

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056247.D
 Acq On : 11 Jan 2023 12:24
 Operator : CG/JU
 Sample : PB150116BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 08:10:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	52400	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	196483	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	161460	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	409121	20.000	ng	0.00
76) Chrysene-d12	21.960	240	412668	20.000	ng	# 0.00
86) Perylene-d12	25.403	264	406373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	428212	145.911	ng	0.00
7) Phenol-d6	7.454	99	592524	131.469	ng	0.00
23) Nitrobenzene-d5	9.492	82	308673	80.359	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	264227	129.215	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	975105	83.397	ng	0.00
79) Terphenyl-d14	20.239	244	1921150	83.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	46145	34.424	ng	# 92
3) Pyridine	4.063	79	117048	28.669	ng	# 94
4) n-Nitrosodimethylamine	3.969	42	31257	37.636	ng	# 94
6) Aniline	7.630	93	131948	22.325	ng	96
8) 2-Chlorophenol	7.877	128	139985	47.934	ng	93
10) Phenol	7.477	94	202558	44.317	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	128126	41.365	ng	98
12) 1,3-Dichlorobenzene	8.206	146	158909	44.709	ng	93
13) 1,4-Dichlorobenzene	8.352	146	157890	44.237	ng	97
14) 1,2-Dichlorobenzene	8.676	146	153091	44.453	ng	98
15) Benzyl Alcohol	8.546	79	133046	40.561	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.834	45	25677	46.911	ng	# 82
17) 2-Methylphenol	8.746	107	135836	40.502	ng	96
18) Hexachloroethane	9.416	117	49010	45.201	ng	97
19) n-Nitroso-di-n-propyla...	9.116	70	100539	36.685	ng	99
20) 3+4-Methylphenols	9.075	107	185535	39.348	ng	98
22) Acetophenone	9.140	105	225177	40.532	ng	# 98
24) Nitrobenzene	9.533	77	153240	40.256	ng	99
25) Isophorone	10.050	82	296264	36.658	ng	98
26) 2-Nitrophenol	10.250	139	82980	42.605	ng	98
27) 2,4-Dimethylphenol	10.291	122	150581	42.389	ng	97
28) bis(2-Chloroethoxy)met...	10.532	93	173894	41.398	ng	99
29) 2,4-Dichlorophenol	10.785	162	174218	44.360	ng	98
30) 1,2,4-Trichlorobenzene	11.008	180	191230	42.908	ng	96
31) Naphthalene	11.202	128	424056	41.009	ng	99
32) Benzoic acid	10.426	122	101579	38.539	ng	93
33) 4-Chloroaniline	11.296	127	77063	15.609	ng	96
34) Hexachlorobutadiene	11.478	225	140195	43.737	ng	98
35) Caprolactam	12.060	113	52560m	39.528	ng	
36) 4-Chloro-3-methylphenol	12.389	107	165406	41.505	ng	97
37) 2-Methylnaphthalene	12.783	142	337271	38.628	ng	100
38) 1-Methylnaphthalene	12.994	142	314580	38.799	ng	97
40) 1,2,4,5-Tetrachloroben...	13.141	216	260087	42.979	ng	98
41) Hexachlorocyclopentadiene	13.117	237	341488	98.979	ng	95
43) 2,4,6-Trichlorophenol	13.370	196	170737	42.668	ng	95
44) 2,4,5-Trichlorophenol	13.446	196	184391	38.954	ng	98

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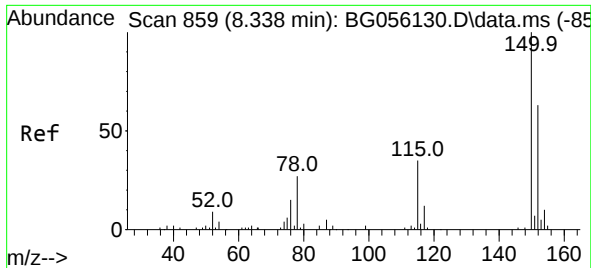
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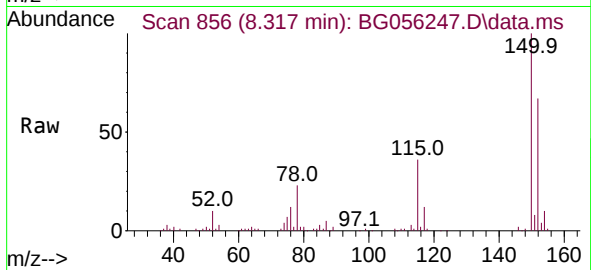
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.770	154	491049	42.466	ng	99
47) 2-Chloronaphthalene	13.817	162	390098	42.741	ng	97
48) 2-Nitroaniline	14.011	65	82443	42.395	ng	98
49) Acenaphthylene	14.657	152	604030	40.668	ng	99
50) Dimethylphthalate	14.369	163	522305	40.072	ng	100
51) 2,6-Dinitrotoluene	14.492	165	112957	40.671	ng	99
52) Acenaphthene	14.992	154	454141m	47.012	ng	
53) 3-Nitroaniline	14.821	138	61968	23.444	ng	96
54) 2,4-Dinitrophenol	15.033	184	175994	88.703	ng	98
55) Dibenzofuran	15.327	168	649811	40.650	ng	97
56) 4-Nitrophenol	15.115	139	174243	85.713	ng	94
57) 2,4-Dinitrotoluene	15.280	165	162621	41.868	ng	91
58) Fluorene	15.973	166	521470	40.558	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.544	232	184672	41.551	ng	95
60) Diethylphthalate	15.720	149	488831	39.991	ng	98
61) 4-Chlorophenyl-phenyle...	15.949	204	324691	40.466	ng	99
62) 4-Nitroaniline	15.985	138	105697	39.038	ng	97
63) Azobenzene	16.243	77	381341	40.428	ng	98
65) 4,6-Dinitro-2-methylph...	16.038	198	118667	43.051	ng	96
66) n-Nitrosodiphenylamine	16.167	169	485926	42.808	ng	96
67) 4-Bromophenyl-phenylether	16.842	248	219941	42.217	ng	96
68) Hexachlorobenzene	16.972	284	220682	45.402	ng	99
69) Atrazine	17.095	200	146575	31.157	ng	98
70) Pentachlorophenol	17.313	266	288068	77.153	ng	99
71) Phenanthrene	17.706	178	894969	42.212	ng	98
72) Anthracene	17.800	178	912284	41.712	ng	100
73) Carbazole	18.065	167	783702	42.629	ng	99
74) Di-n-butylphthalate	18.593	149	795421	43.403	ng	100
75) Fluoranthene	19.698	202	1142406	41.307	ng	98
77) Benzidine	19.862	184	251879	17.417	ng	99
78) Pyrene	20.056	202	1148787	39.495	ng	99
80) Butylbenzylphthalate	20.920	149	341541	40.929	ng	99
81) Benzo(a)anthracene	21.942	228	1159067	39.989	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	346305	33.190	ng	98
83) Chrysene	22.013	228	1086539	40.020	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	499617	41.558	ng	99
85) Di-n-octyl phthalate	23.088	149	851185	41.939	ng	100
87) Indeno(1,2,3-cd)pyrene	29.363	276	1357870	45.945	ng	# 97
88) Benzo(b)fluoranthene	24.304	252	1248483	48.354	ng	99
89) Benzo(k)fluoranthene	24.381	252	1196495	46.536	ng	100
90) Benzo(a)pyrene	25.239	252	1086207	43.132	ng	99
91) Dibenzo(a,h)anthracene	29.439	278	1167334	47.112	ng	98
92) Benzo(g,h,i)perylene	30.620	276	1124975	46.819	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

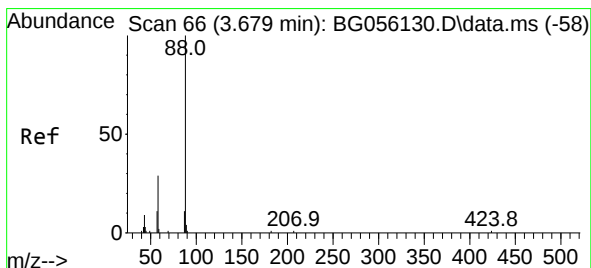
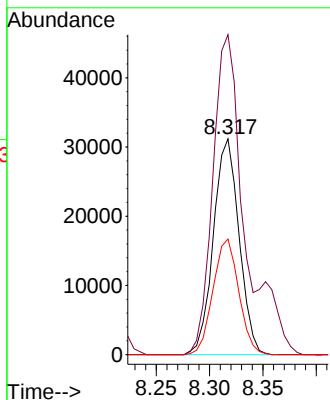
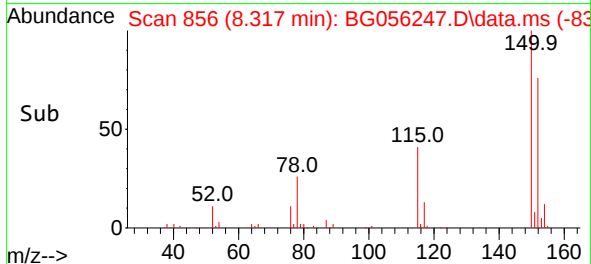
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:152 Resp: 52400
Ion Ratio Lower Upper
152 100
150 148.3 127.9 191.9
115 53.6 44.2 66.2

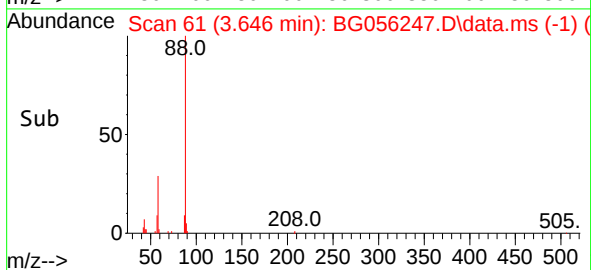
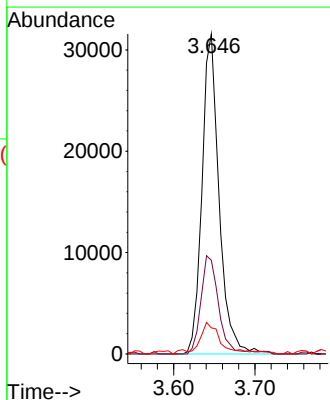
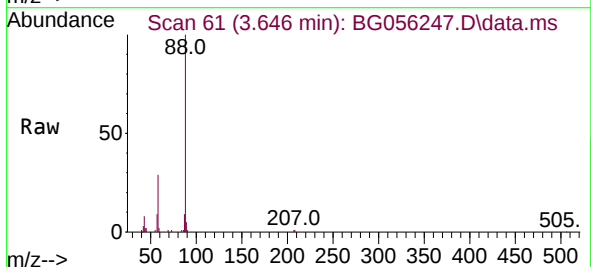
Manual Integrations
APPROVED

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#2
1,4-Dioxane
Concen: 34.424 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

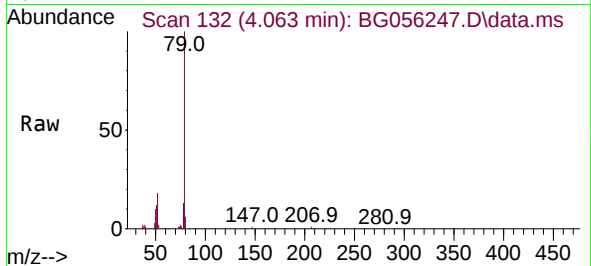
Tgt Ion: 88 Resp: 46145
Ion Ratio Lower Upper
88 100
58 32.2 21.4 32.0#
43 9.1 7.1 10.7





#3
Pyridine
Concen: 28.669 ng
RT: 4.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

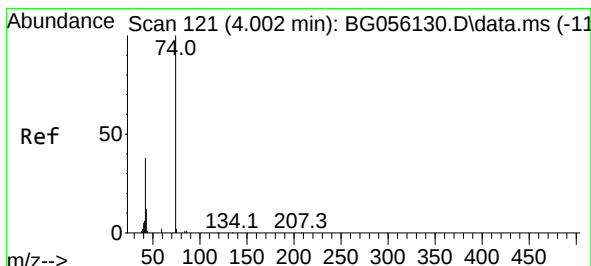
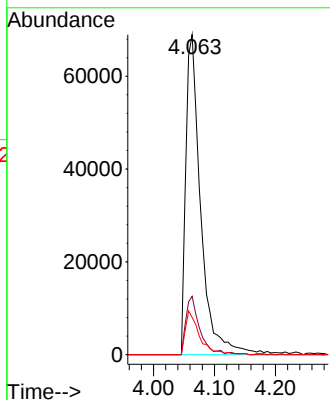
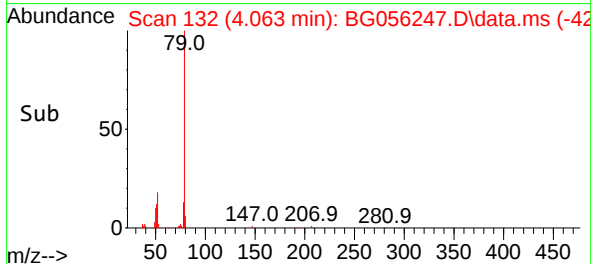
Instrument :
BNA_G
ClientSampleId :
PB150116BS



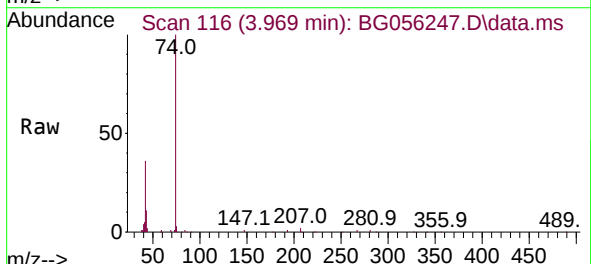
Tgt Ion: 79 Resp: 117048
Ion Ratio Lower Upper
79 100
52 18.2 11.8 17.6
51 11.6 8.8 13.2

Manual Integrations
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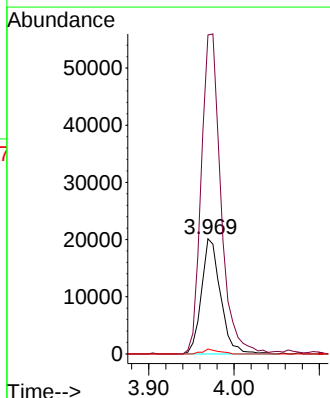
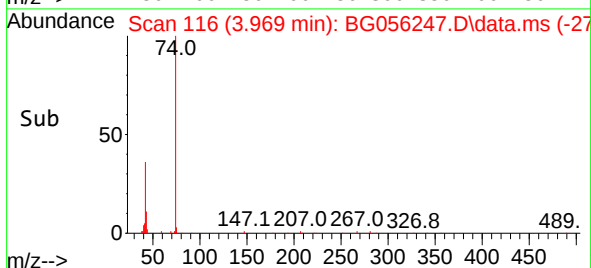
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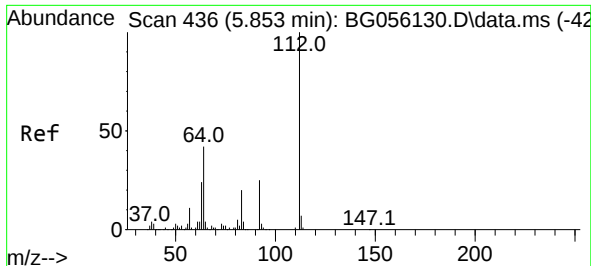


#4
n-Nitrosodimethylamine
Concen: 37.636 ng
RT: 3.969 min Scan# 116
Delta R.T. -0.005 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion: 42 Resp: 31257
Ion Ratio Lower Upper
42 100
74 277.2 212.6 319.0
44 4.2 2.6 3.8





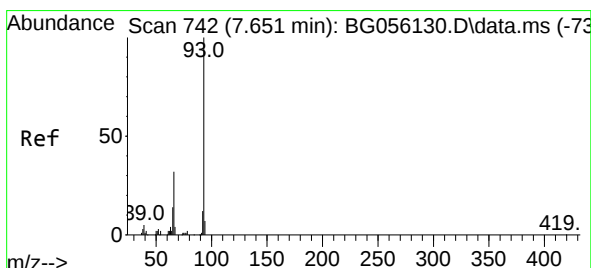
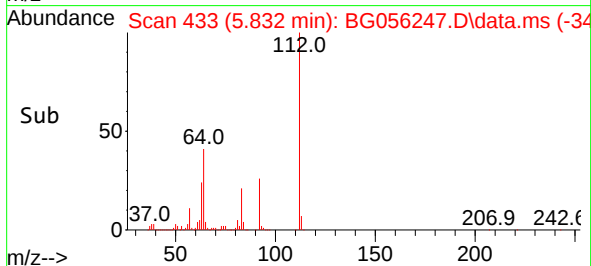
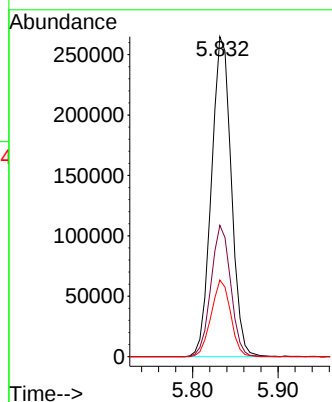
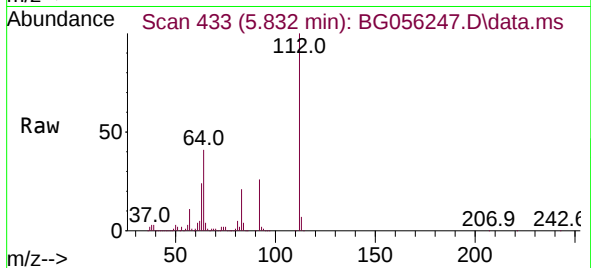
#5
2-Fluorophenol
Concen: 145.911 ng
RT: 5.832 min Scan# 436
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :
BNA_G
ClientSampleId :
PB150116BS

Tgt Ion:112 Resp: 428212
Ion Ratio Lower Upper
112 100
64 41.0 33.3 49.9
63 23.9 19.0 28.4

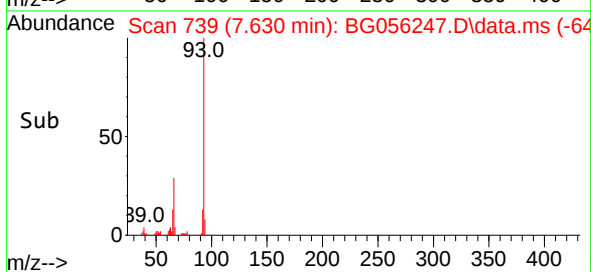
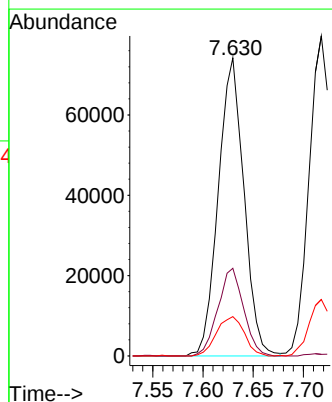
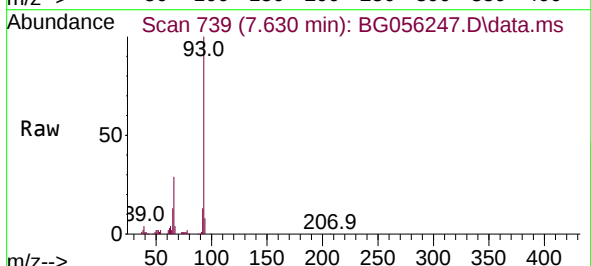
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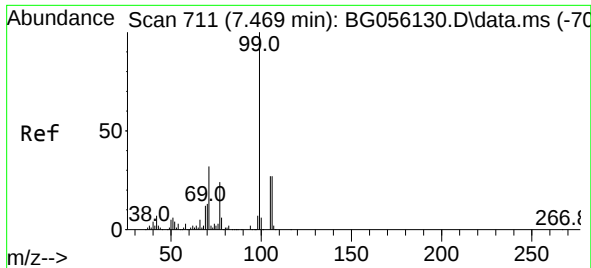
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#6
Aniline
Concen: 22.325 ng
RT: 7.630 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

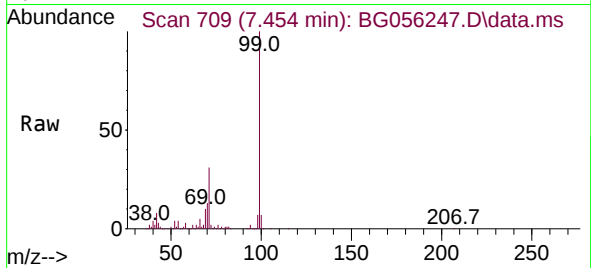
Tgt Ion: 93 Resp: 131948
Ion Ratio Lower Upper
93 100
66 29.4 25.4 38.2
65 13.2 11.4 17.2





#7
Phenol-d6
Concen: 131.469 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

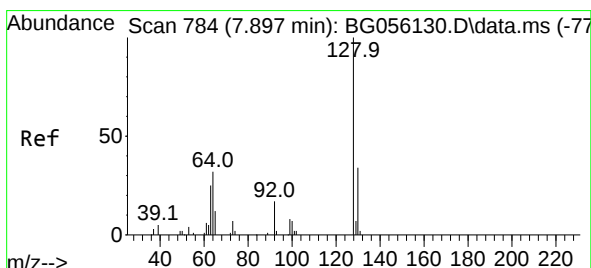
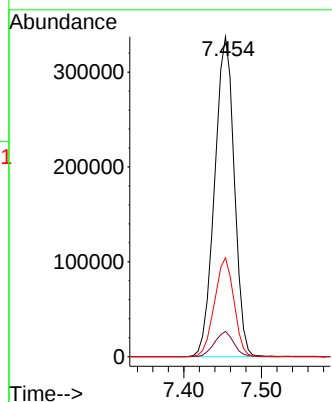
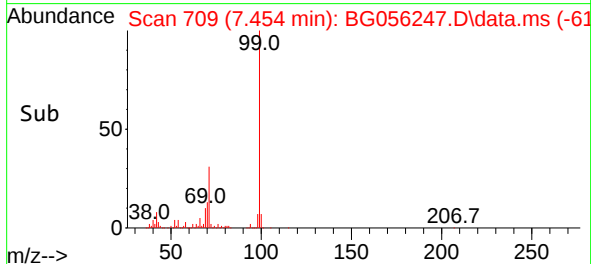
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion: 99 Resp: 592524
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.9 25.4 38.2

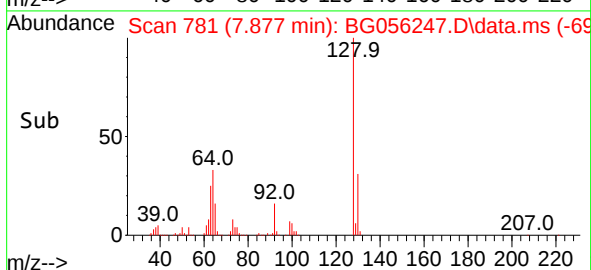
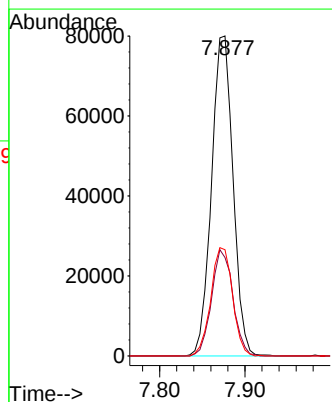
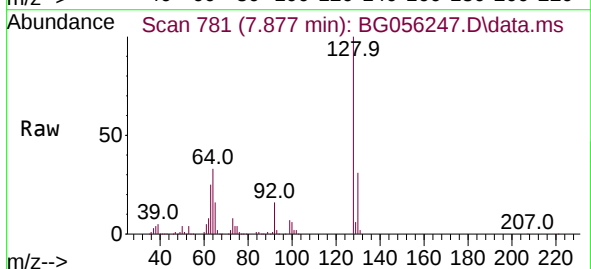
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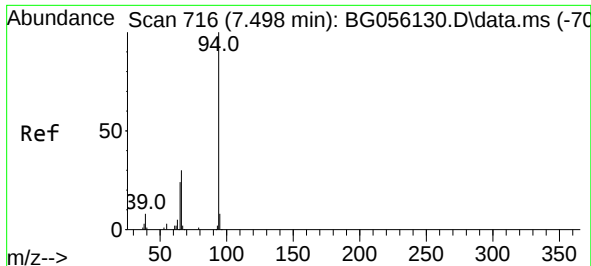
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#8
2-Chlorophenol
Concen: 47.934 ng
RT: 7.877 min Scan# 781
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

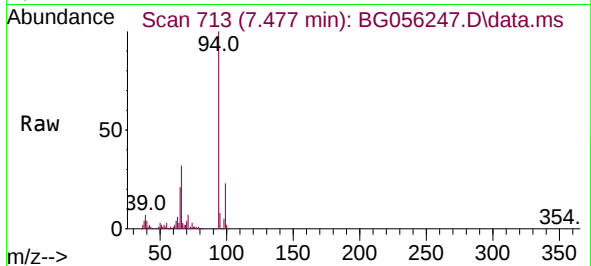
Tgt Ion:128 Resp: 139985
Ion Ratio Lower Upper
128 100
130 30.7 13.5 53.5
64 33.2 18.0 58.0





#10
Phenol
Concen: 44.317 ng
RT: 7.477 min Scan# 713
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

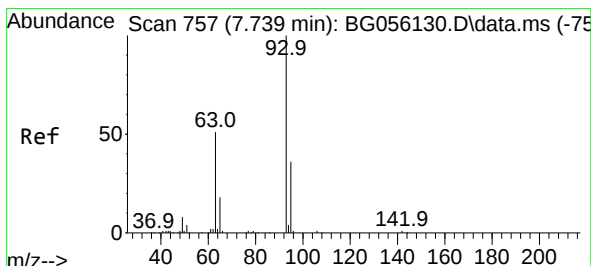
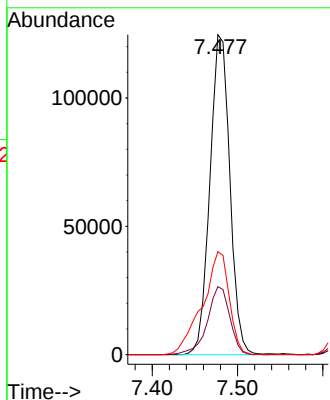
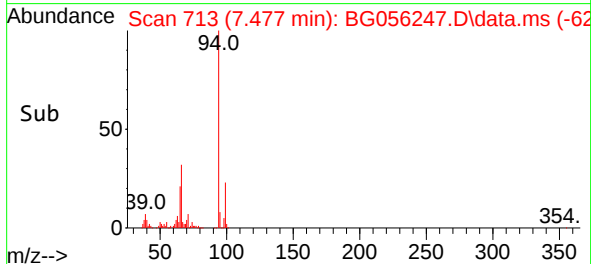
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion: 94 Resp: 202558
Ion Ratio Lower Upper
94 100
65 21.2 4.3 44.3
66 32.2 13.2 53.2

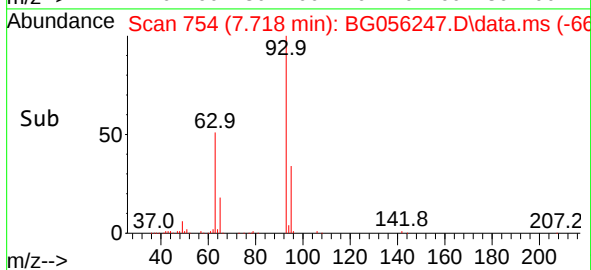
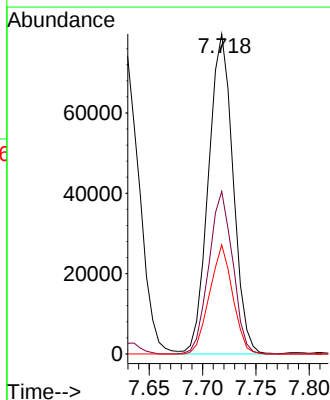
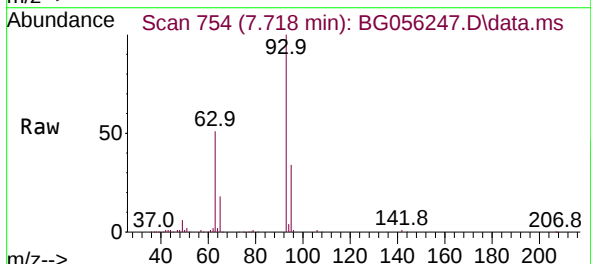
Manual Integrations
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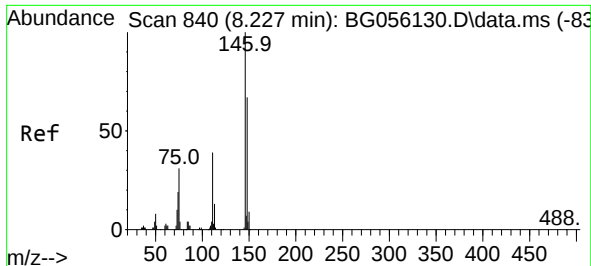
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#11
bis(2-Chloroethyl)ether
Concen: 41.365 ng
RT: 7.718 min Scan# 754
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion: 93 Resp: 128126
Ion Ratio Lower Upper
93 100
63 50.8 30.5 70.5
95 34.1 15.9 55.9





#12

1,3-Dichlorobenzene

Concen: 44.709 ng

RT: 8.206 min Scan# 840

Delta R.T. 0.000 min

Lab File: BG056247.D

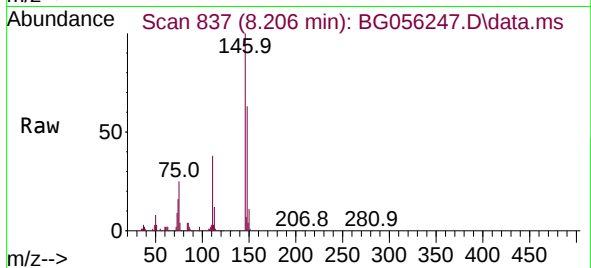
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS



Tgt Ion:146 Resp: 158909

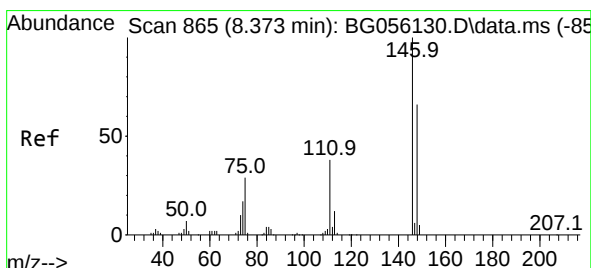
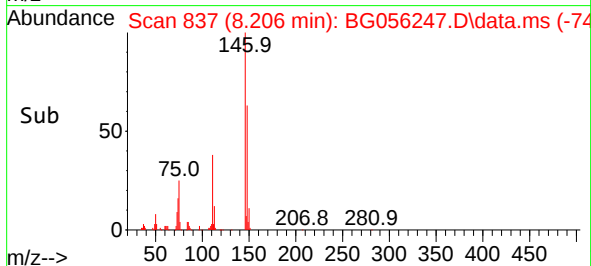
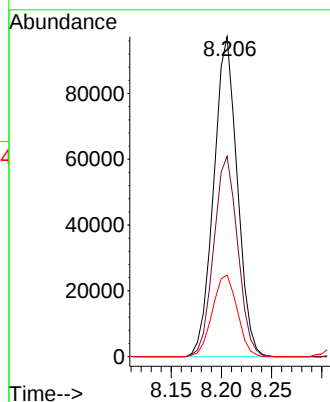
Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.5	80.3
75	25.5	24.8	37.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#13

1,4-Dichlorobenzene

Concen: 44.237 ng

RT: 8.352 min Scan# 862

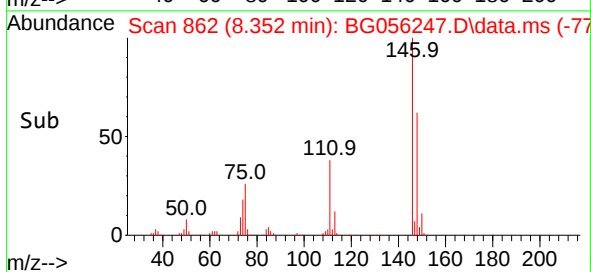
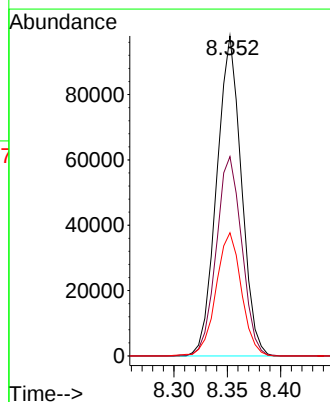
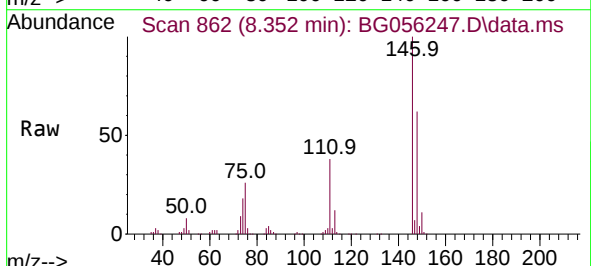
Delta R.T. 0.000 min

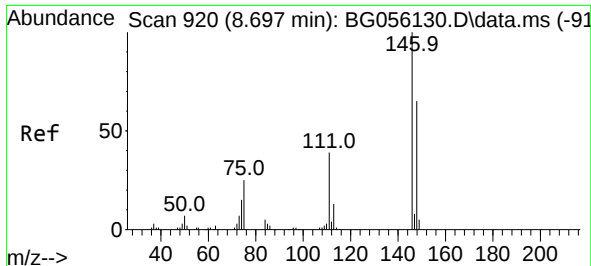
Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Tgt Ion:146 Resp: 157890

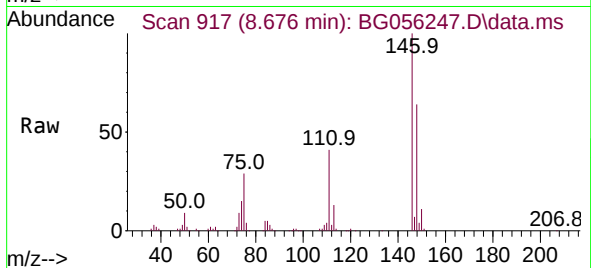
Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.8	79.2
111	38.5	30.5	45.7





#14
1,2-Dichlorobenzene
Concen: 44.453 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

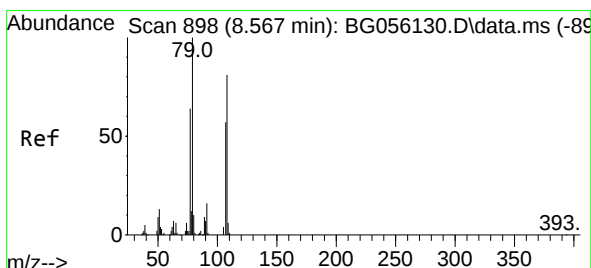
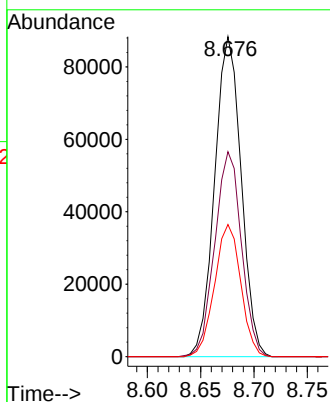
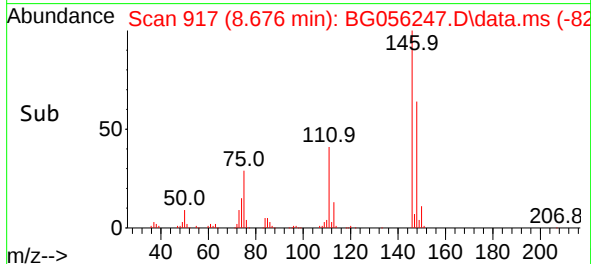
Instrument :
BNA_G
ClientSampleId :
PB150116BS



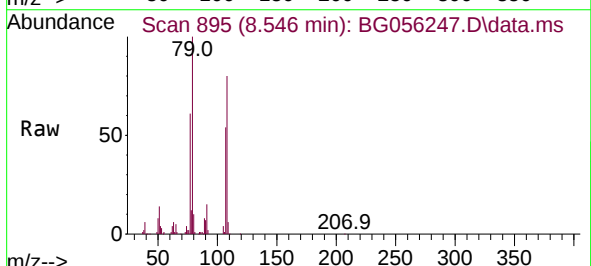
Tgt Ion:146 Resp: 153091
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 41.3 31.5 47.3

Manual Integrations
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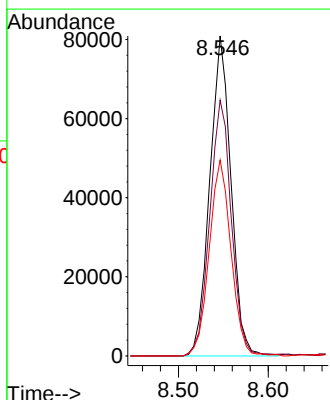
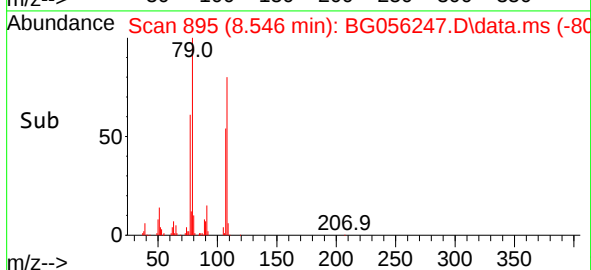
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

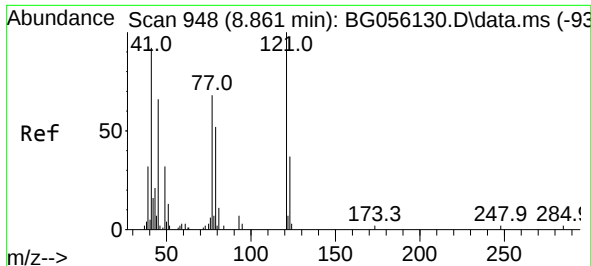


#15
Benzyl Alcohol
Concen: 40.561 ng
RT: 8.546 min Scan# 895
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



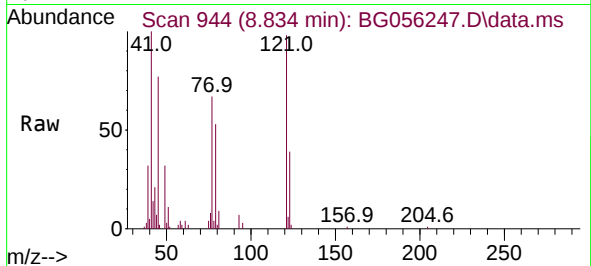
Tgt Ion: 79 Resp: 133046
Ion Ratio Lower Upper
79 100
108 79.9 64.7 97.1
77 61.2 51.5 77.3





#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.911 ng
RT: 8.834 min Scan# 948
Delta R.T. -0.005 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

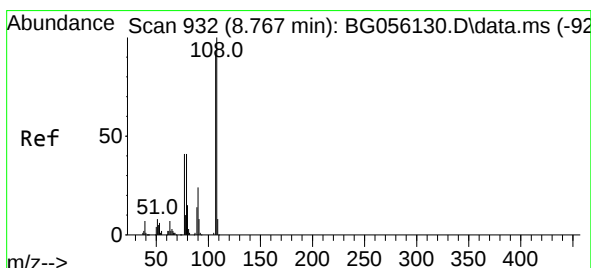
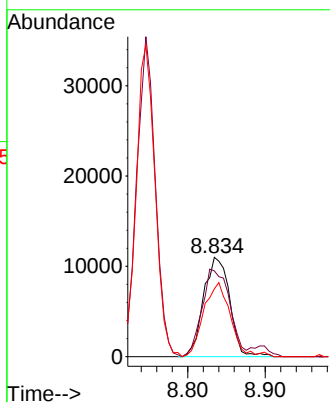
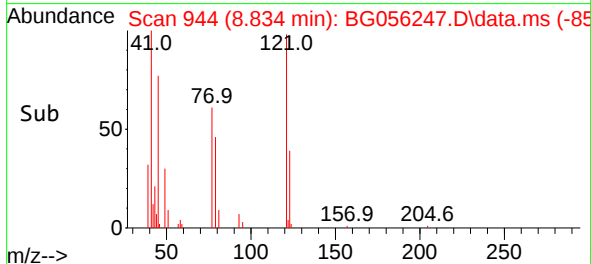
Instrument :
BNA_G
ClientSampleId :
PB150116BS



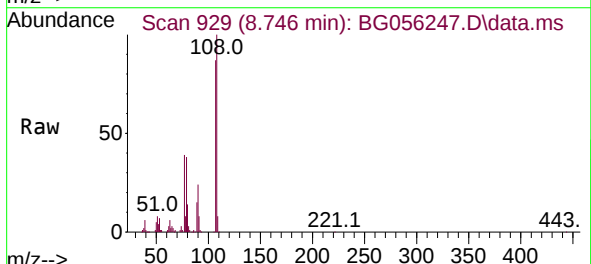
Tgt Ion: 45 Resp: 25672
Ion Ratio Lower Upper
45 100
77 86.2 88.2 128.2
79 68.2 61.2 101.2

Manual Integrations
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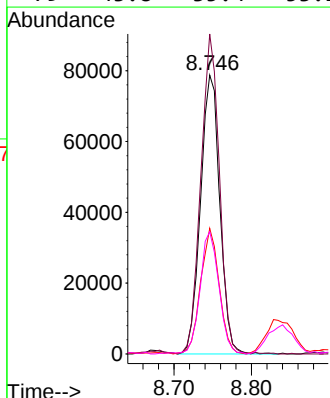
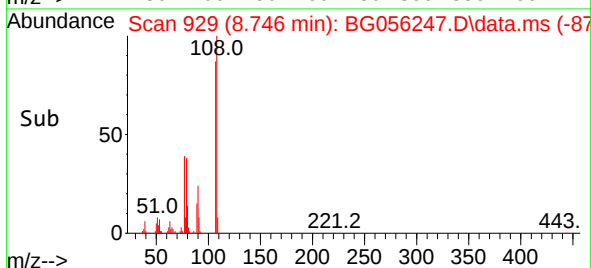
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

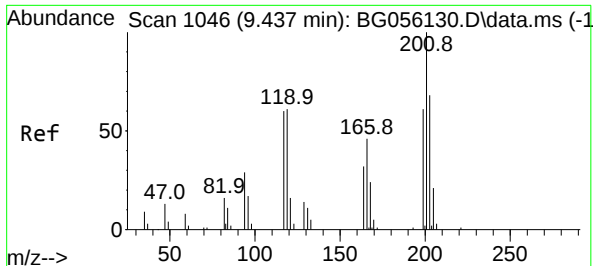


#17
2-Methylphenol
Concen: 40.502 ng
RT: 8.746 min Scan# 929
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



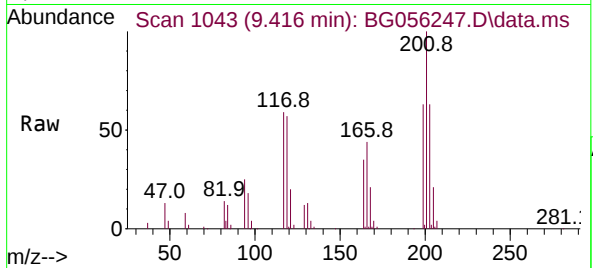
Tgt Ion:107 Resp: 135836
Ion Ratio Lower Upper
107 100
108 114.8 86.6 129.8
77 45.0 35.4 53.2
79 43.8 35.4 53.2





#18
Hexachloroethane
Concen: 45.201 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

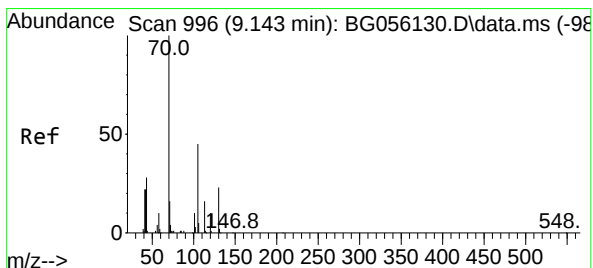
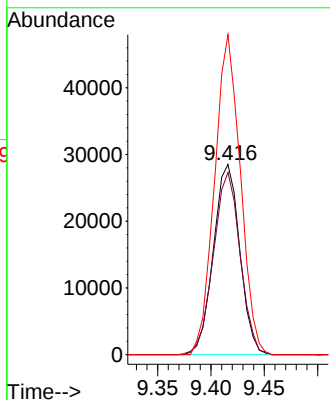
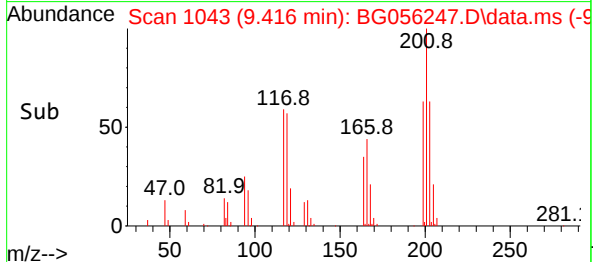
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:117 Resp: 49010
Ion Ratio Lower Upper
117 100
119 95.8 81.8 122.6
201 168.3 134.2 201.2

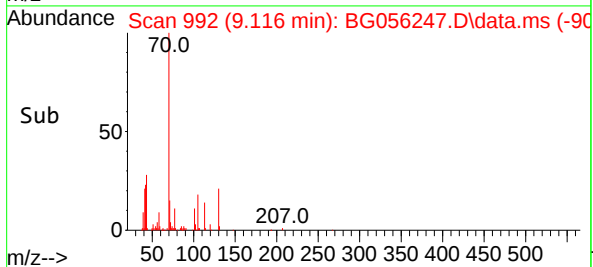
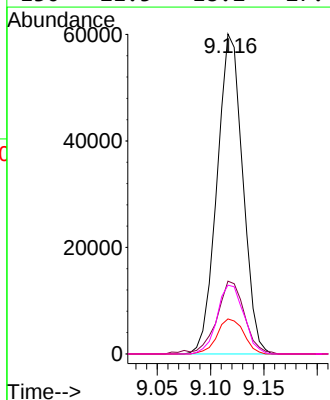
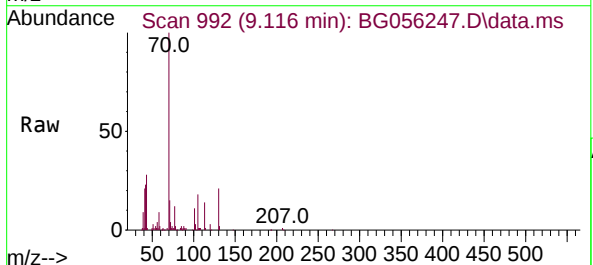
Manual Integrations
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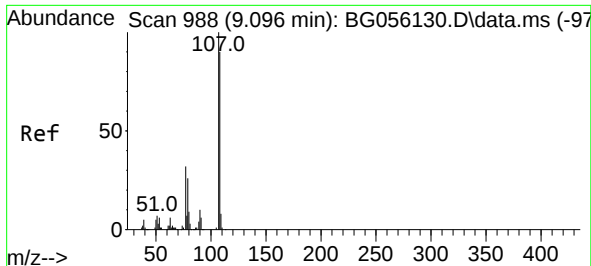
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#19
n-Nitroso-di-n-propylamine
Concen: 36.685 ng
RT: 9.116 min Scan# 992
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion: 70 Resp: 100539
Ion Ratio Lower Upper
70 100
42 22.7 18.2 27.2
101 10.9 8.3 12.5
130 21.5 18.2 27.4





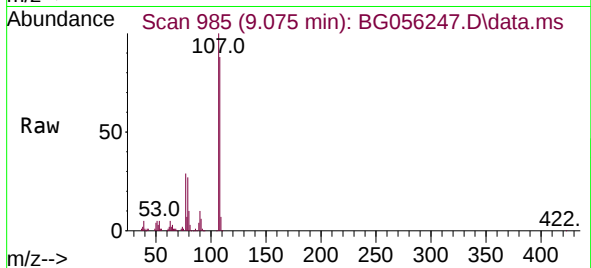
#20
3+4-Methylphenols
Concen: 39.348 ng
RT: 9.075 min Scan# 988
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS

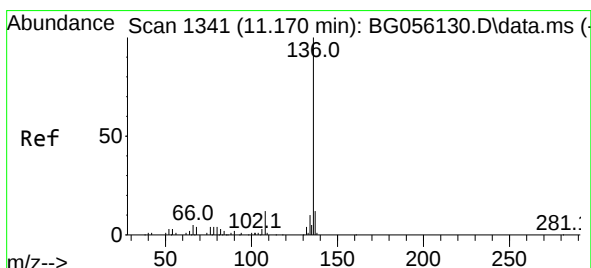
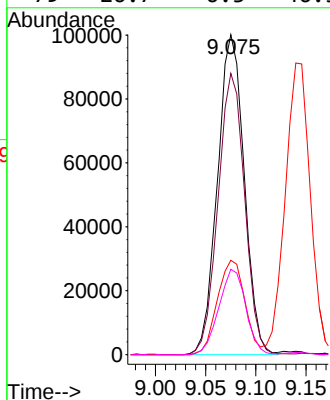
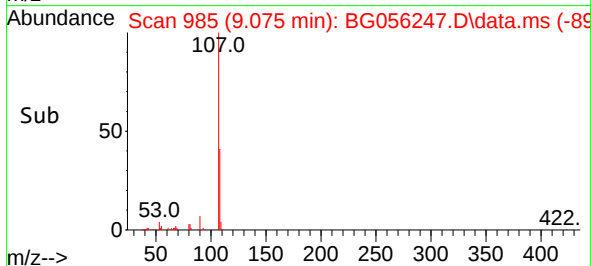


Tgt Ion:107 Resp: 185538
Ion Ratio Lower Upper
107 100
108 87.9 69.6 109.6
77 29.5 11.7 51.7
79 26.7 6.3 46.3

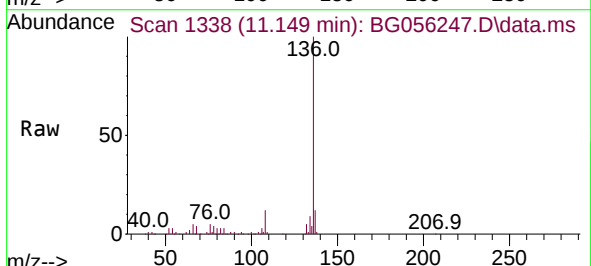
Manual Integrations

APPROVED

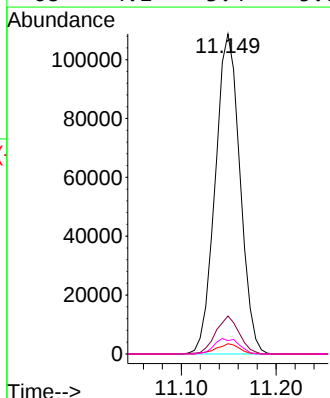
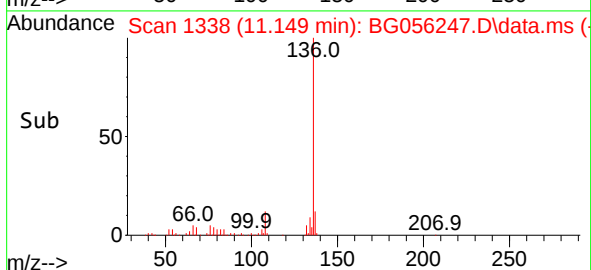
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

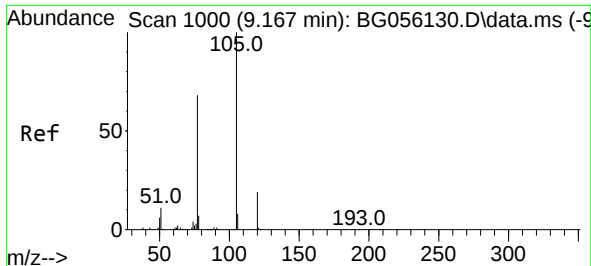


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



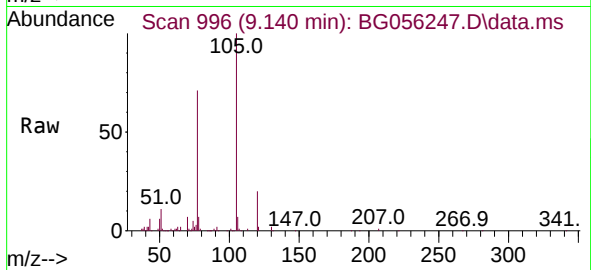
Tgt Ion:136 Resp: 196483
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 3.2 2.2 3.2
68 4.1 3.4 5.0





#22
Acetophenone
Concen: 40.532 ng
RT: 9.140 min Scan# 996
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

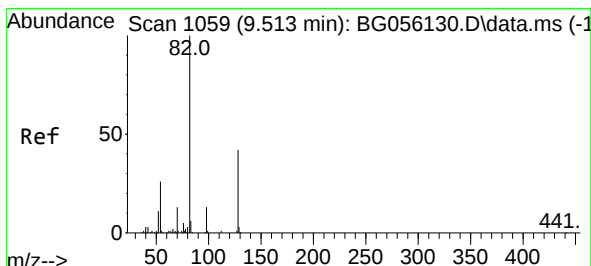
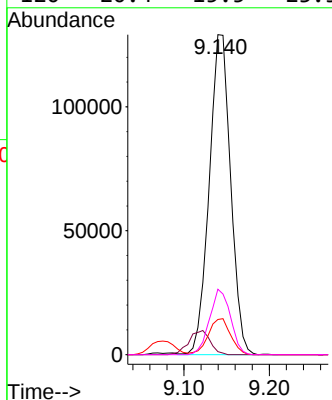
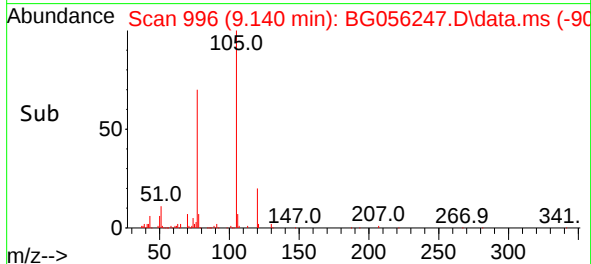
Instrument :
BNA_G
ClientSampleId :
PB150116BS



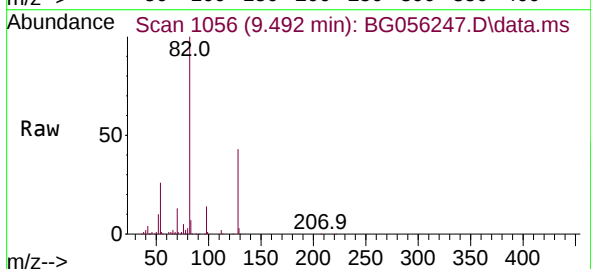
Tgt Ion: 105 Resp: 22517
Ion Ratio Lower Upper
105 100
71 0.9 0.5 0.7
51 11.0 9.3 13.9
120 20.4 15.5 23.3

Manual Integrations
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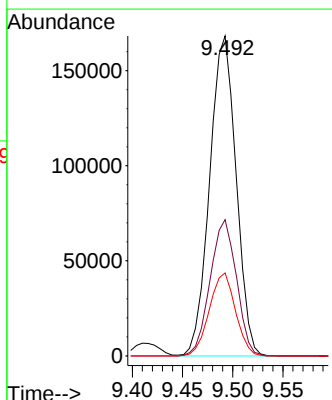
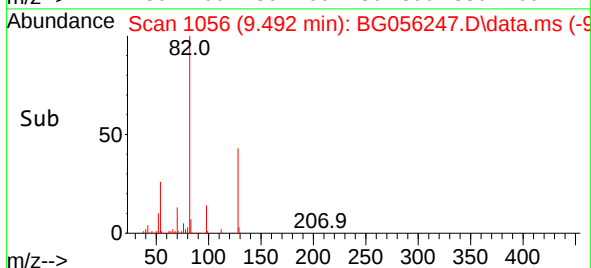
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

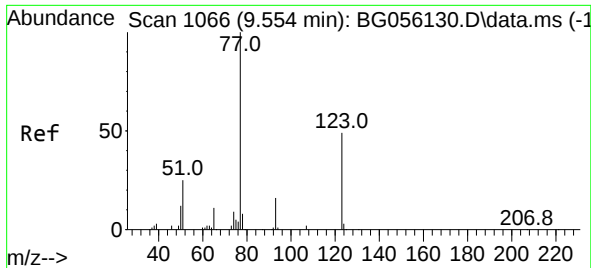


#23
Nitrobenzene-d5
Concen: 80.359 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion: 82 Resp: 308673
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.2
54 25.9 20.3 30.5





#24
Nitrobenzene
Concen: 40.256 ng
RT: 9.533 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

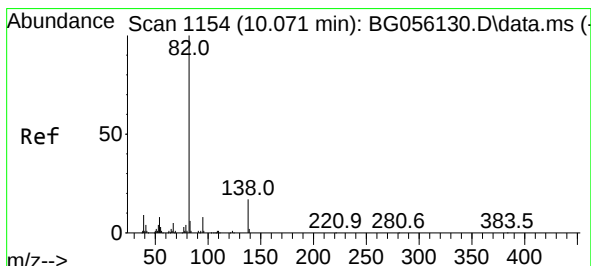
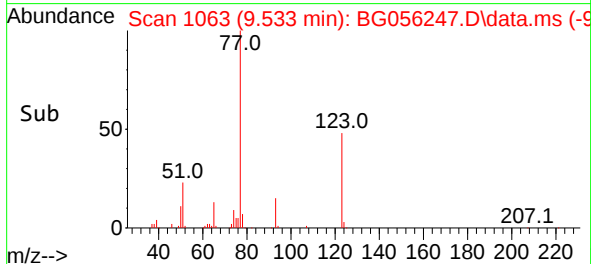
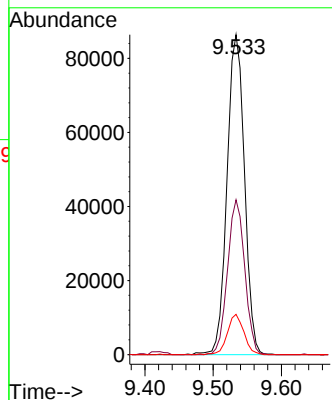
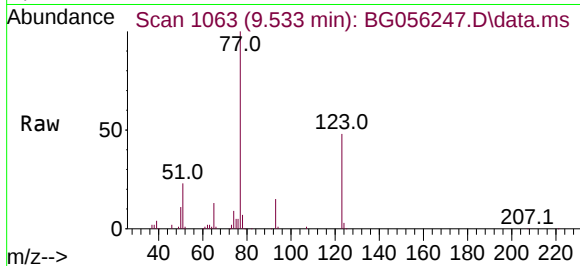
PB150116BS

Tgt Ion: 77 Resp: 153240
Ion Ratio Lower Upper
77 100
123 48.4 38.8 58.2
65 12.6 9.1 13.7

Manual Integrations

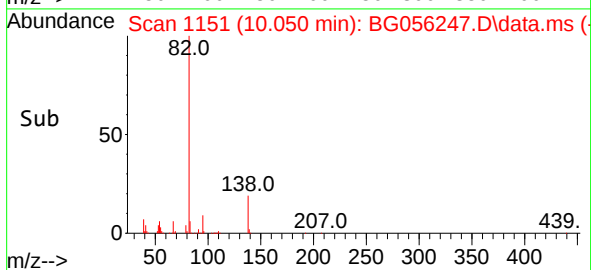
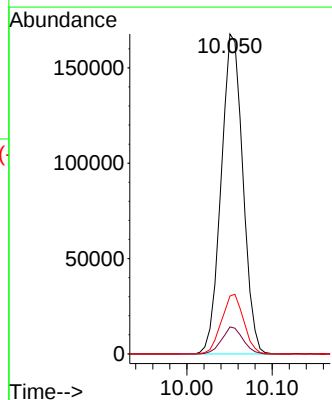
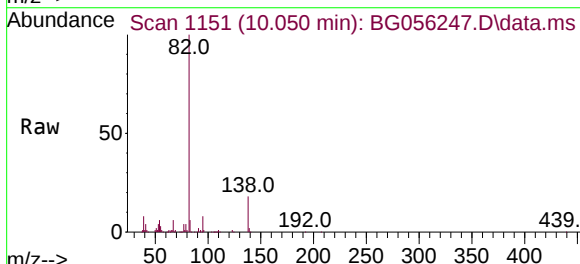
APPROVED

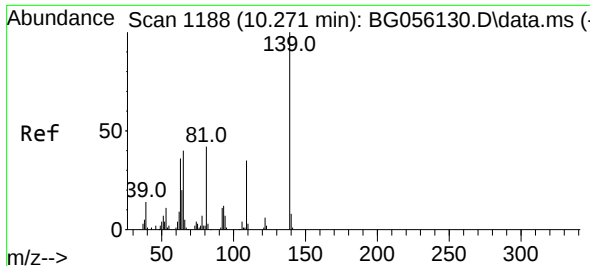
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#25
Isophorone
Concen: 36.658 ng
RT: 10.050 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

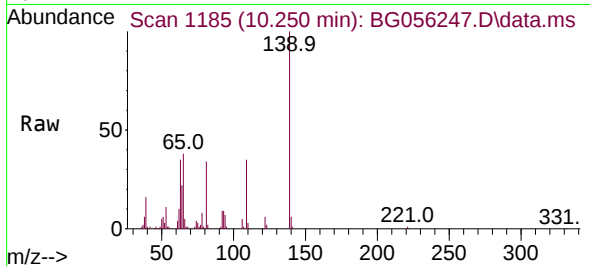
Tgt Ion: 82 Resp: 296264
Ion Ratio Lower Upper
82 100
95 8.5 6.7 10.1
138 18.1 13.7 20.5





#26
2-Nitrophenol
Concen: 42.605 ng
RT: 10.250 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

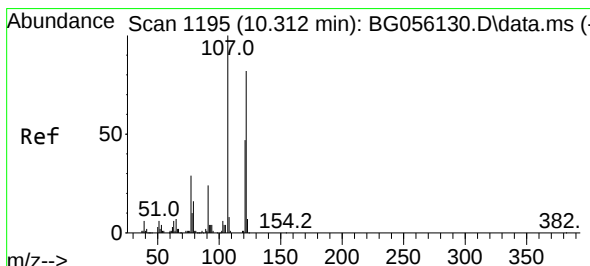
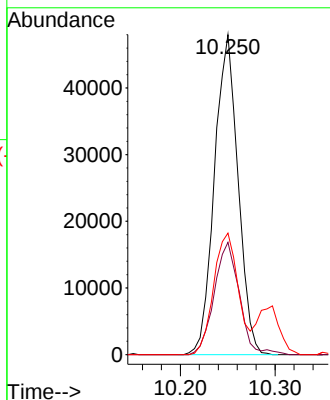
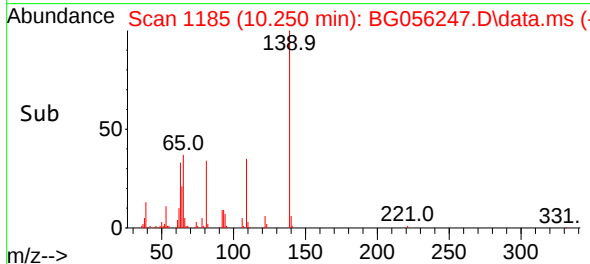
Instrument :
BNA_G
ClientSampleId :
PB150116BS



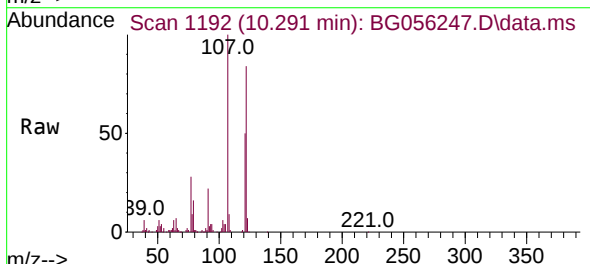
Tgt Ion:139 Resp: 82980
Ion Ratio Lower Upper
139 100
109 35.1 28.4 42.6
65 38.0 32.1 48.1

Manual Integrations
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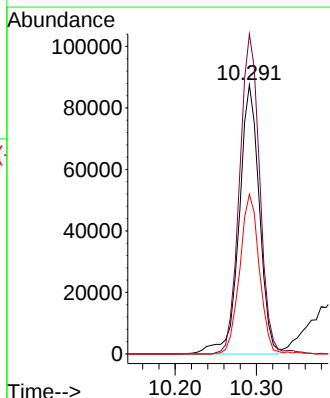
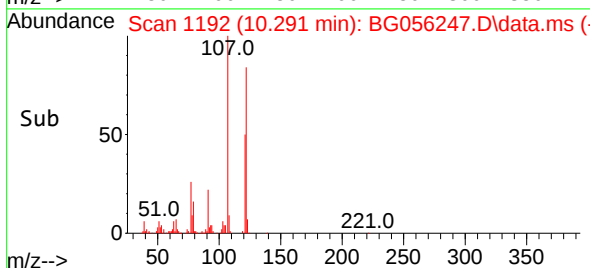
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

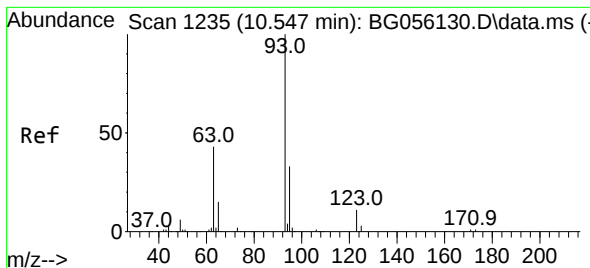


#27
2,4-Dimethylphenol
Concen: 42.389 ng
RT: 10.291 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



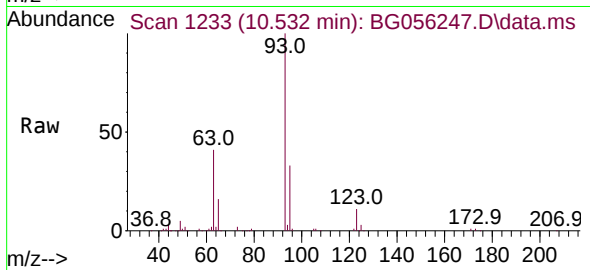
Tgt Ion:122 Resp: 150581
Ion Ratio Lower Upper
122 100
107 118.9 97.5 146.3
121 59.3 45.9 68.9





#28
bis(2-Chloroethoxy)methane
Concen: 41.398 ng
RT: 10.532 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

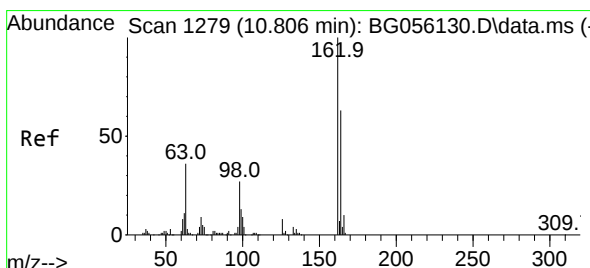
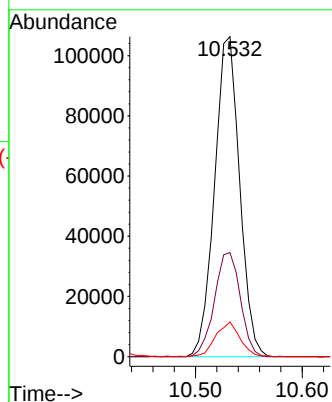
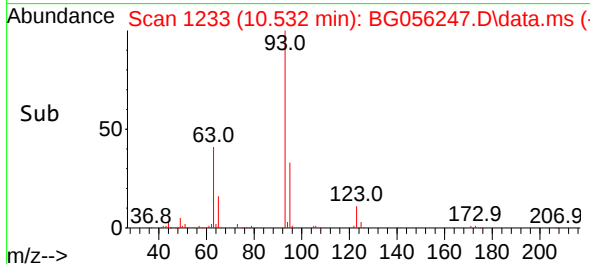
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion: 93 Resp: 173894
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 10.8 9.0 13.6

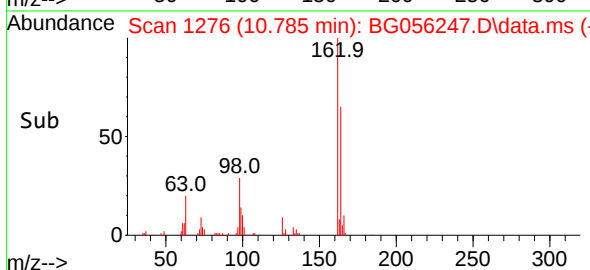
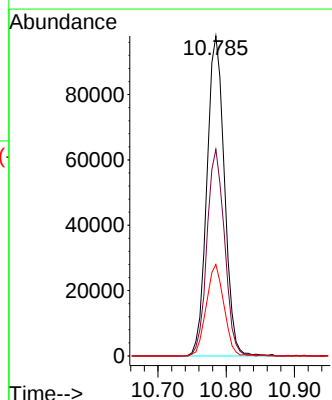
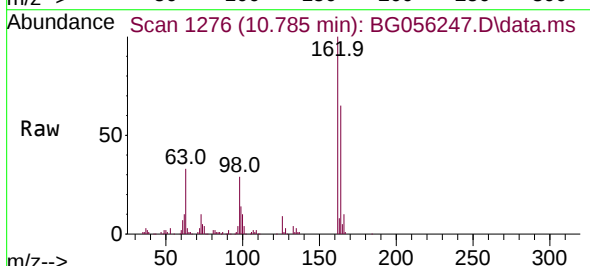
Manual Integrations
APPROVED

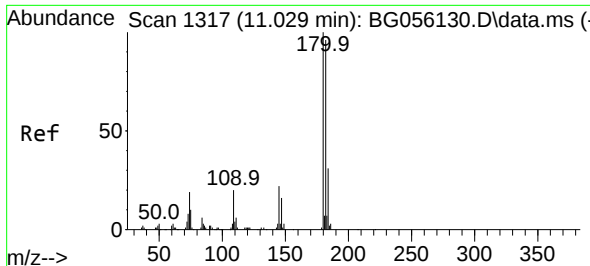
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#29
2,4-Dichlorophenol
Concen: 44.360 ng
RT: 10.785 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion:162 Resp: 174218
Ion Ratio Lower Upper
162 100
164 64.5 43.3 83.3
98 28.6 6.8 46.8





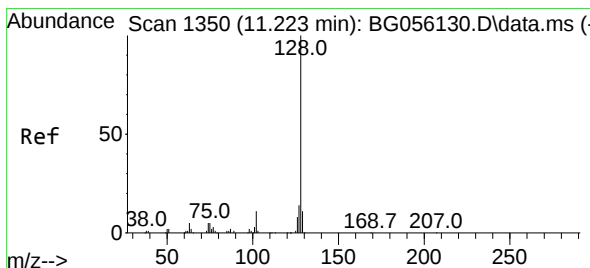
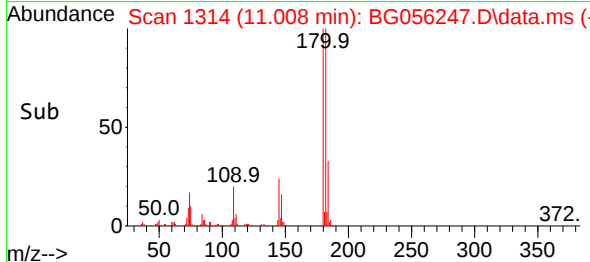
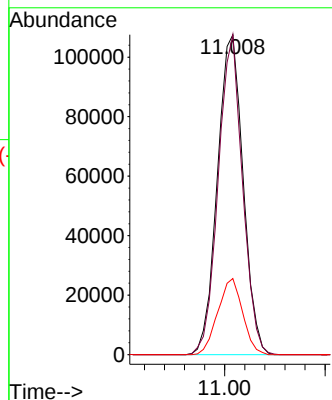
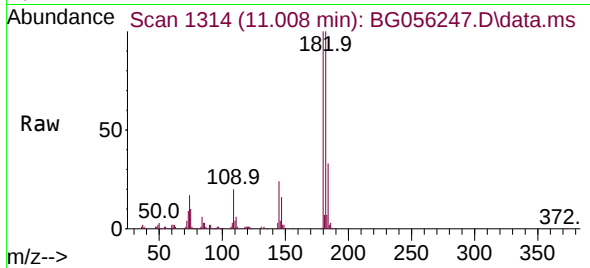
#30
1,2,4-Trichlorobenzene
Concen: 42.908 ng
RT: 11.008 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :
BNA_G
ClientSampleId :
PB150116BS

Tgt Ion:180 Resp: 191230
Ion Ratio Lower Upper
180 100
182 100.1 77.0 115.4
145 23.8 17.4 26.2

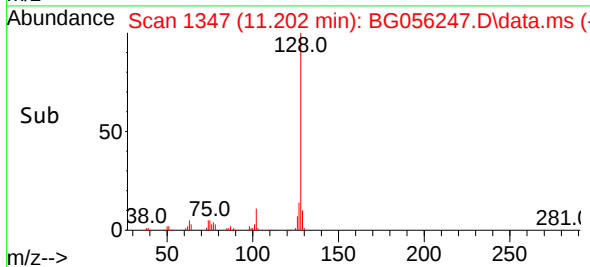
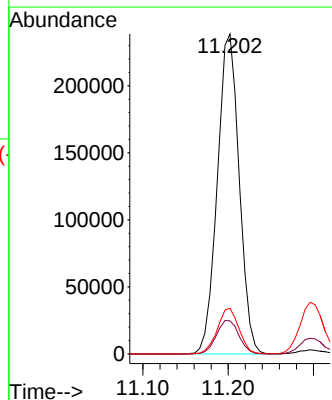
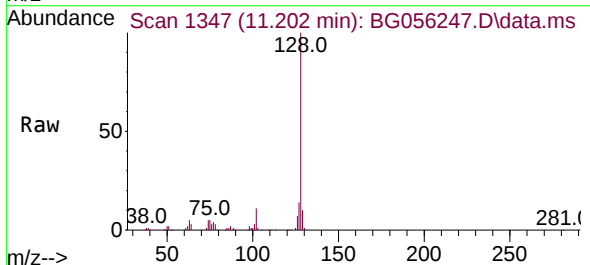
Manual Integrations
APPROVED

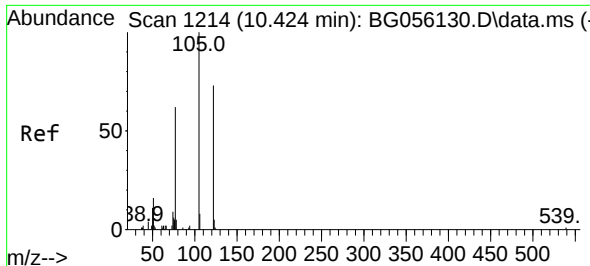
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#31
Naphthalene
Concen: 41.009 ng
RT: 11.202 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

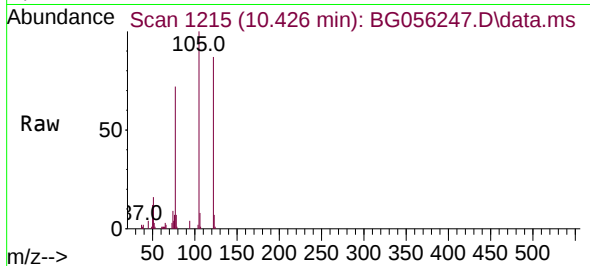
Tgt Ion:128 Resp: 424056
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 14.3 11.2 16.8





#32
Benzoic acid
Concen: 38.539 ng
RT: 10.426 min Scan# 1215
Delta R.T. 0.012 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

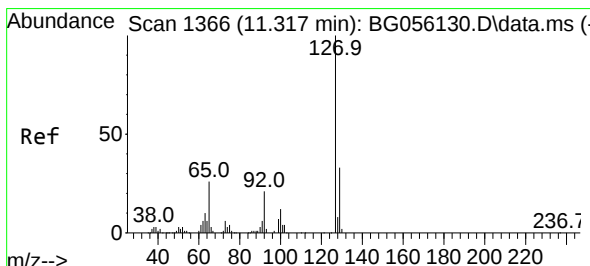
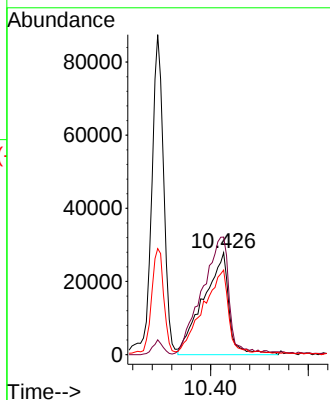
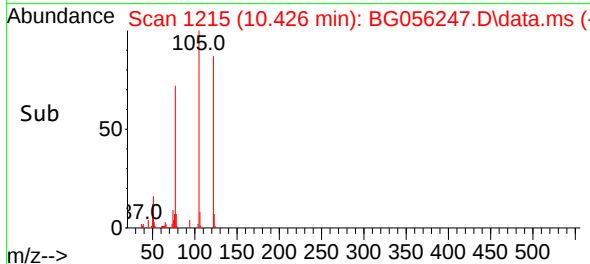
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:122 Resp: 101579
Ion Ratio Lower Upper
122 100
105 115.3 109.0 149.0
77 83.0 63.1 103.1

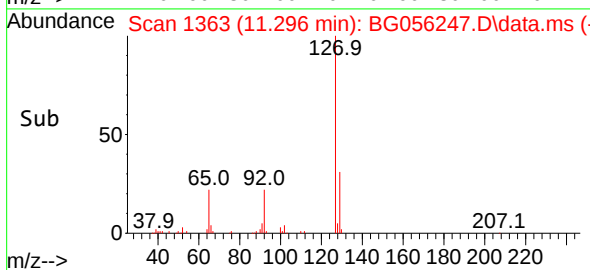
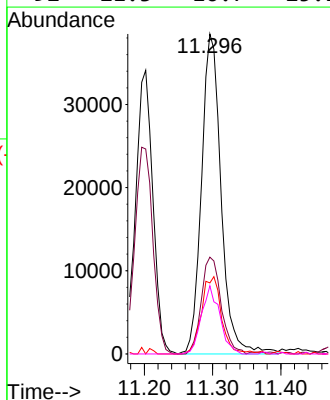
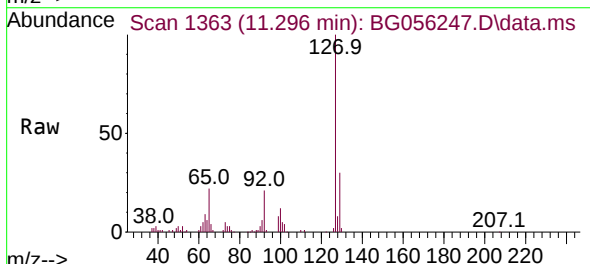
Manual Integrations
APPROVED

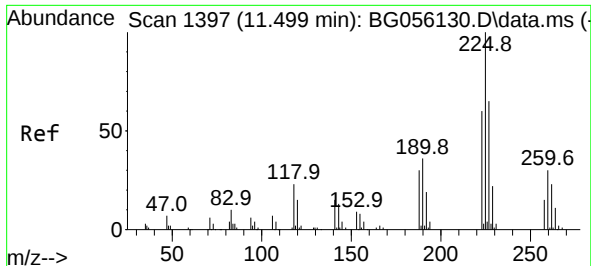
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#33
4-Chloroaniline
Concen: 15.609 ng
RT: 11.296 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion:127 Resp: 77063
Ion Ratio Lower Upper
127 100
129 30.2 26.1 39.1
65 22.2 20.9 31.3
92 21.3 16.7 25.1





#34
Hexachlorobutadiene
Concen: 43.737 ng
RT: 11.478 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

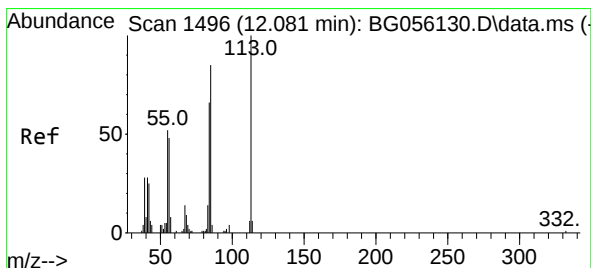
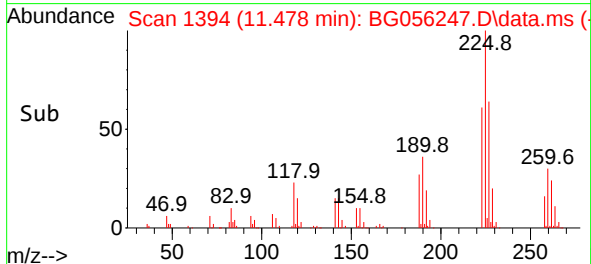
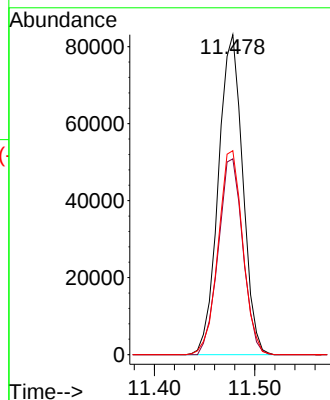
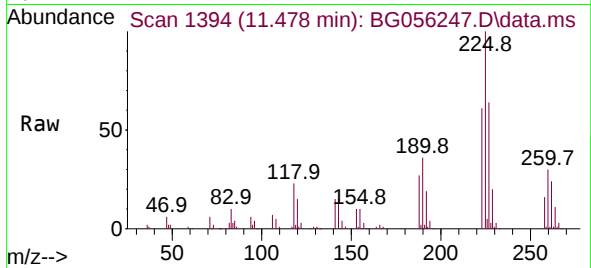
PB150116BS

Tgt Ion:225 Resp: 140195
Ion Ratio Lower Upper
225 100
223 61.2 47.7 71.5
227 63.7 52.3 78.5

Manual Integrations

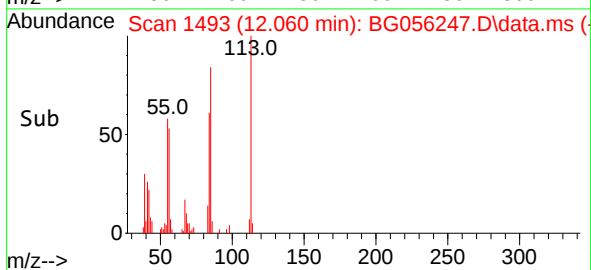
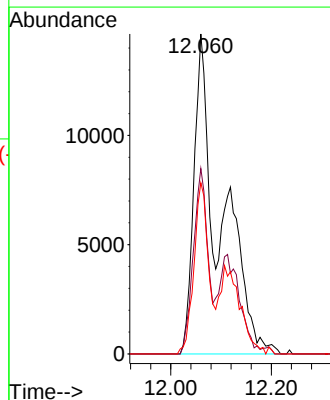
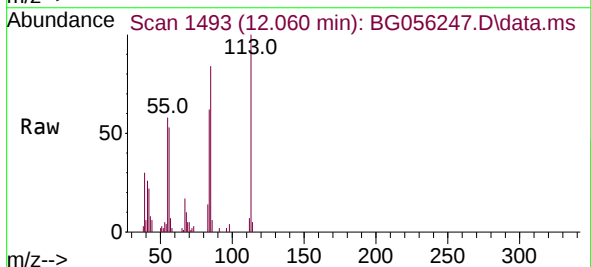
APPROVED

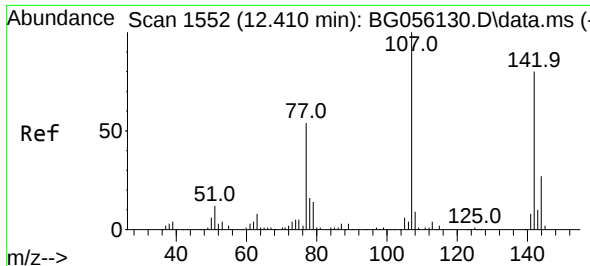
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#35
Caprolactam
Concen: 39.528 ng m
RT: 12.060 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

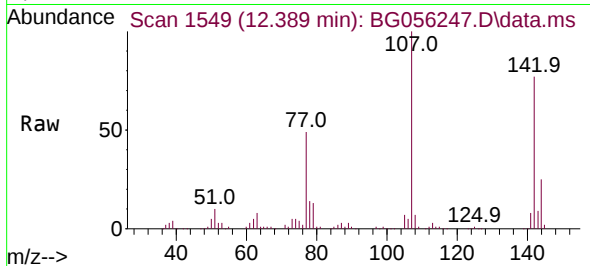
Tgt Ion:113 Resp: 52560
Ion Ratio Lower Upper
113 100
55 57.9 31.9 71.9
56 53.5 27.6 67.6





#36
4-Chloro-3-methylphenol
Concen: 41.505 ng
RT: 12.389 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

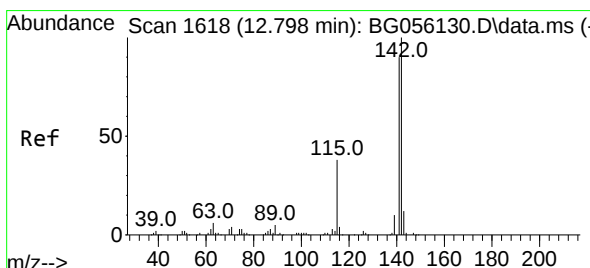
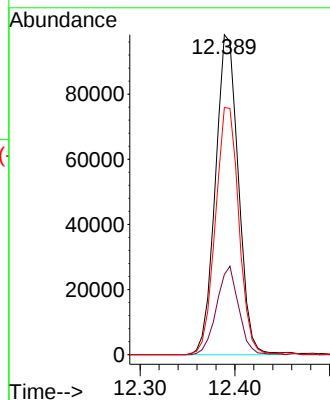
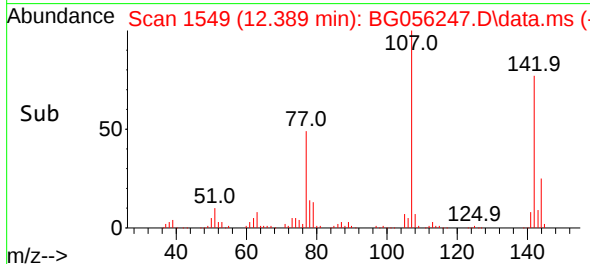
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:107 Resp: 165406
Ion Ratio Lower Upper
107 100
144 25.0 21.5 32.3
142 77.2 63.8 95.6

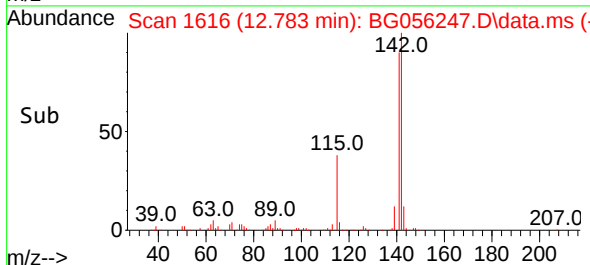
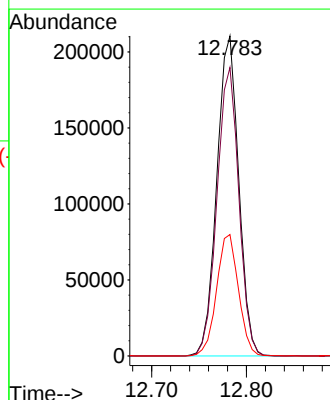
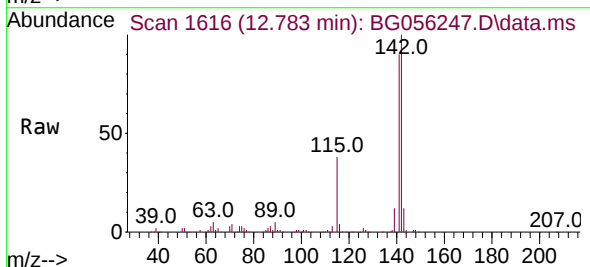
Manual Integrations
APPROVED

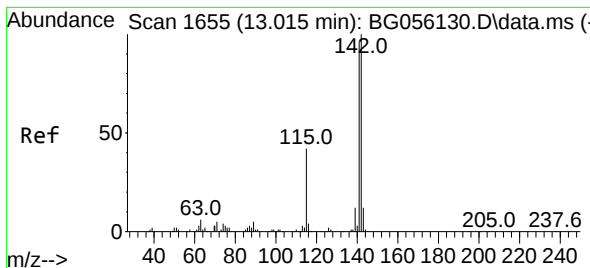
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#37
2-Methylnaphthalene
Concen: 38.628 ng
RT: 12.783 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

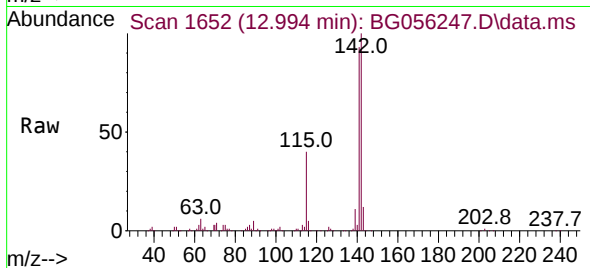
Tgt Ion:142 Resp: 337271
Ion Ratio Lower Upper
142 100
141 90.1 72.2 108.4
115 37.9 30.7 46.1





#38
1-Methylnaphthalene
Concen: 38.799 ng
RT: 12.994 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

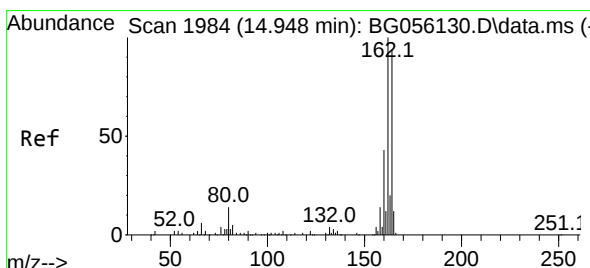
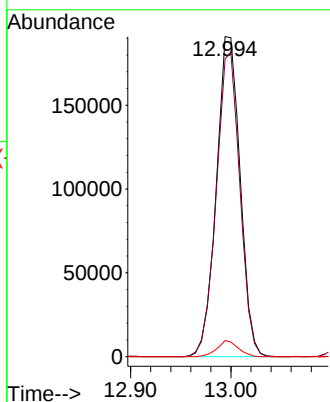
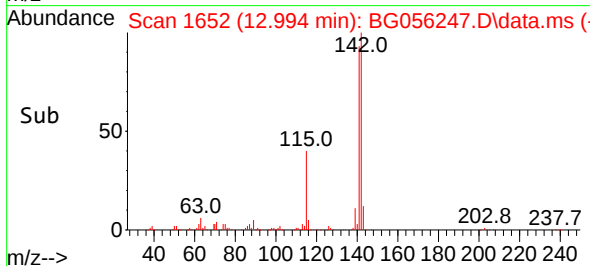
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:142 Resp: 314580
Ion Ratio Lower Upper
142 100
141 93.0 77.0 115.6
116 5.0 3.6 5.4

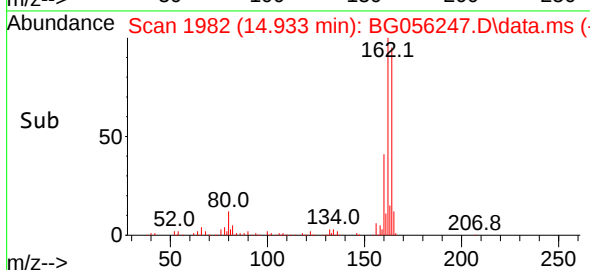
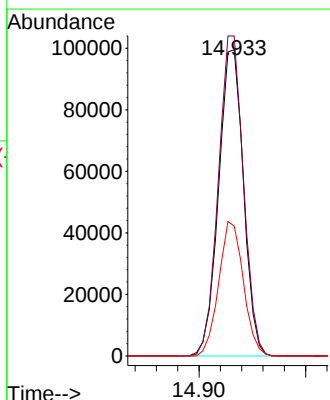
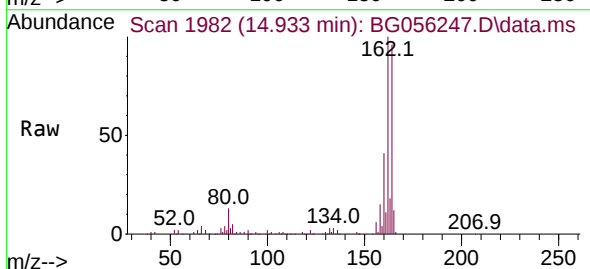
Manual Integrations
APPROVED

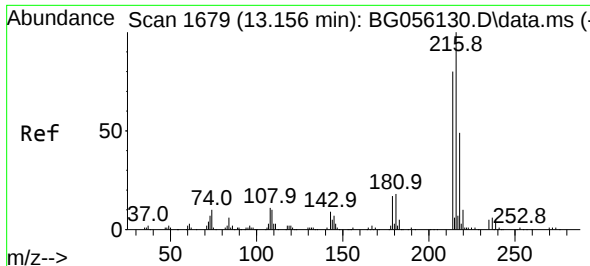
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

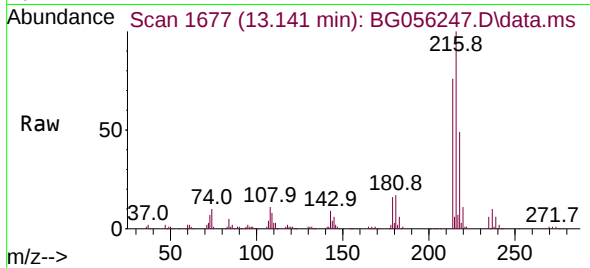
Tgt Ion:164 Resp: 161460
Ion Ratio Lower Upper
164 100
162 104.5 84.7 127.1
160 42.4 36.3 54.5





#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.979 ng
RT: 13.141 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

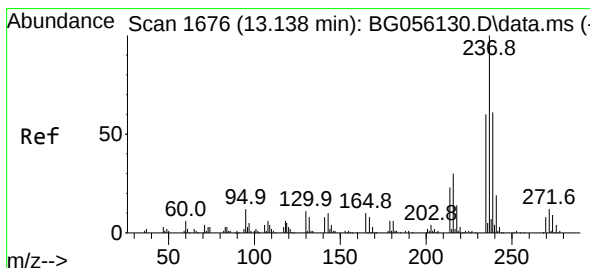
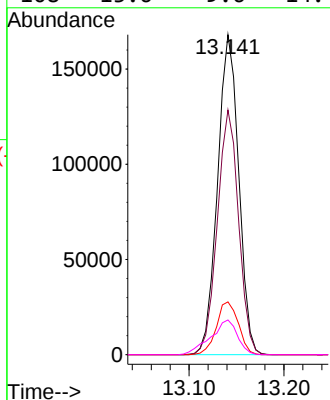
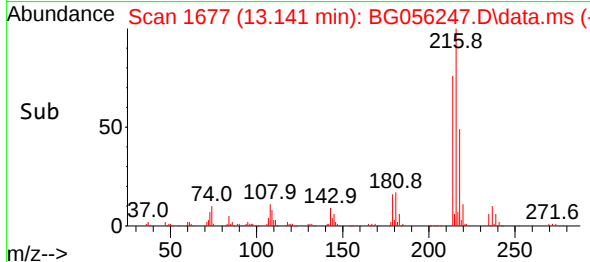
Instrument :
BNA_G
ClientSampleId :
PB150116BS



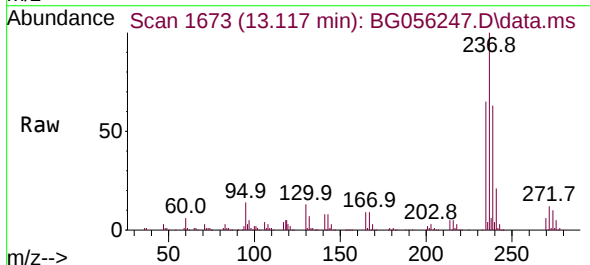
Tgt Ion:216 Resp: 260087
Ion Ratio Lower Upper
216 100
214 76.8 63.4 95.0
179 17.1 13.6 20.4
108 13.6 9.6 14.4

Manual Integrations
APPROVED

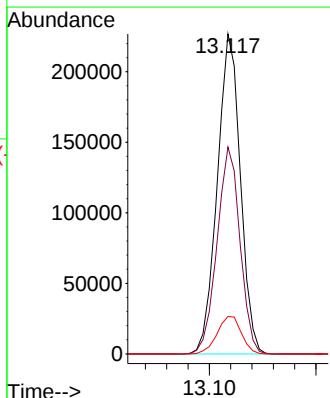
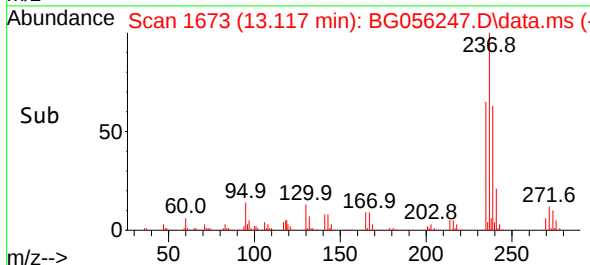
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

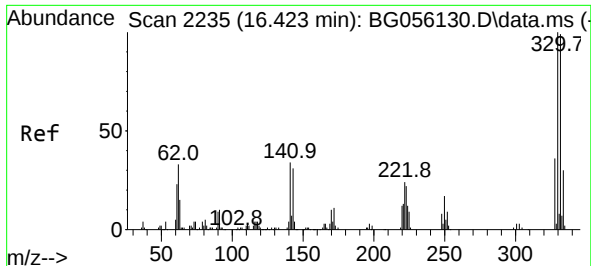


#41
Hexachlorocyclopentadiene
Concen: 98.979 ng
RT: 13.117 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



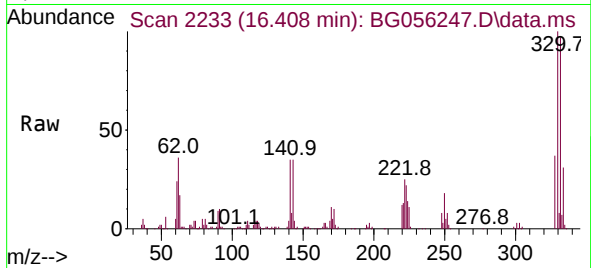
Tgt Ion:237 Resp: 341488
Ion Ratio Lower Upper
237 100
235 64.6 40.3 80.3
272 11.7 0.0 32.5





#42
2,4,6-Tribromophenol
Concen: 129.215 ng
RT: 16.408 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

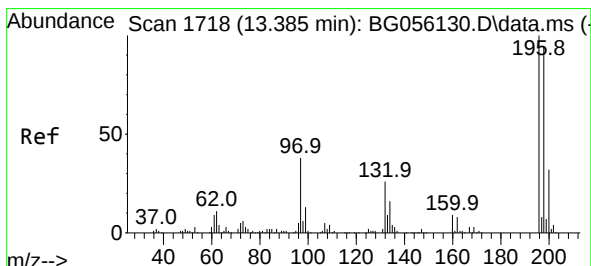
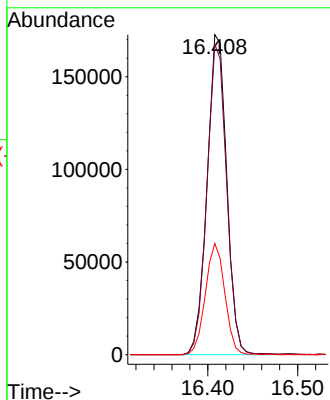
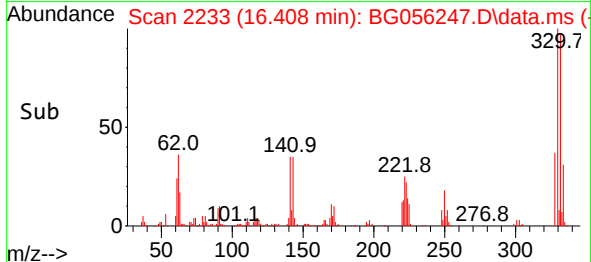
Instrument :
BNA_G
ClientSampleId :
PB150116BS



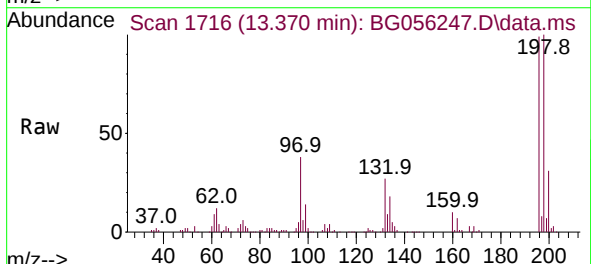
Tgt Ion:330 Resp: 26422
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 34.1 27.9 41.9

Manual Integrations
APPROVED

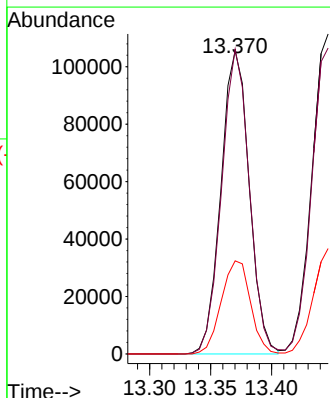
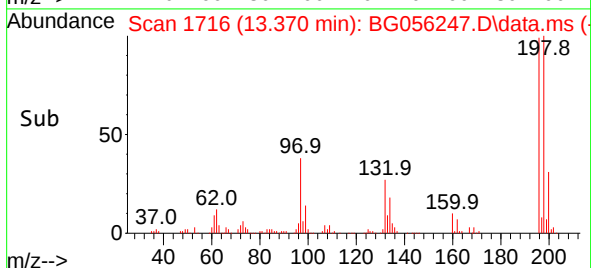
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

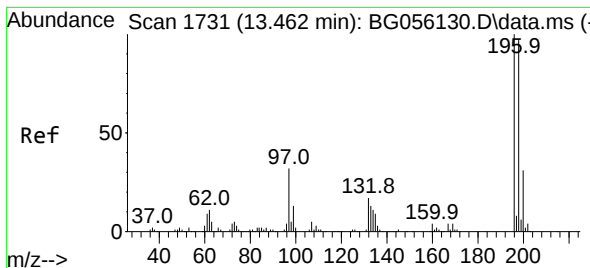


#43
2,4,6-Trichlorophenol
Concen: 42.668 ng
RT: 13.370 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:196 Resp: 170737
Ion Ratio Lower Upper
196 100
198 100.6 75.5 113.3
200 30.7 25.7 38.5





#44
2,4,5-Trichlorophenol
Concen: 38.954 ng
RT: 13.446 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

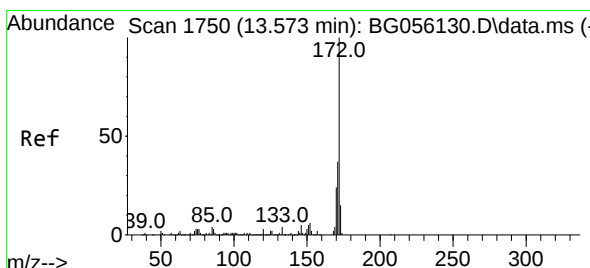
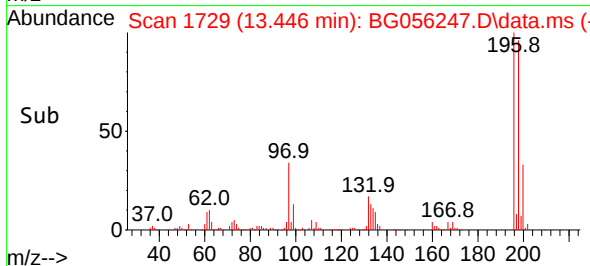
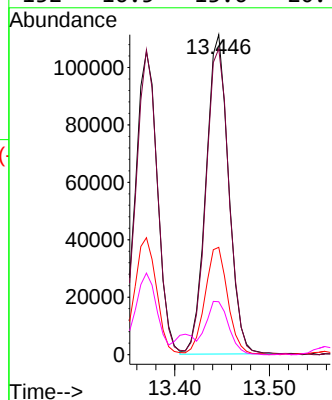
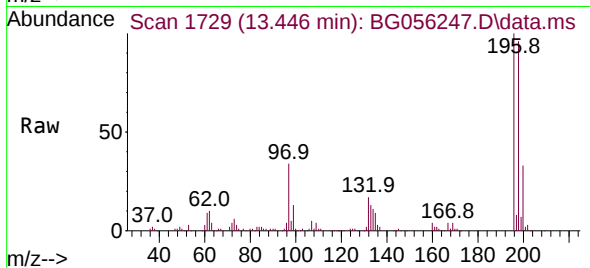
PB150116BS

Tgt Ion:196 Resp: 184391
Ion Ratio Lower Upper
196 100
198 95.6 78.0 117.0
97 33.5 25.7 38.5
132 16.5 13.6 20.4

Manual Integrations

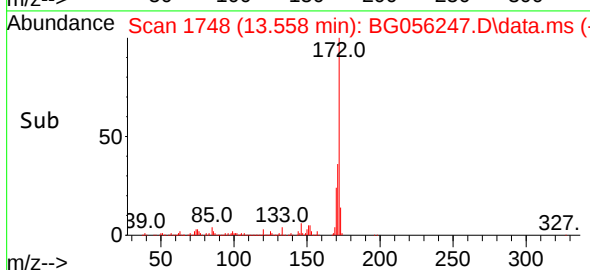
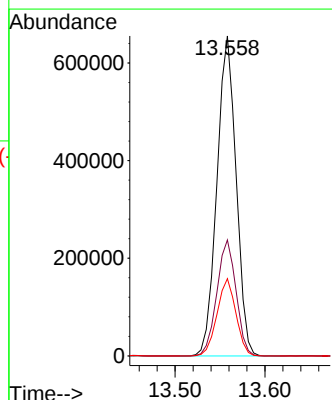
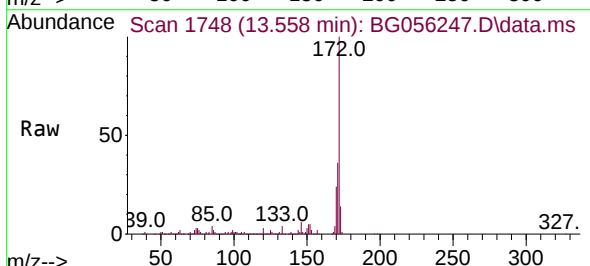
APPROVED

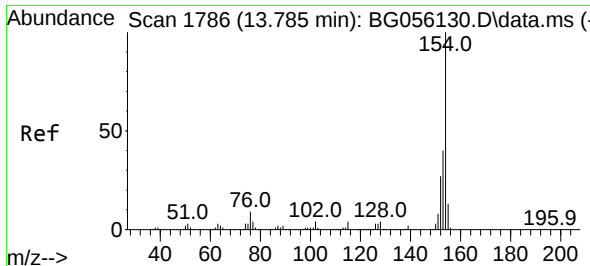
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#45
2-Fluorobiphenyl
Concen: 83.397 ng
RT: 13.558 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

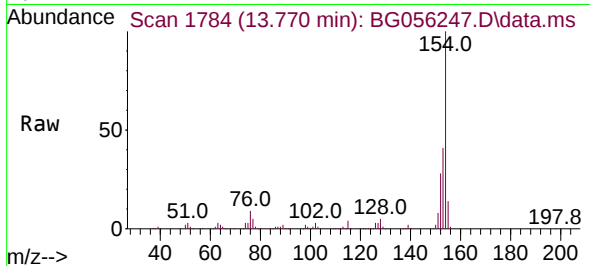
Tgt Ion:172 Resp: 975105
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.4 29.2





#46
1,1'-Biphenyl
Concen: 42.466 ng
RT: 13.770 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

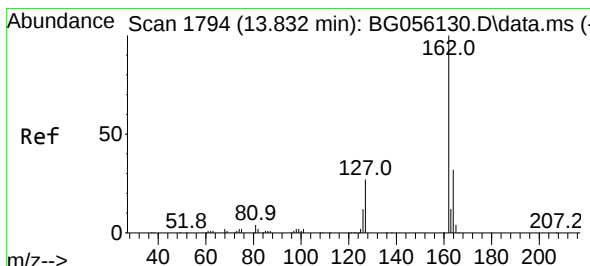
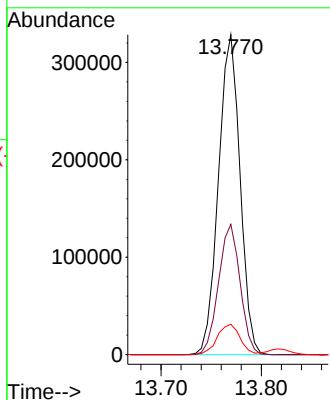
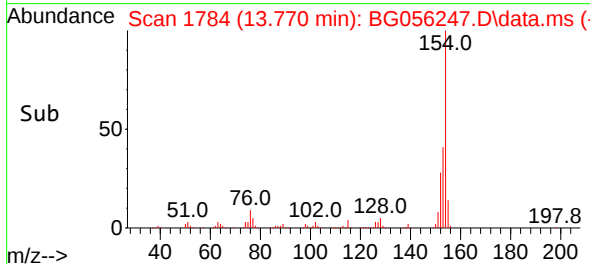
Instrument :
BNA_G
ClientSampleId :
PB150116BS



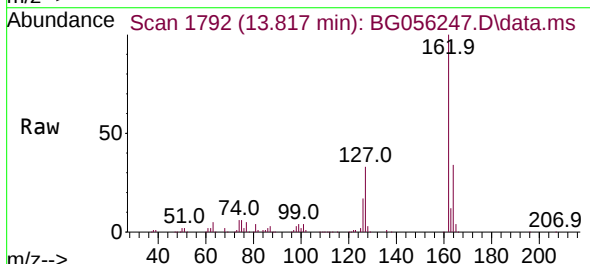
Tgt Ion:154 Resp: 491049
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 9.5 0.0 29.3

Manual Integrations
APPROVED

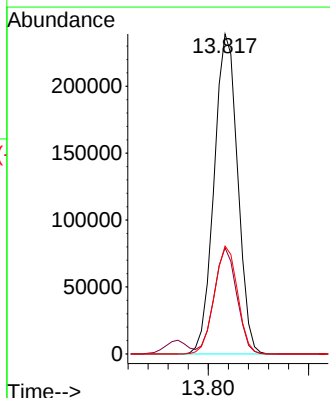
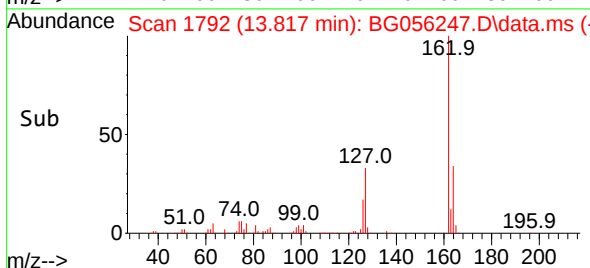
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

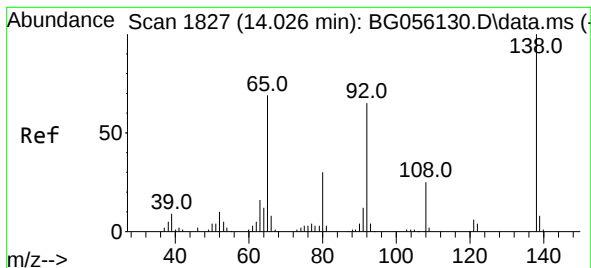


#47
2-Chloronaphthalene
Concen: 42.741 ng
RT: 13.817 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



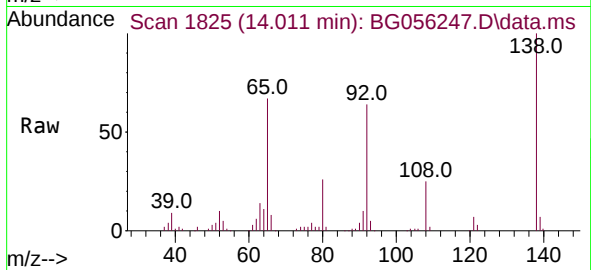
Tgt Ion:162 Resp: 390098
Ion Ratio Lower Upper
162 100
127 33.1 24.6 36.8
164 33.7 25.8 38.8





#48
2-Nitroaniline
Concen: 42.395 ng
RT: 14.011 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

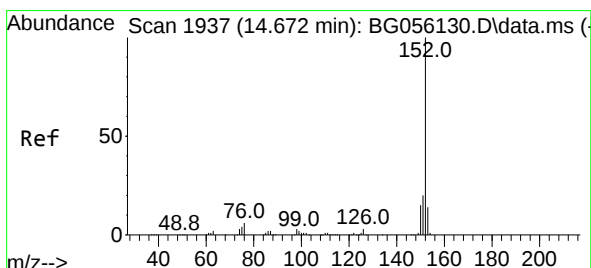
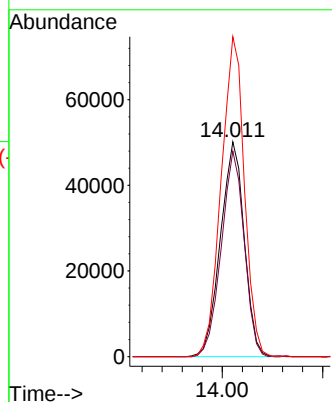
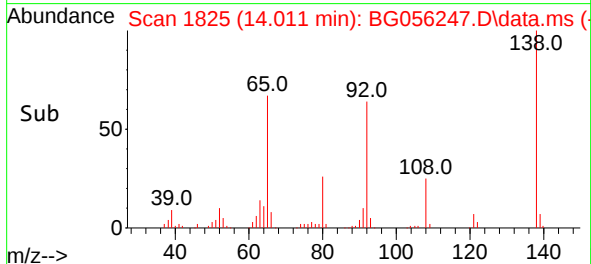
Instrument :
BNA_G
ClientSampleId :
PB150116BS



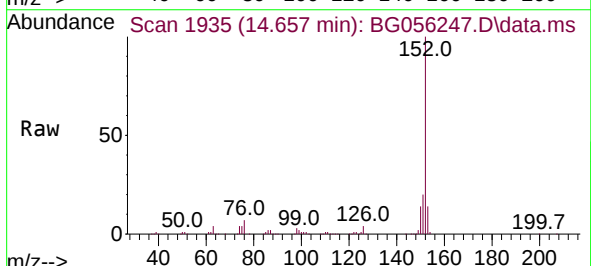
Tgt Ion: 65 Resp: 82443
Ion Ratio Lower Upper
65 100
92 95.6 76.0 114.0
138 148.9 116.6 174.8

Manual Integrations
APPROVED

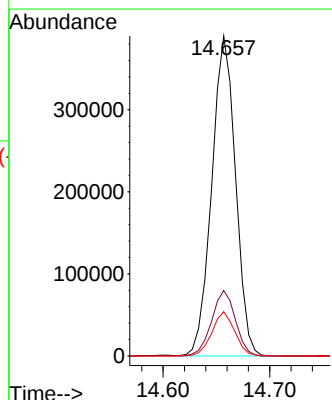
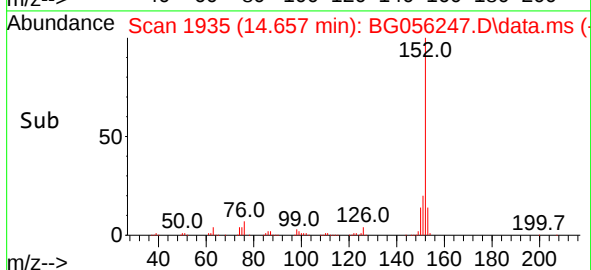
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

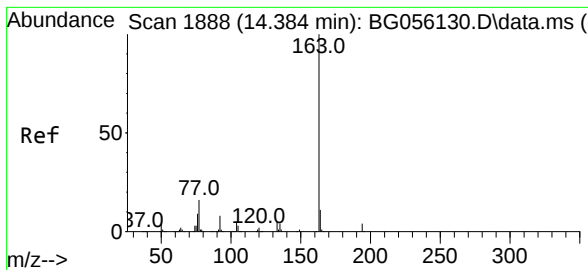


#49
Acenaphthylene
Concen: 40.668 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:152 Resp: 604030
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.8 11.0 16.6





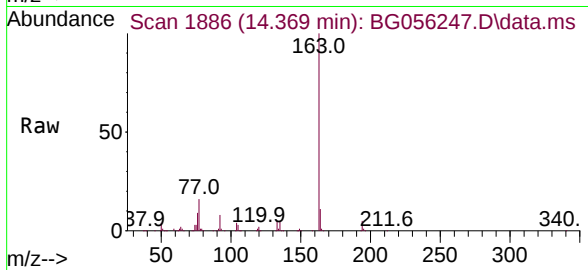
#50
Dimethylphthalate
Concen: 40.072 ng
RT: 14.369 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS

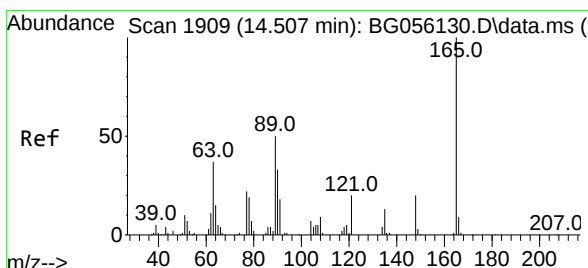
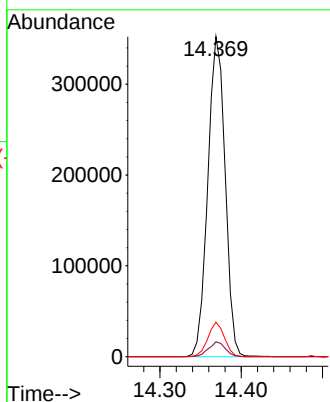
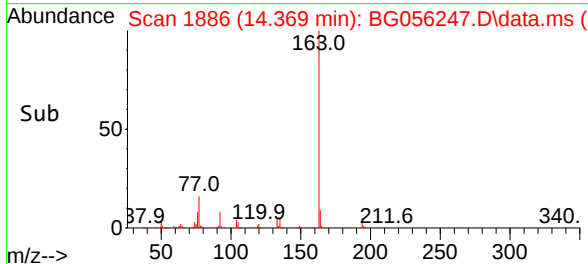


Tgt Ion:163 Resp: 522305
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.7 8.7 13.1

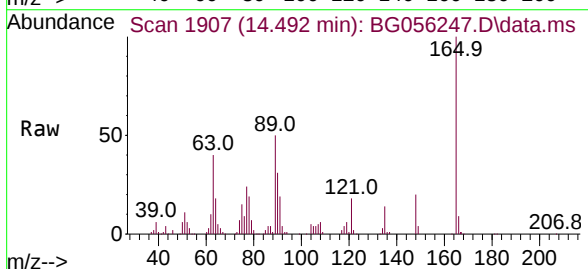
Manual Integrations

APPROVED

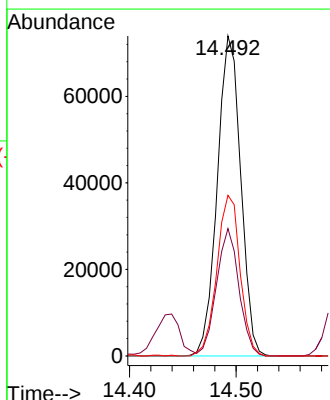
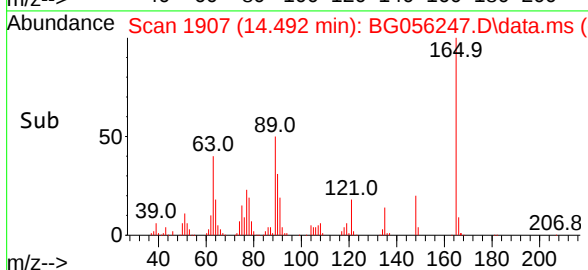
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

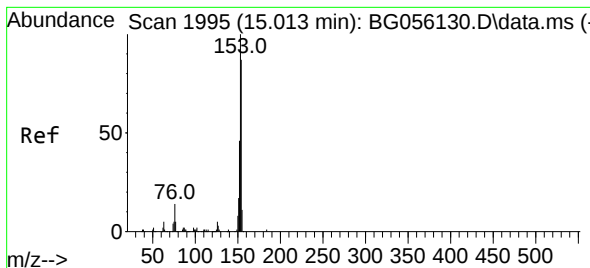


#51
2,6-Dinitrotoluene
Concen: 40.671 ng
RT: 14.492 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:165 Resp: 112957
Ion Ratio Lower Upper
165 100
63 39.8 32.2 48.2
89 50.2 39.8 59.8





#52

Acenaphthene

Concen: 47.012 ng m

RT: 14.992 min Scan# 1995

Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

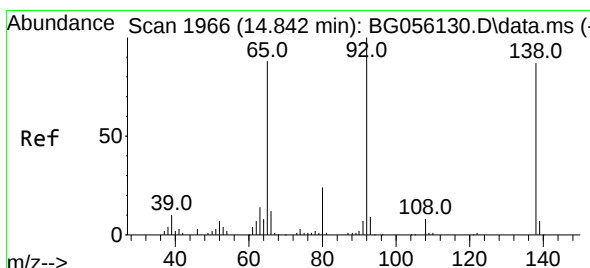
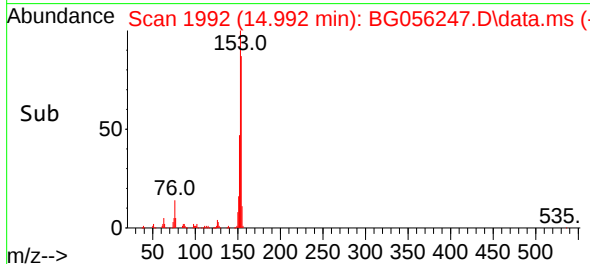
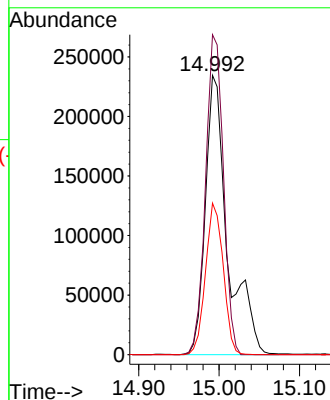
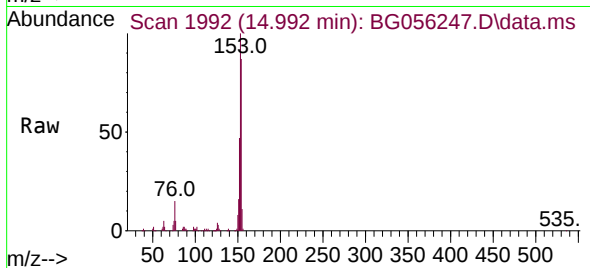
PB150116BS

Tgt Ion:154 Resp: 45414
 Ion Ratio Lower Upper
 154 100
 153 114.6 92.0 138.0
 152 54.2 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#53

3-Nitroaniline

Concen: 23.444 ng

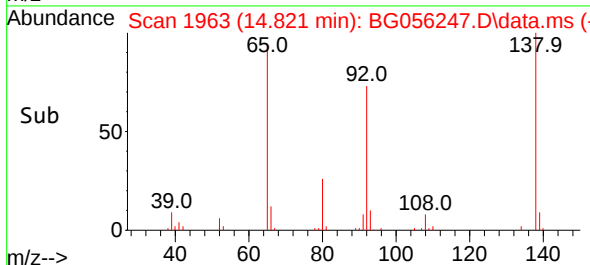
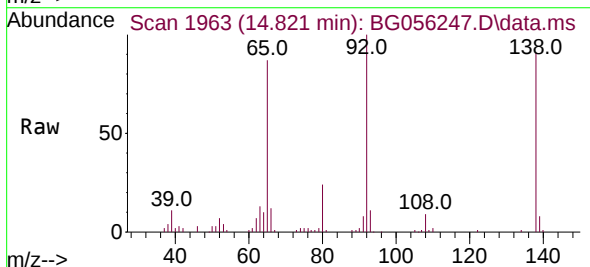
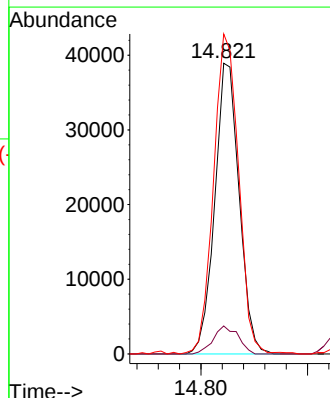
RT: 14.821 min Scan# 1963

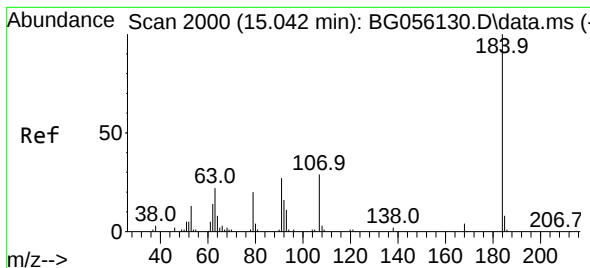
Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Tgt Ion:138 Resp: 61968
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.6 11.4
 92 110.1 91.7 137.5





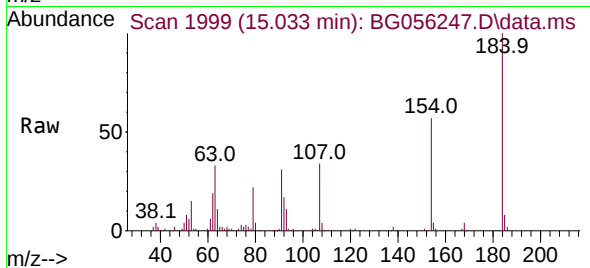
#54
2,4-Dinitrophenol
Concen: 88.703 ng
RT: 15.033 min Scan# 19
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS

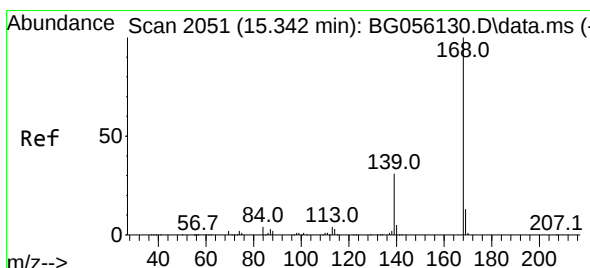
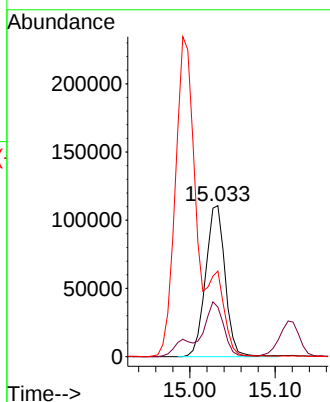
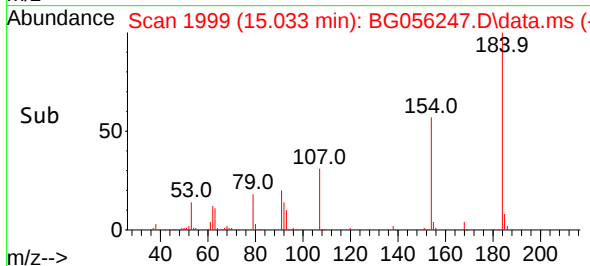


Tgt Ion:184 Resp: 175994
Ion Ratio Lower Upper
184 100
63 32.8 24.0 36.0
154 56.7 45.4 68.0

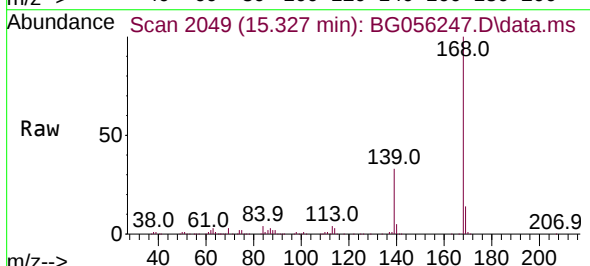
Manual Integrations

APPROVED

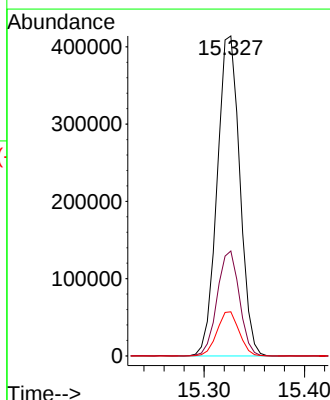
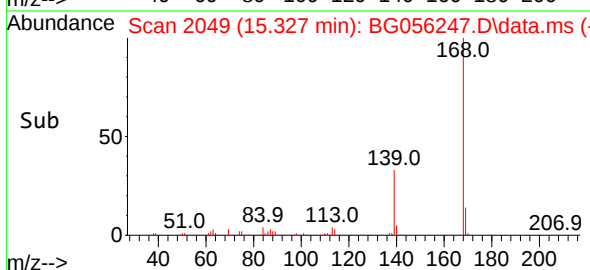
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

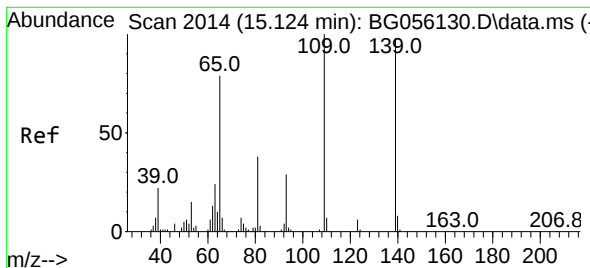


#55
Dibenzofuran
Concen: 40.650 ng
RT: 15.327 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:168 Resp: 649811
Ion Ratio Lower Upper
168 100
139 32.8 24.7 37.1
169 13.8 10.3 15.5





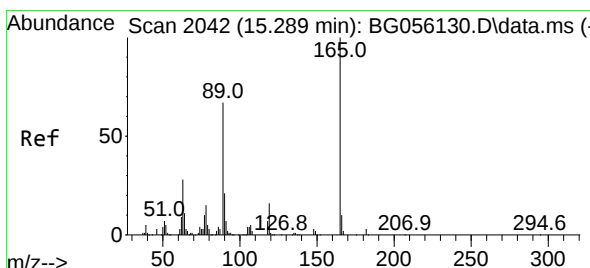
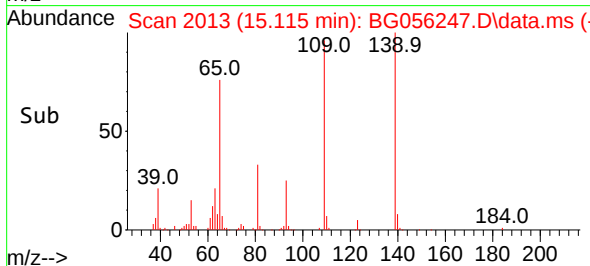
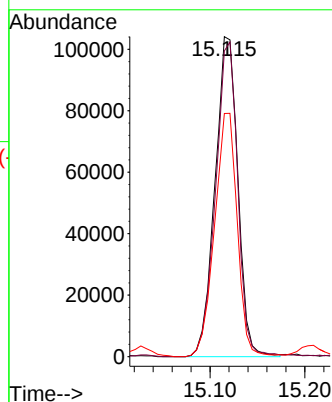
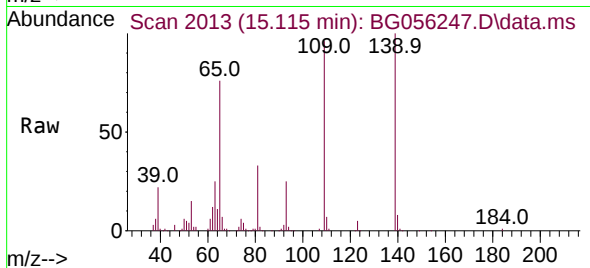
#56
4-Nitrophenol
Concen: 85.713 ng
RT: 15.115 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :
BNA_G
ClientSampleId :
PB150116BS

Tgt Ion:139 Resp: 174243
Ion Ratio Lower Upper
139 100
109 95.5 82.2 122.2
65 76.0 60.6 100.6

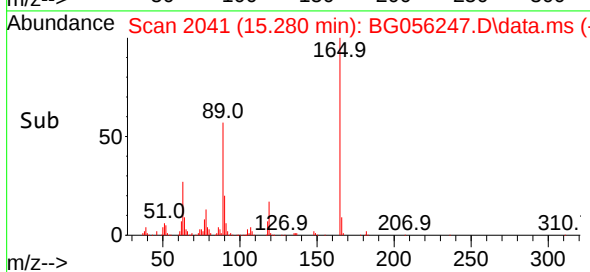
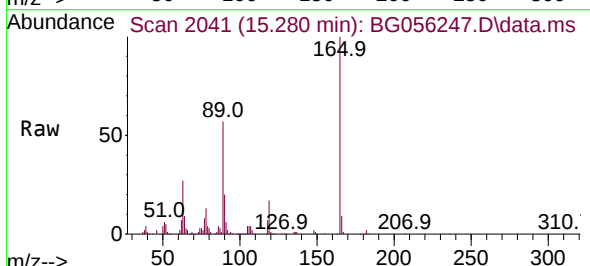
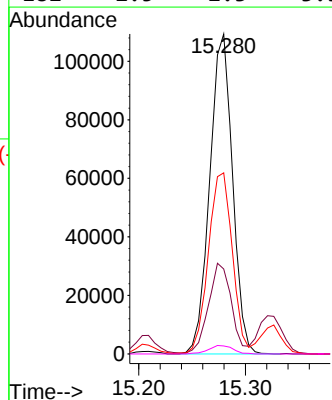
Manual Integrations
APPROVED

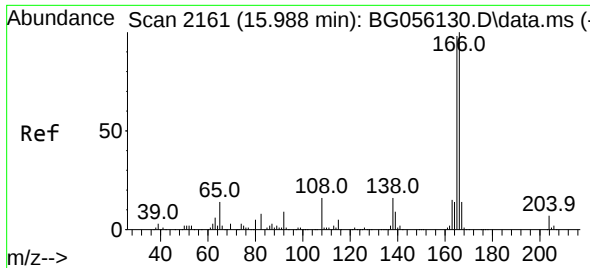
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#57
2,4-Dinitrotoluene
Concen: 41.868 ng
RT: 15.280 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

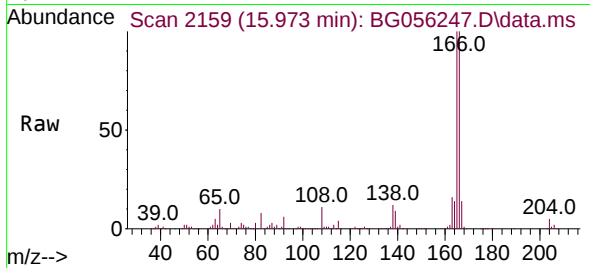
Tgt Ion:165 Resp: 162621
Ion Ratio Lower Upper
165 100
63 26.5 22.6 34.0
89 56.6 53.2 79.8
182 2.5 2.3 3.5





#58
Fluorene
Concen: 40.558 ng
RT: 15.973 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

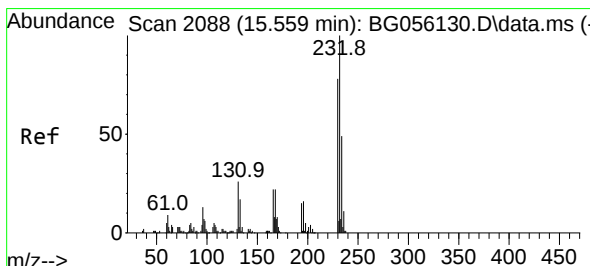
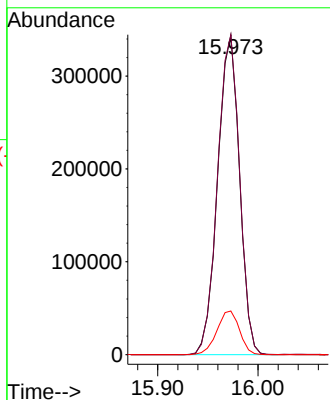
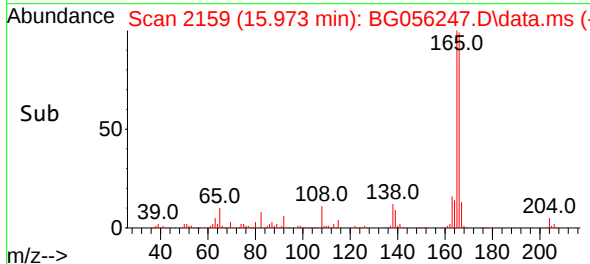
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:166 Resp: 521470
Ion Ratio Lower Upper
166 100
165 100.2 78.6 118.0
167 13.7 11.1 16.7

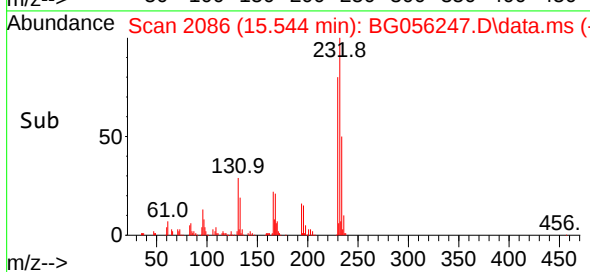
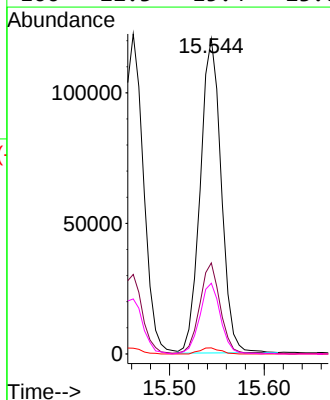
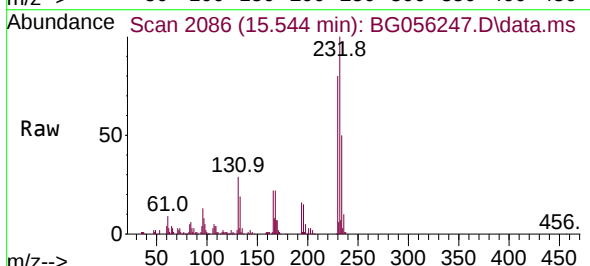
Manual Integrations
APPROVED

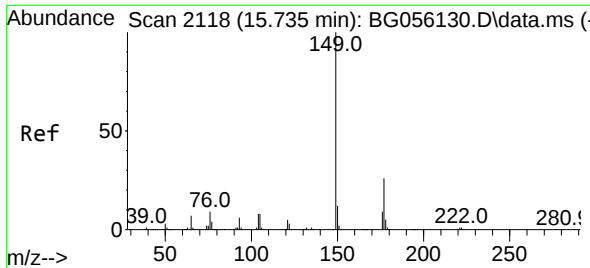
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 41.551 ng
RT: 15.544 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

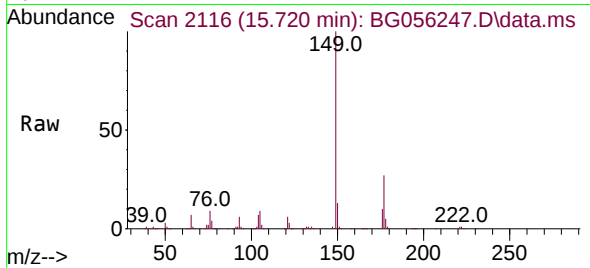
Tgt Ion:232 Resp: 184672
Ion Ratio Lower Upper
232 100
131 28.7 21.4 32.2
130 1.8 1.4 2.0
166 22.3 15.4 23.0





#60
Diethylphthalate
Concen: 39.991 ng
RT: 15.720 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

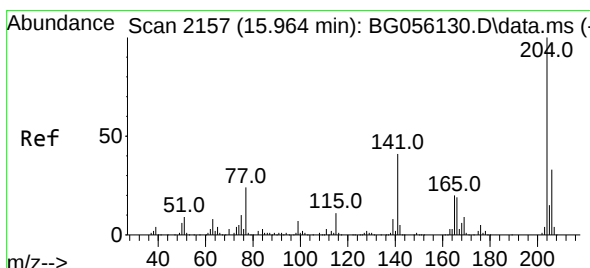
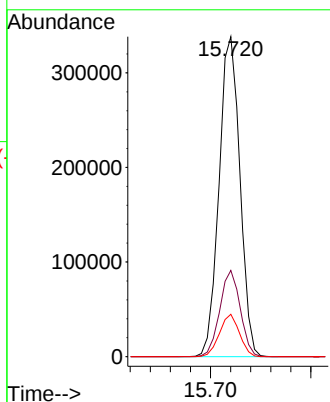
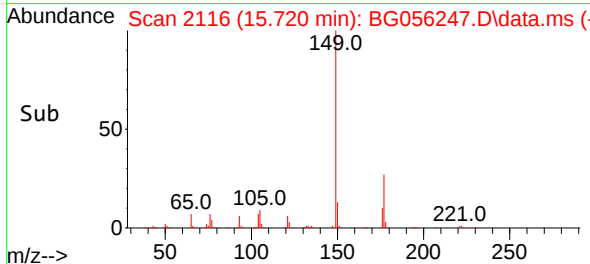
Instrument :
BNA_G
ClientSampleId :
PB150116BS



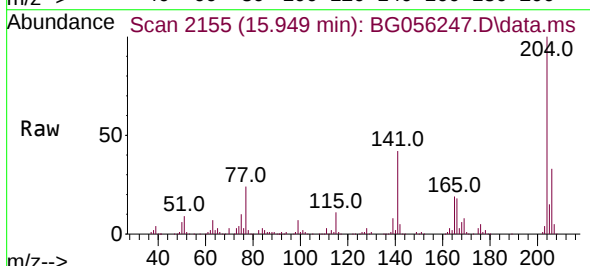
Tgt Ion:149 Resp: 488831
Ion Ratio Lower Upper
149 100
177 26.9 20.6 31.0
150 13.2 9.9 14.9

Manual Integrations
APPROVED

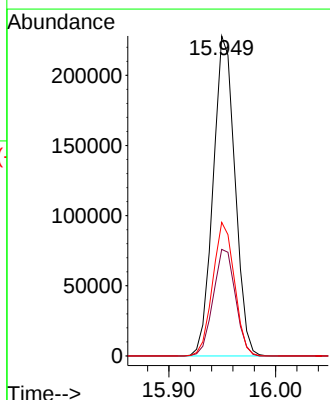
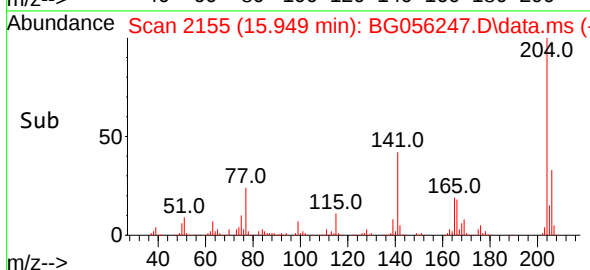
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

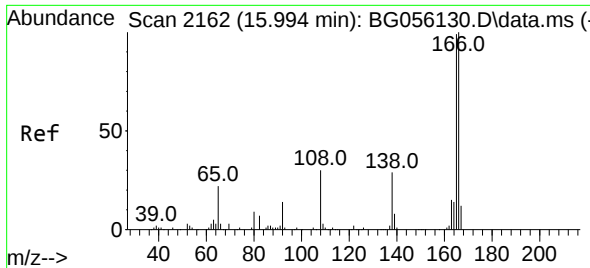


#61
4-Chlorophenyl-phenylether
Concen: 40.466 ng
RT: 15.949 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:204 Resp: 324691
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 41.7 33.0 49.4





#62
4-Nitroaniline
Concen: 39.038 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

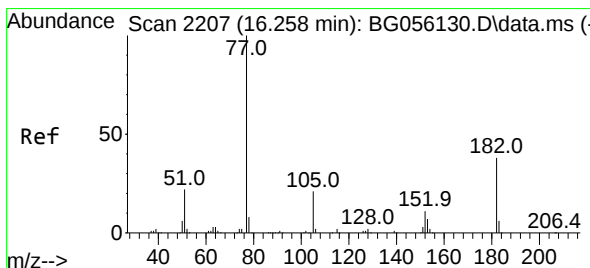
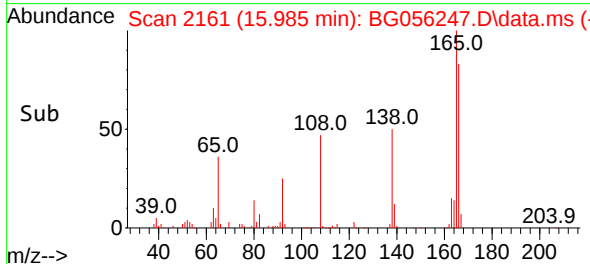
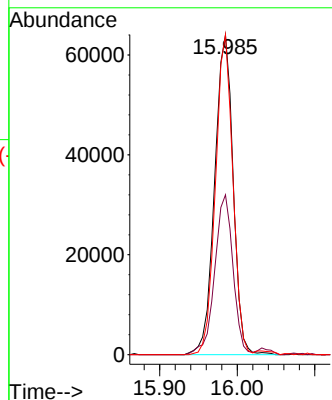
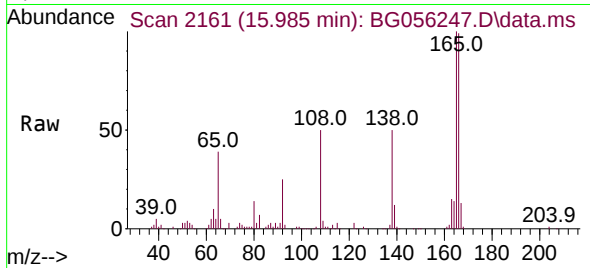
ClientSampleId :

PB150116BS

Tgt Ion:138 Resp: 105697
Ion Ratio Lower Upper
138 100
92 50.0 28.6 68.6
108 100.1 83.4 123.4

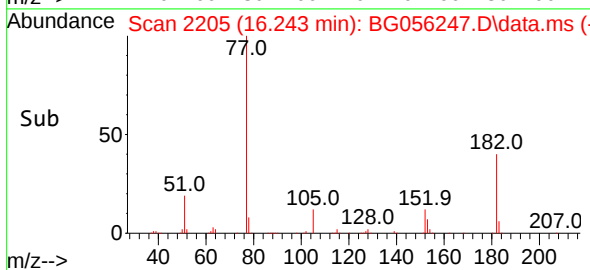
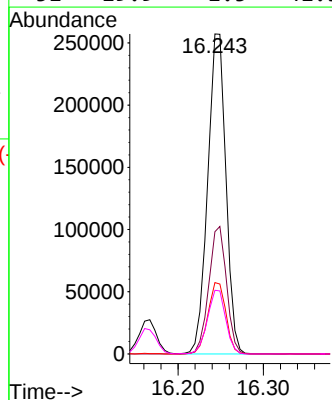
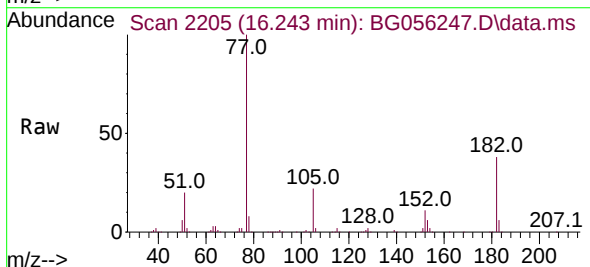
Manual Integrations
APPROVED

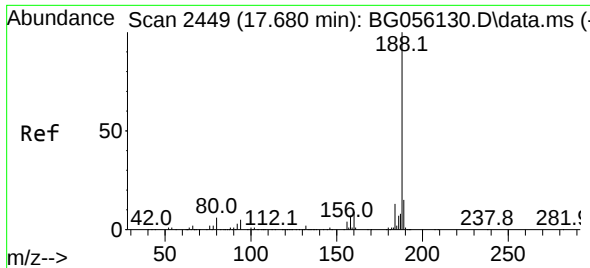
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#63
Azobenzene
Concen: 40.428 ng
RT: 16.243 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion: 77 Resp: 381341
Ion Ratio Lower Upper
77 100
182 38.2 18.5 58.5
105 22.3 1.4 41.4
51 19.9 1.5 41.5





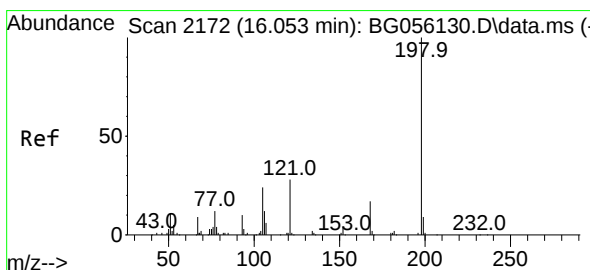
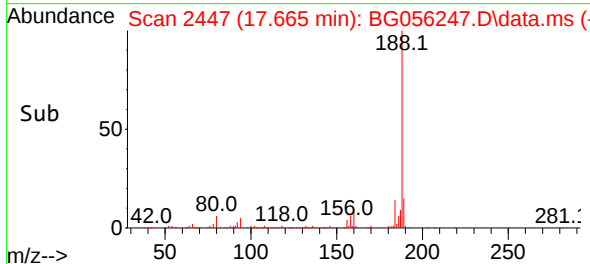
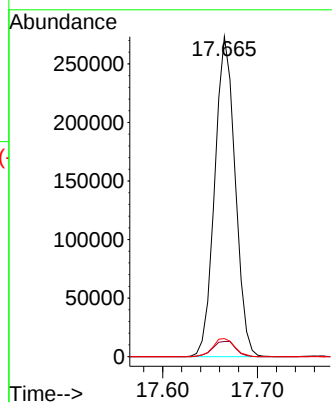
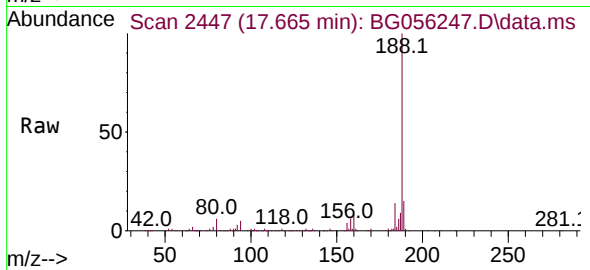
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :
BNA_G
ClientSampleId :
PB150116BS

Tgt Ion:188 Resp: 40912
Ion Ratio Lower Upper
188 100
94 4.7 4.2 6.2
80 5.6 5.0 7.4

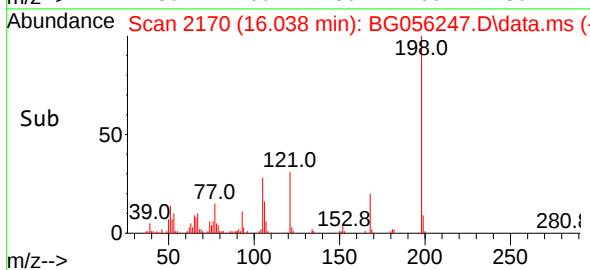
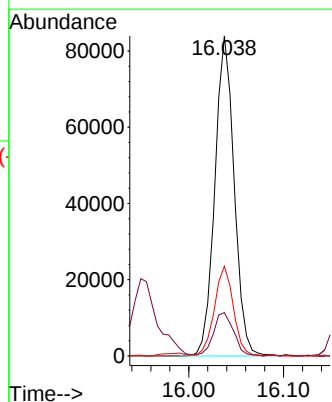
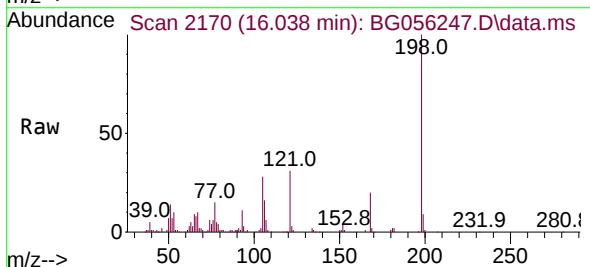
Manual Integrations
APPROVED

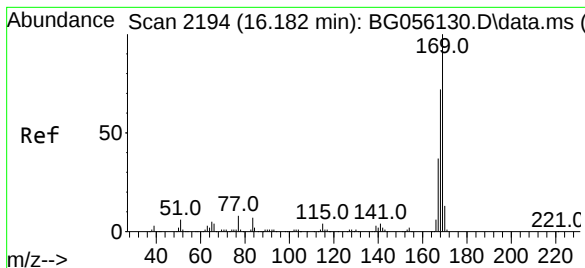
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 43.051 ng
RT: 16.038 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion:198 Resp: 118667
Ion Ratio Lower Upper
198 100
51 13.5 0.0 33.2
105 28.0 4.9 44.9





#66
n-Nitrosodiphenylamine
Concen: 42.808 ng
RT: 16.167 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

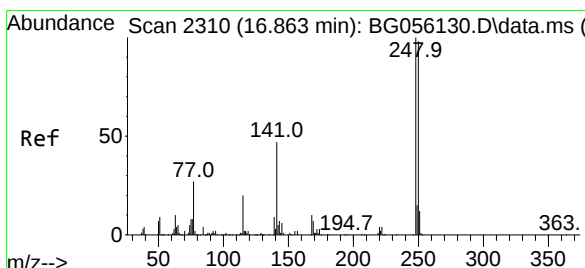
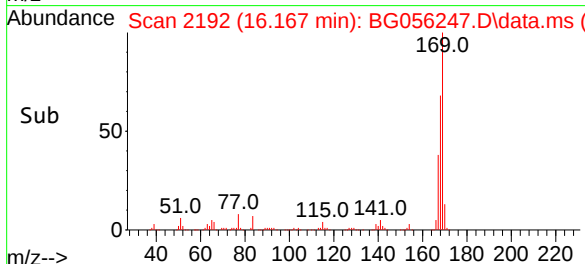
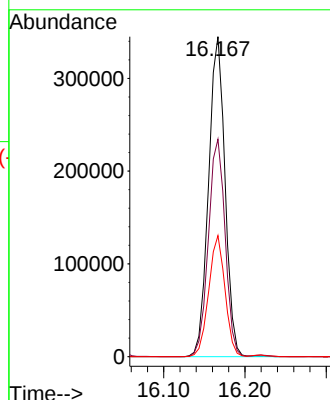
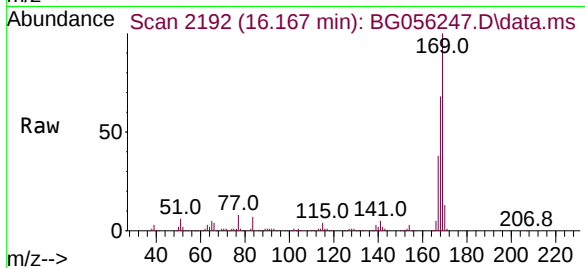
PB150116BS

Tgt Ion:169 Resp: 485926
Ion Ratio Lower Upper
169 100
168 67.9 58.0 87.0
167 37.8 30.0 45.0

Manual Integrations

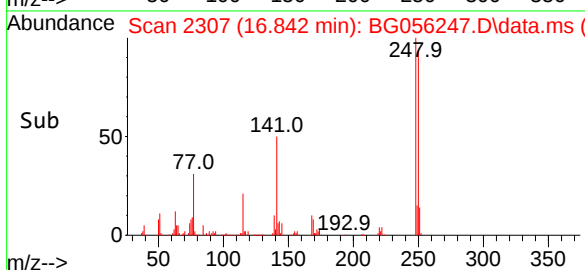
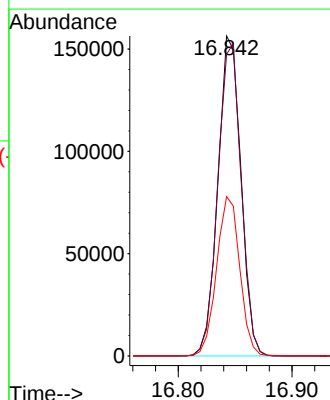
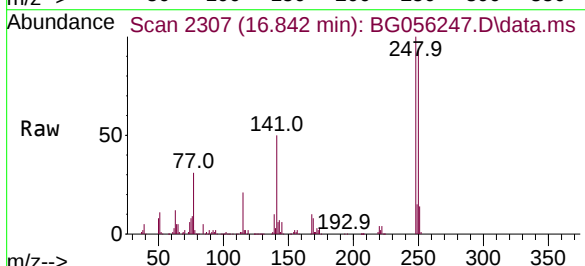
APPROVED

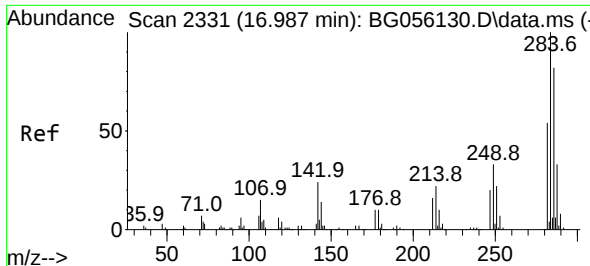
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#67
4-Bromophenyl-phenylether
Concen: 42.217 ng
RT: 16.842 min Scan# 2307
Delta R.T. -0.005 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion:248 Resp: 219941
Ion Ratio Lower Upper
248 100
250 94.2 78.2 117.4
141 49.8 37.6 56.4





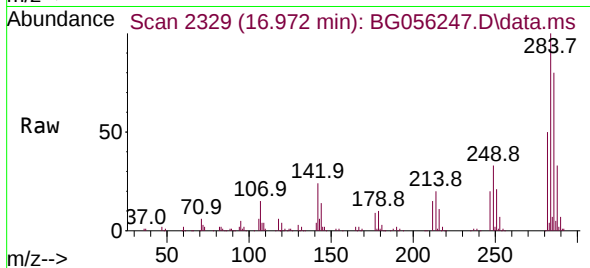
#68
Hexachlorobenzene
Concen: 45.402 ng
RT: 16.972 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS

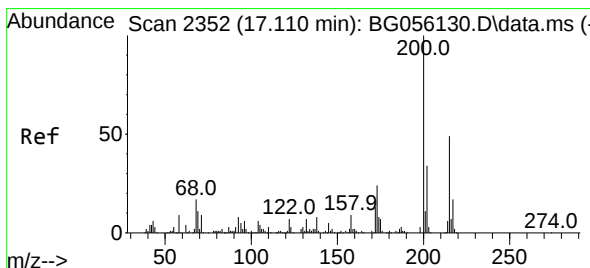
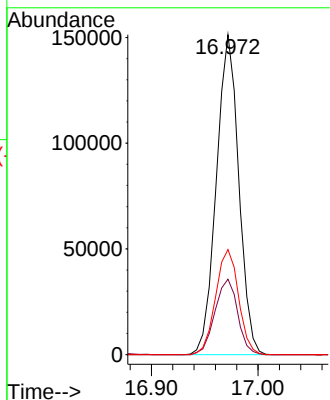
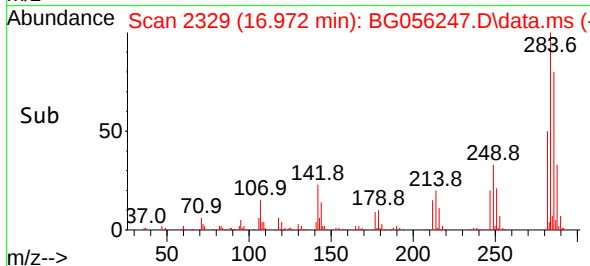


Tgt Ion:284 Resp: 220682
Ion Ratio Lower Upper
284 100
142 23.6 19.0 28.6
249 32.8 26.6 39.8

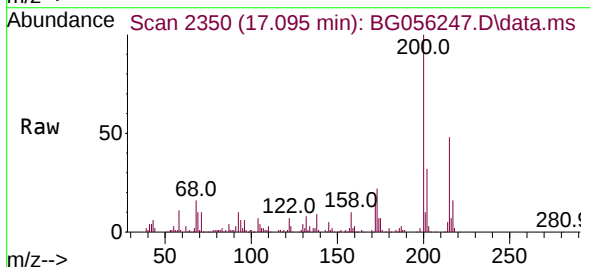
Manual Integrations

APPROVED

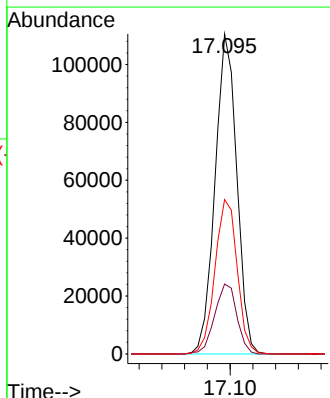
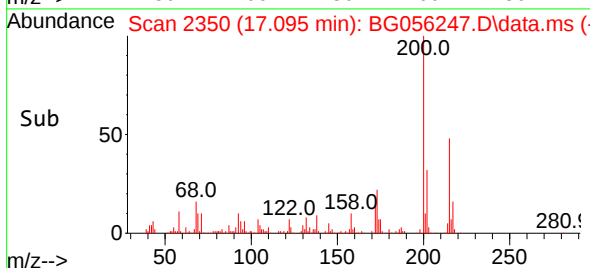
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

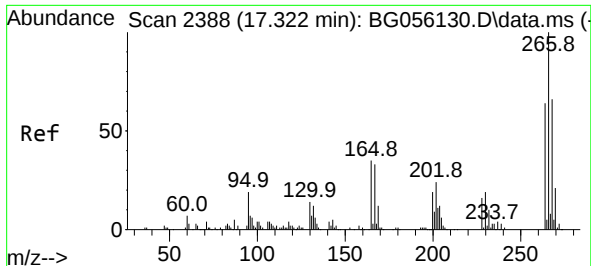


#69
Atrazine
Concen: 31.157 ng
RT: 17.095 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:200 Resp: 146575
Ion Ratio Lower Upper
200 100
173 21.8 4.0 44.0
215 48.2 29.1 69.1





#70
Pentachlorophenol
Concen: 77.153 ng
RT: 17.313 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

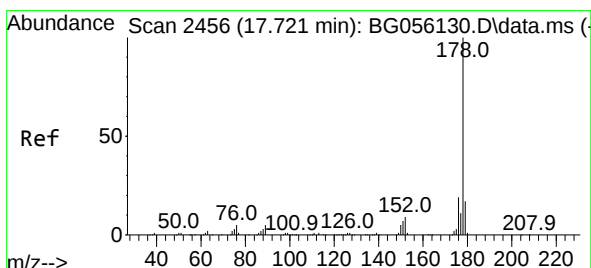
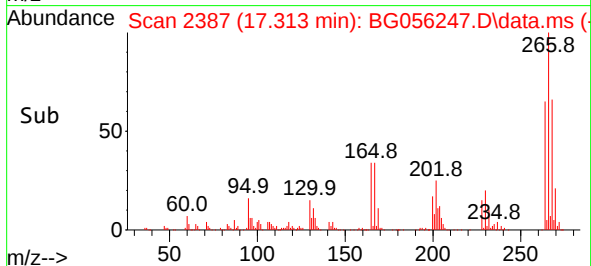
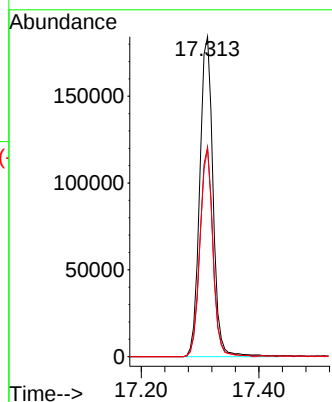
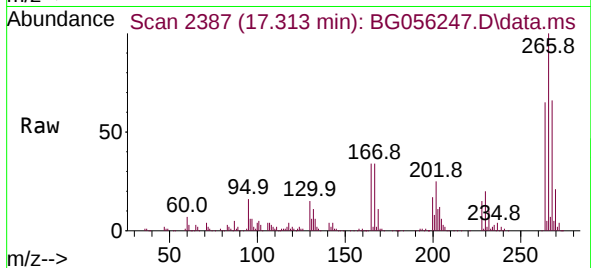
PB150116BS

Tgt Ion:266 Resp: 288068
Ion Ratio Lower Upper
266 100
268 65.5 53.0 79.4
264 65.0 51.4 77.2

Manual Integrations

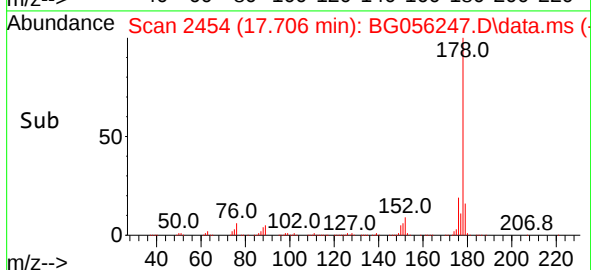
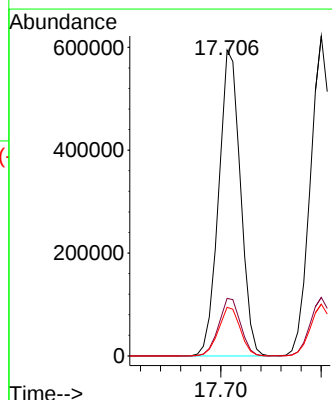
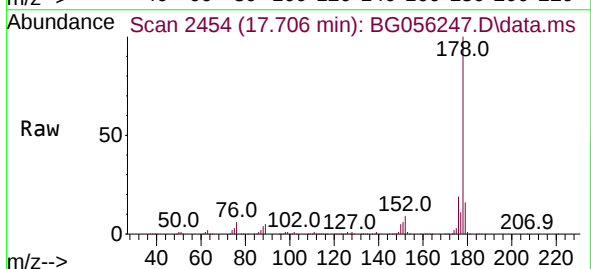
APPROVED

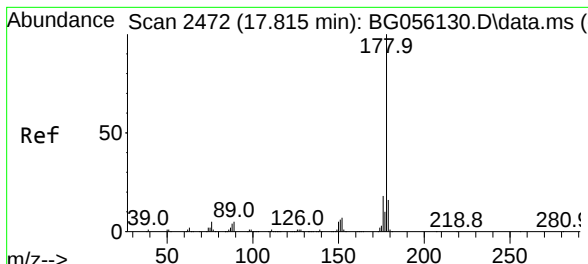
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#71
Phenanthrene
Concen: 42.212 ng
RT: 17.706 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

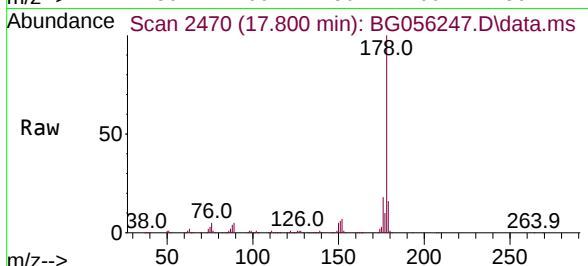
Tgt Ion:178 Resp: 894969
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.9 13.6 20.4





#72
 Anthracene
 Concen: 41.712 ng
 RT: 17.800 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG056247.D
 Acq: 11 Jan 2023 12:24

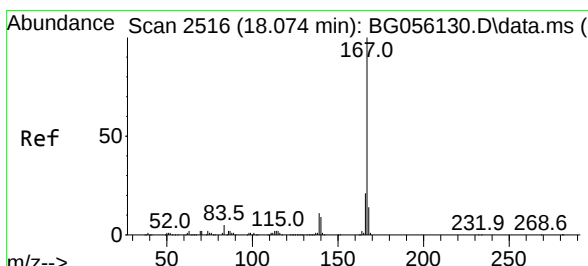
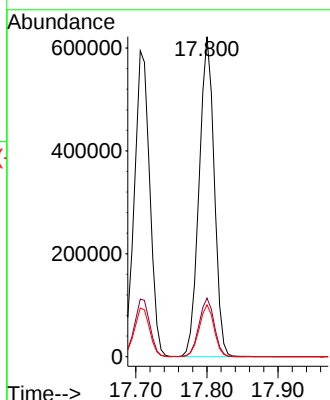
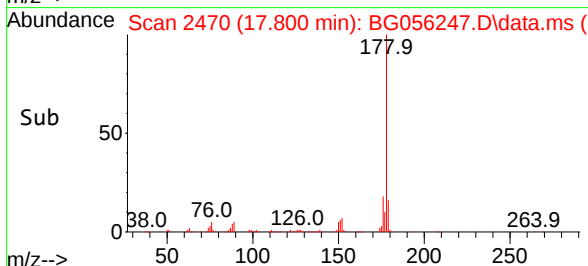
Instrument :
 BNA_G
 ClientSampleId :
 PB150116BS



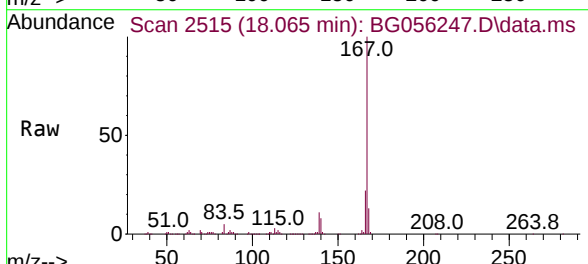
Tgt Ion:178 Resp: 912284
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 16.2 12.7 19.1

Manual Integrations
 APPROVED

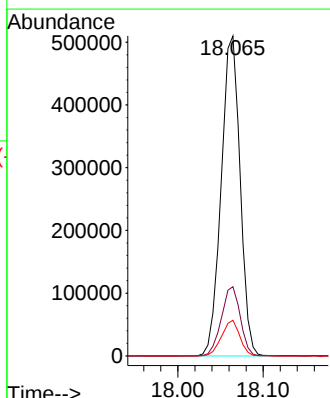
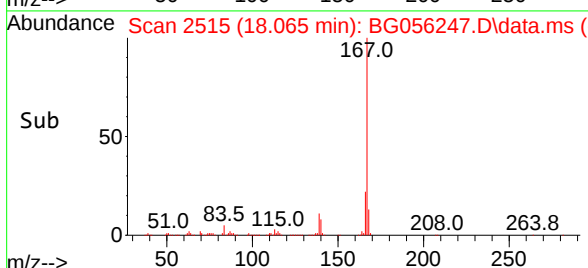
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023

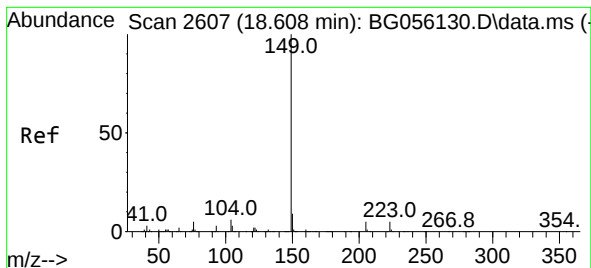


#73
 Carbazole
 Concen: 42.629 ng
 RT: 18.065 min Scan# 2515
 Delta R.T. 0.000 min
 Lab File: BG056247.D
 Acq: 11 Jan 2023 12:24



Tgt Ion:167 Resp: 783702
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 11.1 8.9 13.3





#74

Di-n-butylphthalate

Concen: 43.403 ng

RT: 18.593 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BG056247.D

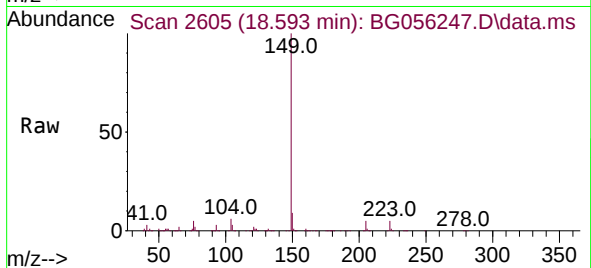
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS



Tgt Ion:149 Resp: 795421

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

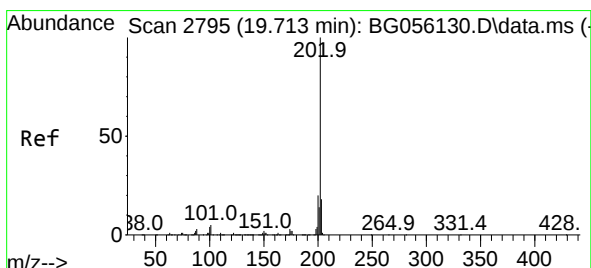
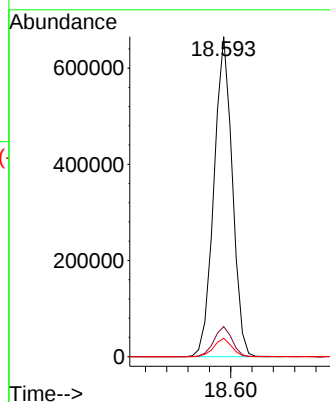
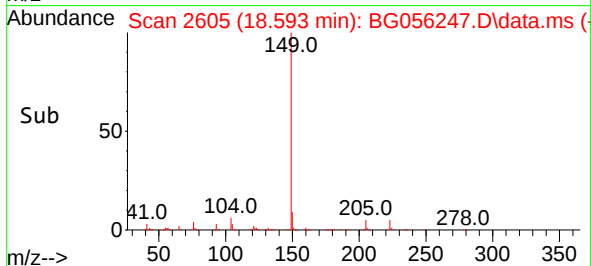
104 5.7 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#75

Fluoranthene

Concen: 41.307 ng

RT: 19.698 min Scan# 2793

Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

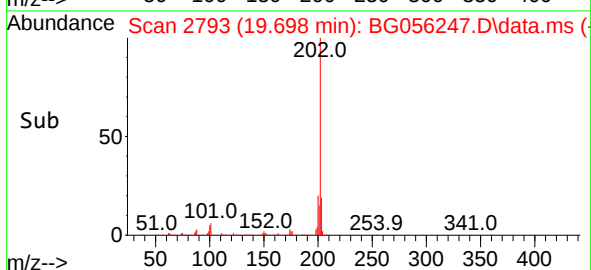
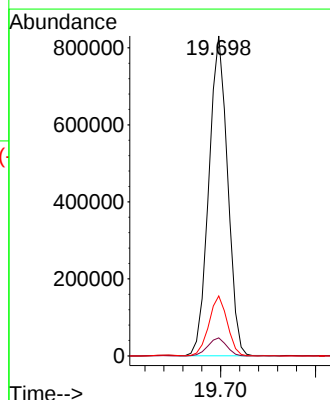
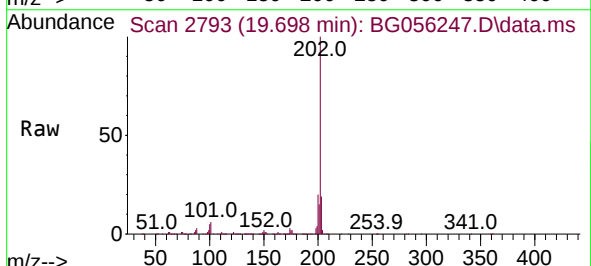
Tgt Ion:202 Resp: 1142406

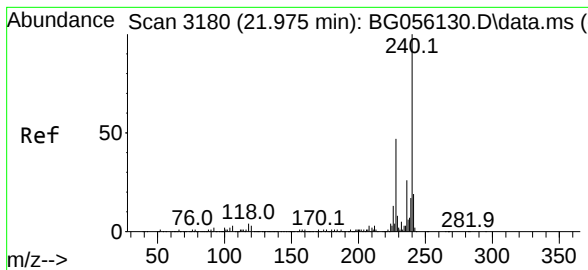
Ion Ratio Lower Upper

202 100

101 5.6 0.0 25.0

203 18.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.960 min Scan# 3180

Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS

Tgt Ion:240 Resp: 412668

Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0

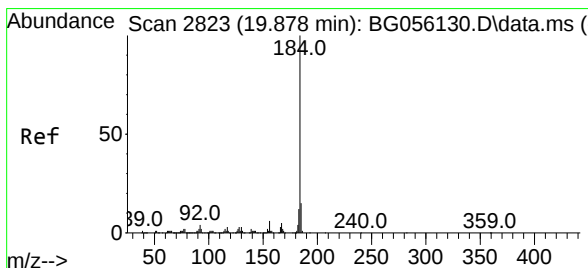
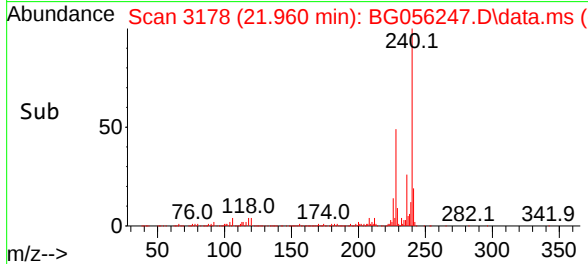
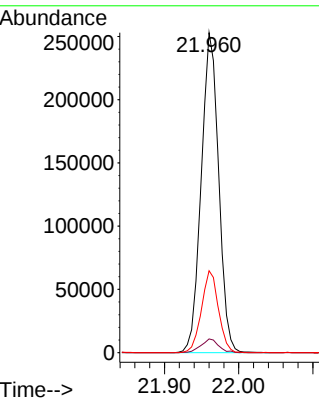
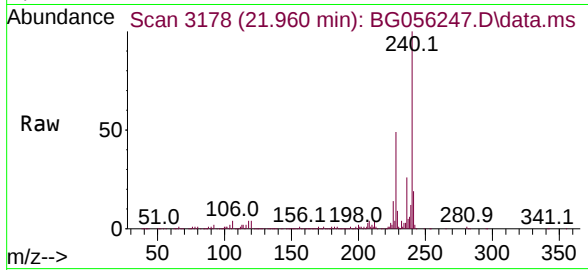
236 25.6 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#77

Benzidine

Concen: 17.417 ng

RT: 19.862 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

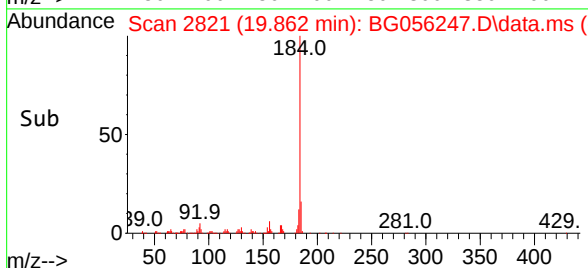
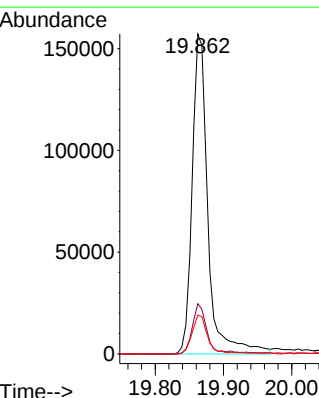
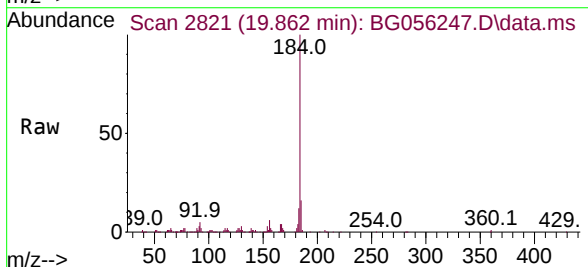
Tgt Ion:184 Resp: 251879

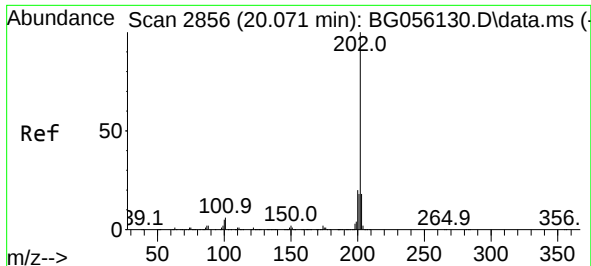
Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

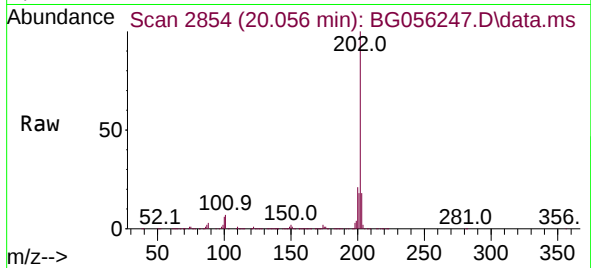
183 12.1 9.4 14.0





#78
Pyrene
Concen: 39.495 ng
RT: 20.056 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

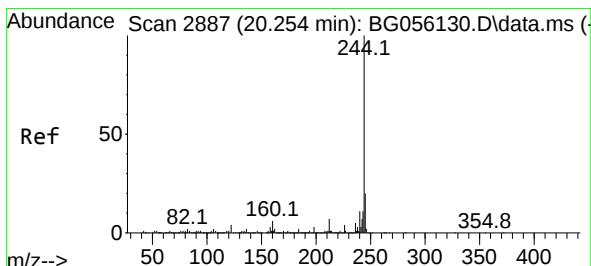
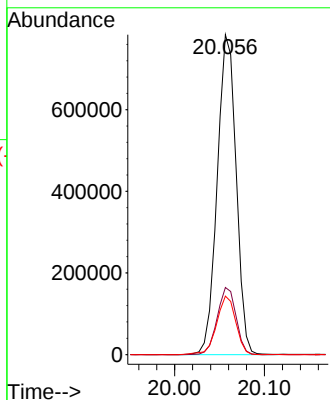
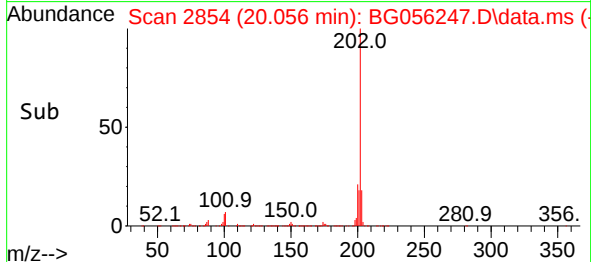
Instrument :
BNA_G
ClientSampleId :
PB150116BS



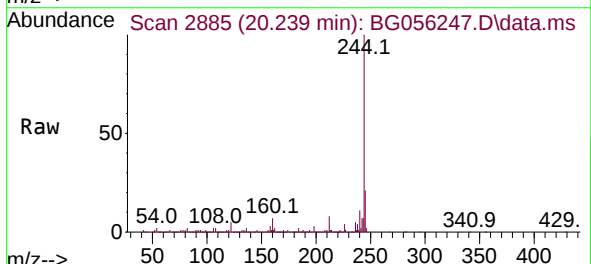
Tgt Ion:202 Resp: 114878
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 18.3 14.3 21.5

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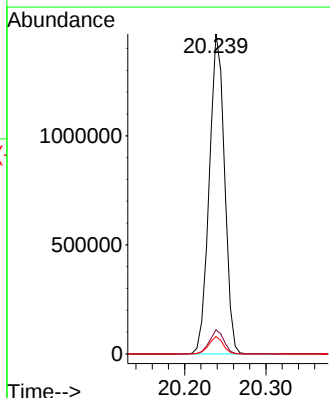
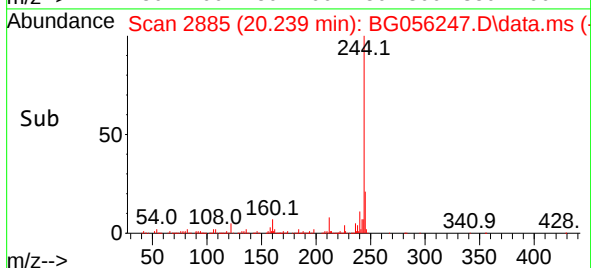
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

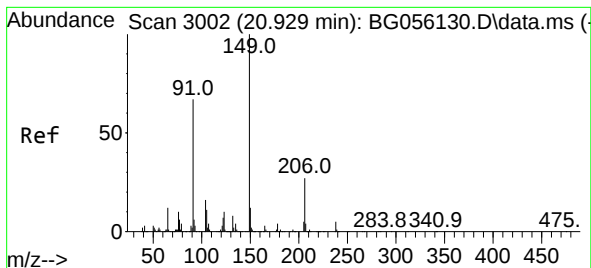


#79
Terphenyl-d14
Concen: 83.381 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24



Tgt Ion:244 Resp: 1921150
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.4 3.5 5.3#





#80

Butylbenzylphthalate

Concen: 40.929 ng

RT: 20.920 min Scan# 3002

Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

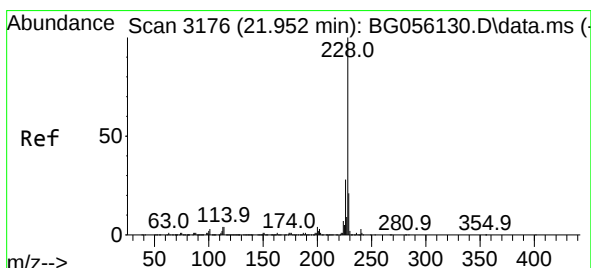
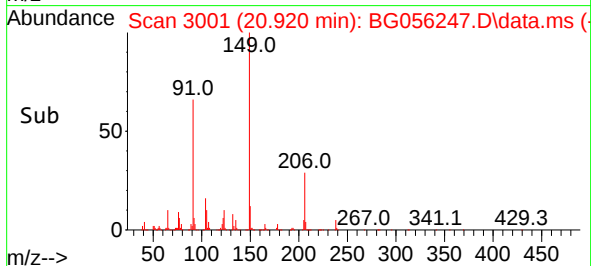
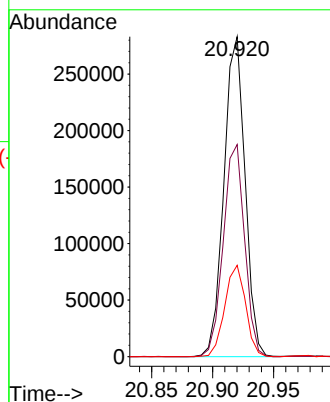
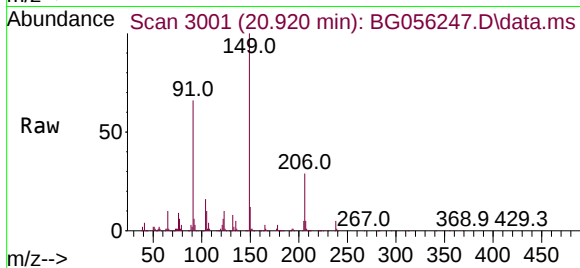
PB150116BS

Tgt Ion:	149	Resp:	34154
Ion Ratio	Lower	Upper	
149	100		
91	66.3	53.5	80.3
206	28.5	21.9	32.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#81

Benzo(a)anthracene

Concen: 39.989 ng

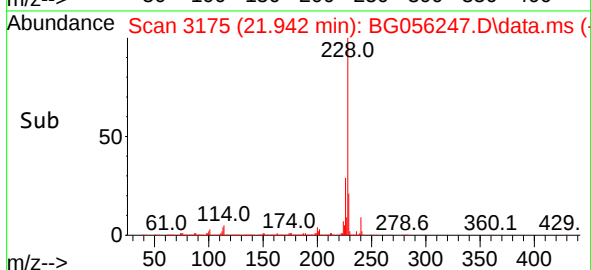
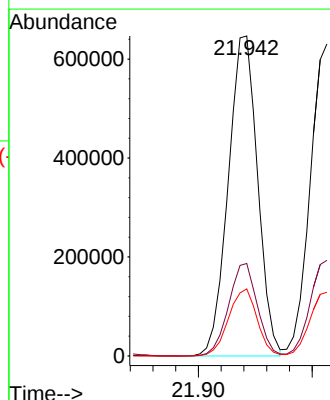
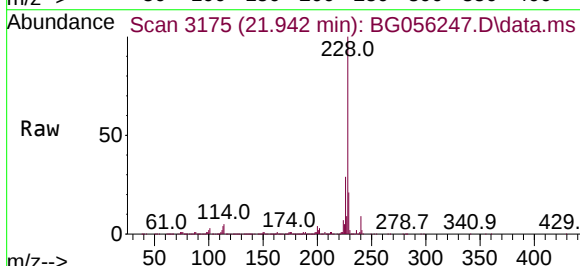
RT: 21.942 min Scan# 3175

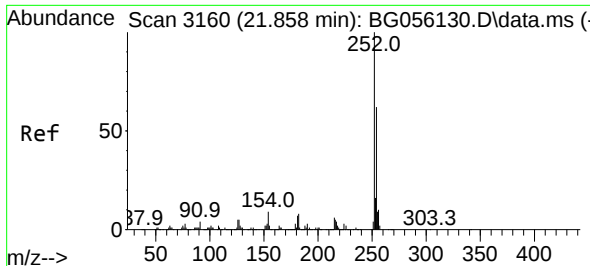
Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Tgt Ion:	228	Resp:	1159067
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	34.0
229	20.9	16.9	25.3





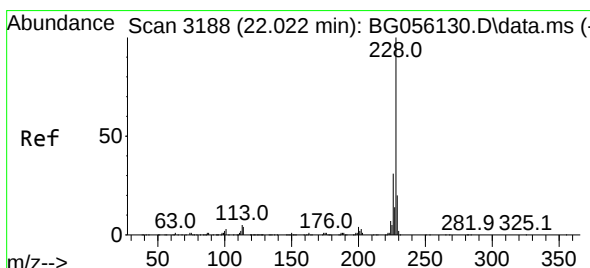
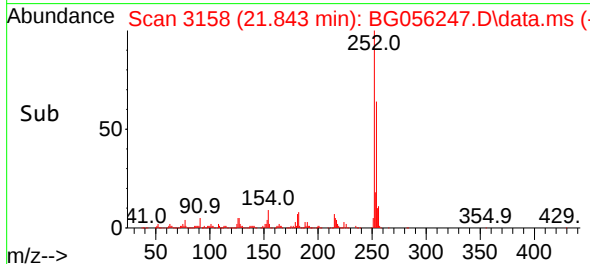
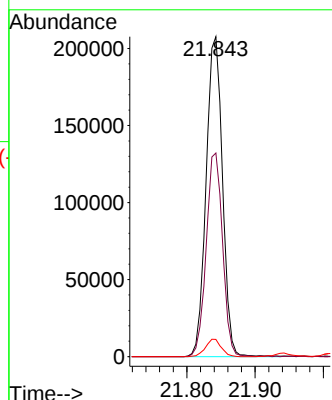
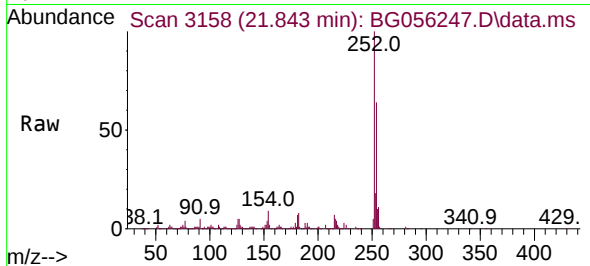
#82
 3,3'-Dichlorobenzidine
 Concen: 33.190 ng
 RT: 21.843 min Scan# 3160
 Delta R.T. 0.000 min
 Lab File: BG056247.D
 Acq: 11 Jan 2023 12:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BS

Tgt Ion:252 Resp: 346305
 Ion Ratio Lower Upper
 252 100
 254 63.6 49.5 74.3
 126 5.4 4.0 6.0

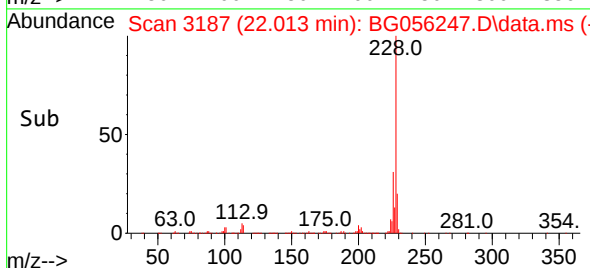
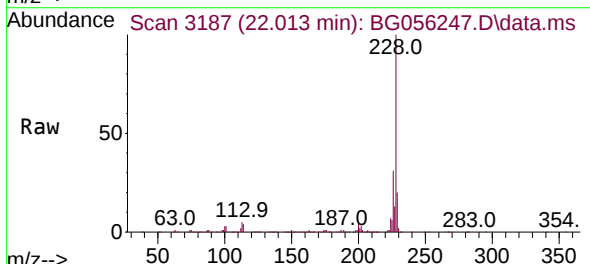
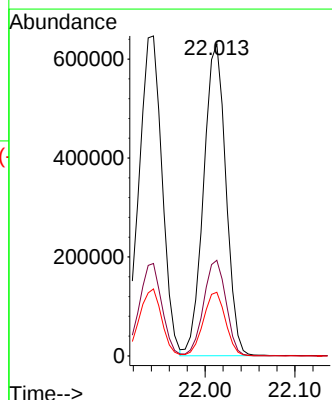
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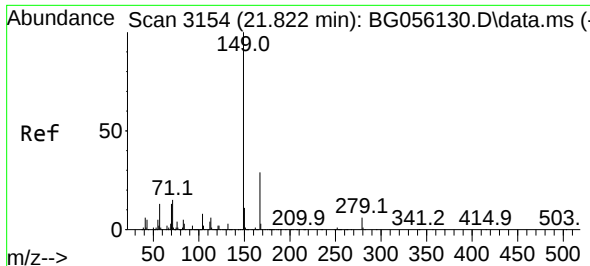
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#83
 Chrysene
 Concen: 40.020 ng
 RT: 22.013 min Scan# 3187
 Delta R.T. 0.000 min
 Lab File: BG056247.D
 Acq: 11 Jan 2023 12:24

Tgt Ion:228 Resp: 1086539
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 36.8
 229 20.4 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 41.558 ng
RT: 21.807 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

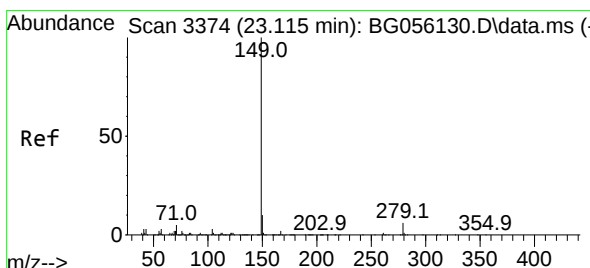
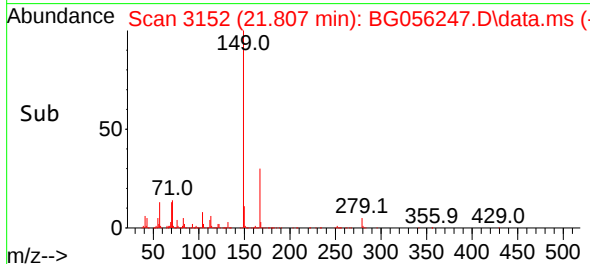
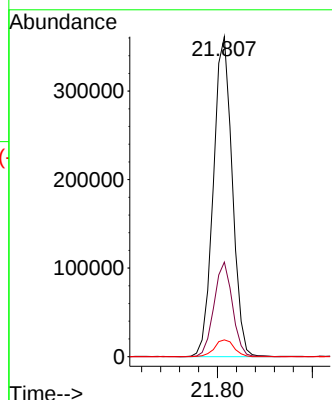
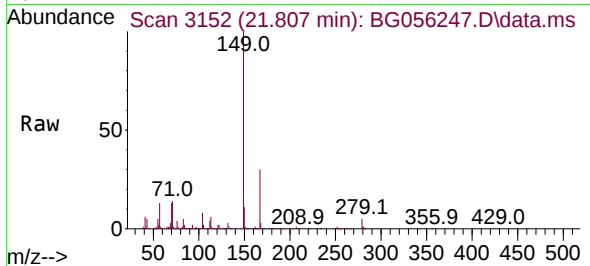
ClientSampleId :

PB150116BS

Tgt Ion:149 Resp: 499617
Ion Ratio Lower Upper
149 100
167 29.5 23.4 35.2
279 5.2 4.7 7.1

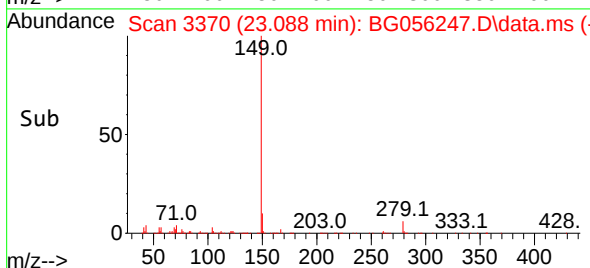
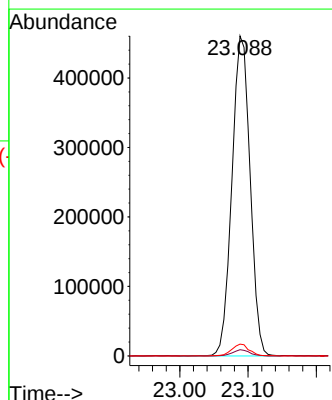
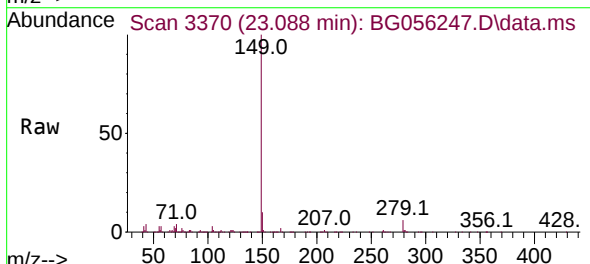
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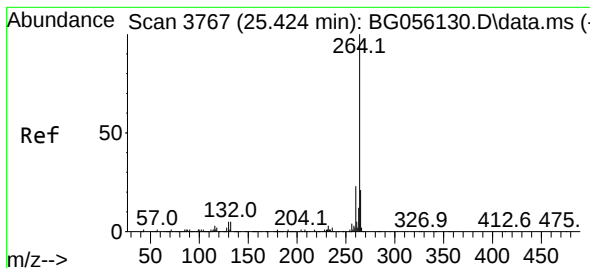
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#85
Di-n-octyl phthalate
Concen: 41.939 ng
RT: 23.088 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion:149 Resp: 851185
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.5 2.9 4.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.403 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS

Tgt Ion:264 Resp: 406373

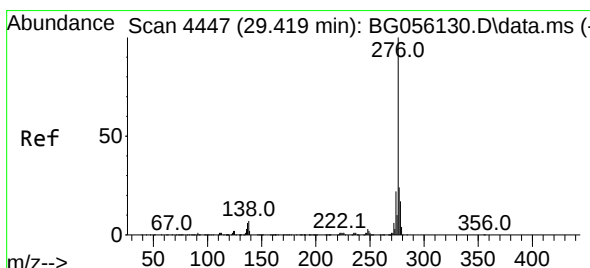
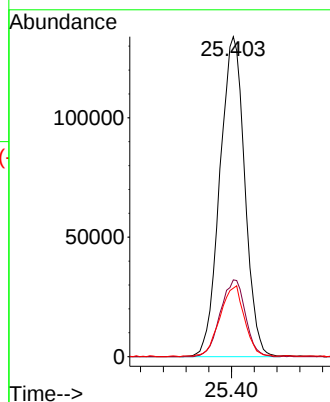
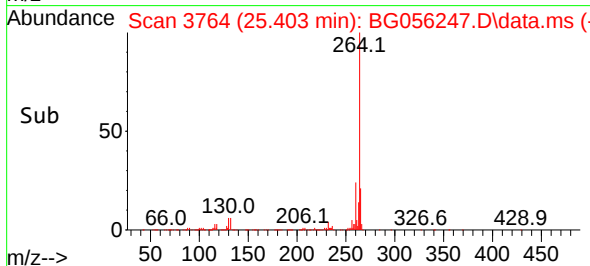
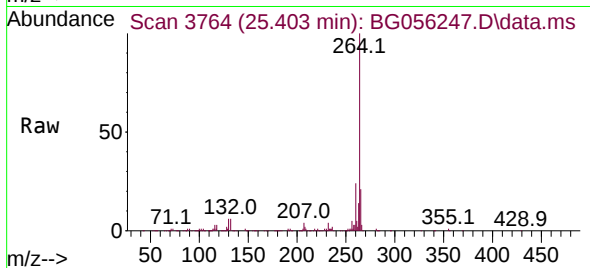
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.4	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.945 ng

RT: 29.363 min Scan# 4438

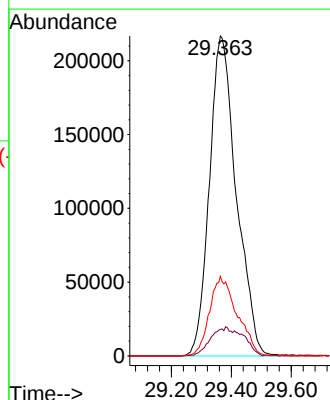
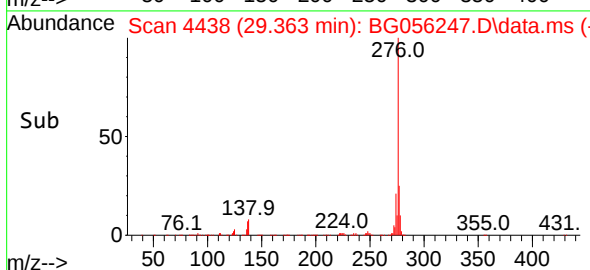
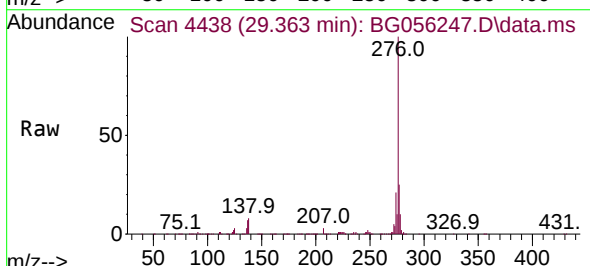
Delta R.T. 0.000 min

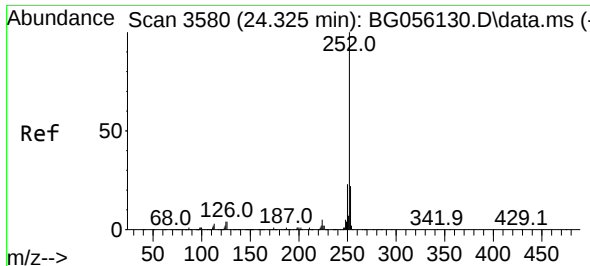
Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

Tgt Ion:276 Resp: 1357870

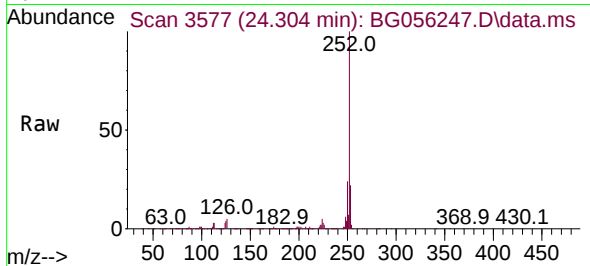
Ion	Ratio	Lower	Upper
276	100		
138	10.9	5.0	7.4#
277	25.5	20.5	30.7





#88
Benzo(b)fluoranthene
Concen: 48.354 ng
RT: 24.304 min Scan# 3577
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

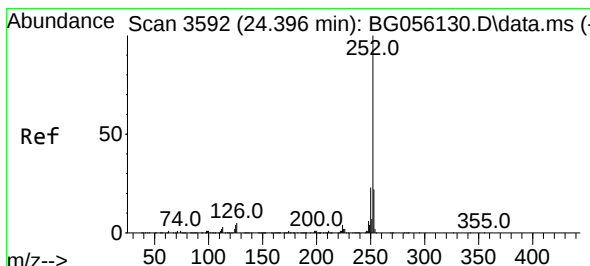
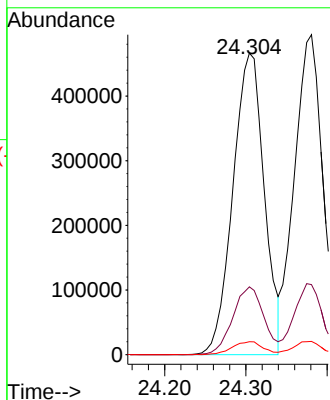
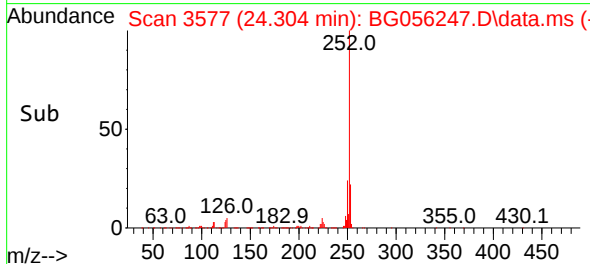
Instrument :
BNA_G
ClientSampleId :
PB150116BS



Tgt Ion:252 Resp: 1248483
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.3 3.0 4.4

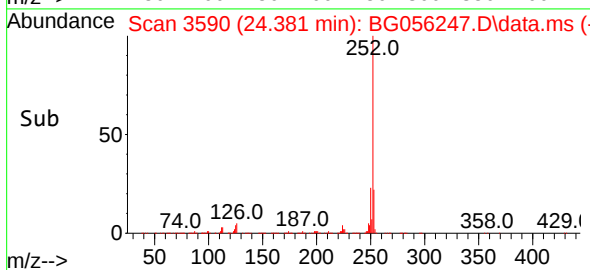
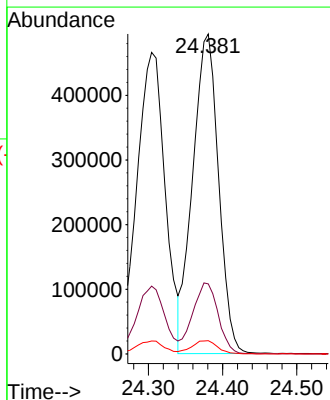
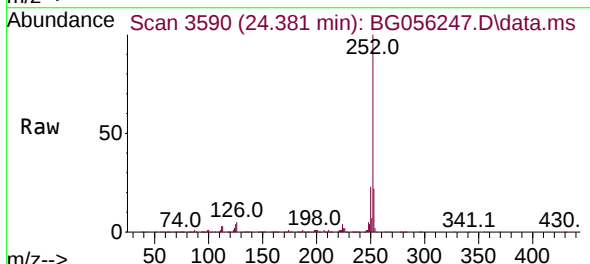
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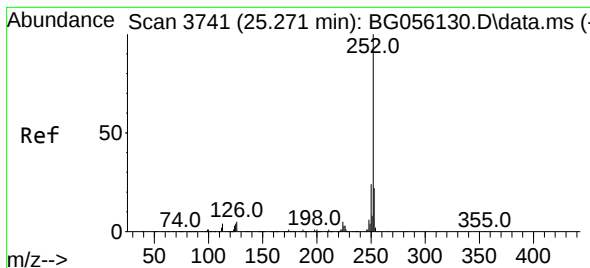
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#89
Benzo(k)fluoranthene
Concen: 46.536 ng
RT: 24.381 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BG056247.D
Acq: 11 Jan 2023 12:24

Tgt Ion:252 Resp: 1196495
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 4.1 3.4 5.0





#90

Benzo(a)pyrene

Concen: 43.132 ng

RT: 25.239 min Scan# 3741

Delta R.T. -0.005 min

Lab File: BG056247.D

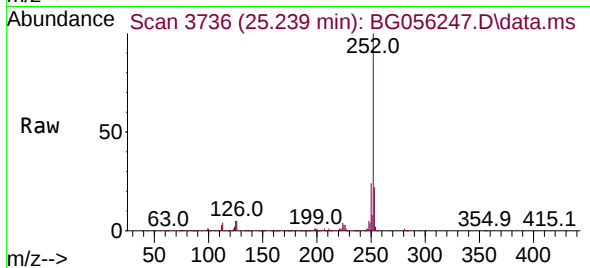
Acq: 11 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150116BS



Tgt Ion:252 Resp: 108620

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

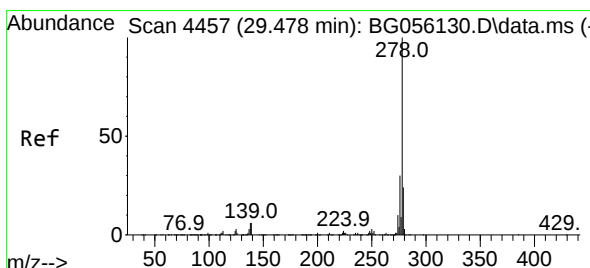
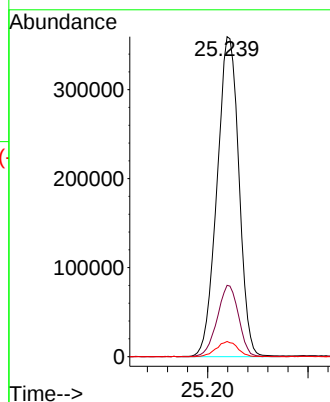
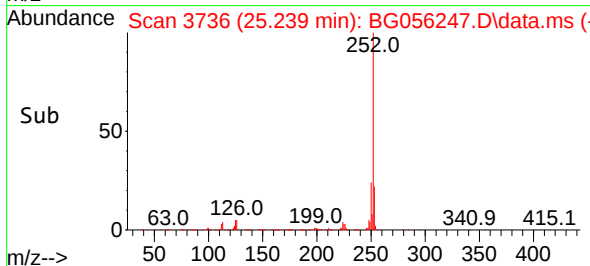
125 4.7 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#91

Dibenzo(a,h)anthracene

Concen: 47.112 ng

RT: 29.439 min Scan# 4451

Delta R.T. 0.006 min

Lab File: BG056247.D

Acq: 11 Jan 2023 12:24

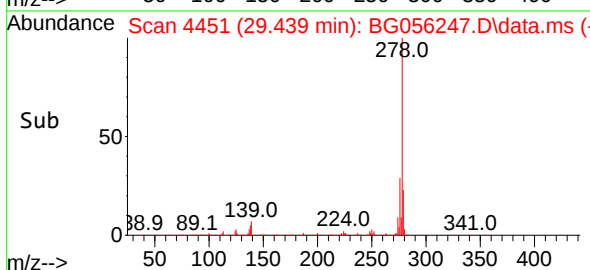
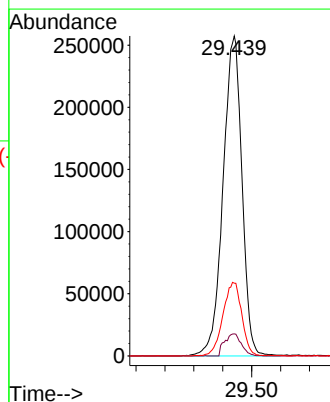
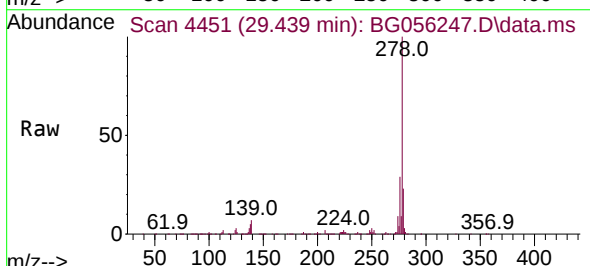
Tgt Ion:278 Resp: 1167334

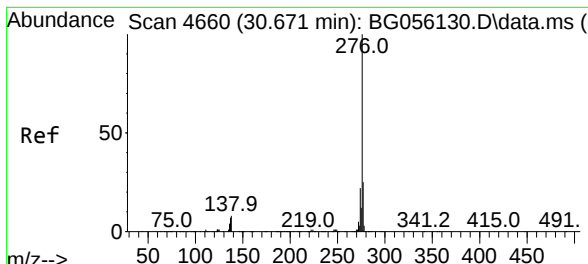
Ion Ratio Lower Upper

278 100

139 6.9 4.8 7.2

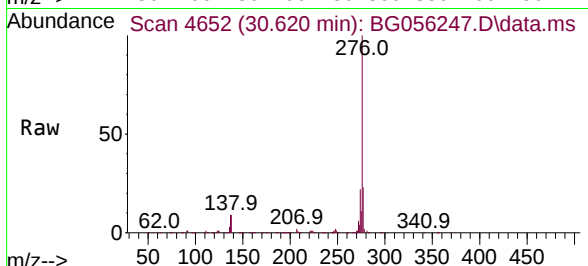
279 22.8 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 46.819 ng
 RT: 30.620 min Scan# 4652
 Delta R.T. 0.006 min
 Lab File: BG056247.D
 Acq: 11 Jan 2023 12:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BS



Tgt Ion: 276 Resp: 1124975

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.7	29.5
138	9.0	6.7	10.1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

