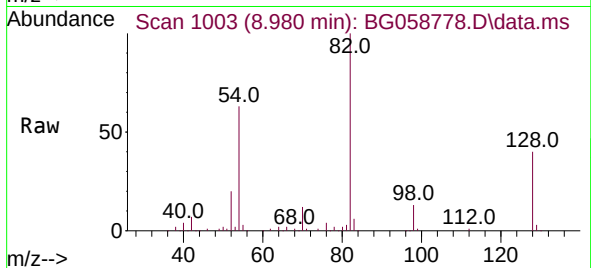
54 62.9 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#24

Nitrobenzene

Concen: 41.848 ng

RT: 9.022 min Scan# 1010

Delta R.T. 0.005 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

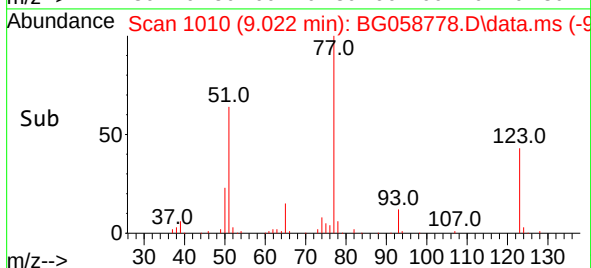
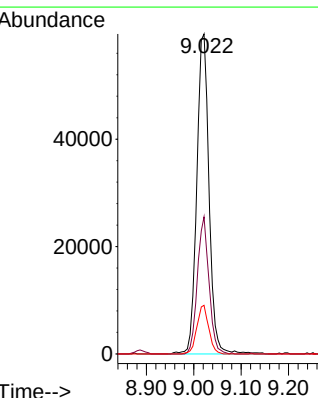
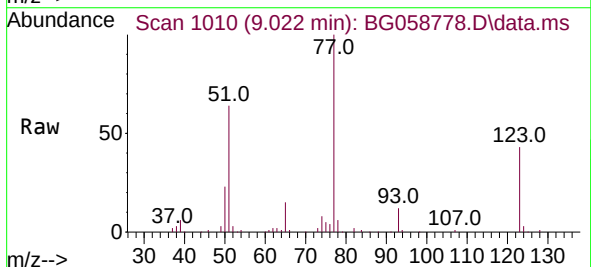
Tgt Ion: 77 Resp: 107093

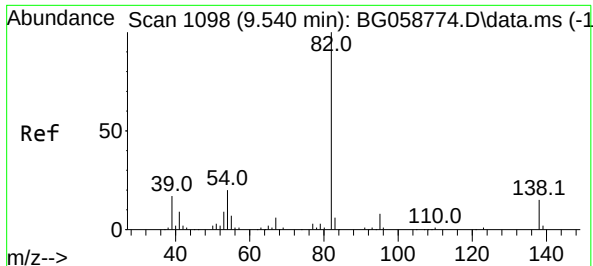
Ion Ratio Lower Upper

77 100

123 42.8 34.9 52.3

65 15.2 10.9 16.3





#25
Isophorone
Concen: 40.574 ng
RT: 9.539 min Scan# 1098
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

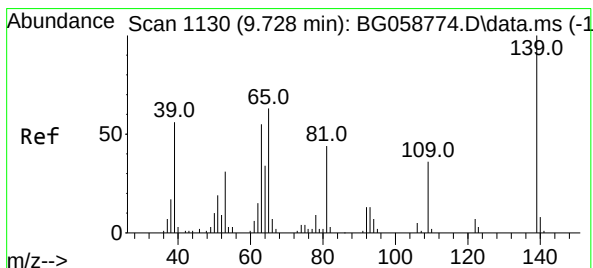
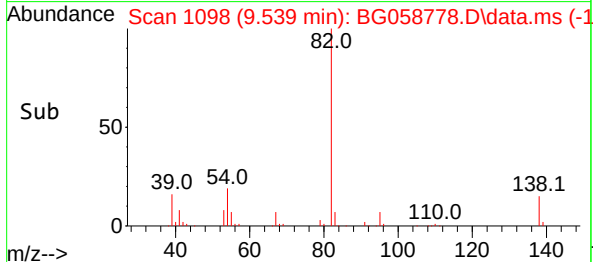
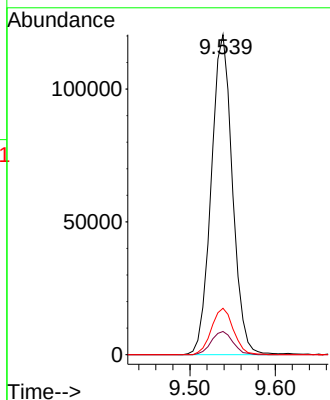
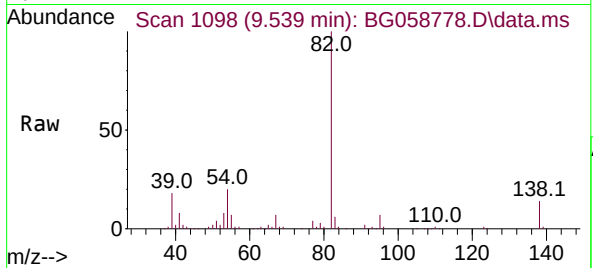
ClientSampleId :

ICVBG081823

Tgt Ion: 82 Resp: 207609
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 14.5 12.2 18.4

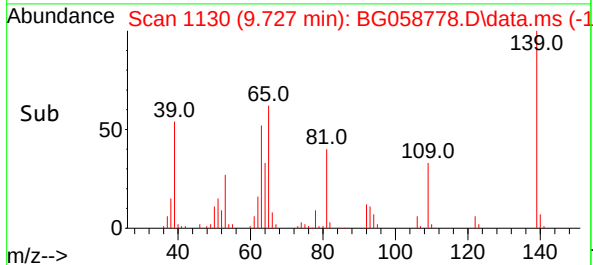
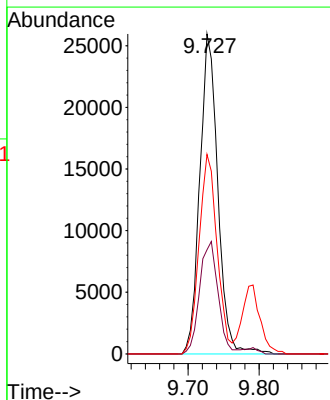
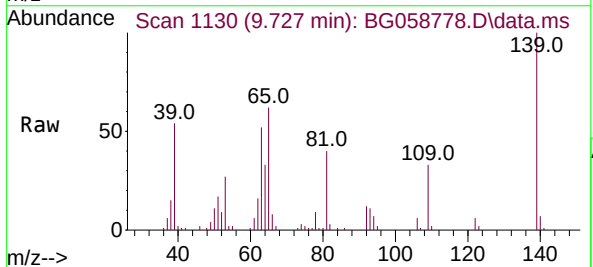
Manual Integrations
APPROVED

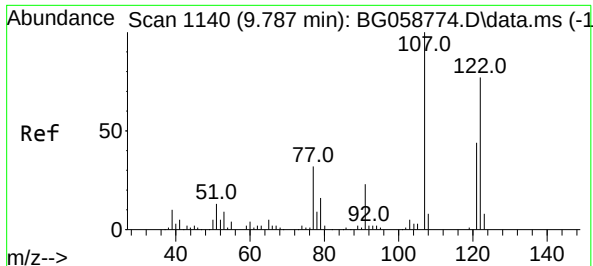
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#26
2-Nitrophenol
Concen: 42.607 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:139 Resp: 45602
Ion Ratio Lower Upper
139 100
109 32.5 28.7 43.1
65 62.3 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 40.545 ng
RT: 9.791 min Scan# 1140
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

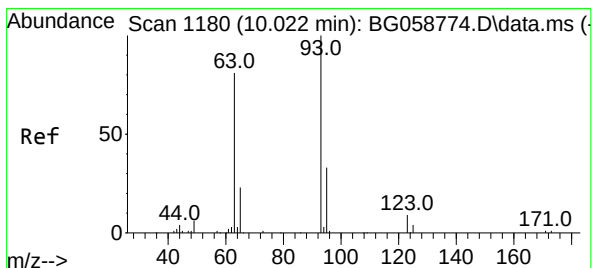
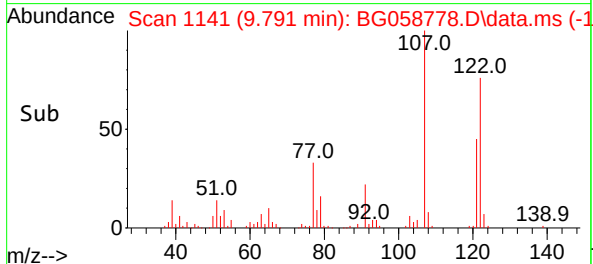
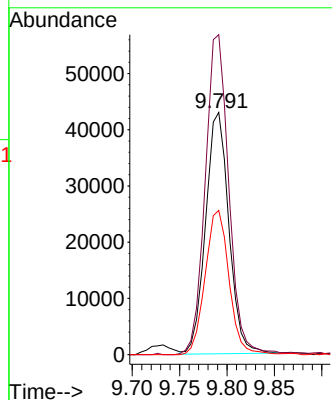
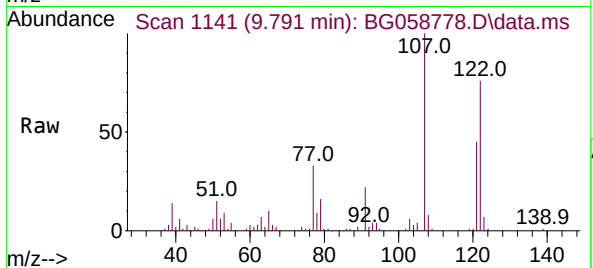
ICVBG081823

Tgt Ion:122 Resp: 73544
Ion Ratio Lower Upper
122 100
107 132.2 102.6 154.0
121 59.6 45.0 67.4

Manual Integrations

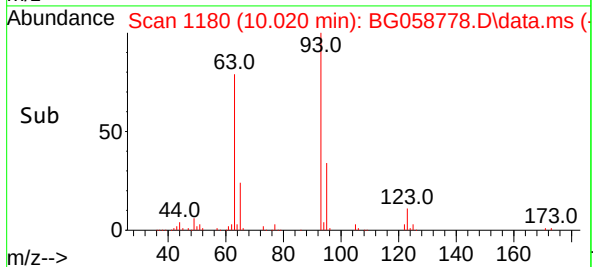
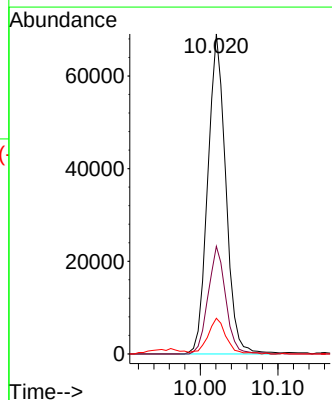
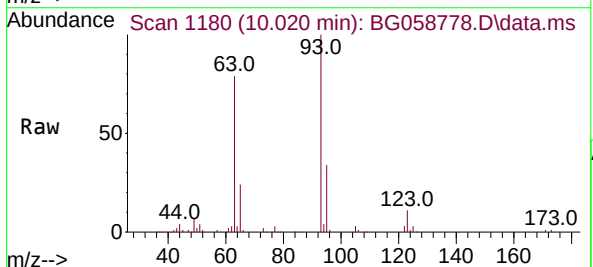
APPROVED

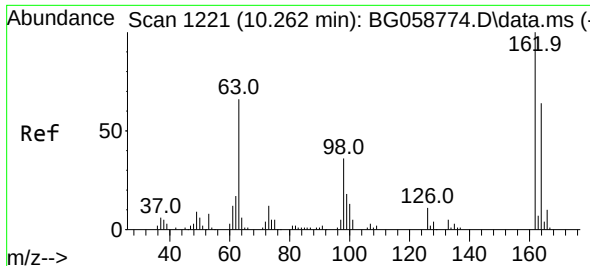
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.992 ng
RT: 10.020 min Scan# 1180
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion: 93 Resp: 111104
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.4
123 11.1 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.602 ng

RT: 10.267 min Scan# 1222

Delta R.T. 0.005 min

Lab File: BG058778.D

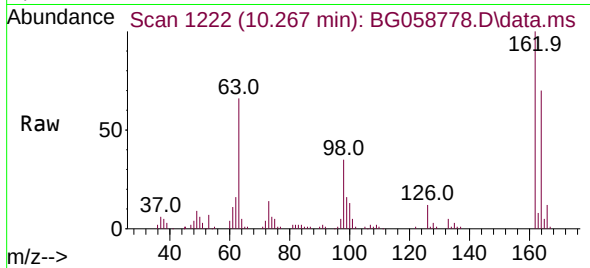
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823



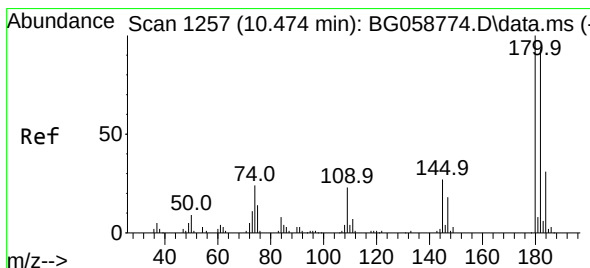
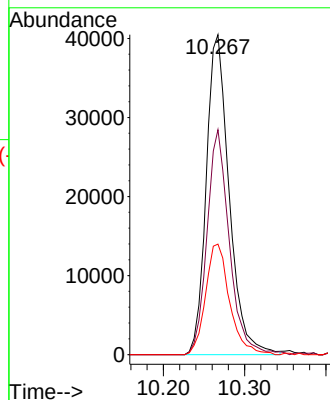
Tgt Ion:	162	Resp:	7940
Ion Ratio	Lower	Upper	
162	100		
164	70.3	44.4	84.4
98	34.5	16.1	56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.077 ng

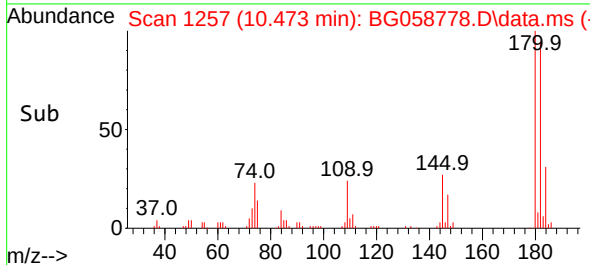
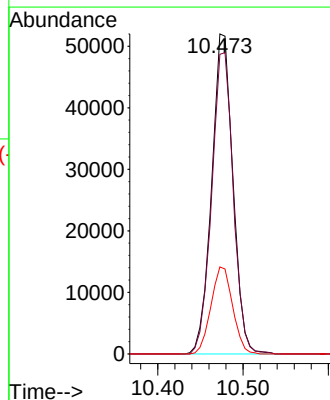
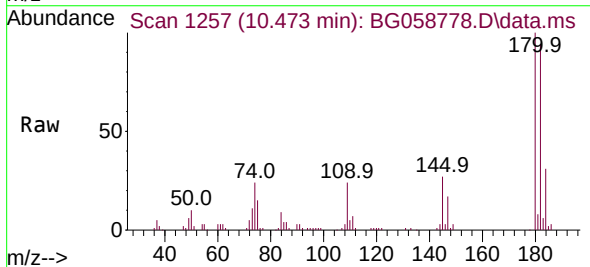
RT: 10.473 min Scan# 1257

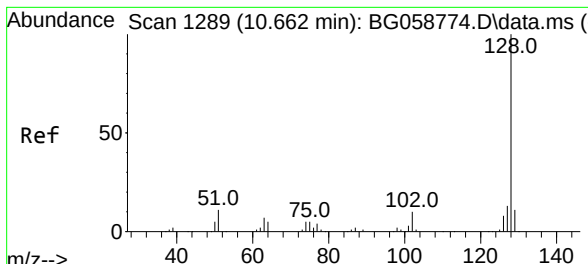
Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Tgt Ion:	180	Resp:	90207
Ion Ratio	Lower	Upper	
180	100		
182	93.6	74.6	112.0
145	27.2	21.4	32.0





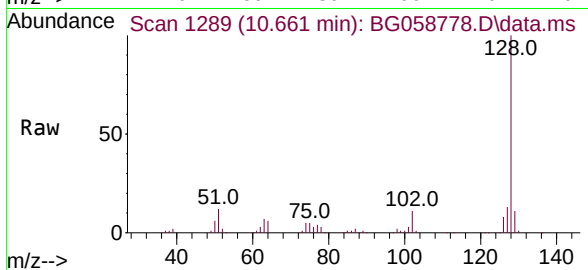
#31
Naphthalene
Concen: 40.201 ng
RT: 10.661 min Scan# 1169
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

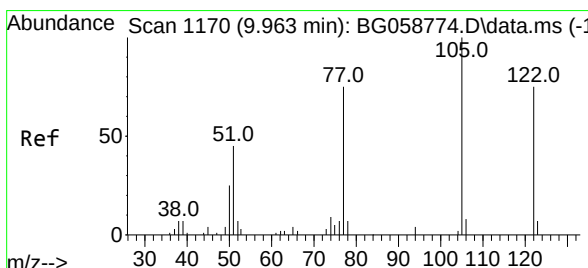
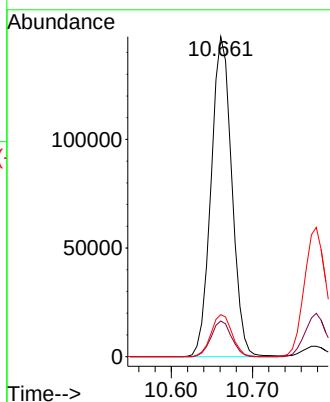
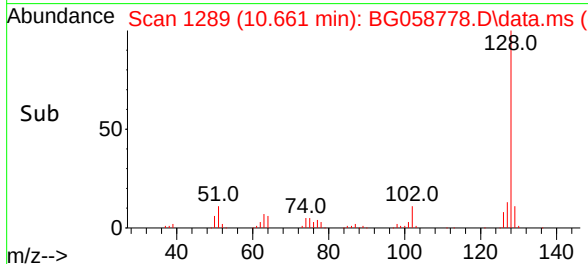


Tgt Ion:128 Resp: 261116
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 15.8

Manual Integrations

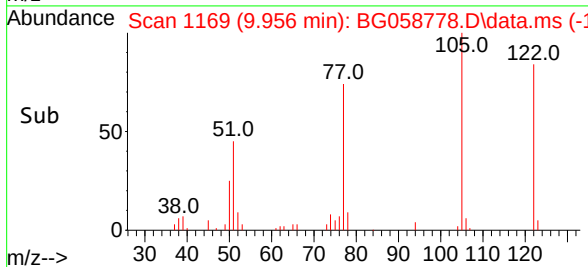
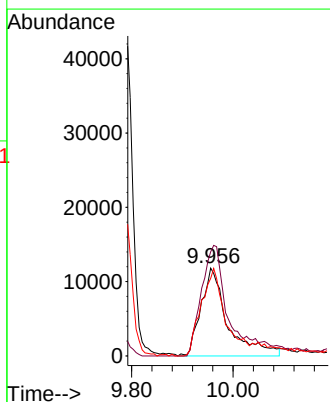
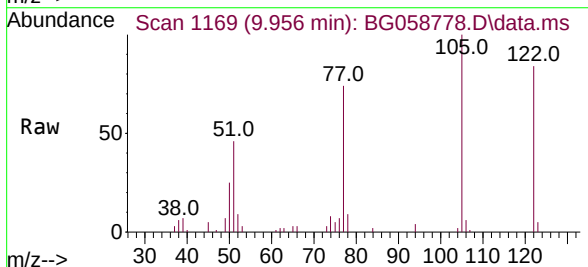
APPROVED

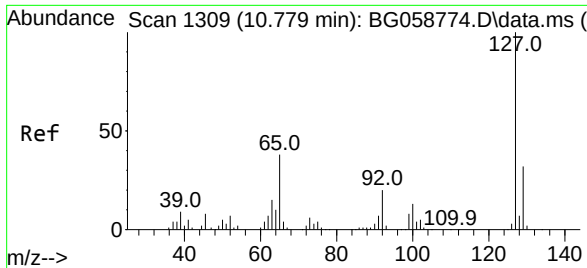
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#32
Benzoic acid
Concen: 40.157 ng m
RT: 9.956 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:122 Resp: 43458
Ion Ratio Lower Upper
122 100
105 118.6 113.6 153.6
77 88.3 79.7 119.7





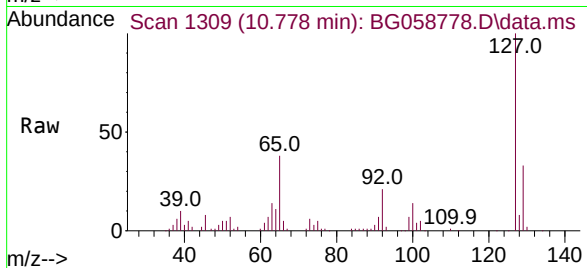
#33
4-Chloroaniline
Concen: 42.637 ng
RT: 10.778 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823



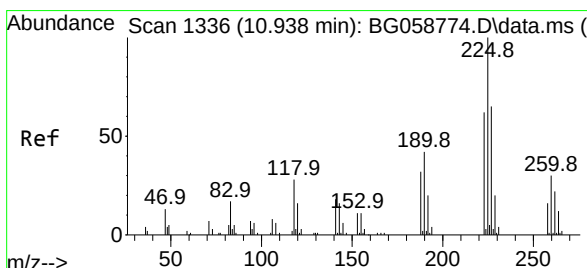
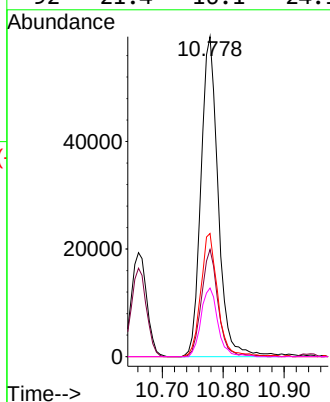
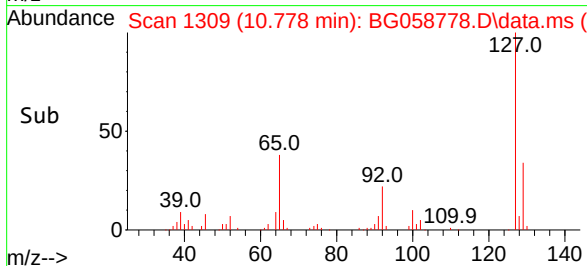
Tgt Ion:127 Resp: 116795
Ion Ratio Lower Upper
127 100
129 33.5 25.2 37.8
65 38.5 30.5 45.7
92 21.4 16.1 24.1

Manual Integrations

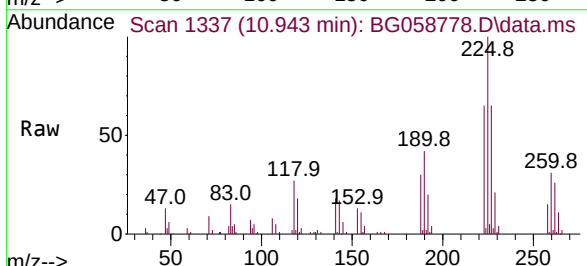
APPROVED

Reviewed By :Yogesh Patel 08/22/2023

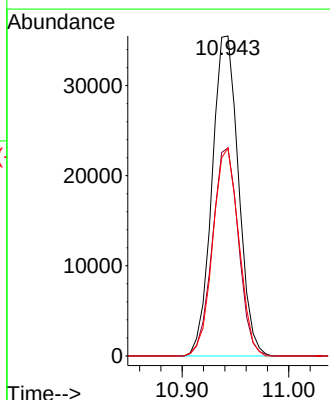
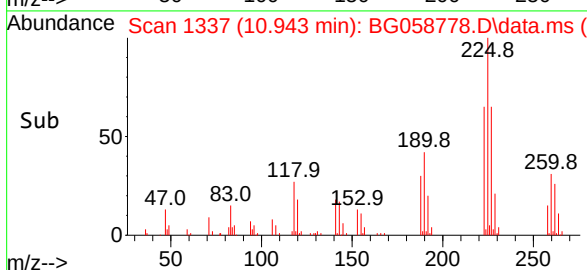
Supervised By :mohammad ahmed 08/22/2023

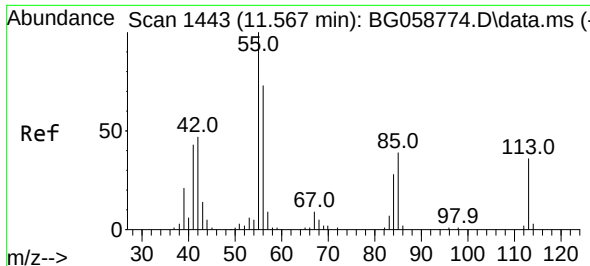


#34
Hexachlorobutadiene
Concen: 40.401 ng
RT: 10.943 min Scan# 1337
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:225 Resp: 61373
Ion Ratio Lower Upper
225 100
223 65.0 49.9 74.9
227 65.0 51.6 77.4





#35
Caprolactam
Concen: 42.444 ng
RT: 11.566 min Scan# 1443
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

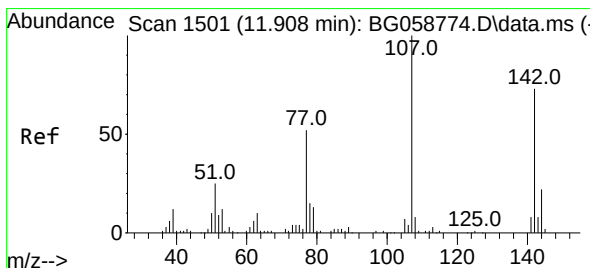
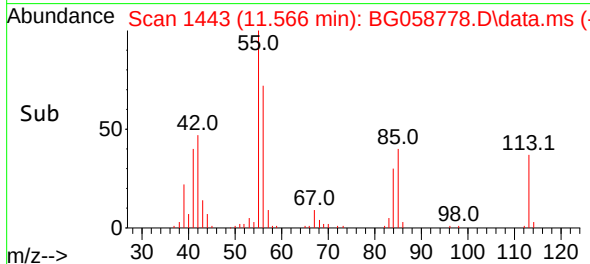
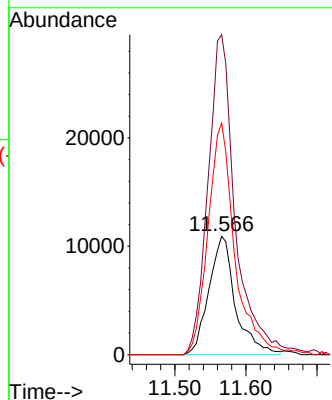
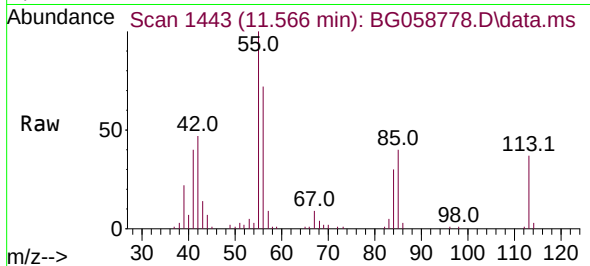
ICVBG081823

Tgt Ion:113 Resp: 28349
Ion Ratio Lower Upper
113 100
55 270.5 256.3 296.3
56 195.8 180.4 220.4

Manual Integrations

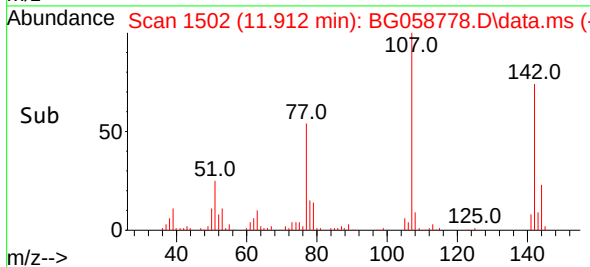
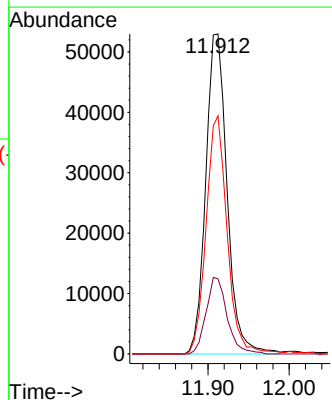
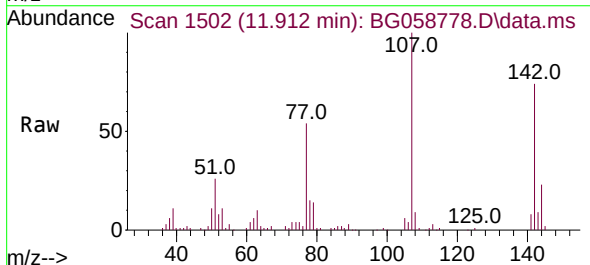
APPROVED

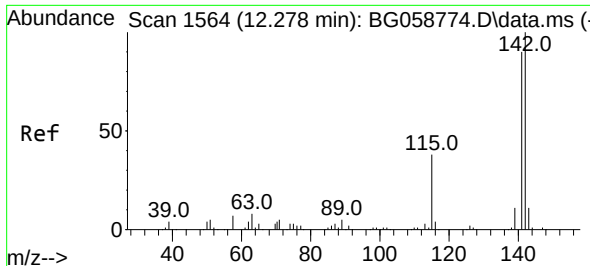
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#36
4-Chloro-3-methylphenol
Concen: 41.796 ng
RT: 11.912 min Scan# 1502
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:107 Resp: 96881
Ion Ratio Lower Upper
107 100
144 23.5 17.9 26.9
142 74.4 58.5 87.7





#37
2-Methylnaphthalene
Concen: 40.392 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

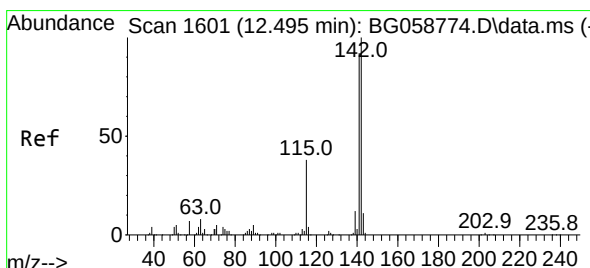
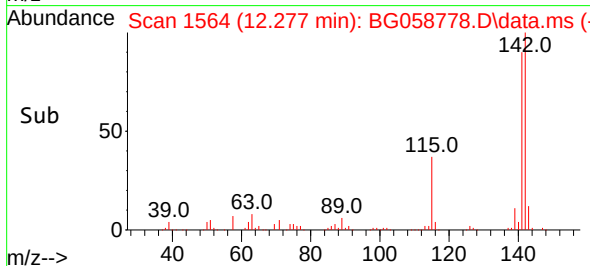
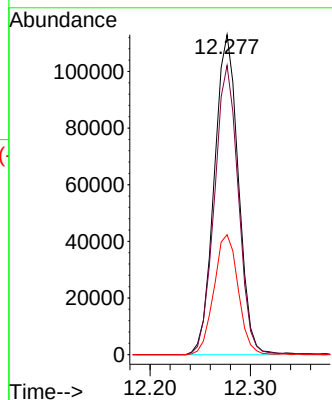
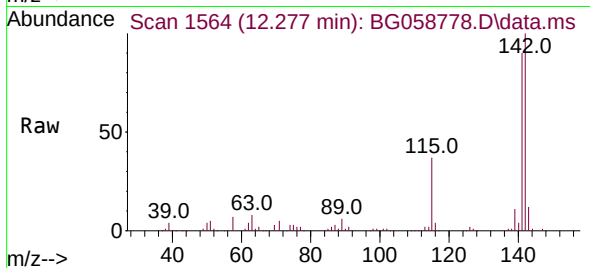
ICVBG081823

Tgt Ion:142 Resp: 188429
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8
115 37.5 30.6 45.8

Manual Integrations

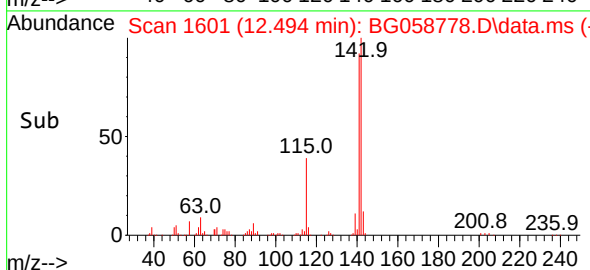
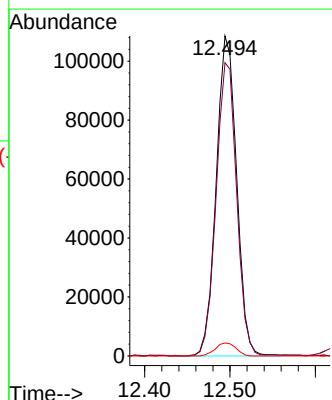
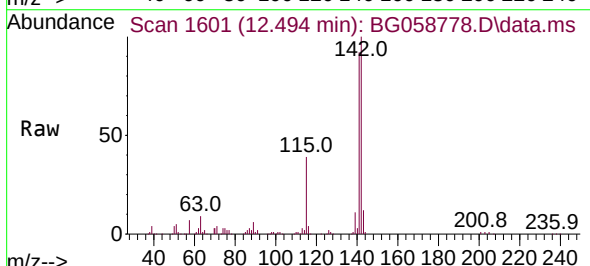
APPROVED

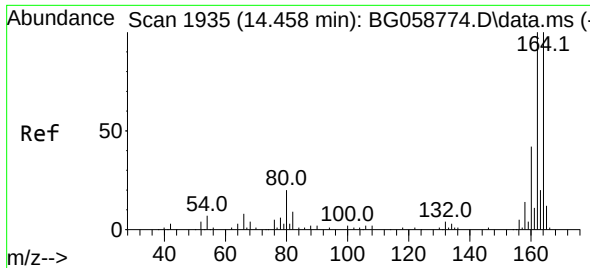
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#38
1-Methylnaphthalene
Concen: 40.613 ng
RT: 12.494 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:142 Resp: 179845
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9
116 4.0 3.2 4.8





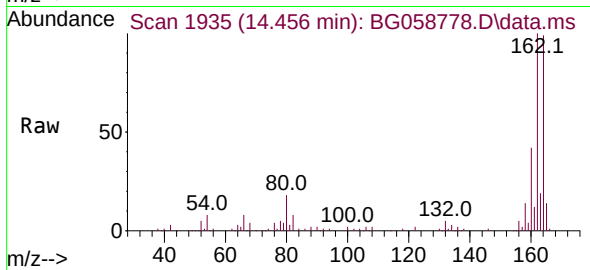
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

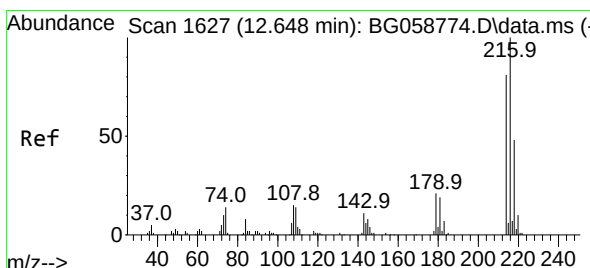
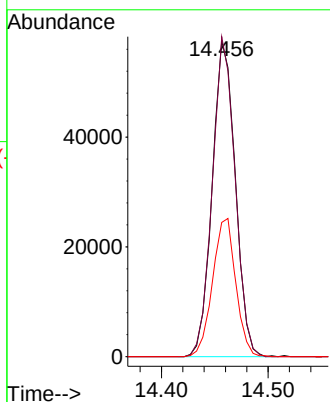
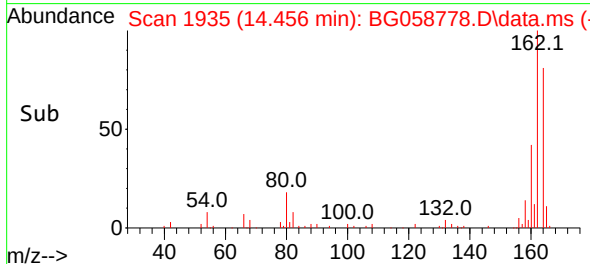


Tgt Ion:164 Resp: 86715
Ion Ratio Lower Upper
164 100
162 101.3 79.6 119.4
160 42.5 34.0 51.0

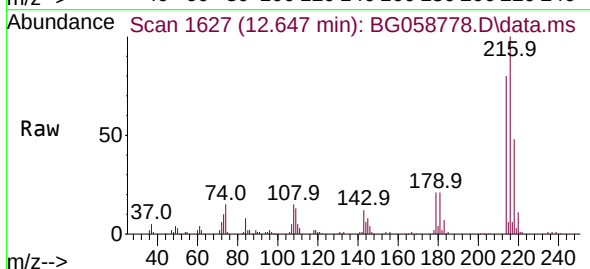
Manual Integrations

APPROVED

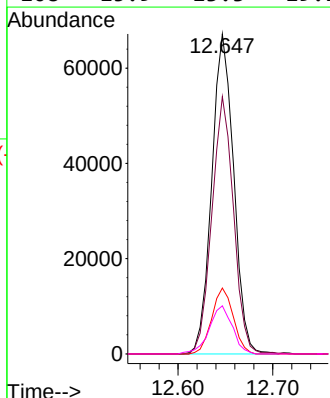
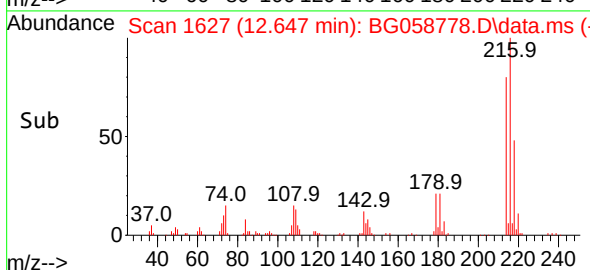
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

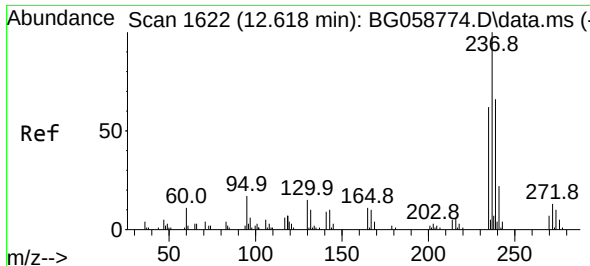


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.403 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



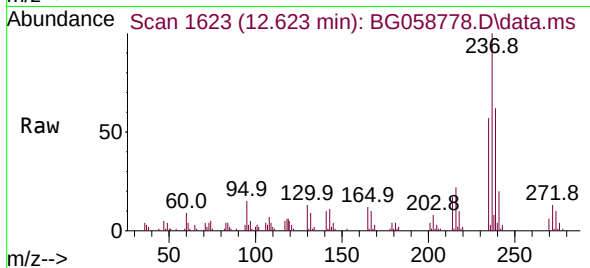
Tgt Ion:216 Resp: 108011
Ion Ratio Lower Upper
216 100
214 79.2 64.0 96.0
179 20.2 16.2 24.4
108 15.9 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 40.494 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

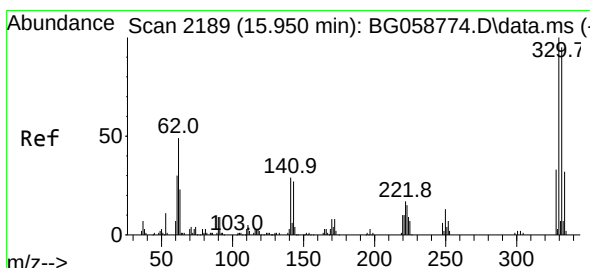
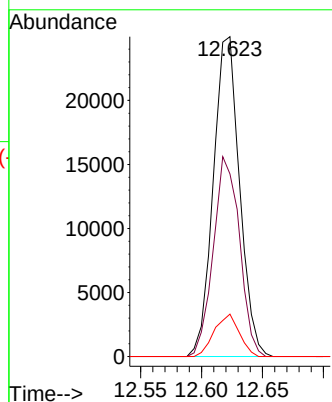
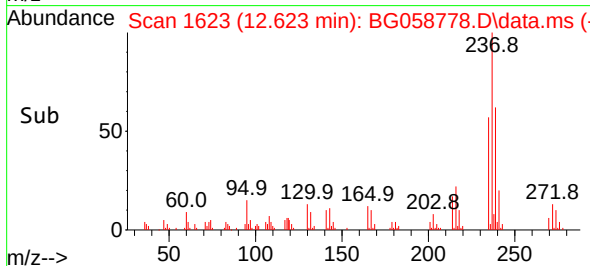
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



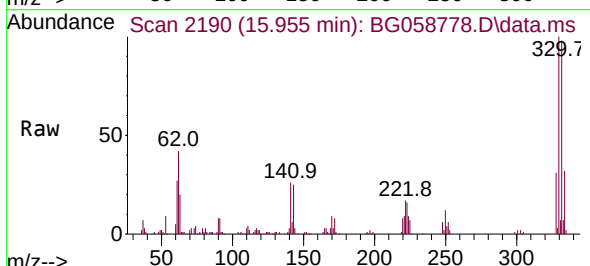
Tgt Ion:237 Resp: 37449
Ion Ratio Lower Upper
237 100
235 57.1 41.5 81.5
272 13.3 0.0 32.5

Manual Integrations
APPROVED

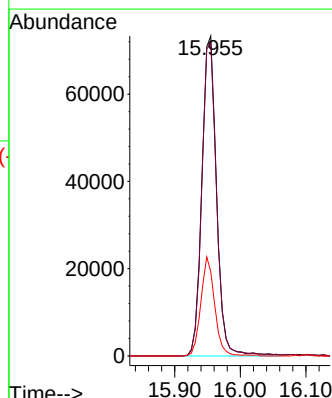
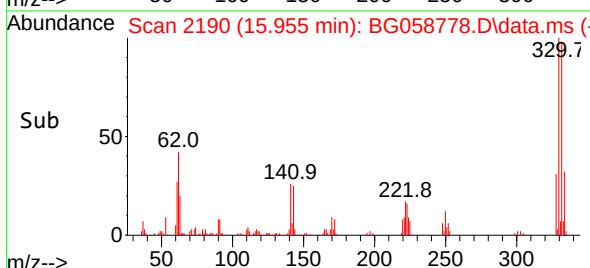
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

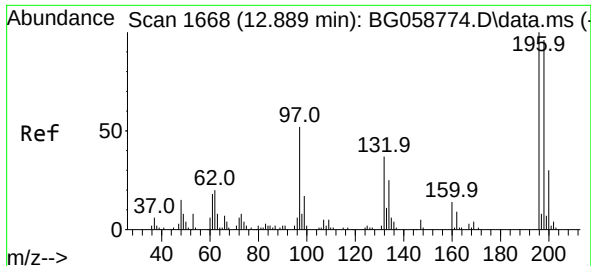


#42
2,4,6-Tribromophenol
Concen: 83.135 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:330 Resp: 113037
Ion Ratio Lower Upper
330 100
332 98.2 78.5 117.7
141 29.1 23.0 34.6





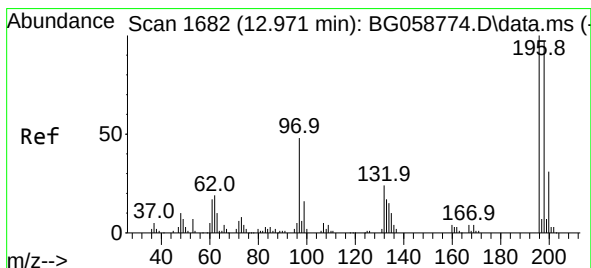
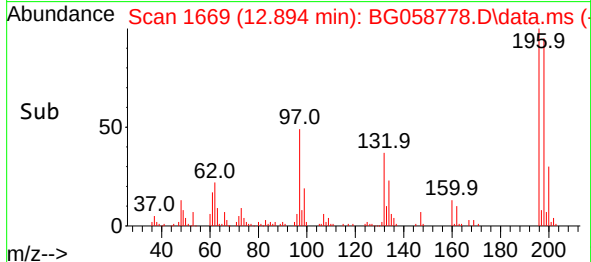
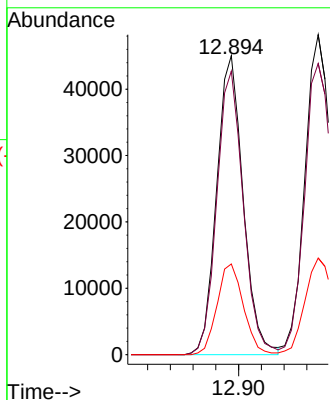
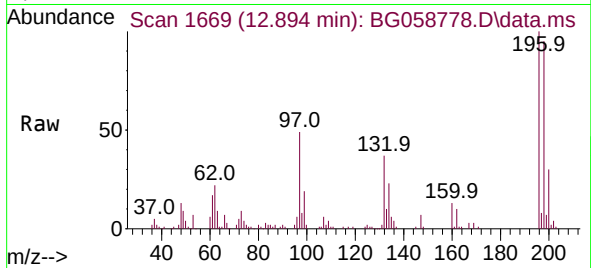
#43
2,4,6-Trichlorophenol
Concen: 42.807 ng
RT: 12.894 min Scan# 1668
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :
BNA_G
ClientSampleId :
ICVBG081823

Tgt Ion:196 Resp: 72816
Ion Ratio Lower Upper
196 100
198 94.8 77.0 115.4
200 30.3 23.8 35.6

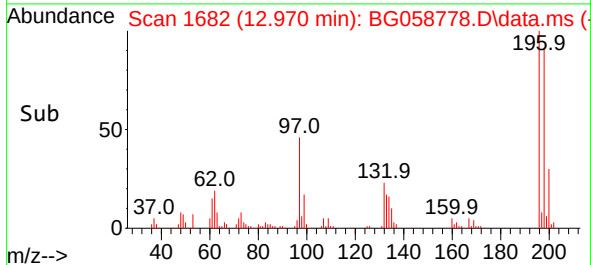
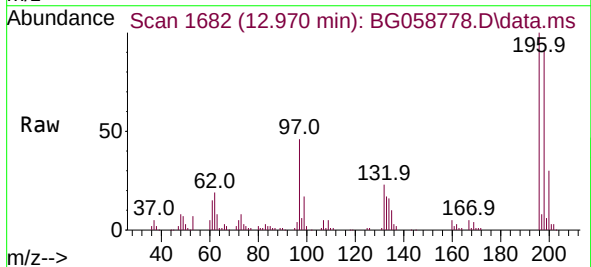
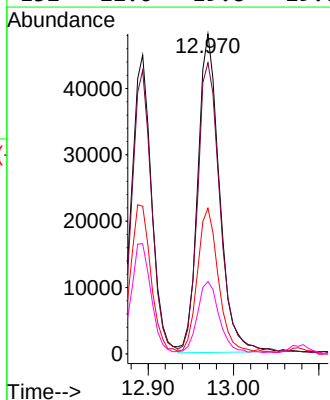
Manual Integrations
APPROVED

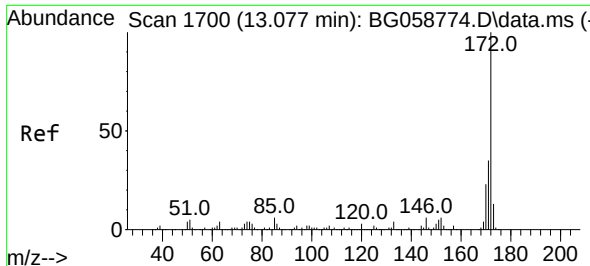
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#44
2,4,5-Trichlorophenol
Concen: 41.486 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

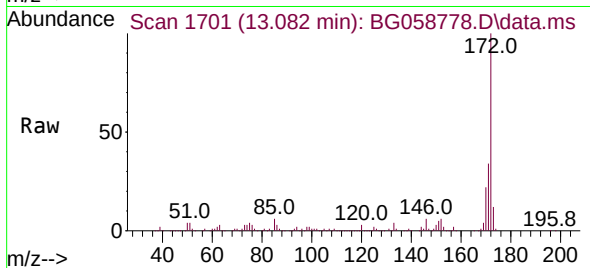
Tgt Ion:196 Resp: 84506
Ion Ratio Lower Upper
196 100
198 91.0 78.0 117.0
97 45.5 38.7 58.1
132 22.6 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 79.019 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

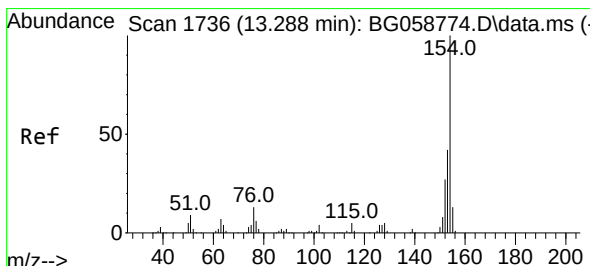
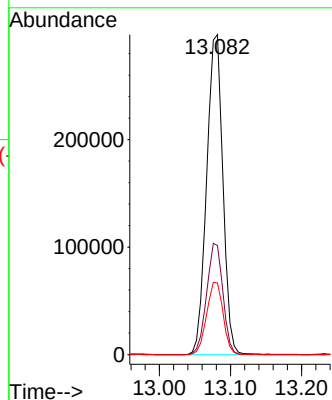
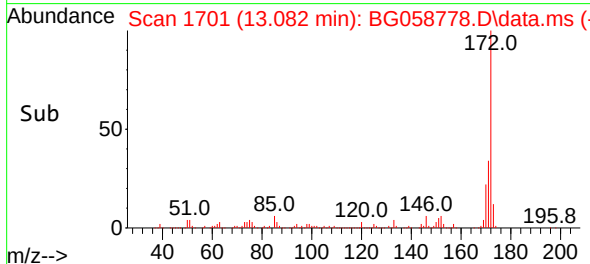
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



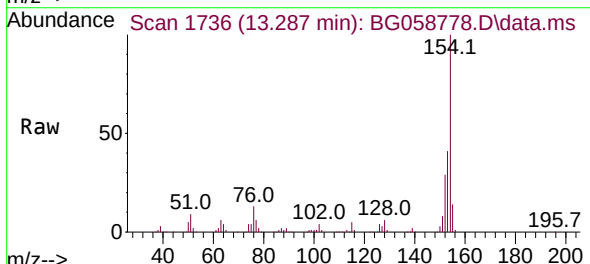
Tgt Ion:172 Resp: 471115
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.4 18.6 27.8

Manual Integrations
APPROVED

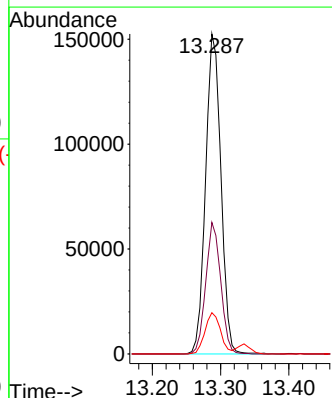
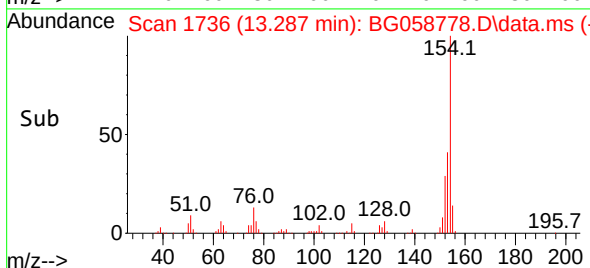
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

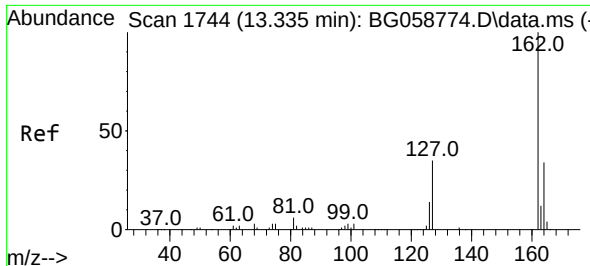


#46
1,1'-Biphenyl
Concen: 39.816 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:154 Resp: 237846
Ion Ratio Lower Upper
154 100
153 41.1 21.7 61.7
76 12.9 0.0 33.2





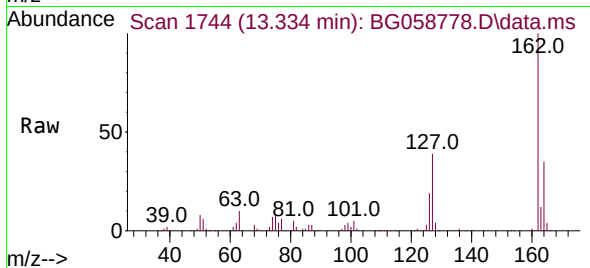
#47
2-Chloronaphthalene
Concen: 40.627 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823



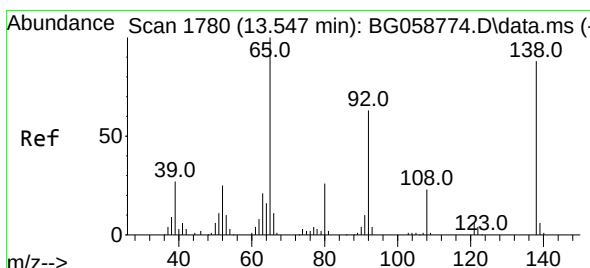
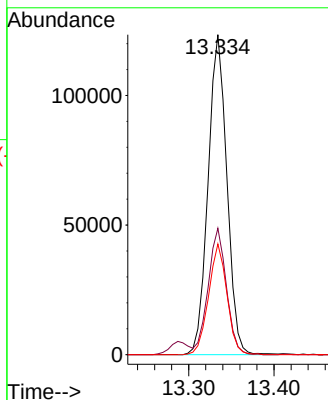
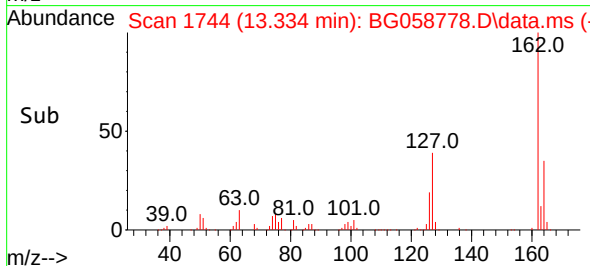
Tgt Ion:162 Resp: 189130
Ion Ratio Lower Upper
162 100
127 39.5 31.5 47.3
164 34.6 27.3 40.9

Manual Integrations

APPROVED

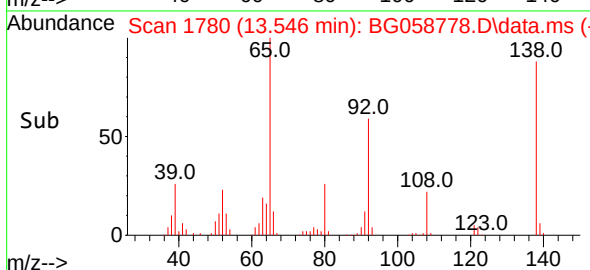
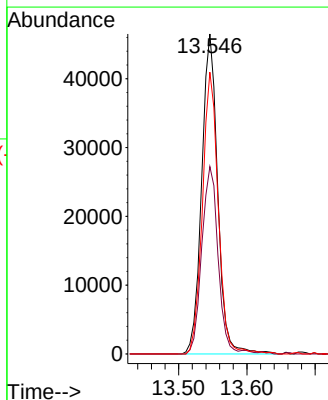
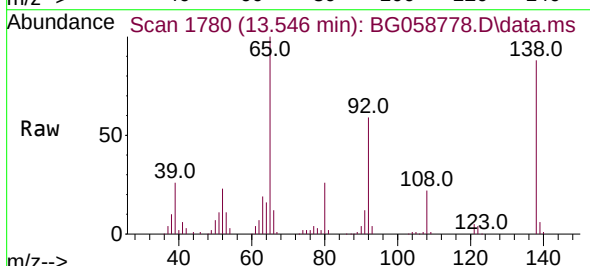
Reviewed By :Yogesh Patel 08/22/2023

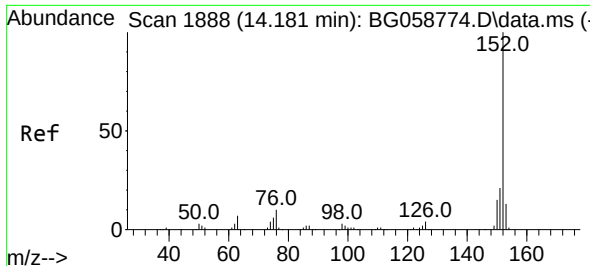
Supervised By :mohammad ahmed 08/22/2023



#48
2-Nitroaniline
Concen: 42.936 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion: 65 Resp: 75912
Ion Ratio Lower Upper
65 100
92 58.5 50.7 76.1
138 88.1 70.7 106.1





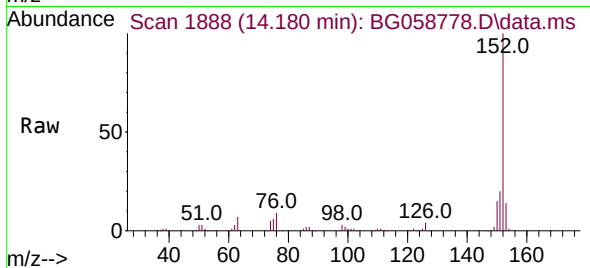
#49
Acenaphthylene
Concen: 40.427 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

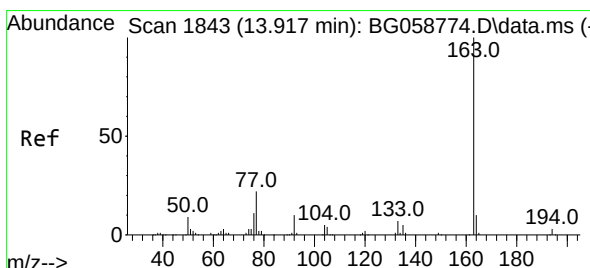
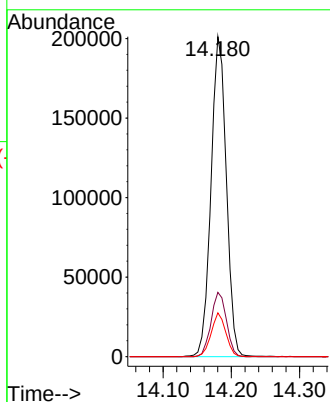
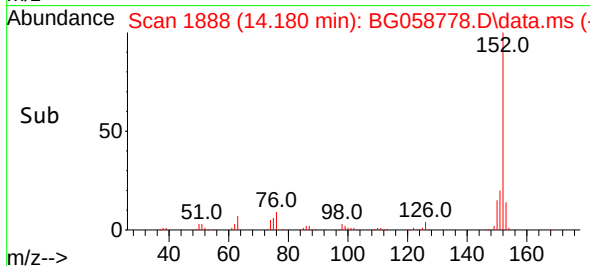


Tgt Ion:152 Resp: 312094
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.7 10.7 16.1

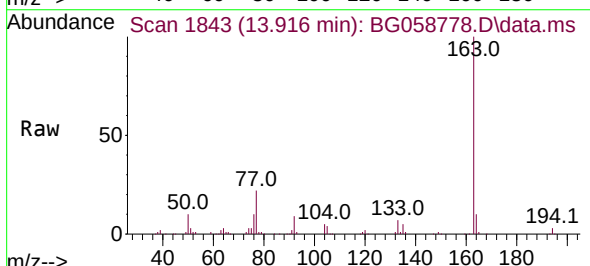
Manual Integrations

APPROVED

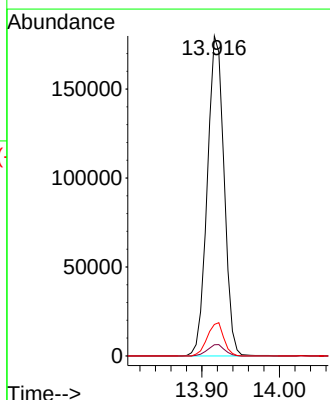
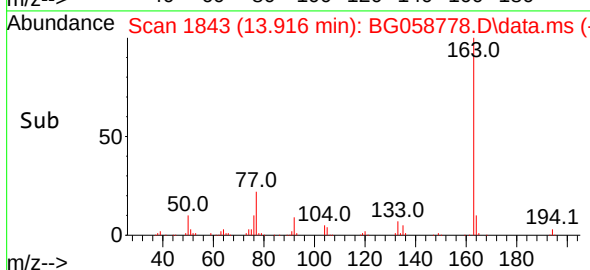
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

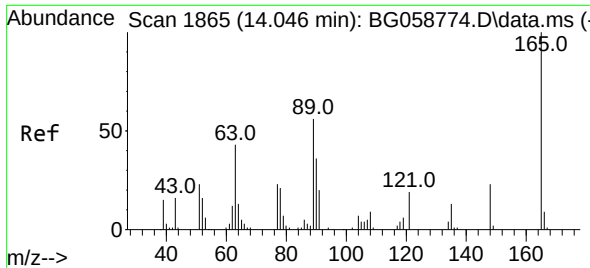


#50
Dimethylphthalate
Concen: 40.125 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:163 Resp: 269403
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.256 ng
RT: 14.039 min Scan# 1865
Delta R.T. -0.007 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

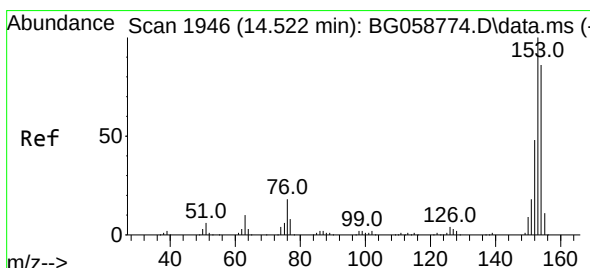
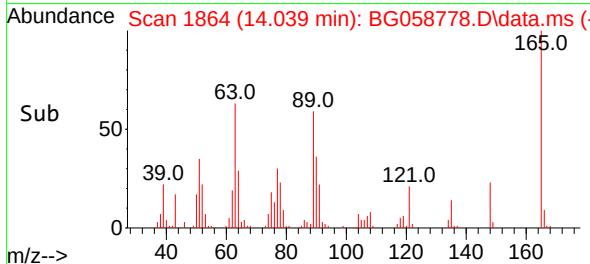
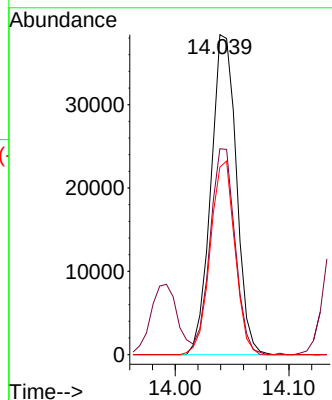
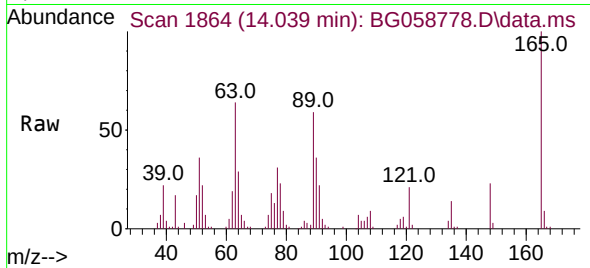
ICVBG081823

Tgt Ion:165 Resp: 59605
Ion Ratio Lower Upper
165 100
63 64.3 47.2 70.8
89 58.6 45.0 67.4

Manual Integrations

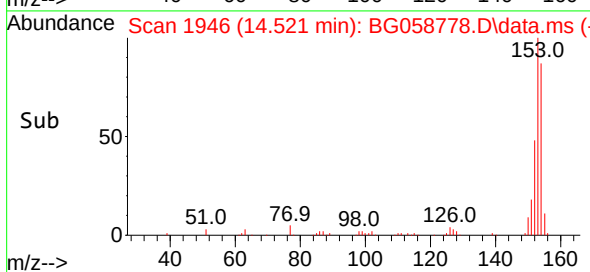
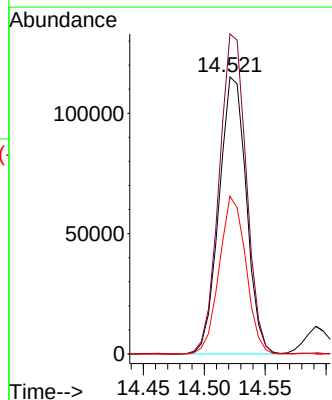
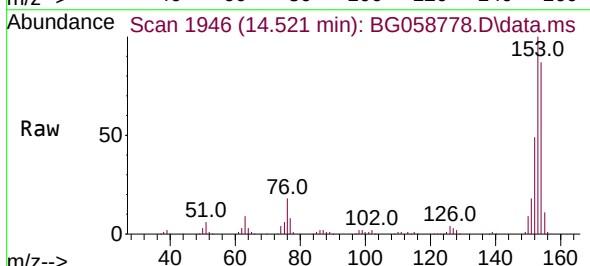
APPROVED

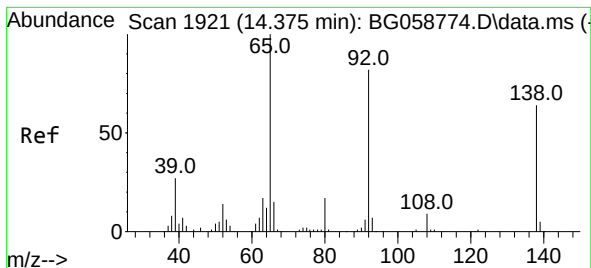
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#52
Acenaphthene
Concen: 39.691 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

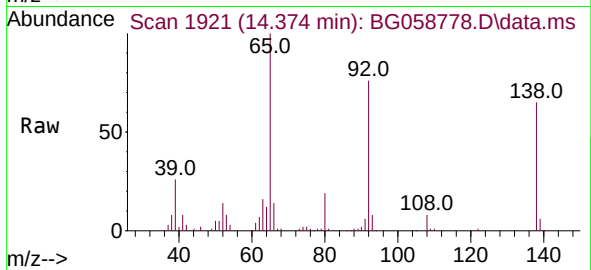
Tgt Ion:154 Resp: 179059
Ion Ratio Lower Upper
154 100
153 115.6 92.7 139.1
152 56.9 44.2 66.2





#53
3-Nitroaniline
Concen: 44.246 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

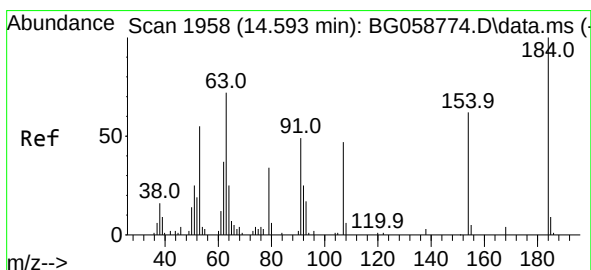
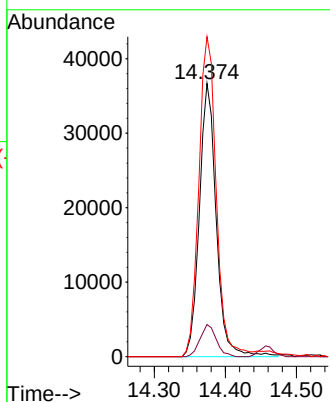
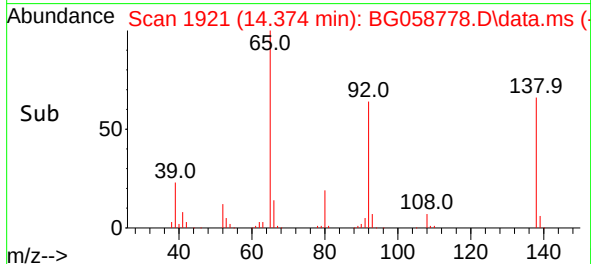
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



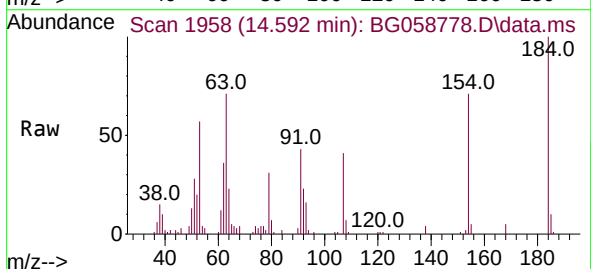
Tgt Ion:138 Resp: 60195
Ion Ratio Lower Upper
138 100
108 11.7 11.8 17.8
92 117.1 102.5 153.7

Manual Integrations
APPROVED

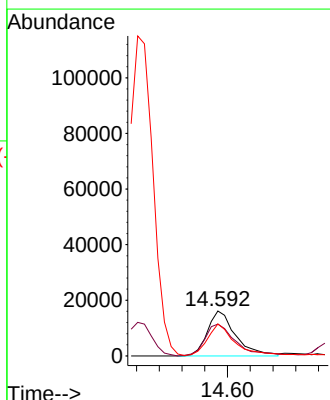
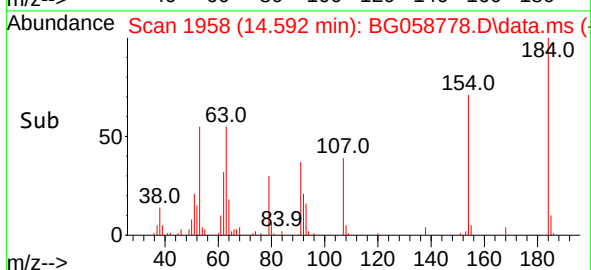
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

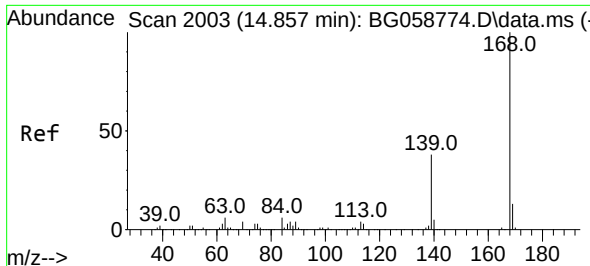


#54
2,4-Dinitrophenol
Concen: 38.908 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



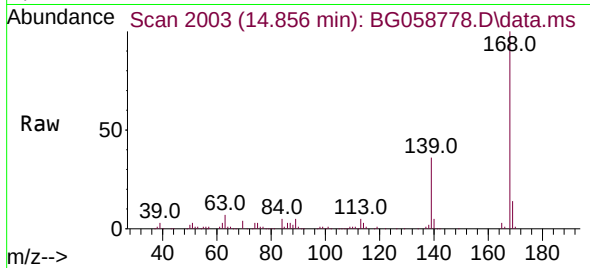
Tgt Ion:184 Resp: 27623
Ion Ratio Lower Upper
184 100
63 70.8 57.7 86.5
154 71.2 51.8 77.6





#55
Dibenzofuran
Concen: 40.095 ng
RT: 14.856 min Scan# 2003
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

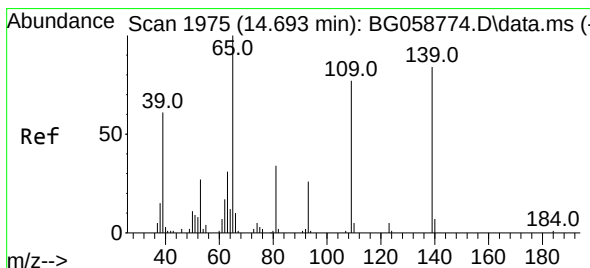
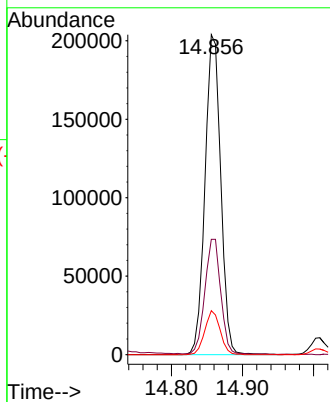
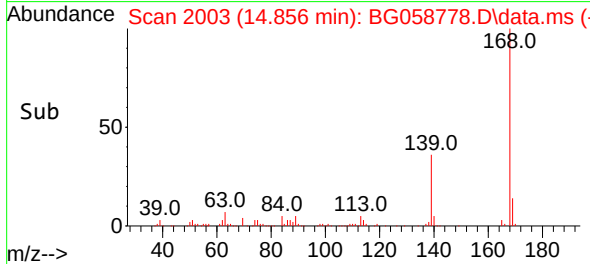
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



Tgt Ion:168 Resp: 312025
Ion Ratio Lower Upper
168 100
139 36.0 30.4 45.6
169 13.7 10.7 16.1

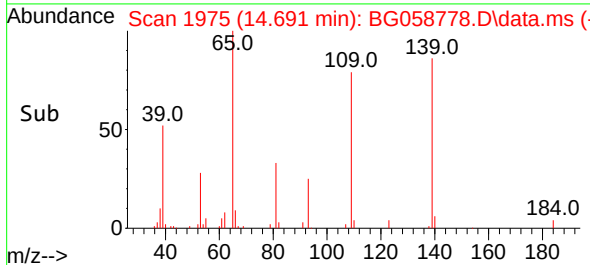
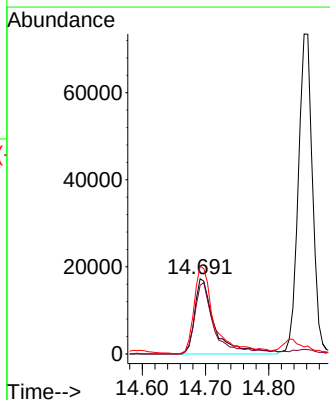
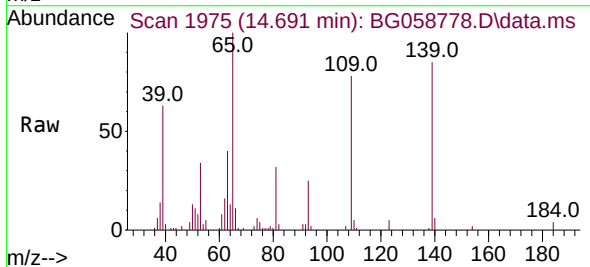
Manual Integrations
APPROVED

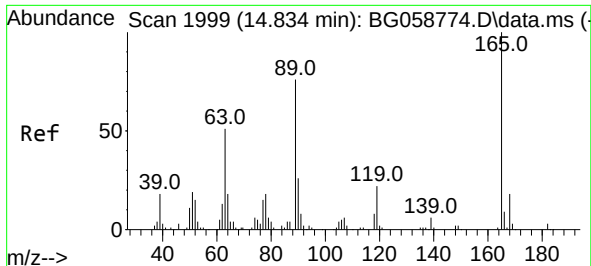
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#56
4-Nitrophenol
Concen: 41.254 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:139 Resp: 38352
Ion Ratio Lower Upper
139 100
109 91.2 71.9 111.9
65 117.0 100.7 140.7





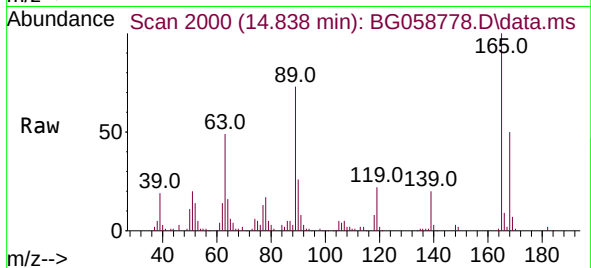
#57
2,4-Dinitrotoluene
Concen: 42.774 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

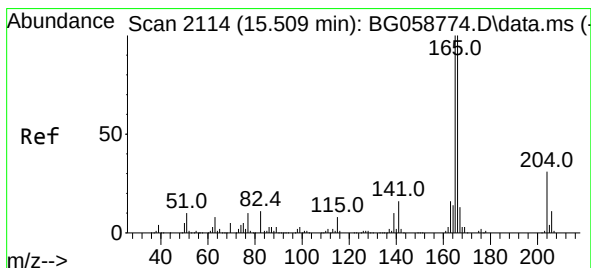
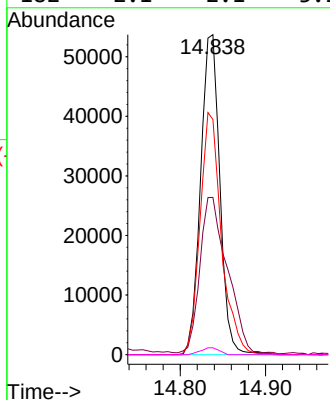
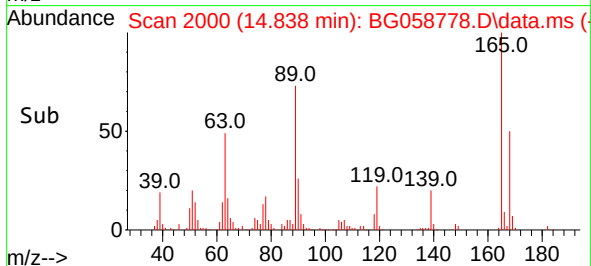


Tgt Ion:165 Resp: 84154
Ion Ratio Lower Upper
165 100
63 49.1 41.8 62.6
89 73.5 60.7 91.1
182 2.1 2.1 3.1

Manual Integrations

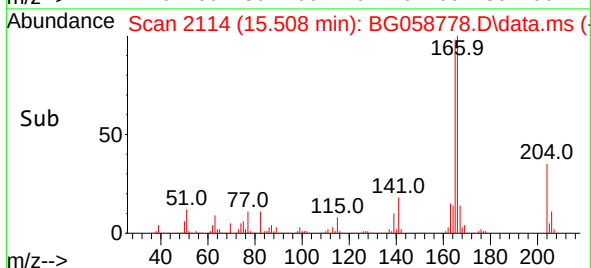
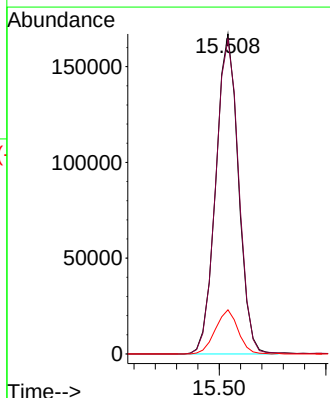
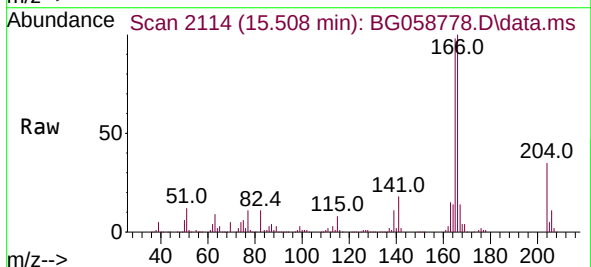
APPROVED

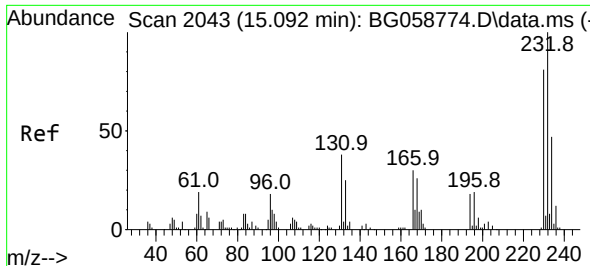
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#58
Fluorene
Concen: 39.728 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

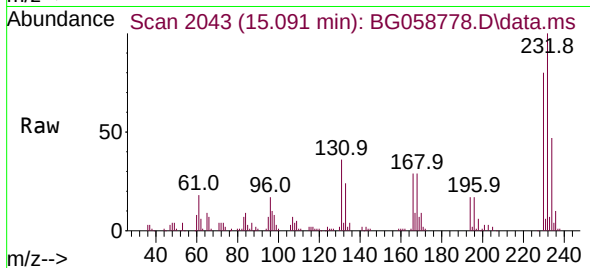
Tgt Ion:166 Resp: 246047
Ion Ratio Lower Upper
166 100
165 98.3 79.9 119.9
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.068 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

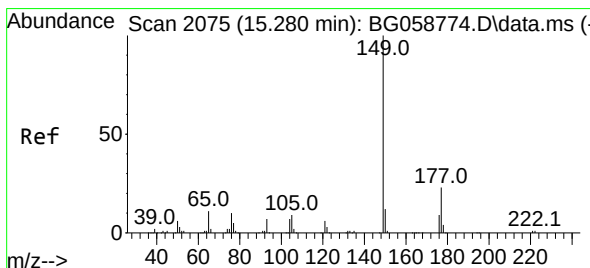
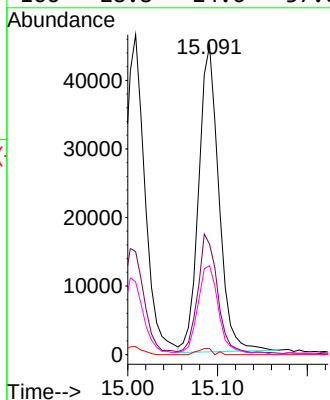
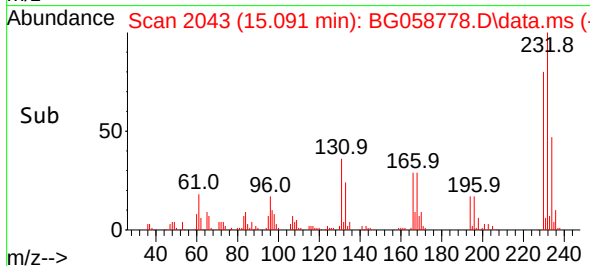
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



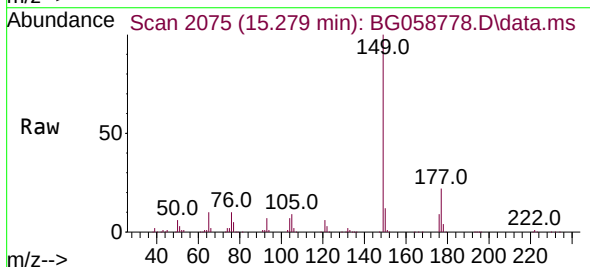
Tgt Ion:232 Resp: 69926
Ion Ratio Lower Upper
232 100
131 38.8 33.9 50.9
130 1.6 1.8 2.6
166 28.8 24.6 37.0

Manual Integrations
APPROVED

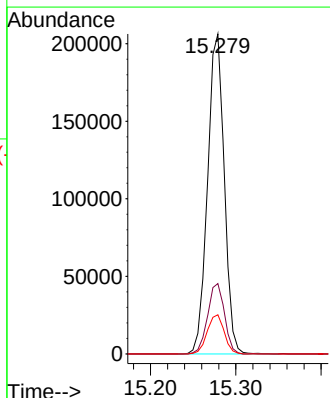
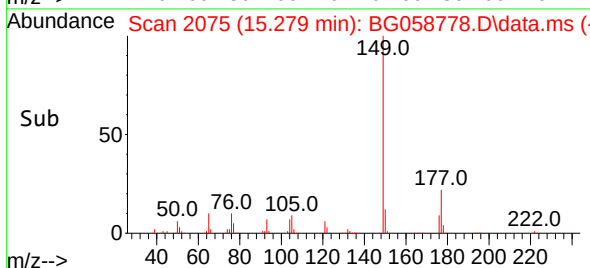
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

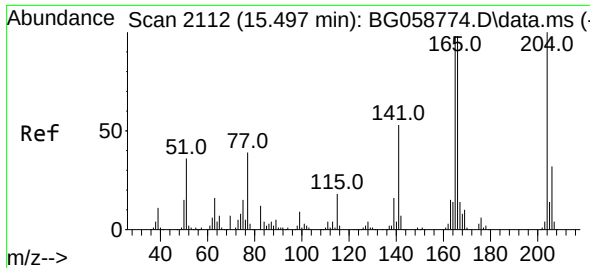


#60
Diethylphthalate
Concen: 40.461 ng
RT: 15.279 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



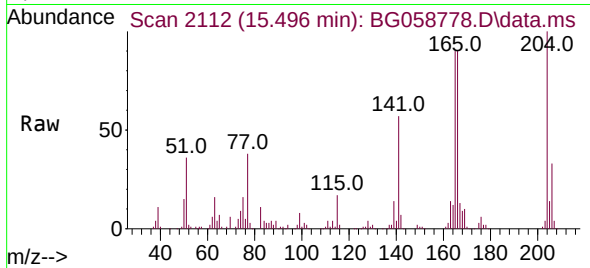
Tgt Ion:149 Resp: 280092
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.114 ng
RT: 15.496 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

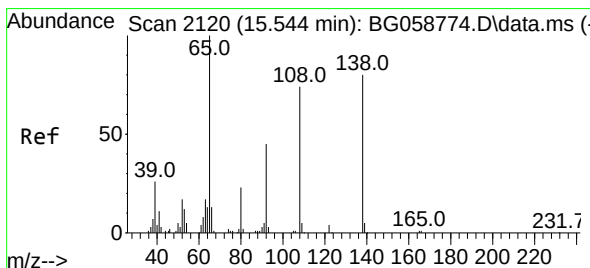
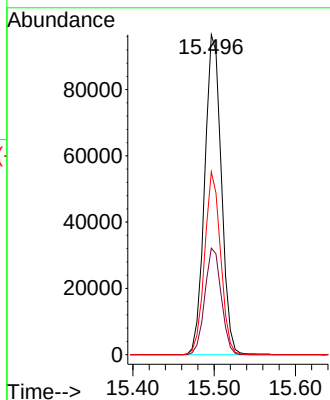
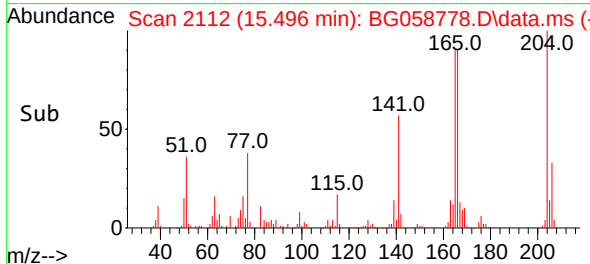
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



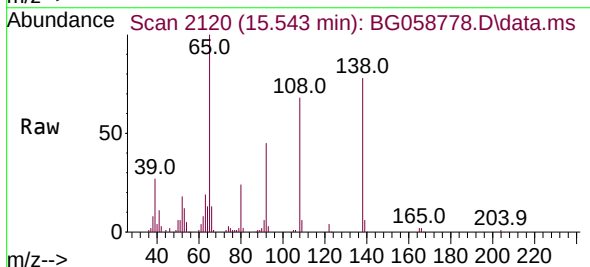
Tgt Ion:204 Resp: 137700
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 57.1 42.3 63.5

Manual Integrations
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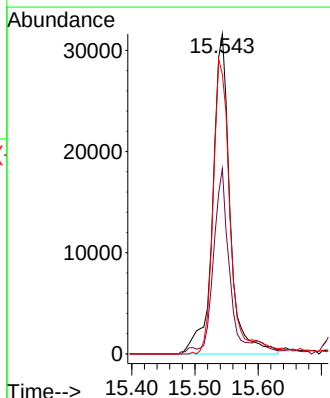
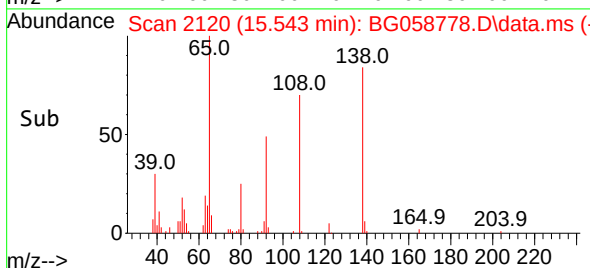
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

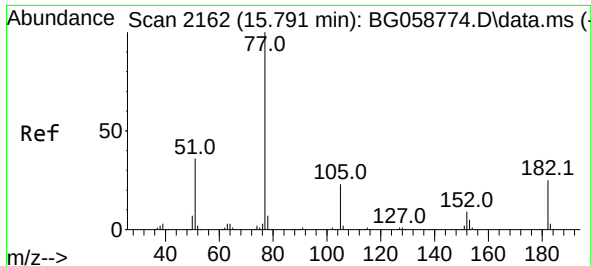


#62
4-Nitroaniline
Concen: 43.481 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:138 Resp: 60031
Ion Ratio Lower Upper
138 100
92 57.9 36.4 76.4
108 87.4 72.2 112.2





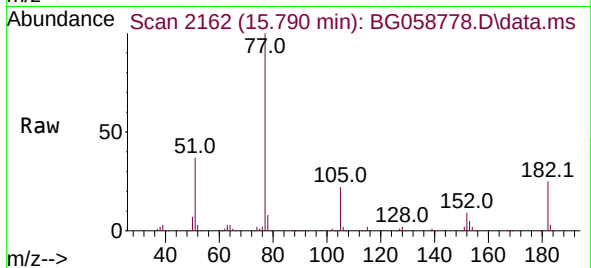
#63
Azobenzene
Concen: 40.373 ng
RT: 15.790 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

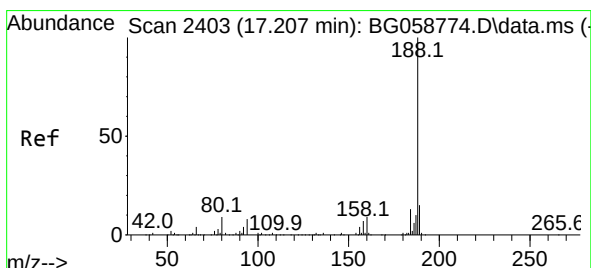
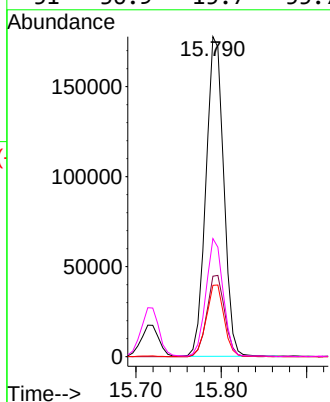
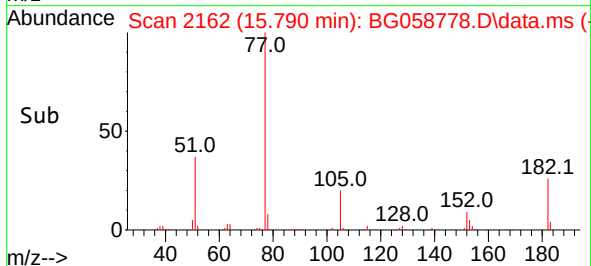


Tgt Ion: 77 Resp: 256630
Ion Ratio Lower Upper
77 100
182 25.1 4.9 44.9
105 22.3 2.8 42.8
51 36.9 15.7 55.7

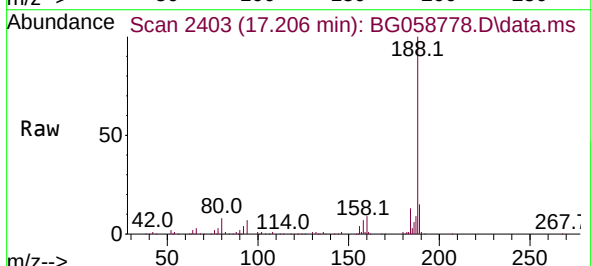
Manual Integrations

APPROVED

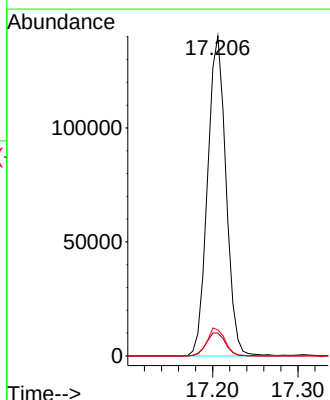
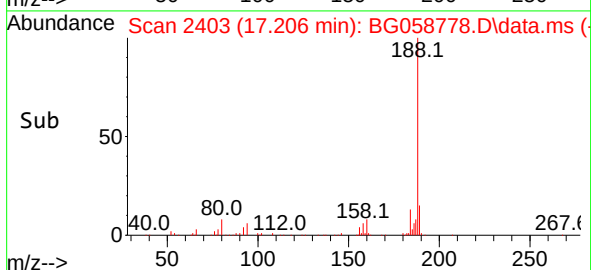
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

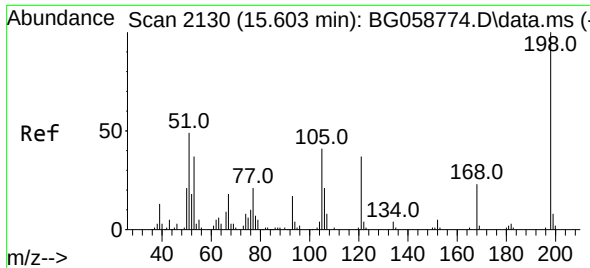


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:188 Resp: 210713
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 8.2 6.9 10.3





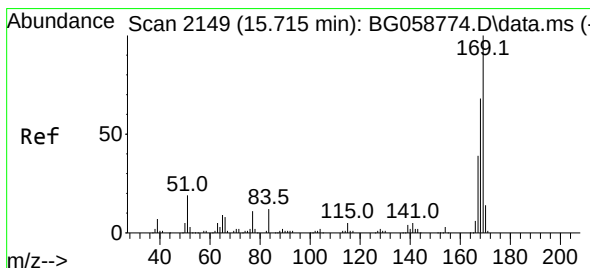
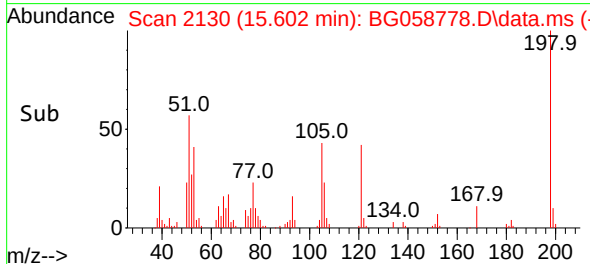
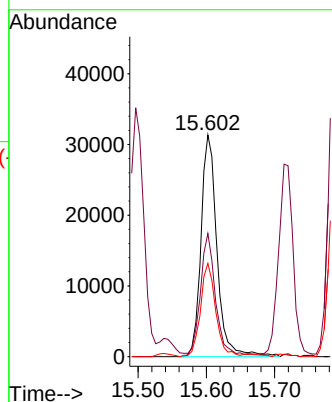
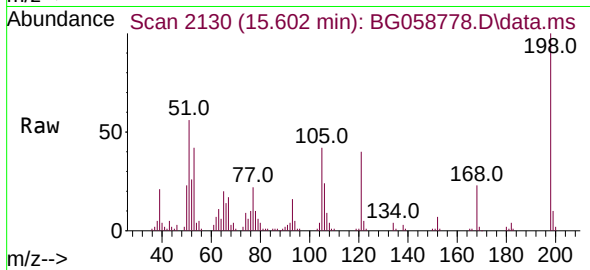
#65
4,6-Dinitro-2-methylphenol
Concen: 42.820 ng
RT: 15.602 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :
BNA_G
ClientSampleId :
ICVBG081823

Tgt Ion:198 Resp: 51000
Ion Ratio Lower Upper
198 100
51 55.5 31.3 71.3
105 42.0 20.7 60.7

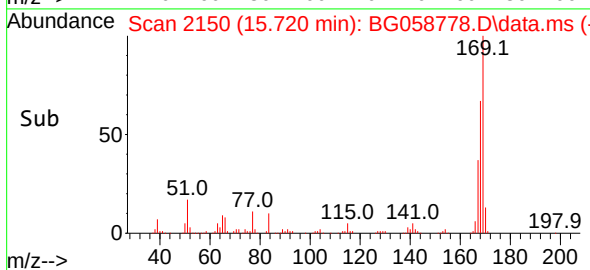
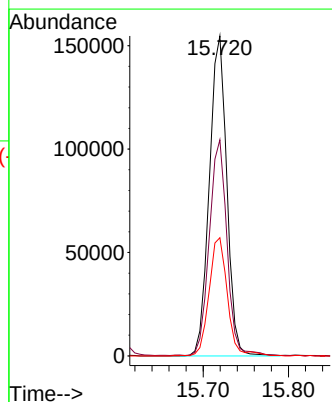
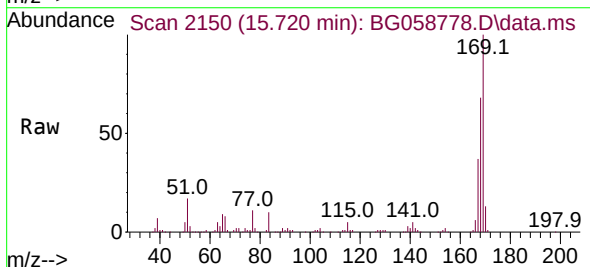
Manual Integrations
APPROVED

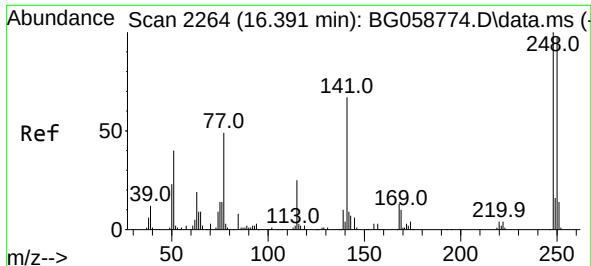
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#66
n-Nitrosodiphenylamine
Concen: 40.487 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:169 Resp: 219879
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 36.9 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 41.051 ng
RT: 16.389 min Scan# 2264
Delta R.T. -0.002 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

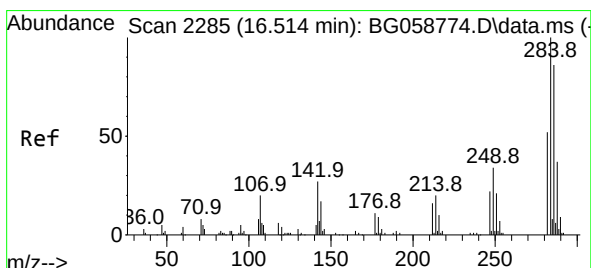
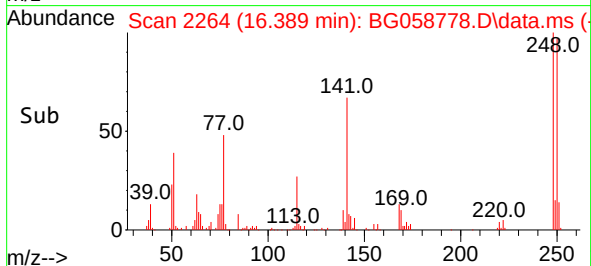
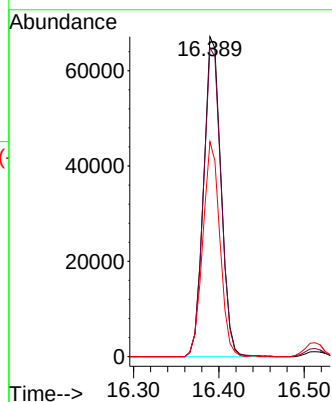
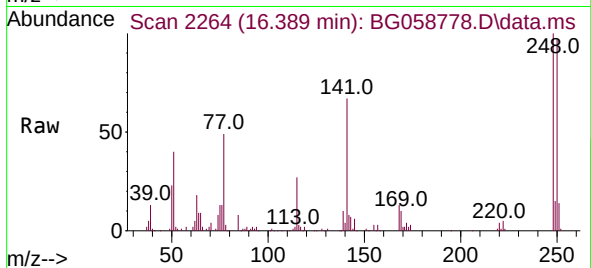
ICVBG081823

Tgt Ion:248 Resp: 94921
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 67.2 53.6 80.4

Manual Integrations

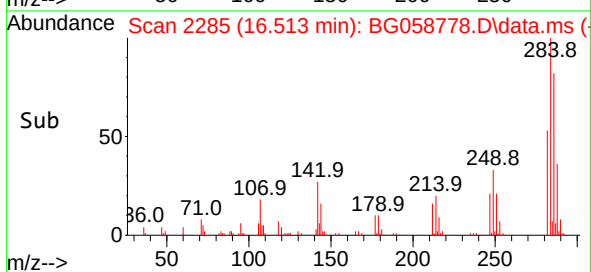
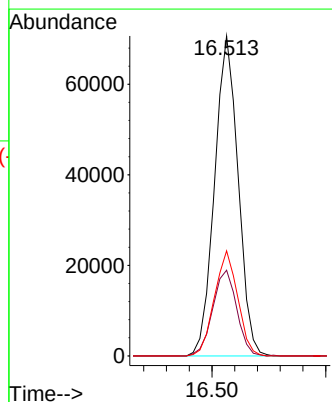
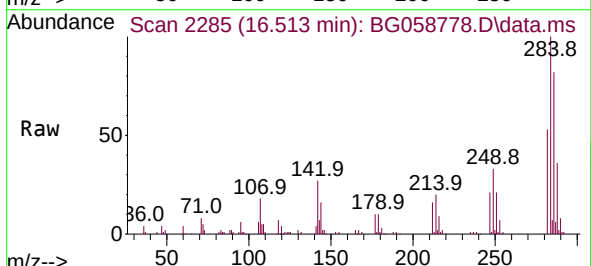
APPROVED

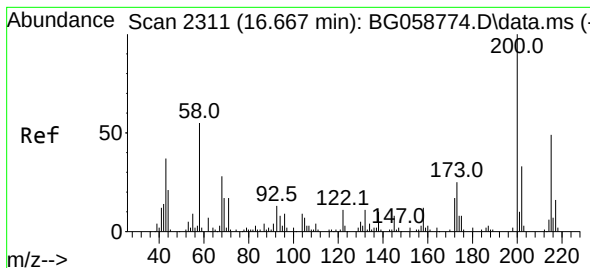
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#68
Hexachlorobenzene
Concen: 40.756 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:284 Resp: 101424
Ion Ratio Lower Upper
284 100
142 26.8 22.0 33.0
249 32.8 27.2 40.8





#69

Atrazine

Concen: 35.850 ng

RT: 16.666 min Scan# 2311

Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

Tgt Ion:200 Resp: 68903

Ion Ratio Lower Upper

200 100

173 23.6 5.3 45.3

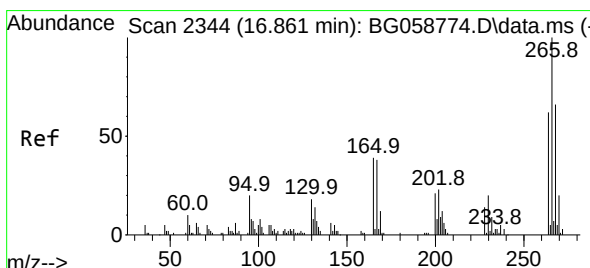
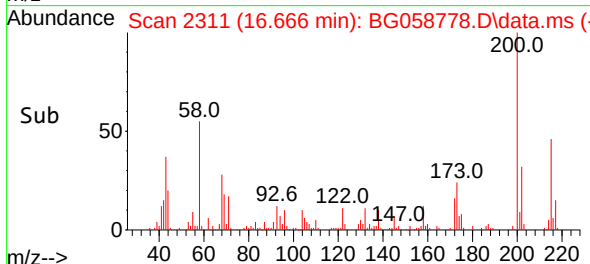
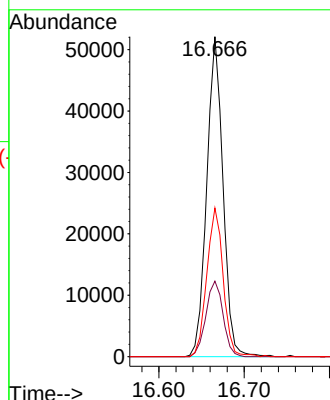
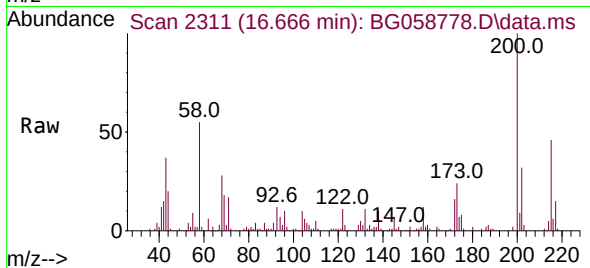
215 46.4 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#70

Pentachlorophenol

Concen: 43.613 ng

RT: 16.860 min Scan# 2344

Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

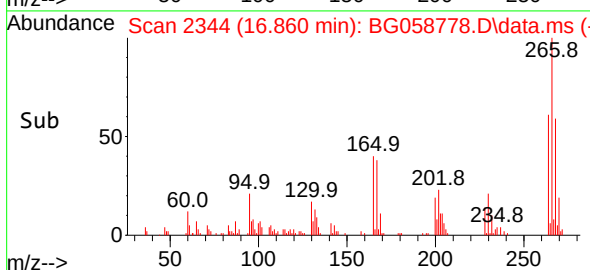
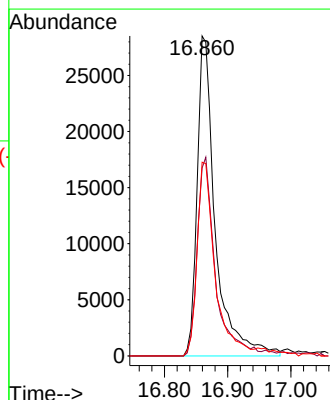
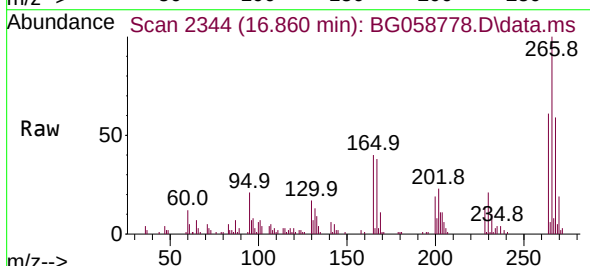
Tgt Ion:266 Resp: 56912

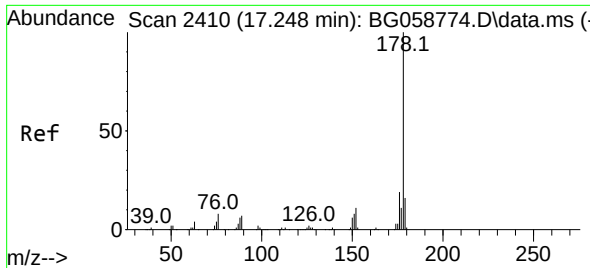
Ion Ratio Lower Upper

266 100

268 58.7 52.7 79.1

264 60.5 49.5 74.3





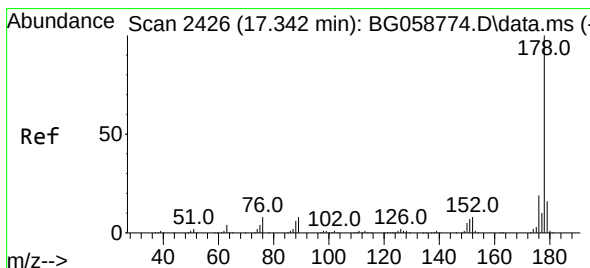
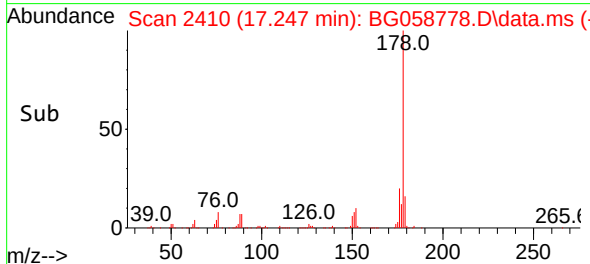
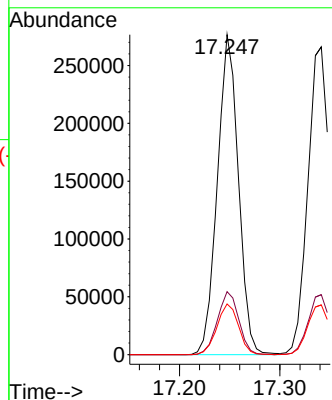
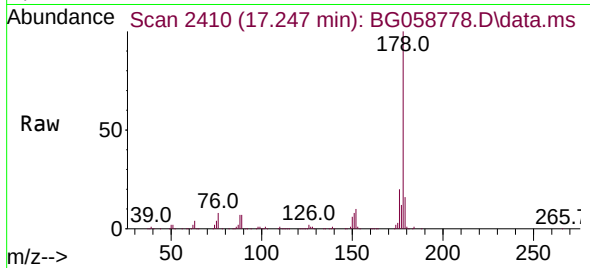
#71
Phenanthrene
Concen: 39.971 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :
BNA_G
ClientSampleId :
ICVBG081823

Tgt Ion:178 Resp: 404338
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.8 13.0 19.4

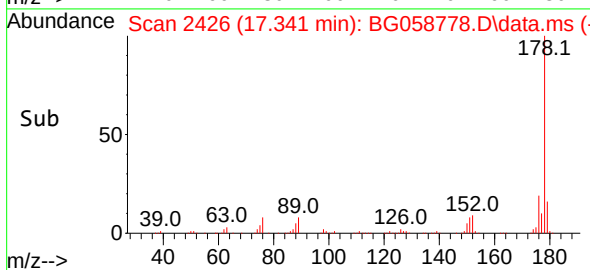
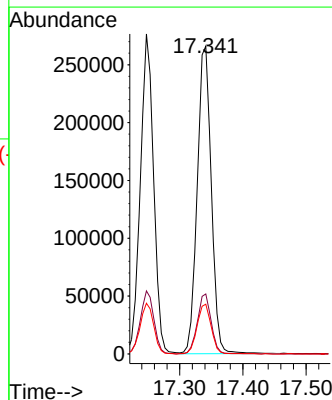
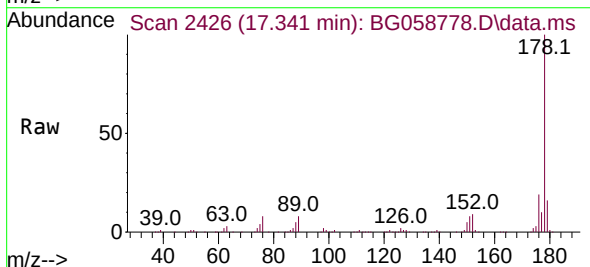
Manual Integrations
APPROVED

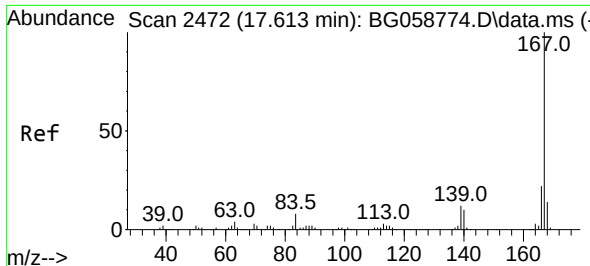
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#72
Anthracene
Concen: 40.556 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

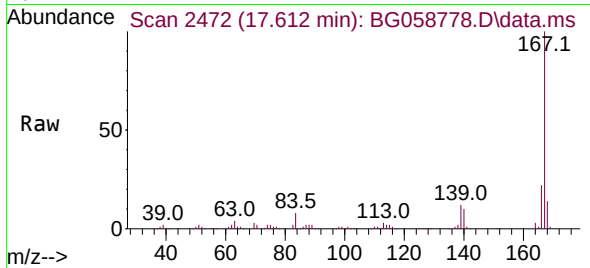
Tgt Ion:178 Resp: 411466
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.2 12.9 19.3





#73
 Carbazole
 Concen: 40.047 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08

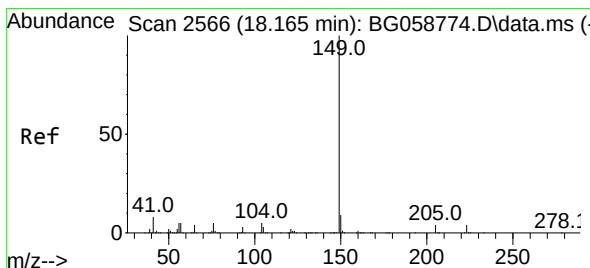
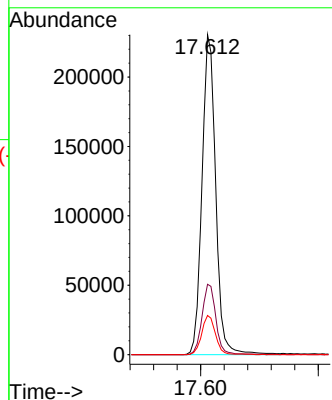
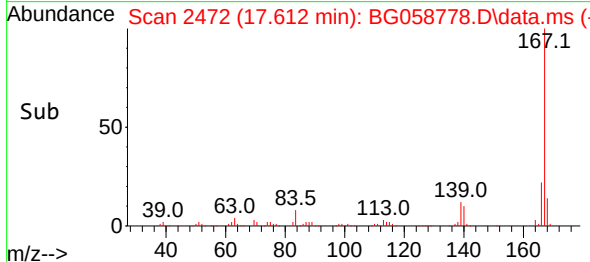
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081823



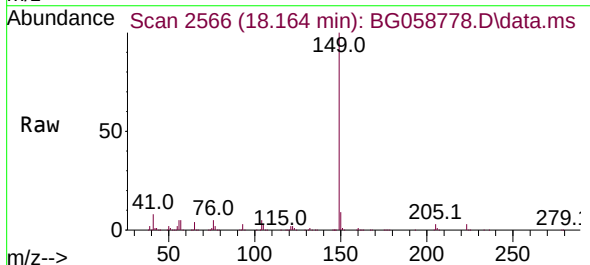
Tgt Ion:167 Resp: 372062
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.2 9.7 14.5

Manual Integrations
 APPROVED

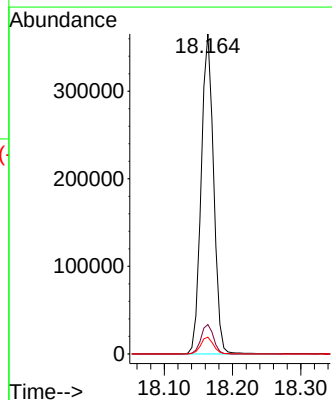
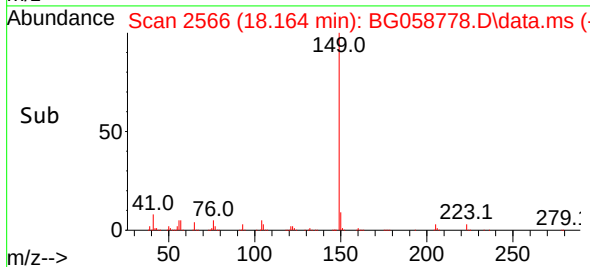
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

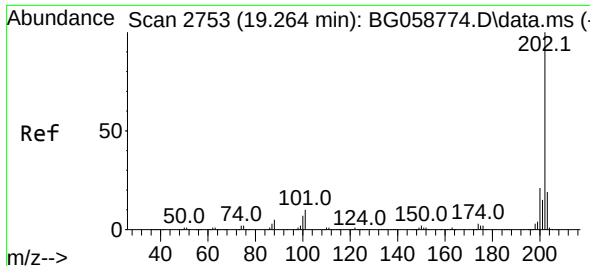


#74
 Di-n-butylphthalate
 Concen: 39.575 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08



Tgt Ion:149 Resp: 463819
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 4.3 6.5





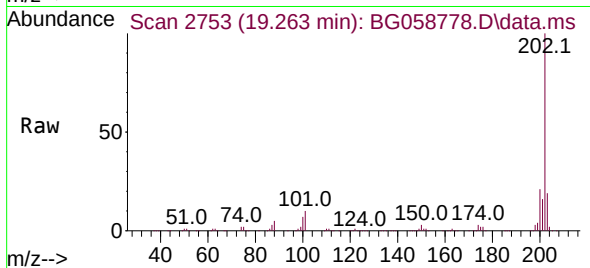
#75
Fluoranthene
Concen: 39.280 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

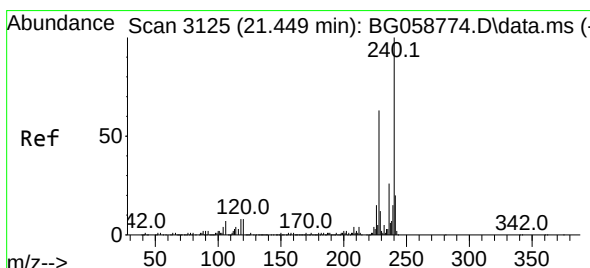
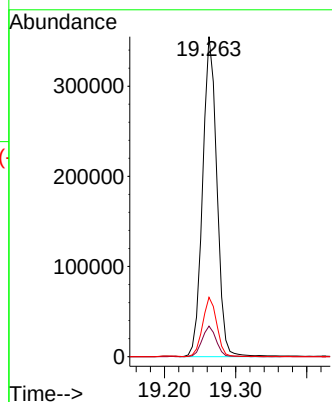
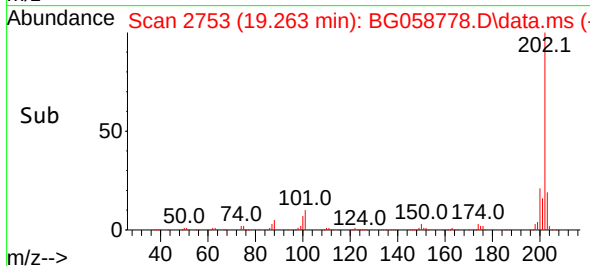


Tgt Ion:202 Resp: 492743
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 18.5 0.0 38.7

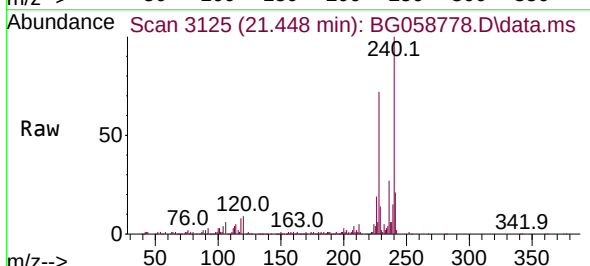
Manual Integrations

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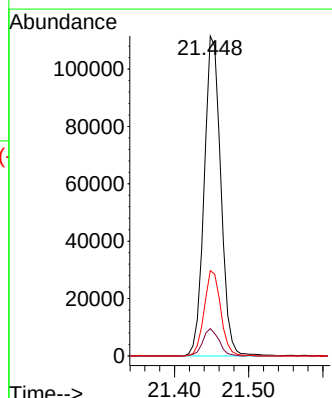
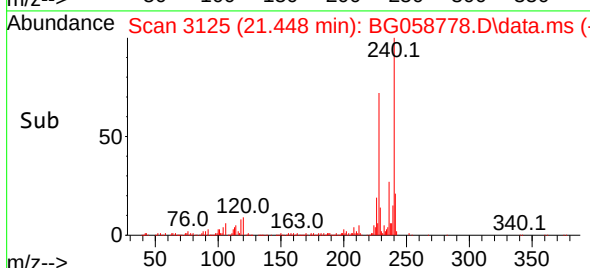
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

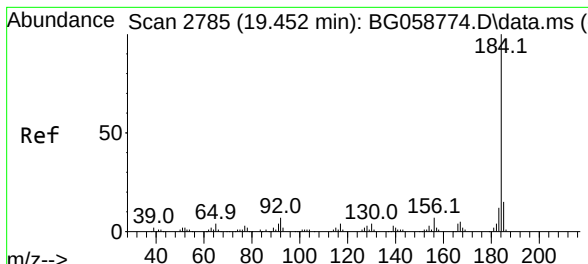


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:240 Resp: 173300
Ion Ratio Lower Upper
240 100
120 8.5 6.2 9.2
236 26.6 20.5 30.7





#77
Benzidine
Concen: 38.395 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

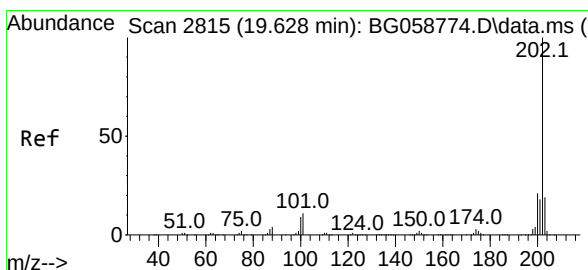
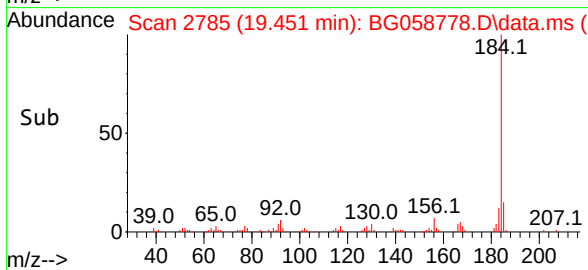
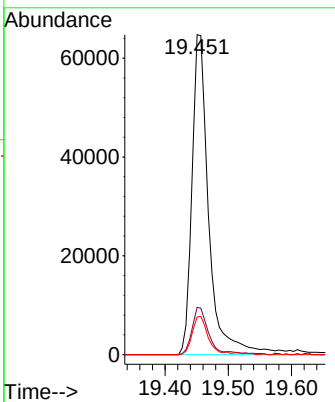
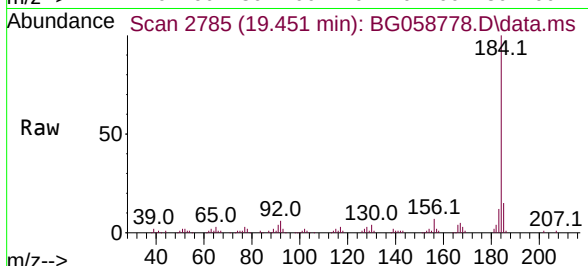
Instrument : BNA_G
ClientSampleId : ICVBG081823

Tgt Ion:184 Resp: 119250

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.9	17.9
183	11.7	10.0	15.0

Manual Integrations
APPROVED

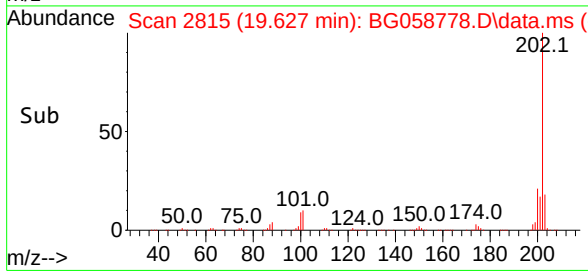
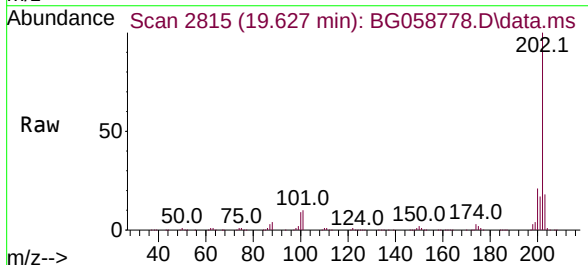
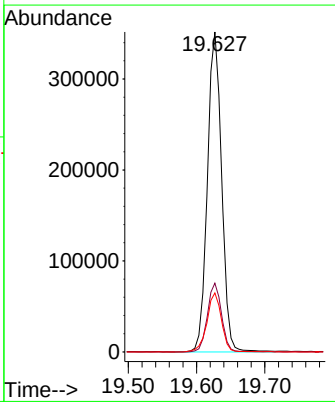
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

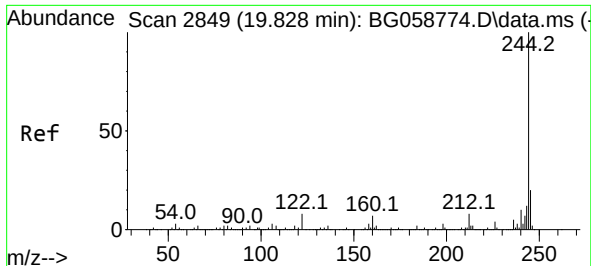


#78
Pyrene
Concen: 42.174 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Tgt Ion:202 Resp: 509246

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.4	15.3	22.9





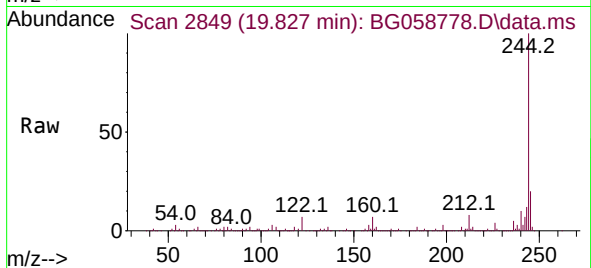
#79
 Terphenyl-d14
 Concen: 81.584 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

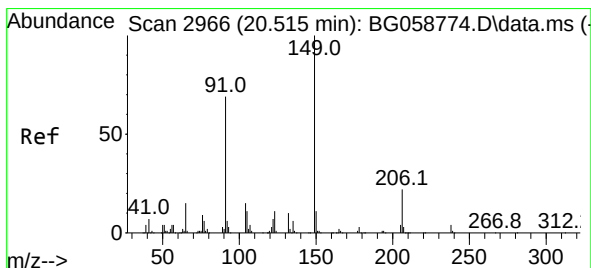
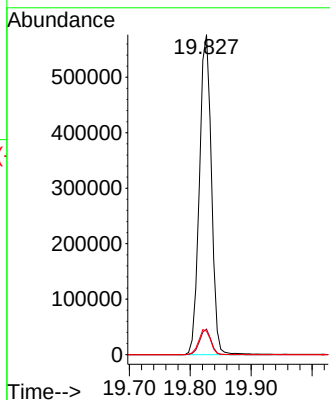
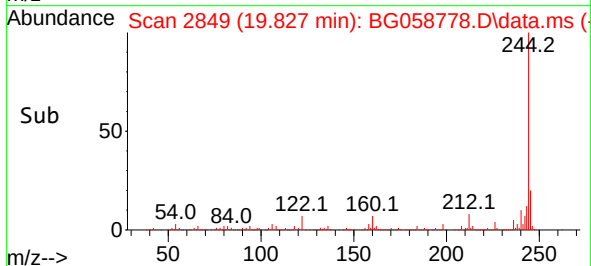


Tgt Ion:244 Resp: 787399
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 7.3 6.3 9.5

Manual Integrations

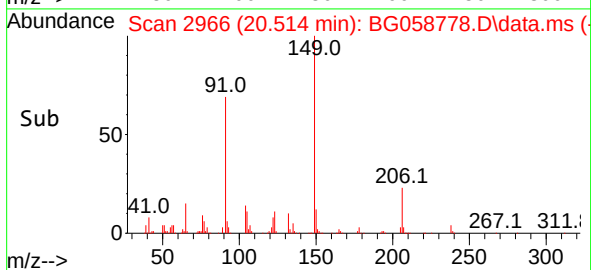
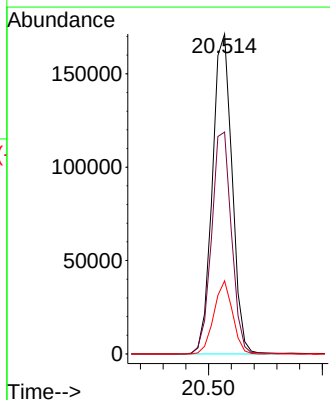
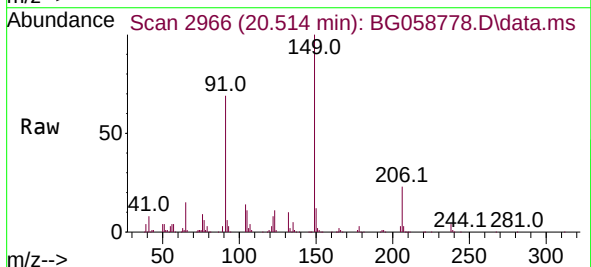
APPROVED

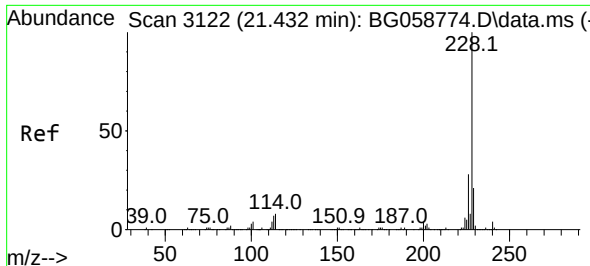
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#80
 Butylbenzylphthalate
 Concen: 42.064 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08

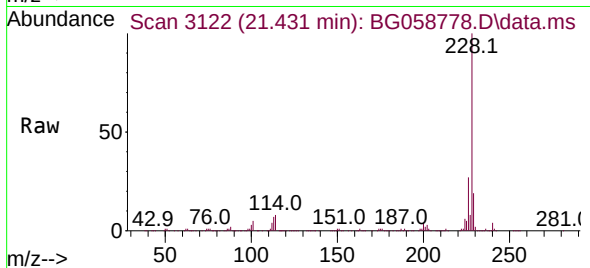
Tgt Ion:149 Resp: 205997
 Ion Ratio Lower Upper
 149 100
 91 69.3 55.0 82.4
 206 22.8 17.6 26.4





#81
Benzo(a)anthracene
Concen: 40.938 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

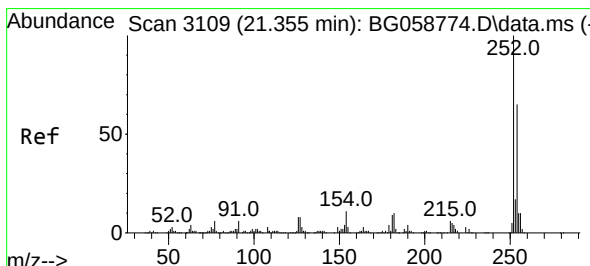
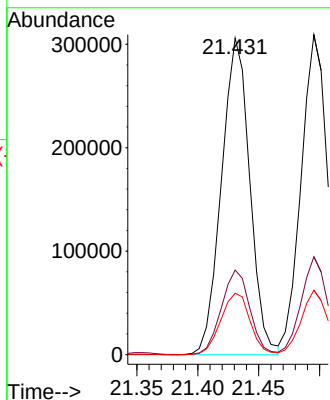
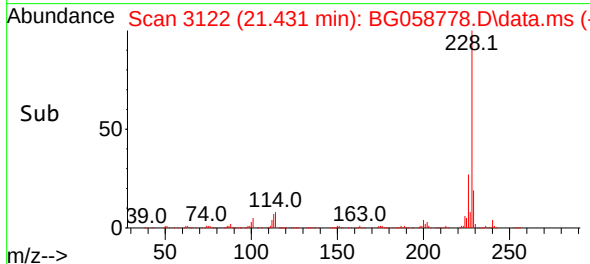
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



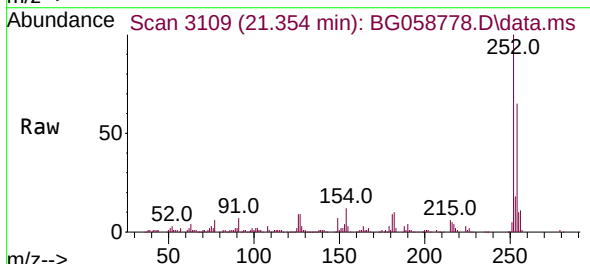
Tgt Ion:228 Resp: 493843
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 19.4 16.8 25.2

Manual Integrations
APPROVED

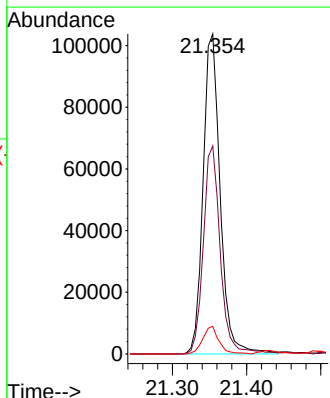
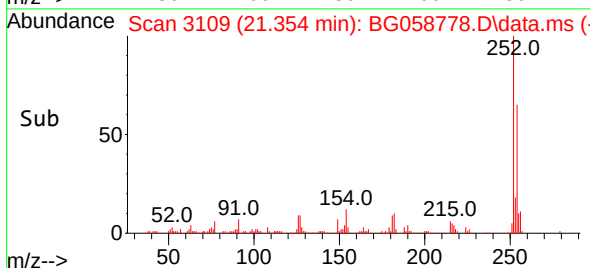
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

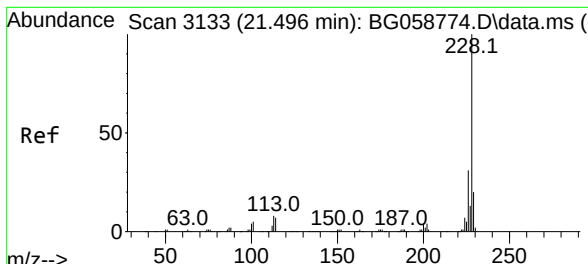


#82
3,3'-Dichlorobenzidine
Concen: 39.776 ng
RT: 21.354 min Scan# 3109
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:252 Resp: 165659
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 8.6 6.6 9.8





#83

Chrysene

Concen: 40.665 ng

RT: 21.495 min Scan# 3133

Delta R.T. -0.001 min

Lab File: BG058778.D

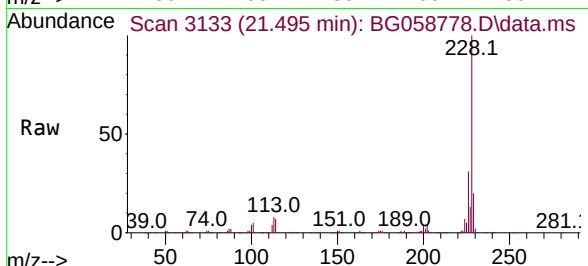
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

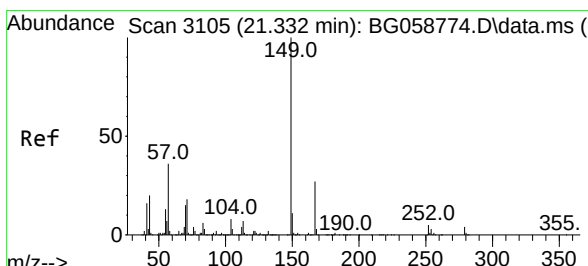
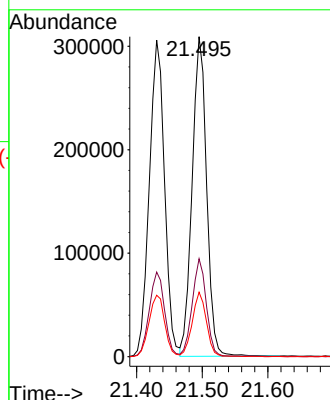
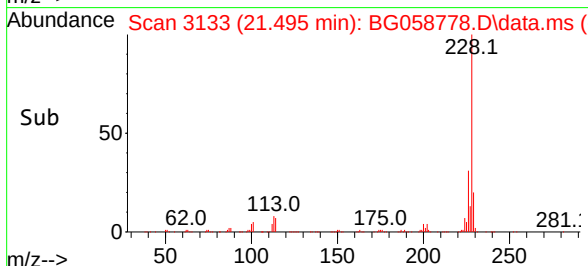


Tgt Ion:228	Resp: 47283
Ion Ratio	Lower Upper
228 100	
226 30.6	24.4 36.6
229 20.1	16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.811 ng

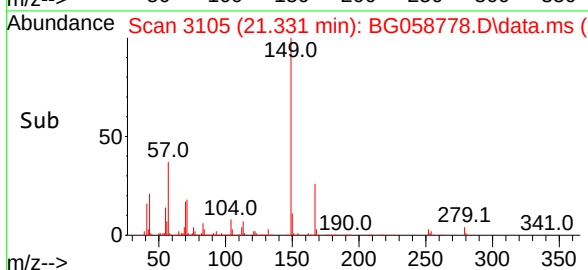
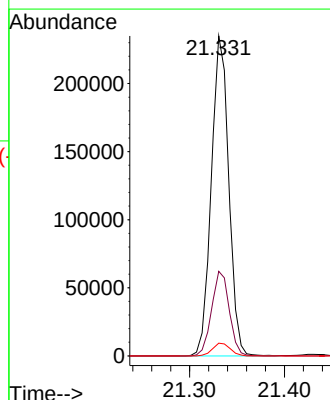
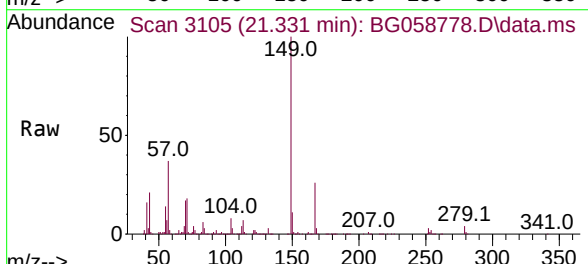
RT: 21.331 min Scan# 3105

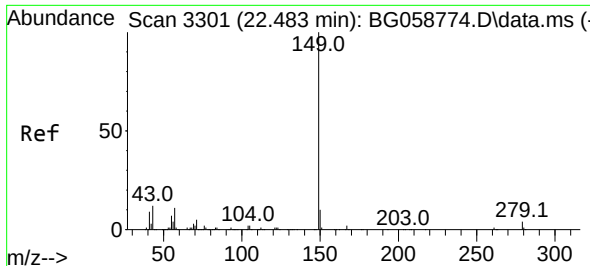
Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

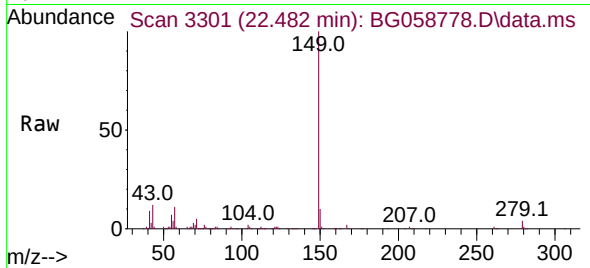
Tgt Ion:149	Resp: 300309
Ion Ratio	Lower Upper
149 100	
167 26.4	21.7 32.5
279 4.0	3.2 4.8





#85
Di-n-octyl phthalate
Concen: 41.860 ng
RT: 22.482 min Scan# 3301
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

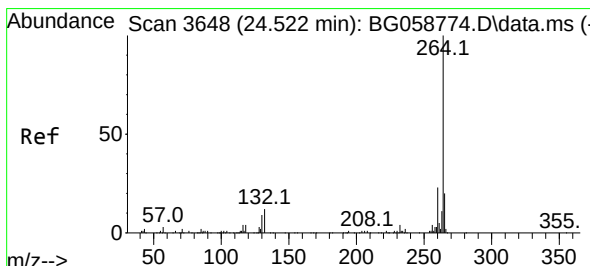
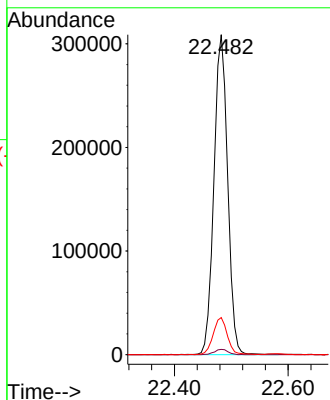
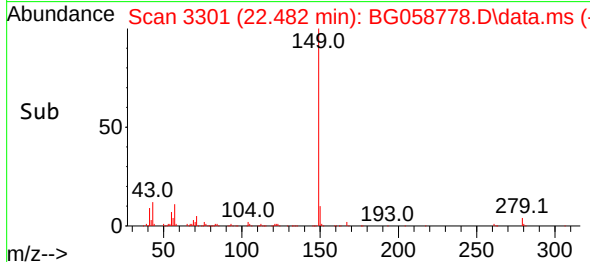
Instrument :
BNA_G
ClientSampleId :
ICVBG081823



Tgt Ion:149 Resp: 517137
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 9.7 14.5

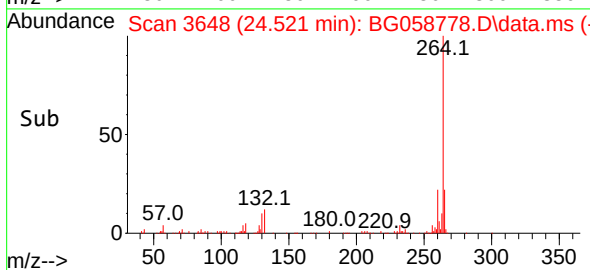
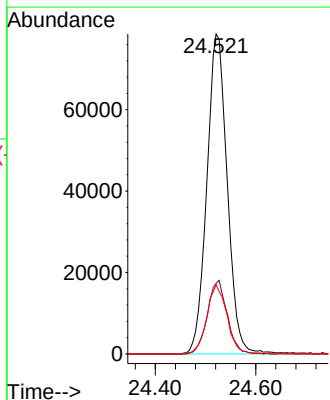
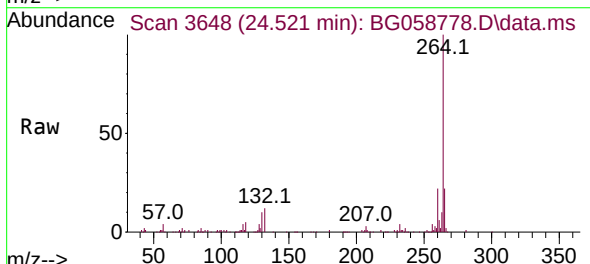
Manual Integrations
APPROVED

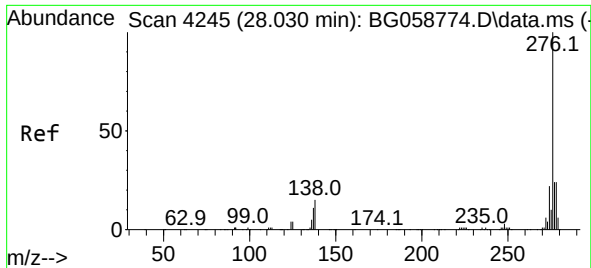
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

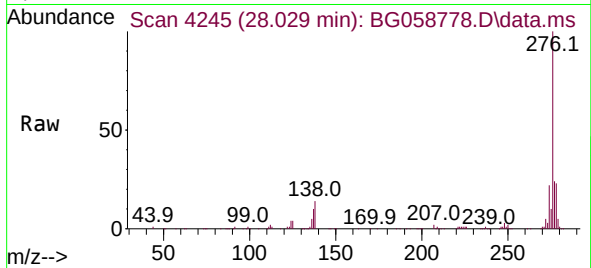
Tgt Ion:264 Resp: 221597
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.2
265 21.6 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.336 ng
 RT: 28.029 min Scan# 4245
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08

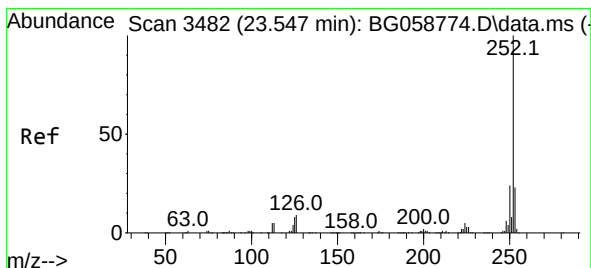
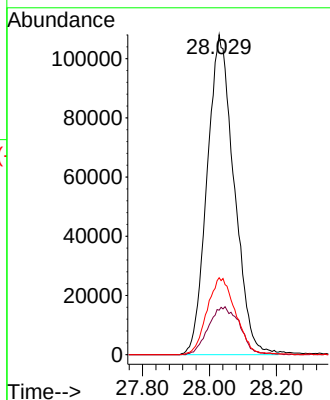
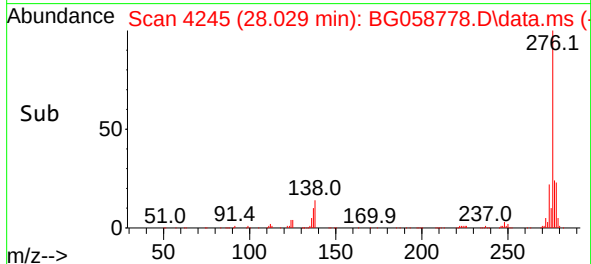
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG081823



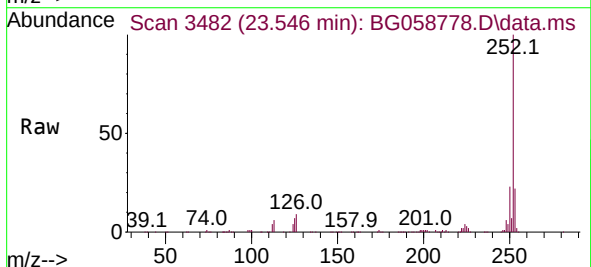
Tgt Ion:276 Resp: 604745
 Ion Ratio Lower Upper
 276 100
 138 17.2 6.2 9.2
 277 25.3 20.4 30.6

Manual Integrations
 APPROVED

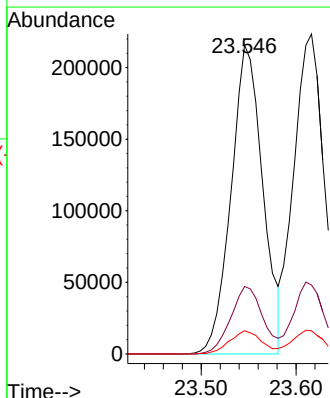
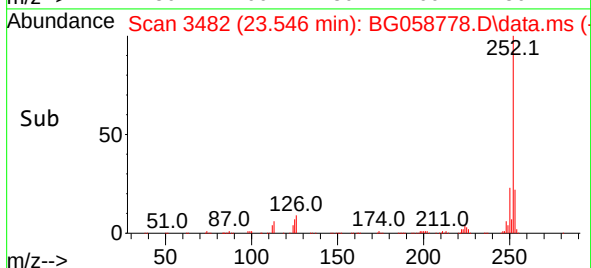
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

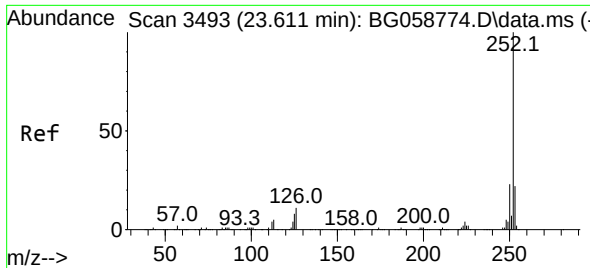


#88
 Benzo(b)fluoranthene
 Concen: 40.785 ng
 RT: 23.546 min Scan# 3482
 Delta R.T. -0.001 min
 Lab File: BG058778.D
 Acq: 18 Aug 2023 16:08



Tgt Ion:252 Resp: 501469
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.4 27.6
 125 7.5 6.2 9.2





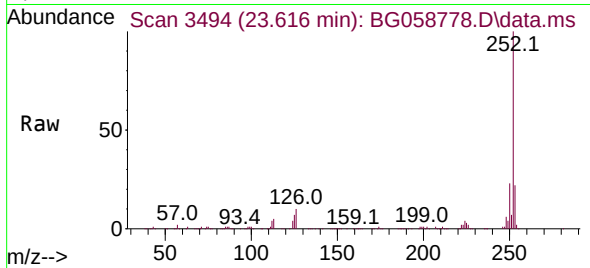
#89
Benzo(k)fluoranthene
Concen: 39.634 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.005 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

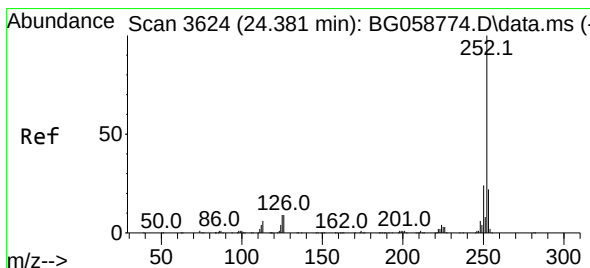
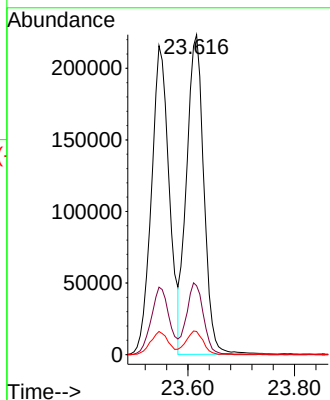
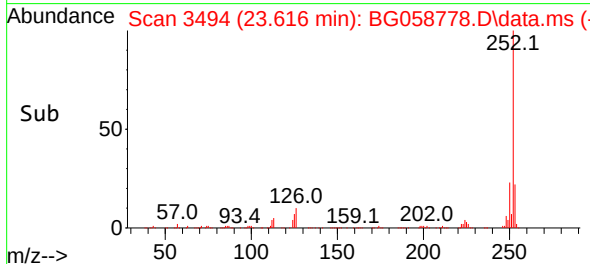


Tgt Ion:252 Resp: 502566
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 7.2 6.3 9.5

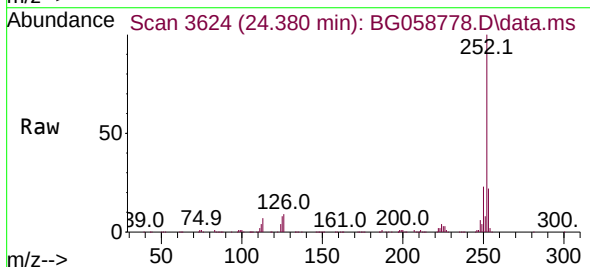
Manual Integrations

APPROVED

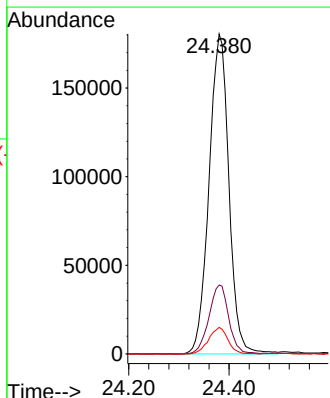
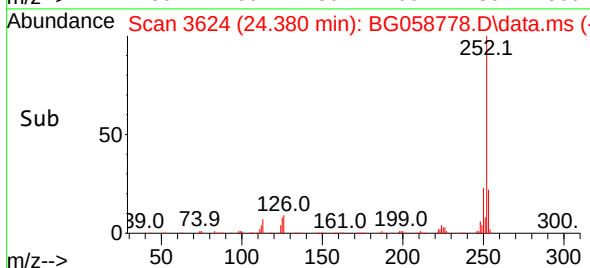
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

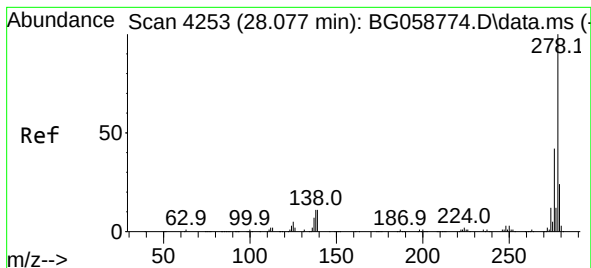


#90
Benzo(a)pyrene
Concen: 40.915 ng
RT: 24.380 min Scan# 3624
Delta R.T. -0.001 min
Lab File: BG058778.D
Acq: 18 Aug 2023 16:08



Tgt Ion:252 Resp: 495339
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.3 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 40.896 ng

RT: 28.076 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Instrument :

BNA_G

ClientSampleId :

ICVBG081823

Tgt Ion:278 Resp: 503819

Ion Ratio Lower Upper

278 100

139 11.7 8.9 13.3

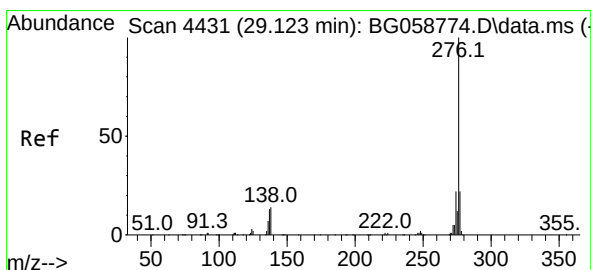
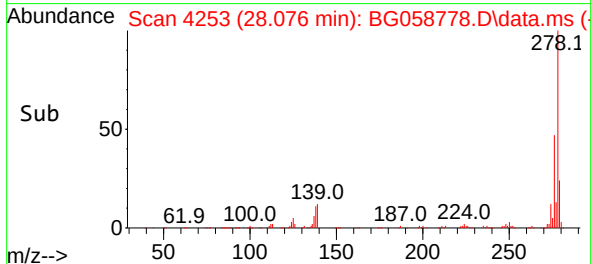
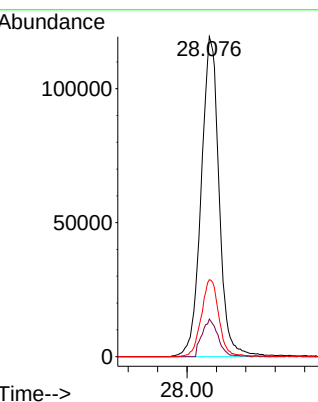
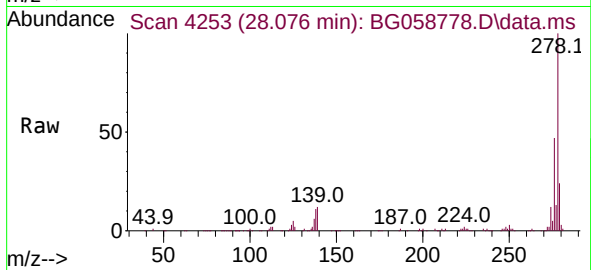
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#92

Benzo(g,h,i)perylene

Concen: 40.645 ng

RT: 29.116 min Scan# 4430

Delta R.T. -0.007 min

Lab File: BG058778.D

Acq: 18 Aug 2023 16:08

Tgt Ion:276 Resp: 500637

Ion Ratio Lower Upper

276 100

277 22.7 17.8 26.6

138 14.6 11.1 16.7

