

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059815.D
 Acq On : 22 Nov 2023 12:33
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 13:08:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	33283	20.000	ng	-0.01
21) Naphthalene-d8	11.181	136	149279	20.000	ng	#-0.01
39) Acenaphthene-d10	14.964	164	143424	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	342028	20.000	ng	# 0.00
76) Chrysene-d12	22.044	240	267937	20.000	ng	# 0.00
86) Perylene-d12	25.634	264	300662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	145291	73.474	ng	0.00
7) Phenol-d6	7.456	99	217949	74.376	ng	0.00
23) Nitrobenzene-d5	9.536	82	316105	80.873	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	158633	97.481	ng	0.00
45) 2-Fluorobiphenyl	13.584	172	923493	86.671	ng	-0.01
79) Terphenyl-d14	20.294	244	1672178	92.132	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.666	88	51896	55.876	ng	93
3) Pyridine	4.083	79	149400	58.895	ng	# 94
4) n-Nitrosodimethylamine	4.013	42	67531	50.041	ng	# 68
6) Aniline	7.661	93	142689	36.897	ng	# 93
8) 2-Chlorophenol	7.885	128	86954	40.534	ng	91
9) Benzaldehyde	7.473	77	73144	36.926	ng	85
10) Phenol	7.485	94	114588	37.941	ng	100
11) bis(2-Chloroethyl)ether	7.749	93	64673	34.399	ng	90
12) 1,3-Dichlorobenzene	8.214	146	92875	38.976	ng	94
13) 1,4-Dichlorobenzene	8.372	146	90707	37.907	ng	96
14) 1,2-Dichlorobenzene	8.689	146	85587	36.001	ng	87
15) Benzyl Alcohol	8.578	79	134240	40.172	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.854	45	24387m	35.256	ng	
17) 2-Methylphenol	8.754	107	89256	40.124	ng	90
18) Hexachloroethane	9.424	117	42583	41.928	ng	88
19) n-Nitroso-di-n-propyla...	9.142	70	84870	36.778	ng	# 91
20) 3+4-Methylphenols	9.089	107	120006	38.860	ng	99
22) Acetophenone	9.177	105	175868	41.613	ng	# 95
24) Nitrobenzene	9.577	77	137682	38.247	ng	96
25) Isophorone	10.088	82	241989	36.878	ng	# 96
26) 2-Nitrophenol	10.288	139	55769	42.257	ng	91
27) 2,4-Dimethylphenol	10.311	122	100778	37.556	ng	92
28) bis(2-Chloroethoxy)met...	10.564	93	94878	38.477	ng	98
29) 2,4-Dichlorophenol	10.805	162	93891	40.983	ng	91
30) 1,2,4-Trichlorobenzene	11.028	180	99171	42.831	ng	95
31) Naphthalene	11.234	128	301555	40.173	ng	97
32) Benzoic acid	10.393	122	38286m	20.965	ng	
33) 4-Chloroaniline	11.351	127	127795	40.027	ng	97
34) Hexachlorobutadiene	11.457	225	68659	43.570	ng	94
35) Caprolactam	12.150	113	31600	37.740	ng	88
36) 4-Chloro-3-methylphenol	12.426	107	130962	42.982	ng	97
37) 2-Methylnaphthalene	12.814	142	350292	55.407	ng	92
38) 1-Methylnaphthalene	13.026	142	333948	57.279	ng	92
40) 1,2,4,5-Tetrachloroben...	13.155	216	169117	43.661	ng	98
41) Hexachlorocyclopentadiene	13.108	237	157368	64.769	ng	89
43) 2,4,6-Trichlorophenol	13.396	196	119521	44.374	ng	86

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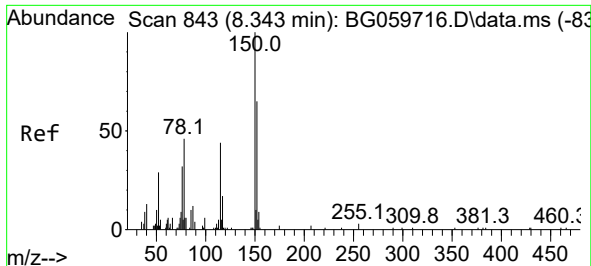
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.472	196	135147	42.702	ng	# 80
46) 1,1'-Biphenyl	13.801	154	473170	42.031	ng	97
47) 2-Chloronaphthalene	13.854	162	334582	43.254	ng	# 87
48) 2-Nitroaniline	14.071	65	126507	45.807	ng	96
49) Acenaphthylene	14.694	152	566398	42.943	ng	# 96
50) Dimethylphthalate	14.406	163	499064	44.902	ng	98
51) 2,6-Dinitrotoluene	14.547	165	94837	44.978	ng	88
52) Acenaphthene	15.029	154	344435	43.422	ng	94
53) 3-Nitroaniline	14.888	138	104414	42.306	ng	98
54) 2,4-Dinitrophenol	15.082	184	34355	21.927	ng	# 78
55) Dibenzofuran	15.358	168	549335	42.004	ng	94
56) 4-Nitrophenol	15.164	139	75615	40.046	ng	# 91
57) 2,4-Dinitrotoluene	15.329	165	144444	44.546	ng	94
58) Fluorene	16.010	166	477511	43.948	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.570	232	122772	44.130	ng	96
60) Diethylphthalate	15.746	149	524920	44.036	ng	98
61) 4-Chlorophenyl-phenyle...	15.987	204	247635	44.279	ng	98
62) 4-Nitroaniline	16.051	138	97580	39.450	ng	95
63) Azobenzene	16.286	77	553752	41.803	ng	96
65) 4,6-Dinitro-2-methylph...	16.075	198	61451	29.399	ng	99
66) n-Nitrosodiphenylamine	16.210	169	431190	43.157	ng	98
67) 4-Bromophenyl-phenylether	16.892	248	169733	46.193	ng	# 86
68) Hexachlorobenzene	16.980	284	152476	44.461	ng	# 91
69) Atrazine	17.144	200	131119	40.932	ng	94
70) Pentachlorophenol	17.338	266	99516	38.036	ng	93
71) Phenanthrene	17.761	178	772192	44.406	ng	98
72) Anthracene	17.849	178	768457	42.532	ng	97
73) Carbazole	18.125	167	649417	41.143	ng	97
74) Di-n-butylphthalate	18.625	149	812721	42.596	ng	98
75) Fluoranthene	19.753	202	839407	40.251	ng	100
77) Benzidine	19.935	184	220014	36.212	ng	# 92
78) Pyrene	20.117	202	826092	45.314	ng	98
80) Butylbenzylphthalate	20.969	149	340623	45.567	ng	99
81) Benzo(a)anthracene	22.027	228	765674	41.765	ng	99
82) 3,3'-Dichlorobenzidine	21.933	252	292502	42.826	ng	90
83) Chrysene	22.097	228	726269	43.216	ng	95
84) Bis(2-ethylhexyl)phtha...	21.845	149	448916	42.959	ng	# 94
85) Di-n-octyl phthalate	23.184	149	725478	36.063	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.794	276	904303m	39.749	ng	
88) Benzo(b)fluoranthene	24.477	252	763194	46.313	ng	96
89) Benzo(k)fluoranthene	24.547	252	743738	45.651	ng	# 99
90) Benzo(a)pyrene	25.464	252	719889	40.933	ng	95
91) Dibenzo(a,h)anthracene	29.888	278	751228	39.030	ng	# 91
92) Benzo(g,h,i)perylene	31.134	276	708455	38.792	ng	100

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



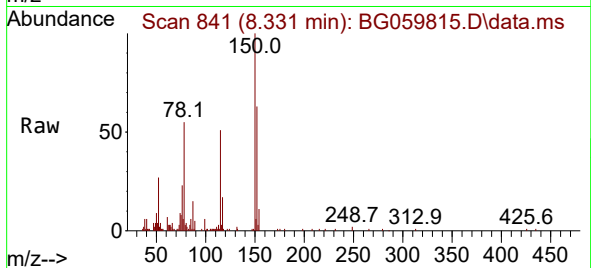
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

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BNA_G

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SSTDCCC040



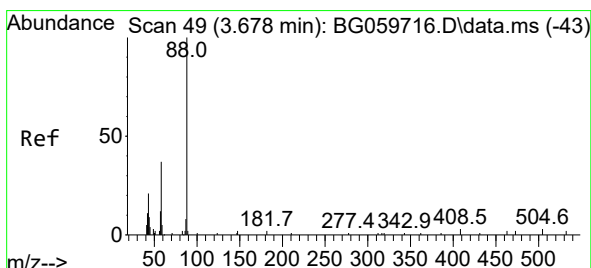
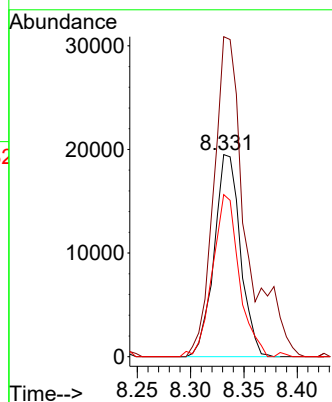
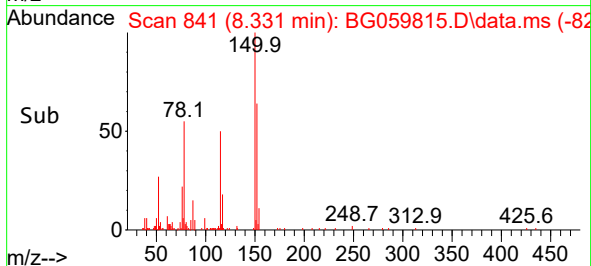
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Ion Ratio Lower Upper
152 100
150 158.4 122.2 183.4
115 80.2 54.2 81.4

Manual Integrations

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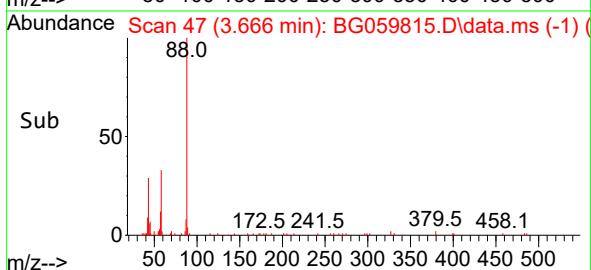
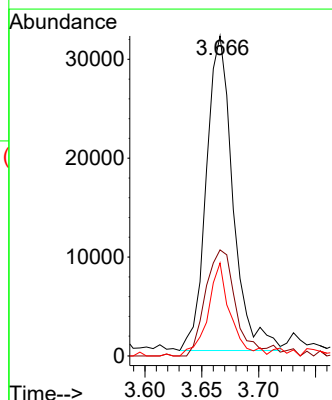
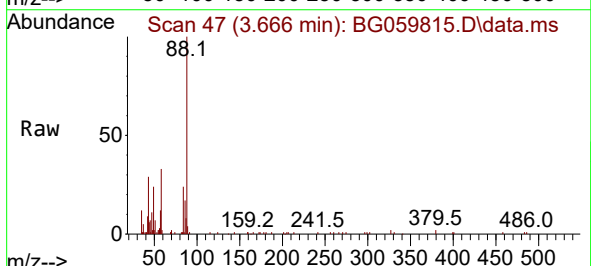
Reviewed By :Yogesh Patel 11/23/2023

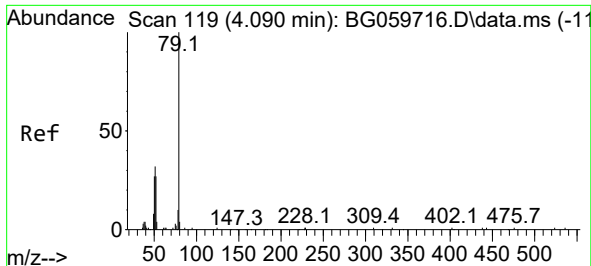
Supervised By :mohammad ahmed 11/25/2023



#2
1,4-Dioxane
Concen: 55.876 ng
RT: 3.666 min Scan# 47
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion: 88 Resp: 51896
Ion Ratio Lower Upper
88 100
58 40.0 28.6 42.8
43 24.9 17.5 26.3





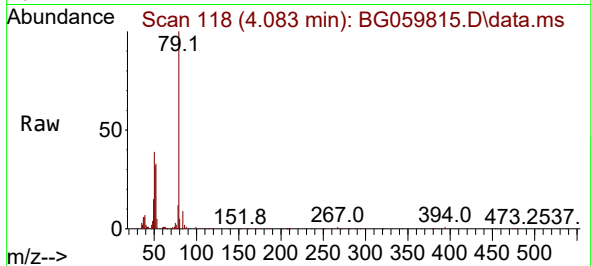
#3
Pyridine
Concen: 58.895 ng
RT: 4.083 min Scan# 119
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

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ClientSampleId :

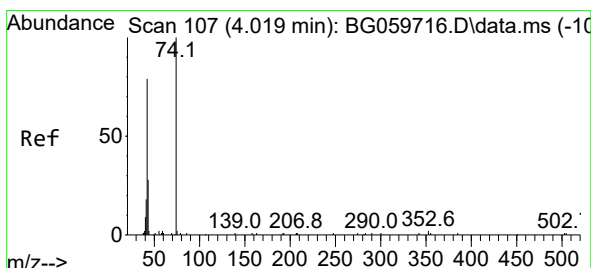
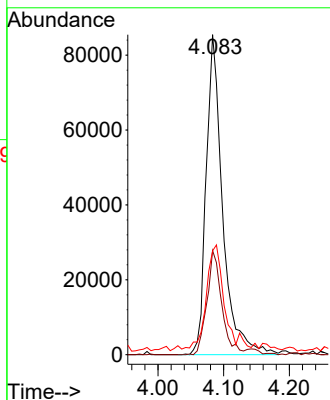
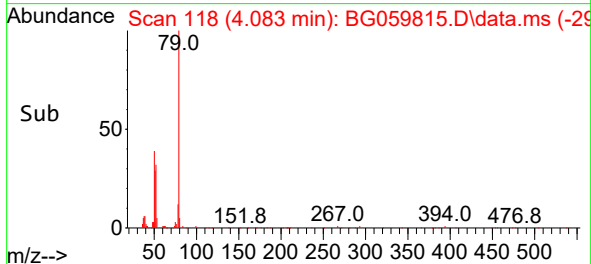
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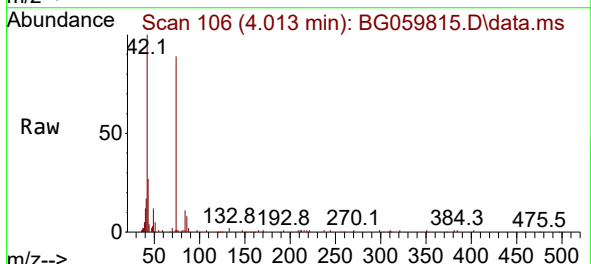
Tgt Ion: 79 Resp: 149400
Ion Ratio Lower Upper
79 100
52 32.5 21.6 32.4#
51 32.4 25.3 37.9#

Manual Integrations
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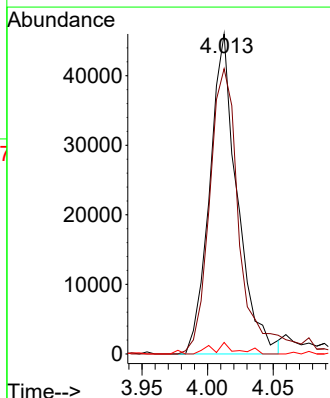
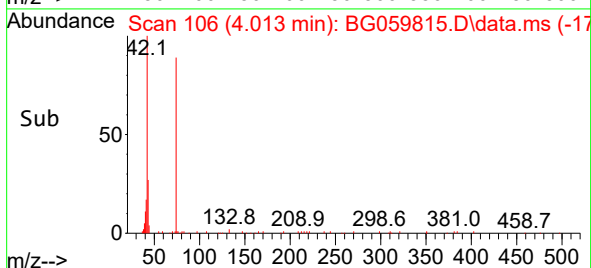
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Supervised By :mohammad ahmed 11/25/2023

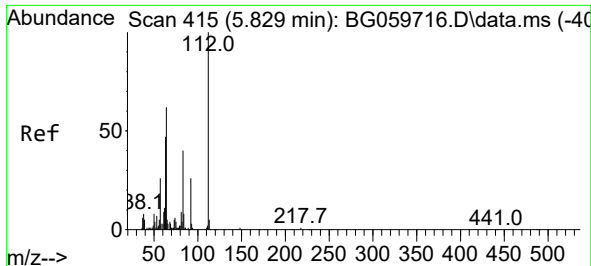


#4
n-Nitrosodimethylamine
Concen: 50.041 ng
RT: 4.013 min Scan# 106
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion: 42 Resp: 67531
Ion Ratio Lower Upper
42 100
74 89.1 101.2 151.8#
44 3.6 2.4 3.6#





#5
2-Fluorophenol
Concen: 73.474 ng
RT: 5.822 min Scan# 415
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

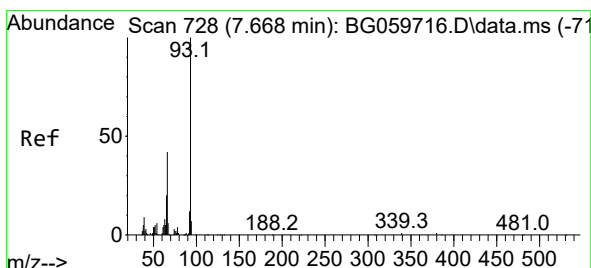
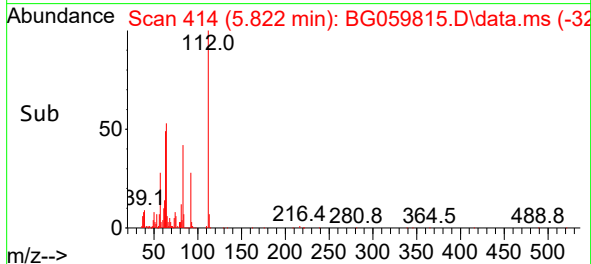
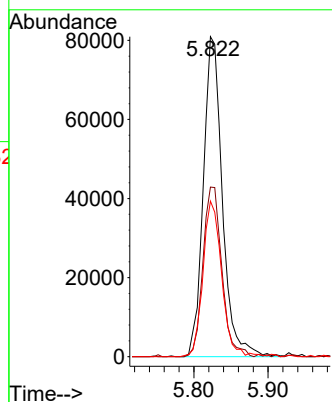
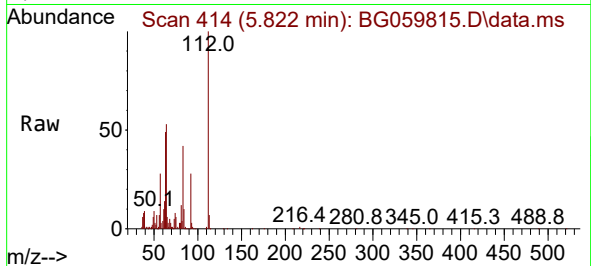
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 14529
Ion Ratio Lower Upper
112 100
64 53.0 49.5 74.3
63 48.6 37.4 56.2

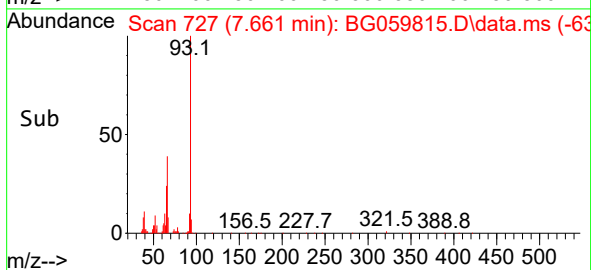
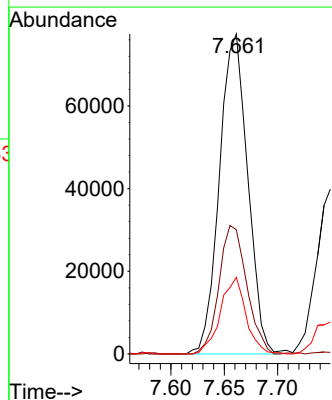
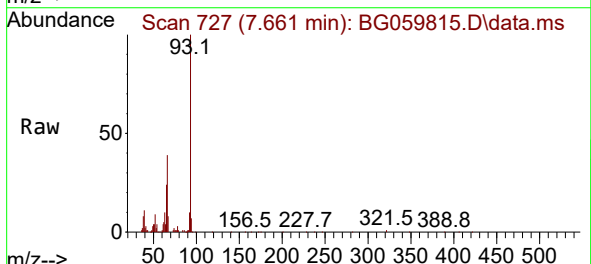
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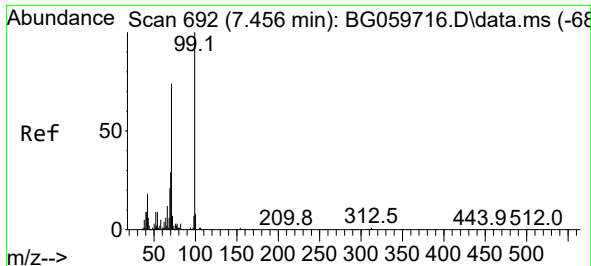
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#6
Aniline
Concen: 36.897 ng
RT: 7.661 min Scan# 727
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

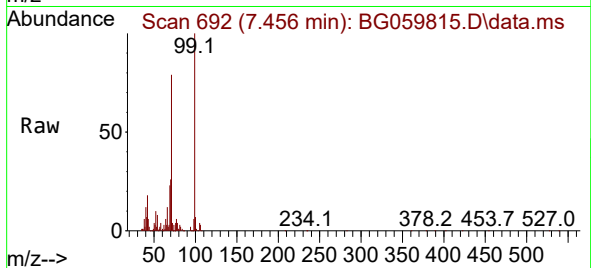
Tgt Ion: 93 Resp: 142689
Ion Ratio Lower Upper
93 100
66 38.8 33.9 50.9
65 24.0 15.8 23.8#





#7
Phenol-d6
Concen: 74.376 ng
RT: 7.456 min Scan# 692
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

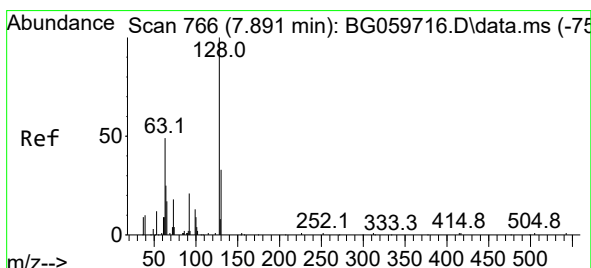
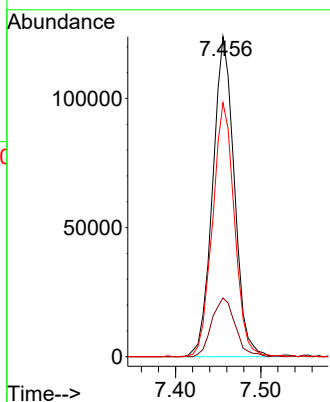
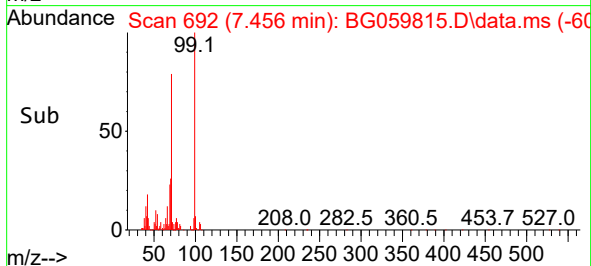
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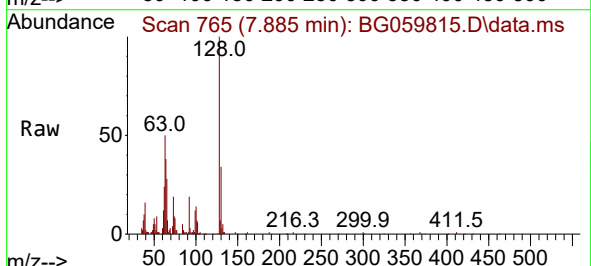
Tgt Ion: 99 Resp: 217949
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 79.3 59.3 88.9

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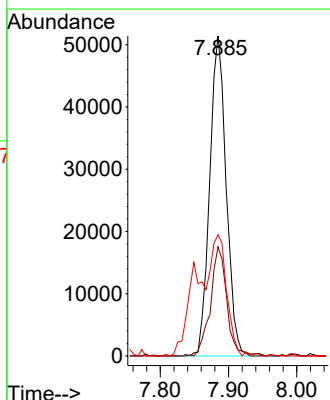
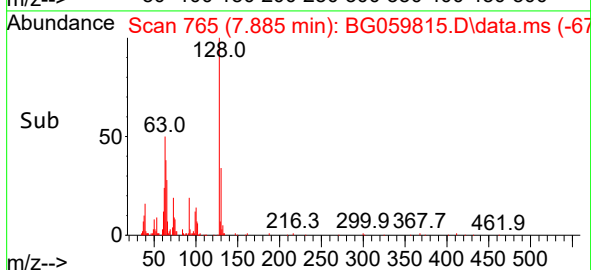
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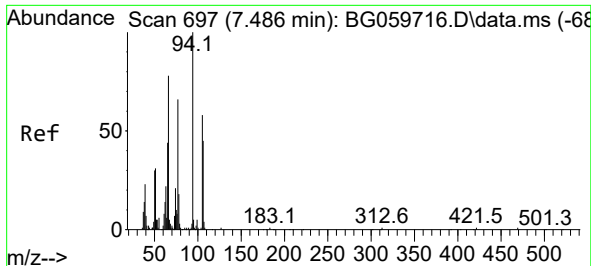


#8
2-Chlorophenol
Concen: 40.534 ng
RT: 7.885 min Scan# 765
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:128 Resp: 86954
Ion Ratio Lower Upper
128 100
130 34.1 13.1 53.1
64 37.9 27.0 67.0





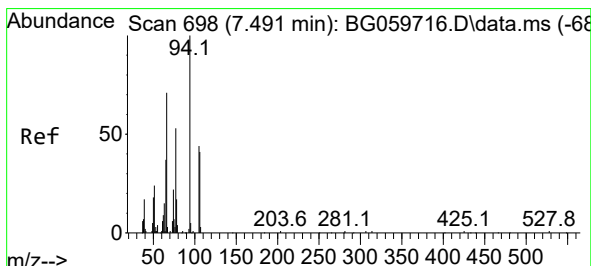
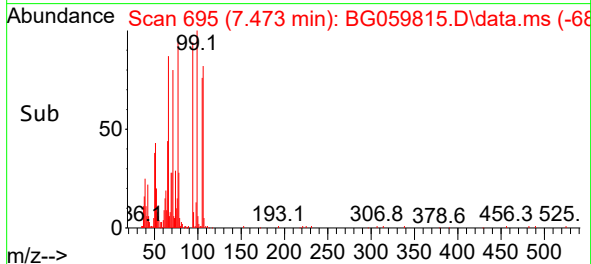
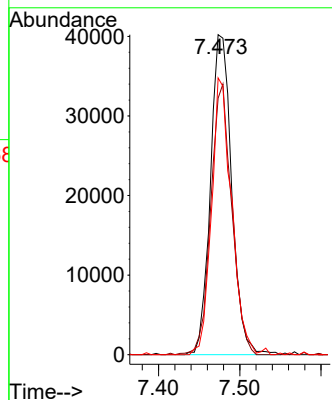
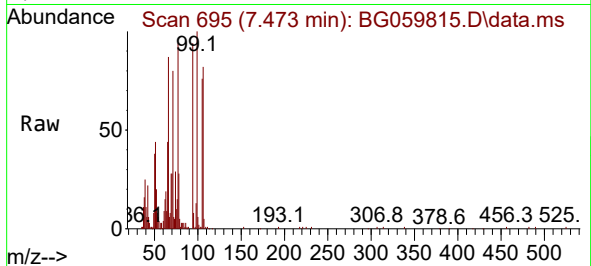
#9
Benzaldehyde
Concen: 36.926 ng
RT: 7.473 min Scan# 695
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :
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ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 73144
Ion Ratio Lower Upper
77 100
105 80.1 68.0 108.0
106 86.5 48.1 88.1

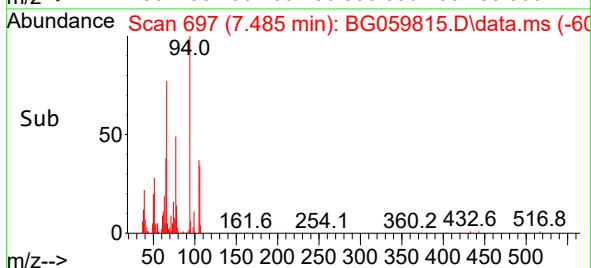
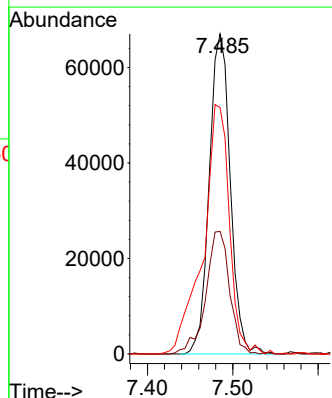
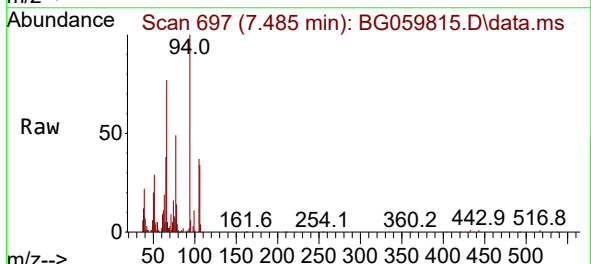
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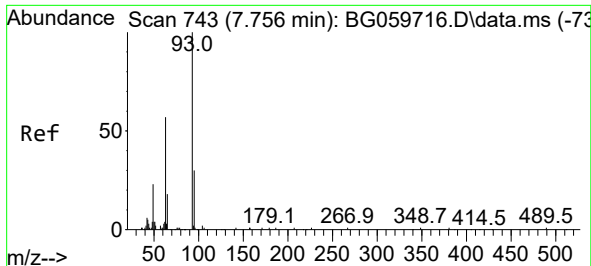
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#10
Phenol
Concen: 37.941 ng
RT: 7.485 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

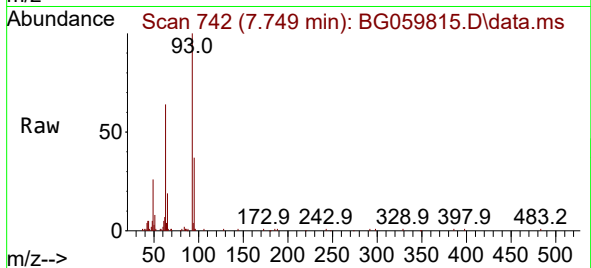
Tgt Ion: 94 Resp: 114588
Ion Ratio Lower Upper
94 100
65 38.3 18.1 58.1
66 77.0 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 34.399 ng
RT: 7.749 min Scan# 743
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

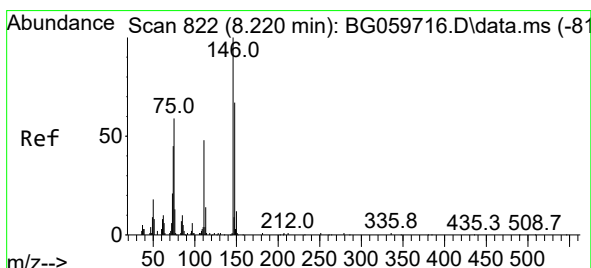
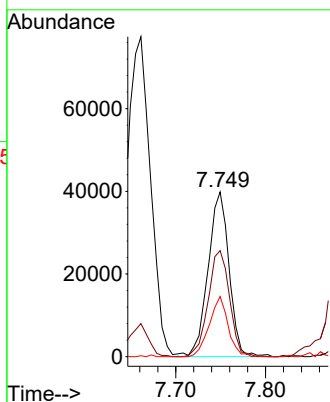
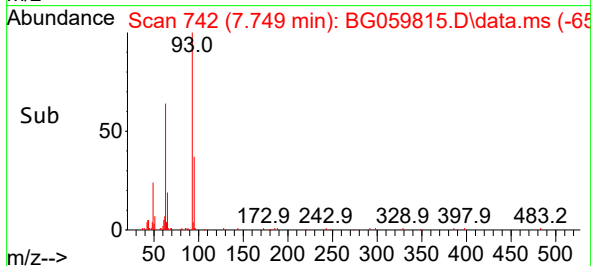
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



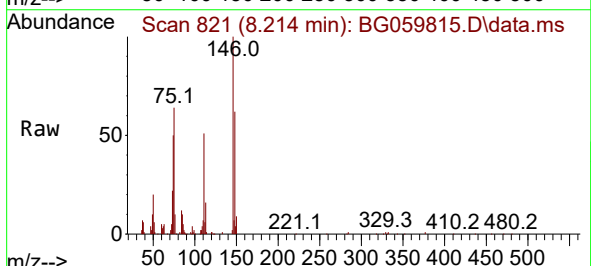
Tgt Ion: 93 Resp: 6467
Ion Ratio Lower Upper
93 100
63 64.3 37.2 77.2
95 36.5 10.2 50.2

Manual Integrations
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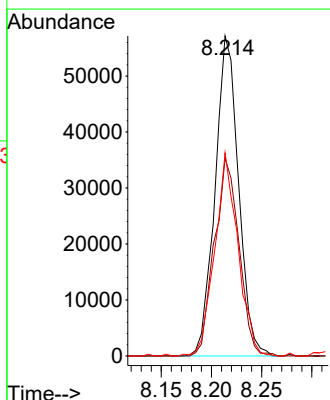
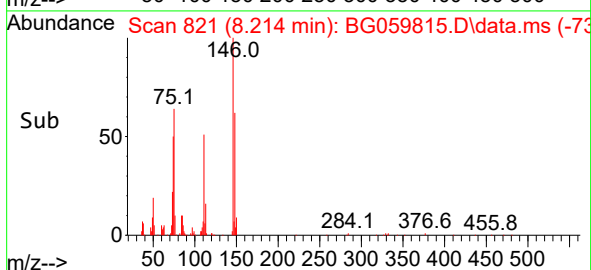
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

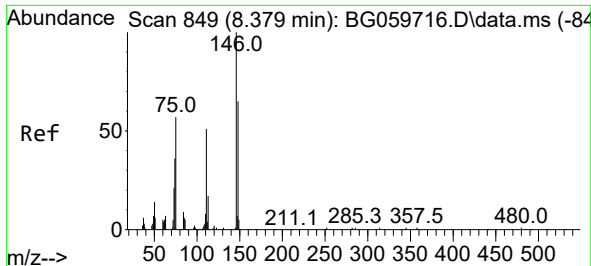


#12
1,3-Dichlorobenzene
Concen: 38.976 ng
RT: 8.214 min Scan# 821
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



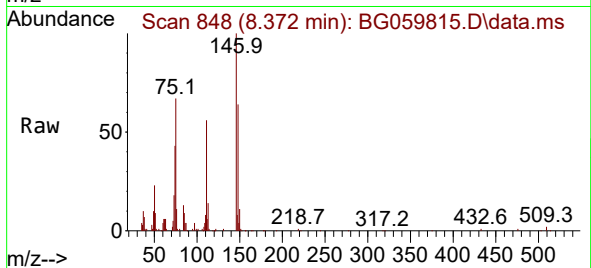
Tgt Ion:146 Resp: 92875
Ion Ratio Lower Upper
146 100
148 61.8 53.9 80.9
75 63.5 47.5 71.3





#13
1,4-Dichlorobenzene
Concen: 37.907 ng
RT: 8.372 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

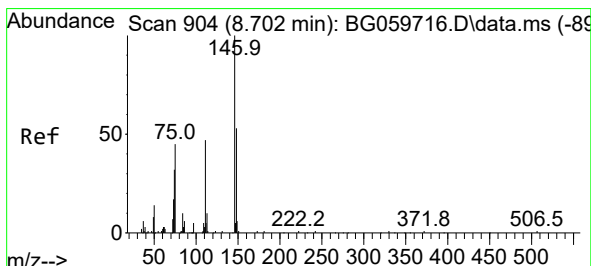
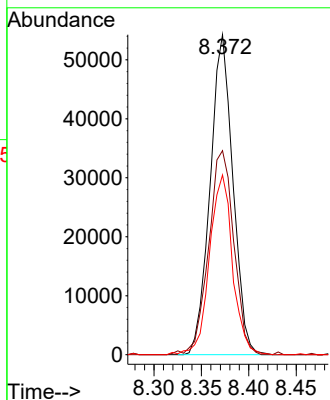
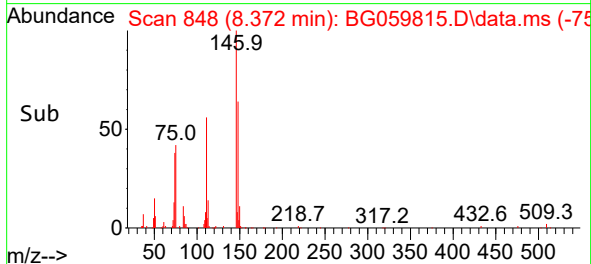
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:146 Resp: 9070
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
111 56.2 41.2 61.8

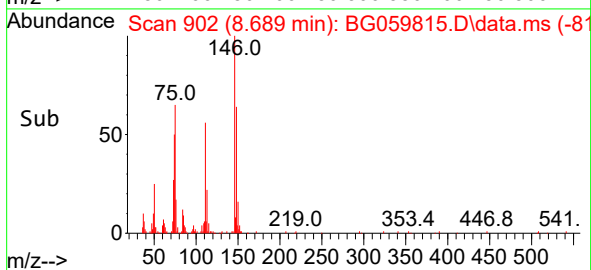
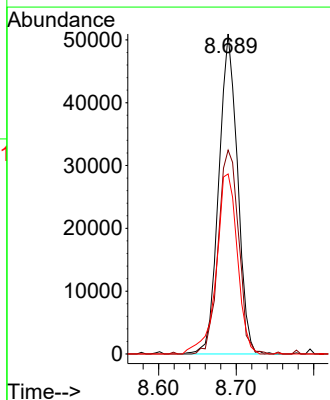
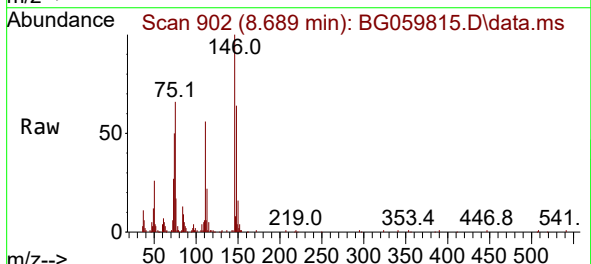
Manual Integrations
APPROVED

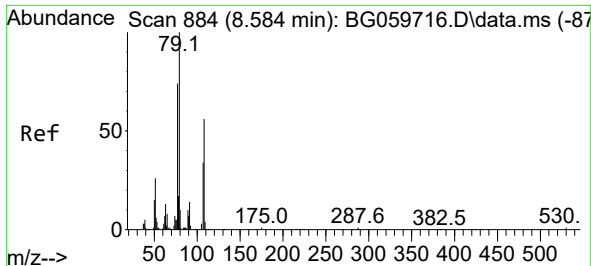
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#14
1,2-Dichlorobenzene
Concen: 36.001 ng
RT: 8.689 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

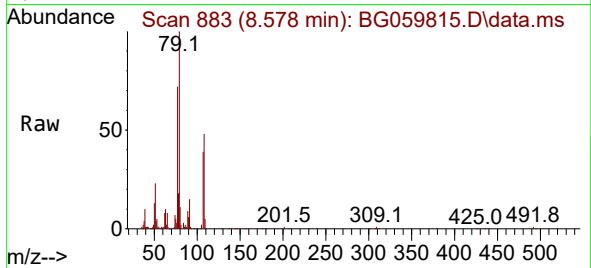
Tgt Ion:146 Resp: 85587
Ion Ratio Lower Upper
146 100
148 63.7 43.1 64.7
111 56.3 38.3 57.5





#15
Benzyl Alcohol
Concen: 40.172 ng
RT: 8.578 min Scan# 884
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

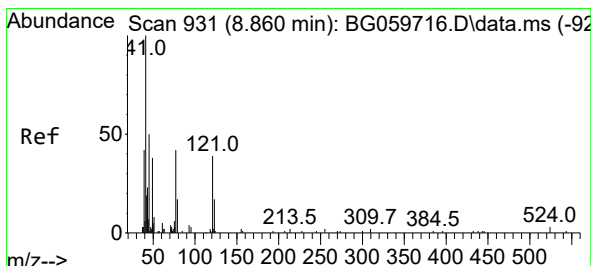
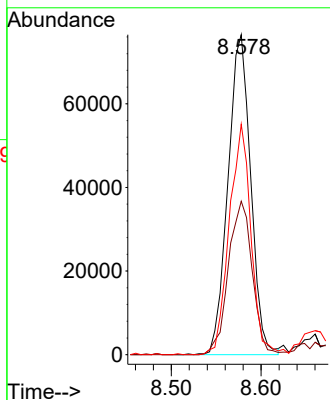
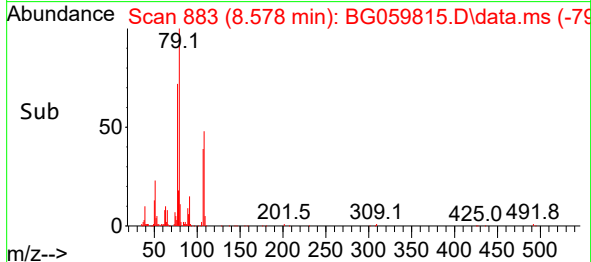
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 134240
Ion Ratio Lower Upper
79 100
108 47.9 45.4 68.2
77 72.0 59.4 89.2

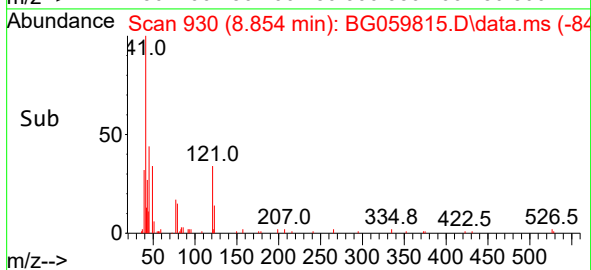
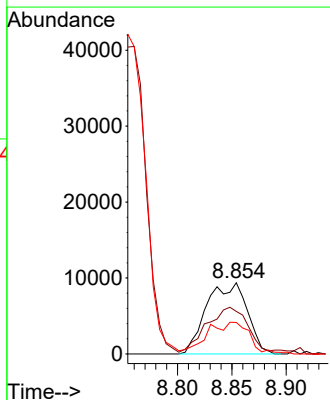
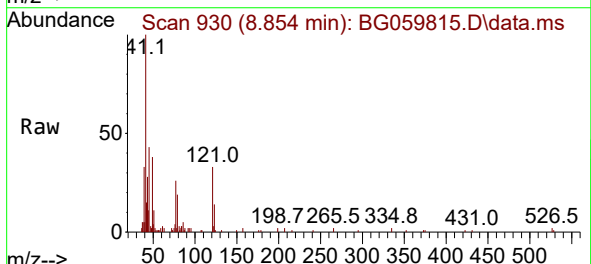
Manual Integrations
APPROVED

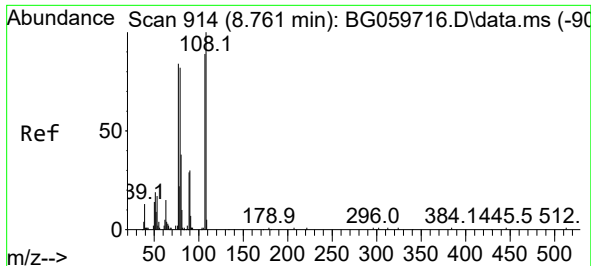
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.256 ng m
RT: 8.854 min Scan# 930
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion: 45 Resp: 24387
Ion Ratio Lower Upper
45 100
77 59.8 63.6 103.6#
79 44.2 19.6 59.6





#17
2-Methylphenol
Concen: 40.124 ng
RT: 8.754 min Scan# 914
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

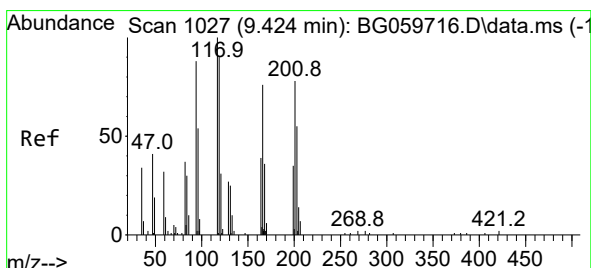
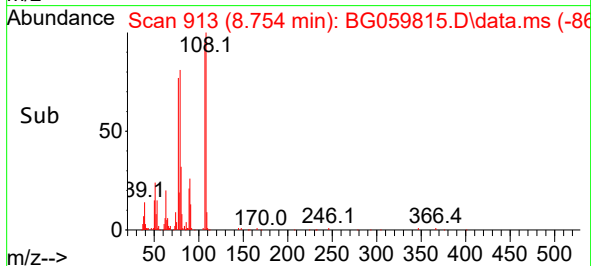
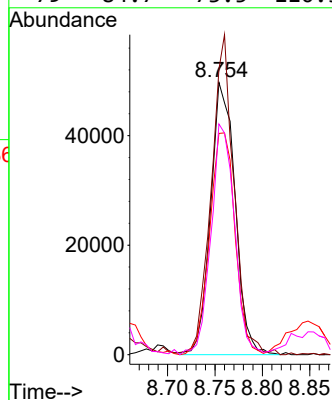
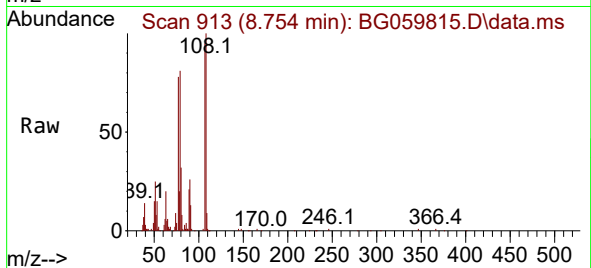
SSTDCCC040

Tgt Ion:107 Resp: 89250
Ion Ratio Lower Upper
107 100
108 104.8 90.0 135.0
77 81.2 76.5 114.7
79 84.7 73.5 110.3

Manual Integrations

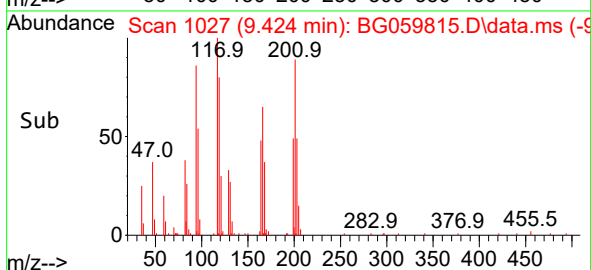
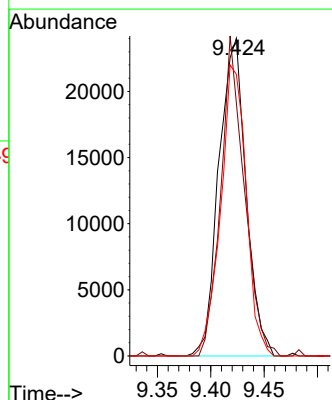
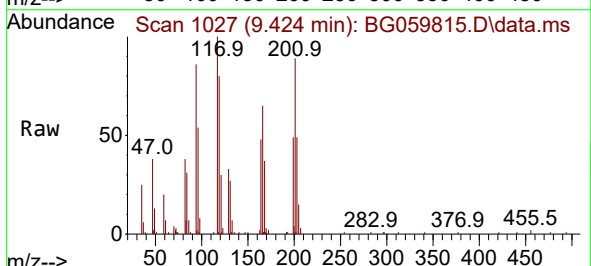
APPROVED

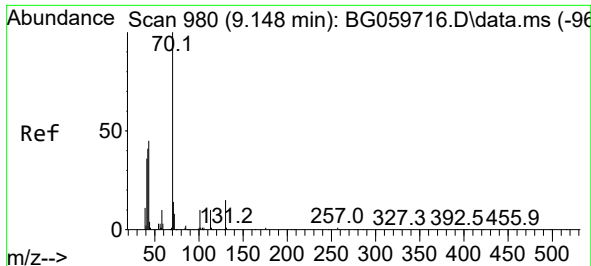
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#18
Hexachloroethane
Concen: 41.928 ng
RT: 9.424 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:117 Resp: 42583
Ion Ratio Lower Upper
117 100
119 79.7 71.8 107.8
201 89.9 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.778 ng

RT: 9.142 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG059815.D

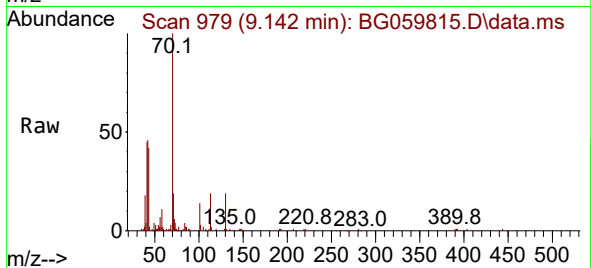
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 84870

Ion Ratio Lower Upper

70 100

42 46.4 32.8 49.2

101 14.1 7.7 11.5

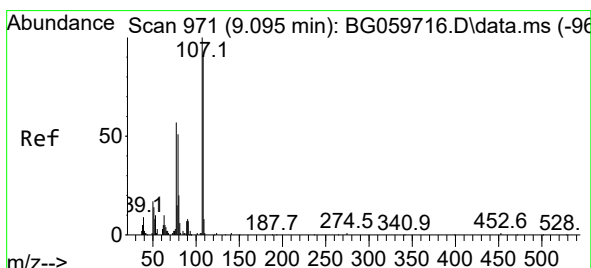
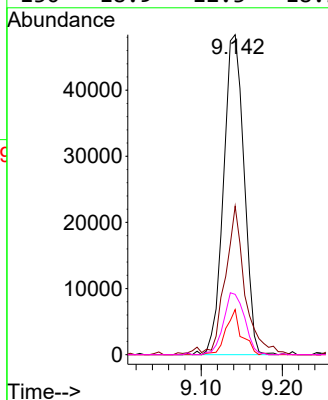
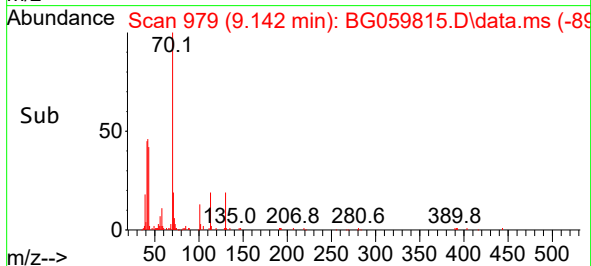
130 18.9 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#20

3+4-Methylphenols

Concen: 38.860 ng

RT: 9.089 min Scan# 970

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Tgt Ion:107 Resp: 120006

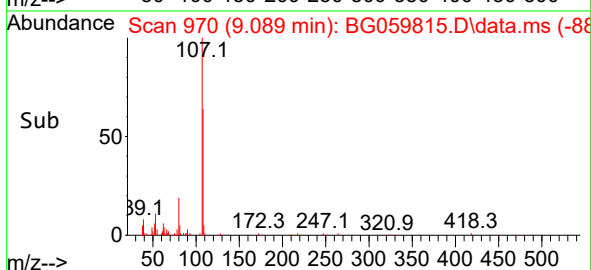
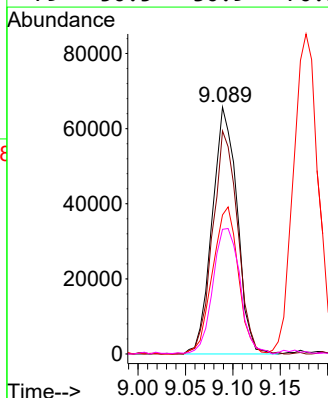
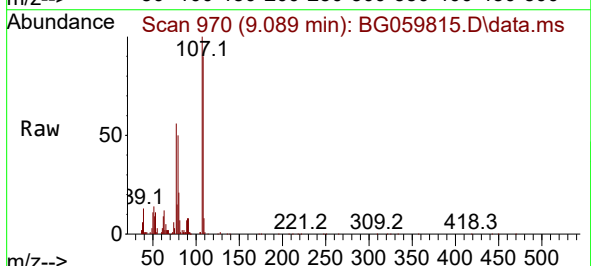
Ion Ratio Lower Upper

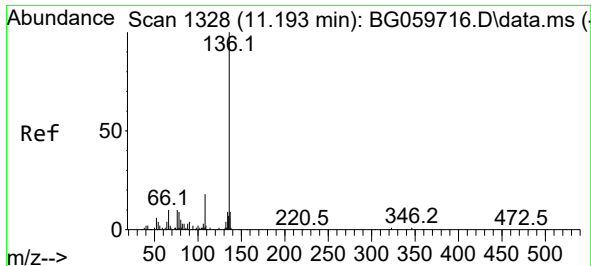
107 100

108 90.3 71.1 111.1

77 56.3 37.5 77.5

79 50.5 30.9 70.9





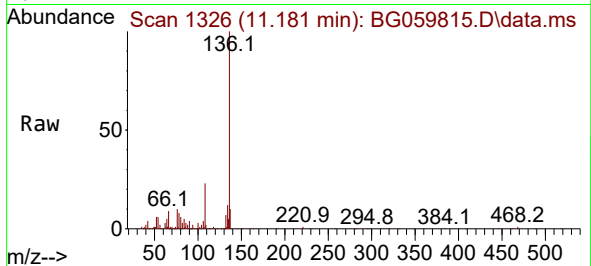
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.181 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



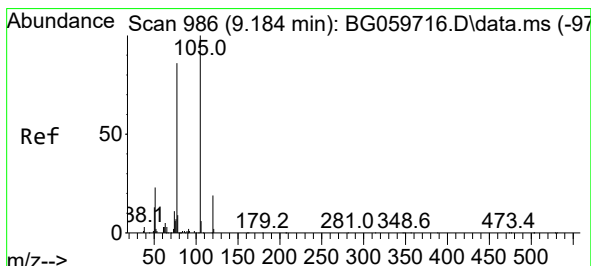
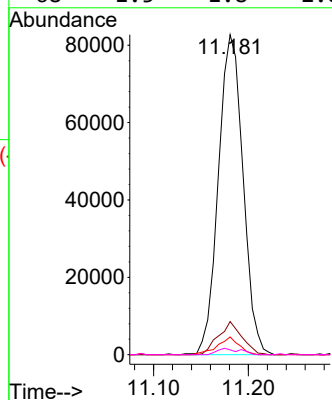
Tgt Ion:136 Resp: 149279
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.0
54 5.5 3.1 4.7
68 1.5 1.8 2.8

Manual Integrations

APPROVED

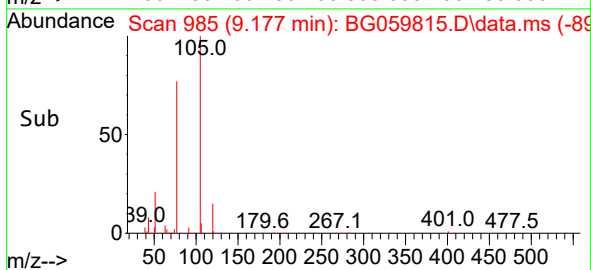
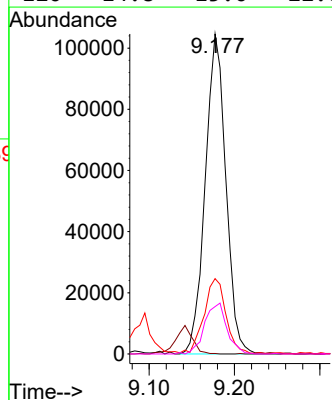
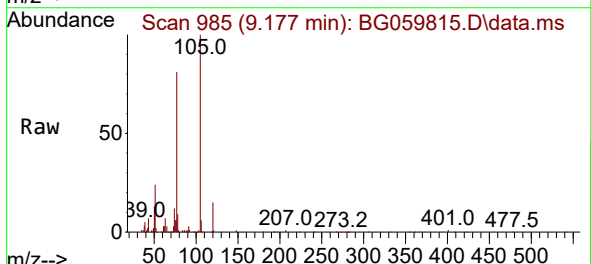
Reviewed By :Yogesh Patel 11/23/2023

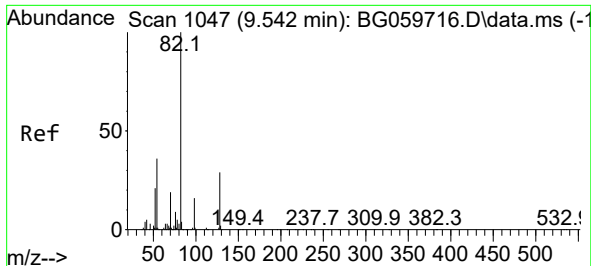
Supervised By :mohammad ahmed 11/25/2023



#22
Acetophenone
Concen: 41.613 ng
RT: 9.177 min Scan# 985
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:105 Resp: 175868
Ion Ratio Lower Upper
105 100
71 0.1 0.0 0.0#
51 23.5 18.4 27.6
120 14.8 15.0 22.6#





#23
Nitrobenzene-d5
Concen: 80.873 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

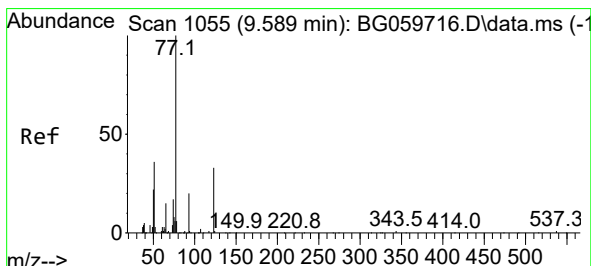
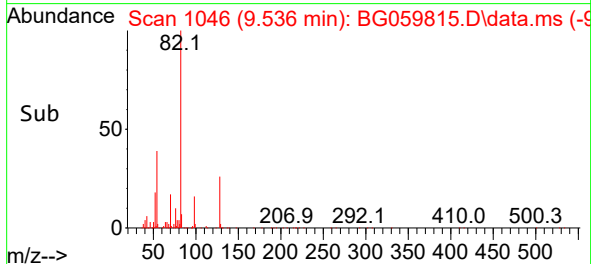
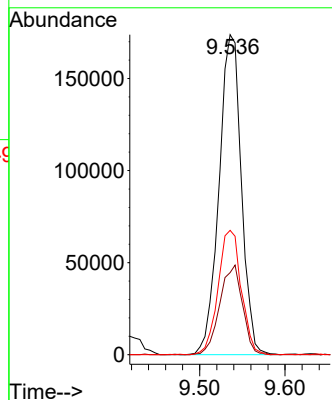
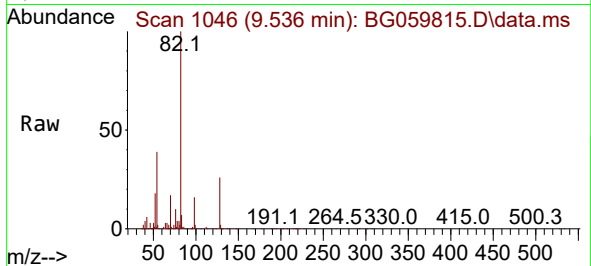
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 31610
Ion Ratio Lower Upper
82 100
128 25.7 23.0 34.6
54 38.9 28.7 43.1

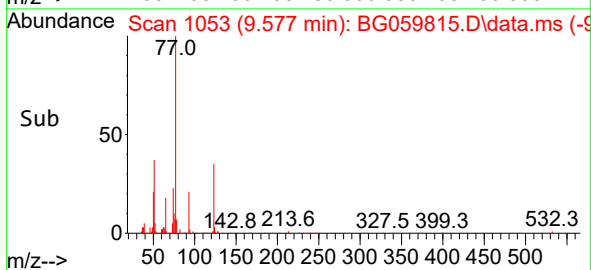
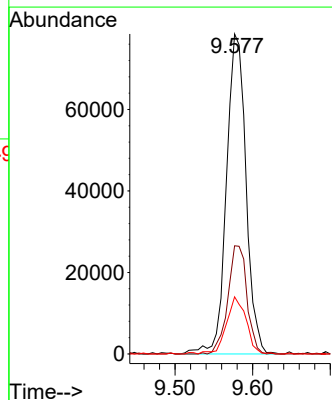
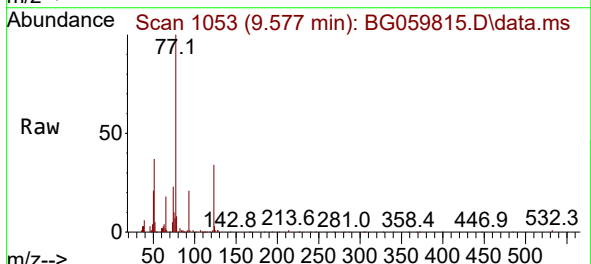
Manual Integrations
APPROVED

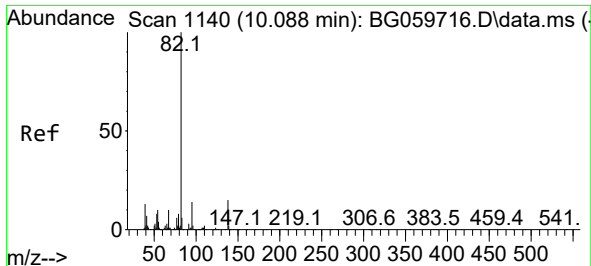
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#24
Nitrobenzene
Concen: 38.247 ng
RT: 9.577 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

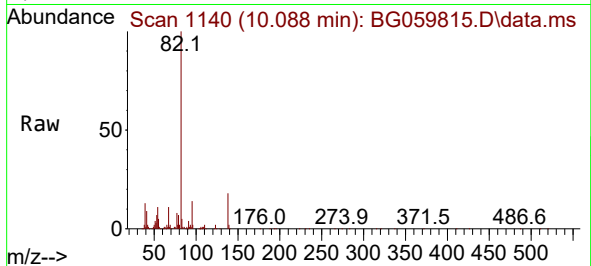
Tgt Ion: 77 Resp: 137682
Ion Ratio Lower Upper
77 100
123 33.8 26.1 39.1
65 17.9 12.1 18.1





#25
Isophorone
Concen: 36.878 ng
RT: 10.088 min Scan# 1140
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

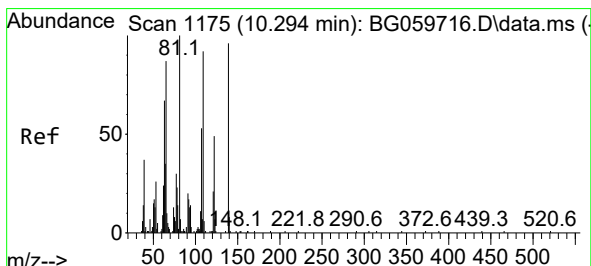
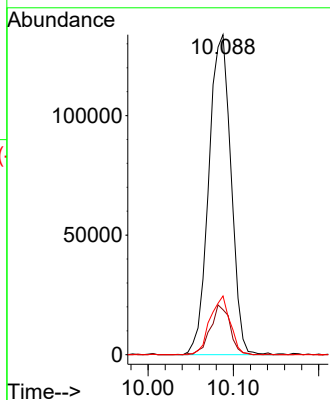
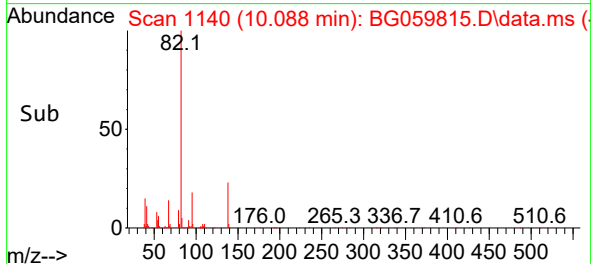
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



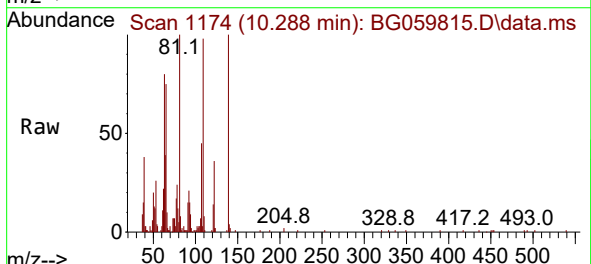
Tgt Ion: 82 Resp: 241989
Ion Ratio Lower Upper
82 100
95 14.1 11.4 17.0
138 18.4 12.1 18.1

Manual Integrations
APPROVED

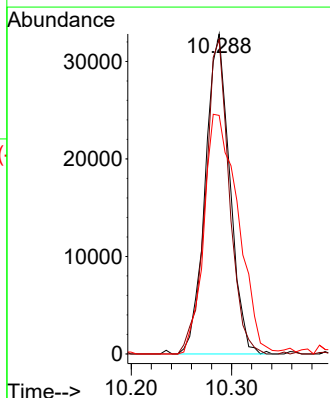
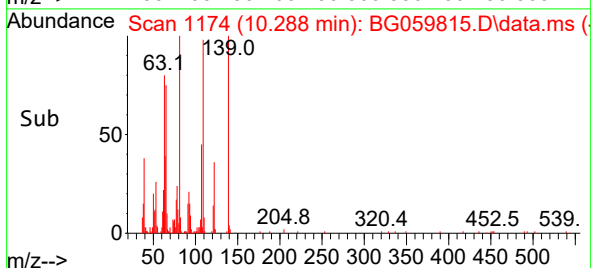
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

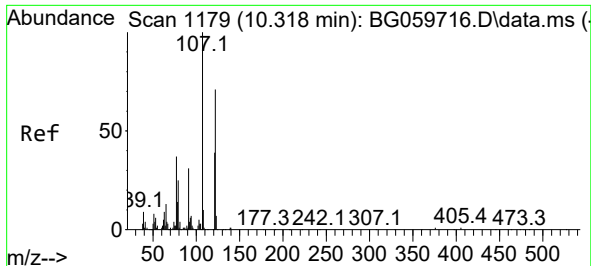


#26
2-Nitrophenol
Concen: 42.257 ng
RT: 10.288 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:139 Resp: 55769
Ion Ratio Lower Upper
139 100
109 98.2 76.7 115.1
65 74.6 72.1 108.1





#27

2,4-Dimethylphenol

Concen: 37.556 ng

RT: 10.311 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BG059815.D

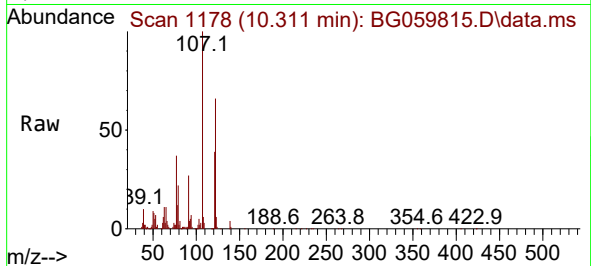
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 100778

Ion Ratio Lower Upper

122 100

107 151.1 112.1 168.1

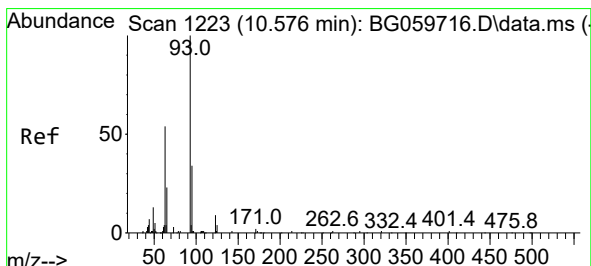
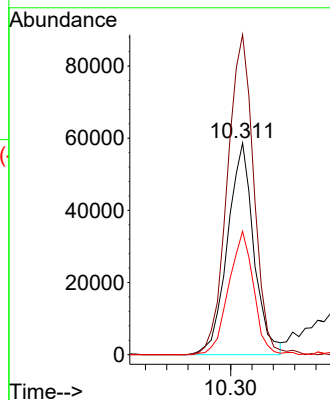
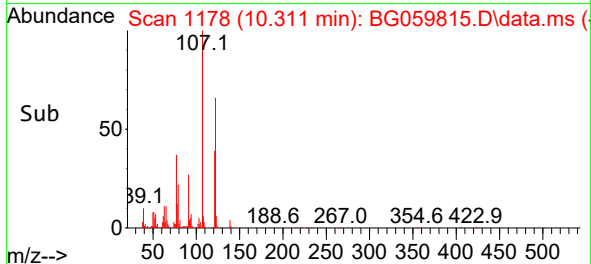
121 58.2 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.477 ng

RT: 10.564 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

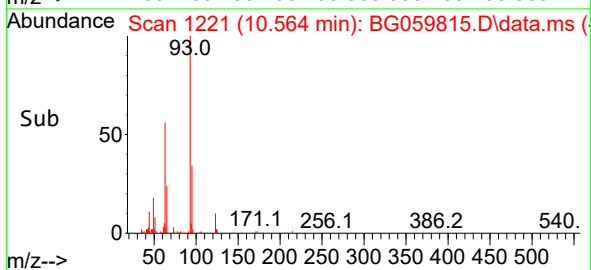
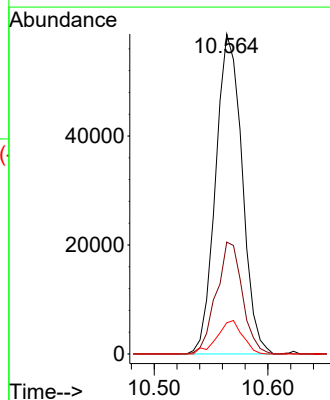
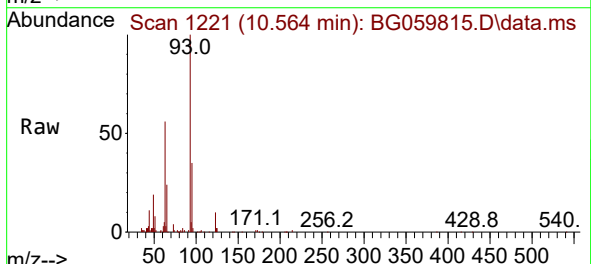
Tgt Ion: 93 Resp: 94878

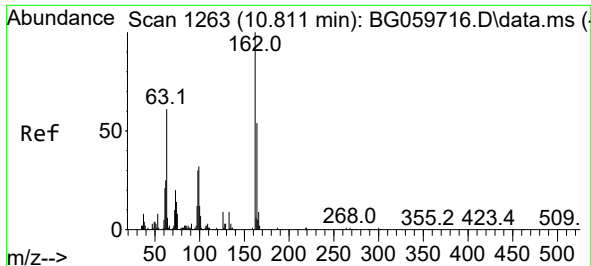
Ion Ratio Lower Upper

93 100

95 34.9 27.0 40.6

123 9.8 7.6 11.4





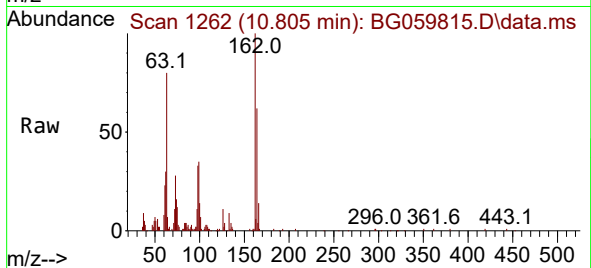
#29
2,4-Dichlorophenol
Concen: 40.983 ng
RT: 10.805 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

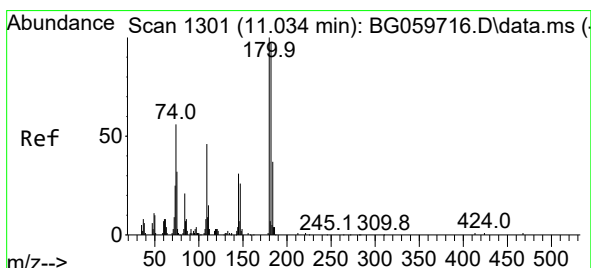
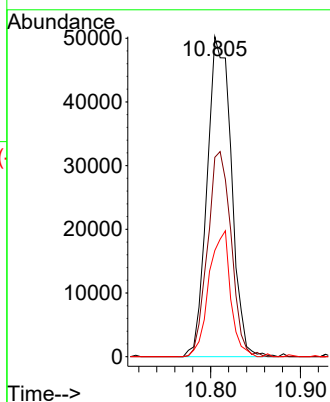
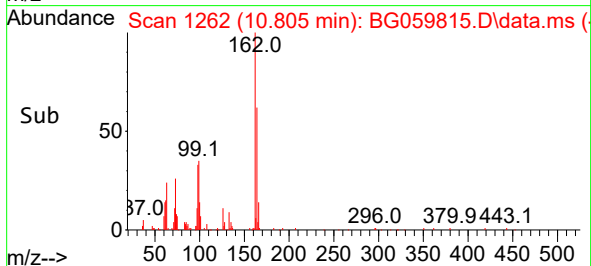
SSTDCCC040



Tgt Ion:162 Resp: 9389
Ion Ratio Lower Upper
162 100
164 62.3 33.6 73.6
98 33.2 10.7 50.7

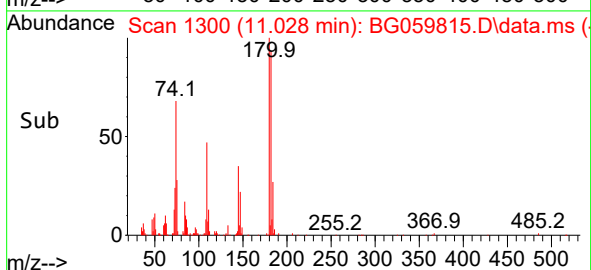
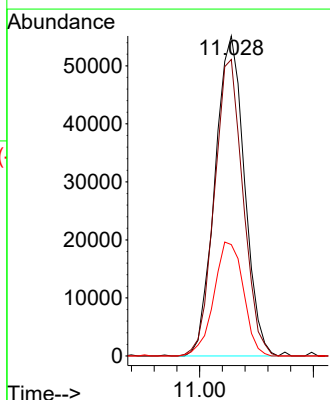
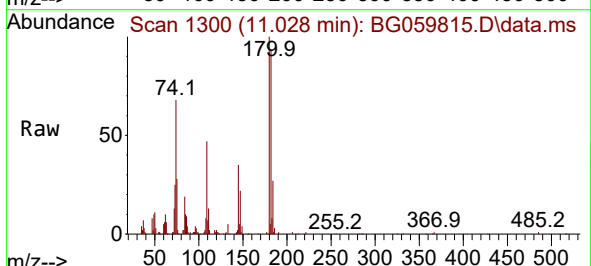
Manual Integrations
APPROVED

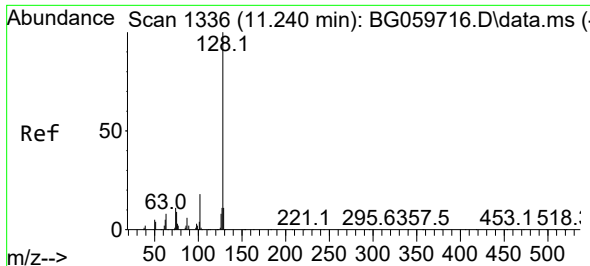
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.831 ng
RT: 11.028 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:180 Resp: 99171
Ion Ratio Lower Upper
180 100
182 92.6 77.4 116.2
145 34.8 24.4 36.6





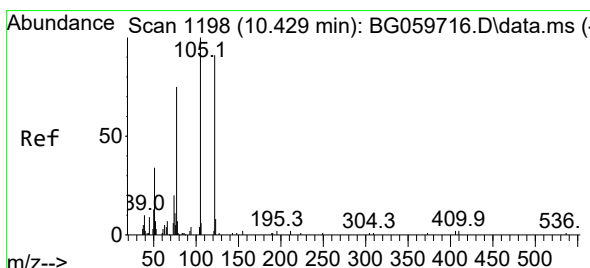
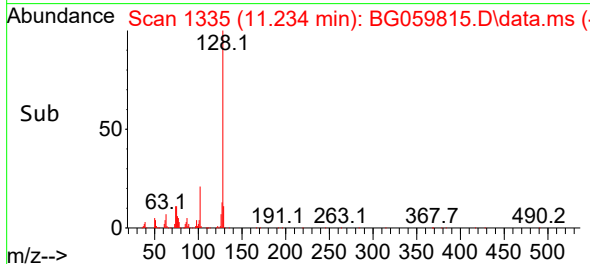
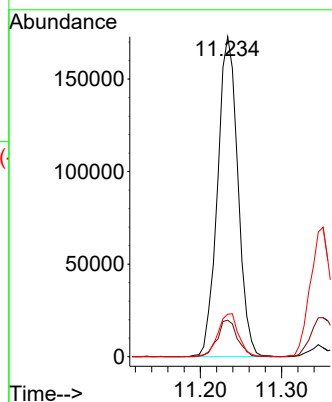
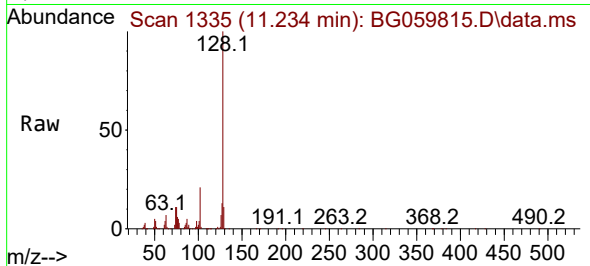
#31
Naphthalene
Concen: 40.173 ng
RT: 11.234 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 30155
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 9.2 13.8

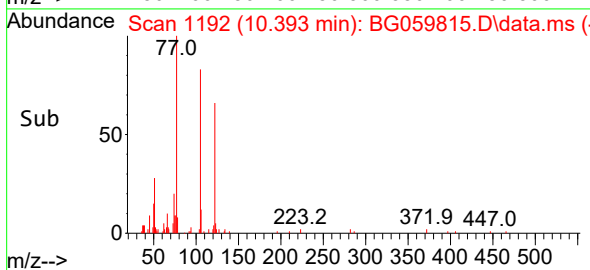
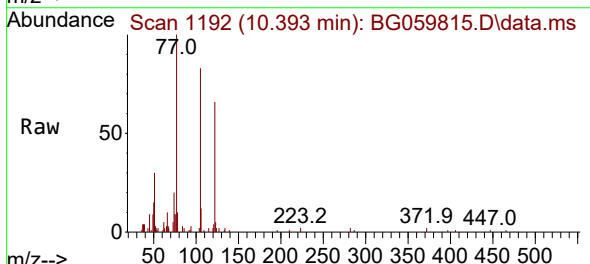
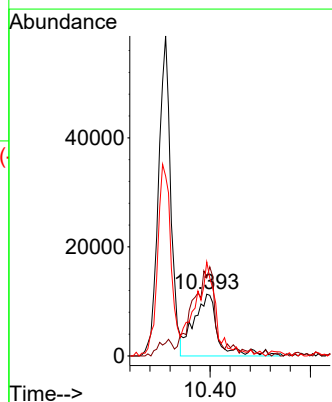
Manual Integrations
APPROVED

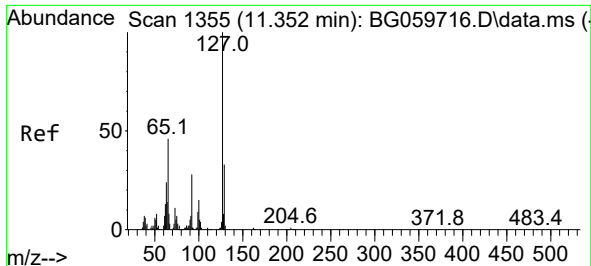
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#32
Benzoic acid
Concen: 20.965 ng m
RT: 10.393 min Scan# 1192
Delta R.T. -0.036 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:122 Resp: 38286
Ion Ratio Lower Upper
122 100
105 126.5 103.7 143.7
77 152.2 82.3 122.3#





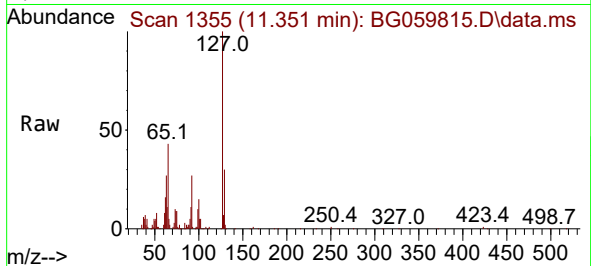
#33
4-Chloroaniline
Concen: 40.027 ng
RT: 11.351 min Scan# 11355
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



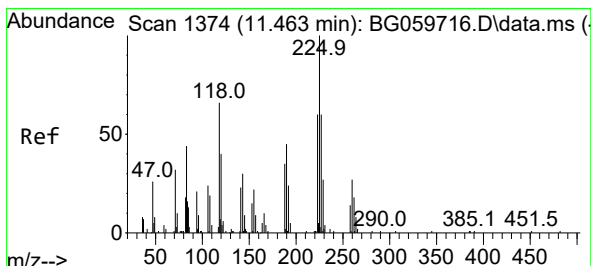
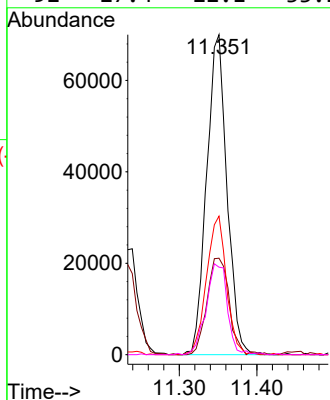
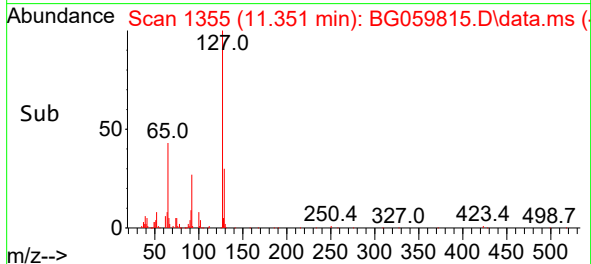
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.8	40.2
65	43.3	36.5	54.7
92	27.4	22.1	33.1

Manual Integrations

APPROVED

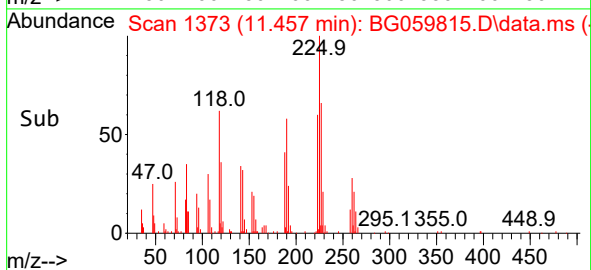
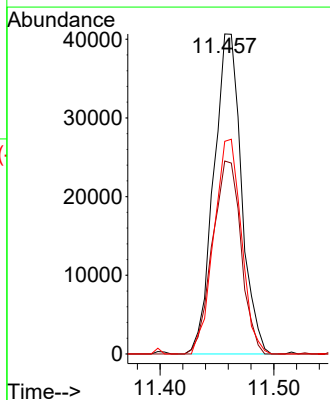
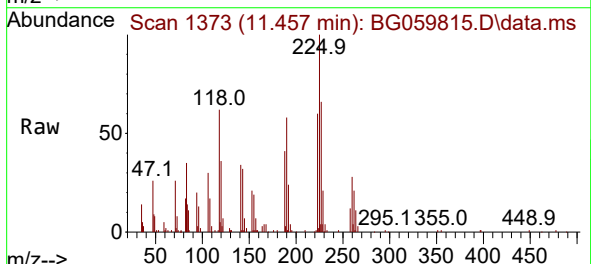
Reviewed By :Yogesh Patel 11/23/2023

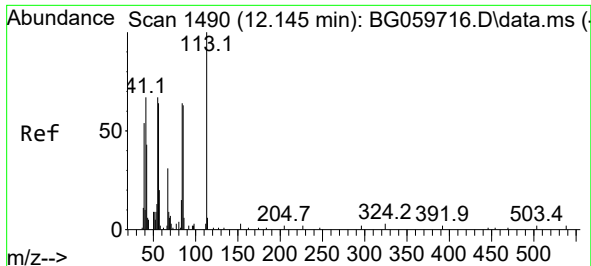
Supervised By :mohammad ahmed 11/25/2023



#34
Hexachlorobutadiene
Concen: 43.570 ng
RT: 11.457 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	46.6	69.8
227	66.4	48.2	72.2





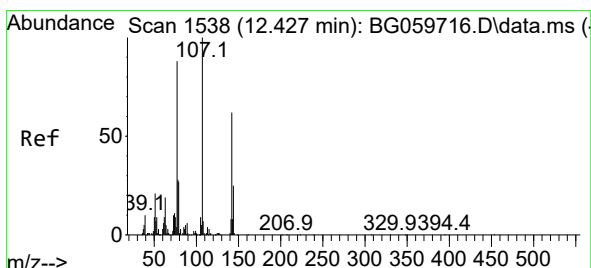
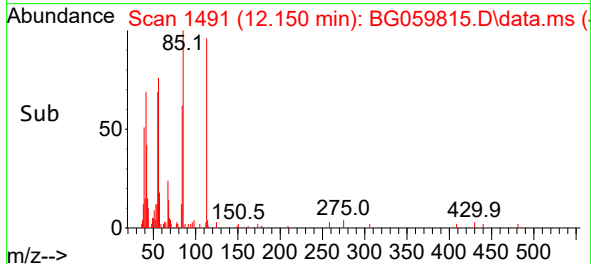
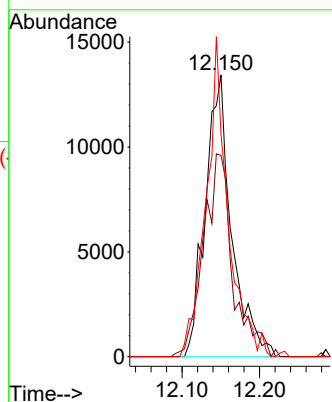
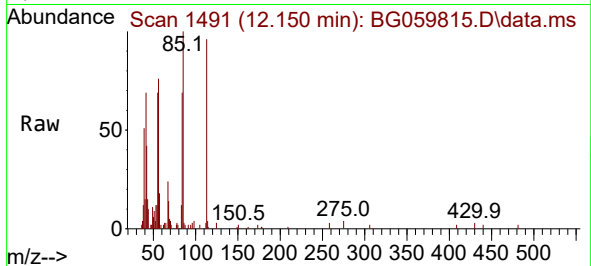
#35
Caprolactam
Concen: 37.740 ng
RT: 12.150 min Scan# 1490
Delta R.T. 0.005 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 31600
Ion Ratio Lower Upper
113 100
55 71.5 47.1 87.1
56 79.1 43.7 83.7

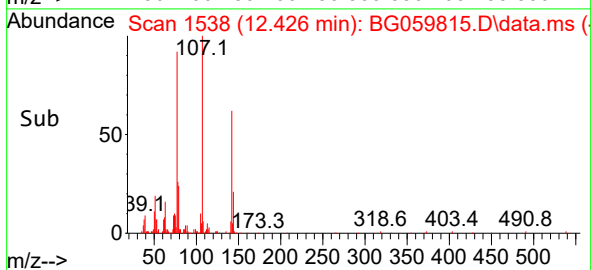
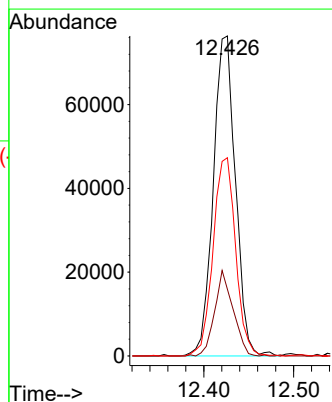
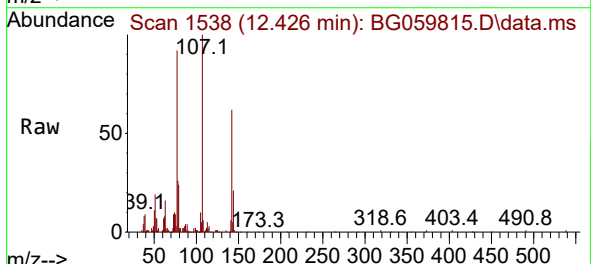
Manual Integrations
APPROVED

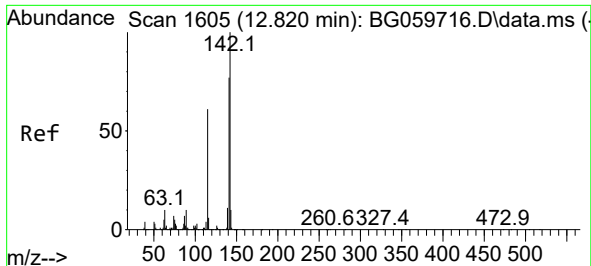
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#36
4-Chloro-3-methylphenol
Concen: 42.982 ng
RT: 12.426 min Scan# 1538
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:107 Resp: 130962
Ion Ratio Lower Upper
107 100
144 20.9 20.2 30.4
142 62.0 49.4 74.0





#37

2-Methylnaphthalene

Concen: 55.407 ng

RT: 12.814 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 35029

Ion Ratio Lower Upper

142 100

141 87.0 61.9 92.9

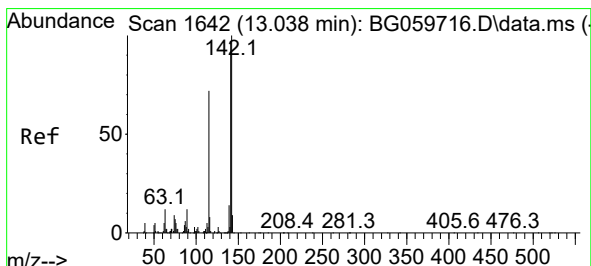
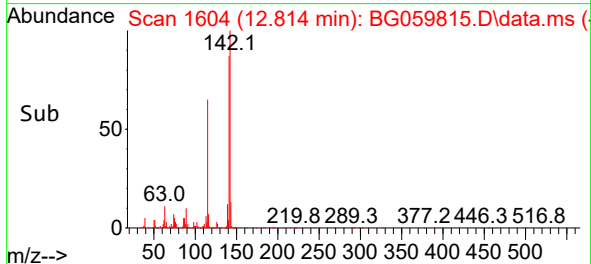
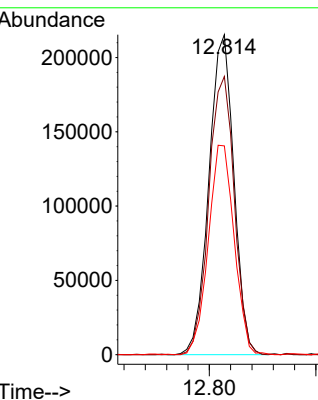
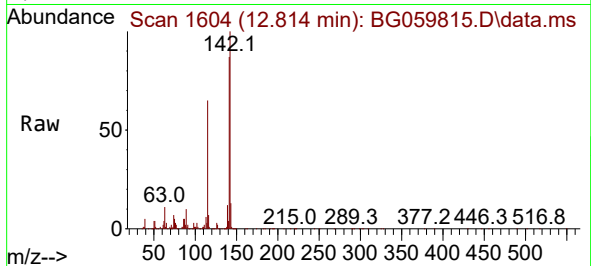
115 65.2 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#38

1-Methylnaphthalene

Concen: 57.279 ng

RT: 13.026 min Scan# 1640

Delta R.T. -0.012 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

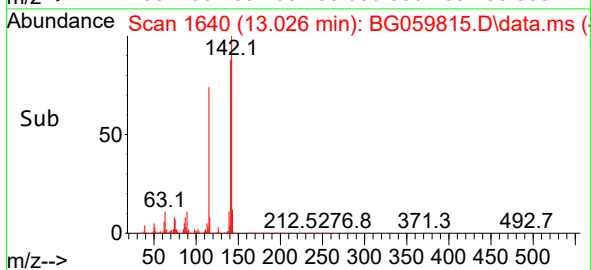
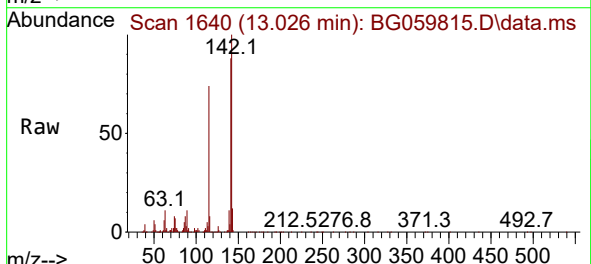
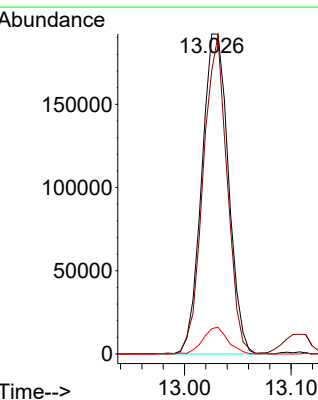
Tgt Ion:142 Resp: 333948

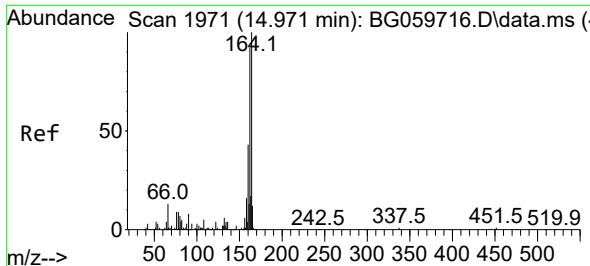
Ion Ratio Lower Upper

142 100

141 88.5 77.8 116.8

116 7.9 6.2 9.2





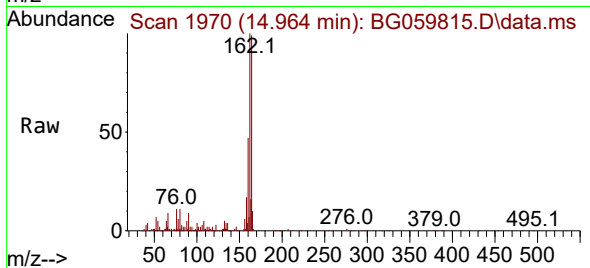
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.964 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

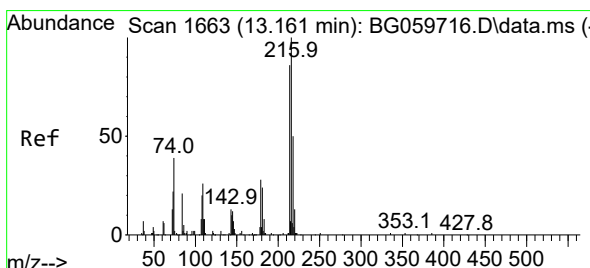
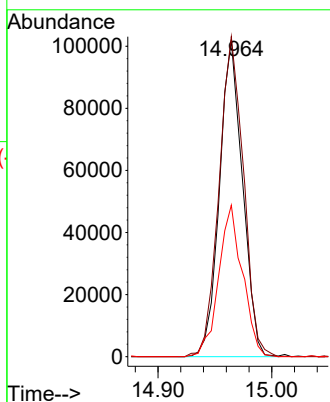
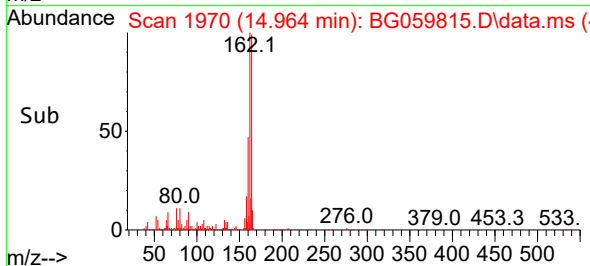
SSTDCCC040



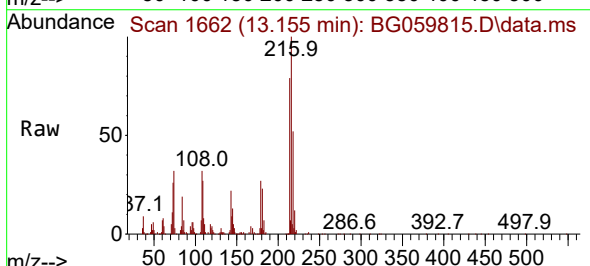
Tgt Ion:164 Resp: 143424
Ion Ratio Lower Upper
164 100
162 101.1 73.3 109.9
160 47.9 34.1 51.1

Manual Integrations
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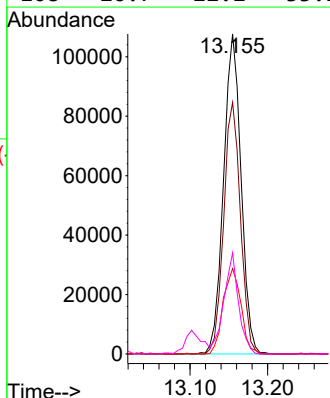
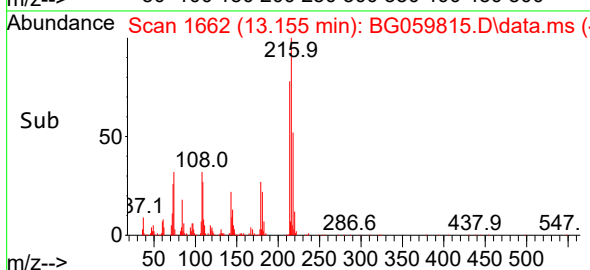
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

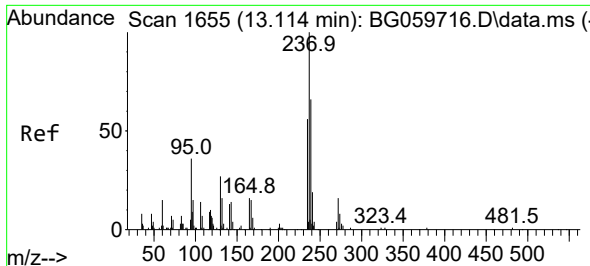


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.661 ng
RT: 13.155 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



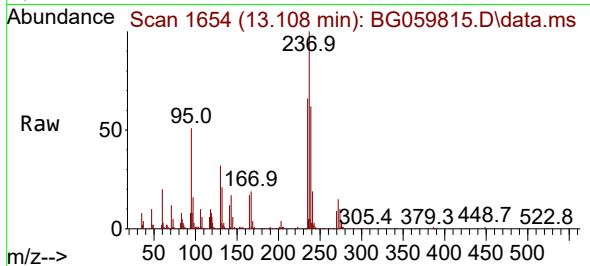
Tgt Ion:216 Resp: 169117
Ion Ratio Lower Upper
216 100
214 75.1 61.0 91.4
179 27.2 20.2 30.2
108 26.7 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 64.769 ng
RT: 13.108 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

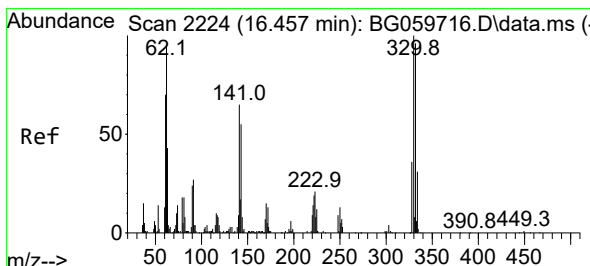
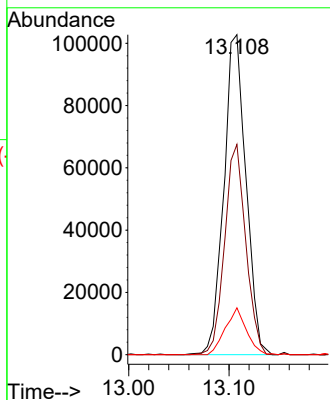
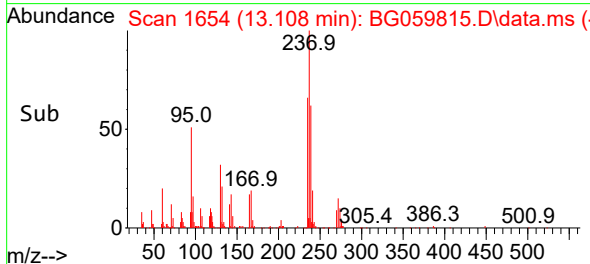
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 157368
Ion Ratio Lower Upper
237 100
235 65.7 36.0 76.0
272 14.7 0.0 36.5

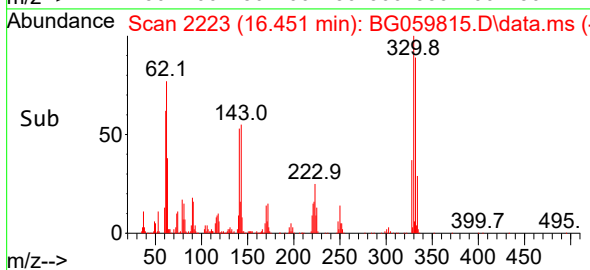
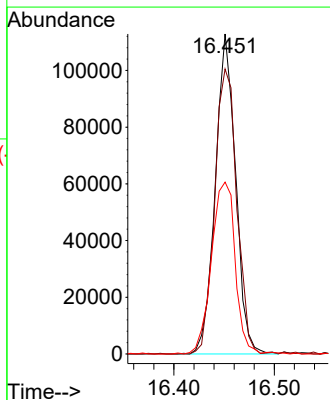
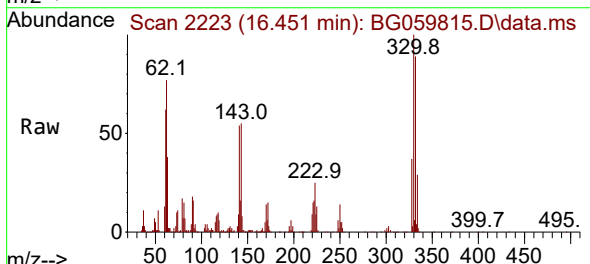
Manual Integrations
APPROVED

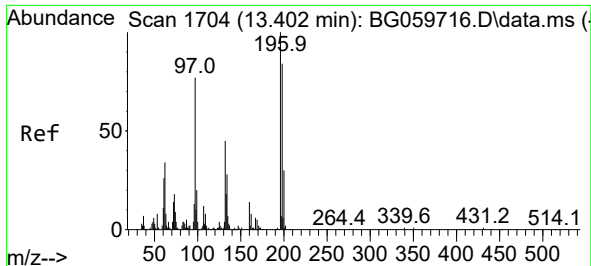
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#42
2,4,6-Tribromophenol
Concen: 97.481 ng
RT: 16.451 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

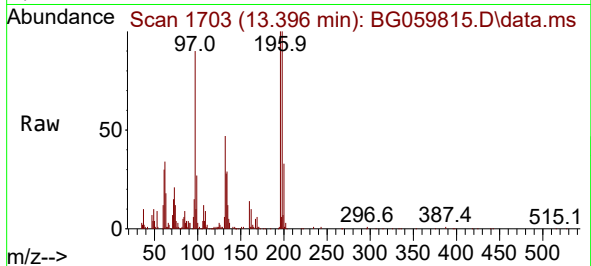
Tgt Ion:330 Resp: 158633
Ion Ratio Lower Upper
330 100
332 97.0 73.3 109.9
141 62.9 52.1 78.1





#43
2,4,6-Trichlorophenol
Concen: 44.374 ng
RT: 13.396 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

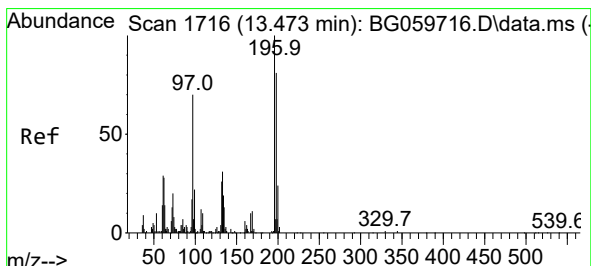
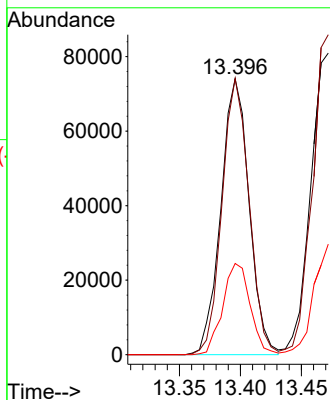
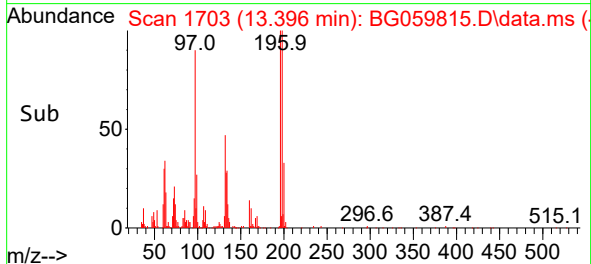
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 11952
Ion Ratio Lower Upper
196 100
198 100.1 67.6 101.4
200 33.1 24.4 36.6

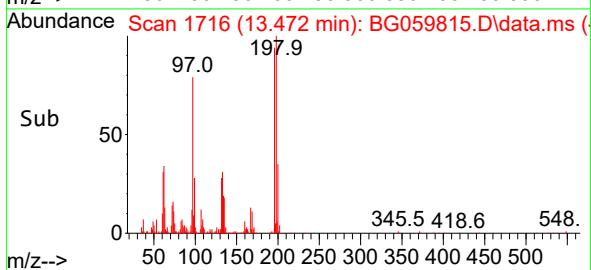
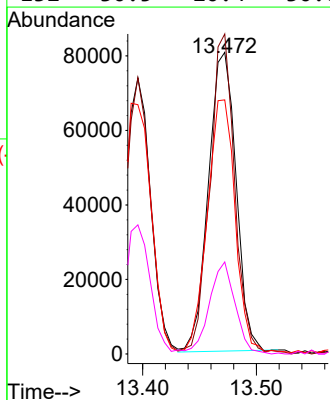
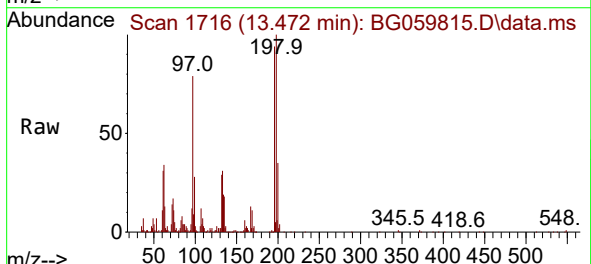
Manual Integrations
APPROVED

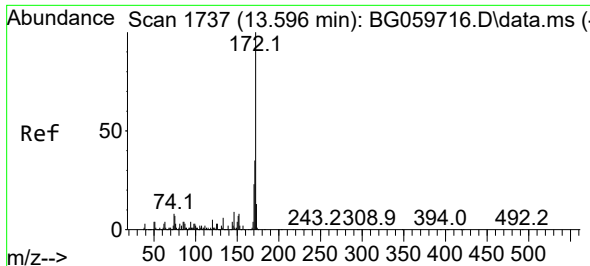
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#44
2,4,5-Trichlorophenol
Concen: 42.702 ng
RT: 13.472 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:196 Resp: 135147
Ion Ratio Lower Upper
196 100
198 106.1 66.7 100.1#
97 84.3 55.9 83.9#
132 30.5 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 86.671 ng
RT: 13.584 min Scan# 1735
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

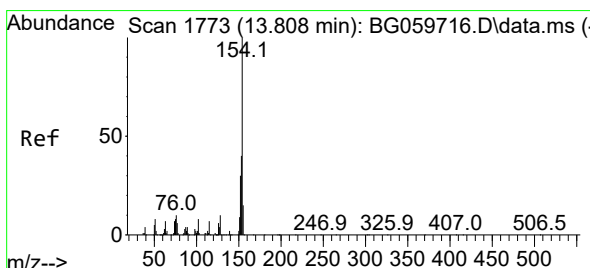
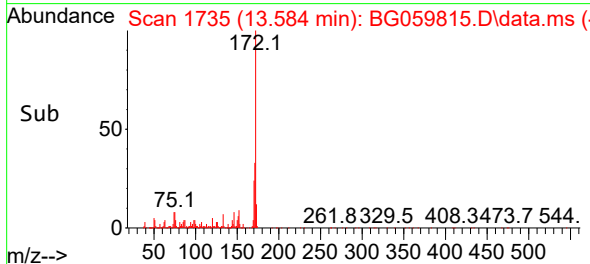
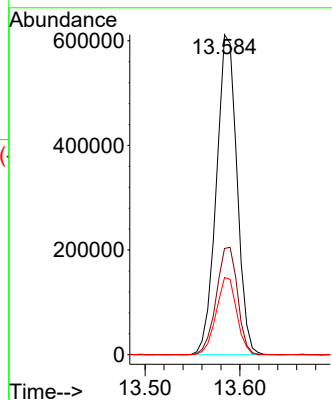
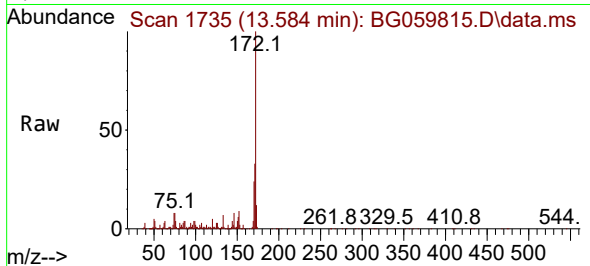
SSTDCCC040

Tgt Ion:172 Resp: 92349
Ion Ratio Lower Upper
172 100
171 33.2 27.7 41.5
170 24.1 18.4 27.6

Manual Integrations

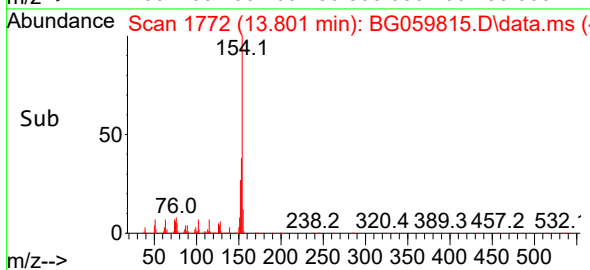
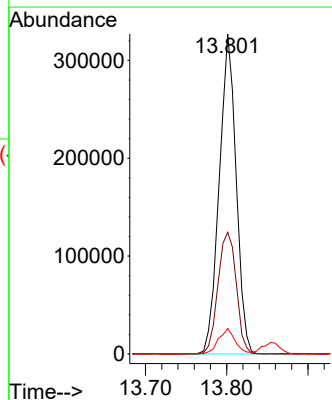
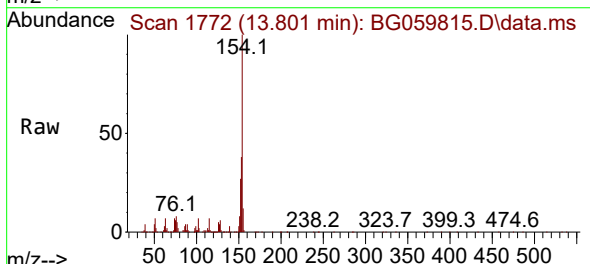
APPROVED

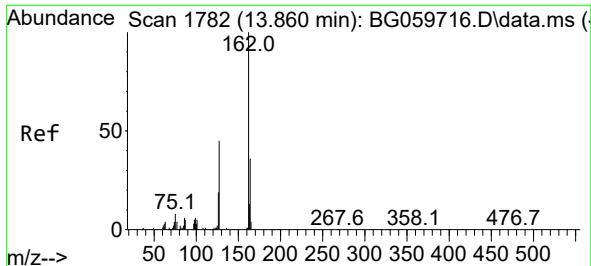
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#46
1,1'-Biphenyl
Concen: 42.031 ng
RT: 13.801 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:154 Resp: 473170
Ion Ratio Lower Upper
154 100
153 38.0 19.7 59.7
76 7.9 0.0 30.4





#47

2-Chloronaphthalene

Concen: 43.254 ng

RT: 13.854 min Scan# 1781

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 33458

Ion Ratio Lower Upper

162 100

127 44.7 41.0 61.6

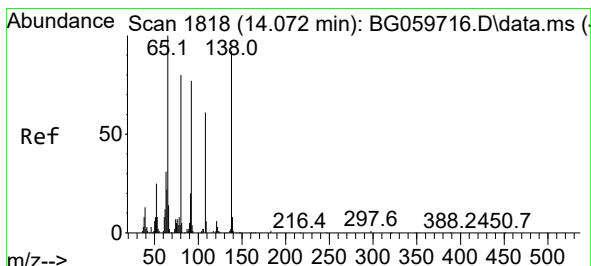
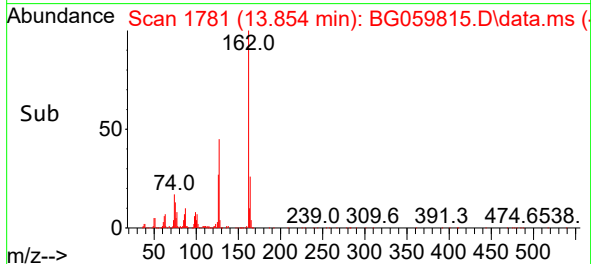
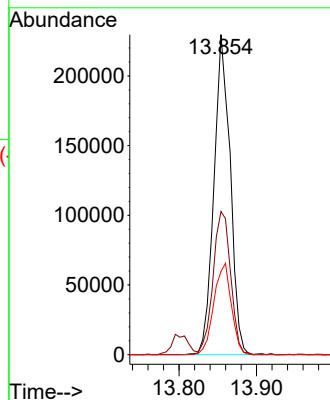
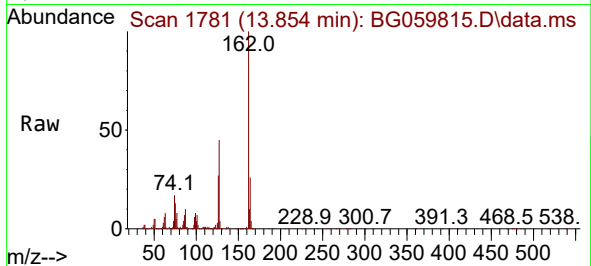
164 26.0 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#48

2-Nitroaniline

Concen: 45.807 ng

RT: 14.071 min Scan# 1818

Delta R.T. -0.001 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

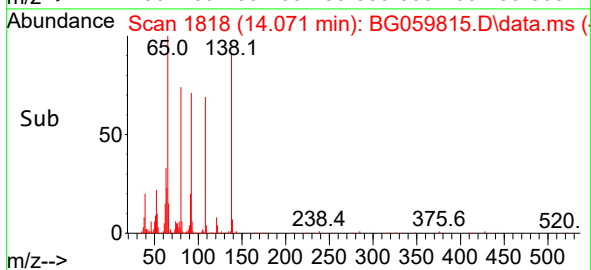
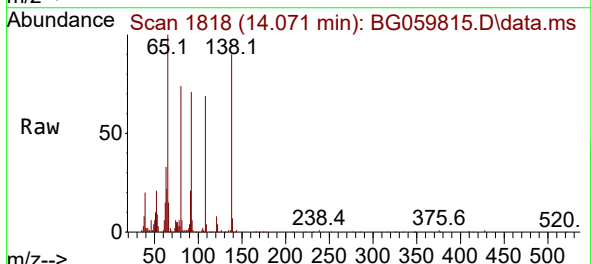
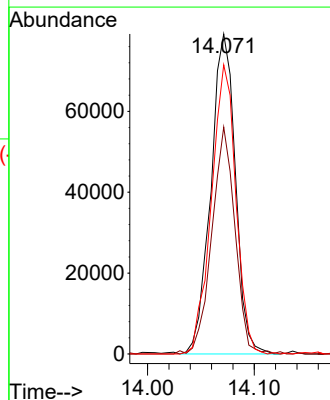
Tgt Ion: 65 Resp: 126507

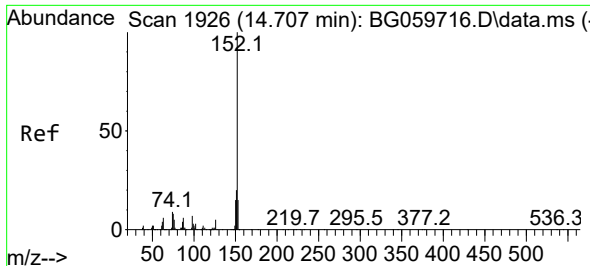
Ion Ratio Lower Upper

65 100

92 70.9 61.2 91.8

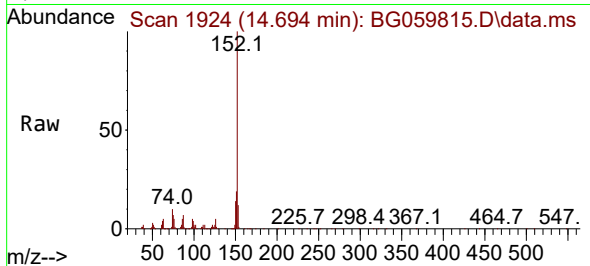
138 90.4 73.8 110.6





#49
Acenaphthylene
Concen: 42.943 ng
RT: 14.694 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

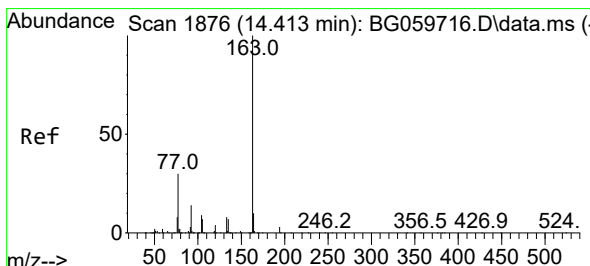
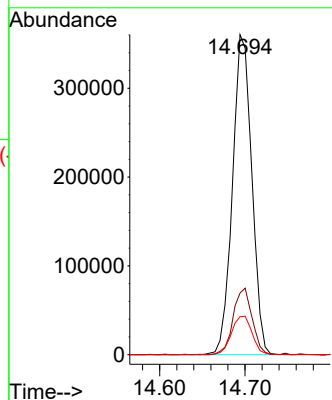
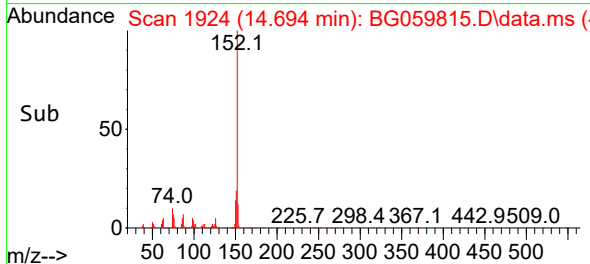
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



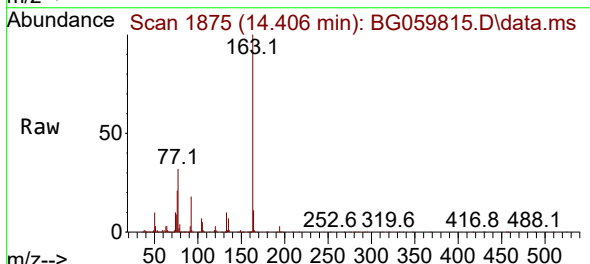
Tgt Ion:152 Resp: 566398
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.8
153 11.9 12.2 18.4

Manual Integrations
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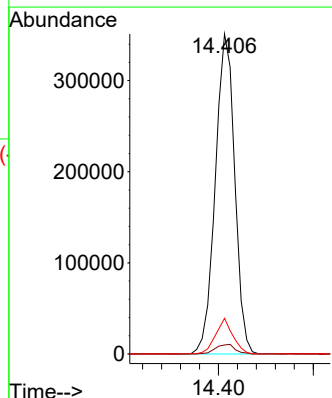
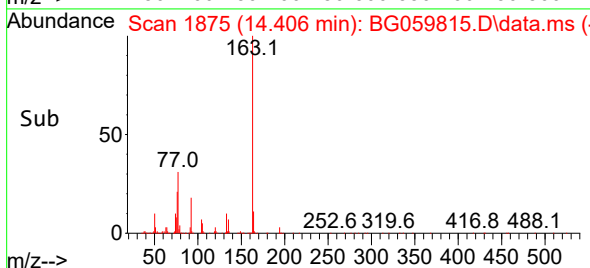
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

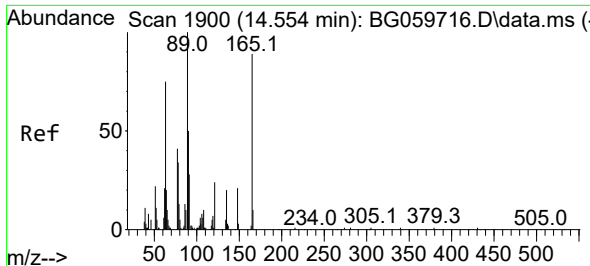


#50
Dimethylphthalate
Concen: 44.902 ng
RT: 14.406 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



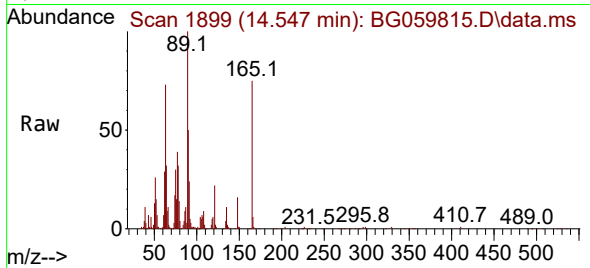
Tgt Ion:163 Resp: 499064
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 11.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.978 ng
RT: 14.547 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

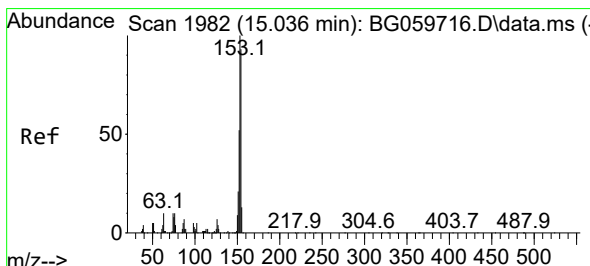
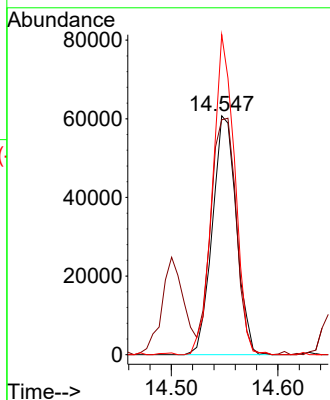
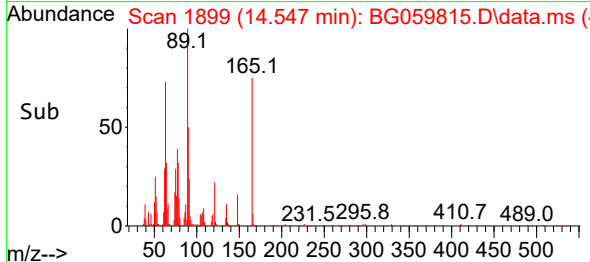
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



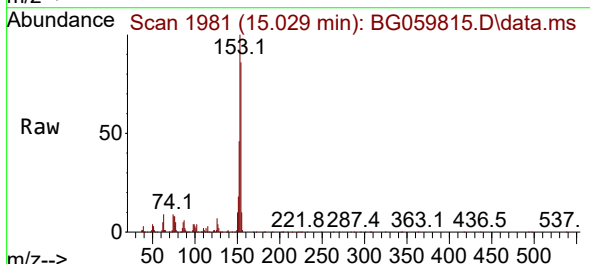
Tgt Ion:165 Resp: 9483
Ion Ratio Lower Upper
165 100
63 98.3 75.3 112.9
89 134.0 90.9 136.3

Manual Integrations
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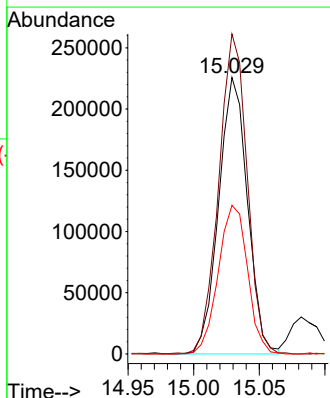
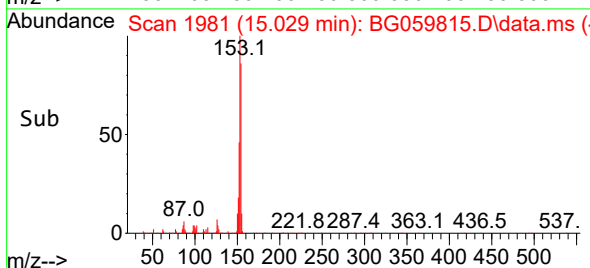
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

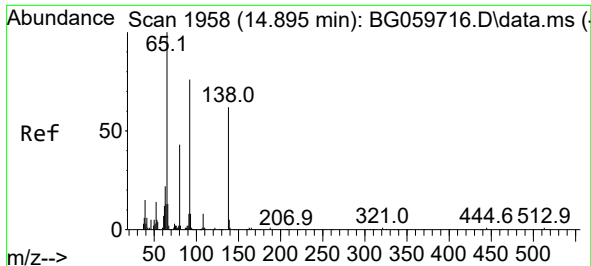


#52
Acenaphthene
Concen: 43.422 ng
RT: 15.029 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



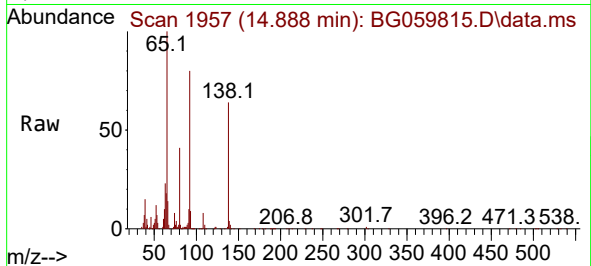
Tgt Ion:154 Resp: 344435
Ion Ratio Lower Upper
154 100
153 115.7 85.8 128.8
152 53.8 44.4 66.6





#53
3-Nitroaniline
Concen: 42.306 ng
RT: 14.888 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

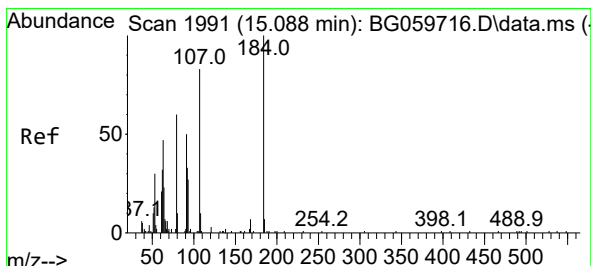
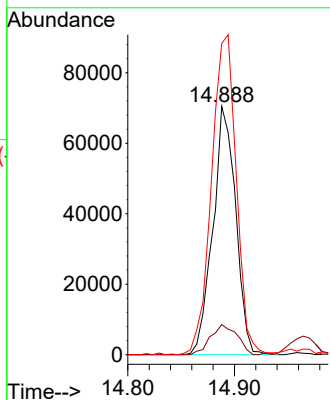
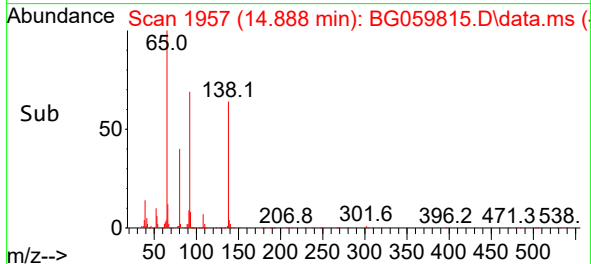
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



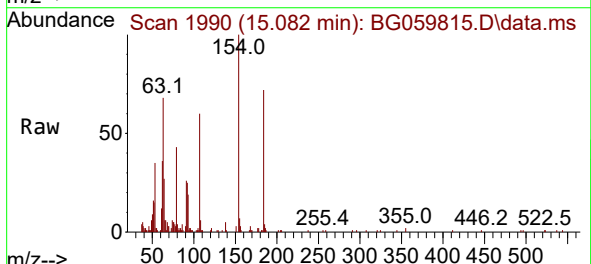
Tgt Ion:138 Resp: 104414
Ion Ratio Lower Upper
138 100
108 12.1 9.9 14.9
92 125.3 98.3 147.5

Manual Integrations
APPROVED

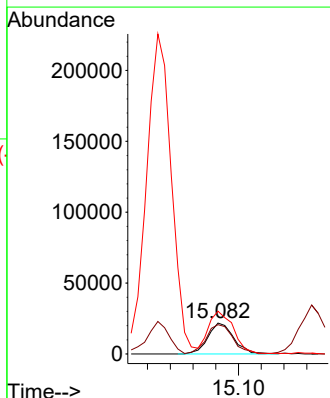
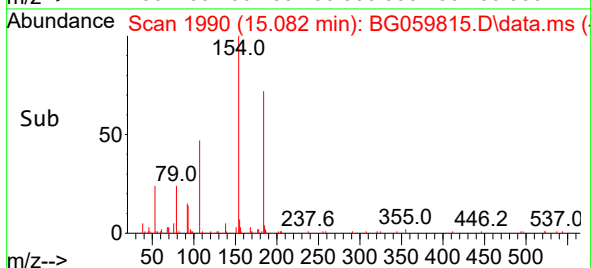
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

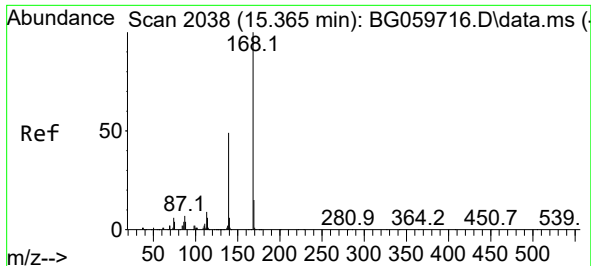


#54
2,4-Dinitrophenol
Concen: 21.927 ng
RT: 15.082 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



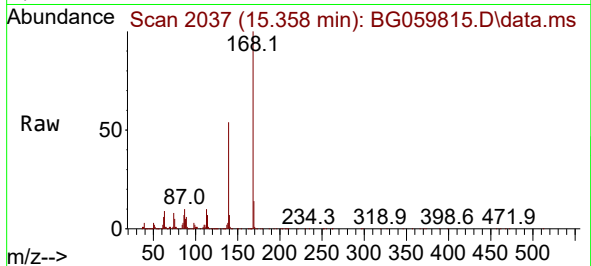
Tgt Ion:184 Resp: 34355
Ion Ratio Lower Upper
184 100
63 94.8 58.3 87.5#
154 138.6 94.1 141.1





#55
Dibenzenofuran
Concen: 42.004 ng
RT: 15.358 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

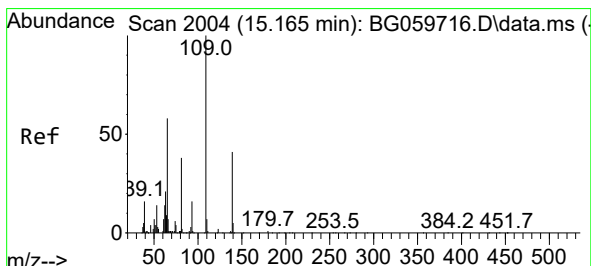
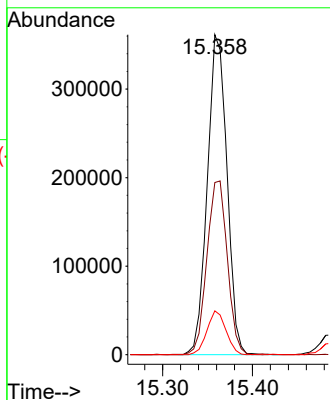
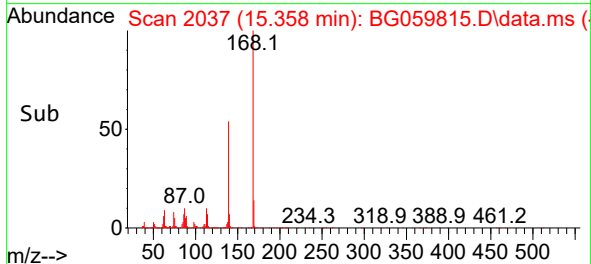
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



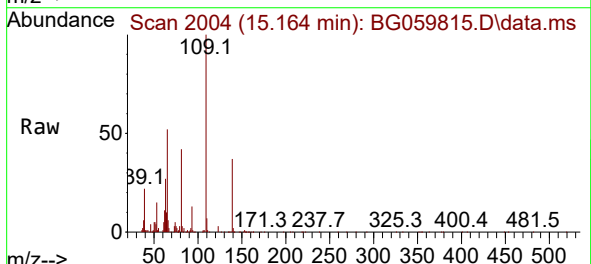
Tgt Ion:168 Resp: 549335
Ion Ratio Lower Upper
168 100
139 53.8 38.9 58.3
169 13.7 11.8 17.8

Manual Integrations
APPROVED

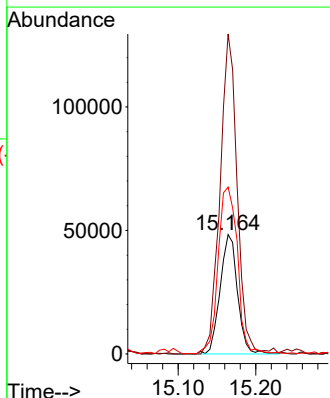
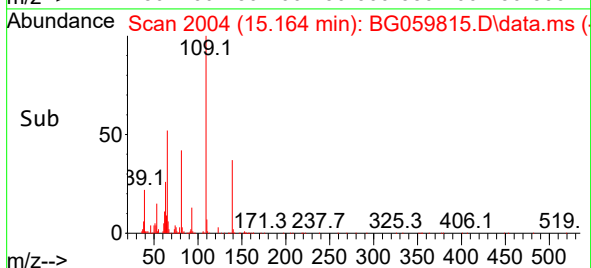
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

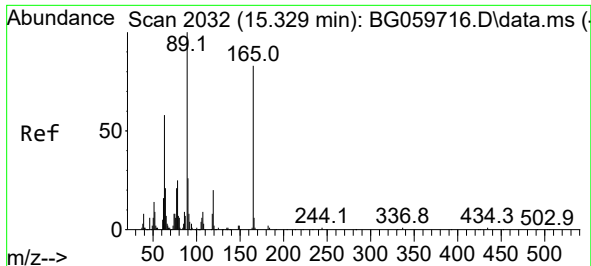


#56
4-Nitrophenol
Concen: 40.046 ng
RT: 15.164 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:139 Resp: 75615
Ion Ratio Lower Upper
139 100
109 268.0 223.4 263.4#
65 139.7 120.6 160.6





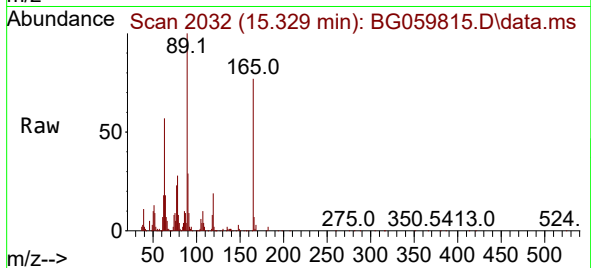
#57
2,4-Dinitrotoluene
Concen: 44.546 ng
RT: 15.329 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

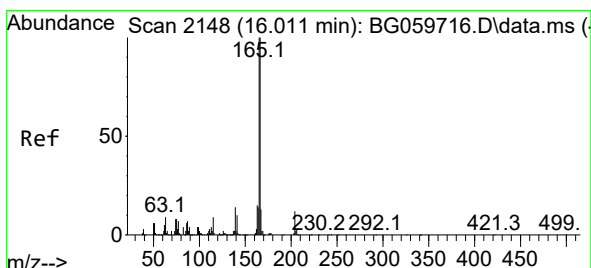
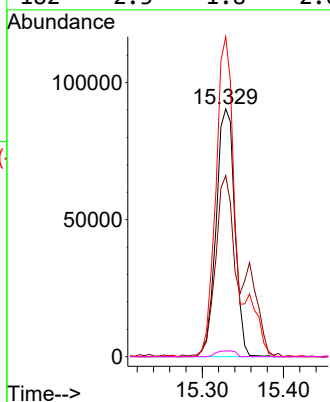
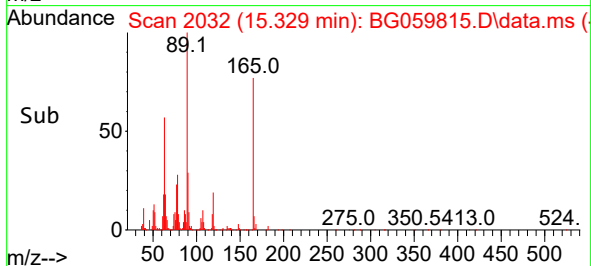


Tgt Ion:165 Resp: 144444
Ion Ratio Lower Upper
165 100
63 73.0 55.8 83.8
89 129.1 96.9 145.3
182 2.3 1.8 2.6

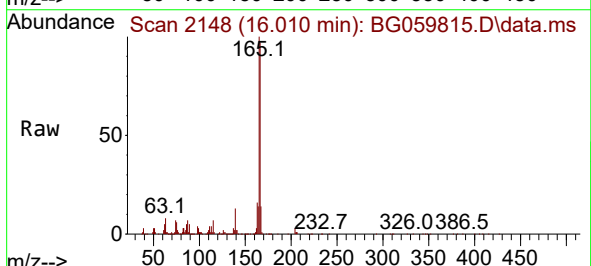
Manual Integrations

APPROVED

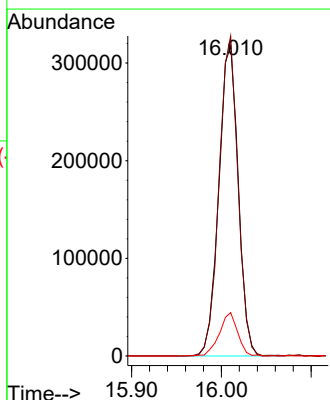
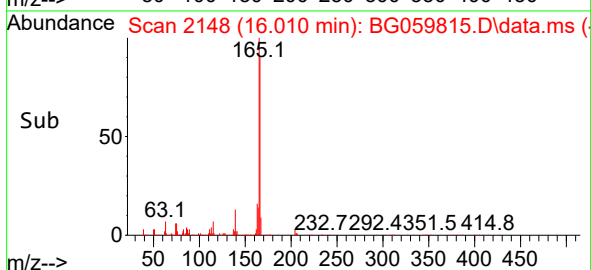
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

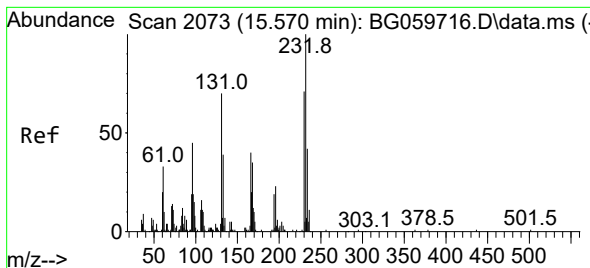


#58
Fluorene
Concen: 43.948 ng
RT: 16.010 min Scan# 2148
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



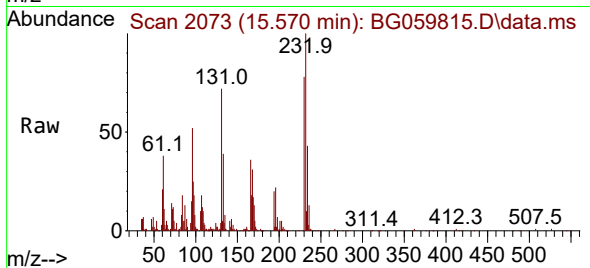
Tgt Ion:166 Resp: 477511
Ion Ratio Lower Upper
166 100
165 103.2 79.9 119.9
167 14.0 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.130 ng
RT: 15.570 min Scan# 2073
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

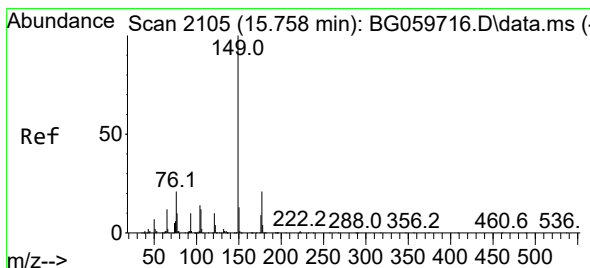
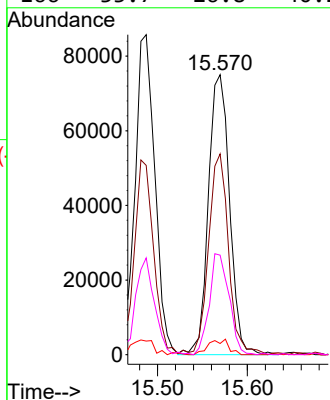
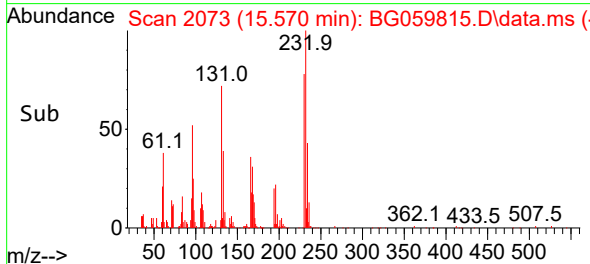
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



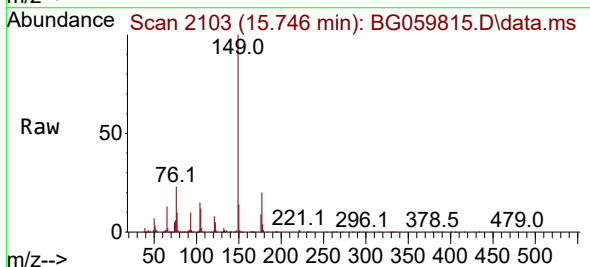
Tgt Ion:232 Resp: 122772
Ion Ratio Lower Upper
232 100
131 67.4 50.2 75.2
130 5.1 4.3 6.5
166 33.7 26.8 40.2

Manual Integrations
APPROVED

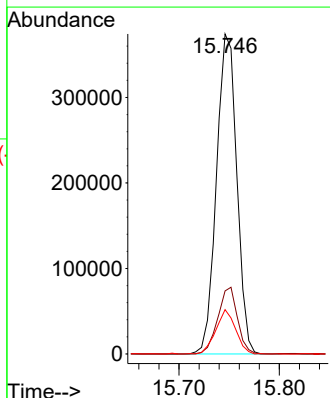
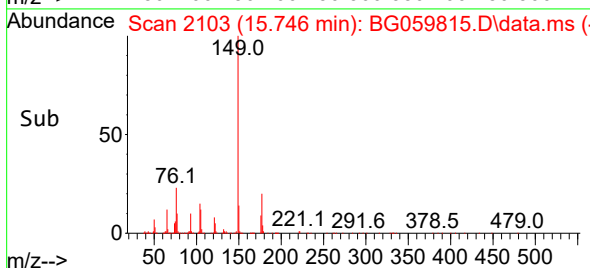
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

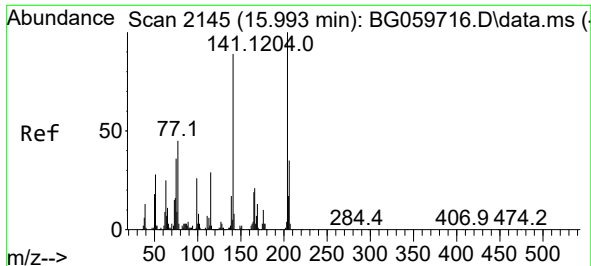


#60
Diethylphthalate
Concen: 44.036 ng
RT: 15.746 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



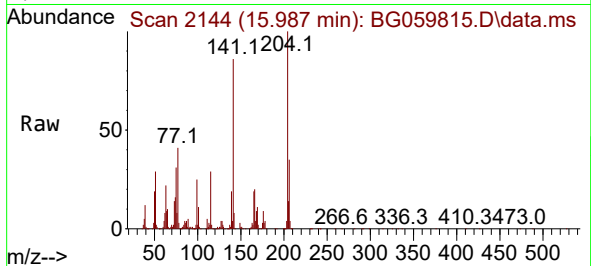
Tgt Ion:149 Resp: 524920
Ion Ratio Lower Upper
149 100
177 19.7 16.6 24.8
150 13.9 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 44.279 ng
RT: 15.987 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

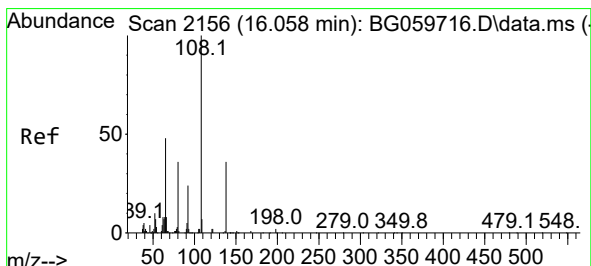
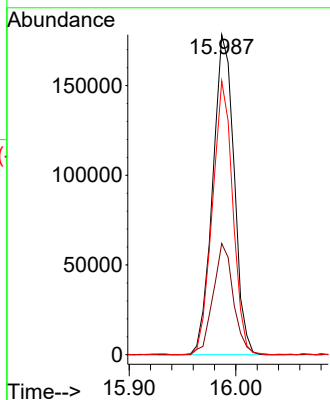
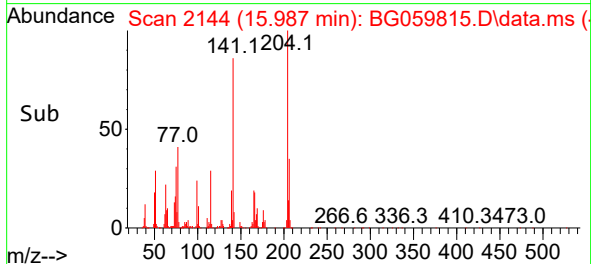
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 24763
Ion Ratio Lower Upper
204 100
206 34.8 28.1 42.1
141 85.6 70.9 106.3

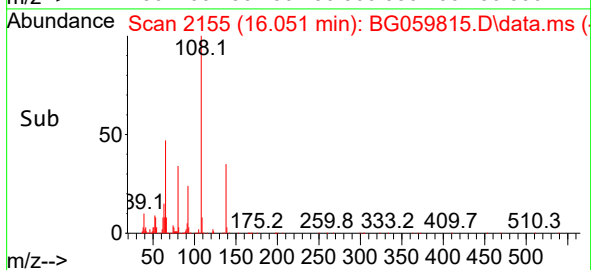
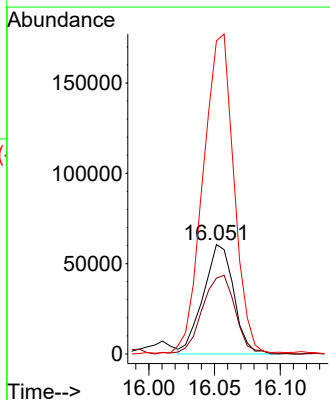
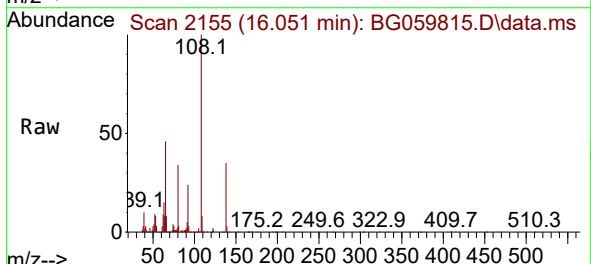
Manual Integrations
APPROVED

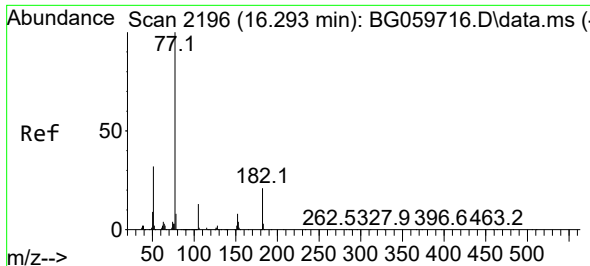
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#62
4-Nitroaniline
Concen: 39.450 ng
RT: 16.051 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

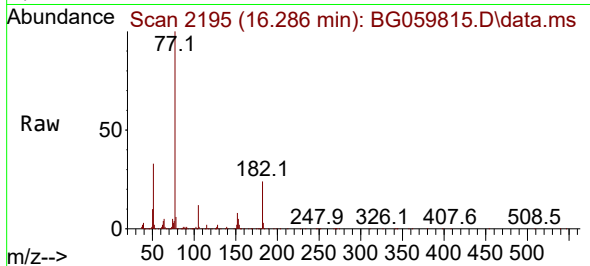
Tgt Ion:138 Resp: 97580
Ion Ratio Lower Upper
138 100
92 69.3 45.8 85.8
108 286.1 256.3 296.3





#63
Azobenzene
Concen: 41.803 ng
RT: 16.286 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

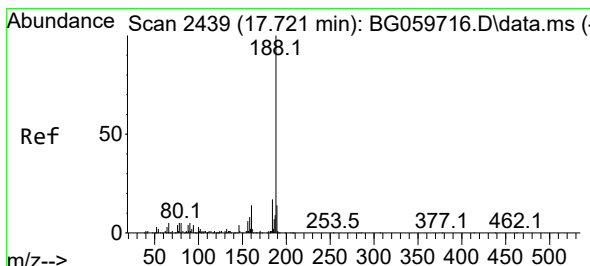
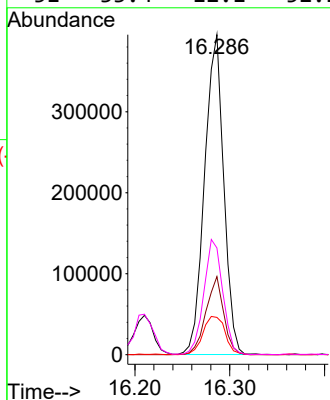
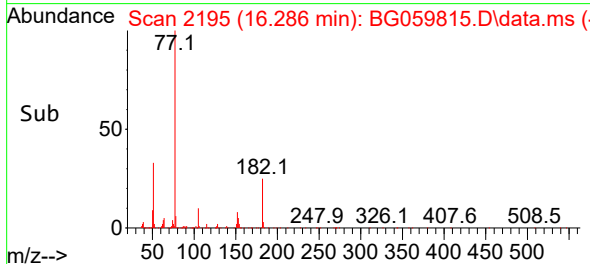
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



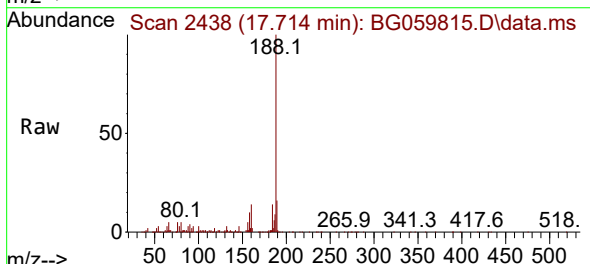
Tgt Ion: 77 Resp: 553752
Ion Ratio Lower Upper
77 100
182 24.4 1.1 41.1
105 11.7 0.0 33.0
51 33.4 12.1 52.1

Manual Integrations
APPROVED

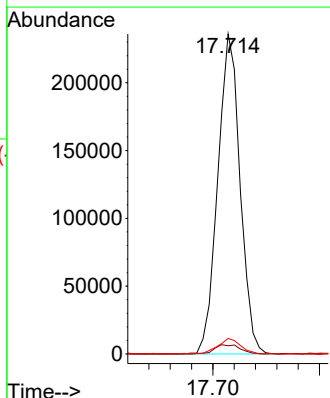
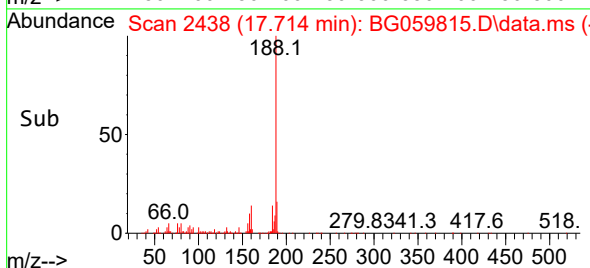
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

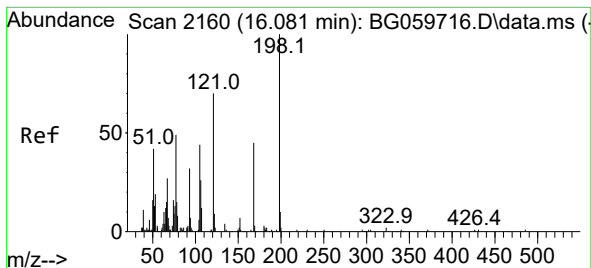


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.714 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:188 Resp: 342028
Ion Ratio Lower Upper
188 100
94 2.6 3.0 4.4#
80 4.8 4.2 6.4





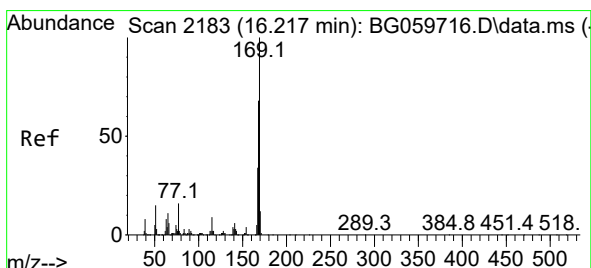
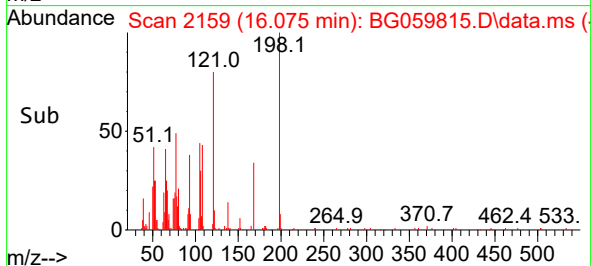
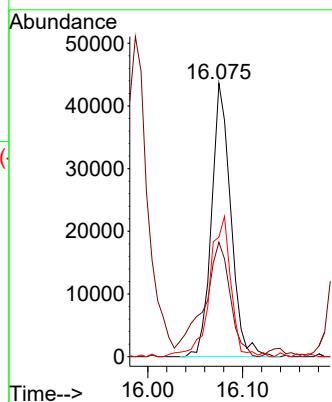
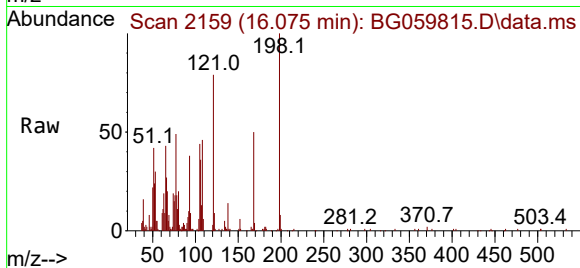
#65
4,6-Dinitro-2-methylphenol
Concen: 29.399 ng
RT: 16.075 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 6145
Ion Ratio Lower Upper
198 100
51 41.9 23.0 63.0
105 43.8 24.0 64.0

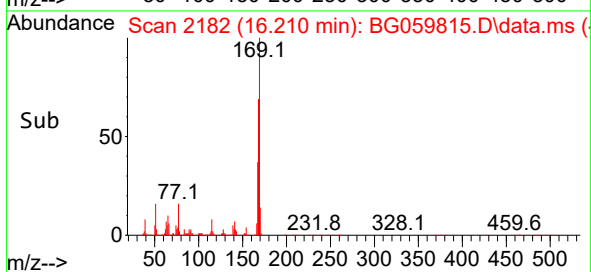
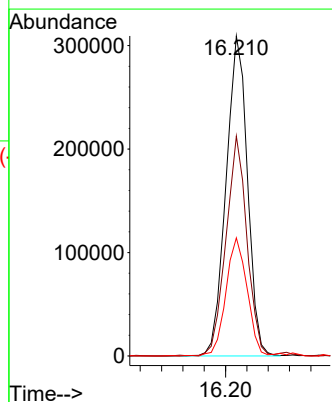
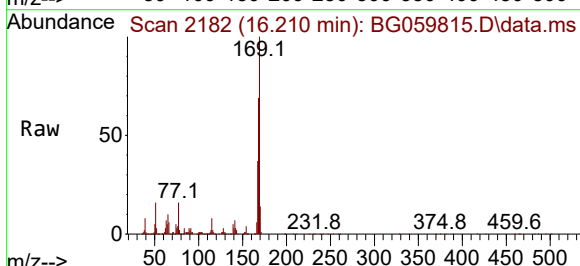
Manual Integrations
APPROVED

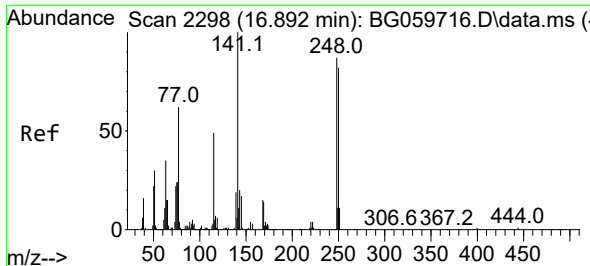
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#66
n-Nitrosodiphenylamine
Concen: 43.157 ng
RT: 16.210 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:169 Resp: 431190
Ion Ratio Lower Upper
169 100
168 68.7 54.5 81.7
167 36.9 27.8 41.6





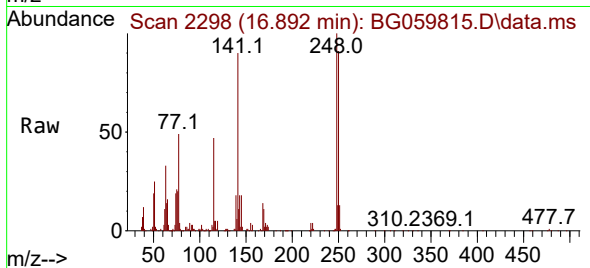
#67
4-Bromophenyl-phenylether
Concen: 46.193 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



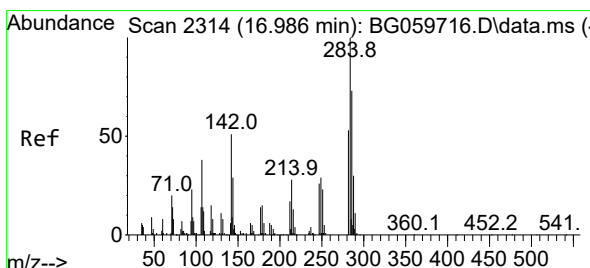
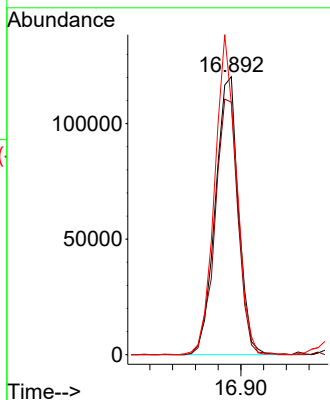
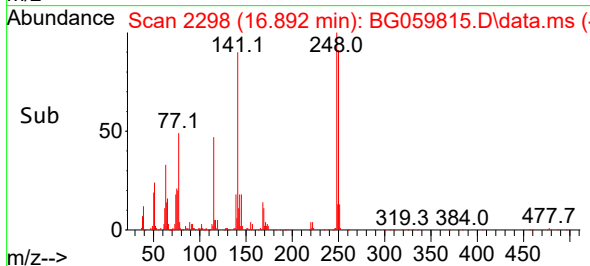
Tgt Ion:248 Resp: 16973
Ion Ratio Lower Upper
248 100
250 90.9 75.2 112.8
141 90.4 91.5 137.3

Manual Integrations

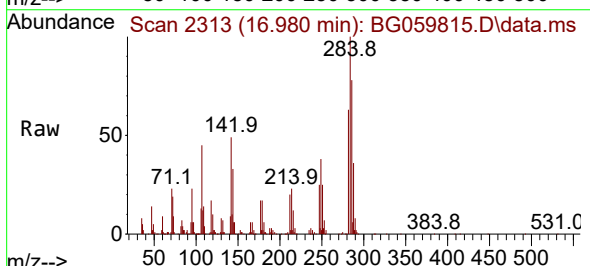
APPROVED

Reviewed By :Yogesh Patel 11/23/2023

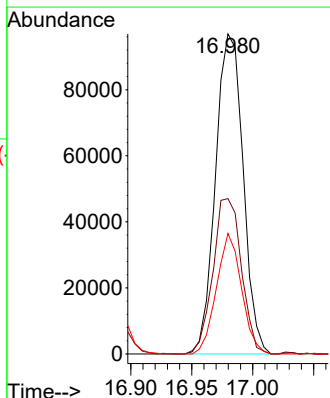
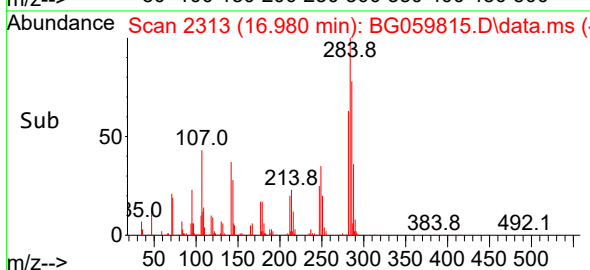
Supervised By :mohammad ahmed 11/25/2023

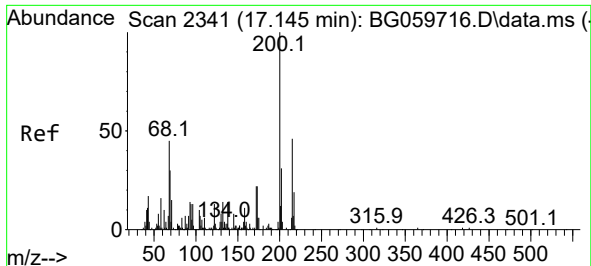


#68
Hexachlorobenzene
Concen: 44.461 ng
RT: 16.980 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



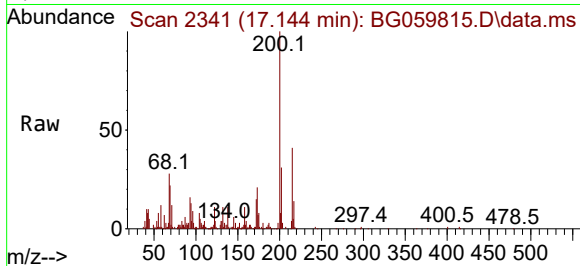
Tgt Ion:284 Resp: 152476
Ion Ratio Lower Upper
284 100
142 48.6 41.0 61.6
249 40.0 24.2 36.4





#69
 Atrazine
 Concen: 40.932 ng
 RT: 17.144 min Scan# 211
 Delta R.T. -0.001 min
 Lab File: BG059815.D
 Acq: 22 Nov 2023 12:33

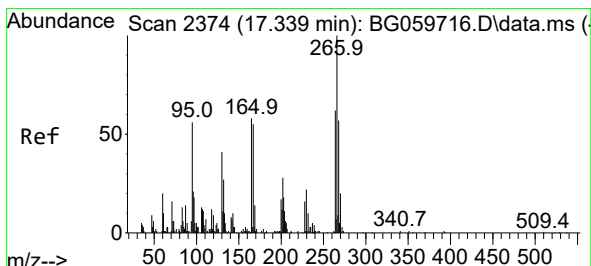
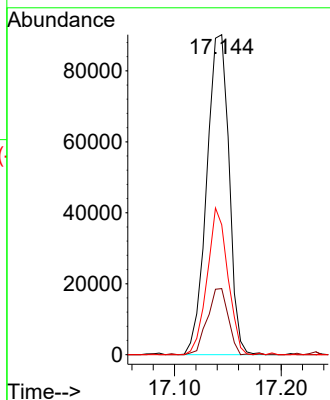
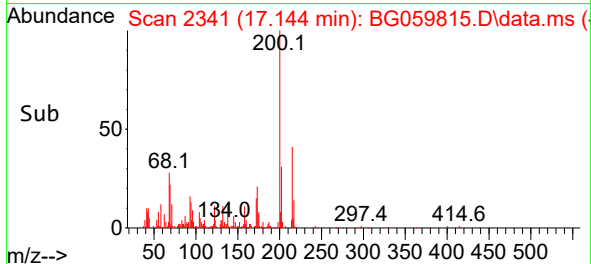
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



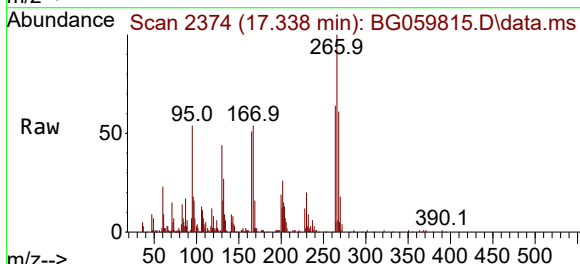
Tgt Ion:200 Resp: 131119
 Ion Ratio Lower Upper
 200 100
 173 20.7 2.3 42.3
 215 40.6 25.6 65.6

Manual Integrations
 APPROVED

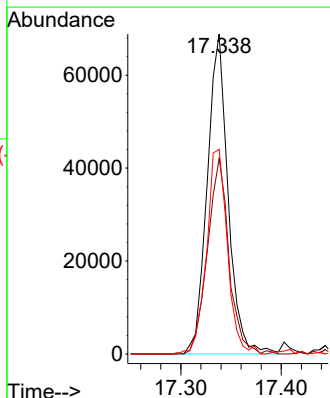
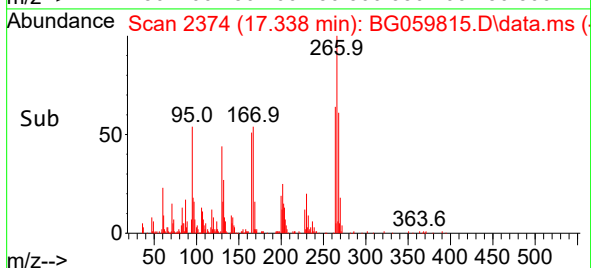
Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

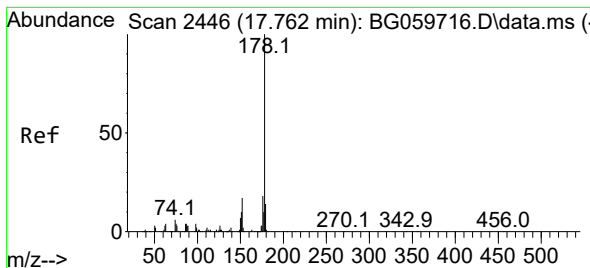


#70
 Pentachlorophenol
 Concen: 38.036 ng
 RT: 17.338 min Scan# 2374
 Delta R.T. -0.001 min
 Lab File: BG059815.D
 Acq: 22 Nov 2023 12:33



Tgt Ion:266 Resp: 99516
 Ion Ratio Lower Upper
 266 100
 268 61.1 45.7 68.5
 264 68.5 49.8 74.8





#71

Phenanthrene

Concen: 44.406 ng

RT: 17.761 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 772192

Ion Ratio Lower Upper

178 100

176 16.7 14.5 21.7

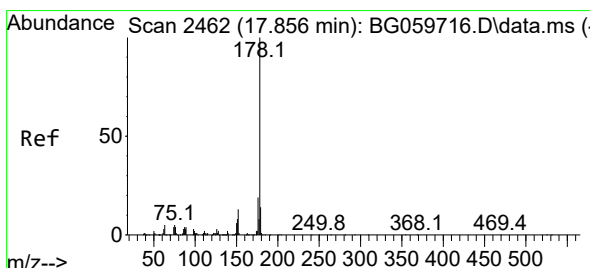
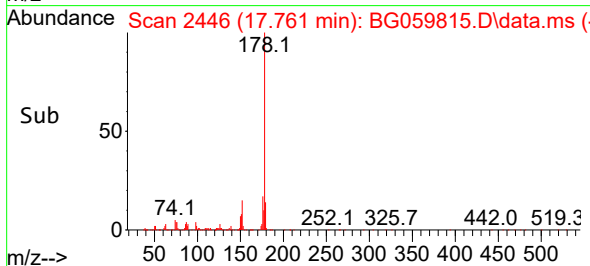
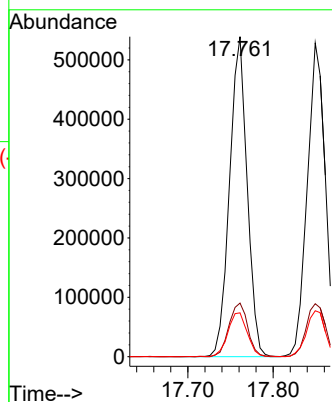
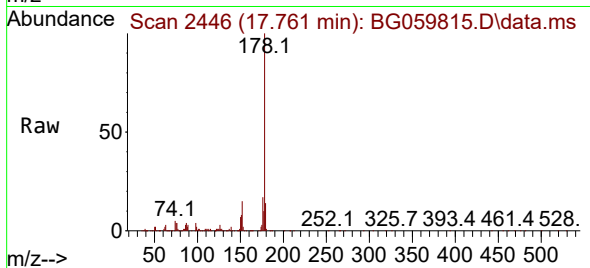
179 13.7 11.2 16.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#72

Anthracene

Concen: 42.532 ng

RT: 17.849 min Scan# 2461

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

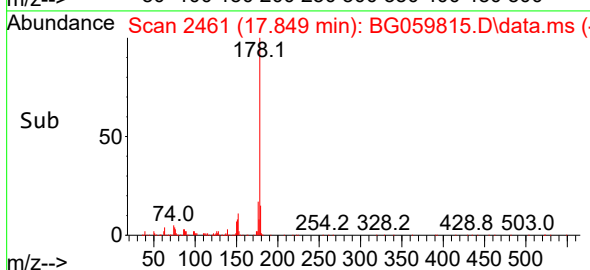
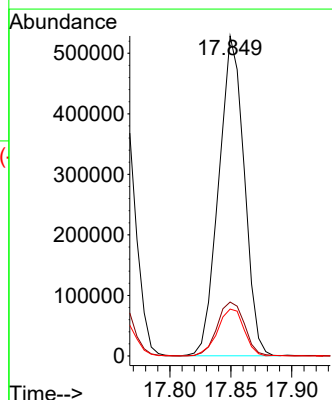
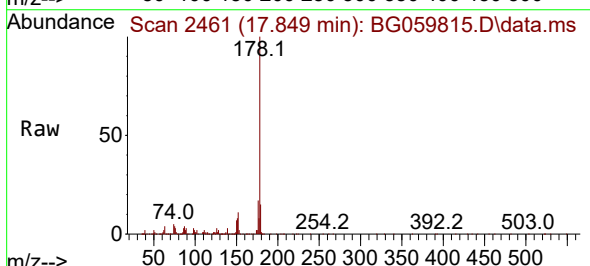
Tgt Ion:178 Resp: 768457

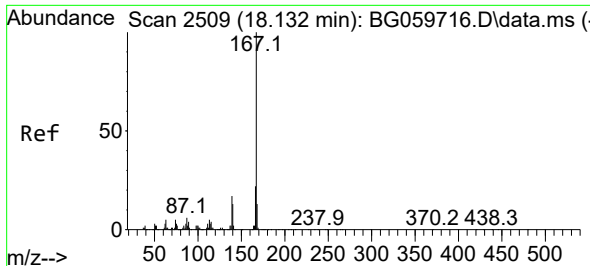
Ion Ratio Lower Upper

178 100

176 16.9 15.0 22.4

179 14.7 11.5 17.3





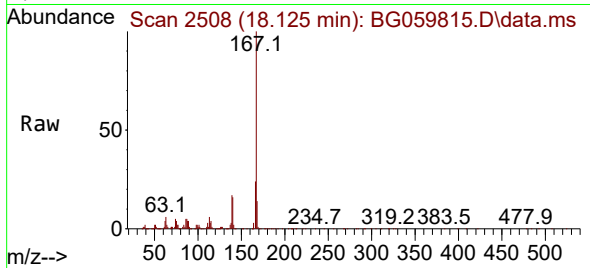
#73
Carbazole
Concen: 41.143 ng
RT: 18.125 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



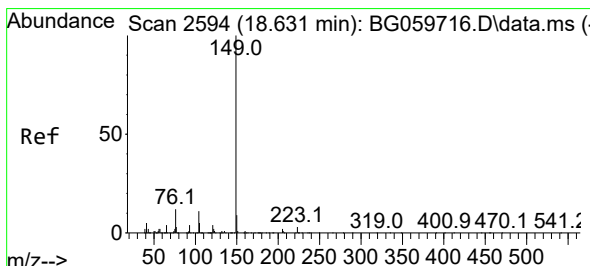
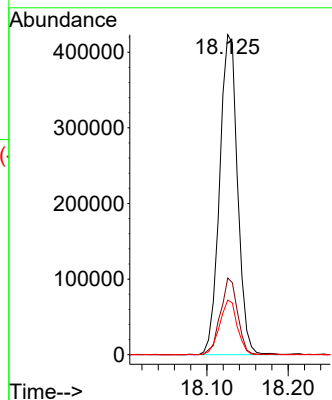
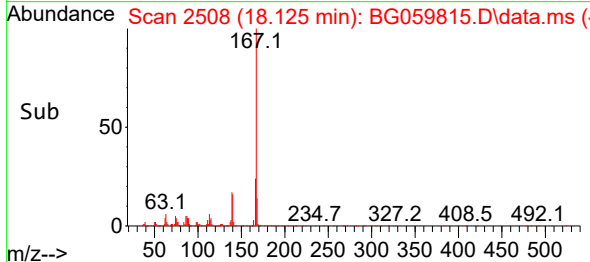
Tgt Ion:167 Resp: 64941
Ion Ratio Lower Upper
167 100
166 24.0 17.4 26.0
139 17.1 13.2 19.8

Manual Integrations

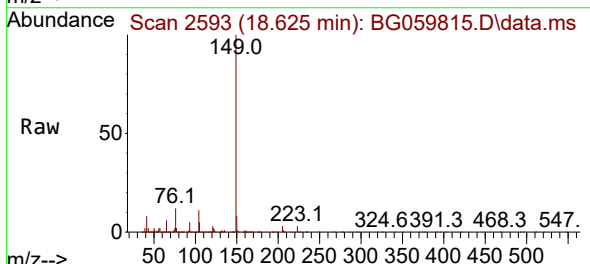
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Reviewed By :Yogesh Patel 11/23/2023

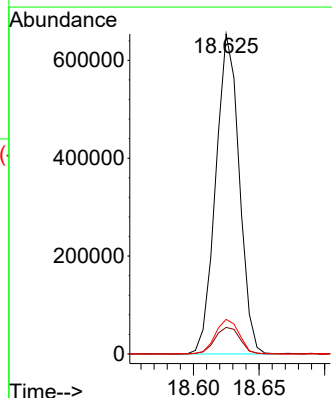
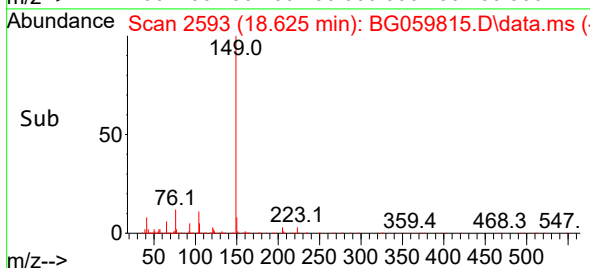
Supervised By :mohammad ahmed 11/25/2023

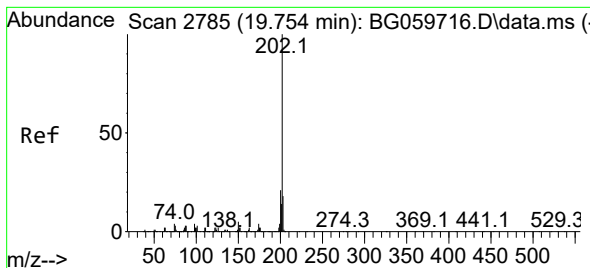


#74
Di-n-butylphthalate
Concen: 42.596 ng
RT: 18.625 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:149 Resp: 812721
Ion Ratio Lower Upper
149 100
150 8.3 7.5 11.3
104 10.8 8.6 12.8





#75

Fluoranthene

Concen: 40.251 ng

RT: 19.753 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

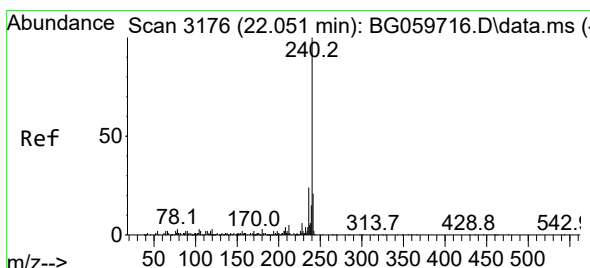
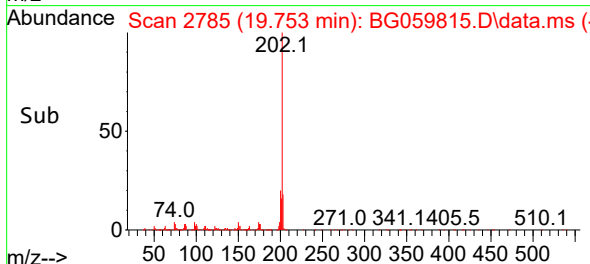
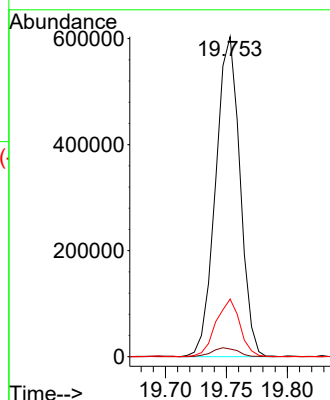
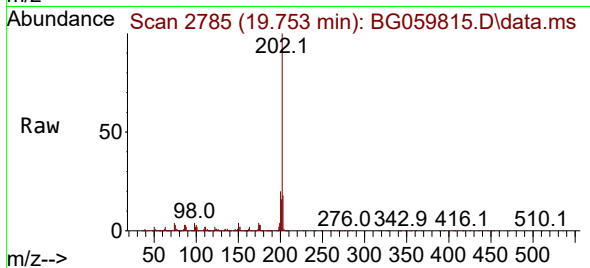
Tgt Ion:	202	Resp:	83940
Ion Ratio	Lower	Upper	
202	100		
101	2.4	0.0	22.7
203	18.0	0.0	38.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#76

Chrysene-d12

Concen: 20.000 ng

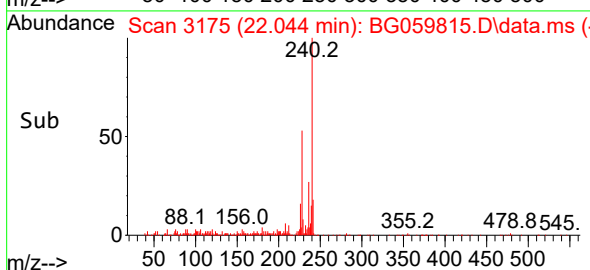
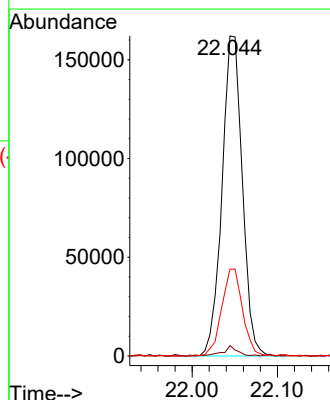
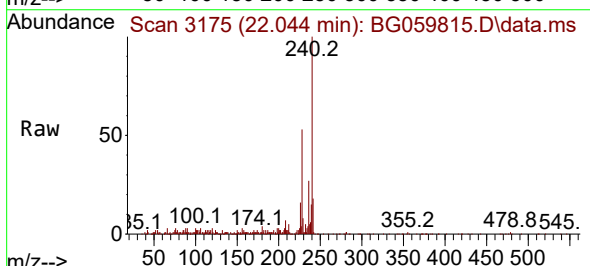
RT: 22.044 min Scan# 3175

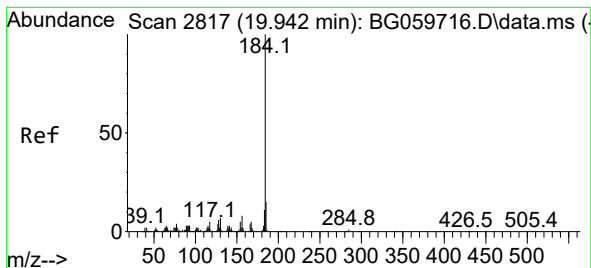
Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Tgt Ion:	240	Resp:	267937
Ion Ratio	Lower	Upper	
240	100		
120	3.3	2.2	3.2#
236	27.1	19.4	29.2





#77

Benzidine

Concen: 36.212 ng

RT: 19.935 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

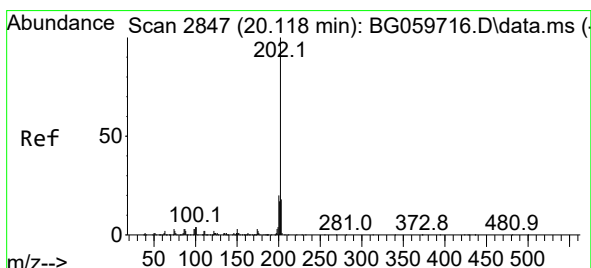
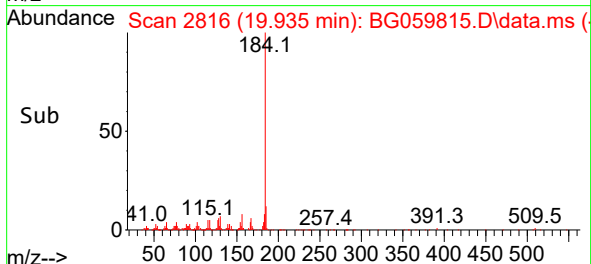
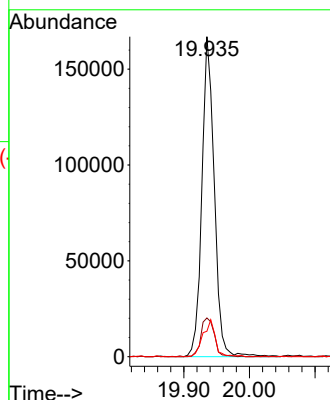
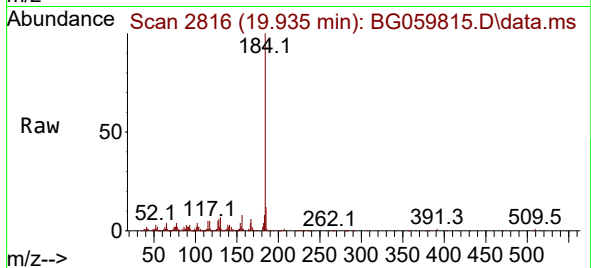
Tgt Ion:184 Resp: 220014
 Ion Ratio Lower Upper
 184 100
 185 12.1 12.2 18.2
 183 8.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#78

Pyrene

Concen: 45.314 ng

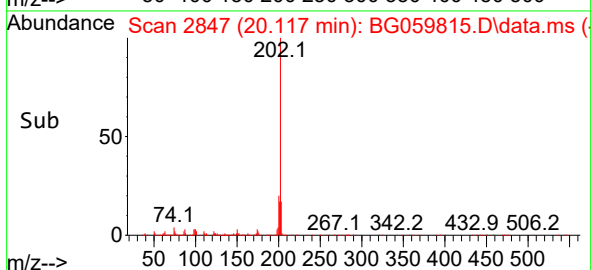
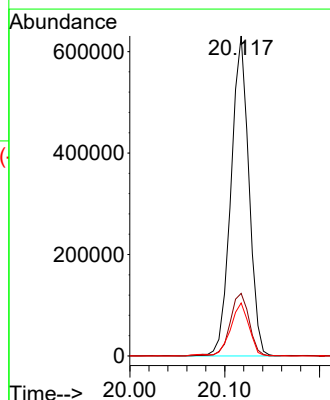
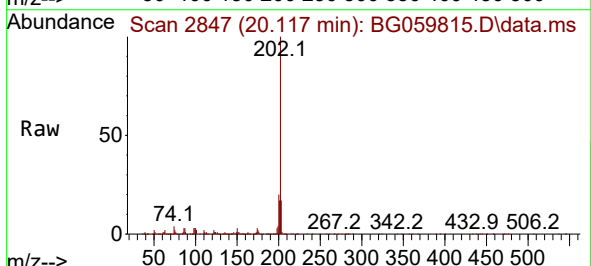
RT: 20.117 min Scan# 2847

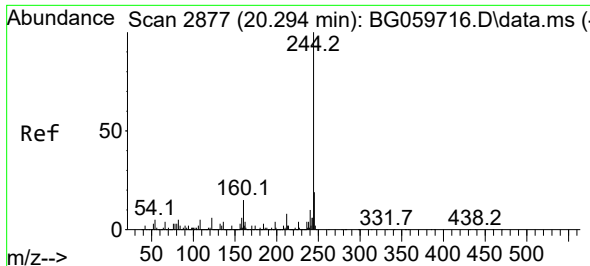
Delta R.T. -0.001 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Tgt Ion:202 Resp: 826092
 Ion Ratio Lower Upper
 202 100
 200 19.6 16.2 24.4
 203 16.6 14.0 21.0





#79
 Terphenyl-d14
 Concen: 92.132 ng
 RT: 20.294 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG059815.D
 Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

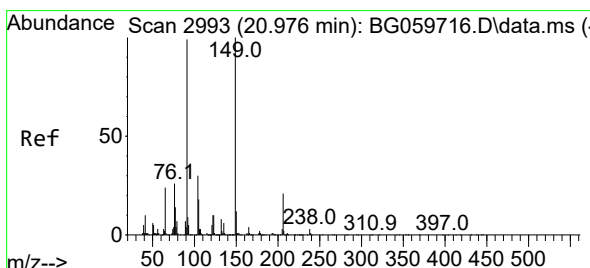
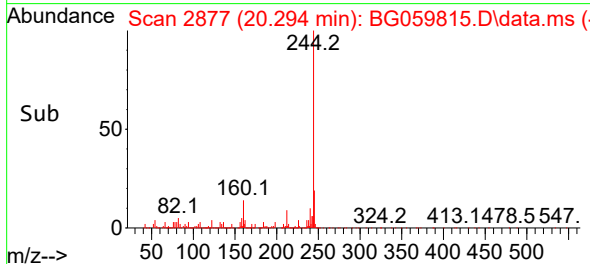
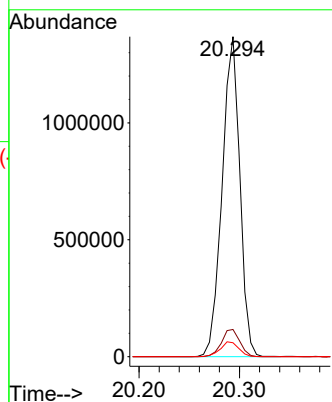
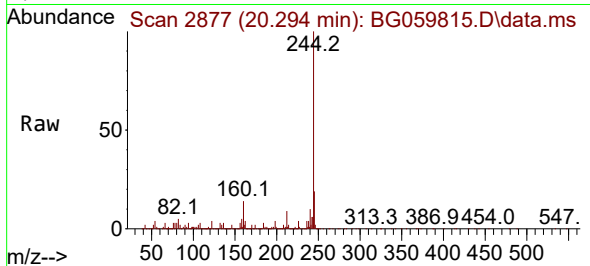
Tgt Ion:244 Resp: 1672178
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 4.4 4.4 6.6

Manual Integrations

APPROVED

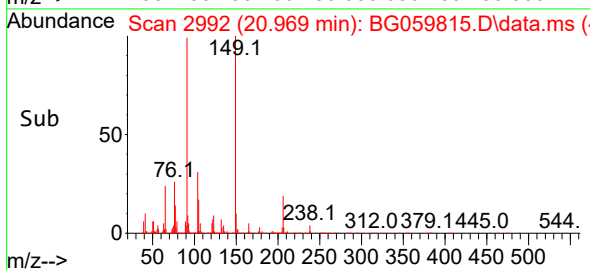
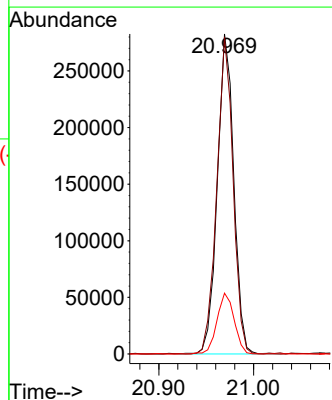
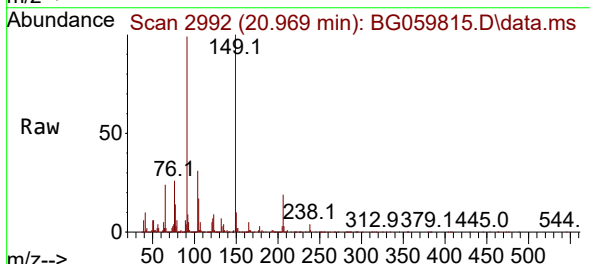
Reviewed By :Yogesh Patel 11/23/2023

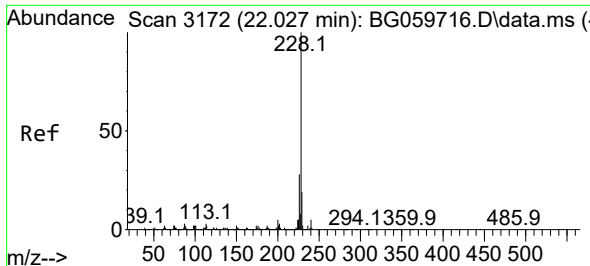
Supervised By :mohammad ahmed 11/25/2023



#80
 Butylbenzylphthalate
 Concen: 45.567 ng
 RT: 20.969 min Scan# 2992
 Delta R.T. -0.006 min
 Lab File: BG059815.D
 Acq: 22 Nov 2023 12:33

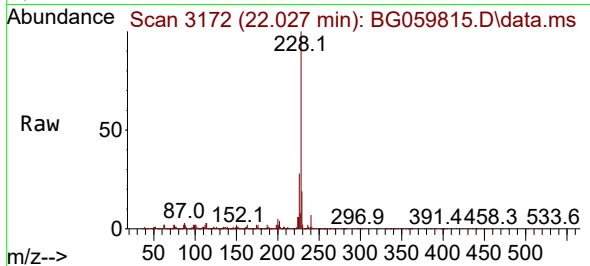
Tgt Ion:149 Resp: 340623
 Ion Ratio Lower Upper
 149 100
 91 99.1 79.6 119.4
 206 19.0 16.9 25.3





#81
Benzo(a)anthracene
Concen: 41.765 ng
RT: 22.027 min Scan# 3172
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

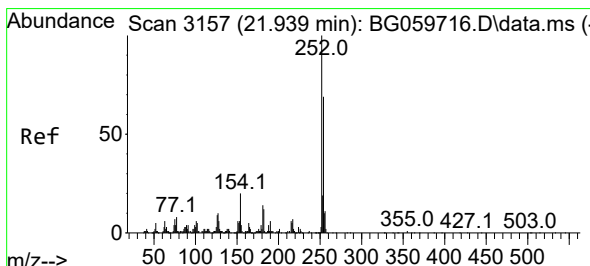
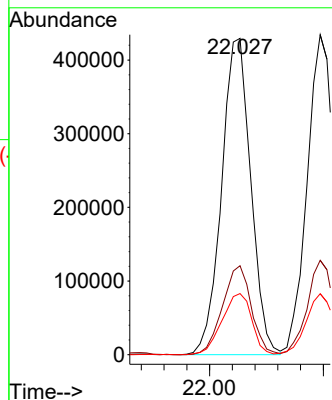
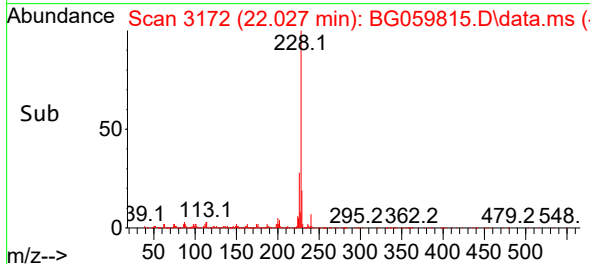
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



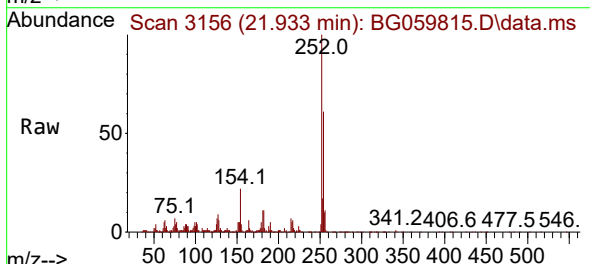
Tgt Ion:228 Resp: 765674
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 19.3 14.9 22.3

Manual Integrations
APPROVED

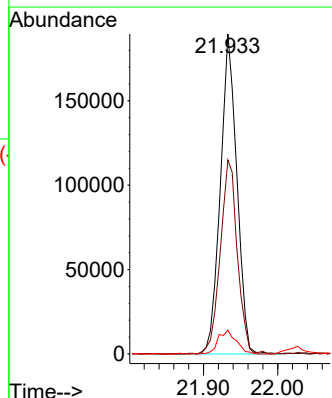
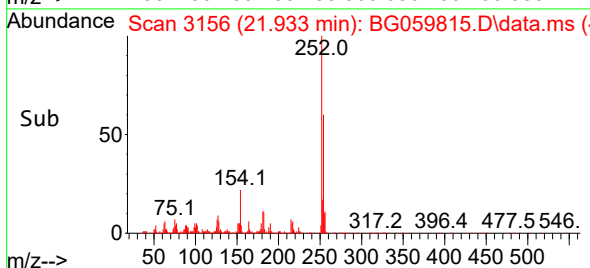
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

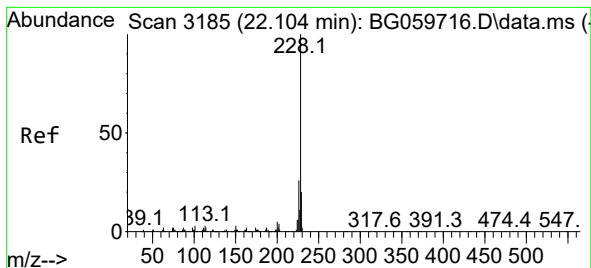


#82
3,3'-Dichlorobenzidine
Concen: 42.826 ng
RT: 21.933 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:252 Resp: 292502
Ion Ratio Lower Upper
252 100
254 60.6 55.2 82.8
126 7.5 7.0 10.6





#83

Chrysene

Concen: 43.216 ng

RT: 22.097 min Scan# 3184

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

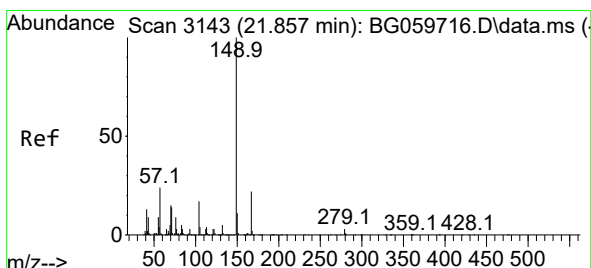
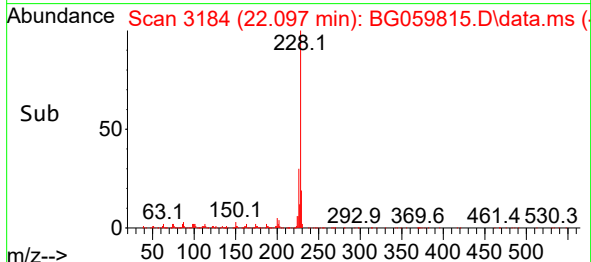
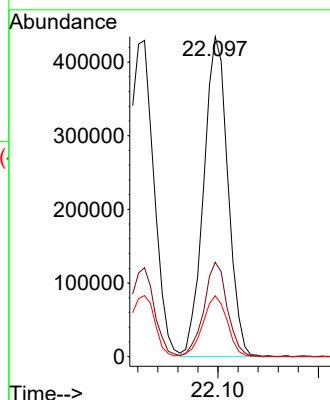
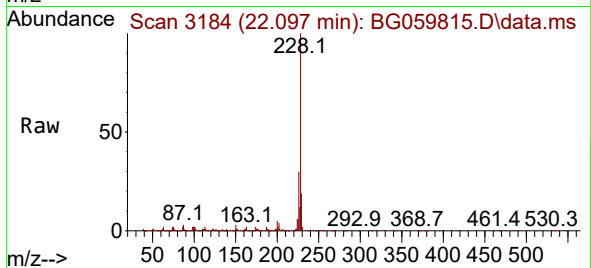
Tgt Ion:	228	Resp:	726269
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.1	31.7
229	19.1	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.959 ng

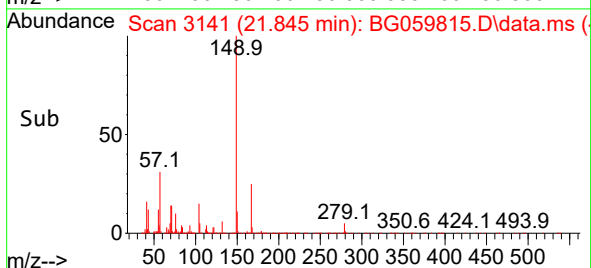
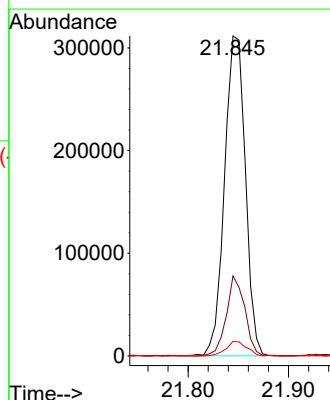
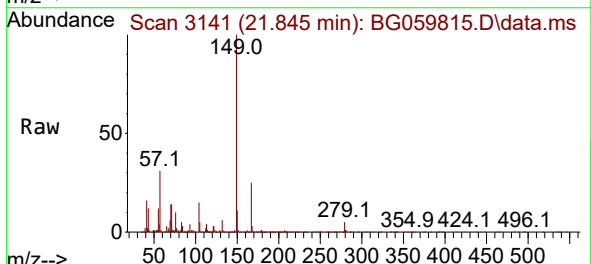
RT: 21.845 min Scan# 3141

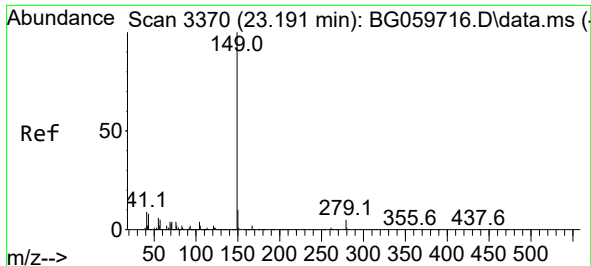
Delta R.T. -0.012 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

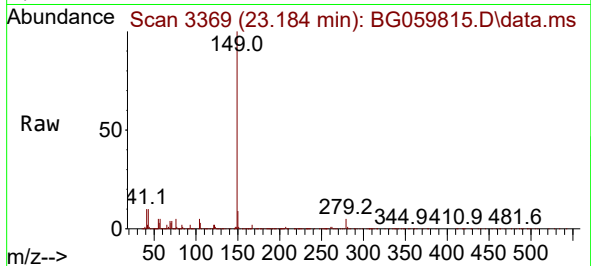
Tgt Ion:	149	Resp:	448916
Ion Ratio	Lower	Upper	
149	100		
167	25.0	17.6	26.4
279	4.6	2.7	4.1#





#85
Di-n-octyl phthalate
Concen: 36.063 ng
RT: 23.184 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

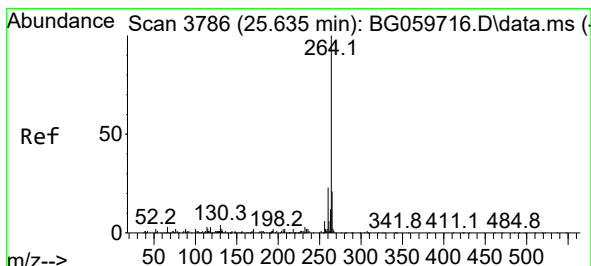
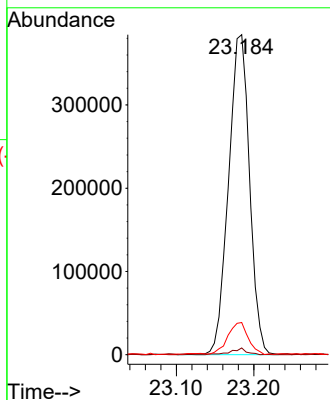
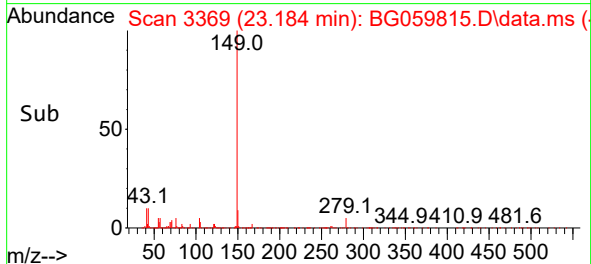
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 725478
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 6.3 9.5

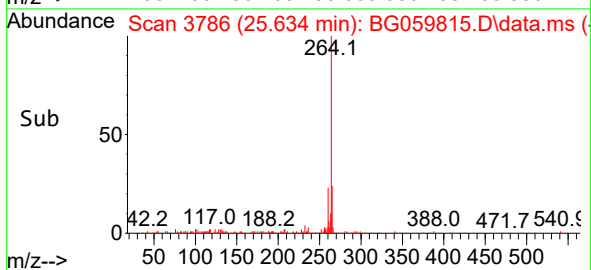
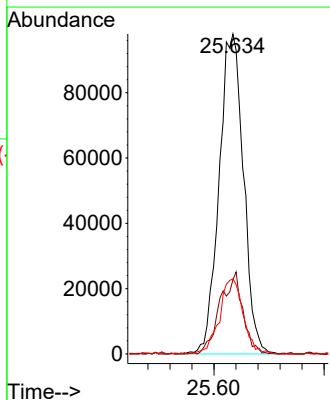
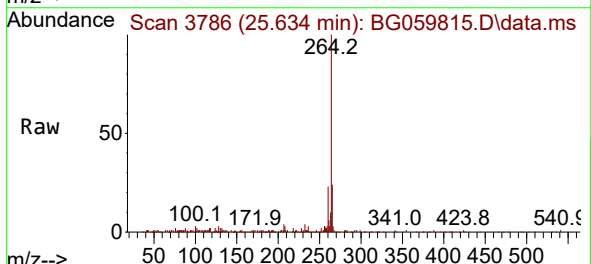
Manual Integrations
APPROVED

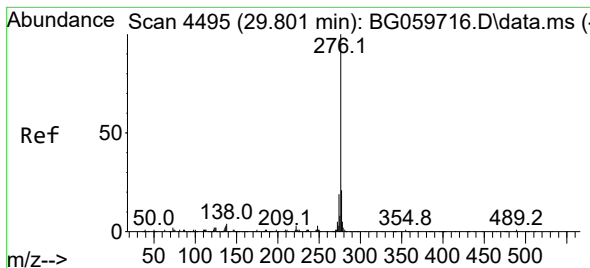
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.634 min Scan# 3786
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:264 Resp: 300662
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 23.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.749 ng m

RT: 29.794 min Scan# 4495

Delta R.T. -0.006 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 90430

Ion Ratio Lower Upper

276 100

138 0.4 1.8 2.6

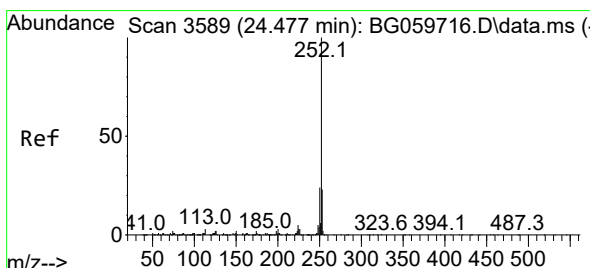
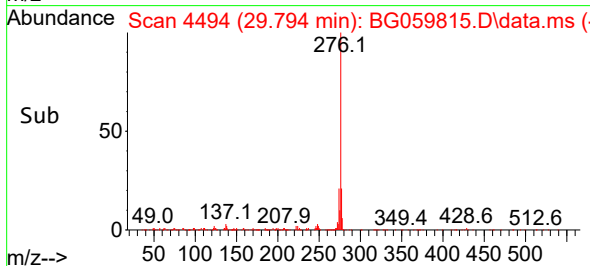
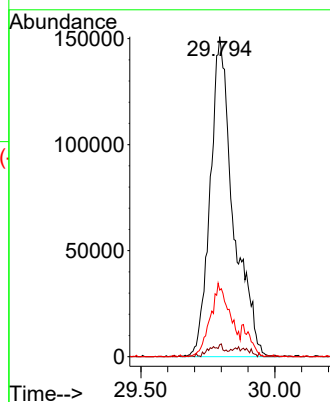
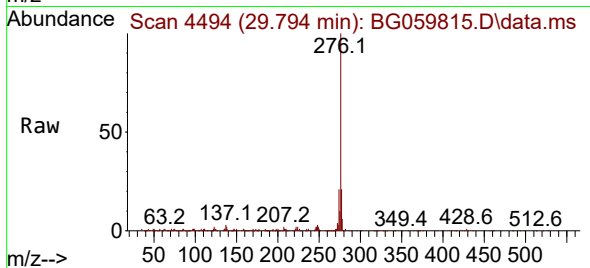
277 19.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#88

Benzo(b)fluoranthene

Concen: 46.313 ng

RT: 24.477 min Scan# 3589

Delta R.T. -0.001 min

Lab File: BG059815.D

Acq: 22 Nov 2023 12:33

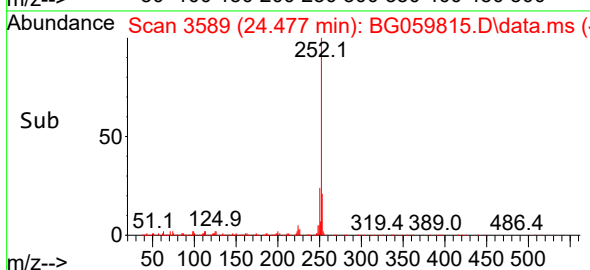
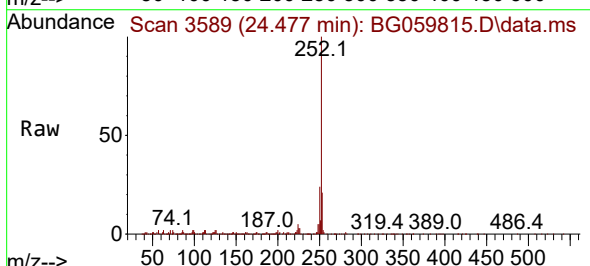
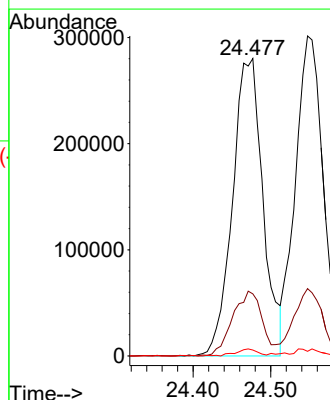
Tgt Ion:252 Resp: 763194

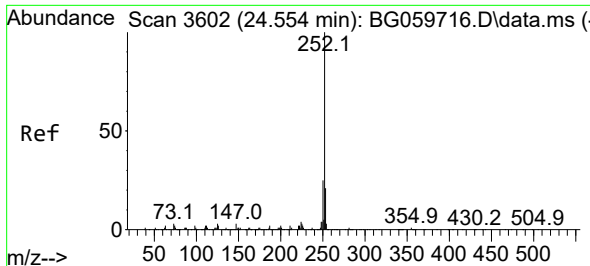
Ion Ratio Lower Upper

252 100

253 20.9 18.3 27.5

125 2.0 1.4 2.0





#89
Benzo(k)fluoranthene
Concen: 45.651 ng
RT: 24.547 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNA_G

ClientSampleId :

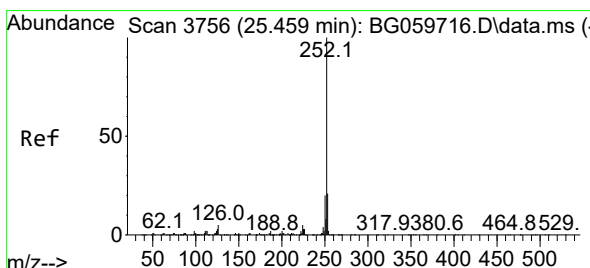
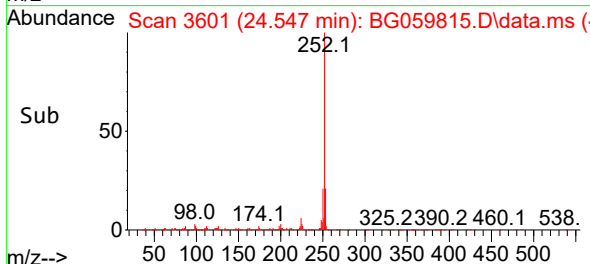
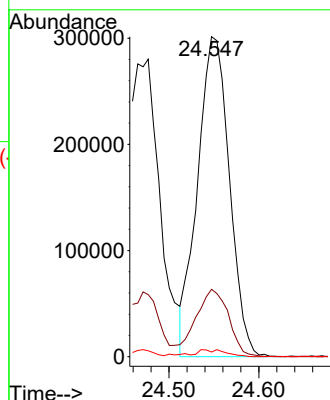
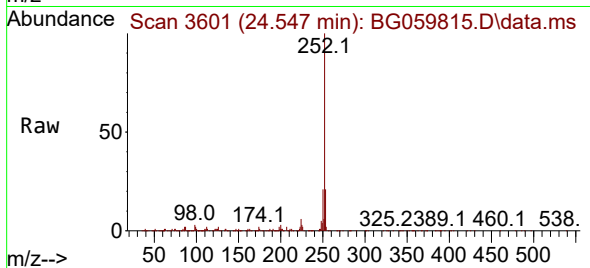
SSTDCCC040

Tgt Ion:252 Resp: 743738
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 1.5 2.2 3.2

Manual Integrations

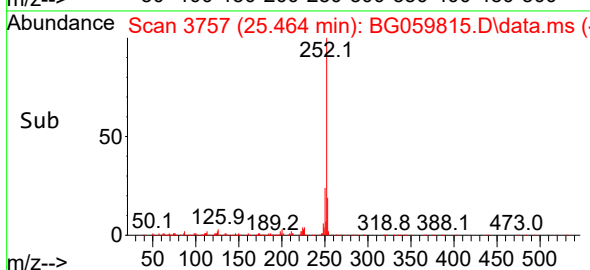
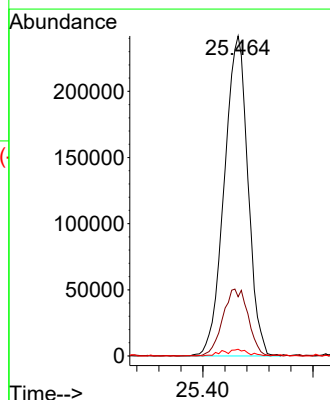
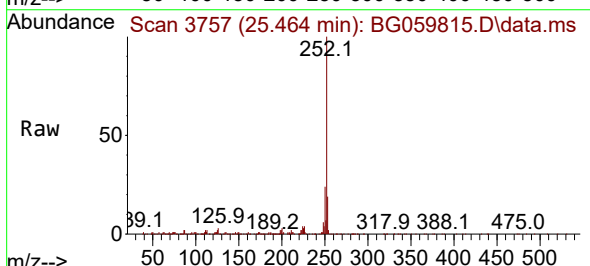
APPROVED

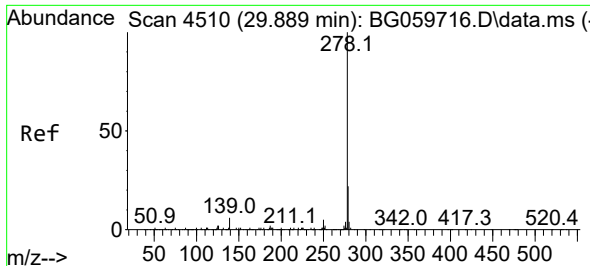
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#90
Benzo(a)pyrene
Concen: 40.933 ng
RT: 25.464 min Scan# 3757
Delta R.T. 0.005 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Tgt Ion:252 Resp: 719889
Ion Ratio Lower Upper
252 100
253 18.5 16.8 25.2
125 2.1 2.0 3.0





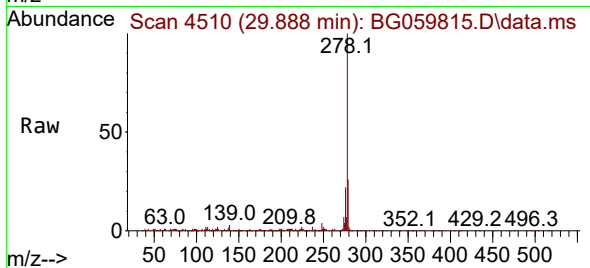
#91
Dibenzo(a,h)anthracene
Concen: 39.030 ng
RT: 29.888 min Scan# 4510
Delta R.T. -0.001 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33

Instrument :

BNL_G

ClientSampleId :

SSTDCCC040



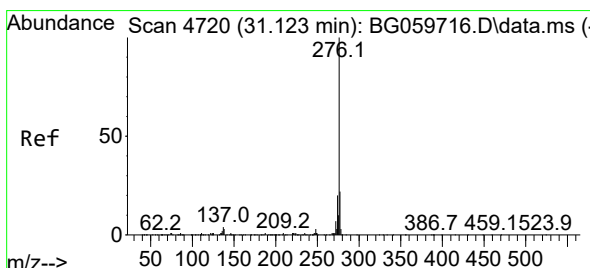
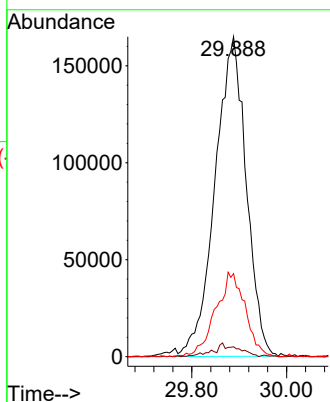
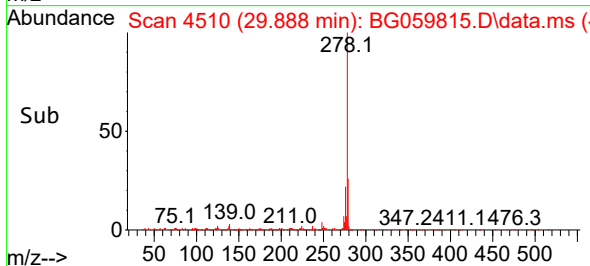
Tgt Ion:278 Resp: 751228
Ion Ratio Lower Upper
278 100
139 3.1 4.6 7.0
279 25.9 17.4 26.0

Manual Integrations

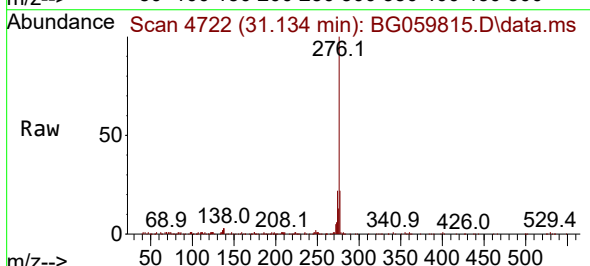
APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#92
Benzo(g,h,i)perylene
Concen: 38.792 ng
RT: 31.134 min Scan# 4722
Delta R.T. 0.011 min
Lab File: BG059815.D
Acq: 22 Nov 2023 12:33



Tgt Ion:276 Resp: 708455
Ion Ratio Lower Upper
276 100
277 21.8 17.3 25.9
138 3.3 2.6 4.0

