

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055123.D
 Acq On : 11 Oct 2022 11:33
 Operator : CG/JU
 Sample : PB148225BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148225BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/12/2022
 Supervised By : Jagrut Upadhyay 10/12/2022

Quant Time: Oct 12 06:17:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	34665	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	156509	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	114875	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	284753	20.000	ng	0.00
76) Chrysene-d12	21.966	240	270569	20.000	ng	0.00
86) Perylene-d12	25.409	264	284912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	272253	174.444	ng	0.00
7) Phenol-d6	7.460	99	361592	154.632	ng	0.00
23) Nitrobenzene-d5	9.499	82	224813	85.832	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	219797	181.502	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	585904	79.623	ng	0.00
79) Terphenyl-d14	20.245	244	1137788	84.994	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	24038	27.222	ng	97
3) Pyridine	4.087	79	67038	25.246	ng	92
4) n-Nitrosodimethylamine	3.999	42	51509	33.920	ng	91
6) Aniline	7.642	93	138854	40.584	ng	96
8) 2-Chlorophenol	7.889	128	103876	57.864	ng	93
9) Benzaldehyde	7.448	77	66217	35.249	ng	96
10) Phenol	7.489	94	134653	50.673	ng	98
11) bis(2-Chloroethyl)ether	7.730	93	88740	40.745	ng	98
12) 1,3-Dichlorobenzene	8.218	146	106391	43.056	ng	95
13) 1,4-Dichlorobenzene	8.365	146	105806	42.312	ng	96
14) 1,2-Dichlorobenzene	8.688	146	105323	43.352	ng	98
15) Benzyl Alcohol	8.558	79	103988	49.510	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.852	45	150824	36.560	ng	98
17) 2-Methylphenol	8.752	107	96727	51.665	ng	95
18) Hexachloroethane	9.428	117	35947	45.335	ng	85
19) n-Nitroso-di-n-propyla...	9.134	70	86155	38.035	ng	# 91
20) 3+4-Methylphenols	9.081	107	131180	50.313	ng	98
22) Acetophenone	9.152	105	161244	40.627	ng	97
24) Nitrobenzene	9.546	77	123385	43.385	ng	# 87
25) Isophorone	10.068	82	236270	42.443	ng	97
26) 2-Nitrophenol	10.256	139	60834	73.260	ng	# 87
27) 2,4-Dimethylphenol	10.304	122	111543	58.451	ng	98
28) bis(2-Chloroethoxy)met...	10.544	93	128419	45.084	ng	98
29) 2,4-Dichlorophenol	10.791	162	116168	49.633	ng	97
30) 1,2,4-Trichlorobenzene	11.014	180	114871	42.026	ng	98
31) Naphthalene	11.214	128	327310	39.625	ng	99
32) Benzoic acid	10.427	122	84775	63.066	ng	88
33) 4-Chloroaniline	11.302	127	113481	33.224	ng	99
34) Hexachlorobutadiene	11.490	225	75388	42.535	ng	99
35) Caprolactam	12.072	113	41292m	55.622	ng	
36) 4-Chloro-3-methylphenol	12.395	107	127002	47.673	ng	95
37) 2-Methylnaphthalene	12.789	142	243443	39.992	ng	98
38) 1-Methylnaphthalene	13.006	142	232392	39.248	ng	98
40) 1,2,4,5-Tetrachloroben...	13.147	216	143613	42.817	ng	99
41) Hexachlorocyclopentadiene	13.130	237	187832	130.048	ng	98
43) 2,4,6-Trichlorophenol	13.376	196	106412	51.757	ng	99

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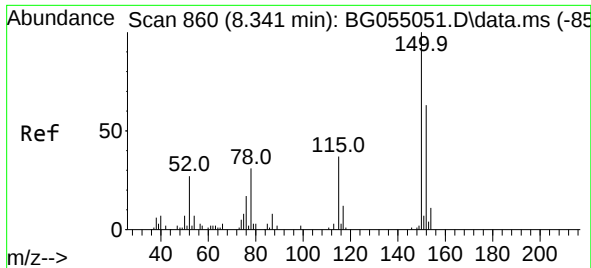
Manual Integrations
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 QLast Update : Sat Oct 08 03:04:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	115758	50.013	ng	97
46) 1,1'-Biphenyl	13.776	154	341027	43.298	ng	98
47) 2-Chloronaphthalene	13.823	162	264375	41.656	ng	98
48) 2-Nitroaniline	14.011	65	91111	50.763	ng	100
49) Acenaphthylene	14.663	152	431163	41.025	ng	100
50) Dimethylphthalate	14.381	163	375210	48.123	ng	99
51) 2,6-Dinitrotoluene	14.499	165	80318	50.122	ng	# 80
52) Acenaphthene	14.998	154	313469	48.036	ng	98
53) 3-Nitroaniline	14.828	138	74085	40.361	ng	93
54) 2,4-Dinitrophenol	15.027	184	105415	145.457	ng	# 47
55) Dibenzofuran	15.333	168	433293	41.617	ng	98
56) 4-Nitrophenol	15.116	139	148357	102.284	ng	95
57) 2,4-Dinitrotoluene	15.280	165	117444	53.426	ng	# 83
58) Fluorene	15.973	166	345625	41.484	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.544	232	107654	50.339	ng	99
60) Diethylphthalate	15.727	149	385959	47.975	ng	99
61) 4-Chlorophenyl-phenyle...	15.962	204	197757	43.666	ng	99
62) 4-Nitroaniline	15.985	138	91154	48.598	ng	95
63) Azobenzene	16.255	77	332886	36.739	ng	96
65) 4,6-Dinitro-2-methylph...	16.038	198	68265	64.317	ng	91
66) n-Nitrosodiphenylamine	16.173	169	318782	42.987	ng	98
67) 4-Bromophenyl-phenylether	16.855	248	135113	44.866	ng	92
68) Hexachlorobenzene	16.972	284	152129	43.693	ng	98
69) Atrazine	17.107	200	141675	58.638	ng	99
70) Pentachlorophenol	17.313	266	195687	98.031	ng	95
71) Phenanthrene	17.712	178	604526	40.416	ng	100
72) Anthracene	17.806	178	612316	42.090	ng	99
73) Carbazole	18.065	167	567373	44.433	ng	100
74) Di-n-butylphthalate	18.606	149	680773	51.072	ng	99
75) Fluoranthene	19.698	202	747368	40.051	ng	98
77) Benzidine	19.869	184	383989	82.381	ng	99
78) Pyrene	20.063	202	745618	41.443	ng	98
80) Butylbenzylphthalate	20.926	149	288773	50.934	ng	97
81) Benzo(a)anthracene	21.943	228	710328	41.327	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	237280	47.488	ng	97
83) Chrysene	22.013	228	657357	39.681	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	415368	49.202	ng	99
85) Di-n-octyl phthalate	23.118	149	701835	49.494	ng	95
87) Indeno(1,2,3-cd)pyrene	29.381	276	876729	42.641	ng	98
88) Benzo(b)fluoranthene	24.311	252	761492	45.361	ng	100
89) Benzo(k)fluoranthene	24.387	252	745329	44.071	ng	100
90) Benzo(a)pyrene	25.251	252	678762	47.176	ng	98
91) Dibenzo(a,h)anthracene	29.458	278	764123	45.749	ng	100
92) Benzo(g,h,i)perylene	30.638	276	750165	44.742	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.329 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: BG055123.D
 Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

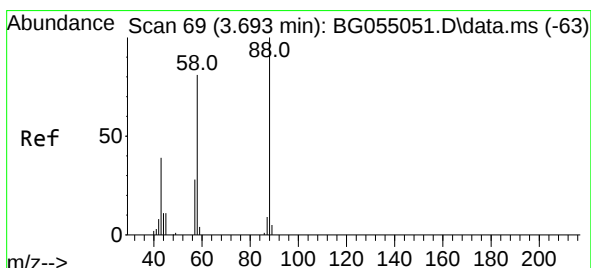
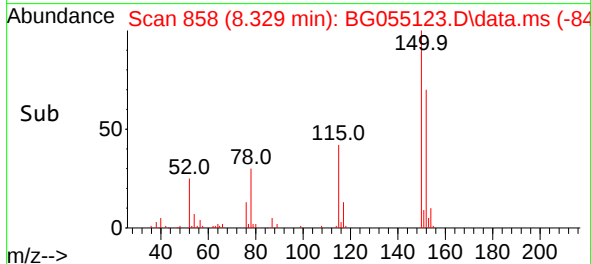
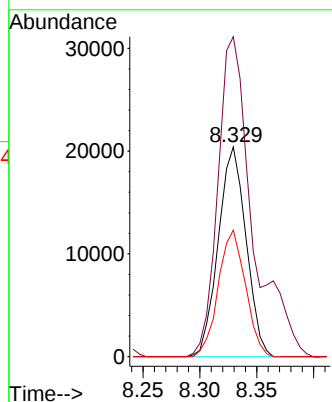
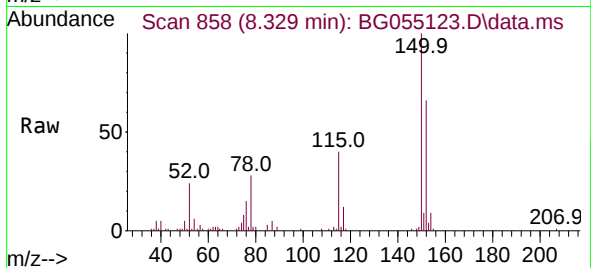
ClientSampleId :

PB148225BS

Tgt Ion:152 Resp: 3466
 Ion Ratio Lower Upper
 152 100
 150 152.6 128.0 192.0
 115 60.3 47.7 71.5

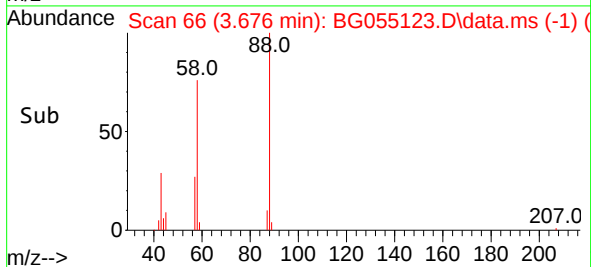
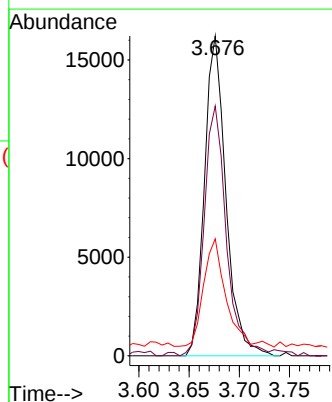
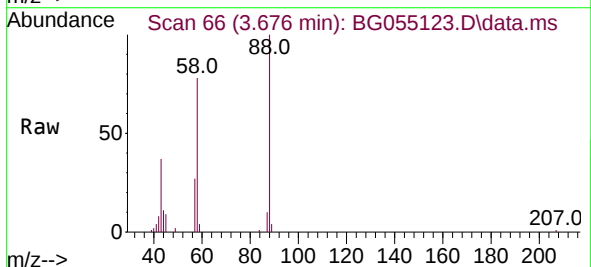
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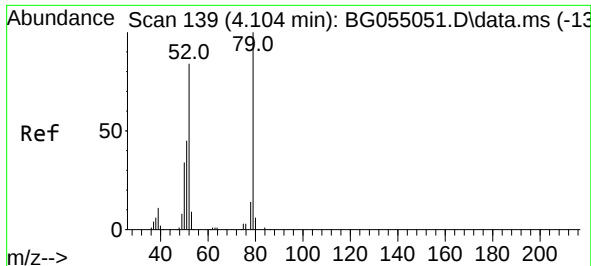
Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022



#2
 1,4-Dioxane
 Concen: 27.222 ng
 RT: 3.676 min Scan# 66
 Delta R.T. -0.008 min
 Lab File: BG055123.D
 Acq: 11 Oct 2022 11:33

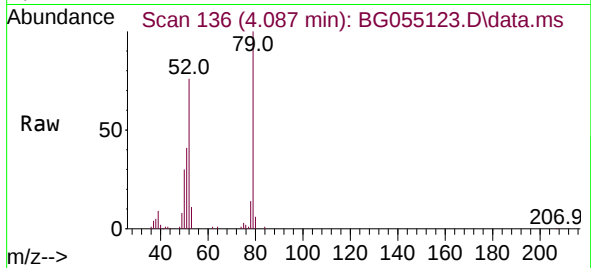
Tgt Ion: 88 Resp: 24038
 Ion Ratio Lower Upper
 88 100
 58 81.7 62.6 94.0
 43 35.6 29.0 43.6





#3
Pyridine
Concen: 25.246 ng
RT: 4.087 min Scan# 139
Delta R.T. -0.014 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

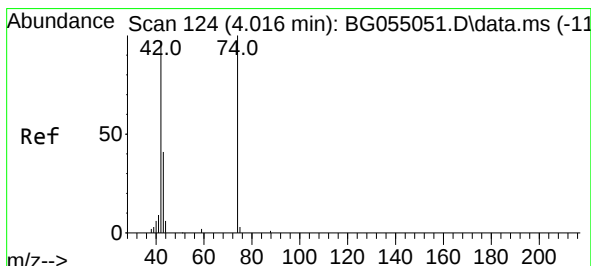
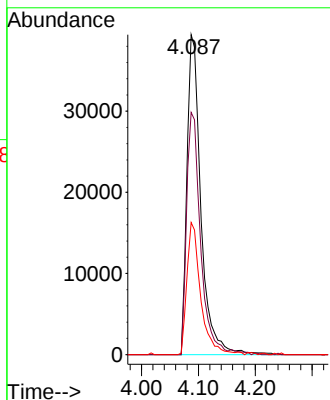
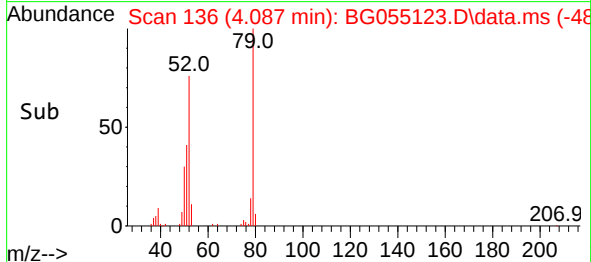
Instrument :
BNA_G
ClientSampleId :
PB148225BS



Tgt Ion: 79 Resp: 67038
Ion Ratio Lower Upper
79 100
52 75.7 66.8 100.2
51 41.3 37.3 55.9

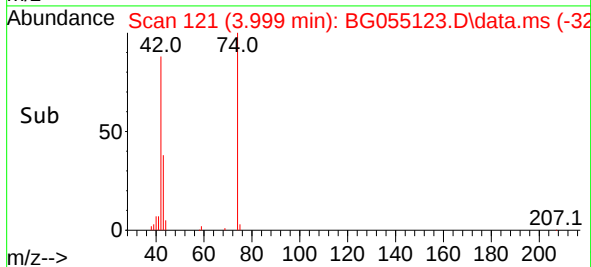
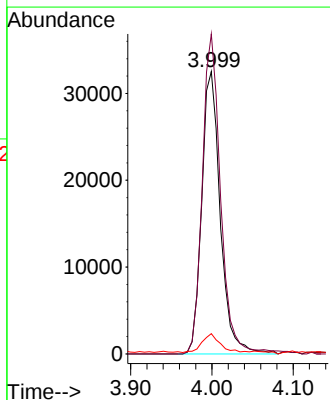
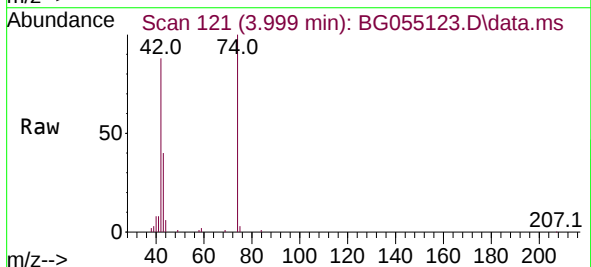
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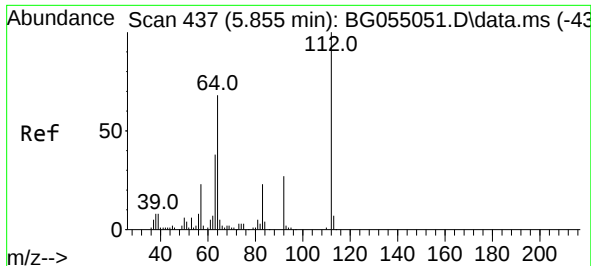
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#4
n-Nitrosodimethylamine
Concen: 33.920 ng
RT: 3.999 min Scan# 121
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

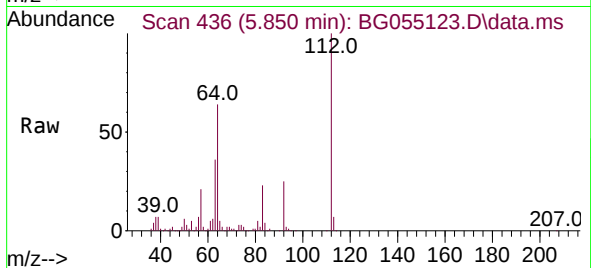
Tgt Ion: 42 Resp: 51509
Ion Ratio Lower Upper
42 100
74 113.3 82.6 124.0
44 7.2 7.0 10.6





#5
2-Fluorophenol
Concen: 174.444 ng
RT: 5.850 min Scan# 437
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

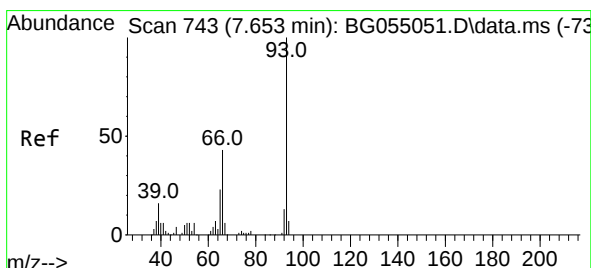
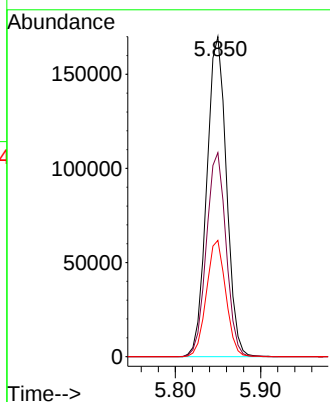
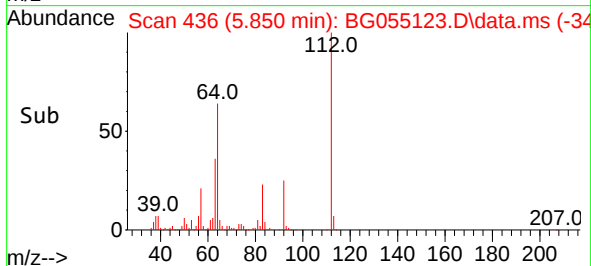
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Tgt Ion: 112 Resp: 272253
Ion Ratio Lower Upper
112 100
64 63.7 54.5 81.7
63 36.3 30.5 45.7

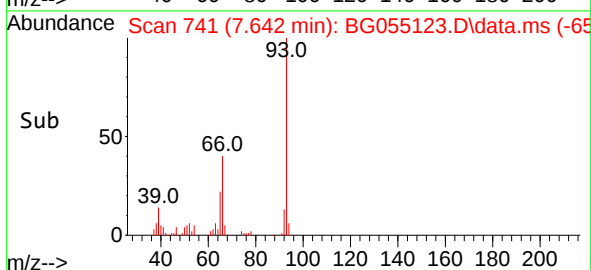
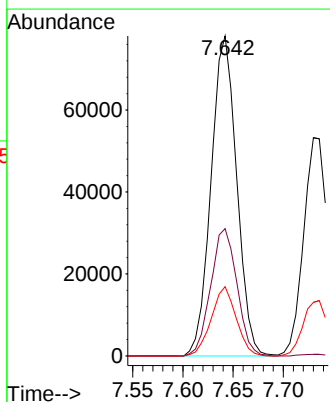
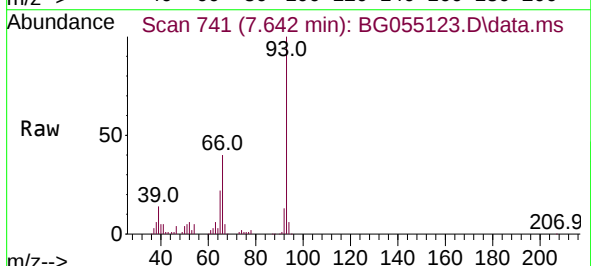
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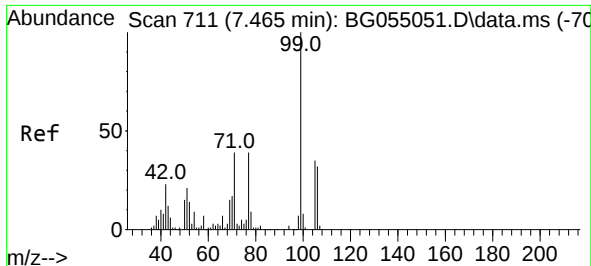
Reviewed By :Christian Giraldo 10/12/2022
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#6
Aniline
Concen: 40.584 ng
RT: 7.642 min Scan# 741
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

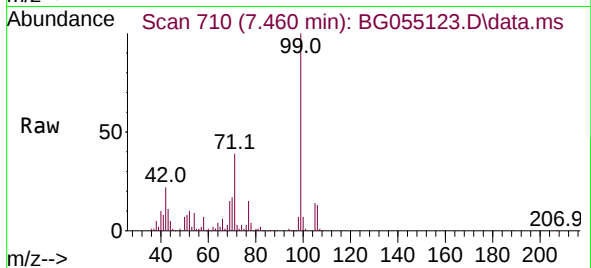
Tgt Ion: 93 Resp: 138854
Ion Ratio Lower Upper
93 100
66 39.8 34.6 52.0
65 21.6 18.2 27.2





#7
Phenol-d6
Concen: 154.632 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

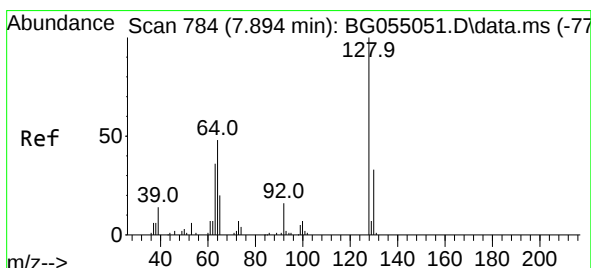
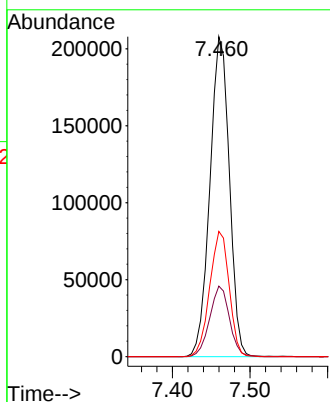
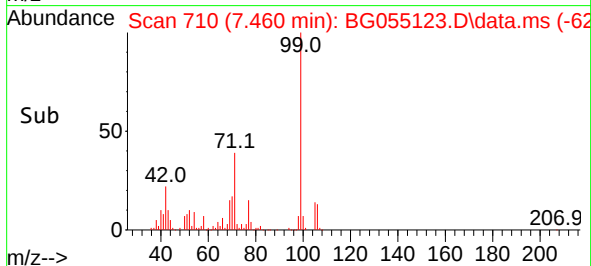
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Tgt Ion: 99 Resp: 361592
Ion Ratio Lower Upper
99 100
42 22.0 18.6 28.0
71 39.1 31.2 46.8

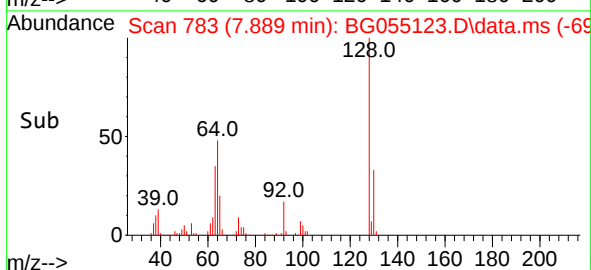
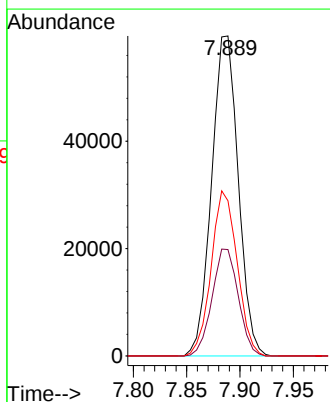
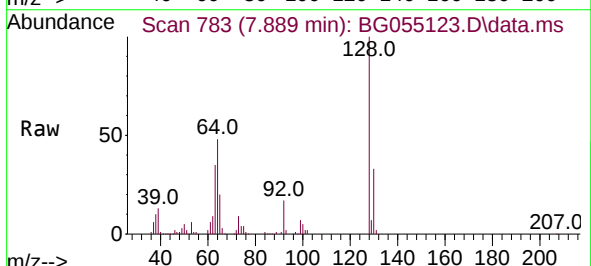
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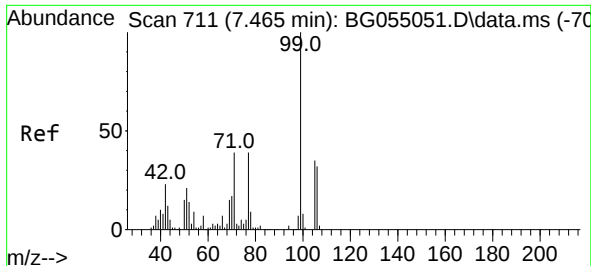
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#8
2-Chlorophenol
Concen: 57.864 ng
RT: 7.889 min Scan# 783
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:128 Resp: 103876
Ion Ratio Lower Upper
128 100
130 33.2 12.9 52.9
64 48.5 35.9 75.9





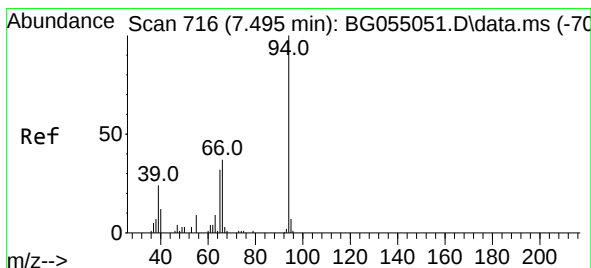
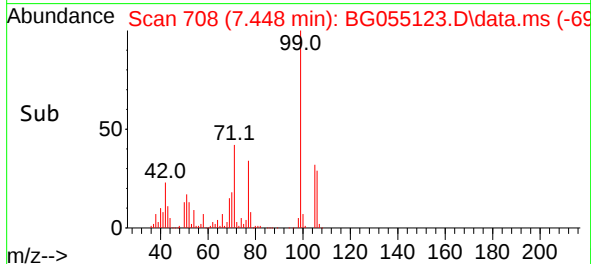
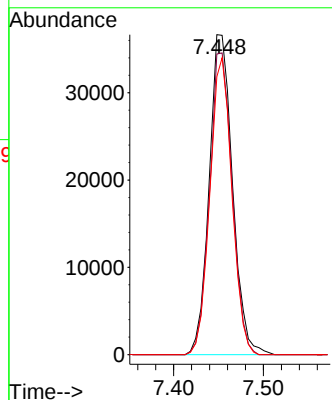
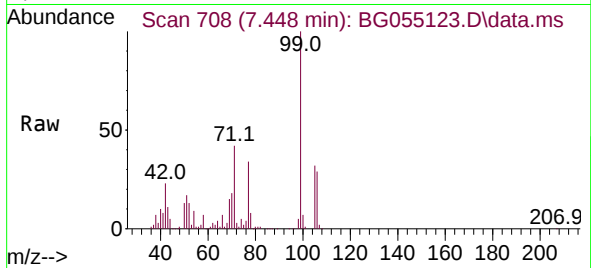
#9
Benzaldehyde
Concen: 35.249 ng
RT: 7.448 min Scan# 708
Delta R.T. -0.014 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion: 77 Resp: 6621
Ion Ratio Lower Upper
77 100
105 93.9 70.4 110.4
106 86.8 62.8 102.8

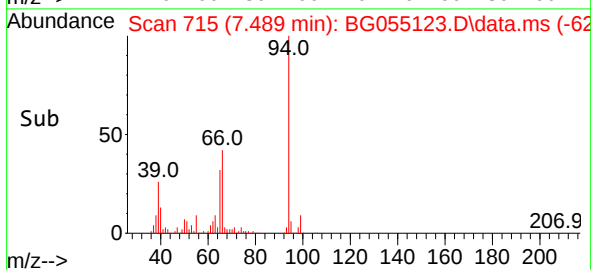
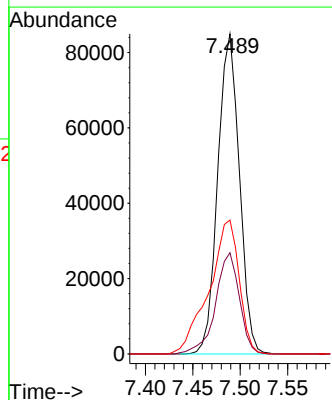
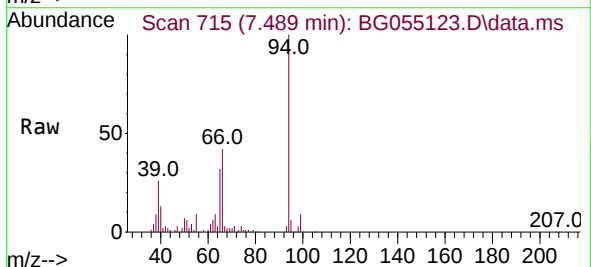
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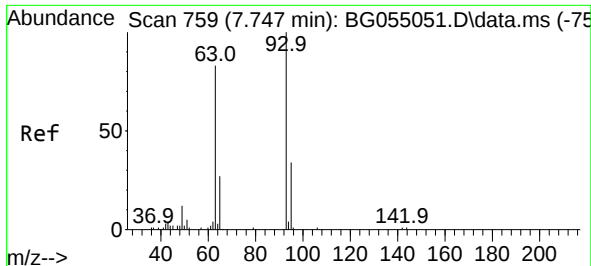
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#10
Phenol
Concen: 50.673 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion: 94 Resp: 134653
Ion Ratio Lower Upper
94 100
65 31.6 11.8 51.8
66 41.8 19.3 59.3





#11
bis(2-Chloroethyl)ether
Concen: 40.745 ng
RT: 7.730 min Scan# 759
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

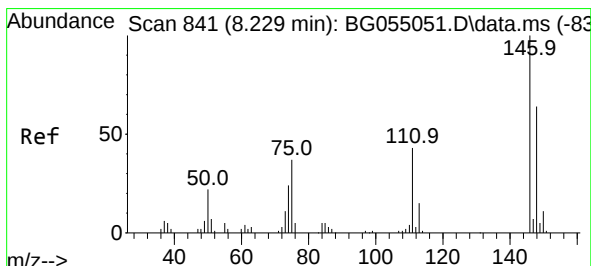
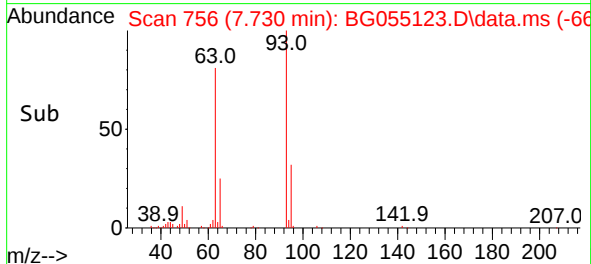
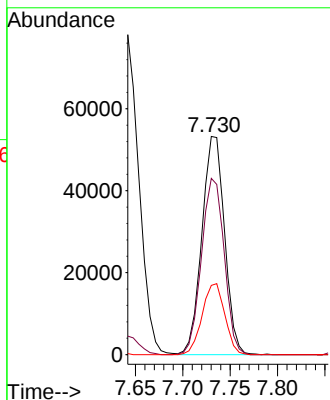
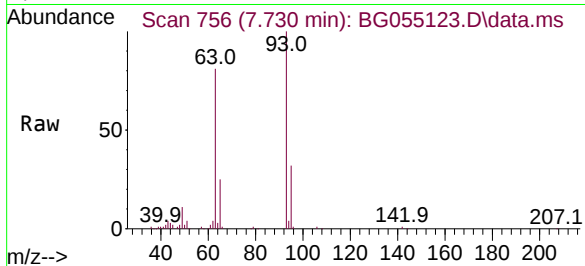
ClientSampleId :

PB148225BS

Tgt Ion: 93 Resp: 88740
Ion Ratio Lower Upper
93 100
63 80.8 62.5 102.5
95 31.7 13.6 53.6

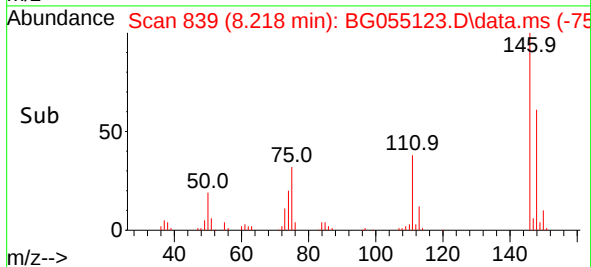
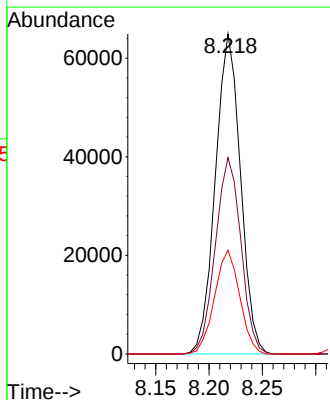
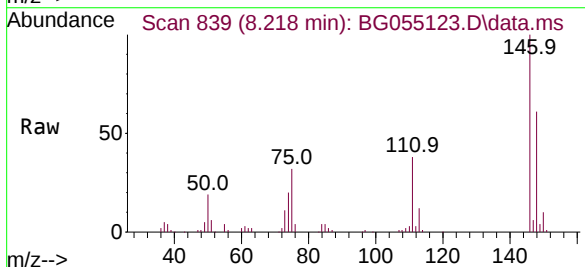
Manual Integrations
APPROVED

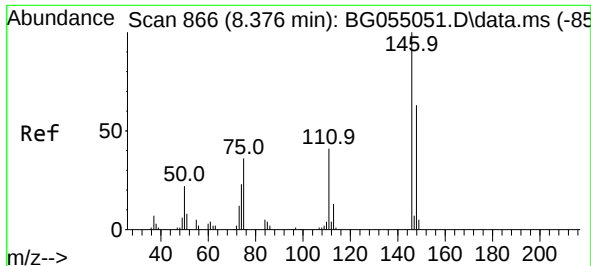
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#12
1,3-Dichlorobenzene
Concen: 43.056 ng
RT: 8.218 min Scan# 839
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

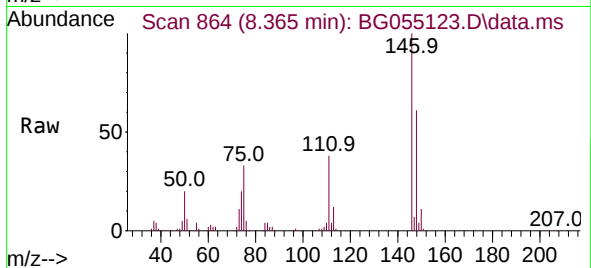
Tgt Ion:146 Resp: 106391
Ion Ratio Lower Upper
146 100
148 61.3 50.9 76.3
75 32.4 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 42.312 ng
RT: 8.365 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

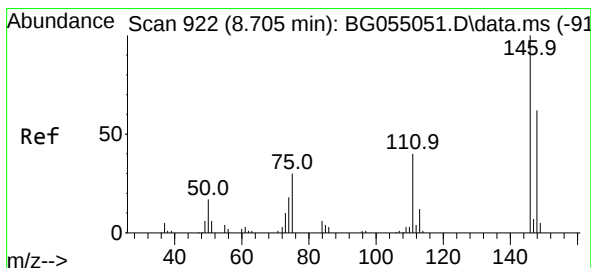
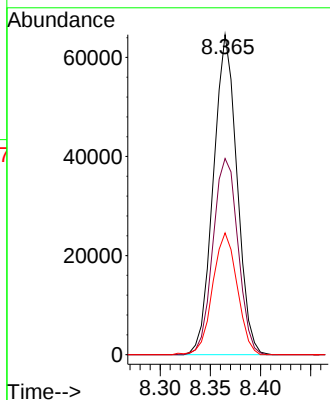
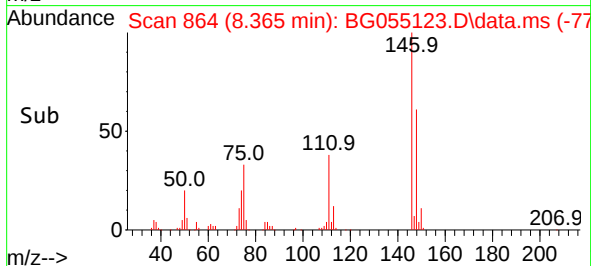
Instrument :
BNA_G
ClientSampleId :
PB148225BS



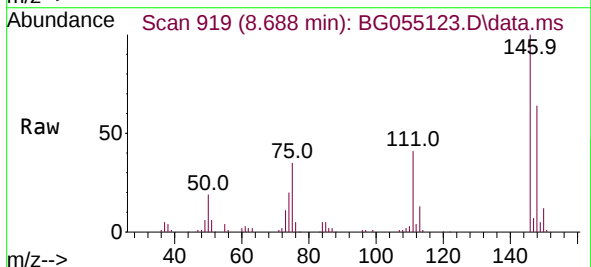
Tgt Ion:146 Resp: 105806
Ion Ratio Lower Upper
146 100
148 61.3 50.5 75.7
111 38.0 33.1 49.7

Manual Integrations
APPROVED

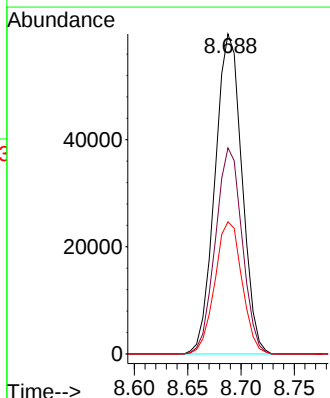
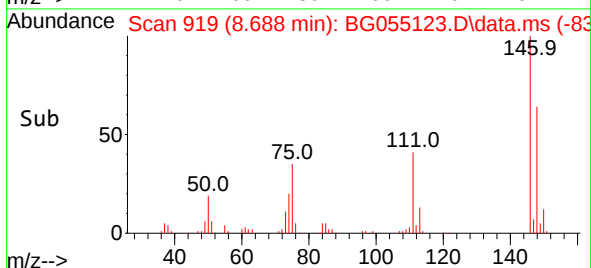
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

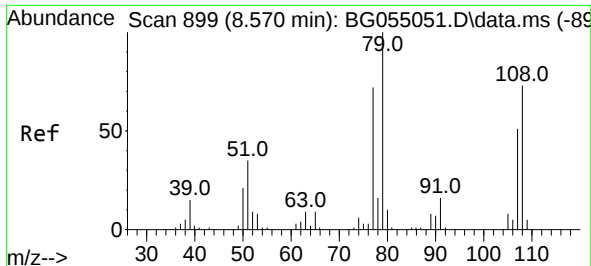


#14
1,2-Dichlorobenzene
Concen: 43.352 ng
RT: 8.688 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



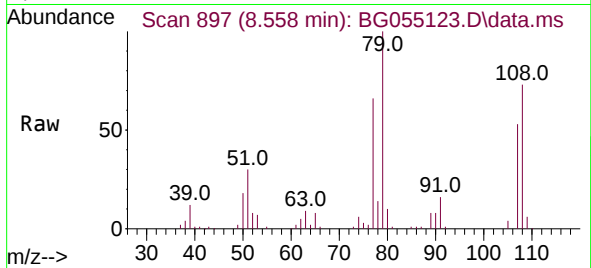
Tgt Ion:146 Resp: 105323
Ion Ratio Lower Upper
146 100
148 64.4 49.6 74.4
111 41.3 32.4 48.6





#15
Benzyl Alcohol
Concen: 49.510 ng
RT: 8.558 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

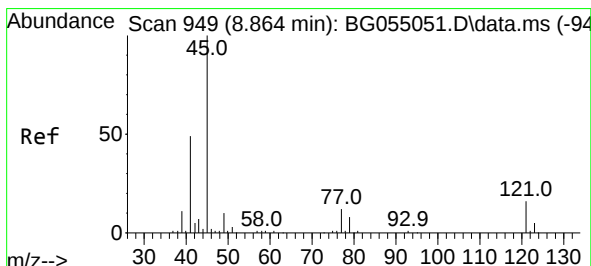
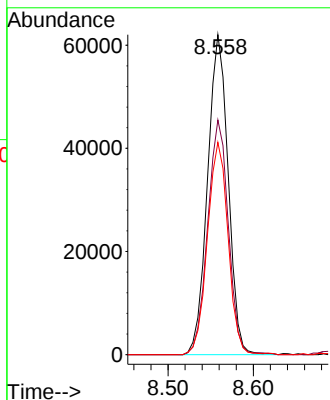
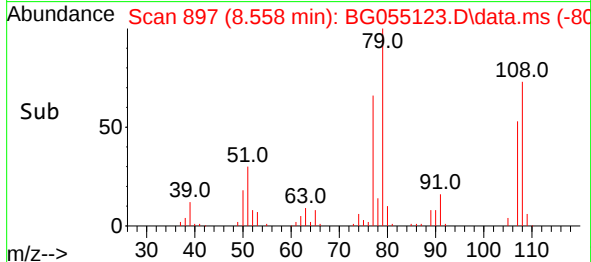
Instrument :
BNA_G
ClientSampleId :
PB148225BS



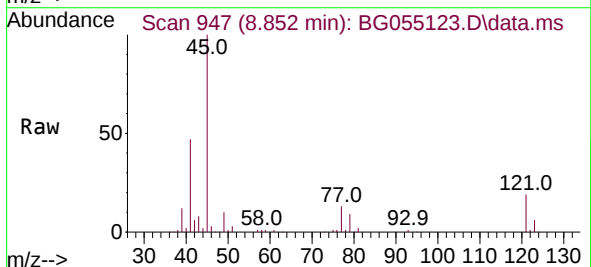
Tgt Ion: 79 Resp: 103988
Ion Ratio Lower Upper
79 100
108 73.3 58.6 87.8
77 66.3 57.8 86.6

Manual Integrations
APPROVED

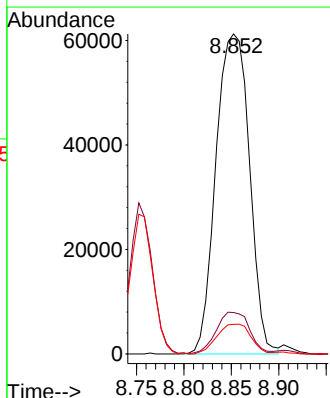
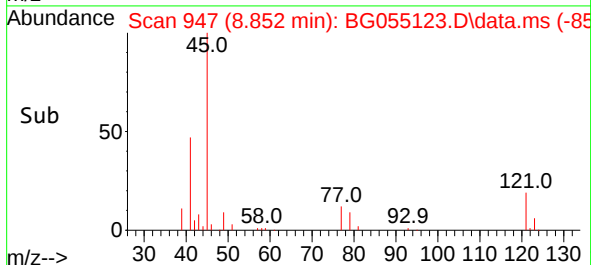
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

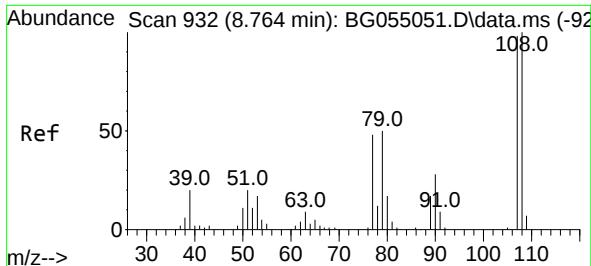


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.560 ng
RT: 8.852 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



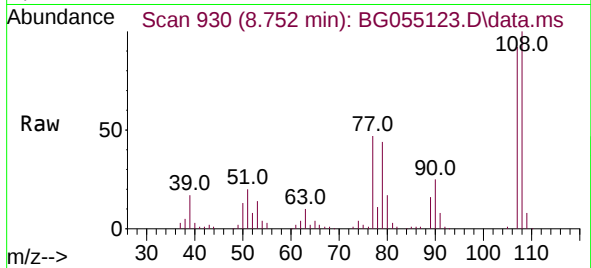
Tgt Ion: 45 Resp: 150824
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.1
79 9.2 0.0 28.7





#17
2-Methylphenol
Concen: 51.665 ng
RT: 8.752 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

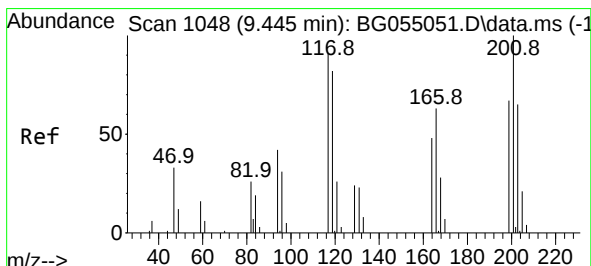
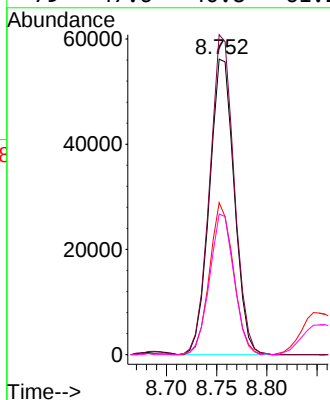
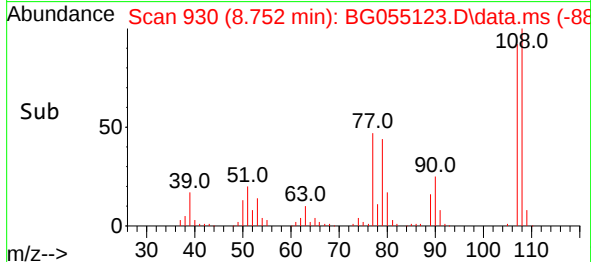
Instrument :
BNA_G
ClientSampleId :
PB148225BS



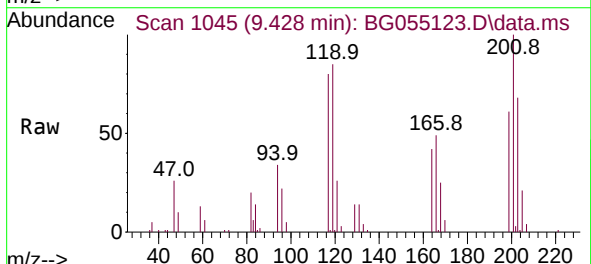
Tgt Ion:	107	Resp:	9672
Ion Ratio	Lower	Upper	
107	100		
108	108.3	81.8	122.6
77	51.4	39.4	59.2
79	47.6	40.8	61.2

Manual Integrations
APPROVED

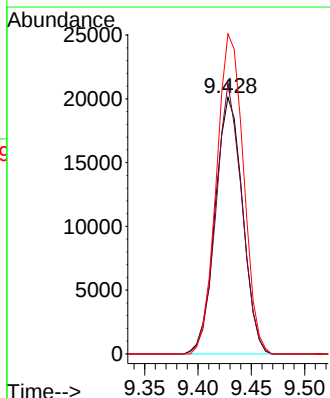
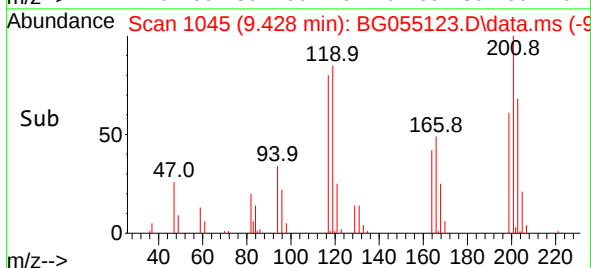
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

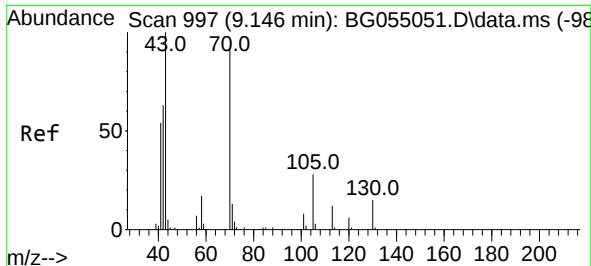


#18
Hexachloroethane
Concen: 45.335 ng
RT: 9.428 min Scan# 1045
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



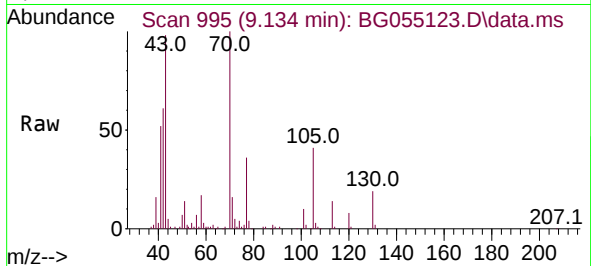
Tgt Ion:	117	Resp:	35947
Ion Ratio	Lower	Upper	
117	100		
119	105.5	72.2	108.2
201	124.8	88.2	132.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.035 ng
RT: 9.134 min Scan# 997
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

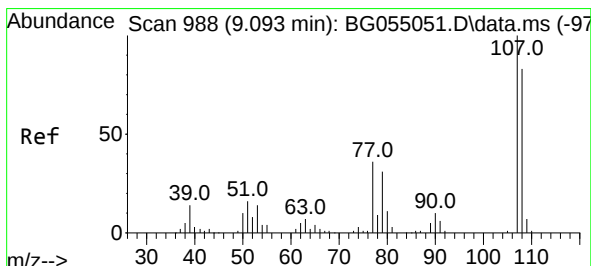
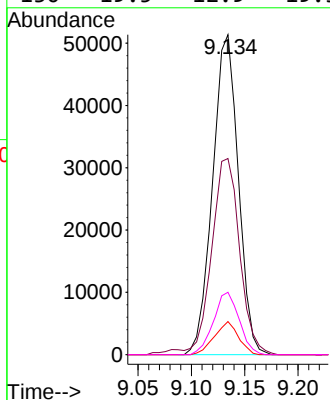
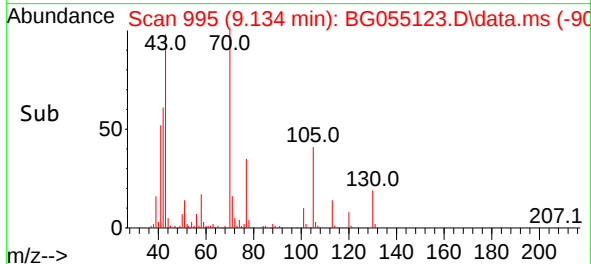
Instrument :
BNA_G
ClientSampleId :
PB148225BS



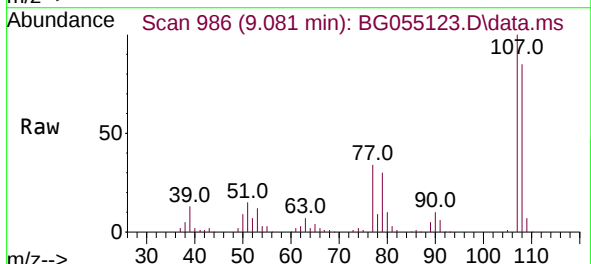
Tgt Ion: 70 Resp: 86155
Ion Ratio Lower Upper
70 100
42 61.3 55.8 83.6
101 10.4 7.1 10.7
130 19.5 12.9 19.3#

Manual Integrations
APPROVED

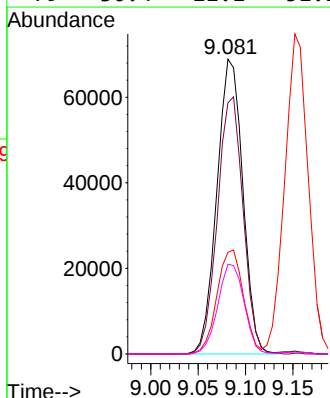
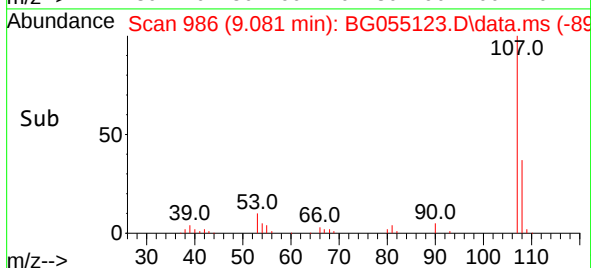
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

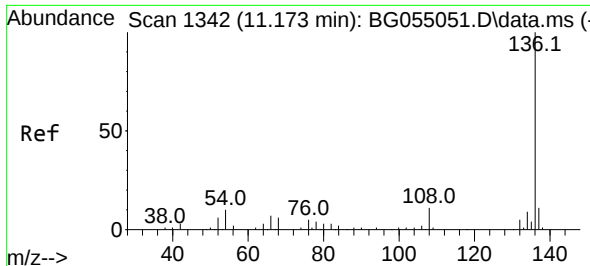


#20
3+4-Methylphenols
Concen: 50.313 ng
RT: 9.081 min Scan# 986
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:107 Resp: 131180
Ion Ratio Lower Upper
107 100
108 85.2 63.4 103.4
77 34.5 16.9 56.9
79 30.4 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1342
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

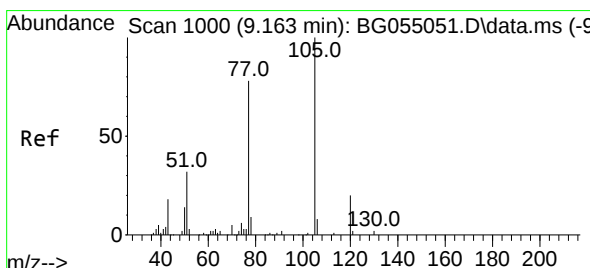
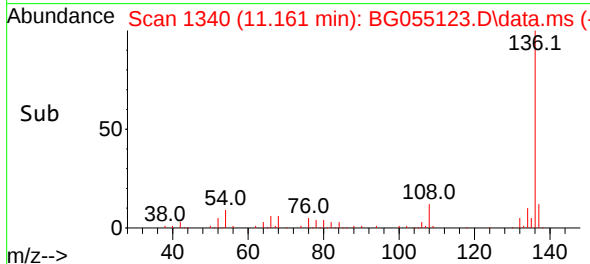
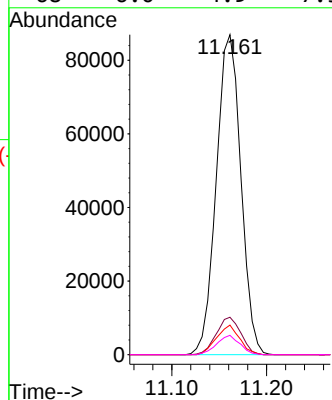
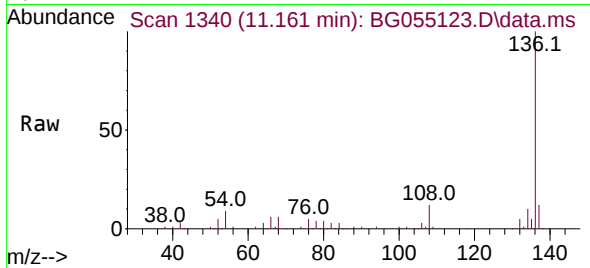
PB148225BS

Tgt Ion:136 Resp: 156509
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 9.2 8.2 12.4
68 6.0 4.9 7.3

Manual Integrations

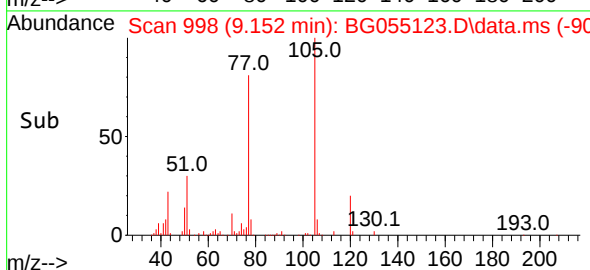
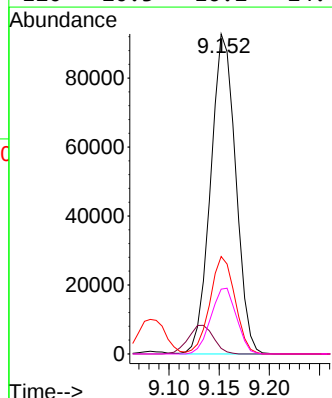
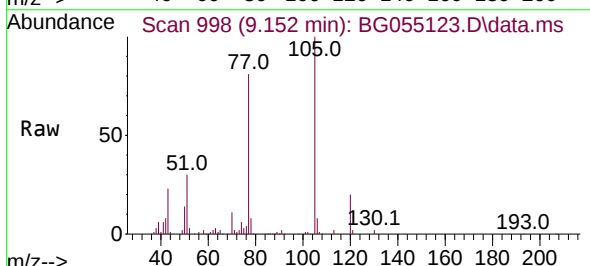
APPROVED

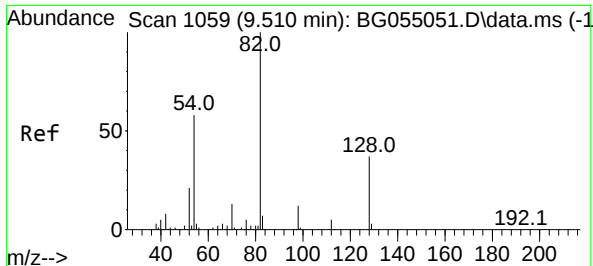
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#22
Acetophenone
Concen: 40.627 ng
RT: 9.152 min Scan# 998
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:105 Resp: 161244
Ion Ratio Lower Upper
105 100
71 1.7 1.4 2.2
51 30.4 26.3 39.5
120 20.3 16.2 24.4





#23

Nitrobenzene-d5

Concen: 85.832 ng

RT: 9.499 min Scan# 1057

Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

Tgt Ion: 82 Resp: 224813

Ion Ratio Lower Upper

82 100

128 42.7 29.5 44.3

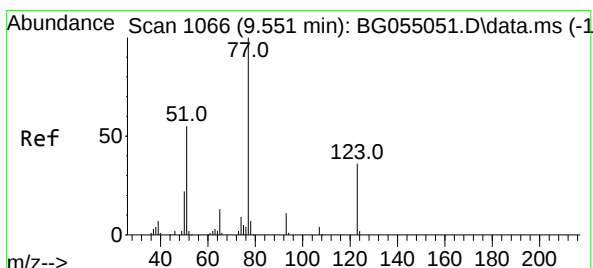
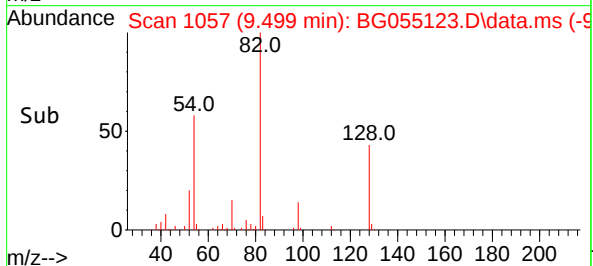
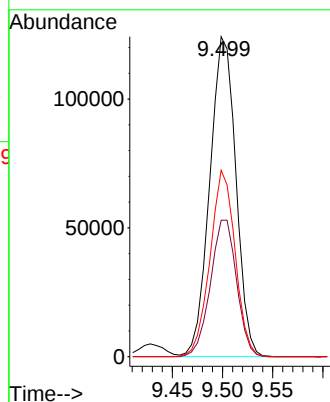
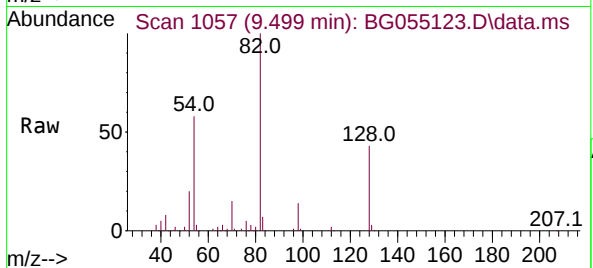
54 58.2 46.7 70.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#24

Nitrobenzene

Concen: 43.385 ng

RT: 9.546 min Scan# 1065

Delta R.T. -0.003 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

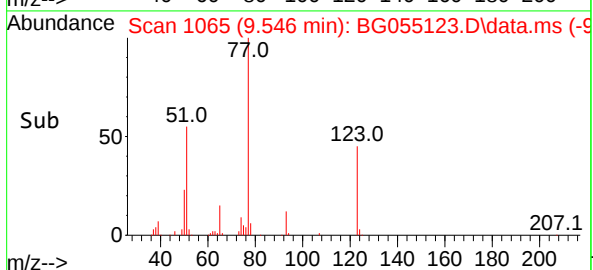
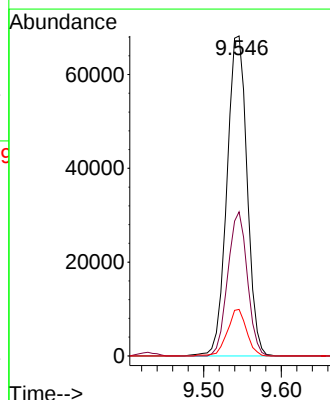
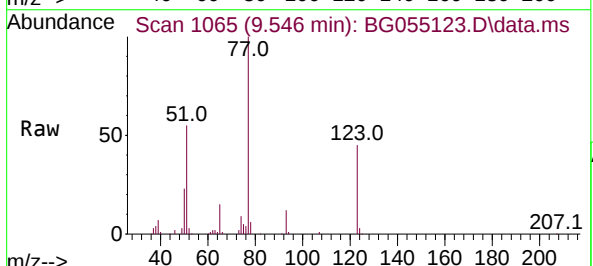
Tgt Ion: 77 Resp: 123385

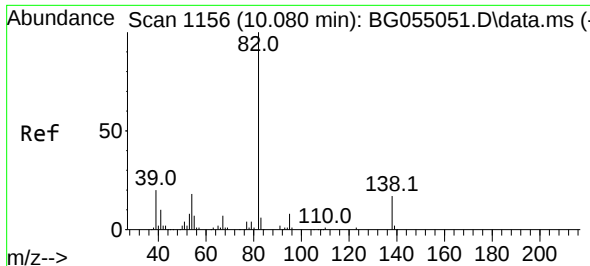
Ion Ratio Lower Upper

77 100

123 45.0 28.6 42.8#

65 14.5 10.5 15.7





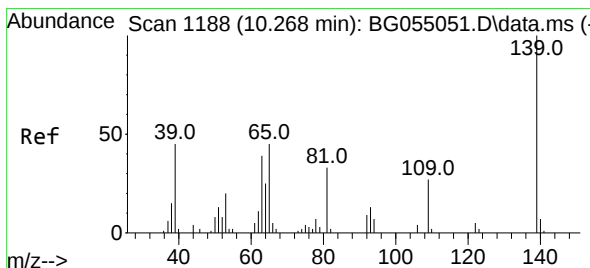
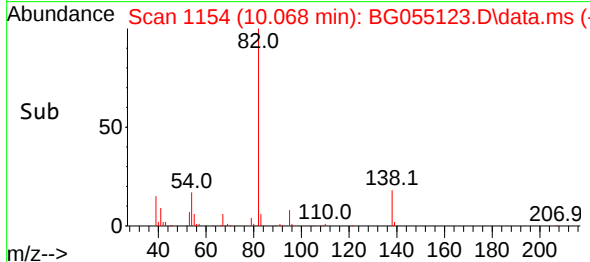
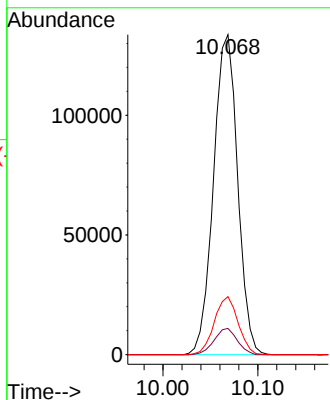
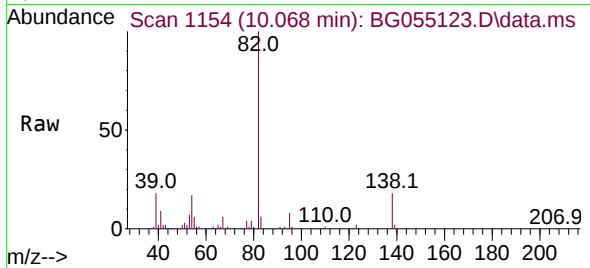
#25
Isophorone
Concen: 42.443 ng
RT: 10.068 min Scan# 1154
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion: 82 Resp: 236270
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 18.1 13.4 20.0

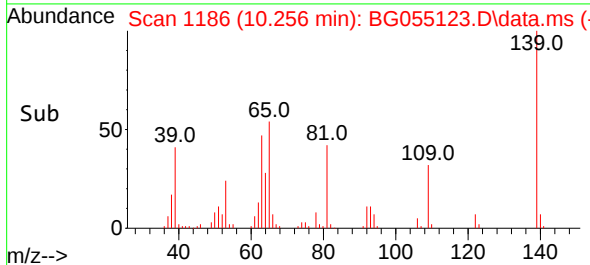
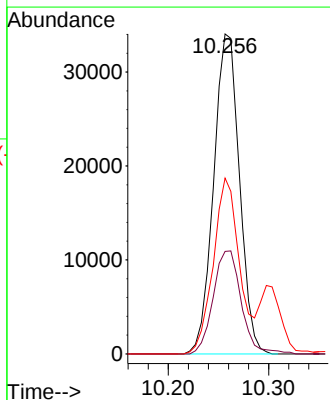
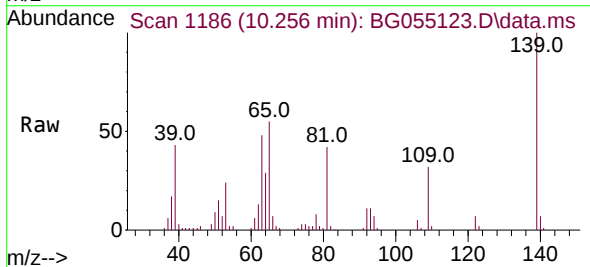
Manual Integrations
APPROVED

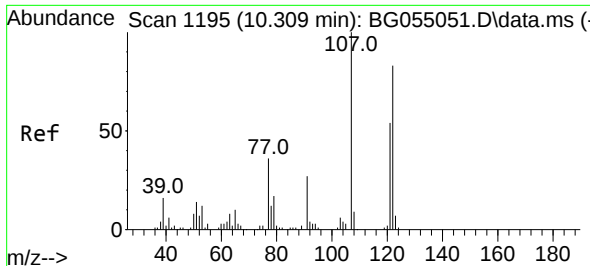
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#26
2-Nitrophenol
Concen: 73.260 ng
RT: 10.256 min Scan# 1186
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:139 Resp: 60834
Ion Ratio Lower Upper
139 100
109 32.0 21.7 32.5
65 54.9 36.4 54.6#





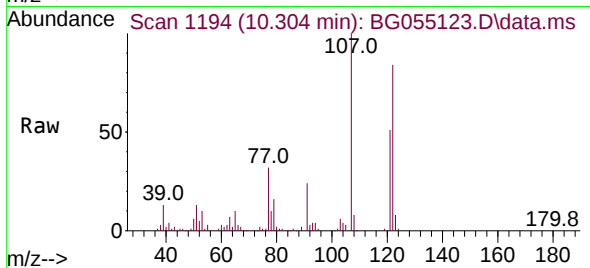
#27
2,4-Dimethylphenol
Concen: 58.451 ng
RT: 10.304 min Scan# 1195
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

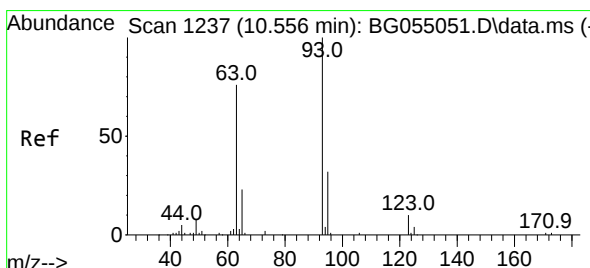
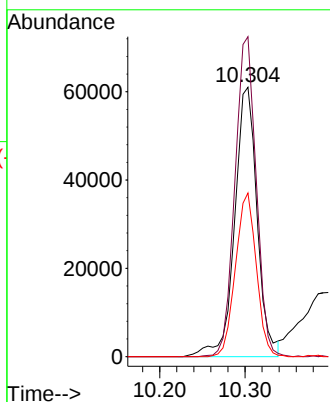
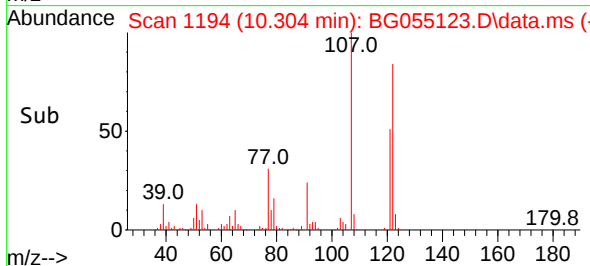


Tgt Ion:122 Resp: 111543
Ion Ratio Lower Upper
122 100
107 118.8 96.0 144.0
121 60.7 51.7 77.5

Manual Integrations

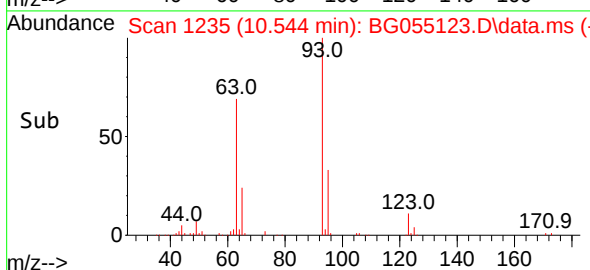
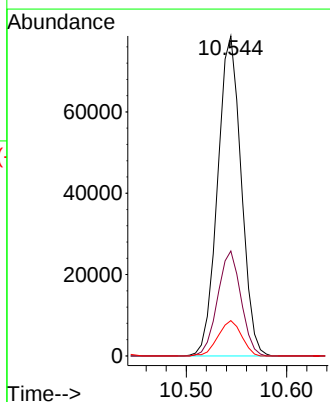
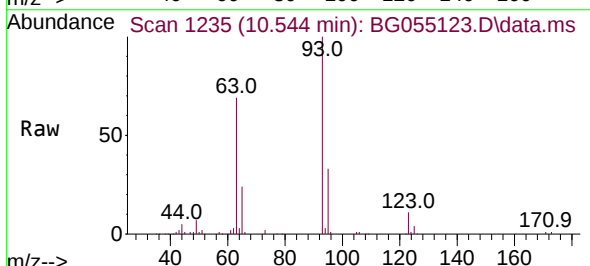
APPROVED

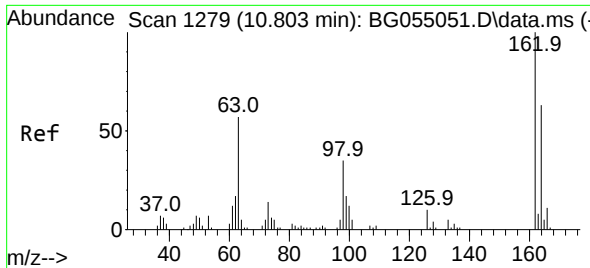
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.084 ng
RT: 10.544 min Scan# 1235
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

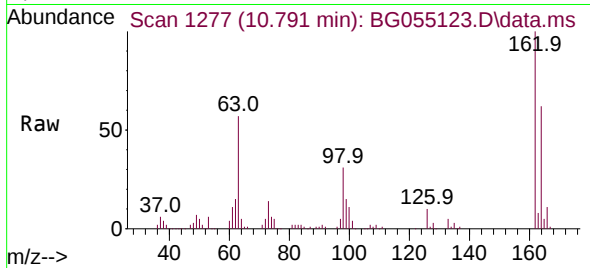
Tgt Ion: 93 Resp: 128419
Ion Ratio Lower Upper
93 100
95 32.8 25.6 38.4
123 11.0 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 49.633 ng
RT: 10.791 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

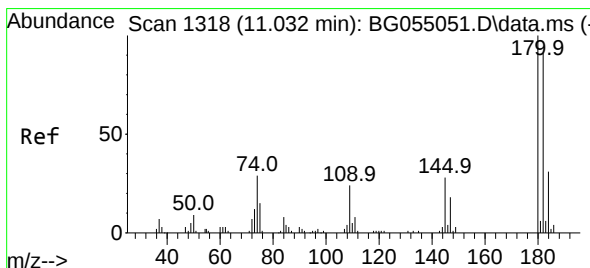
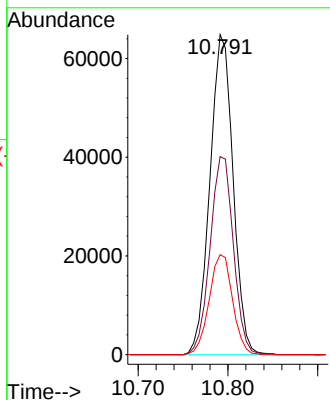
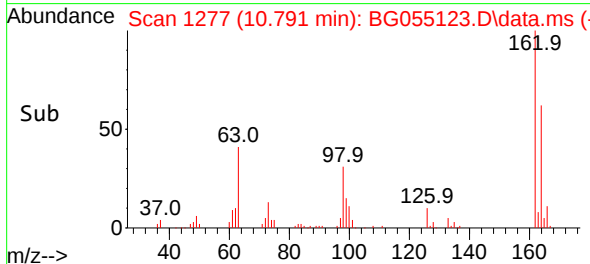
Instrument :
BNA_G
ClientSampleId :
PB148225BS



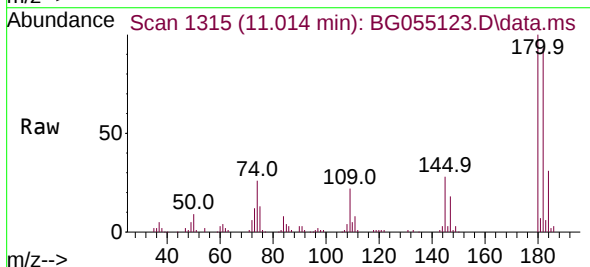
Tgt Ion:162 Resp: 116168
Ion Ratio Lower Upper
162 100
164 61.9 42.9 82.9
98 31.2 14.7 54.7

Manual Integrations
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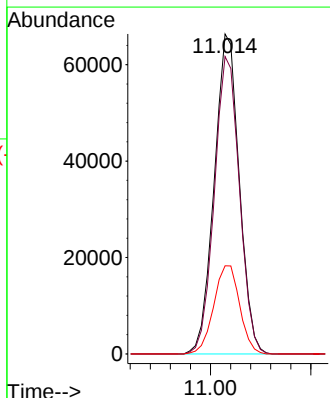
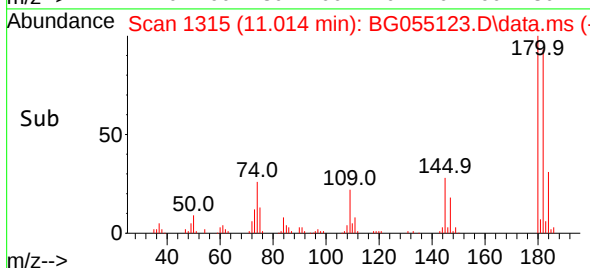
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

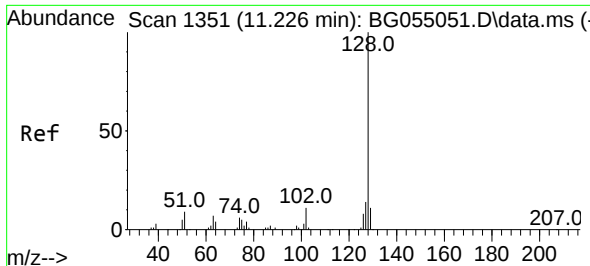


#30
1,2,4-Trichlorobenzene
Concen: 42.026 ng
RT: 11.014 min Scan# 1315
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



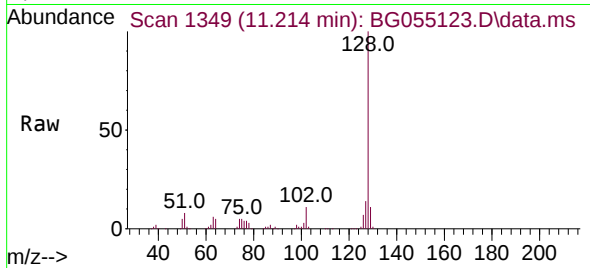
Tgt Ion:180 Resp: 114871
Ion Ratio Lower Upper
180 100
182 92.9 72.6 109.0
145 27.5 22.5 33.7





#31
Naphthalene
Concen: 39.625 ng
RT: 11.214 min Scan# 1349
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

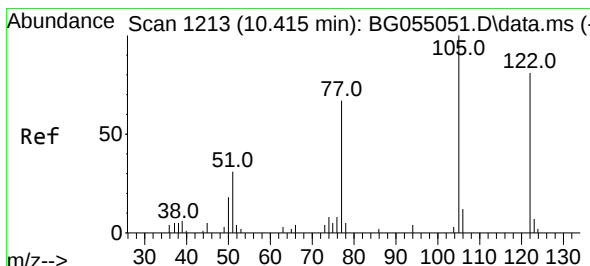
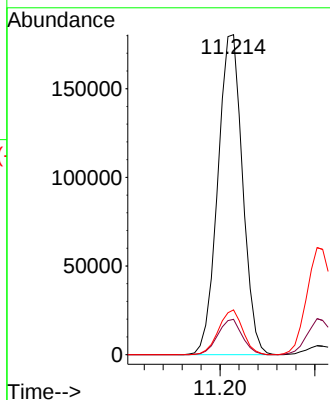
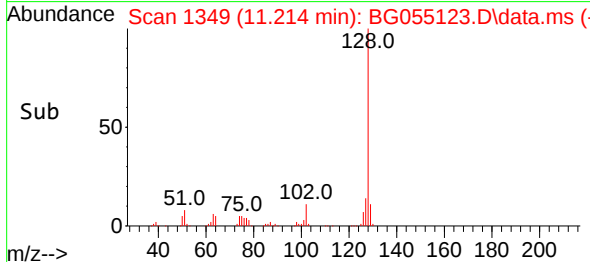
Instrument :
BNA_G
ClientSampleId :
PB148225BS



Tgt Ion:128 Resp: 327310
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.0 10.9 16.3

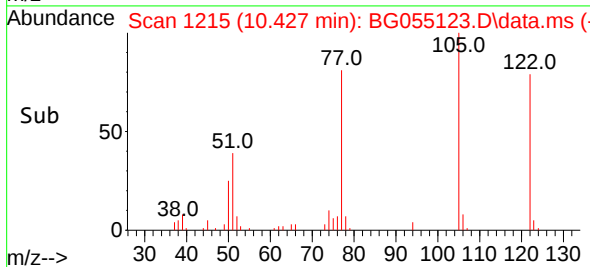
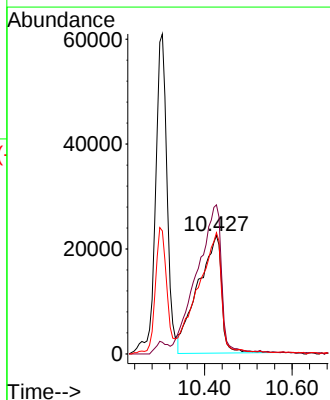
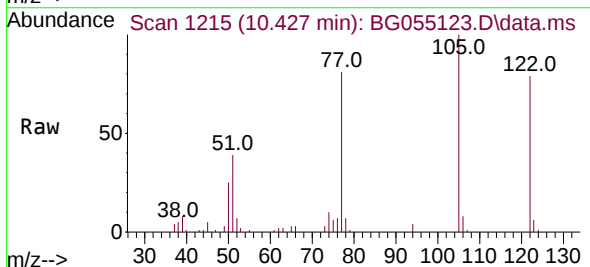
Manual Integrations
APPROVED

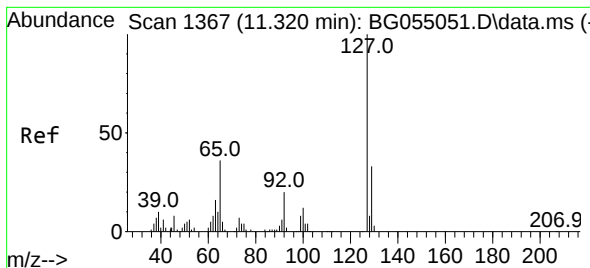
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#32
Benzoic acid
Concen: 63.066 ng
RT: 10.427 min Scan# 1215
Delta R.T. 0.009 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

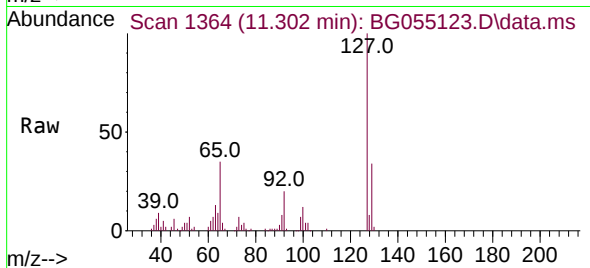
Tgt Ion:122 Resp: 84775
Ion Ratio Lower Upper
122 100
105 125.8 98.8 138.8
77 102.4 65.2 105.2





#33
4-Chloroaniline
Concen: 33.224 ng
RT: 11.302 min Scan# 1364
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

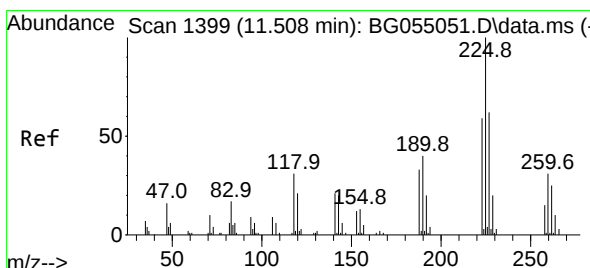
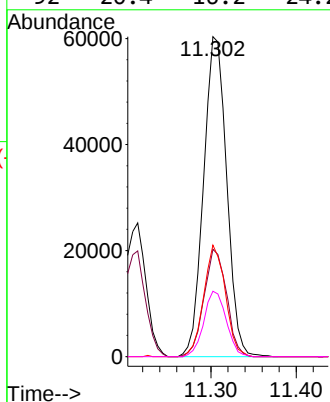
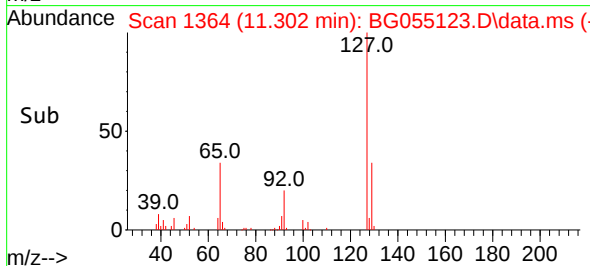
Instrument :
BNA_G
ClientSampleId :
PB148225BS



Tgt Ion:127 Resp: 11348
Ion Ratio Lower Upper
127 100
129 33.5 26.4 39.6
65 34.8 28.6 43.0
92 20.4 16.2 24.2

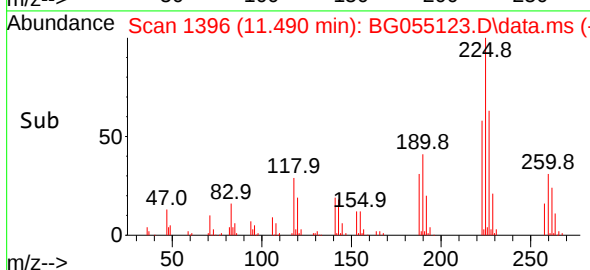
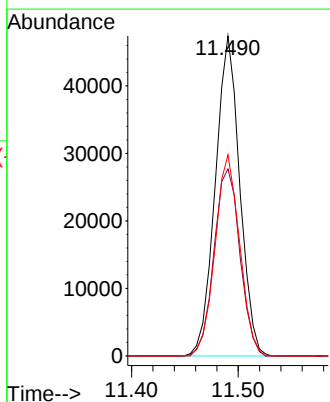
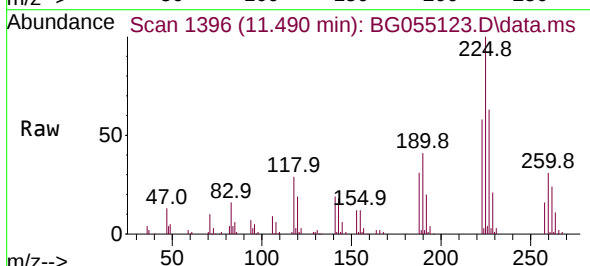
Manual Integrations
APPROVED

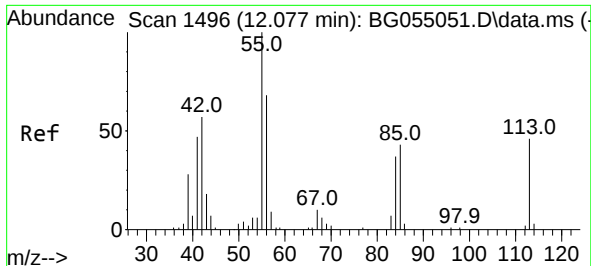
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#34
Hexachlorobutadiene
Concen: 42.535 ng
RT: 11.490 min Scan# 1396
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:225 Resp: 75388
Ion Ratio Lower Upper
225 100
223 58.4 47.5 71.3
227 62.8 49.8 74.8





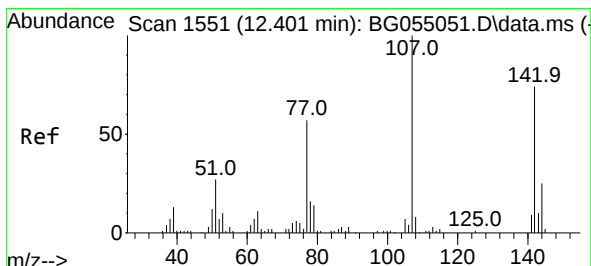
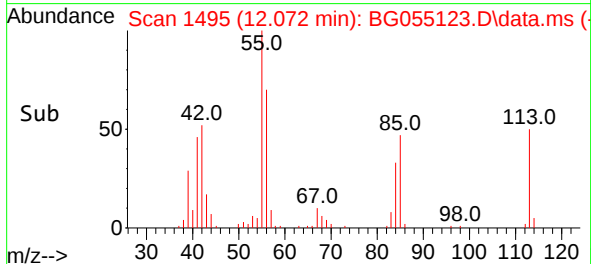
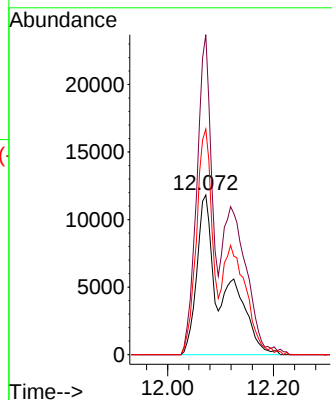
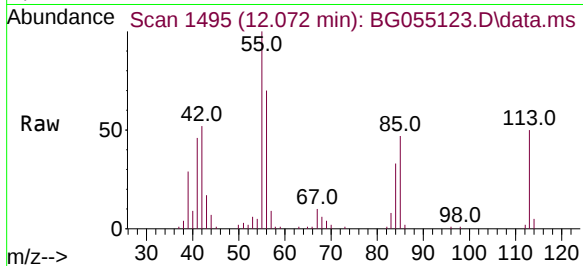
#35
Caprolactam
Concen: 55.622 ng m
RT: 12.072 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion:113 Resp: 41292
Ion Ratio Lower Upper
113 100
55 200.5 199.4 239.4
56 141.3 130.0 170.0

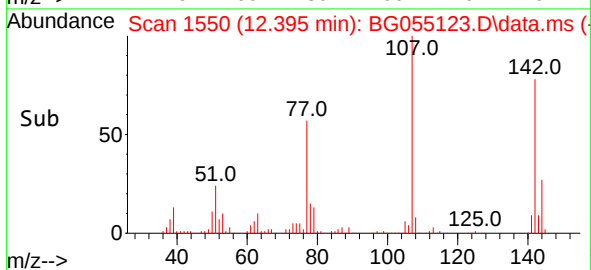
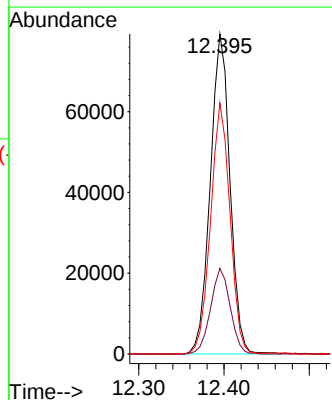
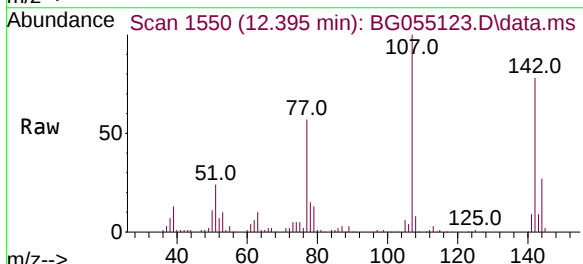
Manual Integrations
APPROVED

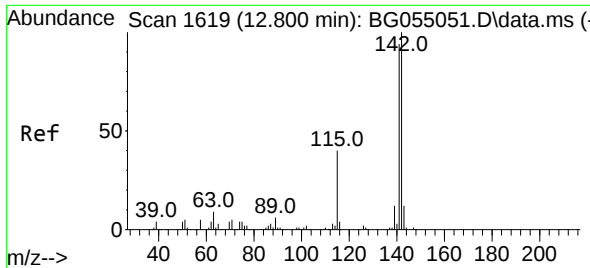
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#36
4-Chloro-3-methylphenol
Concen: 47.673 ng
RT: 12.395 min Scan# 1550
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:107 Resp: 127002
Ion Ratio Lower Upper
107 100
144 26.7 19.7 29.5
142 78.4 59.3 88.9





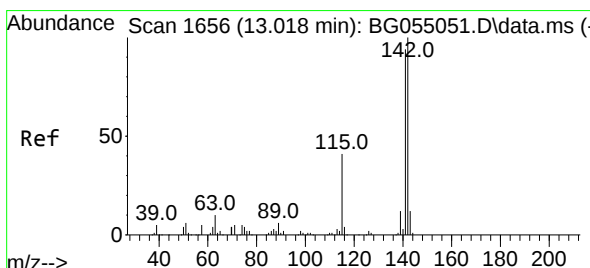
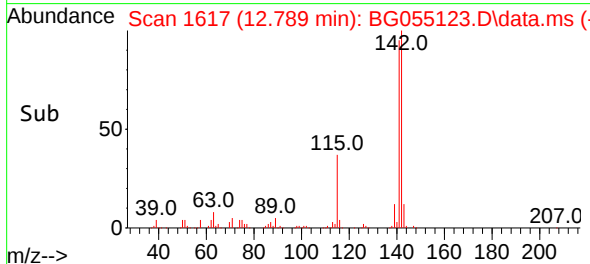
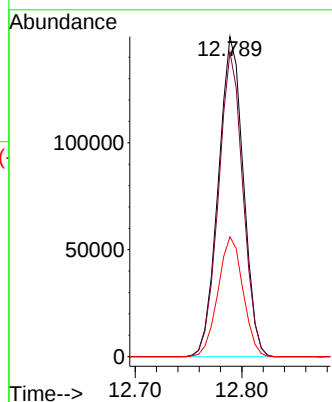
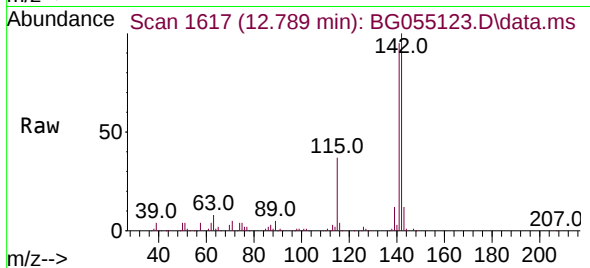
#37
2-Methylnaphthalene
Concen: 39.992 ng
RT: 12.789 min Scan# 1617
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion:142 Resp: 243443
Ion Ratio Lower Upper
142 100
141 95.1 75.0 112.4
115 37.4 31.7 47.5

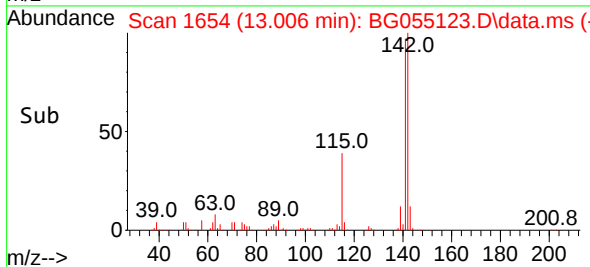
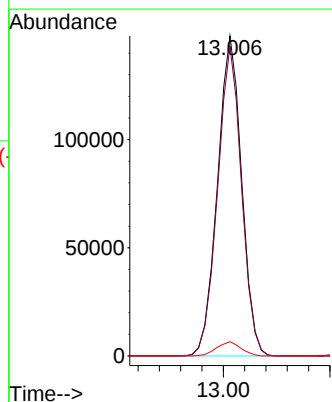
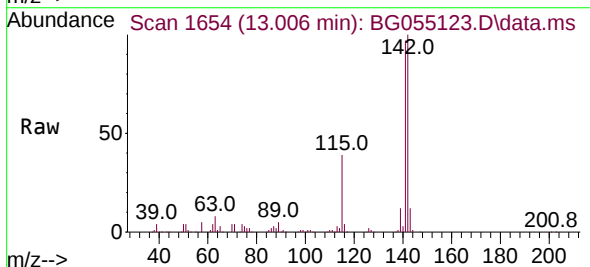
Manual Integrations
APPROVED

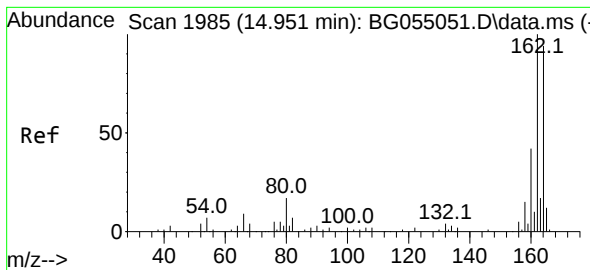
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#38
1-Methylnaphthalene
Concen: 39.248 ng
RT: 13.006 min Scan# 1654
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:142 Resp: 232392
Ion Ratio Lower Upper
142 100
141 96.8 75.5 113.3
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.933 min Scan# 1982

Delta R.T. -0.008 min

Lab File: BG055123.D

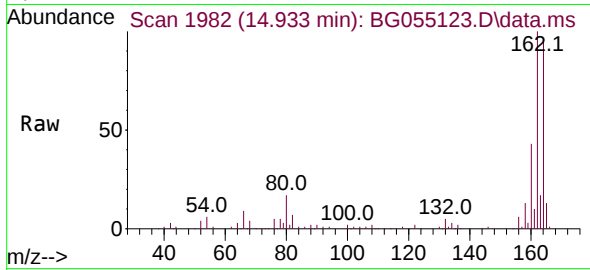
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS



Tgt Ion:164 Resp: 114875

Ion Ratio Lower Upper

164 100

162 104.3 85.5 128.3

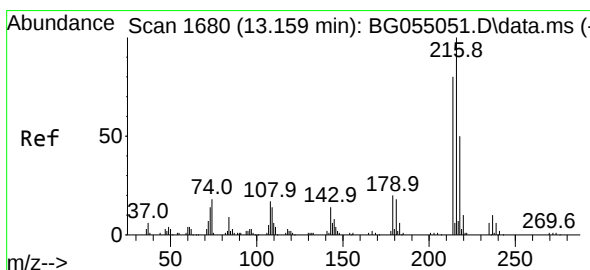
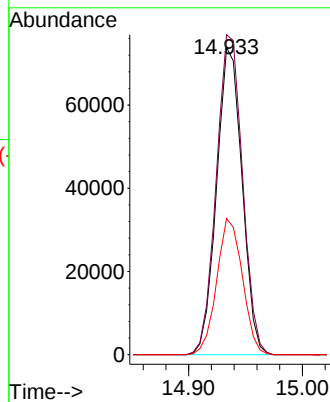
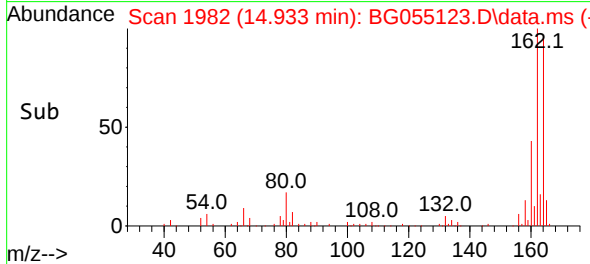
160 44.3 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.817 ng

RT: 13.147 min Scan# 1678

Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Tgt Ion:216 Resp: 143613

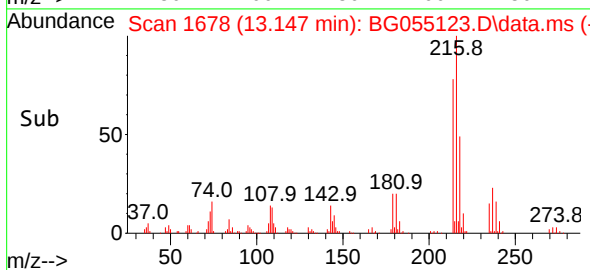
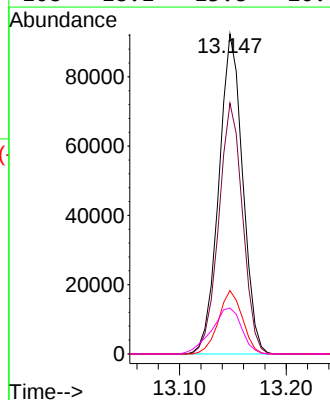
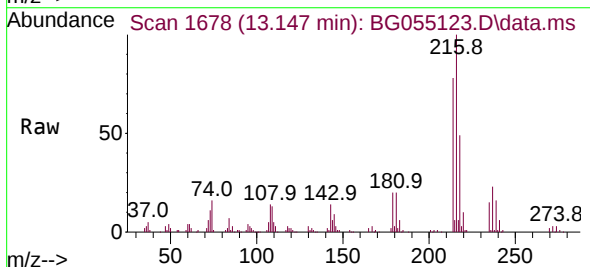
Ion Ratio Lower Upper

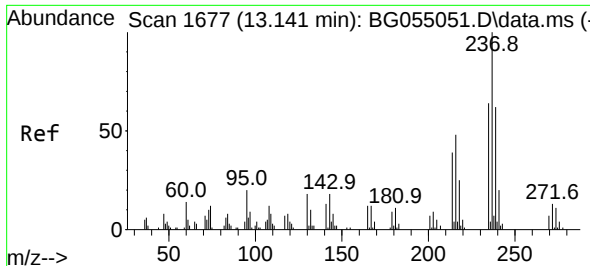
216 100

214 78.2 63.4 95.2

179 19.8 15.9 23.9

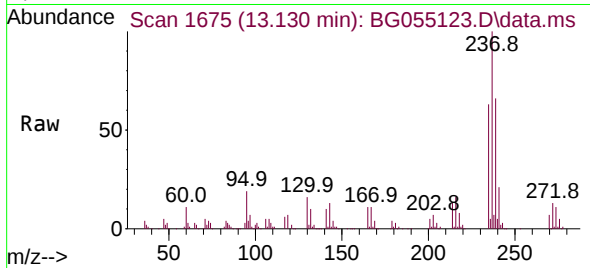
108 18.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 130.048 ng
RT: 13.130 min Scan# 1675
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

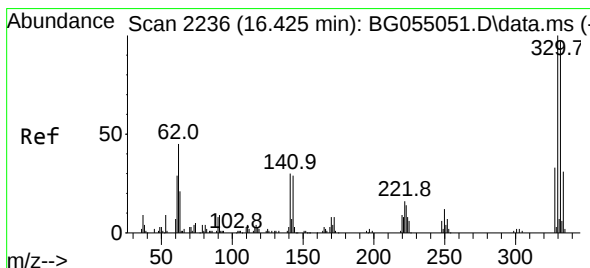
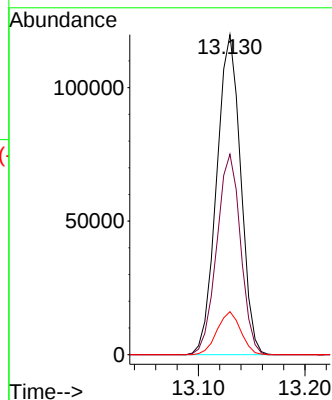
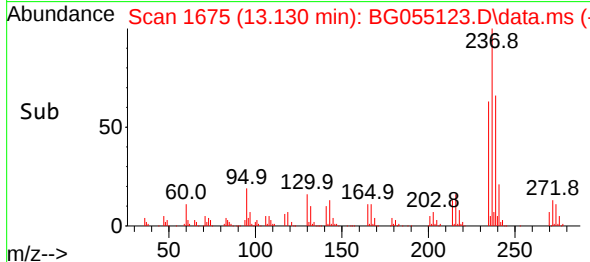
Instrument :
BNA_G
ClientSampleId :
PB148225BS



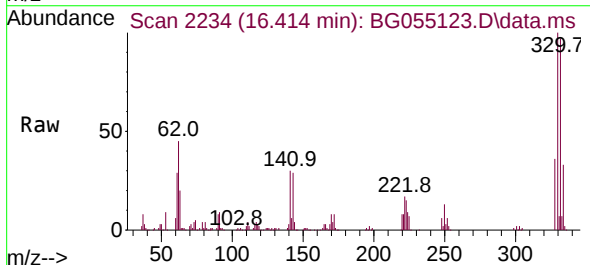
Tgt Ion:237 Resp: 187832
Ion Ratio Lower Upper
237 100
235 62.6 43.8 83.8
272 13.4 0.0 32.7

Manual Integrations
APPROVED

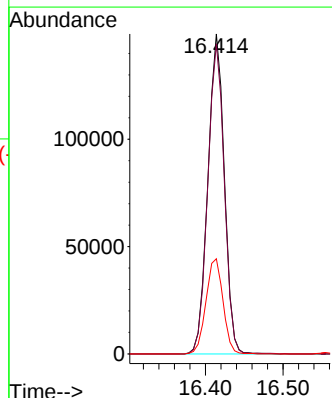
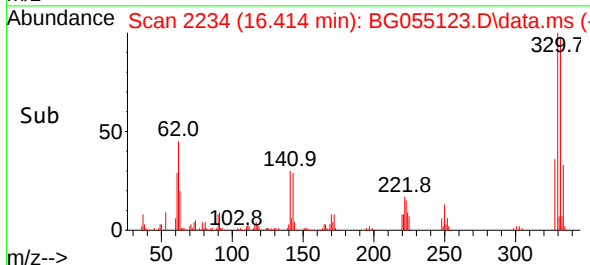
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

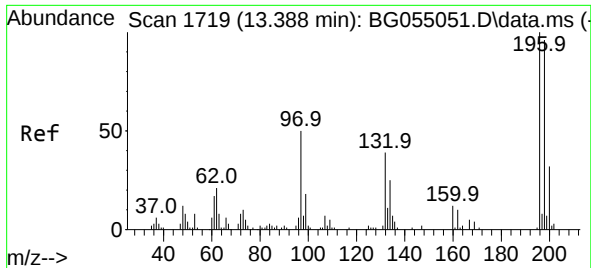


#42
2,4,6-Tribromophenol
Concen: 181.502 ng
RT: 16.414 min Scan# 2234
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:330 Resp: 219797
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 30.7 25.0 37.4





#43
2,4,6-Trichlorophenol
Concen: 51.757 ng
RT: 13.376 min Scan# 1719
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

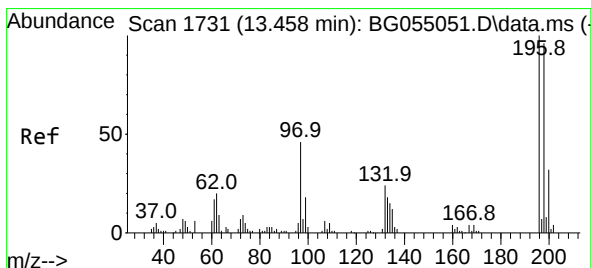
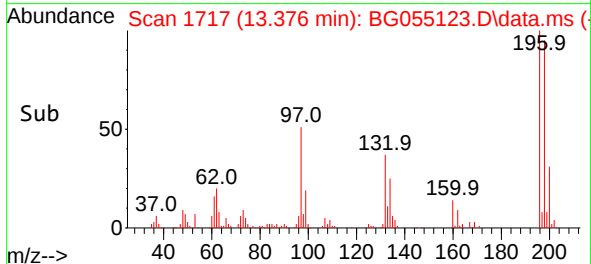
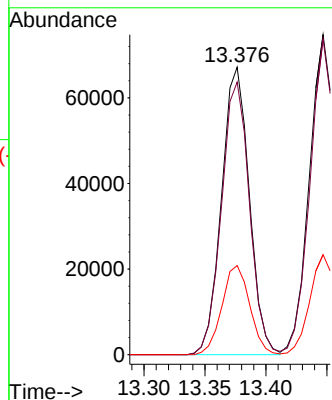
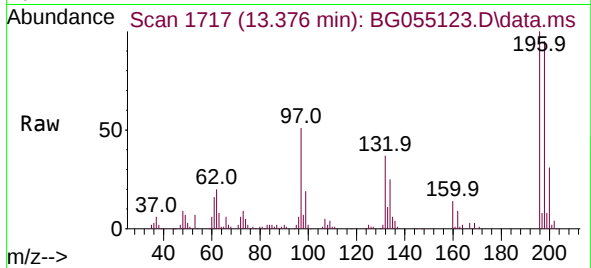
PB148225BS

Tgt Ion:196 Resp: 106412
Ion Ratio Lower Upper
196 100
198 94.8 76.5 114.7
200 31.0 25.6 38.4

Manual Integrations

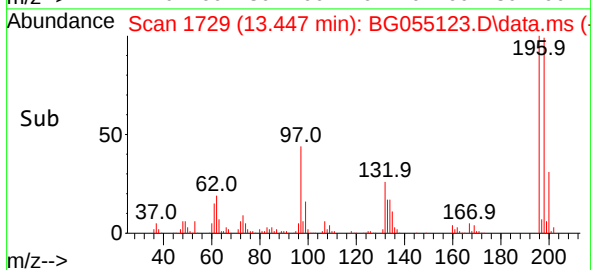
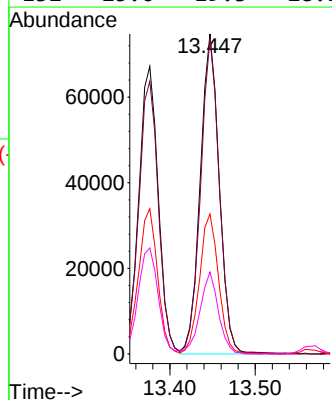
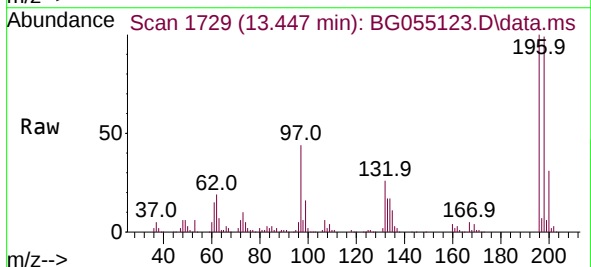
APPROVED

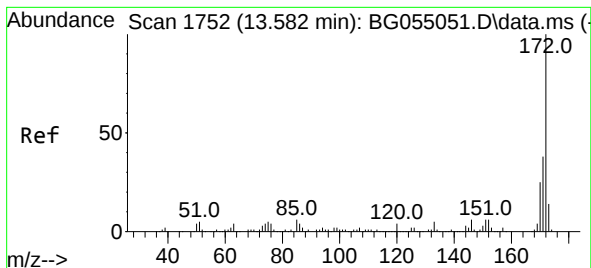
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#44
2,4,5-Trichlorophenol
Concen: 50.013 ng
RT: 13.447 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:196 Resp: 115758
Ion Ratio Lower Upper
196 100
198 98.6 76.8 115.2
97 43.7 37.1 55.7
132 25.6 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 79.623 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

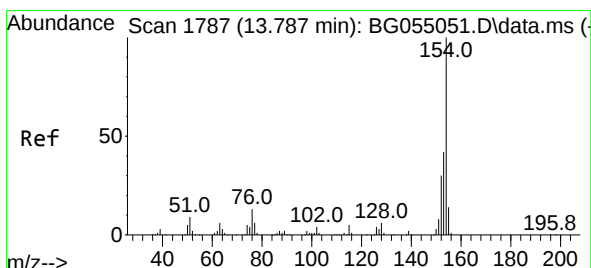
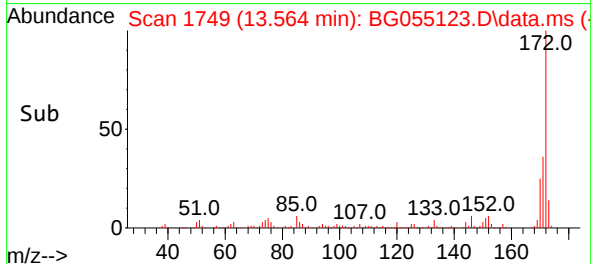
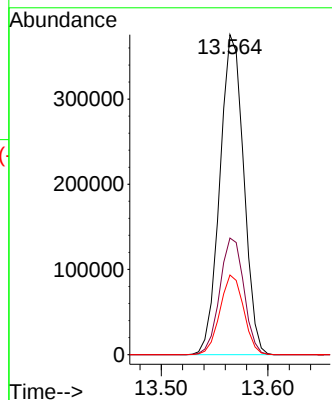
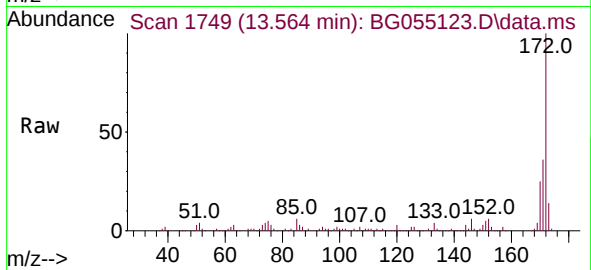
PB148225BS

Tgt Ion:172 Resp: 585904
Ion Ratio Lower Upper
172 100
171 36.5 30.1 45.1
170 24.9 20.0 30.0

Manual Integrations

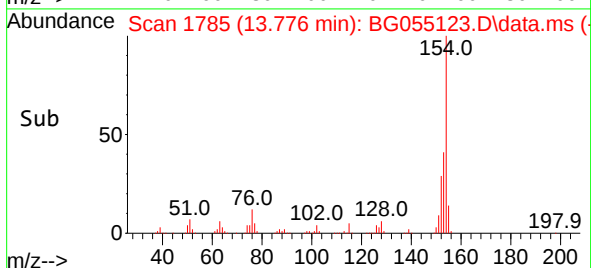
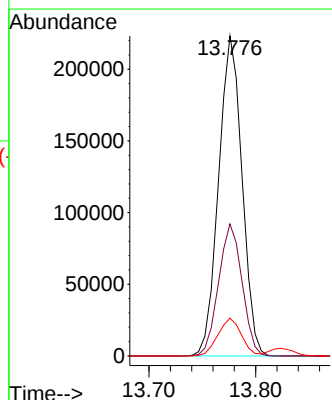
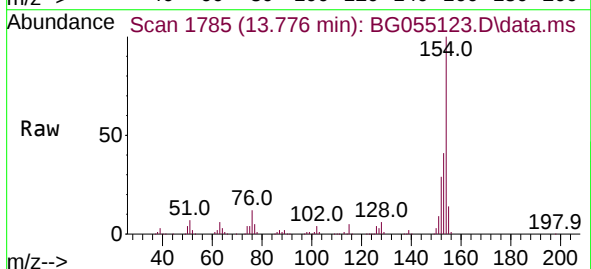
APPROVED

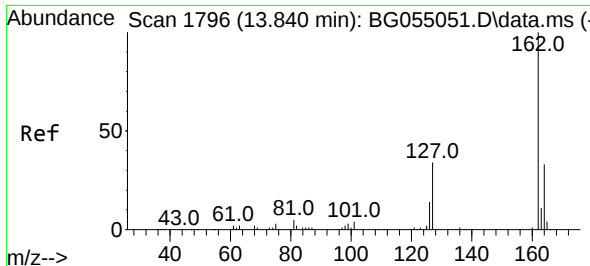
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#46
1,1'-Biphenyl
Concen: 43.298 ng
RT: 13.776 min Scan# 1785
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:154 Resp: 341027
Ion Ratio Lower Upper
154 100
153 41.2 22.0 62.0
76 11.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.656 ng

RT: 13.823 min Scan# 1793

Delta R.T. -0.008 min

Lab File: BG055123.D

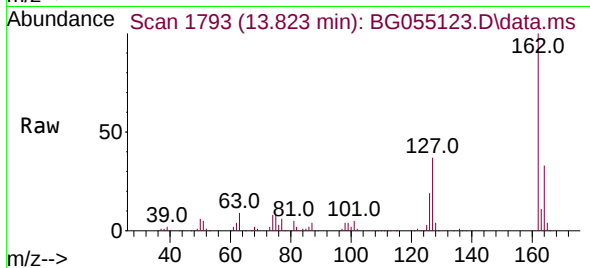
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS



Tgt Ion:162 Resp: 264375

Ion Ratio Lower Upper

162 100

127 36.9 30.7 46.1

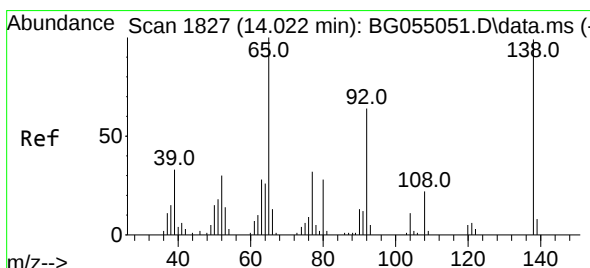
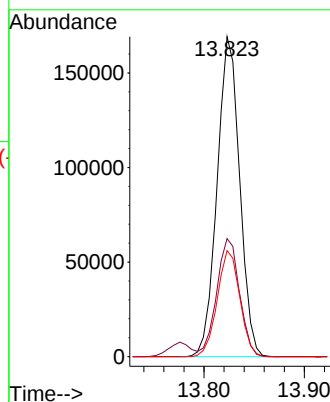
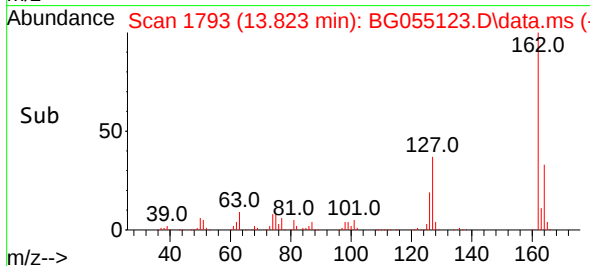
164 33.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#48

2-Nitroaniline

Concen: 50.763 ng

RT: 14.011 min Scan# 1825

Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

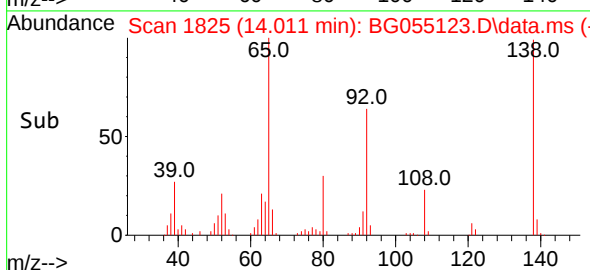
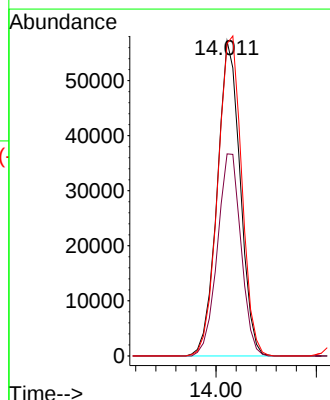
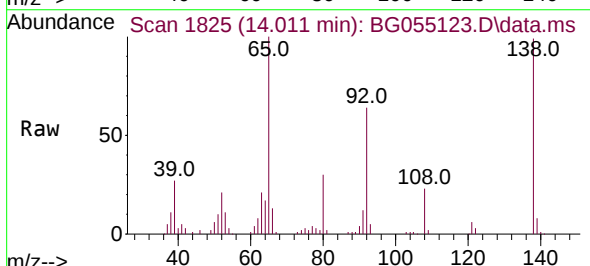
Tgt Ion: 65 Resp: 91111

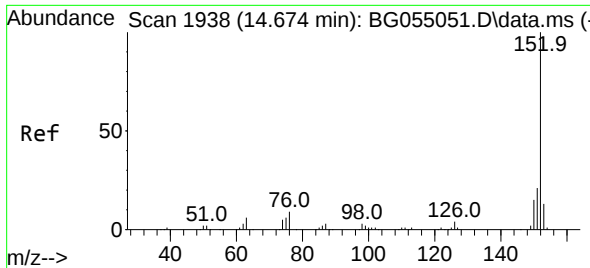
Ion Ratio Lower Upper

65 100

92 64.1 50.9 76.3

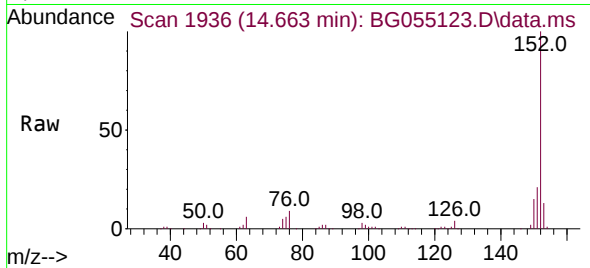
138 99.2 79.5 119.3





#49
Acenaphthylene
Concen: 41.025 ng
RT: 14.663 min Scan# 1936
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

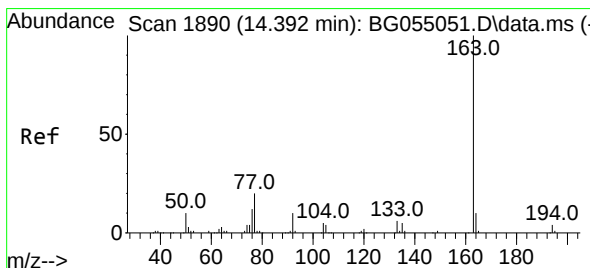
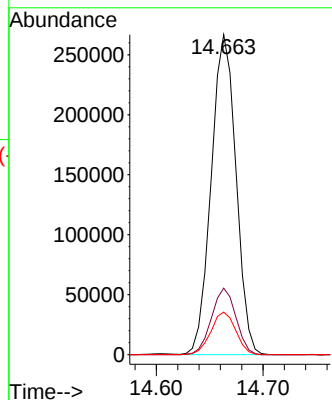
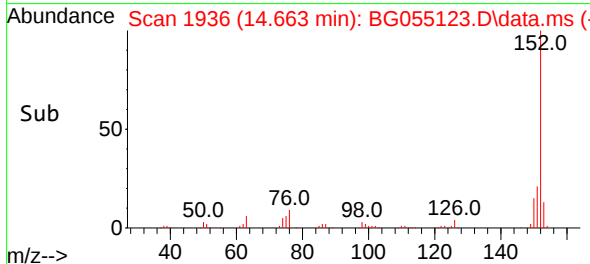
Instrument :
BNA_G
ClientSampleId :
PB148225BS



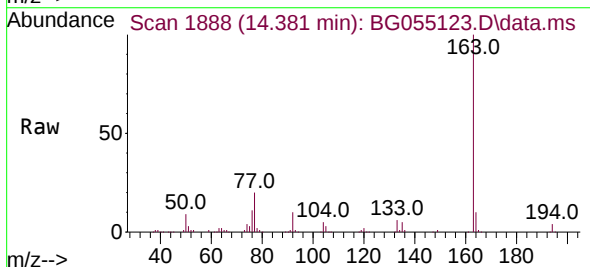
Tgt Ion:152 Resp: 431163
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 13.3 10.7 16.1

Manual Integrations
APPROVED

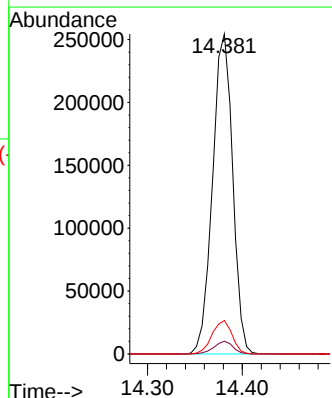
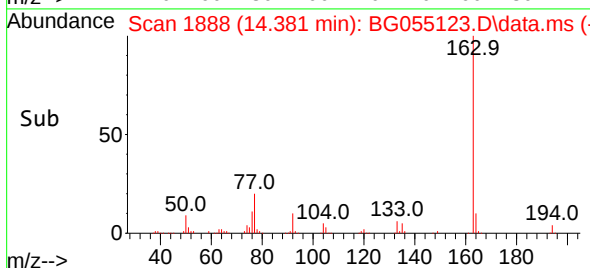
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

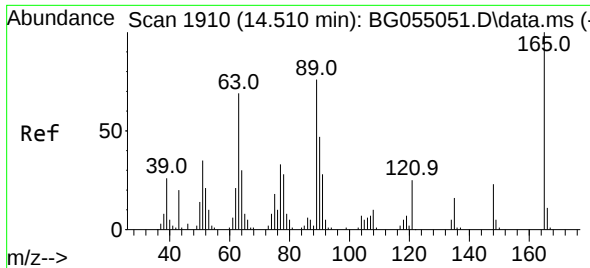


#50
Dimethylphthalate
Concen: 48.123 ng
RT: 14.381 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



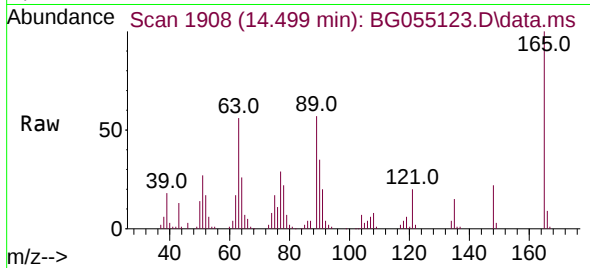
Tgt Ion:163 Resp: 375210
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.122 ng
RT: 14.499 min Scan# 1908
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

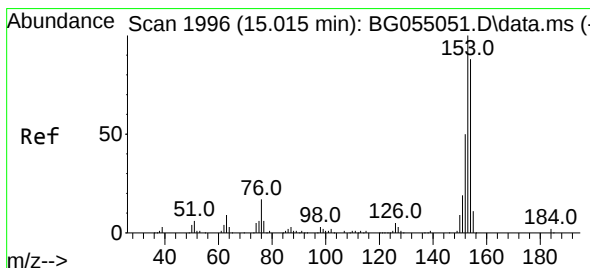
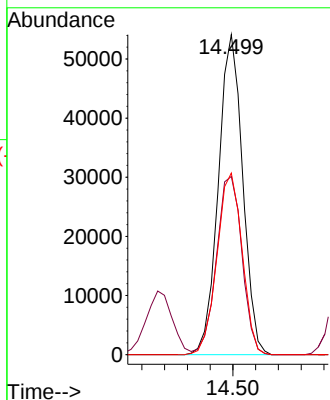
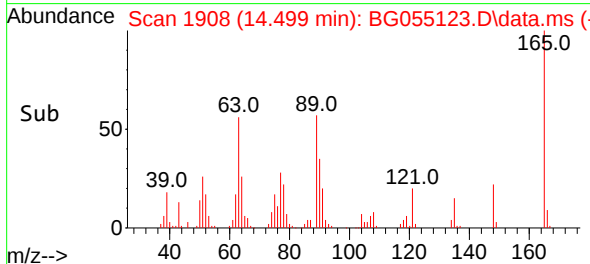
Instrument :
BNA_G
ClientSampleId :
PB148225BS



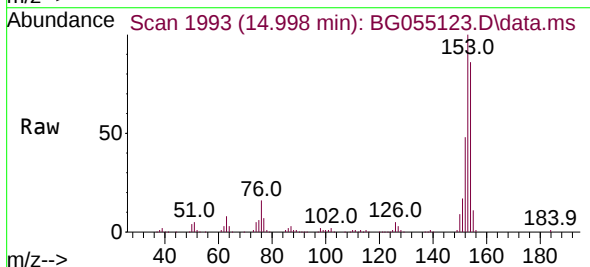
Tgt Ion:165 Resp: 80318
Ion Ratio Lower Upper
165 100
63 55.7 56.2 84.4
89 56.7 60.4 90.6

Manual Integrations
APPROVED

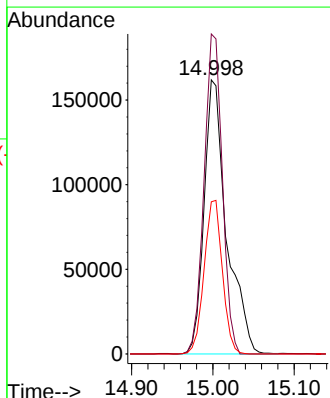
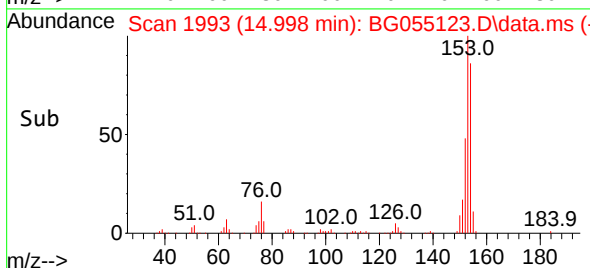
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

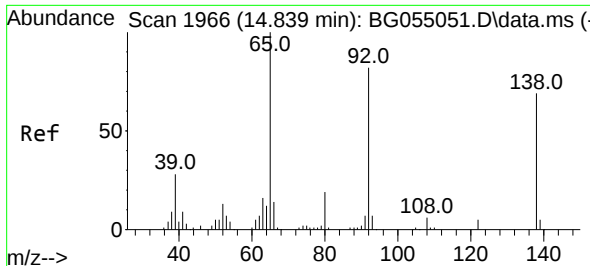


#52
Acenaphthene
Concen: 48.036 ng
RT: 14.998 min Scan# 1993
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



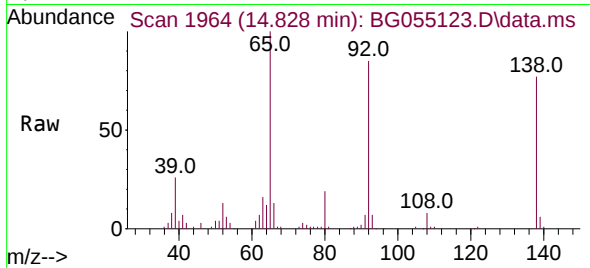
Tgt Ion:154 Resp: 313469
Ion Ratio Lower Upper
154 100
153 116.8 91.4 137.0
152 55.5 45.3 67.9





#53
3-Nitroaniline
Concen: 40.361 ng
RT: 14.828 min Scan# 1964
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

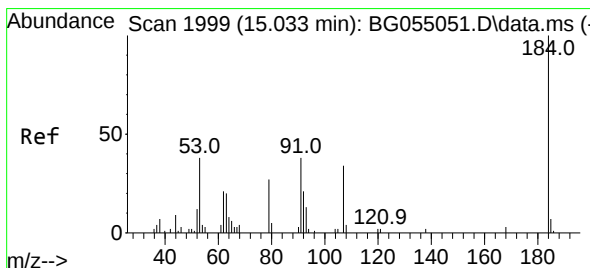
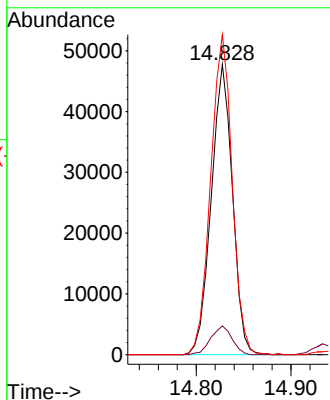
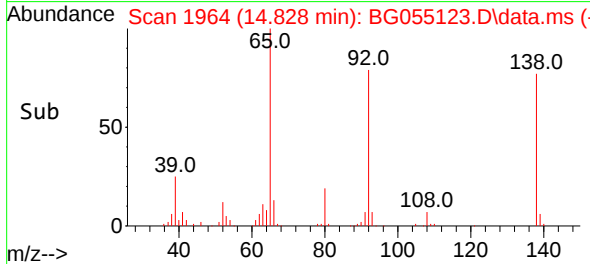
Instrument :
BNA_G
ClientSampleId :
PB148225BS



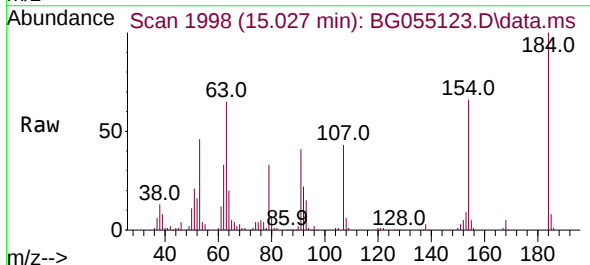
Tgt Ion:138 Resp: 74085
Ion Ratio Lower Upper
138 100
108 9.9 6.9 10.3
92 110.3 94.2 141.4

Manual Integrations
APPROVED

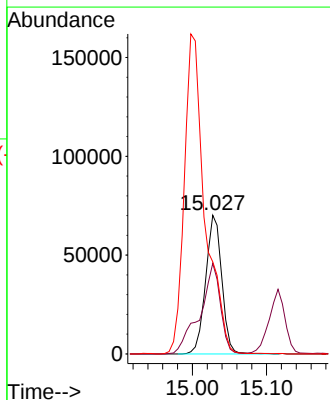
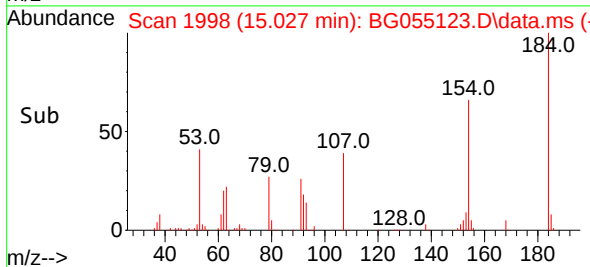
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

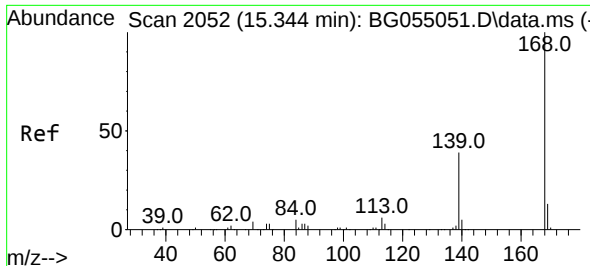


#54
2,4-Dinitrophenol
Concen: 145.457 ng
RT: 15.027 min Scan# 1998
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:184 Resp: 105415
Ion Ratio Lower Upper
184 100
63 65.3 48.6 73.0
154 66.5 128.5 192.7#





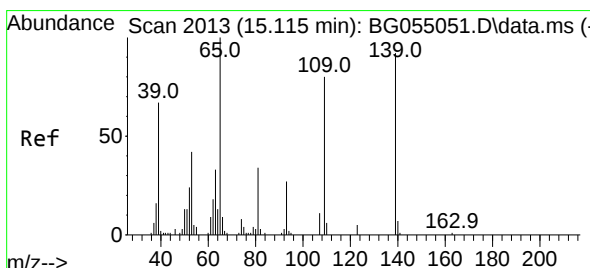
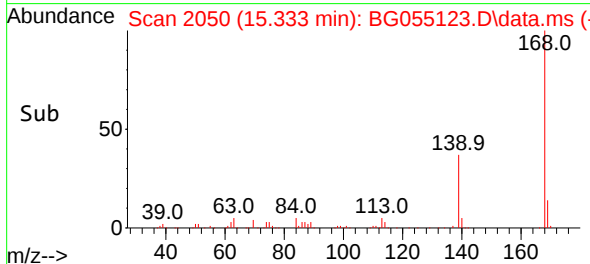
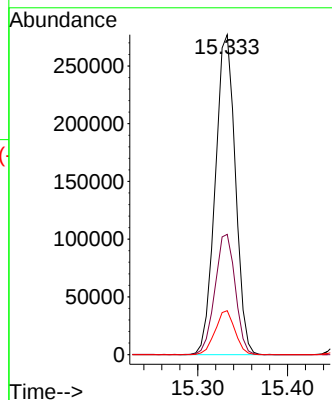
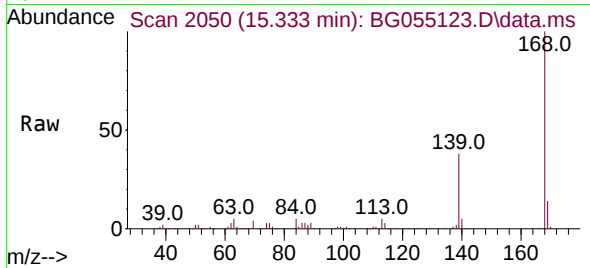
#55
Dibenzenofuran
Concen: 41.617 ng
RT: 15.333 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion:168 Resp: 433293
Ion Ratio Lower Upper
168 100
139 37.6 31.0 46.4
169 13.7 10.6 16.0

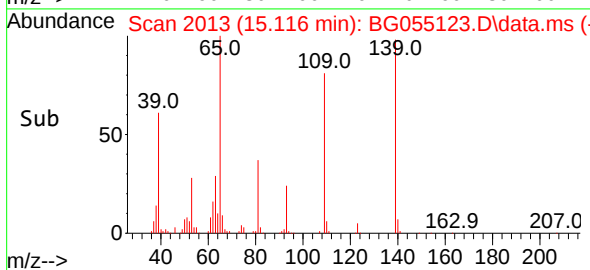
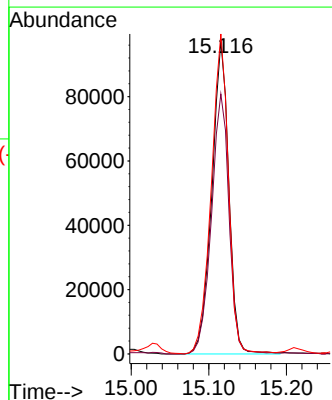
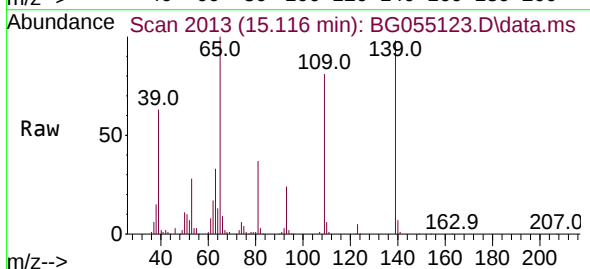
Manual Integrations
APPROVED

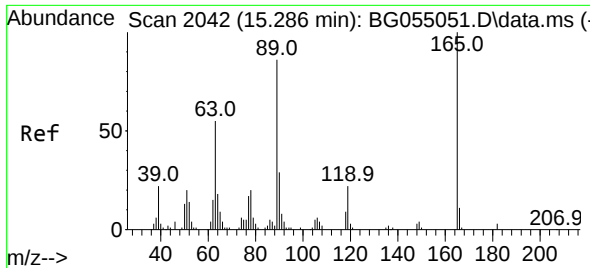
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#56
4-Nitrophenol
Concen: 102.284 ng
RT: 15.116 min Scan# 2013
Delta R.T. 0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:139 Resp: 148357
Ion Ratio Lower Upper
139 100
109 83.2 66.6 106.6
65 102.4 88.5 128.5





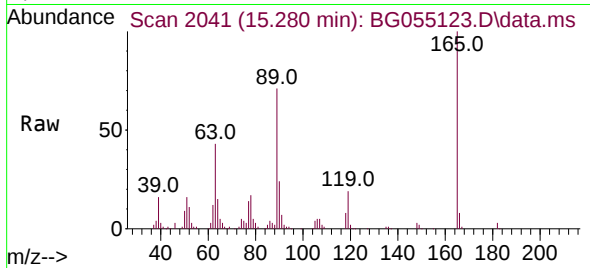
#57
2,4-Dinitrotoluene
Concen: 53.426 ng
RT: 15.280 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

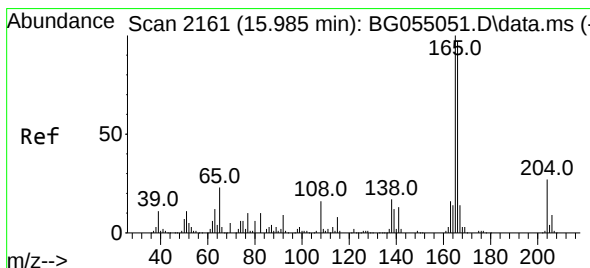
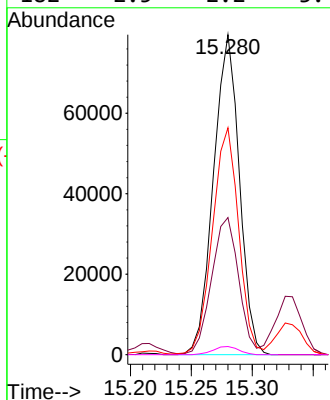
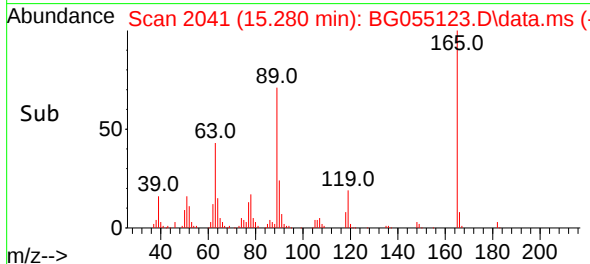
PB148225BS



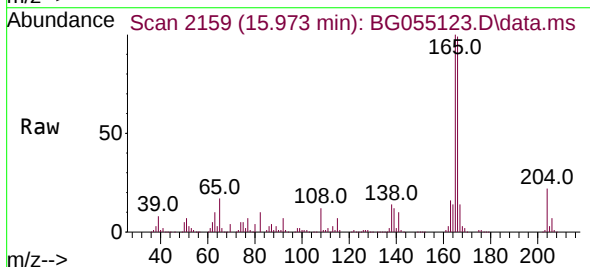
Tgt Ion:165 Resp: 117444
Ion Ratio Lower Upper
165 100
63 42.8 44.2 66.2
89 70.9 69.0 103.6
182 2.5 2.2 3.4

Manual Integrations
APPROVED

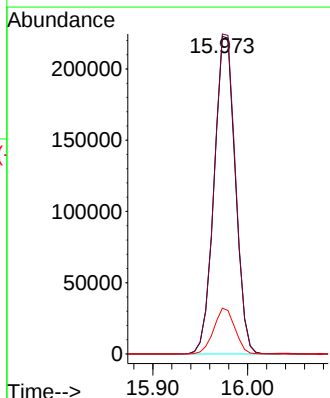
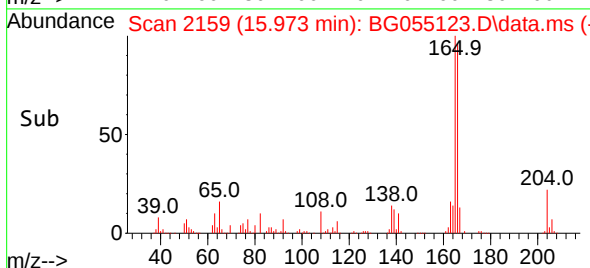
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

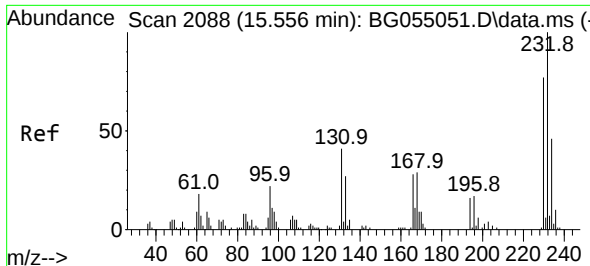


#58
Fluorene
Concen: 41.484 ng
RT: 15.973 min Scan# 2159
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:166 Resp: 345625
Ion Ratio Lower Upper
166 100
165 100.8 82.6 123.8
167 14.4 11.8 17.8





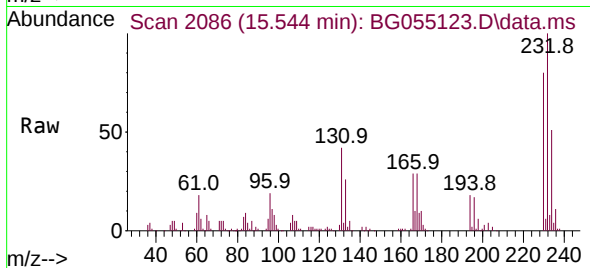
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.339 ng
RT: 15.544 min Scan# 2086
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

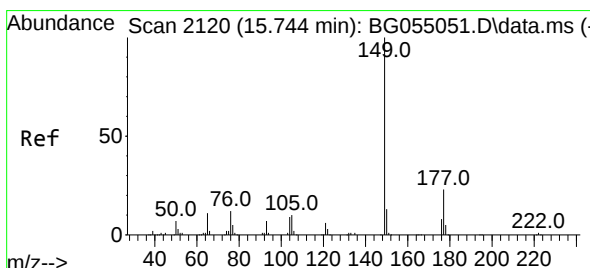
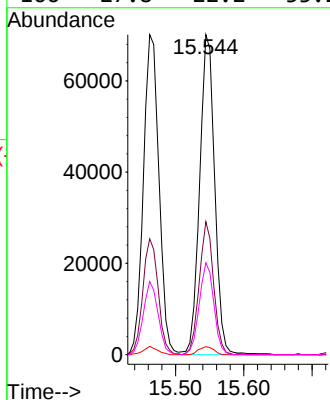
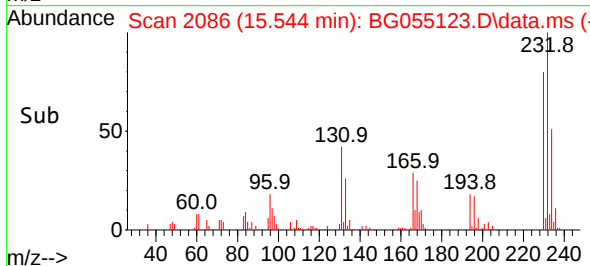


Tgt Ion:232 Resp: 107654
Ion Ratio Lower Upper
232 100
131 39.5 32.7 49.1
130 2.4 1.8 2.6
166 27.8 22.2 33.2

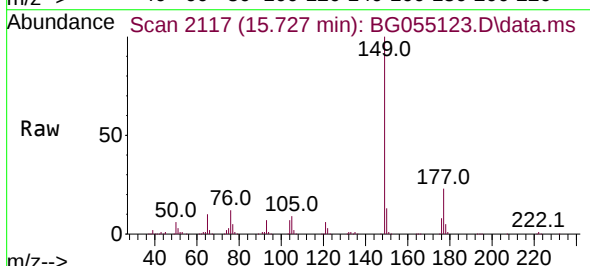
Manual Integrations

APPROVED

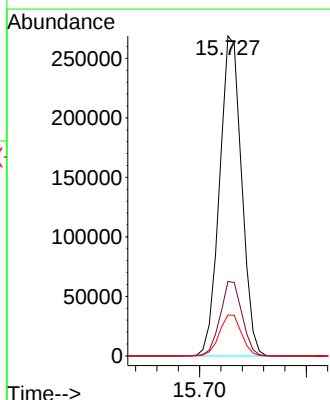
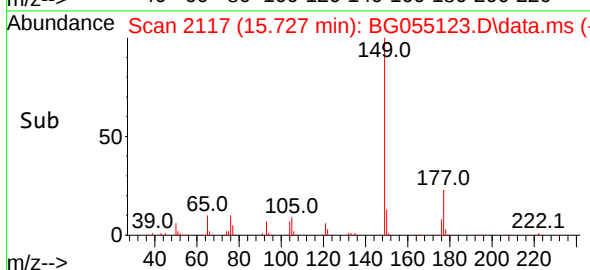
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

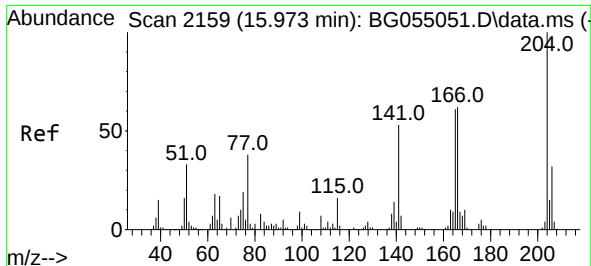


#60
Diethylphthalate
Concen: 47.975 ng
RT: 15.727 min Scan# 2117
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



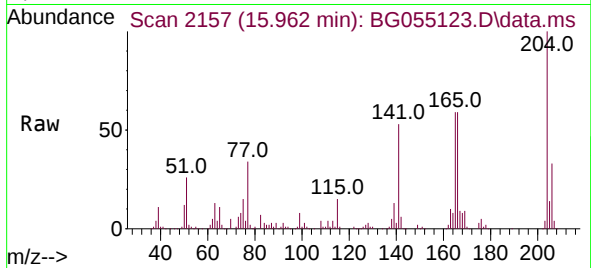
Tgt Ion:149 Resp: 385959
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.666 ng
RT: 15.962 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

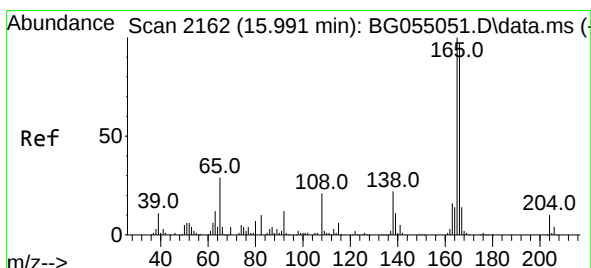
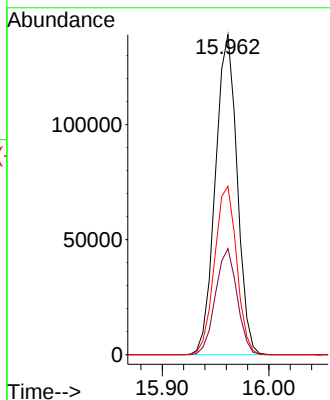
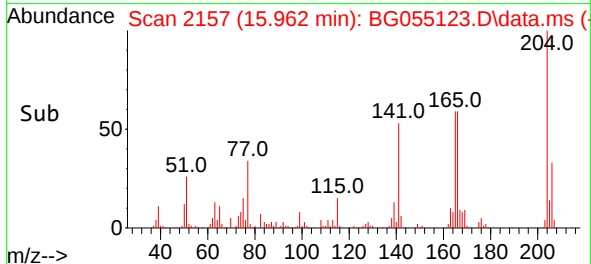
Instrument :
BNA_G
ClientSampleId :
PB148225BS



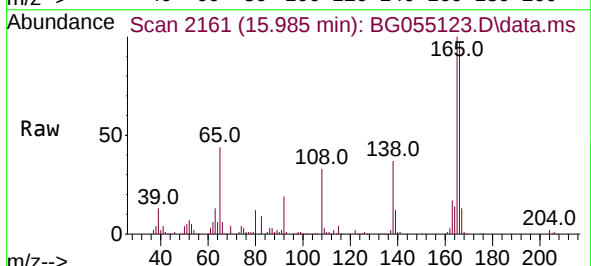
Tgt Ion:204 Resp: 19775
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 52.6 42.3 63.5

Manual Integrations
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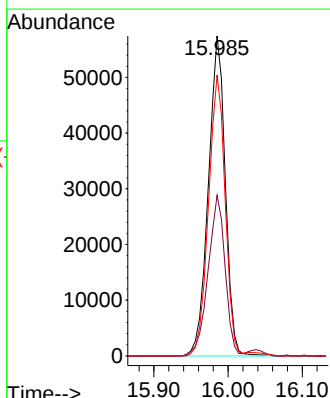
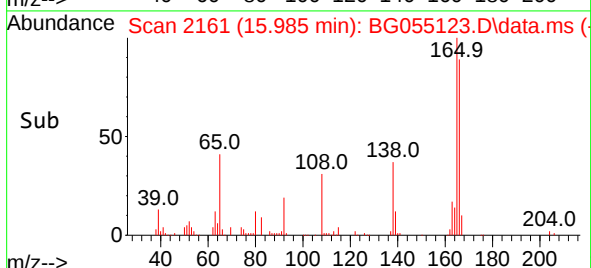
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

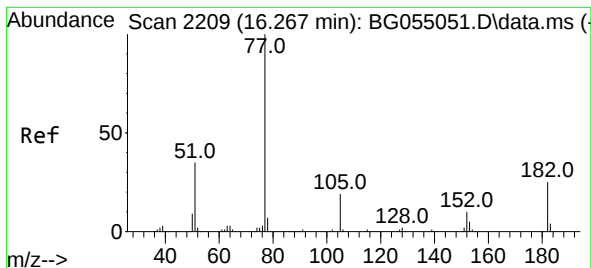


#62
4-Nitroaniline
Concen: 48.598 ng
RT: 15.985 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:138 Resp: 91154
Ion Ratio Lower Upper
138 100
92 50.2 35.3 75.3
108 87.7 72.0 112.0





#63

Azobenzene

Concen: 36.739 ng

RT: 16.255 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

Tgt Ion: 77 Resp: 332886

Ion Ratio Lower Upper

77 100

182 27.5 4.8 44.8

105 21.2 0.0 38.8

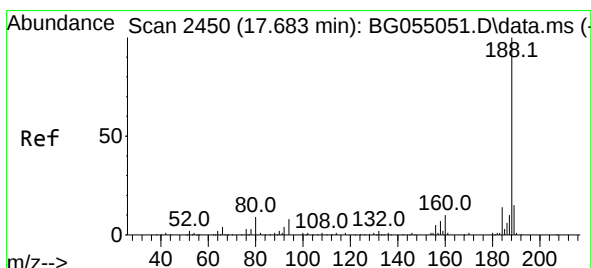
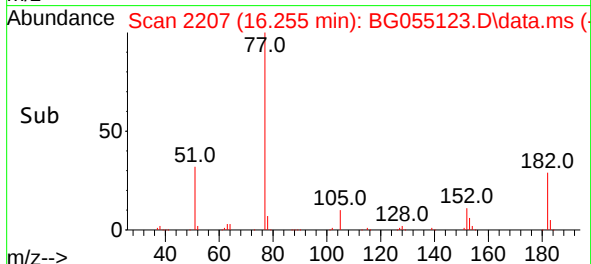
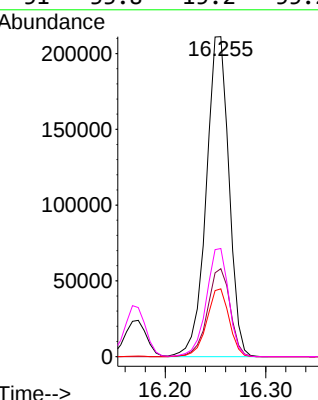
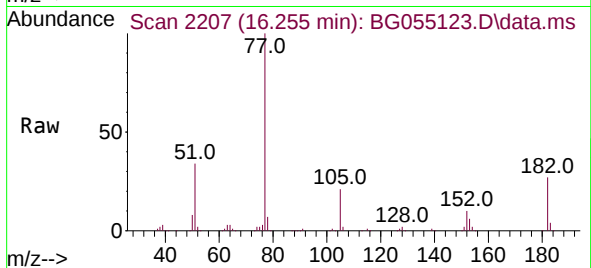
51 33.8 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/12/2022

Supervised By :Jagrut Upadhyay 10/12/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 2448

Delta R.T. -0.003 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

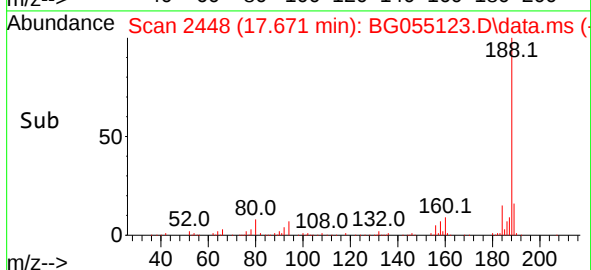
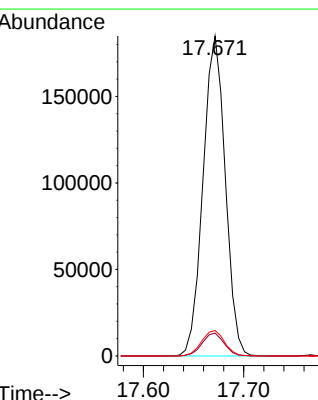
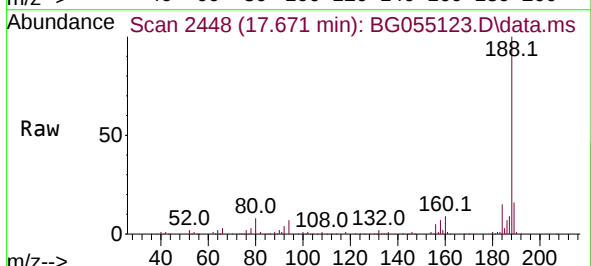
Tgt Ion:188 Resp: 284753

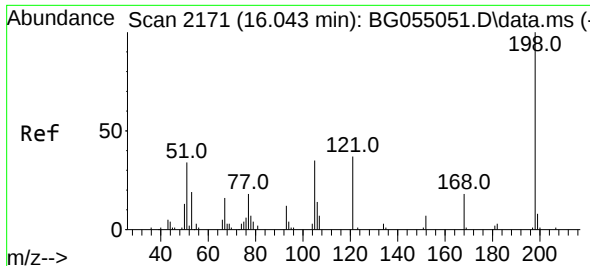
Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.2

80 7.9 7.2 10.8





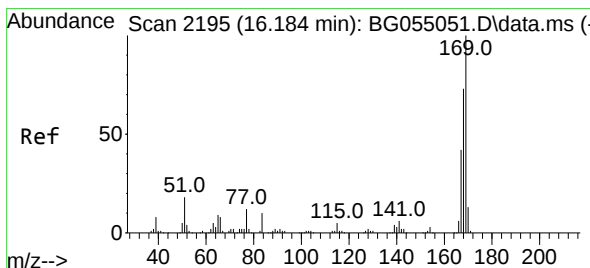
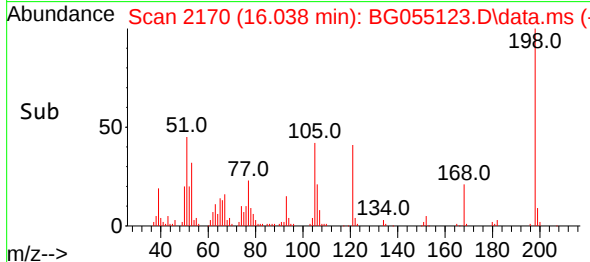
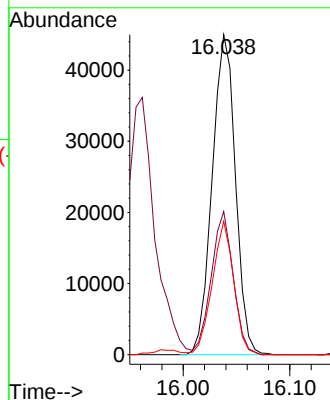
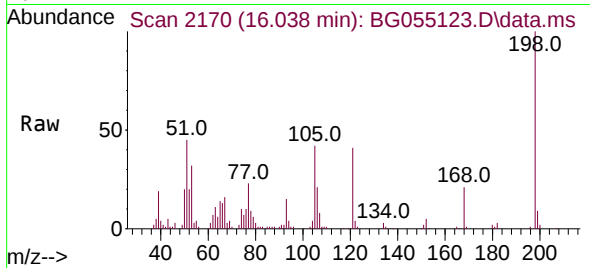
#65
4,6-Dinitro-2-methylphenol
Concen: 64.317 ng
RT: 16.038 min Scan# 2170
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion:198 Resp: 68265
Ion Ratio Lower Upper
198 100
51 44.7 19.4 59.4
105 41.6 16.2 56.2

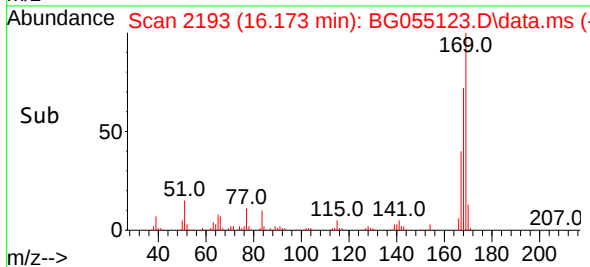
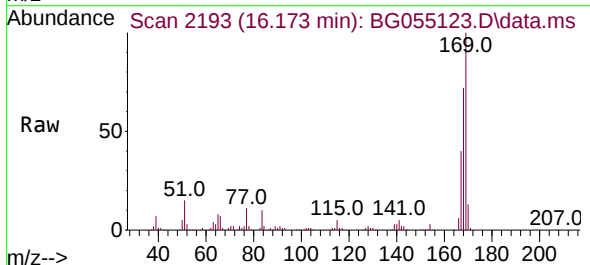
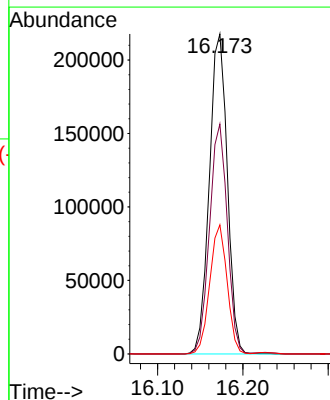
Manual Integrations
APPROVED

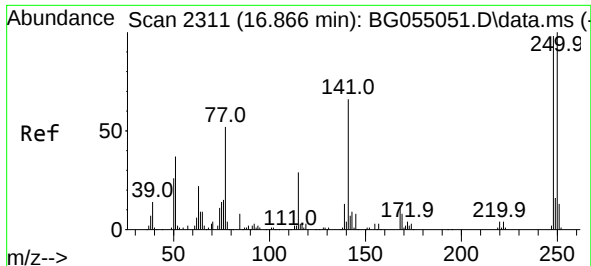
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#66
n-Nitrosodiphenylamine
Concen: 42.987 ng
RT: 16.173 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

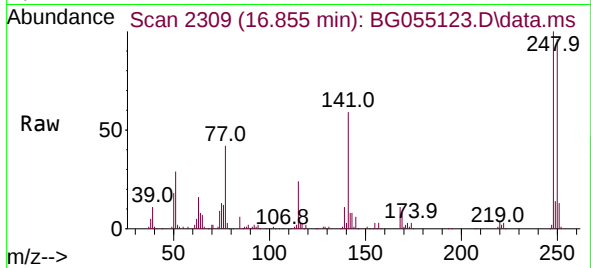
Tgt Ion:169 Resp: 318782
Ion Ratio Lower Upper
169 100
168 71.8 58.4 87.6
167 40.3 33.7 50.5





#67
4-Bromophenyl-phenylether
Concen: 44.866 ng
RT: 16.855 min Scan# 2309
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

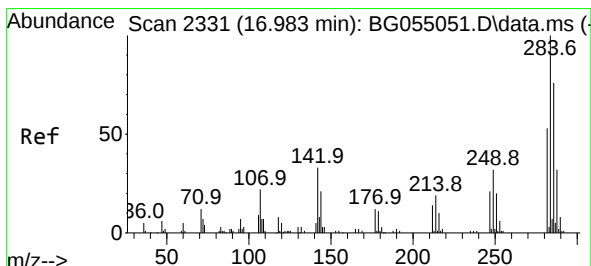
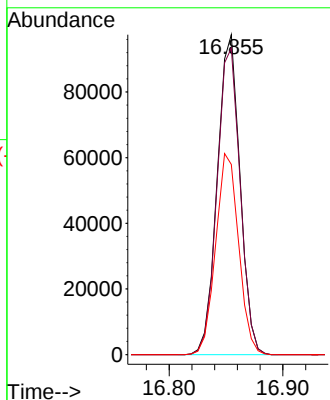
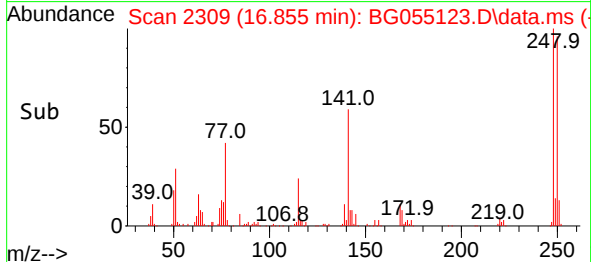
Instrument :
BNA_G
ClientSampleId :
PB148225BS



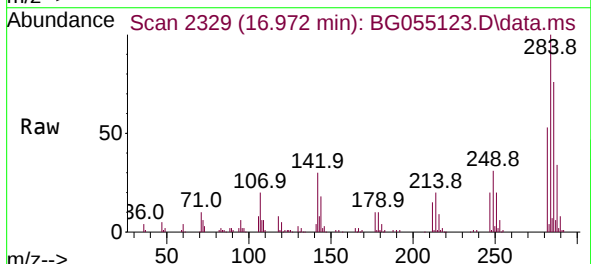
Tgt Ion:248 Resp: 135113
Ion Ratio Lower Upper
248 100
250 95.8 81.7 122.5
141 59.4 53.7 80.5

Manual Integrations
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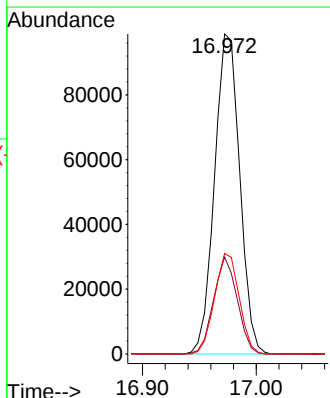
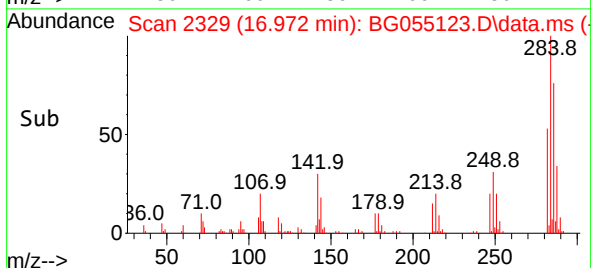
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

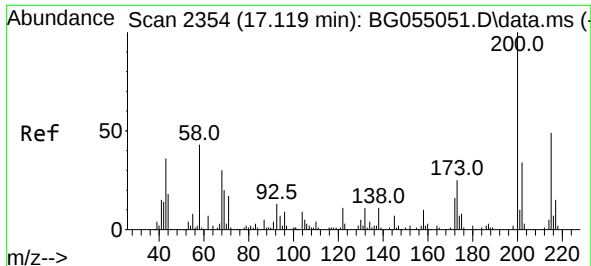


#68
Hexachlorobenzene
Concen: 43.693 ng
RT: 16.972 min Scan# 2329
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:284 Resp: 152129
Ion Ratio Lower Upper
284 100
142 30.3 26.2 39.2
249 31.4 25.2 37.8





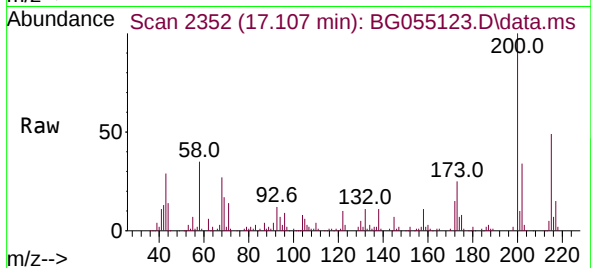
#69
 Atrazine
 Concen: 58.638 ng
 RT: 17.107 min Scan# 2352
 Delta R.T. -0.002 min
 Lab File: BG055123.D
 Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

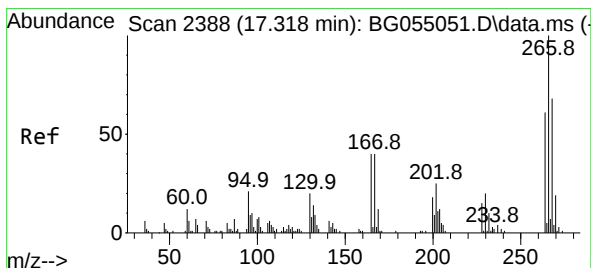
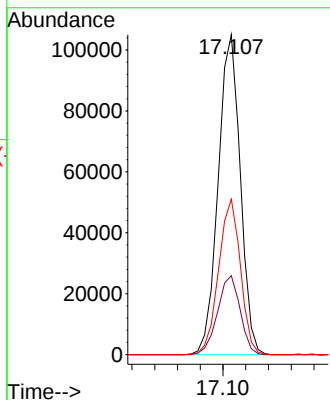
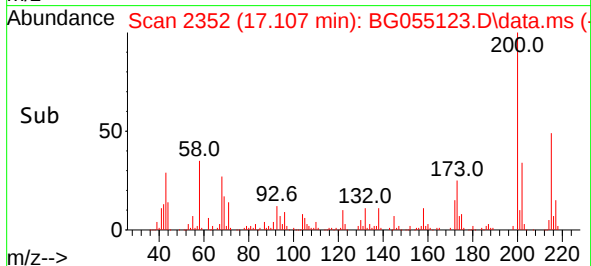


Tgt Ion:200 Resp: 141675
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.3 45.3
 215 48.6 29.1 69.1

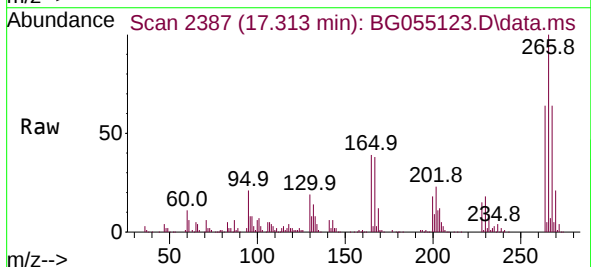
Manual Integrations

APPROVED

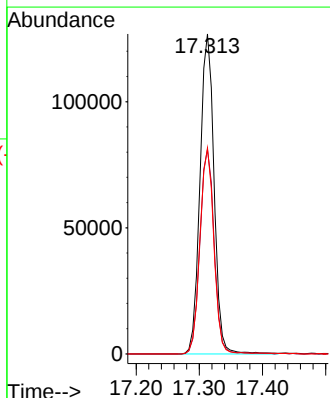
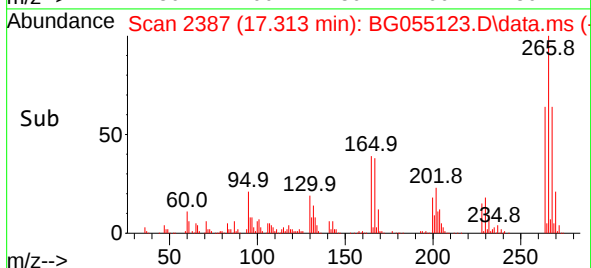
Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022

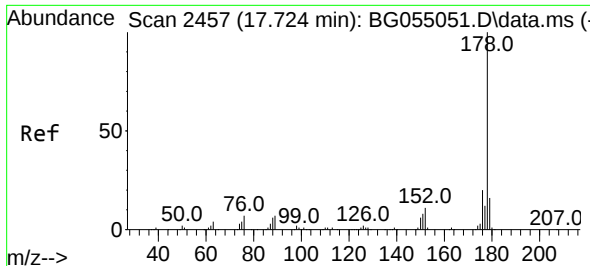


#70
 Pentachlorophenol
 Concen: 98.031 ng
 RT: 17.313 min Scan# 2387
 Delta R.T. -0.003 min
 Lab File: BG055123.D
 Acq: 11 Oct 2022 11:33



Tgt Ion:266 Resp: 195687
 Ion Ratio Lower Upper
 266 100
 268 63.9 54.0 81.0
 264 64.4 48.6 73.0





#71
Phenanthrene
Concen: 40.416 ng
RT: 17.712 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

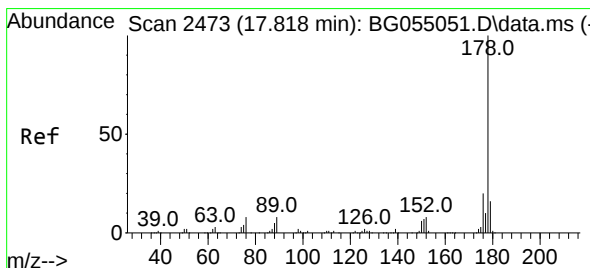
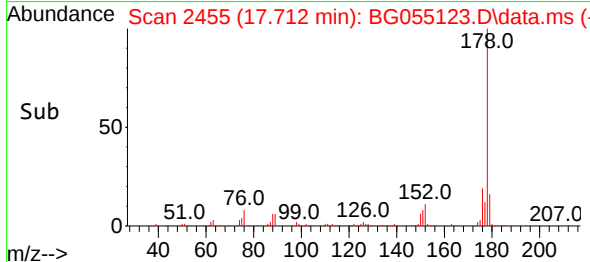
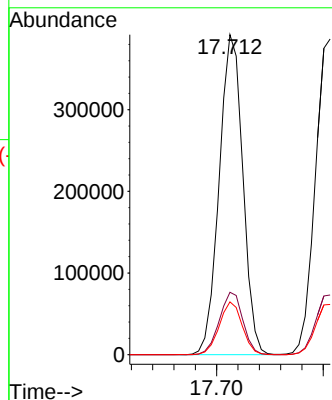
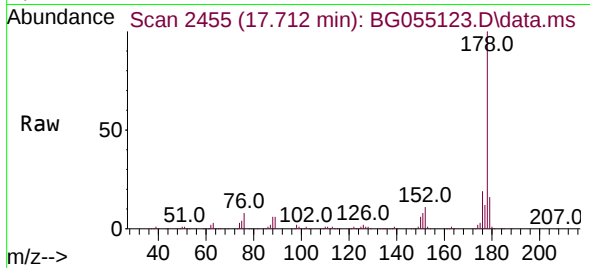
PB148225BS

Tgt Ion:178 Resp: 604526
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.5 13.2 19.8

Manual Integrations

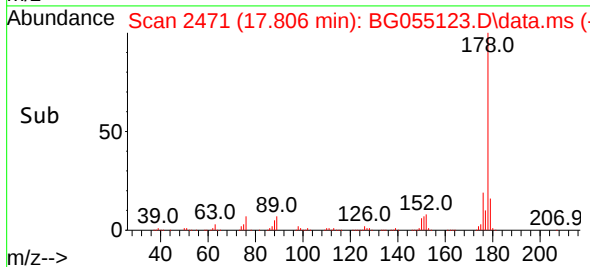
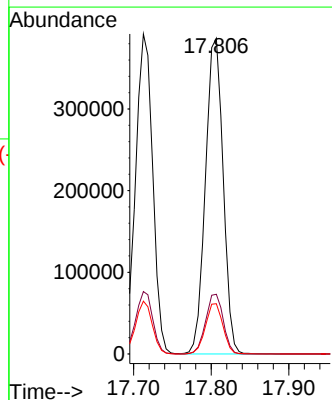
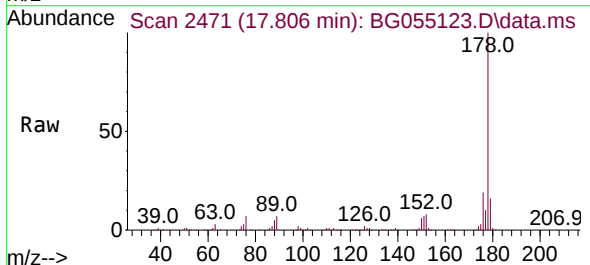
APPROVED

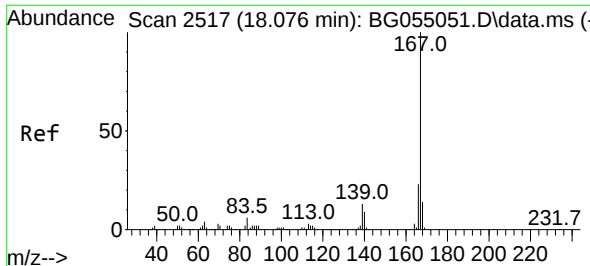
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#72
Anthracene
Concen: 42.090 ng
RT: 17.806 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:178 Resp: 612316
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.9 12.5 18.7





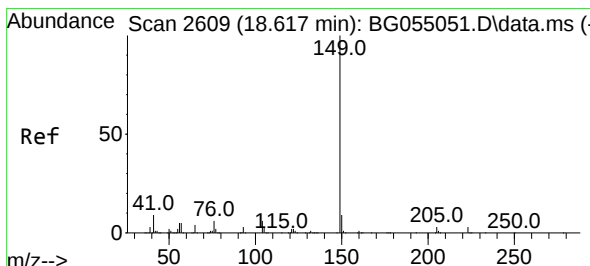
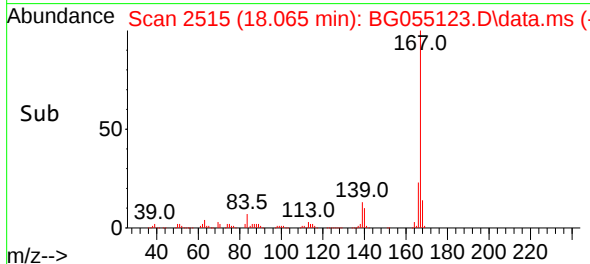
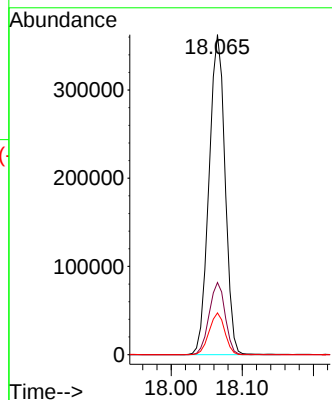
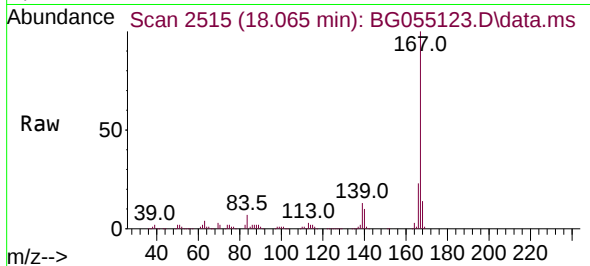
#73
Carbazole
Concen: 44.433 ng
RT: 18.065 min Scan# 2517
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion:167 Resp: 567373
Ion Ratio Lower Upper
167 100
166 22.5 18.2 27.2
139 13.0 10.2 15.4

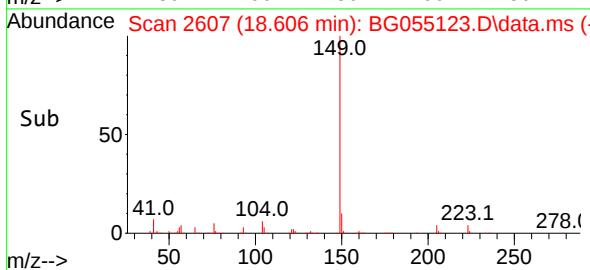
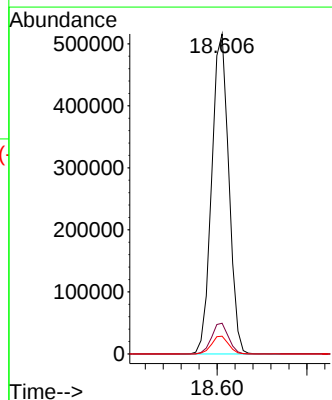
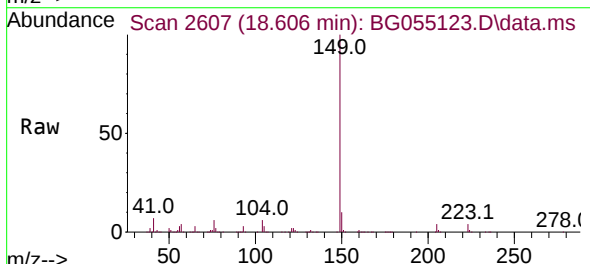
Manual Integrations
APPROVED

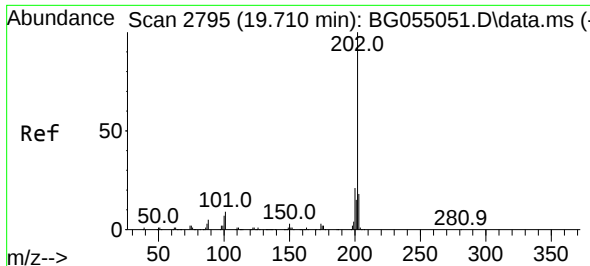
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#74
Di-n-butylphthalate
Concen: 51.072 ng
RT: 18.606 min Scan# 2607
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

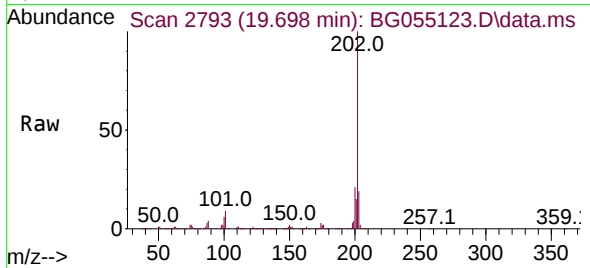
Tgt Ion:149 Resp: 680773
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 40.051 ng
RT: 19.698 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

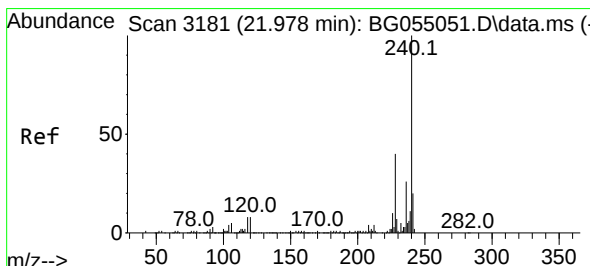
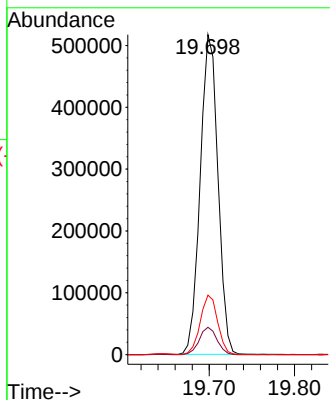
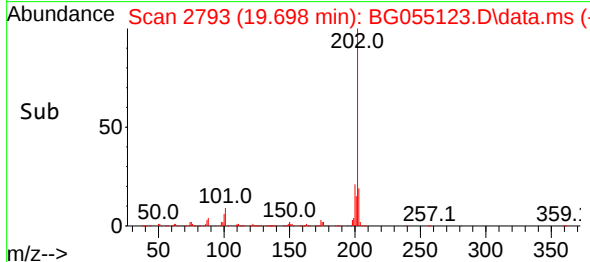
Instrument :
BNA_G
ClientSampleId :
PB148225BS



Tgt Ion:202 Resp: 747368
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.6 0.0 37.7

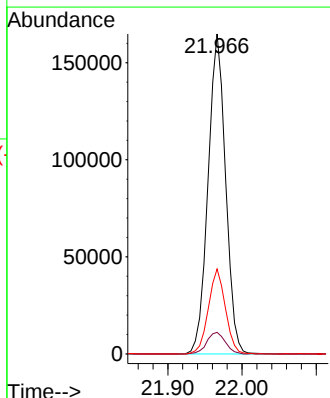
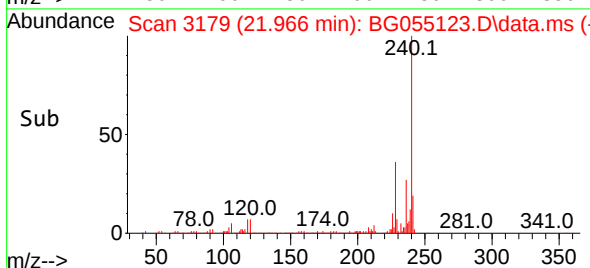
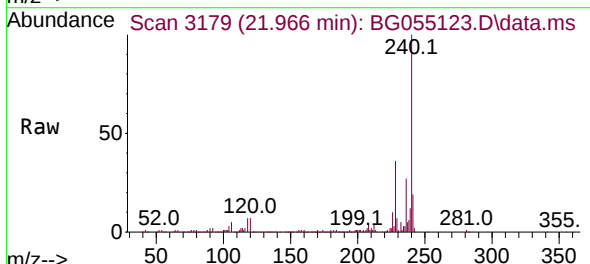
Manual Integrations
APPROVED

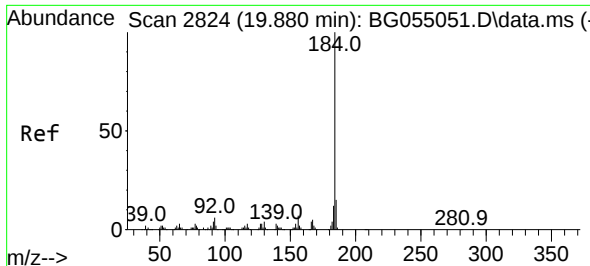
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

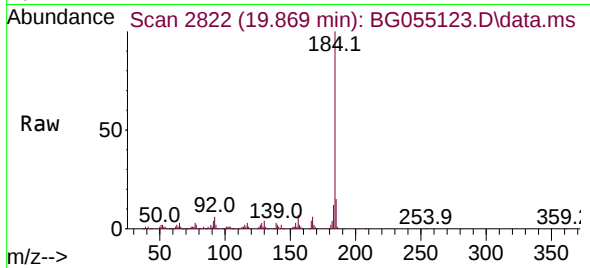
Tgt Ion:240 Resp: 270569
Ion Ratio Lower Upper
240 100
120 6.7 6.2 9.4
236 26.5 20.6 30.8





#77
Benzidine
Concen: 82.381 ng
RT: 19.869 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

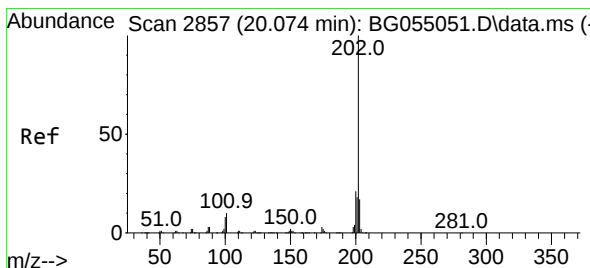
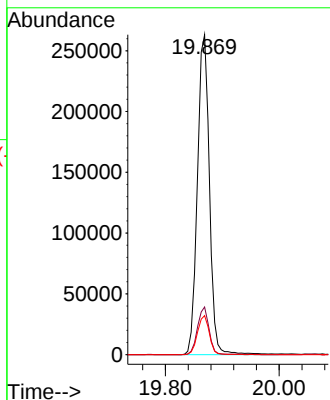
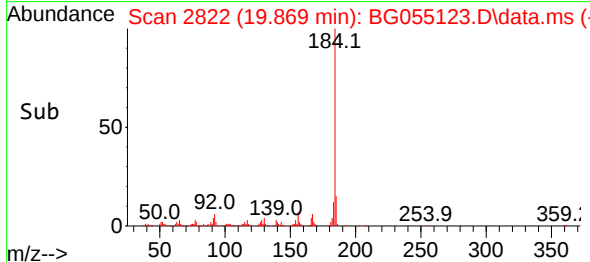
Instrument :
BNA_G
ClientSampleId :
PB148225BS



Tgt Ion:184 Resp: 383989
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 12.2 9.4 14.0

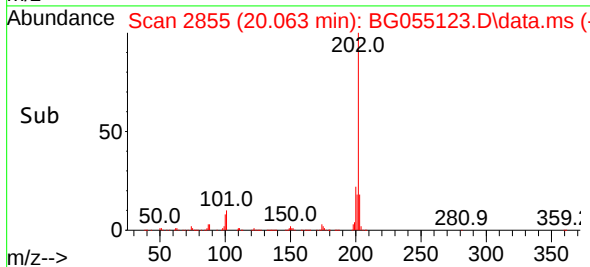
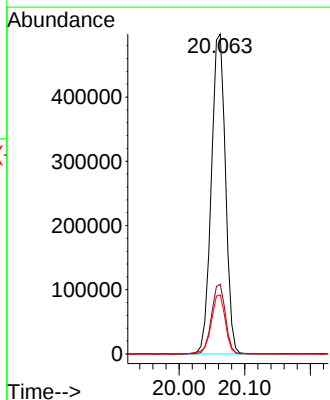
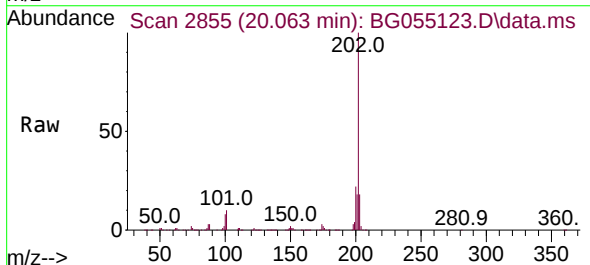
Manual Integrations
APPROVED

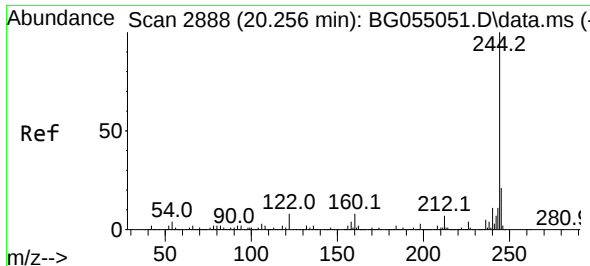
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#78
Pyrene
Concen: 41.443 ng
RT: 20.063 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:202 Resp: 745618
Ion Ratio Lower Upper
202 100
200 21.7 16.6 25.0
203 18.4 14.0 21.0





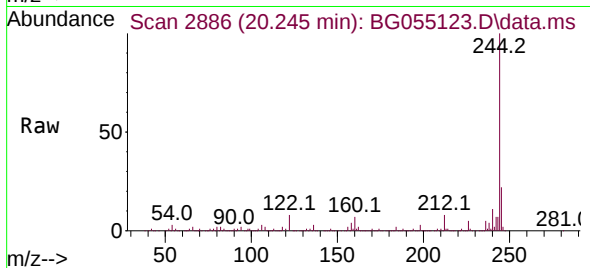
#79
 Terphenyl-d14
 Concen: 84.994 ng
 RT: 20.245 min Scan# 2888
 Delta R.T. -0.008 min
 Lab File: BG055123.D
 Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

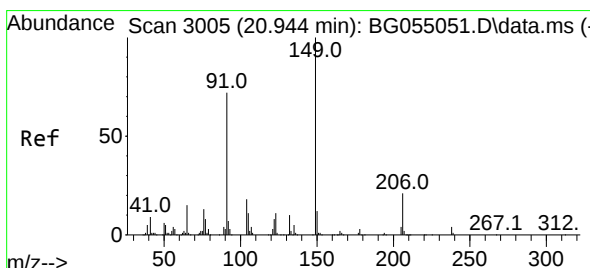
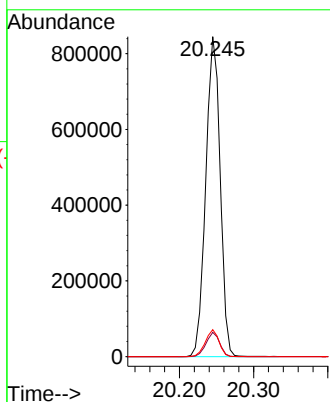
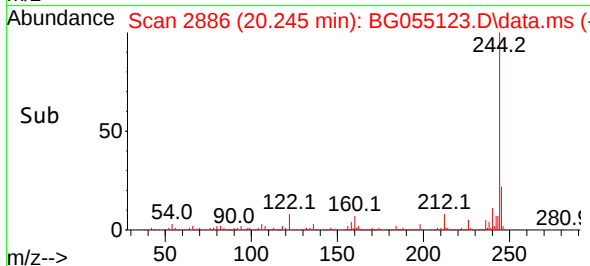


Tgt Ion:244 Resp: 1137788
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.4 6.6 10.0

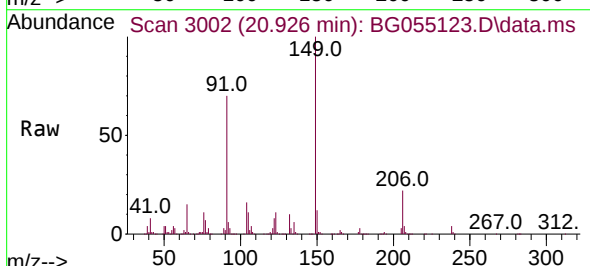
Manual Integrations

APPROVED

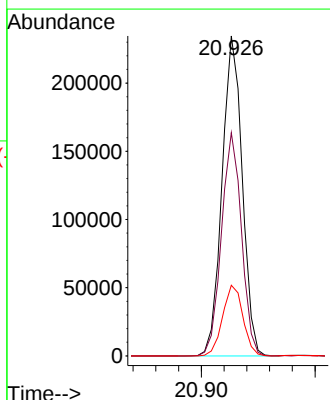
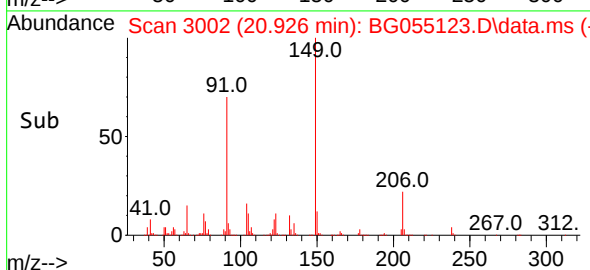
Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022

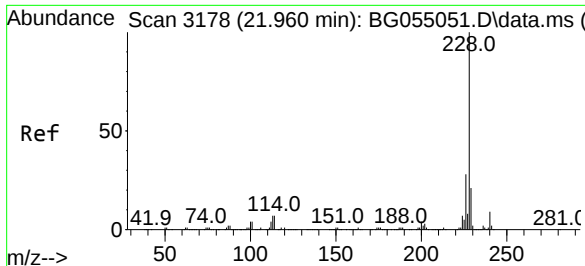


#80
 Butylbenzylphthalate
 Concen: 50.934 ng
 RT: 20.926 min Scan# 3002
 Delta R.T. -0.008 min
 Lab File: BG055123.D
 Acq: 11 Oct 2022 11:33



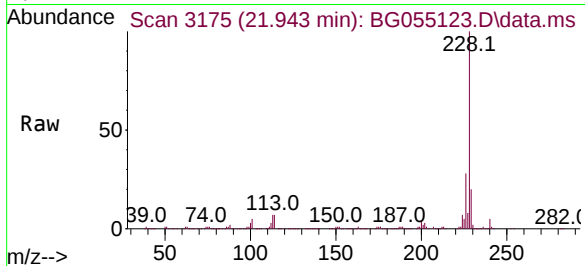
Tgt Ion:149 Resp: 288773
 Ion Ratio Lower Upper
 149 100
 91 69.7 57.8 86.8
 206 22.1 16.9 25.3





#81
Benzo(a)anthracene
Concen: 41.327 ng
RT: 21.943 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

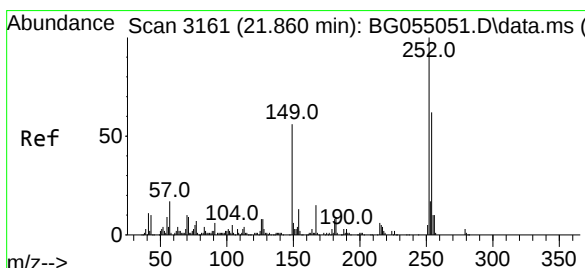
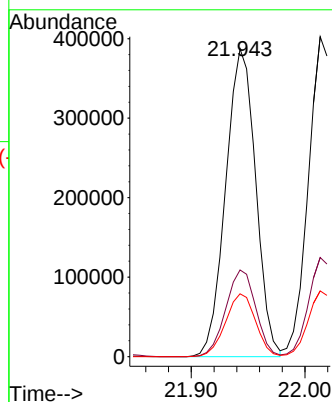
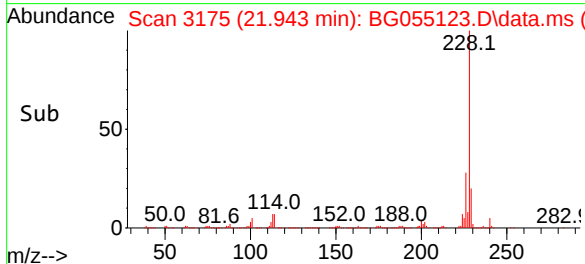
Instrument :
BNA_G
ClientSampleId :
PB148225BS



Tgt Ion:228 Resp: 710328
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.4 16.7 25.1

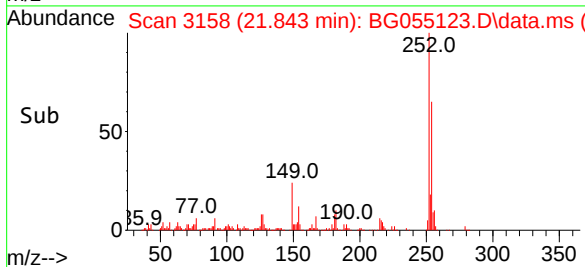
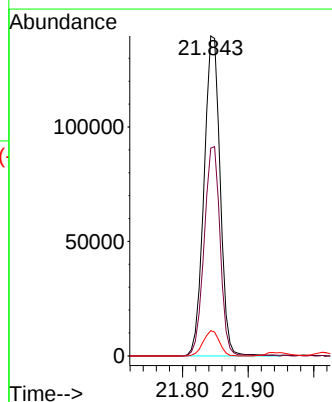
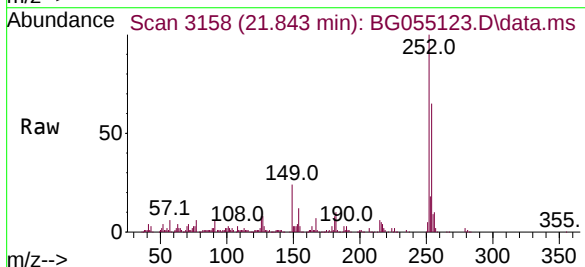
Manual Integrations
APPROVED

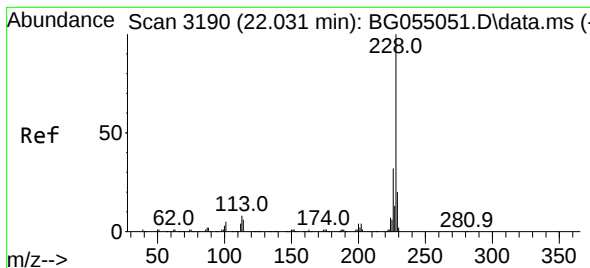
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 47.488 ng
RT: 21.843 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:252 Resp: 237280
Ion Ratio Lower Upper
252 100
254 64.9 49.8 74.8
126 7.9 6.3 9.5





#83

Chrysene

Concen: 39.681 ng

RT: 22.013 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

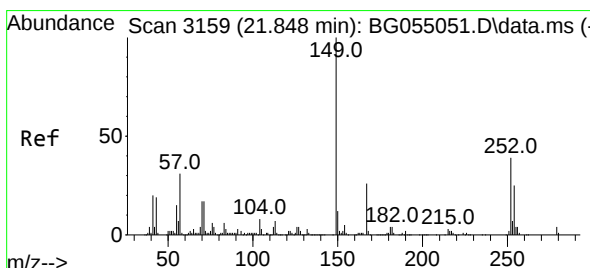
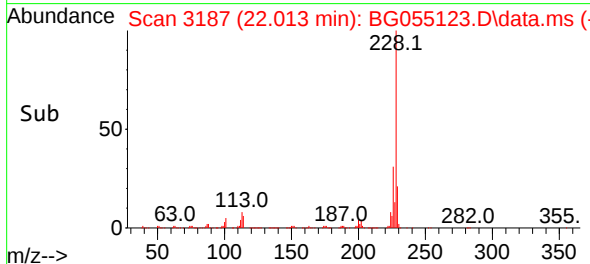
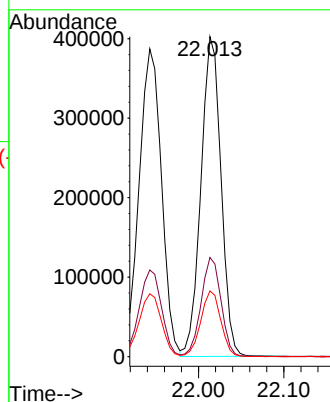
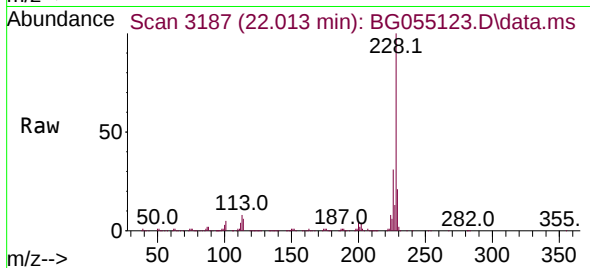
PB148225BS

Tgt Ion:228 Resp: 657352
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.3 37.9
 229 20.6 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.202 ng

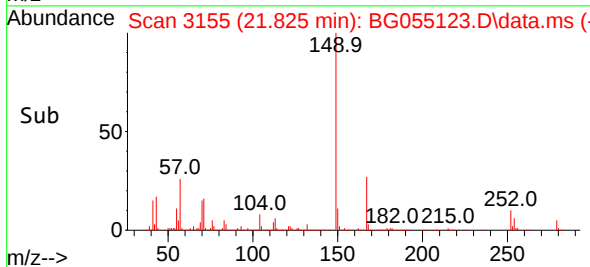
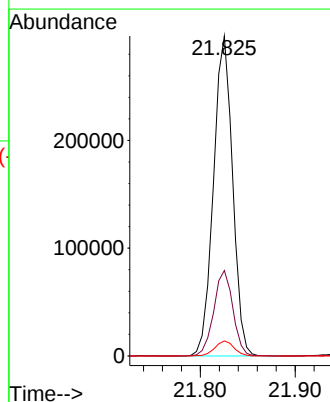
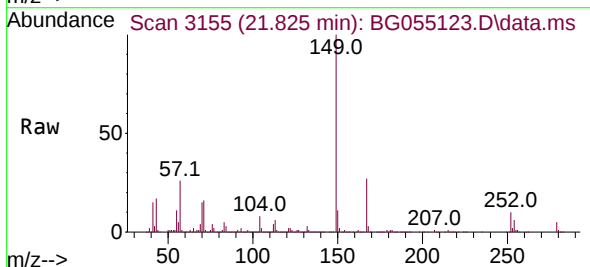
RT: 21.825 min Scan# 3155

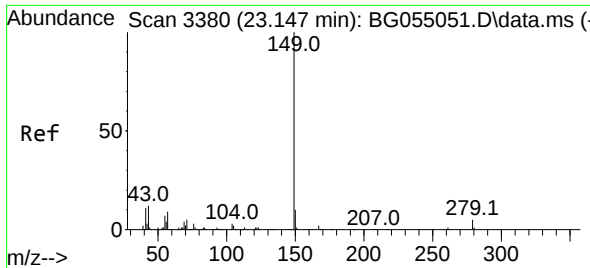
Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Tgt Ion:149 Resp: 415368
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 4.7 3.4 5.2





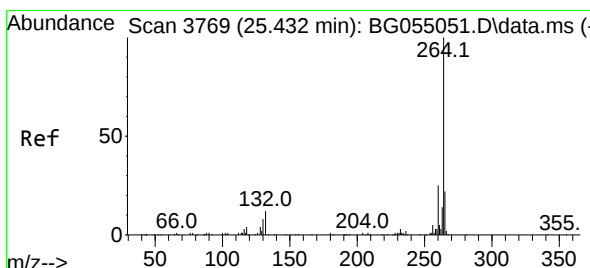
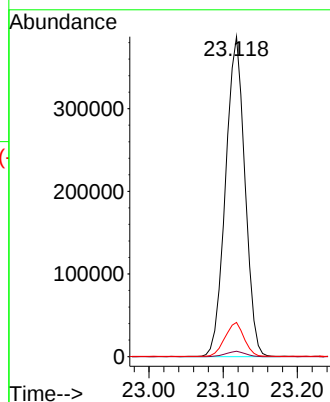
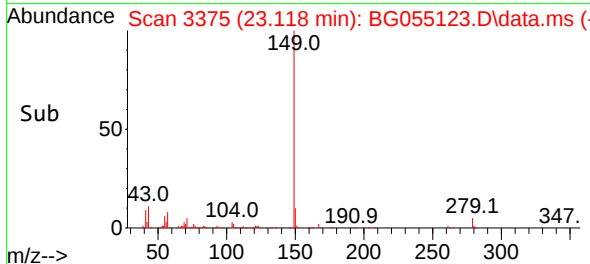
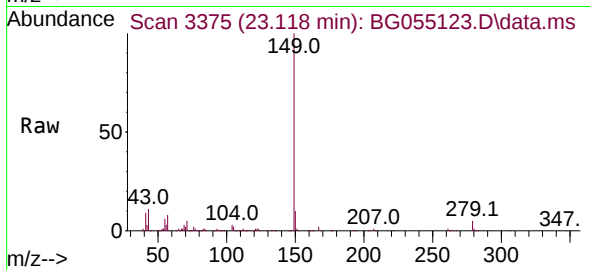
#85
Di-n-octyl phthalate
Concen: 49.494 ng
RT: 23.118 min Scan# 3380
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB148225BS

Tgt Ion:149 Resp: 701835
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 10.2 15.4

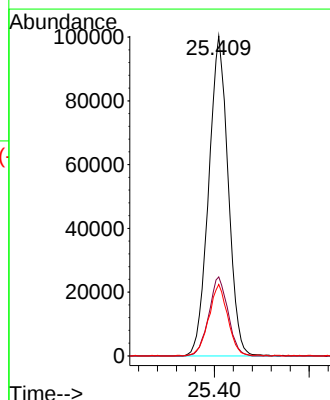
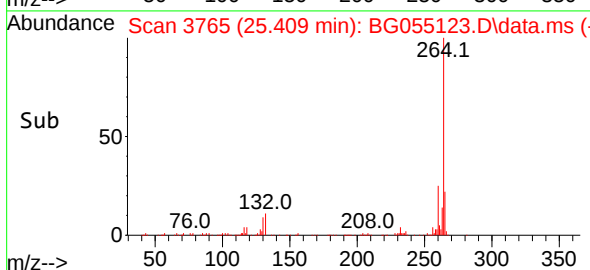
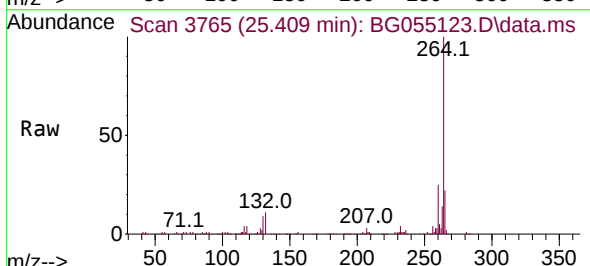
Manual Integrations
APPROVED

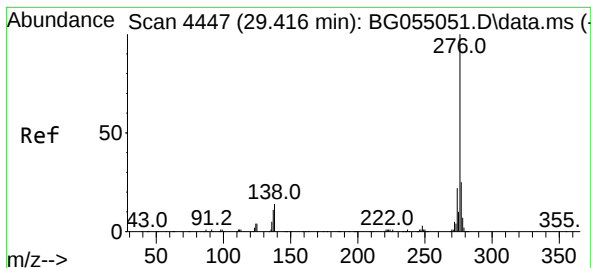
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Tgt Ion:264 Resp: 284912
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 22.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.641 ng

RT: 29.381 min Scan# 4447

Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

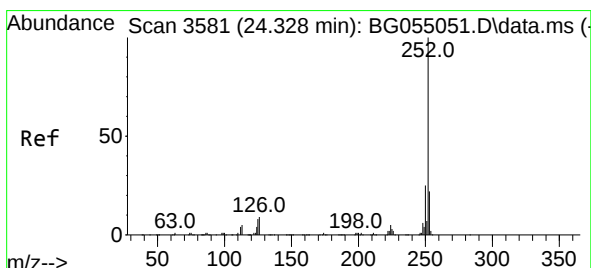
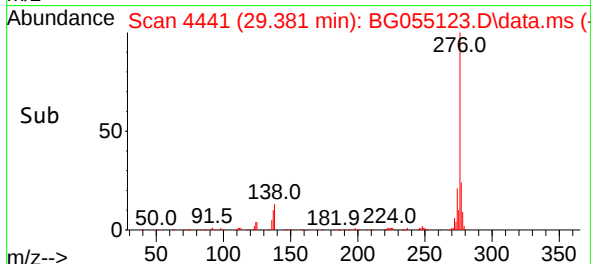
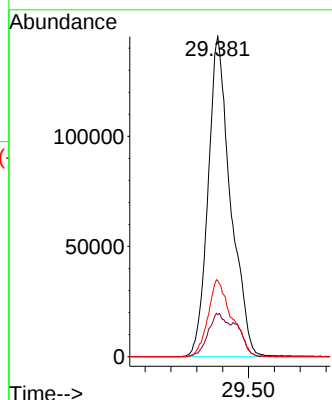
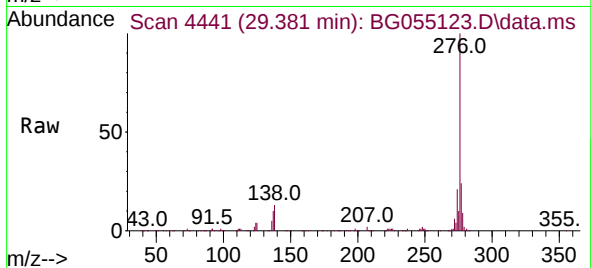
PB148225BS

Tgt Ion:276 Resp: 876729
 Ion Ratio Lower Upper
 276 100
 138 11.5 10.0 15.0
 277 25.6 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/12/2022
 Supervised By :Jagrut Upadhyay 10/12/2022



#88

Benzo(b)fluoranthene

Concen: 45.361 ng

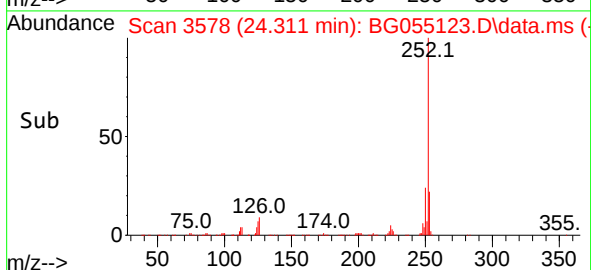
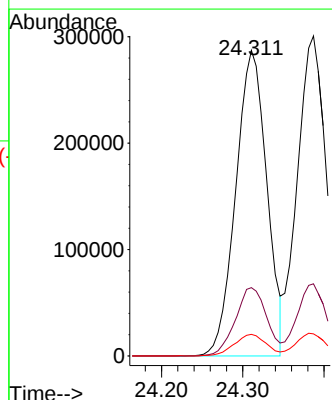
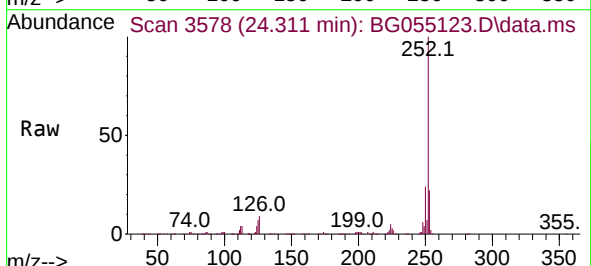
RT: 24.311 min Scan# 3578

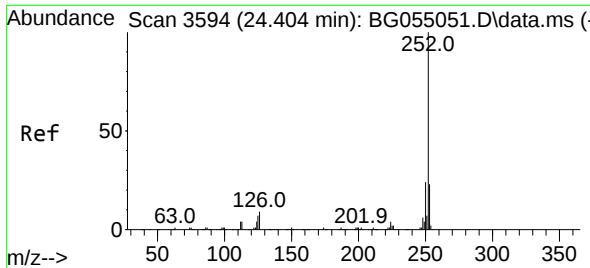
Delta R.T. -0.008 min

Lab File: BG055123.D

Acq: 11 Oct 2022 11:33

Tgt Ion:252 Resp: 761492
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.9 26.9
 125 7.0 6.1 9.1





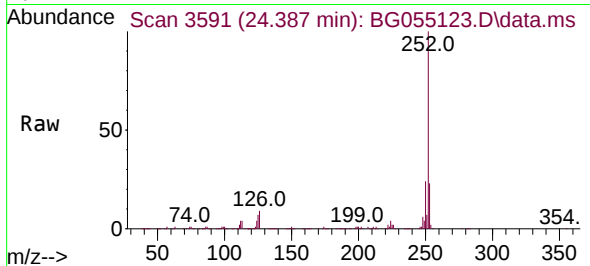
#89
Benzo(k)fluoranthene
Concen: 44.071 ng
RT: 24.387 min Scan# 3594
Delta R.T. -0.003 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

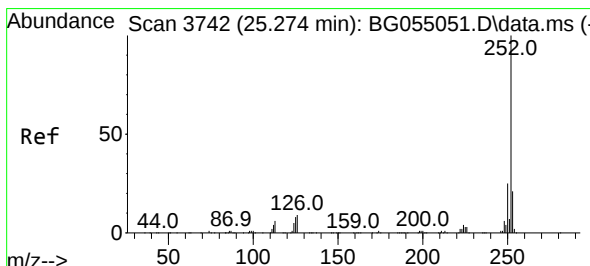
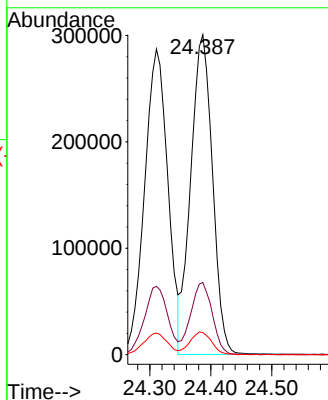
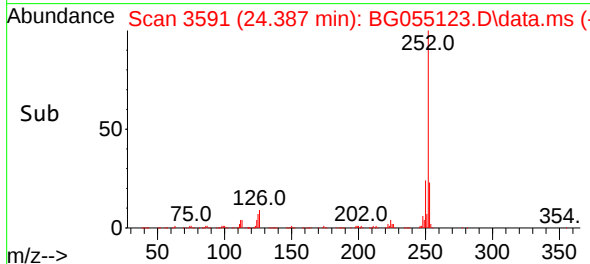


Tgt Ion:252 Resp: 745329
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 6.9 5.8 8.6

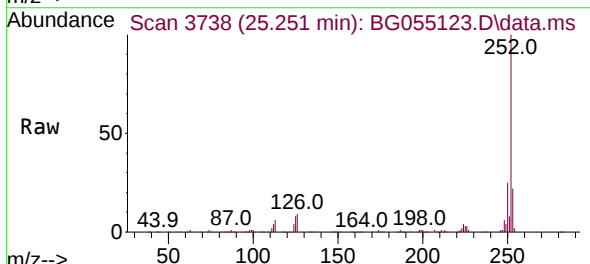
Manual Integrations

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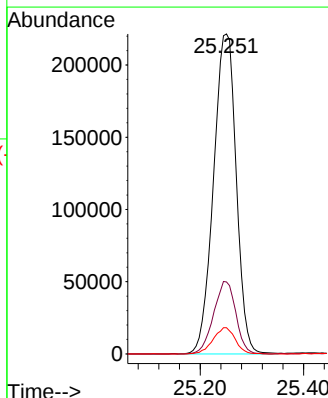
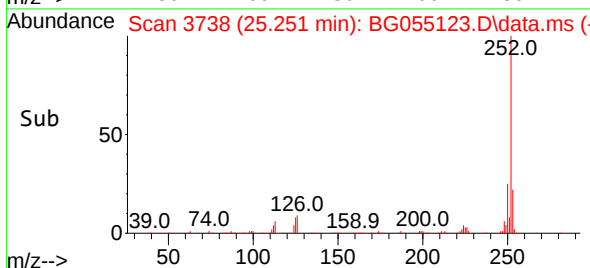
Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

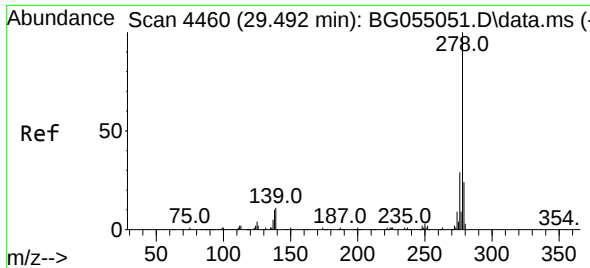


#90
Benzo(a)pyrene
Concen: 47.176 ng
RT: 25.251 min Scan# 3738
Delta R.T. -0.002 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:252 Resp: 678762
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 8.2 6.6 9.8





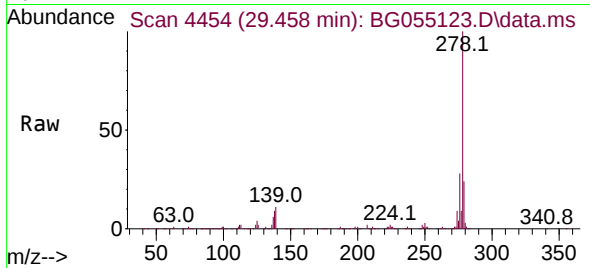
#91
Dibenzo(a,h)anthracene
Concen: 45.749 ng
RT: 29.458 min Scan# 4460
Delta R.T. -0.008 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB148225BS

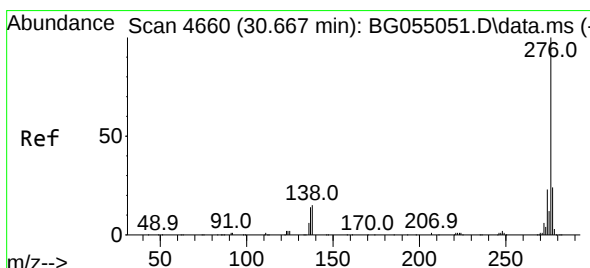
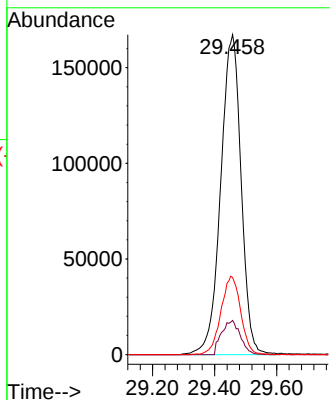
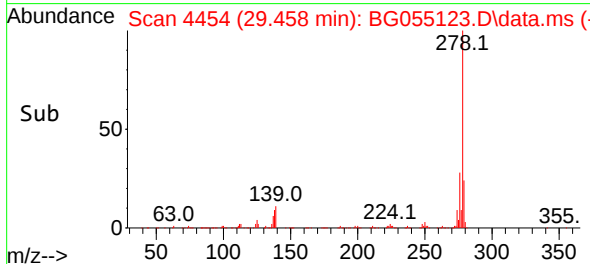


Tgt Ion:278 Resp: 764123
Ion Ratio Lower Upper
278 100
139 10.7 8.5 12.7
279 24.1 19.0 28.6

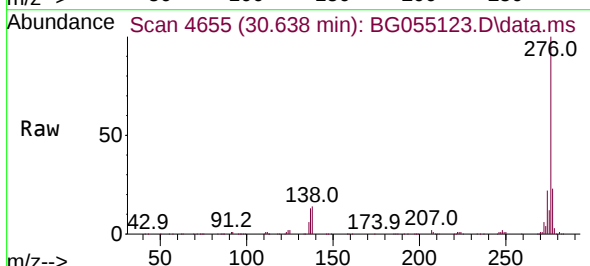
Manual Integrations

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Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022



#92
Benzo(g,h,i)perylene
Concen: 44.742 ng
RT: 30.638 min Scan# 4655
Delta R.T. 0.009 min
Lab File: BG055123.D
Acq: 11 Oct 2022 11:33



Tgt Ion:276 Resp: 750165
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 13.7 11.8 17.6

