

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056382.D
 Acq On : 23 Jan 2023 13:13
 Operator : CG/JU
 Sample : PB150301BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150301BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 01:19:44 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 19 00:31:30 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	31870	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	136455	20.000	ng	0.00
39) Acenaphthene-d10	14.918	164	119930	20.000	ng	0.00
64) Phenanthrene-d10	17.656	188	328783	20.000	ng	0.00
76) Chrysene-d12	21.951	240	289159	20.000	ng	# 0.00
86) Perylene-d12	25.382	264	304328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	288281	161.508	ng	0.00
7) Phenol-d6	7.444	99	420827	153.522	ng	0.00
23) Nitrobenzene-d5	9.477	82	219747	82.374	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	225891	148.721	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	722489	83.189	ng	0.00
79) Terphenyl-d14	20.229	244	1507755	93.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	25240	30.958	ng	# 87
3) Pyridine	4.042	79	74366	29.948	ng	# 92
4) n-Nitrosodimethylamine	3.948	42	21039	41.651	ng	92
6) Aniline	7.609	93	118820	33.054	ng	98
8) 2-Chlorophenol	7.855	128	100723	56.707	ng	94
9) Benzaldehyde	7.421	77	26102m	16.015	ng	
10) Phenol	7.468	94	147244	52.967	ng	97
11) bis(2-Chloroethyl)ether	7.703	93	86426	45.877	ng	96
12) 1,3-Dichlorobenzene	8.184	146	106277	49.163	ng	93
13) 1,4-Dichlorobenzene	8.337	146	107070	49.323	ng	98
14) 1,2-Dichlorobenzene	8.660	146	106383	50.790	ng	99
15) Benzyl Alcohol	8.531	79	97713	48.979	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.813	45	19789	59.443	ng	# 70
17) 2-Methylphenol	8.737	107	100050	49.048	ng	97
18) Hexachloroethane	9.395	117	32627	49.475	ng	92
19) n-Nitroso-di-n-propyla...	9.101	70	71205	42.718	ng	98
20) 3+4-Methylphenols	9.066	107	141927	49.489	ng	98
22) Acetophenone	9.125	105	162245	42.051	ng	98
24) Nitrobenzene	9.518	77	107955	40.835	ng	94
25) Isophorone	10.041	82	218454	38.921	ng	97
26) 2-Nitrophenol	10.235	139	61494	45.462	ng	96
27) 2,4-Dimethylphenol	10.282	122	114067	46.236	ng	99
28) bis(2-Chloroethoxy)met...	10.511	93	120294	41.236	ng	99
29) 2,4-Dichlorophenol	10.776	162	129603	47.517	ng	99
30) 1,2,4-Trichlorobenzene	10.987	180	131675	42.542	ng	98
31) Naphthalene	11.187	128	320160	44.582	ng	99
32) Benzoic acid	10.429	122	65745m	35.916	ng	
33) 4-Chloroaniline	11.287	127	104569	30.498	ng	96
34) Hexachlorobutadiene	11.457	225	88662	39.828	ng	96
35) Caprolactam	12.056	113	43971m	47.616	ng	
36) 4-Chloro-3-methylphenol	12.385	107	131148	47.386	ng	97
37) 2-Methylnaphthalene	12.767	142	257970	42.543	ng	96
38) 1-Methylnaphthalene	12.985	142	241441	42.878	ng	99
40) 1,2,4,5-Tetrachloroben...	13.126	216	186579	41.509	ng	99
41) Hexachlorocyclopentadiene	13.102	237	214254	83.605	ng	94
43) 2,4,6-Trichlorophenol	13.361	196	131091	44.105	ng	95

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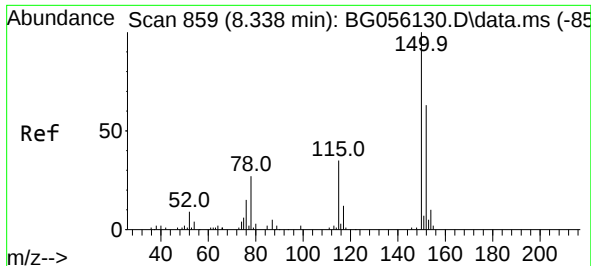
Manual Integrations
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 Supervised By : Jagrut Upadhyay 01/24/2023

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 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

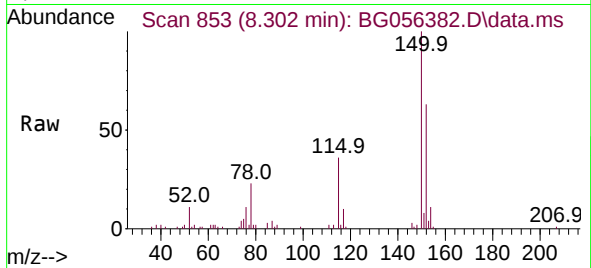
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.437	196	145585	41.407	ng	99
46) 1,1'-Biphenyl	13.754	154	379180	44.147	ng	98
47) 2-Chloronaphthalene	13.807	162	301696	44.502	ng	98
48) 2-Nitroaniline	14.001	65	69216	47.919	ng	95
49) Acenaphthylene	14.647	152	493137	44.699	ng	99
50) Dimethylphthalate	14.360	163	431014	44.519	ng	99
51) 2,6-Dinitrotoluene	14.483	165	94368	45.744	ng	95
52) Acenaphthene	14.982	154	369869m	51.547	ng	
53) 3-Nitroaniline	14.818	138	66312	33.775	ng	96
54) 2,4-Dinitrophenol	15.029	184	140390	95.260	ng	96
55) Dibenzofuran	15.311	168	526584	44.348	ng	97
56) 4-Nitrophenol	15.123	139	152136	100.754	ng	88
57) 2,4-Dinitrotoluene	15.270	165	141041	48.887	ng	92
58) Fluorene	15.958	166	430552	45.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.535	232	142671m	43.217	ng	
60) Diethylphthalate	15.705	149	414763	45.682	ng	100
61) 4-Chlorophenyl-phenyle...	15.940	204	258312	43.341	ng	97
62) 4-Nitroaniline	15.975	138	94612	47.045	ng	93
63) Azobenzene	16.234	77	304475	43.457	ng	97
65) 4,6-Dinitro-2-methylph...	16.034	198	96940	43.762	ng	89
66) n-Nitrosodiphenylamine	16.152	169	403172	44.197	ng	95
67) 4-Bromophenyl-phenylether	16.833	248	178945	42.741	ng	97
68) Hexachlorobenzene	16.962	284	188559	48.273	ng	99
69) Atrazine	17.086	200	170596	45.124	ng	98
70) Pentachlorophenol	17.303	266	225007	74.988	ng	97
71) Phenanthrene	17.697	178	756731	44.413	ng	99
72) Anthracene	17.791	178	767308	43.655	ng	99
73) Carbazole	18.055	167	677010	45.824	ng	98
74) Di-n-butylphthalate	18.578	149	678988	46.103	ng	99
75) Fluoranthene	19.689	202	906699	40.796	ng	98
77) Benzidine	19.853	184	331160	32.680	ng	98
78) Pyrene	20.053	202	919694	45.125	ng	99
80) Butylbenzylphthalate	20.905	149	270341	46.234	ng	98
81) Benzo(a)anthracene	21.927	228	893138	43.976	ng	99
82) 3,3'-Dichlorobenzidine	21.827	252	204197	27.930	ng	97
83) Chrysene	21.998	228	840904	44.202	ng	99
84) Bis(2-ethylhexyl)phtha...	21.786	149	372875	44.263	ng	100
85) Di-n-octyl phthalate	23.061	149	643721	45.265	ng	99
87) Indeno(1,2,3-cd)pyrene	29.354	276	1050245	47.452	ng	# 96
88) Benzo(b)fluoranthene	24.289	252	931525	48.176	ng	98
89) Benzo(k)fluoranthene	24.360	252	901420	46.816	ng	99
90) Benzo(a)pyrene	25.223	252	814731	43.200	ng	# 98
91) Dibenzo(a,h)anthracene	29.418	278	889227	47.921	ng	99
92) Benzo(g,h,i)perylene	30.605	276	852079	47.352	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.302 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG056382.D
 Acq: 23 Jan 2023 13:13

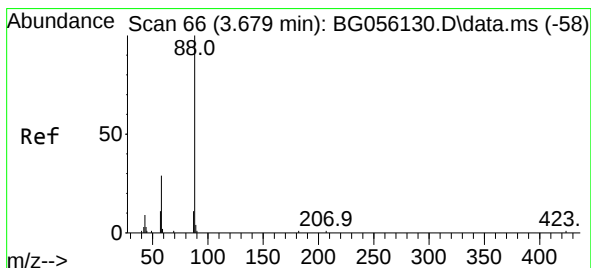
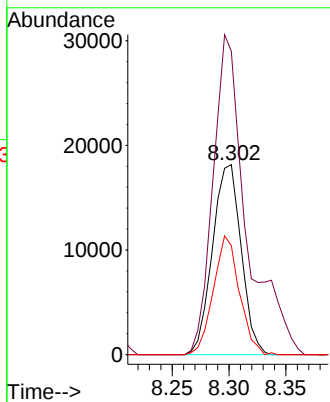
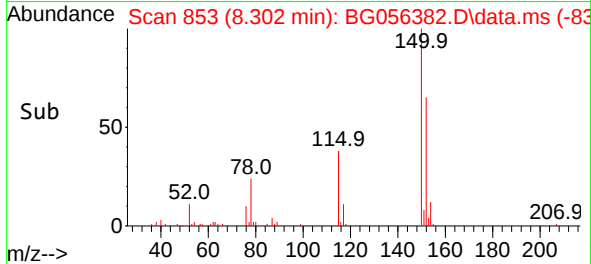
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 BNA_G
 ClientSampleId :
 PB150301BS



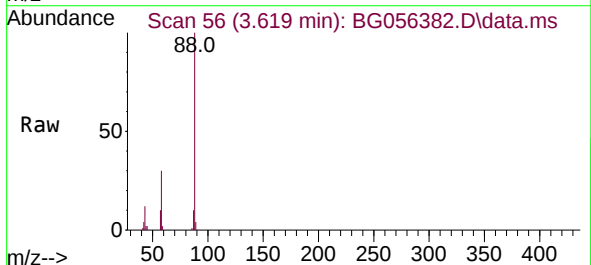
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 Ion Ratio Lower Upper
 152 100
 150 159.6 127.9 191.9
 115 57.4 44.2 66.2

Manual Integrations
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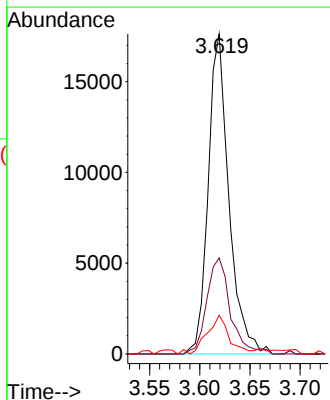
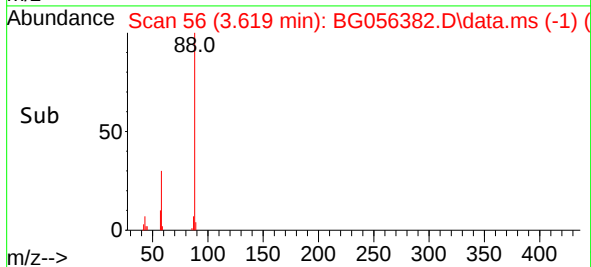
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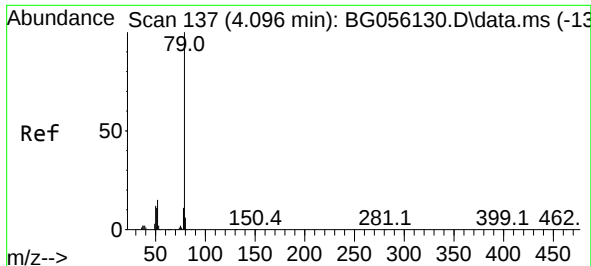


#2
 1,4-Dioxane
 Concen: 30.958 ng
 RT: 3.619 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BG056382.D
 Acq: 23 Jan 2023 13:13



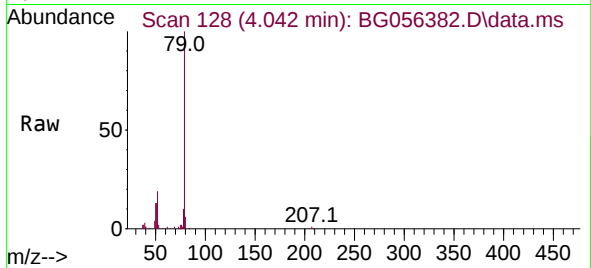
Tgt Ion: 88 Resp: 25240
 Ion Ratio Lower Upper
 88 100
 58 34.0 21.4 32.0#
 43 13.0 7.1 10.7#





#3
Pyridine
Concen: 29.948 ng
RT: 4.042 min Scan# 11
Delta R.T. -0.016 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

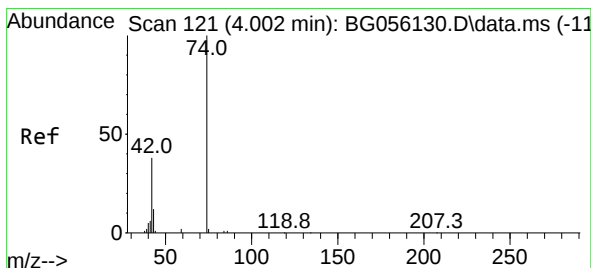
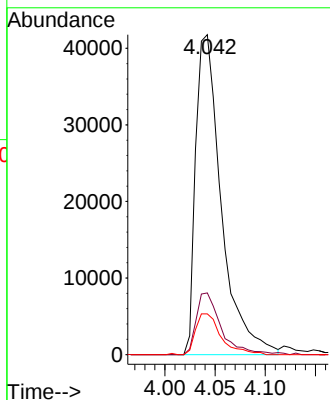
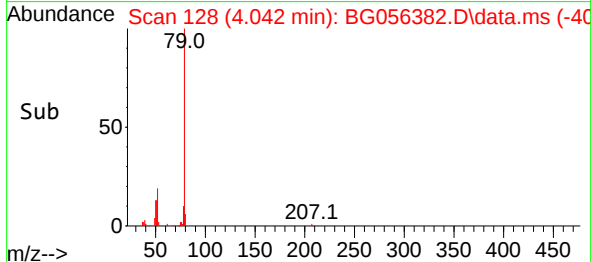
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion: 79 Resp: 74366
Ion Ratio Lower Upper
79 100
52 19.3 11.8 17.6
51 12.7 8.8 13.2

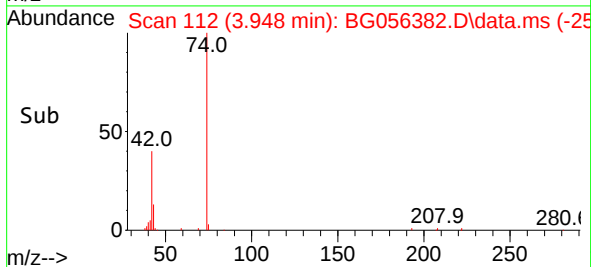
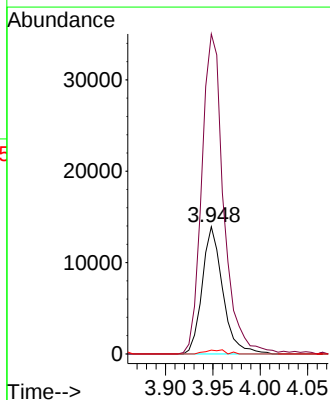
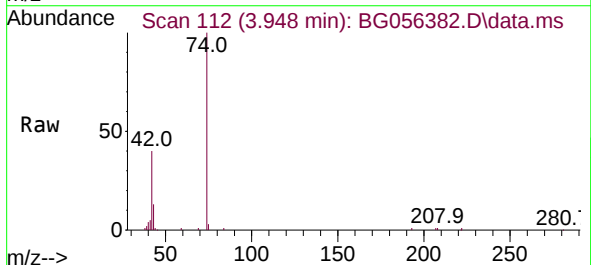
Manual Integrations
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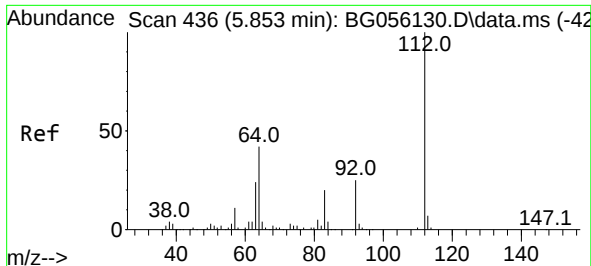
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4
n-Nitrosodimethylamine
Concen: 41.651 ng
RT: 3.948 min Scan# 112
Delta R.T. -0.022 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion: 42 Resp: 21039
Ion Ratio Lower Upper
42 100
74 251.6 212.6 319.0
44 3.0 2.6 3.8





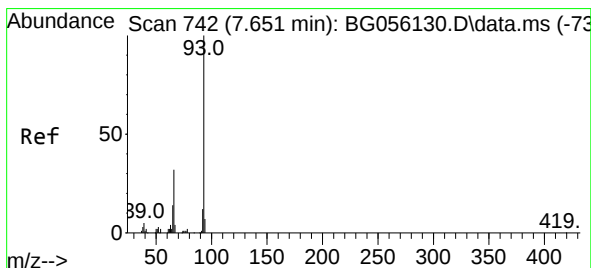
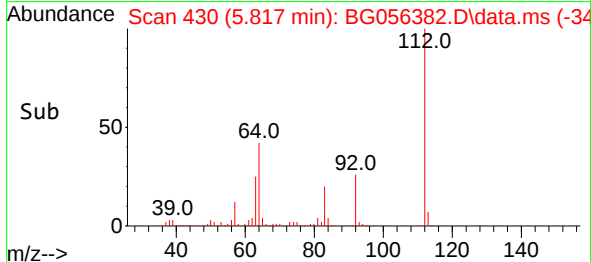
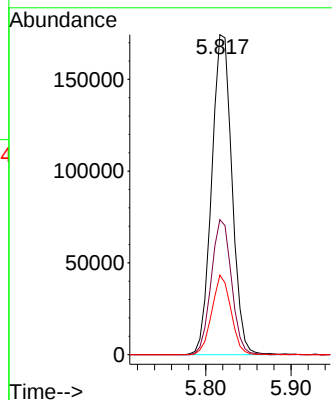
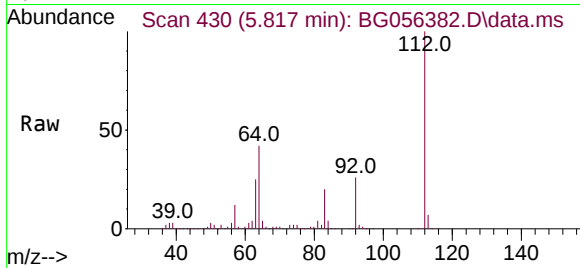
#5
2-Fluorophenol
Concen: 161.508 ng
RT: 5.817 min Scan# 436
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :
BNA_G
ClientSampleId :
PB150301BS

Tgt Ion:112 Resp: 28828
Ion Ratio Lower Upper
112 100
64 42.2 33.3 49.9
63 24.8 19.0 28.4

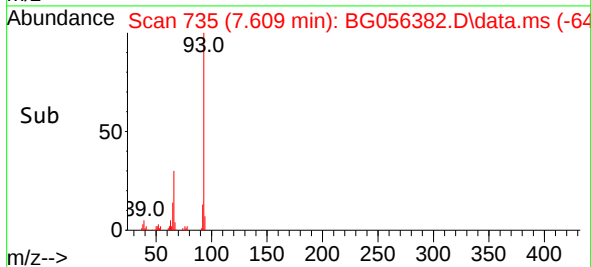
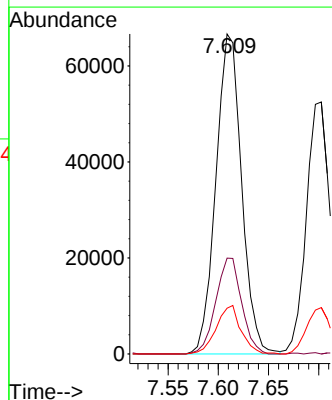
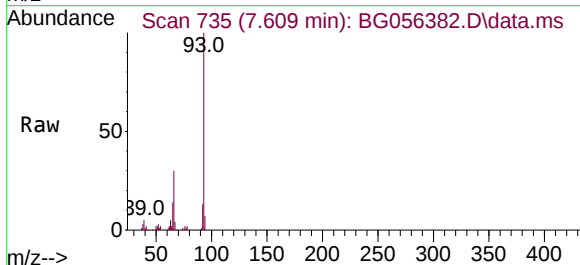
Manual Integrations
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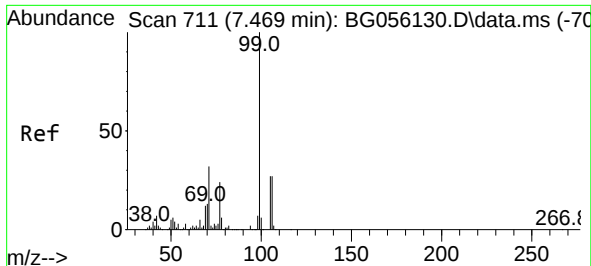
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 33.054 ng
RT: 7.609 min Scan# 735
Delta R.T. -0.016 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

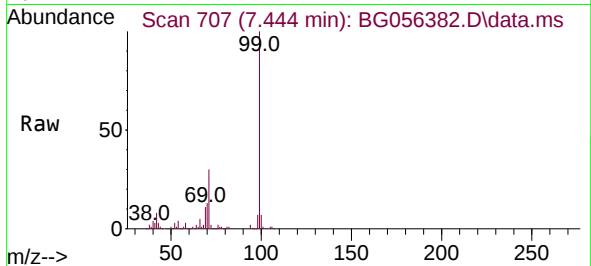
Tgt Ion: 93 Resp: 118820
Ion Ratio Lower Upper
93 100
66 29.9 25.4 38.2
65 14.3 11.4 17.2





#7
Phenol-d6
Concen: 153.522 ng
RT: 7.444 min Scan# 707
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

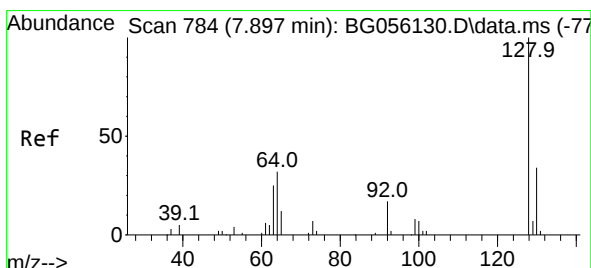
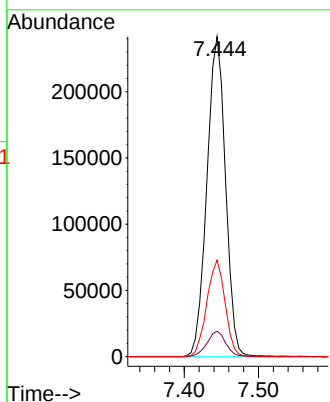
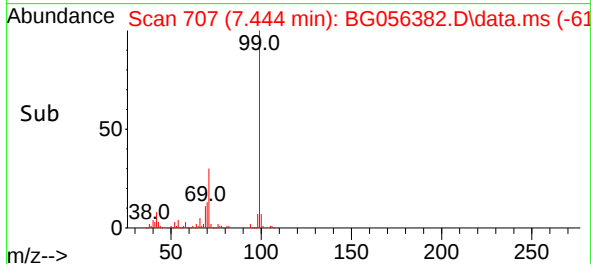
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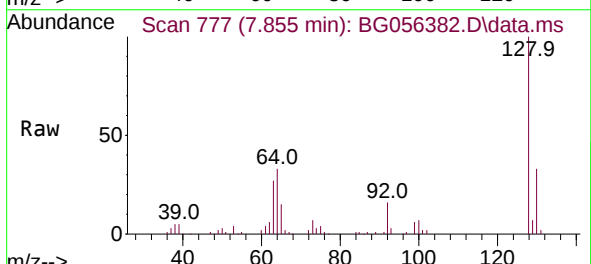
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Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.2 25.4 38.2

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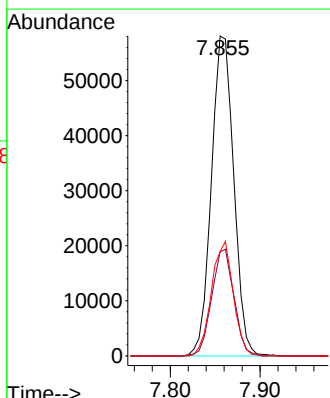
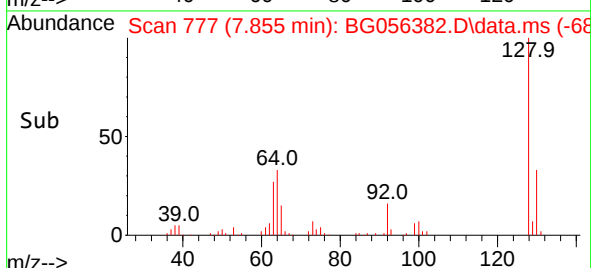
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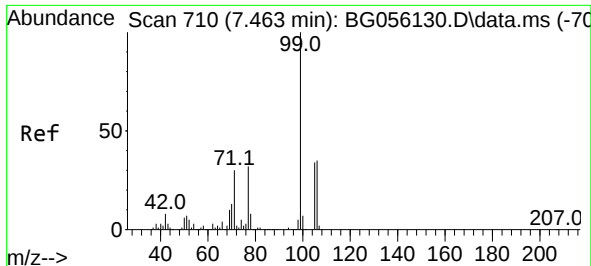


#8
2-Chlorophenol
Concen: 56.707 ng
RT: 7.855 min Scan# 777
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



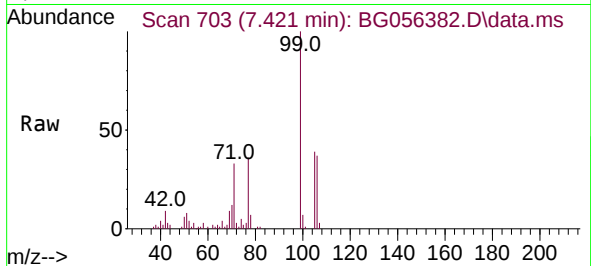
Tgt Ion:128 Resp: 100723
Ion Ratio Lower Upper
128 100
130 32.5 13.5 53.5
64 32.6 18.0 58.0





#9
Benzaldehyde
Concen: 16.015 ng m
RT: 7.421 min Scan# 70
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

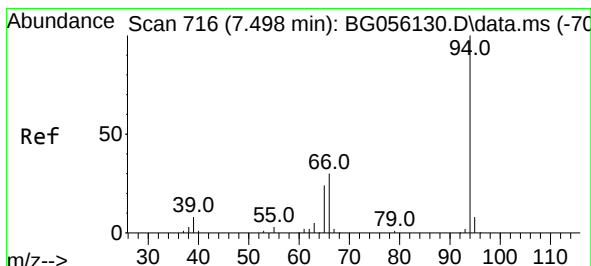
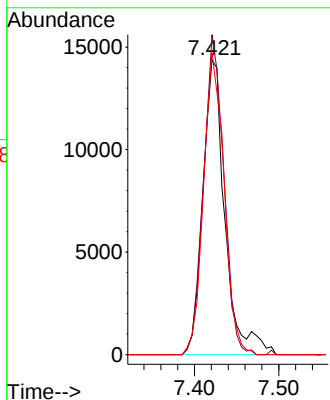
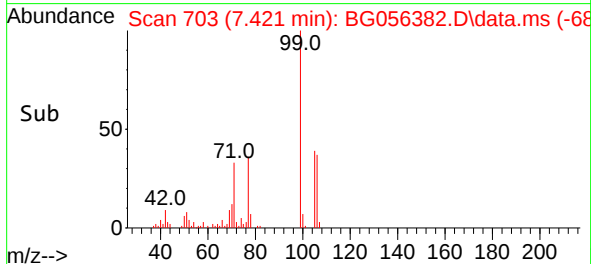
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion: 77 Resp: 26102
Ion Ratio Lower Upper
77 100
105 108.6 86.8 126.8
106 102.4 89.3 129.3

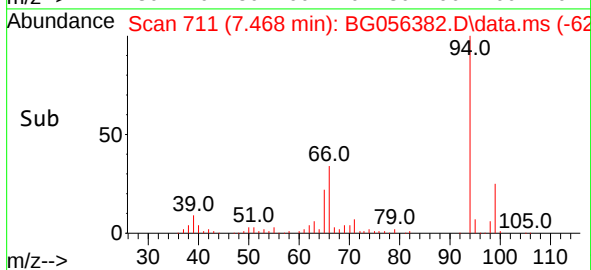
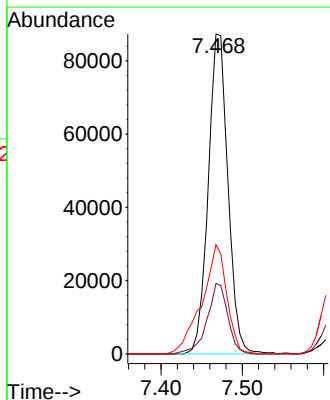
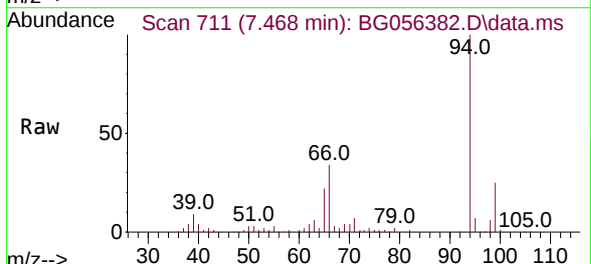
Manual Integrations
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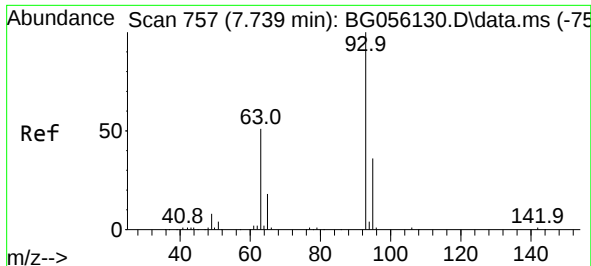
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#10
Phenol
Concen: 52.967 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion: 94 Resp: 147244
Ion Ratio Lower Upper
94 100
65 22.0 4.3 44.3
66 34.1 13.2 53.2





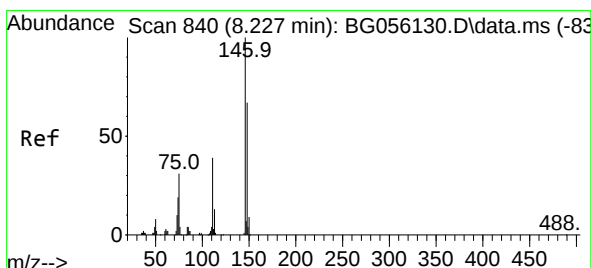
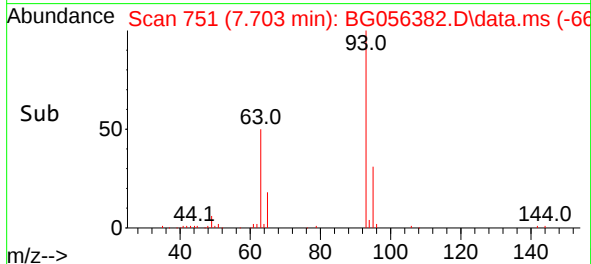
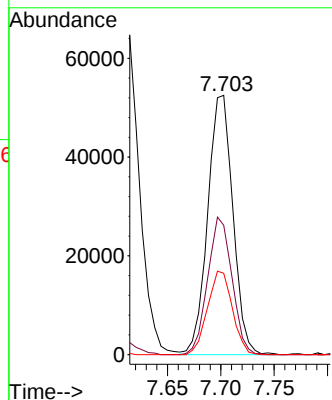
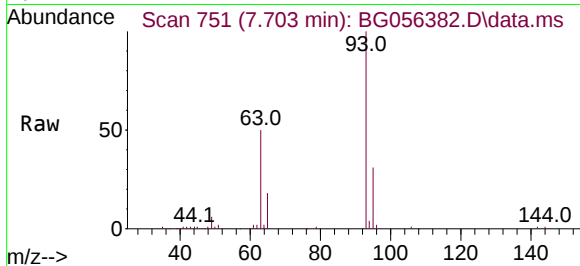
#11
bis(2-Chloroethyl)ether
Concen: 45.877 ng
RT: 7.703 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :
BNA_G
ClientSampleId :
PB150301BS

Tgt Ion: 93 Resp: 86426
Ion Ratio Lower Upper
93 100
63 49.9 30.5 70.5
95 31.4 15.9 55.9

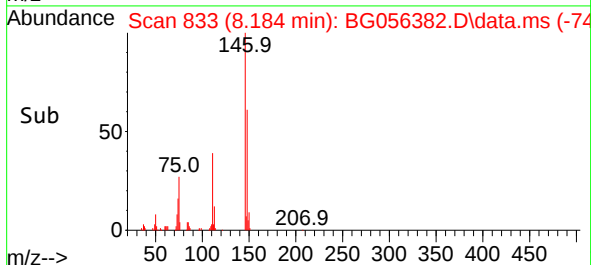
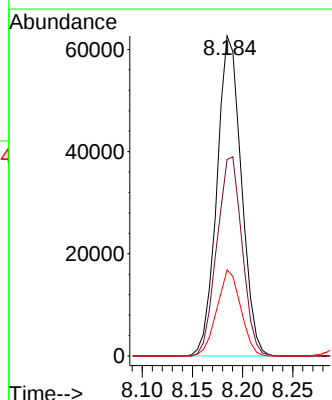
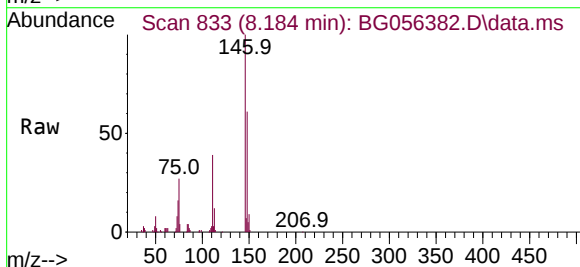
Manual Integrations
APPROVED

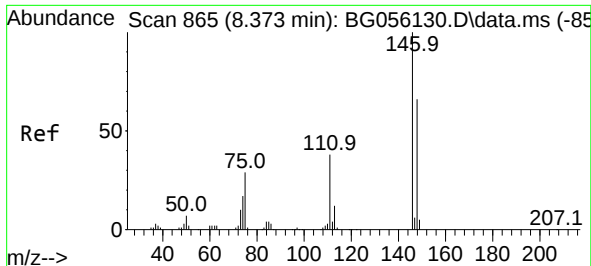
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#12
1,3-Dichlorobenzene
Concen: 49.163 ng
RT: 8.184 min Scan# 833
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion:146 Resp: 106277
Ion Ratio Lower Upper
146 100
148 61.4 53.5 80.3
75 26.9 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 49.323 ng
RT: 8.337 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

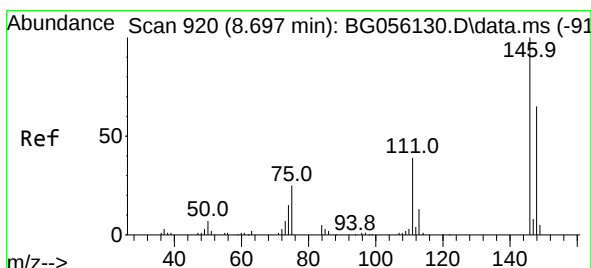
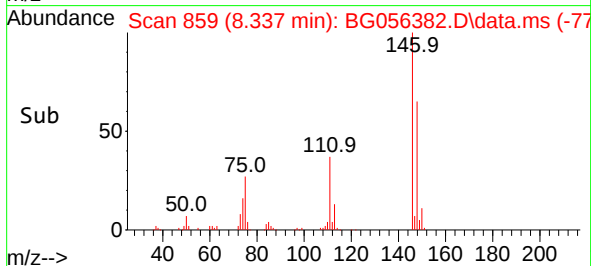
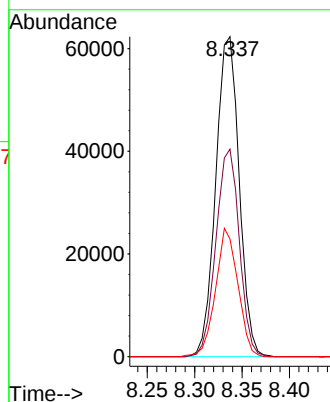
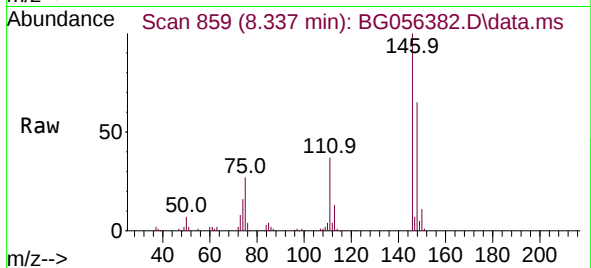
PB150301BS

Tgt Ion:146 Resp: 107070
Ion Ratio Lower Upper
146 100
148 64.8 52.8 79.2
111 36.8 30.5 45.7

Manual Integrations

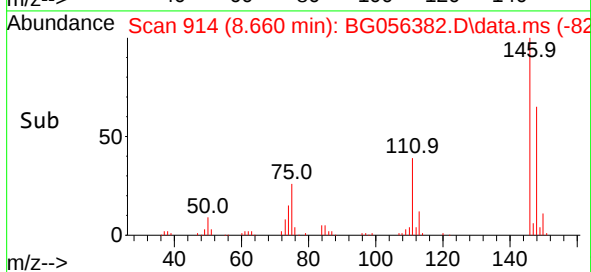
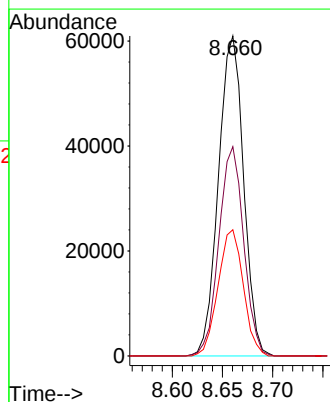
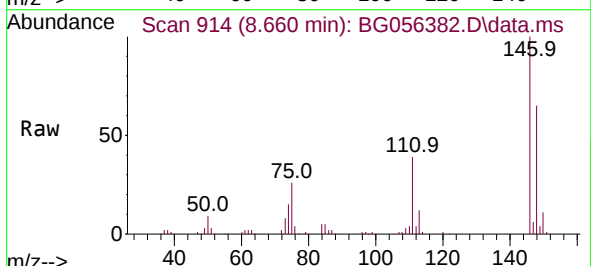
APPROVED

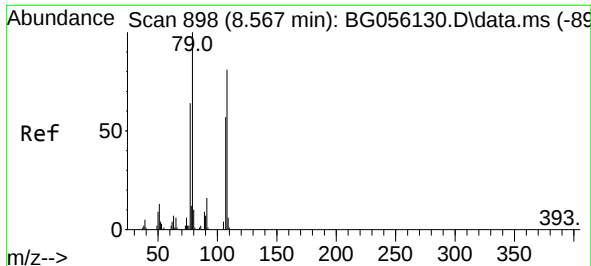
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#14
1,2-Dichlorobenzene
Concen: 50.790 ng
RT: 8.660 min Scan# 914
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

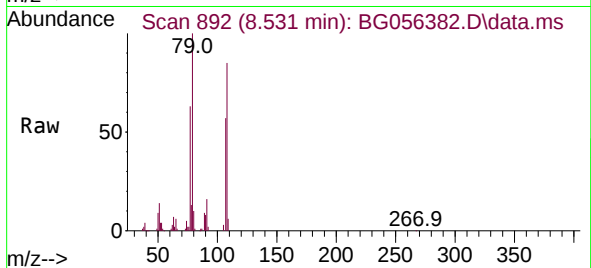
Tgt Ion:146 Resp: 106383
Ion Ratio Lower Upper
146 100
148 65.4 51.7 77.5
111 39.5 31.5 47.3





#15
Benzyl Alcohol
Concen: 48.979 ng
RT: 8.531 min Scan# 898
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

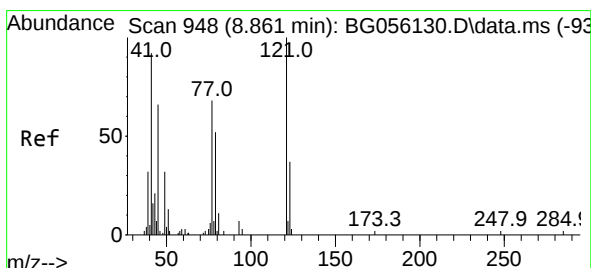
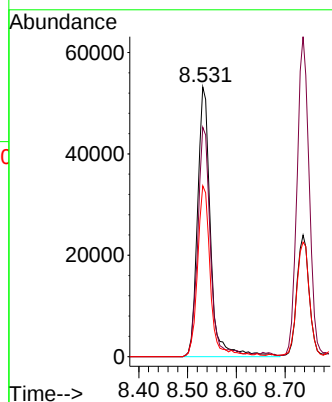
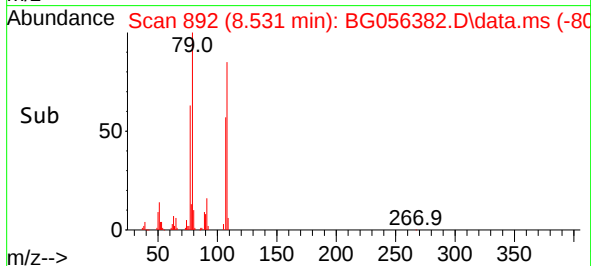
Instrument :
BNA_G
Client Sample Id :
PB150301BS



Tgt Ion: 79 Resp: 97713
Ion Ratio Lower Upper
79 100
108 85.1 64.7 97.1
77 63.3 51.5 77.3

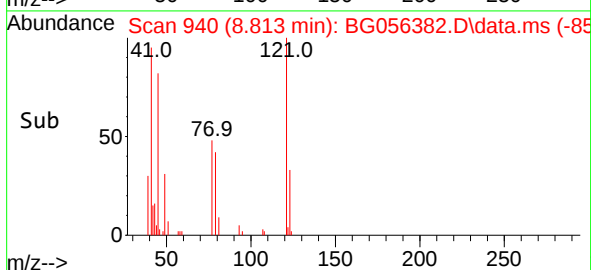
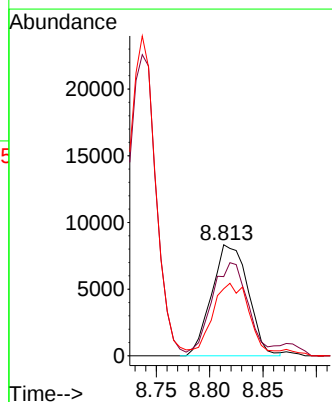
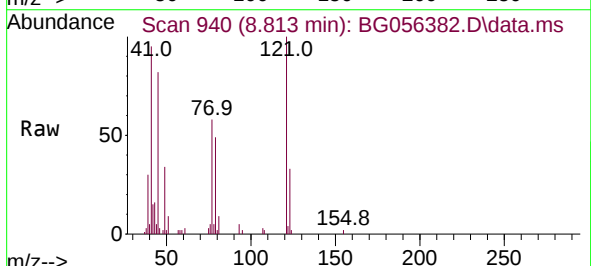
Manual Integrations
APPROVED

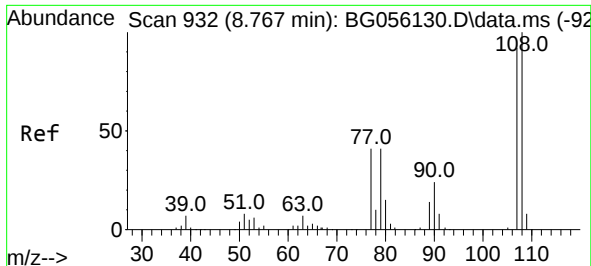
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.443 ng
RT: 8.813 min Scan# 940
Delta R.T. -0.016 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion: 45 Resp: 19789
Ion Ratio Lower Upper
45 100
77 71.3 88.2 128.2#
79 60.3 61.2 101.2#





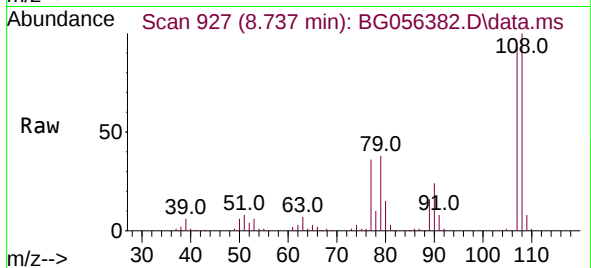
#17
2-Methylphenol
Concen: 49.048 ng
RT: 8.737 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

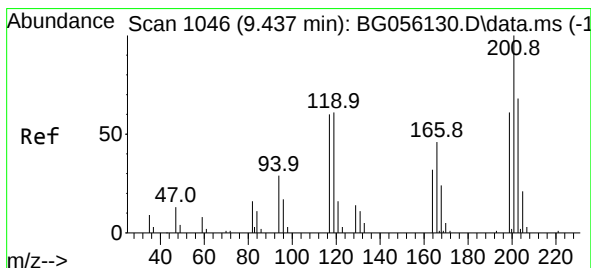
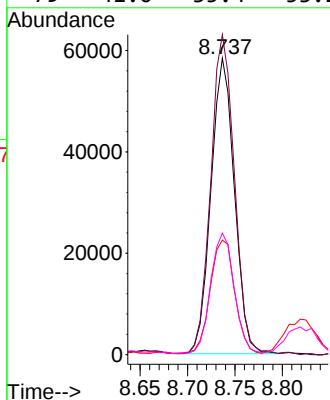
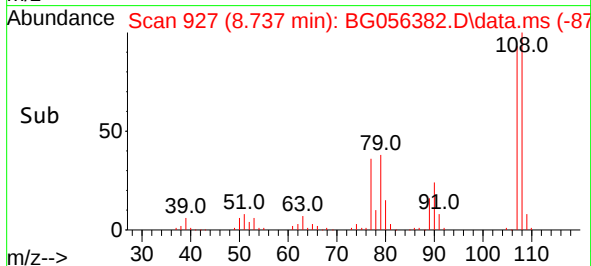


Tgt Ion:107 Resp: 100050
Ion Ratio Lower Upper
107 100
108 108.0 86.6 129.8
77 38.6 35.4 53.2
79 41.0 35.4 53.2

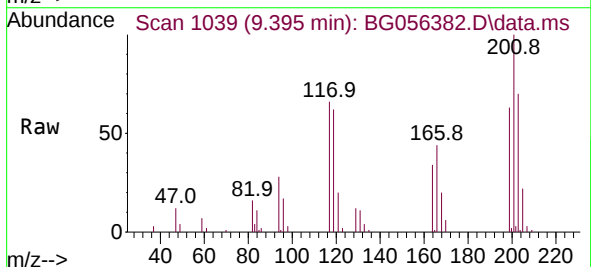
Manual Integrations

APPROVED

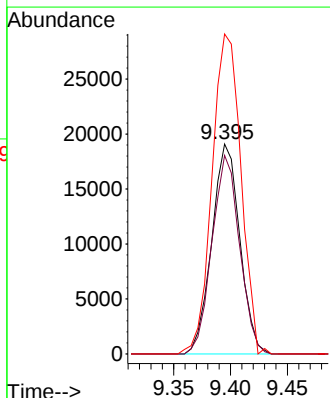
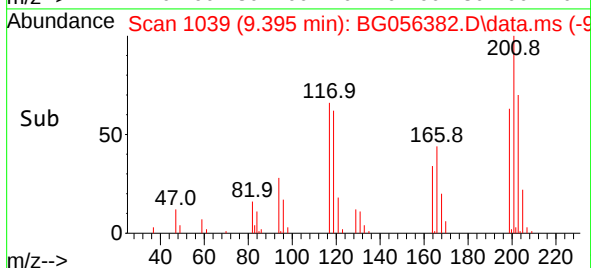
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

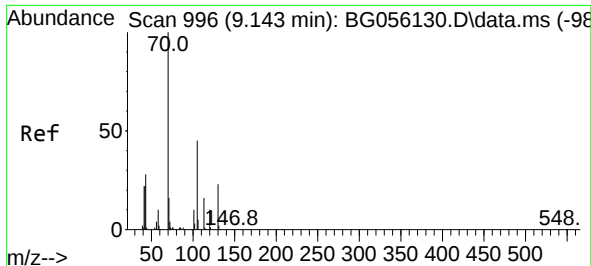


#18
Hexachloroethane
Concen: 49.475 ng
RT: 9.395 min Scan# 1039
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



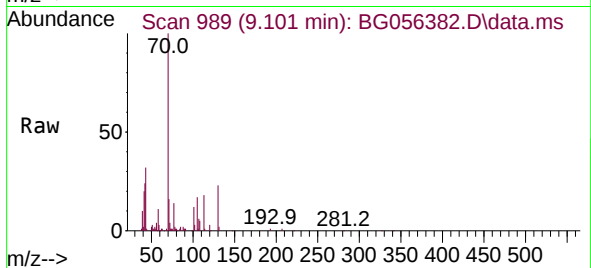
Tgt Ion:117 Resp: 32627
Ion Ratio Lower Upper
117 100
119 94.6 81.8 122.6
201 156.8 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.718 ng
RT: 9.101 min Scan# 989
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

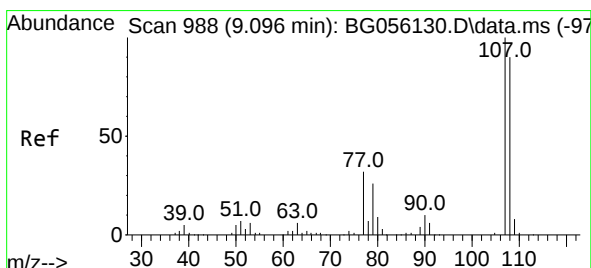
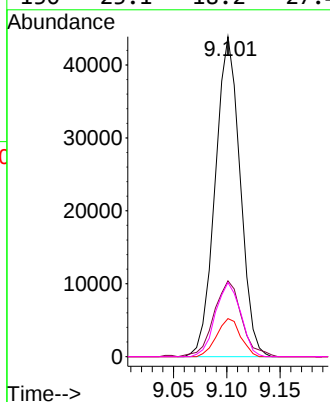
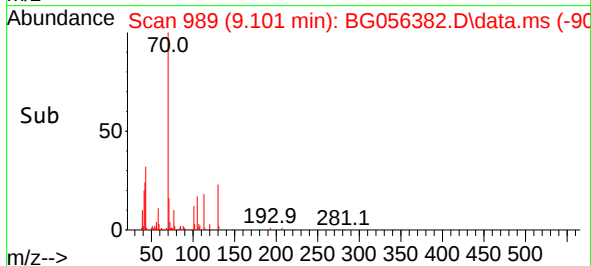
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion: 70 Resp: 71205
Ion Ratio Lower Upper
70 100
42 23.7 18.2 27.2
101 11.9 8.3 12.5
130 23.1 18.2 27.4

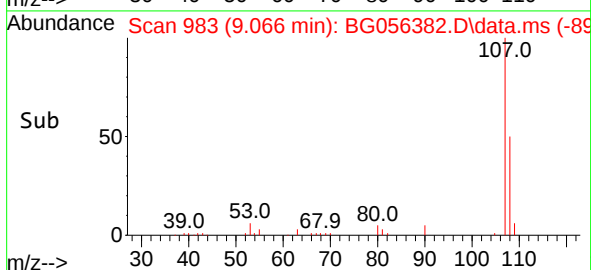
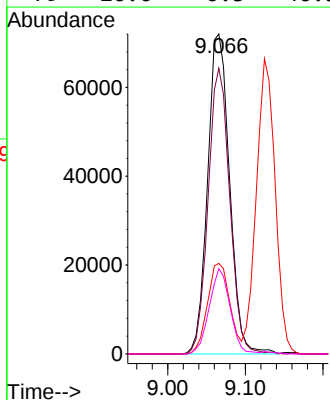
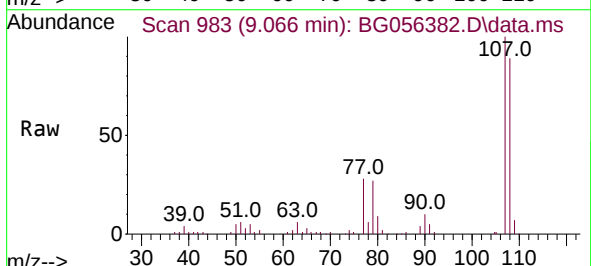
Manual Integrations
APPROVED

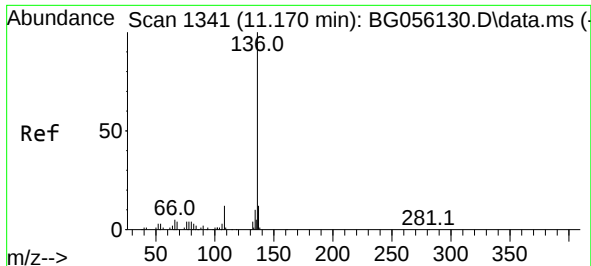
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#20
3+4-Methylphenols
Concen: 49.489 ng
RT: 9.066 min Scan# 983
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion:107 Resp: 141927
Ion Ratio Lower Upper
107 100
108 89.2 69.6 109.6
77 28.3 11.7 51.7
79 26.6 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

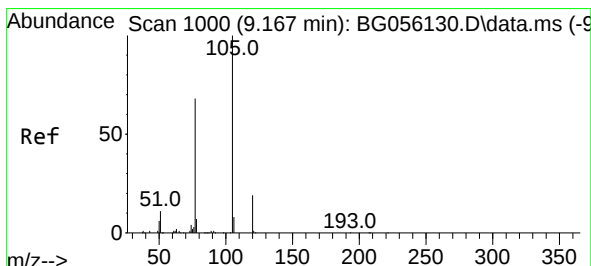
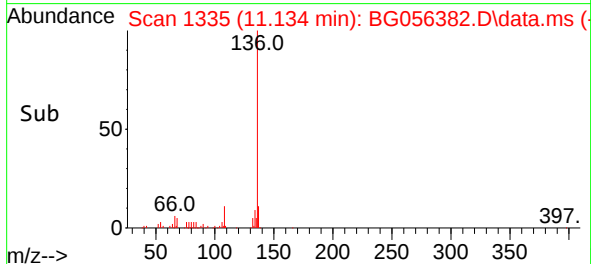
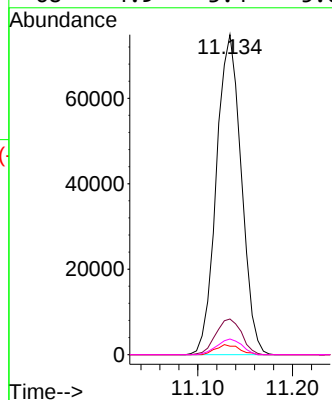
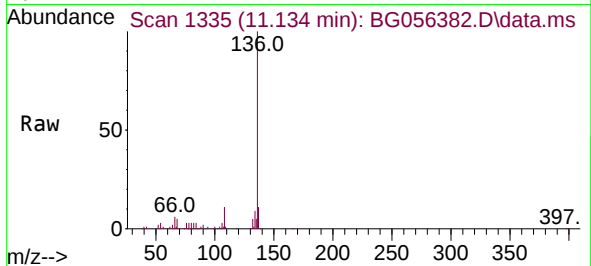
PB150301BS

Tgt Ion:136 Resp: 136455
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.6 2.2 3.2
68 4.9 3.4 5.0

Manual Integrations

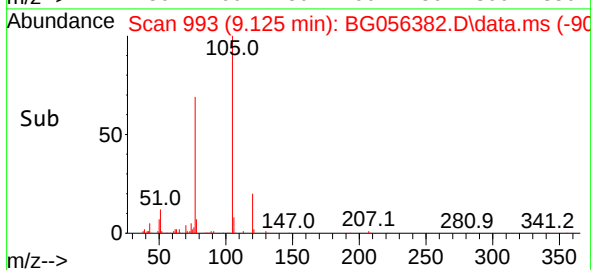
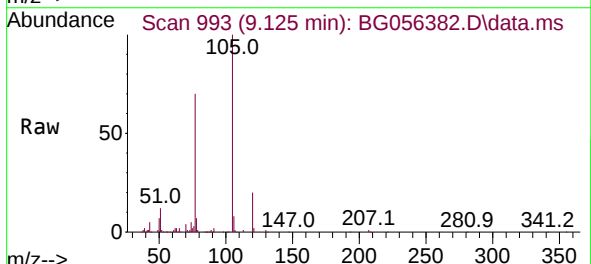
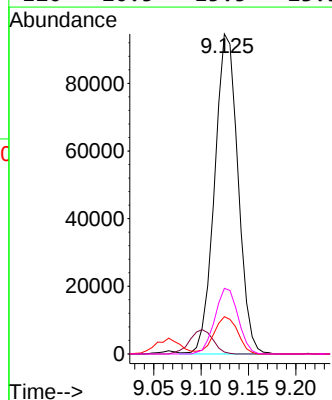
APPROVED

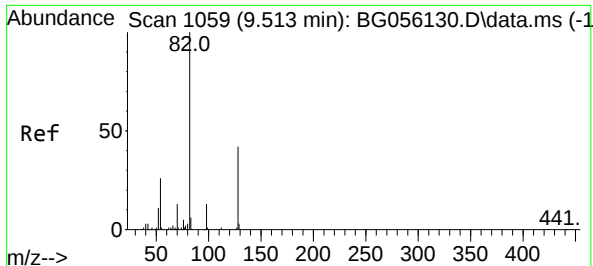
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 42.051 ng
RT: 9.125 min Scan# 993
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

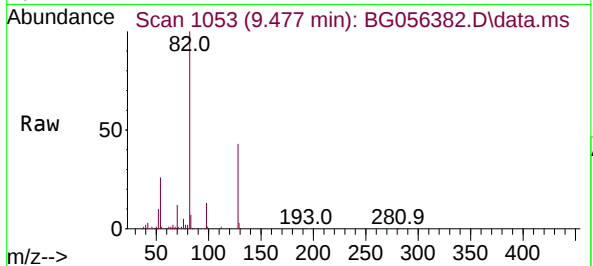
Tgt Ion:105 Resp: 162245
Ion Ratio Lower Upper
105 100
71 0.6 0.5 0.7
51 11.6 9.3 13.9
120 20.5 15.5 23.3





#23
Nitrobenzene-d5
Concen: 82.374 ng
RT: 9.477 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

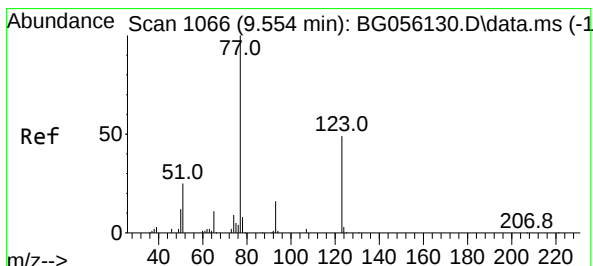
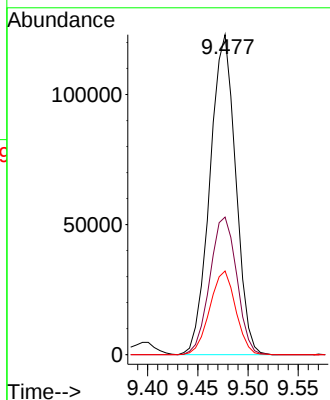
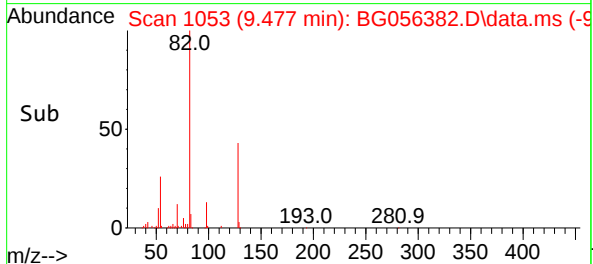
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion: 82 Resp: 21974
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.2
54 26.2 20.3 30.5

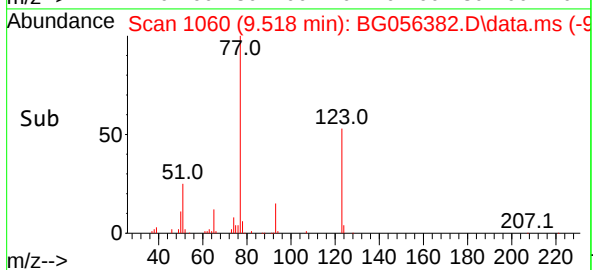
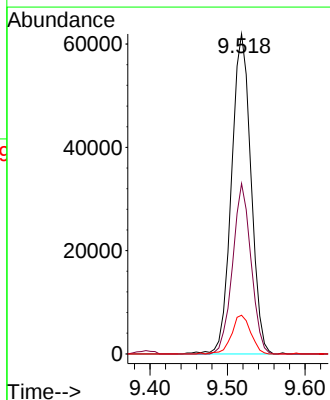
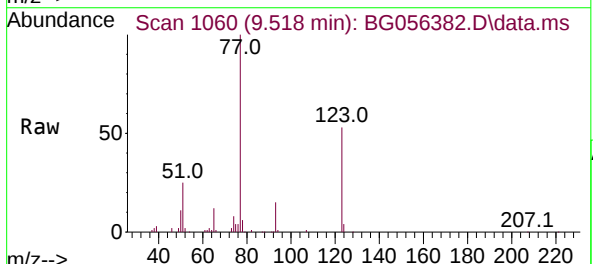
Manual Integrations
APPROVED

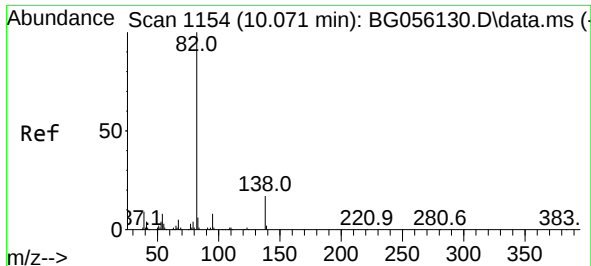
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#24
Nitrobenzene
Concen: 40.835 ng
RT: 9.518 min Scan# 1060
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

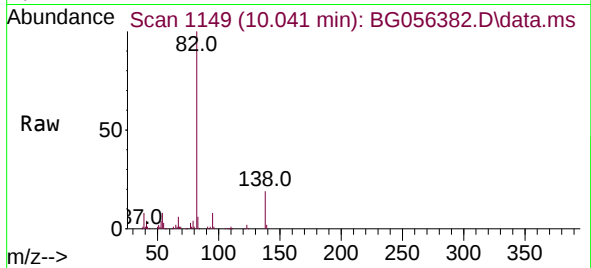
Tgt Ion: 77 Resp: 107955
Ion Ratio Lower Upper
77 100
123 53.2 38.8 58.2
65 12.1 9.1 13.7





#25
Isophorone
Concen: 38.921 ng
RT: 10.041 min Scan# 1149
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

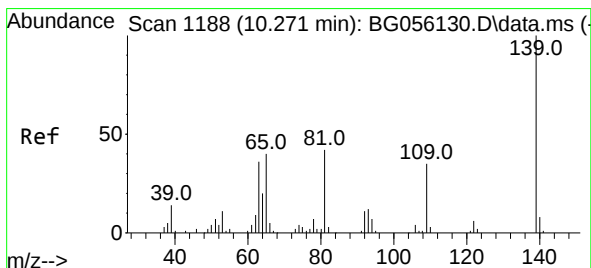
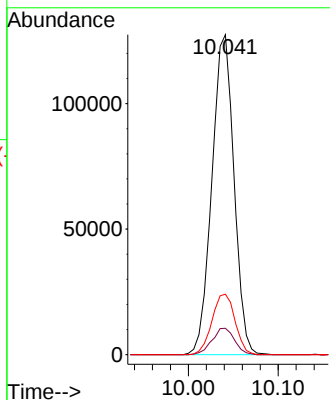
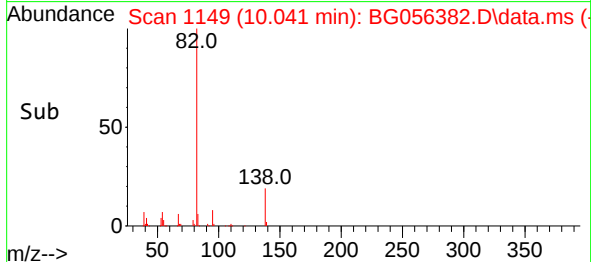
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion: 82 Resp: 218454
Ion Ratio Lower Upper
82 100
95 8.2 6.7 10.1
138 18.9 13.7 20.5

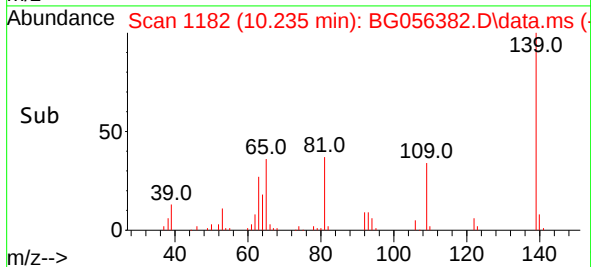
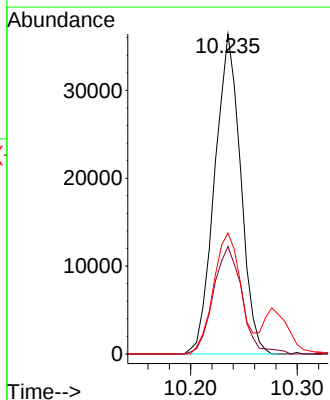
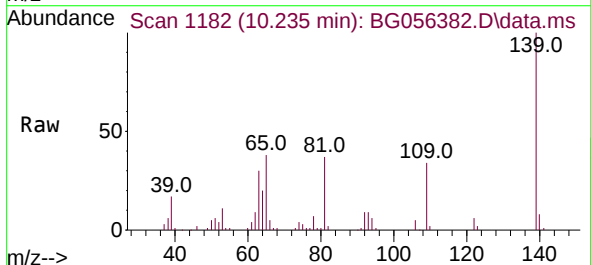
Manual Integrations
APPROVED

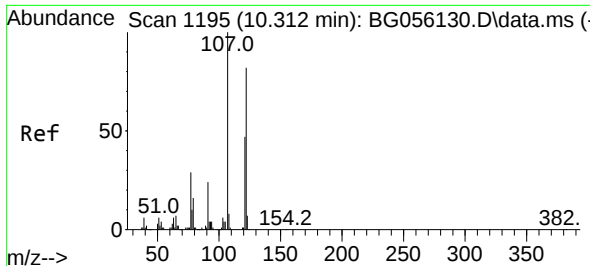
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#26
2-Nitrophenol
Concen: 45.462 ng
RT: 10.235 min Scan# 1182
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

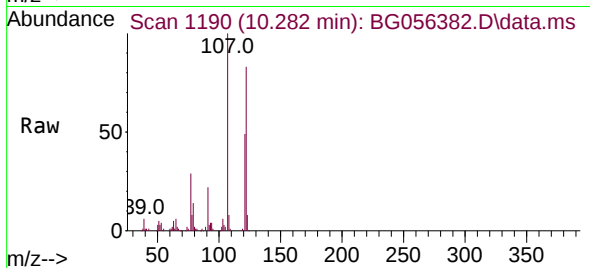
Tgt Ion:139 Resp: 61494
Ion Ratio Lower Upper
139 100
109 33.5 28.4 42.6
65 37.8 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 46.236 ng
RT: 10.282 min Scan# 1195
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

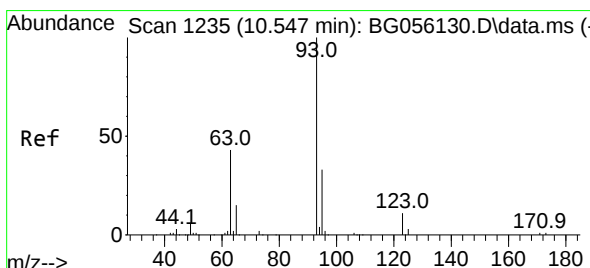
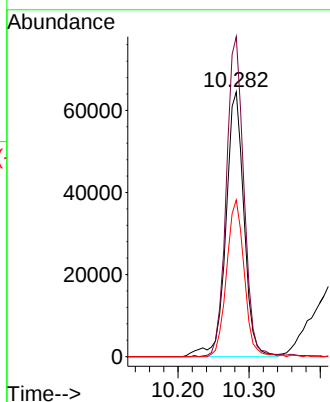
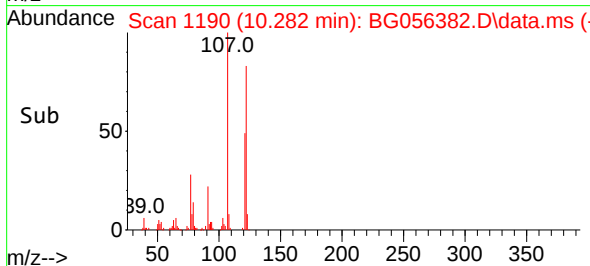
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion:122 Resp: 114062
Ion Ratio Lower Upper
122 100
107 120.9 97.5 146.3
121 59.2 45.9 68.9

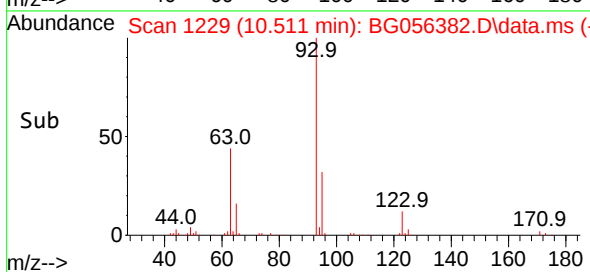
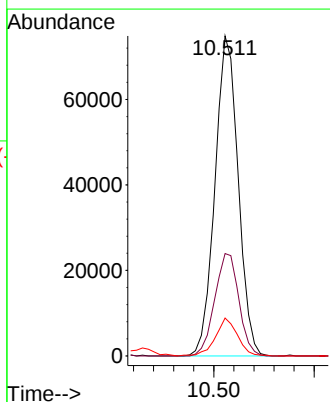
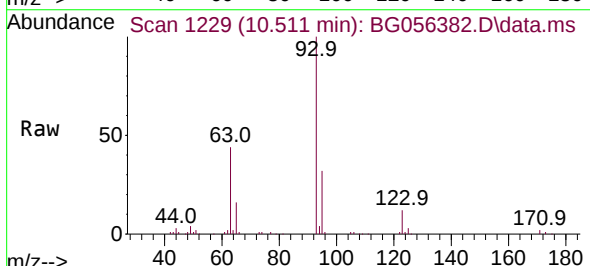
Manual Integrations
APPROVED

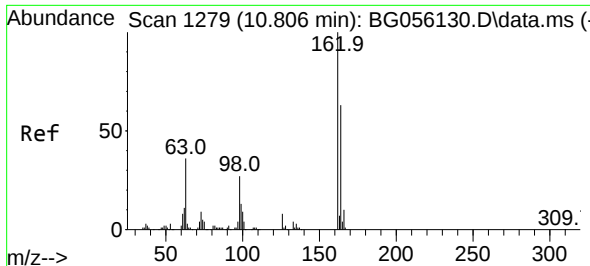
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.236 ng
RT: 10.511 min Scan# 1229
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion: 93 Resp: 120294
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.2
123 11.8 9.0 13.6





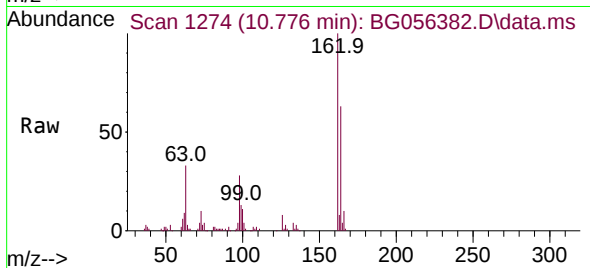
#29
2,4-Dichlorophenol
Concen: 47.517 ng
RT: 10.776 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

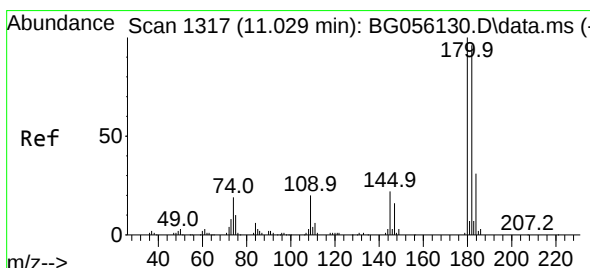
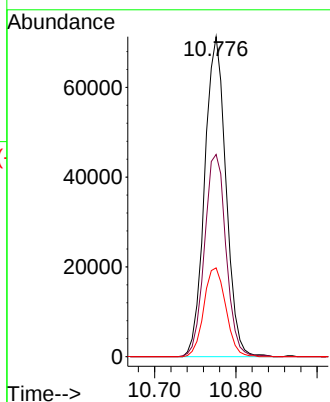
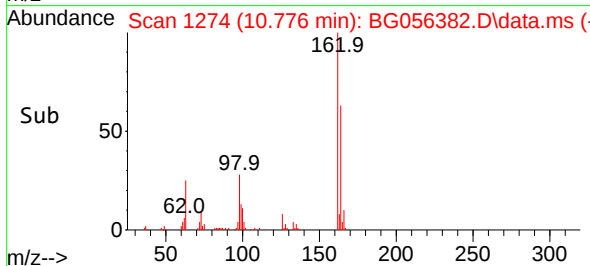


Tgt Ion:162 Resp: 129603
Ion Ratio Lower Upper
162 100
164 63.2 43.3 83.3
98 27.7 6.8 46.8

Manual Integrations

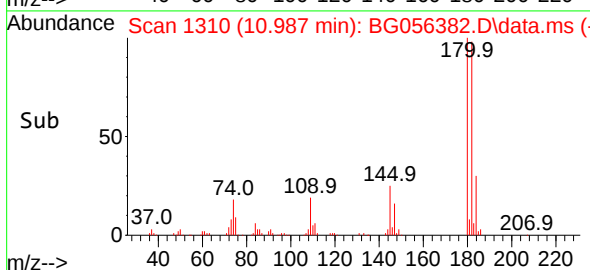
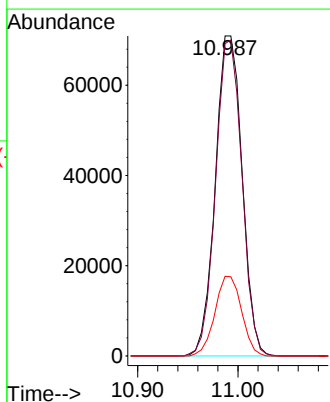
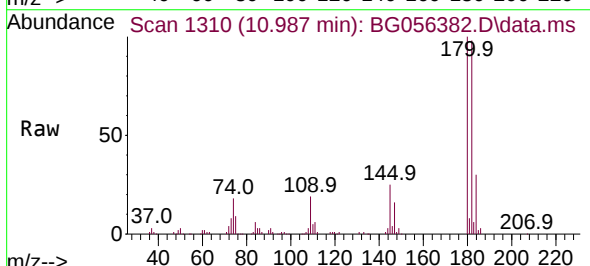
APPROVED

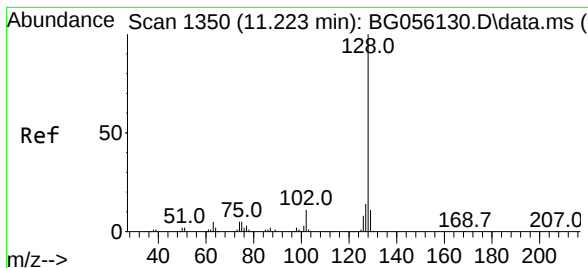
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.542 ng
RT: 10.987 min Scan# 1310
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

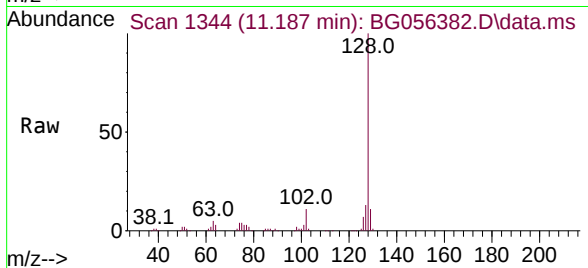
Tgt Ion:180 Resp: 131675
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.4
145 24.9 17.4 26.2





#31
Naphthalene
Concen: 44.582 ng
RT: 11.187 min Scan# 1350
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

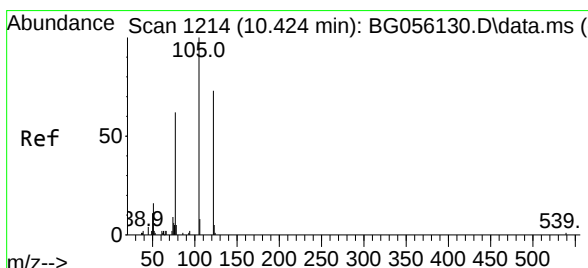
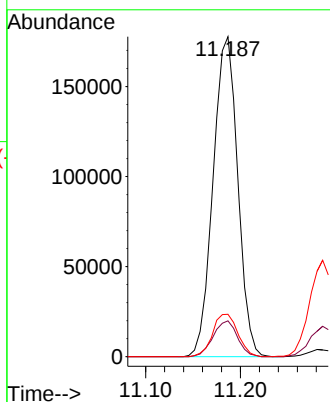
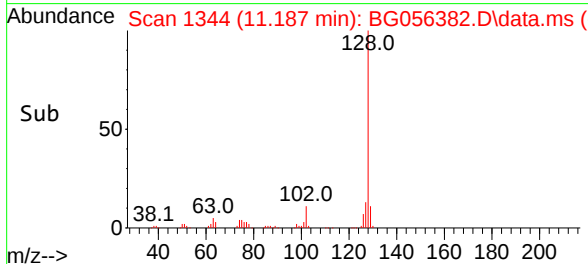
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion:128 Resp: 320160
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 11.2 16.8

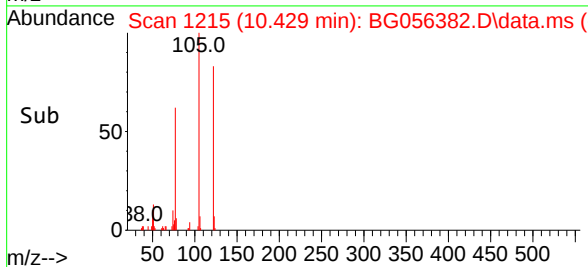
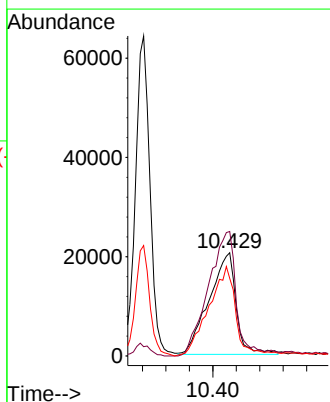
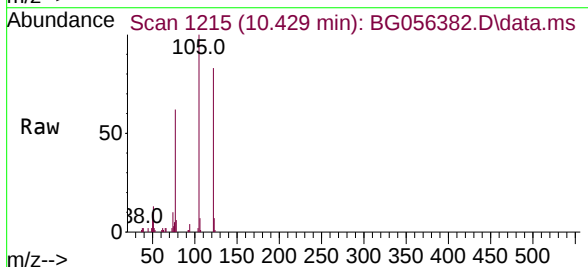
Manual Integrations
APPROVED

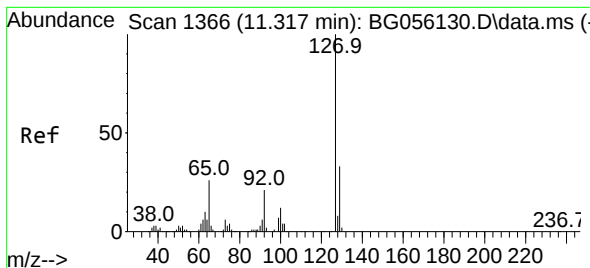
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 35.916 ng m
RT: 10.429 min Scan# 1215
Delta R.T. 0.002 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion:122 Resp: 65745
Ion Ratio Lower Upper
122 100
105 120.5 109.0 149.0
77 75.2 63.1 103.1





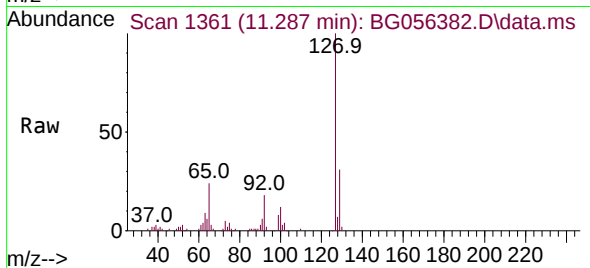
#33
4-Chloroaniline
Concen: 30.498 ng
RT: 11.287 min Scan# 1366
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

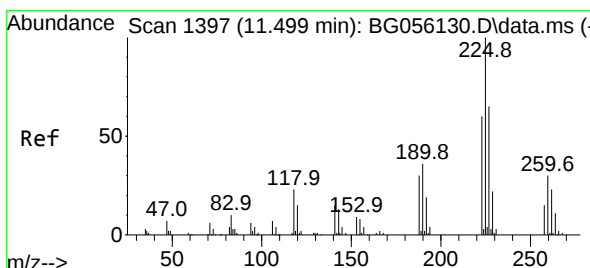
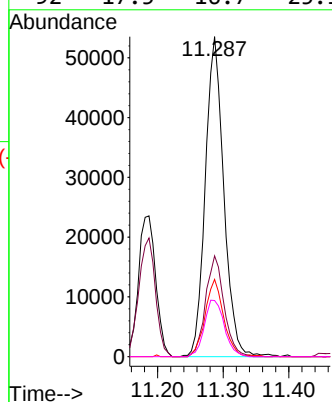
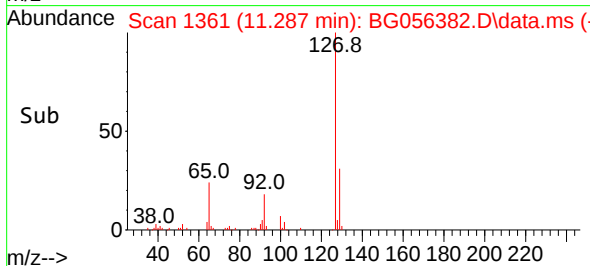


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	24.1	20.9	31.3
92	17.5	16.7	25.1

Manual Integrations

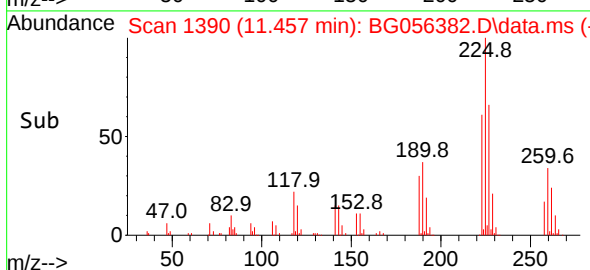
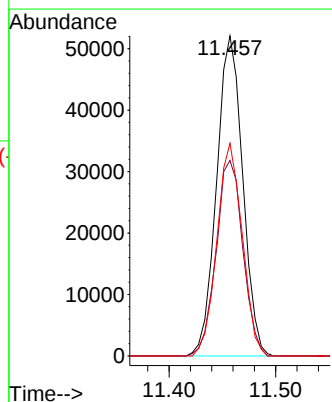
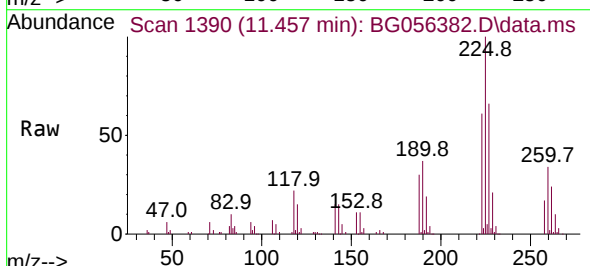
APPROVED

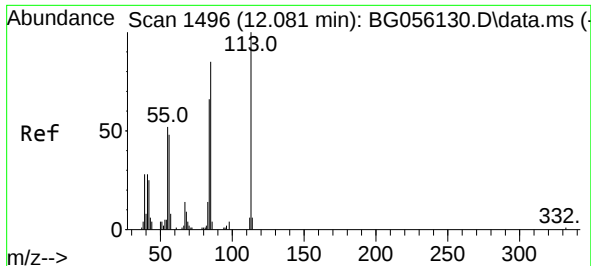
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 39.828 ng
RT: 11.457 min Scan# 1390
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

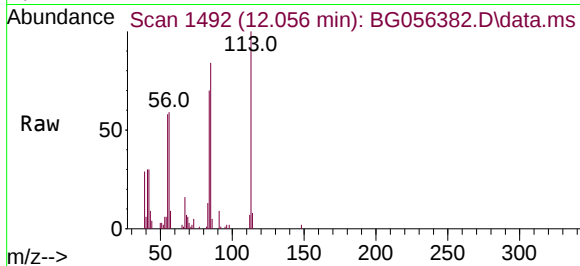
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	47.7	71.5
227	66.4	52.3	78.5





#35
Caprolactam
Concen: 47.616 ng m
RT: 12.056 min Scan# 1496
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

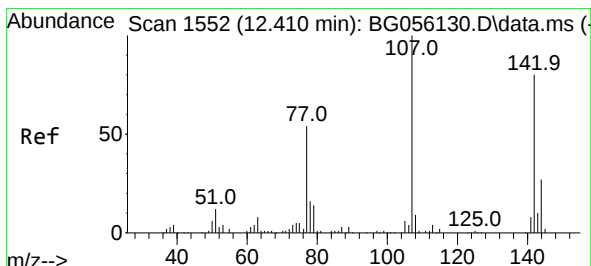
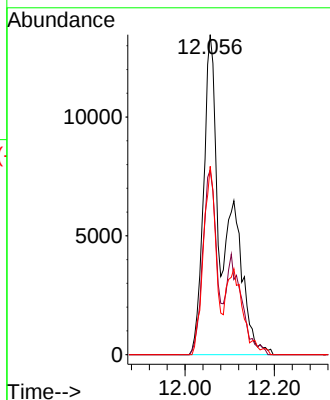
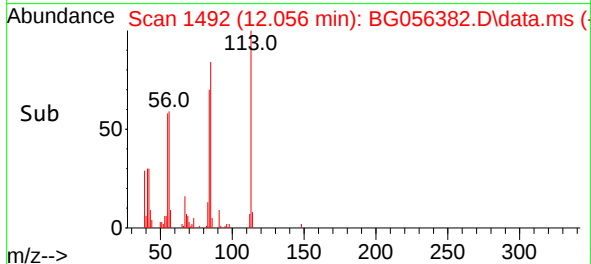
Instrument :
BNA_G
ClientSampleId :
PB150301BS



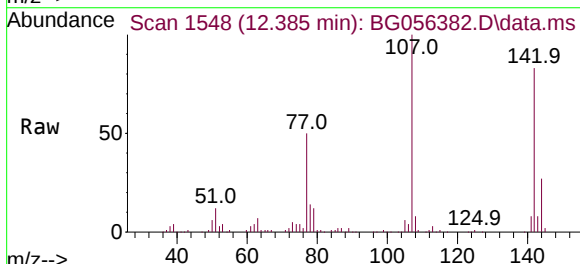
Tgt Ion:113 Resp: 4397
Ion Ratio Lower Upper
113 100
55 57.7 31.9 71.9
56 58.8 27.6 67.6

Manual Integrations
APPROVED

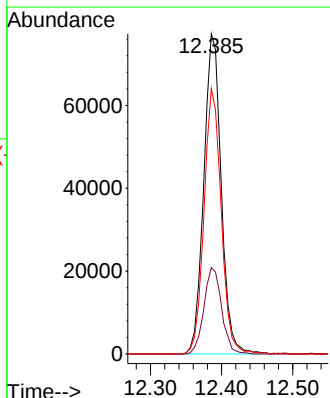
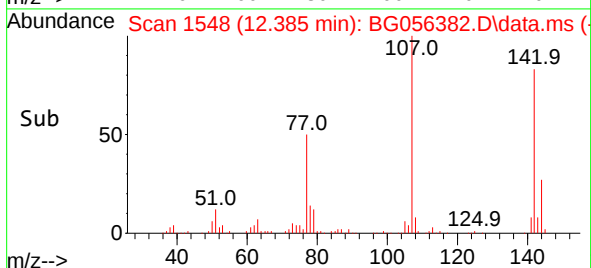
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

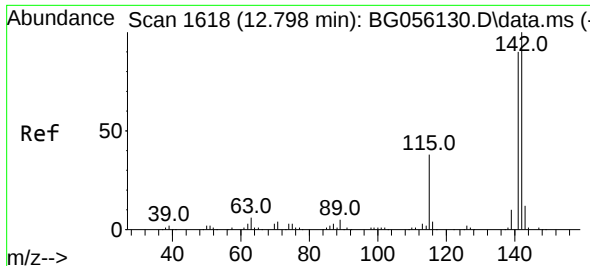


#36
4-Chloro-3-methylphenol
Concen: 47.386 ng
RT: 12.385 min Scan# 1548
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:107 Resp: 131148
Ion Ratio Lower Upper
107 100
144 27.0 21.5 32.3
142 82.9 63.8 95.6





#37
2-Methylnaphthalene
Concen: 42.543 ng
RT: 12.767 min Scan# 1613
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

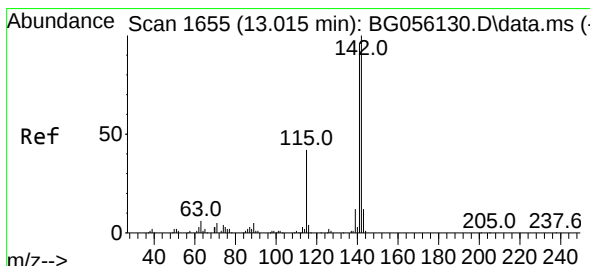
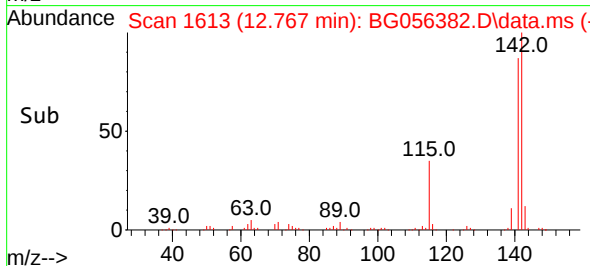
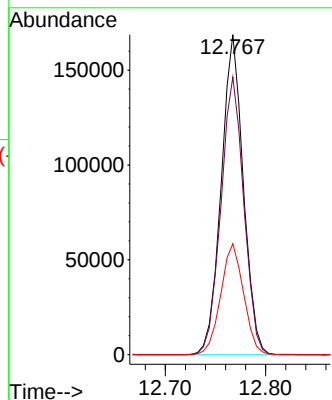
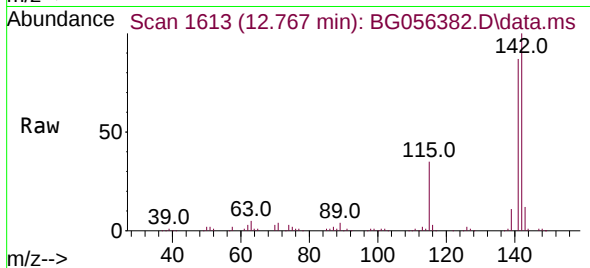
PB150301BS

Tgt Ion:142 Resp: 257970
Ion Ratio Lower Upper
142 100
141 86.7 72.2 108.4
115 34.7 30.7 46.1

Manual Integrations

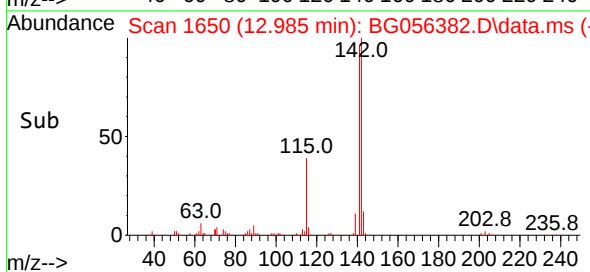
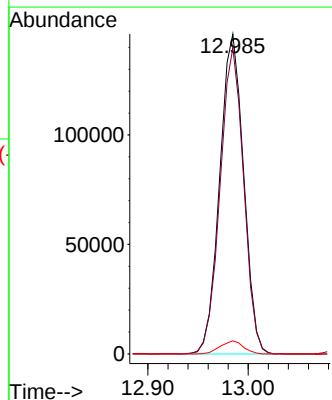
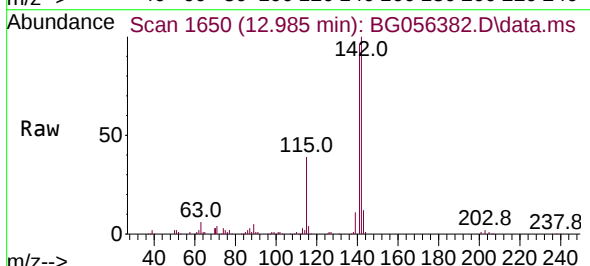
APPROVED

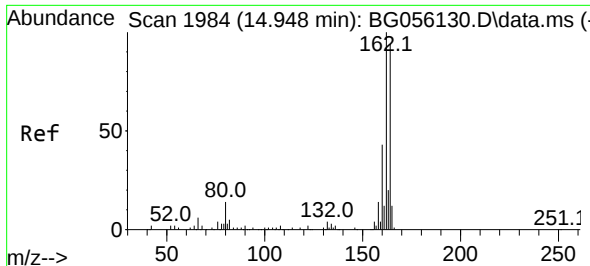
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#38
1-Methylnaphthalene
Concen: 42.878 ng
RT: 12.985 min Scan# 1650
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

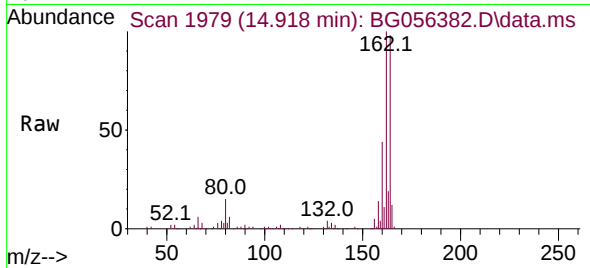
Tgt Ion:142 Resp: 241441
Ion Ratio Lower Upper
142 100
141 95.6 77.0 115.6
116 4.1 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.918 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

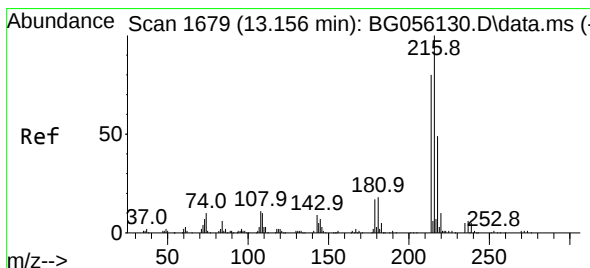
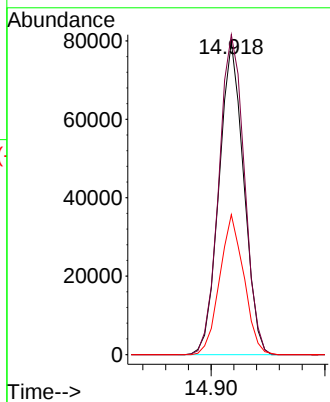
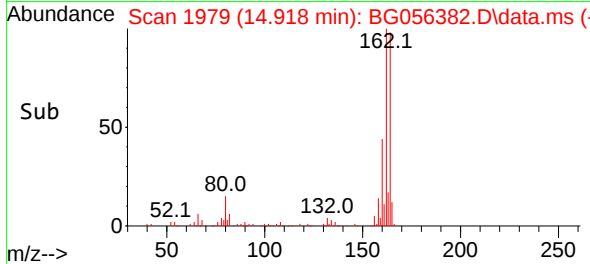
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion:164 Resp: 119930
Ion Ratio Lower Upper
164 100
162 102.2 84.7 127.1
160 44.7 36.3 54.5

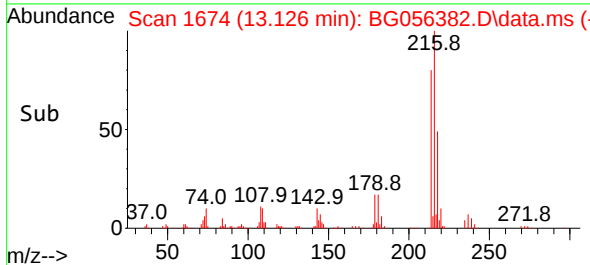
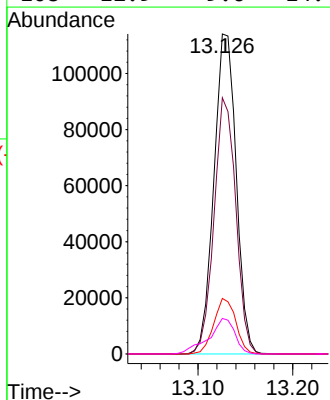
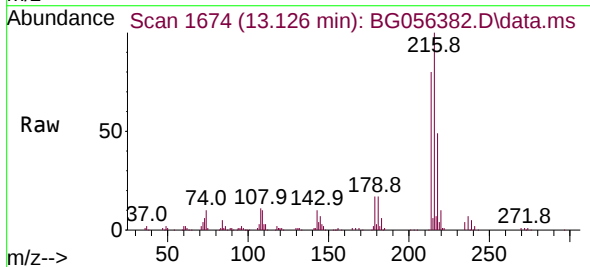
Manual Integrations
APPROVED

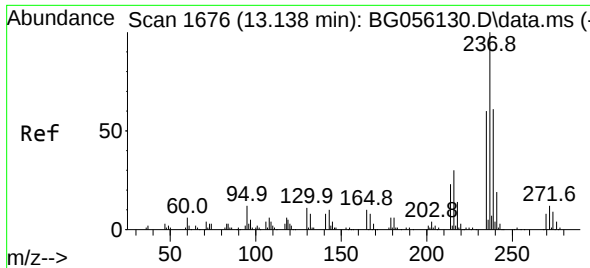
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.509 ng
RT: 13.126 min Scan# 1674
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

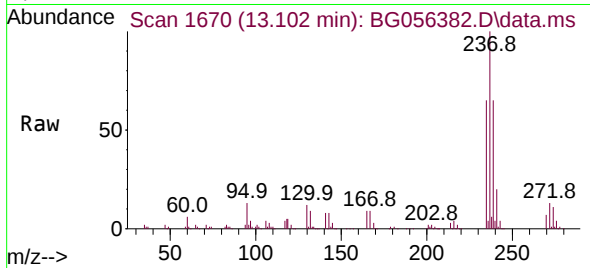
Tgt Ion:216 Resp: 186579
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.0
179 17.0 13.6 20.4
108 12.9 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 83.605 ng
RT: 13.102 min Scan# 1676
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

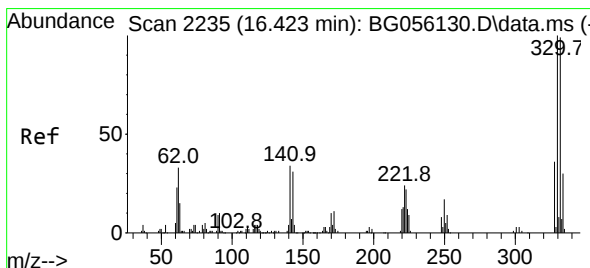
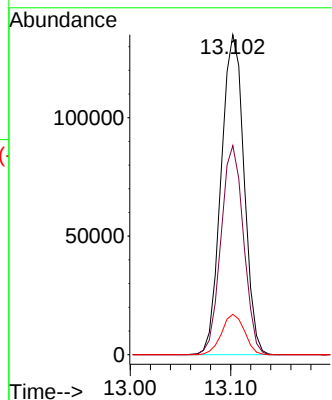
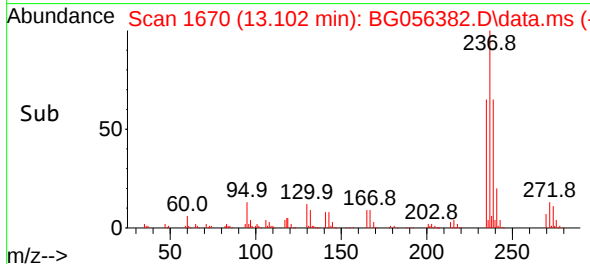
Instrument :
BNA_G
ClientSampleId :
PB150301BS



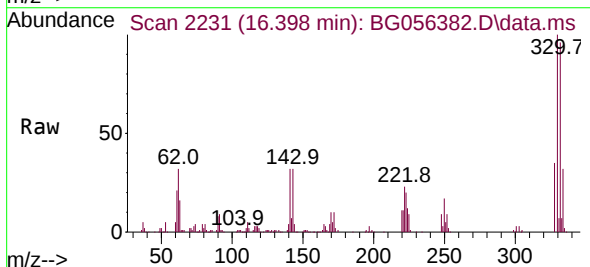
Tgt Ion:237 Resp: 214254
Ion Ratio Lower Upper
237 100
235 65.3 40.3 80.3
272 12.6 0.0 32.5

Manual Integrations
APPROVED

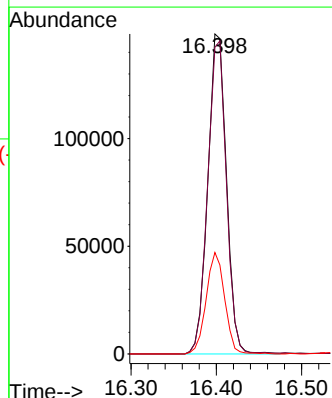
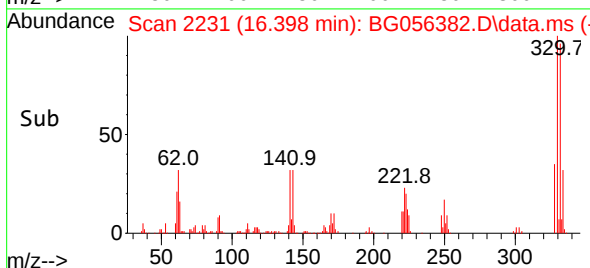
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

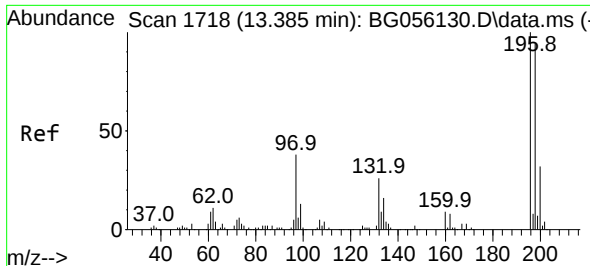


#42
2,4,6-Tribromophenol
Concen: 148.721 ng
RT: 16.398 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



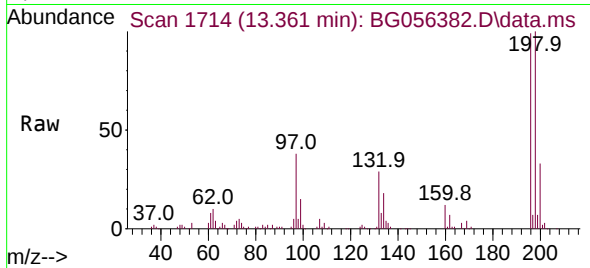
Tgt Ion:330 Resp: 225891
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 31.3 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 44.105 ng
RT: 13.361 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

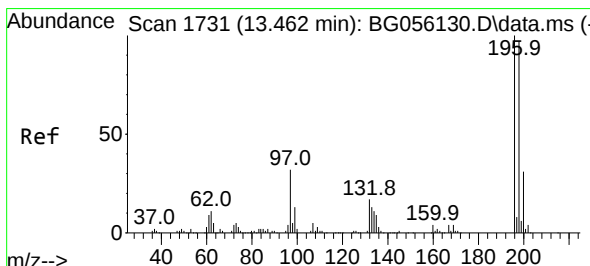
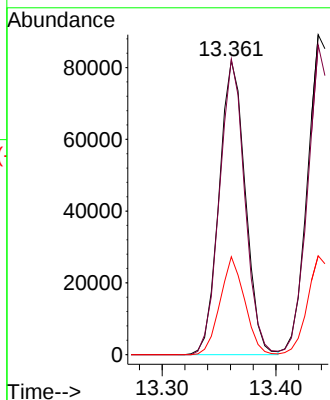
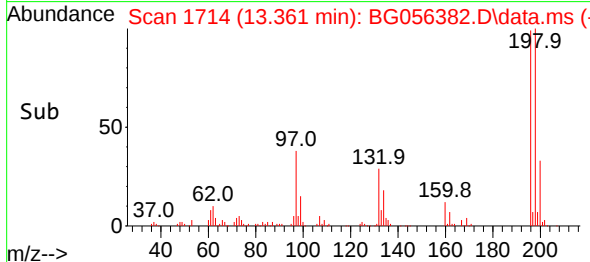
Instrument :
BNA_G
ClientSampleId :
PB150301BS



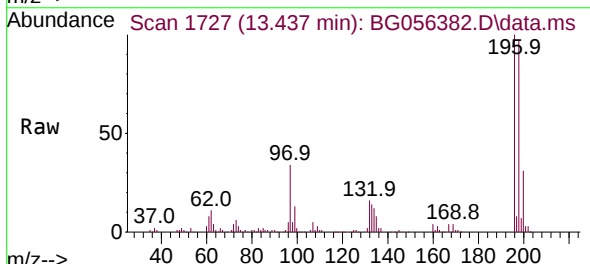
Tgt Ion:196 Resp: 131091
Ion Ratio Lower Upper
196 100
198 100.5 75.5 113.3
200 33.3 25.7 38.5

Manual Integrations
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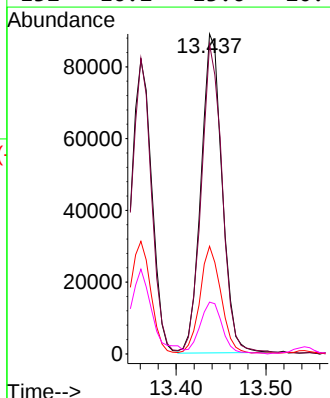
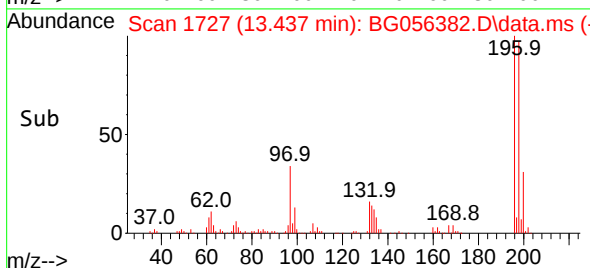
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

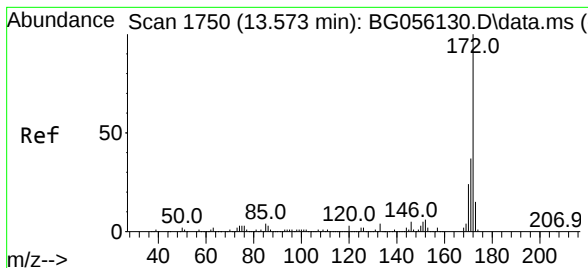


#44
2,4,5-Trichlorophenol
Concen: 41.407 ng
RT: 13.437 min Scan# 1727
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:196 Resp: 145585
Ion Ratio Lower Upper
196 100
198 96.8 78.0 117.0
97 33.6 25.7 38.5
132 16.2 13.6 20.4





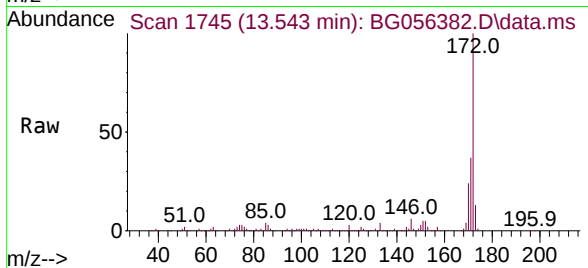
#45
2-Fluorobiphenyl
Concen: 83.189 ng
RT: 13.543 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

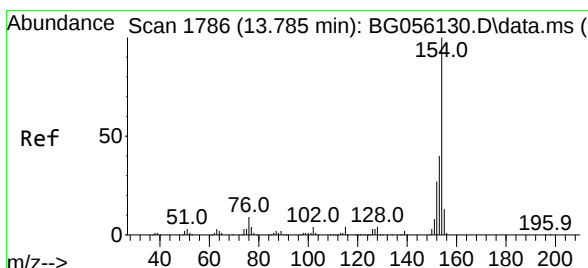
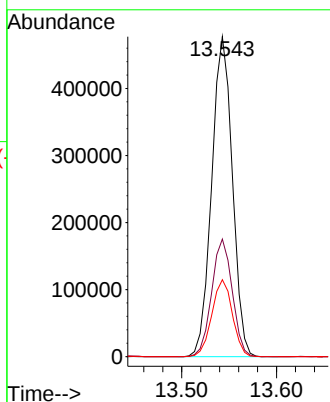
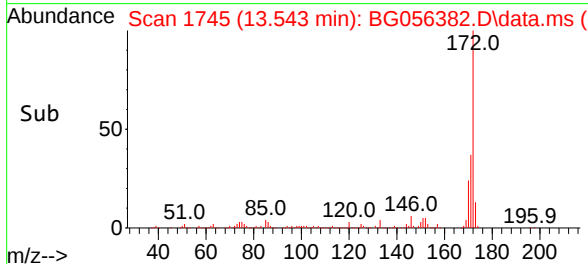


Tgt Ion:172 Resp: 722489
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.4 29.2

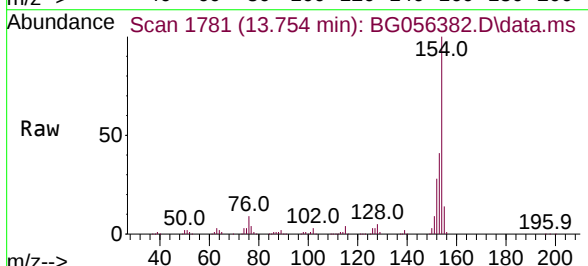
Manual Integrations

APPROVED

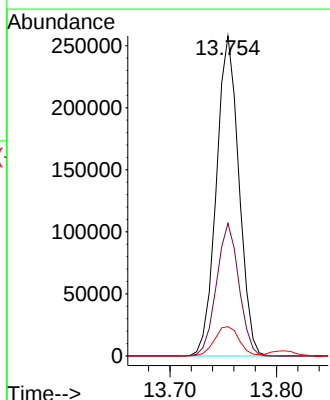
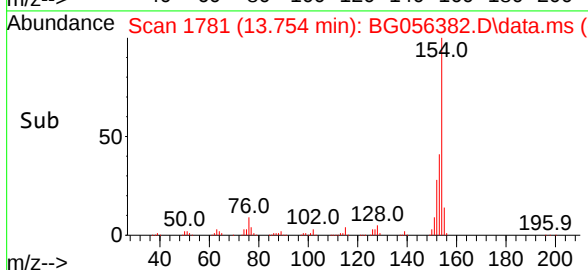
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

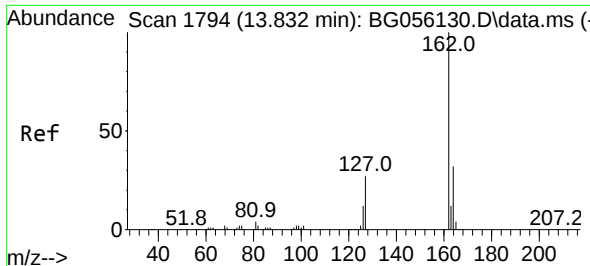


#46
1,1'-Biphenyl
Concen: 44.147 ng
RT: 13.754 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



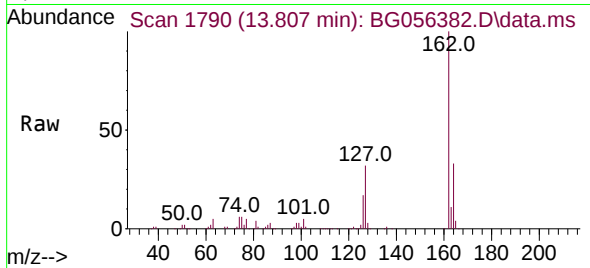
Tgt Ion:154 Resp: 379180
Ion Ratio Lower Upper
154 100
153 41.4 20.0 60.0
76 9.1 0.0 29.3





#47
2-Chloronaphthalene
Concen: 44.502 ng
RT: 13.807 min Scan# 1794
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

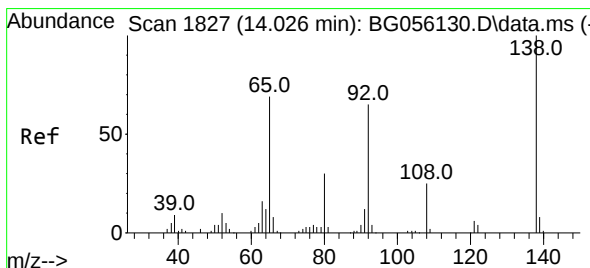
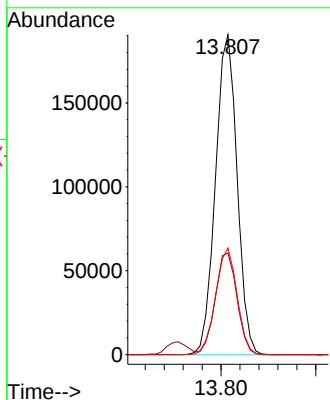
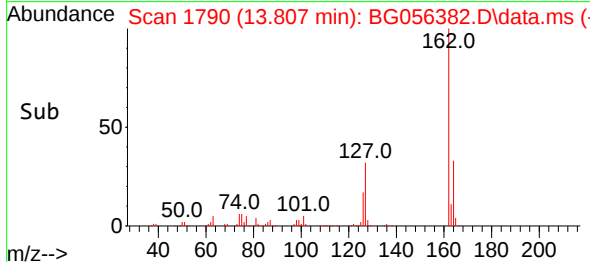
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion:162 Resp: 301696
Ion Ratio Lower Upper
162 100
127 31.8 24.6 36.8
164 33.3 25.8 38.8

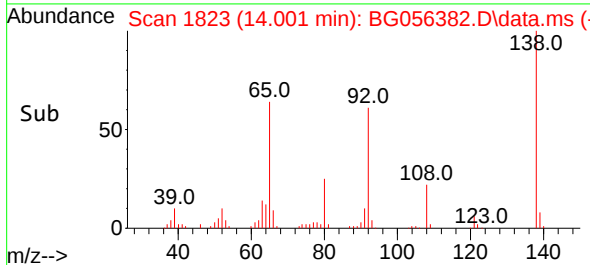
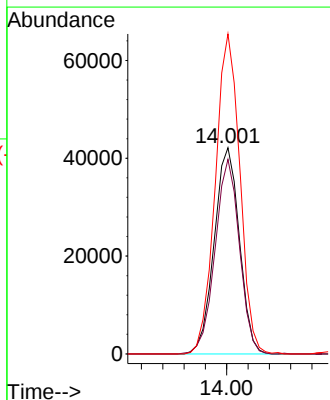
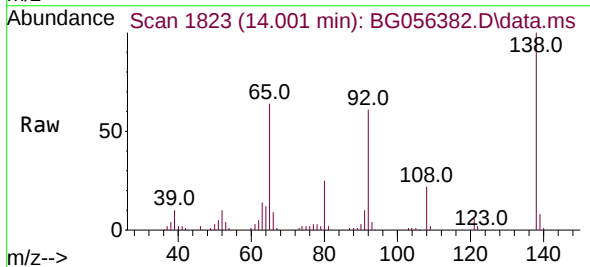
Manual Integrations
APPROVED

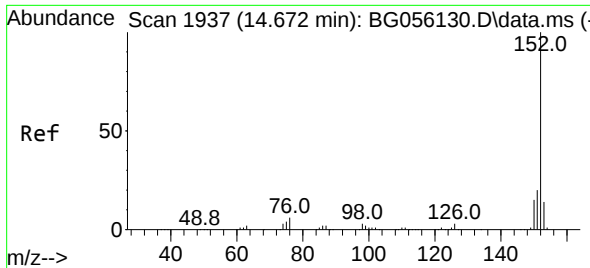
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#48
2-Nitroaniline
Concen: 47.919 ng
RT: 14.001 min Scan# 1823
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion: 65 Resp: 69216
Ion Ratio Lower Upper
65 100
92 94.3 76.0 114.0
138 155.2 116.6 174.8





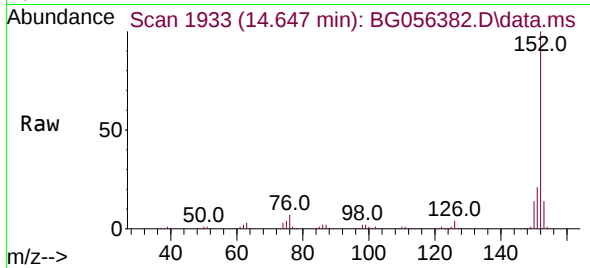
#49
Acenaphthylene
Concen: 44.699 ng
RT: 14.647 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

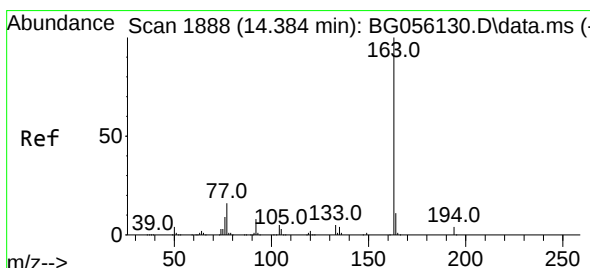
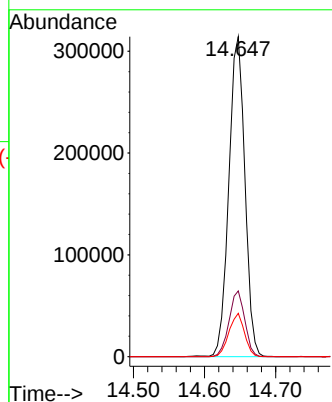
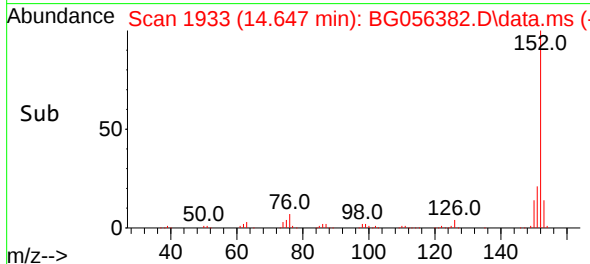


Tgt Ion:152 Resp: 493137
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.5 11.0 16.6

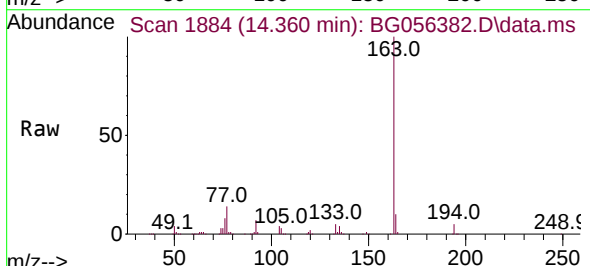
Manual Integrations

APPROVED

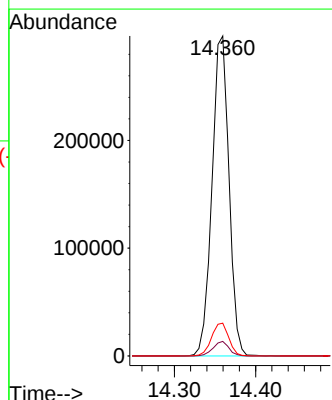
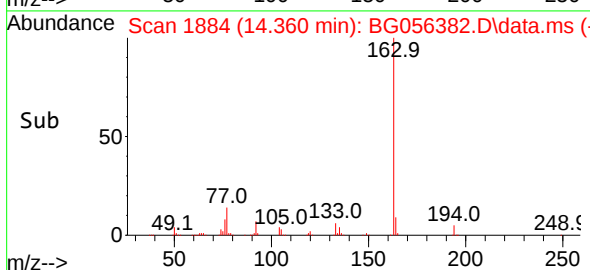
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

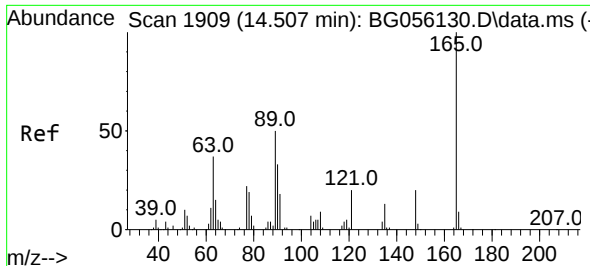


#50
Dimethylphthalate
Concen: 44.519 ng
RT: 14.360 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:163 Resp: 431014
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.2 8.7 13.1





#51
2,6-Dinitrotoluene
Concen: 45.744 ng
RT: 14.483 min Scan# 1905
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

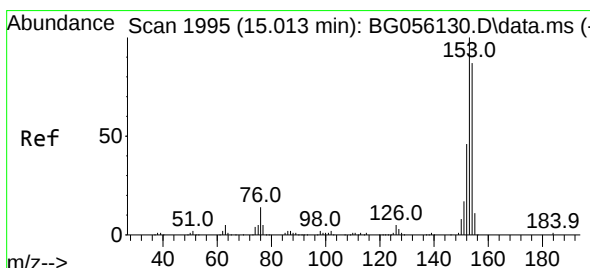
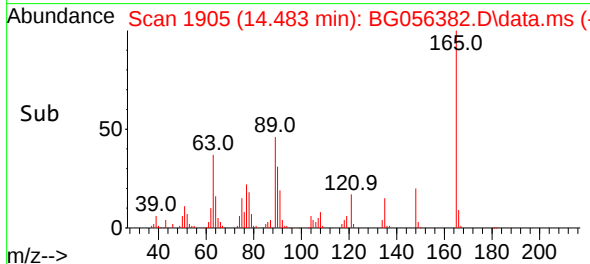
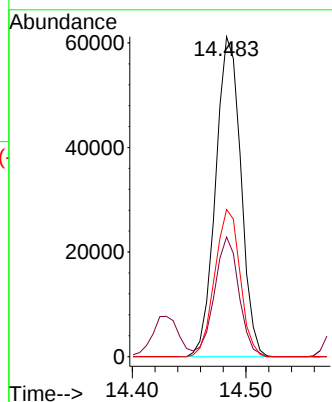
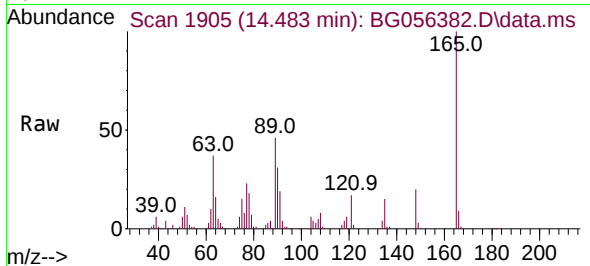
ClientSampleId :

PB150301BS

Tgt Ion:165 Resp: 94368
Ion Ratio Lower Upper
165 100
63 37.4 32.2 48.2
89 46.0 39.8 59.8

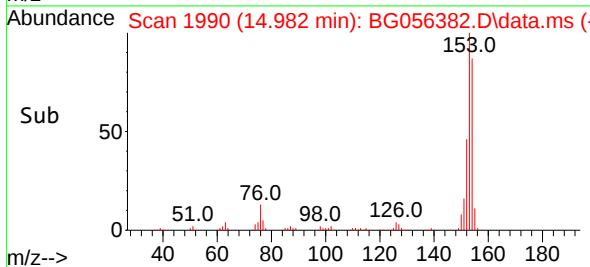
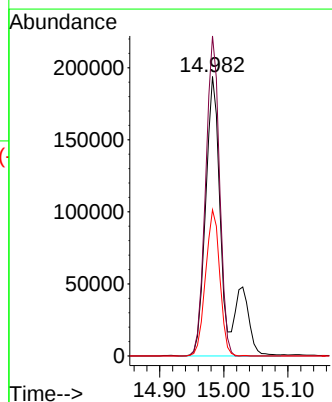
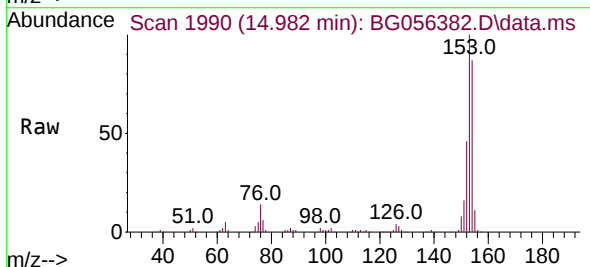
Manual Integrations
APPROVED

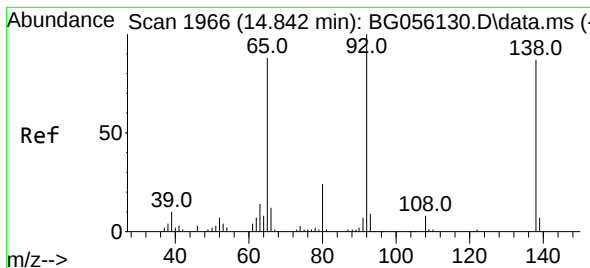
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 51.547 ng m
RT: 14.982 min Scan# 1990
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

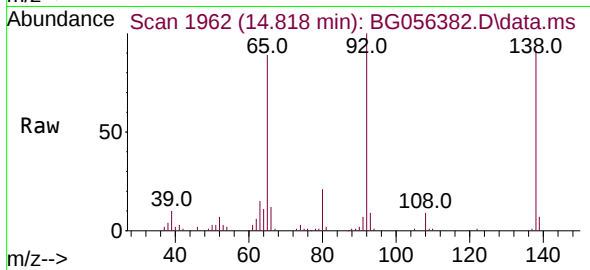
Tgt Ion:154 Resp: 369869
Ion Ratio Lower Upper
154 100
153 114.5 92.0 138.0
152 52.3 42.5 63.7





#53
3-Nitroaniline
Concen: 33.775 ng
RT: 14.818 min Scan# 1962
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

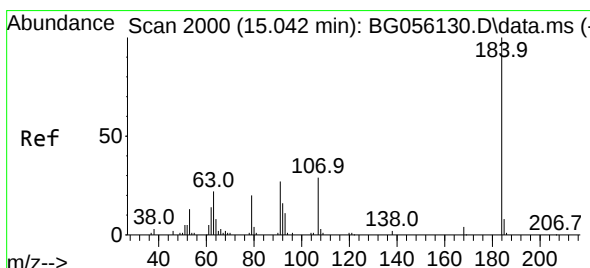
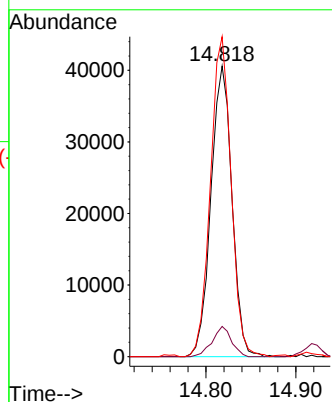
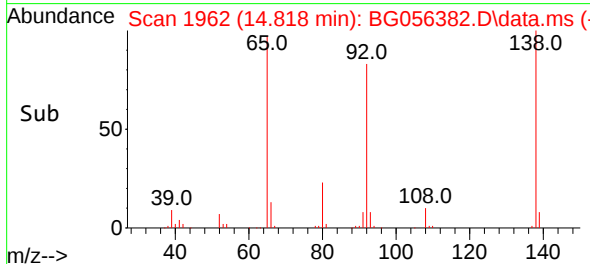
Instrument :
BNA_G
ClientSampleId :
PB150301BS



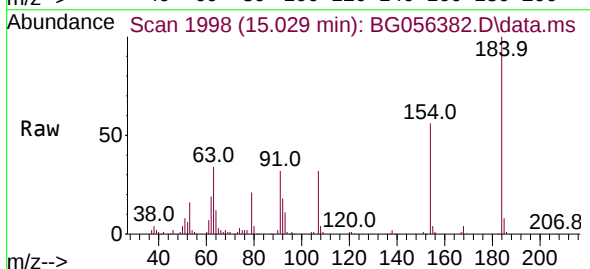
Tgt Ion:138 Resp: 66312
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 110.1 91.7 137.5

Manual Integrations
APPROVED

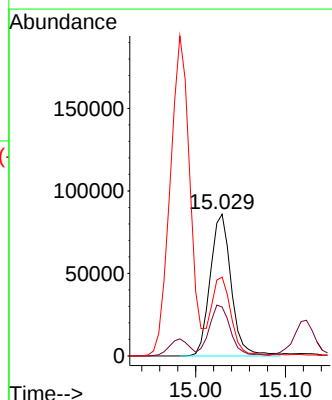
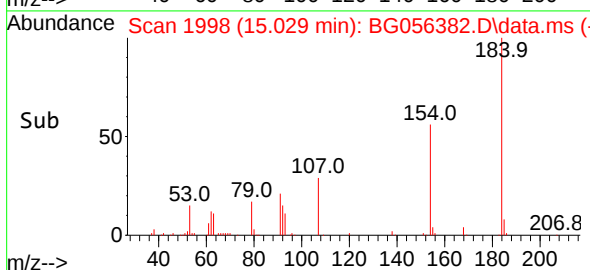
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

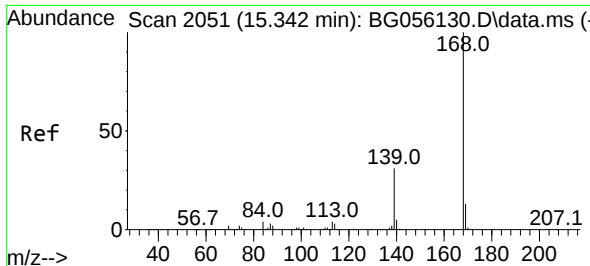


#54
2,4-Dinitrophenol
Concen: 95.260 ng
RT: 15.029 min Scan# 1998
Delta R.T. 0.008 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



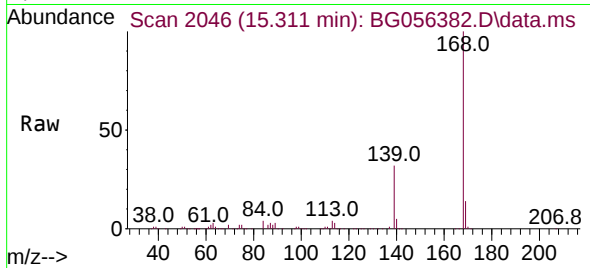
Tgt Ion:184 Resp: 140390
Ion Ratio Lower Upper
184 100
63 34.5 24.0 36.0
154 55.6 45.4 68.0





#55
Dibenzofuran
Concen: 44.348 ng
RT: 15.311 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

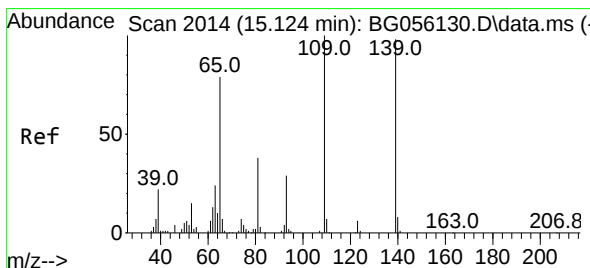
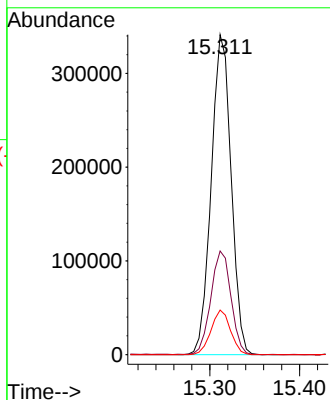
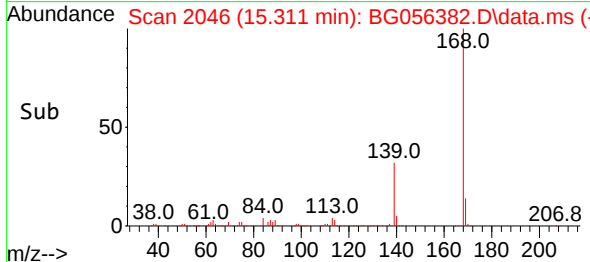
Instrument :
BNA_G
ClientSampleId :
PB150301BS



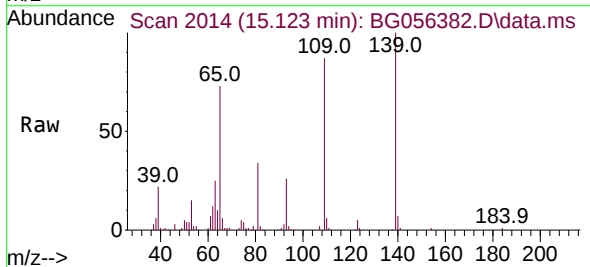
Tgt Ion:168 Resp: 526584
Ion Ratio Lower Upper
168 100
139 32.4 24.7 37.1
169 13.9 10.3 15.5

Manual Integrations
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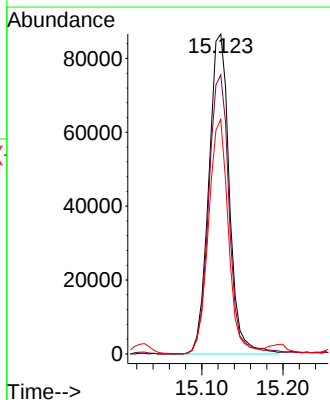
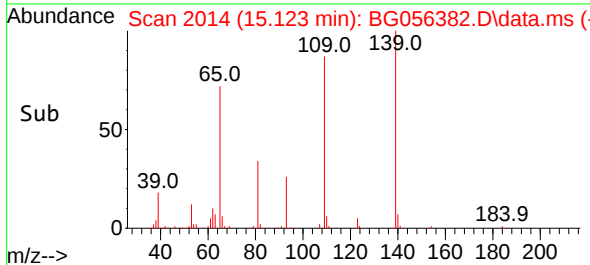
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

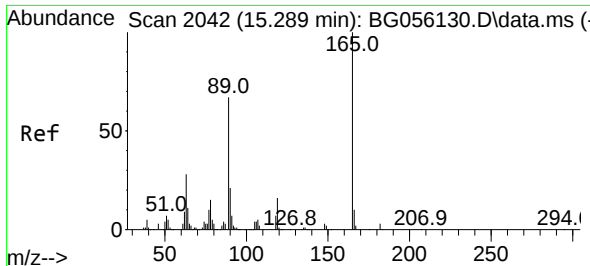


#56
4-Nitrophenol
Concen: 100.754 ng
RT: 15.123 min Scan# 2014
Delta R.T. 0.008 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:139 Resp: 152136
Ion Ratio Lower Upper
139 100
109 87.2 82.2 122.2
65 73.3 60.6 100.6





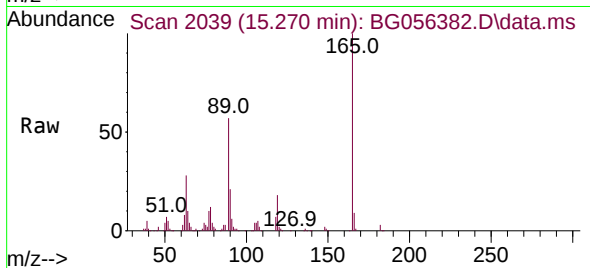
#57
2,4-Dinitrotoluene
Concen: 48.887 ng
RT: 15.270 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

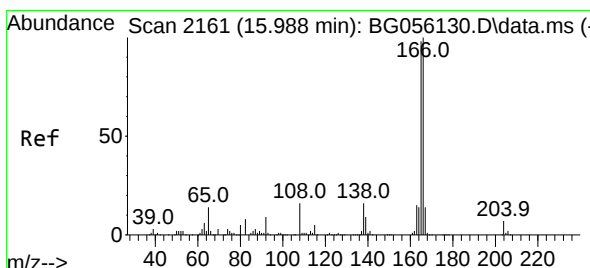
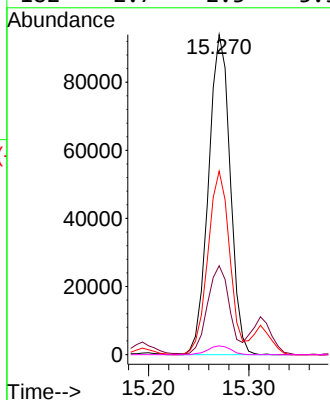
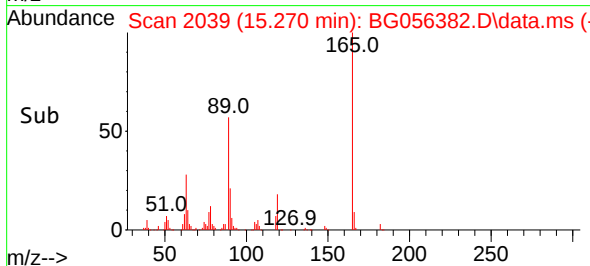


Tgt Ion:165 Resp: 141041
Ion Ratio Lower Upper
165 100
63 27.8 22.6 34.0
89 57.3 53.2 79.8
182 2.7 2.3 3.5

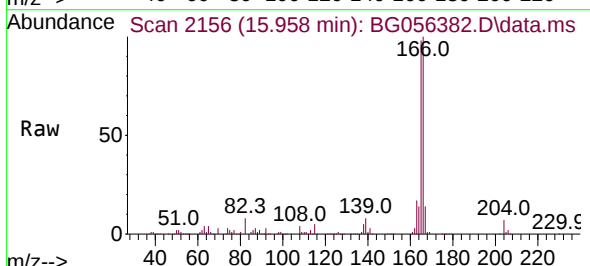
Manual Integrations

APPROVED

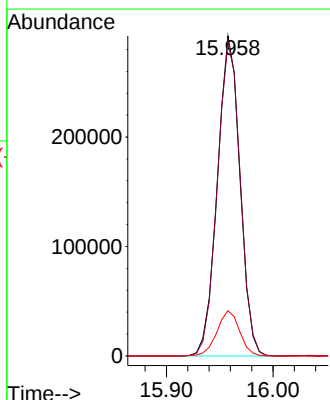
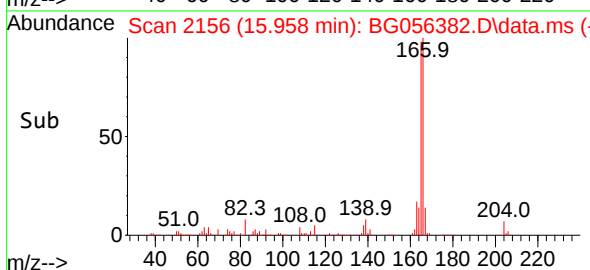
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

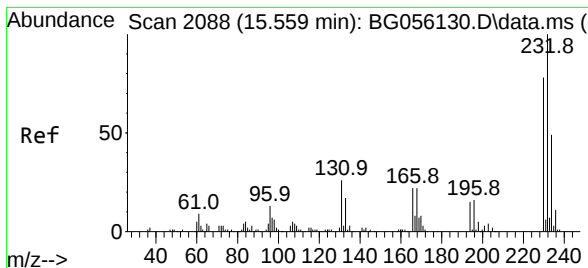


#58
Fluorene
Concen: 45.083 ng
RT: 15.958 min Scan# 2156
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:166 Resp: 430552
Ion Ratio Lower Upper
166 100
165 98.0 78.6 118.0
167 14.2 11.1 16.7





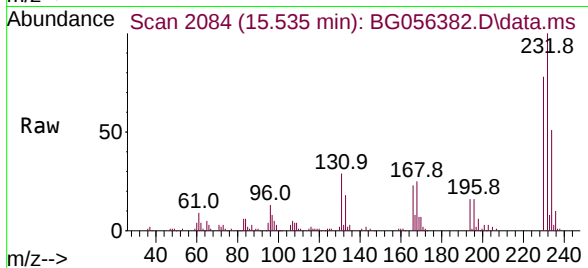
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.217 ng m
RT: 15.535 min Scan# 2084
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

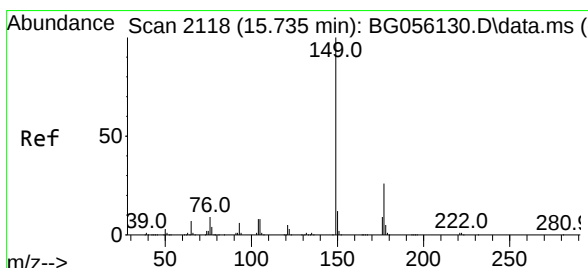
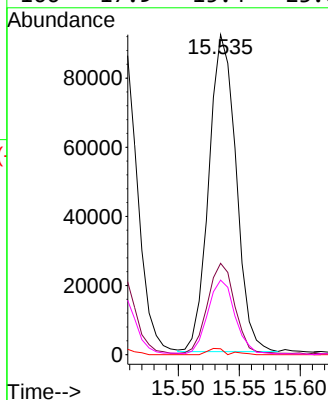
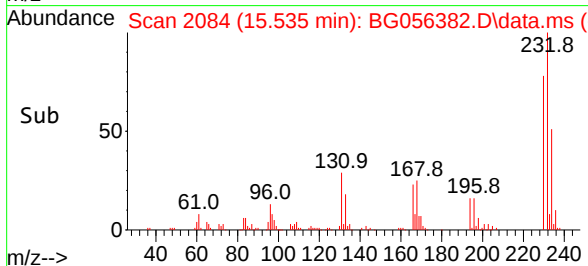


Tgt Ion:232 Resp: 142671
Ion Ratio Lower Upper
232 100
131 25.4 21.4 32.2
130 1.8 1.4 2.0
166 17.9 15.4 23.0

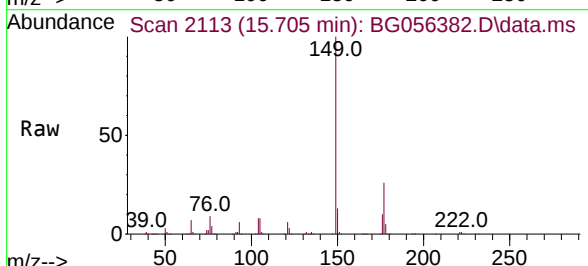
Manual Integrations

APPROVED

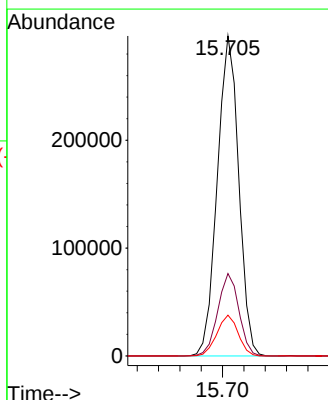
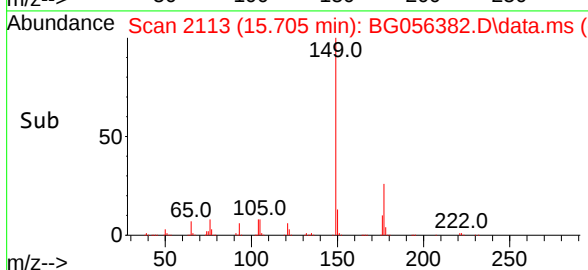
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

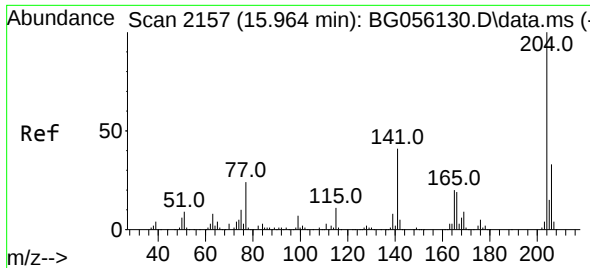


#60
Diethylphthalate
Concen: 45.682 ng
RT: 15.705 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



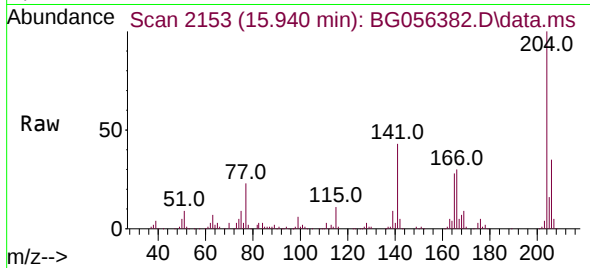
Tgt Ion:149 Resp: 414763
Ion Ratio Lower Upper
149 100
177 25.7 20.6 31.0
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.341 ng
RT: 15.940 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

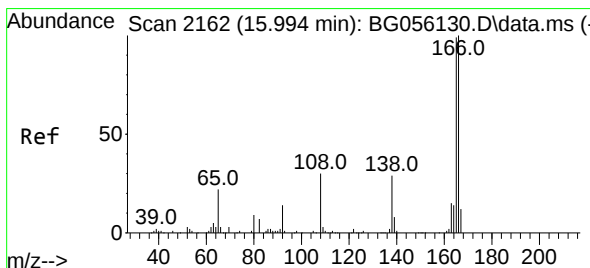
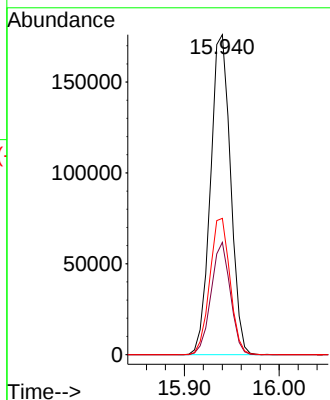
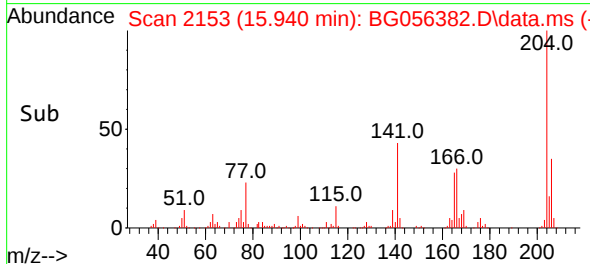
Instrument :
BNA_G
ClientSampleId :
PB150301BS



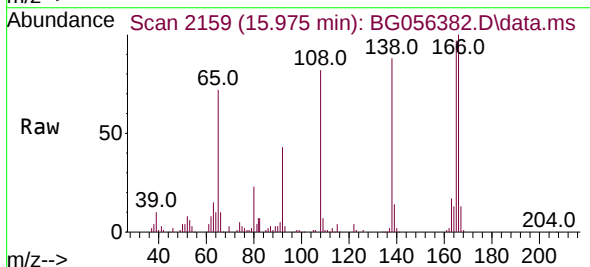
Tgt Ion:204 Resp: 258312
Ion Ratio Lower Upper
204 100
206 35.1 26.4 39.6
141 42.6 33.0 49.4

Manual Integrations
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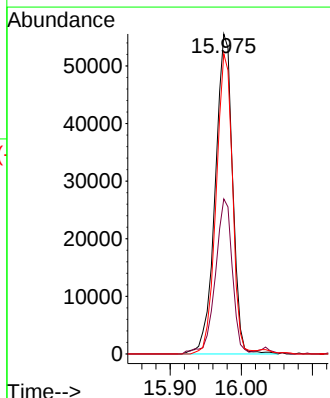
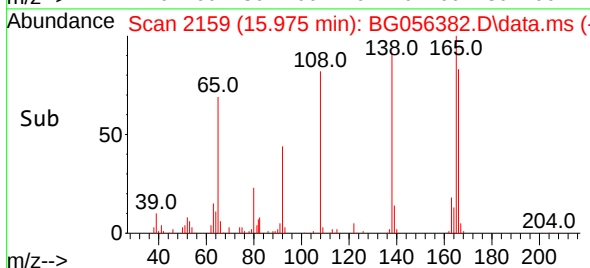
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

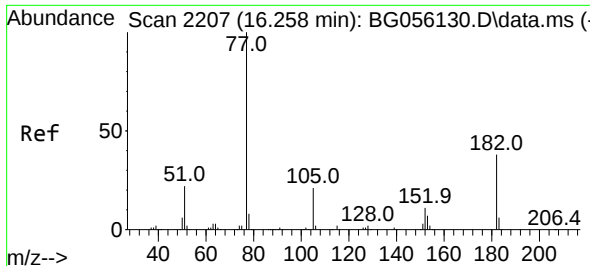


#62
4-Nitroaniline
Concen: 47.045 ng
RT: 15.975 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:138 Resp: 94612
Ion Ratio Lower Upper
138 100
92 48.4 28.6 68.6
108 93.8 83.4 123.4





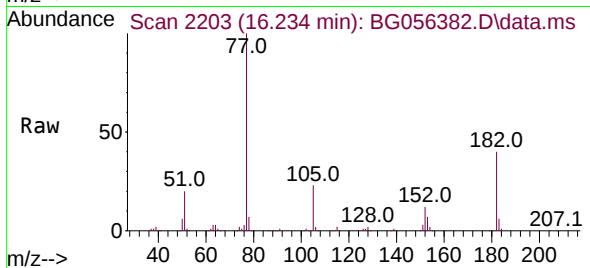
#63
Azobenzene
Concen: 43.457 ng
RT: 16.234 min Scan# 2207
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

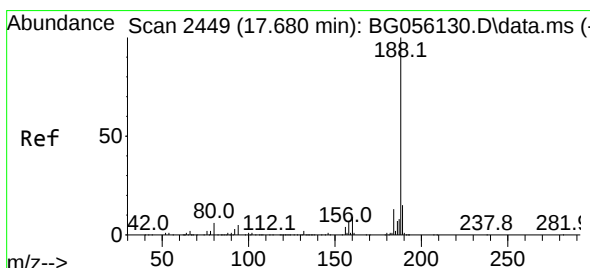
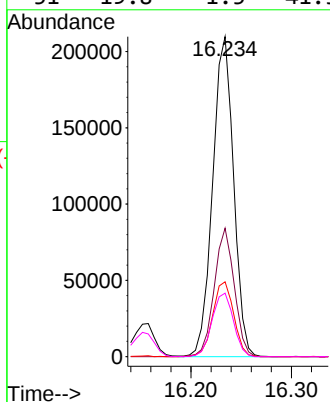
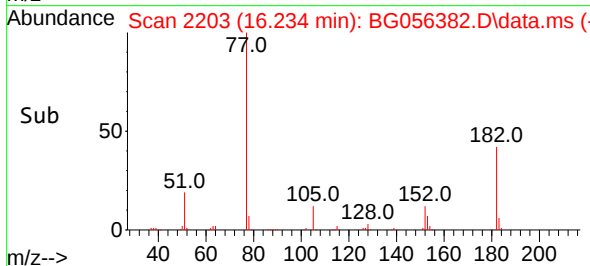


Tgt Ion: 77 Resp: 304475
Ion Ratio Lower Upper
77 100
182 40.1 18.5 58.5
105 23.4 1.4 41.4
51 19.8 1.5 41.5

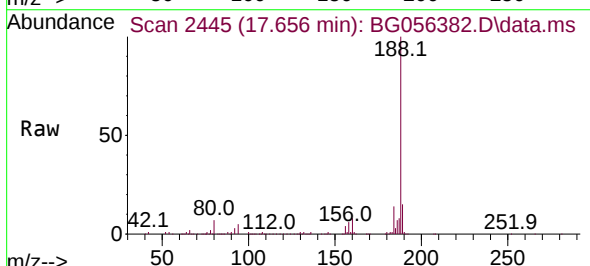
Manual Integrations

APPROVED

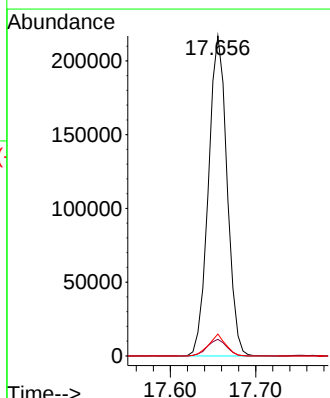
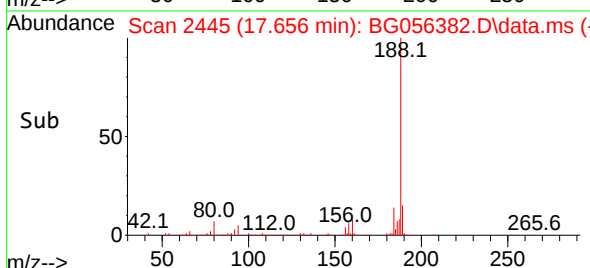
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

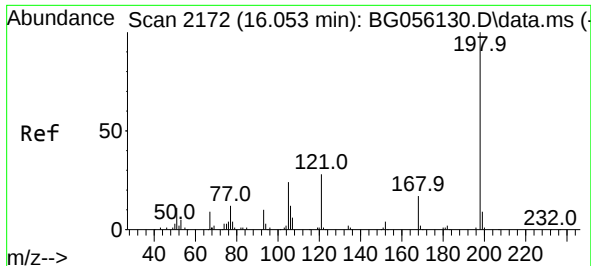


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:188 Resp: 328783
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.8 5.0 7.4





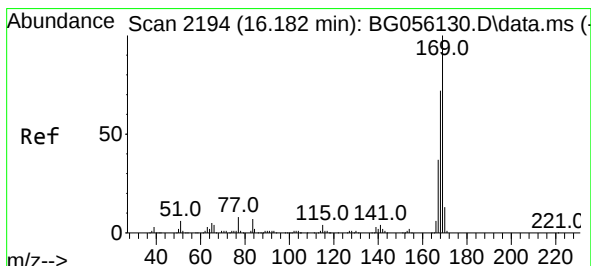
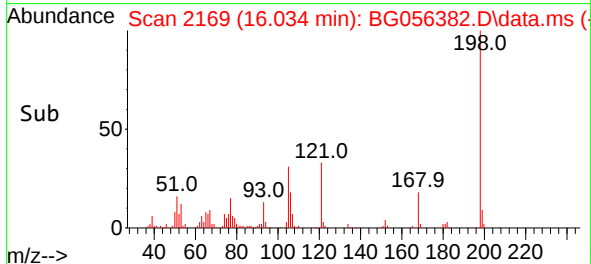
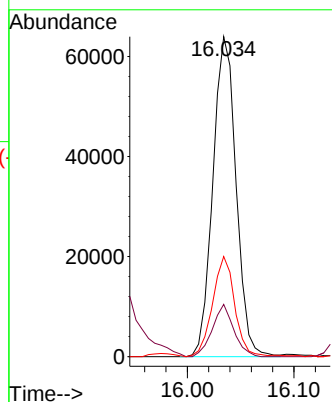
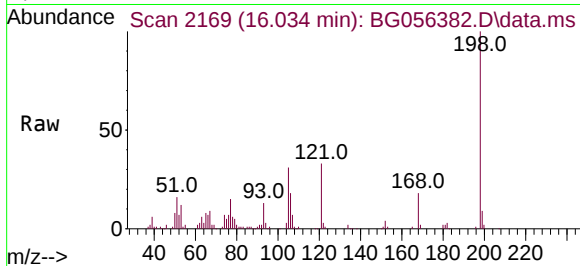
#65
4,6-Dinitro-2-methylphenol
Concen: 43.762 ng
RT: 16.034 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :
BNA_G
ClientSampleId :
PB150301BS

Tgt Ion:198 Resp: 96940
Ion Ratio Lower Upper
198 100
51 16.3 0.0 33.2
105 31.3 4.9 44.9

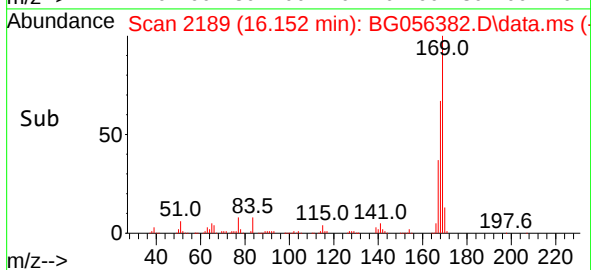
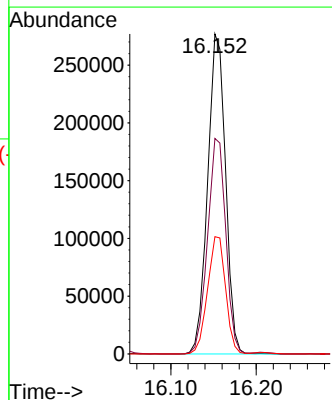
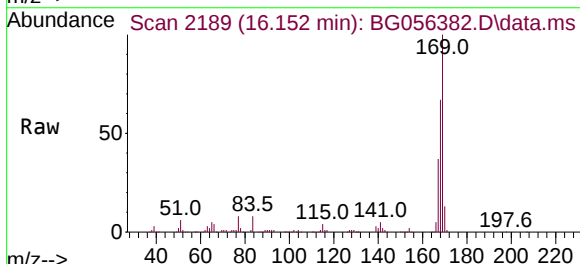
Manual Integrations
APPROVED

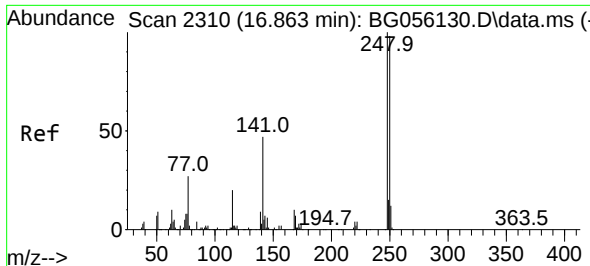
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 44.197 ng
RT: 16.152 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

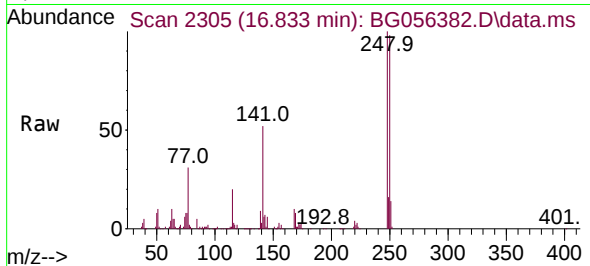
Tgt Ion:169 Resp: 403172
Ion Ratio Lower Upper
169 100
168 67.3 58.0 87.0
167 36.6 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 42.741 ng
RT: 16.833 min Scan# 2310
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

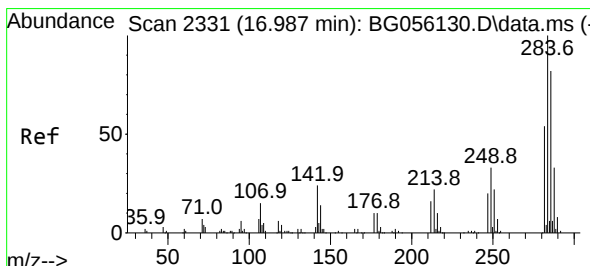
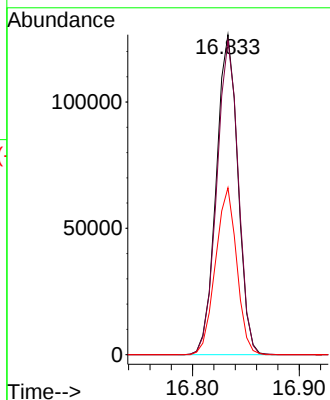
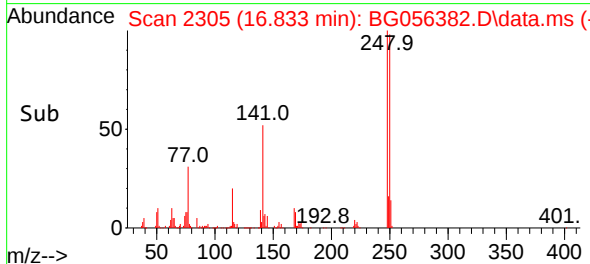
Instrument :
BNA_G
ClientSampleId :
PB150301BS



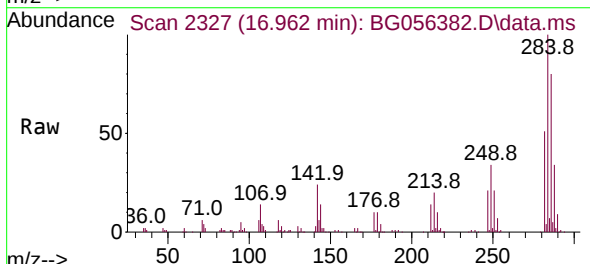
Tgt Ion:248 Resp: 178945
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.4
141 52.1 37.6 56.4

Manual Integrations
APPROVED

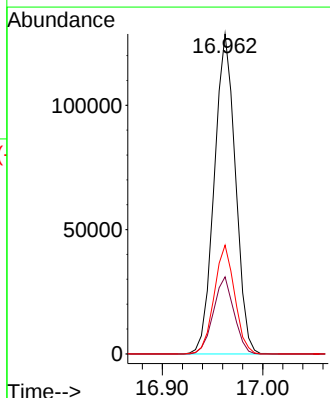
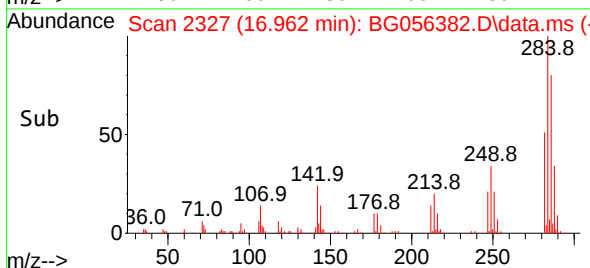
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

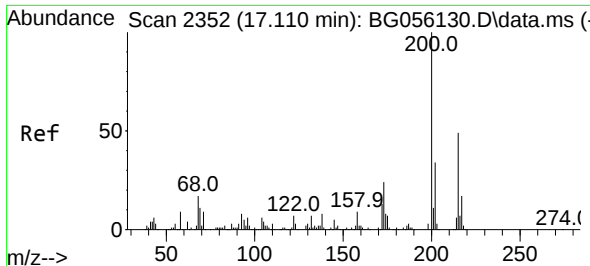


#68
Hexachlorobenzene
Concen: 48.273 ng
RT: 16.962 min Scan# 2327
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



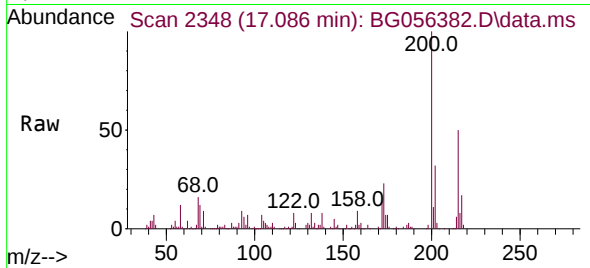
Tgt Ion:284 Resp: 188559
Ion Ratio Lower Upper
284 100
142 24.1 19.0 28.6
249 34.0 26.6 39.8





#69
 Atrazine
 Concen: 45.124 ng
 RT: 17.086 min Scan# 2348
 Delta R.T. -0.004 min
 Lab File: BG056382.D
 Acq: 23 Jan 2023 13:13

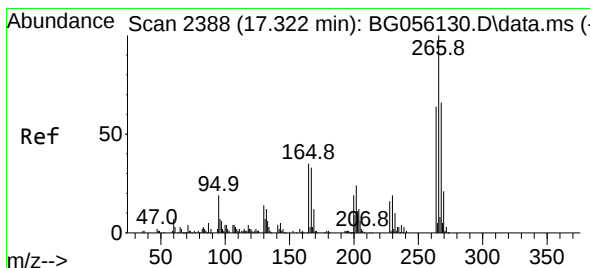
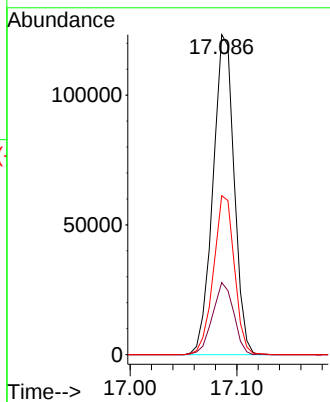
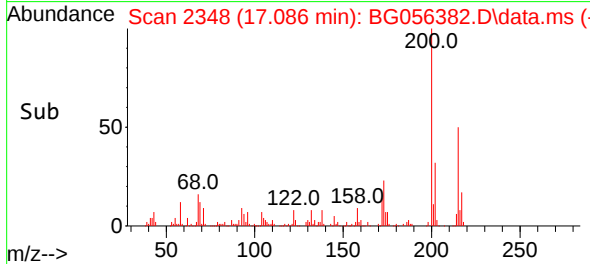
Instrument :
 BNA_G
 ClientSampleId :
 PB150301BS



Tgt Ion:200 Resp: 170596
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.0 44.0
 215 49.7 29.1 69.1

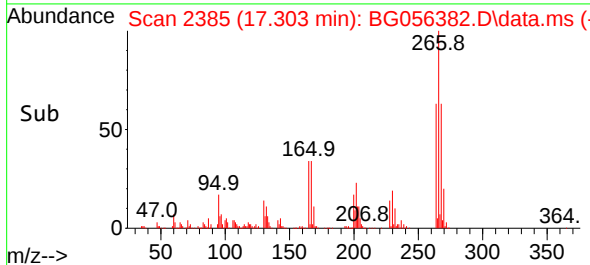
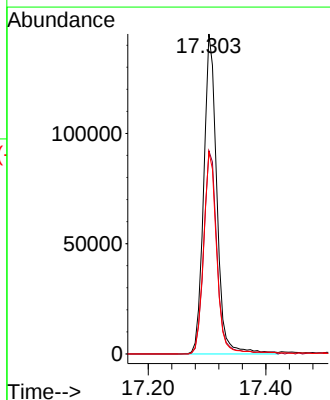
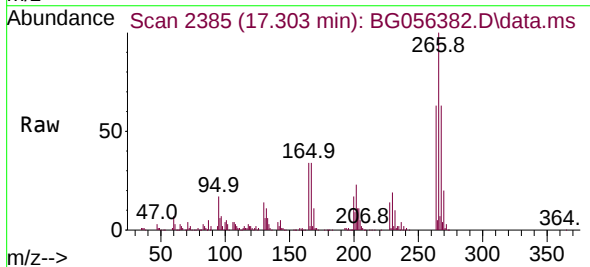
Manual Integrations
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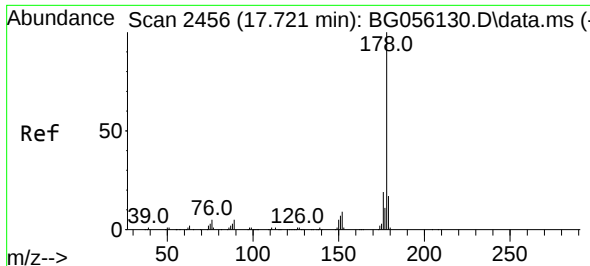
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#70
 Pentachlorophenol
 Concen: 74.988 ng
 RT: 17.303 min Scan# 2385
 Delta R.T. -0.004 min
 Lab File: BG056382.D
 Acq: 23 Jan 2023 13:13

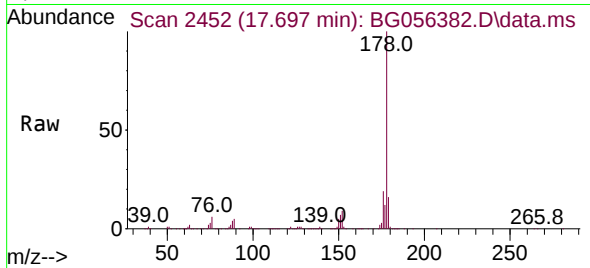
Tgt Ion:266 Resp: 225007
 Ion Ratio Lower Upper
 266 100
 268 63.4 53.0 79.4
 264 63.1 51.4 77.2





#71
Phenanthrene
Concen: 44.413 ng
RT: 17.697 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

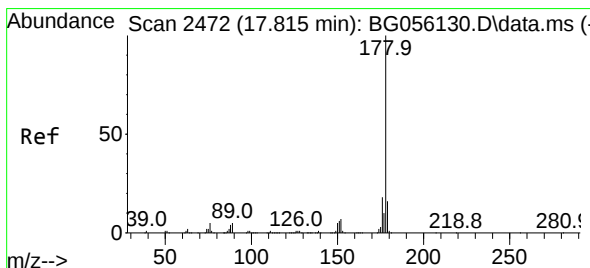
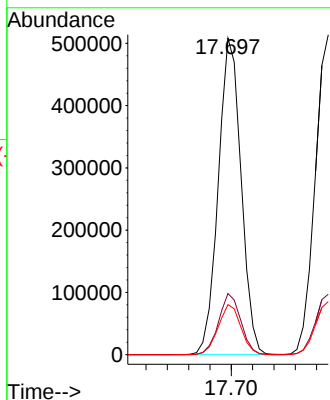
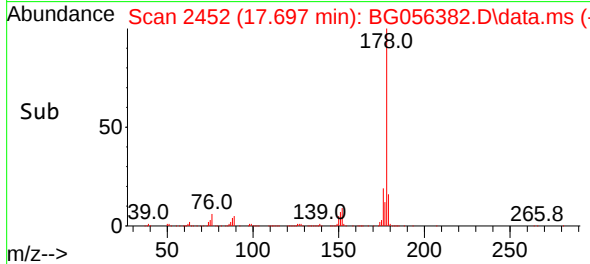
Instrument :
BNA_G
ClientSampleId :
PB150301BS



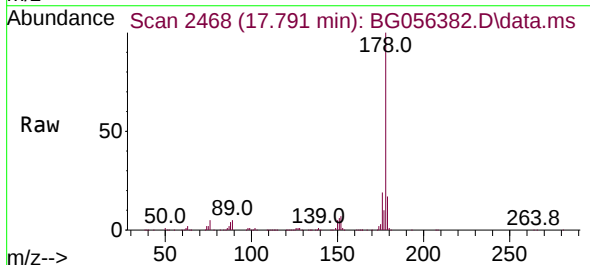
Tgt Ion:178 Resp: 756731
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 13.6 20.4

Manual Integrations
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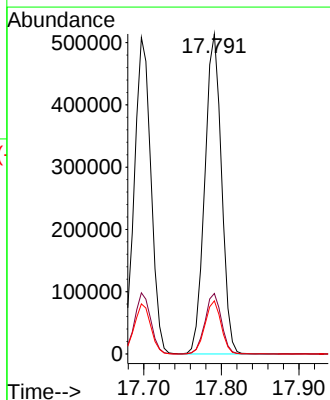
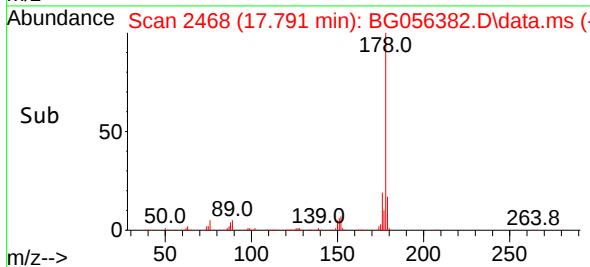
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

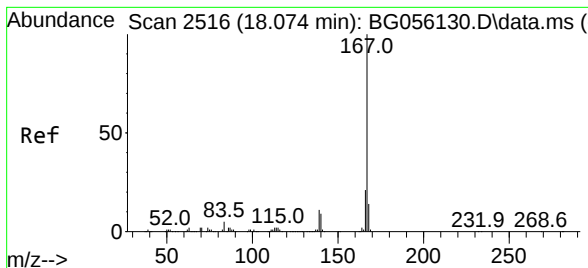


#72
Anthracene
Concen: 43.655 ng
RT: 17.791 min Scan# 2468
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:178 Resp: 767308
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 16.6 12.7 19.1





#73

Carbazole

Concen: 45.824 ng

RT: 18.055 min Scan# 2513

Delta R.T. 0.002 min

Lab File: BG056382.D

Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

Tgt Ion:167 Resp: 677010

Ion Ratio Lower Upper

167 100

166 22.6 16.8 25.2

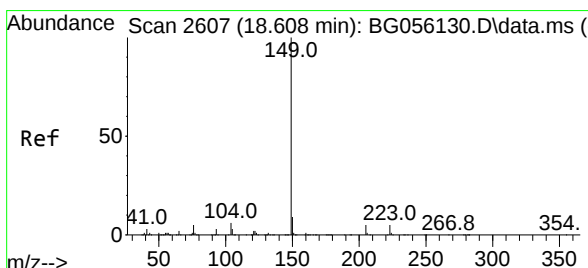
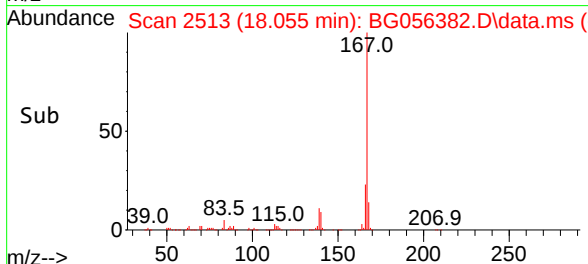
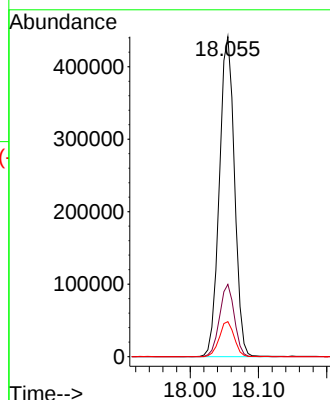
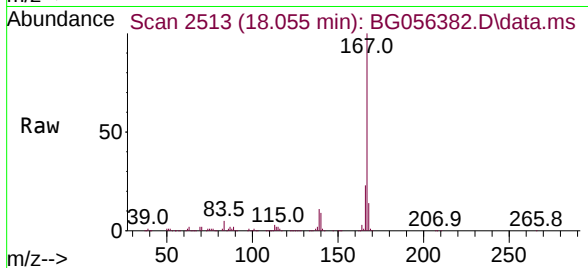
139 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#74

Di-n-butylphthalate

Concen: 46.103 ng

RT: 18.578 min Scan# 2602

Delta R.T. -0.004 min

Lab File: BG056382.D

Acq: 23 Jan 2023 13:13

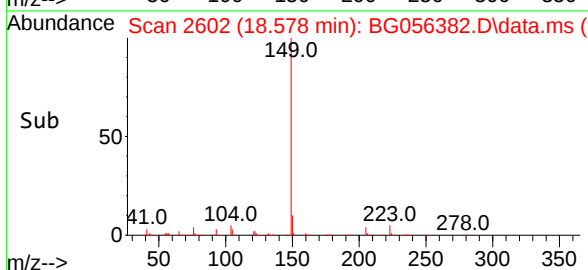
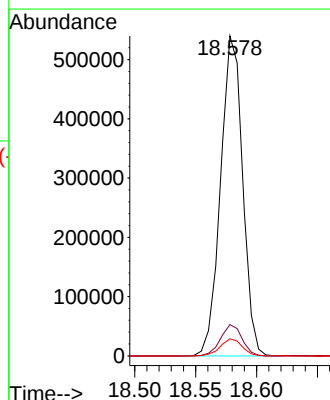
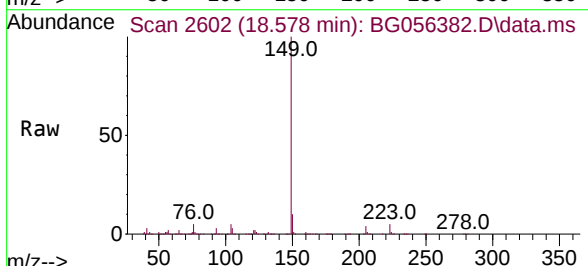
Tgt Ion:149 Resp: 678988

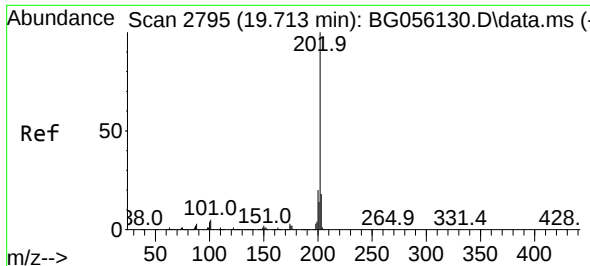
Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

104 5.3 4.4 6.6





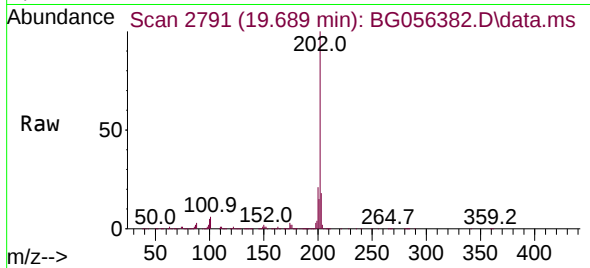
#75
Fluoranthene
Concen: 40.796 ng
RT: 19.689 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

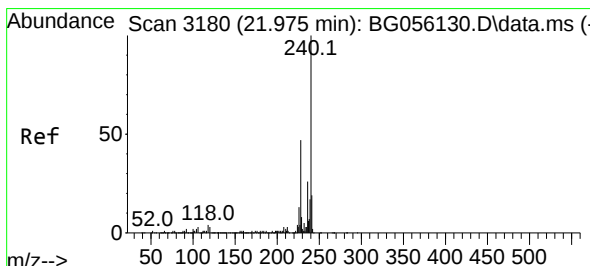
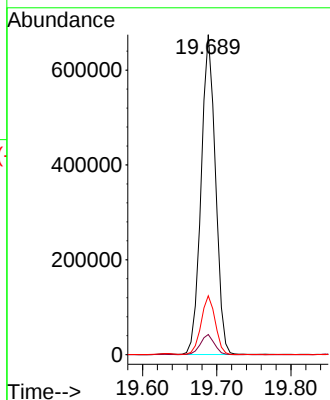
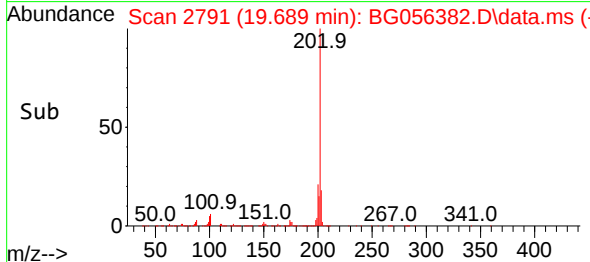


Tgt Ion:202 Resp: 906699
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.0
203 18.4 0.0 38.0

Manual Integrations

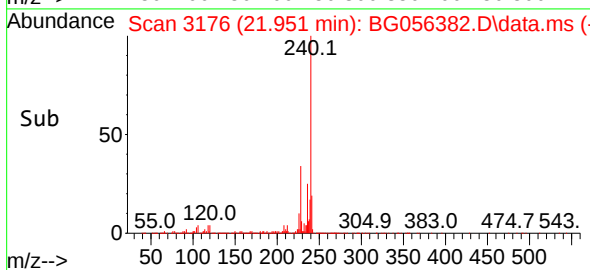
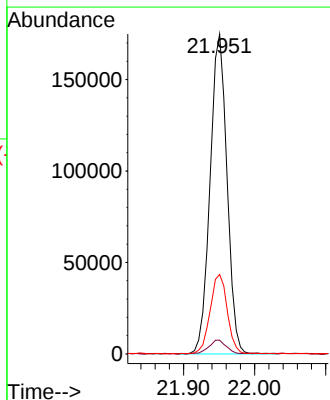
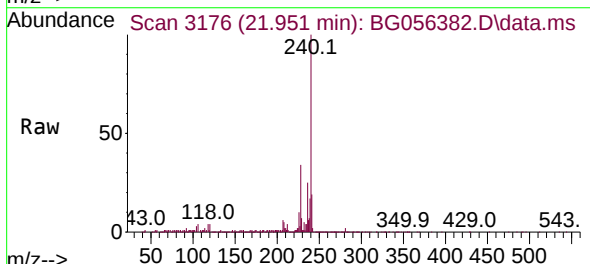
APPROVED

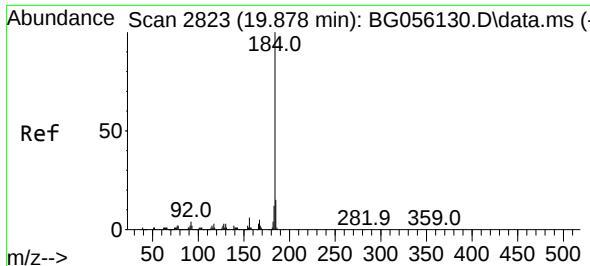
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.951 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

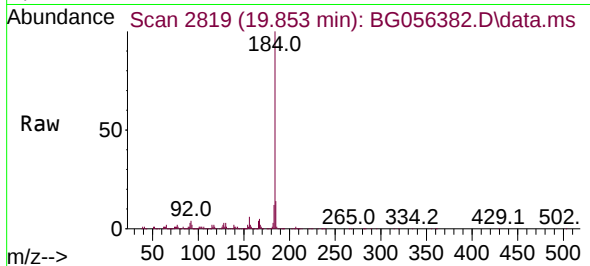
Tgt Ion:240 Resp: 289159
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 24.8 20.8 31.2





#77
Benzidine
Concen: 32.680 ng
RT: 19.853 min Scan# 2819
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

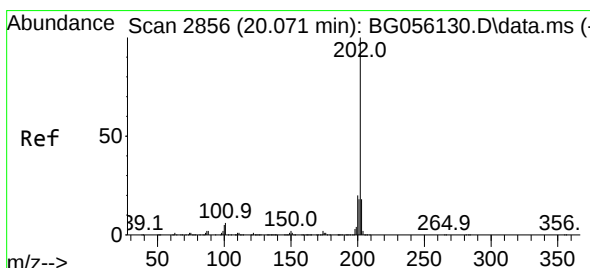
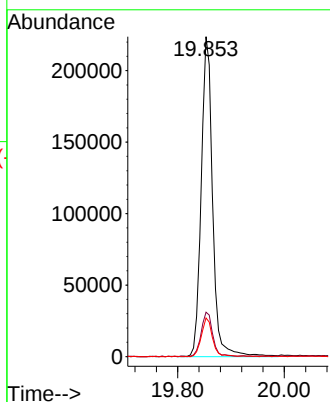
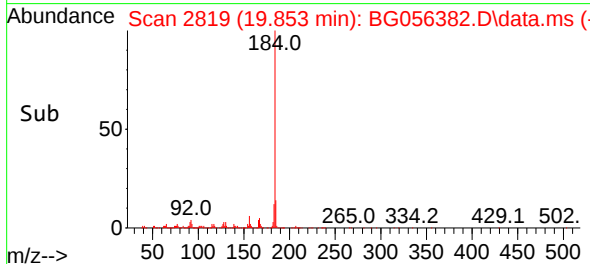
Instrument :
BNA_G
ClientSampleId :
PB150301BS



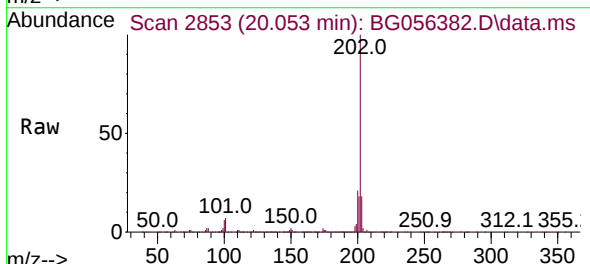
Tgt Ion:184 Resp: 331160
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 12.1 9.4 14.0

Manual Integrations
APPROVED

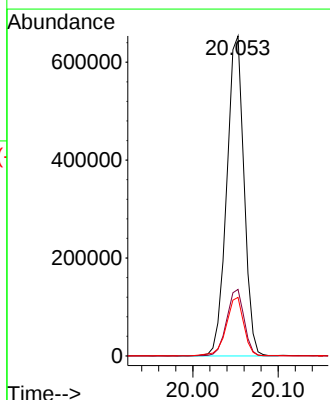
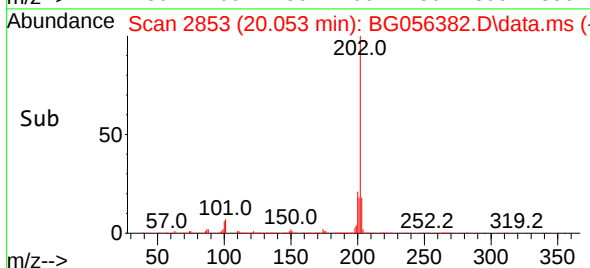
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

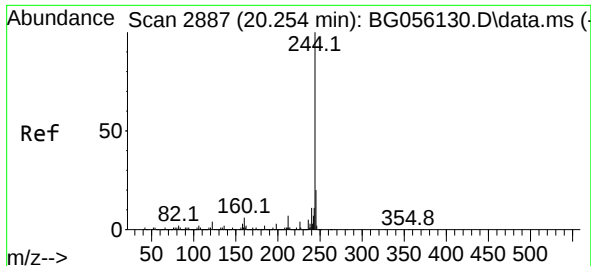


#78
Pyrene
Concen: 45.125 ng
RT: 20.053 min Scan# 2853
Delta R.T. 0.002 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:202 Resp: 919694
Ion Ratio Lower Upper
202 100
200 20.8 16.4 24.6
203 18.3 14.3 21.5





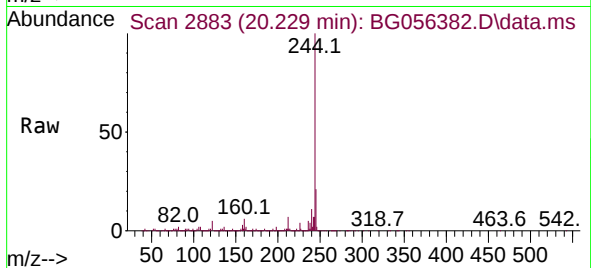
#79
Terphenyl-d14
Concen: 93.390 ng
RT: 20.229 min Scan# 2883
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

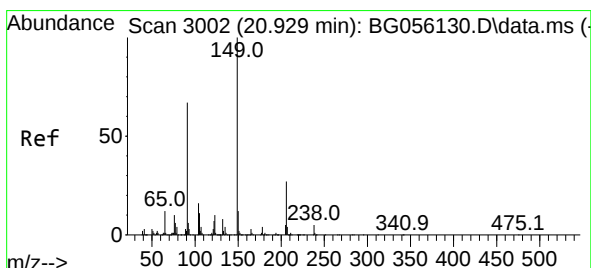
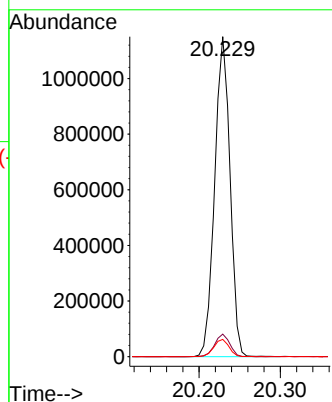
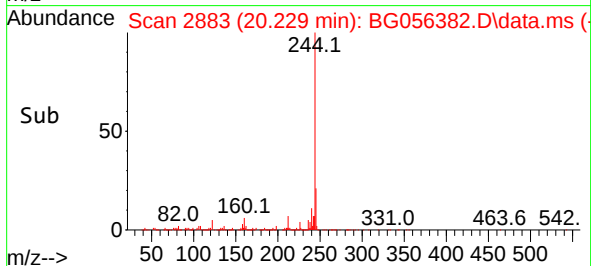


Tgt Ion:244 Resp: 150775
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 5.4 3.5 5.3

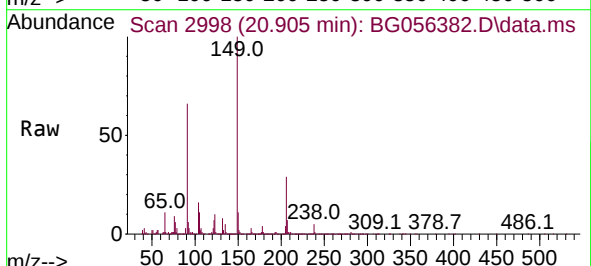
Manual Integrations

APPROVED

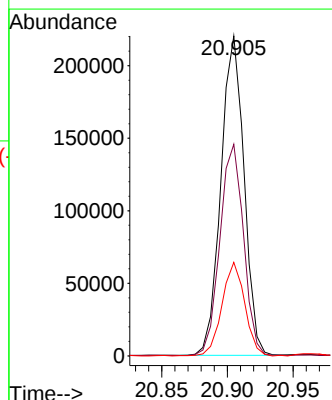
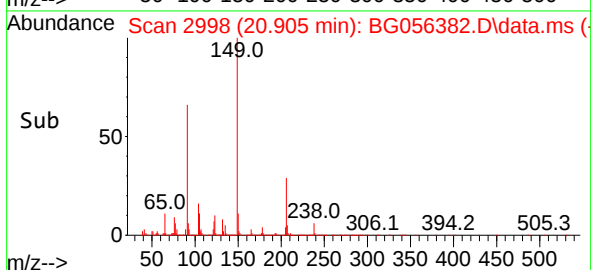
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

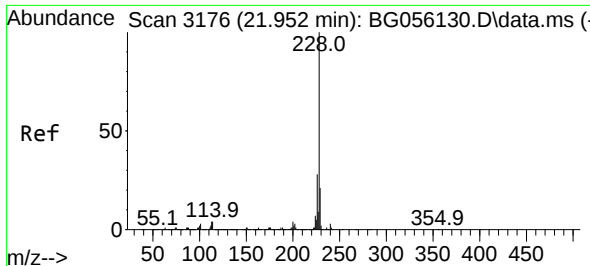


#80
Butylbenzylphthalate
Concen: 46.234 ng
RT: 20.905 min Scan# 2998
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



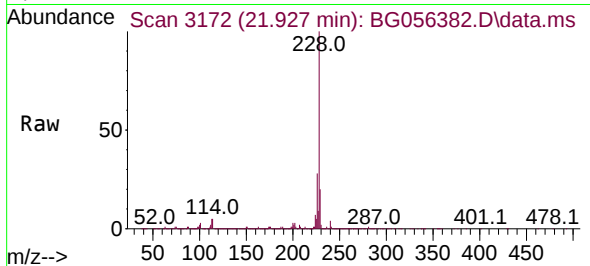
Tgt Ion:149 Resp: 270341
Ion Ratio Lower Upper
149 100
91 66.1 53.5 80.3
206 29.2 21.9 32.9





#81
Benzo(a)anthracene
Concen: 43.976 ng
RT: 21.927 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

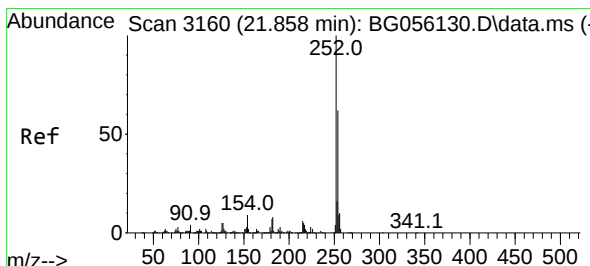
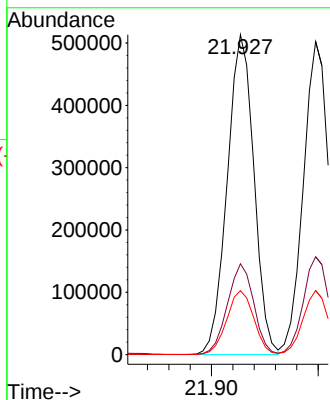
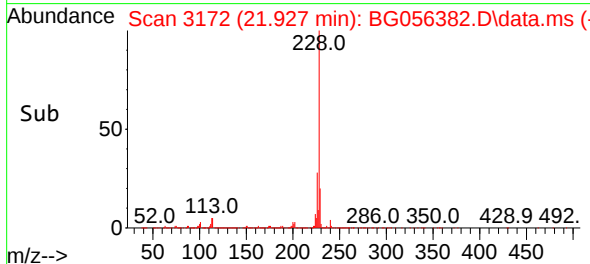
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion:228 Resp: 893138
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.0 16.9 25.3

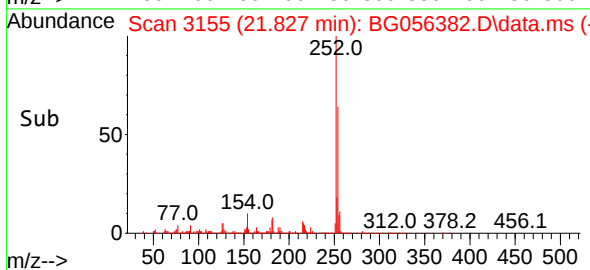
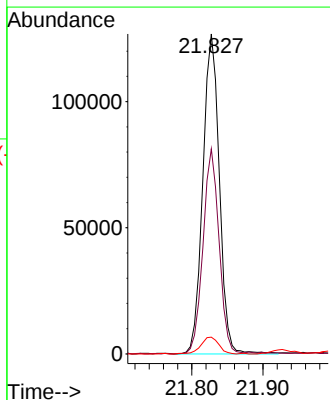
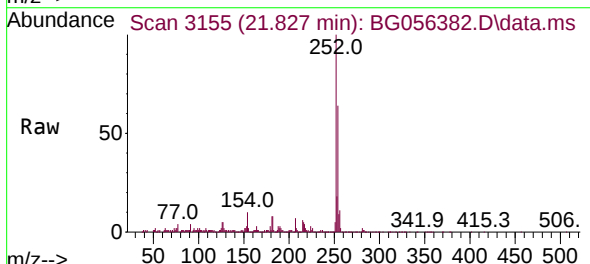
Manual Integrations
APPROVED

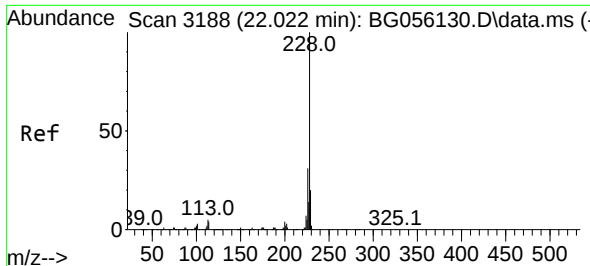
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.930 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

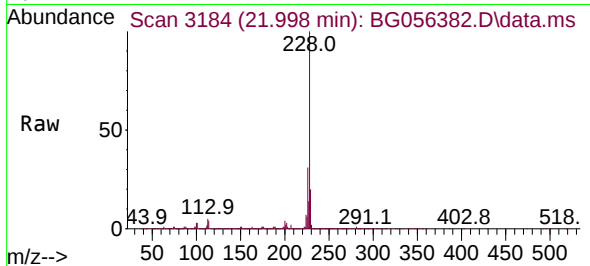
Tgt Ion:252 Resp: 204197
Ion Ratio Lower Upper
252 100
254 64.1 49.5 74.3
126 5.2 4.0 6.0





#83
Chrysene
Concen: 44.202 ng
RT: 21.998 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

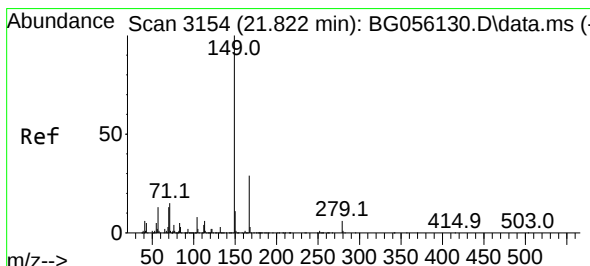
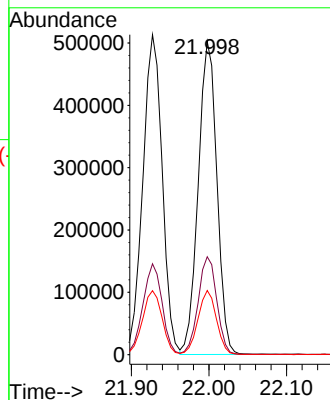
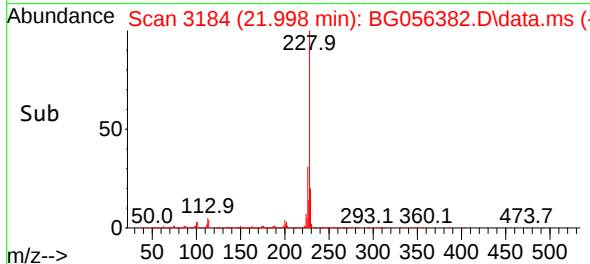
Instrument :
BNA_G
ClientSampleId :
PB150301BS



Tgt Ion:228 Resp: 840904
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 20.4 15.8 23.6

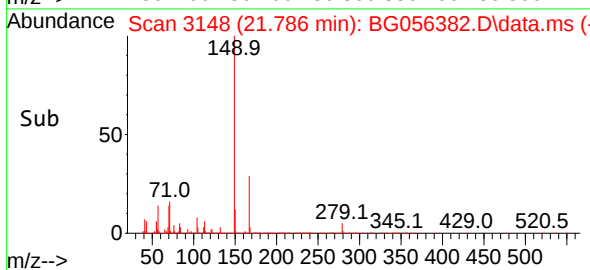
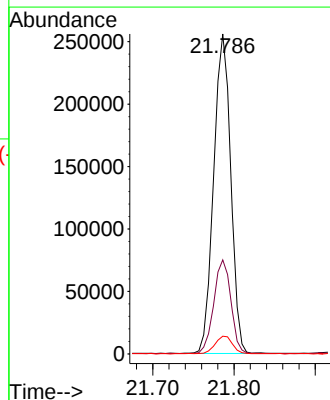
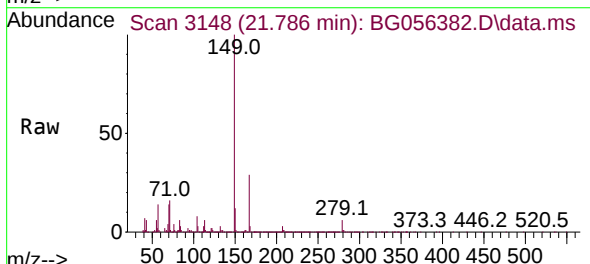
Manual Integrations
APPROVED

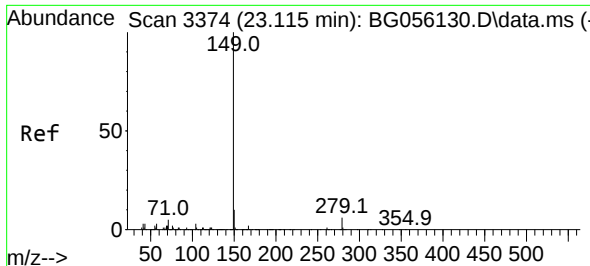
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.263 ng
RT: 21.786 min Scan# 3148
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

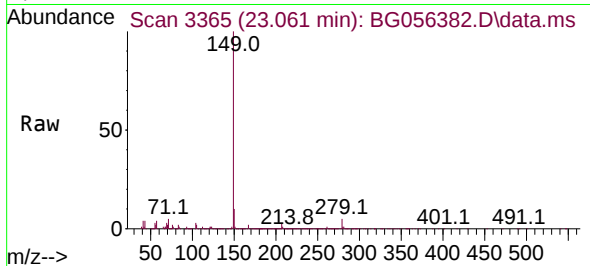
Tgt Ion:149 Resp: 372875
Ion Ratio Lower Upper
149 100
167 29.4 23.4 35.2
279 5.5 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 45.265 ng
RT: 23.061 min Scan# 3374
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

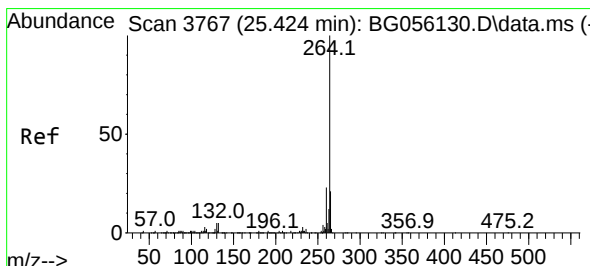
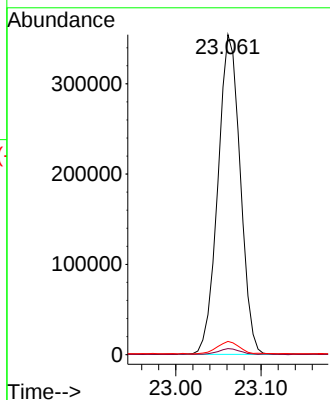
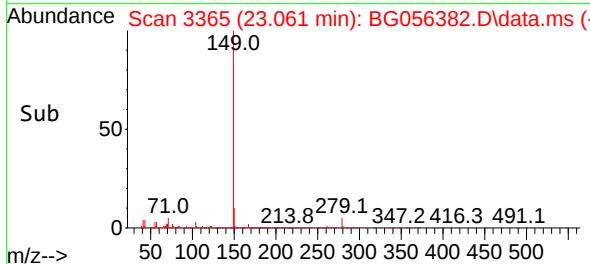
Instrument :
BNA_G
ClientSampleId :
PB150301BS



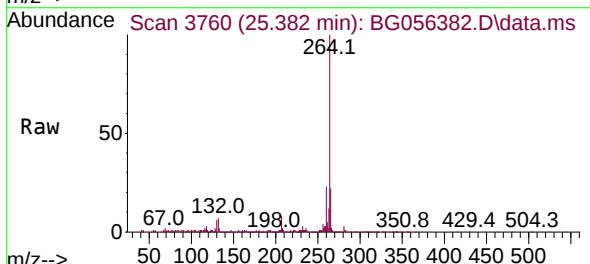
Tgt Ion:149 Resp: 643721
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.9 2.9 4.3

Manual Integrations
APPROVED

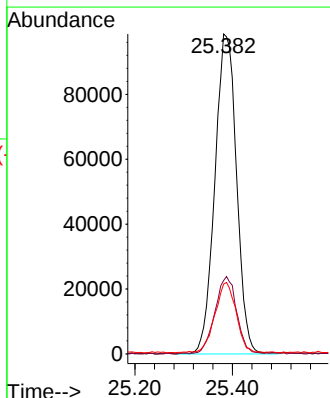
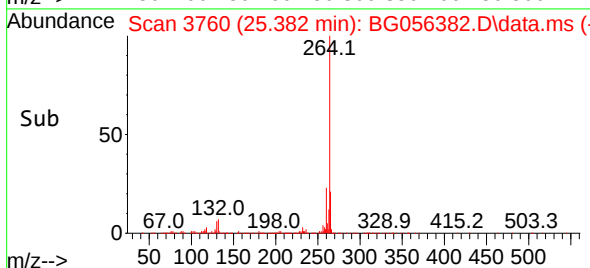
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

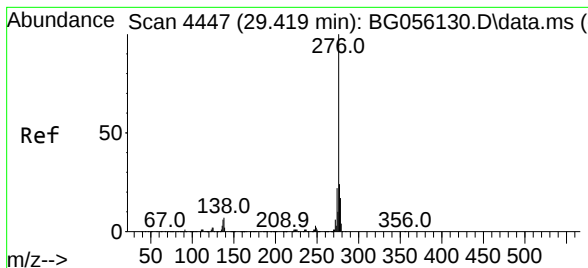


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.382 min Scan# 3760
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13



Tgt Ion:264 Resp: 304328
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.452 ng

RT: 29.354 min Scan# 4447

Delta R.T. -0.004 min

Lab File: BG056382.D

Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

Tgt Ion:276 Resp: 105024

Ion Ratio Lower Upper

276 100

138 11.1 5.0 7.4

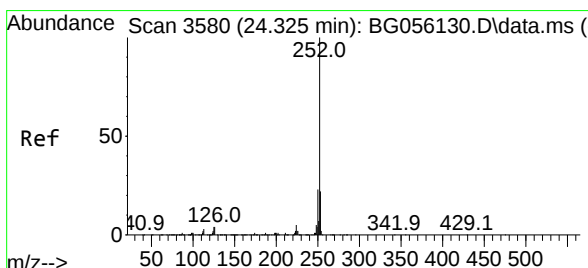
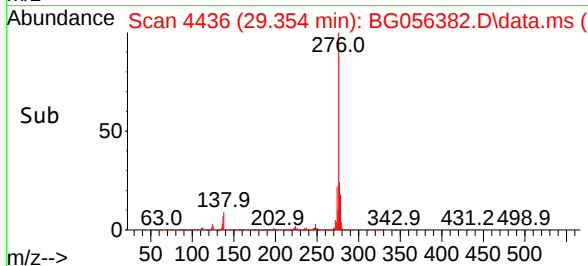
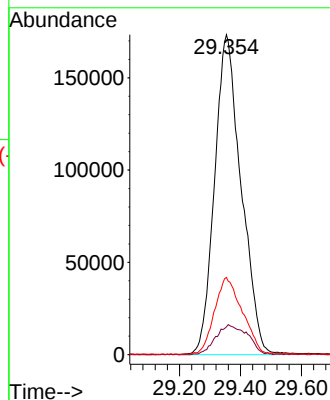
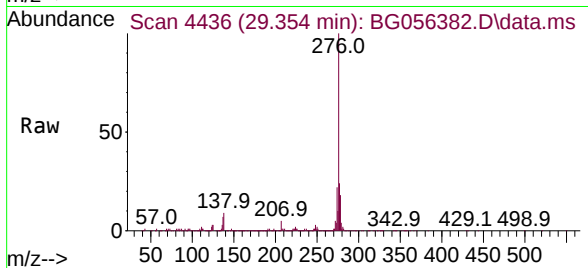
277 25.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 48.176 ng

RT: 24.289 min Scan# 3574

Delta R.T. -0.004 min

Lab File: BG056382.D

Acq: 23 Jan 2023 13:13

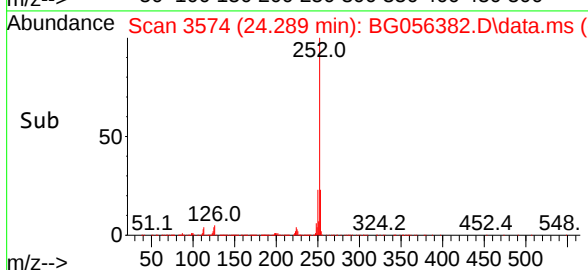
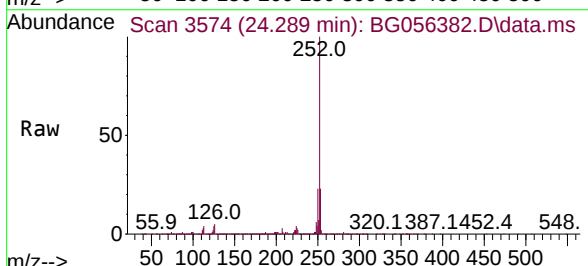
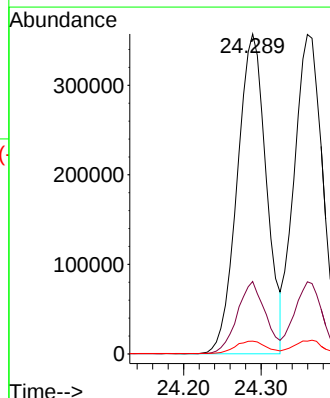
Tgt Ion:252 Resp: 931525

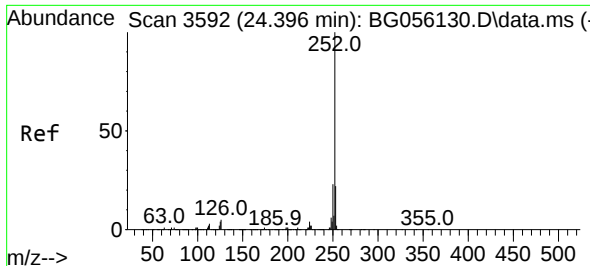
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 4.0 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 46.816 ng
RT: 24.360 min Scan# 3592
Delta R.T. -0.010 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

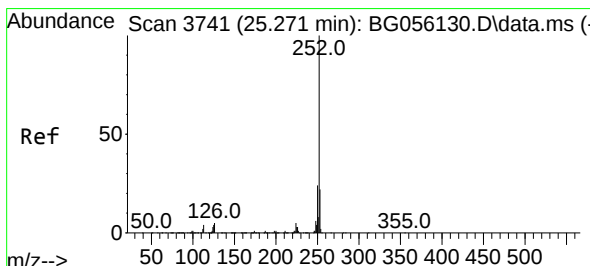
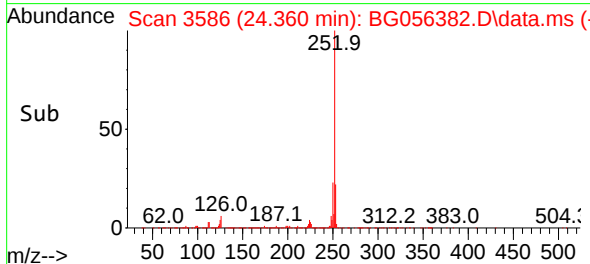
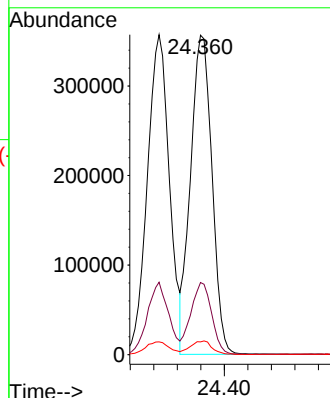
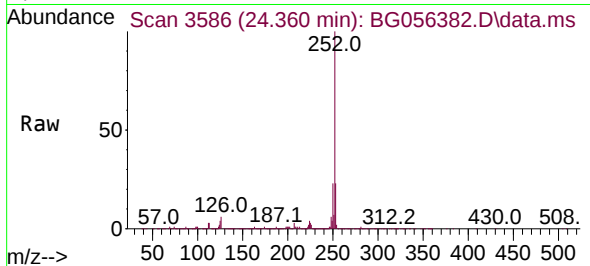
ClientSampleId :

PB150301BS

Tgt Ion:252 Resp: 901420
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.0 3.4 5.0

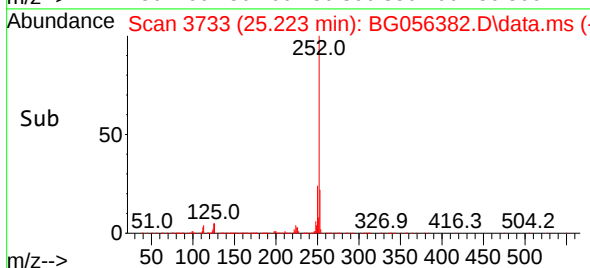
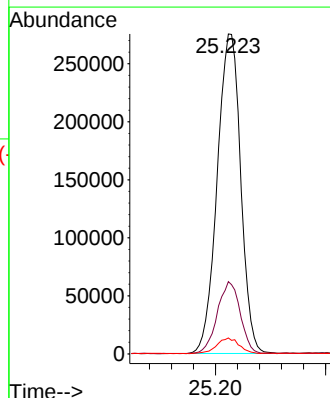
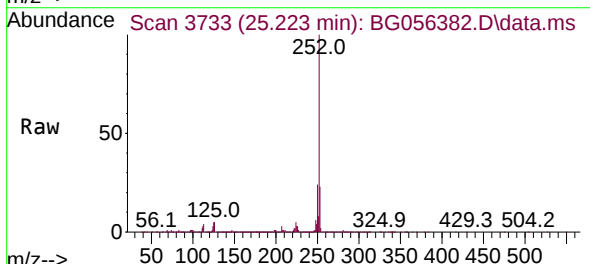
Manual Integrations
APPROVED

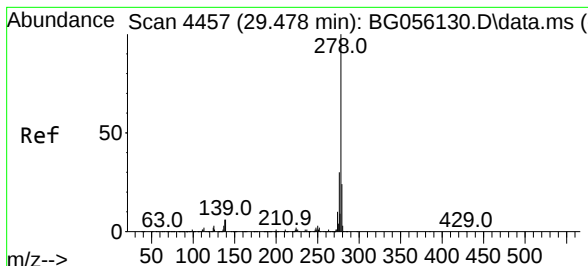
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#90
Benzo(a)pyrene
Concen: 43.200 ng
RT: 25.223 min Scan# 3733
Delta R.T. -0.004 min
Lab File: BG056382.D
Acq: 23 Jan 2023 13:13

Tgt Ion:252 Resp: 814731
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 5.0 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 47.921 ng

RT: 29.418 min Scan# 4457

Delta R.T. 0.008 min

Lab File: BG056382.D

Acq: 23 Jan 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150301BS

Tgt Ion:278 Resp: 88922

Ion Ratio Lower Upper

278 100

139 6.9 4.8 7.2

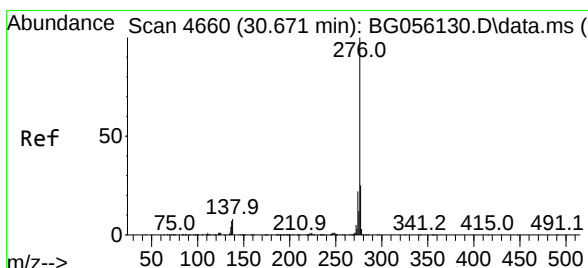
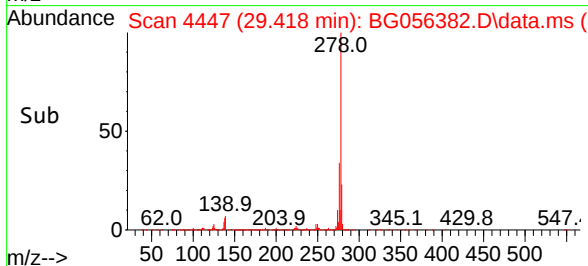
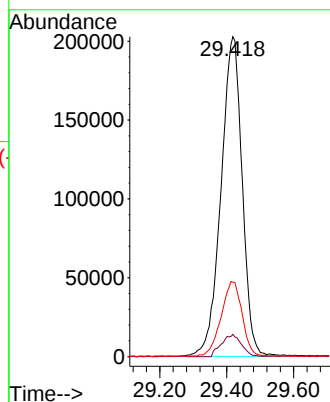
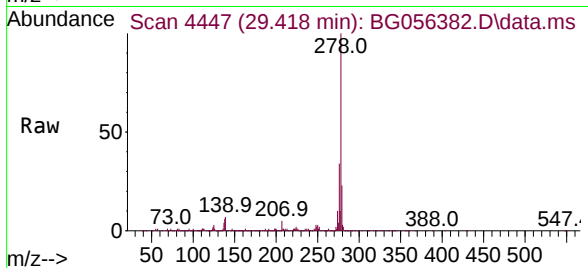
279 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#92

Benzo(g,h,i)perylene

Concen: 47.352 ng

RT: 30.605 min Scan# 4649

Delta R.T. 0.008 min

Lab File: BG056382.D

Acq: 23 Jan 2023 13:13

Tgt Ion:276 Resp: 852079

Ion Ratio Lower Upper

276 100

277 25.2 19.7 29.5

138 8.8 6.7 10.1

