

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057815.D
 Acq On : 22 Jun 2023 19:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:45:08 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	44223	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	189175	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	128900	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	308994	20.000	ng	0.00
76) Chrysene-d12	21.555	240	258249	20.000	ng	0.00
86) Perylene-d12	24.698	264	323967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	233838	81.531	ng	0.00
7) Phenol-d6	7.083	99	343041	78.387	ng	0.00
23) Nitrobenzene-d5	9.081	82	310028	84.111	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	157346	87.630	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	686684	80.801	ng	0.00
79) Terphenyl-d14	19.915	244	1104660	79.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	51640	39.554	ng	91
3) Pyridine	3.799	79	156521	39.363	ng	90
4) n-Nitrosodimethylamine	3.711	42	65313	35.948	ng	88
6) Aniline	7.248	93	215006	38.370	ng	97
8) 2-Chlorophenol	7.483	128	115300	39.078	ng	99
9) Benzaldehyde	7.060	77	90876	33.025	ng	98
10) Phenol	7.107	94	167739	38.929	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	130353	39.348	ng	94
12) 1,3-Dichlorobenzene	7.812	146	120618	40.169	ng	95
13) 1,4-Dichlorobenzene	7.959	146	121858	40.052	ng	94
14) 1,2-Dichlorobenzene	8.276	146	116287	39.500	ng	93
15) Benzyl Alcohol	8.159	79	125748	37.579	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	215587m	33.876	ng	
17) 2-Methylphenol	8.358	107	122900	38.780	ng	94
18) Hexachloroethane	9.005	117	43135	40.207	ng	95
19) n-Nitroso-di-n-propyla...	8.728	70	114219	37.436	ng	93
20) 3+4-Methylphenols	8.687	107	172105	39.315	ng	99
22) Acetophenone	8.746	105	206710	38.966	ng	# 97
24) Nitrobenzene	9.128	77	156290	40.741	ng	95
25) Isophorone	9.645	82	326298	38.748	ng	99
26) 2-Nitrophenol	9.833	139	66713	54.663	ng	97
27) 2,4-Dimethylphenol	9.892	122	120556	39.898	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	183266	40.411	ng	98
29) 2,4-Dichlorophenol	10.368	162	121846	42.464	ng	97
30) 1,2,4-Trichlorobenzene	10.585	180	130814	40.900	ng	97
31) Naphthalene	10.773	128	401636	39.891	ng	99
32) Benzoic acid	10.027	122	101871	45.791	ng	96
33) 4-Chloroaniline	10.885	127	185596	39.783	ng	94
34) Hexachlorobutadiene	11.061	225	78381	40.168	ng	96
35) Caprolactam	11.666	113	45290	38.897	ng	# 78
36) 4-Chloro-3-methylphenol	12.001	107	147112	39.257	ng	98
37) 2-Methylnaphthalene	12.383	142	291352	39.700	ng	98
38) 1-Methylnaphthalene	12.600	142	273566	39.488	ng	100
40) 1,2,4,5-Tetrachloroben...	12.747	216	147130	41.173	ng	99
41) Hexachlorocyclopentadiene	12.730	237	88766	46.789	ng	95
43) 2,4,6-Trichlorophenol	12.988	196	109815	42.918	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	126839	42.527	ng	97
46) 1,1'-Biphenyl	13.394	154	359442	40.612	ng	98
47) 2-Chloronaphthalene	13.435	162	275536	40.523	ng	99
48) 2-Nitroaniline	13.634	65	108644	44.962	ng	94
49) Acenaphthylene	14.281	152	471808	40.426	ng	98
50) Dimethylphthalate	14.011	163	395925	39.991	ng	99
51) 2,6-Dinitrotoluene	14.128	165	83824	45.979	ng	95
52) Acenaphthene	14.622	154	295341m	40.877	ng	
53) 3-Nitroaniline	14.457	138	93602	45.559	ng	94
54) 2,4-Dinitrophenol	14.663	184	46313	49.913	ng	99
55) Dibenzofuran	14.956	168	461543	39.728	ng	99
56) 4-Nitrophenol	14.763	139	76206	46.672	ng	89
57) 2,4-Dinitrotoluene	14.915	165	118697	48.011	ng	94
58) Fluorene	15.603	166	363045	39.478	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.180	232	108346	42.626	ng	98
60) Diethylphthalate	15.374	149	404400	39.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	195721	40.026	ng	96
62) 4-Nitroaniline	15.626	138	92795	44.303	ng	96
63) Azobenzene	15.891	77	398780	38.383	ng	97
65) 4,6-Dinitro-2-methylph...	15.679	198	68339	48.128	ng	91
66) n-Nitrosodiphenylamine	15.808	169	323300	39.643	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	131446	40.112	ng	96
68) Hexachlorobenzene	16.602	284	136381	40.824	ng	98
69) Atrazine	16.760	200	110492	39.469	ng	96
70) Pentachlorophenol	16.948	266	109332	44.300	ng	96
71) Phenanthrene	17.342	178	585285	39.121	ng	99
72) Anthracene	17.430	178	600218	39.289	ng	99
73) Carbazole	17.700	167	558985	39.684	ng	99
74) Di-n-butylphthalate	18.264	149	696748	41.775	ng	100
75) Fluoranthene	19.351	202	708129	39.731	ng	99
77) Benzidine	19.533	184	271735	44.888	ng	98
78) Pyrene	19.716	202	724061	39.304	ng	100
80) Butylbenzylphthalate	20.603	149	303101	43.251	ng	97
81) Benzo(a)anthracene	21.531	228	714655	40.334	ng	100
82) 3,3'-Dichlorobenzidine	21.455	252	256060	42.490	ng	99
83) Chrysene	21.596	228	675976	39.754	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	436017	42.853	ng	99
85) Di-n-octyl phthalate	22.636	149	780606	43.741	ng	98
87) Indeno(1,2,3-cd)pyrene	28.288	276	870260	41.086	ng	99
88) Benzo(b)fluoranthene	23.705	252	715840	40.322	ng	98
89) Benzo(k)fluoranthene	23.770	252	728209	40.275	ng	100
90) Benzo(a)pyrene	24.557	252	711991	40.836	ng	99
91) Dibenzo(a,h)anthracene	28.353	278	731576	41.627	ng	99
92) Benzo(g,h,i)perylene	29.410	276	720525	40.946	ng	98

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

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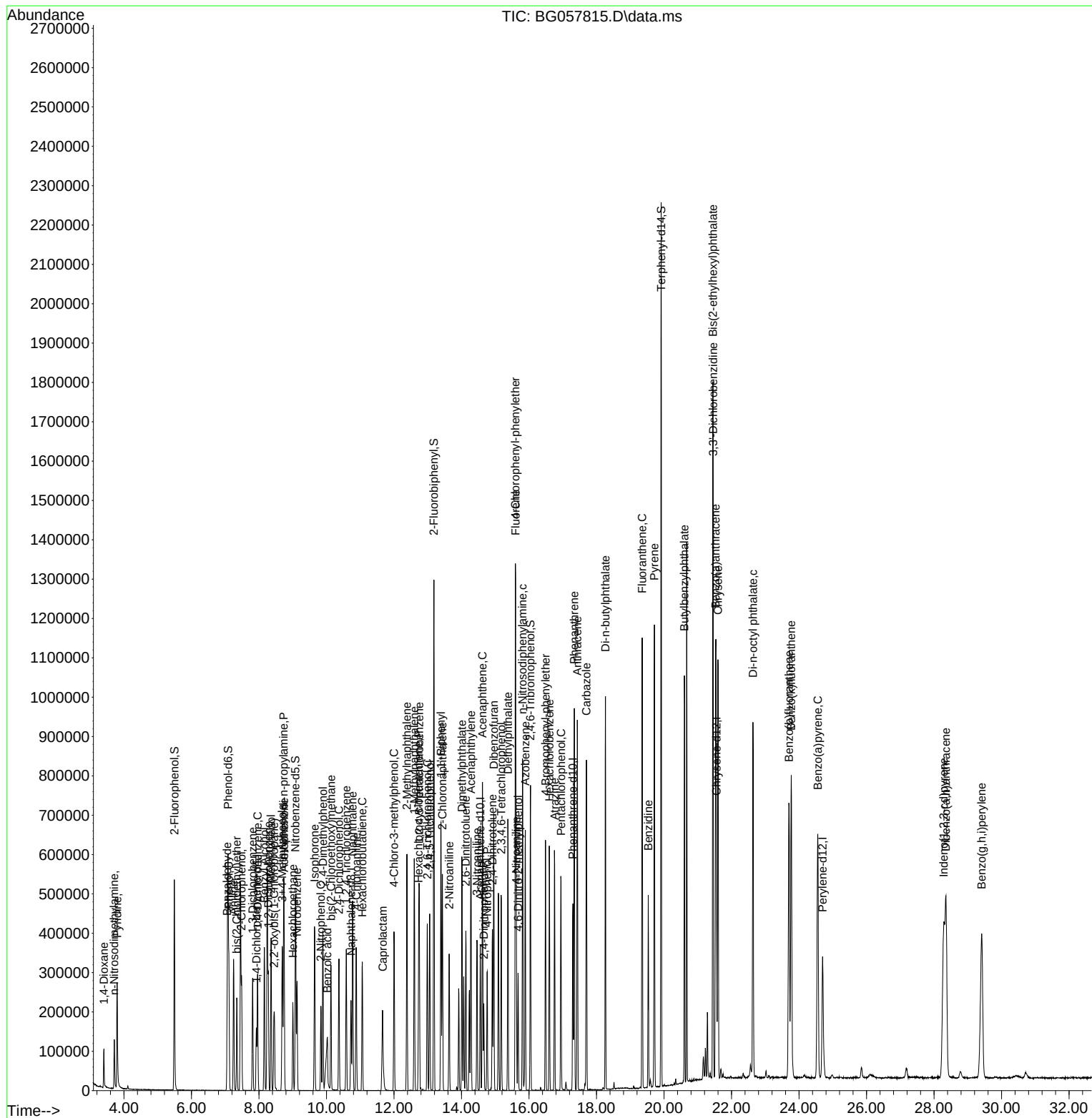
Manual Integrations

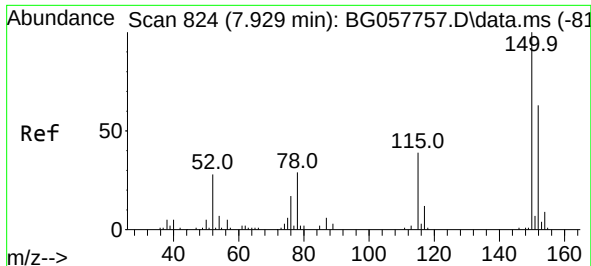
APPROVED

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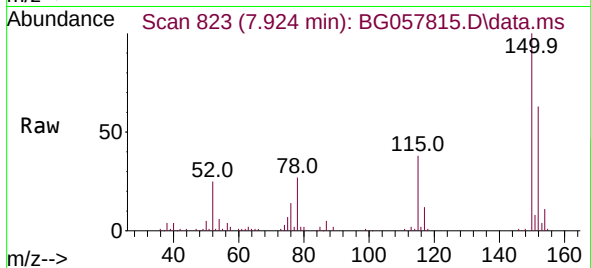
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

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ClientSampleId :

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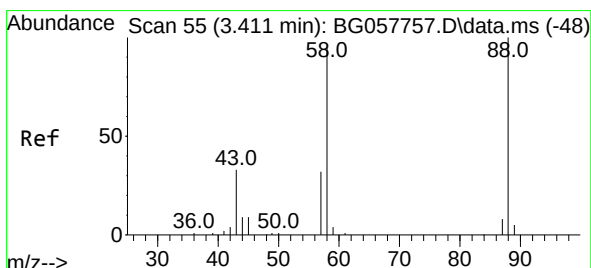
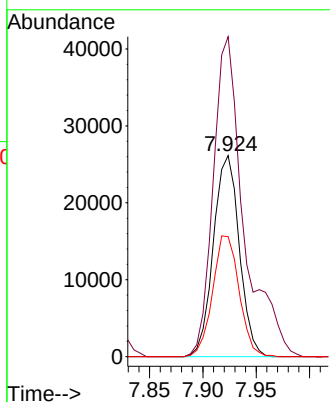
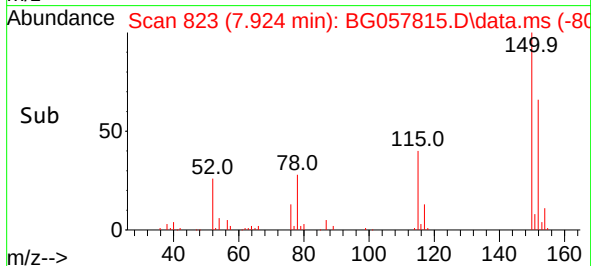


Tgt Ion:152 Resp: 4422
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 59.7 48.9 73.3

Manual Integrations

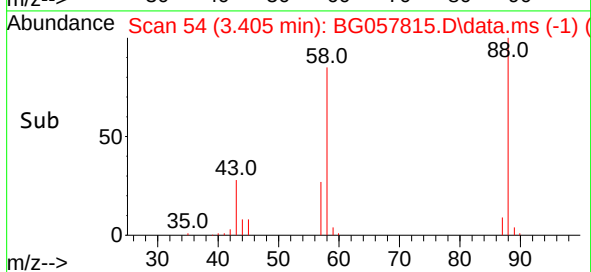
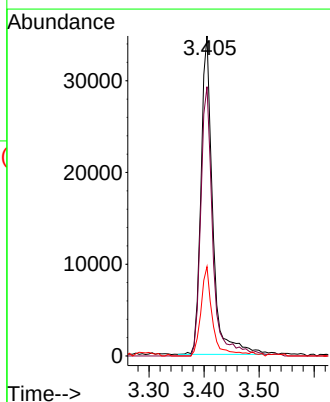
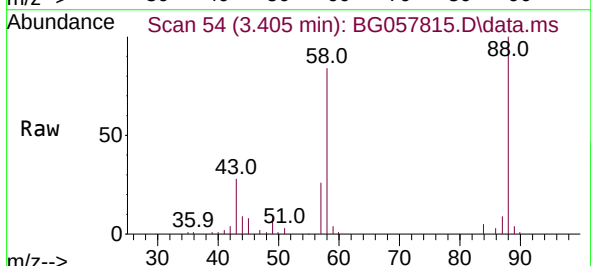
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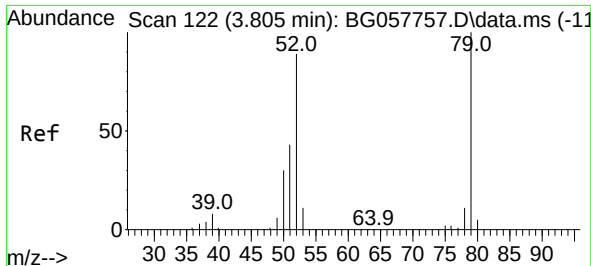
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 39.554 ng
RT: 3.405 min Scan# 54
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion: 88 Resp: 51640
Ion Ratio Lower Upper
88 100
58 86.6 76.2 114.4
43 27.6 26.3 39.5





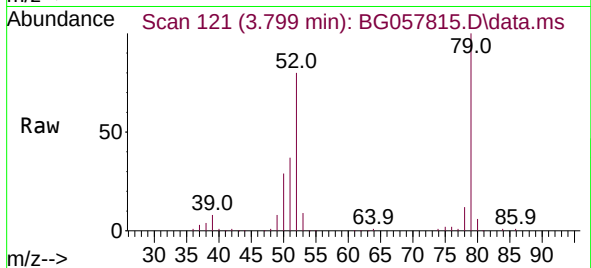
#3
Pyridine
Concen: 39.363 ng
RT: 3.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

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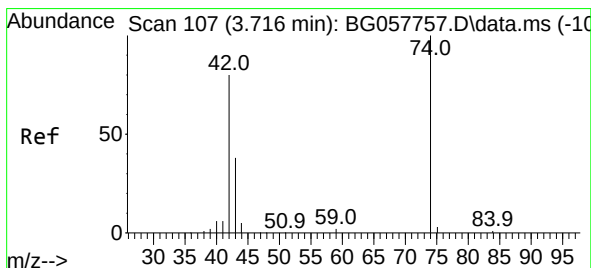
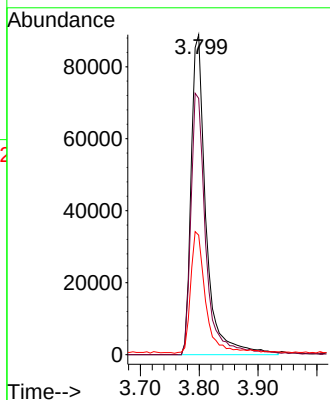
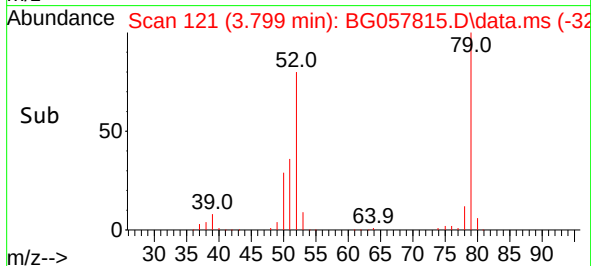


Tgt Ion: 79 Resp: 15652
Ion Ratio Lower Upper
79 100
52 80.1 71.4 107.0
51 37.3 34.9 52.3

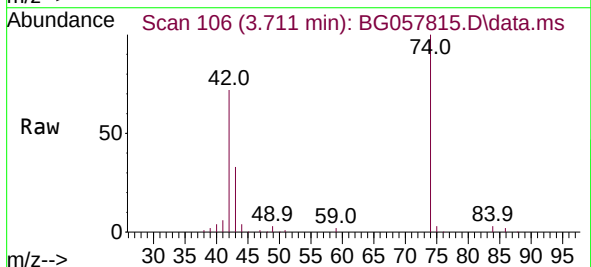
Manual Integrations

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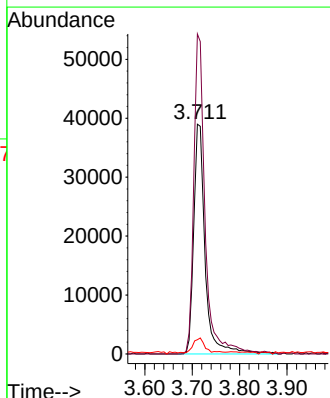
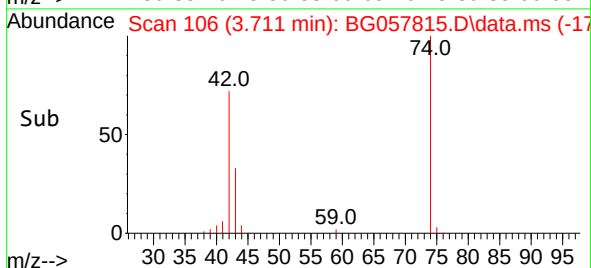
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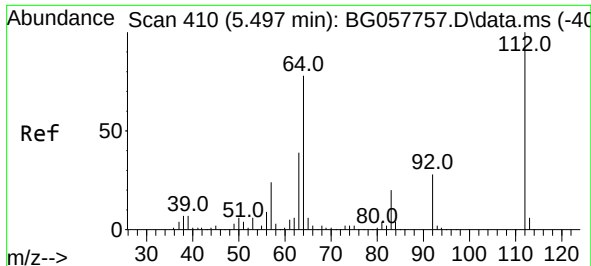


#4
n-Nitrosodimethylamine
Concen: 35.948 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.005 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion: 42 Resp: 65313
Ion Ratio Lower Upper
42 100
74 139.3 99.9 149.9
44 6.2 6.0 9.0





#5
2-Fluorophenol
Concen: 81.531 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

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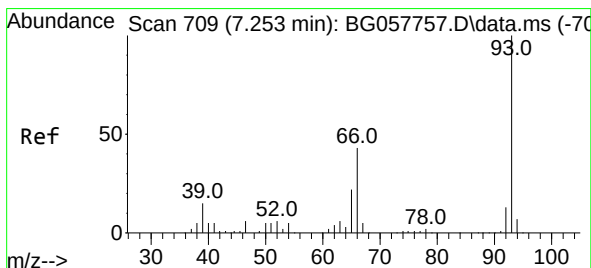
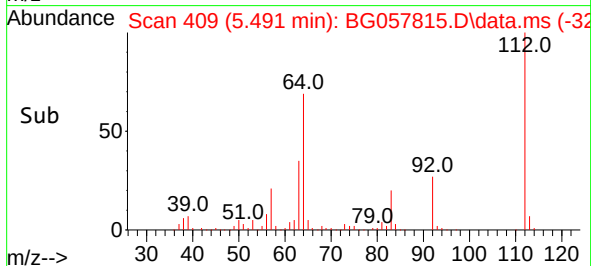
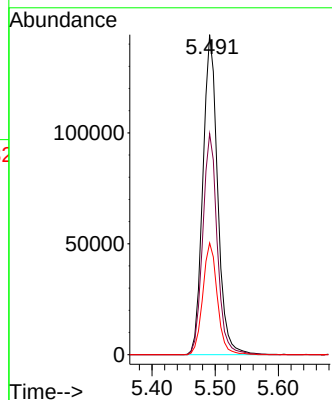
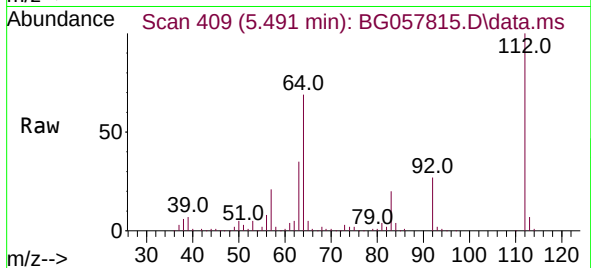
Tgt Ion:112 Resp: 233838
Ion Ratio Lower Upper
112 100
64 69.0 62.1 93.1
63 34.9 31.5 47.3

Manual Integrations

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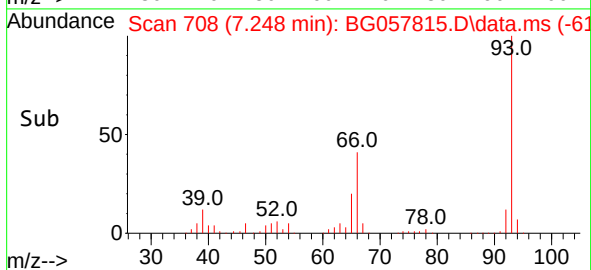
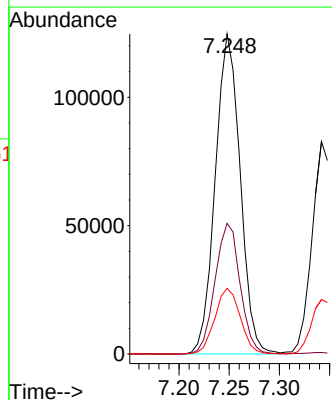
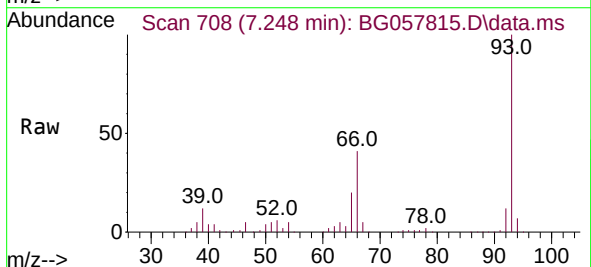
Reviewed By :Yogesh Patel 06/23/2023

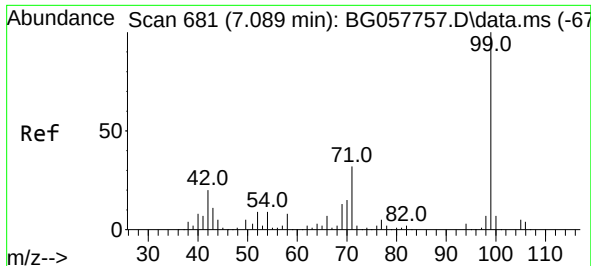
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 38.370 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.005 min
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Tgt Ion: 93 Resp: 215006
Ion Ratio Lower Upper
93 100
66 40.8 34.5 51.7
65 20.5 17.4 26.2





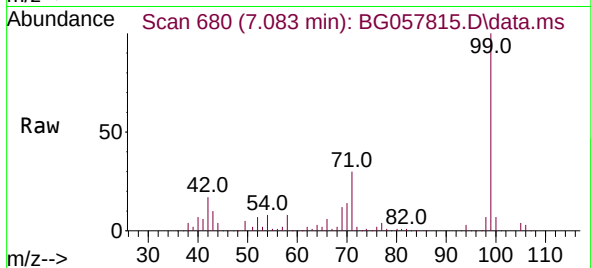
#7
Phenol-d6
Concen: 78.387 ng
RT: 7.083 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

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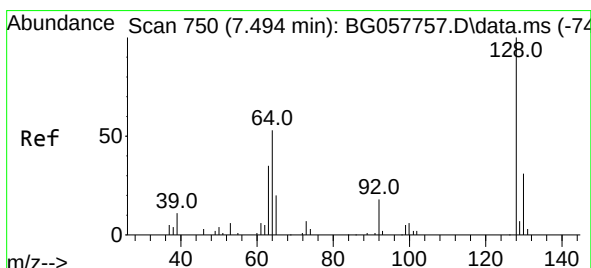
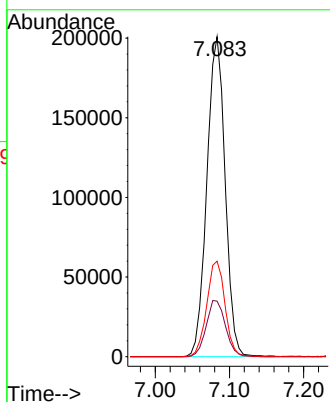
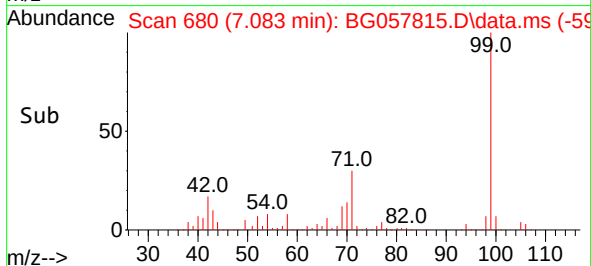


Tgt Ion: 99 Resp: 34304
Ion Ratio Lower Upper
99 100
42 17.3 16.4 24.6
71 29.8 25.8 38.6

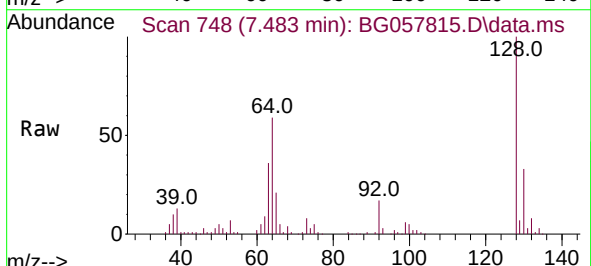
Manual Integrations

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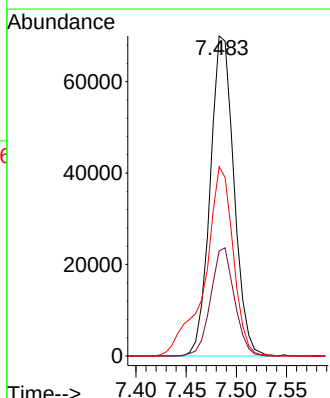
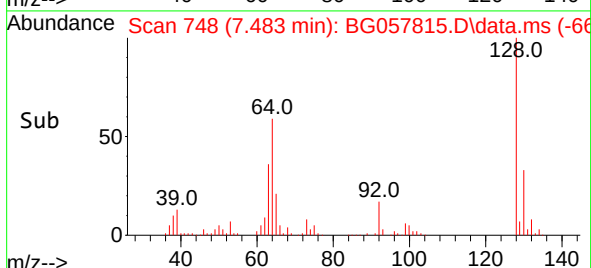
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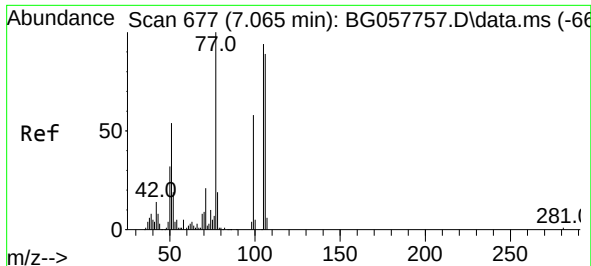


#8
2-Chlorophenol
Concen: 39.078 ng
RT: 7.483 min Scan# 748
Delta R.T. -0.011 min
Lab File: BG057815.D
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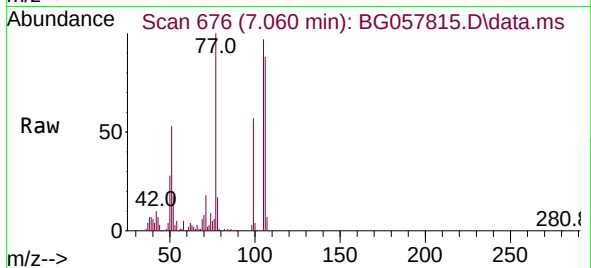
Tgt Ion:128 Resp: 115300
Ion Ratio Lower Upper
128 100
130 32.8 10.6 50.6
64 59.1 39.1 79.1





#9
Benzaldehyde
Concen: 33.025 ng
RT: 7.060 min Scan# 61
Delta R.T. -0.005 min
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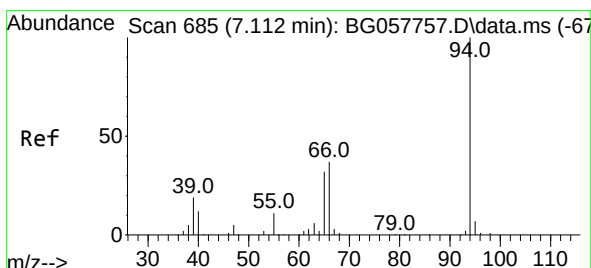
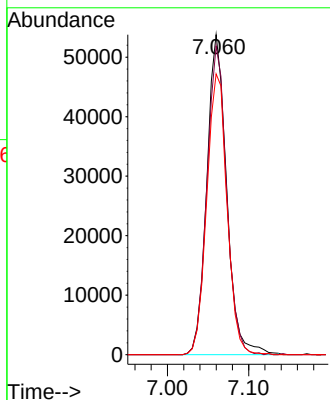
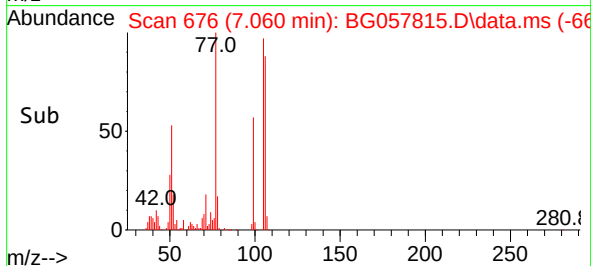
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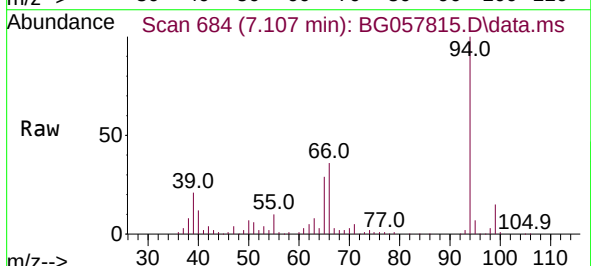
Tgt Ion: 77 Resp: 90870
Ion Ratio Lower Upper
77 100
105 96.5 73.7 113.7
106 87.8 69.0 109.0

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APPROVED

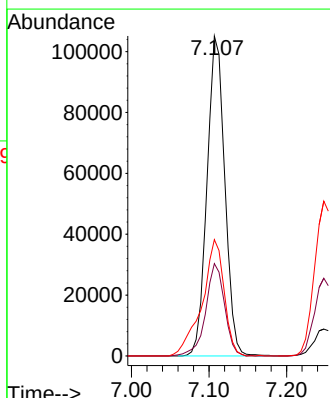
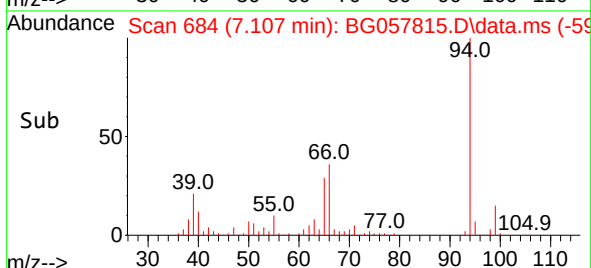
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

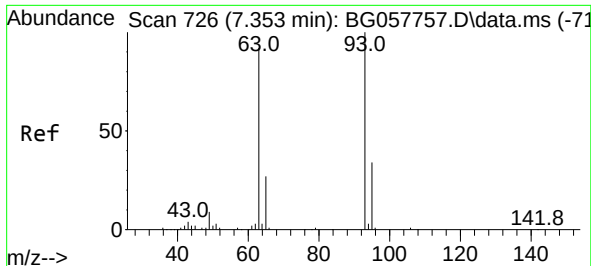


#10
Phenol
Concen: 38.929 ng
RT: 7.107 min Scan# 684
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion: 94 Resp: 167739
Ion Ratio Lower Upper
94 100
65 28.9 12.2 52.2
66 36.4 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 39.348 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

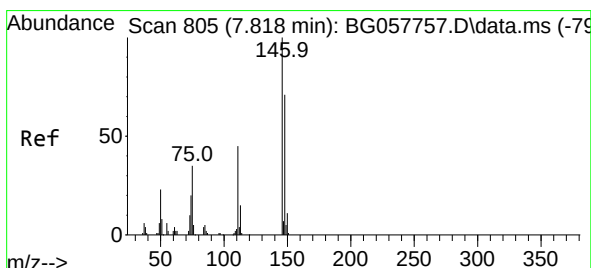
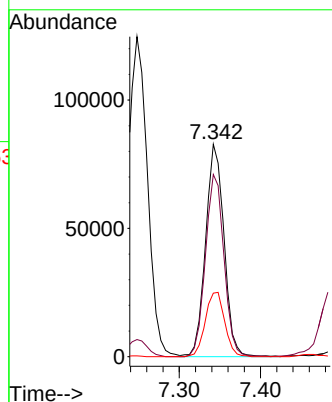
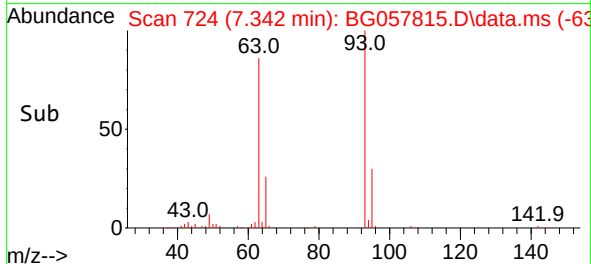
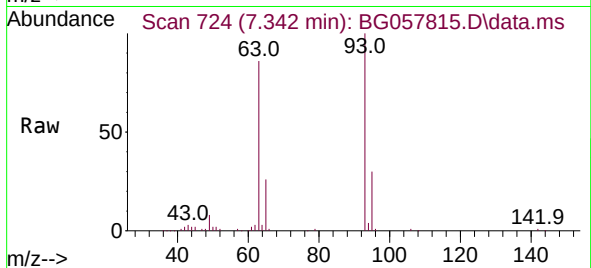
SSTDCCC040

Tgt Ion: 93 Resp: 13035
Ion Ratio Lower Upper
93 100
63 85.8 71.2 111.2
95 29.9 14.2 54.2

Manual Integrations

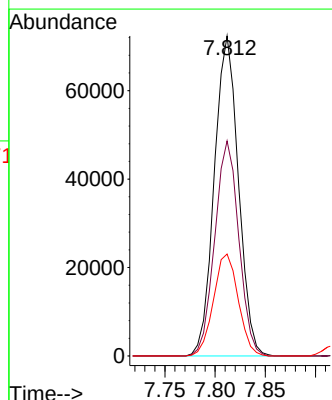
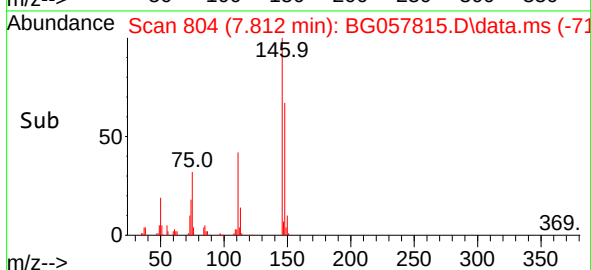
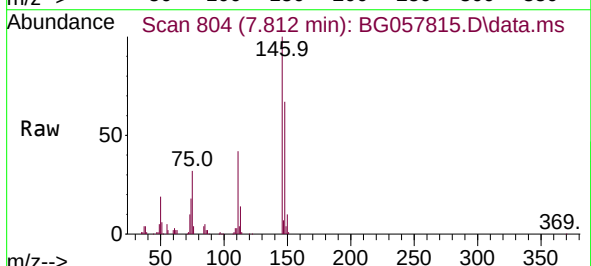
APPROVED

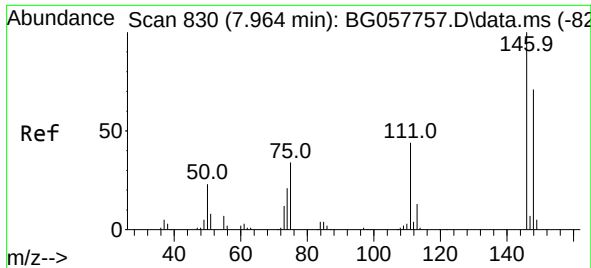
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 40.169 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

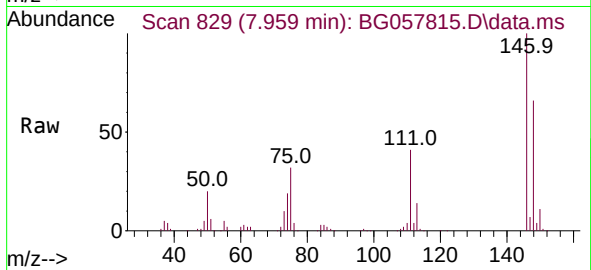
Tgt Ion:146 Resp: 120618
Ion Ratio Lower Upper
146 100
148 67.2 57.0 85.6
75 31.9 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 40.052 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

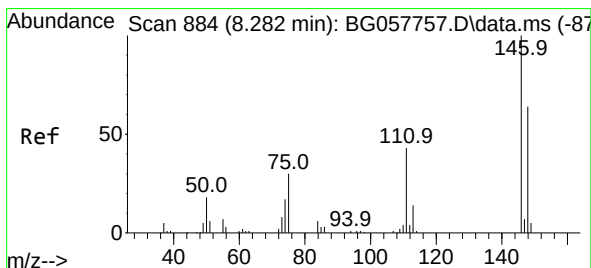
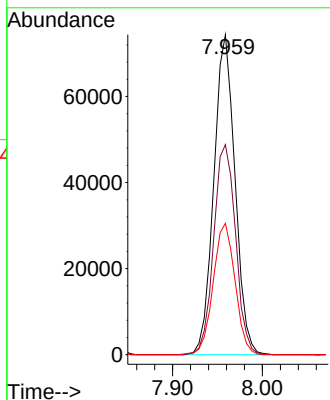
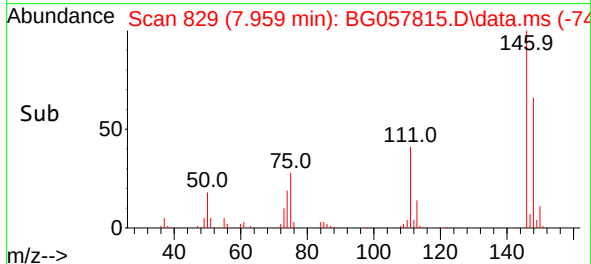
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



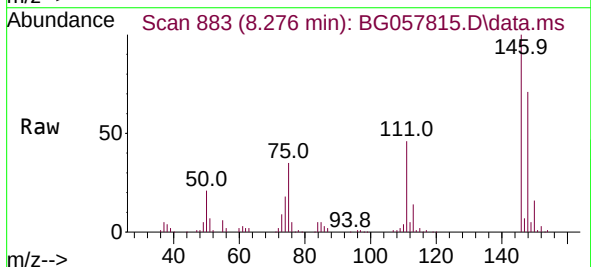
Tgt Ion:146 Resp: 12185
Ion Ratio Lower Upper
146 100
148 65.7 57.0 85.4
111 41.1 35.1 52.7

Manual Integrations
APPROVED

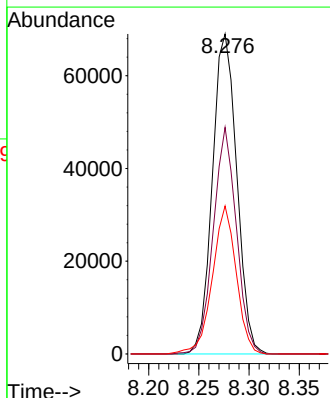
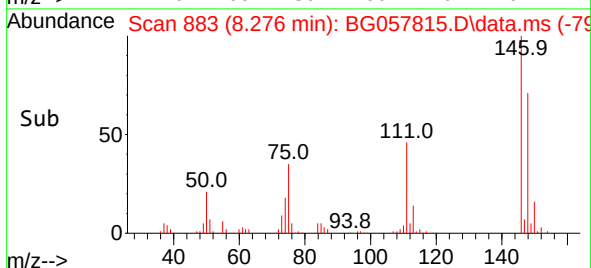
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

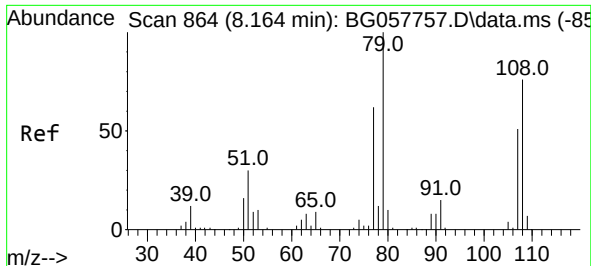


#14
1,2-Dichlorobenzene
Concen: 39.500 ng
RT: 8.276 min Scan# 883
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:146 Resp: 116287
Ion Ratio Lower Upper
146 100
148 70.8 51.0 76.6
111 46.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 37.579 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

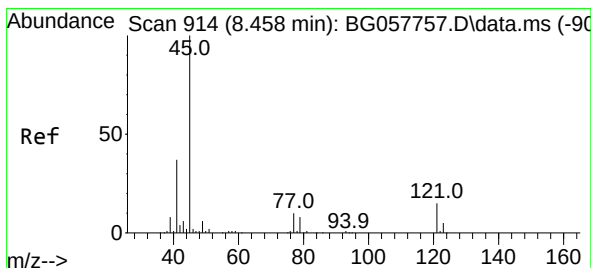
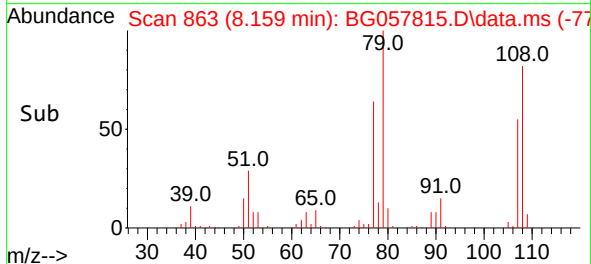
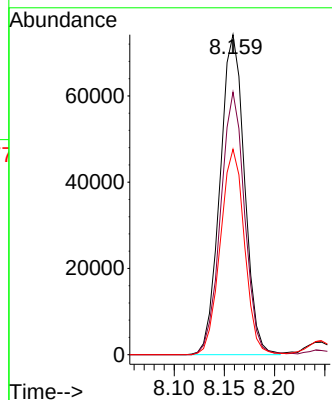
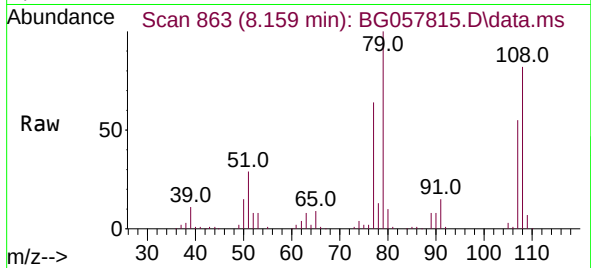
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 125748
Ion Ratio Lower Upper
79 100
108 82.0 60.5 90.7
77 64.2 49.3 73.9

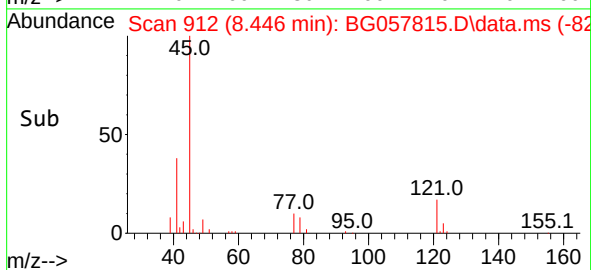
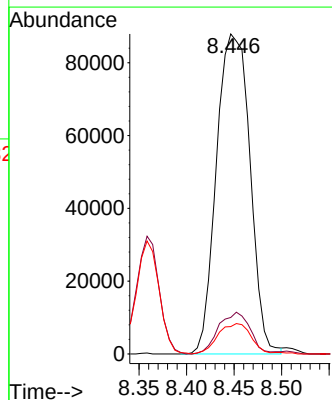
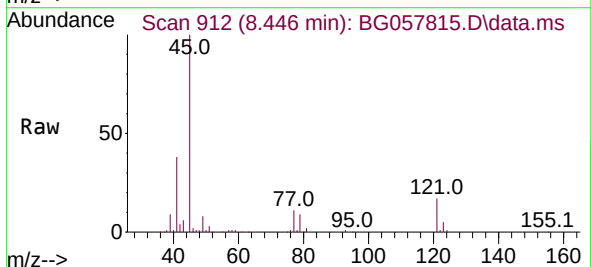
Manual Integrations
APPROVED

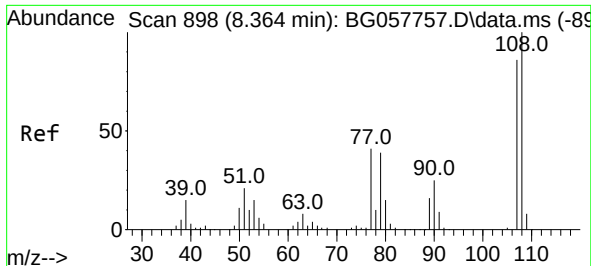
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.876 ng m
RT: 8.446 min Scan# 912
Delta R.T. -0.012 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion: 45 Resp: 215587
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.6
79 8.6 0.0 28.3





#17
2-Methylphenol
Concen: 38.780 ng
RT: 8.358 min Scan# 89
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

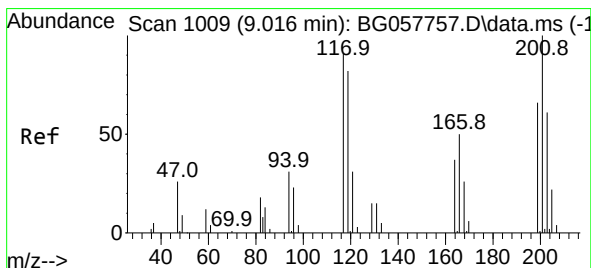
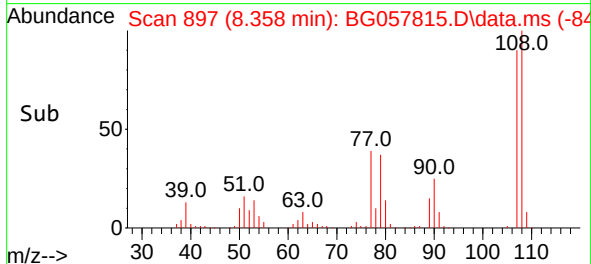
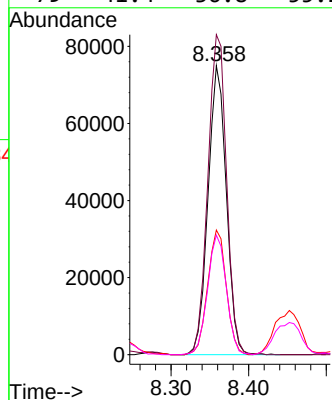
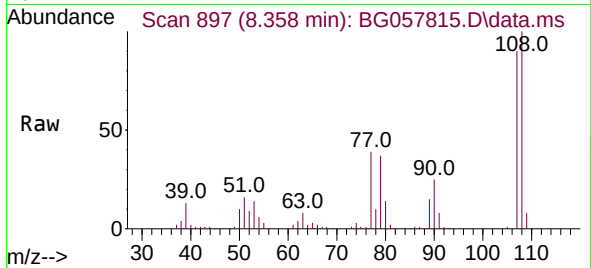
ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 122900
Ion Ratio Lower Upper
107 100
108 110.7 93.2 139.8
77 43.1 37.8 56.8
79 41.4 36.8 55.2

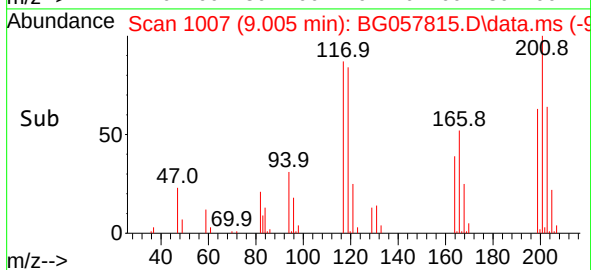
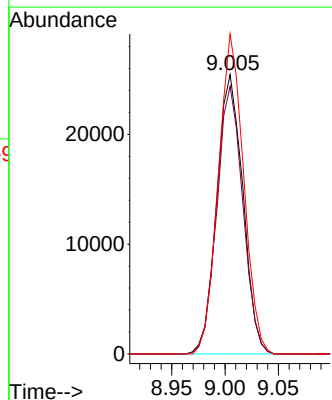
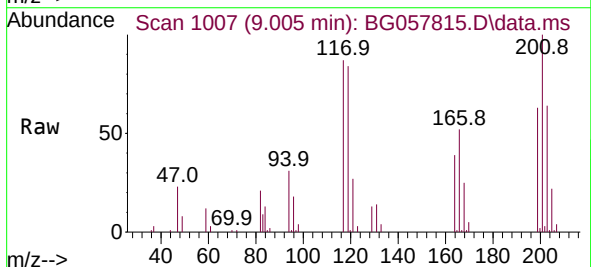
Manual Integrations
APPROVED

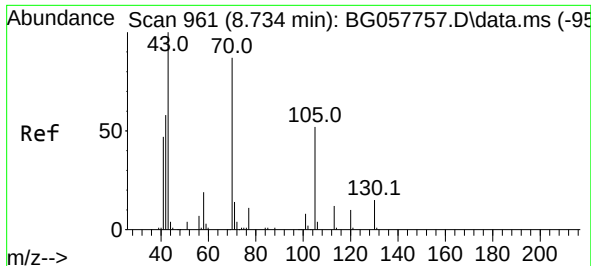
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 40.207 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:117 Resp: 43135
Ion Ratio Lower Upper
117 100
119 95.9 72.3 108.5
201 114.6 87.8 131.8





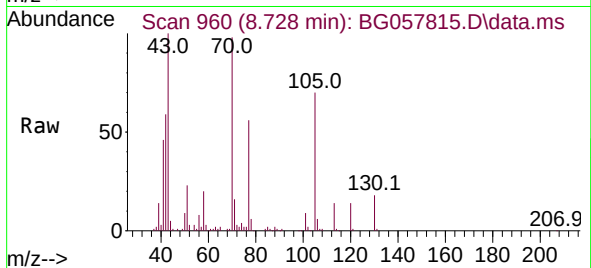
#19
n-Nitroso-di-n-propylamine
Concen: 37.436 ng
RT: 8.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

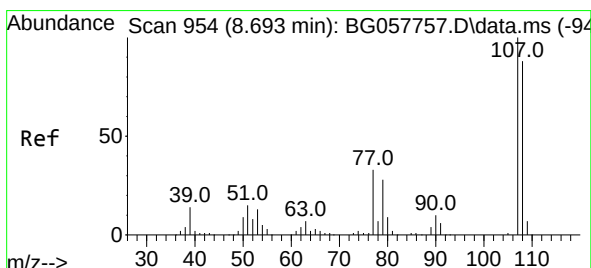
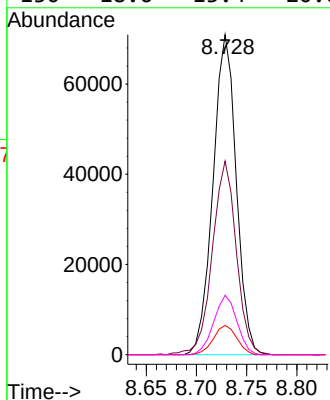
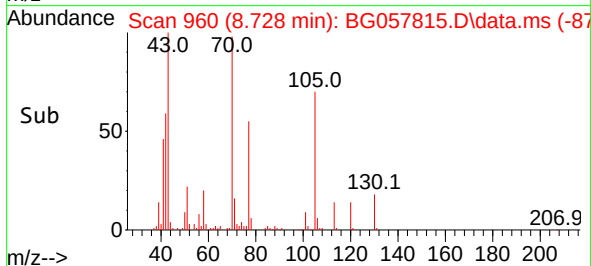


Tgt Ion: 70 Resp: 114219
Ion Ratio Lower Upper
70 100
42 60.5 54.2 81.2
101 9.1 7.4 11.0
130 18.6 13.4 20.0

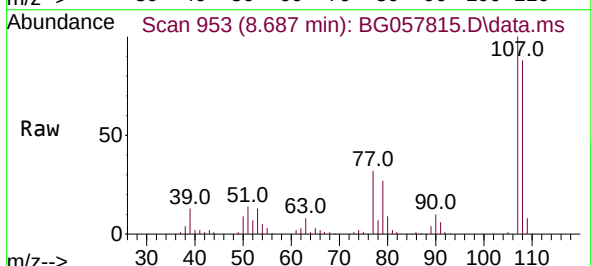
Manual Integrations

APPROVED

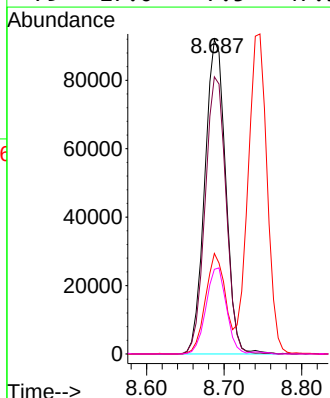
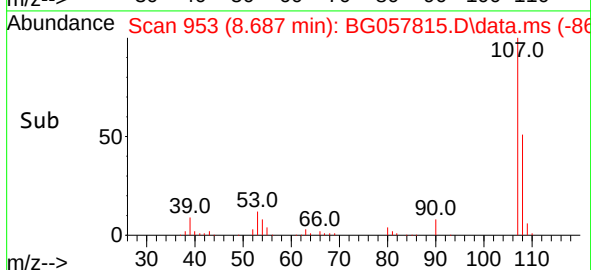
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

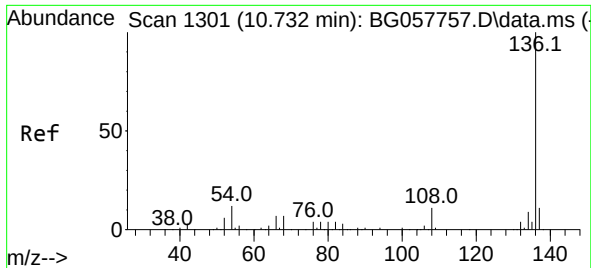


#20
3+4-Methylphenols
Concen: 39.315 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:107 Resp: 172105
Ion Ratio Lower Upper
107 100
108 88.2 67.7 107.7
77 32.0 13.3 53.3
79 27.0 7.5 47.5





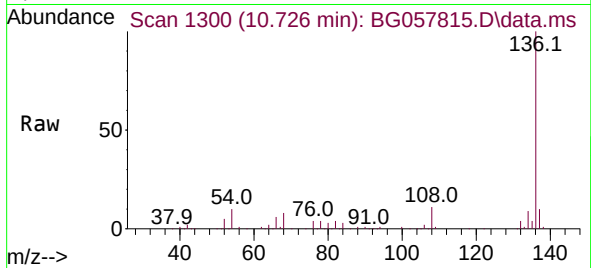
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



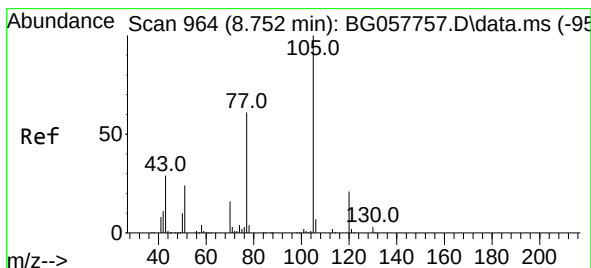
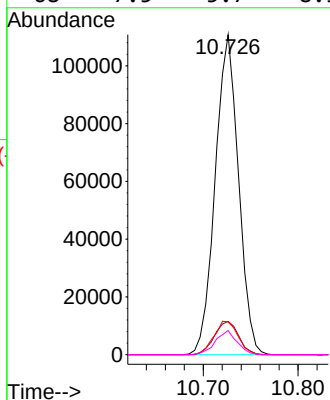
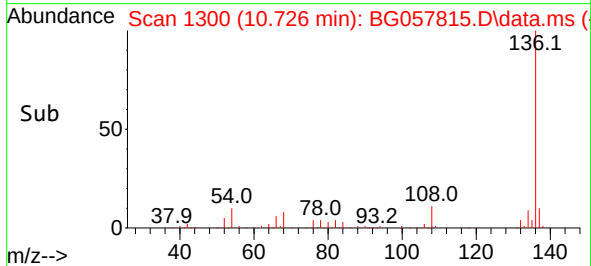
Tgt Ion:136 Resp: 189179
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.3 9.5 14.3
68 7.5 5.7 8.5

Manual Integrations

APPROVED

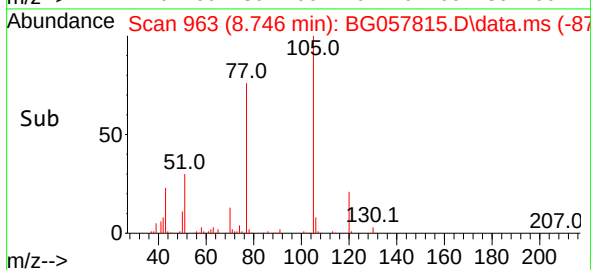
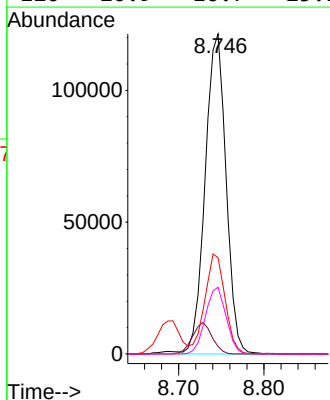
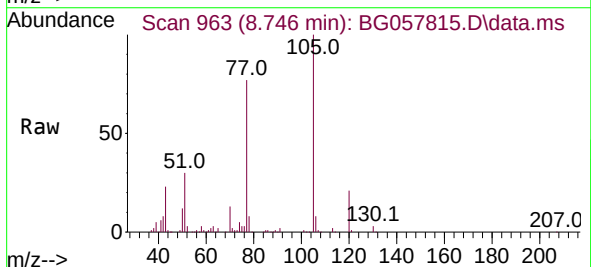
Reviewed By :Yogesh Patel 06/23/2023

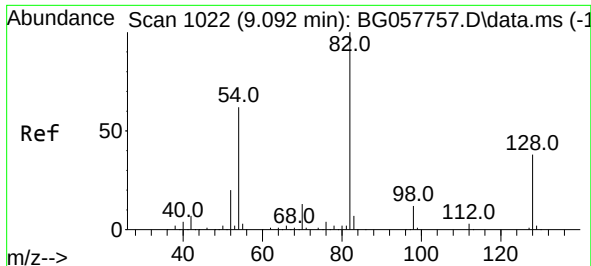
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 38.966 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:105 Resp: 206710
Ion Ratio Lower Upper
105 100
71 2.4 2.4 3.6#
51 30.1 25.9 38.9
120 20.9 16.7 25.1





#23
Nitrobenzene-d5
Concen: 84.111 ng
RT: 9.081 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

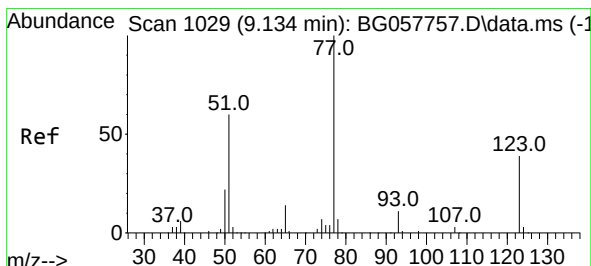
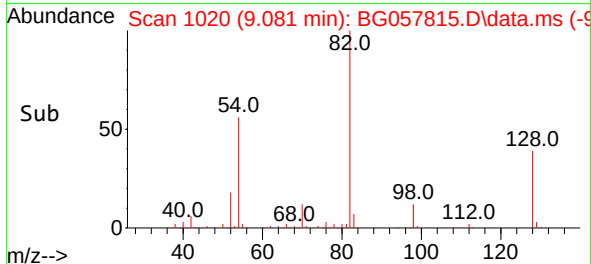
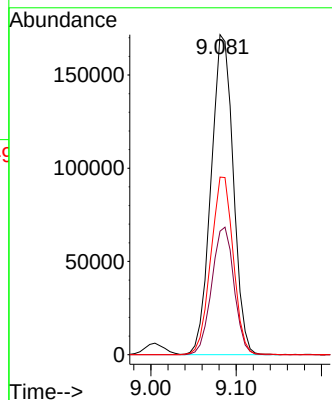
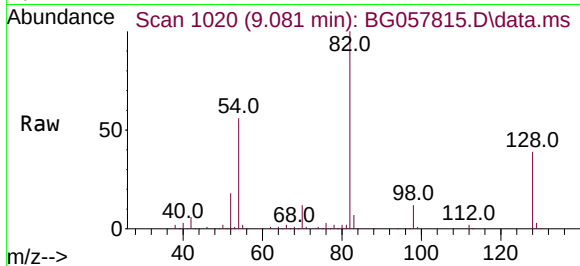
SSTDCCC040

Tgt Ion: 82 Resp: 310028
Ion Ratio Lower Upper
82 100
128 38.6 30.7 46.1
54 55.5 49.6 74.4

Manual Integrations

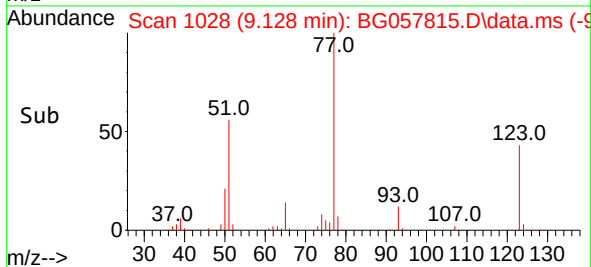
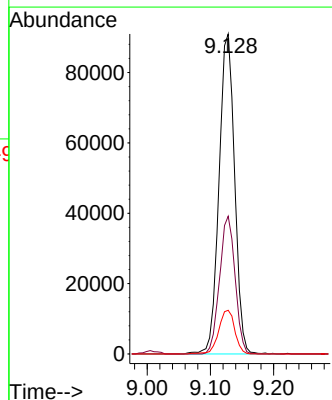
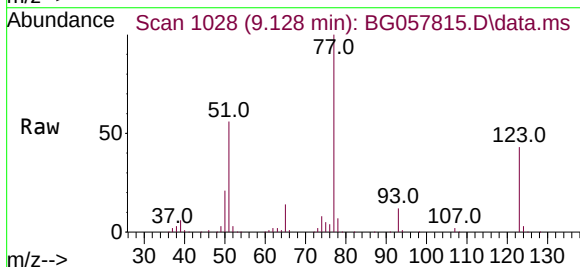
APPROVED

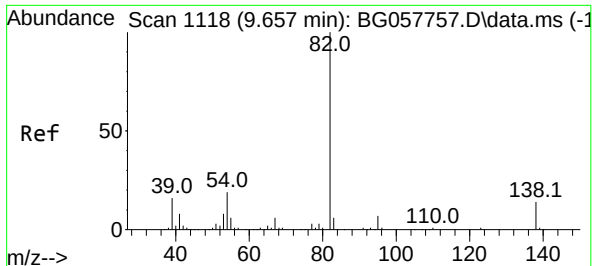
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#24
Nitrobenzene
Concen: 40.741 ng
RT: 9.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion: 77 Resp: 156290
Ion Ratio Lower Upper
77 100
123 43.1 31.4 47.2
65 13.7 11.2 16.8





#25
Isophorone
Concen: 38.748 ng
RT: 9.645 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

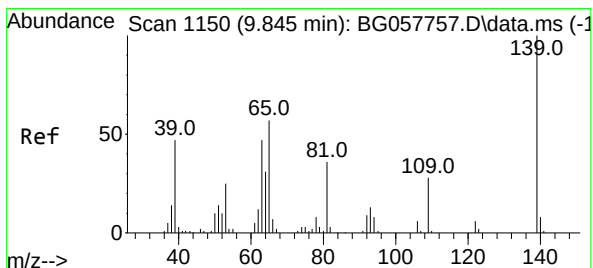
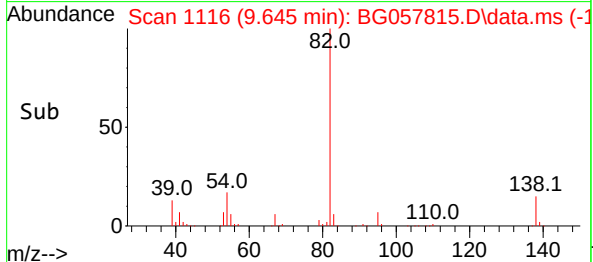
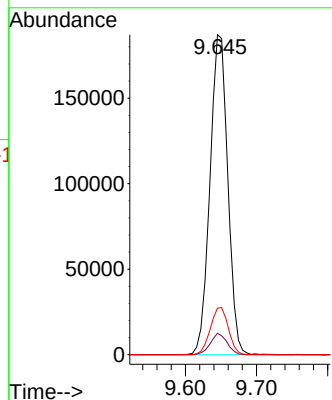
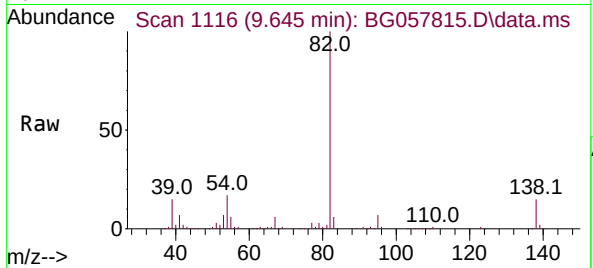
SSTDCCC040

Tgt Ion: 82 Resp: 326298
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 14.6 11.1 16.7

Manual Integrations

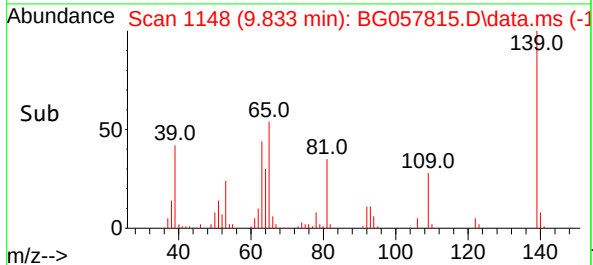
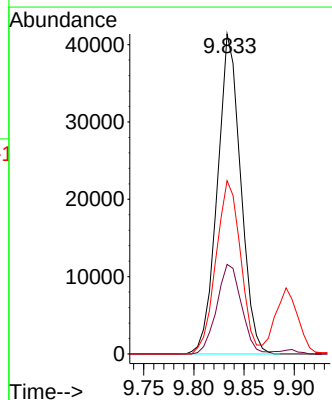
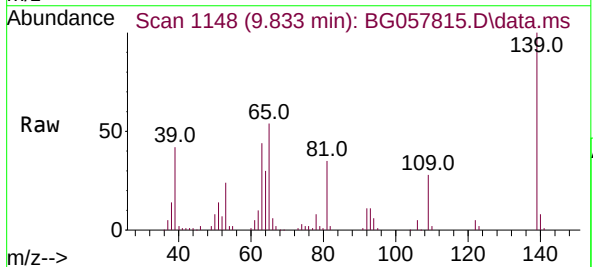
APPROVED

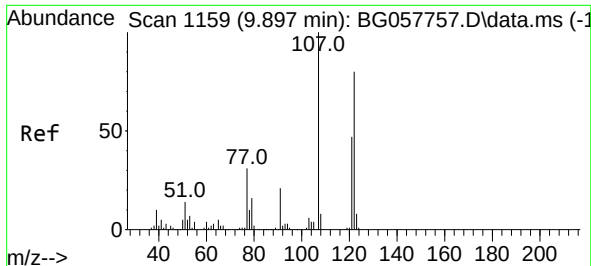
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 54.663 ng
RT: 9.833 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:139 Resp: 66713
Ion Ratio Lower Upper
139 100
109 28.0 22.5 33.7
65 54.1 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 39.898 ng

RT: 9.892 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BG057815.D

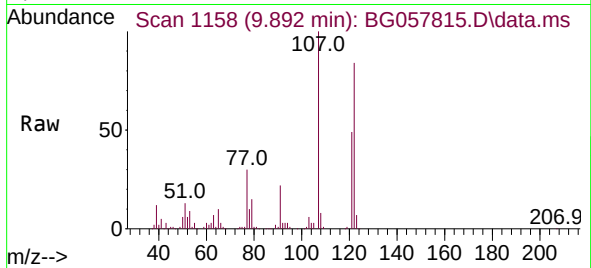
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



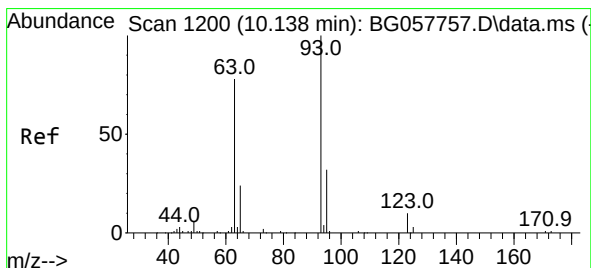
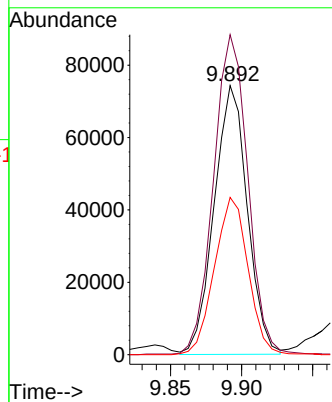
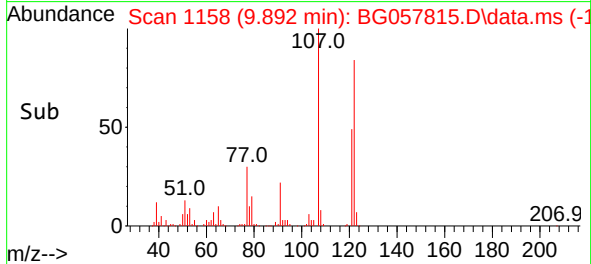
Tgt Ion:	122	Resp:	120550
Ion Ratio	Lower	Upper	
122	100		
107	118.9	98.9	148.3
121	58.5	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.411 ng

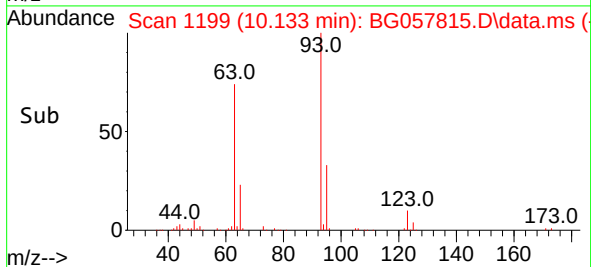
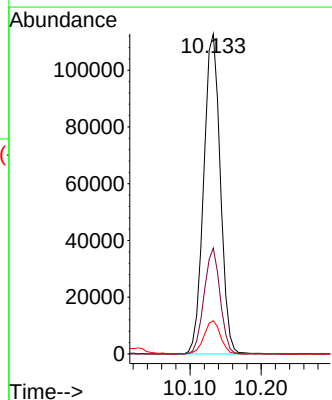
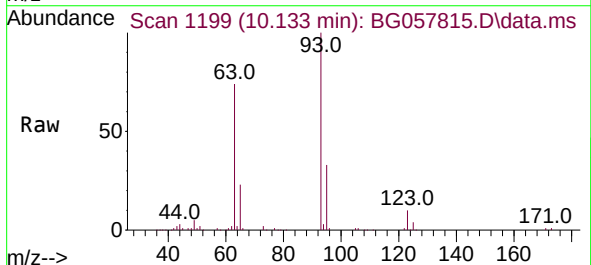
RT: 10.133 min Scan# 1199

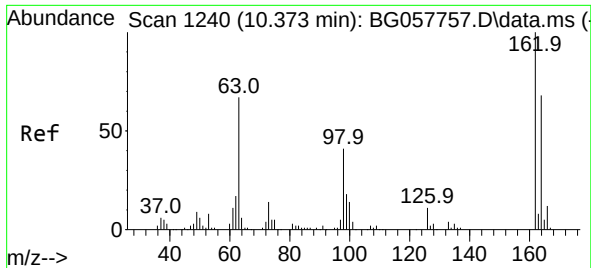
Delta R.T. -0.006 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

Tgt Ion:	93	Resp:	183266
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.6	38.4
123	10.4	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 42.464 ng

RT: 10.368 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BG057815.D

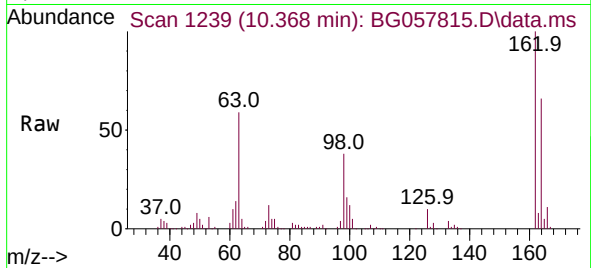
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 121840

Ion Ratio Lower Upper

162 100

164 66.4 48.2 88.2

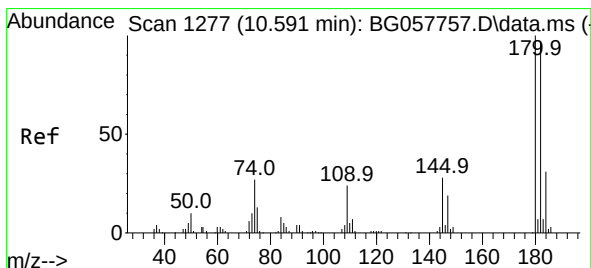
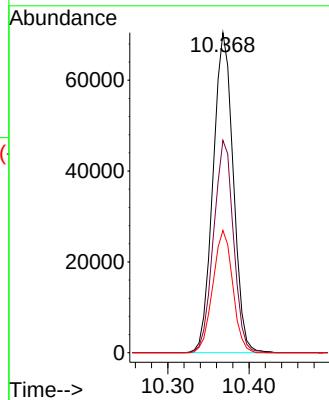
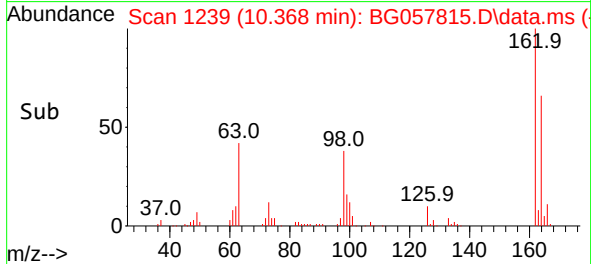
98 38.2 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.900 ng

RT: 10.585 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

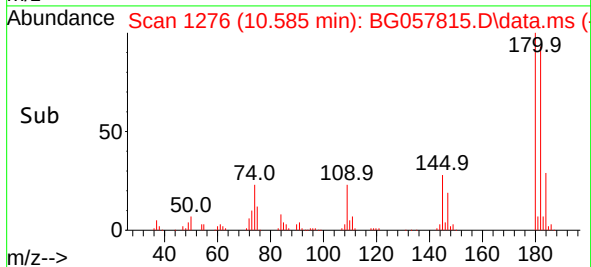
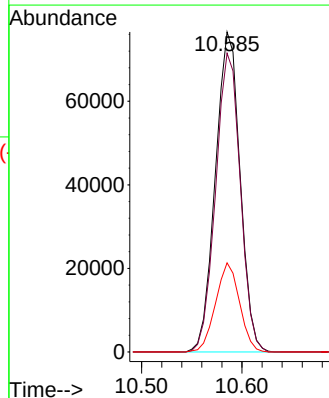
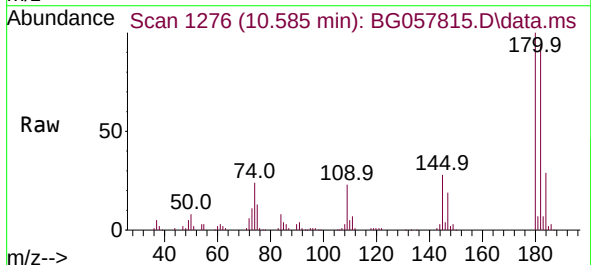
Tgt Ion:180 Resp: 130814

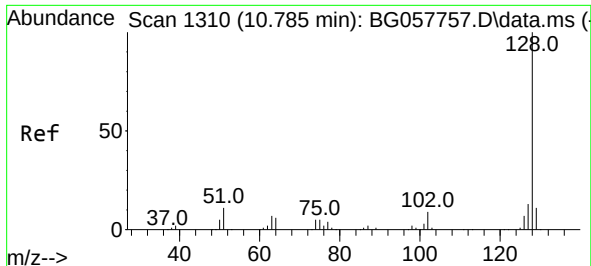
Ion Ratio Lower Upper

180 100

182 93.4 77.5 116.3

145 27.8 22.6 34.0





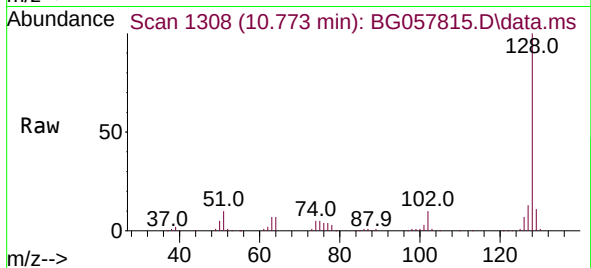
#31
Naphthalene
Concen: 39.891 ng
RT: 10.773 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

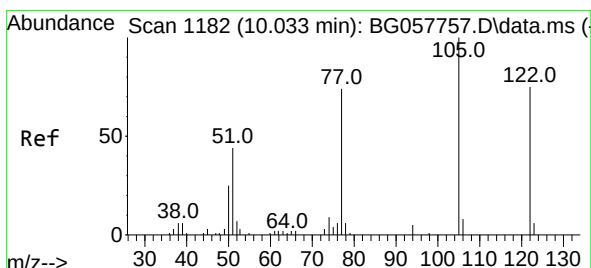
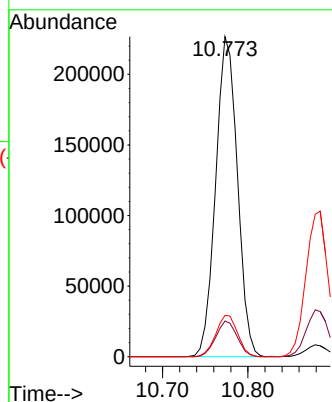
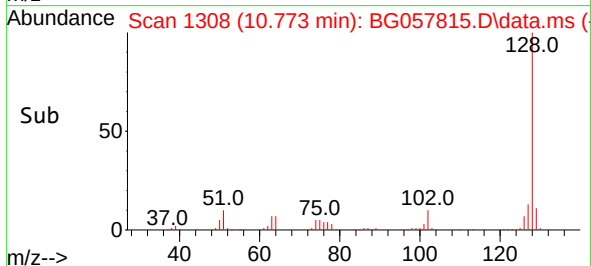


Tgt Ion:128 Resp: 401630
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 12.9 10.7 16.1

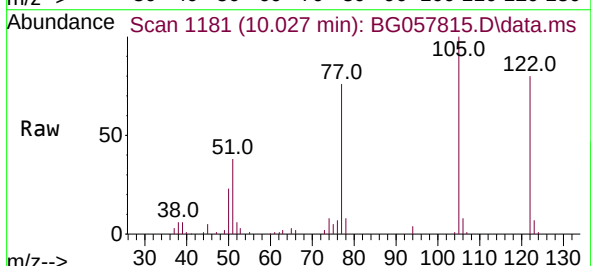
Manual Integrations

APPROVED

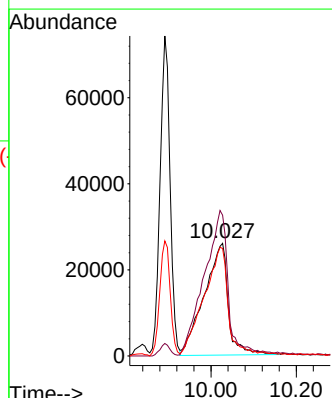
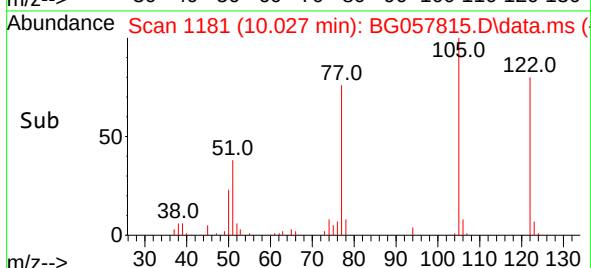
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

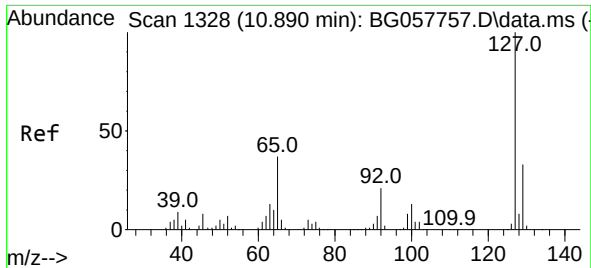


#32
Benzoic acid
Concen: 45.791 ng
RT: 10.027 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:122 Resp: 101871
Ion Ratio Lower Upper
122 100
105 125.0 110.1 150.1
77 95.4 78.2 118.2





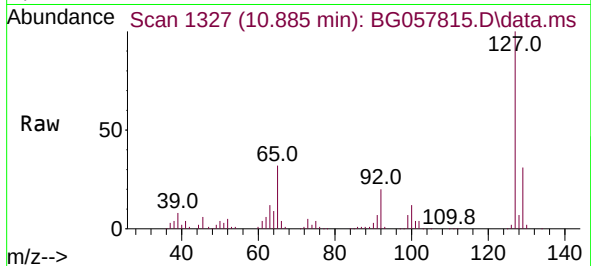
#33
4-Chloroaniline
Concen: 39.783 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

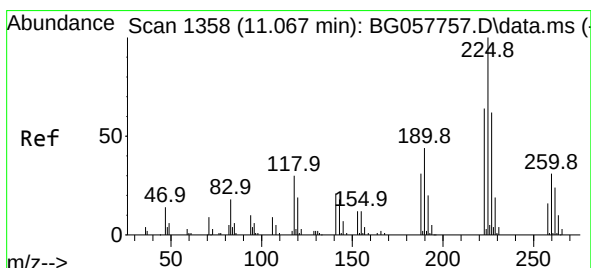
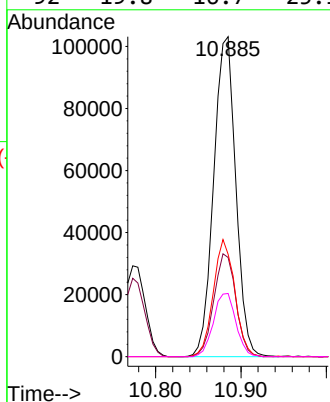
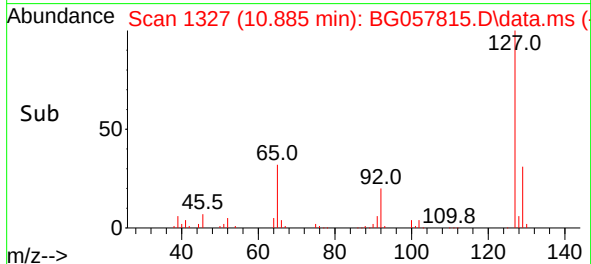


Tgt Ion:127 Resp: 185590
Ion Ratio Lower Upper
127 100
129 31.0 26.6 40.0
65 32.0 29.8 44.8
92 19.8 16.7 25.1

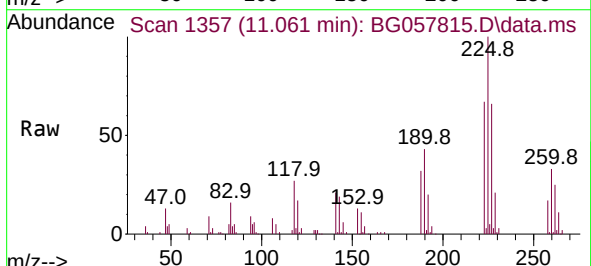
Manual Integrations

APPROVED

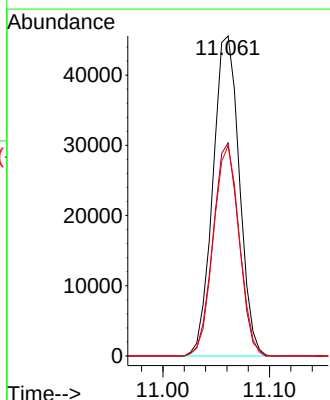
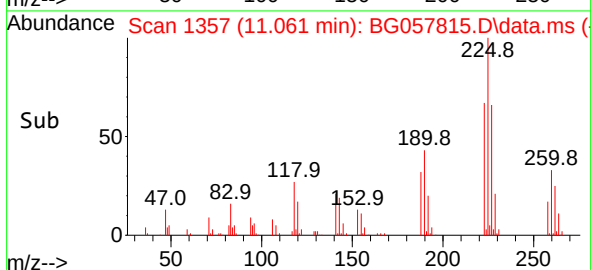
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

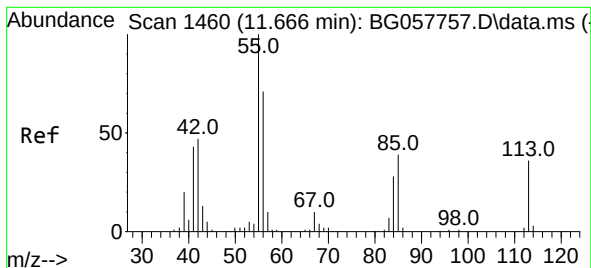


#34
Hexachlorobutadiene
Concen: 40.168 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:225 Resp: 78381
Ion Ratio Lower Upper
225 100
223 66.6 51.4 77.0
227 65.7 49.7 74.5





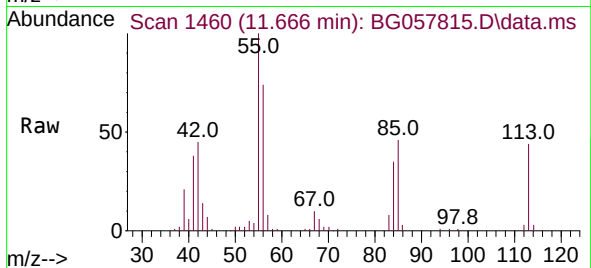
#35
Caprolactam
Concen: 38.897 ng
RT: 11.666 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

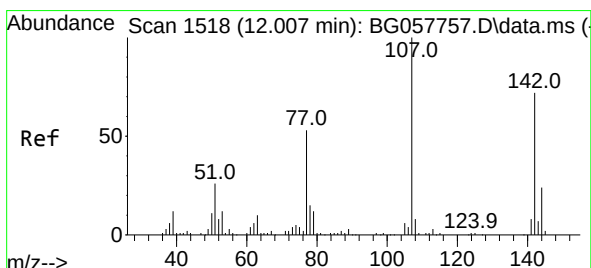
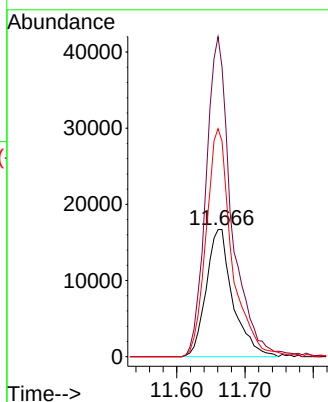
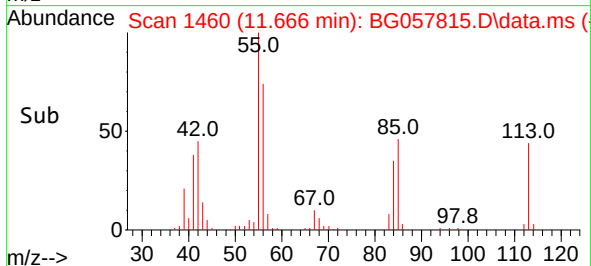


Tgt Ion:113 Resp: 45290
Ion Ratio Lower Upper
113 100
55 227.5 255.7 295.7
56 169.4 175.2 215.2

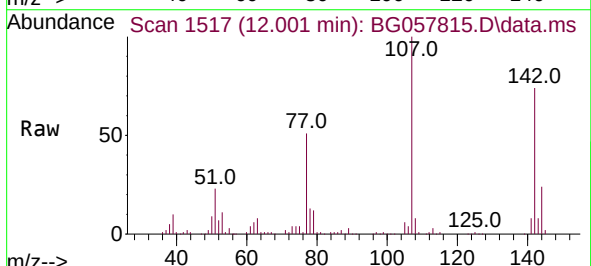
Manual Integrations

APPROVED

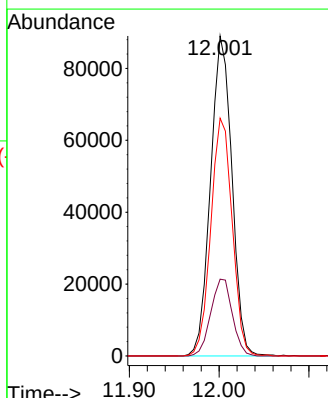
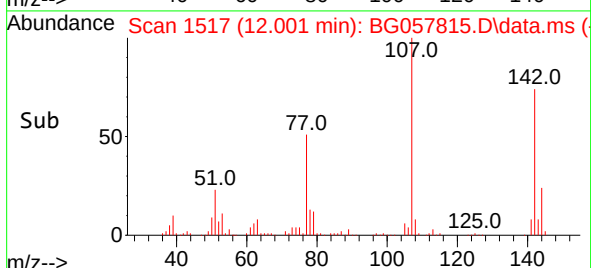
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

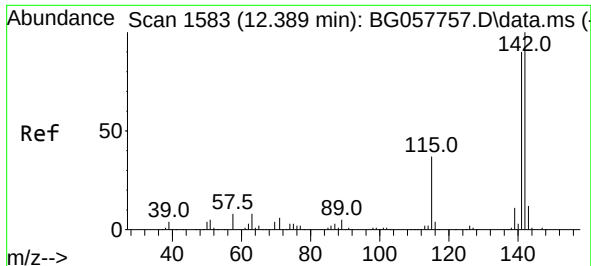


#36
4-Chloro-3-methylphenol
Concen: 39.257 ng
RT: 12.001 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:107 Resp: 147112
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 74.3 57.9 86.9





#37
2-Methylnaphthalene
Concen: 39.700 ng
RT: 12.383 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

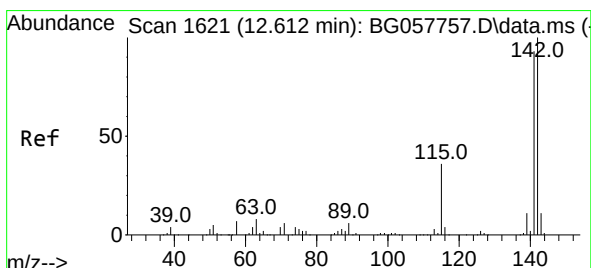
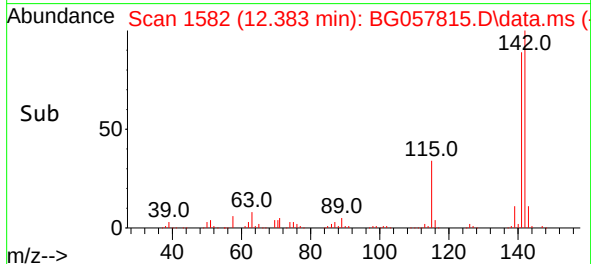
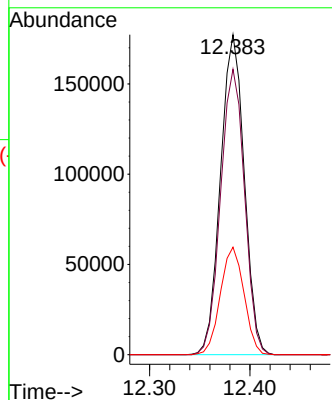
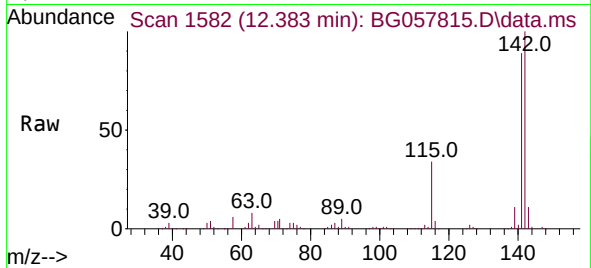
SSTDCCC040

Tgt Ion:142 Resp: 291352
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1
115 33.6 29.7 44.5

Manual Integrations

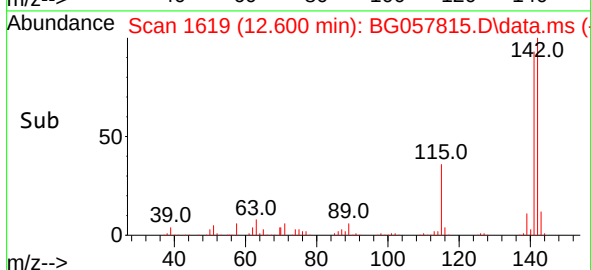
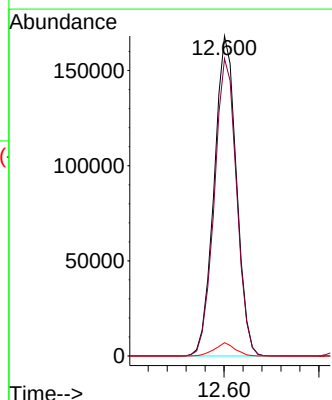
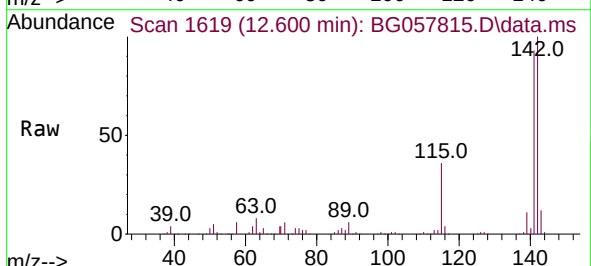
APPROVED

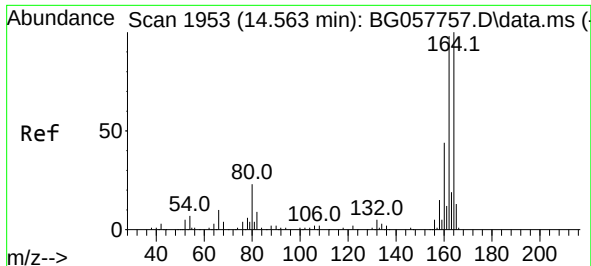
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#38
1-Methylnaphthalene
Concen: 39.488 ng
RT: 12.600 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:142 Resp: 273566
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 4.2 3.1 4.7





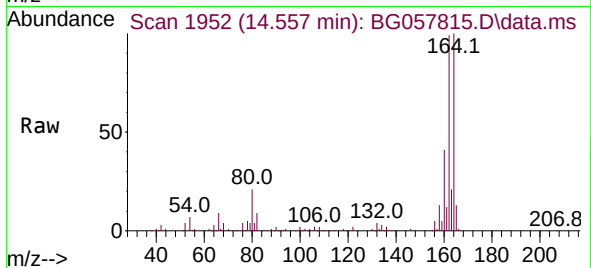
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

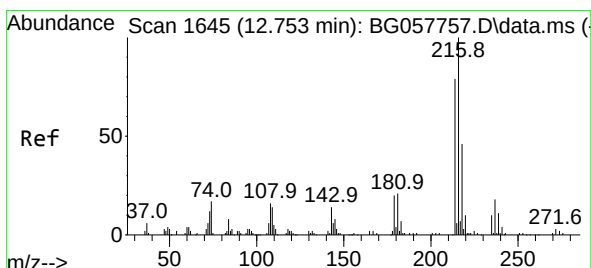
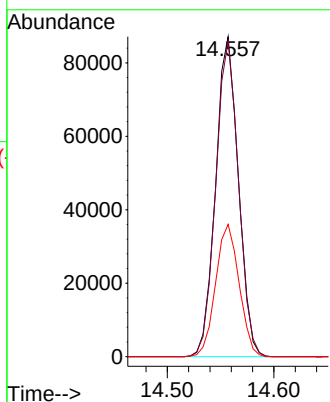
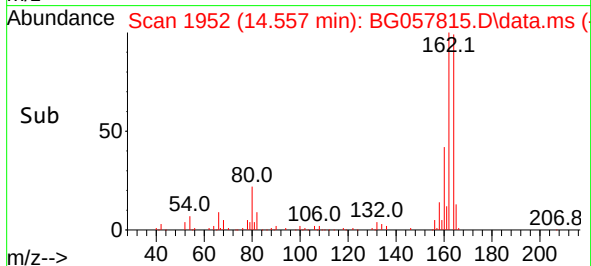


Tgt Ion:164 Resp: 128900
Ion Ratio Lower Upper
164 100
162 98.6 78.3 117.5
160 41.4 35.4 53.0

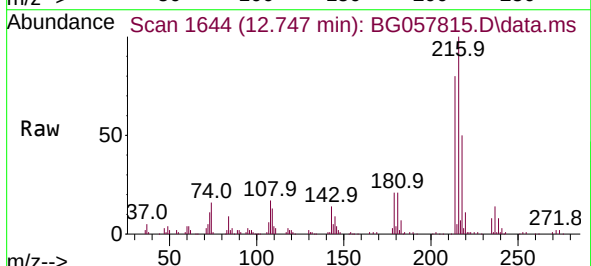
Manual Integrations

APPROVED

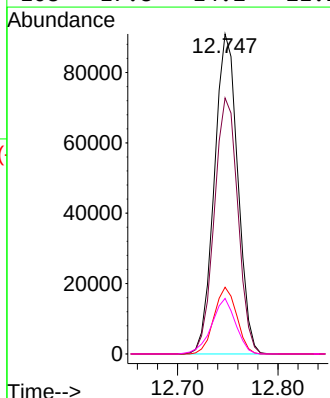
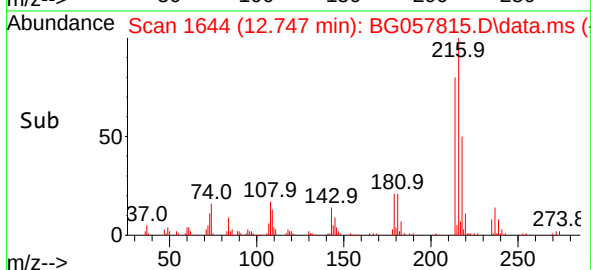
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

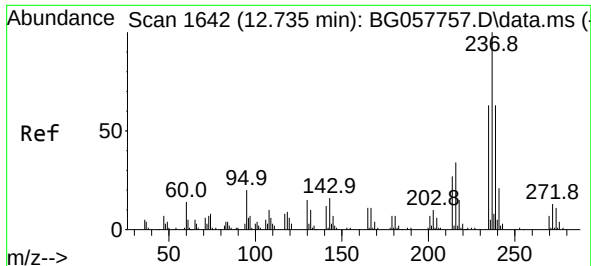


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.173 ng
RT: 12.747 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:216 Resp: 147130
Ion Ratio Lower Upper
216 100
214 80.5 63.0 94.4
179 20.2 16.2 24.2
108 17.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 46.789 ng
RT: 12.730 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

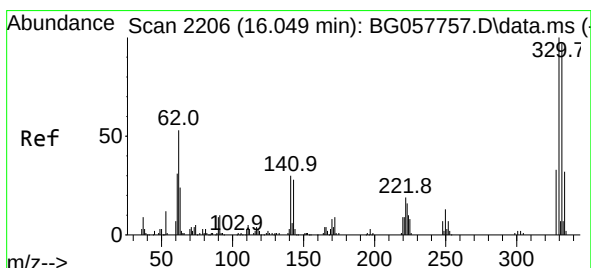
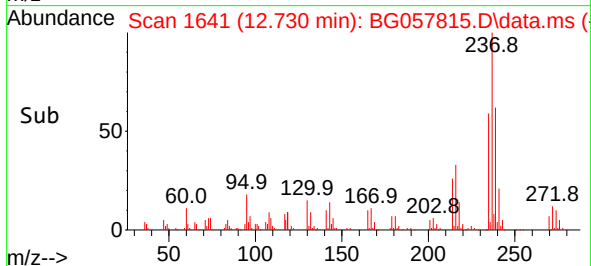
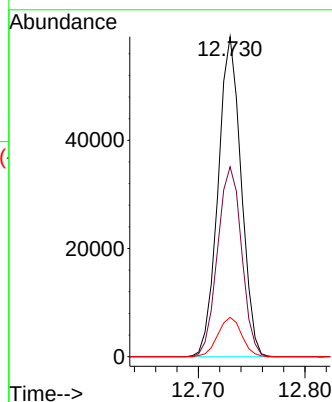
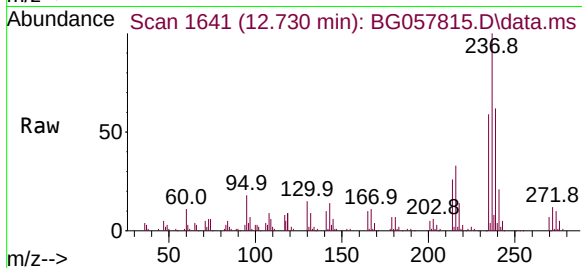
SSTDCCC040

Tgt Ion:237 Resp: 88760
Ion Ratio Lower Upper
237 100
235 59.3 43.5 83.5
272 12.3 0.0 32.8

Manual Integrations

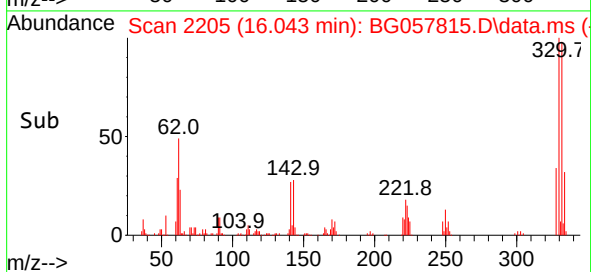
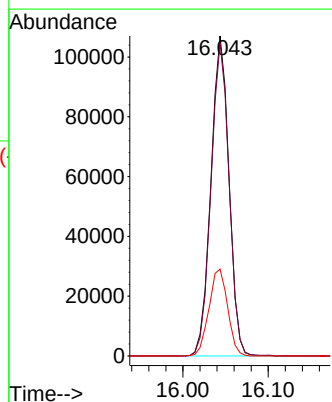
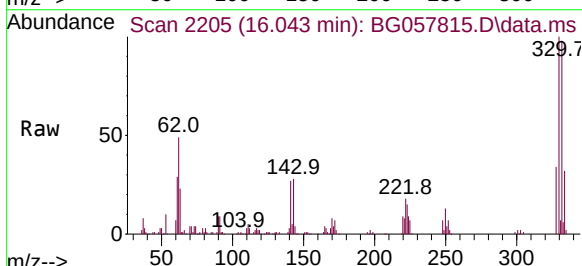
APPROVED

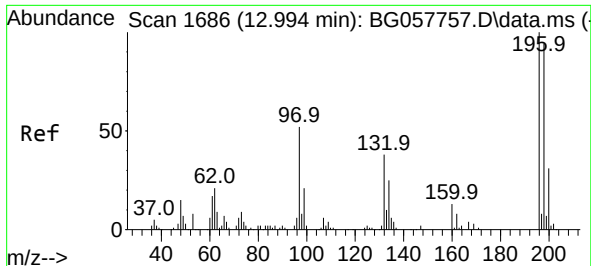
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#42
2,4,6-Tribromophenol
Concen: 87.630 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:330 Resp: 157346
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 28.1 24.7 37.1





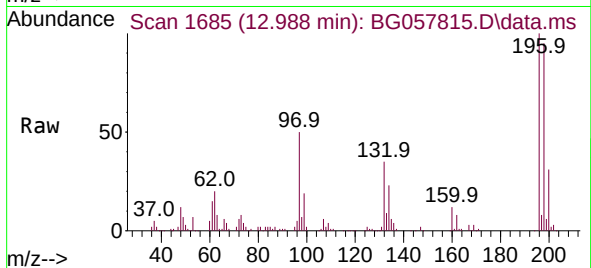
#43
2,4,6-Trichlorophenol
Concen: 42.918 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

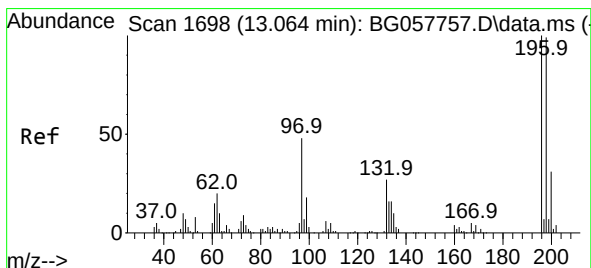
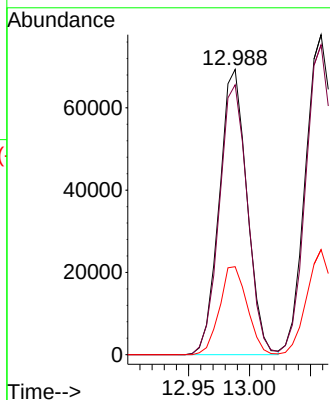
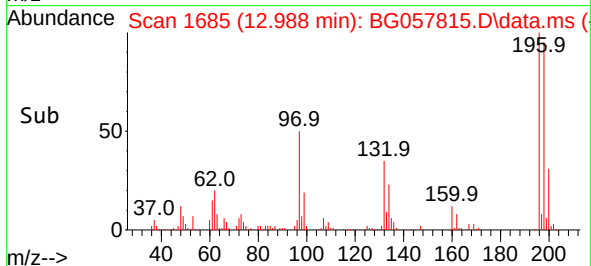


Tgt Ion:196 Resp: 109815
Ion Ratio Lower Upper
196 100
198 94.6 75.5 113.3
200 30.8 24.6 36.8

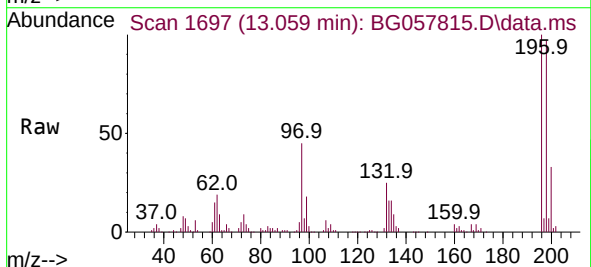
Manual Integrations

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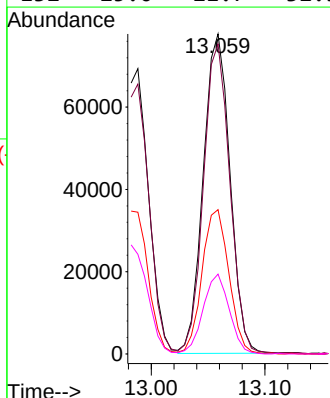
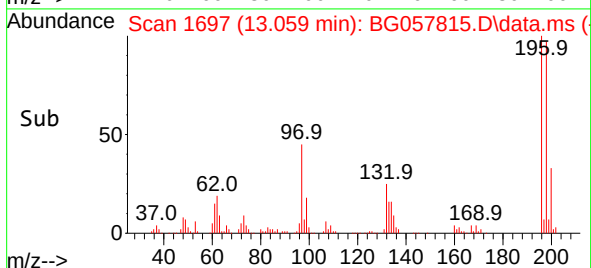
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

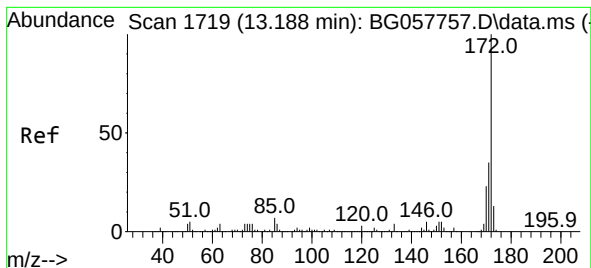


#44
2,4,5-Trichlorophenol
Concen: 42.527 ng
RT: 13.059 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:196 Resp: 126839
Ion Ratio Lower Upper
196 100
198 96.9 78.9 118.3
97 45.1 38.3 57.5
132 25.0 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 80.801 ng

RT: 13.182 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 686684

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

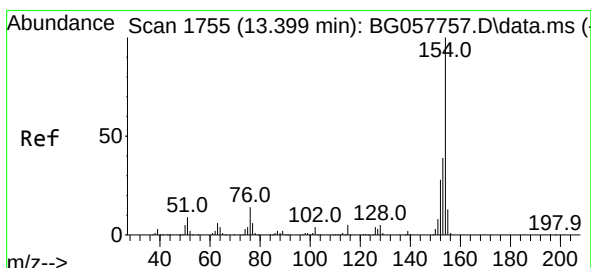
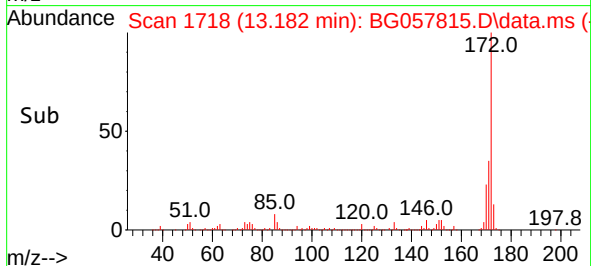
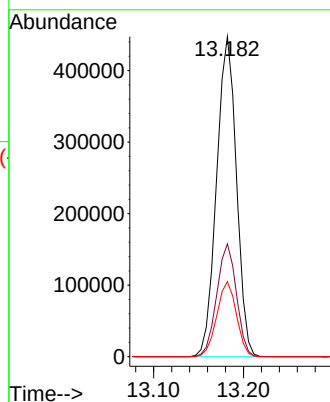
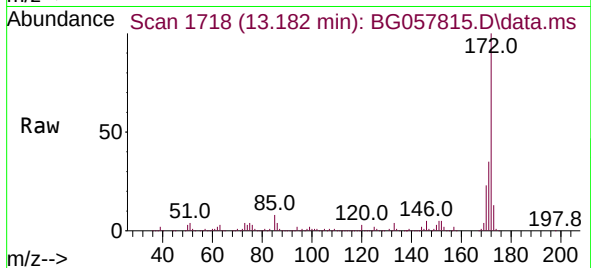
170 23.4 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 40.612 ng

RT: 13.394 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

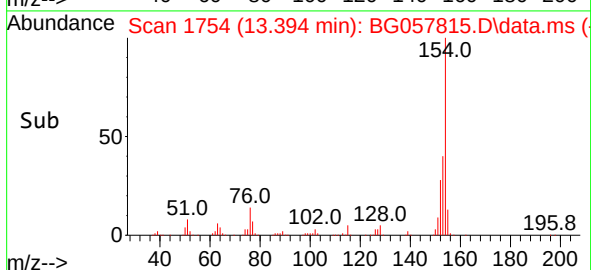
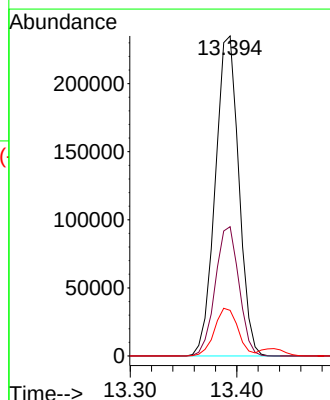
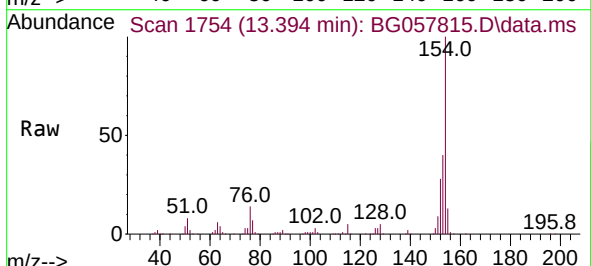
Tgt Ion:154 Resp: 359442

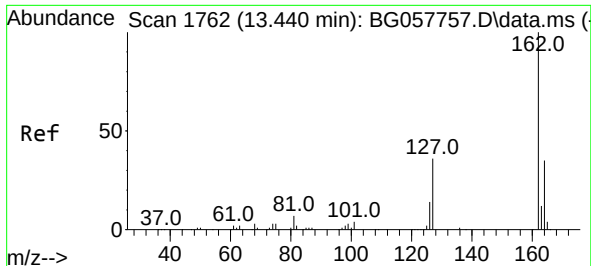
Ion Ratio Lower Upper

154 100

153 40.4 19.1 59.1

76 14.3 0.0 34.3





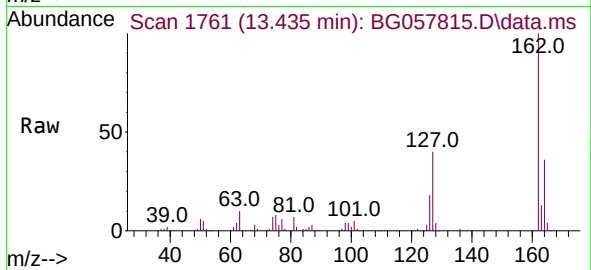
#47
2-Chloronaphthalene
Concen: 40.523 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



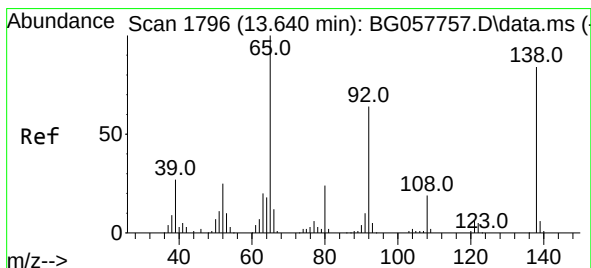
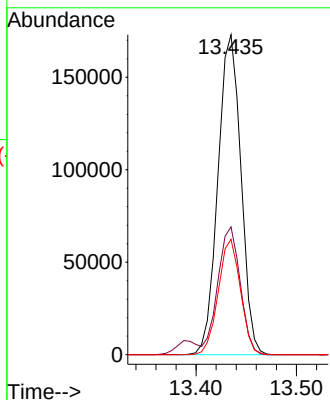
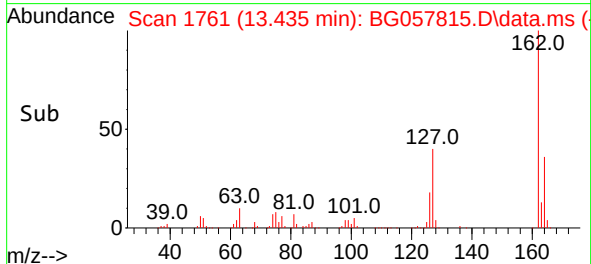
Tgt Ion:162 Resp: 275530
Ion Ratio Lower Upper
162 100
127 40.0 32.2 48.2
164 36.0 28.0 42.0

Manual Integrations

APPROVED

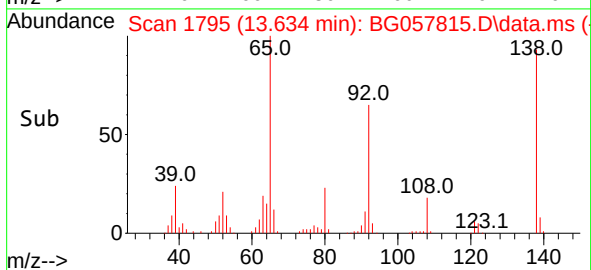
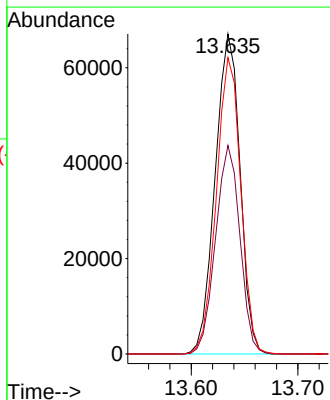
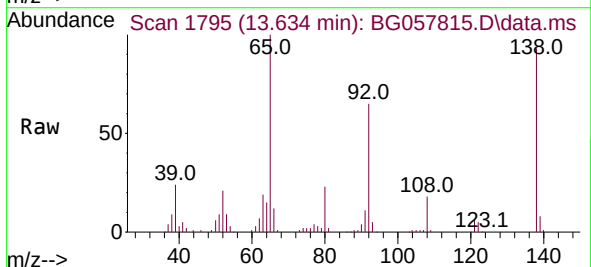
Reviewed By :Yogesh Patel 06/23/2023

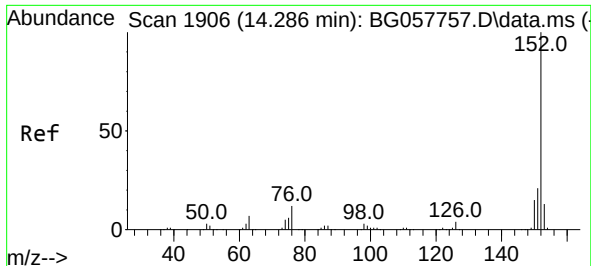
Supervised By :mohammad ahmed 06/23/2023



#48
2-Nitroaniline
Concen: 44.962 ng
RT: 13.634 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion: 65 Resp: 108644
Ion Ratio Lower Upper
65 100
92 65.1 51.2 76.8
138 92.6 67.2 100.8





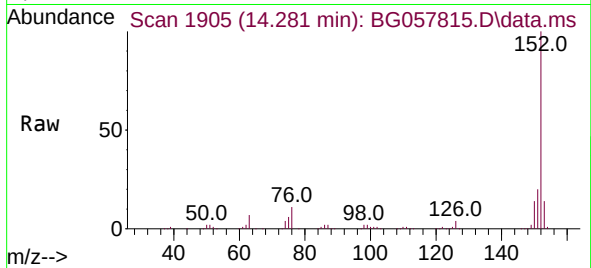
#49
Acenaphthylene
Concen: 40.426 ng
RT: 14.281 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

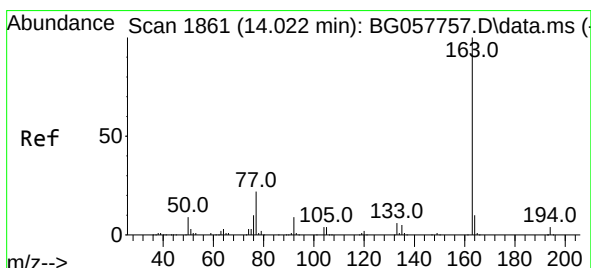
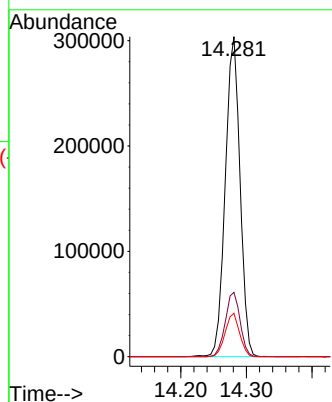
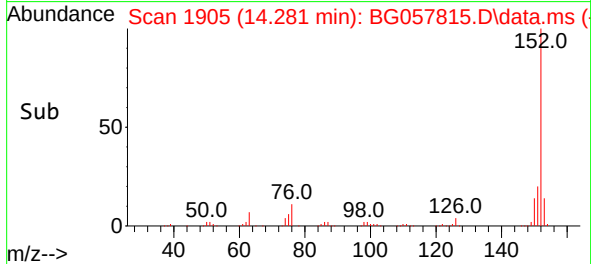


Tgt Ion:152 Resp: 471808
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.4
153 13.6 10.5 15.7

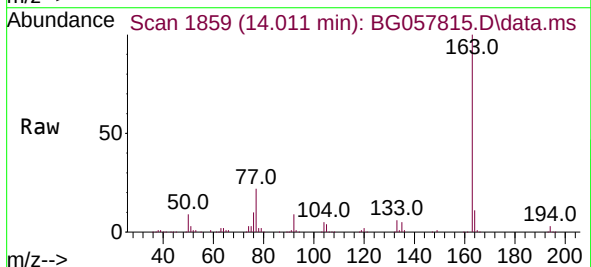
Manual Integrations

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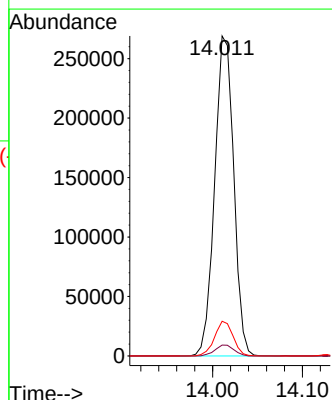
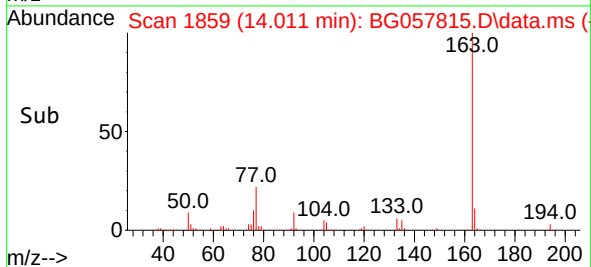
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

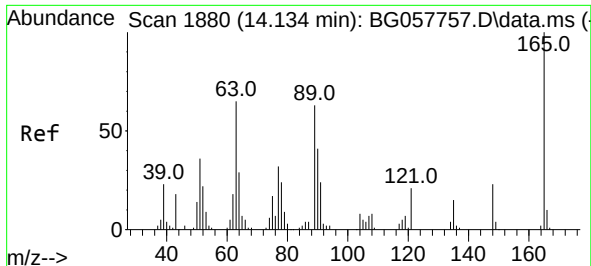


#50
Dimethylphthalate
Concen: 39.991 ng
RT: 14.011 min Scan# 1859
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:163 Resp: 395925
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.8 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 45.979 ng
RT: 14.128 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

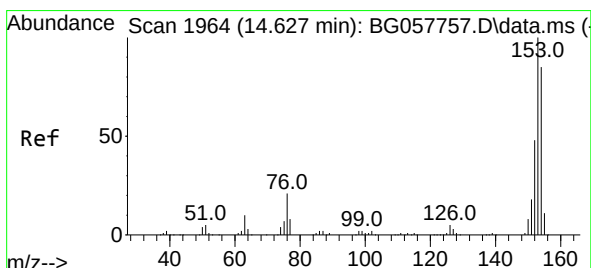
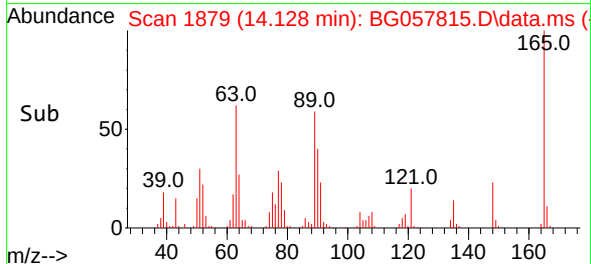
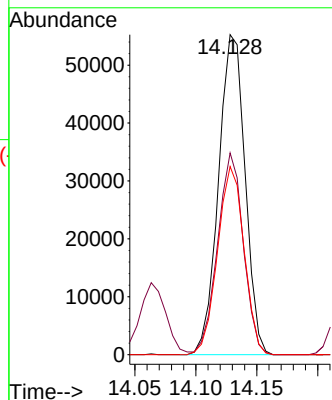
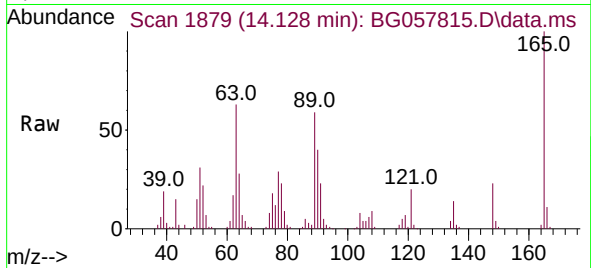
ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 83824
Ion Ratio Lower Upper
165 100
63 63.1 52.8 79.2
89 58.8 50.7 76.1

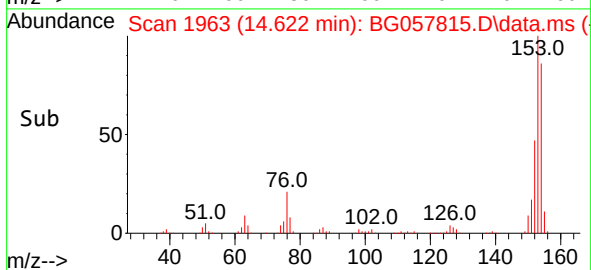
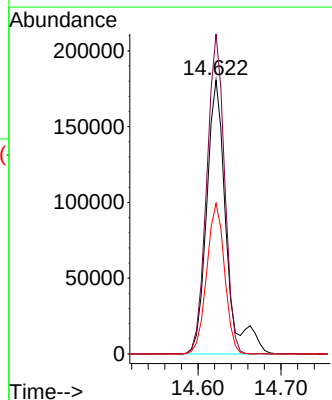
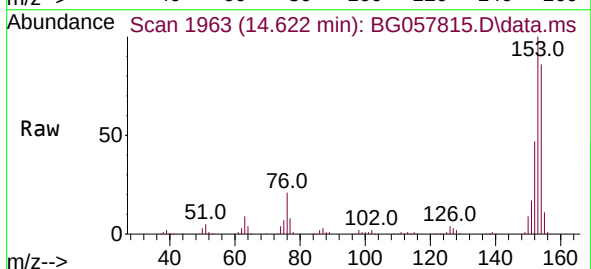
Manual Integrations
APPROVED

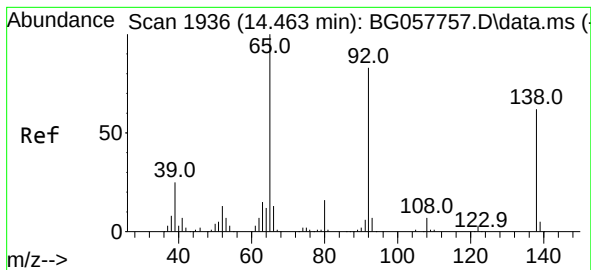
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 40.877 ng m
RT: 14.622 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:154 Resp: 295341
Ion Ratio Lower Upper
154 100
153 116.9 93.6 140.4
152 55.0 44.7 67.1





#53
3-Nitroaniline
Concen: 45.559 ng
RT: 14.457 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

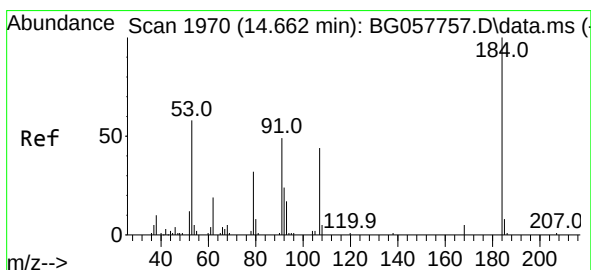
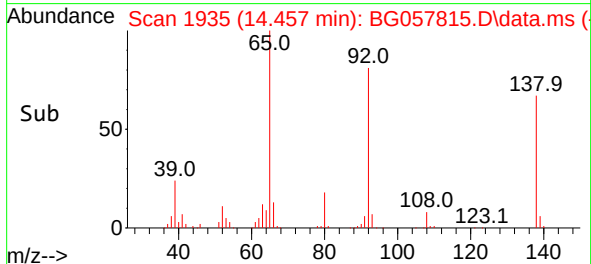
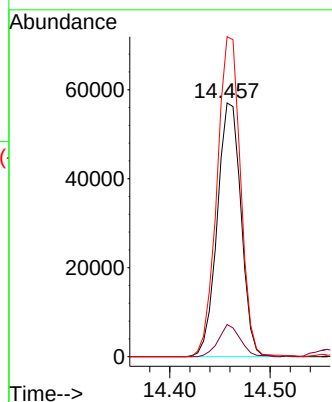
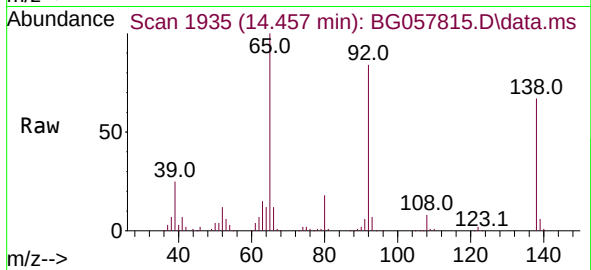
SSTDCCC040

Tgt Ion:138 Resp: 93602
Ion Ratio Lower Upper
138 100
108 12.7 9.1 13.7
92 126.1 106.4 159.6

Manual Integrations

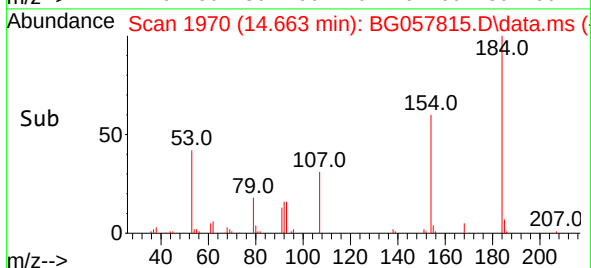
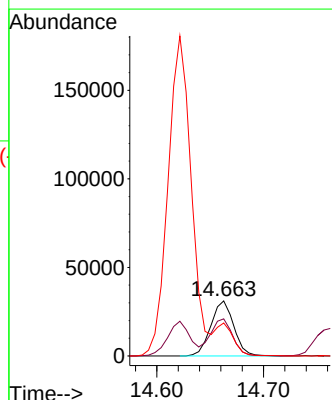
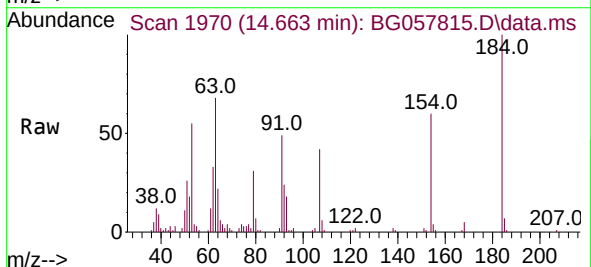
APPROVED

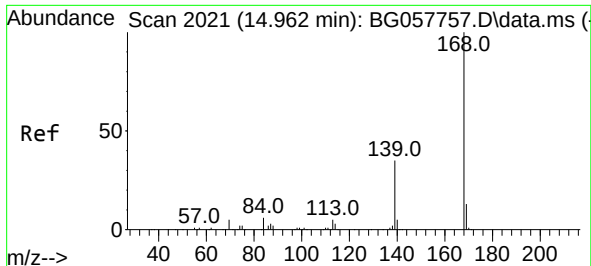
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#54
2,4-Dinitrophenol
Concen: 49.913 ng
RT: 14.663 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:184 Resp: 46313
Ion Ratio Lower Upper
184 100
63 67.5 55.2 82.8
154 59.9 47.4 71.0





#55
Dibenzo-furan
Concen: 39.728 ng
RT: 14.956 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

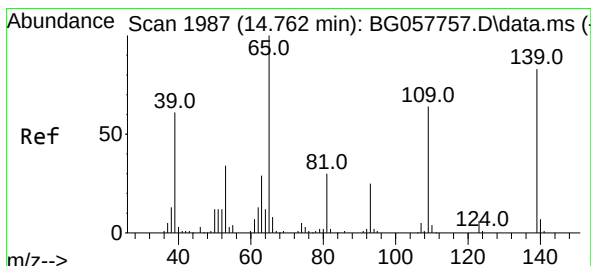
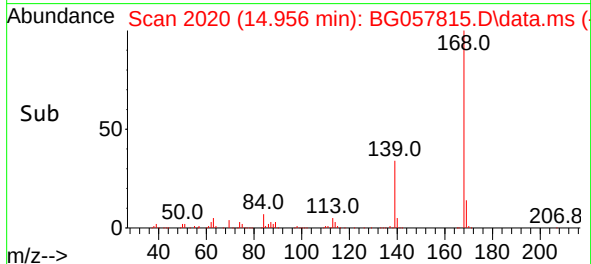
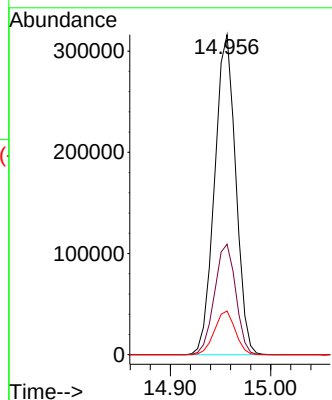
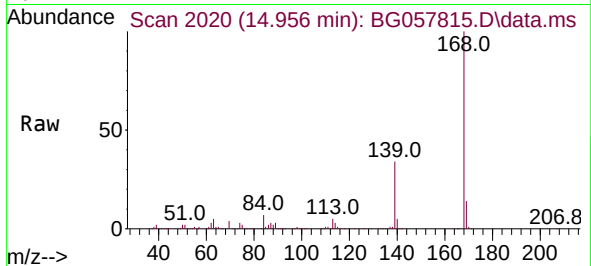
SSTDCCC040

Tgt Ion:168 Resp: 46154
Ion Ratio Lower Upper
168 100
139 34.5 28.1 42.1
169 13.6 10.7 16.1

Manual Integrations

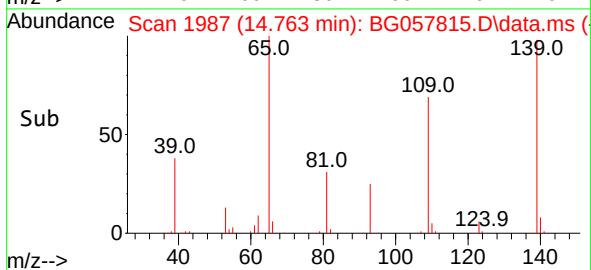
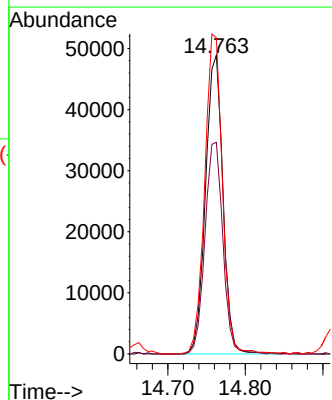
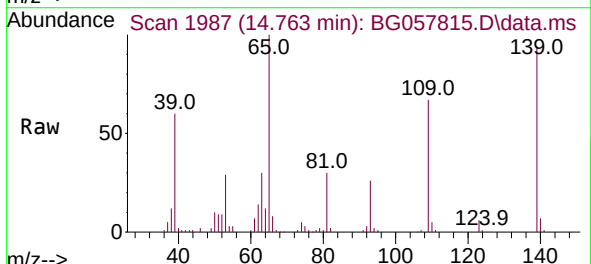
APPROVED

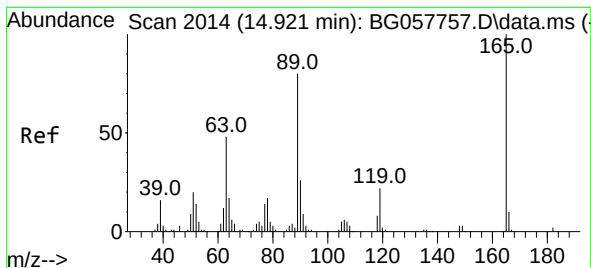
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 46.672 ng
RT: 14.763 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:139 Resp: 76206
Ion Ratio Lower Upper
139 100
109 70.8 57.3 97.3
65 105.8 100.0 140.0





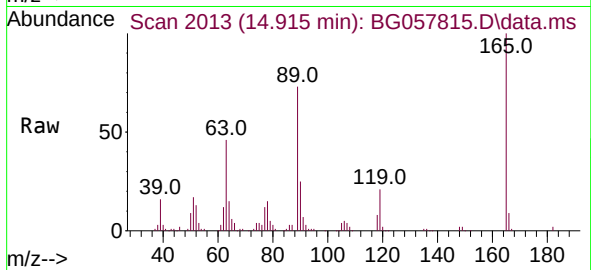
#57
2,4-Dinitrotoluene
Concen: 48.011 ng
RT: 14.915 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

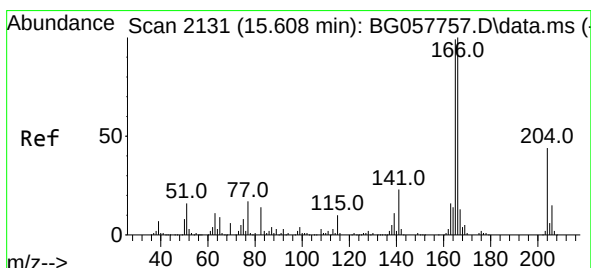
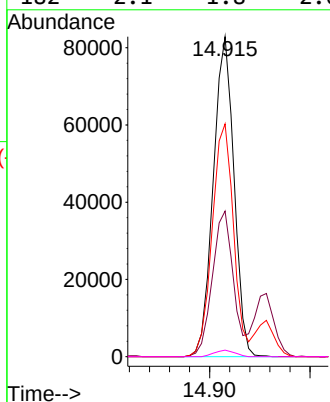
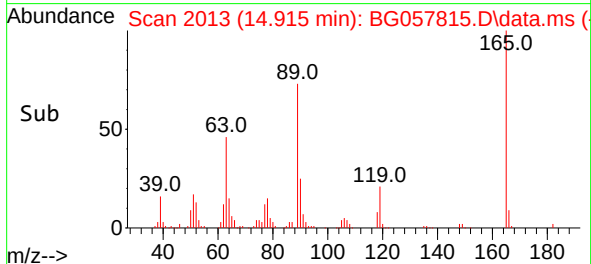


Tgt Ion:165 Resp: 11869
Ion Ratio Lower Upper
165 100
63 45.5 38.6 58.0
89 72.7 63.7 95.5
182 2.1 1.8 2.6

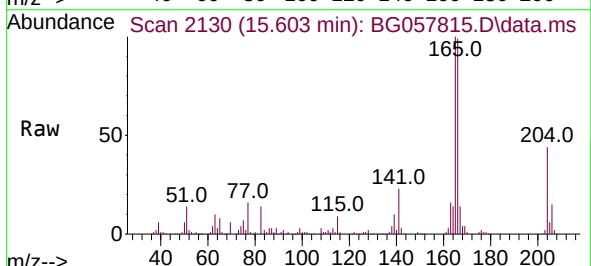
Manual Integrations

APPROVED

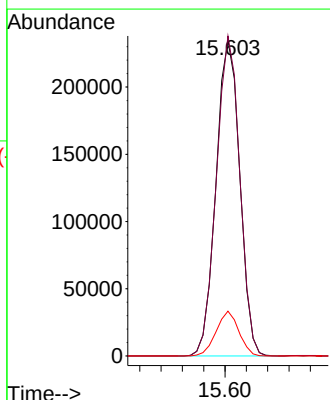
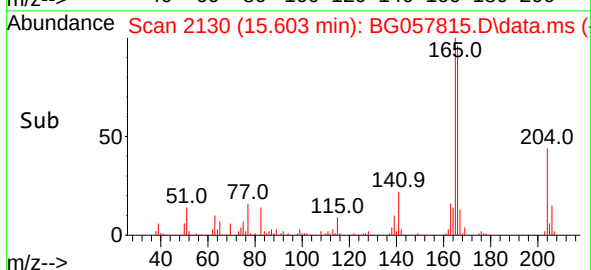
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

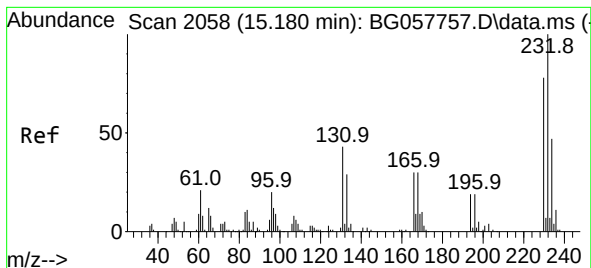


#58
Fluorene
Concen: 39.478 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



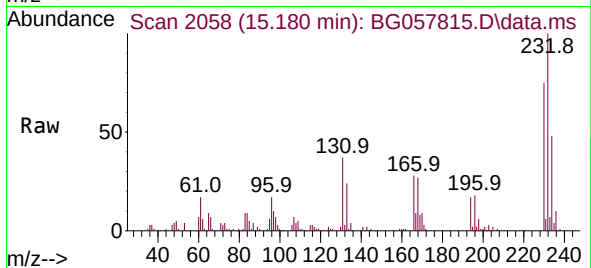
Tgt Ion:166 Resp: 363045
Ion Ratio Lower Upper
166 100
165 101.4 79.5 119.3
167 14.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.626 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

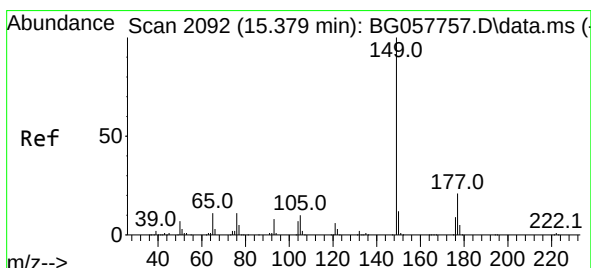
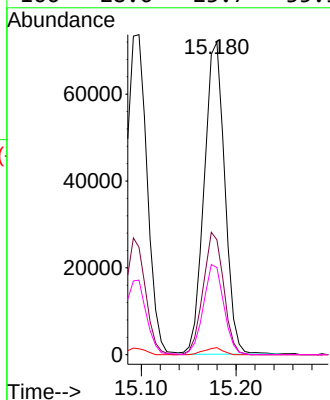
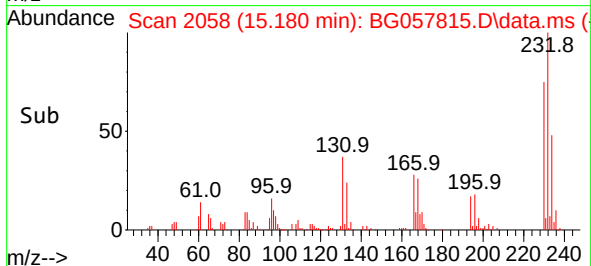
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



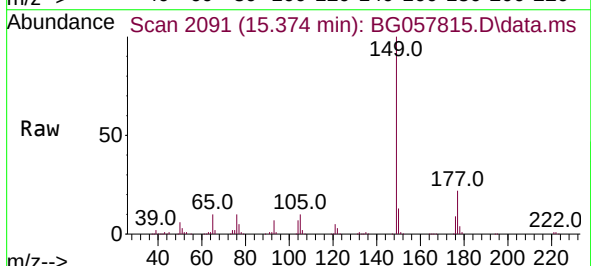
Tgt Ion:232 Resp: 108340
Ion Ratio Lower Upper
232 100
131 38.9 31.9 47.9
130 2.0 1.6 2.4
166 28.6 23.7 35.5

Manual Integrations
APPROVED

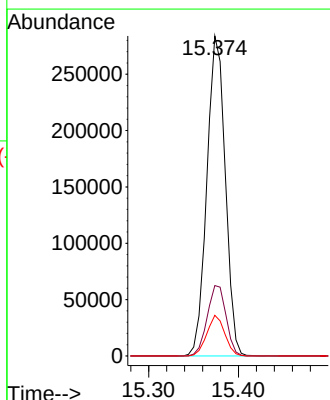
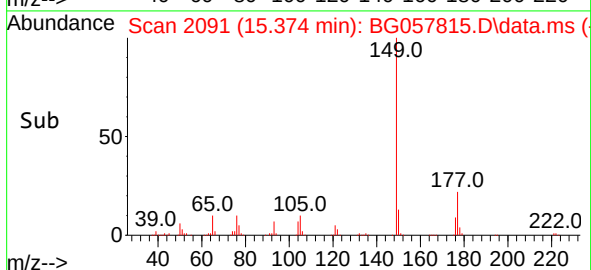
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

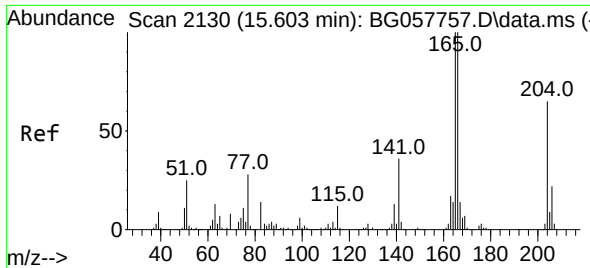


#60
Diethylphthalate
Concen: 39.815 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:149 Resp: 404400
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.026 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

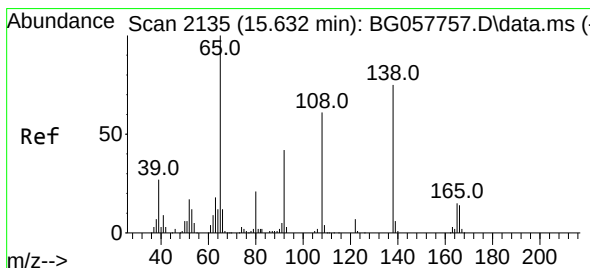
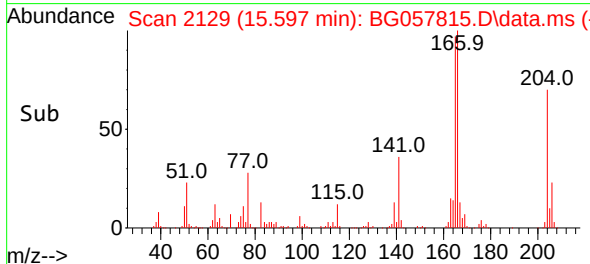
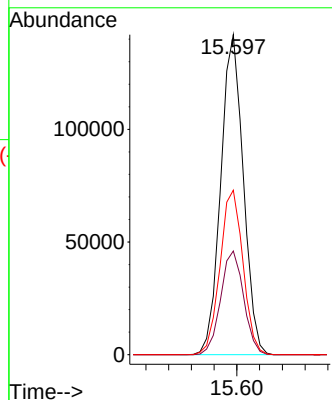
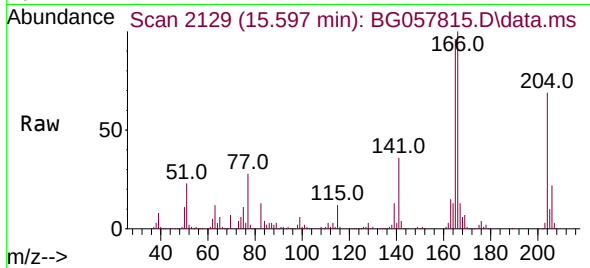
SSTDCCC040

Tgt Ion:204 Resp: 19572
Ion Ratio Lower Upper
204 100
206 32.4 26.9 40.3
141 51.4 44.3 66.5

Manual Integrations

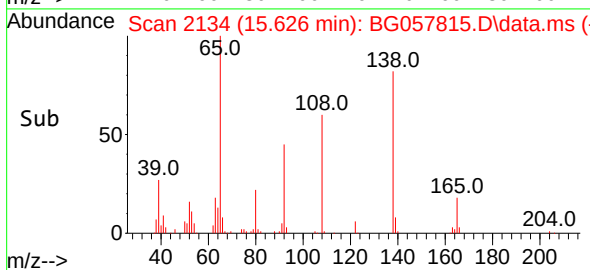
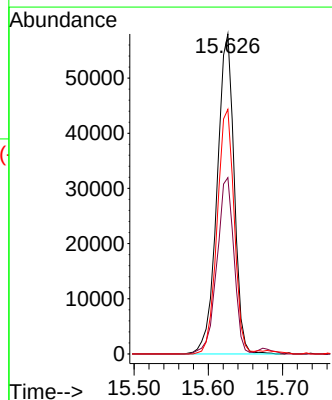
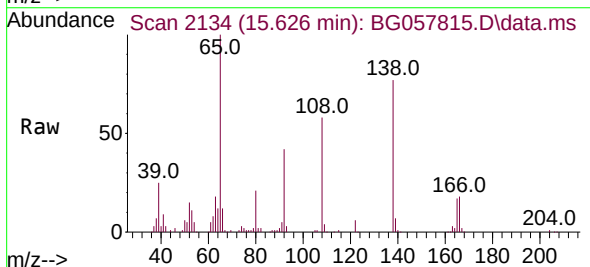
APPROVED

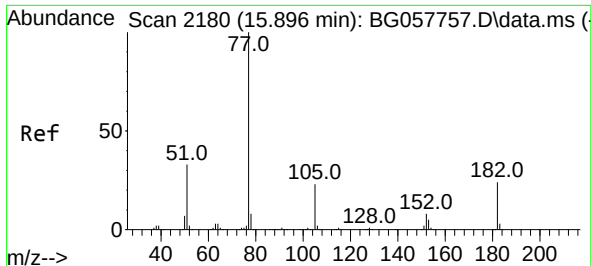
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#62
4-Nitroaniline
Concen: 44.303 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:138 Resp: 92795
Ion Ratio Lower Upper
138 100
92 55.1 35.9 75.9
108 76.4 62.1 102.1





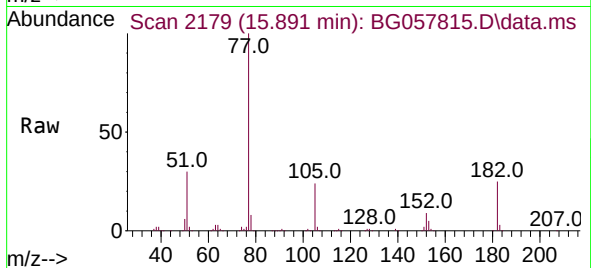
#63
Azobenzene
Concen: 38.383 ng
RT: 15.891 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

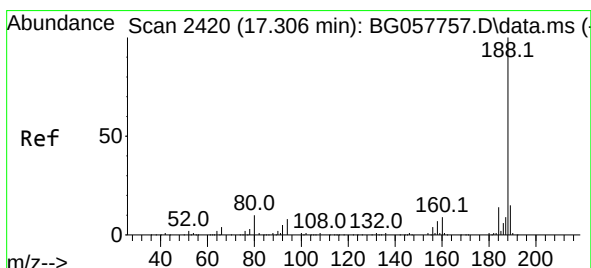
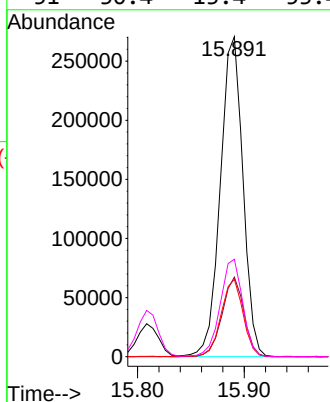
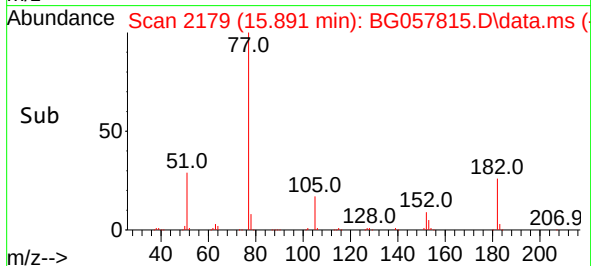


Tgt Ion: 77 Resp: 398780
Ion Ratio Lower Upper
77 100
182 24.8 4.1 44.1
105 24.2 3.3 43.3
51 30.4 13.4 53.4

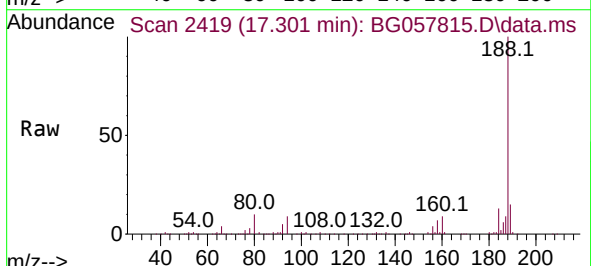
Manual Integrations

APPROVED

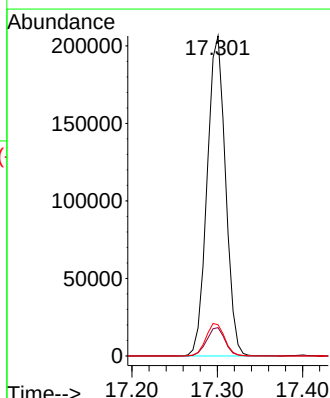
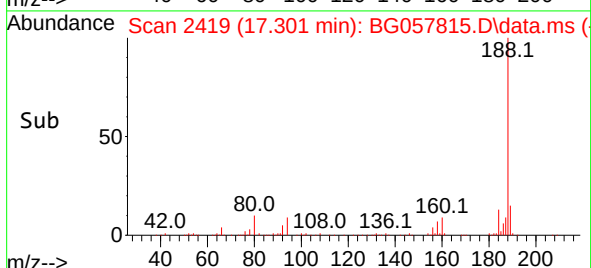
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

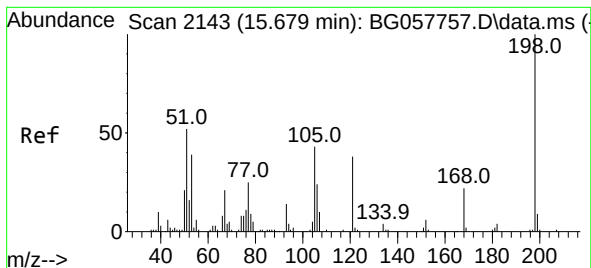


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:188 Resp: 308994
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 9.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.128 ng
RT: 15.679 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

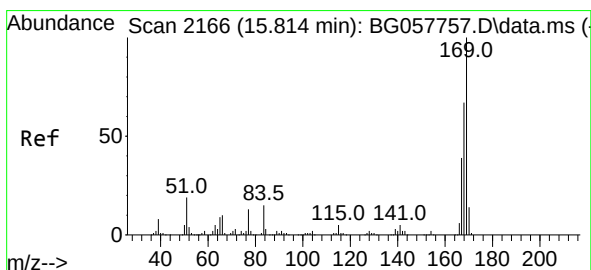
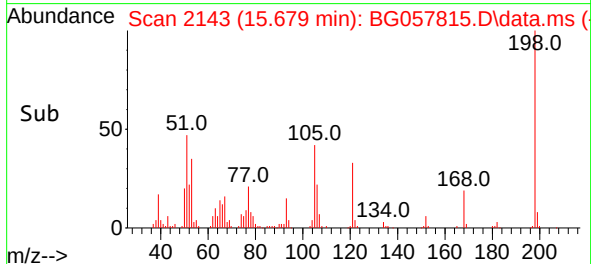
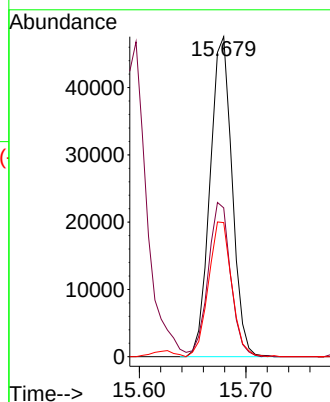
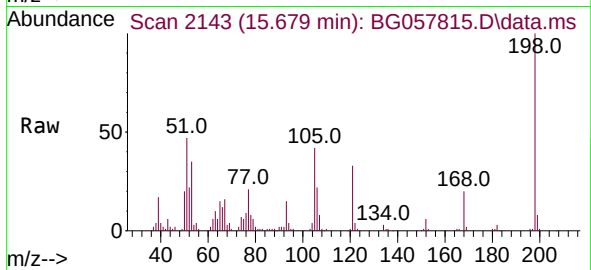
SSTDCCC040

Tgt Ion:198 Resp: 68339
Ion Ratio Lower Upper
198 100
51 46.5 36.6 76.6
105 41.9 24.3 64.3

Manual Integrations

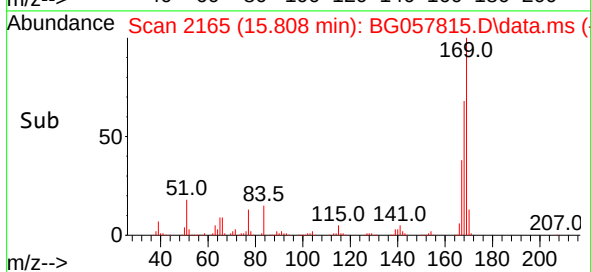
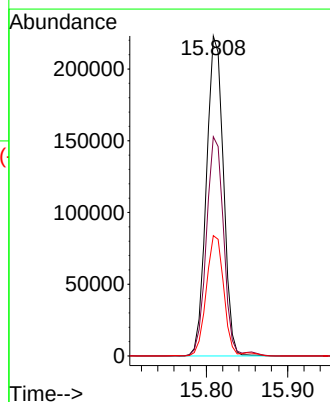
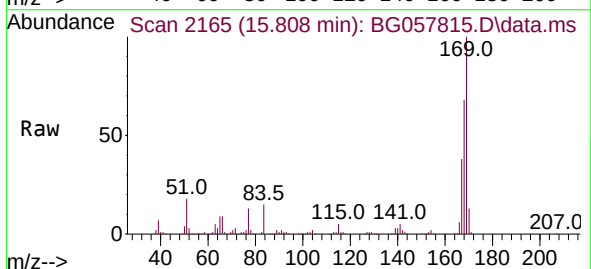
APPROVED

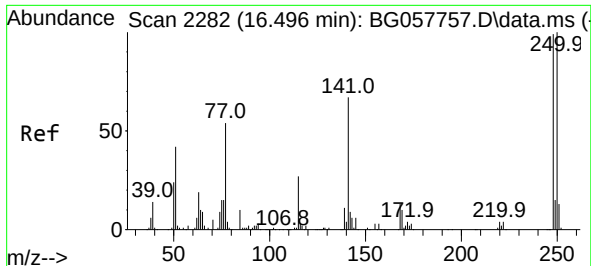
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 39.643 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:169 Resp: 323300
Ion Ratio Lower Upper
169 100
168 68.5 53.4 80.2
167 37.6 31.2 46.8





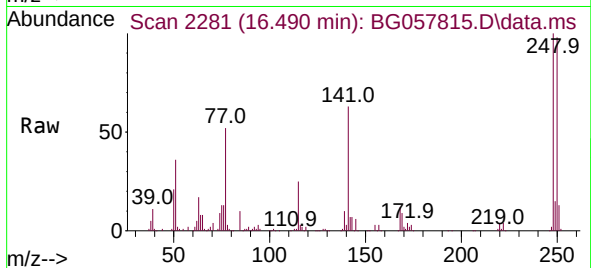
#67
4-Bromophenyl-phenylether
Concen: 40.112 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

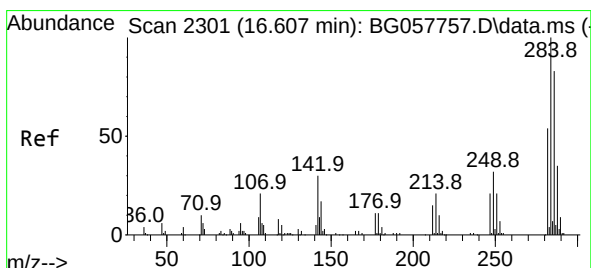
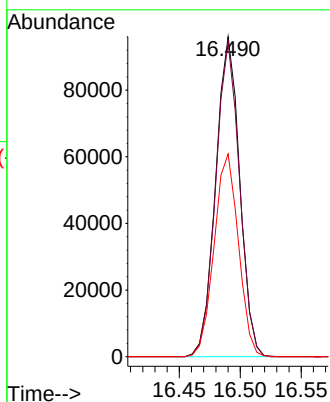
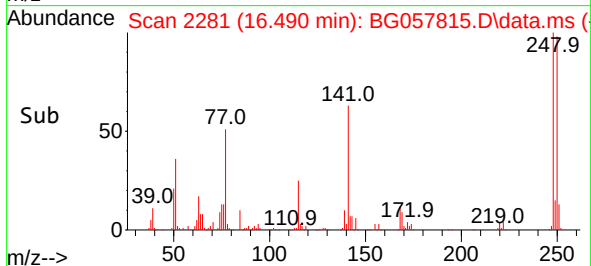


Tgt Ion:248 Resp: 131440
Ion Ratio Lower Upper
248 100
250 98.2 81.1 121.7
141 63.4 54.6 81.8

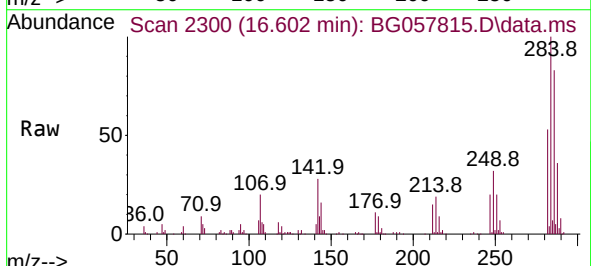
Manual Integrations

APPROVED

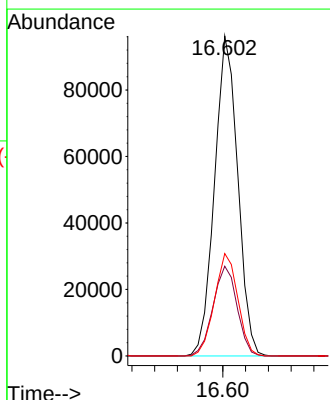
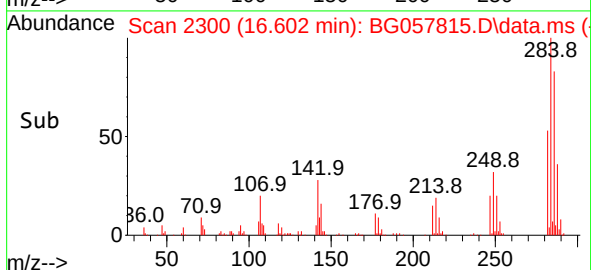
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

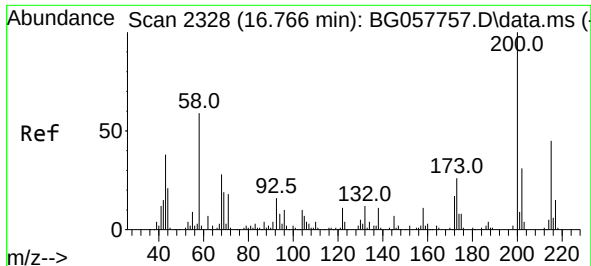


#68
Hexachlorobenzene
Concen: 40.824 ng
RT: 16.602 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:284 Resp: 136381
Ion Ratio Lower Upper
284 100
142 28.1 24.2 36.4
249 32.0 25.9 38.9





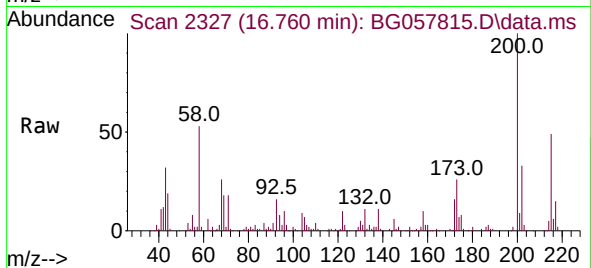
#69
 Atrazine
 Concen: 39.469 ng
 RT: 16.760 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057815.D
 Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

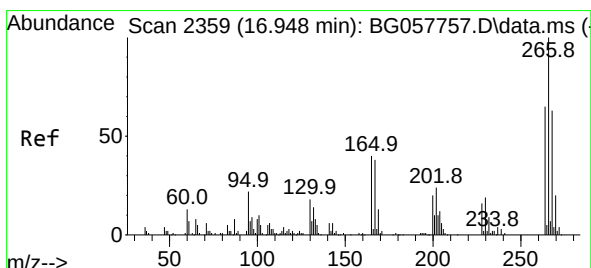
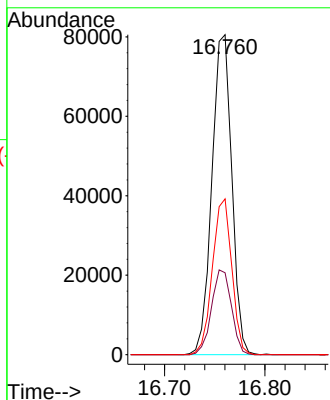
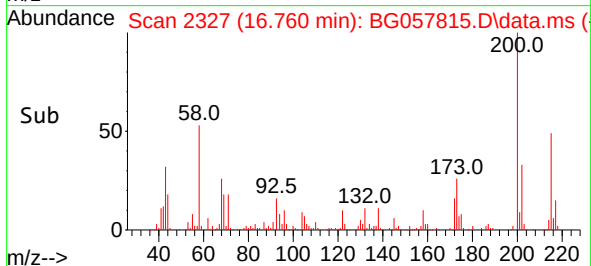


Tgt Ion:200 Resp: 110492
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.6 45.6
 215 48.7 24.6 64.6

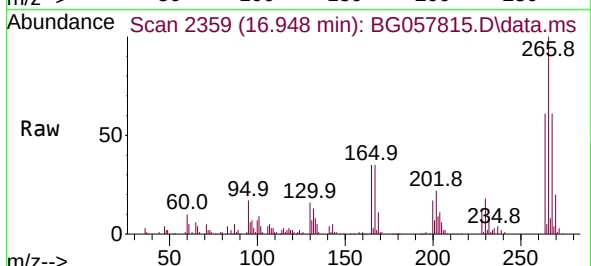
Manual Integrations

APPROVED

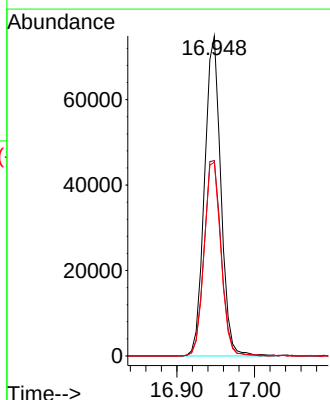
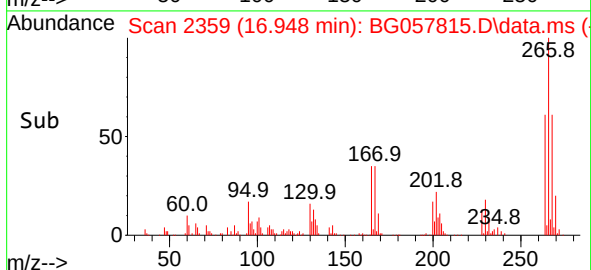
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

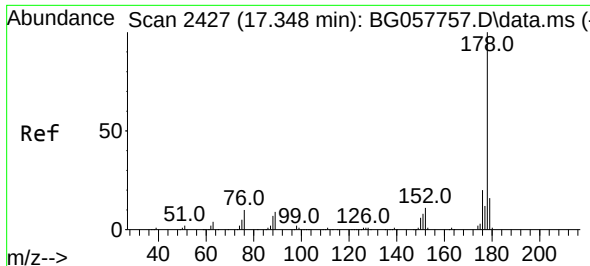


#70
 Pentachlorophenol
 Concen: 44.300 ng
 RT: 16.948 min Scan# 2359
 Delta R.T. 0.000 min
 Lab File: BG057815.D
 Acq: 22 Jun 2023 19:34



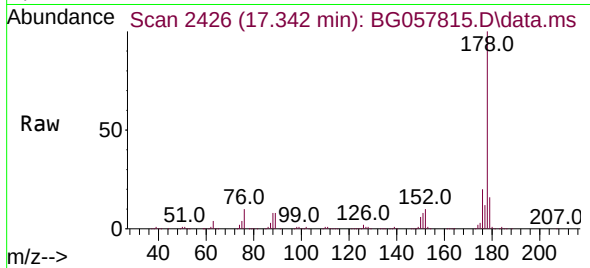
Tgt Ion:266 Resp: 109332
 Ion Ratio Lower Upper
 266 100
 268 61.1 50.5 75.7
 264 60.6 51.8 77.6





#71
Phenanthrene
Concen: 39.121 ng
RT: 17.342 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

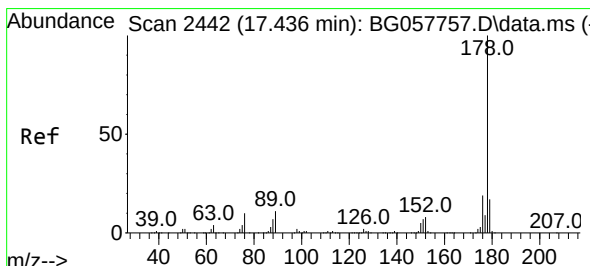
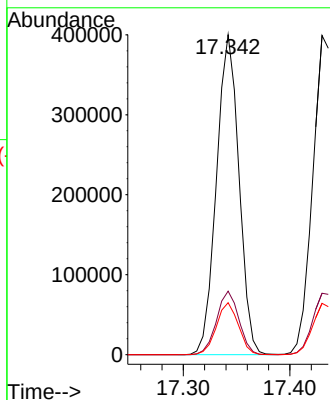
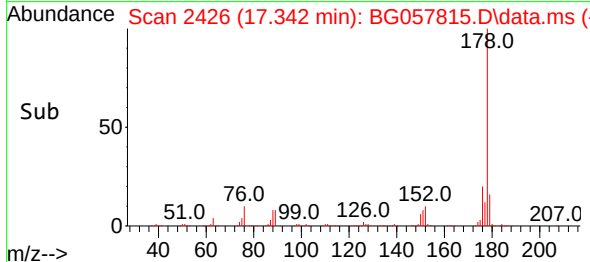
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



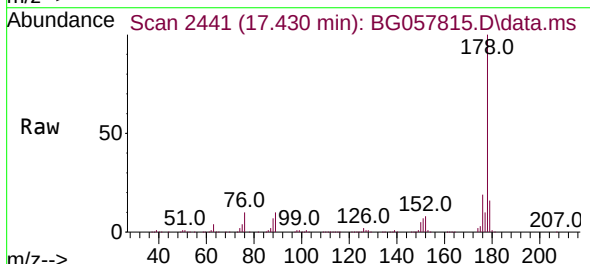
Tgt Ion:178 Resp: 585285
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.3 13.0 19.6

Manual Integrations
APPROVED

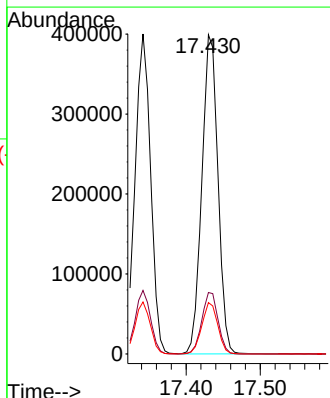
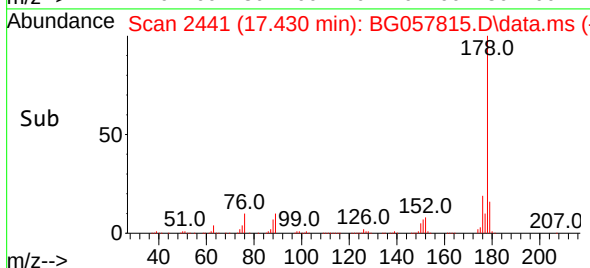
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

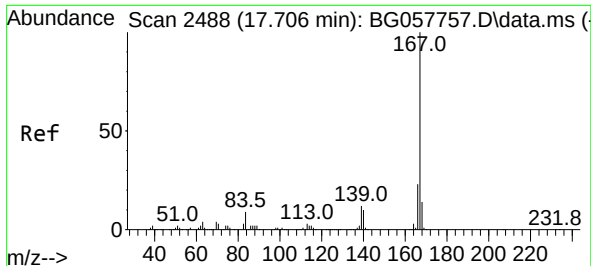


#72
Anthracene
Concen: 39.289 ng
RT: 17.430 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34



Tgt Ion:178 Resp: 600218
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.1 13.3 19.9





#73
 Carbazole
 Concen: 39.684 ng
 RT: 17.700 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BG057815.D
 Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

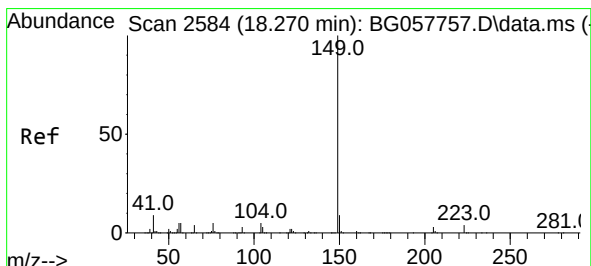
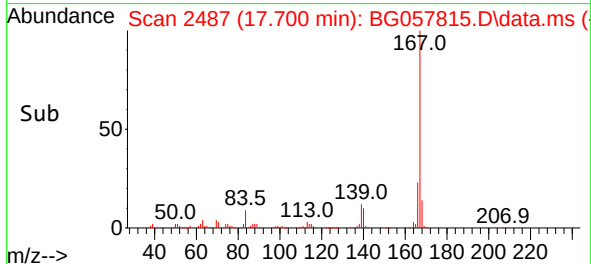
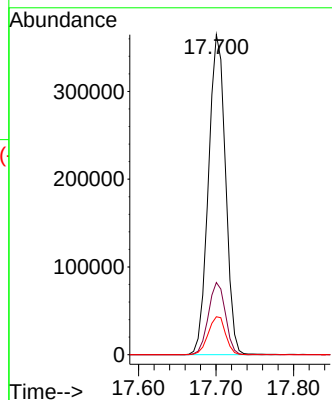
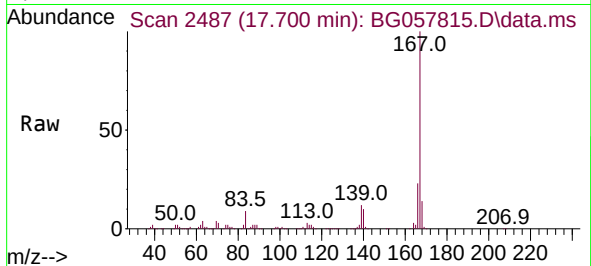
SSTDCCC040

Tgt Ion:167 Resp: 55898
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 11.8 9.9 14.9

Manual Integrations

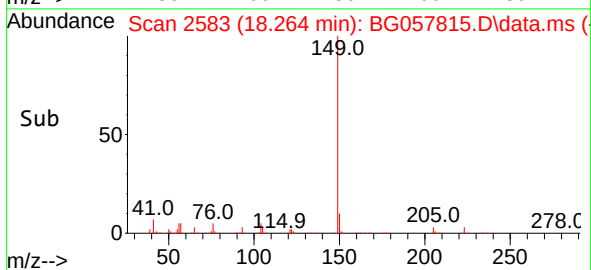
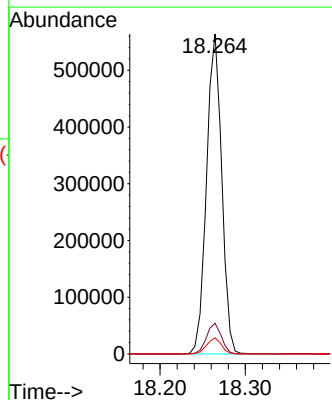
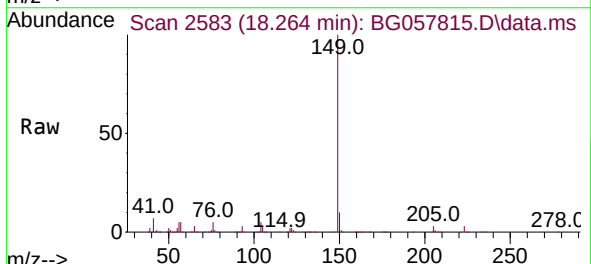
APPROVED

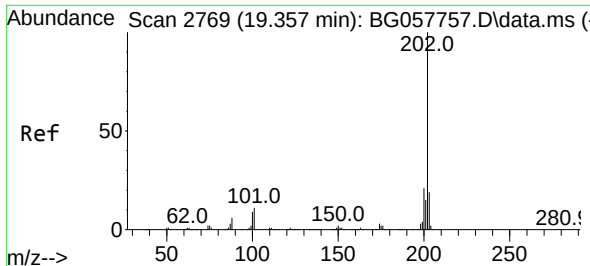
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#74
 Di-n-butylphthalate
 Concen: 41.775 ng
 RT: 18.264 min Scan# 2583
 Delta R.T. -0.006 min
 Lab File: BG057815.D
 Acq: 22 Jun 2023 19:34

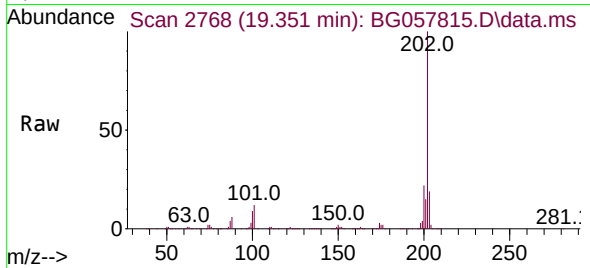
Tgt Ion:149 Resp: 696748
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 39.731 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

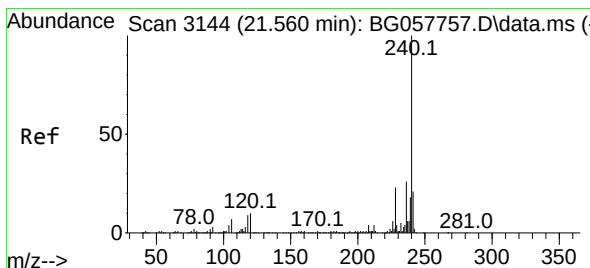
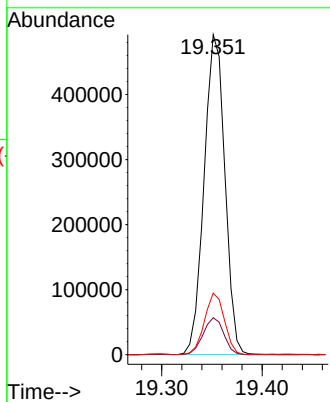
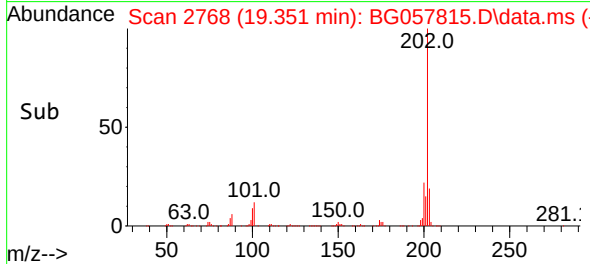
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 708129
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 19.2 0.0 38.7

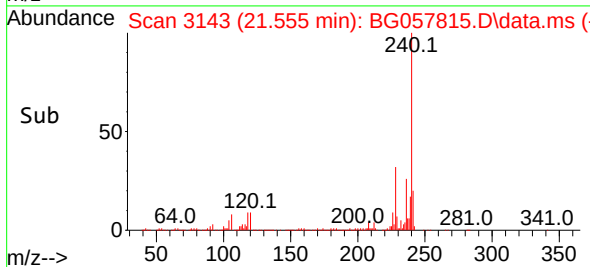
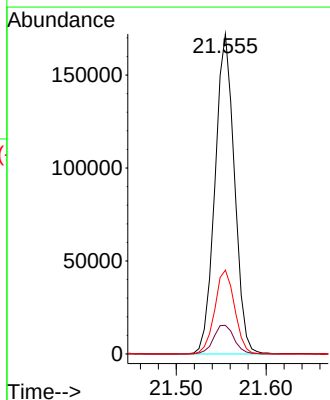
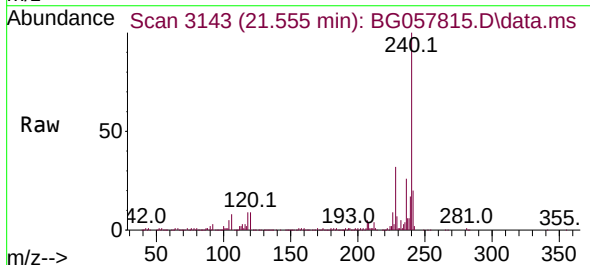
Manual Integrations
APPROVED

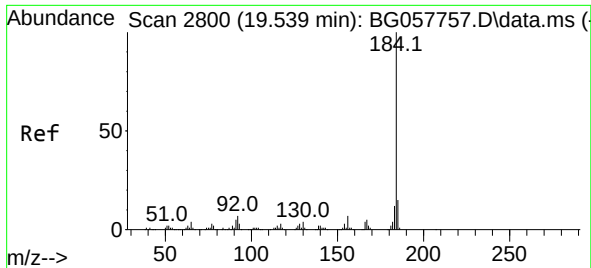
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:240 Resp: 258249
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 26.2 20.6 30.8





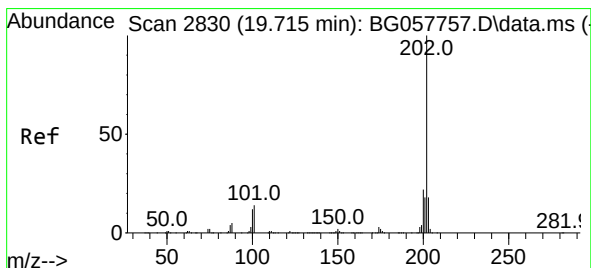
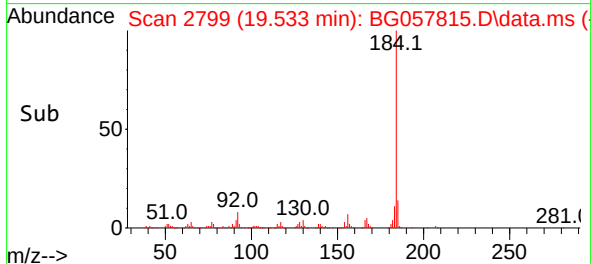
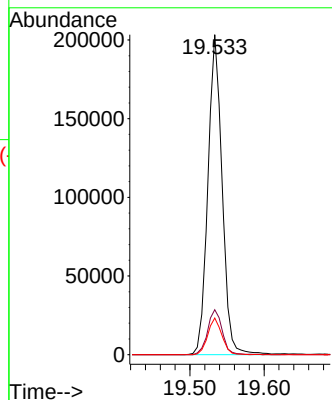
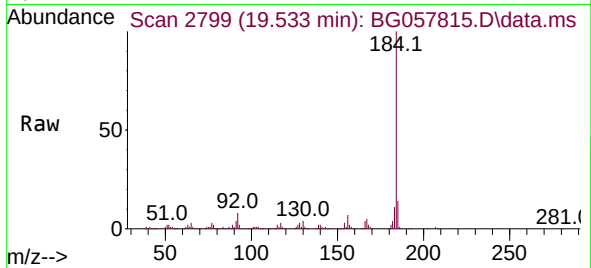
#77
Benzidine
Concen: 44.888 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 271735
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.5 9.4 14.0

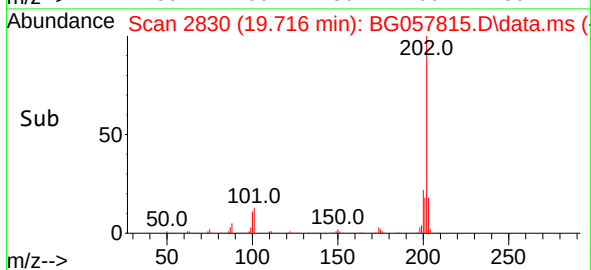
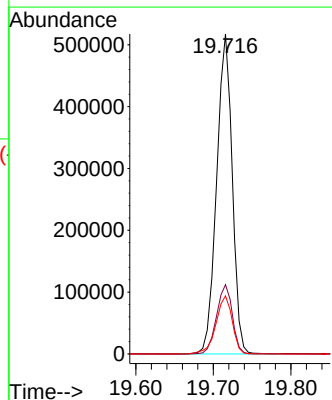
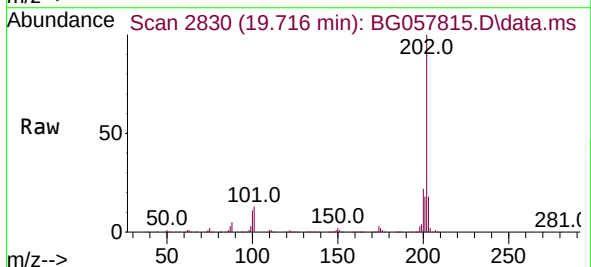
Manual Integrations
APPROVED

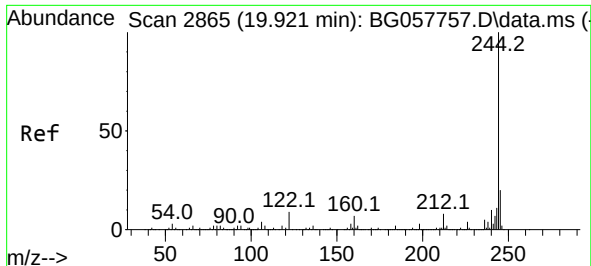
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#78
Pyrene
Concen: 39.304 ng
RT: 19.716 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:202 Resp: 724061
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.0
203 18.1 14.6 22.0





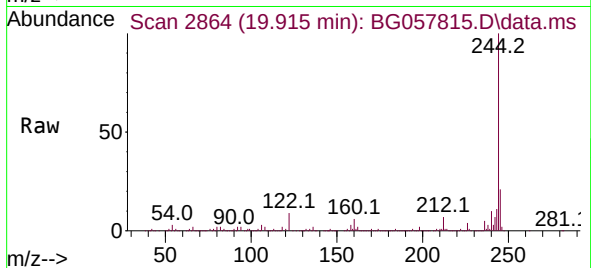
#79
 Terphenyl-d14
 Concen: 79.761 ng
 RT: 19.915 min Scan# 2864
 Delta R.T. -0.006 min
 Lab File: BG057815.D
 Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

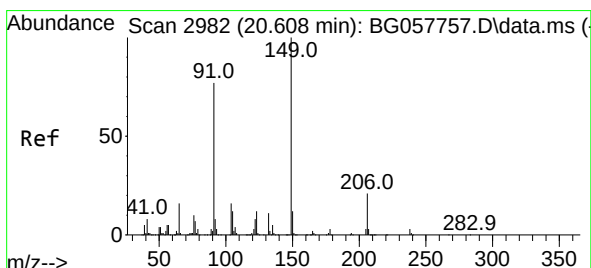
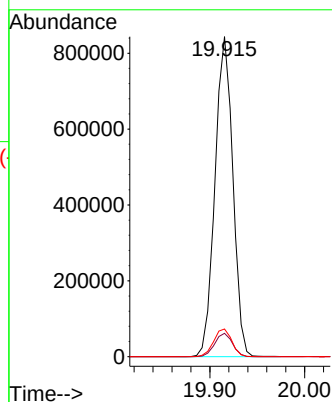
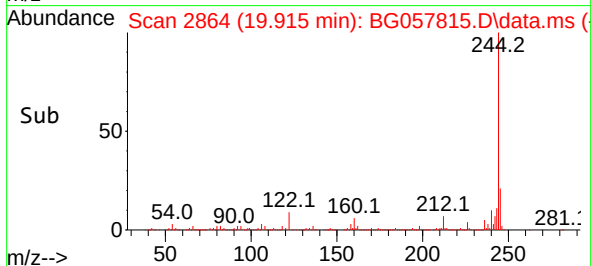


Tgt Ion:244 Resp: 1104660
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.7 7.6 11.4

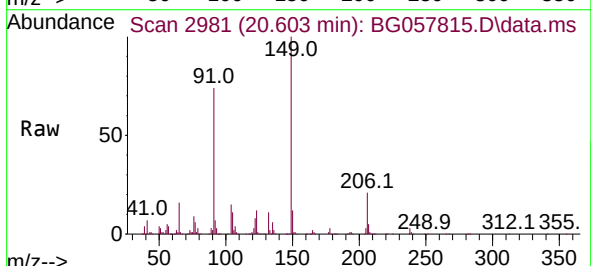
Manual Integrations

APPROVED

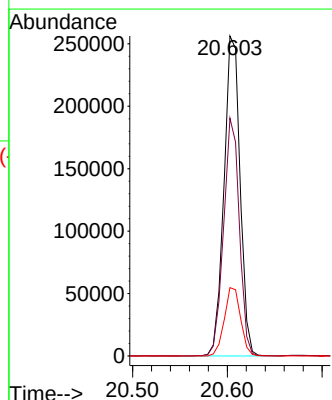
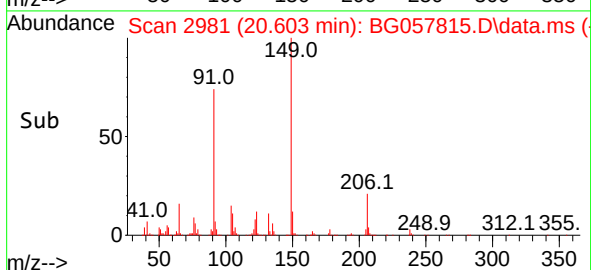
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

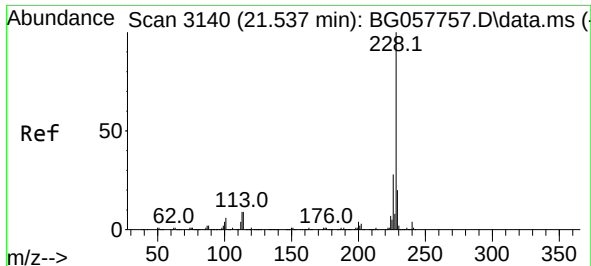


#80
 Butylbenzylphthalate
 Concen: 43.251 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.006 min
 Lab File: BG057815.D
 Acq: 22 Jun 2023 19:34



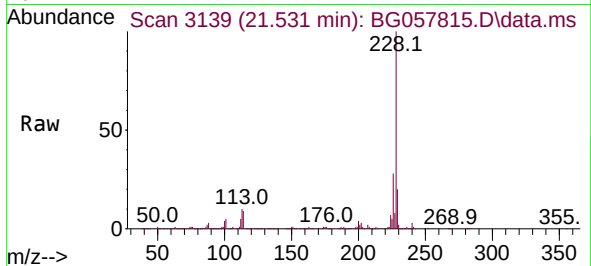
Tgt Ion:149 Resp: 303101
 Ion Ratio Lower Upper
 149 100
 91 74.3 61.7 92.5
 206 21.4 16.6 24.8





#81
Benzo(a)anthracene
Concen: 40.334 ng
RT: 21.531 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

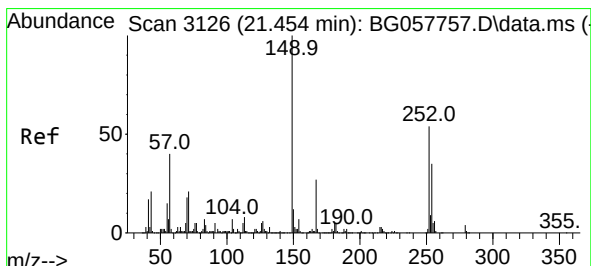
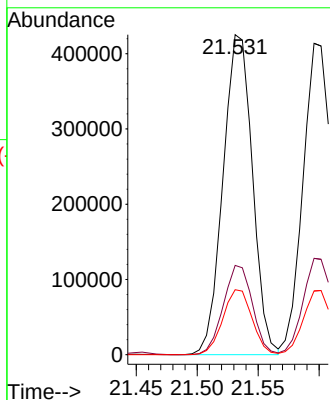
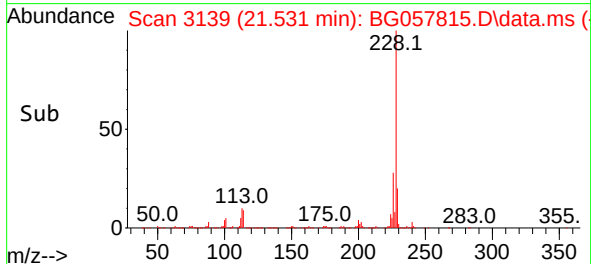
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 71465
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.3 16.3 24.5

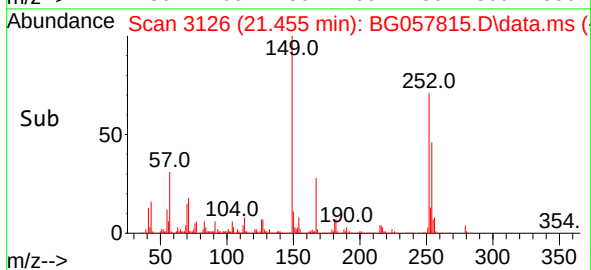
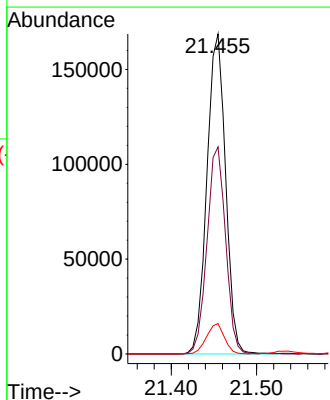
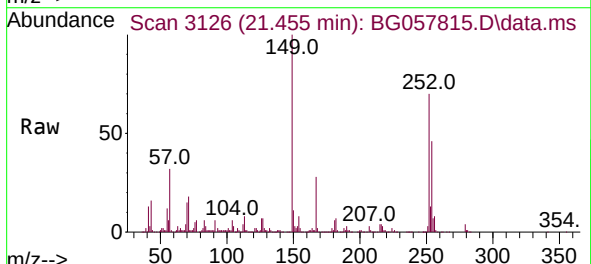
Manual Integrations
APPROVED

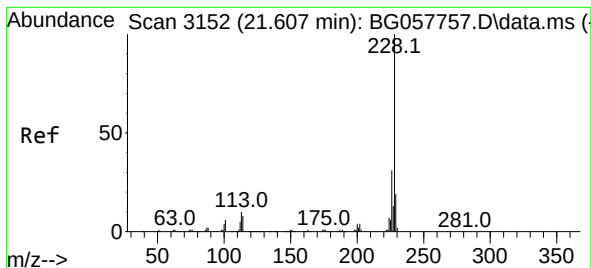
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 42.490 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:252 Resp: 256060
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.6
126 9.5 7.0 10.6





#83

Chrysene

Concen: 39.754 ng

RT: 21.596 min Scan# 3150

Delta R.T. -0.011 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

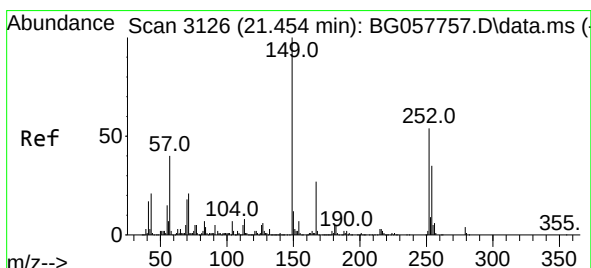
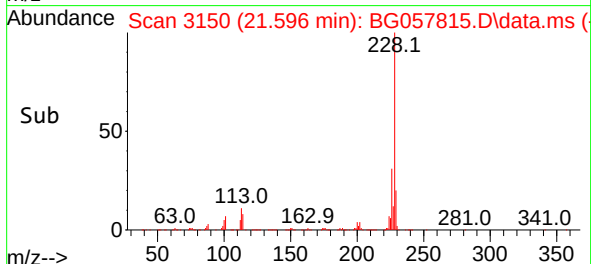
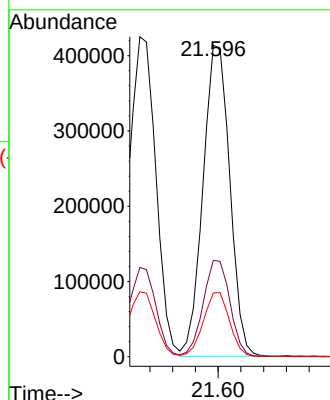
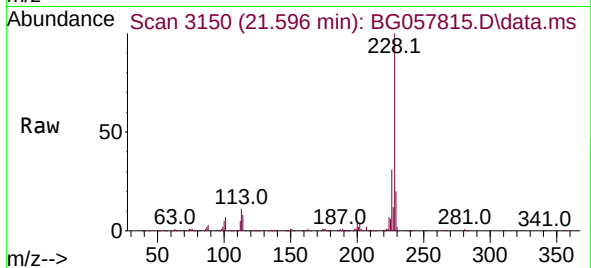
SSTDCCC040

Tgt Ion:228 Resp: 675970
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.8 37.2
 229 20.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.853 ng

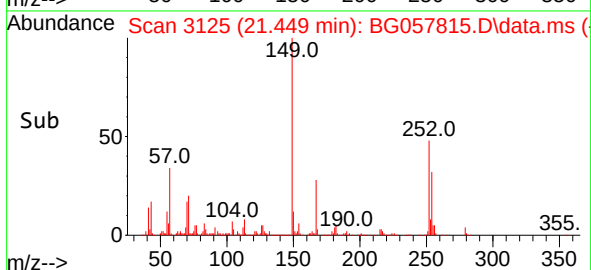
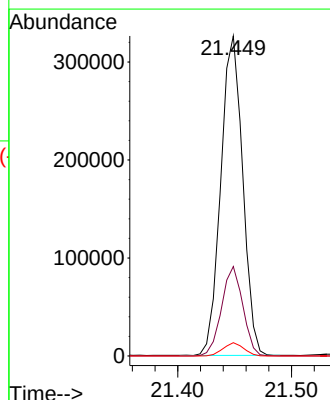
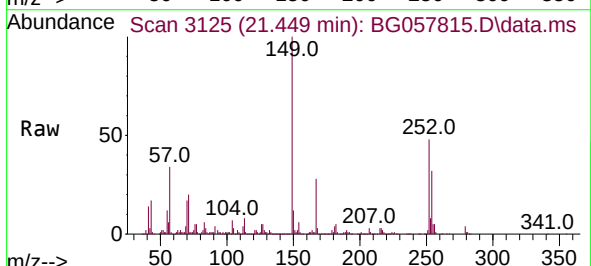
RT: 21.449 min Scan# 3125

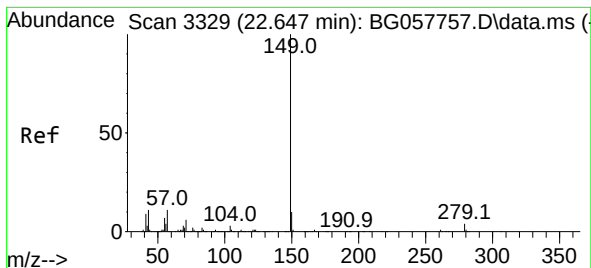
Delta R.T. -0.006 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

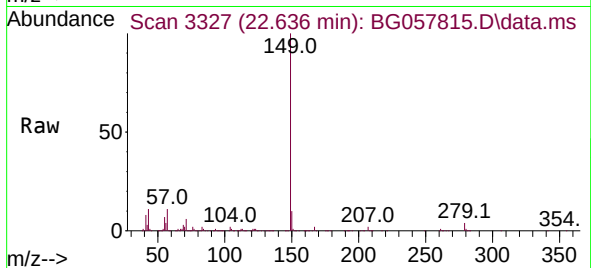
Tgt Ion:149 Resp: 436017
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.8 32.8
 279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 43.741 ng
RT: 22.636 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

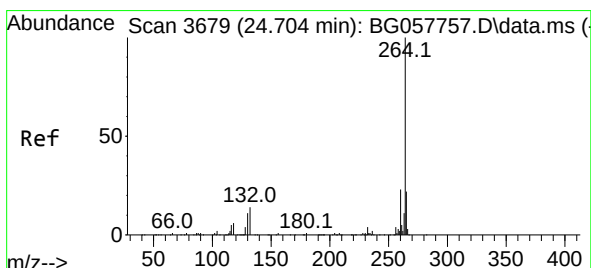
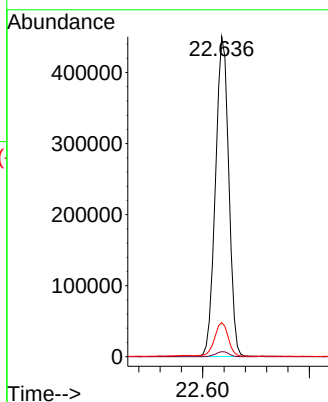
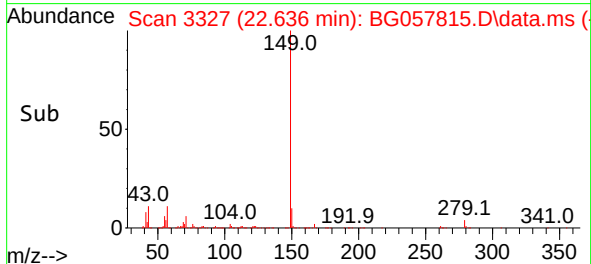
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 780600
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.6 14.4

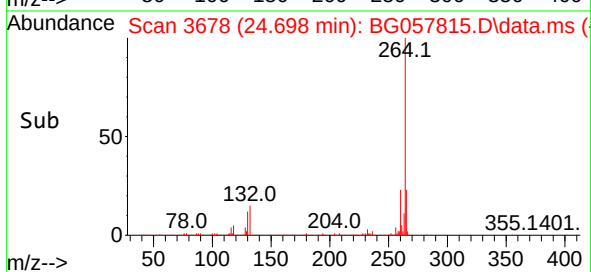
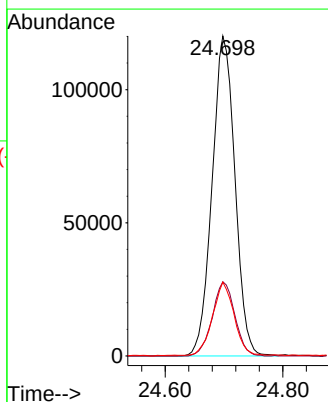
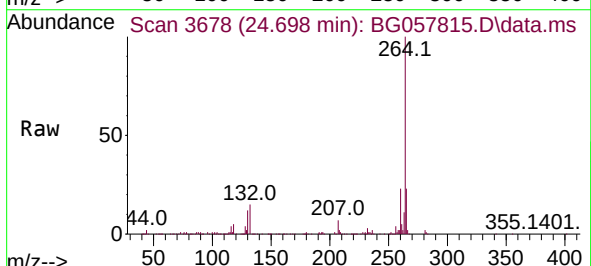
Manual Integrations
APPROVED

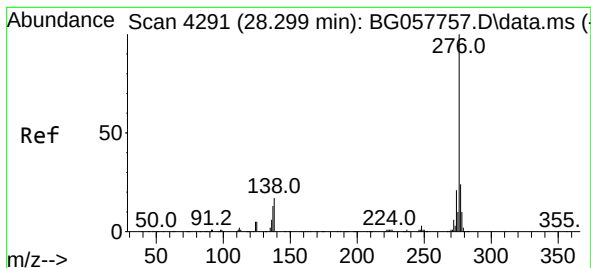
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3678
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:264 Resp: 323967
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 23.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.086 ng

RT: 28.288 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG057815.D

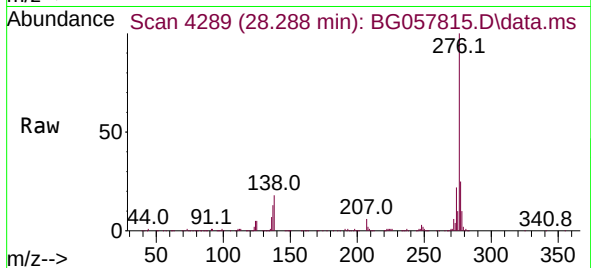
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 870260

Ion Ratio Lower Upper

276 100

138 14.9 11.3 16.9

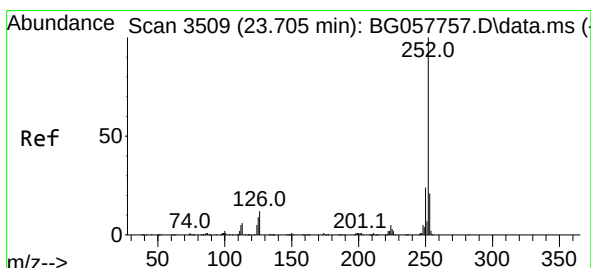
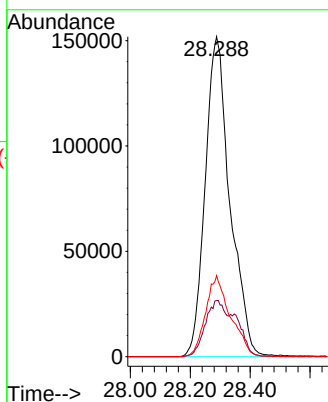
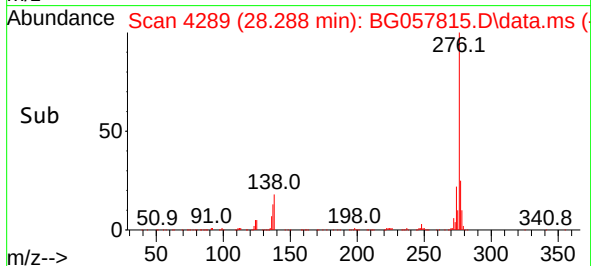
277 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#88

Benzo(b)fluoranthene

Concen: 40.322 ng

RT: 23.705 min Scan# 3509

Delta R.T. 0.000 min

Lab File: BG057815.D

Acq: 22 Jun 2023 19:34

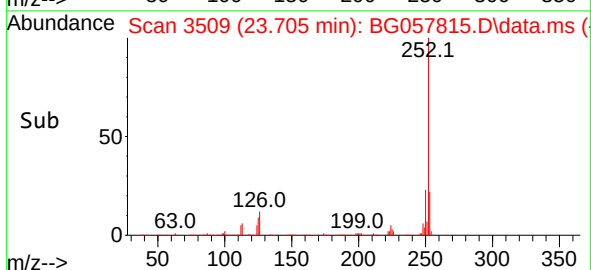
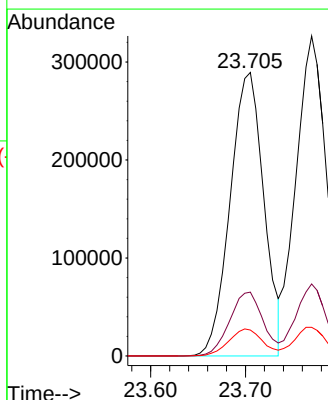
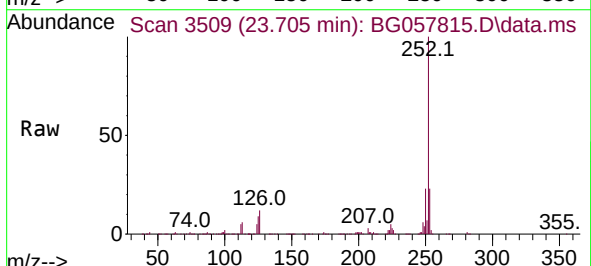
Tgt Ion:252 Resp: 715840

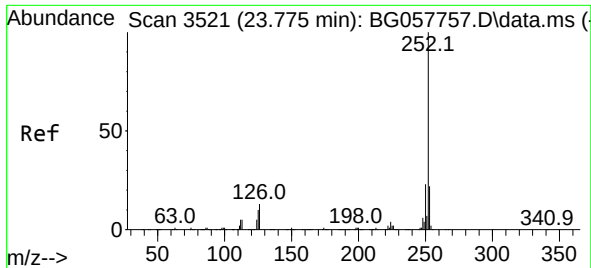
Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 9.2 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 40.275 ng
RT: 23.770 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

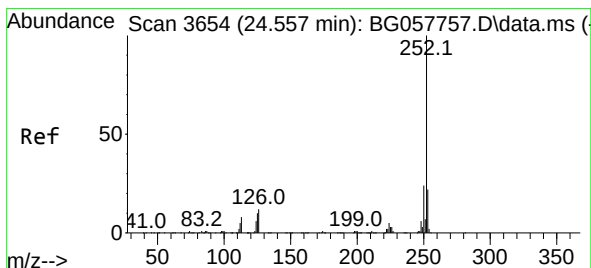
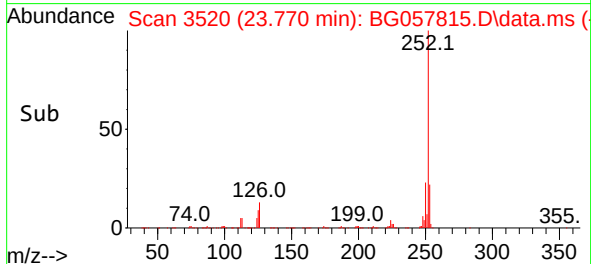
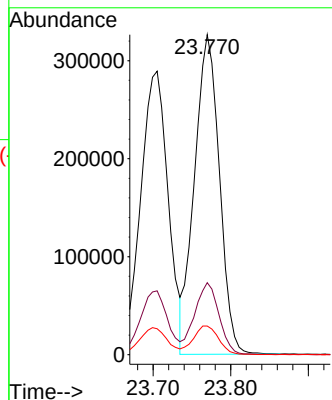
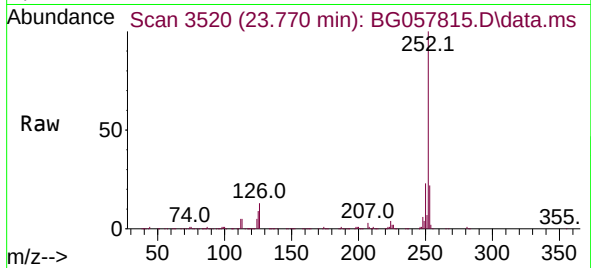
SSTDCCC040

Tgt Ion:252 Resp: 728209
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.0 7.6 11.4

Manual Integrations

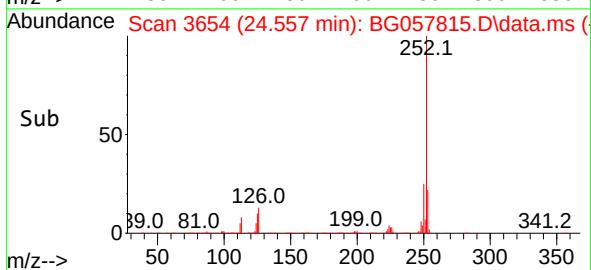
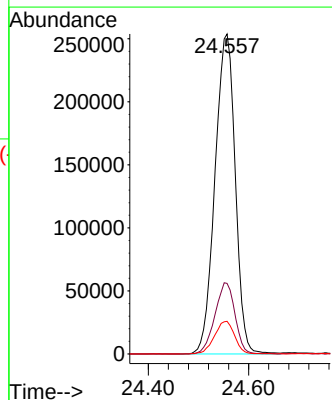
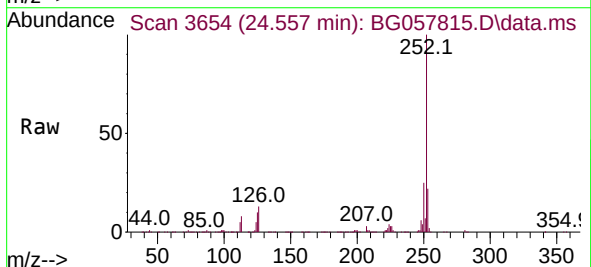
APPROVED

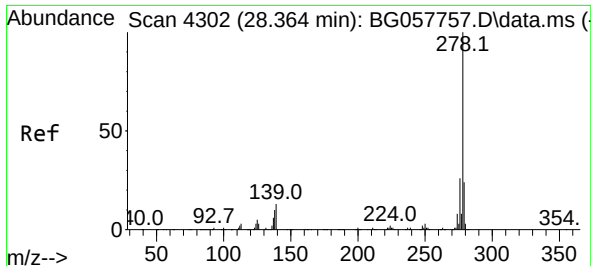
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 40.836 ng
RT: 24.557 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

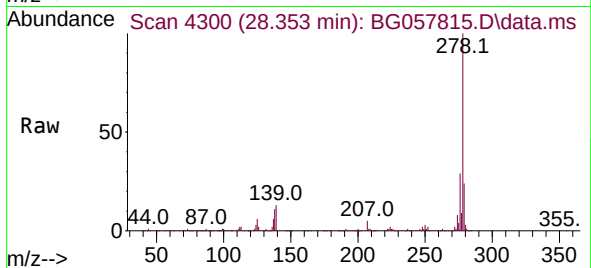
Tgt Ion:252 Resp: 711991
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.2 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 41.627 ng
RT: 28.353 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

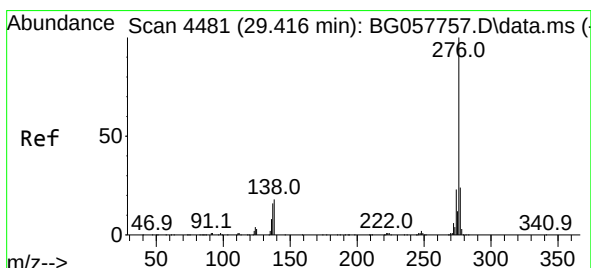
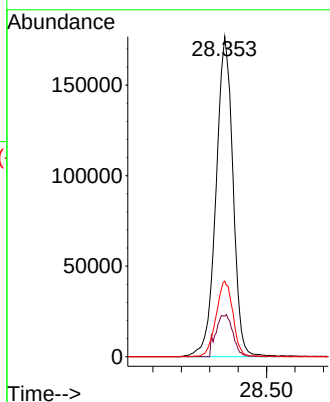
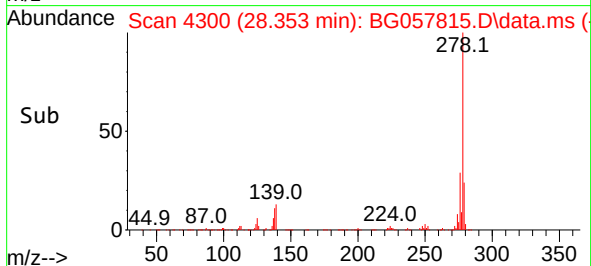
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 731570
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#92
Benzo(g,h,i)perylene
Concen: 40.946 ng
RT: 29.410 min Scan# 4480
Delta R.T. -0.006 min
Lab File: BG057815.D
Acq: 22 Jun 2023 19:34

Tgt Ion:276 Resp: 720525
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 19.3 14.2 21.4

