

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056647.D
 Acq On : 16 Feb 2023 00:45
 Operator : CG/JU
 Sample : PB150875BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150875BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2023
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:57:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	12575	20.000	ng	0.00
21) Naphthalene-d8	11.279	136	53366	20.000	ng	0.00
39) Acenaphthene-d10	15.039	164	43598	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	111380	20.000	ng	# 0.00
76) Chrysene-d12	22.090	240	103230	20.000	ng	-0.01
86) Perylene-d12	25.633	264	117161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.938	112	127849	165.423	ng	0.00
7) Phenol-d6	7.560	99	181851	159.290	ng	0.00
23) Nitrobenzene-d5	9.611	82	102923	98.748	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	93434	156.530	ng	0.00
45) 2-Fluorobiphenyl	13.671	172	286122	87.879	ng	0.00
79) Terphenyl-d14	20.345	244	626878	99.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.753	88	12859	37.951	ng	96
3) Pyridine	4.170	79	38690	36.099	ng	93
4) n-Nitrosodimethylamine	4.076	42	22252	44.542	ng	89
6) Aniline	7.742	93	56972	35.908	ng	93
8) 2-Chlorophenol	7.989	128	42511	55.593	ng	94
9) Benzaldehyde	7.554	77	28888	47.848	ng	87
10) Phenol	7.584	94	63175	54.097	ng	98
11) bis(2-Chloroethyl)ether	7.836	93	39999	45.649	ng	99
12) 1,3-Dichlorobenzene	8.324	146	43789	48.063	ng	95
13) 1,4-Dichlorobenzene	8.471	146	45342	49.417	ng	95
14) 1,2-Dichlorobenzene	8.800	146	44037	49.932	ng	99
15) Benzyl Alcohol	8.665	79	52451	51.310	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.953	45	54026	45.926	ng	97
17) 2-Methylphenol	8.858	107	41373	50.413	ng	98
18) Hexachloroethane	9.540	117	15186	52.249	ng	91
19) n-Nitroso-di-n-propyla...	9.235	70	40875	47.826	ng	96
20) 3+4-Methylphenols	9.188	107	55675	49.385	ng	91
22) Acetophenone	9.264	105	72310	44.346	ng	# 98
24) Nitrobenzene	9.652	77	54406	44.993	ng	94
25) Isophorone	10.175	82	111807	44.077	ng	99
26) 2-Nitrophenol	10.368	139	21332	49.706	ng	93
27) 2,4-Dimethylphenol	10.410	122	48155	49.102	ng	99
28) bis(2-Chloroethoxy)met...	10.651	93	57760	44.680	ng	98
29) 2,4-Dichlorophenol	10.903	162	51343	52.823	ng	98
30) 1,2,4-Trichlorobenzene	11.132	180	52071	44.972	ng	92
31) Naphthalene	11.326	128	130543	44.137	ng	98
32) Benzoic acid	10.515	122	32425m	51.298	ng	
33) 4-Chloroaniline	11.420	127	28613	21.175	ng	94
34) Hexachlorobutadiene	11.602	225	37192	44.948	ng	94
35) Caprolactam	12.178	113	16901m	54.062	ng	
36) 4-Chloro-3-methylphenol	12.501	107	56603	52.807	ng	98
37) 2-Methylnaphthalene	12.901	142	101186	43.329	ng	97
38) 1-Methylnaphthalene	13.112	142	95649	43.893	ng	96
40) 1,2,4,5-Tetrachloroben...	13.253	216	71821	44.314	ng	97
41) Hexachlorocyclopentadiene	13.236	237	96540	109.822	ng	96
43) 2,4,6-Trichlorophenol	13.477	196	50547	51.403	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056647.D
 Acq On : 16 Feb 2023 00:45
 Operator : CG/JU
 Sample : PB150875BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150875BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2023
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:57:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.547	196	57090	48.441	ng	98
46) 1,1'-Biphenyl	13.882	154	145855	44.163	ng	97
47) 2-Chloronaphthalene	13.929	162	117408	44.924	ng	99
48) 2-Nitroaniline	14.117	65	35581	46.874	ng	87
49) Acenaphthylene	14.769	152	189592	44.646	ng	98
50) Dimethylphthalate	14.481	163	169663	47.075	ng	99
51) 2,6-Dinitrotoluene	14.599	165	32488	46.387	ng	92
52) Acenaphthene	15.104	154	129405	49.402	ng	99
53) 3-Nitroaniline	14.928	138	20689	29.573	ng	# 94
54) 2,4-Dinitrophenol	15.128	184	40534	97.350	ng	# 65
55) Dibenzofuran	15.433	168	192259	43.445	ng	98
56) 4-Nitrophenol	15.210	139	55592	103.714	ng	84
57) 2,4-Dinitrotoluene	15.380	165	45530	51.799	ng	# 91
58) Fluorene	16.079	166	157539	45.025	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.651	232	55225	53.465	ng	93
60) Diethylphthalate	15.827	149	167958	46.199	ng	99
61) 4-Chlorophenyl-phenyle...	16.062	204	96013	44.917	ng	99
62) 4-Nitroaniline	16.085	138	33144	45.457	ng	85
63) Azobenzene	16.356	77	162857	44.759	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	26508	46.087	ng	97
66) n-Nitrosodiphenylamine	16.273	169	149402	46.109	ng	98
67) 4-Bromophenyl-phenylether	16.955	248	65062	45.498	ng	95
68) Hexachlorobenzene	17.078	284	71711	49.221	ng	98
69) Atrazine	17.202	200	62833	50.500	ng	98
70) Pentachlorophenol	17.413	266	88325	91.543	ng	96
71) Phenanthrene	17.819	178	284580	46.963	ng	98
72) Anthracene	17.907	178	291674	47.041	ng	98
73) Carbazole	18.171	167	251035	46.966	ng	97
74) Di-n-butylphthalate	18.700	149	283463	47.389	ng	99
75) Fluoranthene	19.799	202	366446	45.831	ng	100
77) Benzidine	19.963	184	130362	52.799	ng	99
78) Pyrene	20.163	202	368648	47.286	ng	99
80) Butylbenzylphthalate	21.027	149	117541	50.207	ng	98
81) Benzo(a)anthracene	22.072	228	362629	47.236	ng	99
82) 3,3'-Dichlorobenzidine	21.967	252	74849	30.051	ng	97
83) Chrysene	22.143	228	335639	46.767	ng	98
84) Bis(2-ethylhexyl)phtha...	21.943	149	173713	49.518	ng	99
85) Di-n-octyl phthalate	23.271	149	296770	50.897	ng	100
87) Indeno(1,2,3-cd)pyrene	29.734	276	450200	49.064	ng	# 99
88) Benzo(b)fluoranthene	24.505	252	378518	49.452	ng	100
89) Benzo(k)fluoranthene	24.581	252	362209	48.121	ng	97
90) Benzo(a)pyrene	25.468	252	331304	45.030	ng	99
91) Dibenzo(a,h)anthracene	29.805	278	369132	48.573	ng	# 96
92) Benzo(g,h,i)perylene	31.015	276	359773	48.450	ng	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056647.D
Acq On : 16 Feb 2023 00:45
Operator : CG/JU
Sample : PB150875BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

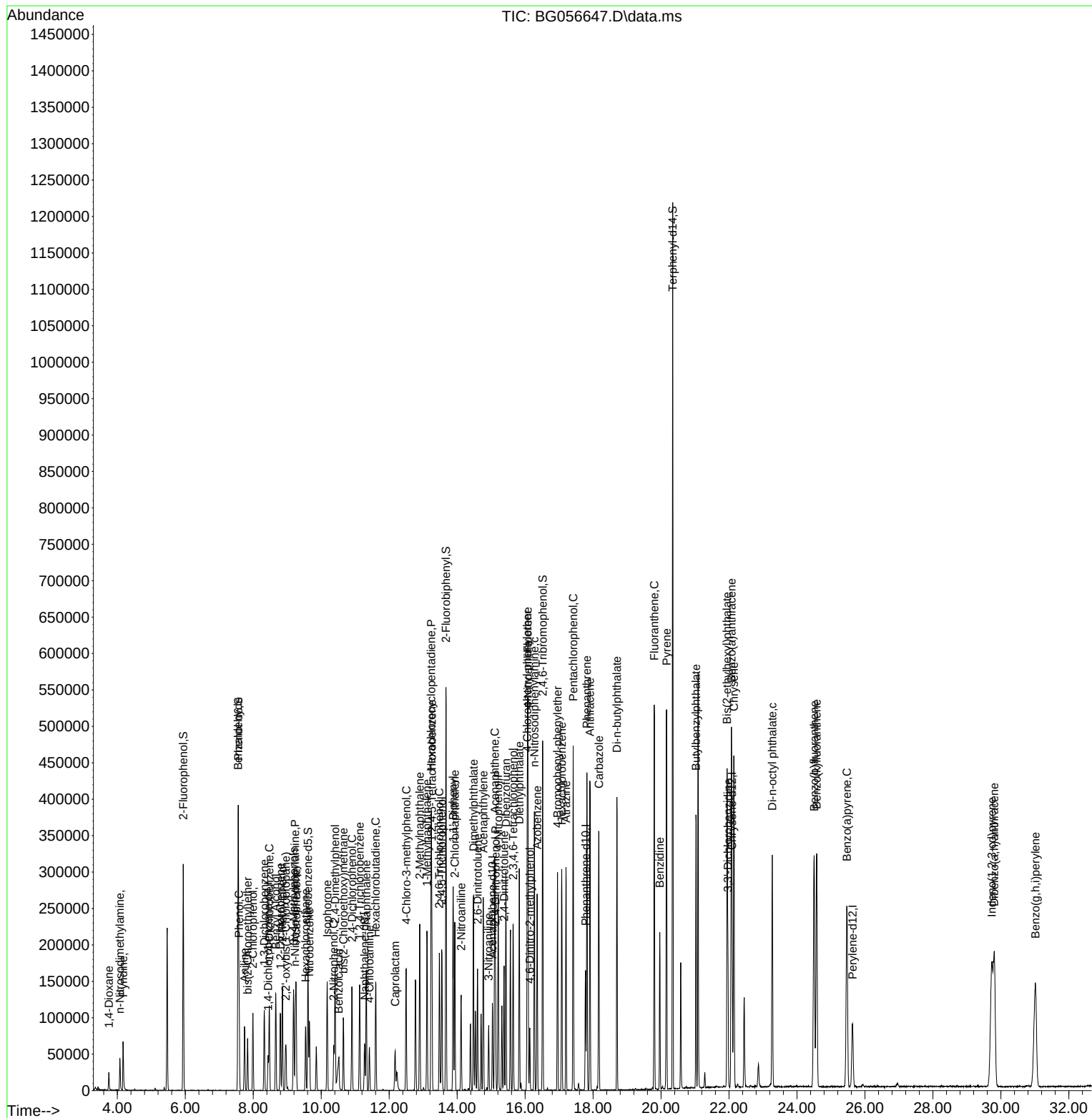
PB150875BS

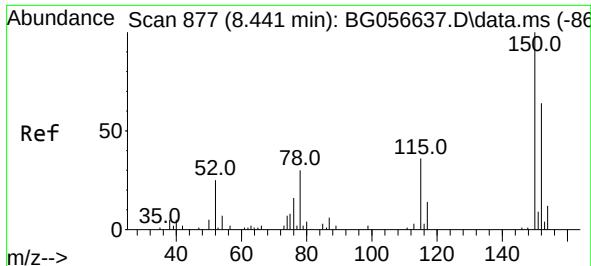
Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/16/2023
Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:57:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration





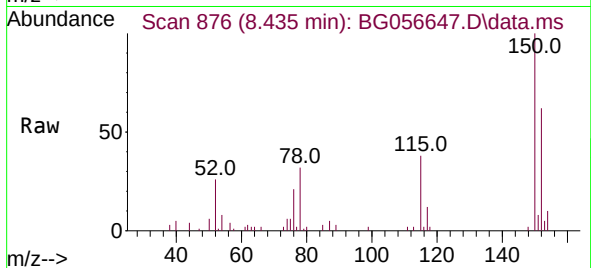
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

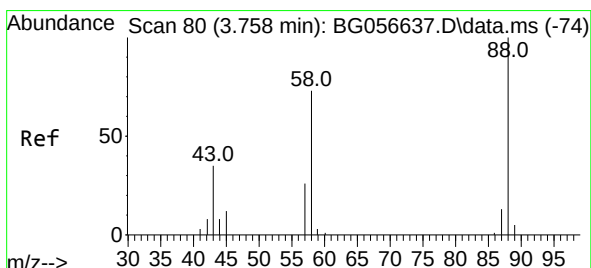
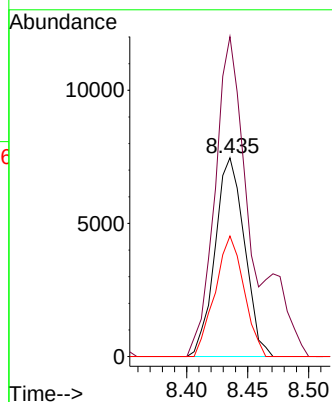
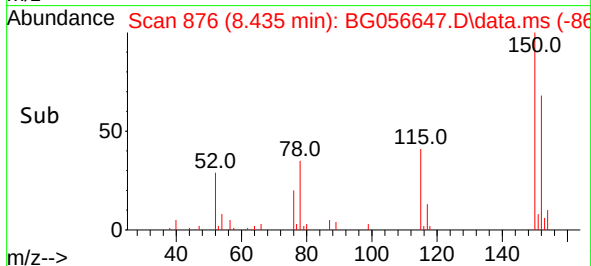


Tgt Ion:152 Resp: 12579
Ion Ratio Lower Upper
152 100
150 161.0 124.8 187.2
115 60.6 44.7 67.1

Manual Integrations

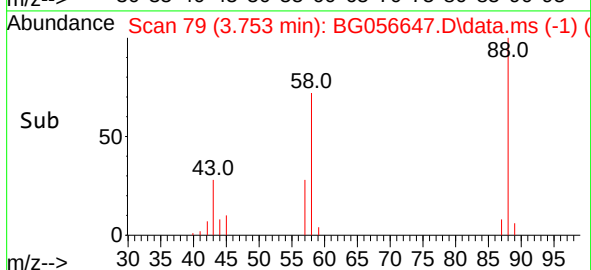
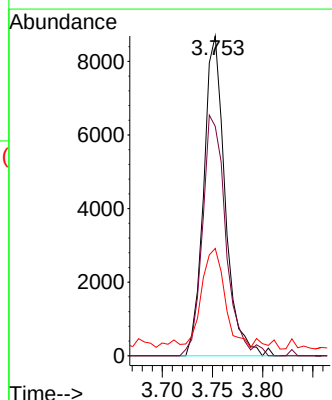
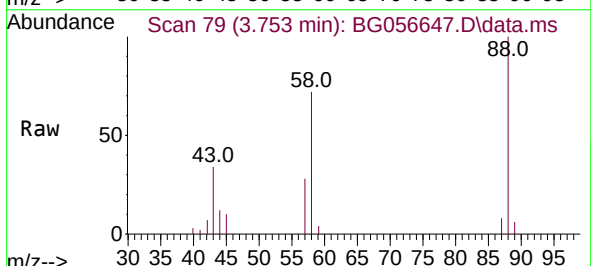
APPROVED

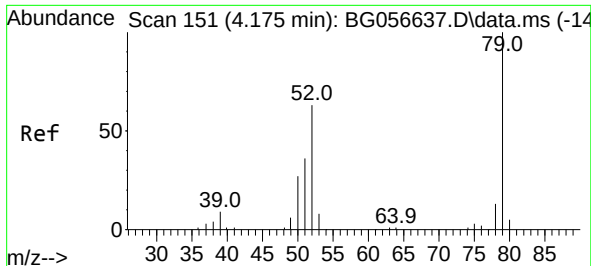
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#2
1,4-Dioxane
Concen: 37.951 ng
RT: 3.753 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion: 88 Resp: 12859
Ion Ratio Lower Upper
88 100
58 82.1 62.2 93.2
43 33.5 26.6 40.0





#3
Pyridine
Concen: 36.099 ng
RT: 4.170 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

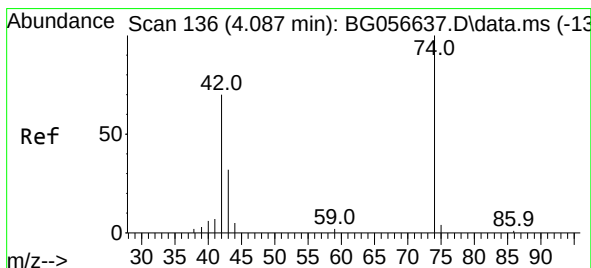
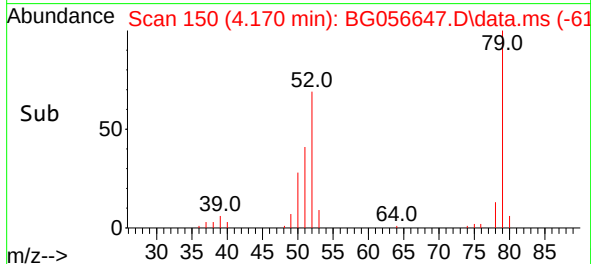
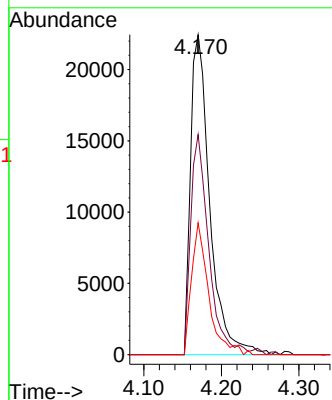
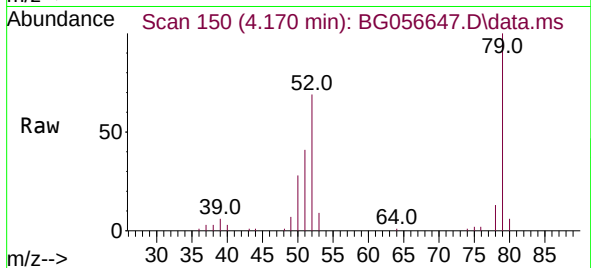
PB150875BS

Tgt Ion: 79 Resp: 38690
Ion Ratio Lower Upper
79 100
52 68.8 50.8 76.2
51 41.2 29.1 43.7

Manual Integrations

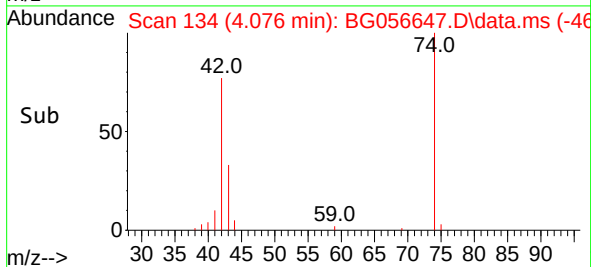
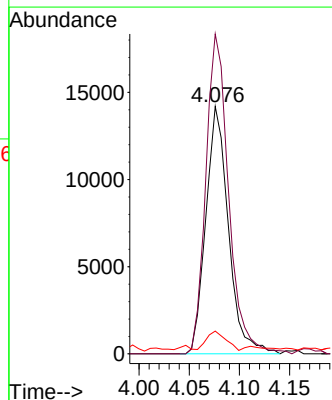
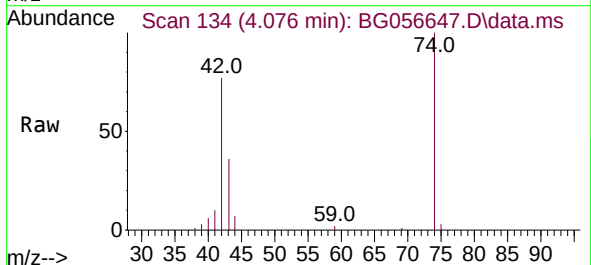
APPROVED

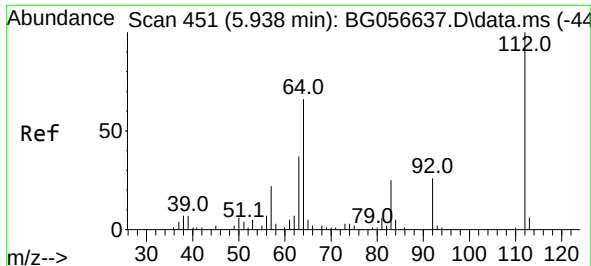
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#4
n-Nitrosodimethylamine
Concen: 44.542 ng
RT: 4.076 min Scan# 134
Delta R.T. -0.011 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion: 42 Resp: 22252
Ion Ratio Lower Upper
42 100
74 129.4 114.5 171.7
44 9.2 7.2 10.8





#5
2-Fluorophenol
Concen: 165.423 ng
RT: 5.938 min Scan# 451
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

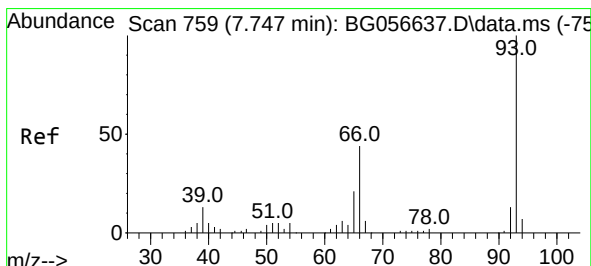
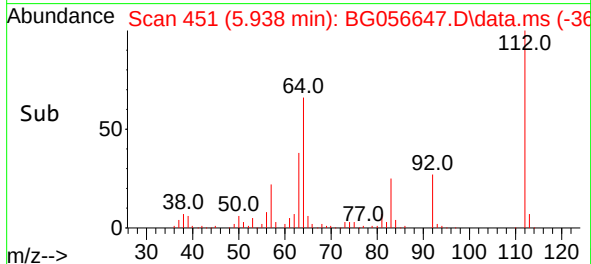
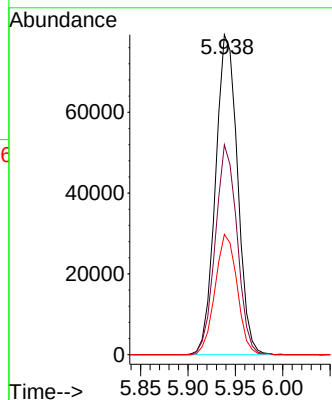
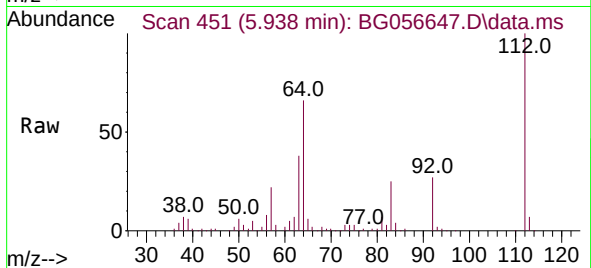
PB150875BS

Tgt Ion:112 Resp: 127849
Ion Ratio Lower Upper
112 100
64 65.6 52.6 78.8
63 37.6 29.8 44.6

Manual Integrations

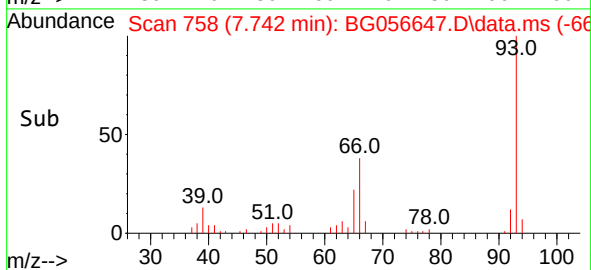
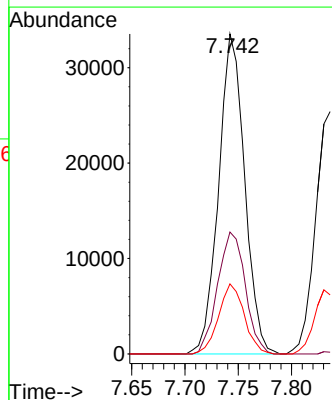
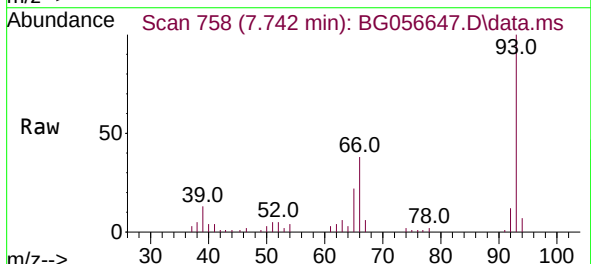
APPROVED

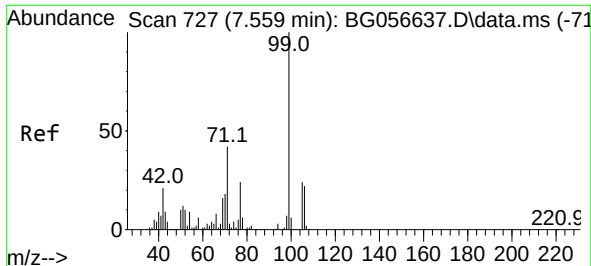
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#6
Aniline
Concen: 35.908 ng
RT: 7.742 min Scan# 758
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

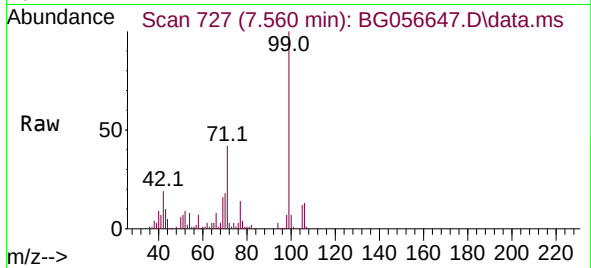
Tgt Ion: 93 Resp: 56972
Ion Ratio Lower Upper
93 100
66 38.1 35.0 52.4
65 21.9 16.5 24.7





#7
Phenol-d6
Concen: 159.290 ng
RT: 7.560 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

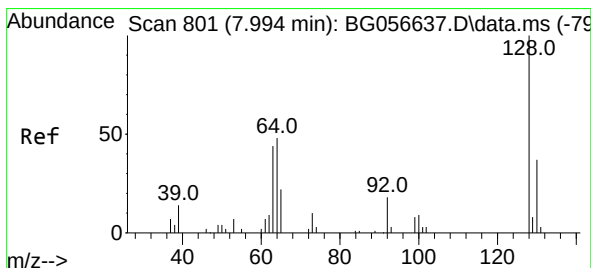
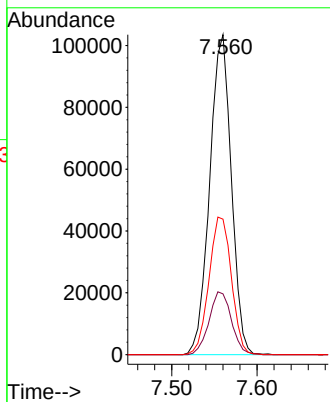
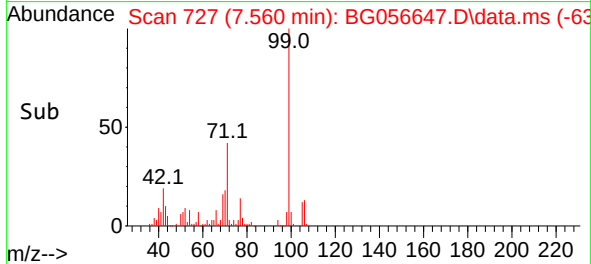
Instrument :
BNA_G
ClientSampleId :
PB150875BS



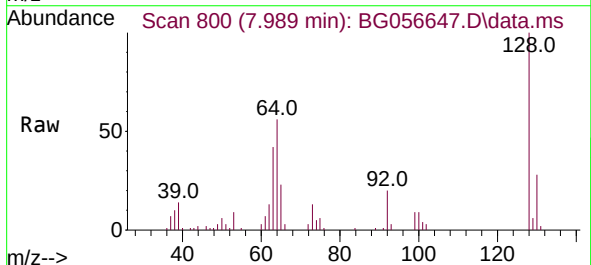
Tgt Ion: 99 Resp: 18185
Ion Ratio Lower Upper
99 100
42 19.0 16.8 25.2
71 42.3 33.9 50.9

Manual Integrations
APPROVED

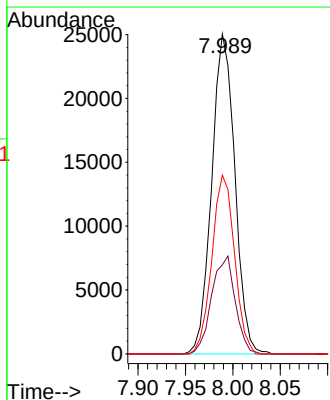
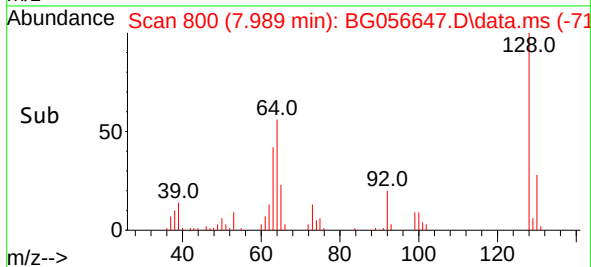
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

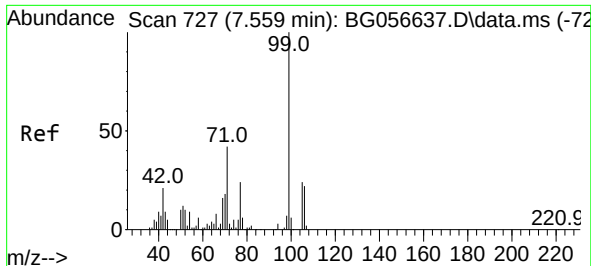


#8
2-Chlorophenol
Concen: 55.593 ng
RT: 7.989 min Scan# 800
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



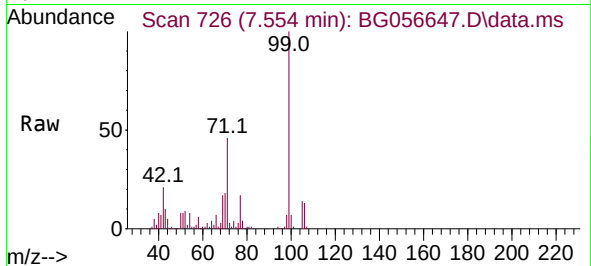
Tgt Ion:128 Resp: 42511
Ion Ratio Lower Upper
128 100
130 27.8 16.8 56.8
64 55.9 36.3 76.3





#9
Benzaldehyde
Concen: 47.848 ng
RT: 7.554 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

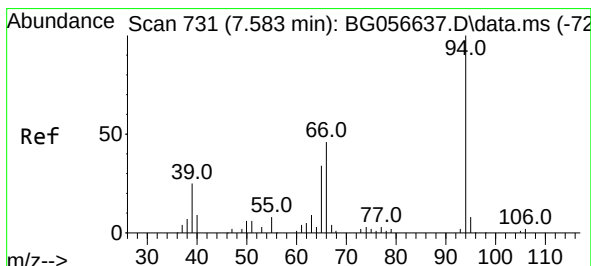
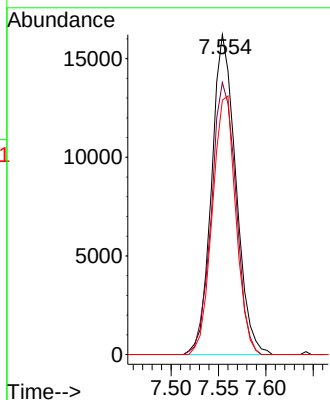
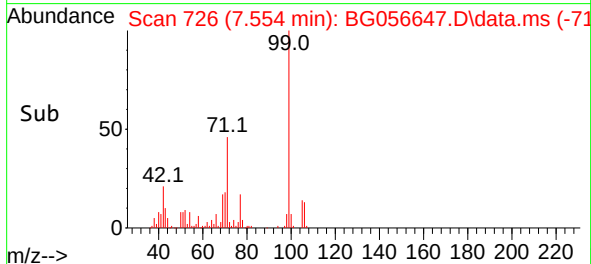
Instrument :
BNA_G
ClientSampleId :
PB150875BS



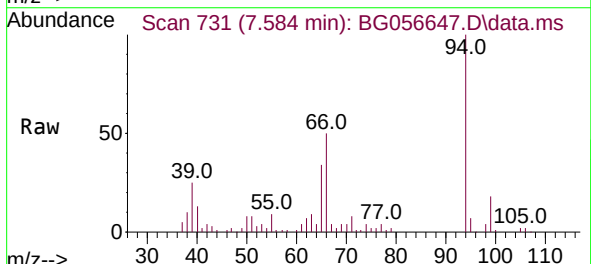
Tgt Ion: 77 Resp: 2888
Ion Ratio Lower Upper
77 100
105 85.0 78.4 118.4
106 79.5 71.3 111.3

Manual Integrations
APPROVED

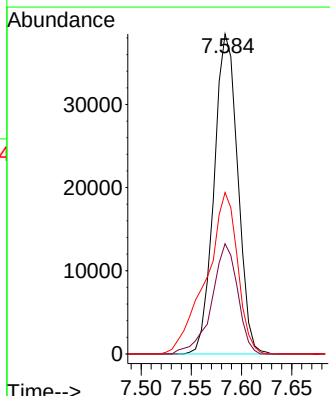
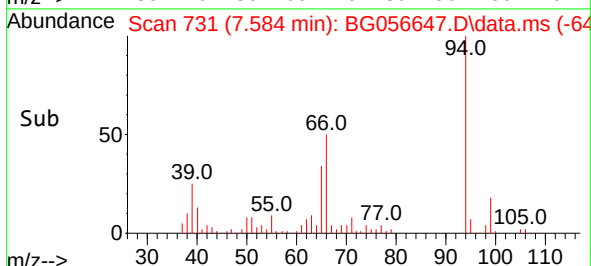
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

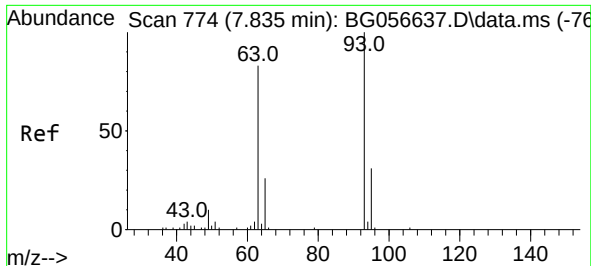


#10
Phenol
Concen: 54.097 ng
RT: 7.584 min Scan# 731
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion: 94 Resp: 63175
Ion Ratio Lower Upper
94 100
65 34.4 14.2 54.2
66 50.4 27.9 67.9





#11

bis(2-Chloroethyl)ether

Concen: 45.649 ng

RT: 7.836 min Scan# 71

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

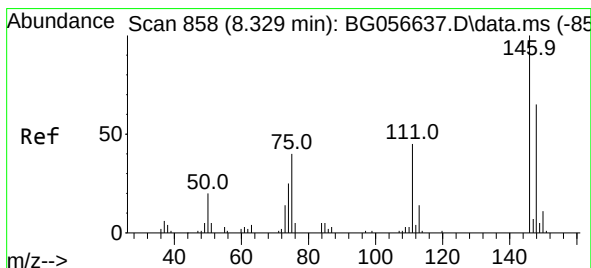
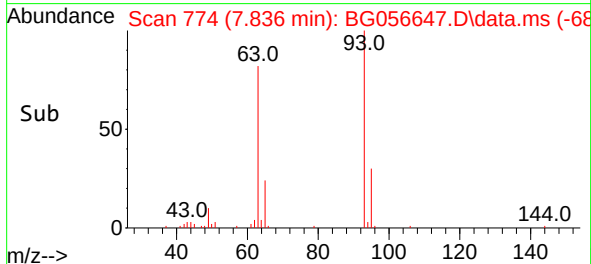
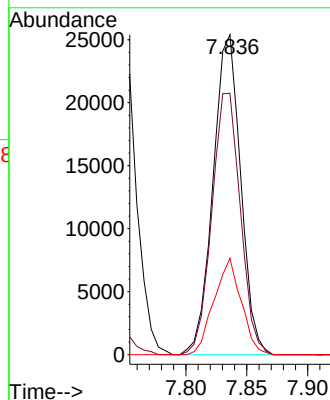
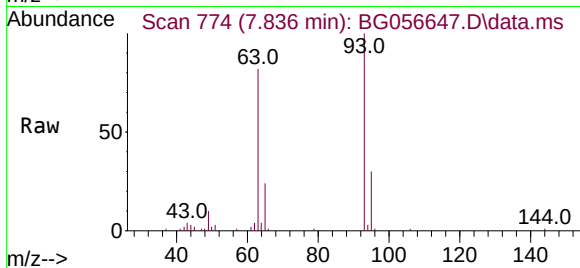
PB150875BS

Tgt Ion:	93	Resp:	39999
Ion	Ratio	Lower	Upper
93	100		
63	81.7	62.8	102.8
95	30.1	10.8	50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#12

1,3-Dichlorobenzene

Concen: 48.063 ng

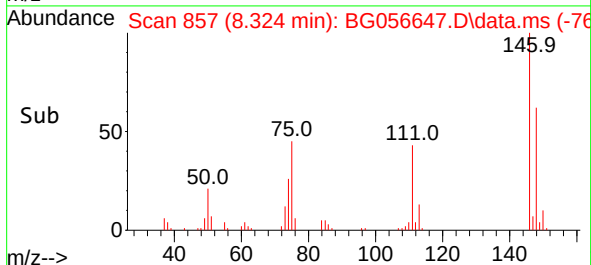
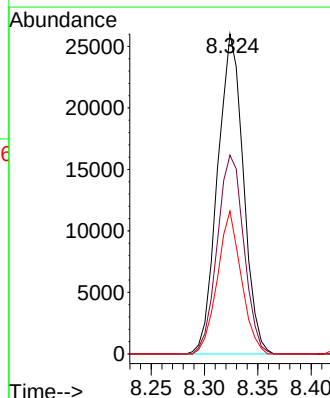
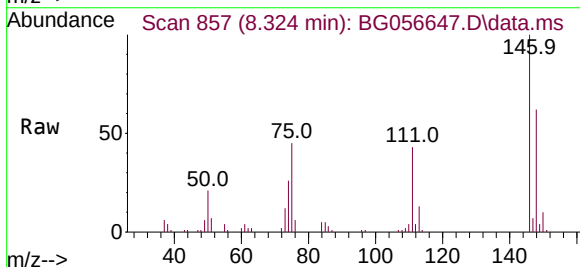
RT: 8.324 min Scan# 857

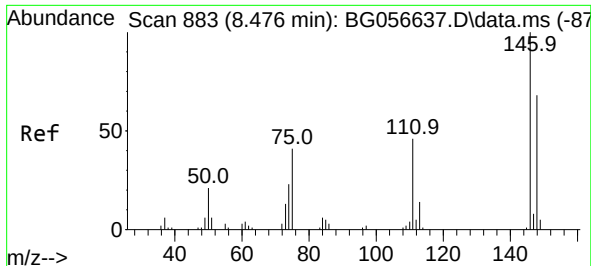
Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Tgt Ion:	146	Resp:	43789
Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	44.6	31.8	47.6





#13

1,4-Dichlorobenzene

Concen: 49.417 ng

RT: 8.471 min Scan# 883

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

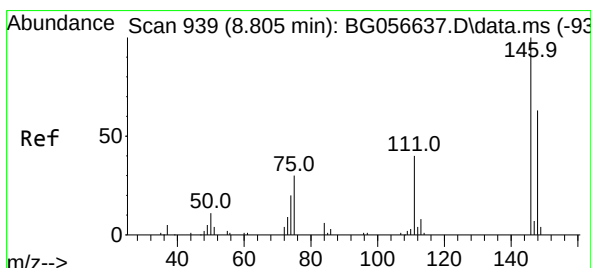
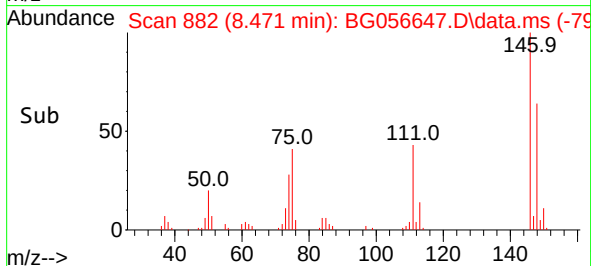
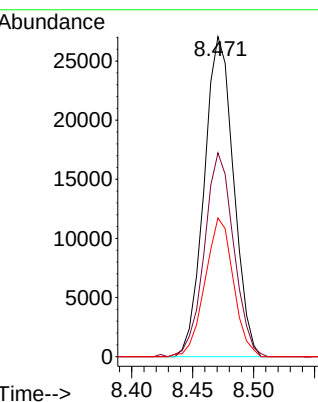
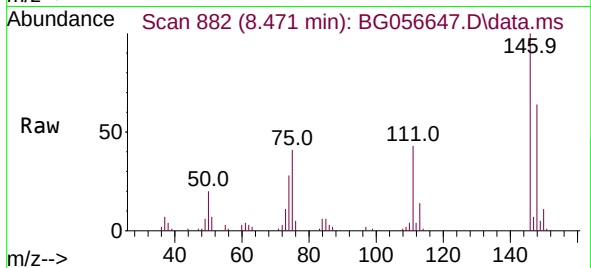
Tgt Ion:146 Resp: 45342

Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.5	81.7
111	43.3	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#14

1,2-Dichlorobenzene

Concen: 49.932 ng

RT: 8.800 min Scan# 938

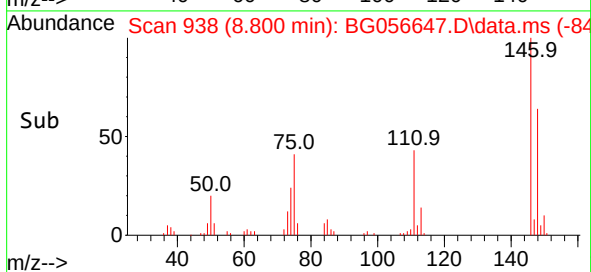
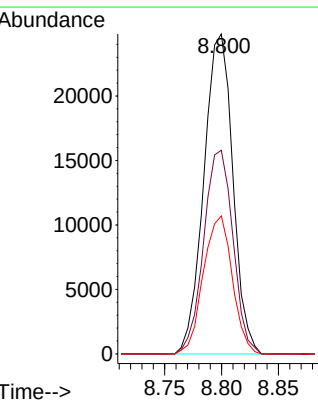
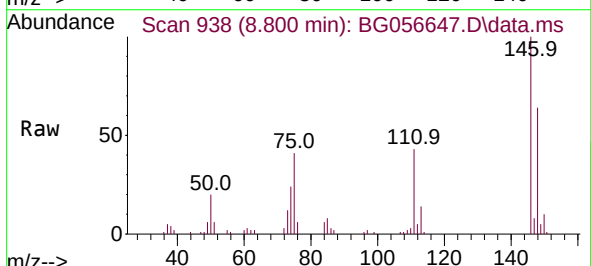
Delta R.T. -0.005 min

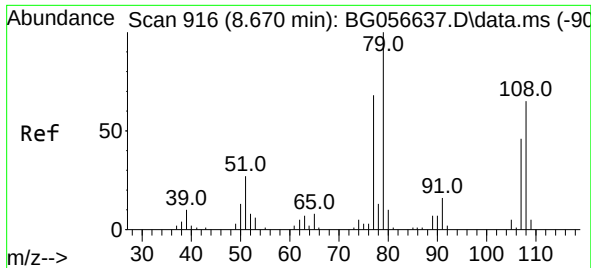
Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Tgt Ion:146 Resp: 44037

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	43.1	33.8	50.6





#15
Benzyl Alcohol
Concen: 51.310 ng
RT: 8.665 min Scan# 915
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

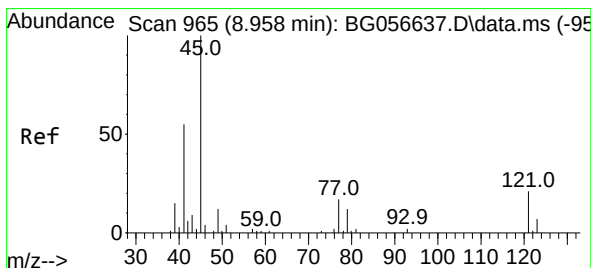
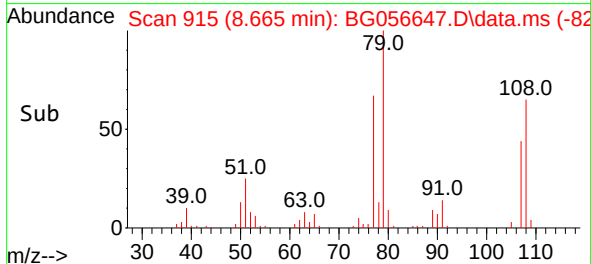
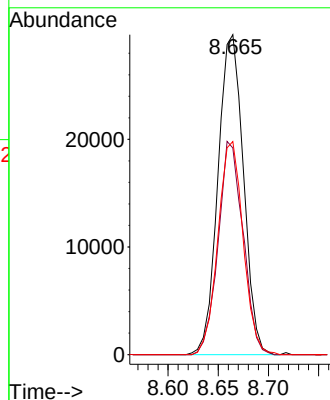
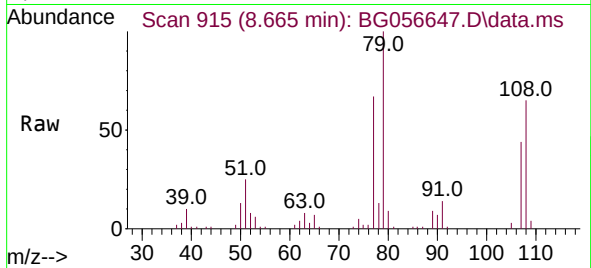
ClientSampleId :

PB150875BS

Tgt Ion: 79 Resp: 5245
Ion Ratio Lower Upper
79 100
108 64.6 52.0 78.0
77 66.6 54.2 81.2

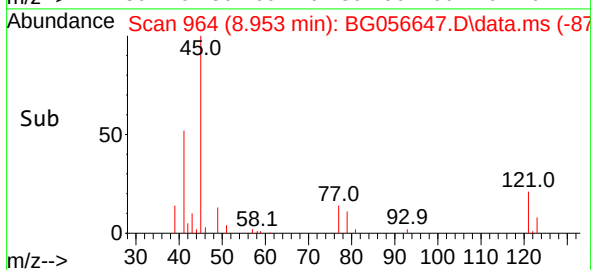
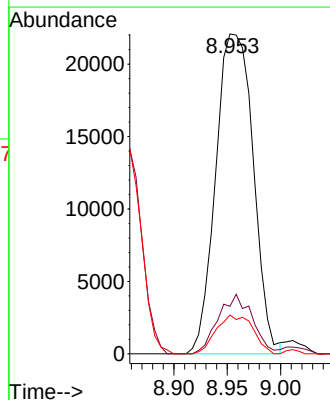
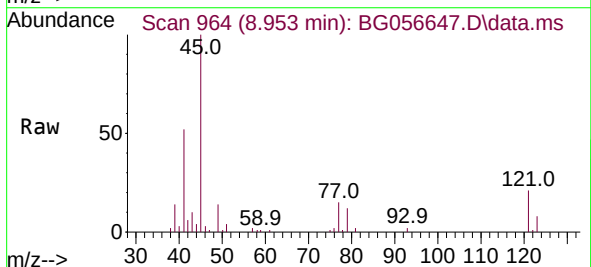
Manual Integrations
APPROVED

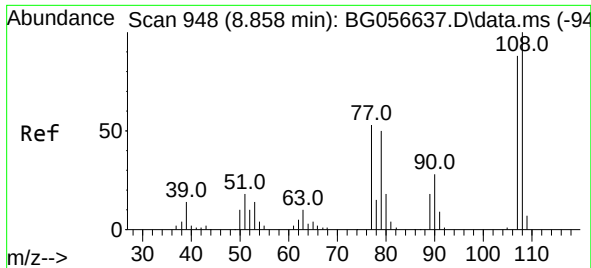
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.926 ng
RT: 8.953 min Scan# 964
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

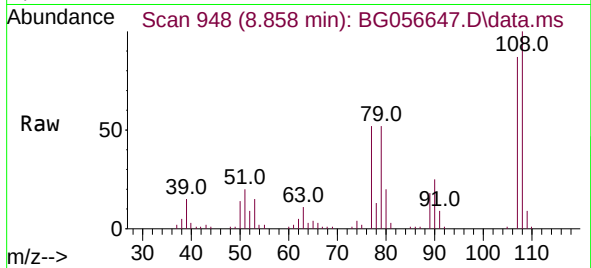
Tgt Ion: 45 Resp: 54026
Ion Ratio Lower Upper
45 100
77 14.9 0.0 36.5
79 12.1 0.0 31.6





#17
2-Methylphenol
Concen: 50.413 ng
RT: 8.858 min Scan# 94
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

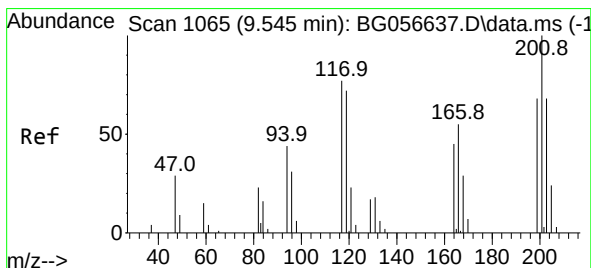
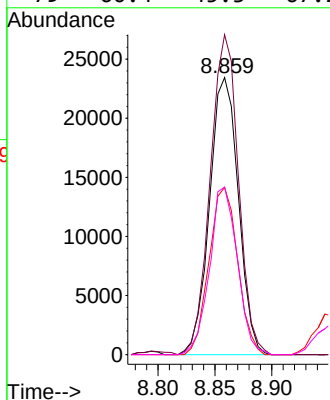
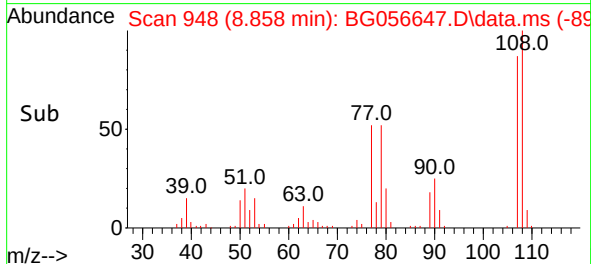
Instrument :
BNA_G
ClientSampleId :
PB150875BS



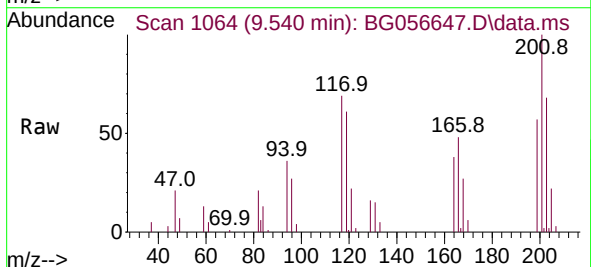
Tgt Ion:107 Resp: 41373
Ion Ratio Lower Upper
107 100
108 115.5 91.3 136.9
77 60.4 48.5 72.7
79 60.4 45.3 67.9

Manual Integrations
APPROVED

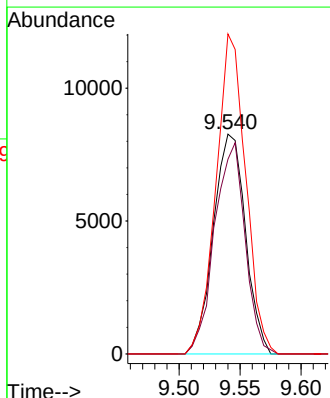
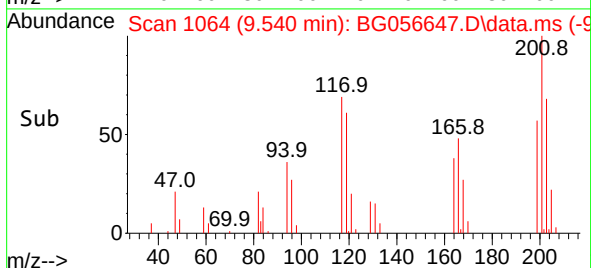
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

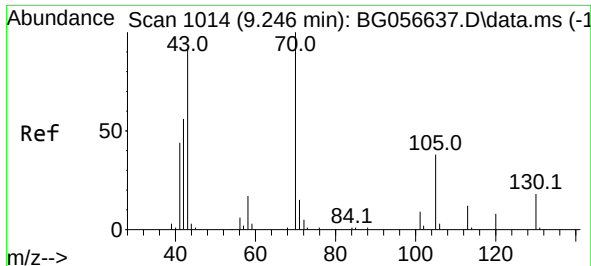


#18
Hexachloroethane
Concen: 52.249 ng
RT: 9.540 min Scan# 1064
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:117 Resp: 15186
Ion Ratio Lower Upper
117 100
119 88.6 74.1 111.1
201 147.9 106.4 159.6





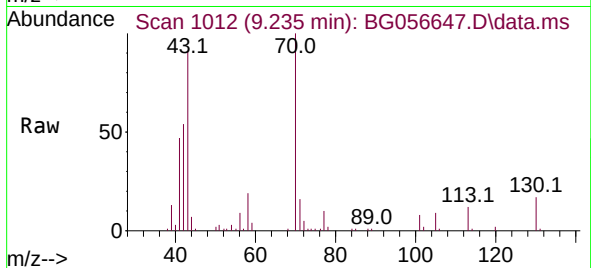
#19
n-Nitroso-di-n-propylamine
Concen: 47.826 ng
RT: 9.235 min Scan# 1014
Delta R.T. -0.011 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

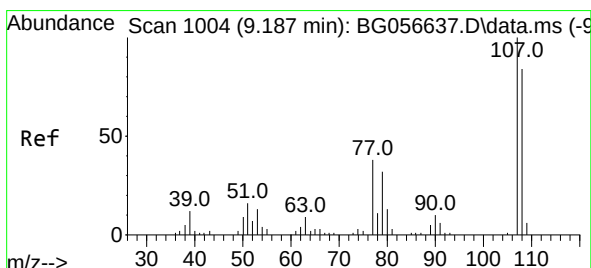
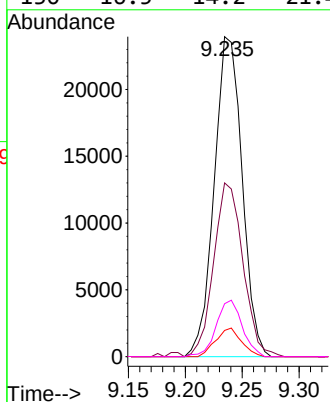
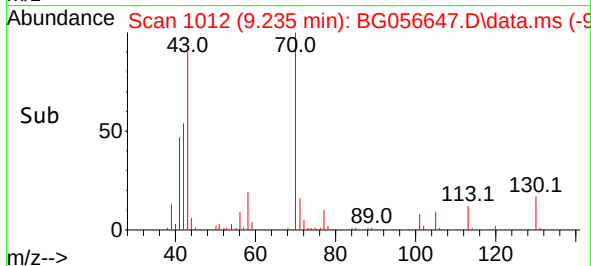


Tgt Ion: 70 Resp: 40875
Ion Ratio Lower Upper
70 100
42 54.3 45.7 68.5
101 8.2 7.4 11.0
130 16.5 14.2 21.4

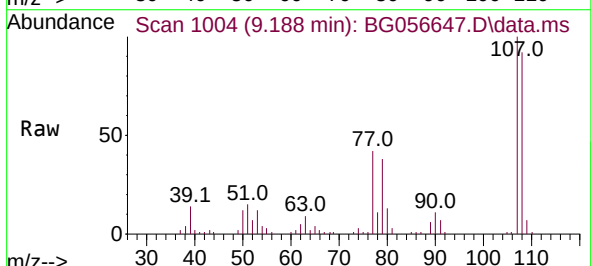
Manual Integrations

APPROVED

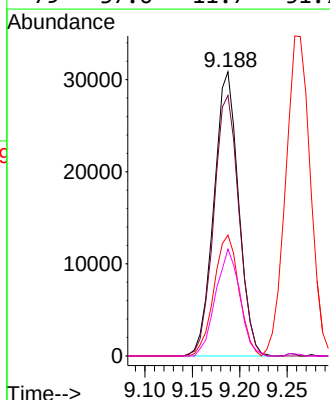
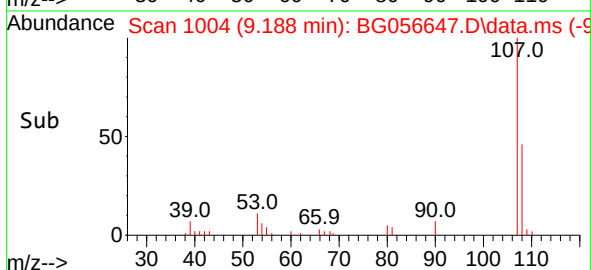
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

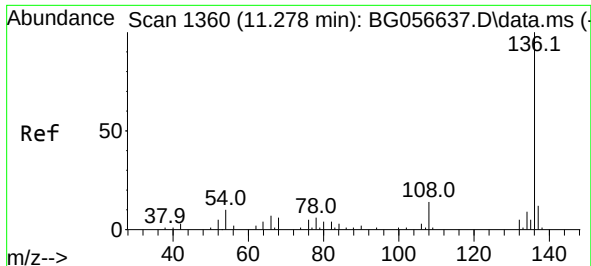


#20
3+4-Methylphenols
Concen: 49.385 ng
RT: 9.188 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:107 Resp: 55675
Ion Ratio Lower Upper
107 100
108 91.7 64.3 104.3
77 42.5 17.8 57.8
79 37.6 11.7 51.7





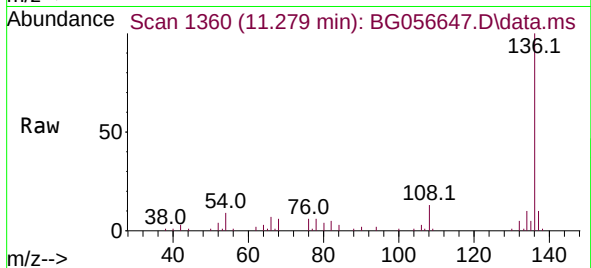
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.279 min Scan# 1360
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

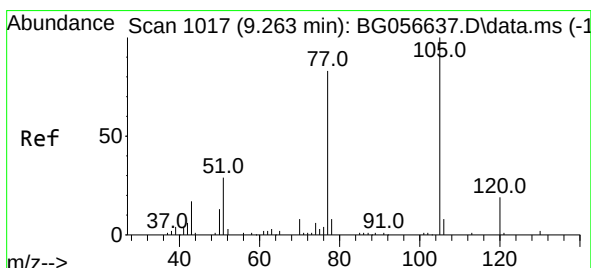
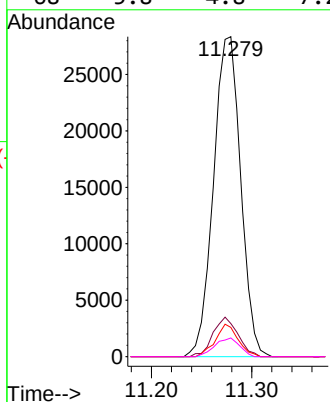
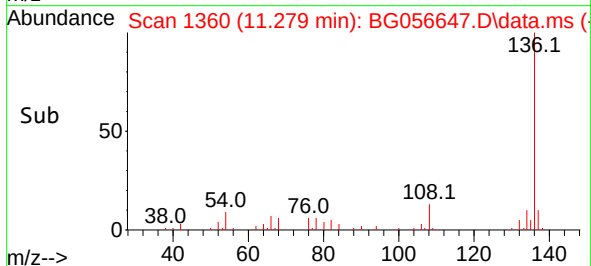


Tgt Ion:136 Resp: 53366
Ion Ratio Lower Upper
136 100
137 10.3 9.7 14.5
54 9.2 7.7 11.5
68 5.8 4.8 7.2

Manual Integrations

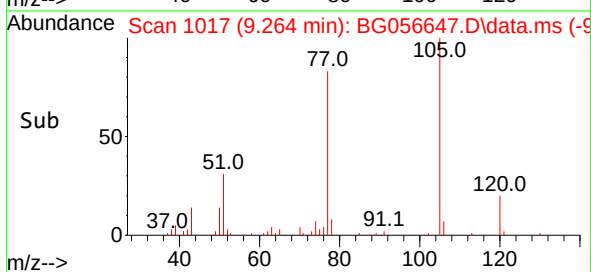
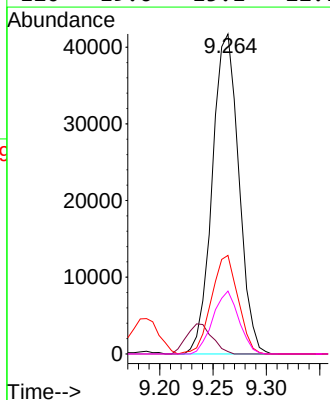
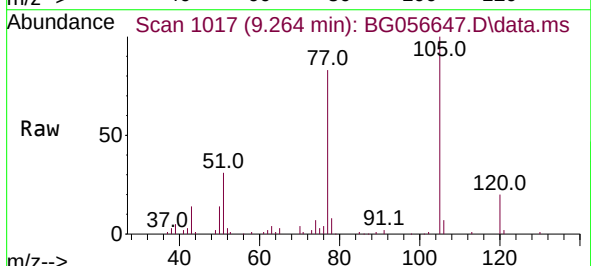
APPROVED

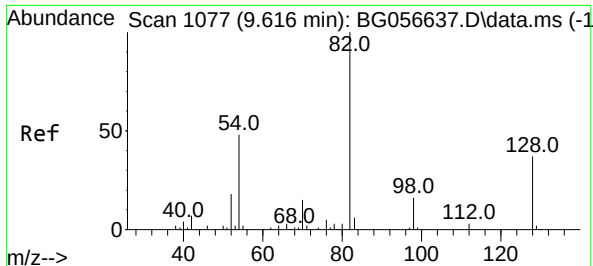
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#22
Acetophenone
Concen: 44.346 ng
RT: 9.264 min Scan# 1017
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:105 Resp: 72310
Ion Ratio Lower Upper
105 100
71 0.7 1.4 2.0#
51 30.8 23.9 35.9
120 19.6 15.1 22.7





#23

Nitrobenzene-d5

Concen: 98.748 ng

RT: 9.611 min Scan# 1076

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

Tgt Ion: 82 Resp: 102923

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

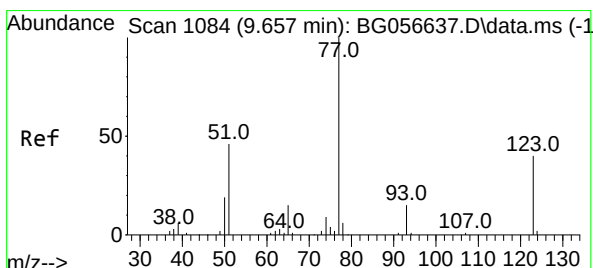
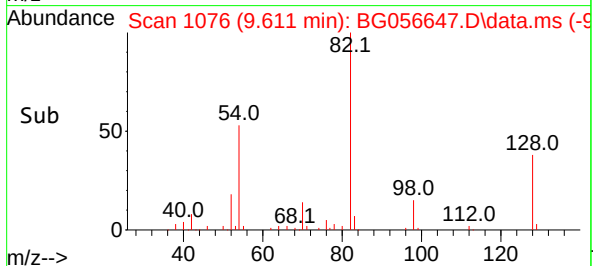
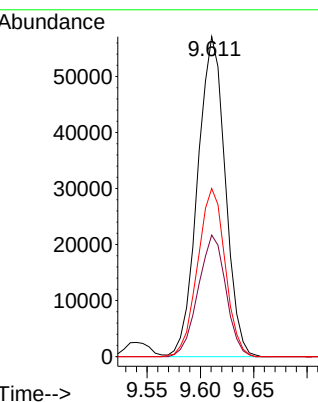
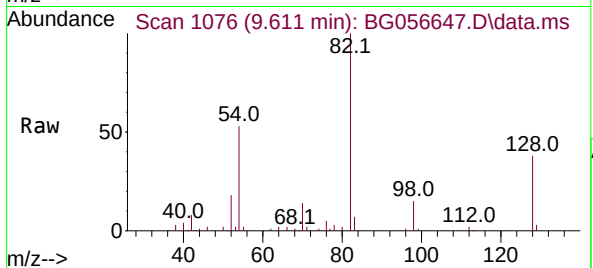
54 52.5 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#24

Nitrobenzene

Concen: 44.993 ng

RT: 9.652 min Scan# 1083

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

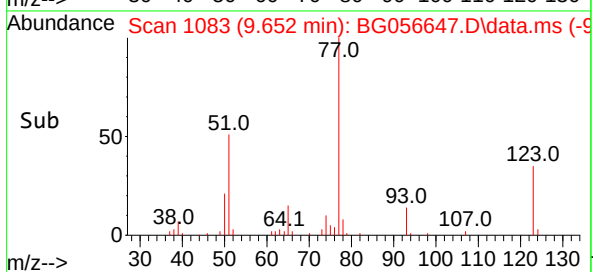
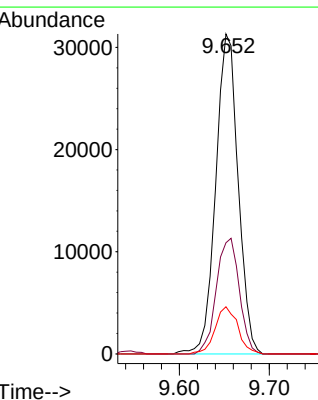
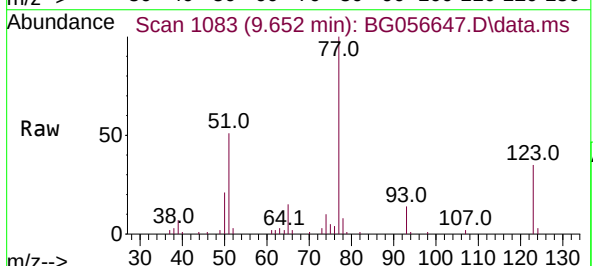
Tgt Ion: 77 Resp: 54406

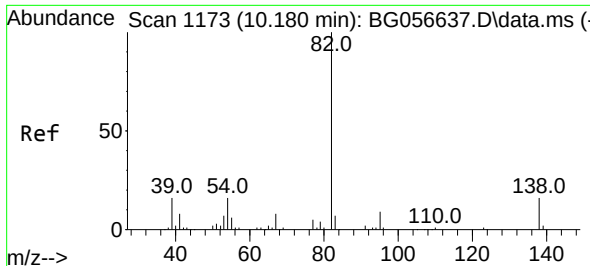
Ion Ratio Lower Upper

77 100

123 34.7 31.8 47.8

65 14.7 12.0 18.0





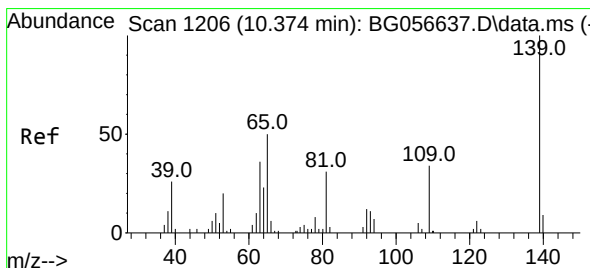
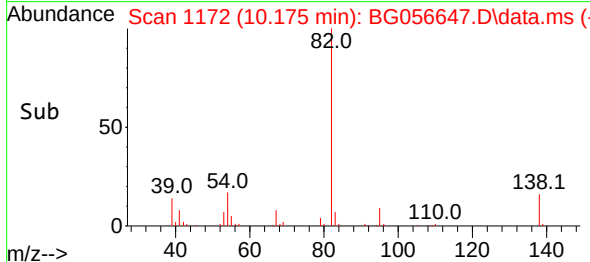
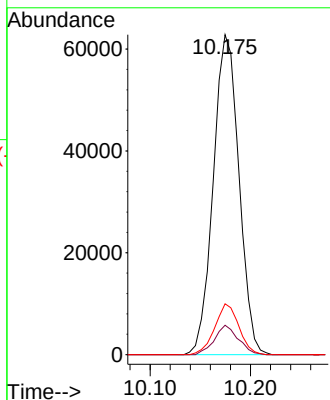
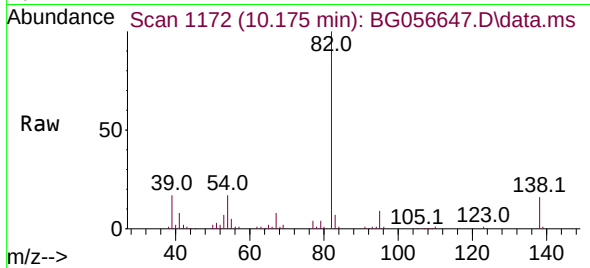
#25
Isophorone
Concen: 44.077 ng
RT: 10.175 min Scan# 11180
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :
BNA_G
ClientSampleId :
PB150875BS

Tgt Ion: 82 Resp: 11180
Ion Ratio Lower Upper
82 100
95 9.2 7.0 10.4
138 15.9 12.9 19.3

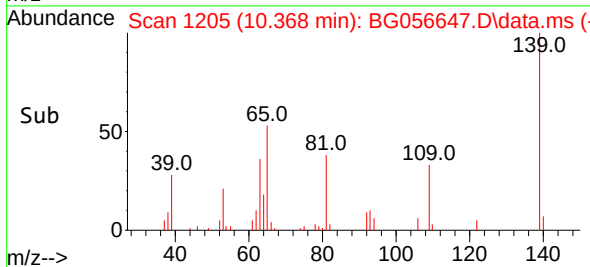
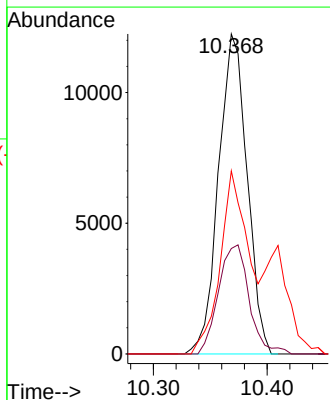
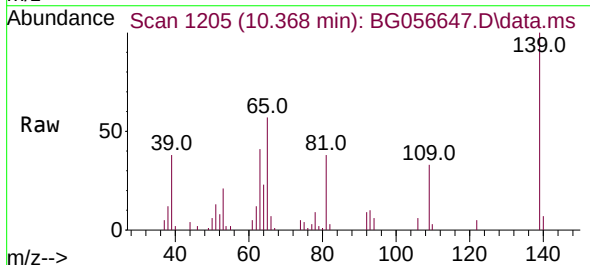
Manual Integrations
APPROVED

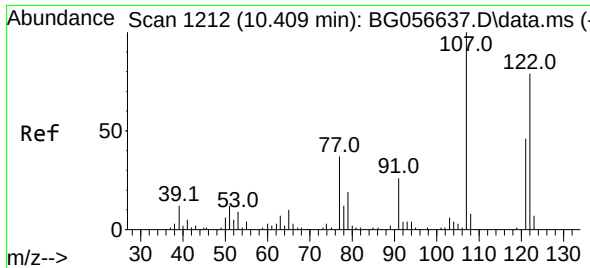
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#26
2-Nitrophenol
Concen: 49.706 ng
RT: 10.368 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:139 Resp: 21332
Ion Ratio Lower Upper
139 100
109 32.9 27.0 40.6
65 57.2 40.0 60.0





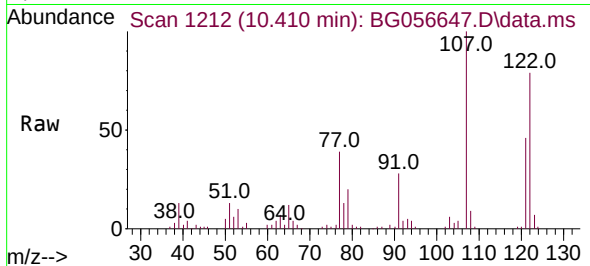
#27
2,4-Dimethylphenol
Concen: 49.102 ng
RT: 10.410 min Scan# 1212
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

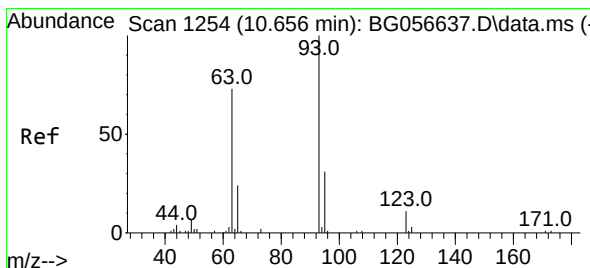
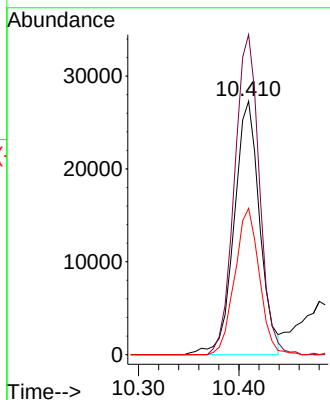
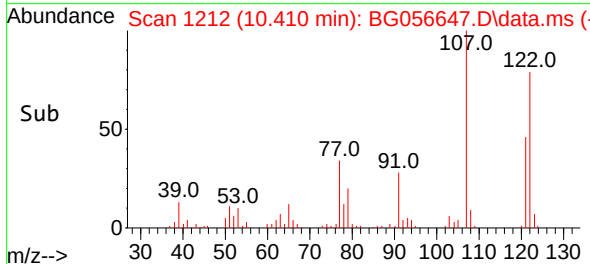


Tgt Ion:122 Resp: 4815
Ion Ratio Lower Upper
122 100
107 126.3 101.6 152.4
121 57.8 47.2 70.8

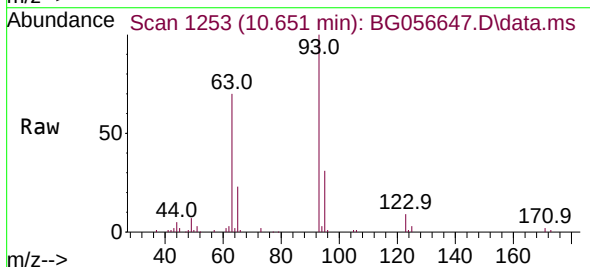
Manual Integrations

APPROVED

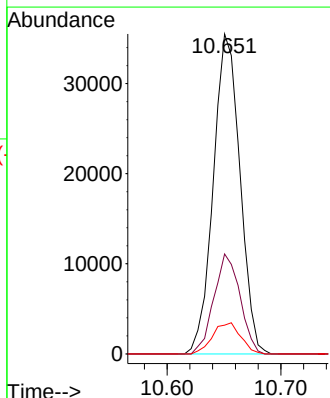
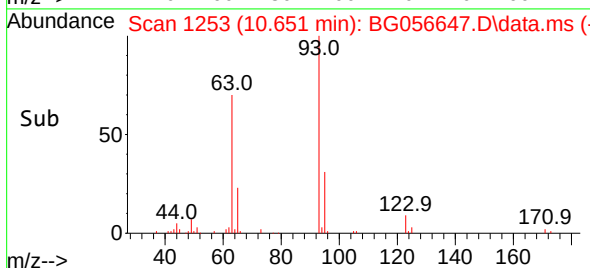
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

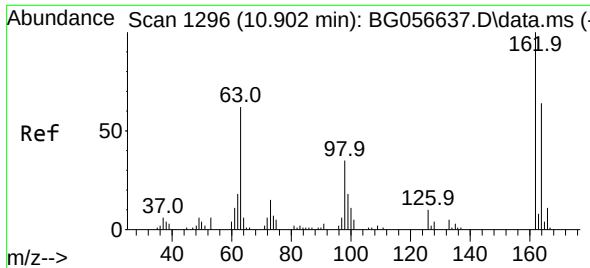


#28
bis(2-Chloroethoxy)methane
Concen: 44.680 ng
RT: 10.651 min Scan# 1253
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion: 93 Resp: 57760
Ion Ratio Lower Upper
93 100
95 31.2 24.5 36.7
123 9.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 52.823 ng

RT: 10.903 min Scan# 1296

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

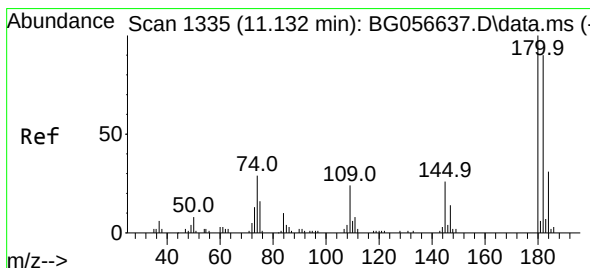
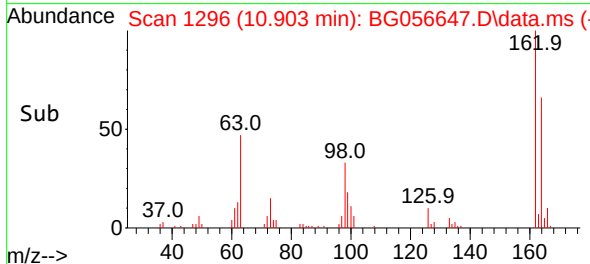
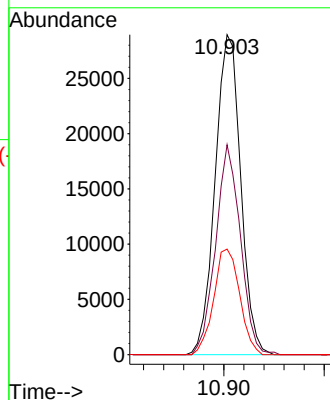
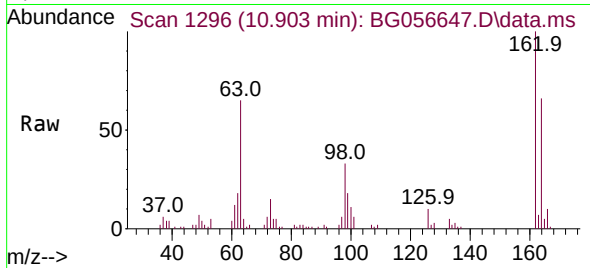
Tgt Ion:162	Resp:	5134
Ion Ratio	Lower	Upper
162	100	
164	65.6	44.1 84.1
98	33.0	14.8 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.972 ng

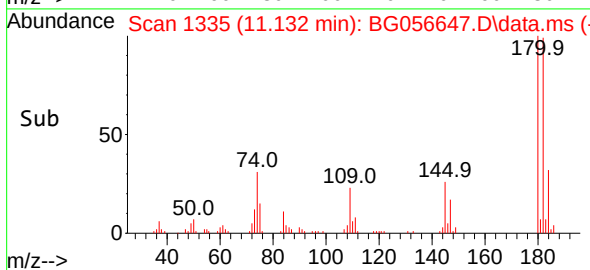
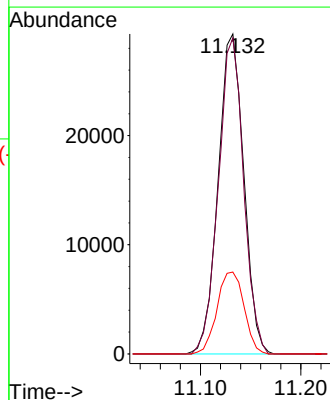
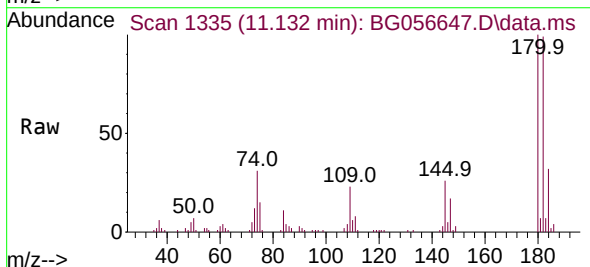
RT: 11.132 min Scan# 1335

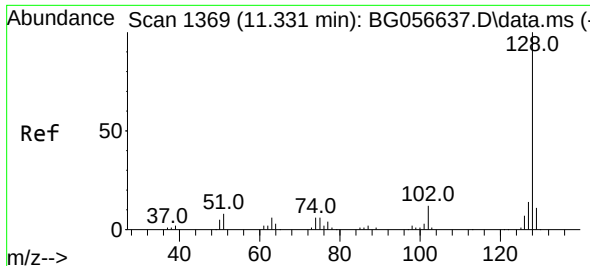
Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Tgt Ion:180	Resp:	52071
Ion Ratio	Lower	Upper
180	100	
182	98.7	71.7 107.5
145	25.6	20.6 30.8





#31
Naphthalene
Concen: 44.137 ng
RT: 11.326 min Scan# 1369
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

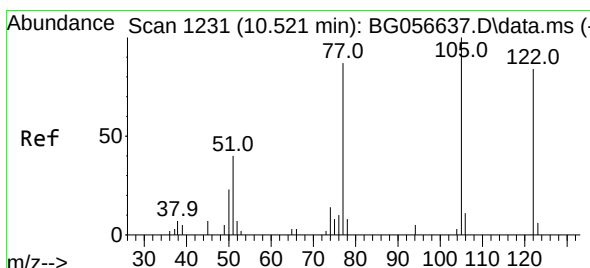
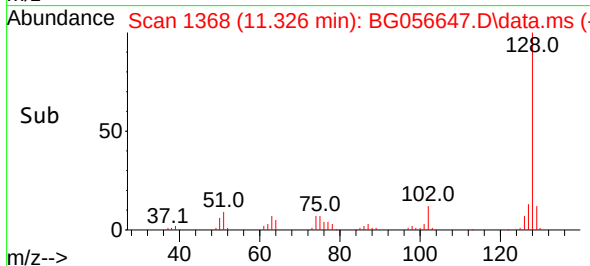
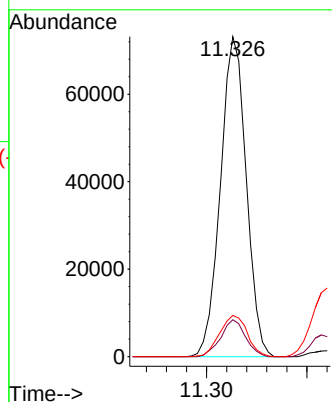
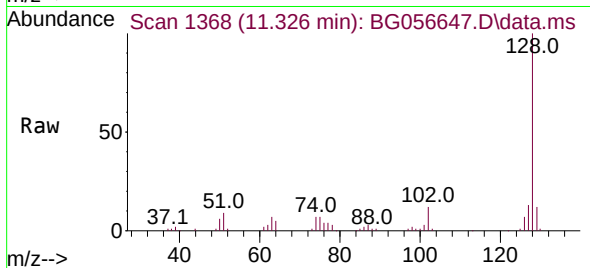
PB150875BS

Tgt Ion:128 Resp: 130543
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.9 10.9 16.3

Manual Integrations

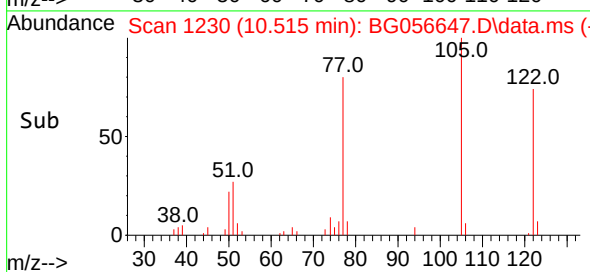
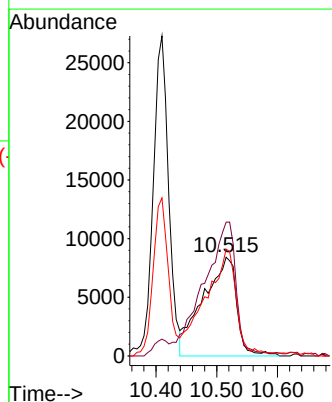
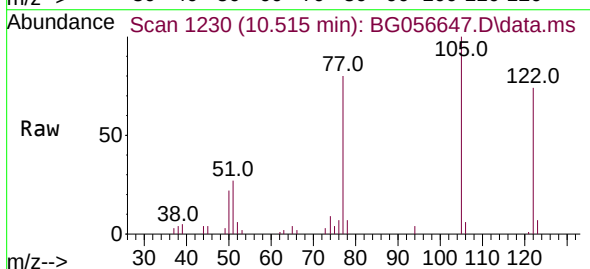
APPROVED

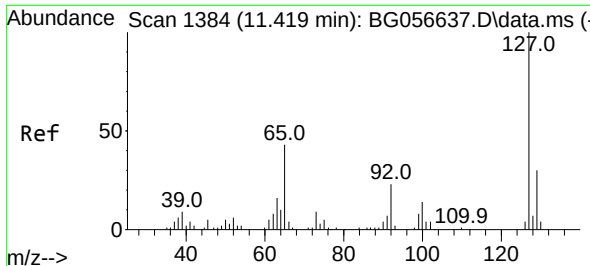
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#32
Benzoic acid
Concen: 51.298 ng m
RT: 10.515 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:122 Resp: 32425
Ion Ratio Lower Upper
122 100
105 135.7 100.5 140.5
77 108.3 80.8 120.8





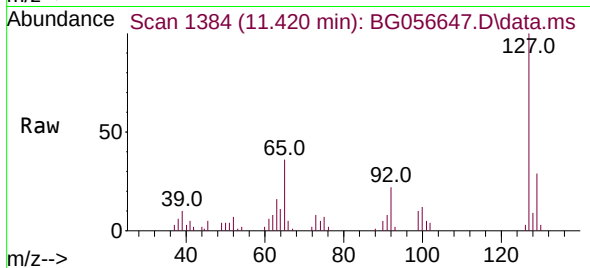
#33
4-Chloroaniline
Concen: 21.175 ng
RT: 11.420 min Scan# 1384
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

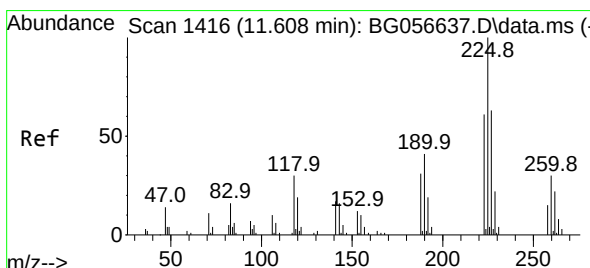
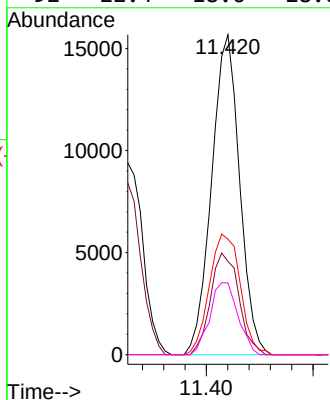
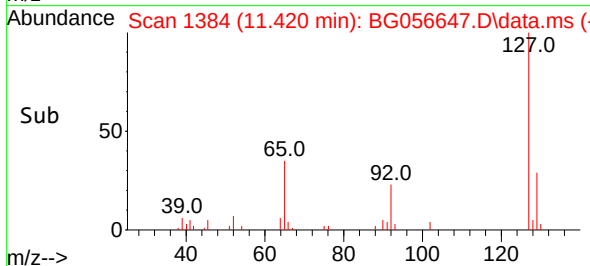


Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.1	36.1
65	36.0	34.3	51.5
92	22.4	18.6	28.0

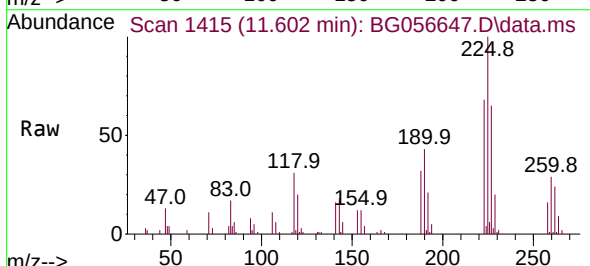
Manual Integrations

APPROVED

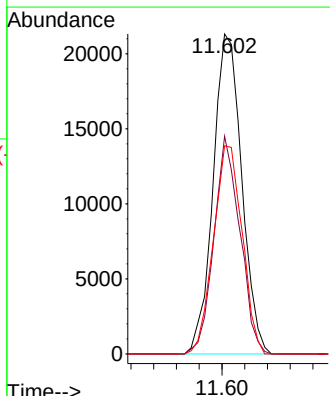
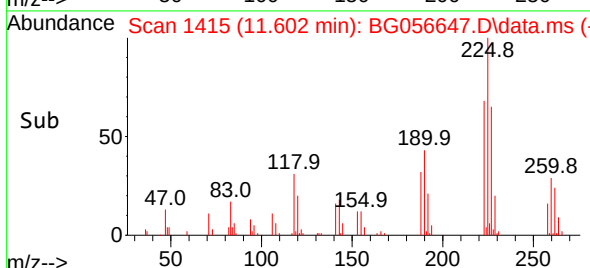
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

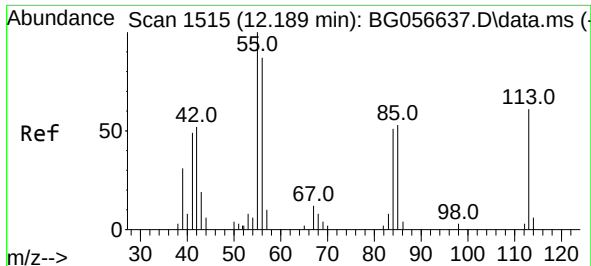


#34
Hexachlorobutadiene
Concen: 44.948 ng
RT: 11.602 min Scan# 1415
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



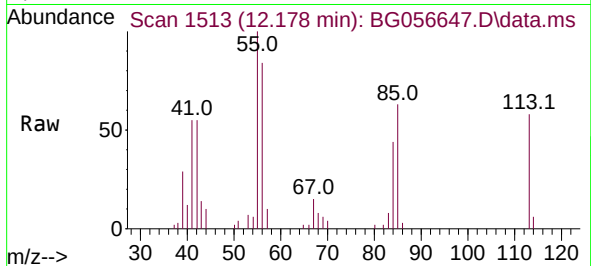
Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.0	48.5	72.7
227	65.0	50.2	75.4





#35
Caprolactam
Concen: 54.062 ng m
RT: 12.178 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

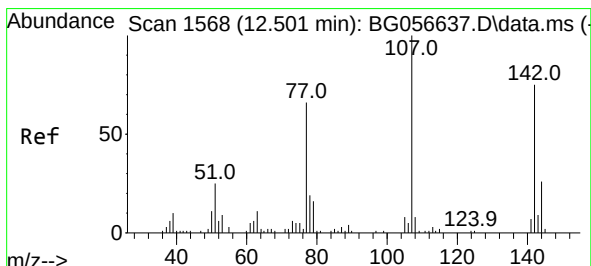
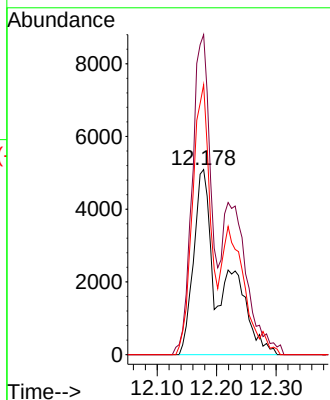
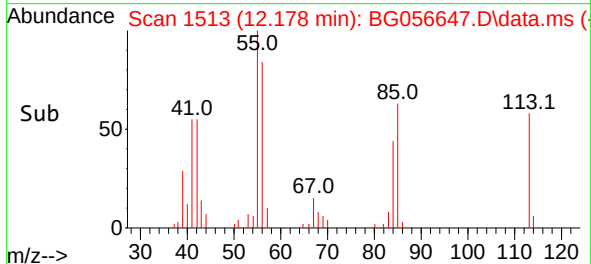
Instrument :
BNA_G
ClientSampleId :
PB150875BS



Tgt Ion:113 Resp: 1690
Ion Ratio Lower Upper
113 100
55 172.9 145.0 185.0
56 145.8 122.9 162.9

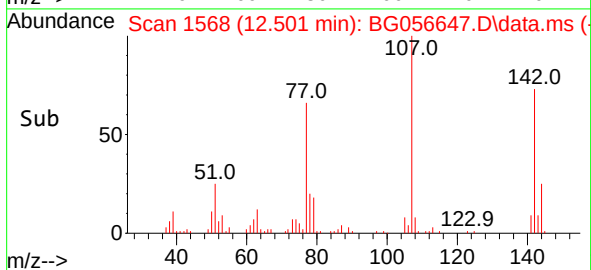
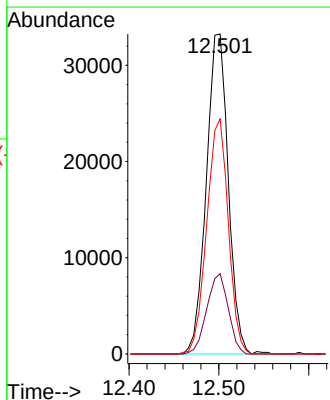
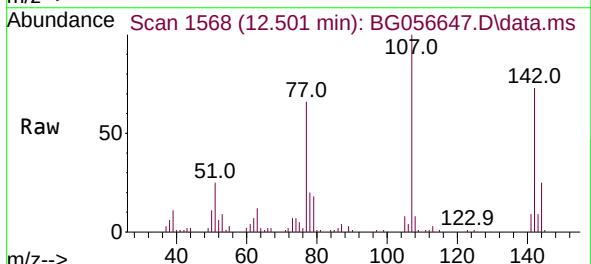
Manual Integrations
APPROVED

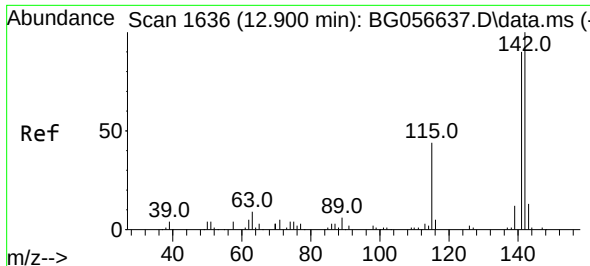
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#36
4-Chloro-3-methylphenol
Concen: 52.807 ng
RT: 12.501 min Scan# 1568
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:107 Resp: 56603
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.4
142 73.4 60.1 90.1





#37
2-Methylnaphthalene
Concen: 43.329 ng
RT: 12.901 min Scan# 1636
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

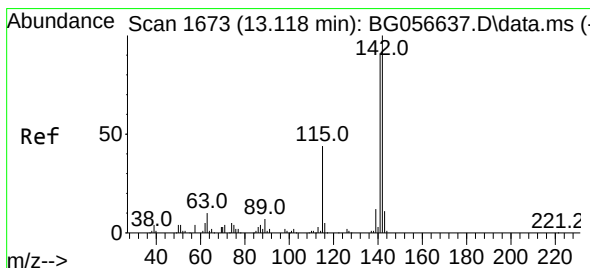
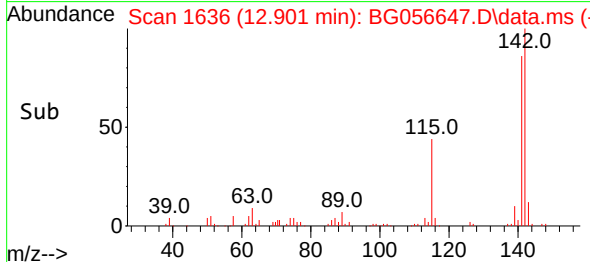
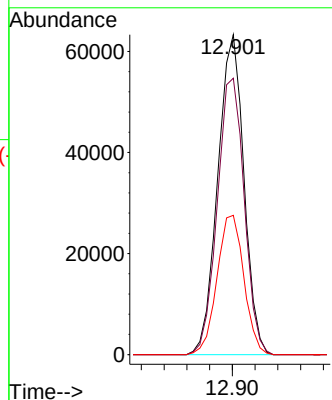
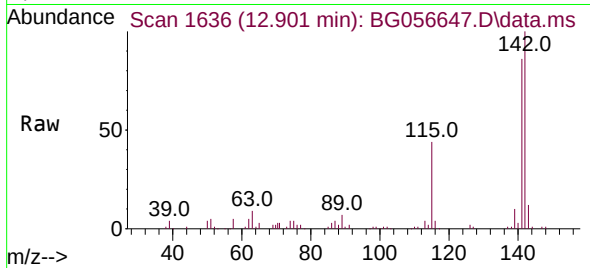
PB150875BS

Tgt Ion:142 Resp: 101186
Ion Ratio Lower Upper
142 100
141 86.4 71.9 107.9
115 43.5 35.1 52.7

Manual Integrations

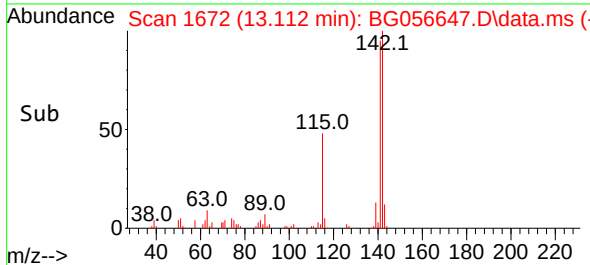
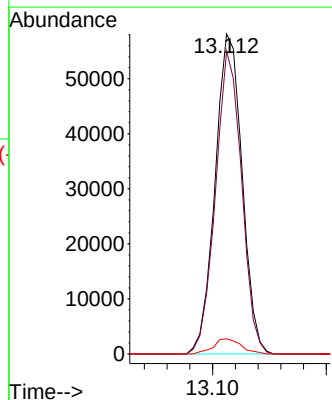
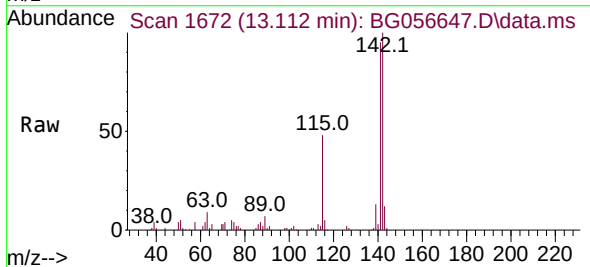
APPROVED

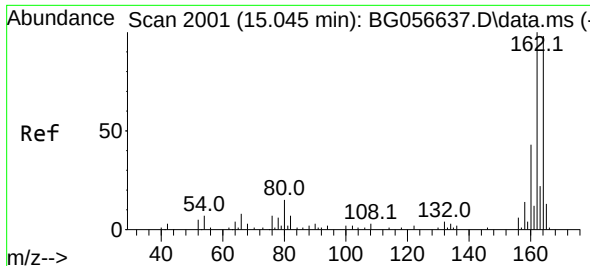
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#38
1-Methylnaphthalene
Concen: 43.893 ng
RT: 13.112 min Scan# 1672
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:142 Resp: 95649
Ion Ratio Lower Upper
142 100
141 94.7 72.7 109.1
116 4.7 4.2 6.4





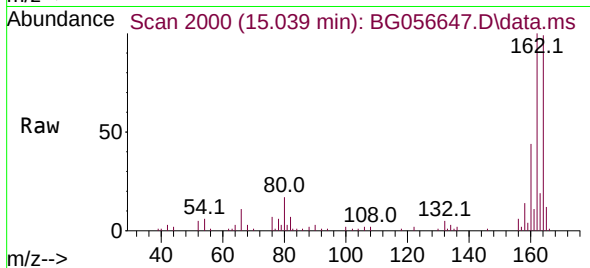
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.039 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

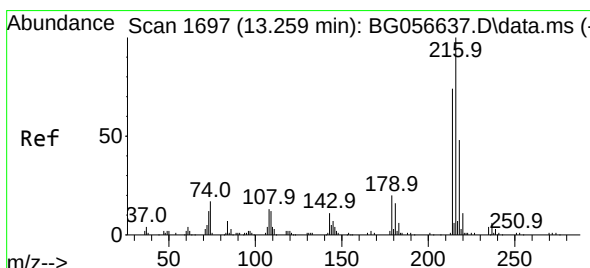
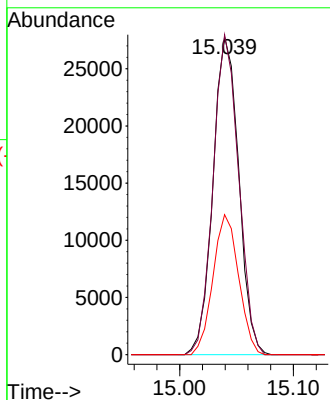
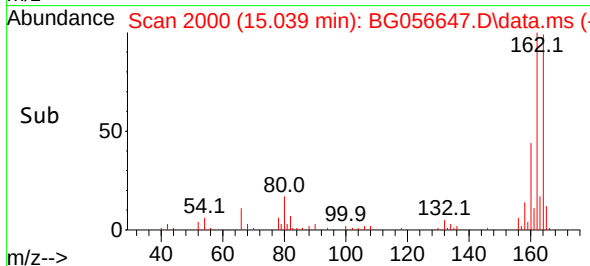


Tgt Ion:164 Resp: 43598
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.0 35.2 52.8

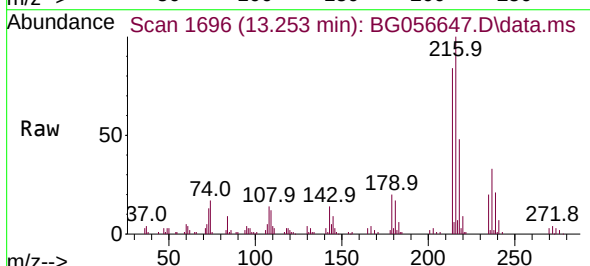
Manual Integrations

APPROVED

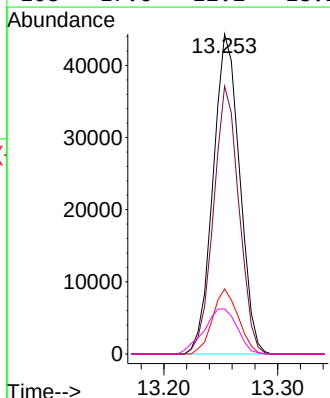
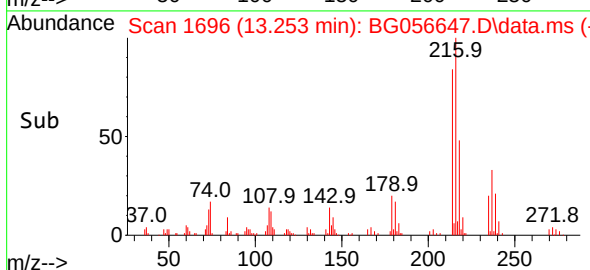
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

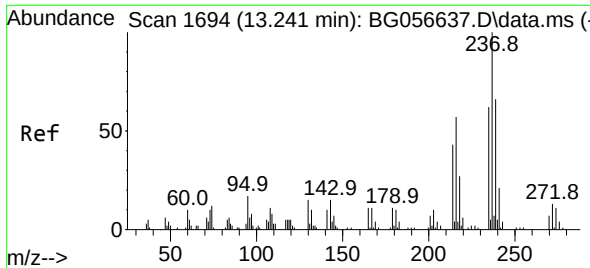


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.314 ng
RT: 13.253 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



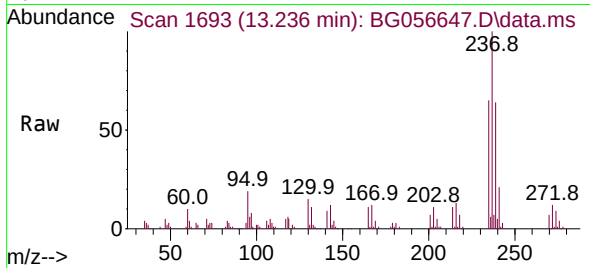
Tgt Ion:216 Resp: 71821
Ion Ratio Lower Upper
216 100
214 80.1 61.8 92.8
179 19.6 15.1 22.7
108 17.6 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 109.822 ng
RT: 13.236 min Scan# 1693
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

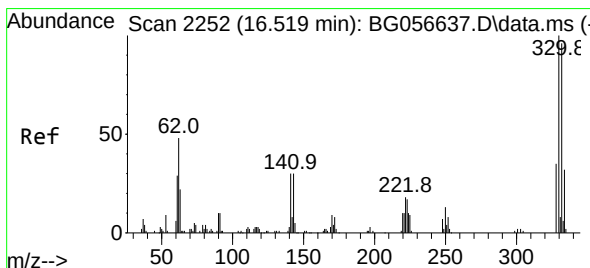
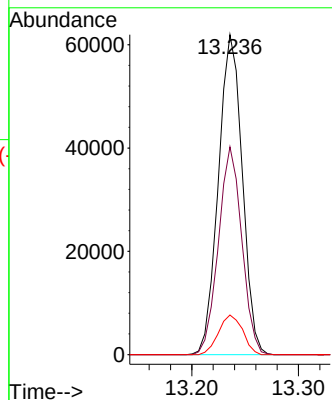
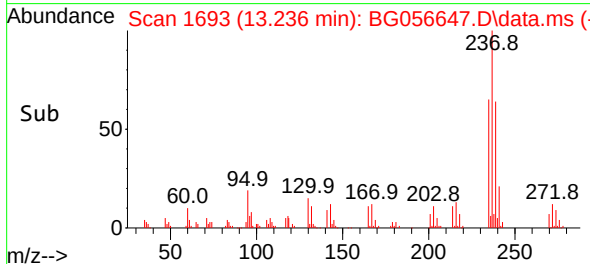
Instrument :
BNA_G
ClientSampleId :
PB150875BS



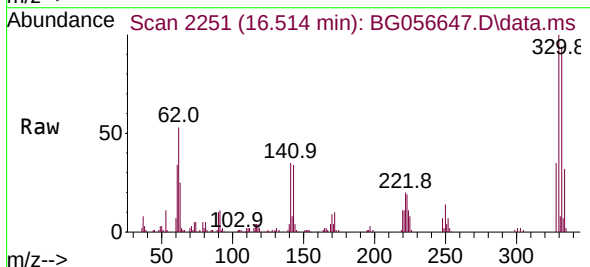
Tgt Ion:237 Resp: 96540
Ion Ratio Lower Upper
237 100
235 64.9 41.6 81.6
272 12.4 0.0 32.6

Manual Integrations
APPROVED

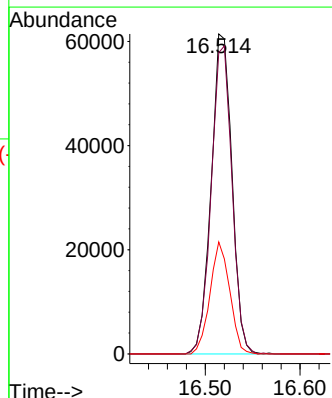
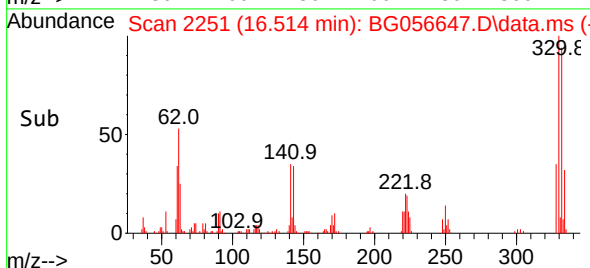
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

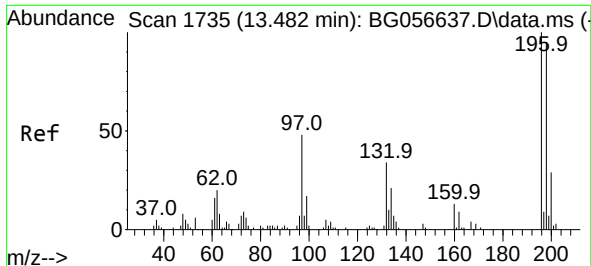


#42
2,4,6-Tribromophenol
Concen: 156.530 ng
RT: 16.514 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



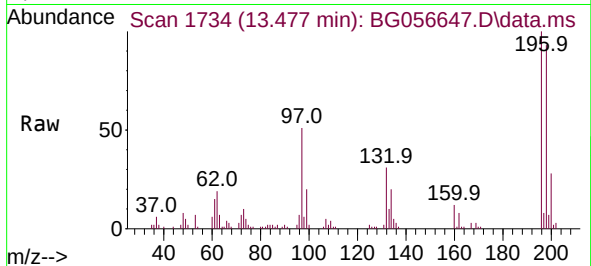
Tgt Ion:330 Resp: 93434
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 33.3 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 51.403 ng
RT: 13.477 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

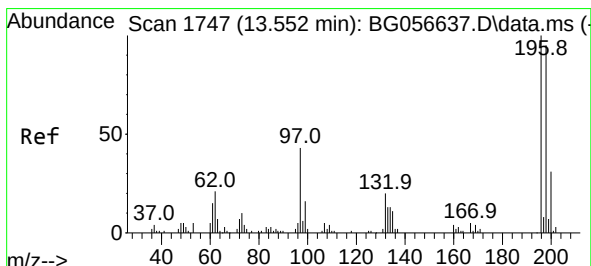
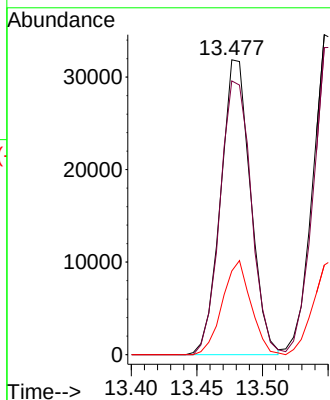
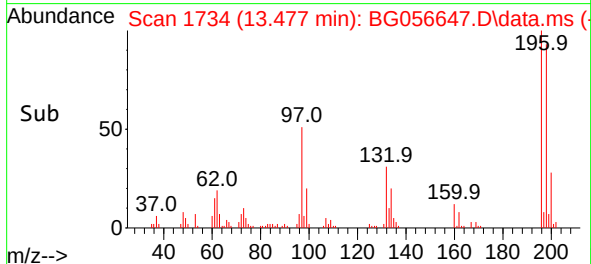
Instrument :
BNA_G
ClientSampleId :
PB150875BS



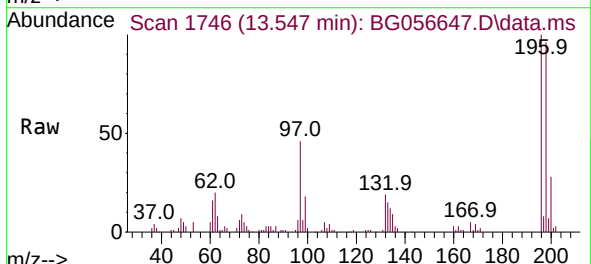
Tgt Ion:196 Resp: 50547
Ion Ratio Lower Upper
196 100
198 92.8 76.2 114.2
200 28.4 23.2 34.8

Manual Integrations
APPROVED

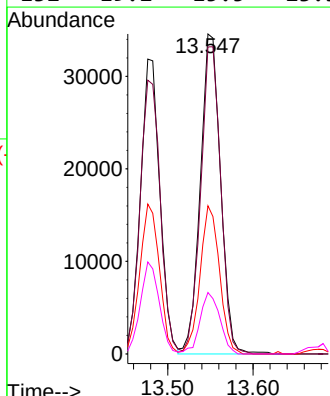
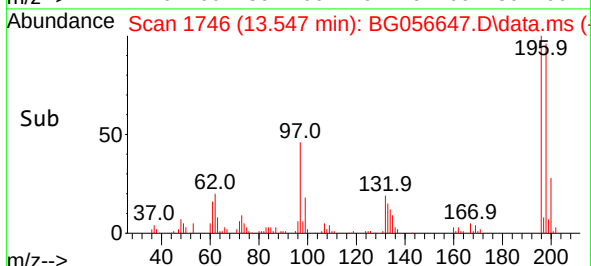
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

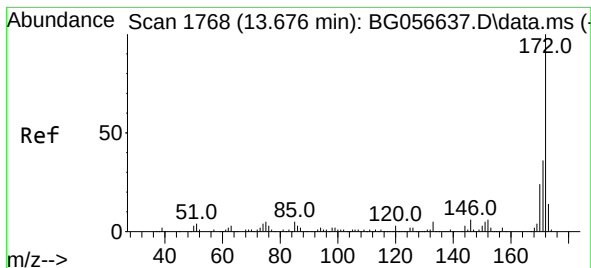


#44
2,4,5-Trichlorophenol
Concen: 48.441 ng
RT: 13.547 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:196 Resp: 57090
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
97 46.3 34.9 52.3
132 19.2 15.5 23.3





#45
2-Fluorobiphenyl
Concen: 87.879 ng
RT: 13.671 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

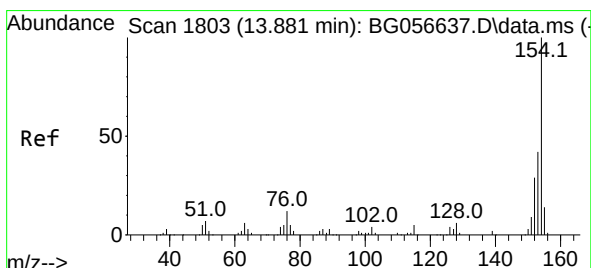
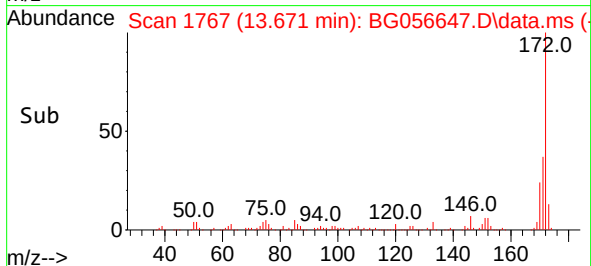
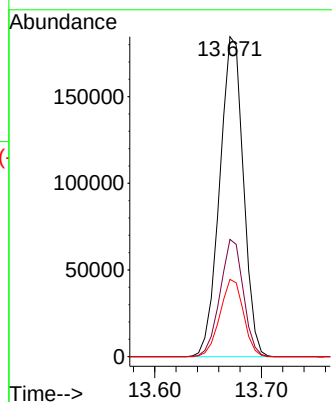
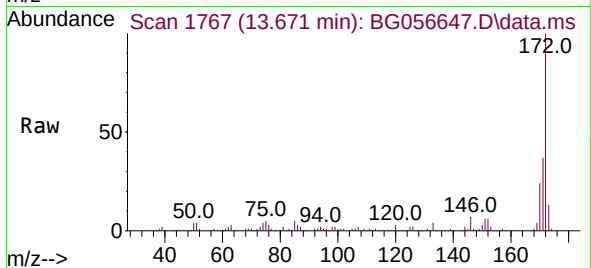
PB150875BS

Tgt Ion:172 Resp: 286122
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.1 19.4 29.0

Manual Integrations

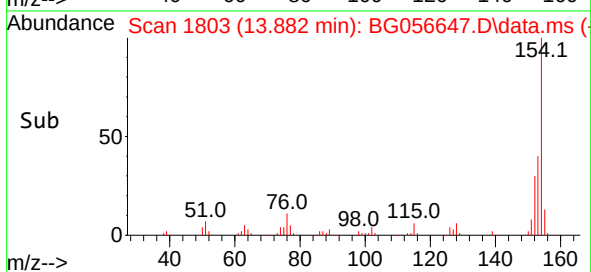
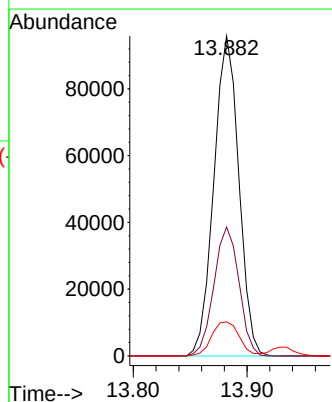
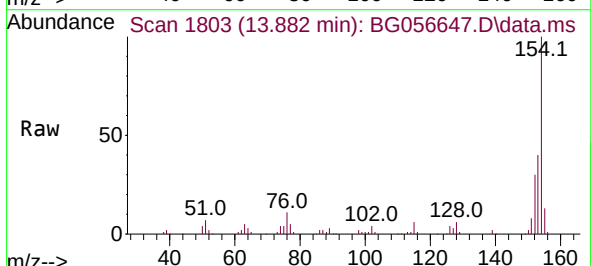
APPROVED

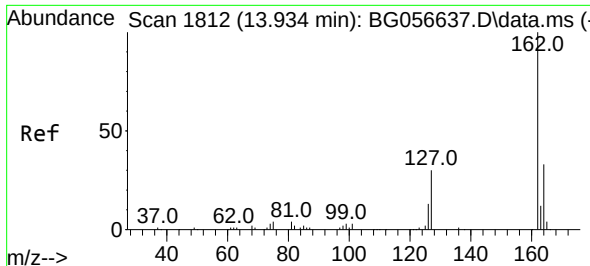
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#46
1,1'-Biphenyl
Concen: 44.163 ng
RT: 13.882 min Scan# 1803
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:154 Resp: 145855
Ion Ratio Lower Upper
154 100
153 40.3 21.9 61.9
76 10.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 44.924 ng

RT: 13.929 min Scan# 1811

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

Tgt Ion:162 Resp: 117408

Ion Ratio Lower Upper

162 100

127 33.8 27.5 41.3

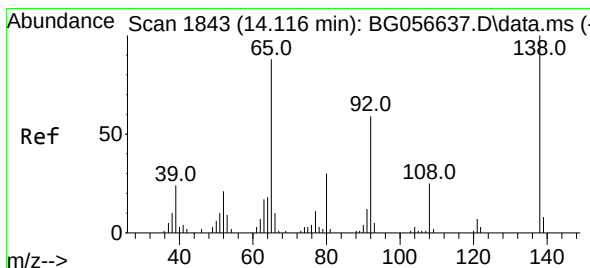
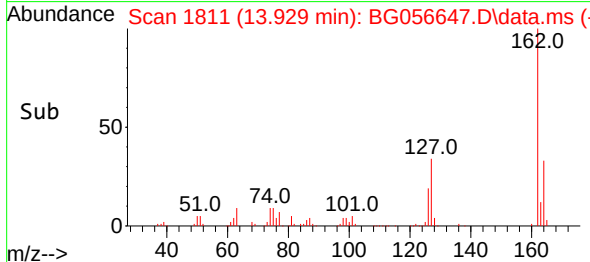
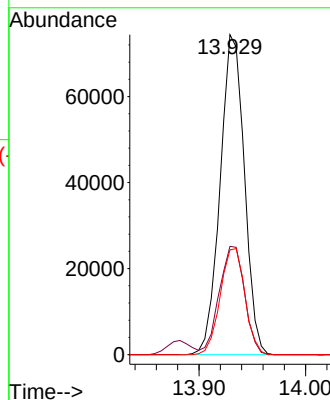
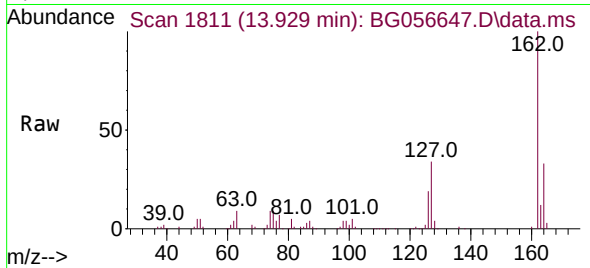
164 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#48

2-Nitroaniline

Concen: 46.874 ng

RT: 14.117 min Scan# 1843

Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

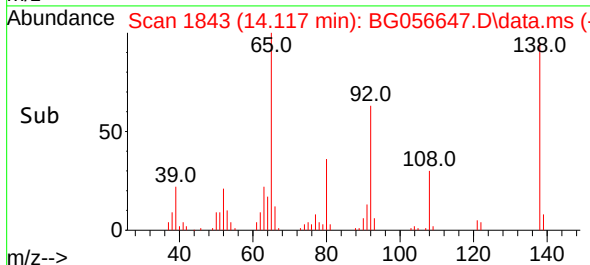
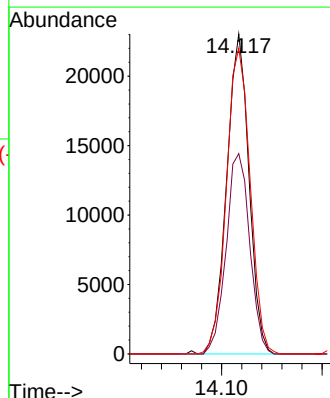
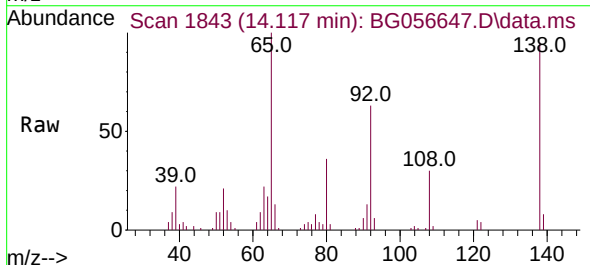
Tgt Ion: 65 Resp: 35581

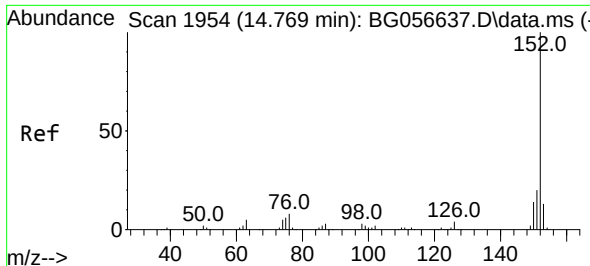
Ion Ratio Lower Upper

65 100

92 62.6 53.8 80.6

138 95.5 90.6 135.8





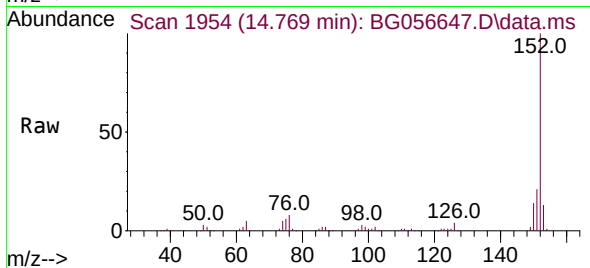
#49
Acenaphthylene
Concen: 44.646 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

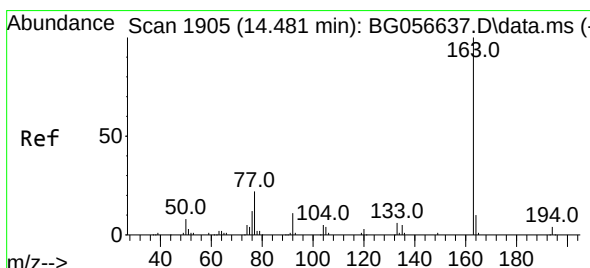
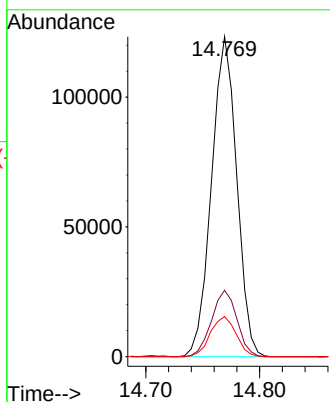
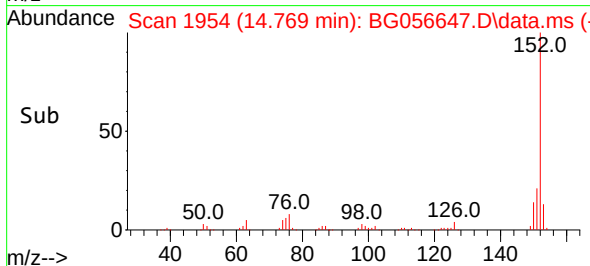


Tgt Ion:152 Resp: 189592
Ion Ratio Lower Upper
152 100
151 20.7 15.6 23.4
153 12.5 10.3 15.5

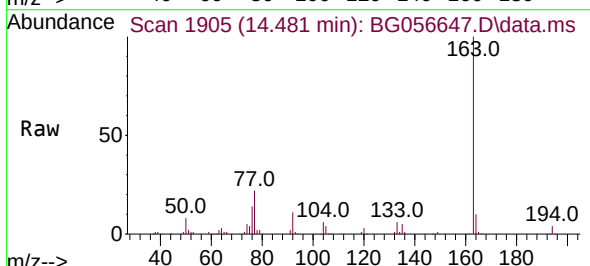
Manual Integrations

APPROVED

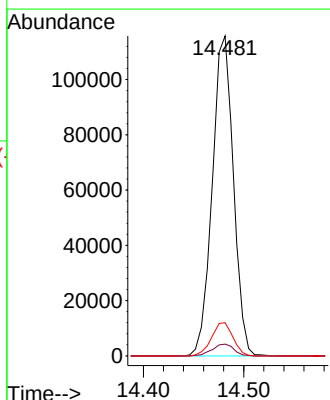
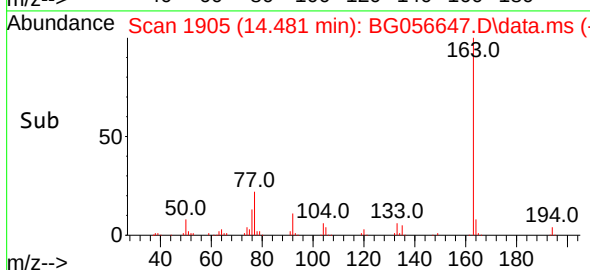
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

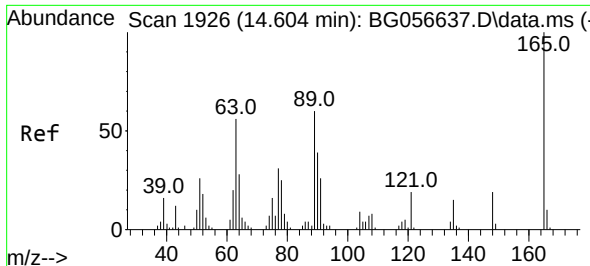


#50
Dimethylphthalate
Concen: 47.075 ng
RT: 14.481 min Scan# 1905
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



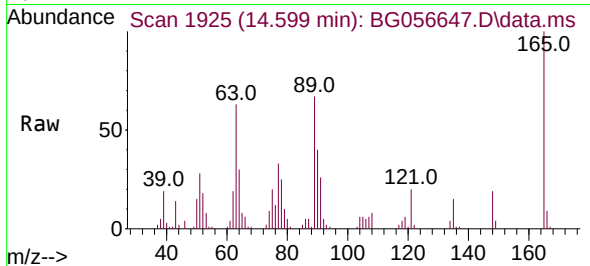
Tgt Ion:163 Resp: 169663
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.387 ng
RT: 14.599 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

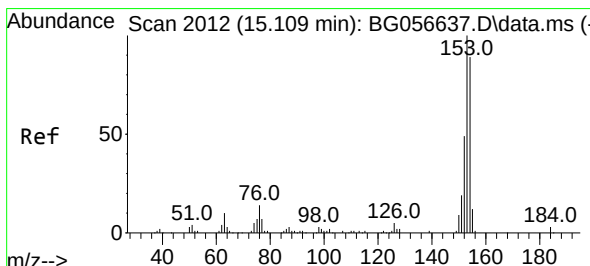
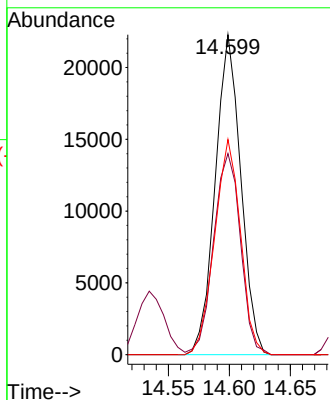
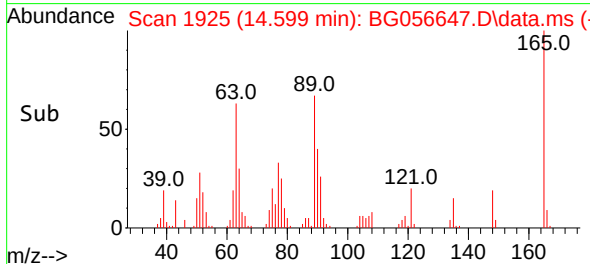
Instrument :
BNA_G
ClientSampleId :
PB150875BS



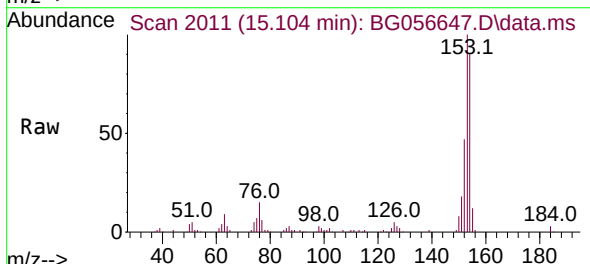
Tgt Ion:165 Resp: 32488
Ion Ratio Lower Upper
165 100
63 62.8 45.8 68.8
89 67.2 48.2 72.2

Manual Integrations
APPROVED

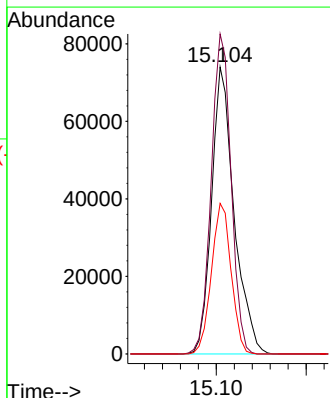
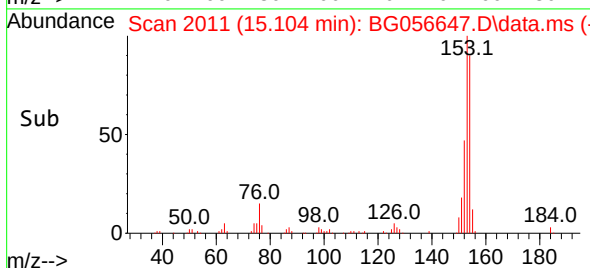
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

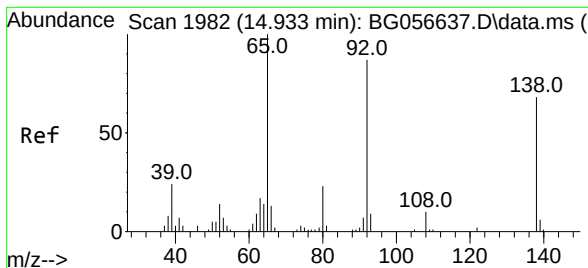


#52
Acenaphthene
Concen: 49.402 ng
RT: 15.104 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:154 Resp: 129405
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 52.5 43.7 65.5





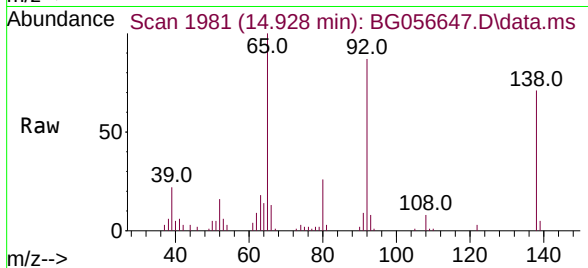
#53
3-Nitroaniline
Concen: 29.573 ng
RT: 14.928 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

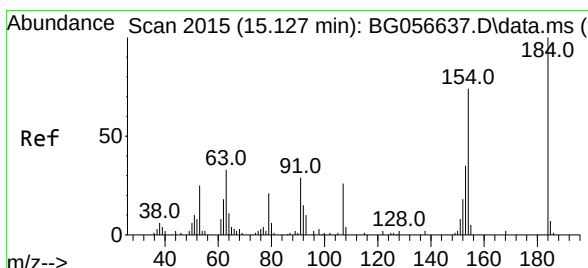
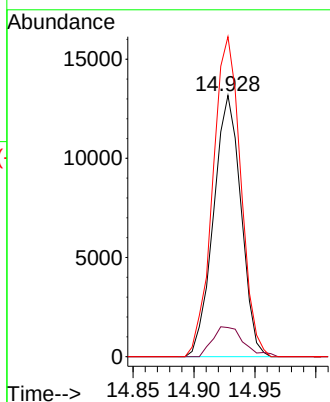
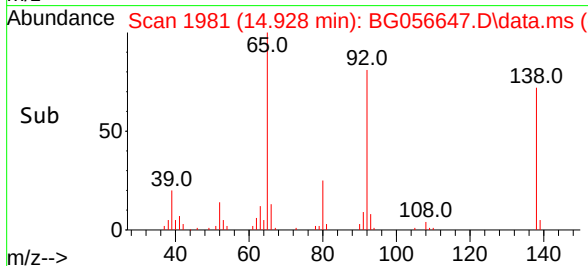


Tgt Ion:138 Resp: 20689
Ion Ratio Lower Upper
138 100
108 11.1 11.4 17.2
92 122.5 103.1 154.7

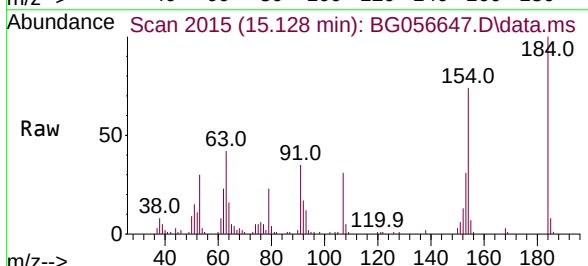
Manual Integrations

APPROVED

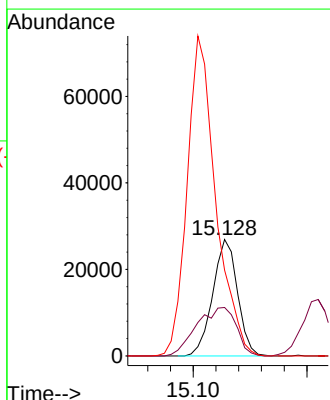
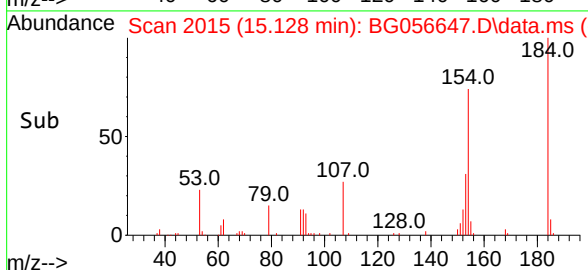
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

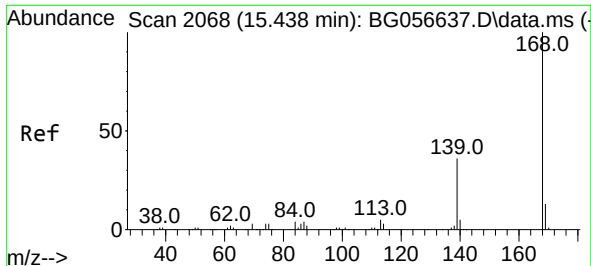


#54
2,4-Dinitrophenol
Concen: 97.350 ng
RT: 15.128 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



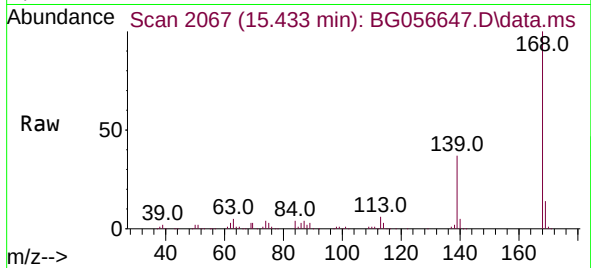
Tgt Ion:184 Resp: 40534
Ion Ratio Lower Upper
184 100
63 41.6 31.0 46.6
154 73.6 99.8 149.8#





#55
Dibenzenofuran
Concen: 43.445 ng
RT: 15.433 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

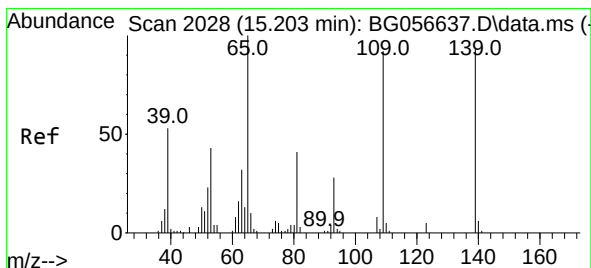
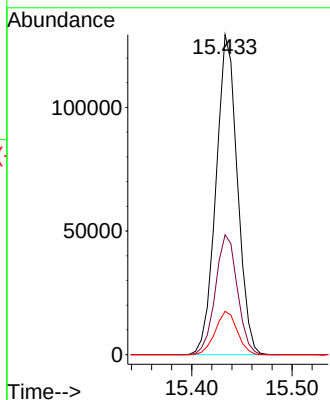
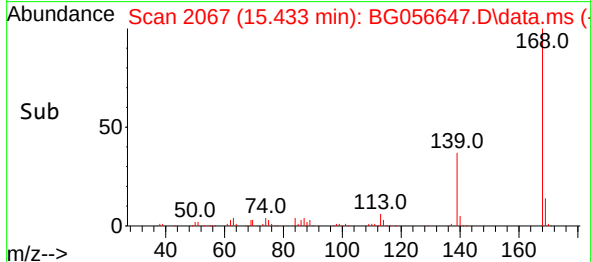
Instrument :
BNA_G
ClientSampleId :
PB150875BS



Tgt Ion:168 Resp: 192259
Ion Ratio Lower Upper
168 100
139 37.4 29.0 43.6
169 13.5 10.7 16.1

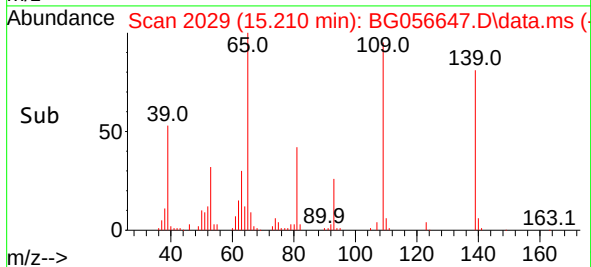
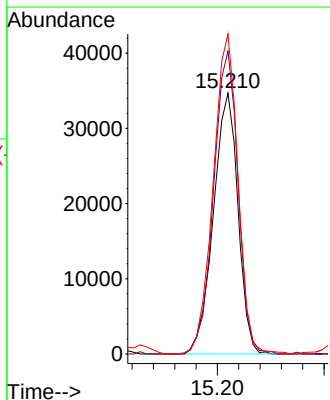
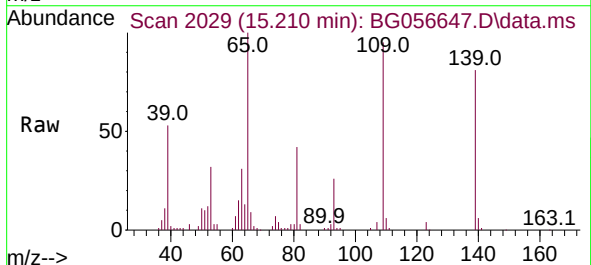
Manual Integrations
APPROVED

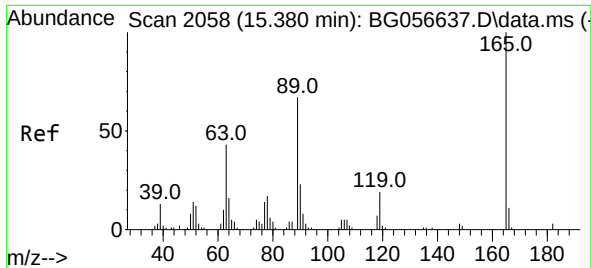
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#56
4-Nitrophenol
Concen: 103.714 ng
RT: 15.210 min Scan# 2029
Delta R.T. 0.007 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:139 Resp: 55592
Ion Ratio Lower Upper
139 100
109 116.2 79.3 119.3
65 122.7 87.6 127.6





#57
2,4-Dinitrotoluene
Concen: 51.799 ng
RT: 15.380 min Scan# 2058
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

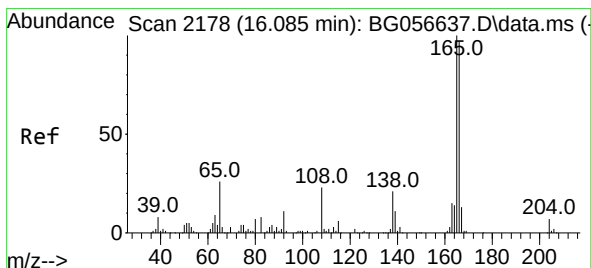
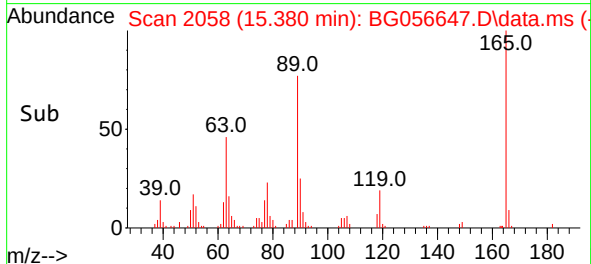
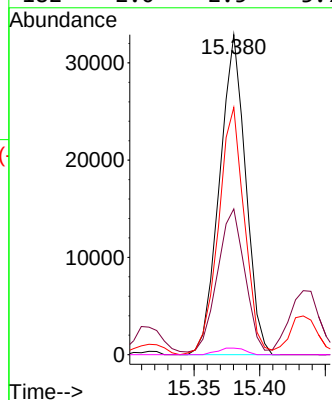
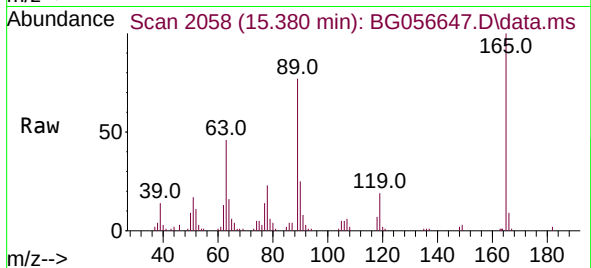
PB150875BS

Tgt Ion:165 Resp: 45530
Ion Ratio Lower Upper
165 100
63 45.5 34.6 52.0
89 77.2 53.8 80.8
182 2.0 2.5 3.7#

Manual Integrations

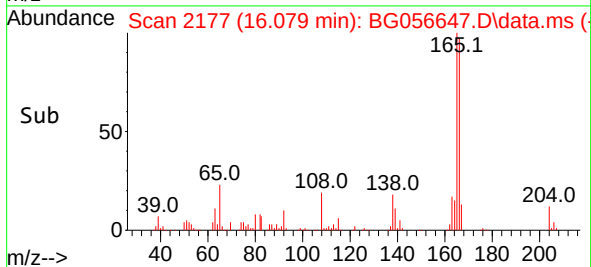
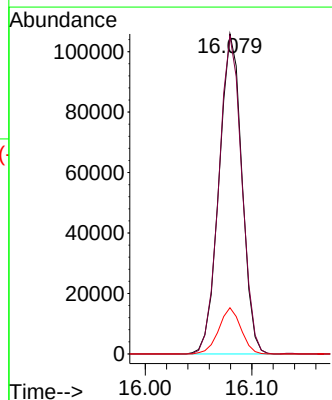
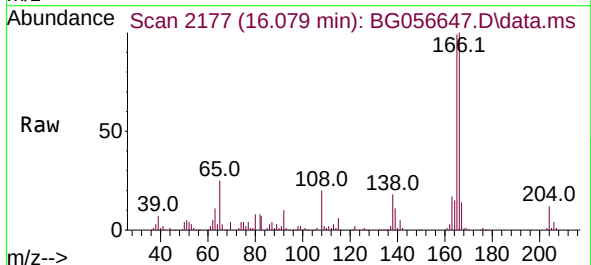
APPROVED

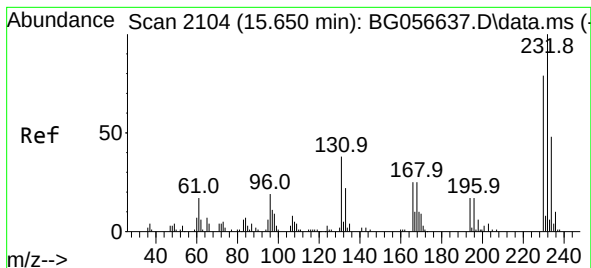
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#58
Fluorene
Concen: 45.025 ng
RT: 16.079 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:166 Resp: 157539
Ion Ratio Lower Upper
166 100
165 99.4 82.9 124.3
167 14.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.465 ng
RT: 15.651 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

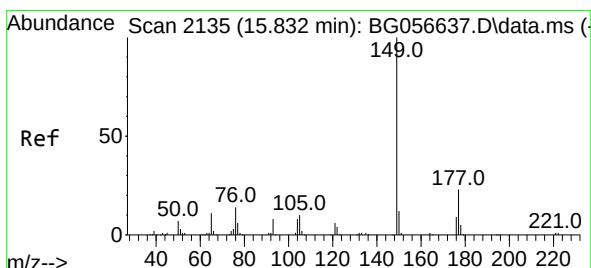
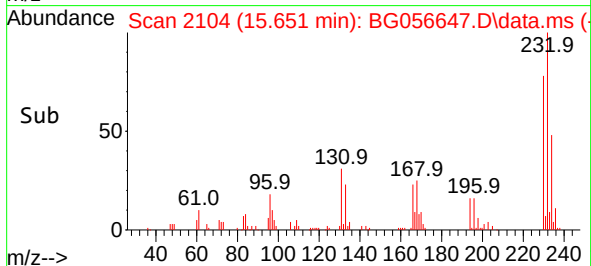
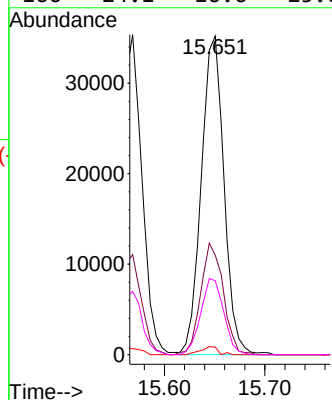
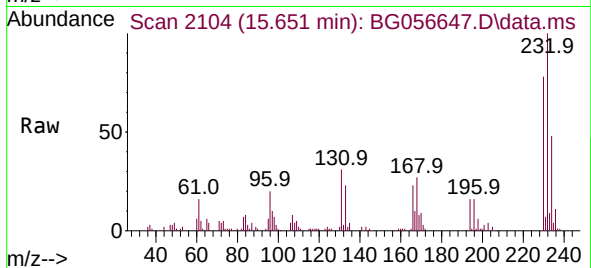
PB150875BS

Tgt Ion:232 Resp: 55225
Ion Ratio Lower Upper
232 100
131 34.8 24.7 37.1
130 1.9 1.4 2.2
166 24.1 16.6 25.0

Manual Integrations

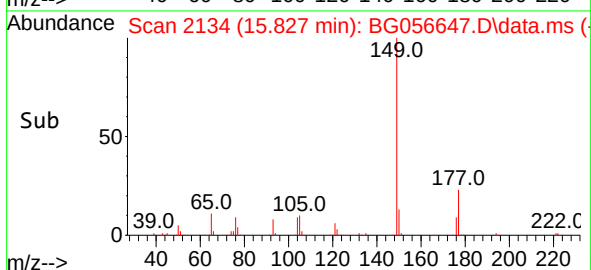
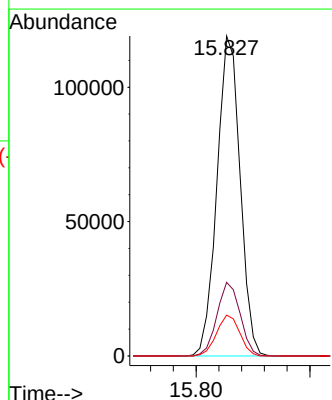
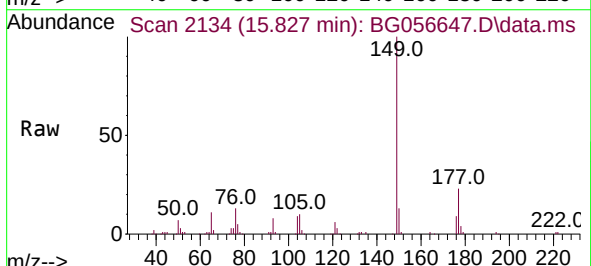
APPROVED

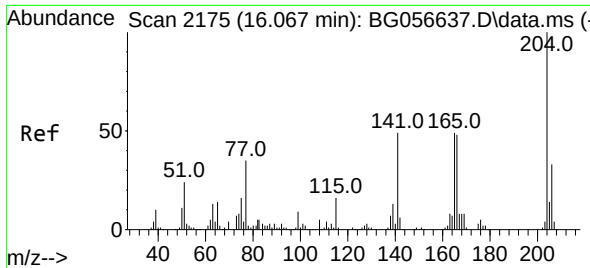
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#60
Diethylphthalate
Concen: 46.199 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:149 Resp: 167958
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.7 9.9 14.9





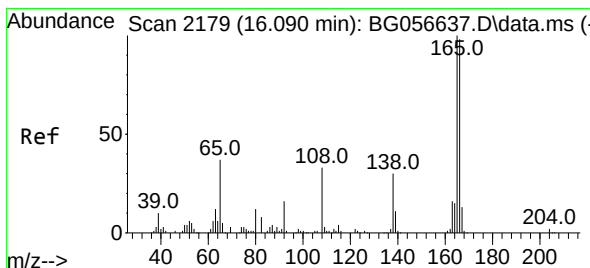
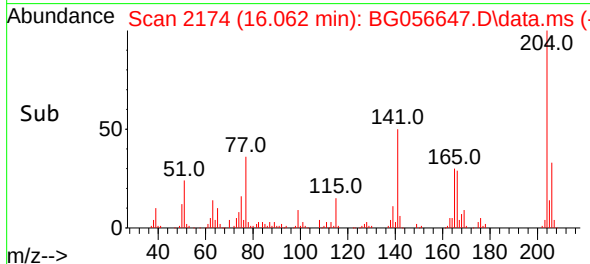
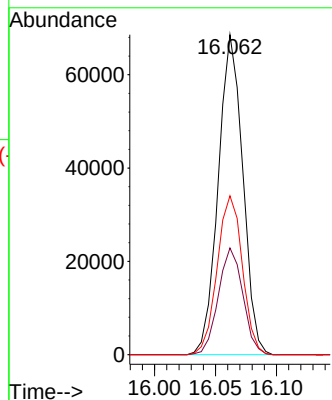
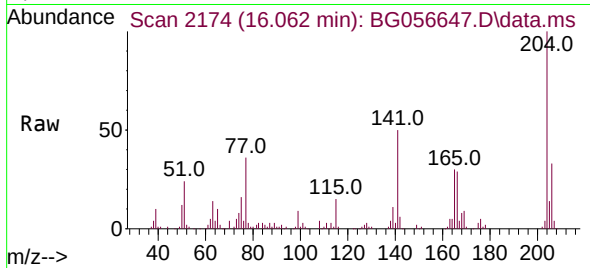
#61
4-Chlorophenyl-phenylether
Concen: 44.917 ng
RT: 16.062 min Scan# 2175
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :
BNA_G
ClientSampleId :
PB150875BS

Tgt Ion:204 Resp: 96013
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 49.6 38.9 58.3

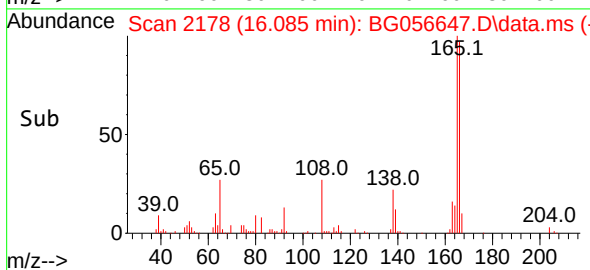
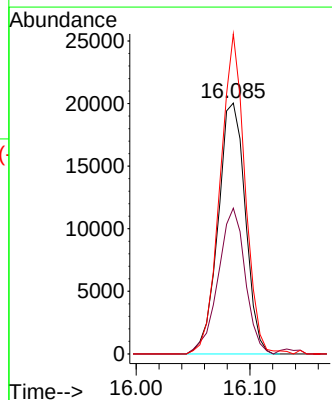
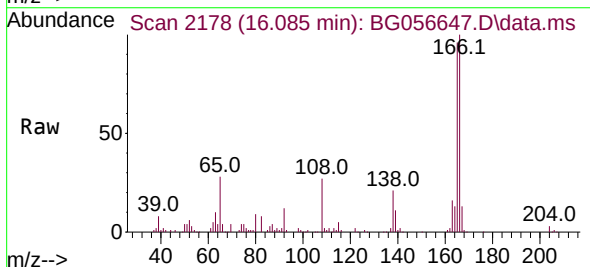
Manual Integrations
APPROVED

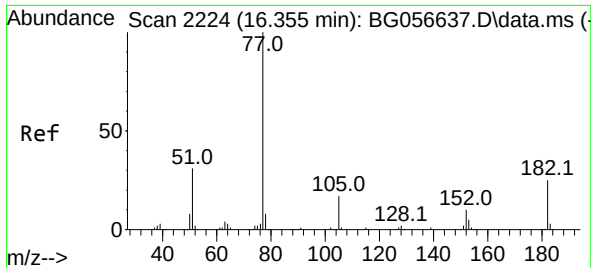
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#62
4-Nitroaniline
Concen: 45.457 ng
RT: 16.085 min Scan# 2178
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:138 Resp: 33144
Ion Ratio Lower Upper
138 100
92 58.1 31.5 71.5
108 127.6 88.6 128.6





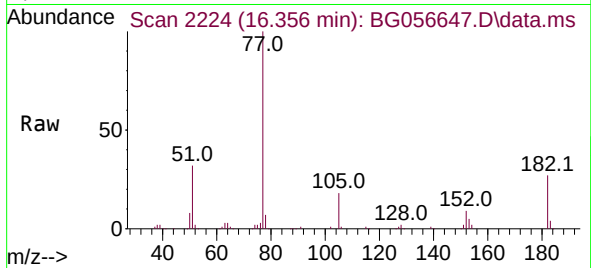
#63
Azobenzene
Concen: 44.759 ng
RT: 16.356 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

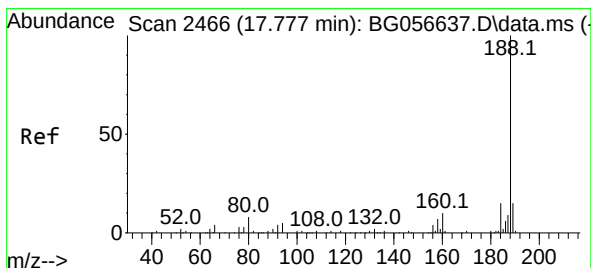
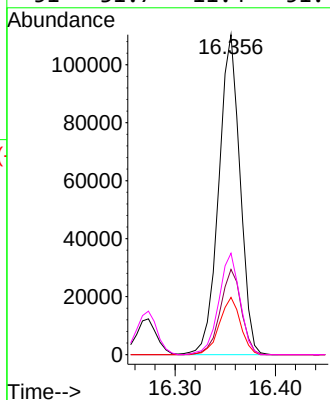
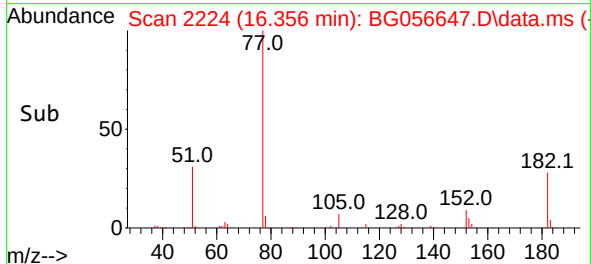


Tgt Ion: 77 Resp: 16285
Ion Ratio Lower Upper
77 100
182 26.7 5.2 45.2
105 17.9 0.0 37.3
51 31.7 11.4 51.4

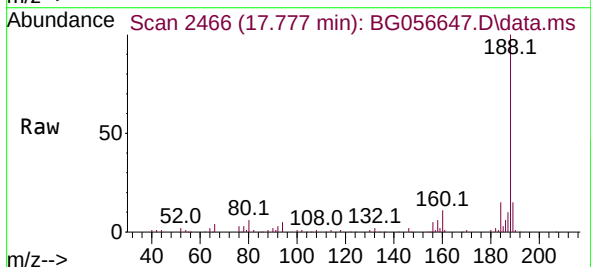
Manual Integrations

APPROVED

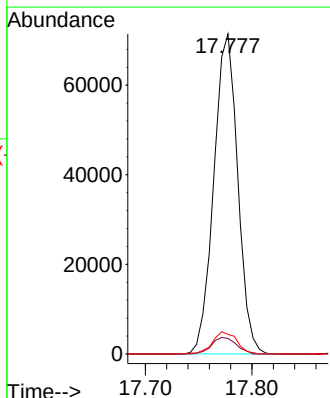
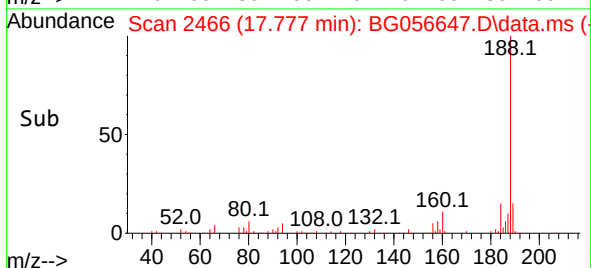
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

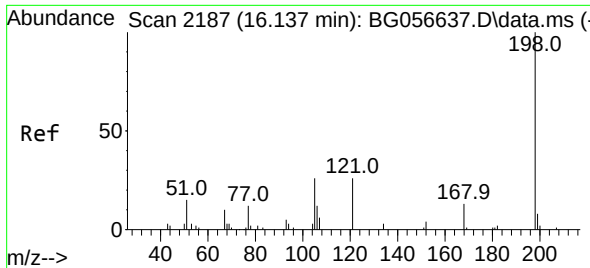


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.777 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:188 Resp: 111380
Ion Ratio Lower Upper
188 100
94 4.8 4.0 6.0
80 6.1 6.3 9.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 46.087 ng
RT: 16.138 min Scan# 2187
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

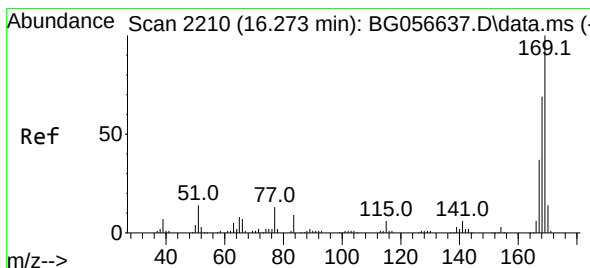
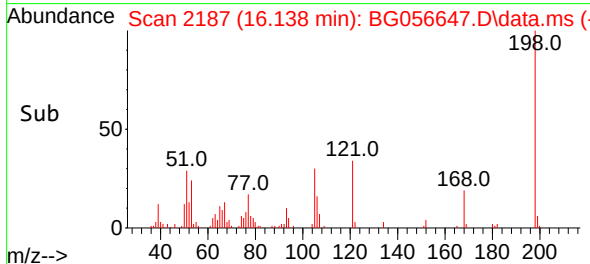
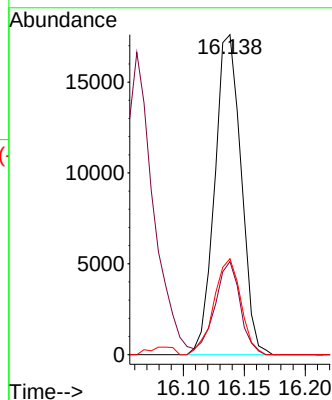
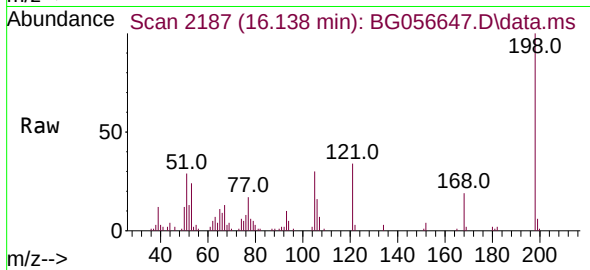
PB150875BS

Tgt Ion:198 Resp: 26508
Ion Ratio Lower Upper
198 100
51 29.1 7.4 47.4
105 30.0 8.2 48.2

Manual Integrations

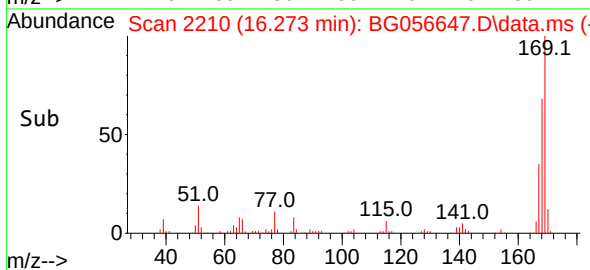
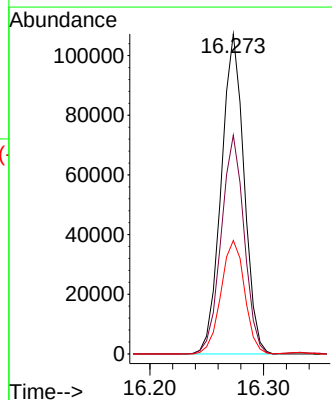
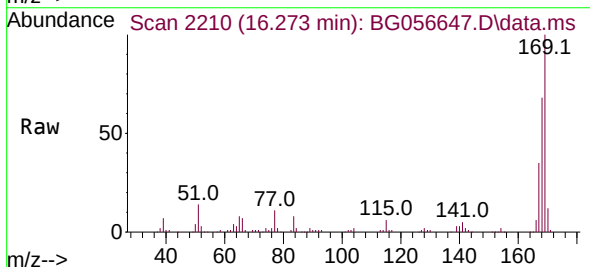
APPROVED

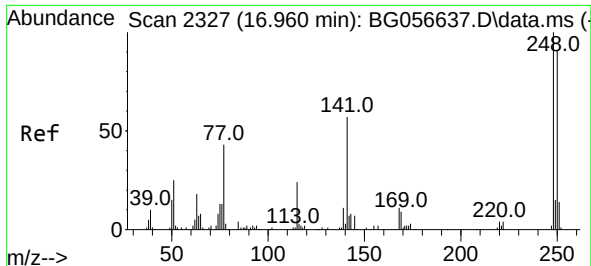
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#66
n-Nitrosodiphenylamine
Concen: 46.109 ng
RT: 16.273 min Scan# 2210
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:169 Resp: 149402
Ion Ratio Lower Upper
169 100
168 68.3 55.5 83.3
167 35.4 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 45.498 ng
RT: 16.955 min Scan# 2326
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

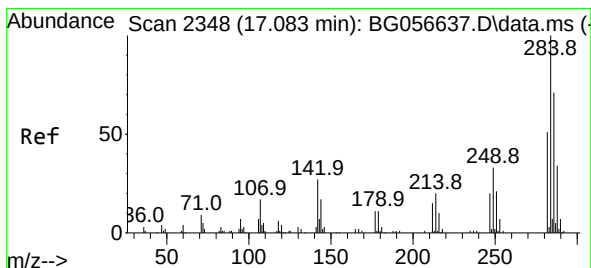
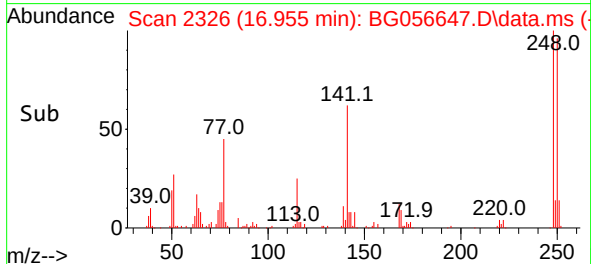
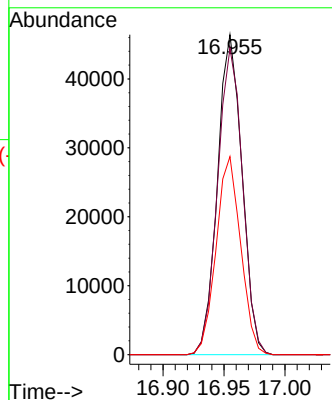
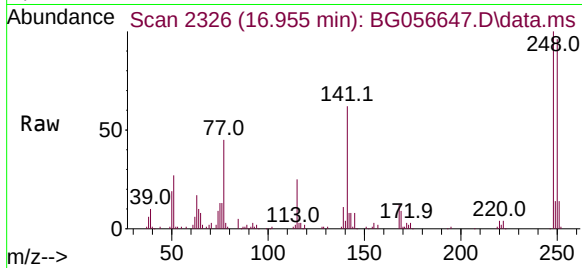
PB150875BS

Tgt Ion:248 Resp: 65062
Ion Ratio Lower Upper
248 100
250 95.7 73.0 109.6
141 61.9 45.6 68.4

Manual Integrations

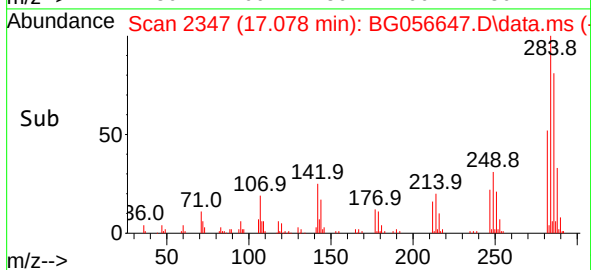
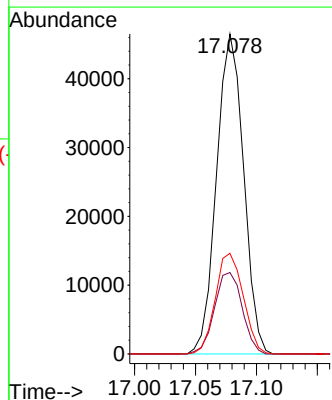
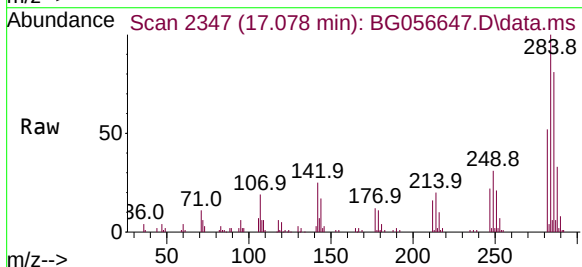
APPROVED

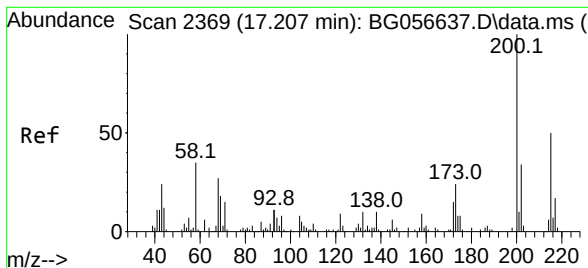
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#68
Hexachlorobenzene
Concen: 49.221 ng
RT: 17.078 min Scan# 2347
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:284 Resp: 71711
Ion Ratio Lower Upper
284 100
142 25.4 21.4 32.2
249 31.4 26.1 39.1





#69

Atrazine

Concen: 50.500 ng

RT: 17.202 min Scan# 2368

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

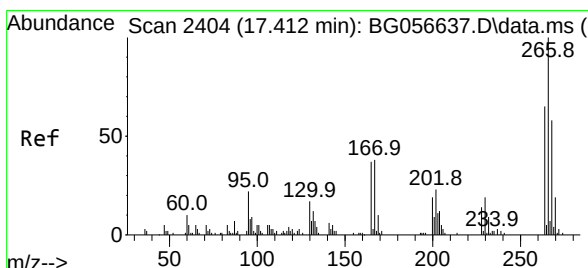
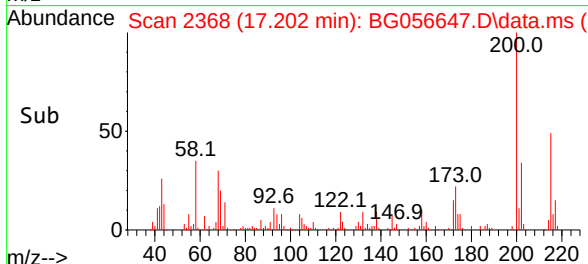
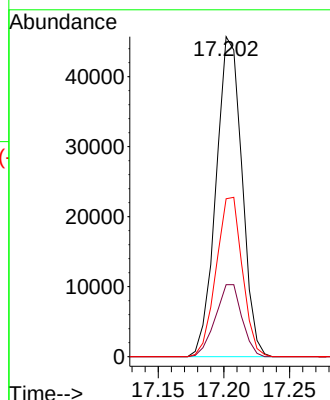
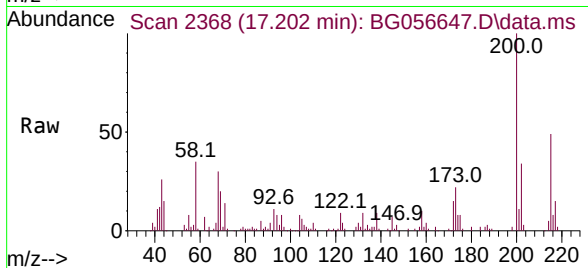
PB150875BS

Tgt Ion:200 Resp: 62833
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.4 44.4
 215 49.3 29.6 69.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#70

Pentachlorophenol

Concen: 91.543 ng

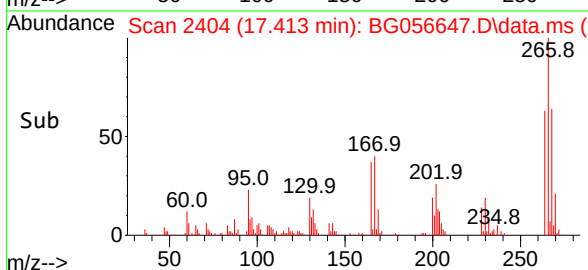
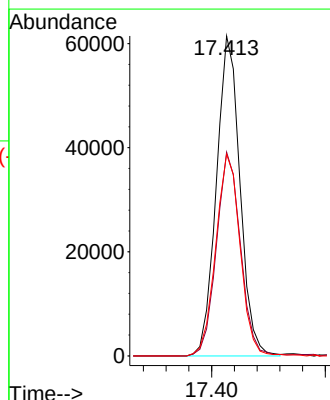
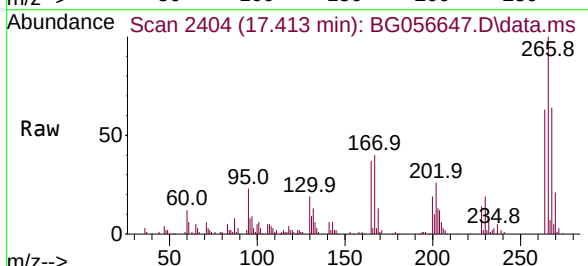
RT: 17.413 min Scan# 2404

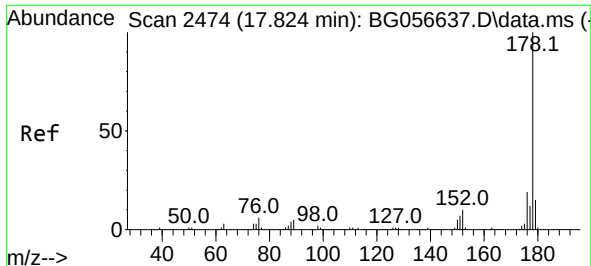
Delta R.T. 0.001 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

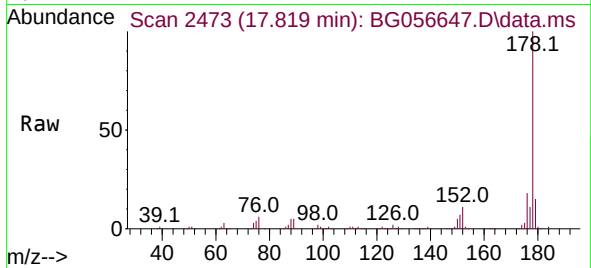
Tgt Ion:266 Resp: 88325
 Ion Ratio Lower Upper
 266 100
 268 63.7 46.7 70.1
 264 63.0 51.8 77.6





#71
Phenanthrene
Concen: 46.963 ng
RT: 17.819 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

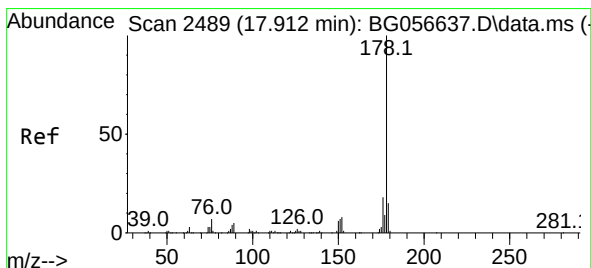
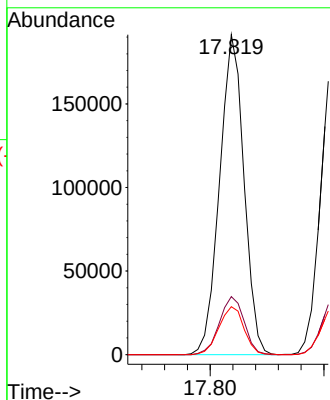
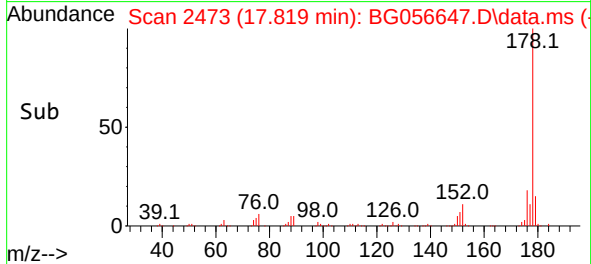
Instrument :
BNA_G
ClientSampleId :
PB150875BS



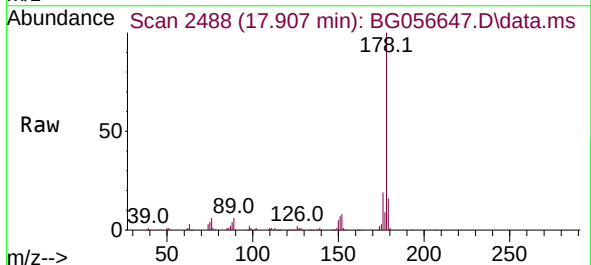
Tgt Ion:178 Resp: 284586
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.0 12.2 18.4

Manual Integrations
APPROVED

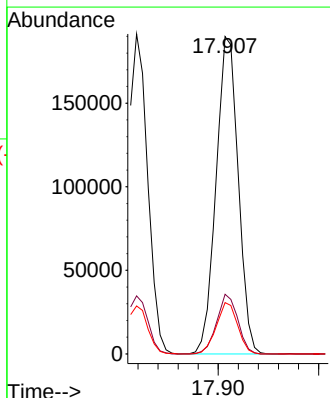
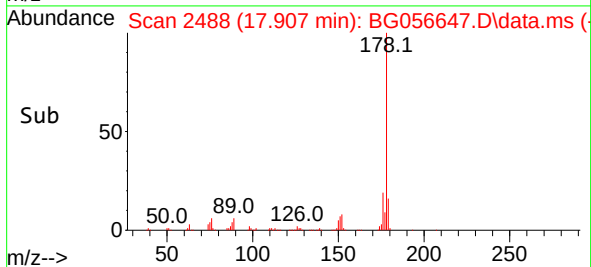
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

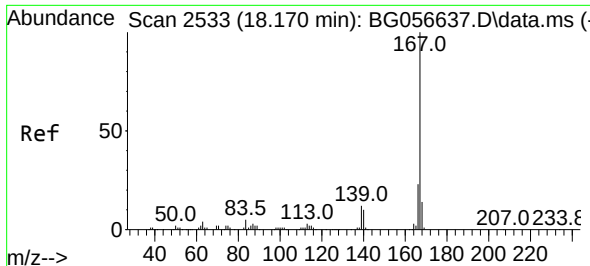


#72
Anthracene
Concen: 47.041 ng
RT: 17.907 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:178 Resp: 291674
Ion Ratio Lower Upper
178 100
176 18.8 14.3 21.5
179 16.2 12.2 18.4





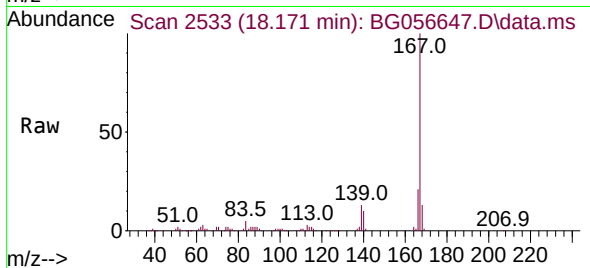
#73
 Carbazole
 Concen: 46.966 ng
 RT: 18.171 min Scan# 2533
 Delta R.T. 0.001 min
 Lab File: BG056647.D
 Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

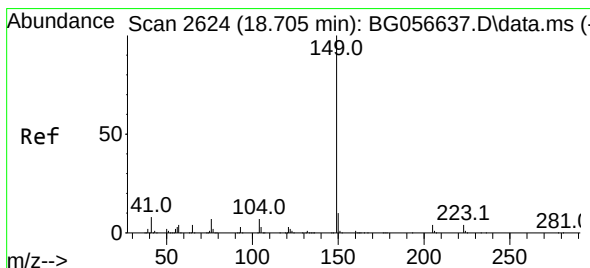
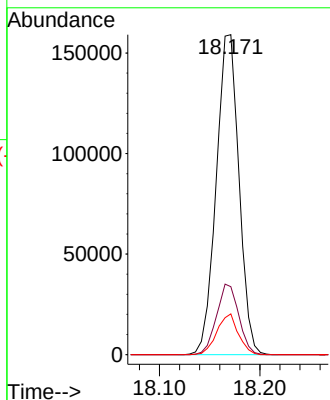
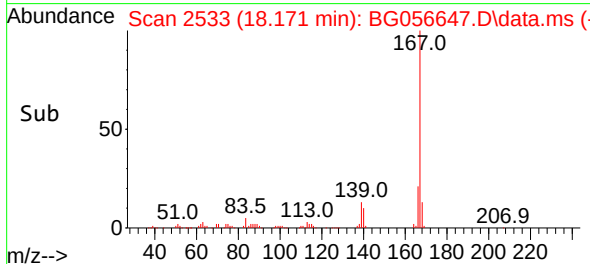


Tgt Ion:167 Resp: 251035
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.1 27.1
 139 12.7 9.4 14.0

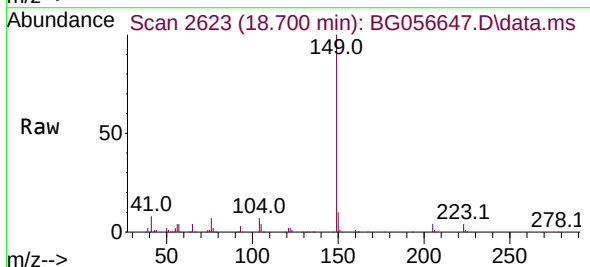
Manual Integrations

APPROVED

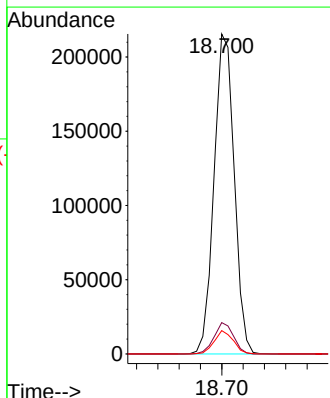
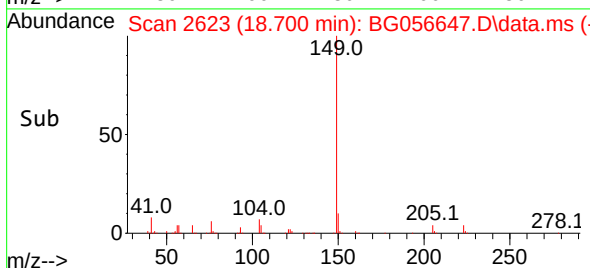
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023

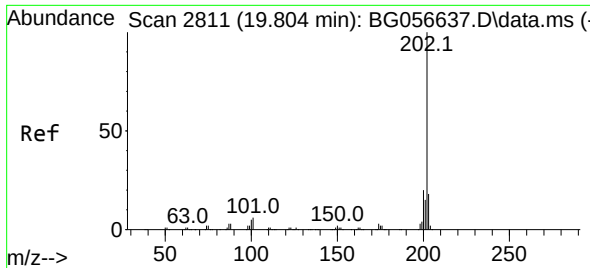


#74
 Di-n-butylphthalate
 Concen: 47.389 ng
 RT: 18.700 min Scan# 2623
 Delta R.T. -0.005 min
 Lab File: BG056647.D
 Acq: 16 Feb 2023 00:45



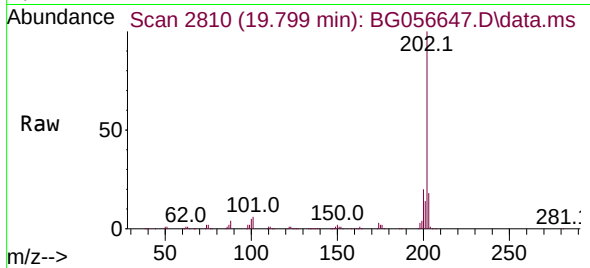
Tgt Ion:149 Resp: 283463
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 7.3 5.4 8.0





#75
Fluoranthene
Concen: 45.831 ng
RT: 19.799 min Scan# 2811
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

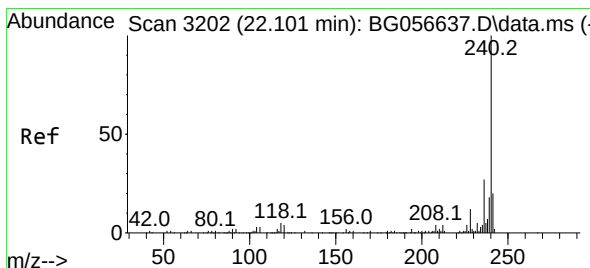
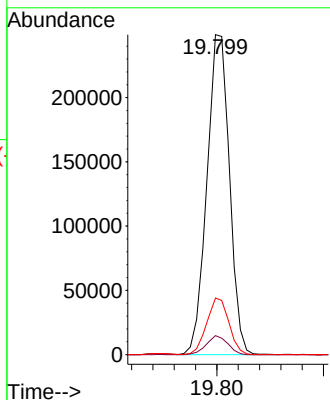
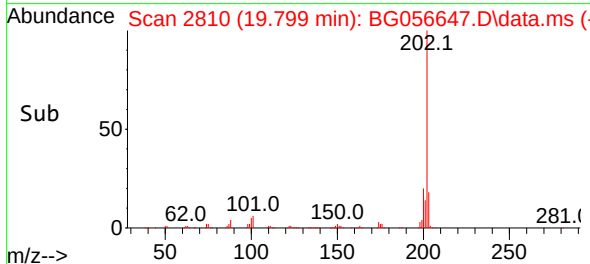
Instrument :
BNA_G
ClientSampleId :
PB150875BS



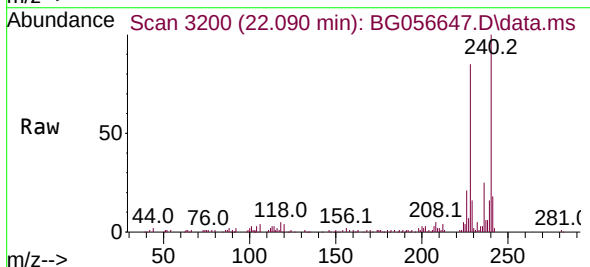
Tgt Ion:202 Resp: 366446
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.8
203 17.7 0.0 37.6

Manual Integrations
APPROVED

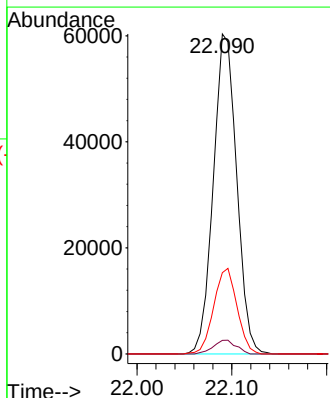
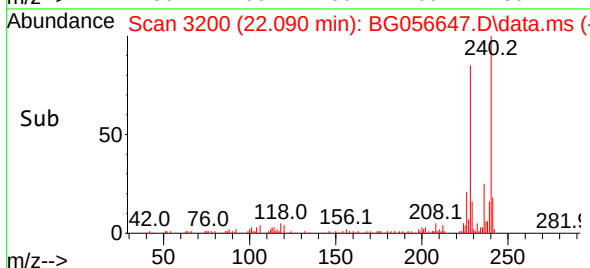
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

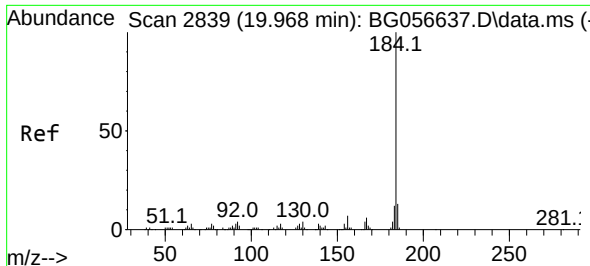


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.090 min Scan# 3200
Delta R.T. -0.011 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



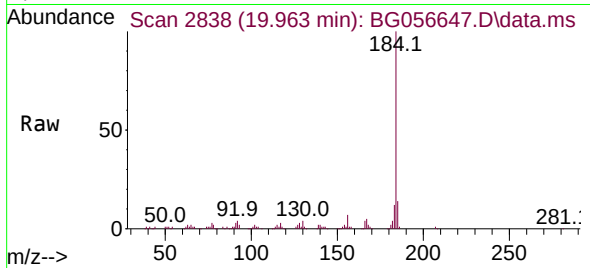
Tgt Ion:240 Resp: 103230
Ion Ratio Lower Upper
240 100
120 4.2 3.5 5.3
236 25.4 21.5 32.3





#77
Benzidine
Concen: 52.799 ng
RT: 19.963 min Scan# 2838
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

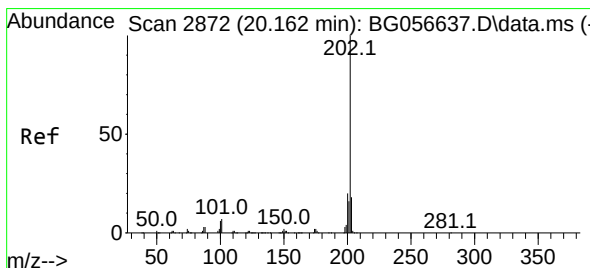
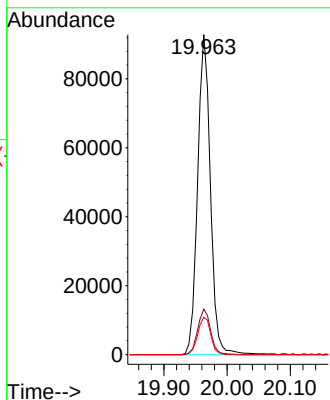
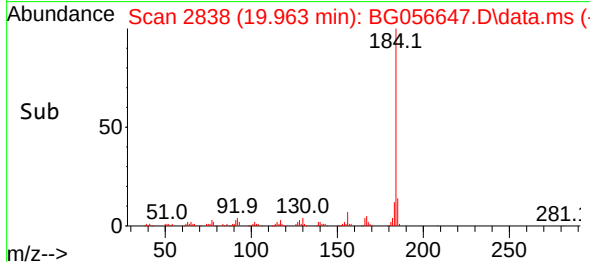
Instrument :
BNA_G
ClientSampleId :
PB150875BS



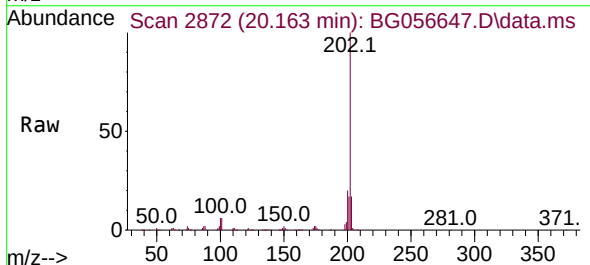
Tgt Ion:184 Resp: 130362
Ion Ratio Lower Upper
184 100
185 14.2 10.6 15.8
183 11.7 9.4 14.0

Manual Integrations
APPROVED

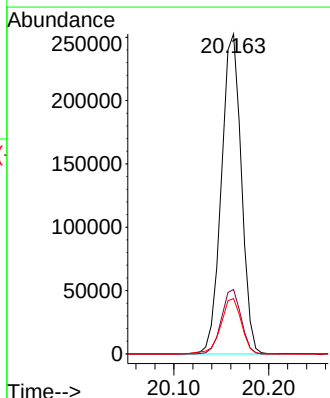
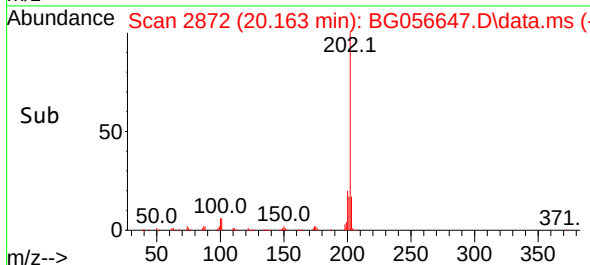
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

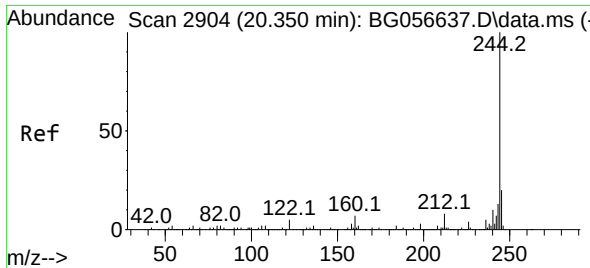


#78
Pyrene
Concen: 47.286 ng
RT: 20.163 min Scan# 2872
Delta R.T. 0.001 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



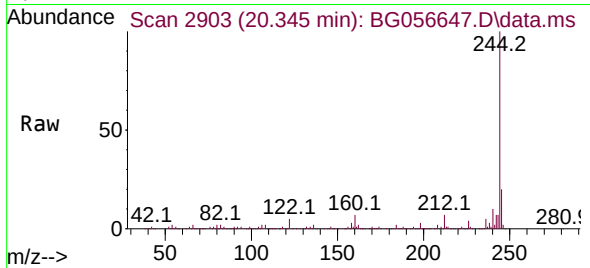
Tgt Ion:202 Resp: 368648
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.3 14.2 21.4





#79
 Terphenyl-d14
 Concen: 99.355 ng
 RT: 20.345 min Scan# 2903
 Delta R.T. -0.005 min
 Lab File: BG056647.D
 Acq: 16 Feb 2023 00:45

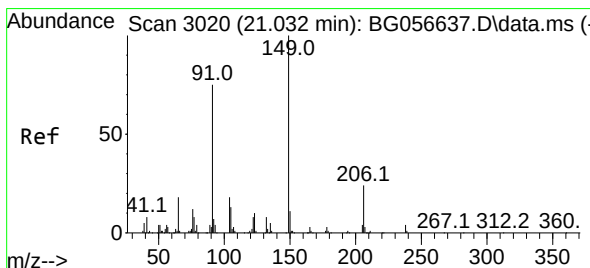
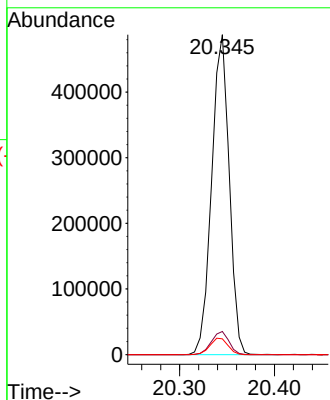
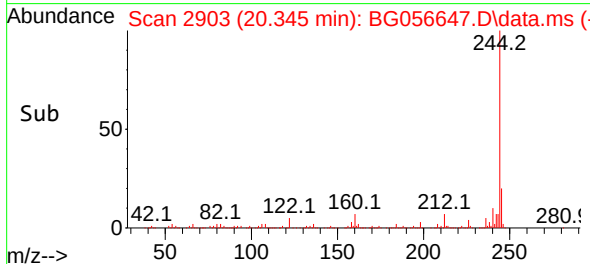
Instrument :
 BNA_G
 ClientSampleId :
 PB150875BS



Tgt Ion:244 Resp: 626878
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 4.9 3.8 5.8

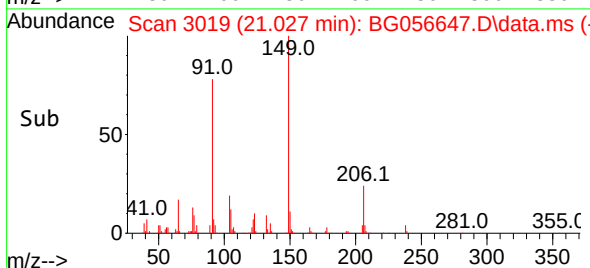
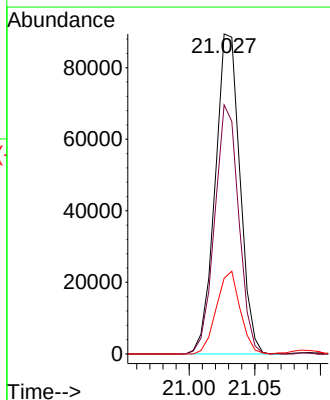
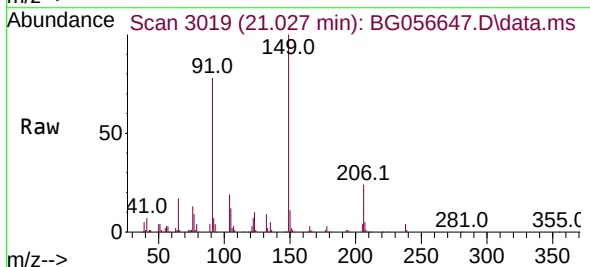
Manual Integrations
 APPROVED

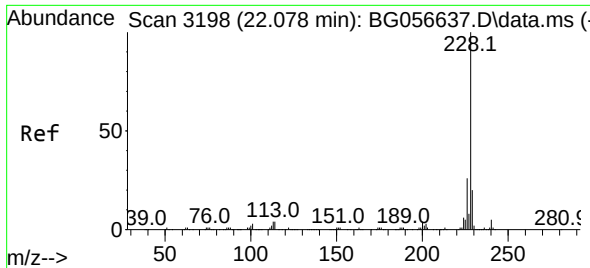
Reviewed By :Christian Giraldo 02/16/2023
 Supervised By :Jagrut Upadhyay 02/16/2023



#80
 Butylbenzylphthalate
 Concen: 50.207 ng
 RT: 21.027 min Scan# 3019
 Delta R.T. -0.005 min
 Lab File: BG056647.D
 Acq: 16 Feb 2023 00:45

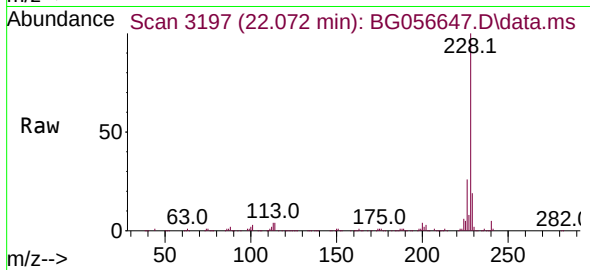
Tgt Ion:149 Resp: 117541
 Ion Ratio Lower Upper
 149 100
 91 77.8 60.3 90.5
 206 23.6 19.0 28.6





#81
Benzo(a)anthracene
Concen: 47.236 ng
RT: 22.072 min Scan# 3197
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

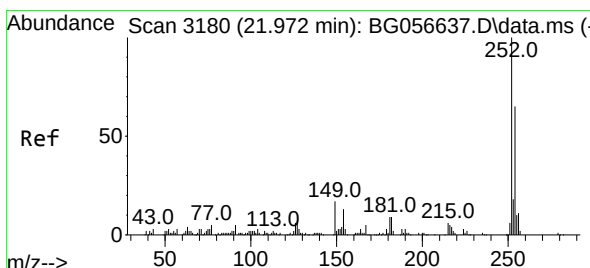
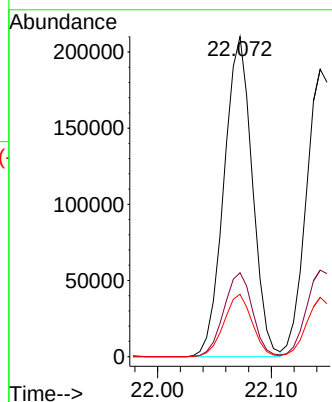
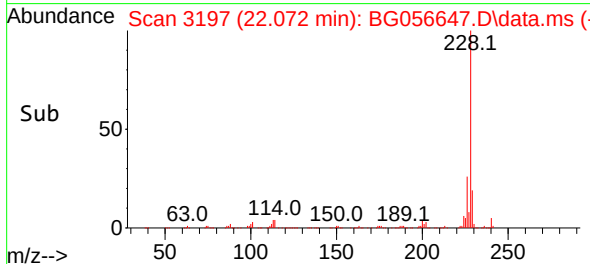
Instrument :
BNA_G
ClientSampleId :
PB150875BS



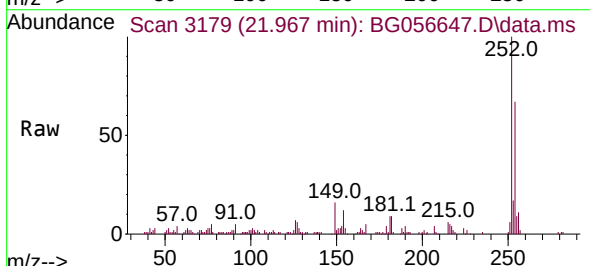
Tgt Ion:228 Resp: 362629
Ion Ratio Lower Upper
228 100
226 26.2 20.4 30.6
229 19.5 16.0 24.0

Manual Integrations
APPROVED

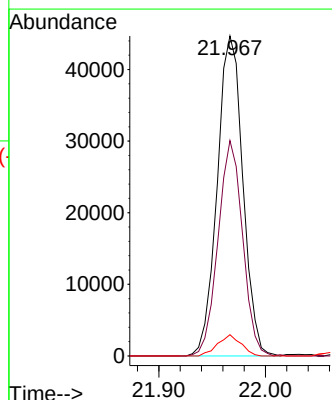
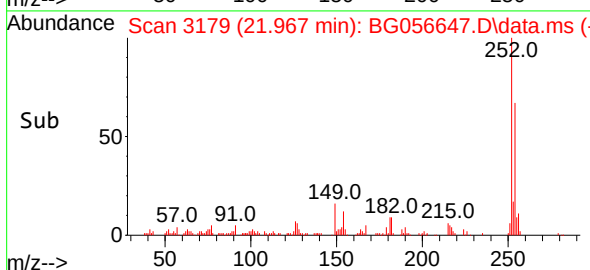
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

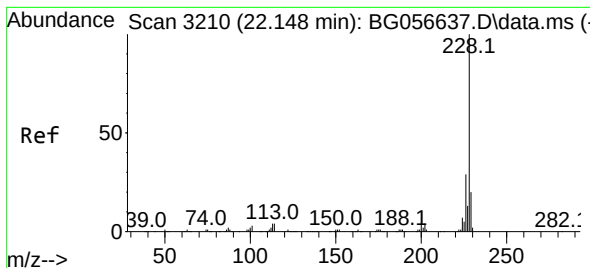


#82
3,3'-Dichlorobenzidine
Concen: 30.051 ng
RT: 21.967 min Scan# 3179
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:252 Resp: 74849
Ion Ratio Lower Upper
252 100
254 67.3 52.2 78.2
126 6.6 4.9 7.3





#83

Chrysene

Concen: 46.767 ng

RT: 22.143 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

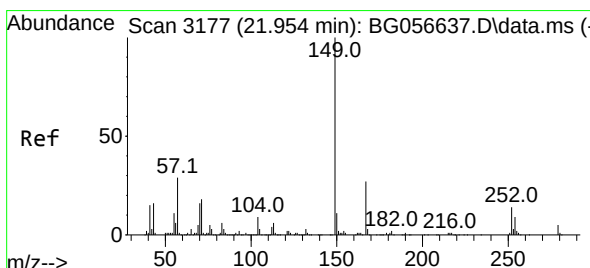
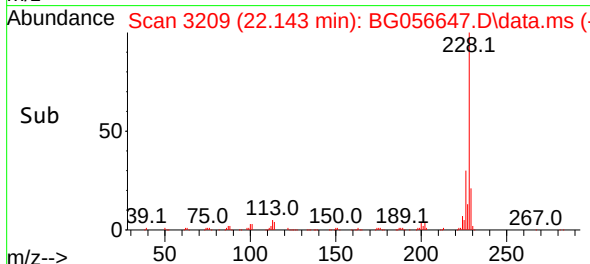
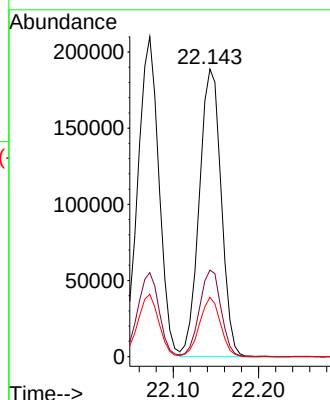
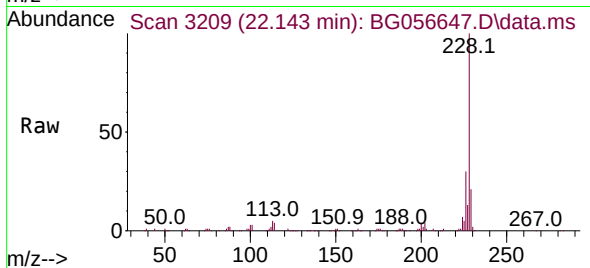
PB150875BS

Tgt Ion:	228	Resp:	335639
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.0	34.6
229	20.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.518 ng

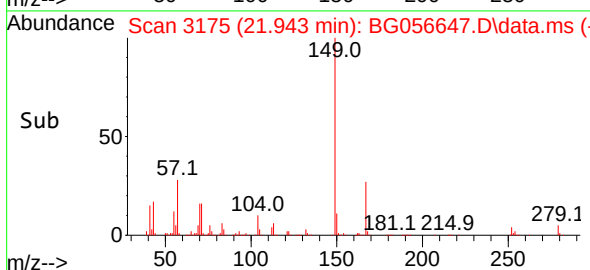
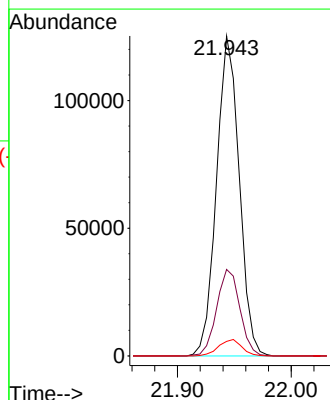
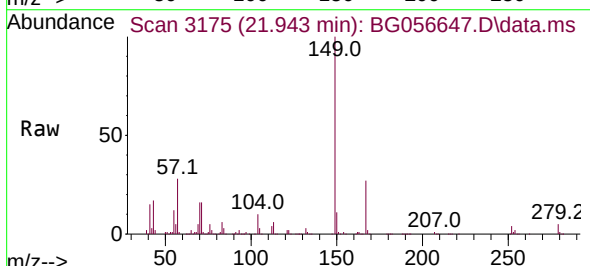
RT: 21.943 min Scan# 3175

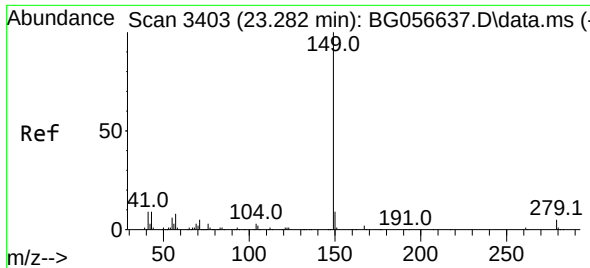
Delta R.T. -0.011 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

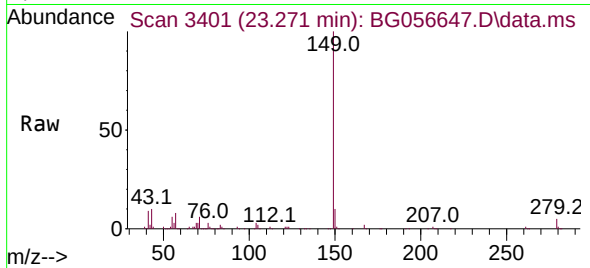
Tgt Ion:	149	Resp:	173713
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.4	32.0
279	4.5	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 50.897 ng
RT: 23.271 min Scan# 3403
Delta R.T. -0.011 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

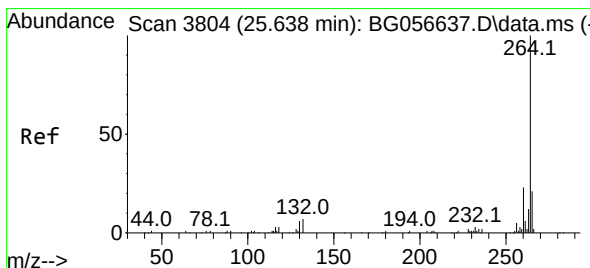
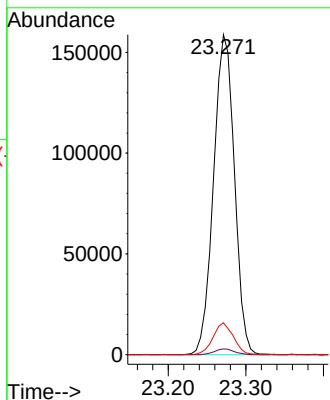
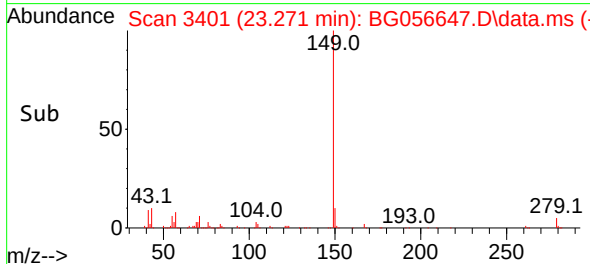
Instrument :
BNA_G
ClientSampleId :
PB150875BS



Tgt Ion:149 Resp: 296776
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.7 7.8 11.6

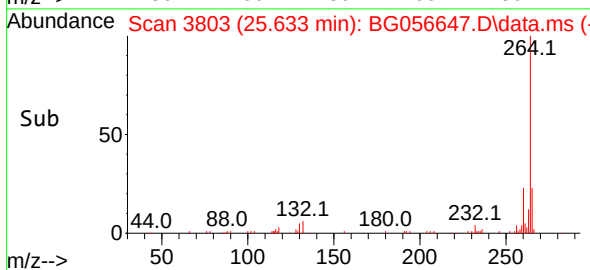
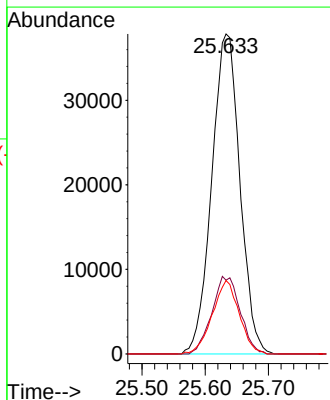
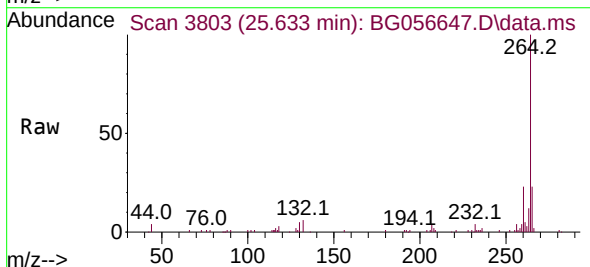
Manual Integrations
APPROVED

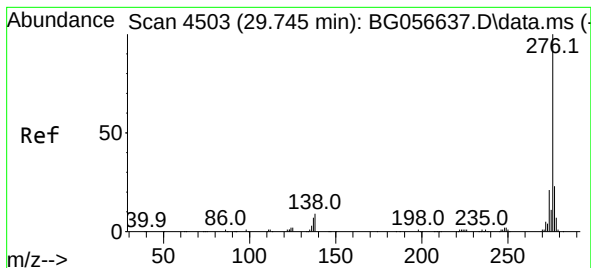
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.633 min Scan# 3803
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

Tgt Ion:264 Resp: 117161
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 22.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.064 ng

RT: 29.734 min Scan# 4501

Delta R.T. -0.011 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

Instrument :

BNA_G

ClientSampleId :

PB150875BS

Tgt Ion:276 Resp: 450200

Ion Ratio Lower Upper

276 100

138 7.5 3.8 5.8

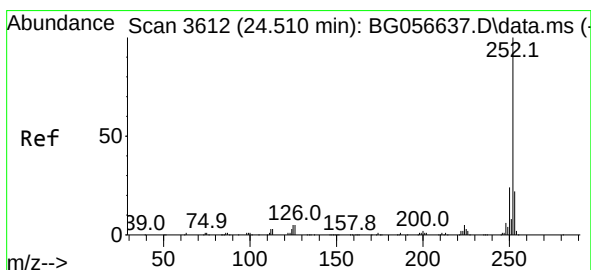
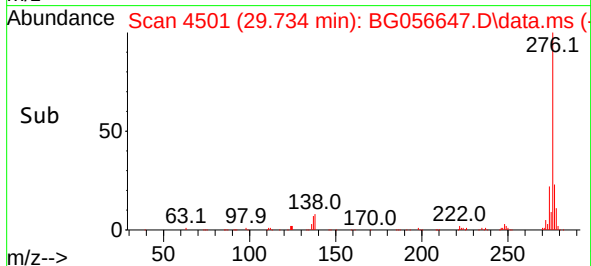
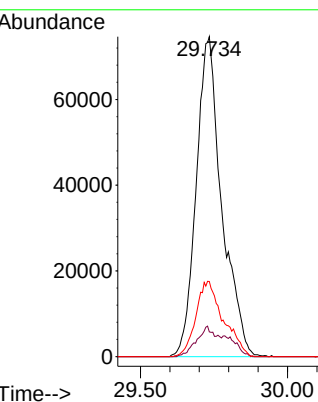
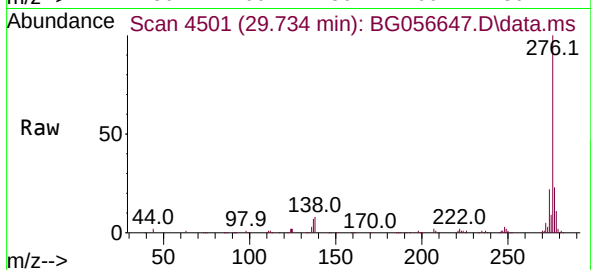
277 25.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/16/2023

Supervised By :Jagrut Upadhyay 02/16/2023



#88

Benzo(b)fluoranthene

Concen: 49.452 ng

RT: 24.505 min Scan# 3611

Delta R.T. -0.005 min

Lab File: BG056647.D

Acq: 16 Feb 2023 00:45

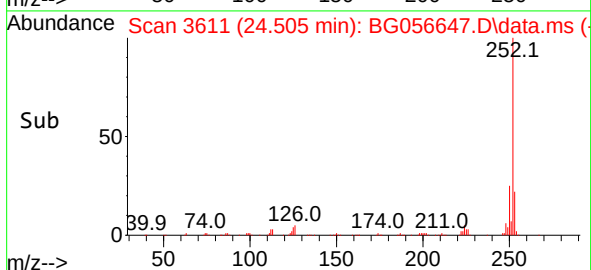
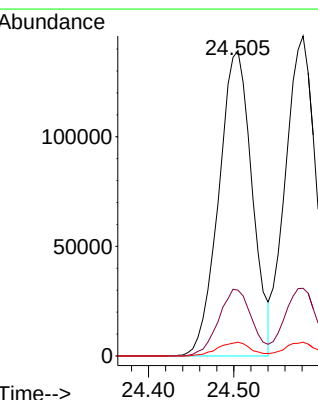
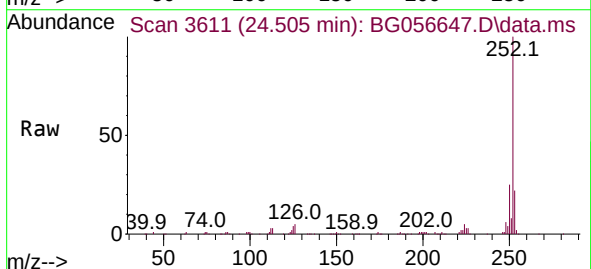
Tgt Ion:252 Resp: 378518

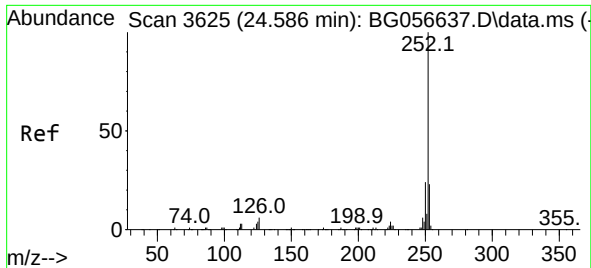
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

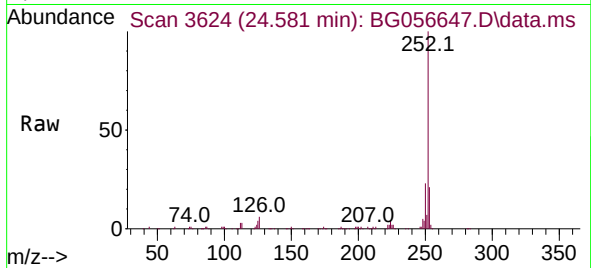
125 4.5 3.7 5.5





#89
Benzo(k)fluoranthene
Concen: 48.121 ng
RT: 24.581 min Scan# 3625
Delta R.T. -0.005 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

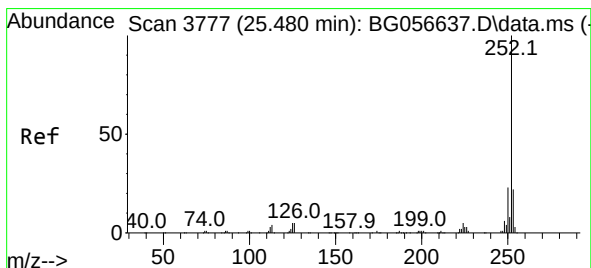
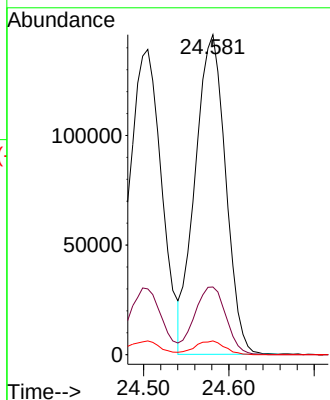
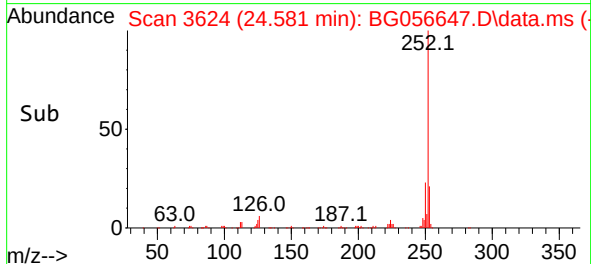
Instrument :
BNA_G
ClientSampleId :
PB150875BS



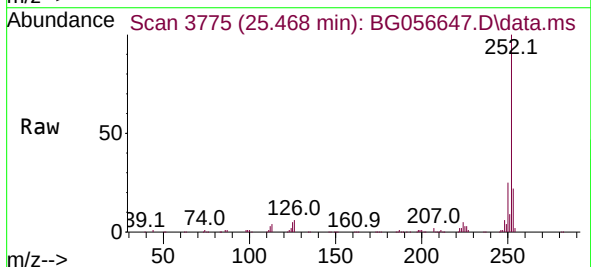
Tgt Ion:252 Resp: 362209
Ion Ratio Lower Upper
252 100
253 21.1 18.5 27.7
125 4.3 3.4 5.0

Manual Integrations
APPROVED

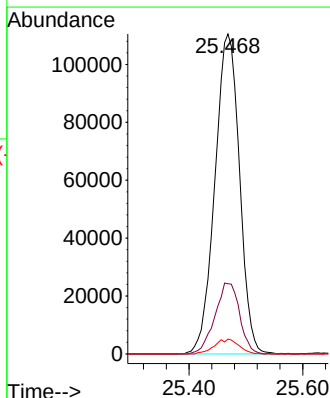
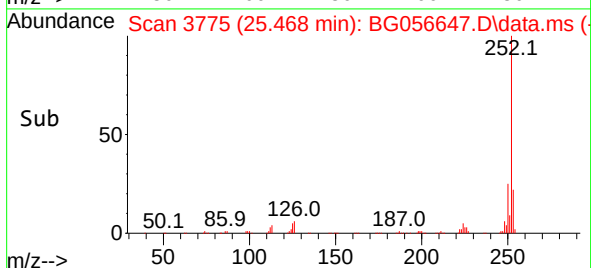
Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

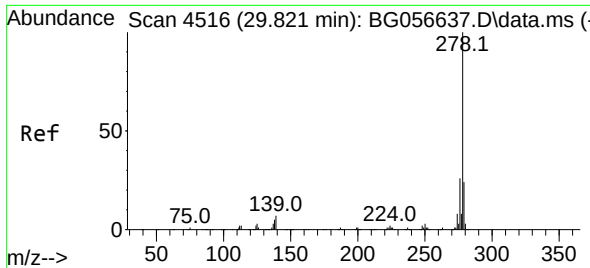


#90
Benzo(a)pyrene
Concen: 45.030 ng
RT: 25.468 min Scan# 3775
Delta R.T. -0.011 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



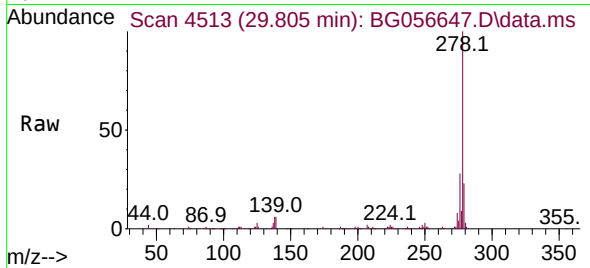
Tgt Ion:252 Resp: 331304
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 4.6 4.0 6.0





#91
Dibenzo(a,h)anthracene
Concen: 48.573 ng
RT: 29.805 min Scan# 4516
Delta R.T. -0.017 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45

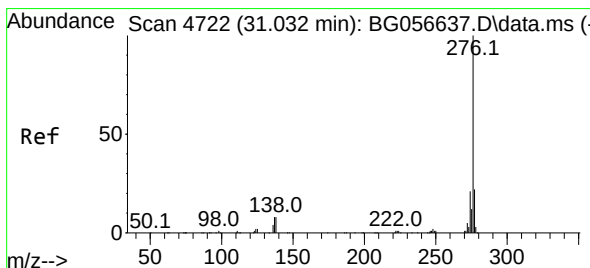
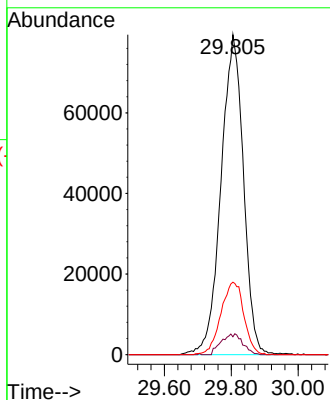
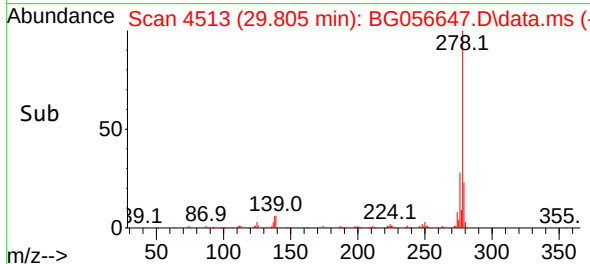
Instrument :
BNA_G
ClientSampleId :
PB150875BS



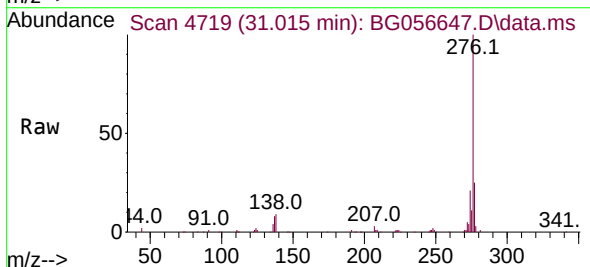
Tgt Ion:278 Resp: 369132
Ion Ratio Lower Upper
278 100
139 5.6 5.8 8.8
279 22.6 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023



#92
Benzo(g,h,i)perylene
Concen: 48.450 ng
RT: 31.015 min Scan# 4719
Delta R.T. -0.017 min
Lab File: BG056647.D
Acq: 16 Feb 2023 00:45



Tgt Ion:276 Resp: 359773
Ion Ratio Lower Upper
276 100
277 25.2 17.5 26.3
138 8.7 6.4 9.6

