

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059855.D
 Acq On : 24 Nov 2023 12:26
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 15:12:22 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 24 15:11:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.315	152	19653	20.000	ng	# 0.00
21) Naphthalene-d8	11.170	136	95047	20.000	ng	# 0.00
39) Acenaphthene-d10	14.954	164	123771	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	296246	20.000	ng	# 0.00
76) Chrysene-d12	22.034	240	209675	20.000	ng	0.00
86) Perylene-d12	25.612	264	214914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	166071	142.228	ng	0.00
7) Phenol-d6	7.445	99	149768	86.555	ng	0.00
23) Nitrobenzene-d5	9.525	82	208974	83.970	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	144102	102.612	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	863206	93.876	ng	0.00
79) Terphenyl-d14	20.283	244	1383180	97.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.644	88	35716	65.125	ng	97
3) Pyridine	4.067	79	119794	79.975	ng	91
4) n-Nitrosodimethylamine	3.990	42	55010	69.033	ng	# 79
6) Aniline	7.645	93	88756	38.868	ng	# 90
8) 2-Chlorophenol	7.874	128	49884	39.380	ng	93
9) Benzaldehyde	7.463	77	48322	41.314	ng	93
10) Phenol	7.474	94	73853	41.413	ng	94
11) bis(2-Chloroethyl)ether	7.739	93	41795	37.648	ng	88
12) 1,3-Dichlorobenzene	8.209	146	59032m	41.955	ng	
13) 1,4-Dichlorobenzene	8.362	146	61483	43.514	ng	92
14) 1,2-Dichlorobenzene	8.679	146	53997m	38.465	ng	
15) Benzyl Alcohol	8.567	79	91739	46.493	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.843	45	16283	39.866	ng	# 82
17) 2-Methylphenol	8.749	107	64374	49.008	ng	# 79
18) Hexachloroethane	9.407	117	24953	41.608	ng	# 86
19) n-Nitroso-di-n-propyla...	9.131	70	58441	42.889	ng	# 91
20) 3+4-Methylphenols	9.090	107	83650	45.873	ng	92
22) Acetophenone	9.172	105	124338	46.207	ng	# 86
24) Nitrobenzene	9.566	77	99486	43.405	ng	98
25) Isophorone	10.077	82	174370	41.735	ng	# 90
26) 2-Nitrophenol	10.277	139	36767	43.754	ng	# 83
27) 2,4-Dimethylphenol	10.301	122	69062	40.422	ng	84
28) bis(2-Chloroethoxy)met...	10.559	93	64323	40.969	ng	98
29) 2,4-Dichlorophenol	10.806	162	66579	45.643	ng	96
30) 1,2,4-Trichlorobenzene	11.017	180	60382	40.958	ng	# 97
31) Naphthalene	11.223	128	215074	45.001	ng	# 96
32) Benzoic acid	10.442	122	64368m	55.359	ng	
33) 4-Chloroaniline	11.341	127	94093	46.286	ng	# 87
34) Hexachlorobutadiene	11.446	225	49474	49.310	ng	90
35) Caprolactam	12.145	113	36104	67.723	ng	89
36) 4-Chloro-3-methylphenol	12.416	107	137958	71.113	ng	94
37) 2-Methylnaphthalene	12.803	142	292529	72.672	ng	88
38) 1-Methylnaphthalene	13.021	142	292167m	78.706	ng	
40) 1,2,4,5-Tetrachloroben...	13.144	216	153614	45.956	ng	99
41) Hexachlorocyclopentadiene	13.097	237	128320	61.199	ng	84
43) 2,4,6-Trichlorophenol	13.391	196	108733	46.778	ng	94

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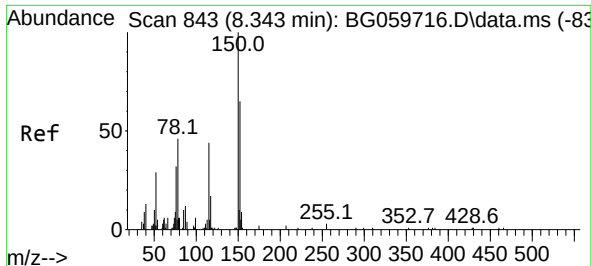
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 24 15:11:07 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.462	196	125544	45.967	ng	# 87
46) 1,1'-Biphenyl	13.791	154	432608	44.530	ng	99
47) 2-Chloronaphthalene	13.849	162	299346	44.843	ng	95
48) 2-Nitroaniline	14.067	65	126830	53.216	ng	# 81
49) Acenaphthylene	14.690	152	520738	45.750	ng	96
50) Dimethylphthalate	14.402	163	459657	47.923	ng	98
51) 2,6-Dinitrotoluene	14.543	165	85916	47.217	ng	83
52) Acenaphthene	15.024	154	312863	45.705	ng	96
53) 3-Nitroaniline	14.883	138	97230	45.651	ng	99
54) 2,4-Dinitrophenol	15.083	184	63737	47.138	ng	# 79
55) Dibenzofuran	15.353	168	522135	46.264	ng	96
56) 4-Nitrophenol	15.160	139	71568	43.921	ng	94
57) 2,4-Dinitrotoluene	15.324	165	135509	48.426	ng	97
58) Fluorene	16.000	166	443593	47.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.559	232	108502	45.193	ng	99
60) Diethylphthalate	15.741	149	508842	49.465	ng	97
61) 4-Chlorophenyl-phenyle...	15.982	204	232343	48.142	ng	90
62) 4-Nitroaniline	16.047	138	97469	45.662	ng	93
63) Azobenzene	16.276	77	525497	45.969	ng	97
65) 4,6-Dinitro-2-methylph...	16.070	198	83773	46.272	ng	90
66) n-Nitrosodiphenylamine	16.200	169	403121	46.582	ng	97
67) 4-Bromophenyl-phenylether	16.881	248	148355	46.615	ng	99
68) Hexachlorobenzene	16.975	284	142704	48.042	ng	97
69) Atrazine	17.134	200	117451	42.331	ng	92
70) Pentachlorophenol	17.328	266	93770	41.378	ng	# 81
71) Phenanthrene	17.751	178	690077	45.816	ng	99
72) Anthracene	17.845	178	686540	43.870	ng	98
73) Carbazole	18.121	167	595559	43.561	ng	96
74) Di-n-butylphthalate	18.614	149	723663	43.790	ng	99
75) Fluoranthene	19.742	202	709724	39.292	ng	99
77) Benzidine	19.930	184	114609	24.105	ng	# 94
78) Pyrene	20.107	202	671933	47.100	ng	99
80) Butylbenzylphthalate	20.959	149	271129	46.349	ng	94
81) Benzo(a)anthracene	22.010	228	630240	43.930	ng	99
82) 3,3'-Dichlorobenzidine	21.922	252	211655	39.600	ng	90
83) Chrysene	22.087	228	579794	44.086	ng	97
84) Bis(2-ethylhexyl)phtha...	21.834	149	358230	43.807	ng	# 93
85) Di-n-octyl phthalate	23.162	149	577137	36.661	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.760	276	719965m	44.273	ng	
88) Benzo(b)fluoranthene	24.449	252	583201	49.511	ng	94
89) Benzo(k)fluoranthene	24.531	252	577242	49.568	ng	95
90) Benzo(a)pyrene	25.442	252	561361	44.654	ng	# 95
91) Dibenzo(a,h)anthracene	29.848	278	608642	44.238	ng	# 94
92) Benzo(g,h,i)perylene	31.094	276	570462	43.699	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.315 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

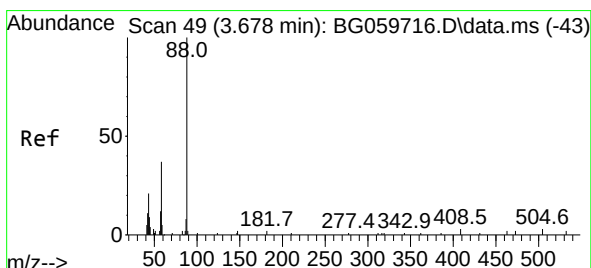
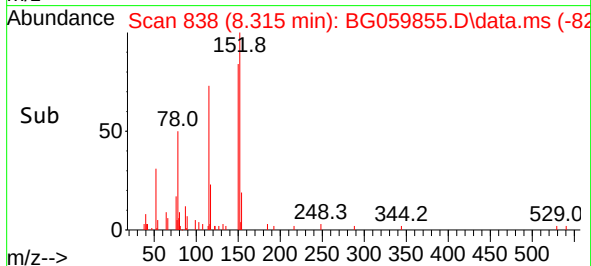
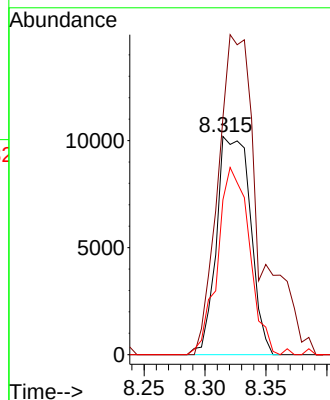
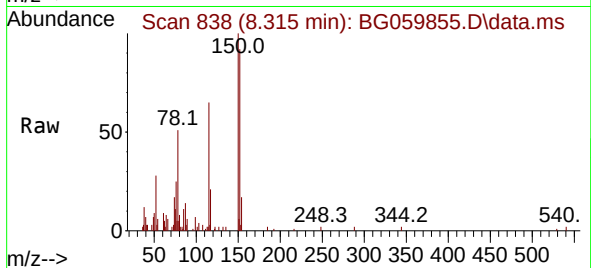
SSTDCCC040

Tgt Ion:152 Resp: 1965
Ion Ratio Lower Upper
152 100
150 108.5 122.2 183.4
115 71.0 54.2 81.4

Manual Integrations

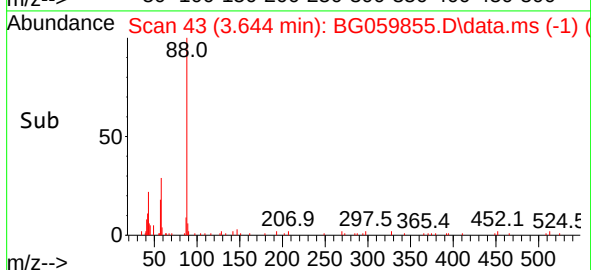
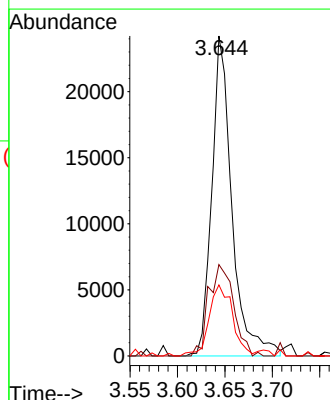
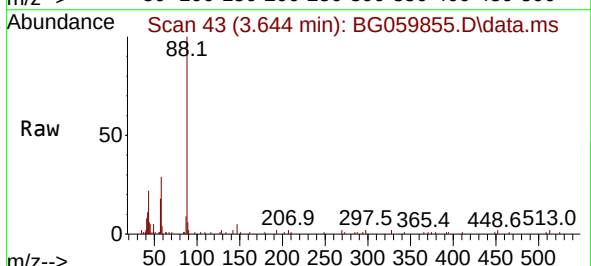
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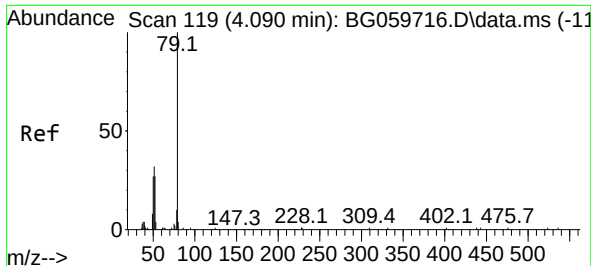
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 65.125 ng
RT: 3.644 min Scan# 43
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion: 88 Resp: 35716
Ion Ratio Lower Upper
88 100
58 35.5 28.6 42.8
43 25.7 17.5 26.3





#3
 Pyridine
 Concen: 79.975 ng
 RT: 4.067 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BG059855.D
 Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

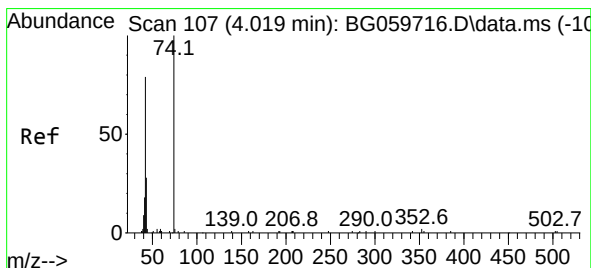
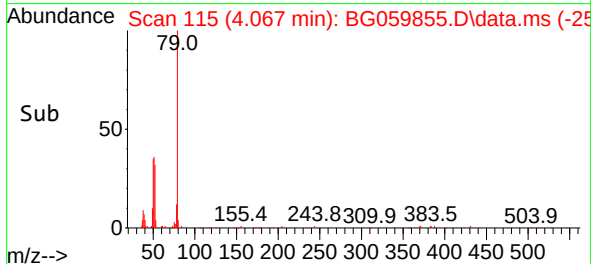
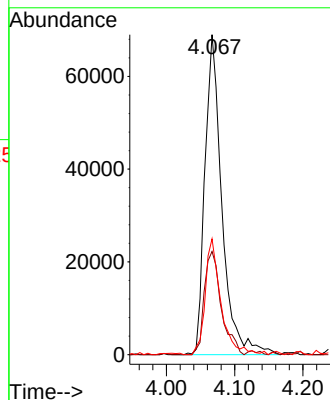
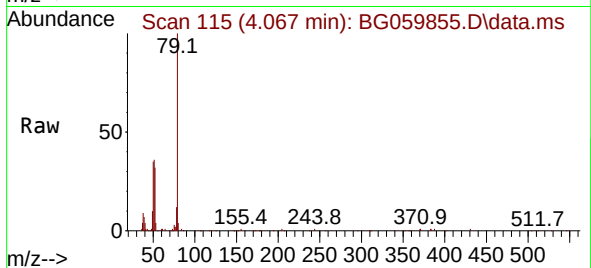
Tgt Ion: 79 Resp: 119794
 Ion Ratio Lower Upper
 79 100
 52 32.2 21.6 32.4
 51 36.2 25.3 37.9

Manual Integrations

APPROVED

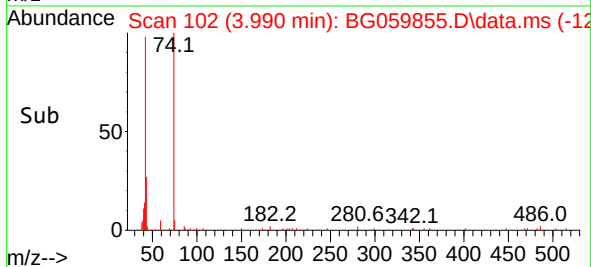
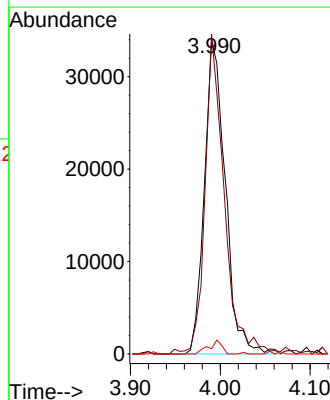
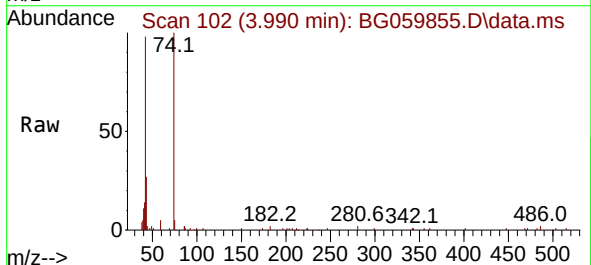
Reviewed By :Yogesh Patel 11/27/2023

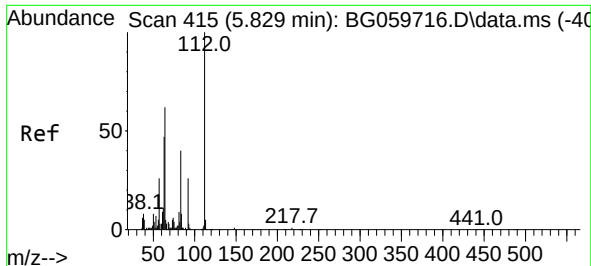
Supervised By :mohammad ahmed 11/28/2023



#4
 n-Nitrosodimethylamine
 Concen: 69.033 ng
 RT: 3.990 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: BG059855.D
 Acq: 24 Nov 2023 12:26

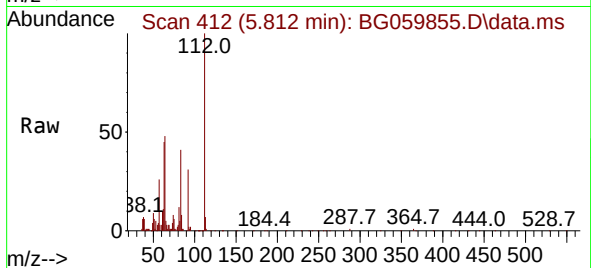
Tgt Ion: 42 Resp: 55010
 Ion Ratio Lower Upper
 42 100
 74 101.9 101.2 151.8
 44 1.7 2.4 3.6





#5
2-Fluorophenol
Concen: 142.228 ng
RT: 5.812 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

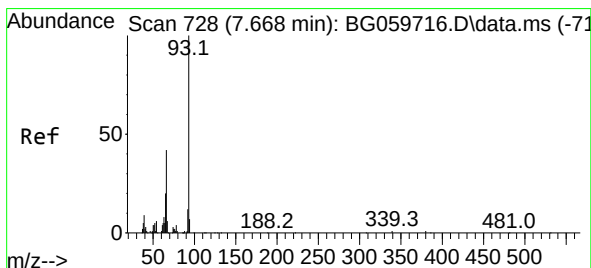
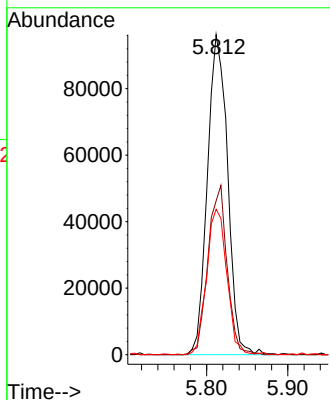
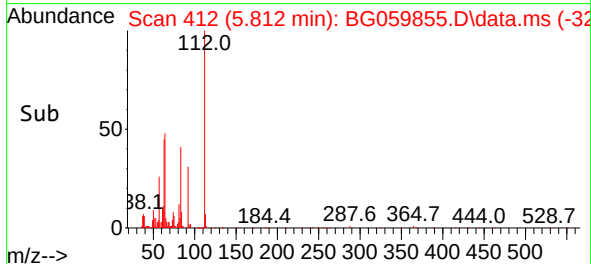
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 16607
Ion Ratio Lower Upper
112 100
64 48.0 49.5 74.3
63 45.5 37.4 56.2

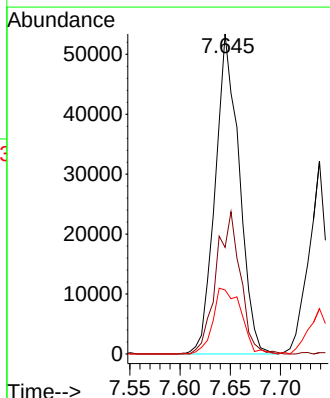
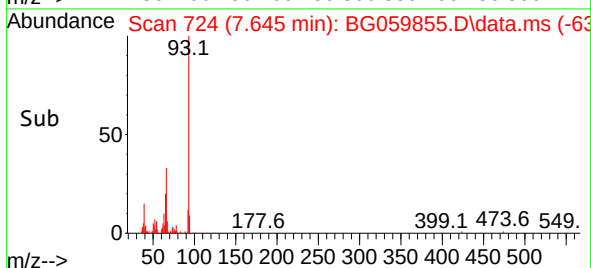
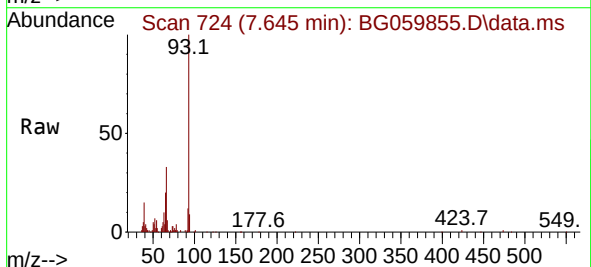
Manual Integrations
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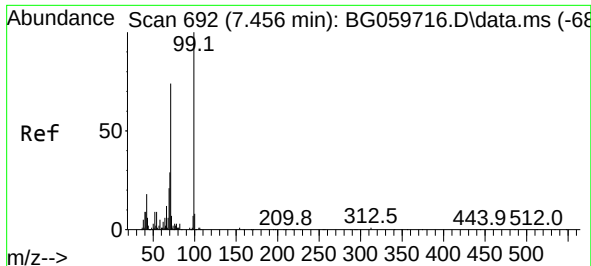
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 38.868 ng
RT: 7.645 min Scan# 724
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion: 93 Resp: 88756
Ion Ratio Lower Upper
93 100
66 33.3 33.9 50.9
65 20.0 15.8 23.8





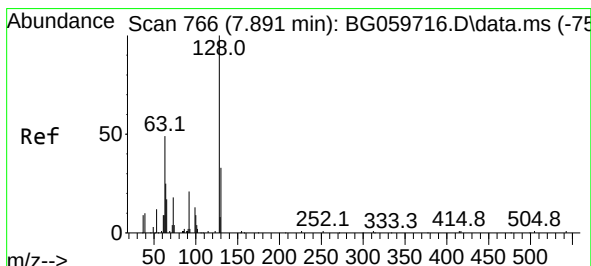
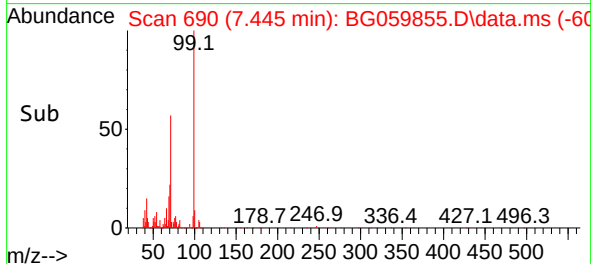
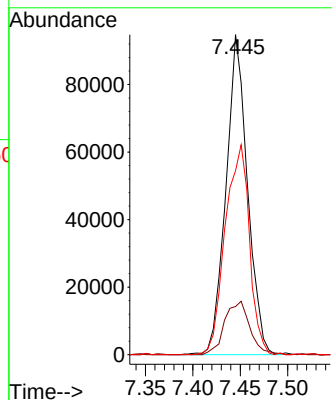
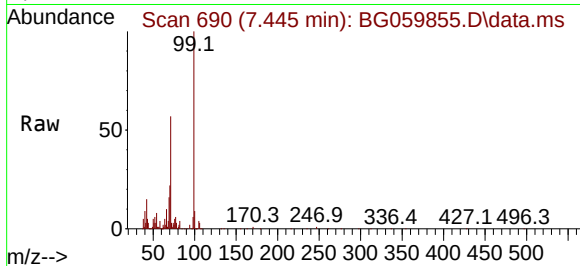
#7
Phenol-d6
Concen: 86.555 ng
RT: 7.445 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 149768
Ion Ratio Lower Upper
99 100
42 15.1 14.3 21.5
71 57.5 59.3 88.9

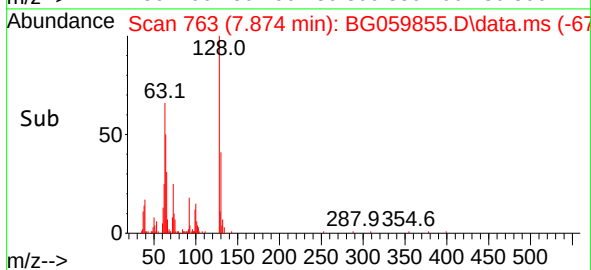
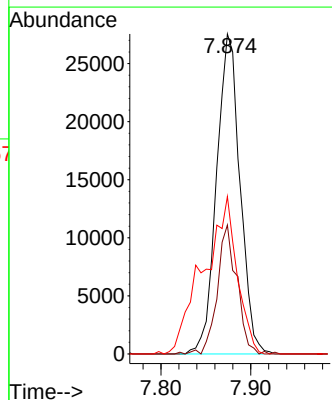
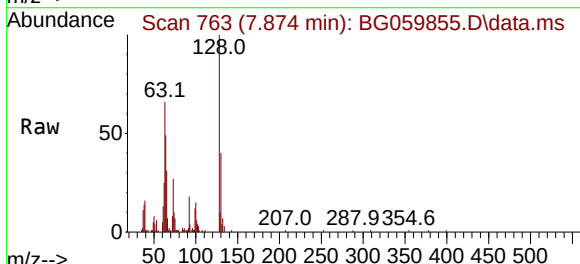
Manual Integrations
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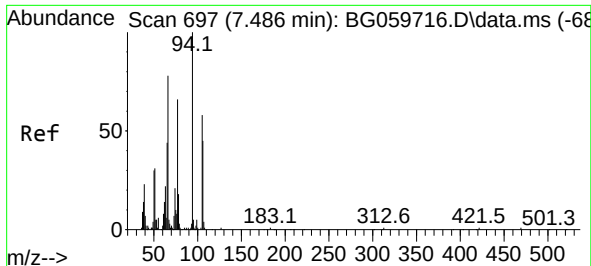
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#8
2-Chlorophenol
Concen: 39.380 ng
RT: 7.874 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:128 Resp: 49884
Ion Ratio Lower Upper
128 100
130 40.3 13.1 53.1
64 49.2 27.0 67.0





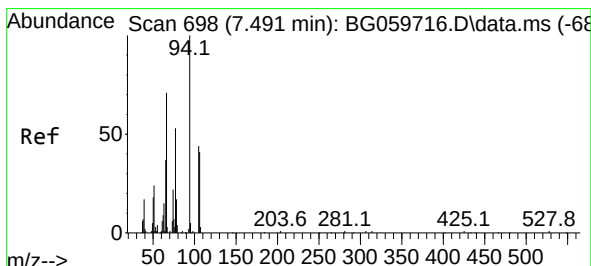
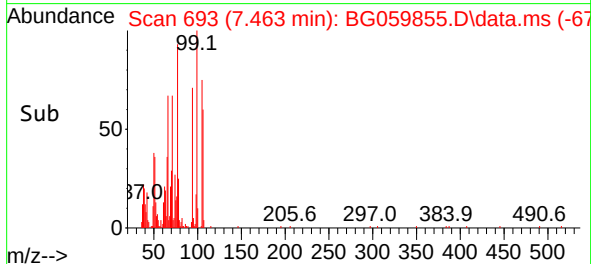
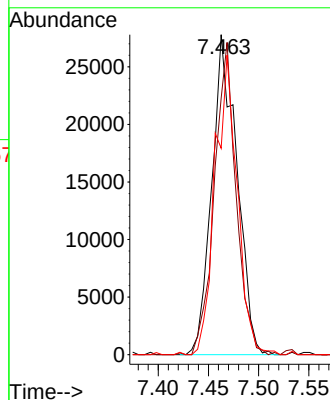
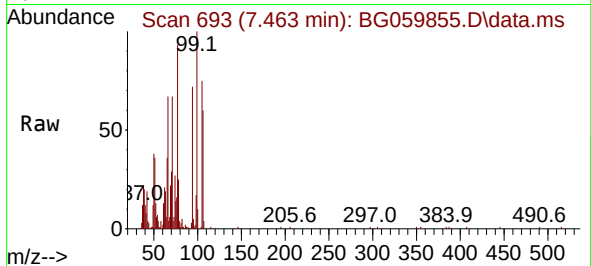
#9
Benzaldehyde
Concen: 41.314 ng
RT: 7.463 min Scan# 697
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 4832
Ion Ratio Lower Upper
77 100
105 80.1 68.0 108.0
106 64.5 48.1 88.1

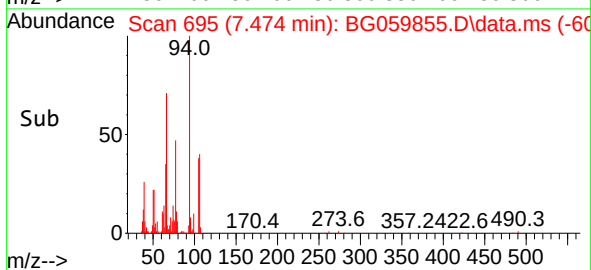
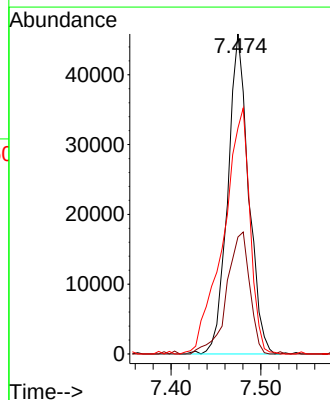
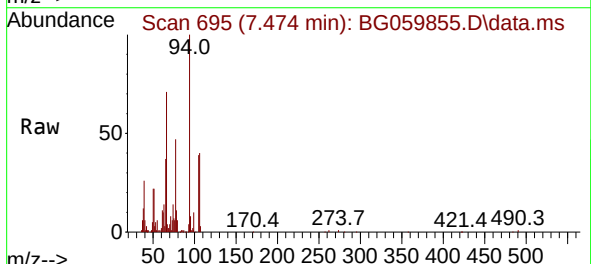
Manual Integrations
APPROVED

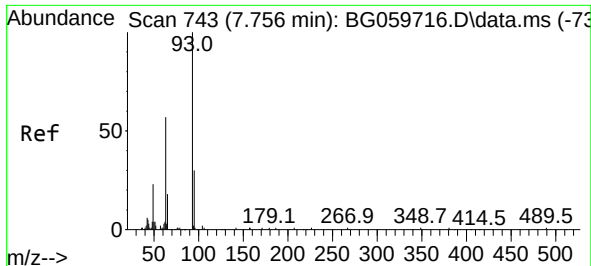
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 41.413 ng
RT: 7.474 min Scan# 695
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion: 94 Resp: 73853
Ion Ratio Lower Upper
94 100
65 36.6 18.1 58.1
66 70.6 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 37.648 ng
RT: 7.739 min Scan# 743
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

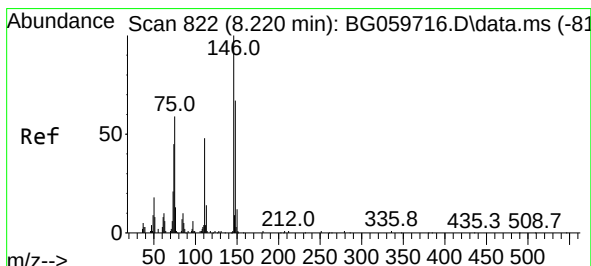
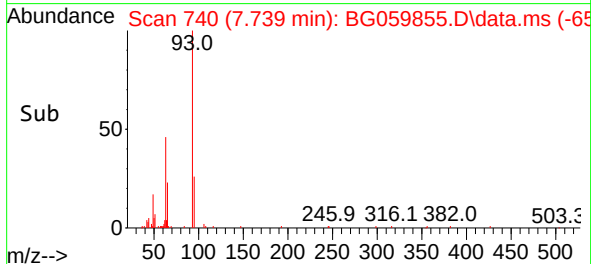
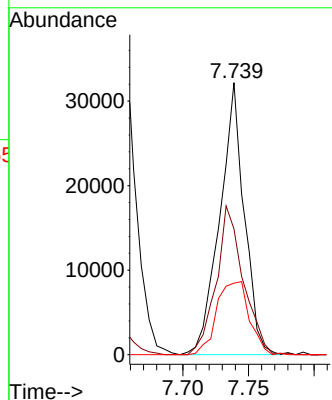
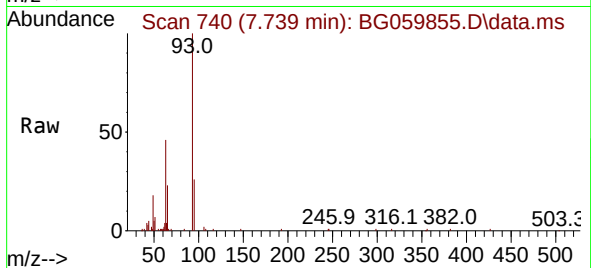
SSTDCCC040

Tgt Ion: 93 Resp: 4179
Ion Ratio Lower Upper
93 100
63 46.2 37.2 77.2
95 26.3 10.2 50.2

Manual Integrations

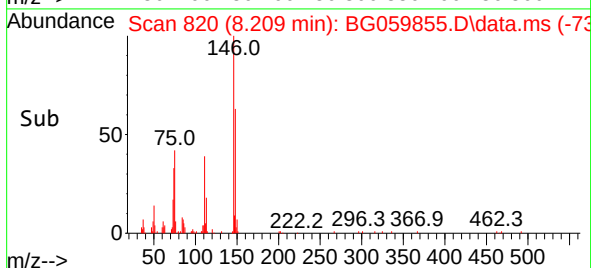
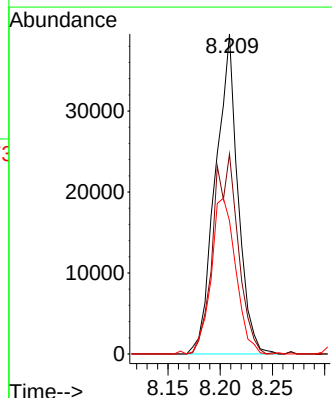
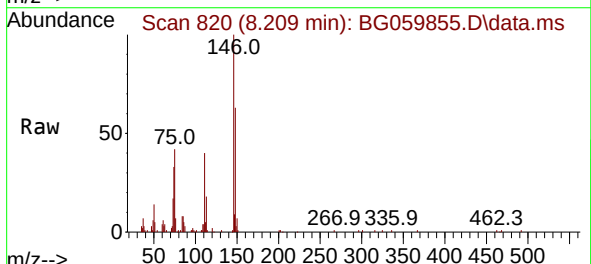
APPROVED

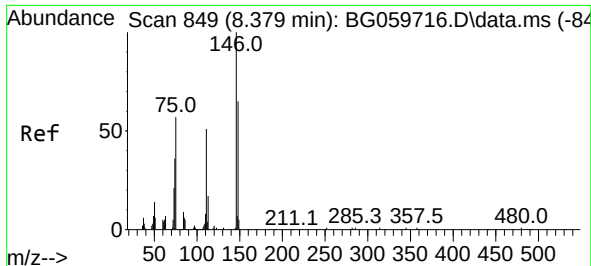
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#12
1,3-Dichlorobenzene
Concen: 41.955 ng m
RT: 8.209 min Scan# 820
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:146 Resp: 59032
Ion Ratio Lower Upper
146 100
148 62.5 53.9 80.9
75 41.6 47.5 71.3#





#13
1,4-Dichlorobenzene
Concen: 43.514 ng
RT: 8.362 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

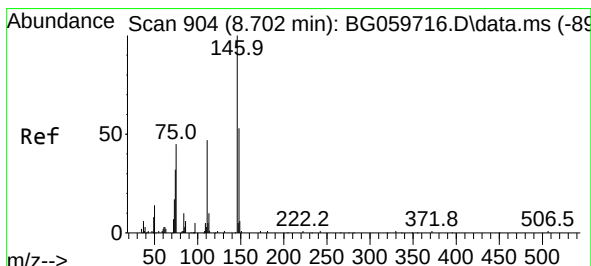
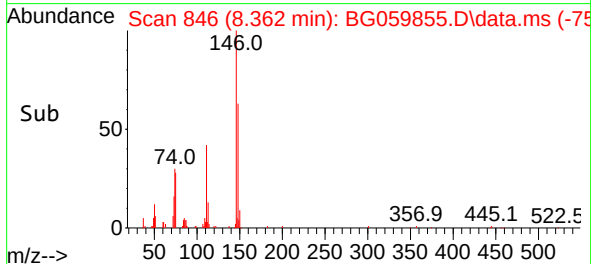
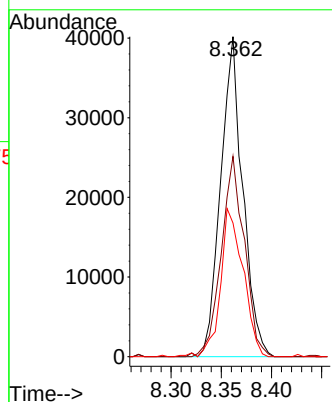
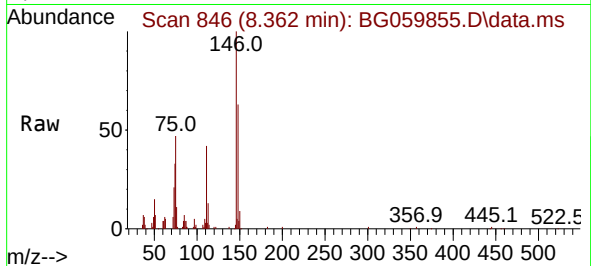
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 6148
Ion Ratio Lower Upper
146 100
148 62.6 52.3 78.5
111 41.8 41.2 61.8

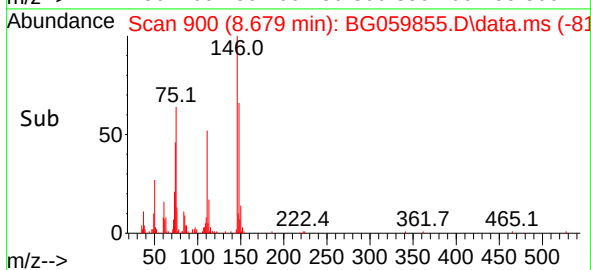
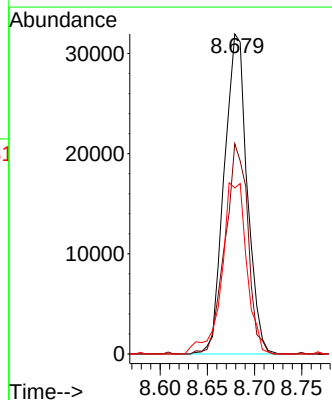
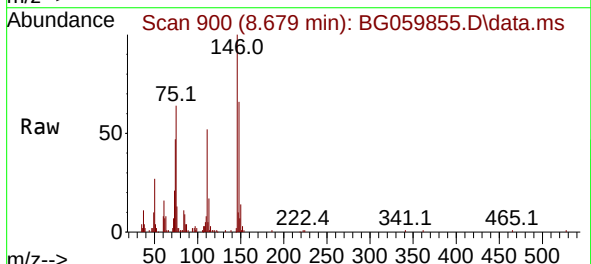
Manual Integrations
APPROVED

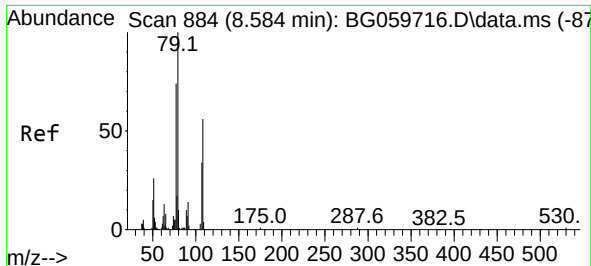
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#14
1,2-Dichlorobenzene
Concen: 38.465 ng m
RT: 8.679 min Scan# 900
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:146 Resp: 53997
Ion Ratio Lower Upper
146 100
148 65.7 43.1 64.7#
111 51.9 38.3 57.5





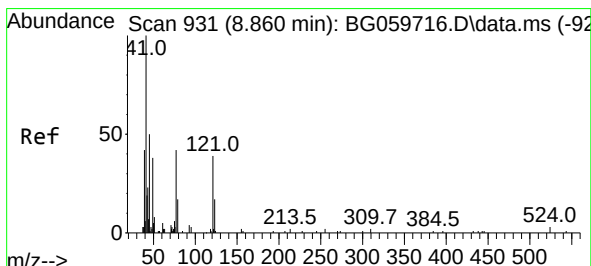
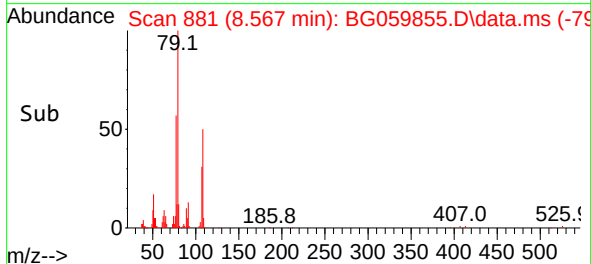
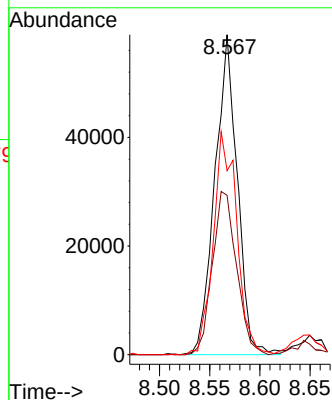
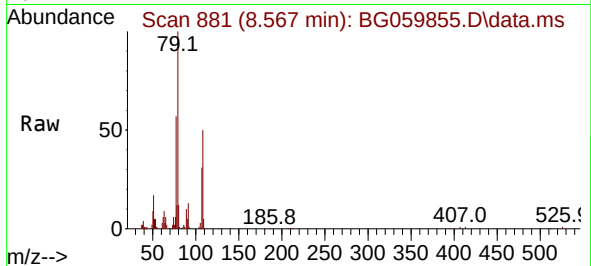
#15
Benzyl Alcohol
Concen: 46.493 ng
RT: 8.567 min Scan# 881
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 91739
Ion Ratio Lower Upper
79 100
108 49.8 45.4 68.2
77 57.5 59.4 89.2

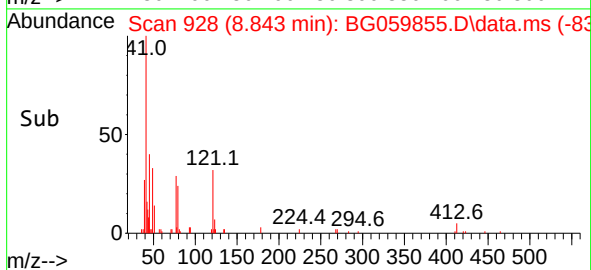
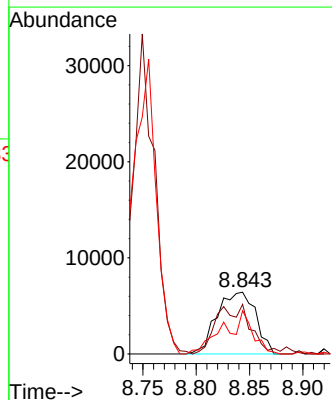
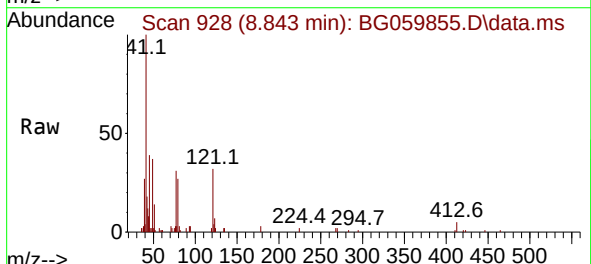
Manual Integrations
APPROVED

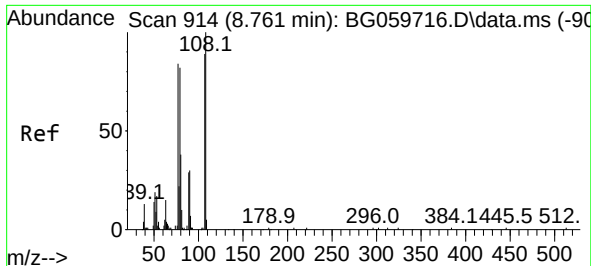
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.866 ng
RT: 8.843 min Scan# 928
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion: 45 Resp: 16283
Ion Ratio Lower Upper
45 100
77 80.5 63.6 103.6
79 69.8 19.6 59.6





#17
2-Methylphenol
Concen: 49.008 ng
RT: 8.749 min Scan# 914
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

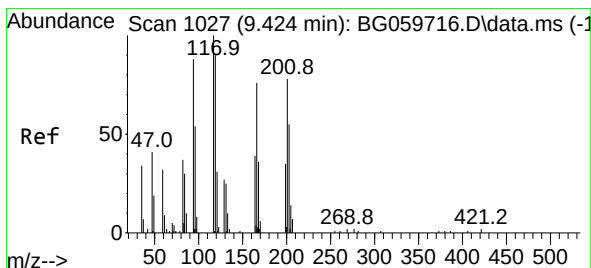
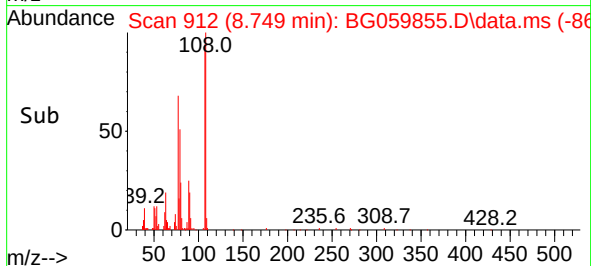
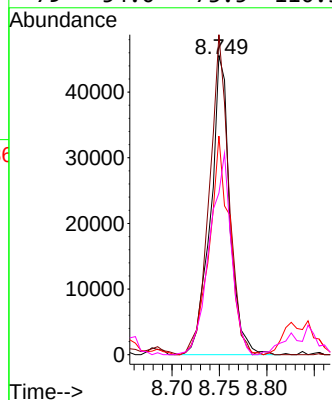
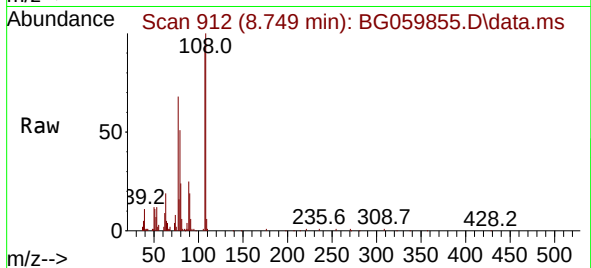
SSTDCCC040

Tgt Ion:107 Resp: 64374
Ion Ratio Lower Upper
107 100
108 106.9 90.0 135.0
77 73.0 76.5 114.7
79 54.0 73.5 110.3#

Manual Integrations

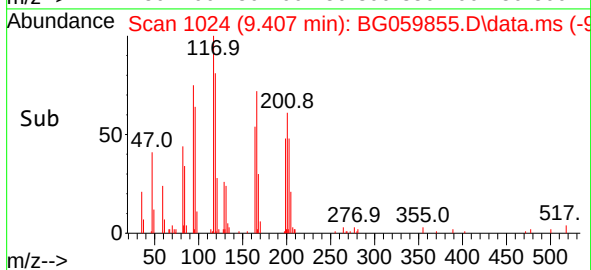
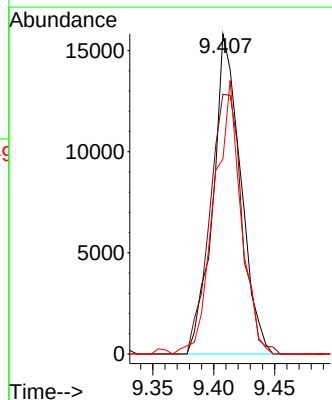
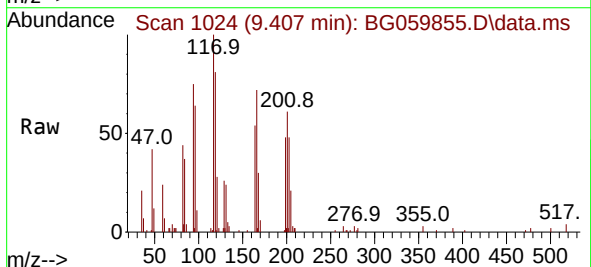
APPROVED

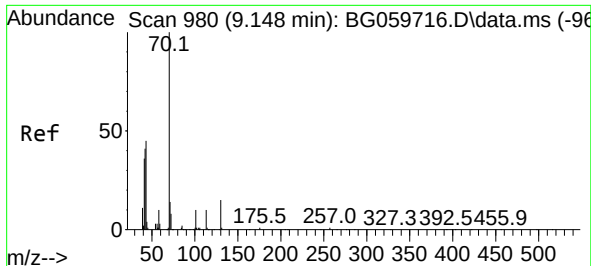
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 41.608 ng
RT: 9.407 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:117 Resp: 24953
Ion Ratio Lower Upper
117 100
119 81.1 71.8 107.8
201 60.9 62.2 93.4#





#19

n-Nitroso-di-n-propylamine

Concen: 42.889 ng

RT: 9.131 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

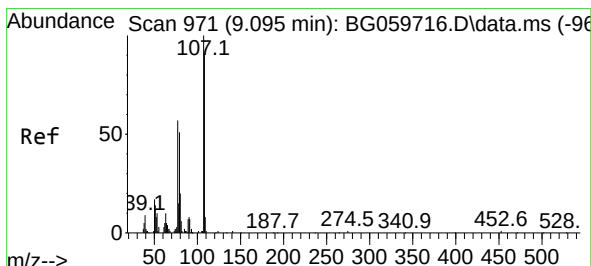
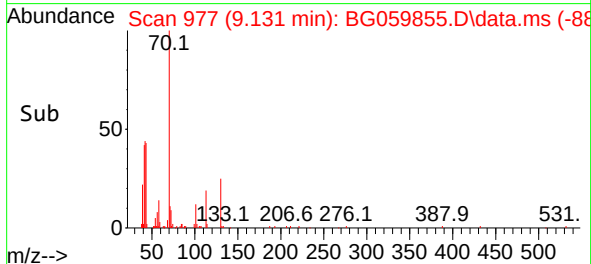
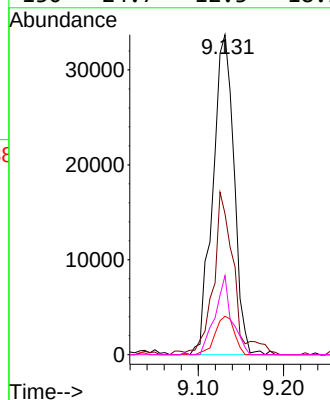
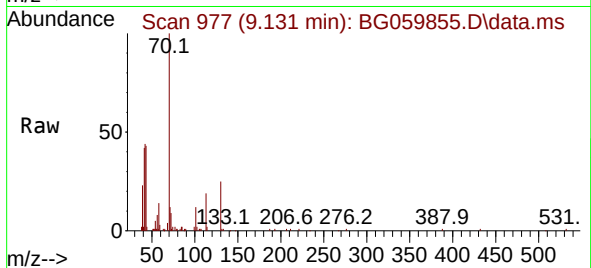
Tgt Ion:	70	Resp:	5844
Ion Ratio	Lower	Upper	
70	100		
42	44.1	32.8	49.2
101	12.0	7.7	11.5
130	24.7	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#20

3+4-Methylphenols

Concen: 45.873 ng

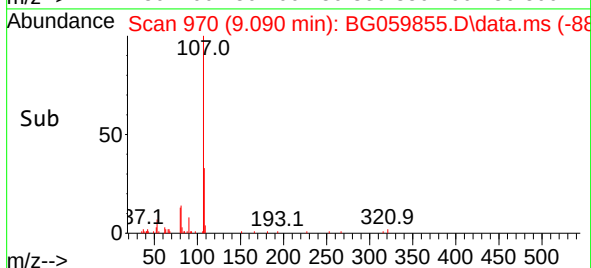
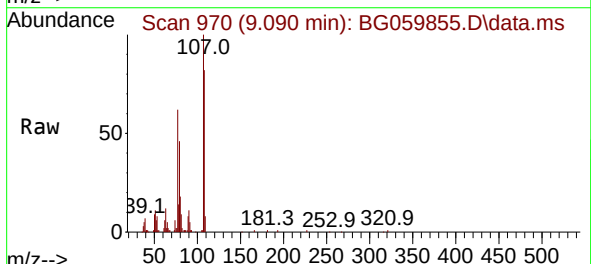
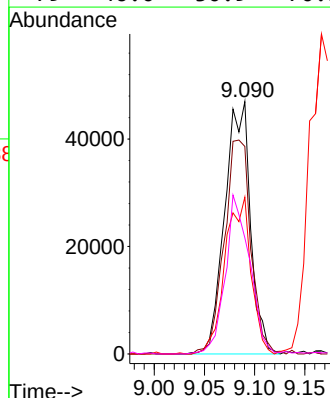
RT: 9.090 min Scan# 970

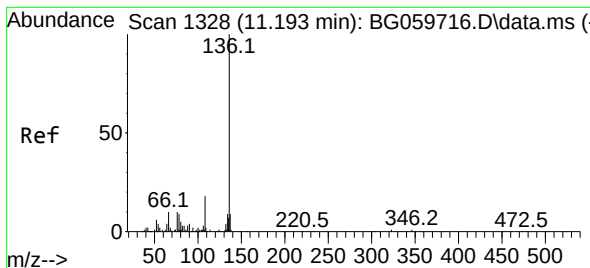
Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Tgt Ion:	107	Resp:	83650
Ion Ratio	Lower	Upper	
107	100		
108	82.3	71.1	111.1
77	62.2	37.5	77.5
79	46.0	30.9	70.9





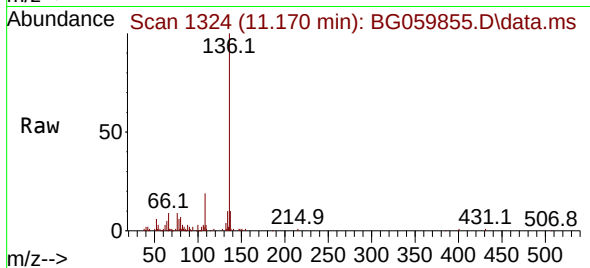
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.170 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNL_G

ClientSampleId :

SSTDCCC040

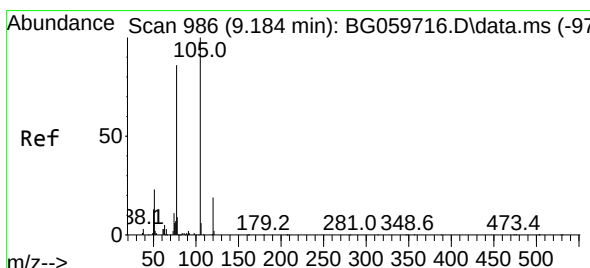
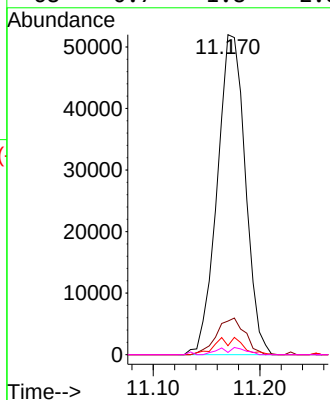
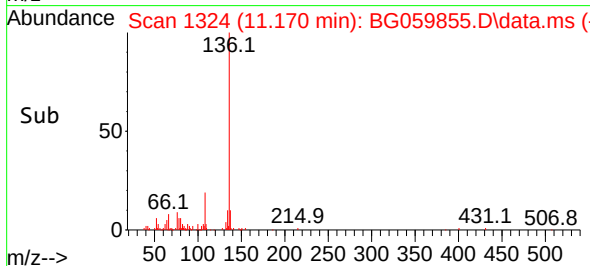


Tgt Ion:136 Resp: 9504
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.0
54 2.8 3.1 4.7
68 0.7 1.8 2.8#

Manual Integrations

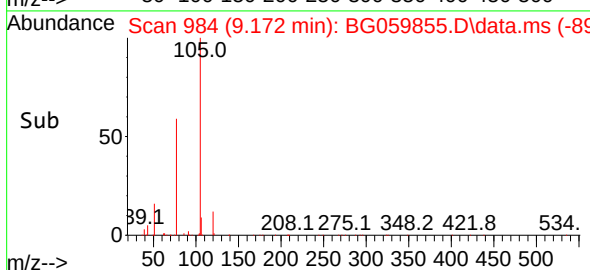
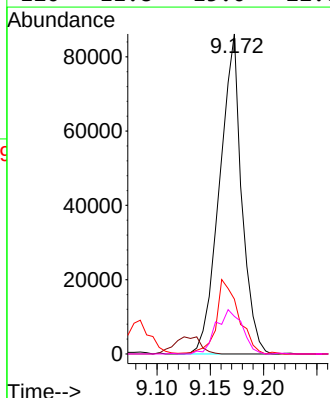
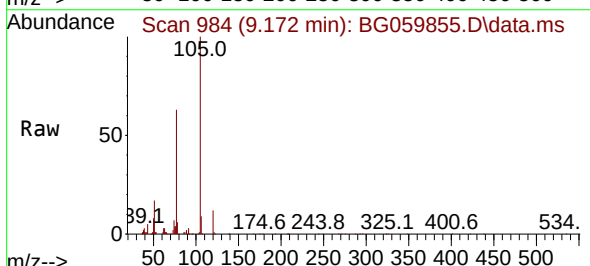
APPROVED

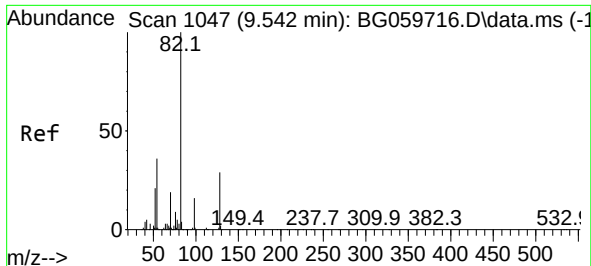
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 46.207 ng
RT: 9.172 min Scan# 984
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:105 Resp: 124338
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 17.1 18.4 27.6#
120 11.8 15.0 22.6#





#23

Nitrobenzene-d5

Concen: 83.970 ng

RT: 9.525 min Scan# 1044

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

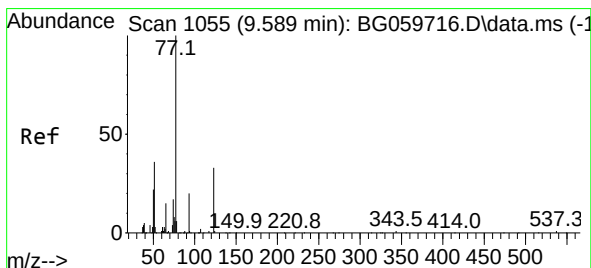
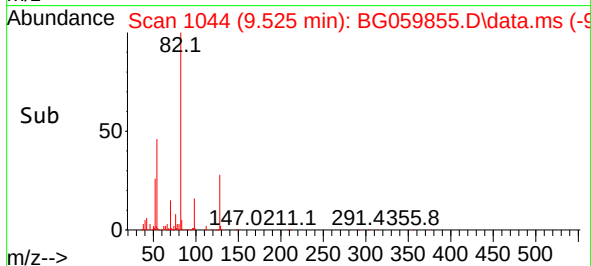
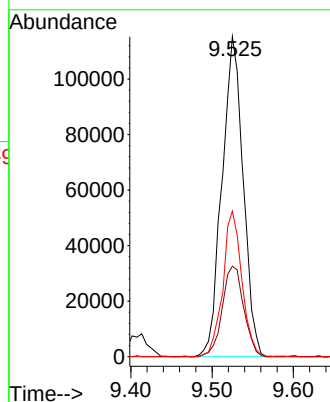
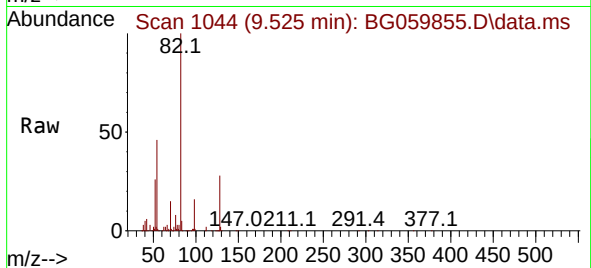
Tgt Ion: 82	Resp: 208974
Ion Ratio	Lower Upper
82 100	
128 28.3	23.0 34.6
54 45.5	28.7 43.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#24

Nitrobenzene

Concen: 43.405 ng

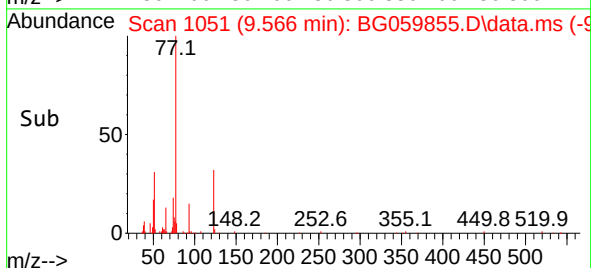
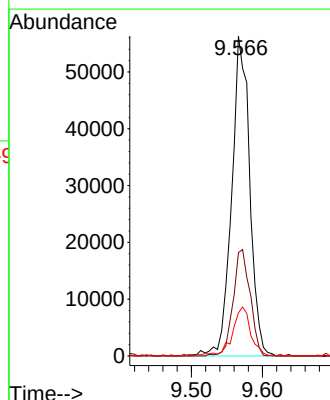
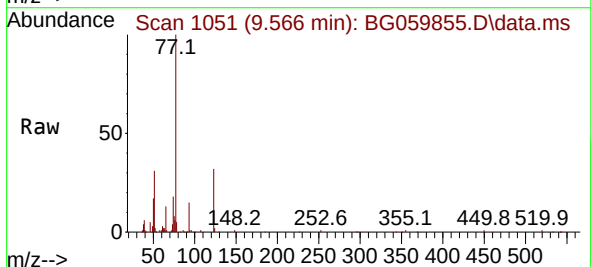
RT: 9.566 min Scan# 1051

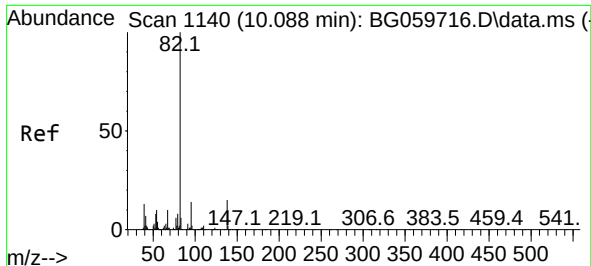
Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

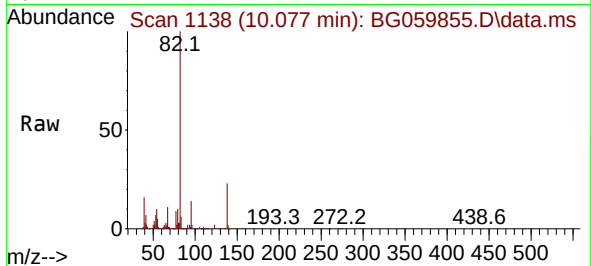
Tgt Ion: 77	Resp: 99486
Ion Ratio	Lower Upper
77 100	
123 32.3	26.1 39.1
65 13.5	12.1 18.1





#25
Isophorone
Concen: 41.735 ng
RT: 10.077 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

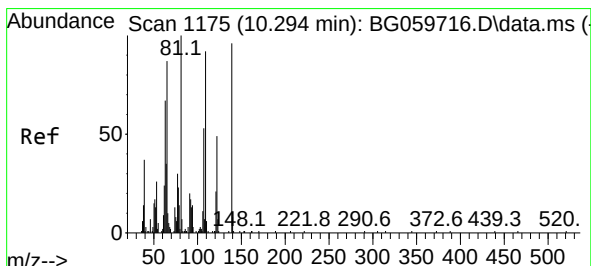
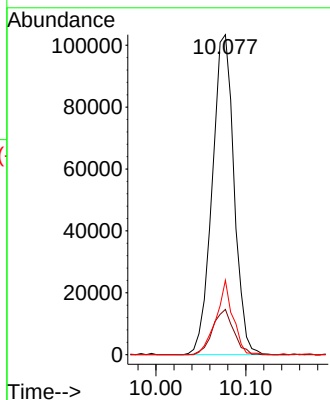
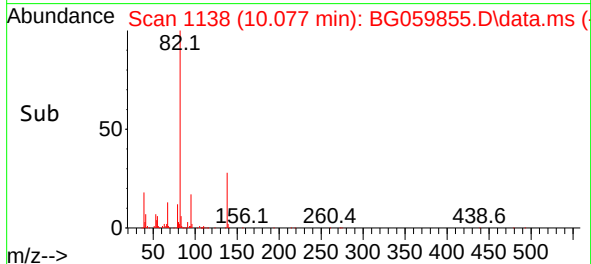
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 174370
Ion Ratio Lower Upper
82 100
95 14.2 11.4 17.0
138 23.2 12.1 18.1

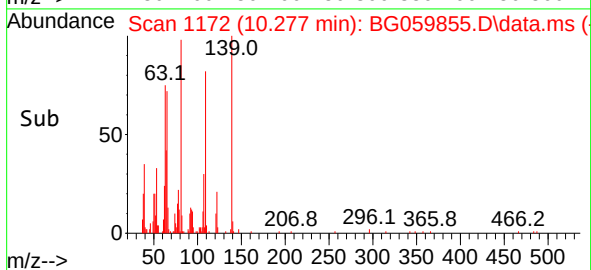
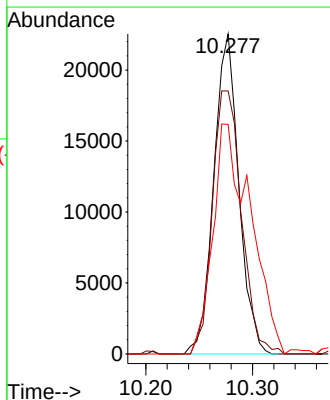
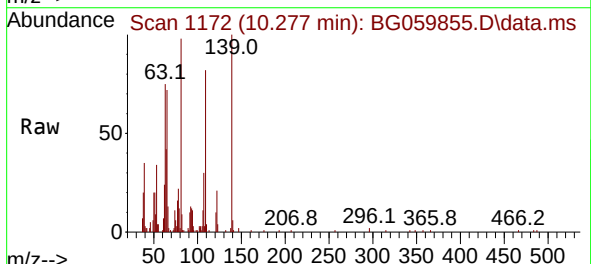
Manual Integrations
APPROVED

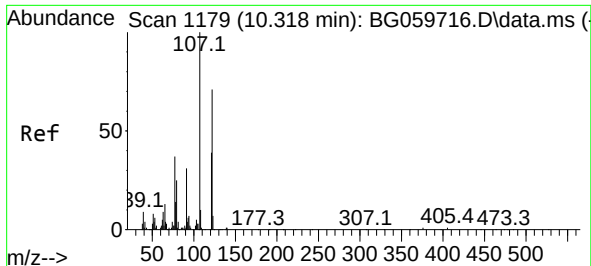
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 43.754 ng
RT: 10.277 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:139 Resp: 36767
Ion Ratio Lower Upper
139 100
109 82.2 76.7 115.1
65 71.8 72.1 108.1





#27

2,4-Dimethylphenol

Concen: 40.422 ng

RT: 10.301 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

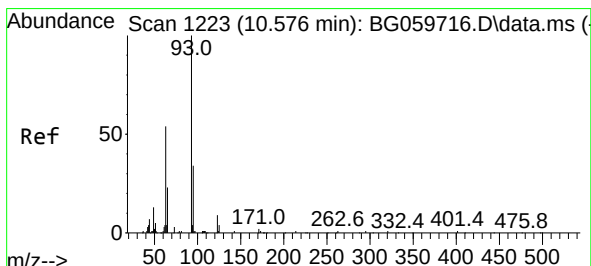
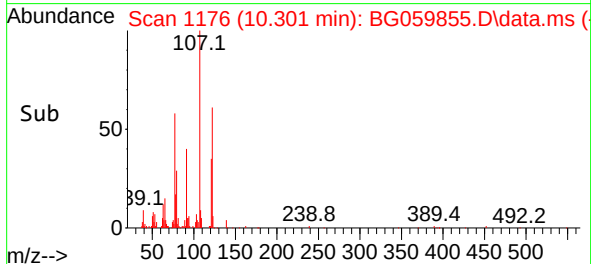
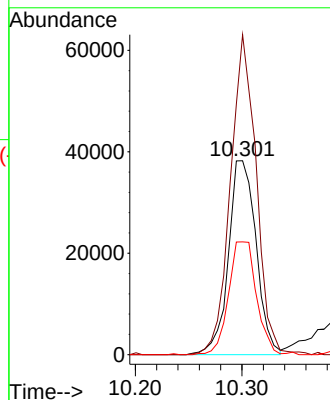
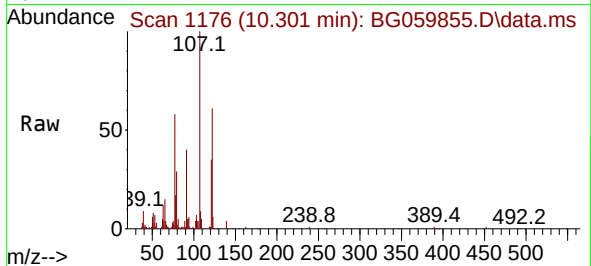
Tgt Ion:122 Resp: 69062
 Ion Ratio Lower Upper
 122 100
 107 165.0 112.1 168.1
 121 58.2 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.969 ng

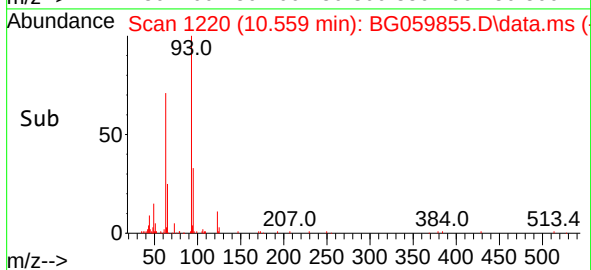
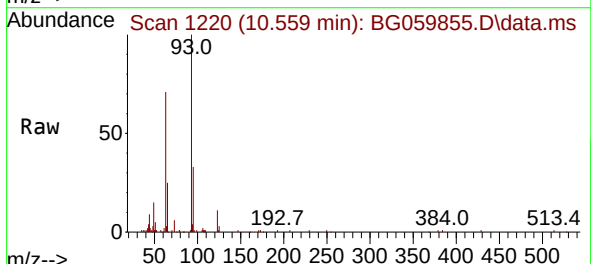
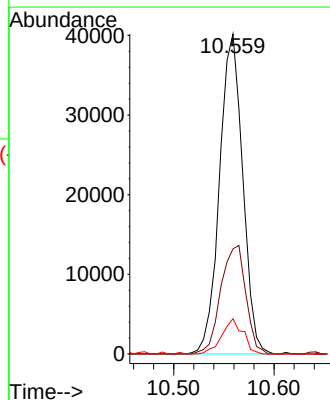
RT: 10.559 min Scan# 1220

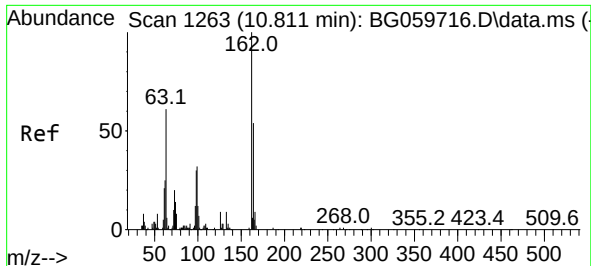
Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Tgt Ion: 93 Resp: 64323
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.0 40.6
 123 11.0 7.6 11.4





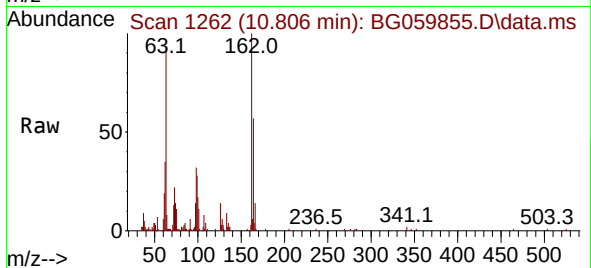
#29
2,4-Dichlorophenol
Concen: 45.643 ng
RT: 10.806 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



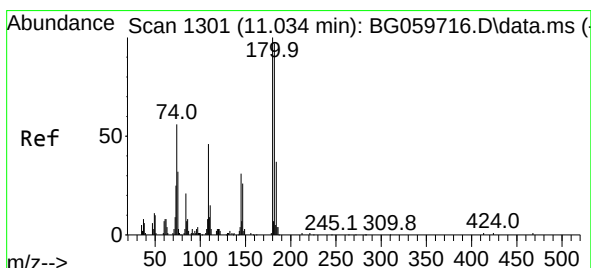
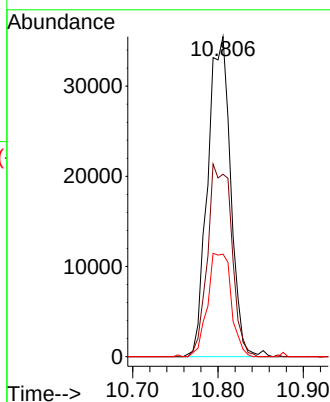
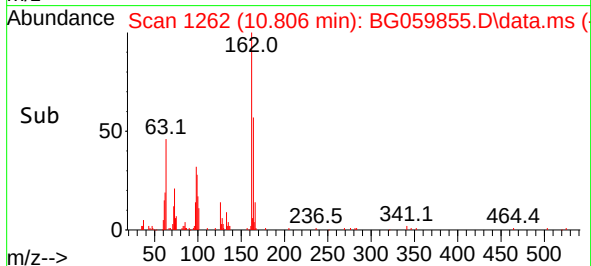
Tgt Ion:162 Resp: 66579
Ion Ratio Lower Upper
162 100
164 57.0 33.6 73.6
98 32.0 10.7 50.7

Manual Integrations

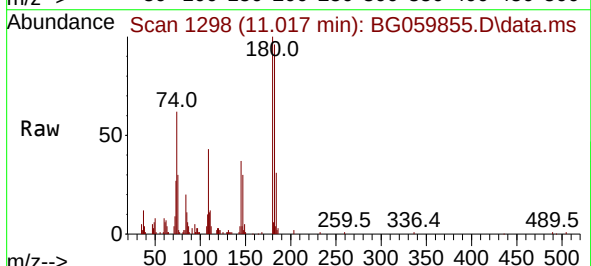
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

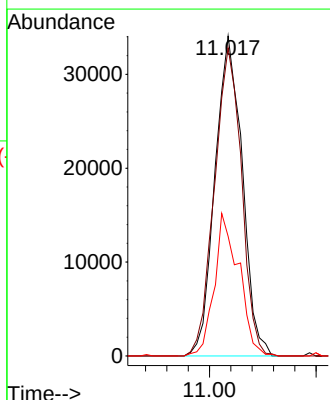
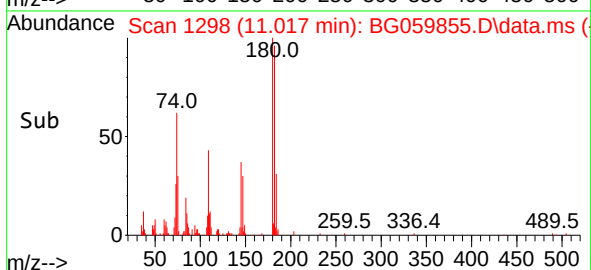
Supervised By :mohammad ahmed 11/28/2023

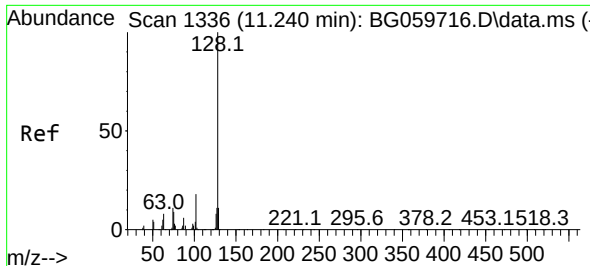


#30
1,2,4-Trichlorobenzene
Concen: 40.958 ng
RT: 11.017 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



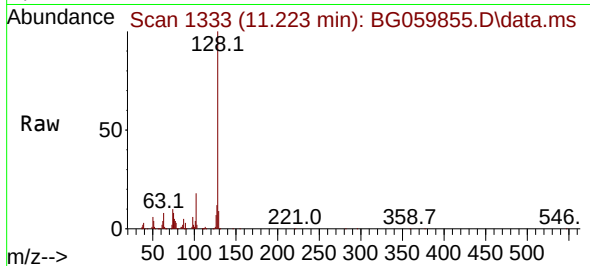
Tgt Ion:180 Resp: 60382
Ion Ratio Lower Upper
180 100
182 96.3 77.4 116.2
145 37.4 24.4 36.6#





#31
Naphthalene
Concen: 45.001 ng
RT: 11.223 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

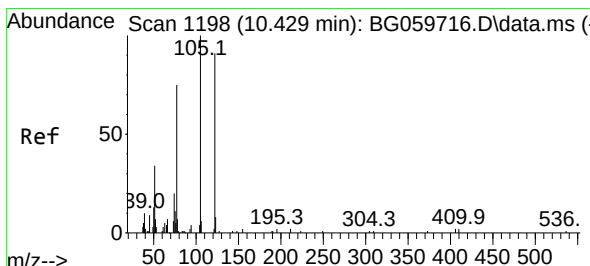
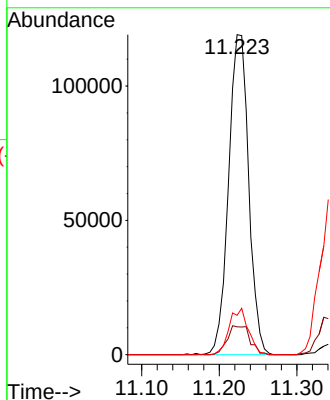
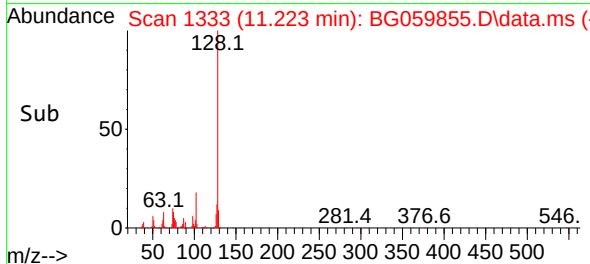
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 215074
Ion Ratio Lower Upper
128 100
129 8.7 8.7 13.1
127 12.3 9.2 13.8

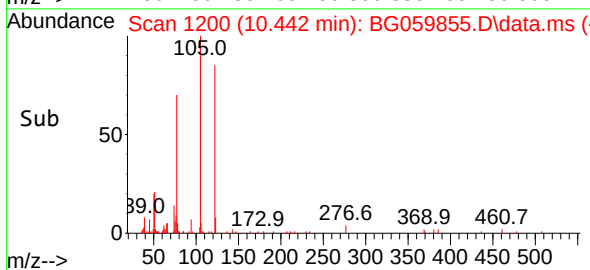
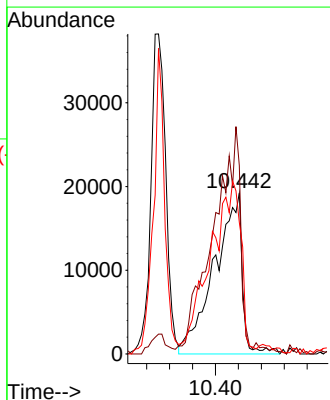
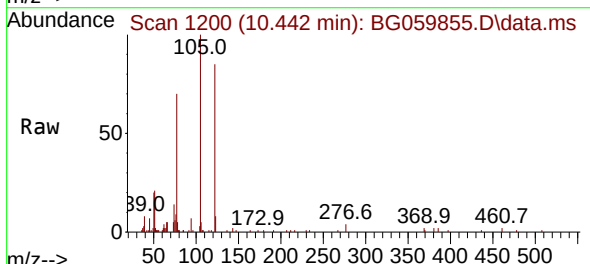
Manual Integrations
APPROVED

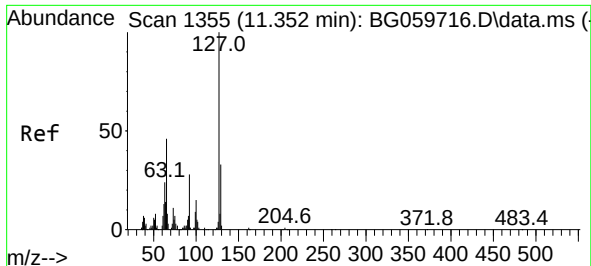
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#32
Benzoic acid
Concen: 55.359 ng m
RT: 10.442 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:122 Resp: 64368
Ion Ratio Lower Upper
122 100
105 117.2 103.7 143.7
77 81.8 82.3 122.3#





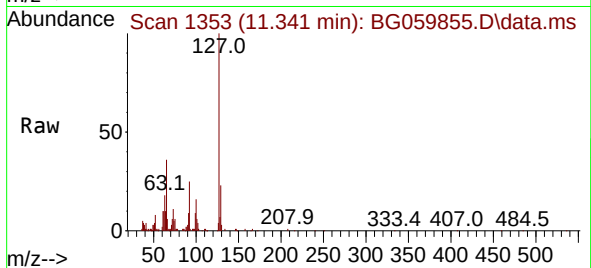
#33
4-Chloroaniline
Concen: 46.286 ng
RT: 11.341 min Scan# 11355
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNL_G

ClientSampleId :

SSTDCCC040



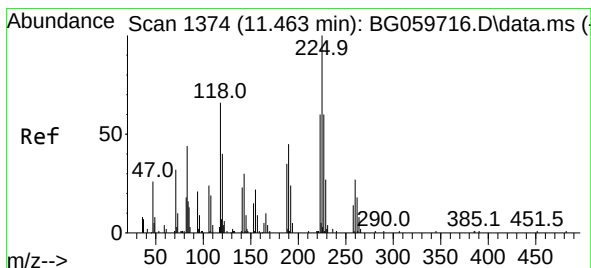
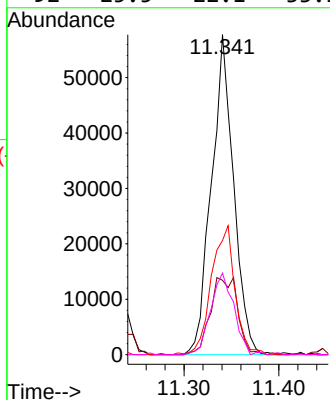
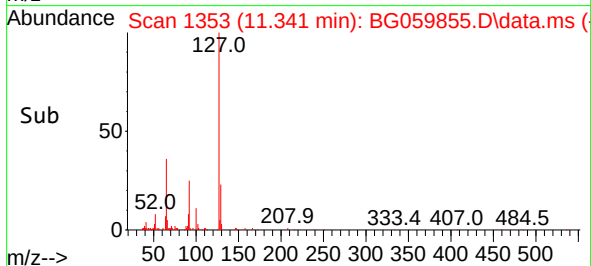
Tgt Ion:127 Resp: 9409
Ion Ratio Lower Upper
127 100
129 23.2 26.8 40.2
65 35.7 36.5 54.7
92 25.5 22.1 33.1

Manual Integrations

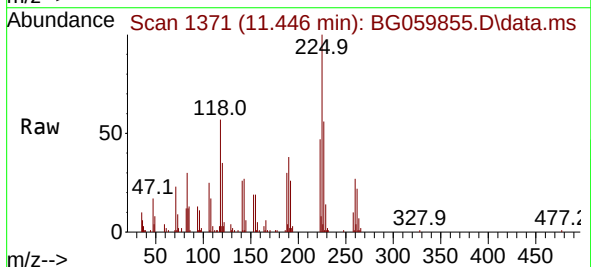
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

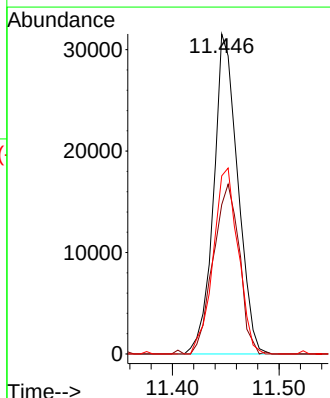
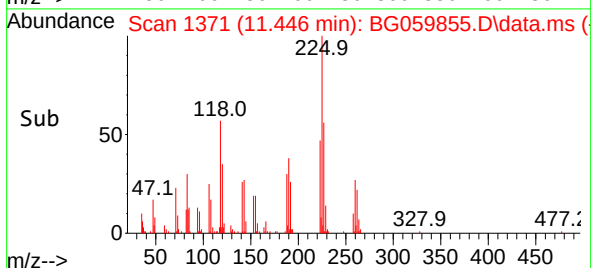
Supervised By :mohammad ahmed 11/28/2023

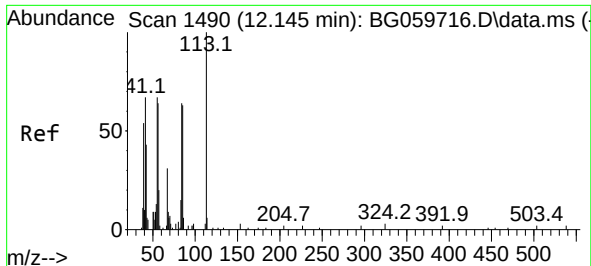


#34
Hexachlorobutadiene
Concen: 49.310 ng
RT: 11.446 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



Tgt Ion:225 Resp: 49474
Ion Ratio Lower Upper
225 100
223 46.7 46.6 69.8
227 56.2 48.2 72.2





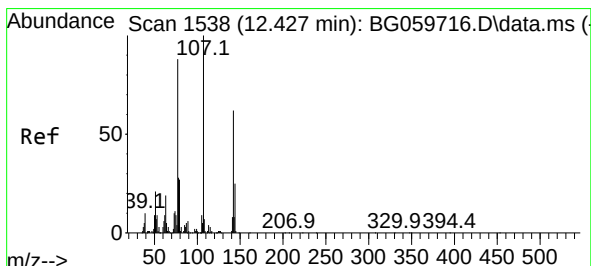
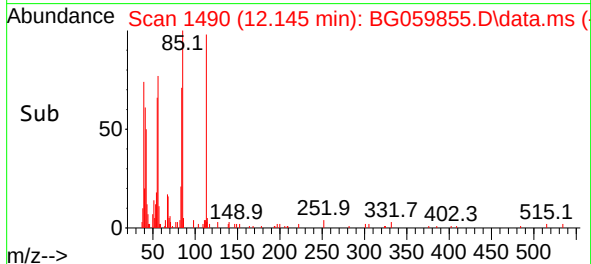
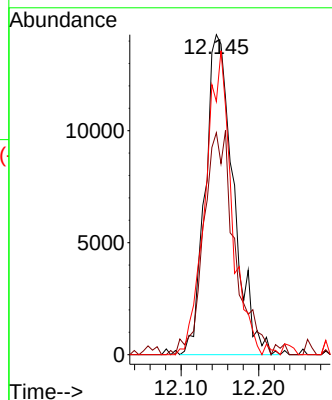
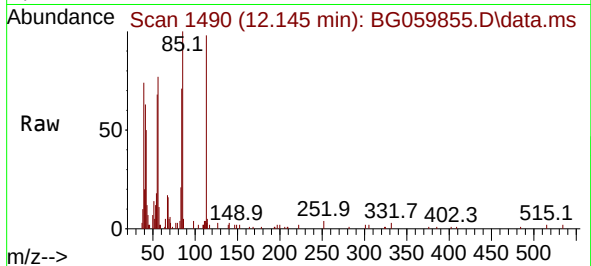
#35
Caprolactam
Concen: 67.723 ng
RT: 12.145 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 36104
Ion Ratio Lower Upper
113 100
55 69.4 47.1 87.1
56 79.1 43.7 83.7

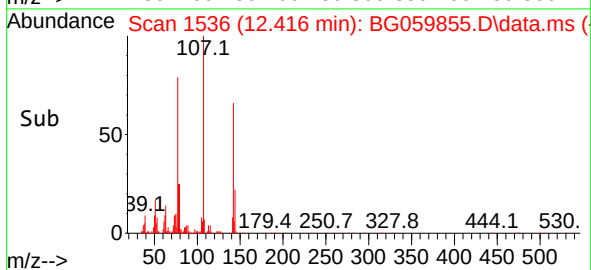
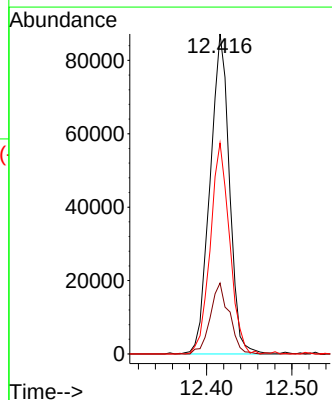
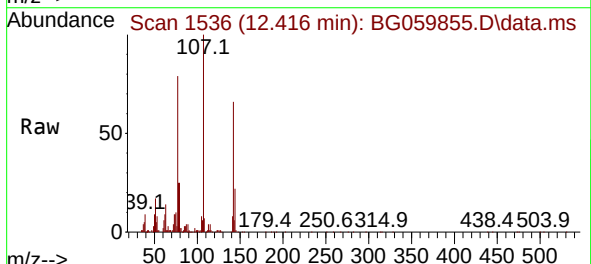
Manual Integrations
APPROVED

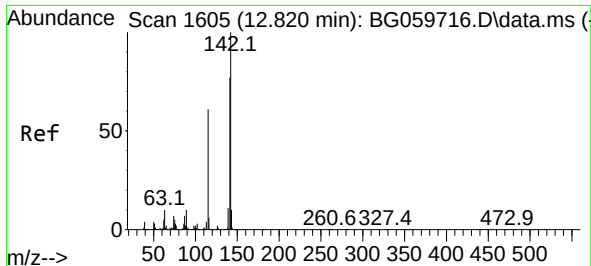
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#36
4-Chloro-3-methylphenol
Concen: 71.113 ng
RT: 12.416 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:107 Resp: 137958
Ion Ratio Lower Upper
107 100
144 22.2 20.2 30.4
142 65.9 49.4 74.0





#37
2-Methylnaphthalene
Concen: 72.672 ng
RT: 12.803 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

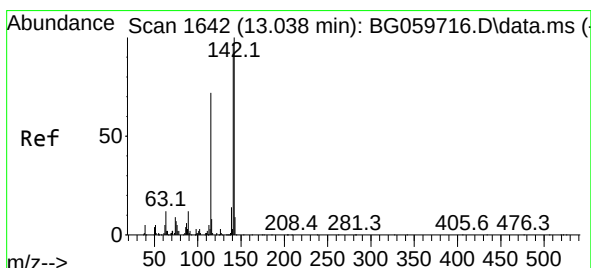
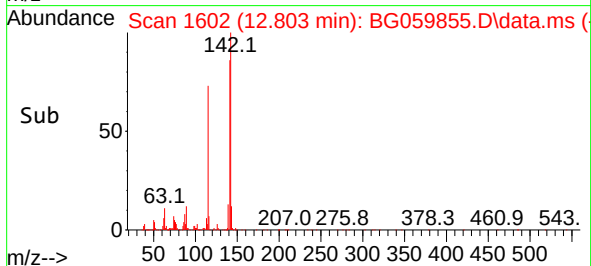
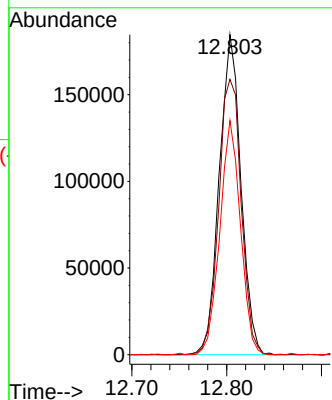
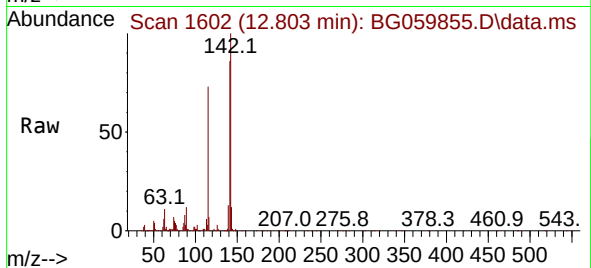
SSTDCCC040

Tgt Ion:142 Resp: 292529
Ion Ratio Lower Upper
142 100
141 86.1 61.9 92.9
115 73.1 49.0 73.4

Manual Integrations

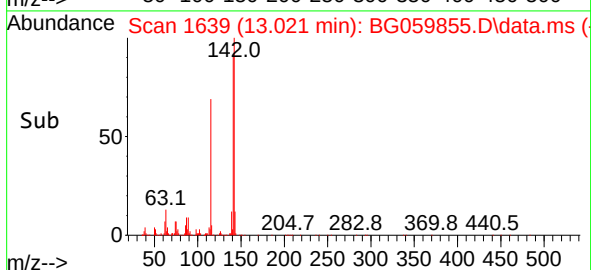
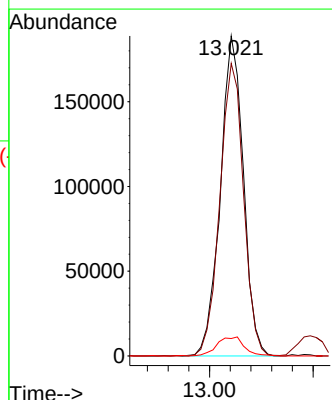
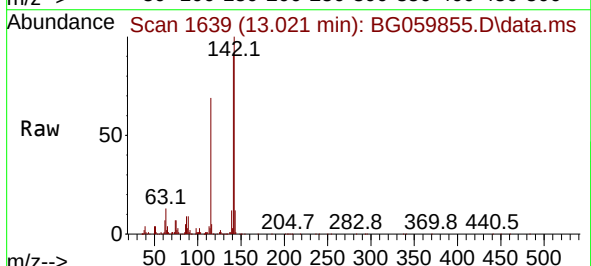
APPROVED

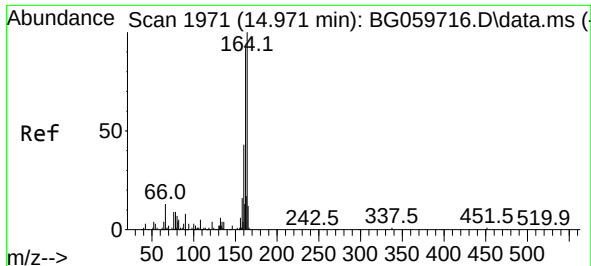
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#38
1-Methylnaphthalene
Concen: 78.706 ng m
RT: 13.021 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

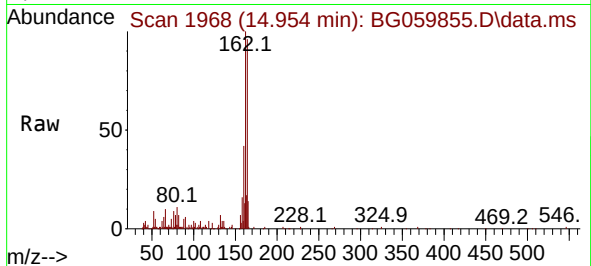
Tgt Ion:142 Resp: 292167
Ion Ratio Lower Upper
142 100
141 91.4 77.8 116.8
116 5.5 6.2 9.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

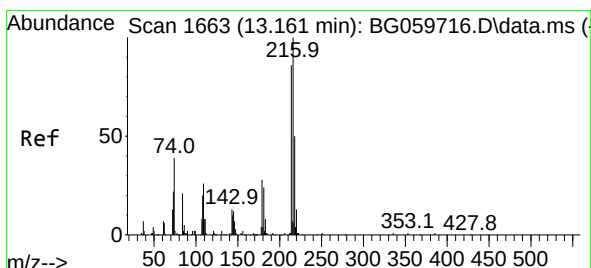
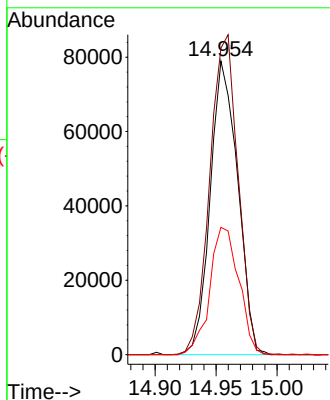
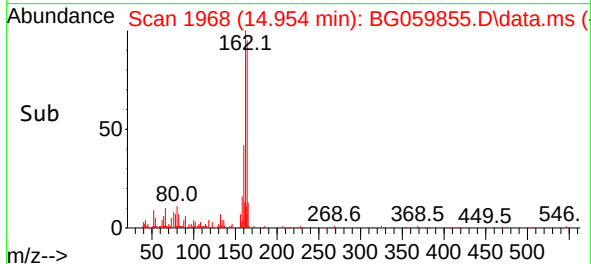
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 12377
Ion Ratio Lower Upper
164 100
162 104.4 73.3 109.9
160 43.4 34.1 51.1

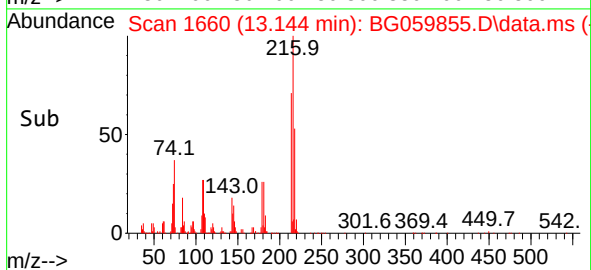
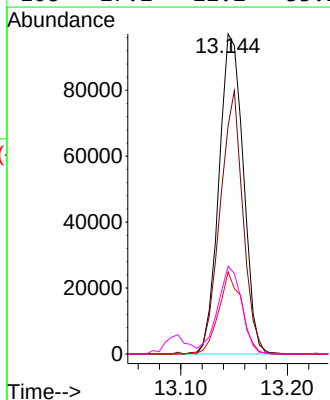
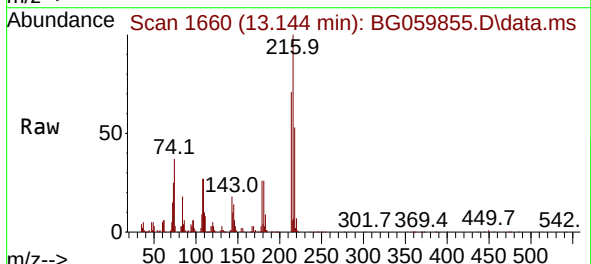
Manual Integrations
APPROVED

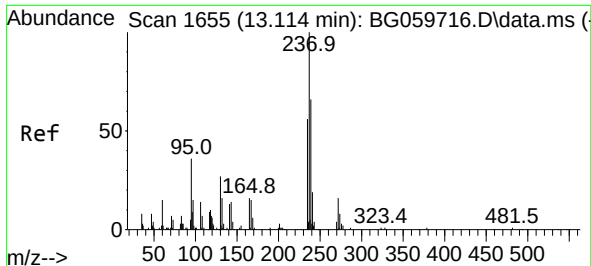
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.956 ng
RT: 13.144 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:216 Resp: 153614
Ion Ratio Lower Upper
216 100
214 77.3 61.0 91.4
179 24.3 20.2 30.2
108 27.2 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 61.199 ng
RT: 13.097 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

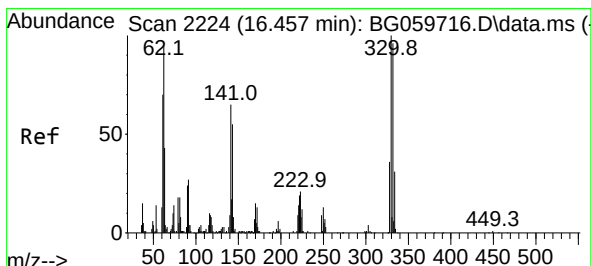
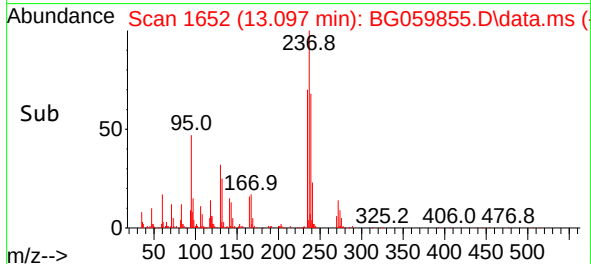
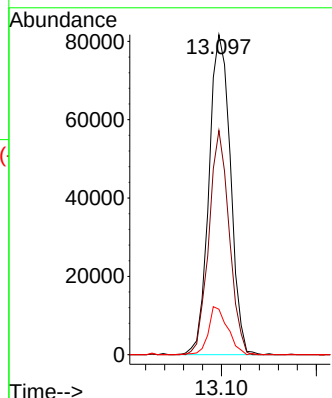
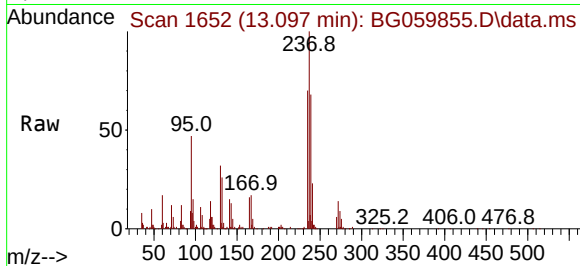
ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 128320
Ion Ratio Lower Upper
237 100
235 70.0 36.0 76.0
272 14.2 0.0 36.5

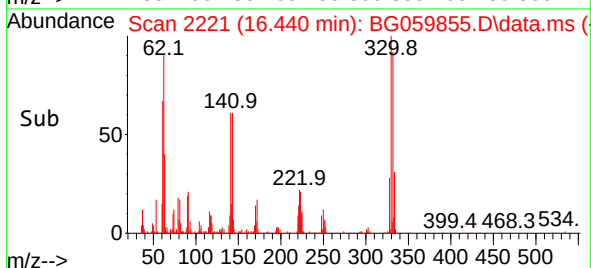
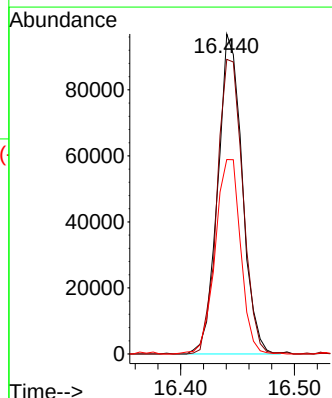
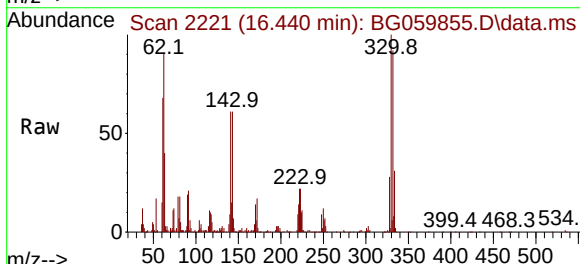
Manual Integrations
APPROVED

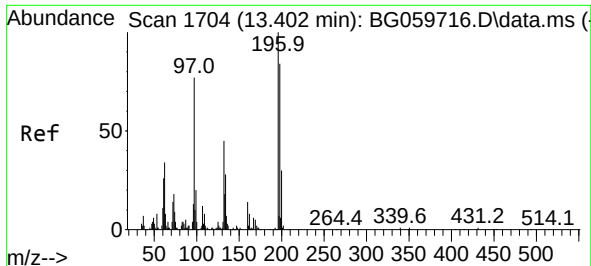
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#42
2,4,6-Tribromophenol
Concen: 102.612 ng
RT: 16.440 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:330 Resp: 144102
Ion Ratio Lower Upper
330 100
332 97.1 73.3 109.9
141 63.4 52.1 78.1





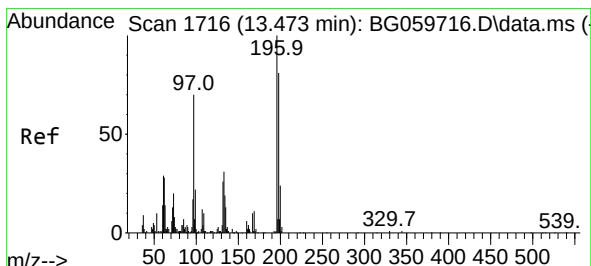
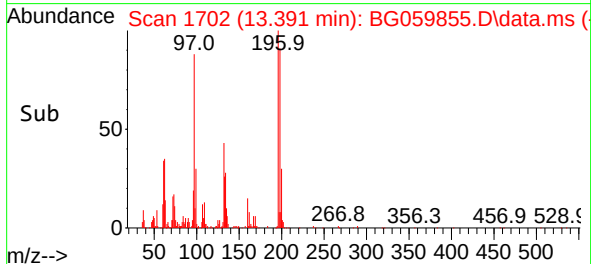
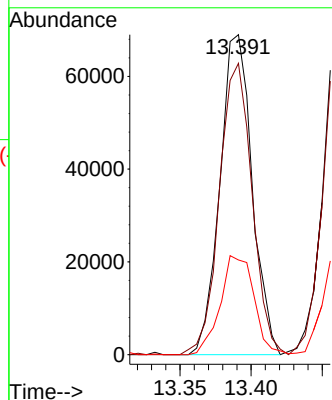
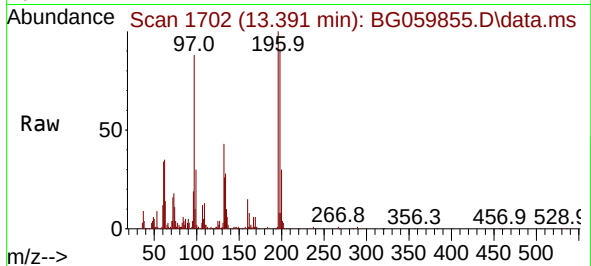
#43
2,4,6-Trichlorophenol
Concen: 46.778 ng
RT: 13.391 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 10873
Ion Ratio Lower Upper
196 100
198 91.1 67.6 101.4
200 29.6 24.4 36.6

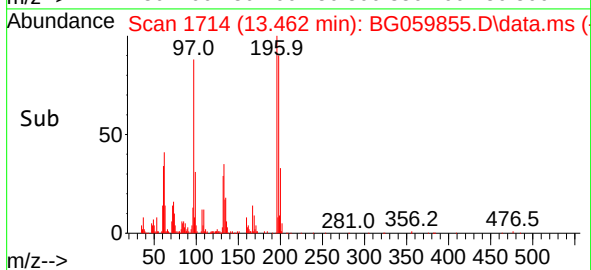
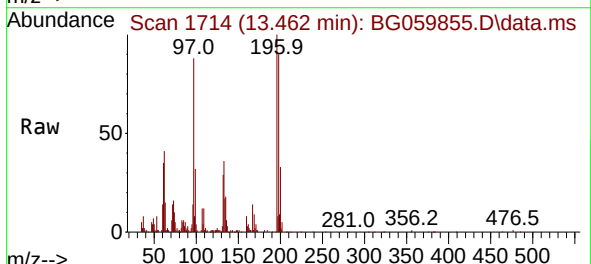
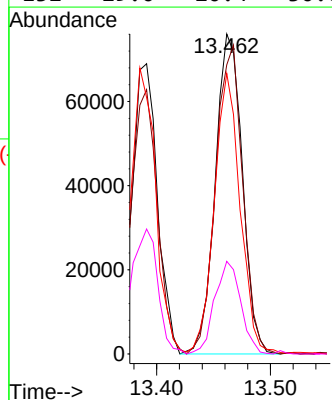
Manual Integrations
APPROVED

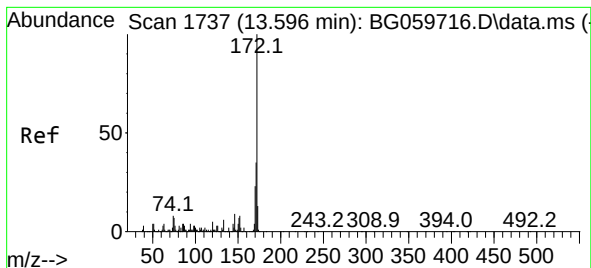
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#44
2,4,5-Trichlorophenol
Concen: 45.967 ng
RT: 13.462 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:196 Resp: 125544
Ion Ratio Lower Upper
196 100
198 90.4 66.7 100.1
97 87.6 55.9 83.9#
132 29.0 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 93.876 ng
RT: 13.579 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

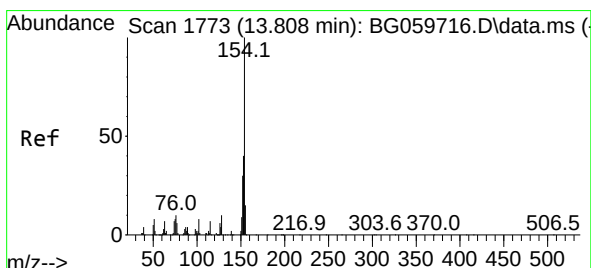
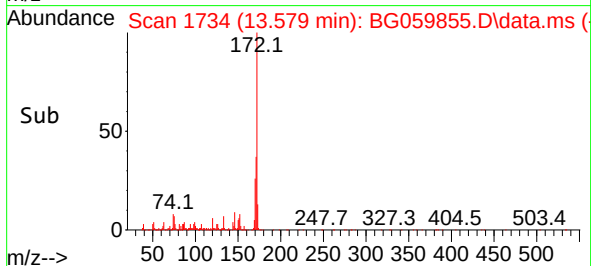
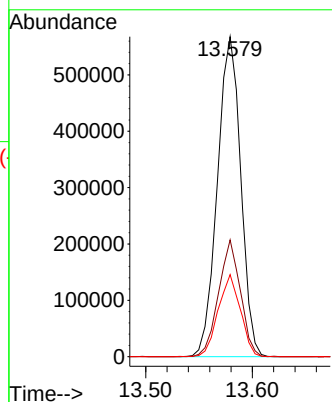
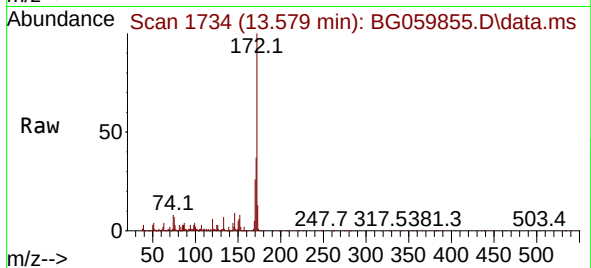
SSTDCCC040

Tgt Ion:172 Resp: 863200
Ion Ratio Lower Upper
172 100
171 36.5 27.7 41.5
170 25.7 18.4 27.6

Manual Integrations

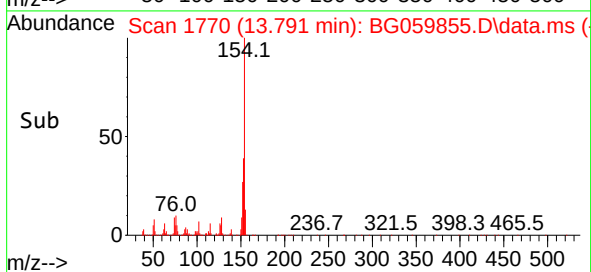
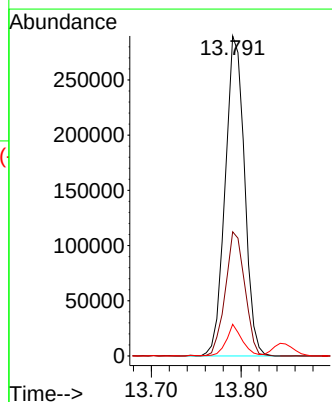
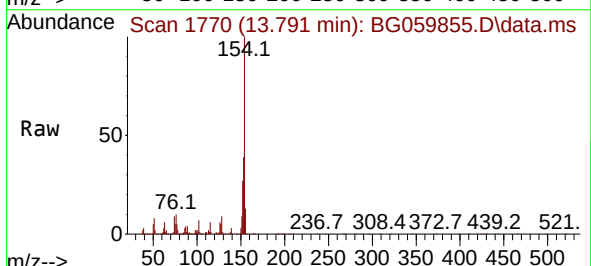
APPROVED

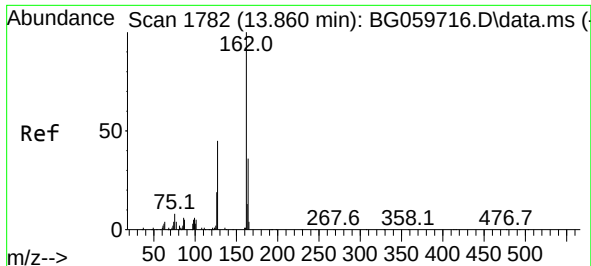
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 44.530 ng
RT: 13.791 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:154 Resp: 432608
Ion Ratio Lower Upper
154 100
153 38.8 19.7 59.7
76 9.9 0.0 30.4





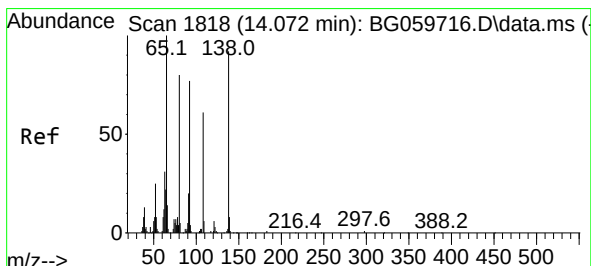
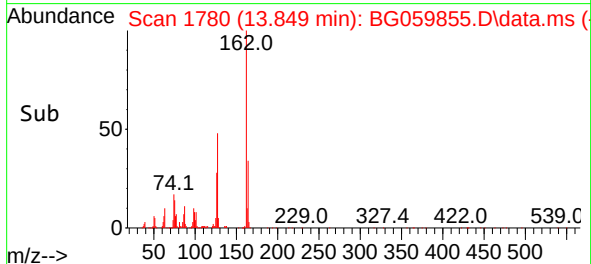
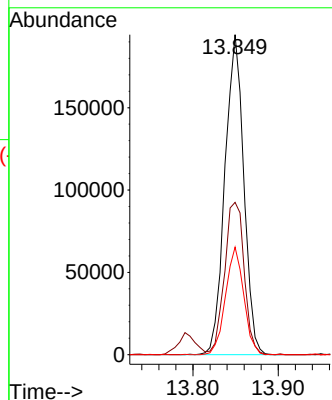
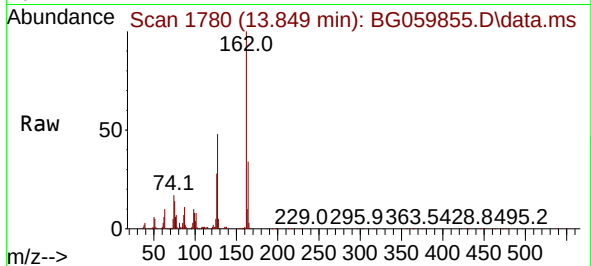
#47
2-Chloronaphthalene
Concen: 44.843 ng
RT: 13.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 299340
Ion Ratio Lower Upper
162 100
127 47.6 41.0 61.6
164 33.6 28.9 43.3

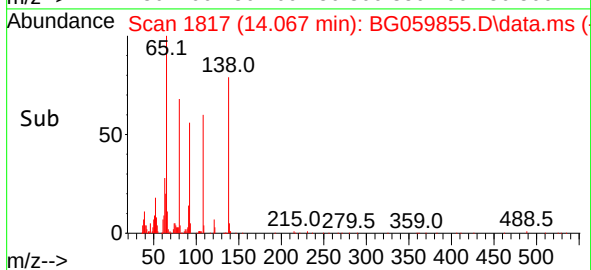
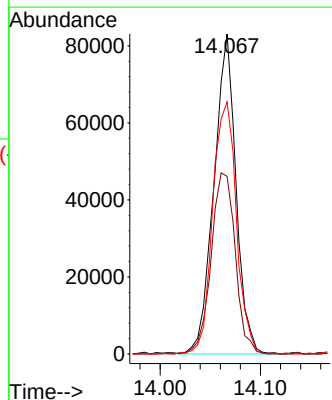
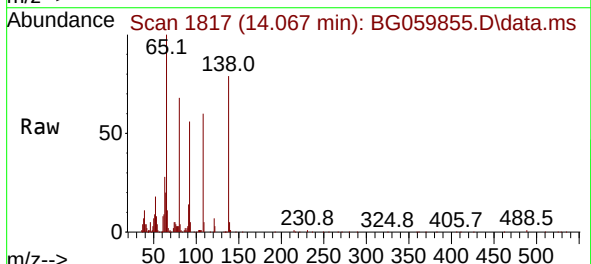
Manual Integrations
APPROVED

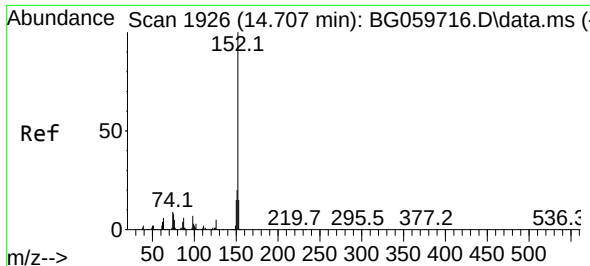
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#48
2-Nitroaniline
Concen: 53.216 ng
RT: 14.067 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion: 65 Resp: 126830
Ion Ratio Lower Upper
65 100
92 55.5 61.2 91.8#
138 78.8 73.8 110.6





#49
Acenaphthylene
Concen: 45.750 ng
RT: 14.690 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

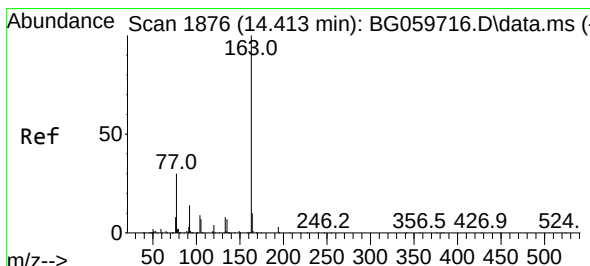
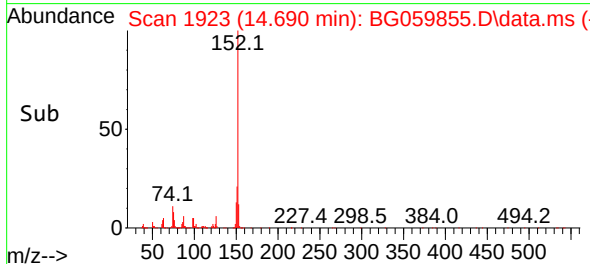
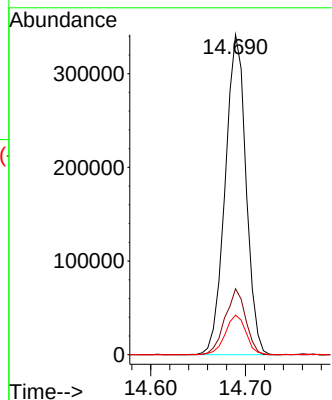
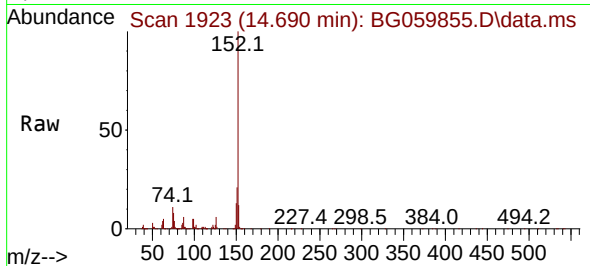
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 520738
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 12.3 12.2 18.4

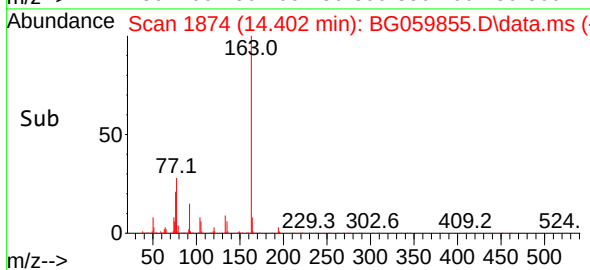
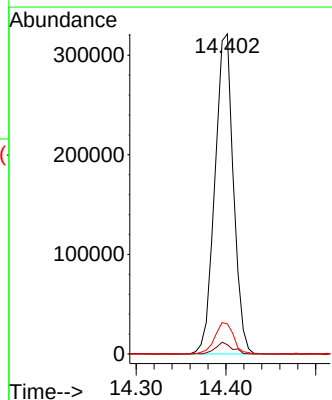
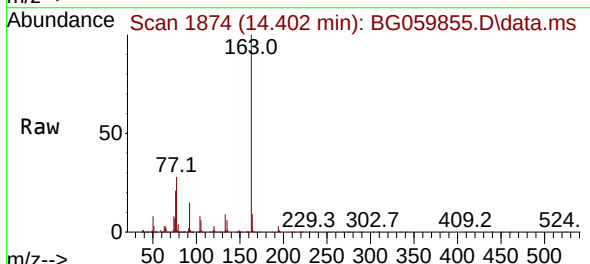
Manual Integrations
APPROVED

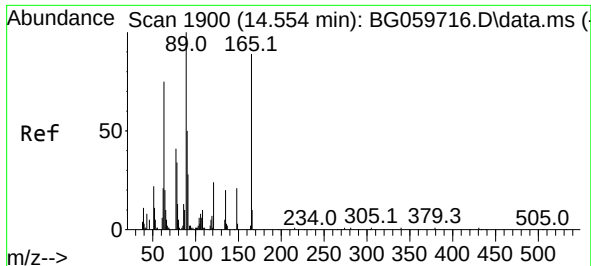
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#50
Dimethylphthalate
Concen: 47.923 ng
RT: 14.402 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:163 Resp: 459657
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 9.4 8.2 12.2





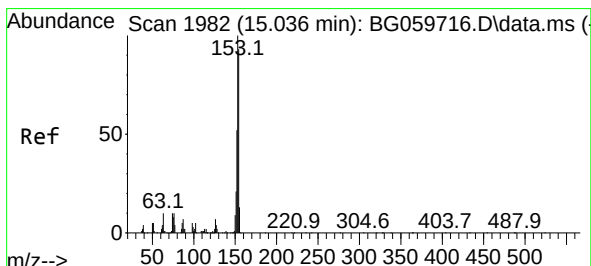
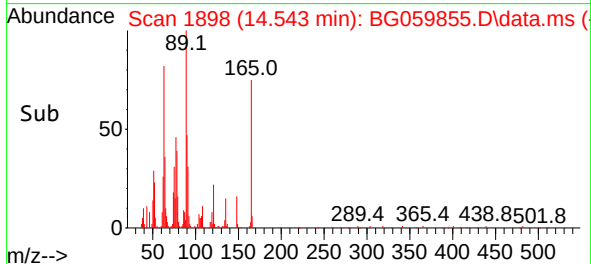
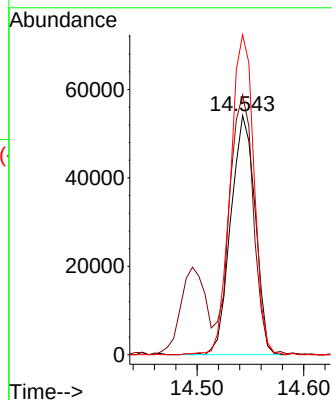
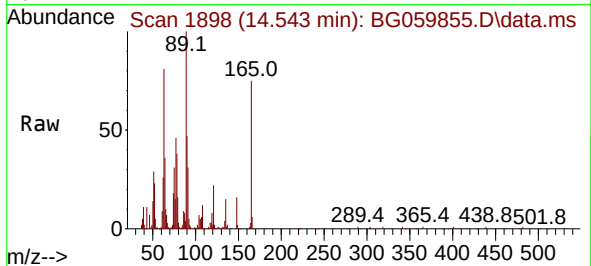
#51
2,6-Dinitrotoluene
Concen: 47.217 ng
RT: 14.543 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 85910
Ion Ratio Lower Upper
165 100
63 108.6 75.3 112.9
89 133.8 90.9 136.3

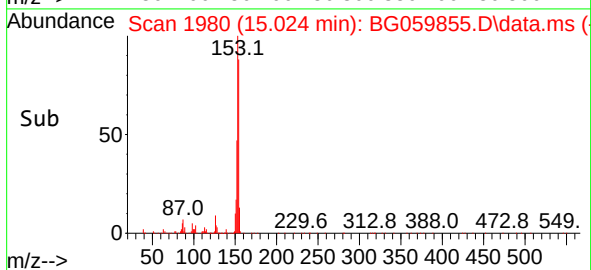
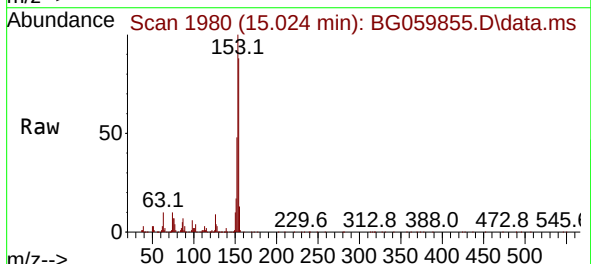
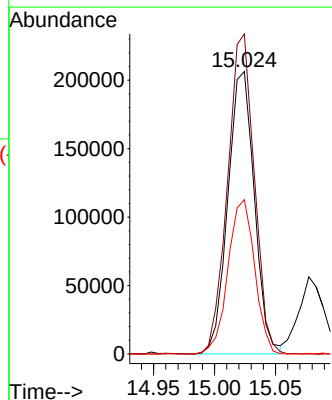
Manual Integrations
APPROVED

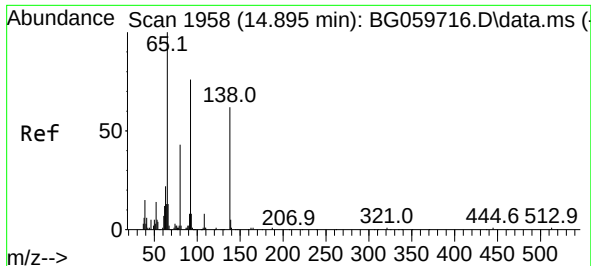
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 45.705 ng
RT: 15.024 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

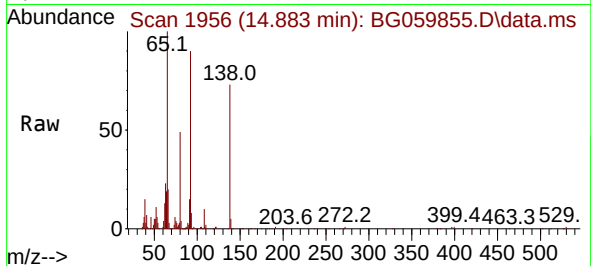
Tgt Ion:154 Resp: 312863
Ion Ratio Lower Upper
154 100
153 113.3 85.8 128.8
152 54.6 44.4 66.6





#53
3-Nitroaniline
Concen: 45.651 ng
RT: 14.883 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

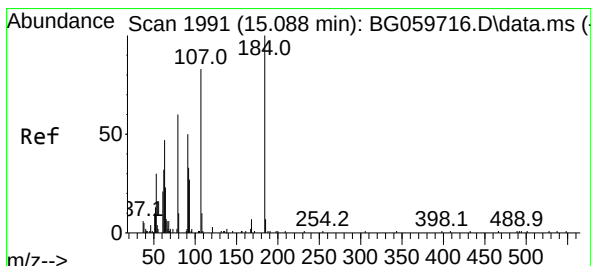
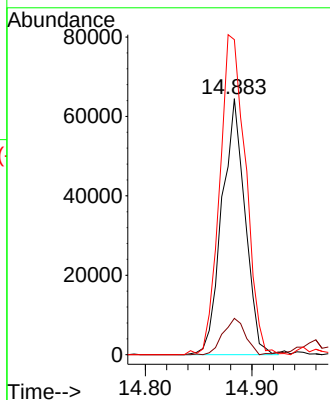
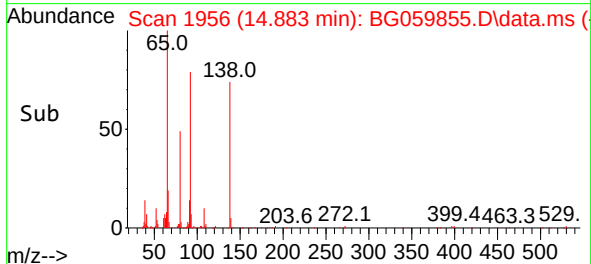
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



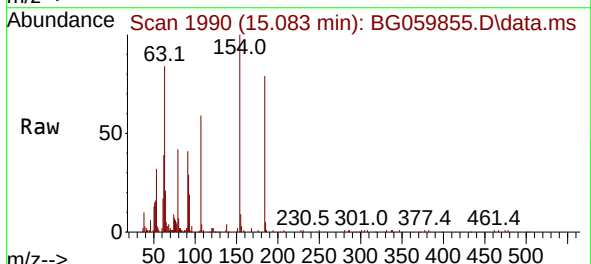
Tgt Ion:138 Resp: 97230
Ion Ratio Lower Upper
138 100
108 14.2 9.9 14.9
92 123.1 98.3 147.5

Manual Integrations
APPROVED

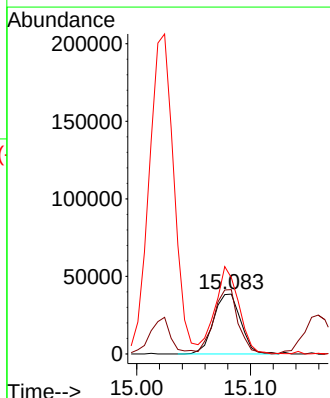
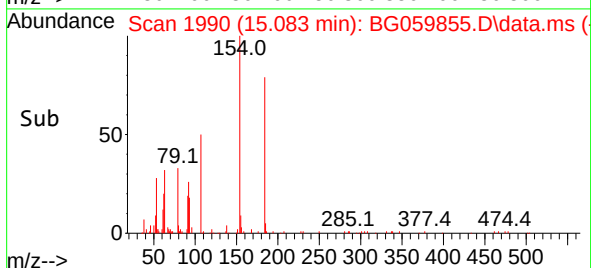
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

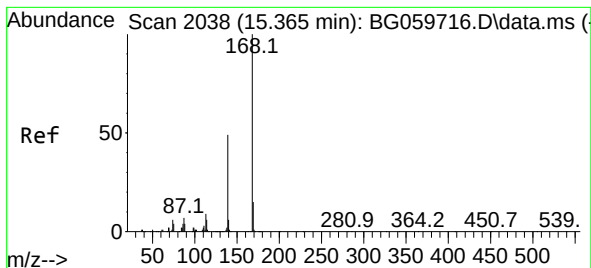


#54
2,4-Dinitrophenol
Concen: 47.138 ng
RT: 15.083 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



Tgt Ion:184 Resp: 63737
Ion Ratio Lower Upper
184 100
63 107.3 58.3 87.5#
154 127.3 94.1 141.1





#55

Dibenzenofuran

Concen: 46.264 ng

RT: 15.353 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

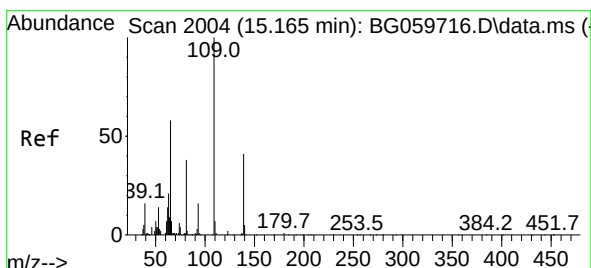
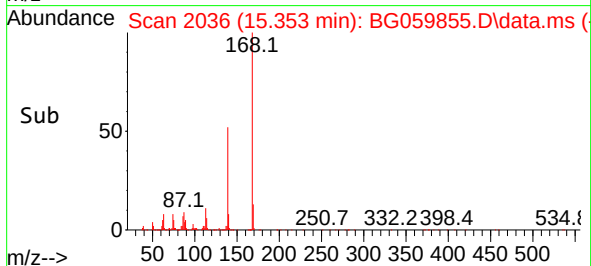
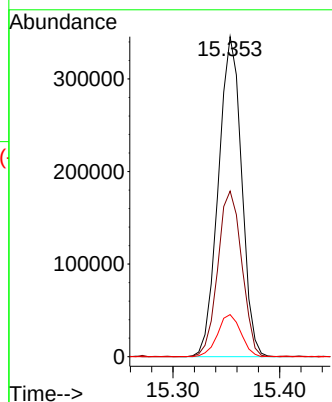
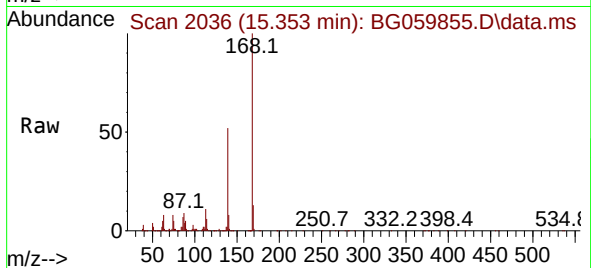
Tgt Ion:168 Resp: 52213
 Ion Ratio Lower Upper
 168 100
 139 51.7 38.9 58.3
 169 13.1 11.8 17.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#56

4-Nitrophenol

Concen: 43.921 ng

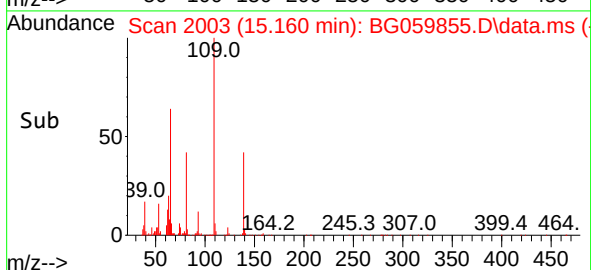
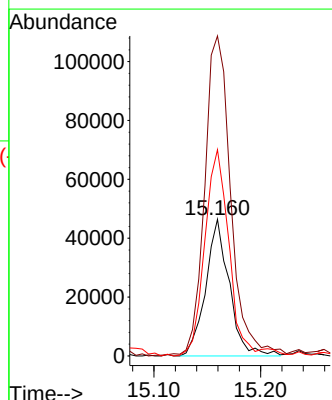
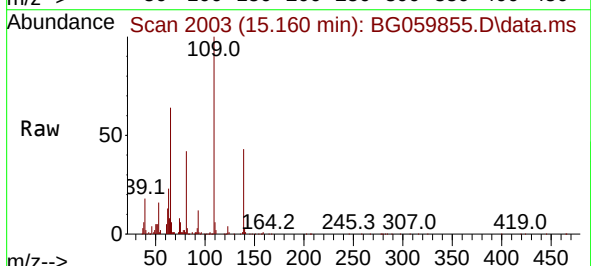
RT: 15.160 min Scan# 2003

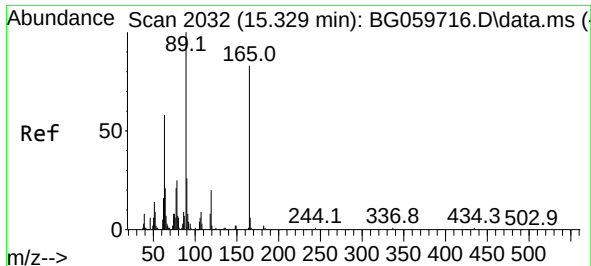
Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Tgt Ion:139 Resp: 71568
 Ion Ratio Lower Upper
 139 100
 109 234.3 223.4 263.4
 65 151.0 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 48.426 ng

RT: 15.324 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 135509

Ion Ratio Lower Upper

165 100

63 64.1 55.8 83.8

89 119.9 96.9 145.3

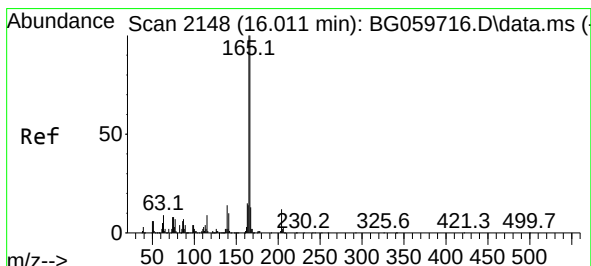
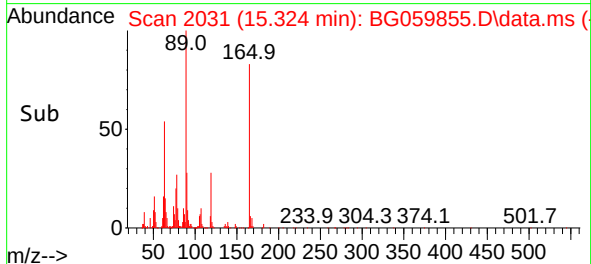
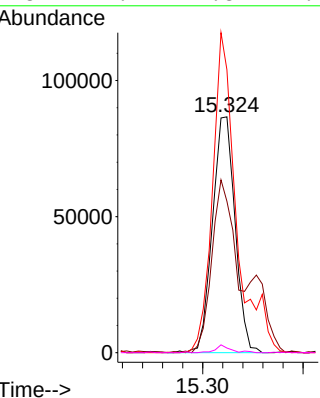
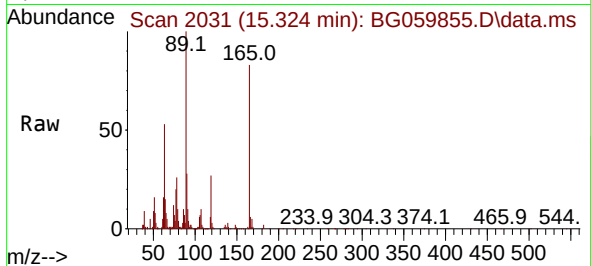
182 1.9 1.8 2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#58

Fluorene

Concen: 47.309 ng

RT: 16.000 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

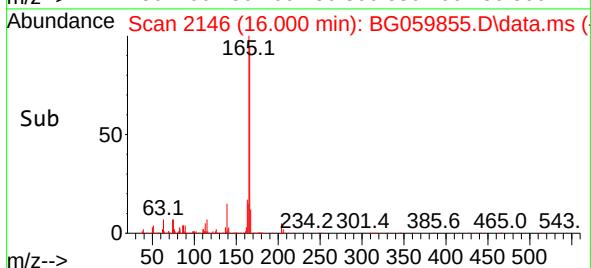
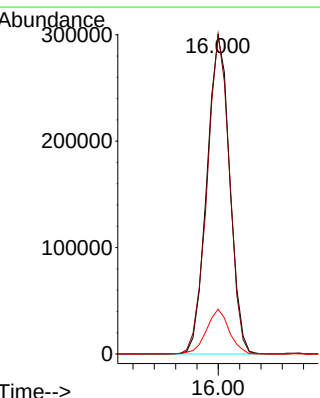
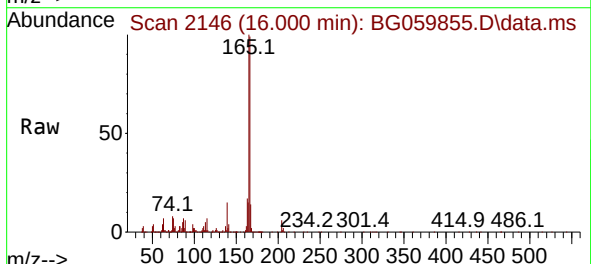
Tgt Ion:166 Resp: 443593

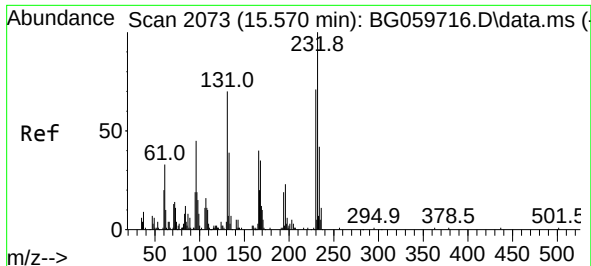
Ion Ratio Lower Upper

166 100

165 100.7 79.9 119.9

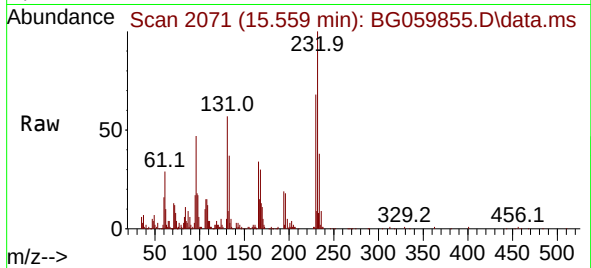
167 14.1 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.193 ng
RT: 15.559 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

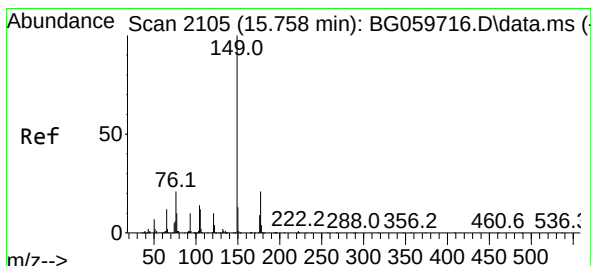
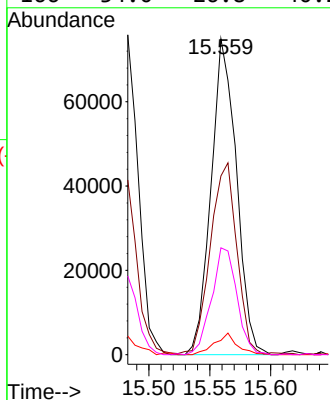
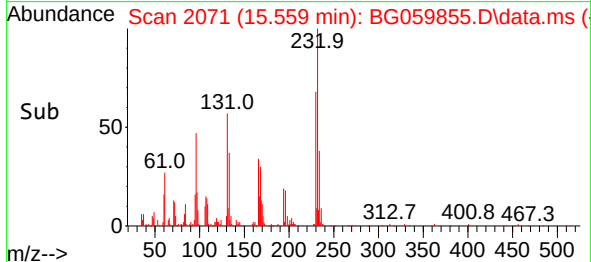
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



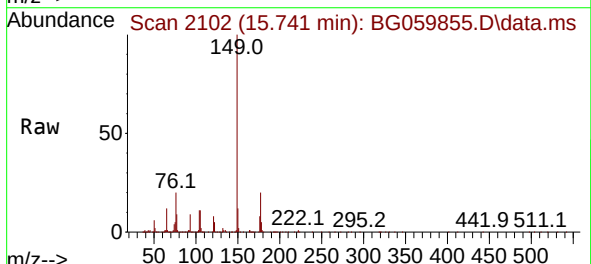
Tgt Ion:232 Resp: 10850
Ion Ratio Lower Upper
232 100
131 63.8 50.2 75.2
130 6.0 4.3 6.5
166 34.0 26.8 40.2

Manual Integrations
APPROVED

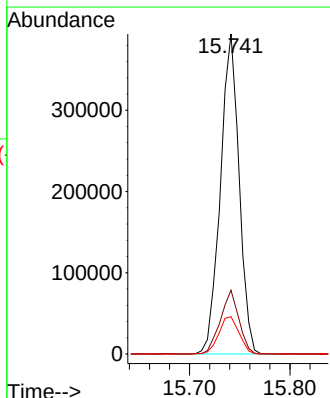
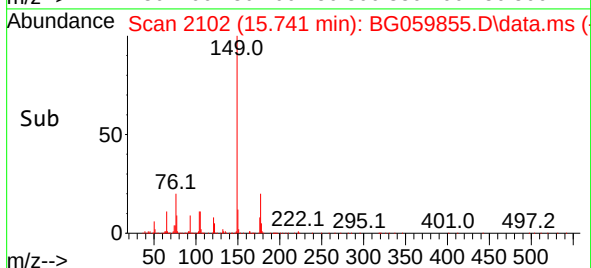
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

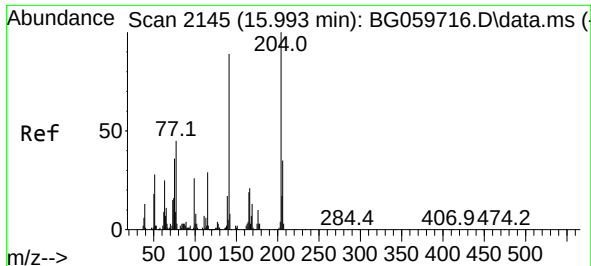


#60
Diethylphthalate
Concen: 49.465 ng
RT: 15.741 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



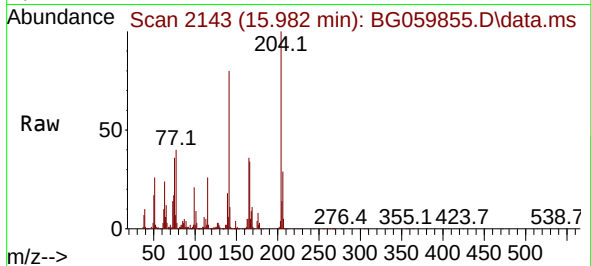
Tgt Ion:149 Resp: 508842
Ion Ratio Lower Upper
149 100
177 19.9 16.6 24.8
150 11.7 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 48.142 ng
RT: 15.982 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

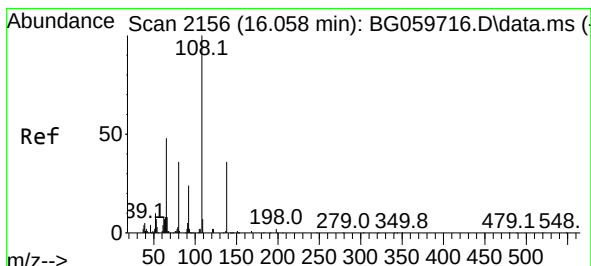
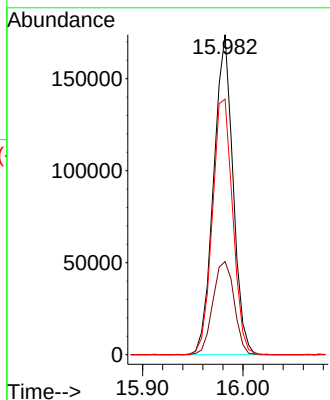
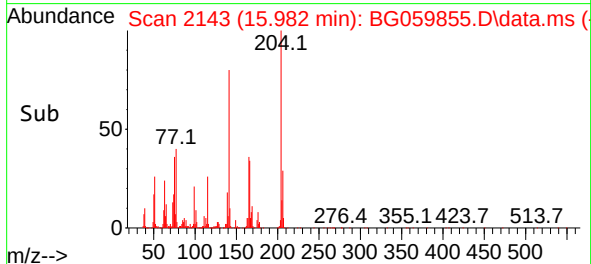
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



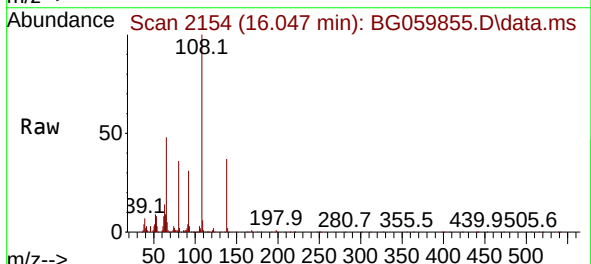
Tgt Ion:204 Resp: 23234
Ion Ratio Lower Upper
204 100
206 29.1 28.1 42.1
141 79.9 70.9 106.3

Manual Integrations
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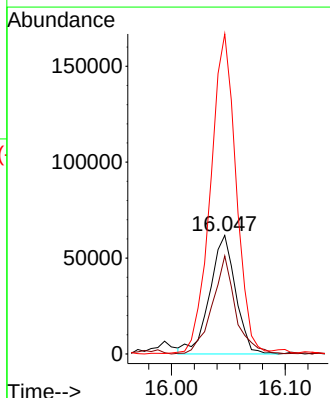
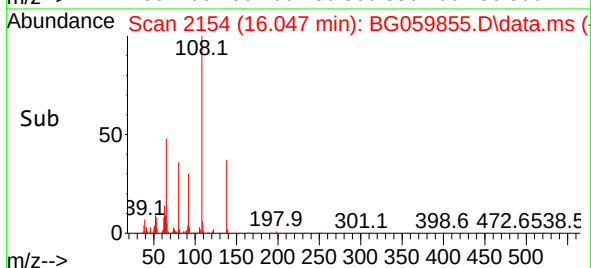
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

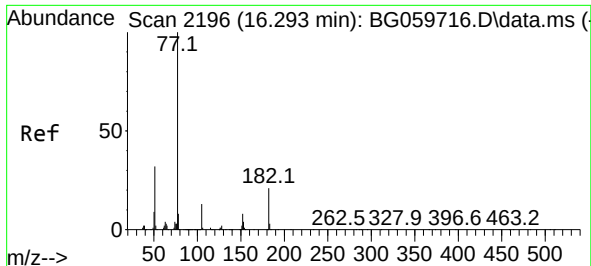


#62
4-Nitroaniline
Concen: 45.662 ng
RT: 16.047 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



Tgt Ion:138 Resp: 97469
Ion Ratio Lower Upper
138 100
92 82.8 45.8 85.8
108 270.0 256.3 296.3





#63
Azobenzene
Concen: 45.969 ng
RT: 16.276 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

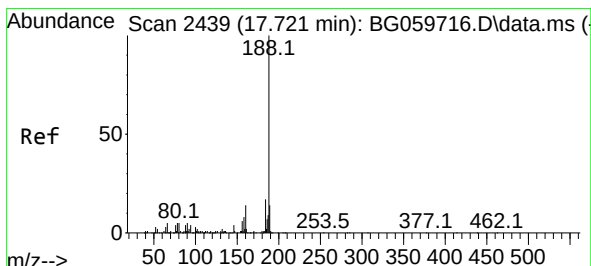
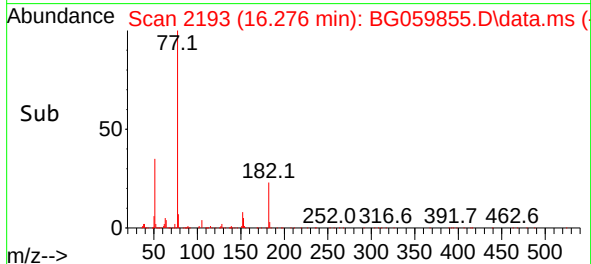
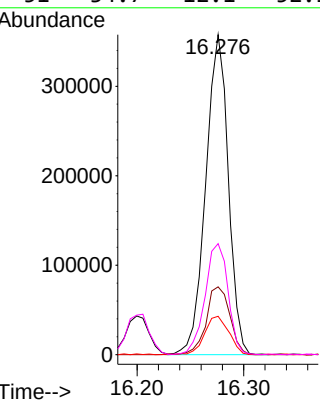
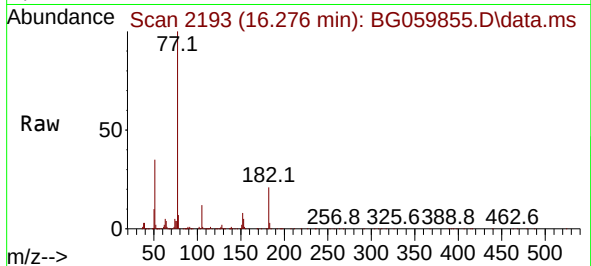
SSTDCCC040

Tgt Ion: 77 Resp: 52549
Ion Ratio Lower Upper
77 100
182 21.2 1.1 41.1
105 12.0 0.0 33.0
51 34.7 12.1 52.1

Manual Integrations

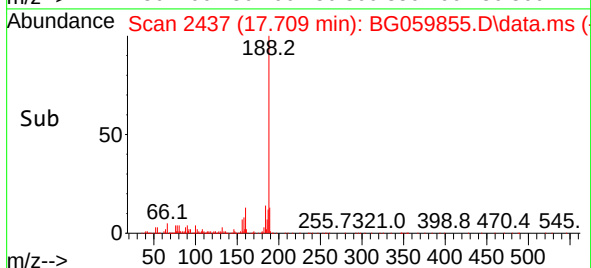
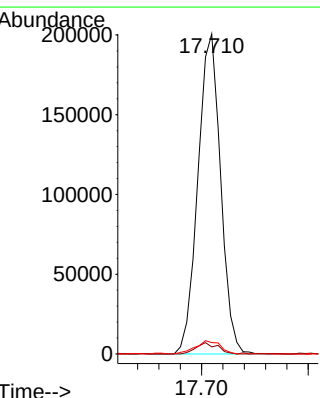
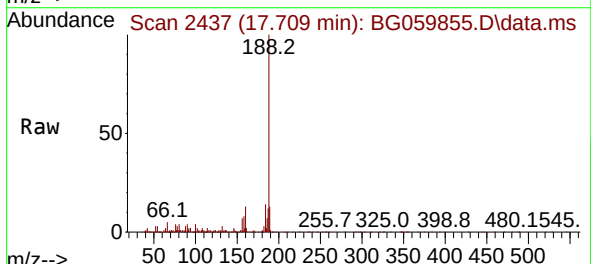
APPROVED

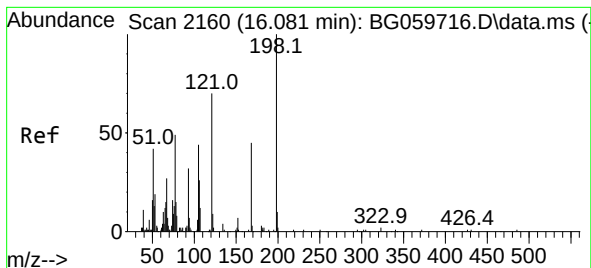
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:188 Resp: 296246
Ion Ratio Lower Upper
188 100
94 2.2 3.0 4.4#
80 3.6 4.2 6.4#





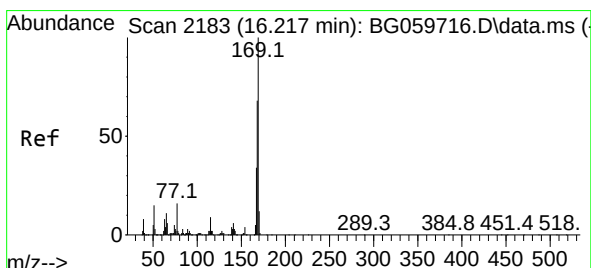
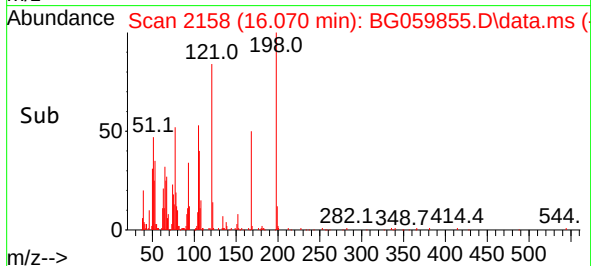
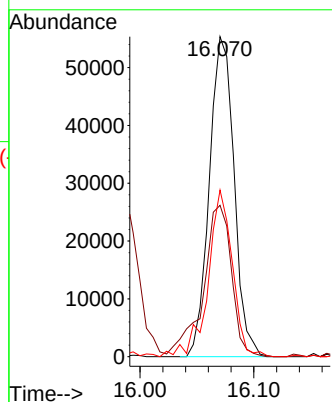
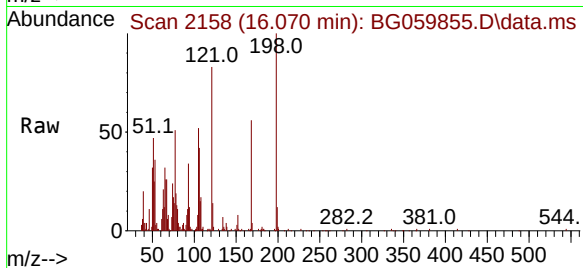
#65
4,6-Dinitro-2-methylphenol
Concen: 46.272 ng
RT: 16.070 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 8377
Ion Ratio Lower Upper
198 100
51 47.3 23.0 63.0
105 52.0 24.0 64.0

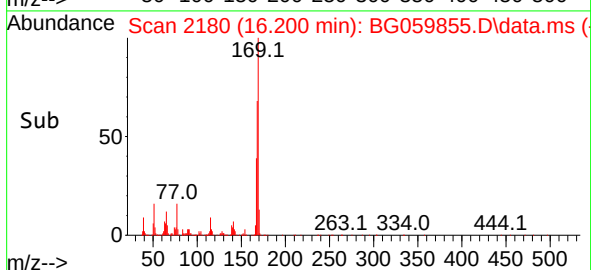
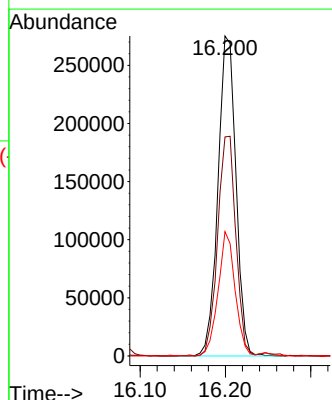
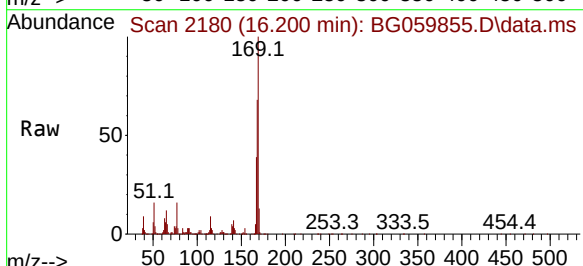
Manual Integrations
APPROVED

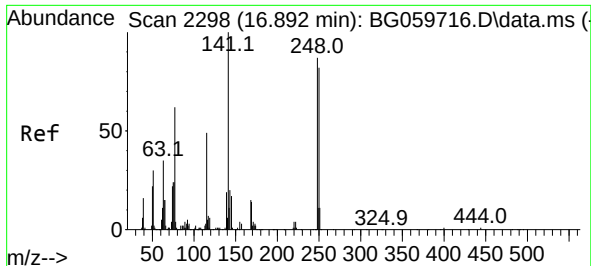
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 46.582 ng
RT: 16.200 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

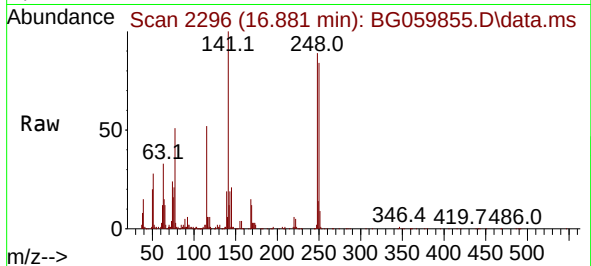
Tgt Ion:169 Resp: 403121
Ion Ratio Lower Upper
169 100
168 68.5 54.5 81.7
167 38.9 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 46.615 ng
RT: 16.881 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

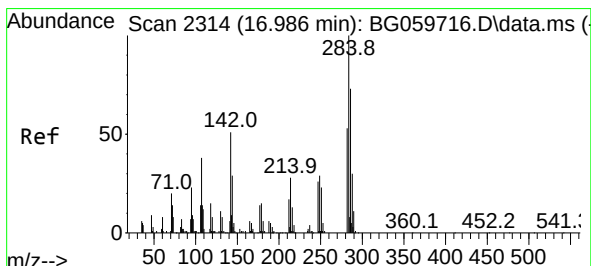
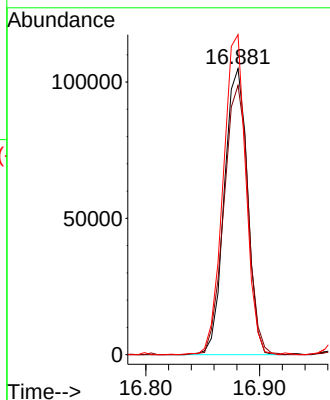
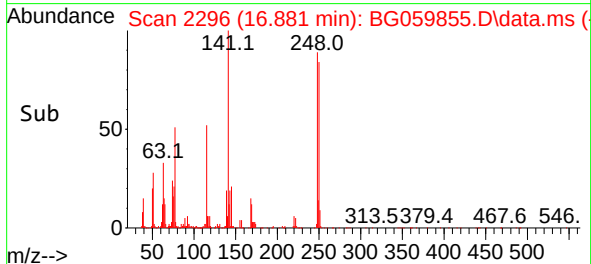
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



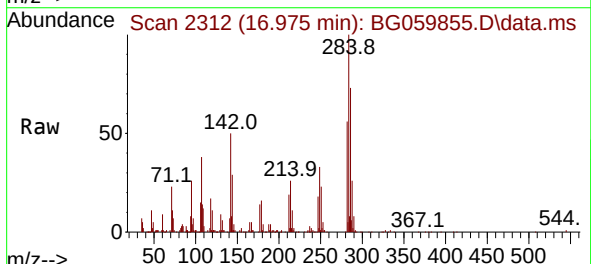
Tgt Ion:248 Resp: 14835
Ion Ratio Lower Upper
248 100
250 94.1 75.2 112.8
141 111.8 91.5 137.3

Manual Integrations
APPROVED

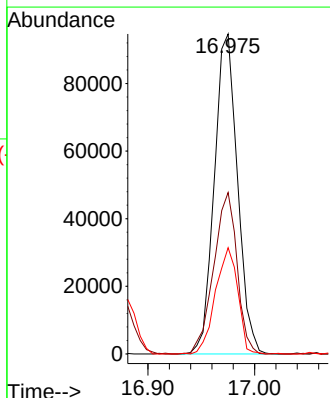
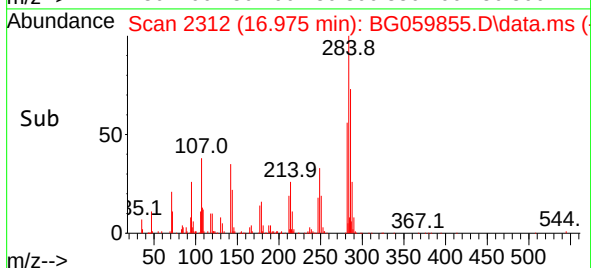
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

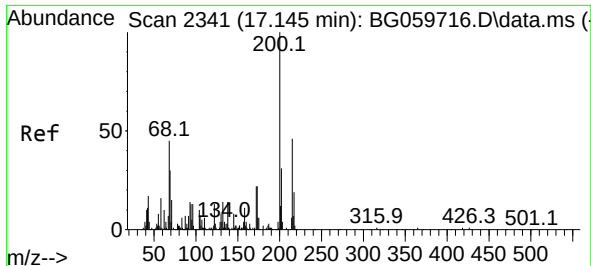


#68
Hexachlorobenzene
Concen: 48.042 ng
RT: 16.975 min Scan# 2312
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



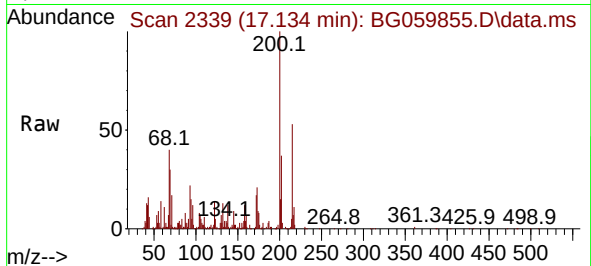
Tgt Ion:284 Resp: 142704
Ion Ratio Lower Upper
284 100
142 50.4 41.0 61.6
249 33.2 24.2 36.4





#69
 Atrazine
 Concen: 42.331 ng
 RT: 17.134 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG059855.D
 Acq: 24 Nov 2023 12:26

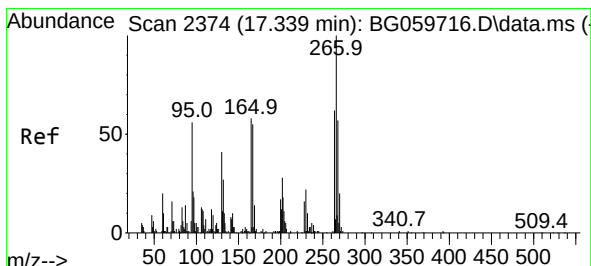
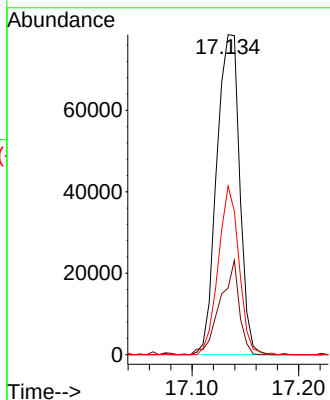
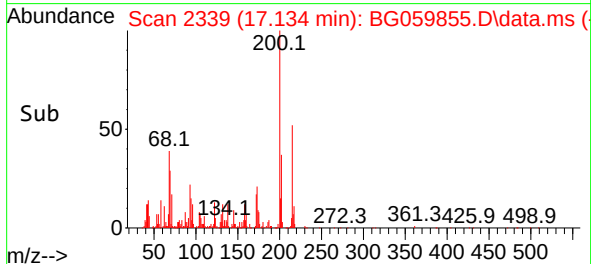
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



Tgt Ion:200 Resp: 11745
 Ion Ratio Lower Upper
 200 100
 173 20.8 2.3 42.3
 215 52.7 25.6 65.6

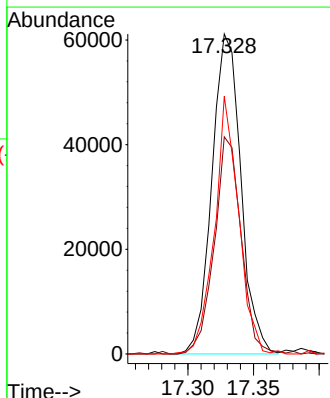
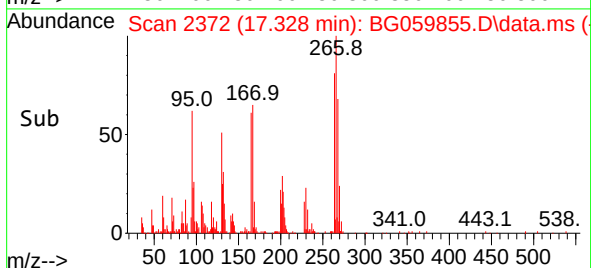
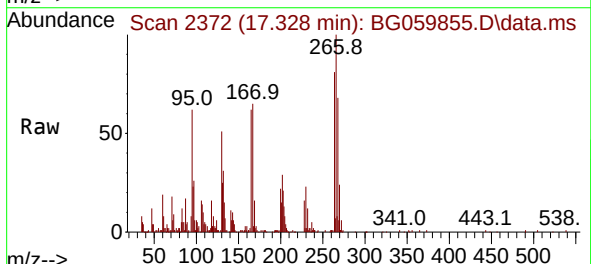
Manual Integrations
 APPROVED

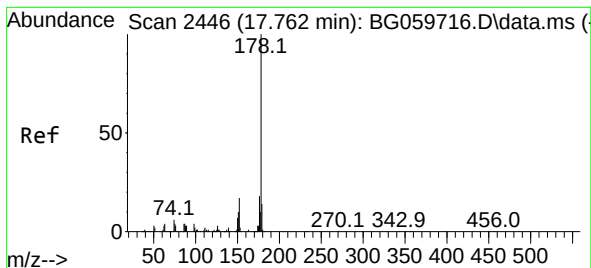
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#70
 Pentachlorophenol
 Concen: 41.378 ng
 RT: 17.328 min Scan# 2372
 Delta R.T. 0.000 min
 Lab File: BG059855.D
 Acq: 24 Nov 2023 12:26

Tgt Ion:266 Resp: 93770
 Ion Ratio Lower Upper
 266 100
 268 67.8 45.7 68.5
 264 80.5 49.8 74.8#





#71

Phenanthrene

Concen: 45.816 ng

RT: 17.751 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 69007

Ion Ratio Lower Upper

178 100

176 17.6 14.5 21.7

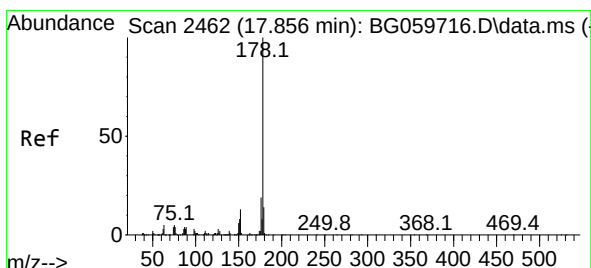
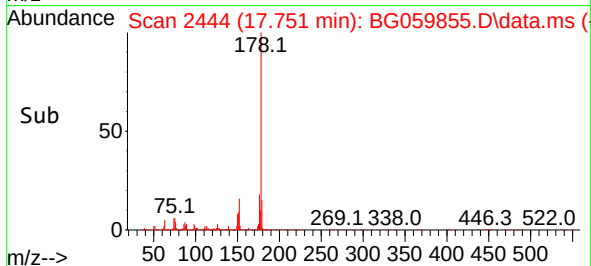
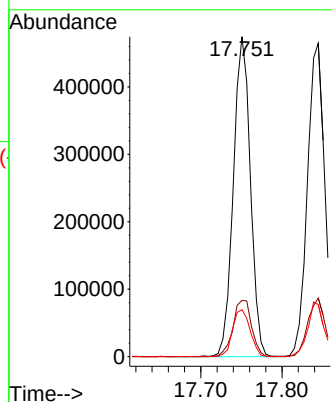
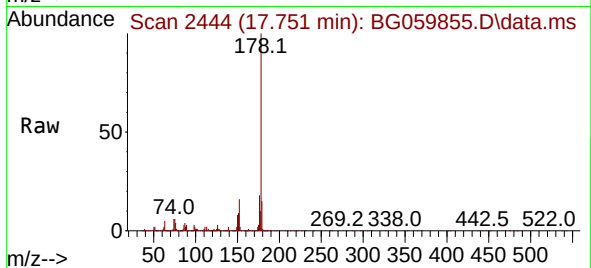
179 14.7 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#72

Anthracene

Concen: 43.870 ng

RT: 17.845 min Scan# 2460

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

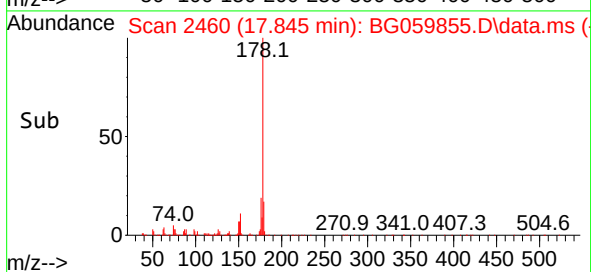
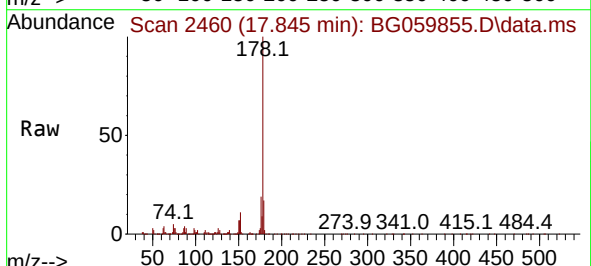
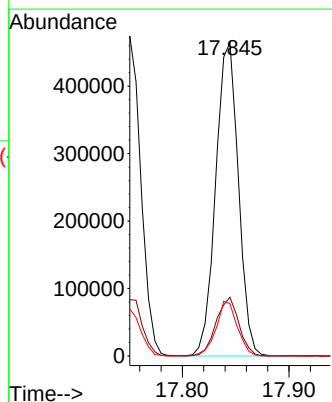
Tgt Ion:178 Resp: 686540

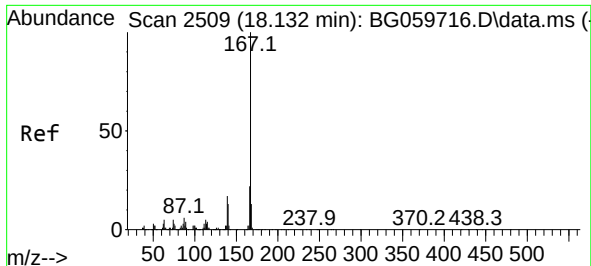
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 16.7 11.5 17.3





#73
 Carbazole
 Concen: 43.561 ng
 RT: 18.121 min Scan# 2507
 Delta R.T. 0.000 min
 Lab File: BG059855.D
 Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

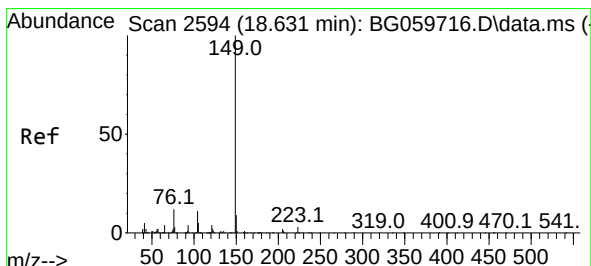
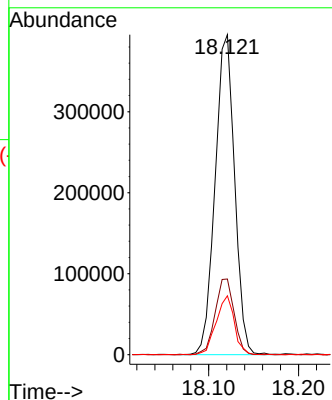
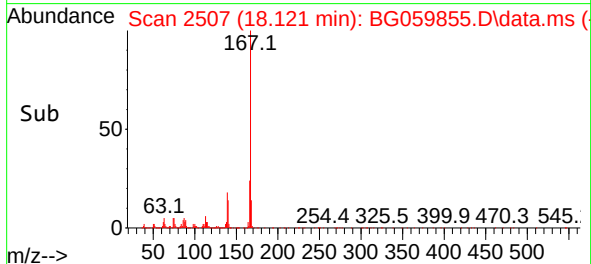
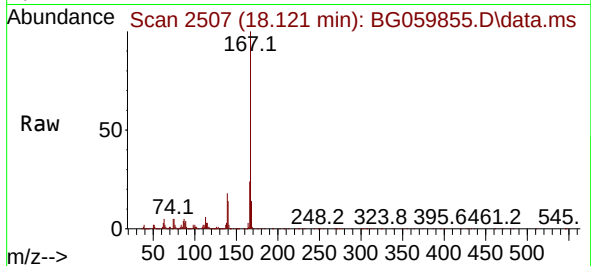
SSTDCCC040

Tgt Ion:167 Resp: 59555
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.4 26.0
 139 18.4 13.2 19.8

Manual Integrations

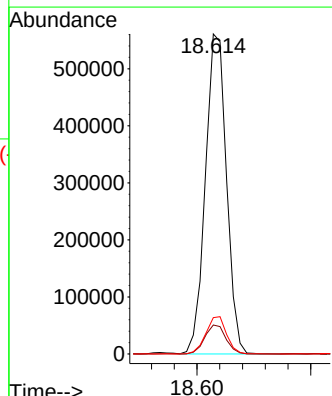
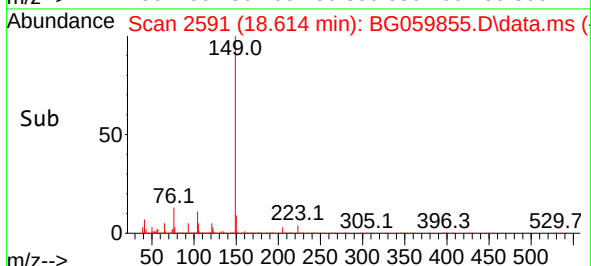
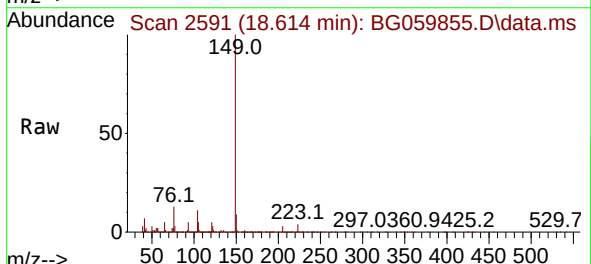
APPROVED

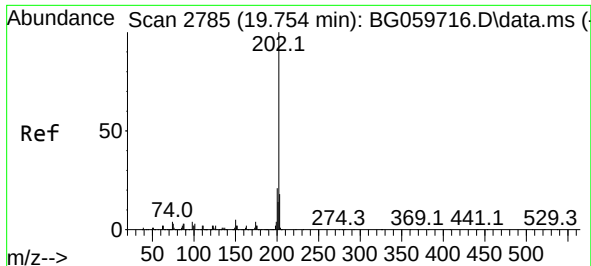
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#74
 Di-n-butylphthalate
 Concen: 43.790 ng
 RT: 18.614 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BG059855.D
 Acq: 24 Nov 2023 12:26

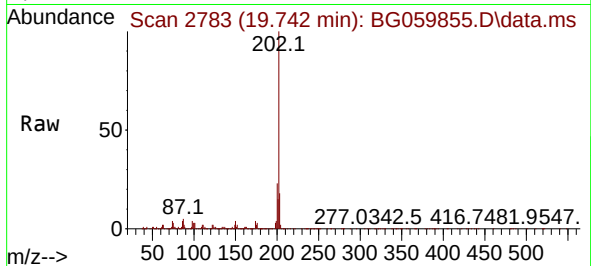
Tgt Ion:149 Resp: 723663
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 11.3 8.6 12.8





#75
Fluoranthene
Concen: 39.292 ng
RT: 19.742 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

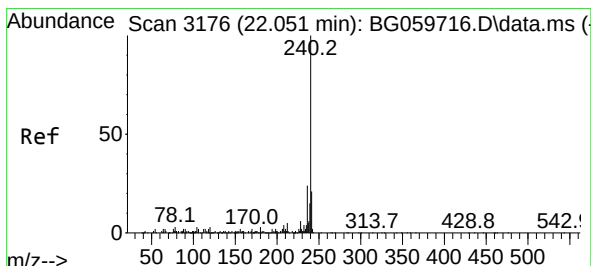
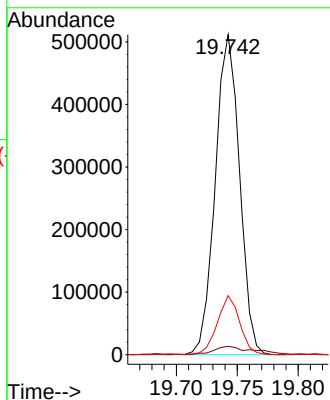
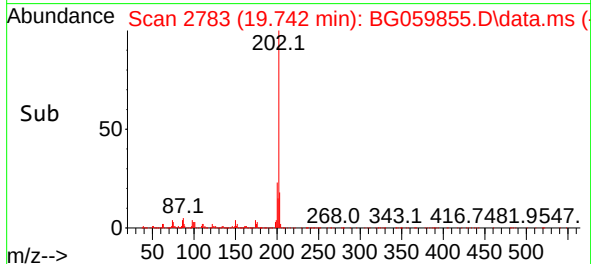
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



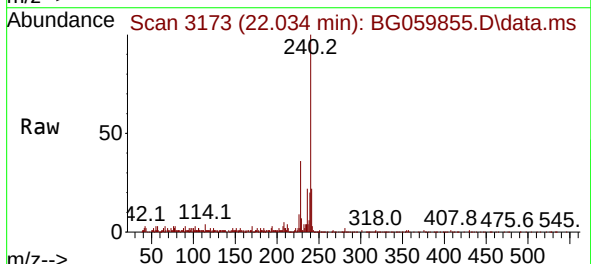
Tgt Ion:202 Resp: 709724
Ion Ratio Lower Upper
202 100
101 2.6 0.0 22.7
203 18.5 0.0 38.2

Manual Integrations
APPROVED

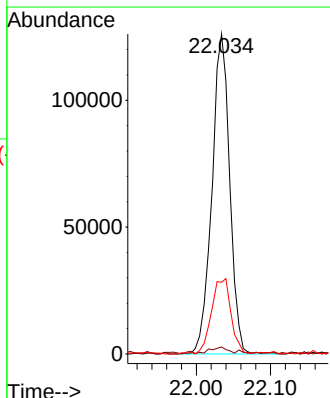
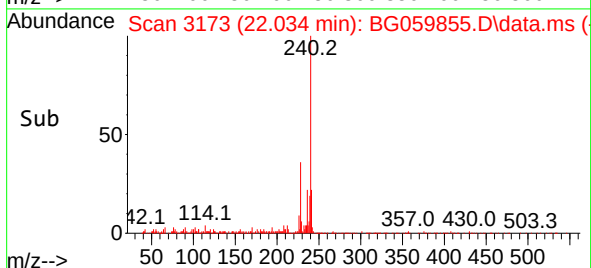
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

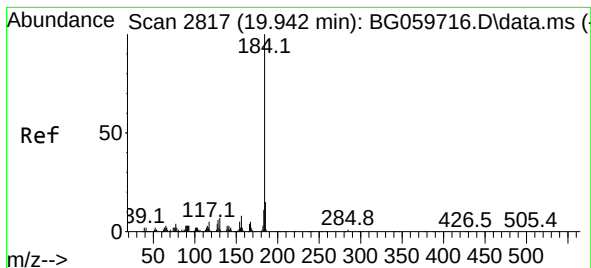


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.034 min Scan# 3173
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



Tgt Ion:240 Resp: 209675
Ion Ratio Lower Upper
240 100
120 2.2 2.2 3.2
236 22.4 19.4 29.2





#77

Benzidine

Concen: 24.105 ng

RT: 19.930 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

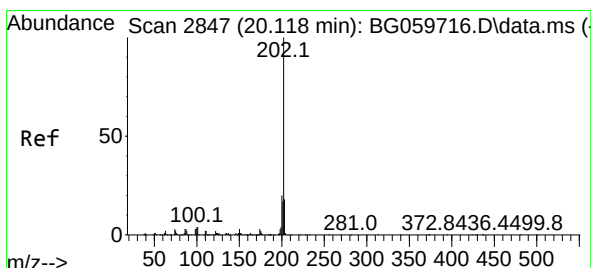
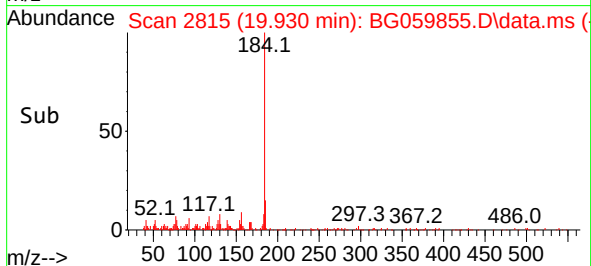
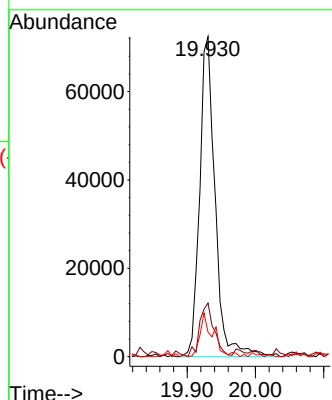
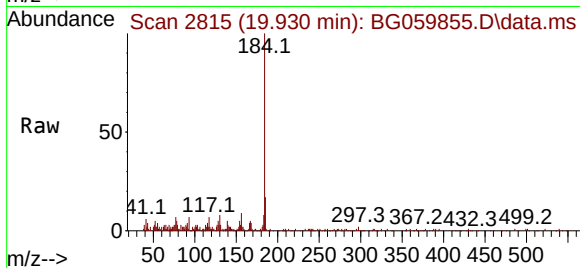
Tgt Ion:184 Resp: 114609
 Ion Ratio Lower Upper
 184 100
 185 16.7 12.2 18.2
 183 7.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#78

Pyrene

Concen: 47.100 ng

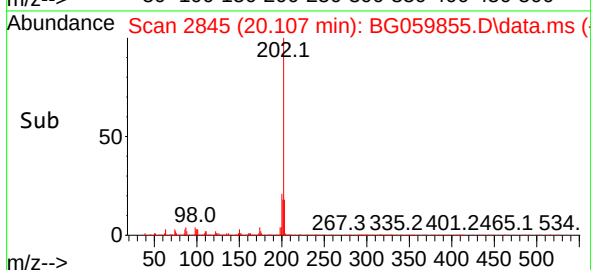
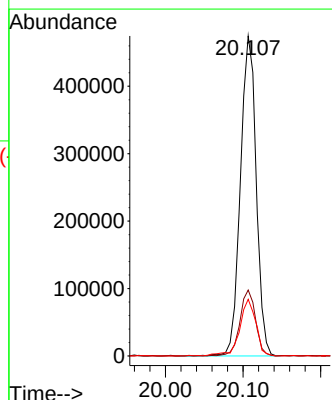
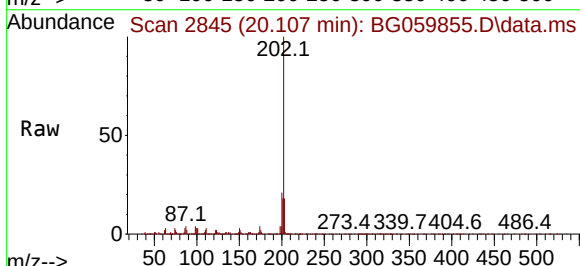
RT: 20.107 min Scan# 2845

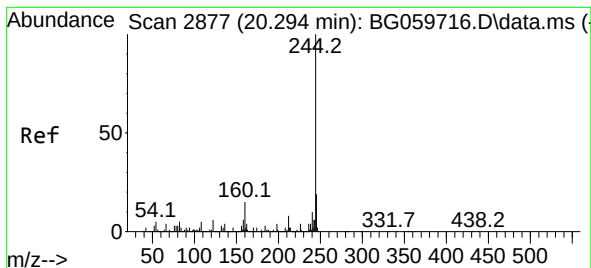
Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Tgt Ion:202 Resp: 671933
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.2 24.4
 203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 97.385 ng

RT: 20.283 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1383180

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

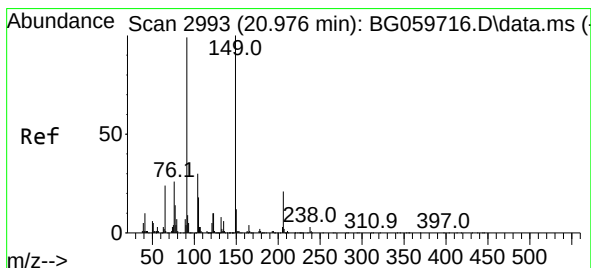
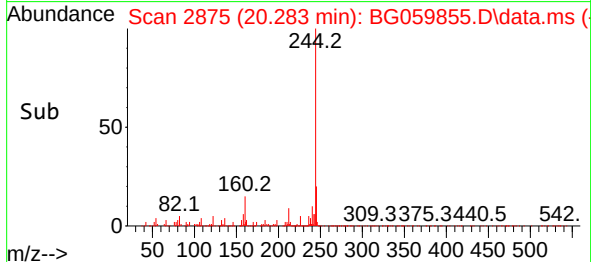
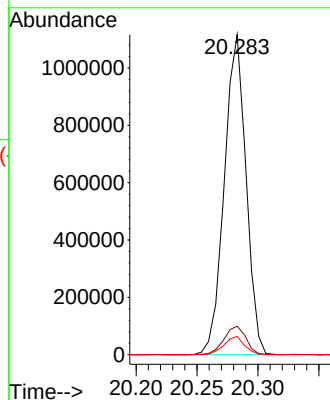
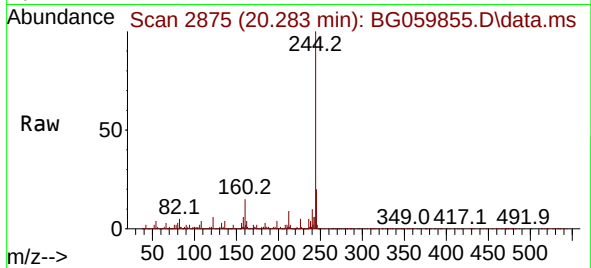
122 5.7 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#80

Butylbenzylphthalate

Concen: 46.349 ng

RT: 20.959 min Scan# 2990

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

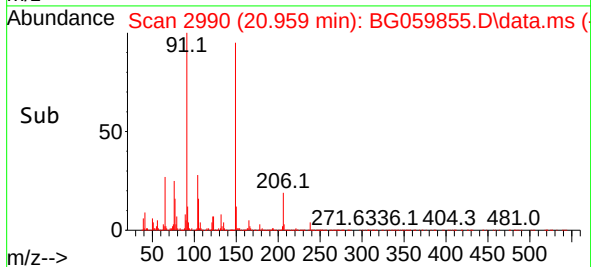
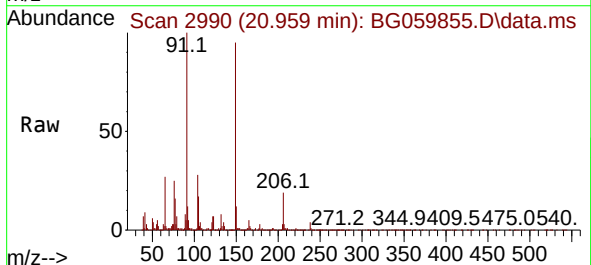
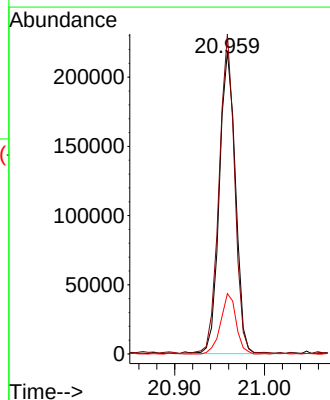
Tgt Ion:149 Resp: 271129

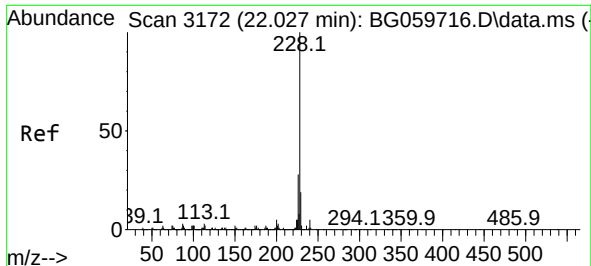
Ion Ratio Lower Upper

149 100

91 105.7 79.6 119.4

206 19.9 16.9 25.3





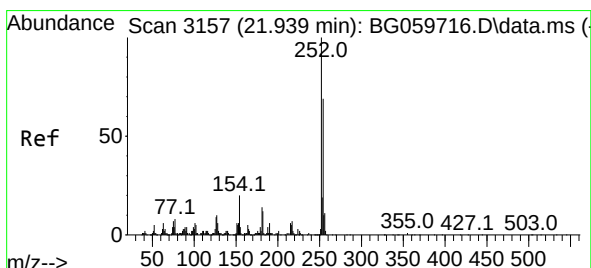
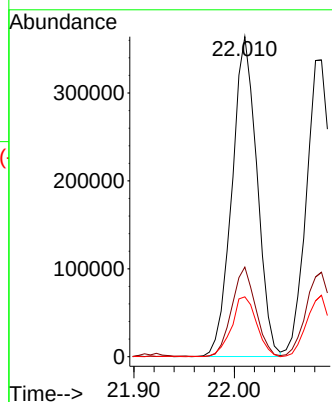
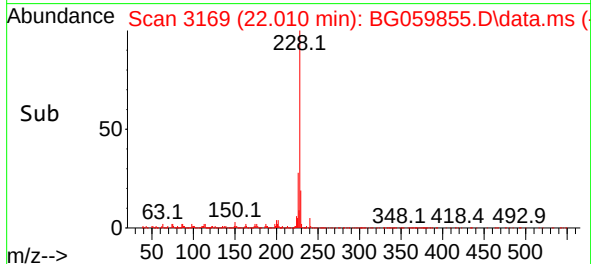
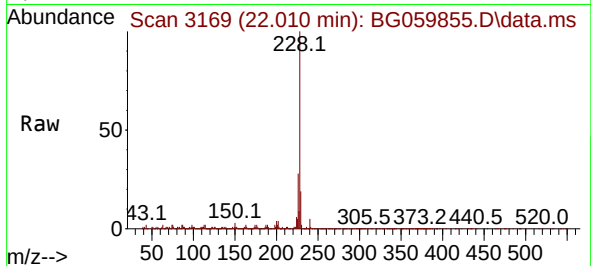
#81
Benzo(a)anthracene
Concen: 43.930 ng
RT: 22.010 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 630240
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 18.7 14.9 22.3

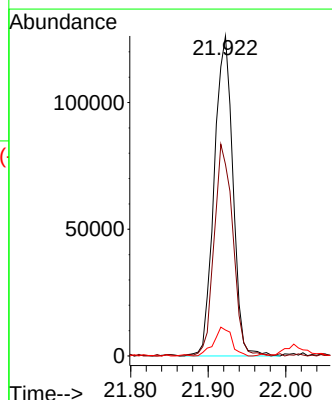
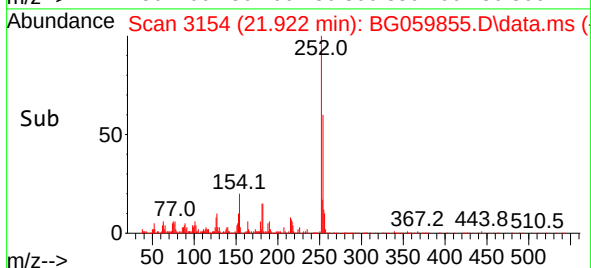
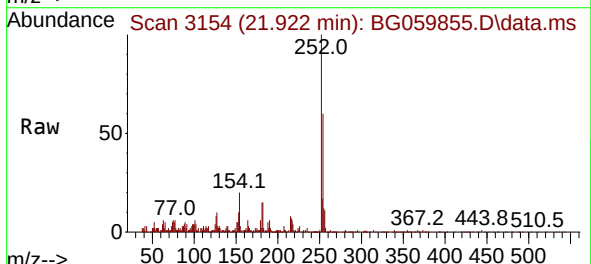
Manual Integrations
APPROVED

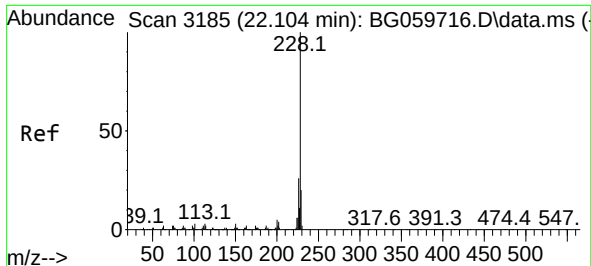
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.600 ng
RT: 21.922 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

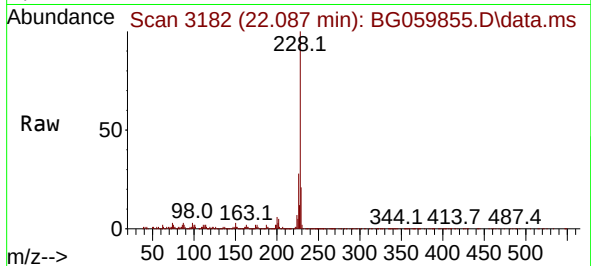
Tgt Ion:252 Resp: 211655
Ion Ratio Lower Upper
252 100
254 59.8 55.2 82.8
126 8.1 7.0 10.6





#83
Chrysene
Concen: 44.086 ng
RT: 22.087 min Scan# 3182
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

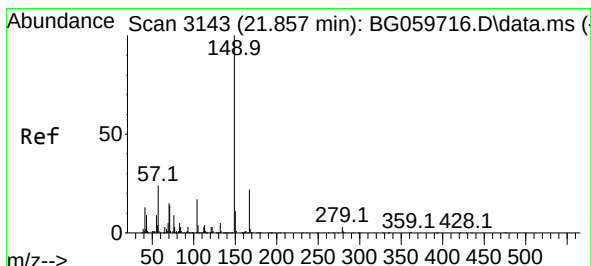
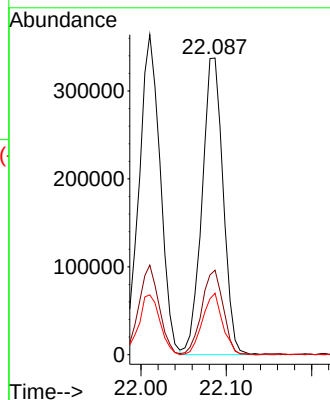
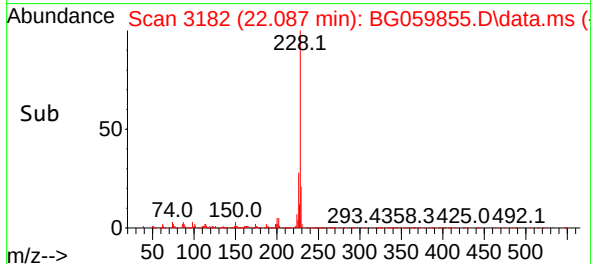
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 579794
Ion Ratio Lower Upper
228 100
226 28.5 21.1 31.7
229 20.7 16.2 24.4

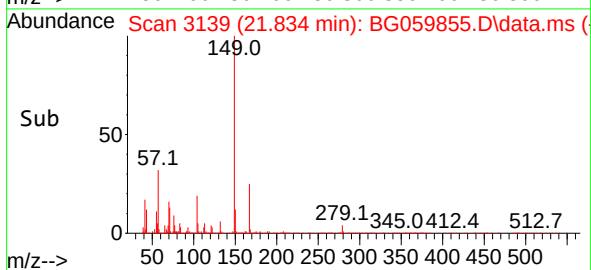
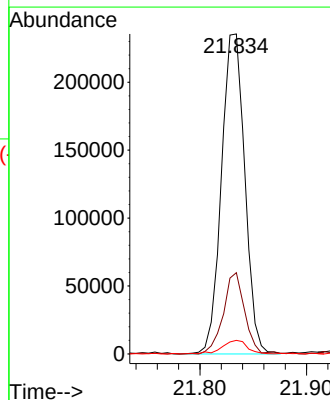
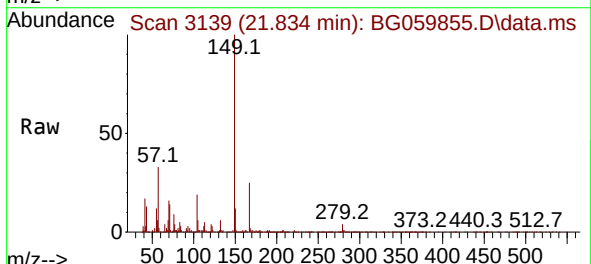
Manual Integrations
APPROVED

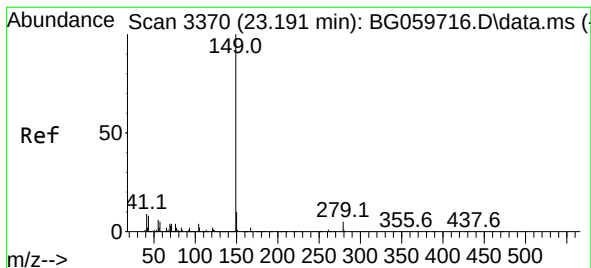
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.807 ng
RT: 21.834 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:149 Resp: 358230
Ion Ratio Lower Upper
149 100
167 25.4 17.6 26.4
279 4.3 2.7 4.1#





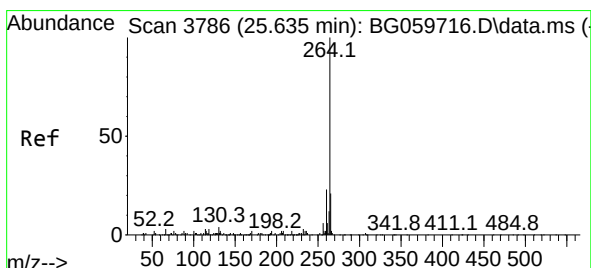
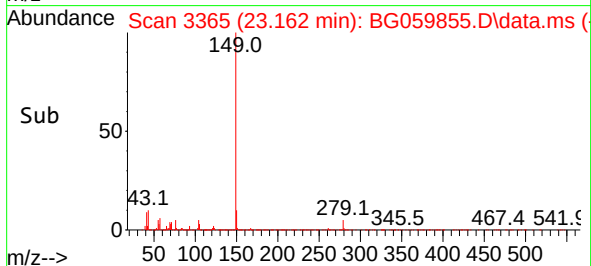
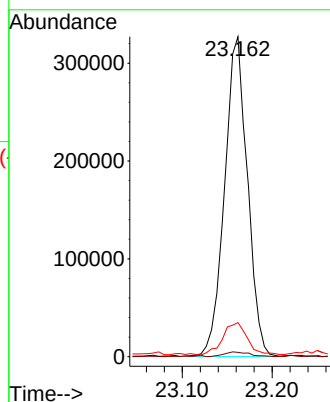
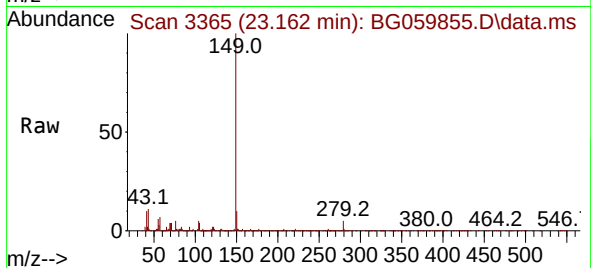
#85
Di-n-octyl phthalate
Concen: 36.661 ng
RT: 23.162 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 57713
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.8 6.3 9.5

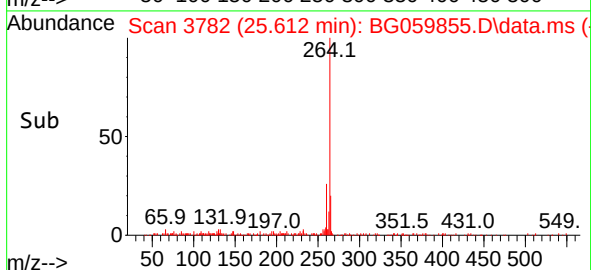
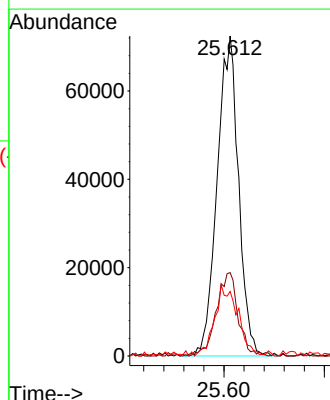
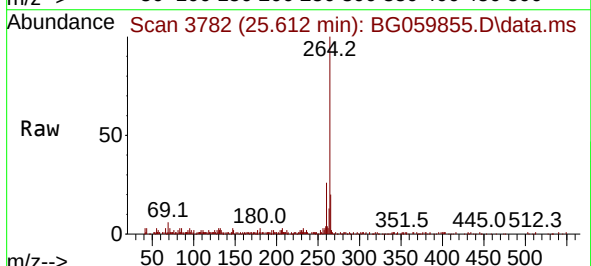
Manual Integrations
APPROVED

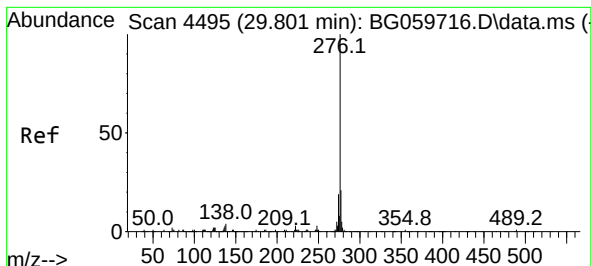
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.612 min Scan# 3782
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

Tgt Ion:264 Resp: 214914
Ion Ratio Lower Upper
264 100
260 26.1 18.5 27.7
265 20.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.273 ng m

RT: 29.760 min Scan# 44

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 71996

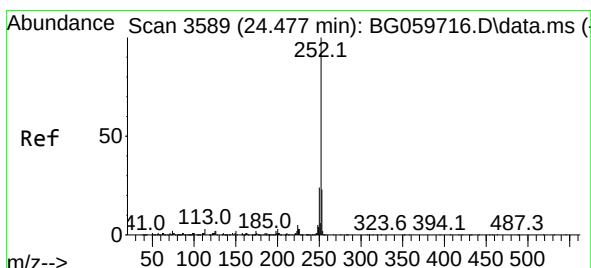
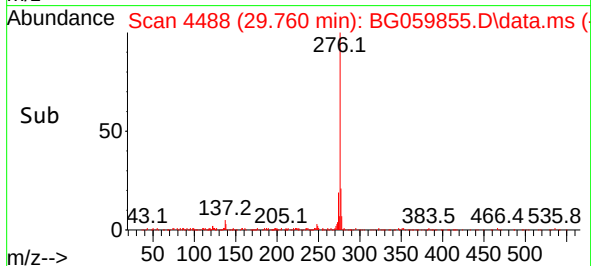
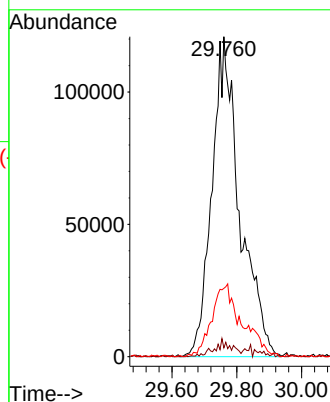
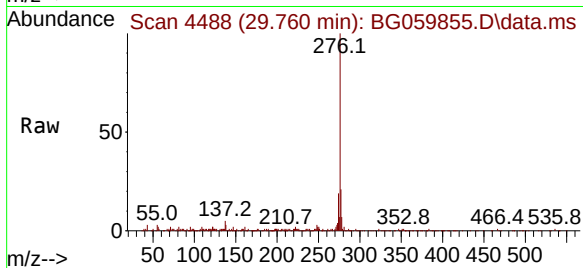
Ion	Ratio	Lower	Upper
276	100		
138	0.9	1.8	2.6
277	20.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#88

Benzo(b)fluoranthene

Concen: 49.511 ng

RT: 24.449 min Scan# 3584

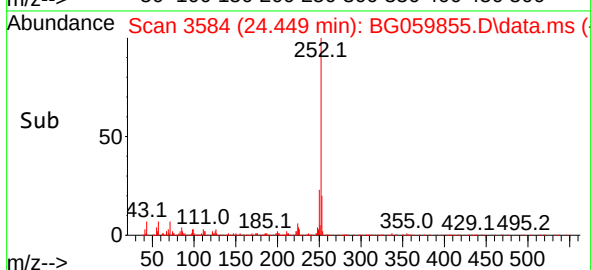
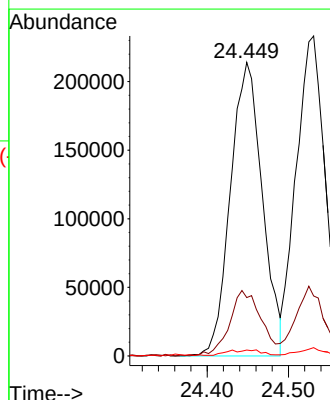
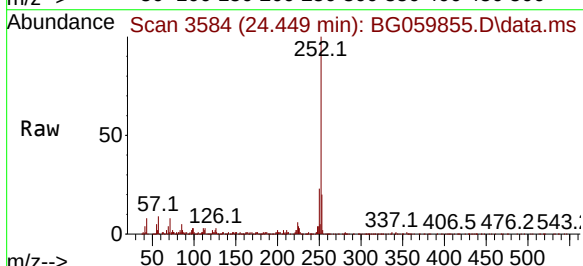
Delta R.T. 0.000 min

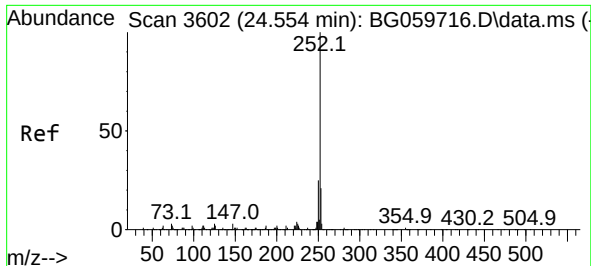
Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Tgt Ion: 252 Resp: 583201

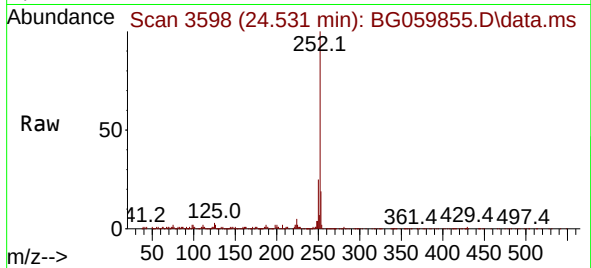
Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.3	27.5
125	2.0	1.4	2.0





#89
Benzo(k)fluoranthene
Concen: 49.568 ng
RT: 24.531 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26

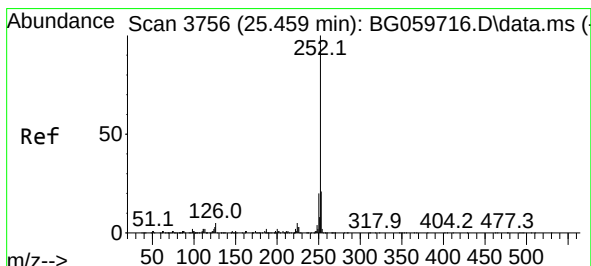
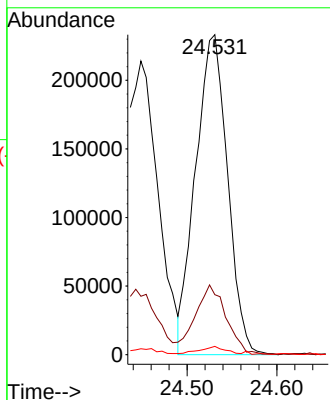
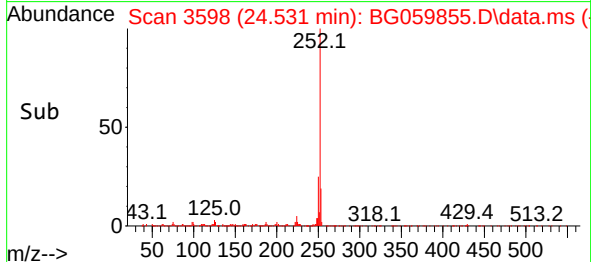
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



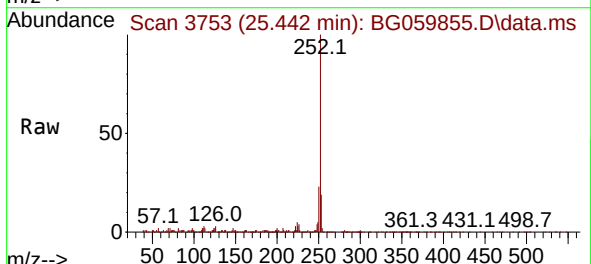
Tgt Ion:252 Resp: 57724
Ion Ratio Lower Upper
252 100
253 18.8 17.1 25.7
125 2.6 2.2 3.2

Manual Integrations
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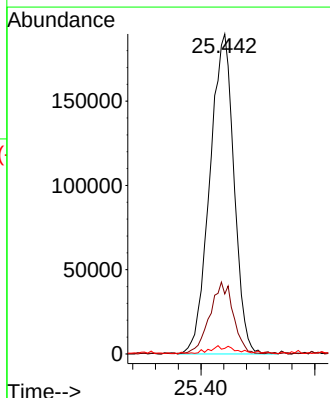
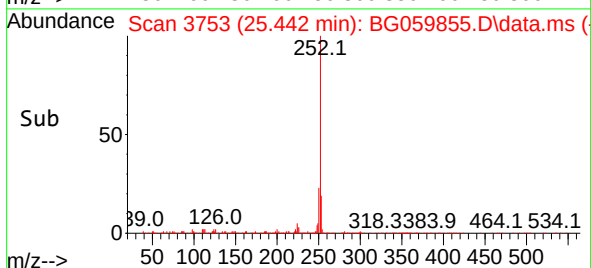
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

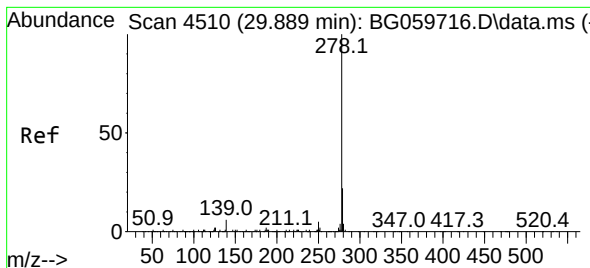


#90
Benzo(a)pyrene
Concen: 44.654 ng
RT: 25.442 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BG059855.D
Acq: 24 Nov 2023 12:26



Tgt Ion:252 Resp: 561361
Ion Ratio Lower Upper
252 100
253 18.7 16.8 25.2
125 1.8 2.0 3.0#





#91

Dibenzo(a,h)anthracene

Concen: 44.238 ng

RT: 29.848 min Scan# 4

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 60864

Ion Ratio Lower Upper

278 100

139 3.6 4.6 7.0

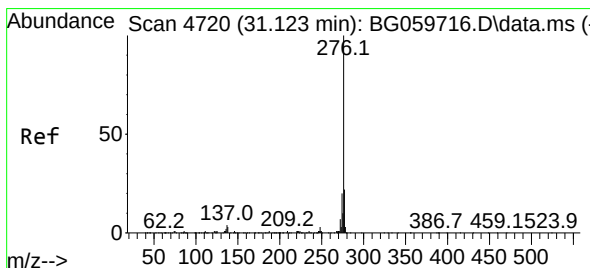
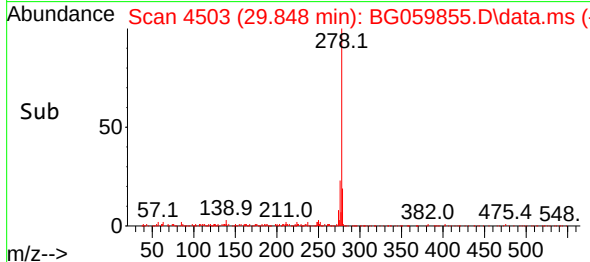
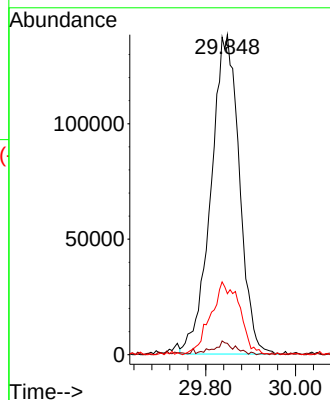
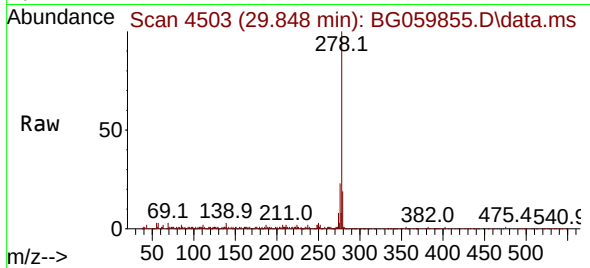
279 19.0 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 43.699 ng

RT: 31.094 min Scan# 4715

Delta R.T. 0.000 min

Lab File: BG059855.D

Acq: 24 Nov 2023 12:26

Tgt Ion:276 Resp: 570462

Ion Ratio Lower Upper

276 100

277 23.7 17.3 25.9

138 3.3 2.6 4.0

