

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055686.D
 Acq On : 18 Nov 2022 11:36
 Operator : CG/JU
 Sample : PB148983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148983BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/21/2022
 Supervised By : Jagrut Upadhyay 11/21/2022

Quant Time: Nov 18 23:53:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	34682	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	159752	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	125990	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	304802	20.000	ng	0.00
76) Chrysene-d12	21.920	240	273212	20.000	ng	0.00
86) Perylene-d12	25.339	264	283263	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	286106	149.110	ng	0.00
7) Phenol-d6	7.401	99	382452	149.736	ng	0.01
23) Nitrobenzene-d5	9.423	82	234092	77.451	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	232923	131.291	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	630916	75.021	ng	0.00
79) Terphenyl-d14	20.204	244	1113994	81.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.612	88	26393	32.187	ng	99
3) Pyridine	4.023	79	74882	29.768	ng	94
4) n-Nitrosodimethylamine	3.935	42	55945	42.007	ng	98
6) Aniline	7.566	93	110876	34.561	ng	97
8) 2-Chlorophenol	7.813	128	109504	49.922	ng	98
9) Benzaldehyde	7.378	77	14335m	8.264	ng	
10) Phenol	7.425	94	142200	49.722	ng	97
11) bis(2-Chloroethyl)ether	7.654	93	96283	43.931	ng	97
12) 1,3-Dichlorobenzene	8.142	146	110606	42.889	ng	98
13) 1,4-Dichlorobenzene	8.289	146	111784	42.895	ng	98
14) 1,2-Dichlorobenzene	8.612	146	110502	44.250	ng	97
15) Benzyl Alcohol	8.488	79	105388m	50.769	ng	
16) 2,2'-oxybis(1-Chloropr...	8.770	45	181712m	45.799	ng	
17) 2-Methylphenol	8.688	107	99777	49.141	ng	98
18) Hexachloroethane	9.346	117	38819	43.279	ng	98
19) n-Nitroso-di-n-propyla...	9.058	70	89004	45.353	ng	98
20) 3+4-Methylphenols	9.017	107	140471	49.525	ng	98
22) Acetophenone	9.076	105	168678	40.634	ng	# 95
24) Nitrobenzene	9.470	77	127067	40.249	ng	99
25) Isophorone	9.987	82	252569	44.103	ng	98
26) 2-Nitrophenol	10.181	139	64494	44.253	ng	95
27) 2,4-Dimethylphenol	10.233	122	116358m	52.459	ng	
28) bis(2-Chloroethoxy)met...	10.468	93	141418	45.998	ng	98
29) 2,4-Dichlorophenol	10.721	162	121572	45.792	ng	99
30) 1,2,4-Trichlorobenzene	10.938	180	123395	40.006	ng	99
31) Naphthalene	11.132	128	338580	39.206	ng	99
32) Benzoic acid	10.380	122	83241	45.614	ng	93
33) 4-Chloroaniline	11.232	127	88830	24.935	ng	98
34) Hexachlorobutadiene	11.409	225	83761	39.770	ng	98
35) Caprolactam	12.008	113	41906m	45.613	ng	
36) 4-Chloro-3-methylphenol	12.337	107	137152	47.002	ng	99
37) 2-Methylnaphthalene	12.719	142	266066	41.148	ng	99
38) 1-Methylnaphthalene	12.936	142	251028	39.990	ng	99
40) 1,2,4,5-Tetrachloroben...	13.083	216	157554	39.794	ng	99
41) Hexachlorocyclopentadiene	13.060	237	195131	97.785	ng	99
43) 2,4,6-Trichlorophenol	13.312	196	113229	41.924	ng	99

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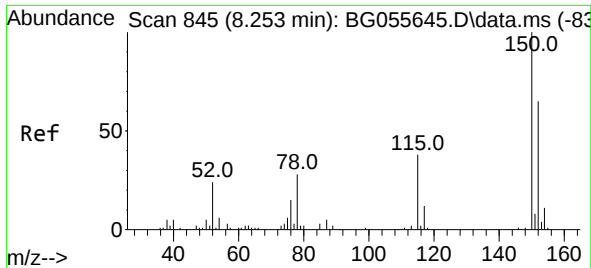
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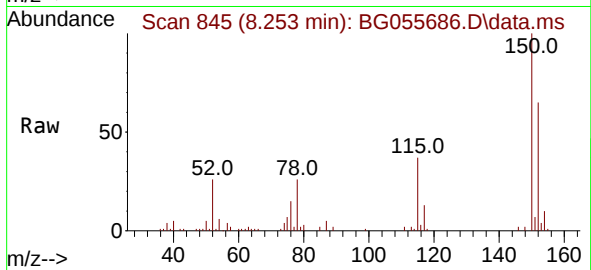
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	125464	42.273	ng	99
46) 1,1'-Biphenyl	13.712	154	367501	40.028	ng	98
47) 2-Chloronaphthalene	13.759	162	281481	39.444	ng	99
48) 2-Nitroaniline	13.953	65	97601	41.600	ng	99
49) Acenaphthylene	14.599	152	471647	40.136	ng	100
50) Dimethylphthalate	14.317	163	406056	40.430	ng	99
51) 2,6-Dinitrotoluene	14.440	165	86426	42.086	ng	99
52) Acenaphthene	14.940	154	346076m	45.061	ng	
53) 3-Nitroaniline	14.775	138	58974	26.160	ng	95
54) 2,4-Dinitrophenol	14.981	184	109837	93.026	ng	99
55) Dibenzofuran	15.275	168	469994	39.668	ng	99
56) 4-Nitrophenol	15.081	139	147827	83.551	ng	95
57) 2,4-Dinitrotoluene	15.228	165	124295	42.930	ng	95
58) Fluorene	15.921	166	379339	40.087	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.492	232	116448	40.492	ng	99
60) Diethylphthalate	15.674	149	407722	40.153	ng	100
61) 4-Chlorophenyl-phenyle...	15.903	204	213503	41.044	ng	99
62) 4-Nitroaniline	15.933	138	91711	38.918	ng	95
63) Azobenzene	16.197	77	350066	39.489	ng	99
65) 4,6-Dinitro-2-methylph...	15.991	198	74143	43.563	ng	98
66) n-Nitrosodiphenylamine	16.115	169	342308	40.751	ng	99
67) 4-Bromophenyl-phenylether	16.796	248	143772	41.399	ng	99
68) Hexachlorobenzene	16.920	284	159077	41.310	ng	100
69) Atrazine	17.055	200	122611	36.907	ng	99
70) Pentachlorophenol	17.266	266	199114	84.525	ng	100
71) Phenanthrene	17.660	178	640571	38.944	ng	99
72) Anthracene	17.754	178	643906	40.291	ng	99
73) Carbazole	18.018	167	572240	39.829	ng	100
74) Di-n-butylphthalate	18.553	149	686441	38.478	ng	100
75) Fluoranthene	19.658	202	728766	36.419	ng	100
77) Benzidine	19.828	184	213652	33.802	ng	98
78) Pyrene	20.016	202	742049	40.126	ng	100
80) Butylbenzylphthalate	20.886	149	287682	39.737	ng	99
81) Benzo(a)anthracene	21.896	228	734720	39.044	ng	100
82) 3,3'-Dichlorobenzidine	21.802	252	245244	37.089	ng	99
83) Chrysene	21.967	228	693584	38.717	ng	99
84) Bis(2-ethylhexyl)phtha...	21.773	149	415531	39.938	ng	99
85) Di-n-octyl phthalate	23.048	149	710325	39.894	ng	99
87) Indeno(1,2,3-cd)pyrene	29.276	276	876666	37.778	ng	99
88) Benzo(b)fluoranthene	24.246	252	778209	42.185	ng	99
89) Benzo(k)fluoranthene	24.317	252	752618	40.928	ng	99
90) Benzo(a)pyrene	25.175	252	684729	43.254	ng	99
91) Dibenzo(a,h)anthracene	29.346	278	754560	39.791	ng	98
92) Benzo(g,h,i)perylene	30.516	276	732663	38.334	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

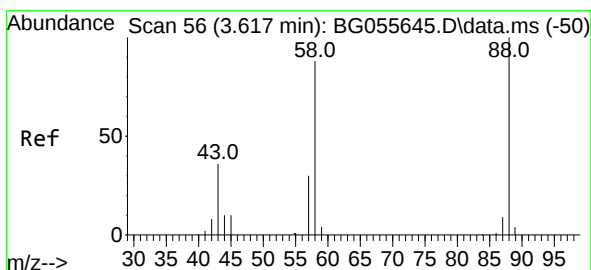
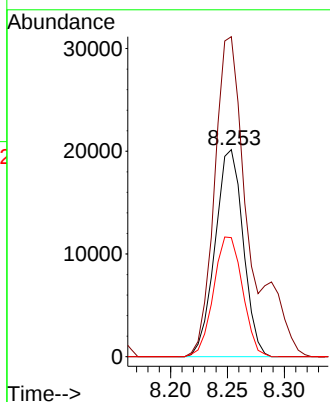
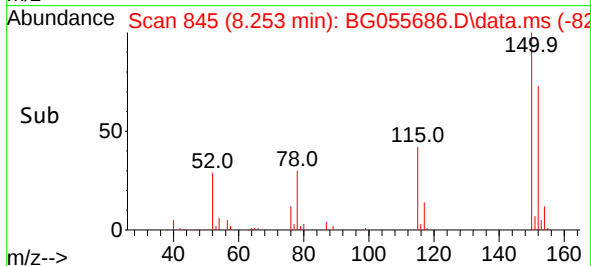
Instrument :
BNA_G
ClientSampleId :
PB148983BS



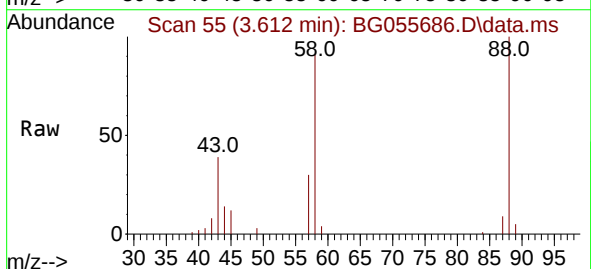
Tgt Ion:152 Resp: 3468
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.6
115 57.5 47.0 70.4

Manual Integrations
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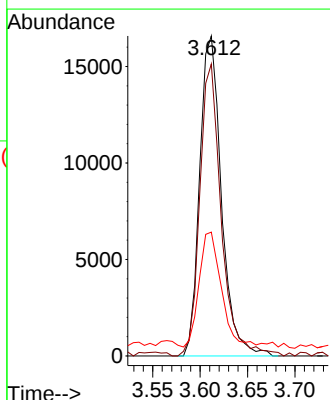
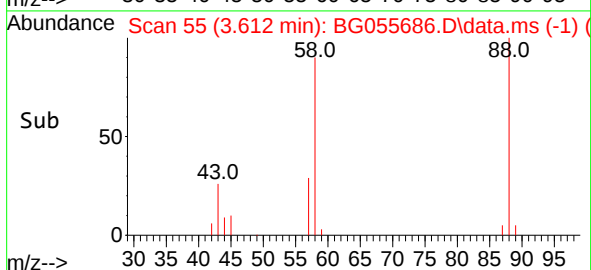
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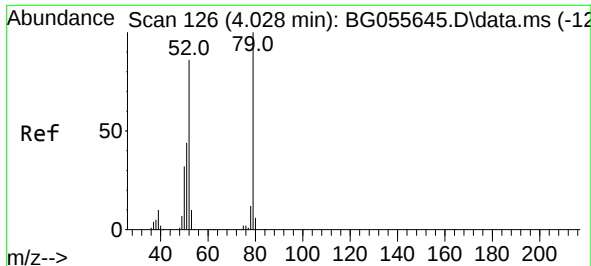


#2
1,4-Dioxane
Concen: 32.187 ng
RT: 3.612 min Scan# 55
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion: 88 Resp: 26393
Ion Ratio Lower Upper
88 100
58 90.4 71.3 106.9
43 36.5 28.6 43.0





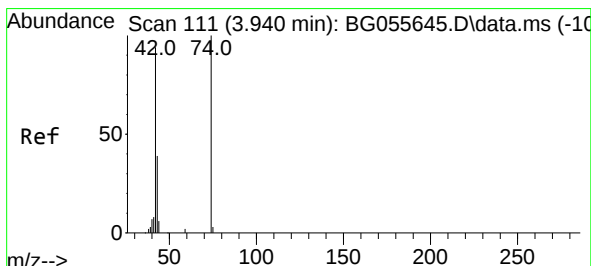
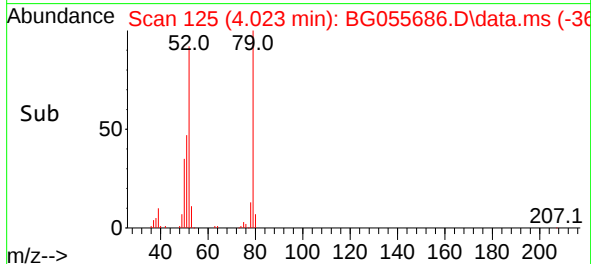
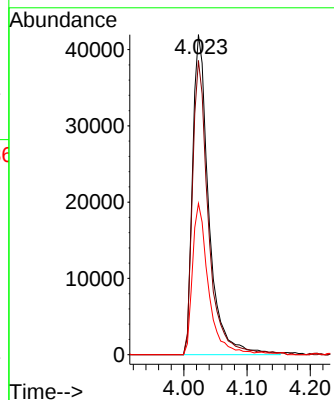
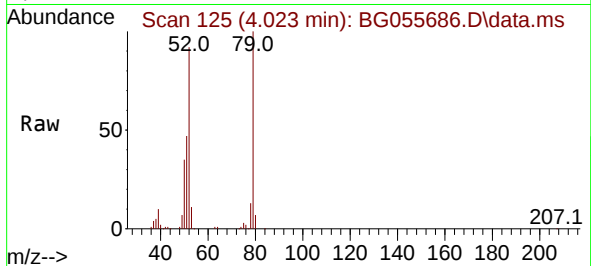
#3
Pyridine
Concen: 29.768 ng
RT: 4.023 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
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ClientSampleId :
PB148983BS

Tgt Ion: 79 Resp: 7488
Ion Ratio Lower Upper
79 100
52 91.9 68.9 103.3
51 47.3 34.8 52.2

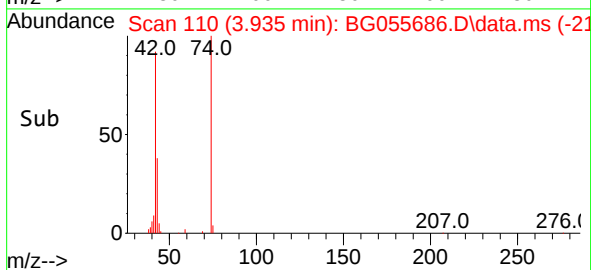
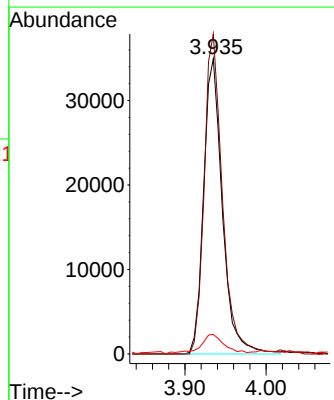
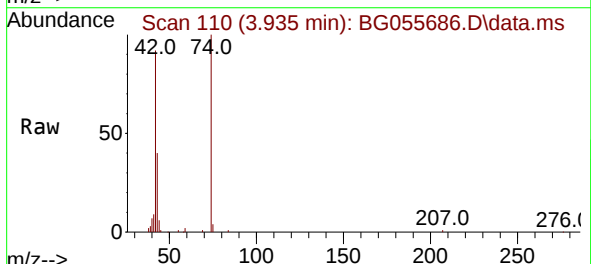
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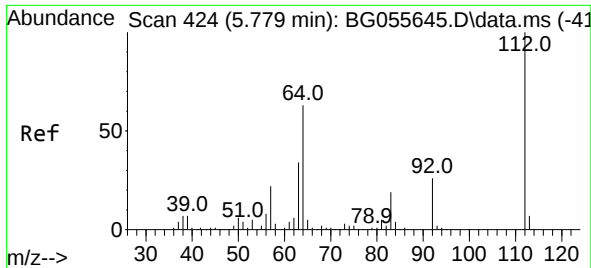
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#4
n-Nitrosodimethylamine
Concen: 42.007 ng
RT: 3.935 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion: 42 Resp: 55945
Ion Ratio Lower Upper
42 100
74 108.4 84.7 127.1
44 6.6 5.4 8.0





#5
2-Fluorophenol
Concen: 149.110 ng
RT: 5.786 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

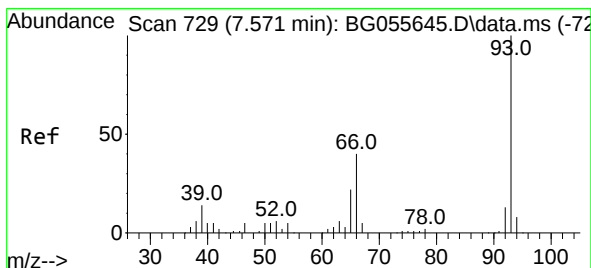
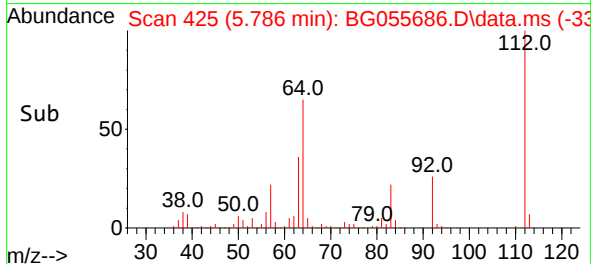
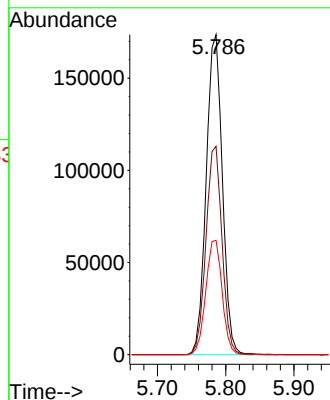
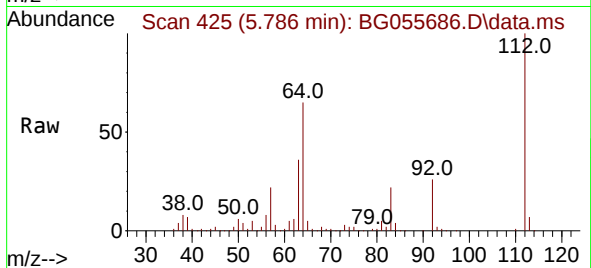
PB148983BS

Tgt Ion:112 Resp: 286100
Ion Ratio Lower Upper
112 100
64 65.1 50.6 76.0
63 35.7 27.5 41.3

Manual Integrations

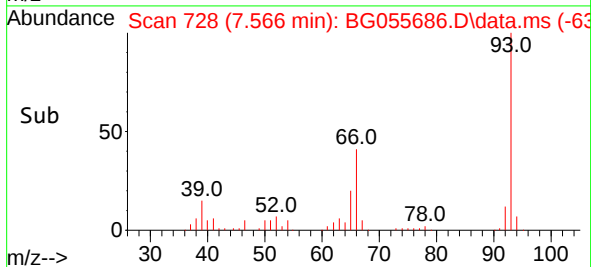
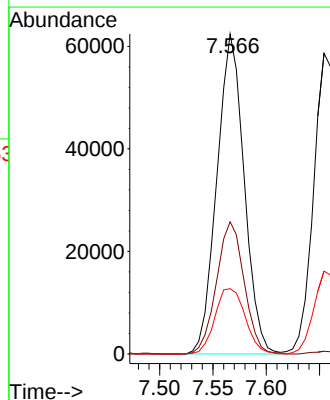
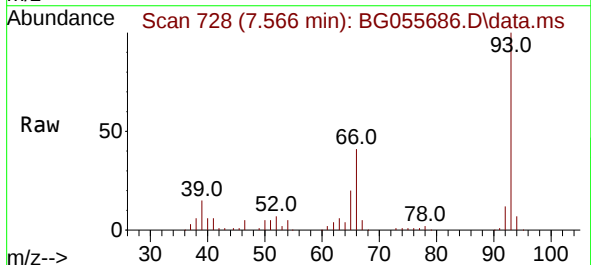
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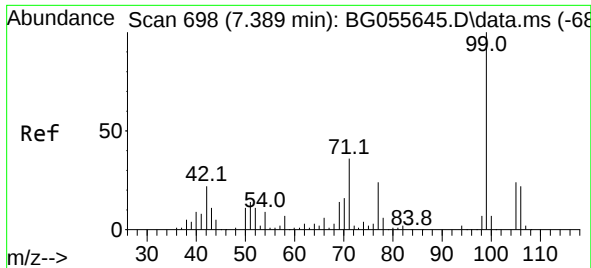
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#6
Aniline
Concen: 34.561 ng
RT: 7.566 min Scan# 728
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion: 93 Resp: 110876
Ion Ratio Lower Upper
93 100
66 41.3 31.7 47.5
65 20.4 17.9 26.9





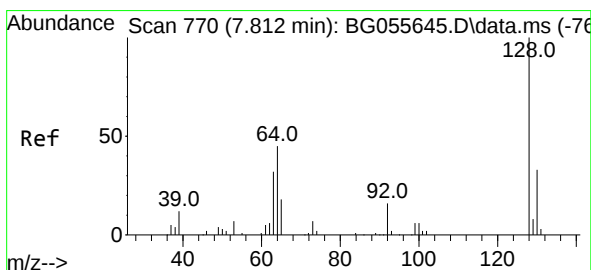
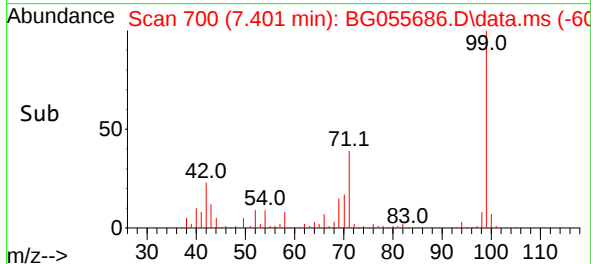
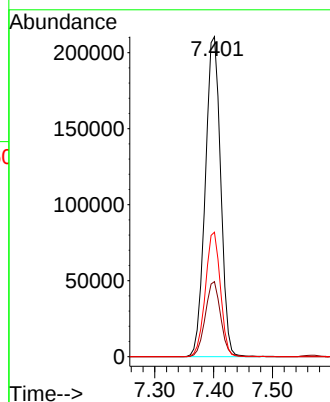
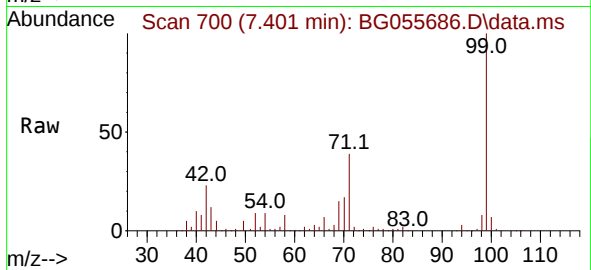
#7
Phenol-d6
Concen: 149.736 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.012 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 38245
Ion Ratio Lower Upper
99 100
42 23.5 18.0 27.0
71 38.9 29.0 43.6

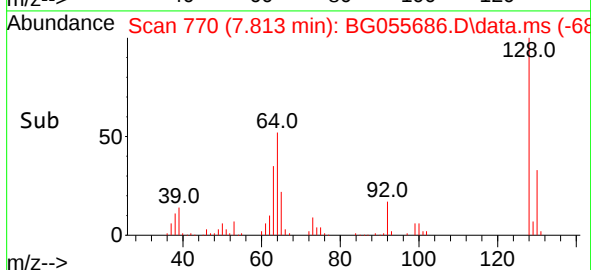
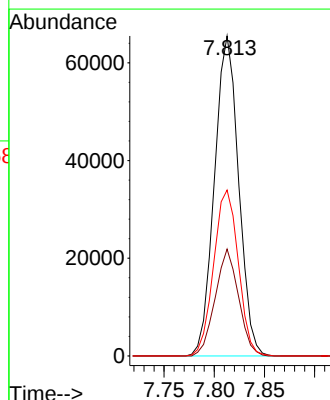
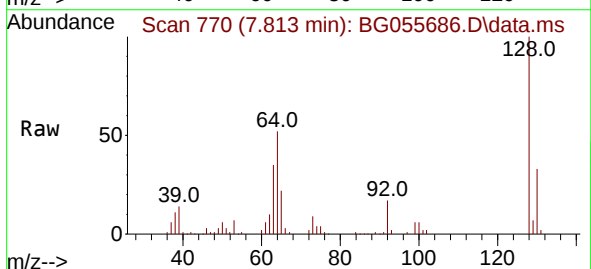
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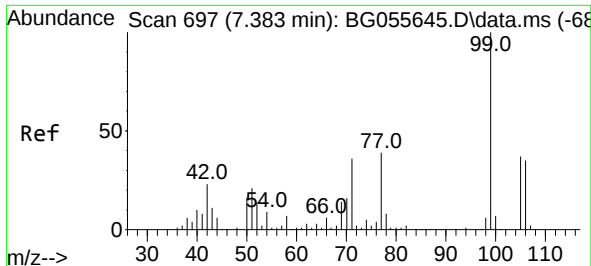
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Supervised By :Jagrut Upadhyay 11/21/2022



#8
2-Chlorophenol
Concen: 49.922 ng
RT: 7.813 min Scan# 770
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:128 Resp: 109504
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 51.9 30.2 70.2





#9
Benzaldehyde
Concen: 8.264 ng m
RT: 7.378 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

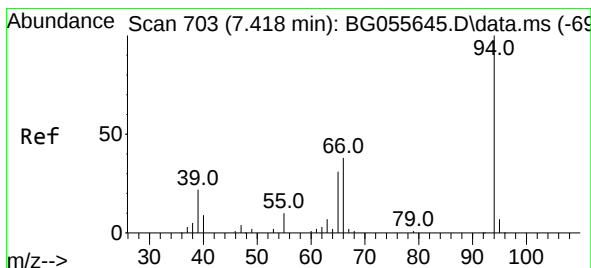
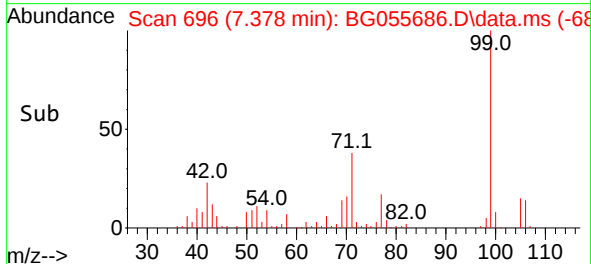
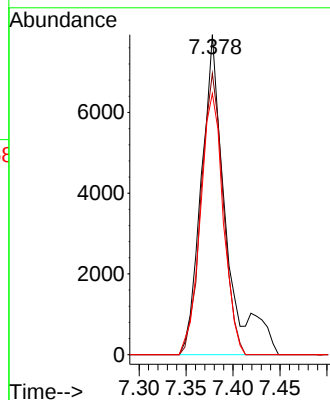
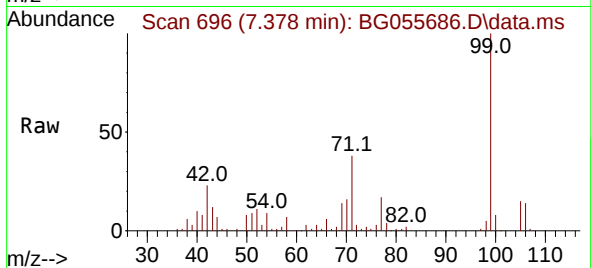
PB148983BS

Tgt Ion: 77 Resp: 1433
Ion Ratio Lower Upper
77 100
105 87.9 76.3 116.3
106 81.6 69.8 109.8

Manual Integrations

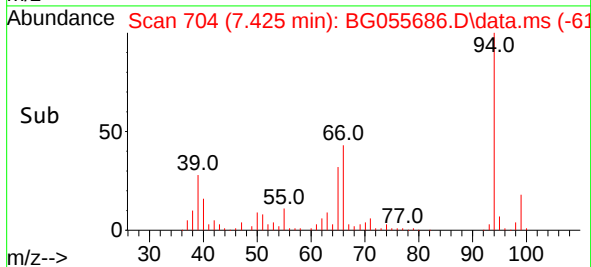
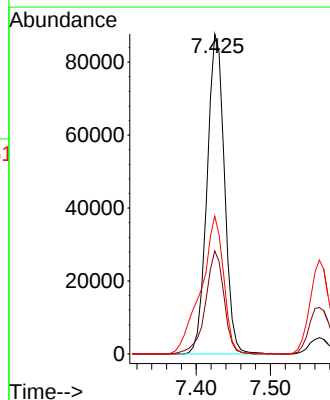
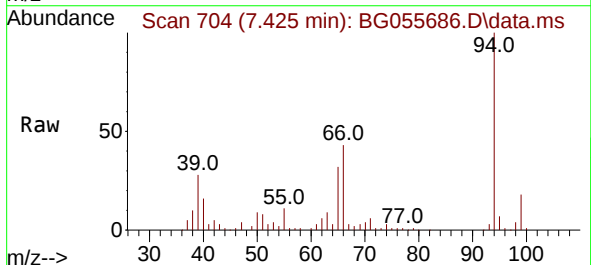
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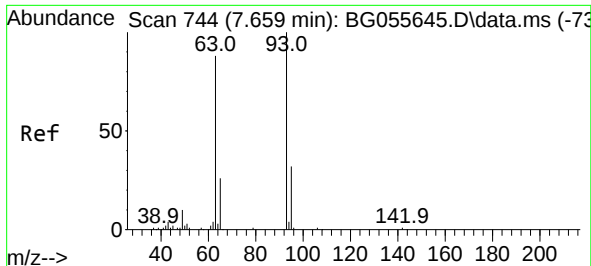
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#10
Phenol
Concen: 49.722 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion: 94 Resp: 142200
Ion Ratio Lower Upper
94 100
65 32.2 11.8 51.8
66 43.1 20.5 60.5





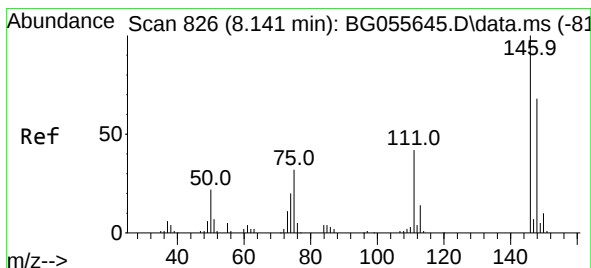
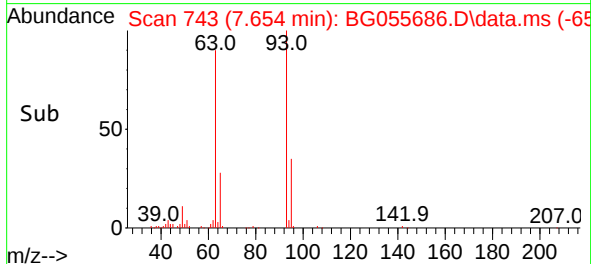
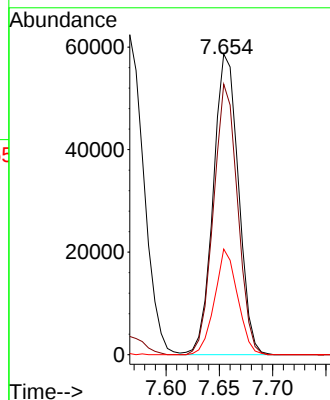
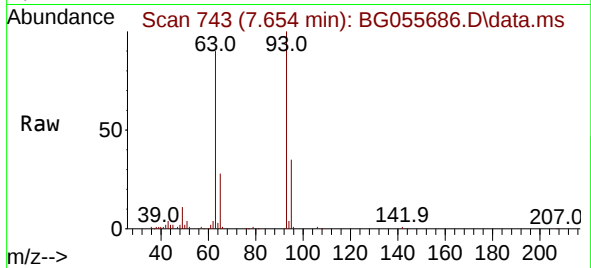
#11
bis(2-Chloroethyl)ether
Concen: 43.931 ng
RT: 7.654 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion: 93 Resp: 9628
Ion Ratio Lower Upper
93 100
63 90.0 67.6 107.6
95 35.1 11.8 51.8

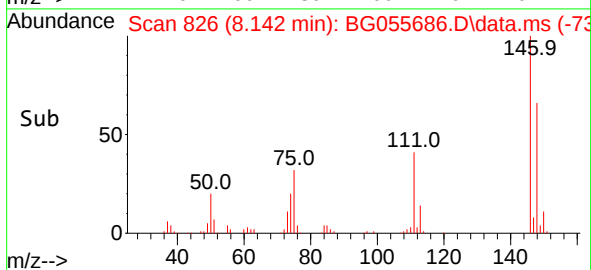
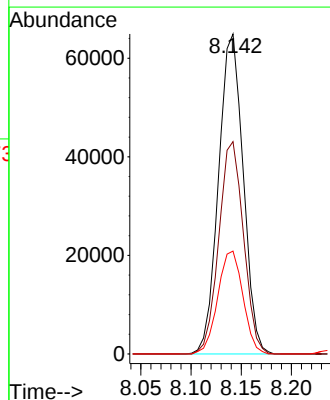
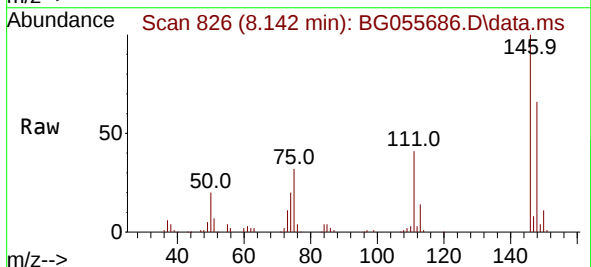
Manual Integrations
APPROVED

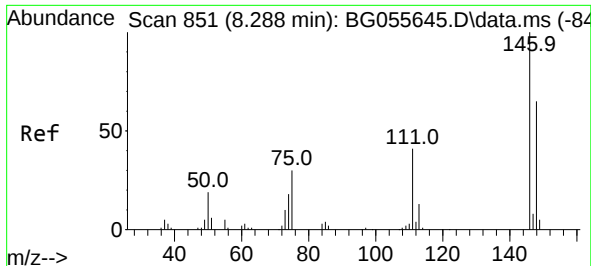
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#12
1,3-Dichlorobenzene
Concen: 42.889 ng
RT: 8.142 min Scan# 826
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:146 Resp: 110606
Ion Ratio Lower Upper
146 100
148 66.3 54.6 81.8
75 32.2 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 42.895 ng
RT: 8.289 min Scan# 851
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

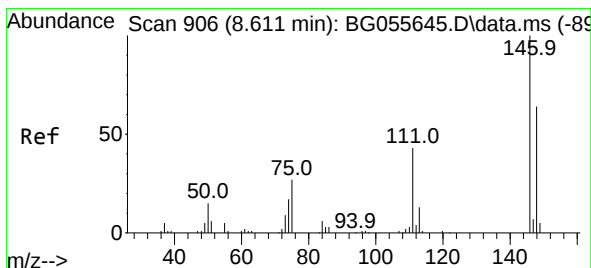
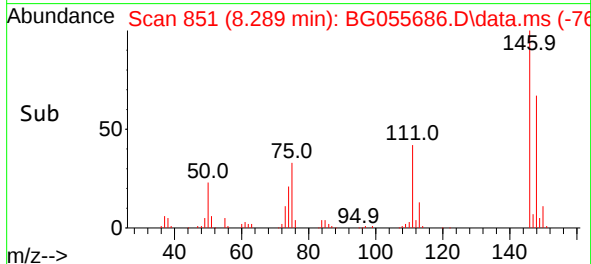
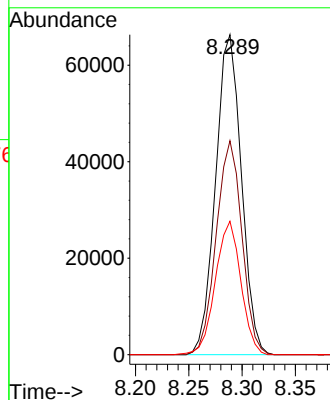
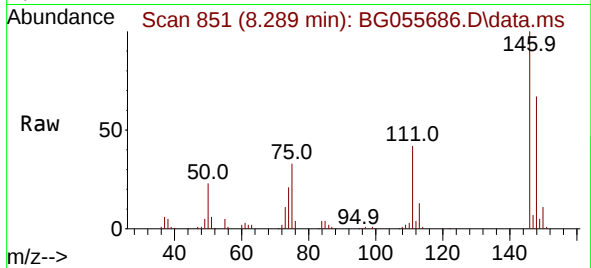
ClientSampleId :

PB148983BS

Tgt Ion:146 Resp: 111784
Ion Ratio Lower Upper
146 100
148 66.9 52.1 78.1
111 41.7 33.0 49.4

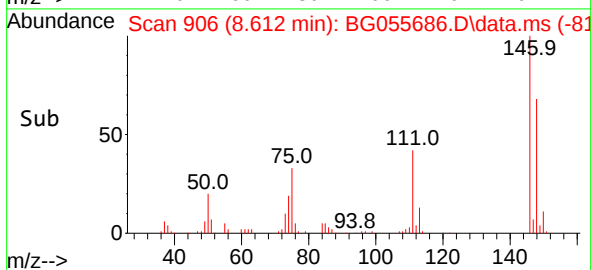
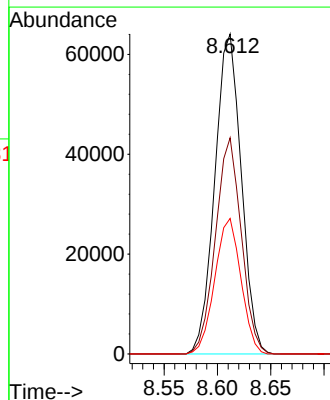
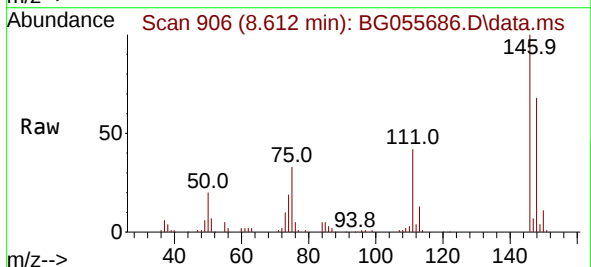
Manual Integrations
APPROVED

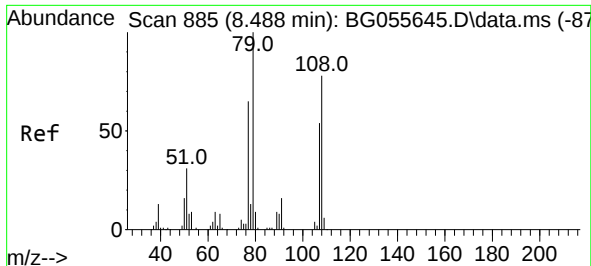
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#14
1,2-Dichlorobenzene
Concen: 44.250 ng
RT: 8.612 min Scan# 906
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

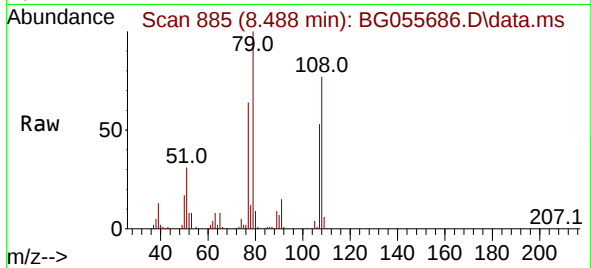
Tgt Ion:146 Resp: 110502
Ion Ratio Lower Upper
146 100
148 67.6 50.9 76.3
111 42.4 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.769 ng m
RT: 8.488 min Scan# 885
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

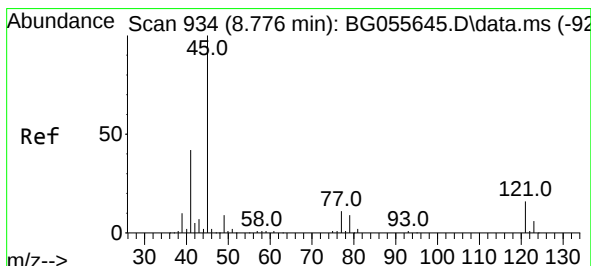
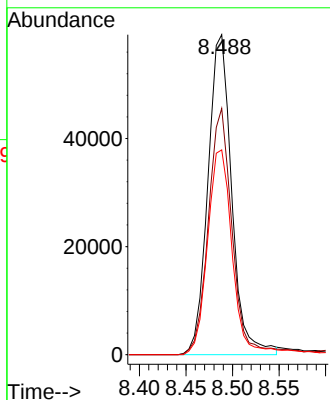
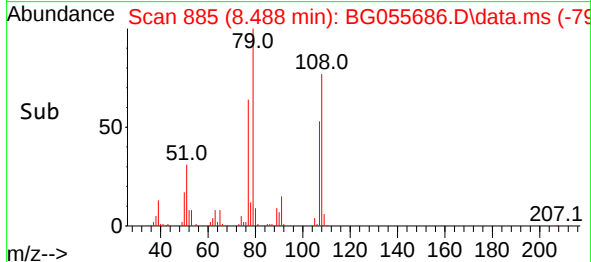
Instrument :
BNA_G
ClientSampleId :
PB148983BS



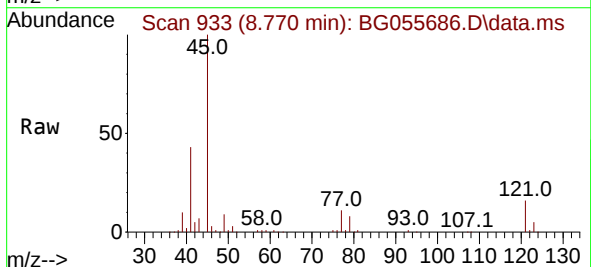
Tgt Ion: 79 Resp: 10538
Ion Ratio Lower Upper
79 100
108 76.9 62.6 93.8
77 64.0 52.4 78.6

Manual Integrations
APPROVED

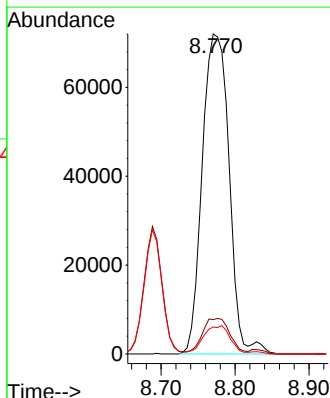
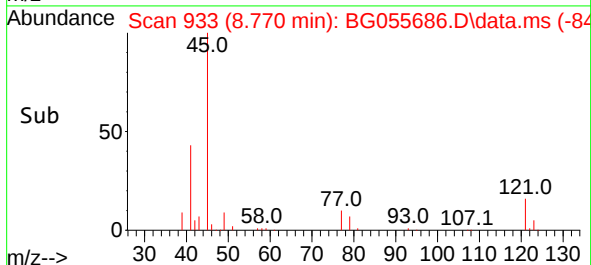
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

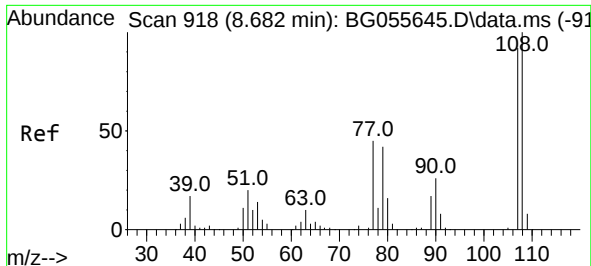


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.799 ng m
RT: 8.770 min Scan# 933
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion: 45 Resp: 181712
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.7
79 8.4 0.0 29.5





#17
2-Methylphenol
Concen: 49.141 ng
RT: 8.688 min Scan# 918
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

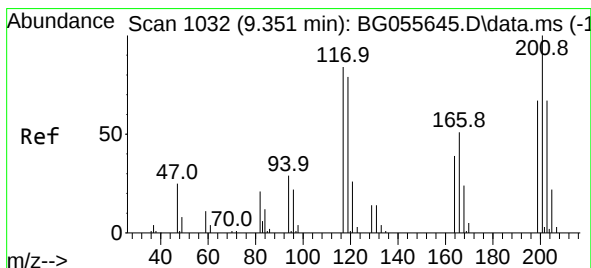
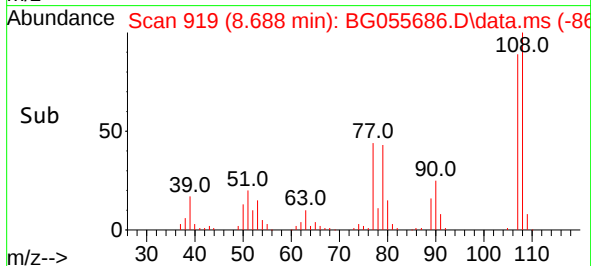
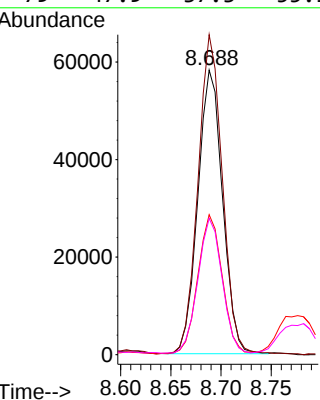
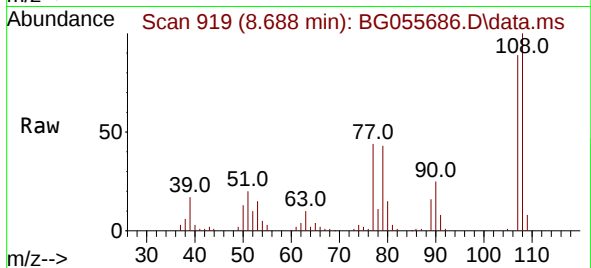
PB148983BS

Tgt Ion:107 Resp: 9977
Ion Ratio Lower Upper
107 100
108 112.4 87.3 130.9
77 49.2 39.4 59.0
79 47.9 37.3 55.9

Manual Integrations

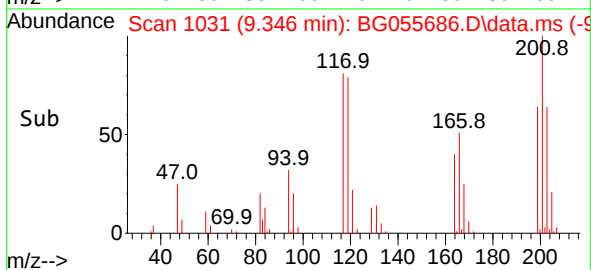
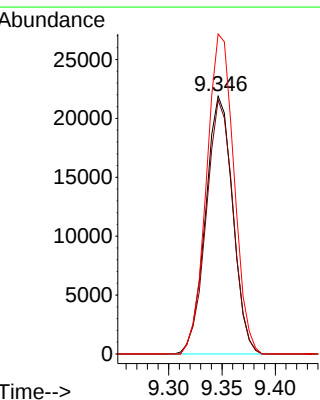
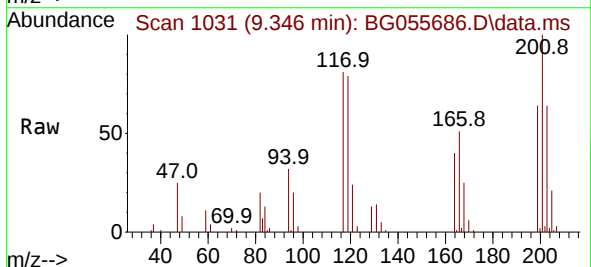
APPROVED

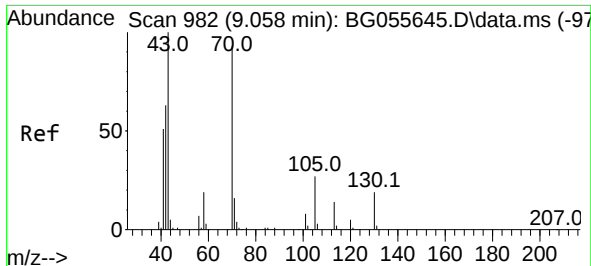
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#18
Hexachloroethane
Concen: 43.279 ng
RT: 9.346 min Scan# 1031
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:117 Resp: 38819
Ion Ratio Lower Upper
117 100
119 98.5 76.0 114.0
201 124.1 98.6 148.0





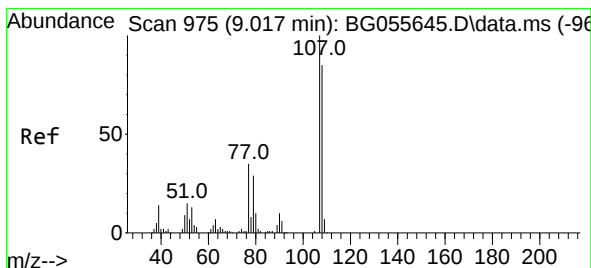
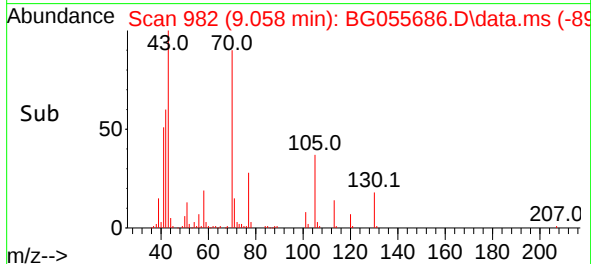
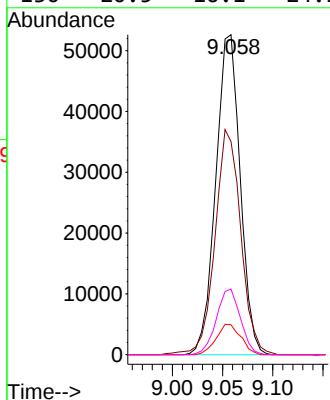
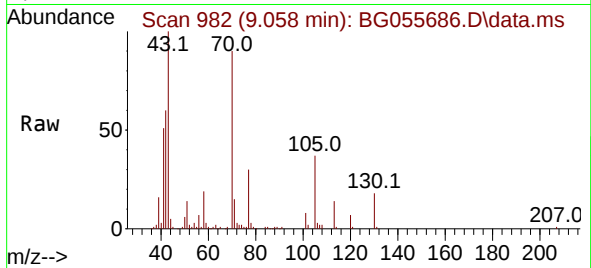
#19
n-Nitroso-di-n-propylamine
Concen: 45.353 ng
RT: 9.058 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion: 70 Resp: 89004
Ion Ratio Lower Upper
70 100
42 66.6 55.2 82.8
101 9.3 7.1 10.7
130 20.5 16.1 24.1

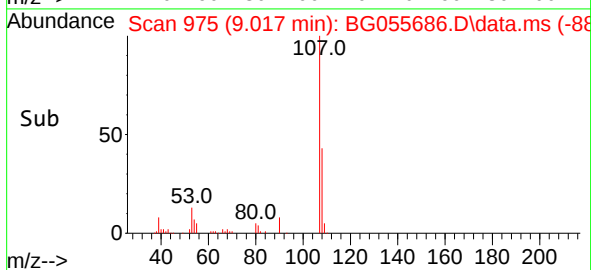
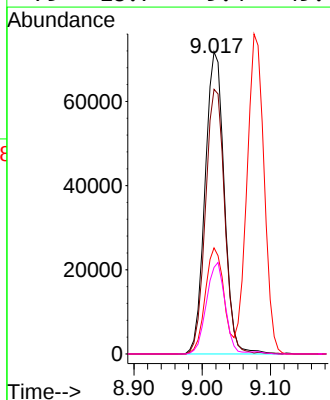
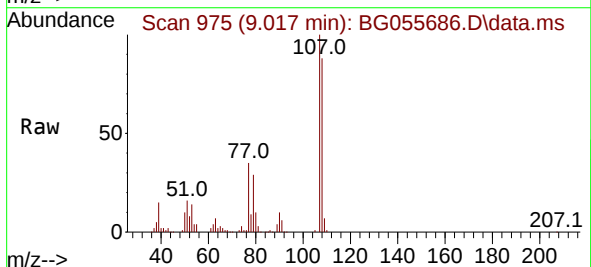
Manual Integrations
APPROVED

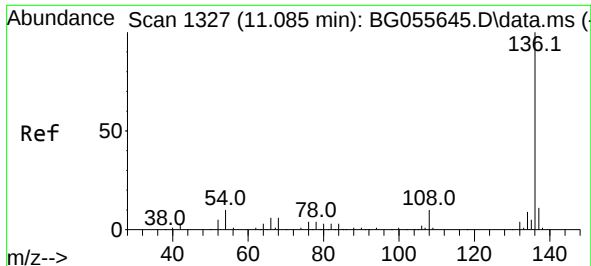
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#20
3+4-Methylphenols
Concen: 49.525 ng
RT: 9.017 min Scan# 975
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:107 Resp: 140471
Ion Ratio Lower Upper
107 100
108 87.6 65.5 105.5
77 35.1 14.6 54.6
79 28.7 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

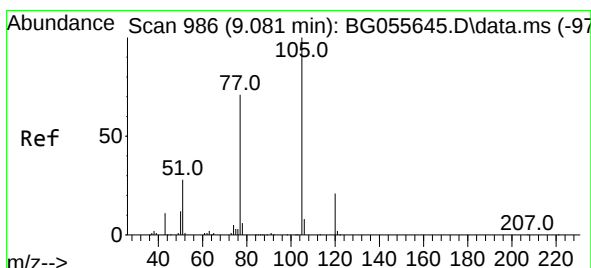
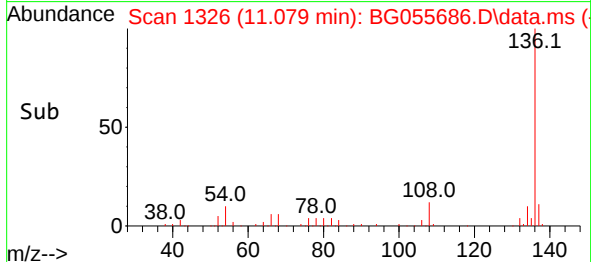
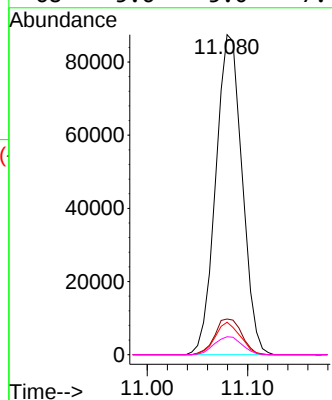
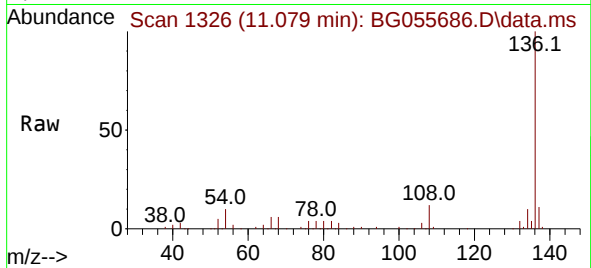
PB148983BS

Tgt Ion:136 Resp: 159752
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.2 7.8 11.6
68 5.6 5.0 7.4

Manual Integrations

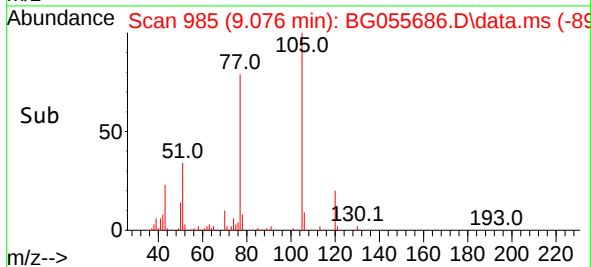
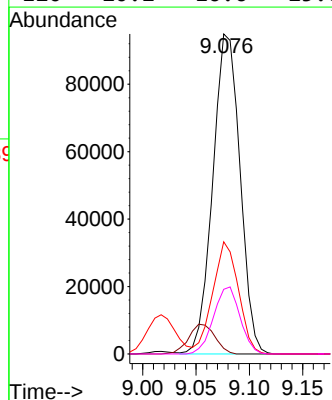
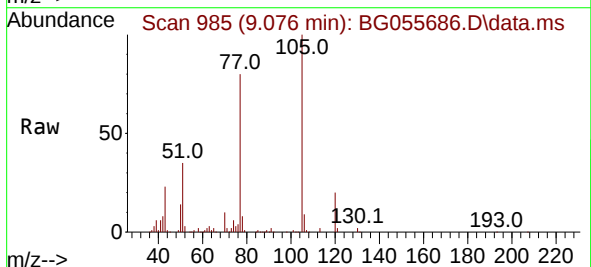
APPROVED

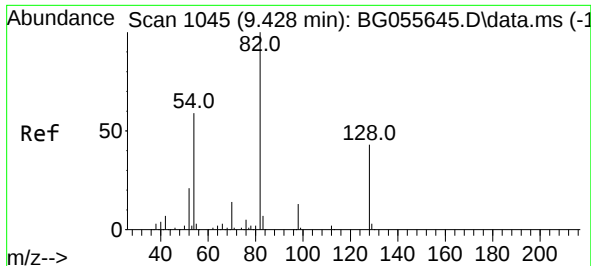
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#22
Acetophenone
Concen: 40.634 ng
RT: 9.076 min Scan# 985
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:105 Resp: 168678
Ion Ratio Lower Upper
105 100
71 1.7 0.6 1.0#
51 35.0 24.5 36.7
120 20.2 16.6 25.0





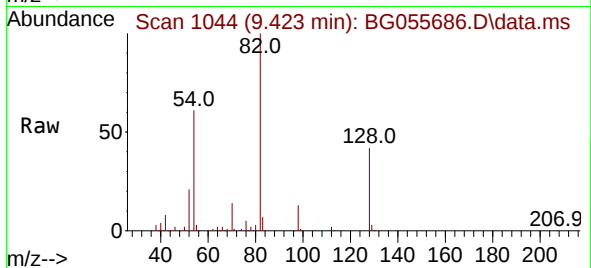
#23
Nitrobenzene-d5
Concen: 77.451 ng
RT: 9.423 min Scan# 1045
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

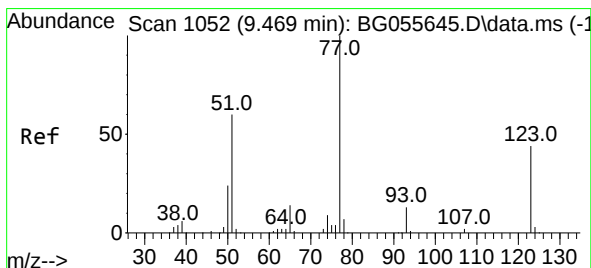
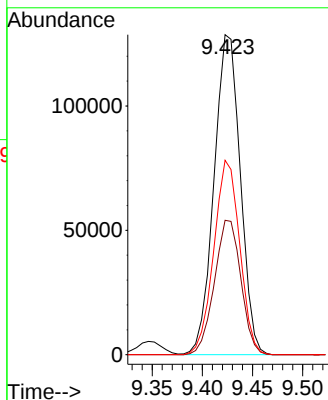
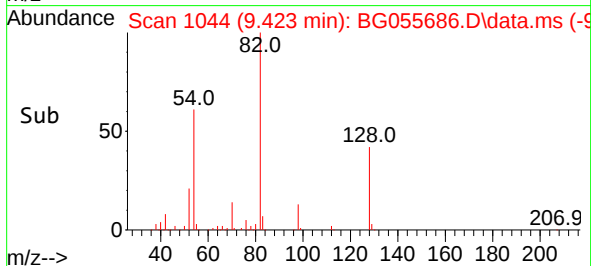


Tgt Ion: 82 Resp: 234092
Ion Ratio Lower Upper
82 100
128 42.0 34.1 51.1
54 60.8 47.3 70.9

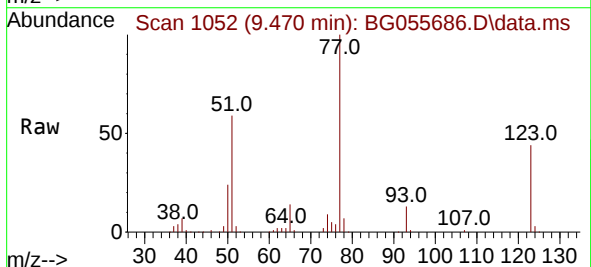
Manual Integrations

APPROVED

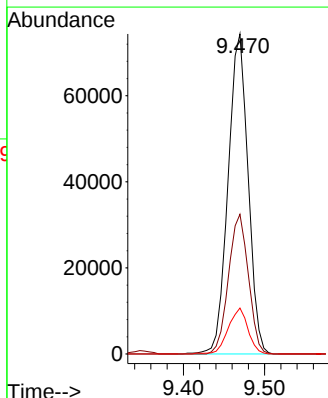
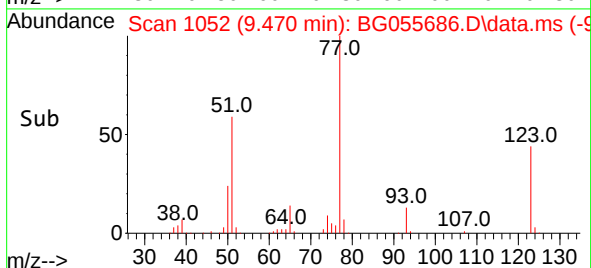
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

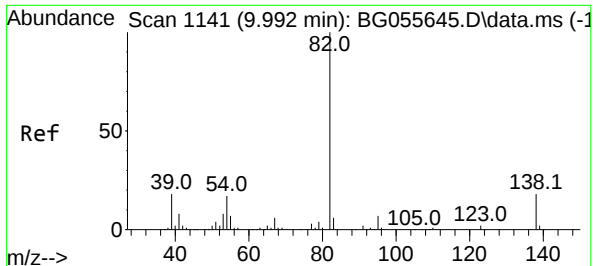


#24
Nitrobenzene
Concen: 40.249 ng
RT: 9.470 min Scan# 1052
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion: 77 Resp: 127067
Ion Ratio Lower Upper
77 100
123 43.7 35.5 53.3
65 14.4 11.5 17.3





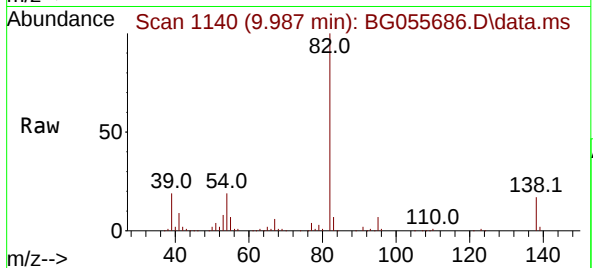
#25
Isophorone
Concen: 44.103 ng
RT: 9.987 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

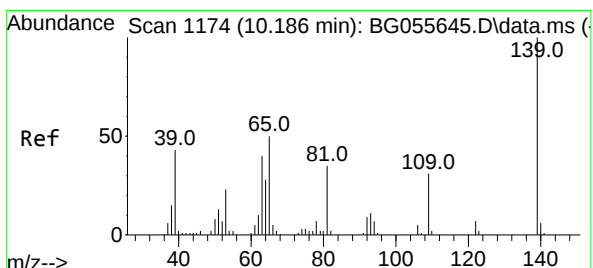
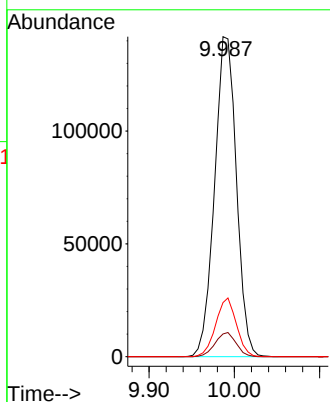
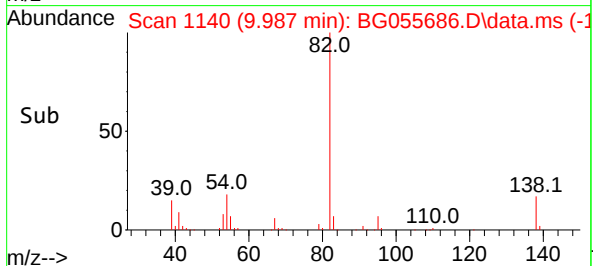


Tgt Ion: 82 Resp: 252569
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 14.2 21.4

Manual Integrations

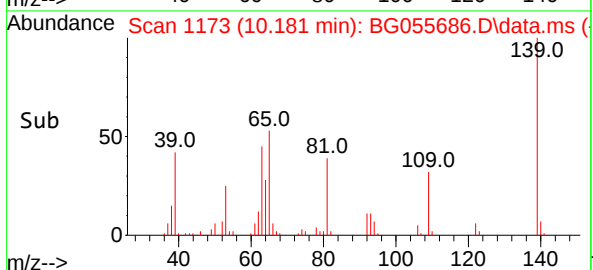
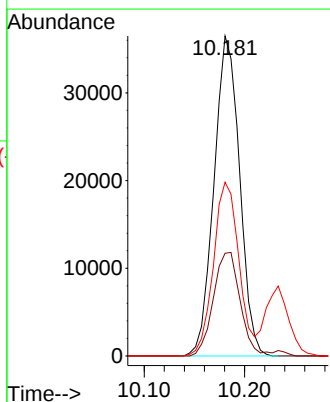
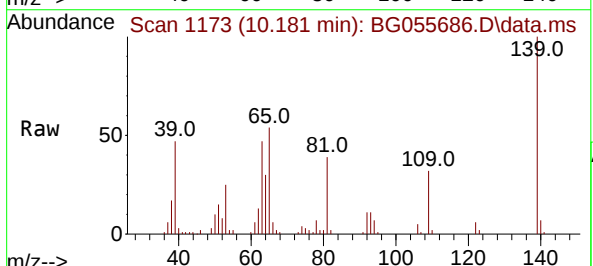
APPROVED

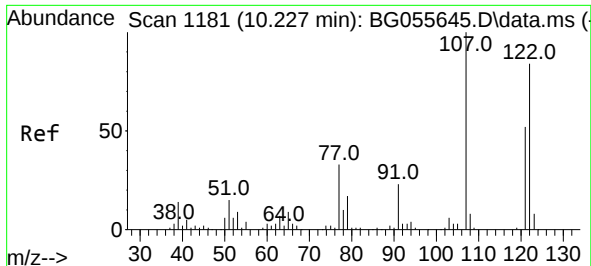
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#26
2-Nitrophenol
Concen: 44.253 ng
RT: 10.181 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:139 Resp: 64494
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 54.3 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 52.459 ng m

RT: 10.233 min Scan# 1181

Delta R.T. 0.007 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

Tgt Ion:122 Resp: 11635

Ion Ratio Lower Upper

122 100

107 122.0 95.8 143.6

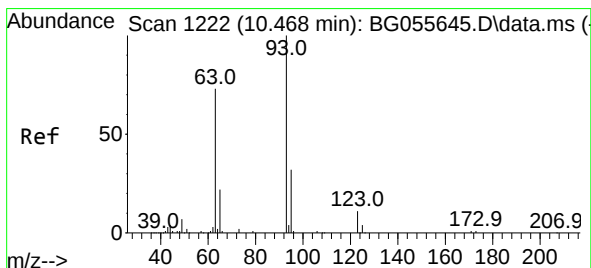
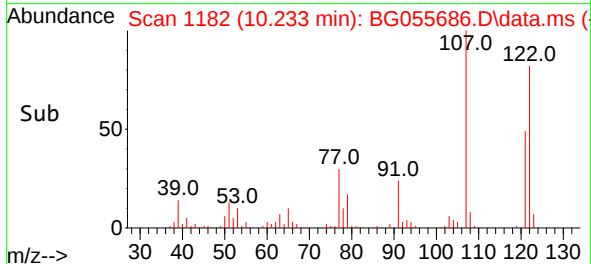
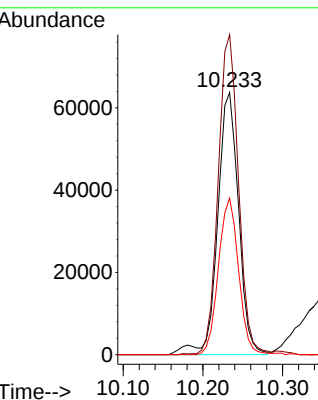
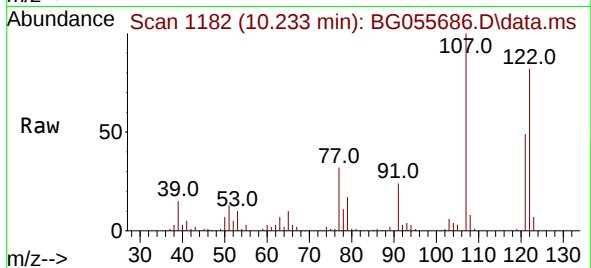
121 59.7 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.998 ng

RT: 10.468 min Scan# 1222

Delta R.T. 0.001 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

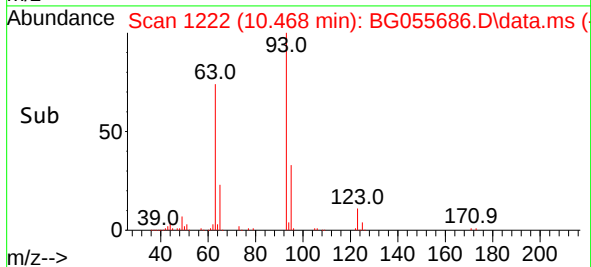
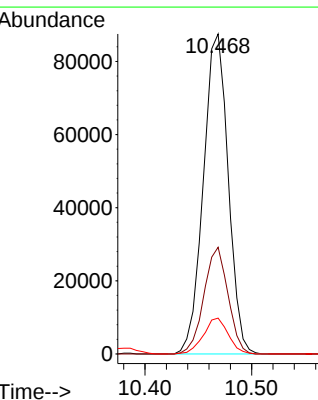
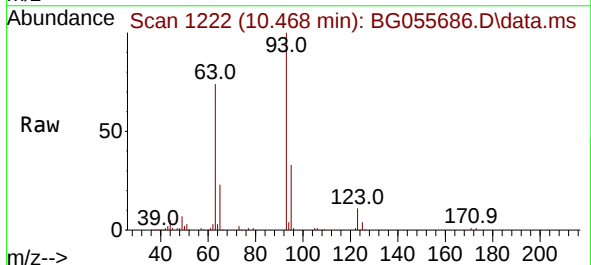
Tgt Ion: 93 Resp: 141418

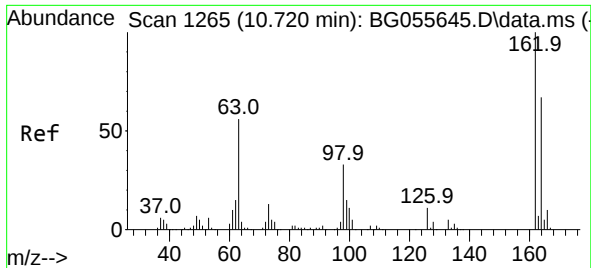
Ion Ratio Lower Upper

93 100

95 33.3 25.7 38.5

123 11.2 8.9 13.3





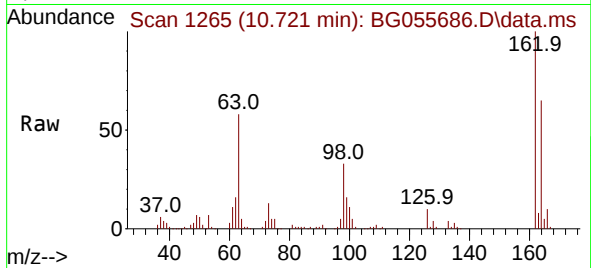
#29
2,4-Dichlorophenol
Concen: 45.792 ng
RT: 10.721 min Scan# 1265
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

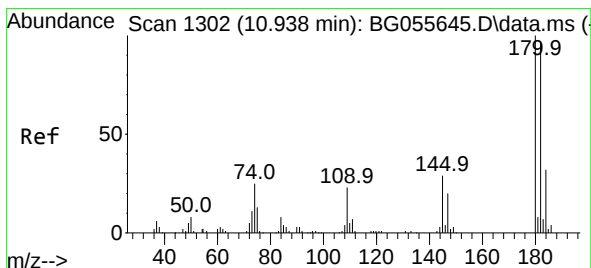
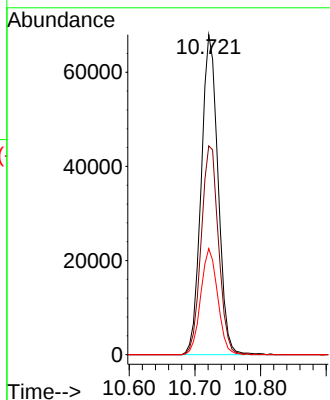
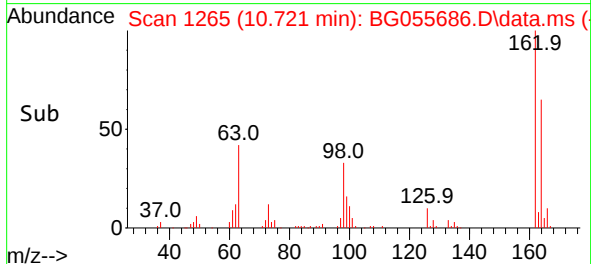


Tgt Ion:162 Resp: 121572
Ion Ratio Lower Upper
162 100
164 65.3 46.7 86.7
98 33.2 12.8 52.8

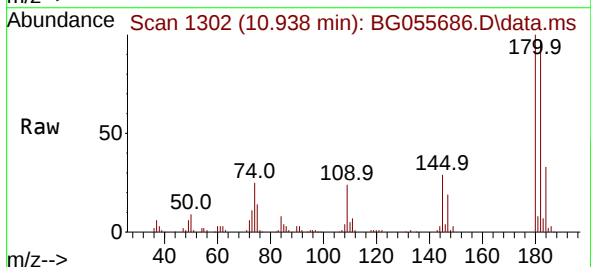
Manual Integrations

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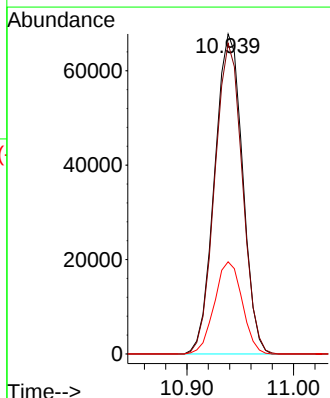
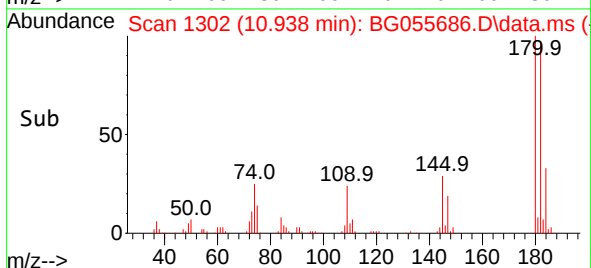
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

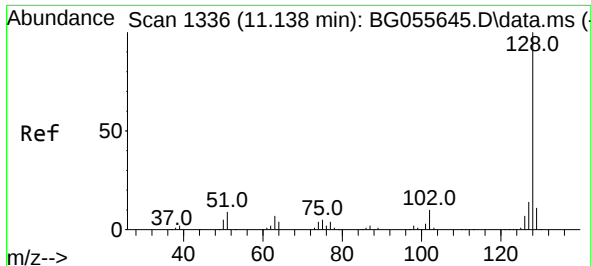


#30
1,2,4-Trichlorobenzene
Concen: 40.006 ng
RT: 10.938 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



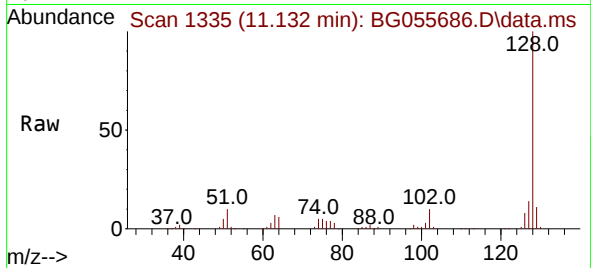
Tgt Ion:180 Resp: 123395
Ion Ratio Lower Upper
180 100
182 97.0 77.1 115.7
145 28.8 22.9 34.3





#31
Naphthalene
Concen: 39.206 ng
RT: 11.132 min Scan# 1113
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

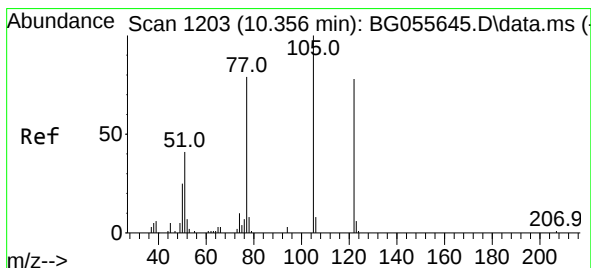
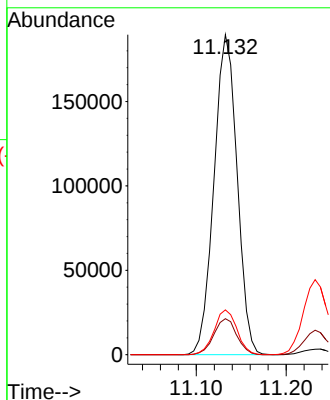
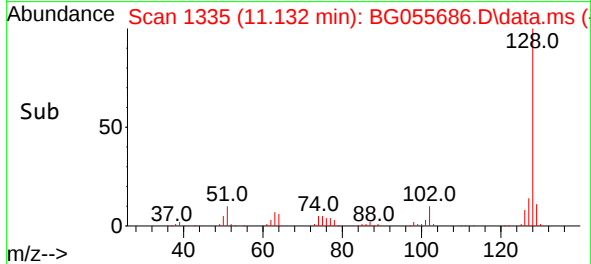
Instrument :
BNA_G
ClientSampleId :
PB148983BS



Tgt Ion:128 Resp: 338580
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.0 10.9 16.3

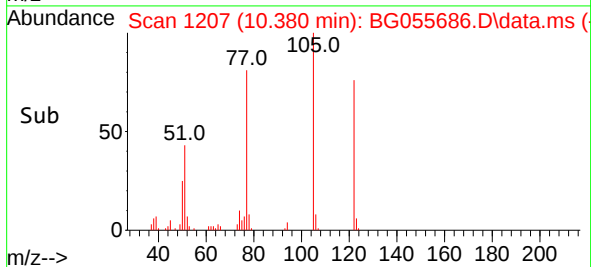
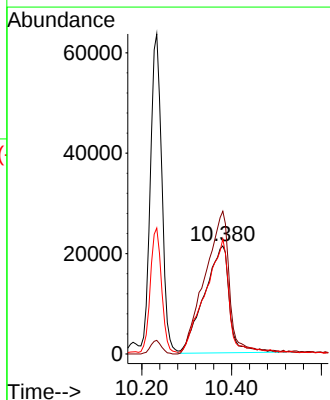
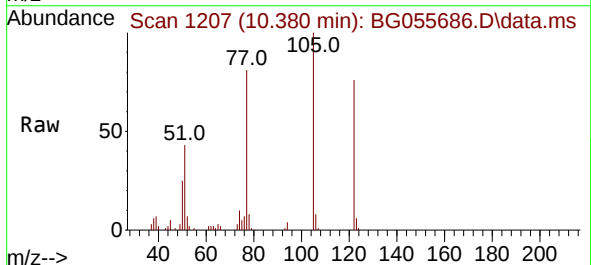
Manual Integrations
APPROVED

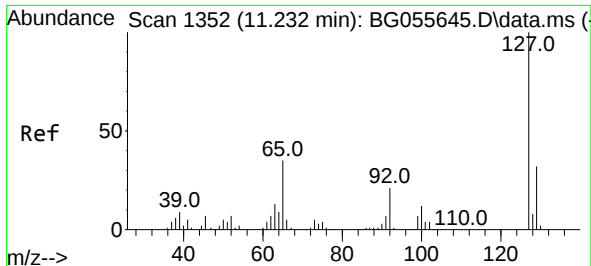
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#32
Benzoic acid
Concen: 45.614 ng
RT: 10.380 min Scan# 1207
Delta R.T. 0.024 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:122 Resp: 83241
Ion Ratio Lower Upper
122 100
105 132.2 104.3 144.3
77 106.5 79.9 119.9





#33
4-Chloroaniline
Concen: 24.935 ng
RT: 11.232 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

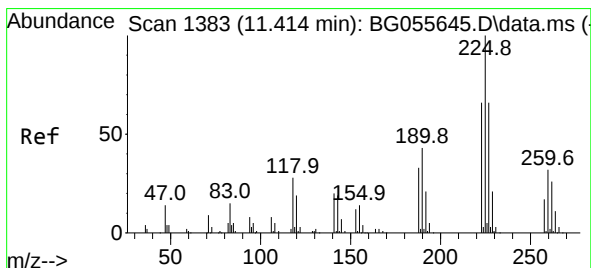
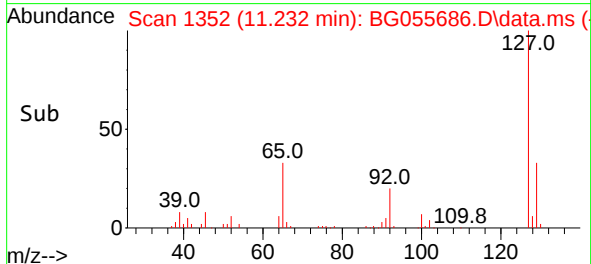
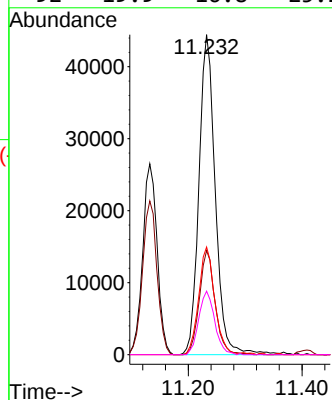
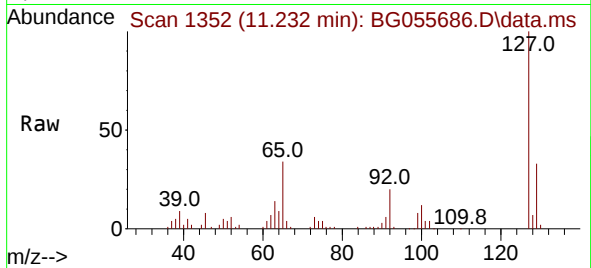
PB148983BS

Tgt Ion:127 Resp: 88830
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 33.7 27.9 41.9
92 19.9 16.8 25.2

Manual Integrations

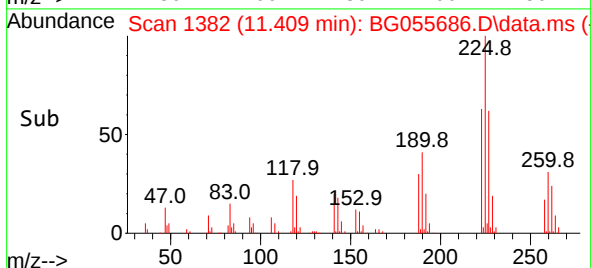
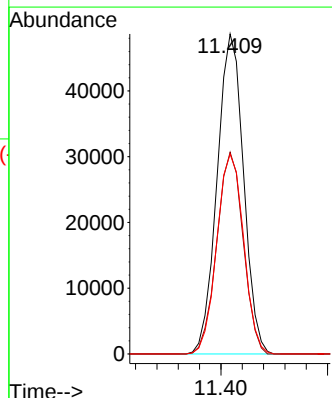
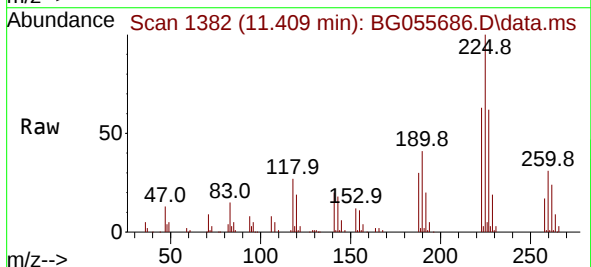
APPROVED

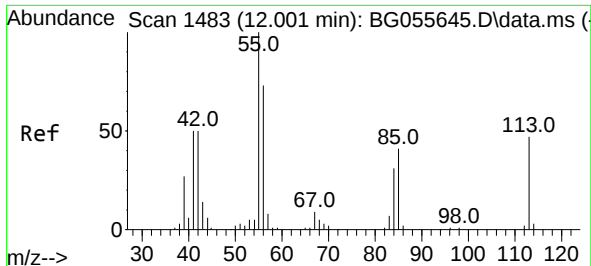
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#34
Hexachlorobutadiene
Concen: 39.770 ng
RT: 11.409 min Scan# 1382
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:225 Resp: 83761
Ion Ratio Lower Upper
225 100
223 63.1 52.9 79.3
227 65.2 52.6 79.0





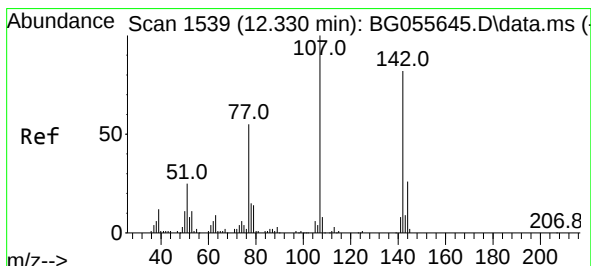
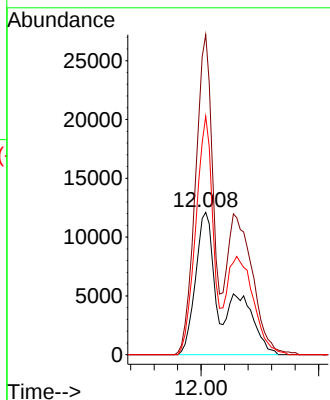
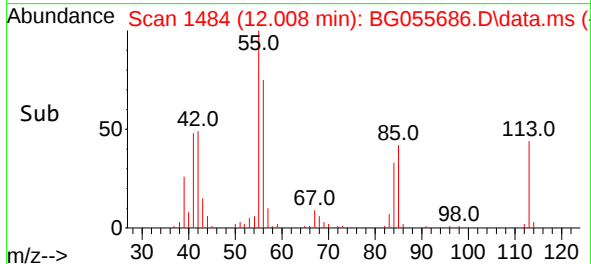
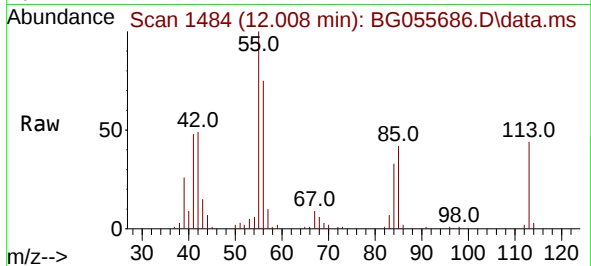
#35
Caprolactam
Concen: 45.613 ng m
RT: 12.008 min Scan# 1483
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion:113 Resp: 41900
Ion Ratio Lower Upper
113 100
55 224.8 193.5 233.5
56 167.5 135.2 175.2

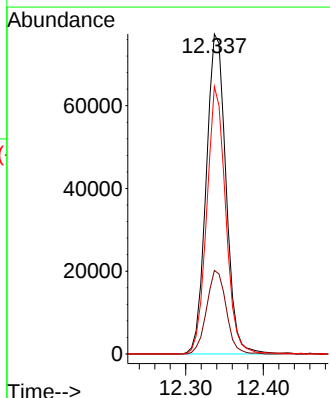
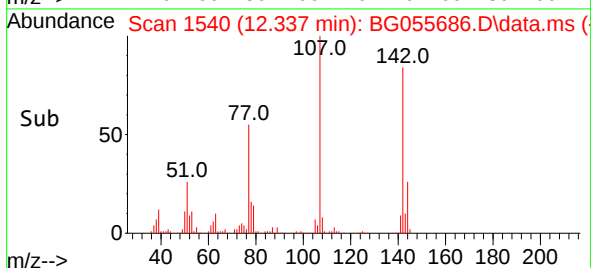
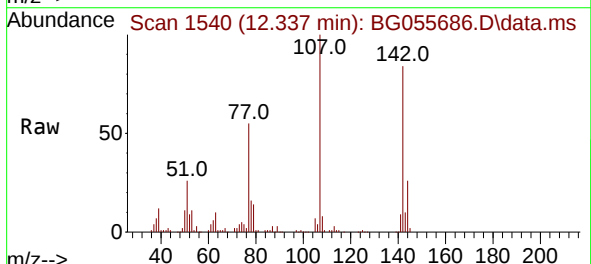
Manual Integrations
APPROVED

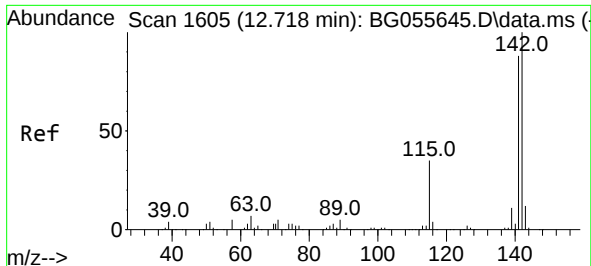
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#36
4-Chloro-3-methylphenol
Concen: 47.002 ng
RT: 12.337 min Scan# 1540
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:107 Resp: 137152
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.4
142 83.6 65.9 98.9





#37

2-Methylnaphthalene

Concen: 41.148 ng

RT: 12.719 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

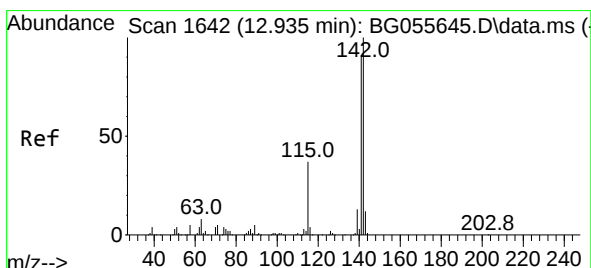
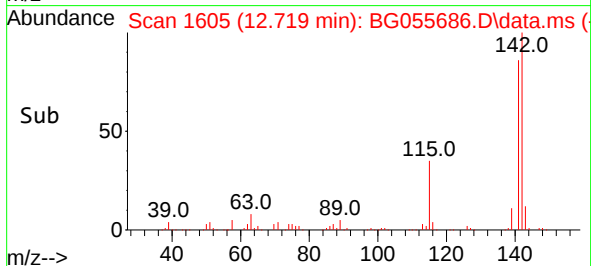
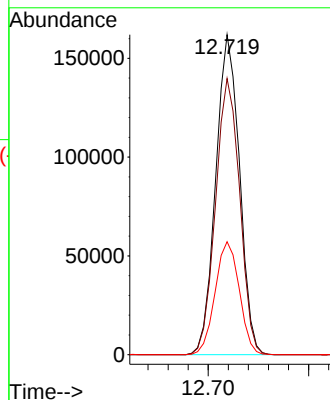
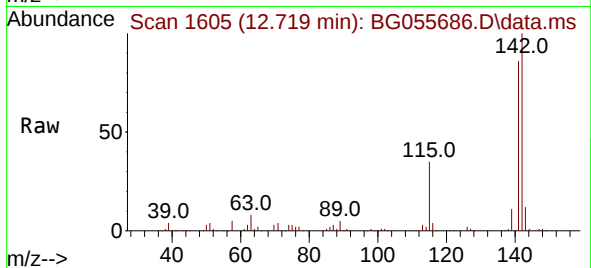
PB148983BS

Tgt Ion:142 Resp: 266060
 Ion Ratio Lower Upper
 142 100
 141 86.3 70.3 105.5
 115 35.3 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#38

1-Methylnaphthalene

Concen: 39.990 ng

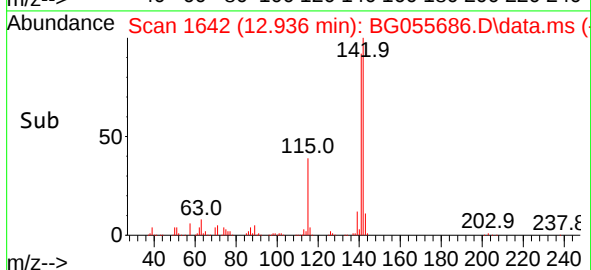
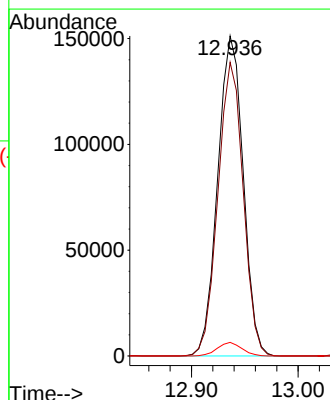
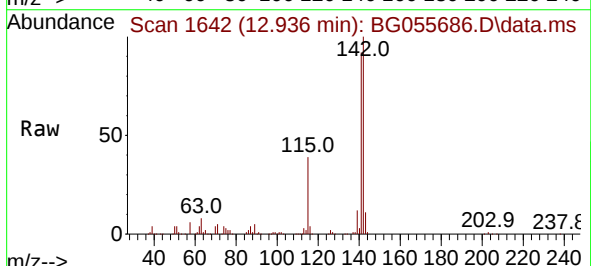
RT: 12.936 min Scan# 1642

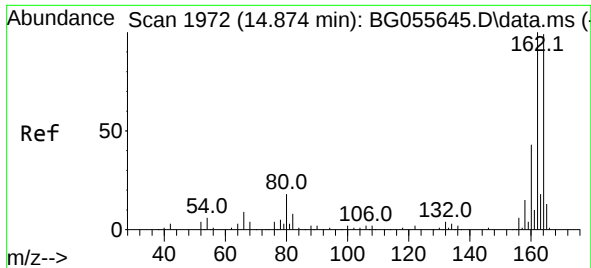
Delta R.T. 0.001 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Tgt Ion:142 Resp: 251028
 Ion Ratio Lower Upper
 142 100
 141 91.7 73.0 109.4
 116 4.3 3.1 4.7





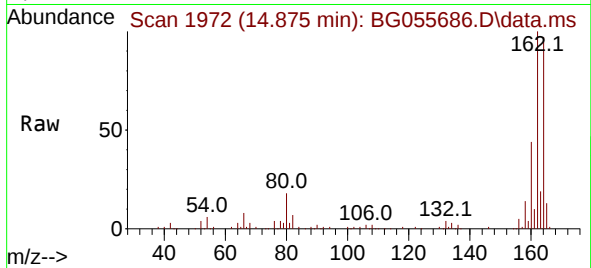
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

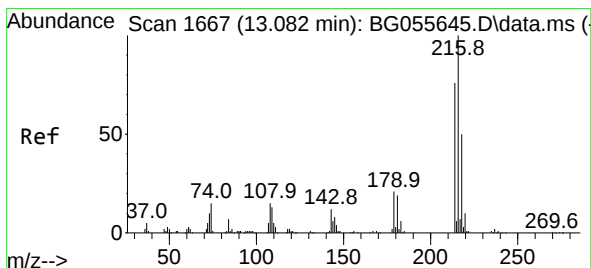
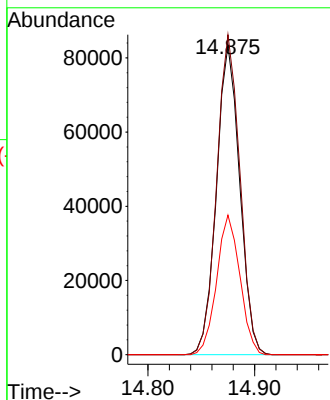
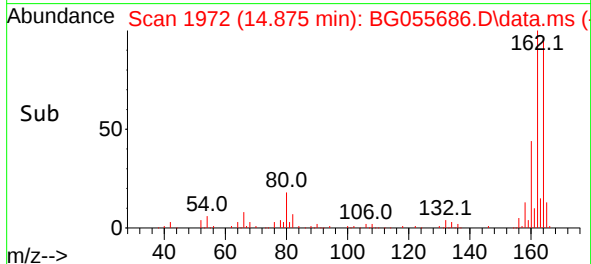


Tgt Ion:164 Resp: 125990
Ion Ratio Lower Upper
164 100
162 103.4 81.1 121.7
160 45.1 34.8 52.2

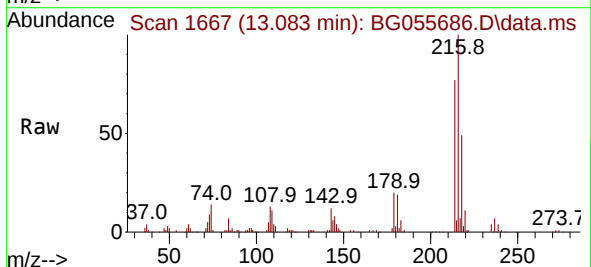
Manual Integrations

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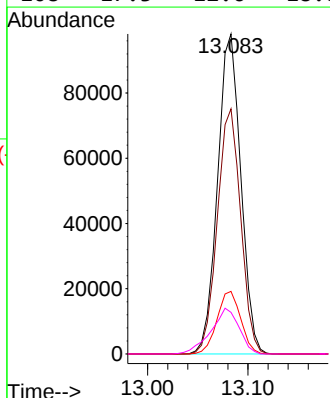
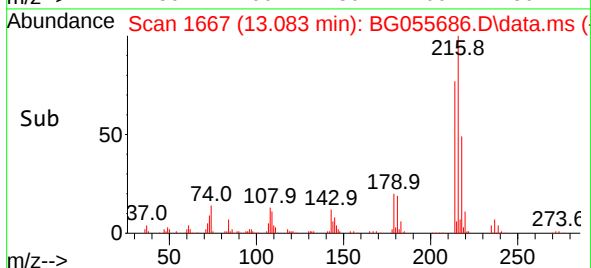
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

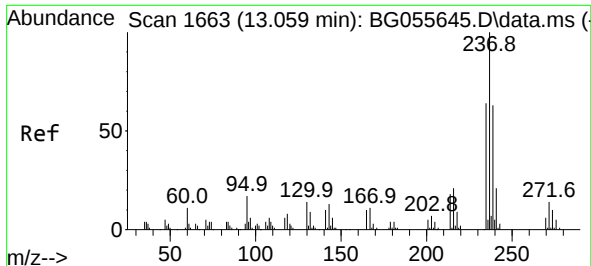


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.794 ng
RT: 13.083 min Scan# 1667
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:216 Resp: 157554
Ion Ratio Lower Upper
216 100
214 76.9 62.1 93.1
179 19.9 16.5 24.7
108 17.3 12.6 18.8





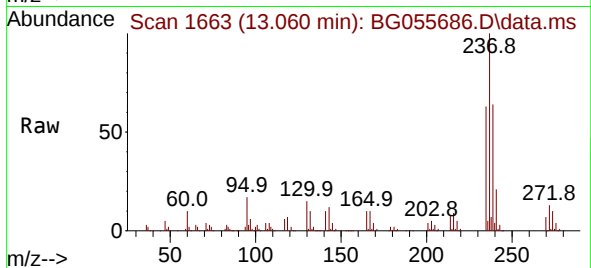
#41
Hexachlorocyclopentadiene
Concen: 97.785 ng
RT: 13.060 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

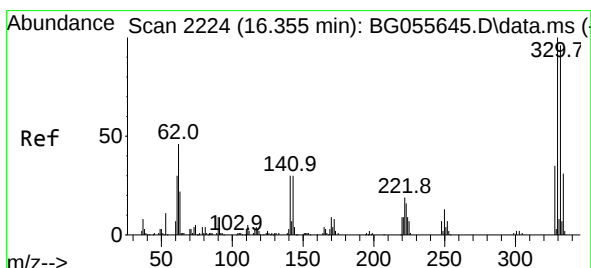
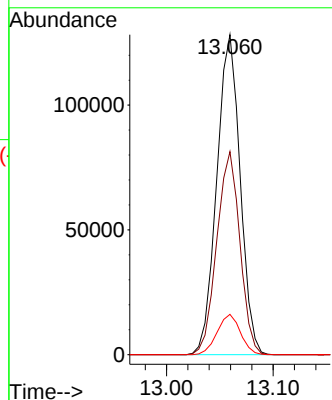
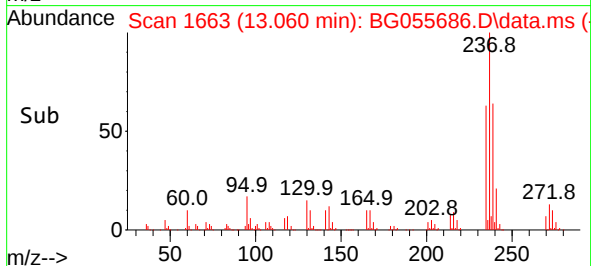


Tgt Ion:237 Resp: 19513
Ion Ratio Lower Upper
237 100
235 63.5 43.7 83.7
272 12.6 0.0 33.6

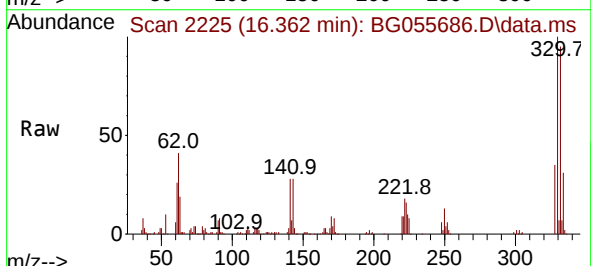
Manual Integrations

APPROVED

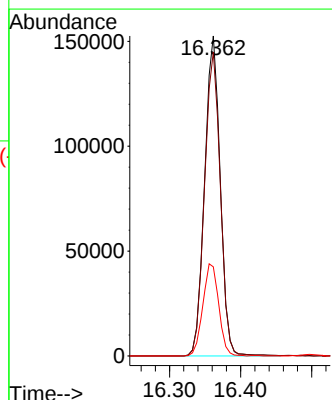
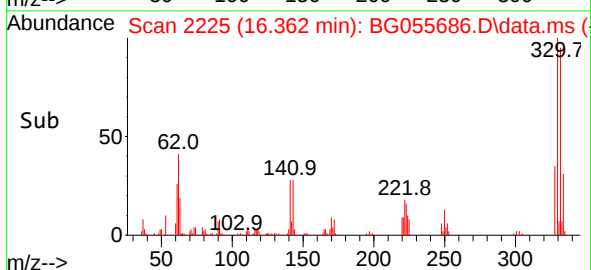
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

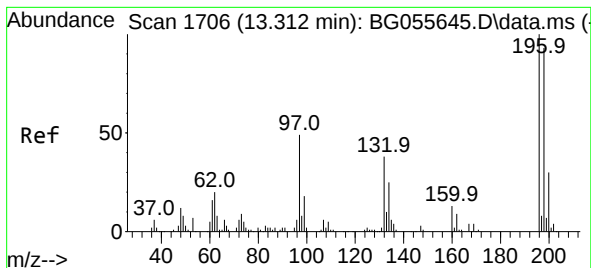


#42
2,4,6-Tribromophenol
Concen: 131.291 ng
RT: 16.362 min Scan# 2225
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:330 Resp: 232923
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 29.3 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 41.924 ng

RT: 13.312 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

Tgt Ion:196 Resp: 113229

Ion Ratio Lower Upper

196 100

198 94.5 74.6 112.0

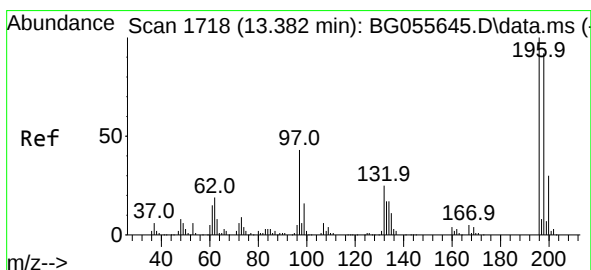
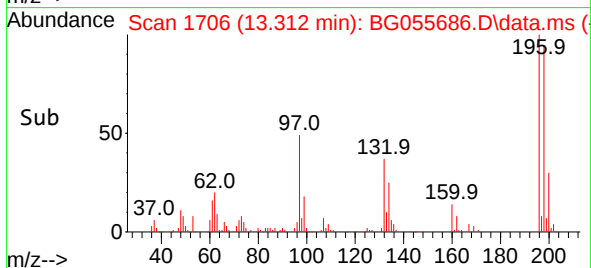
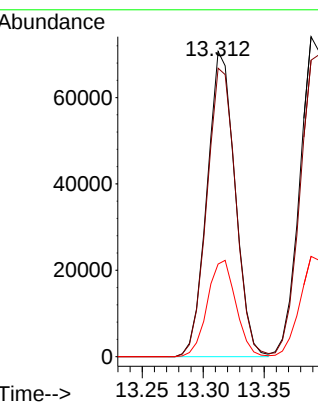
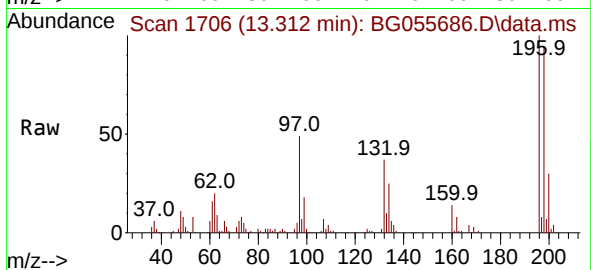
200 30.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#44

2,4,5-Trichlorophenol

Concen: 42.273 ng

RT: 13.389 min Scan# 1719

Delta R.T. 0.007 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Tgt Ion:196 Resp: 125464

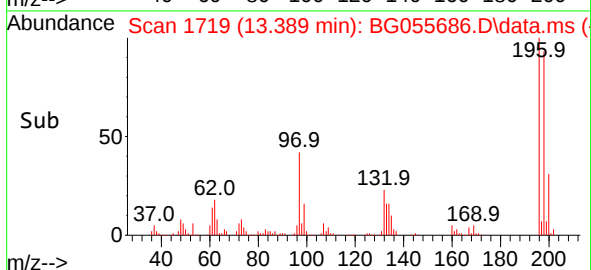
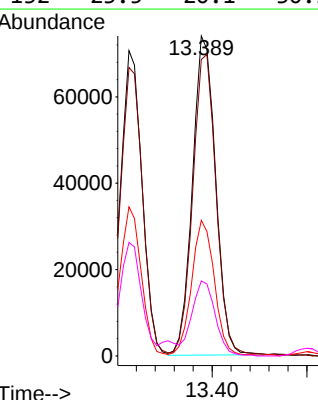
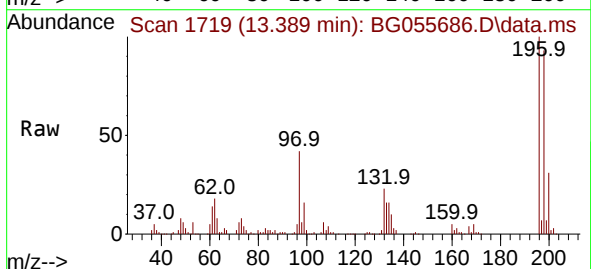
Ion Ratio Lower Upper

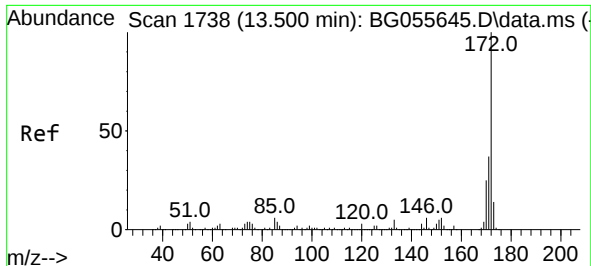
196 100

198 92.7 74.1 111.1

97 42.4 34.8 52.2

132 23.5 20.1 30.1





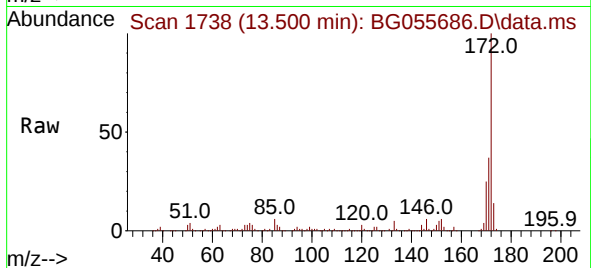
#45
2-Fluorobiphenyl
Concen: 75.021 ng
RT: 13.500 min Scan# 1738
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

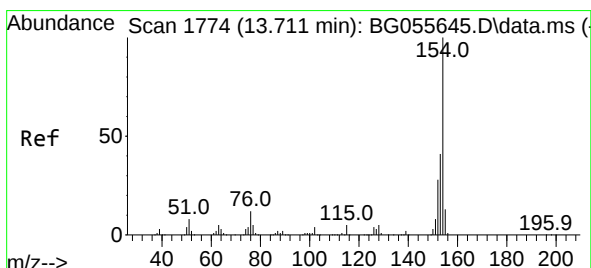
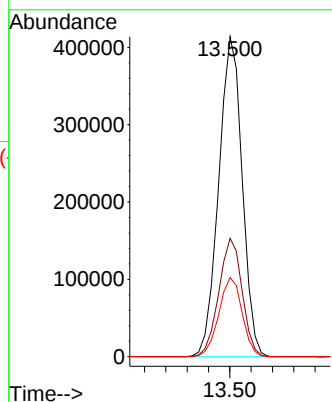
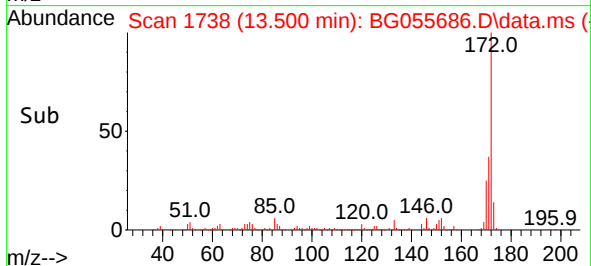


Tgt Ion:172 Resp: 630910
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.7 20.2 30.4

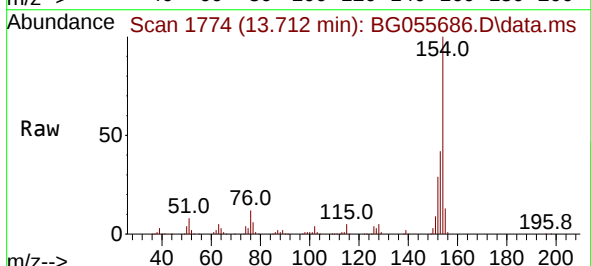
Manual Integrations

APPROVED

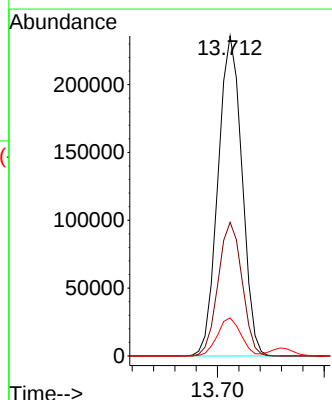
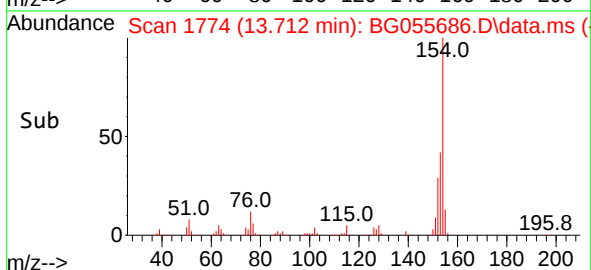
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

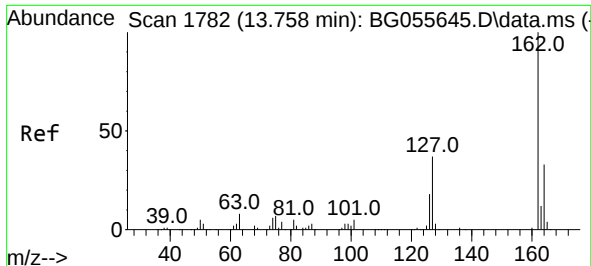


#46
1,1'-Biphenyl
Concen: 40.028 ng
RT: 13.712 min Scan# 1774
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:154 Resp: 367501
Ion Ratio Lower Upper
154 100
153 41.8 20.6 60.6
76 11.9 0.0 32.4





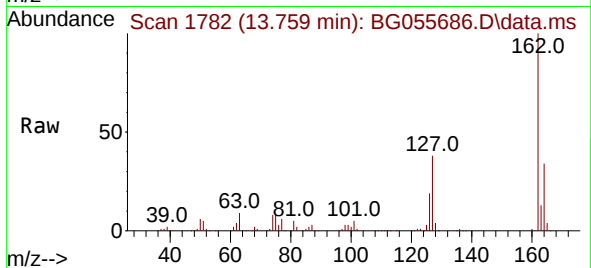
#47
2-Chloronaphthalene
Concen: 39.444 ng
RT: 13.759 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

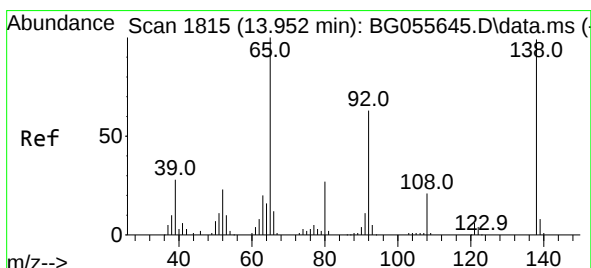
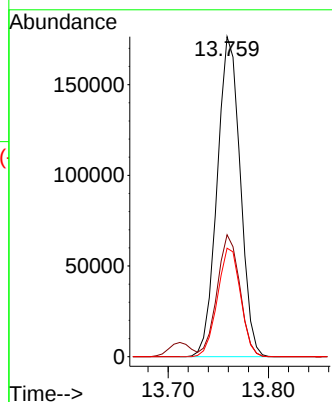
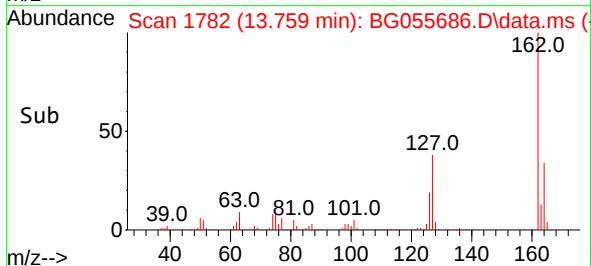


Tgt Ion:162 Resp: 28148
Ion Ratio Lower Upper
162 100
127 38.1 29.9 44.9
164 33.9 26.4 39.6

Manual Integrations

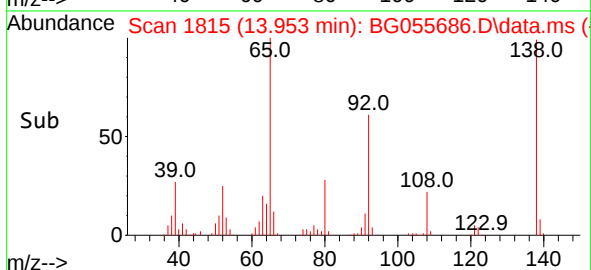
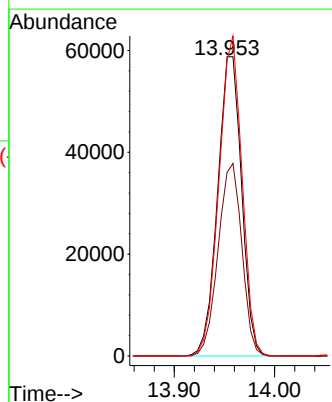
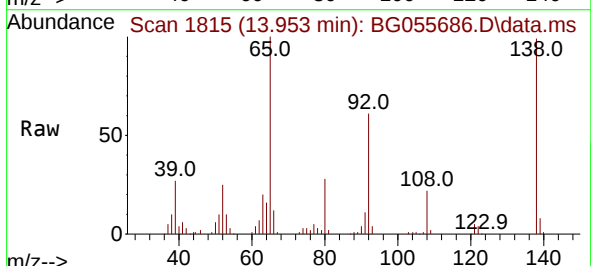
APPROVED

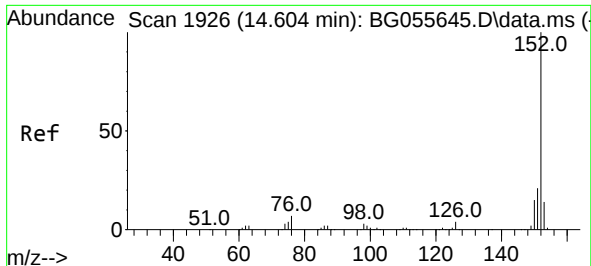
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#48
2-Nitroaniline
Concen: 41.600 ng
RT: 13.953 min Scan# 1815
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion: 65 Resp: 97601
Ion Ratio Lower Upper
65 100
92 61.4 50.1 75.1
138 98.8 79.4 119.0





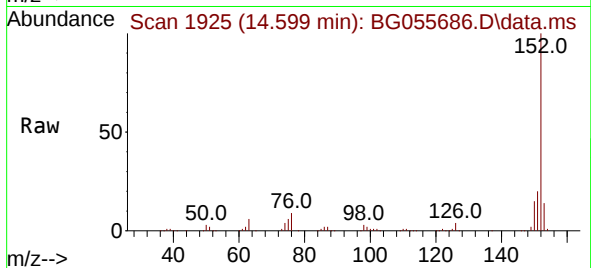
#49
Acenaphthylene
Concen: 40.136 ng
RT: 14.599 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

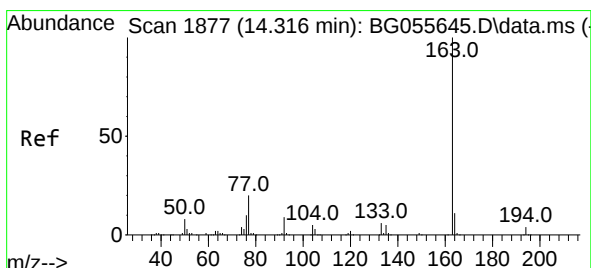
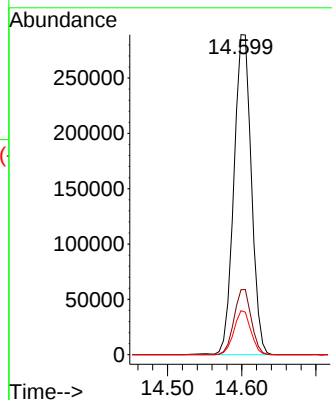
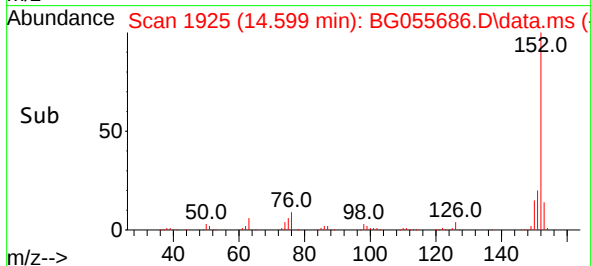


Tgt Ion:152 Resp: 47164
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.7 11.0 16.4

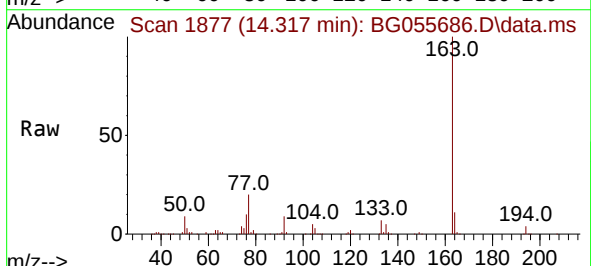
Manual Integrations

APPROVED

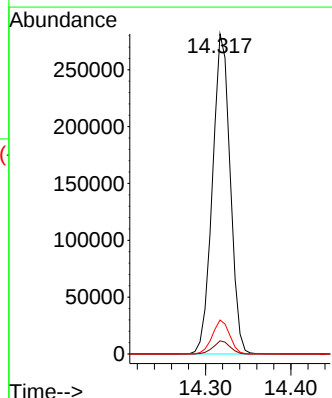
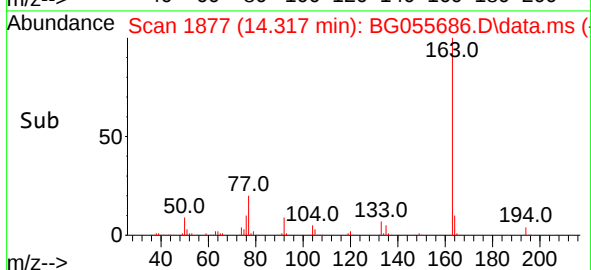
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

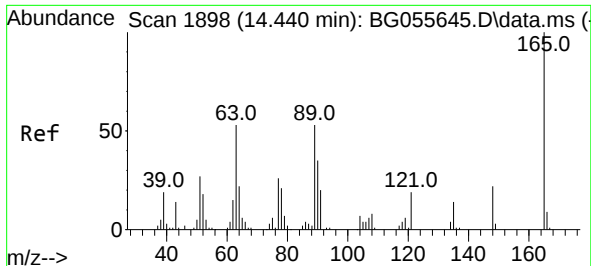


#50
Dimethylphthalate
Concen: 40.430 ng
RT: 14.317 min Scan# 1877
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:163 Resp: 406056
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.6 8.6 12.8





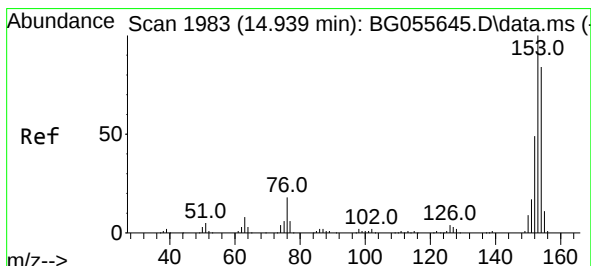
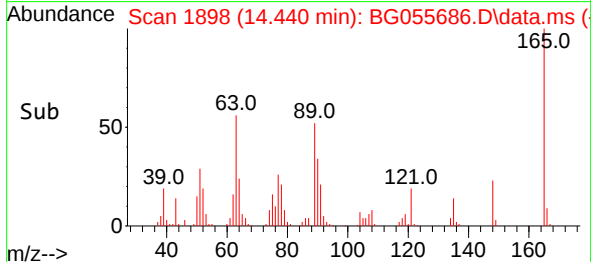
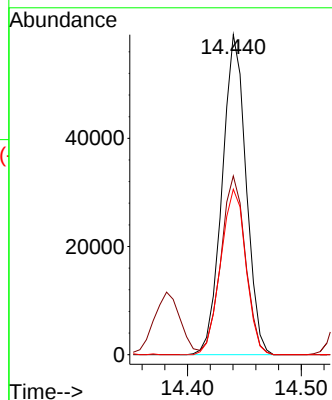
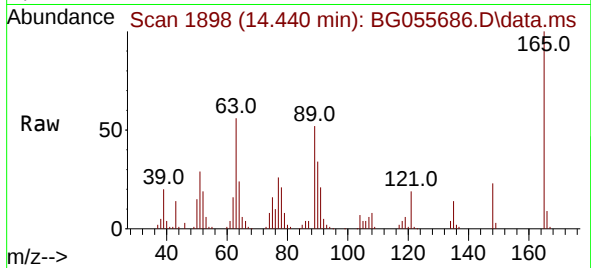
#51
2,6-Dinitrotoluene
Concen: 42.086 ng
RT: 14.440 min Scan# 1898
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion:165 Resp: 86420
Ion Ratio Lower Upper
165 100
63 55.9 44.6 66.8
89 51.7 42.2 63.4

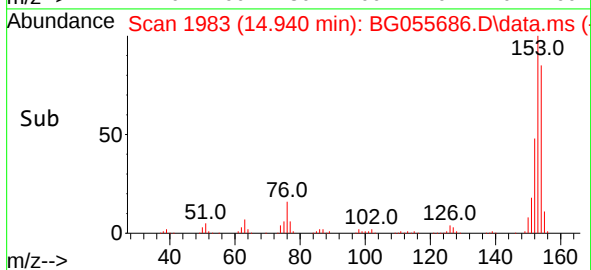
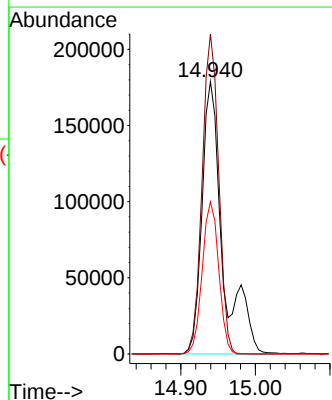
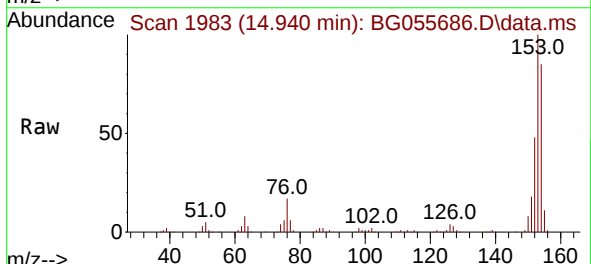
Manual Integrations
APPROVED

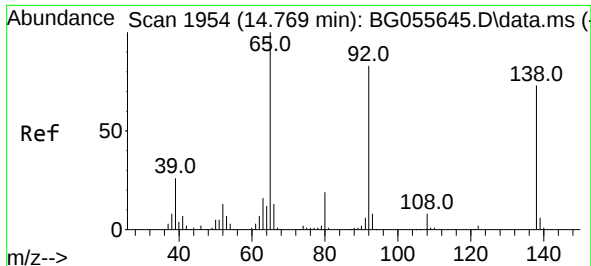
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#52
Acenaphthene
Concen: 45.061 ng m
RT: 14.940 min Scan# 1983
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:154 Resp: 346076
Ion Ratio Lower Upper
154 100
153 117.5 95.0 142.4
152 55.9 46.1 69.1





#53
3-Nitroaniline
Concen: 26.160 ng
RT: 14.775 min Scan# 1955
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

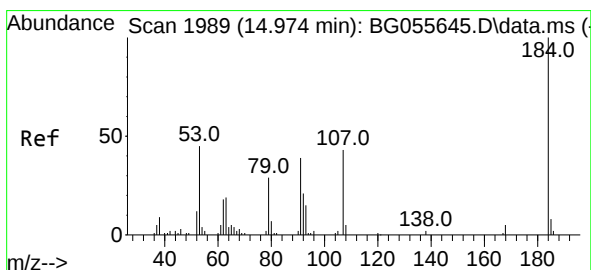
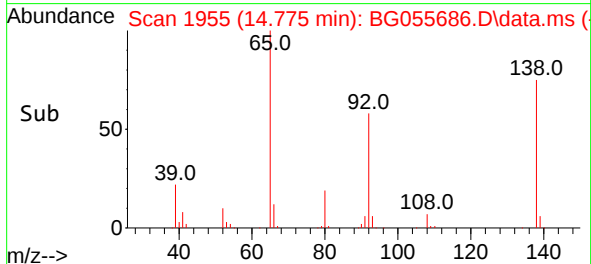
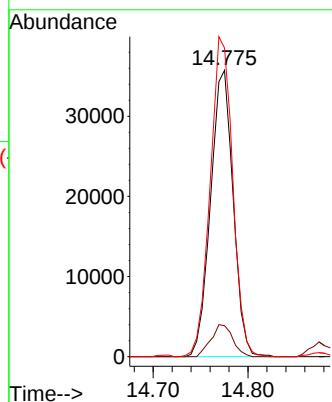
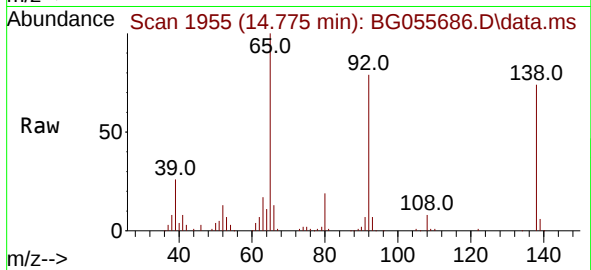
PB148983BS

Tgt Ion:138 Resp: 58974
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 107.8 91.0 136.6

Manual Integrations

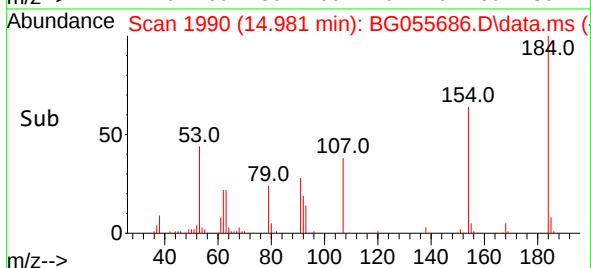
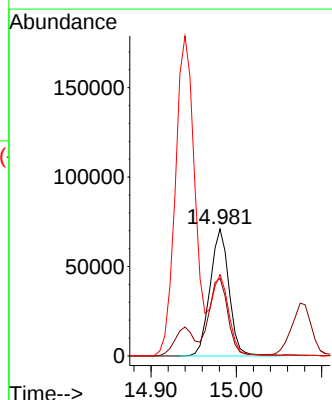
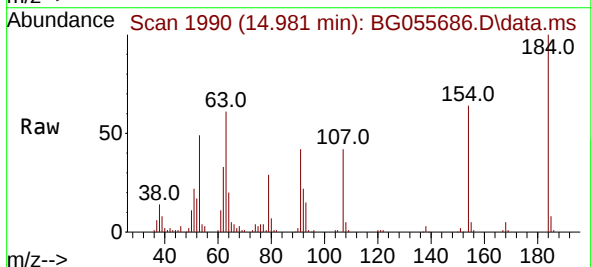
APPROVED

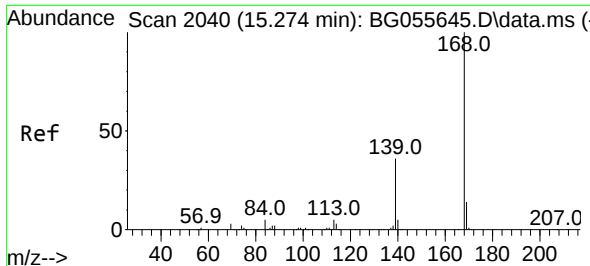
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#54
2,4-Dinitrophenol
Concen: 93.026 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:184 Resp: 109837
Ion Ratio Lower Upper
184 100
63 61.1 49.5 74.3
154 64.0 52.0 78.0





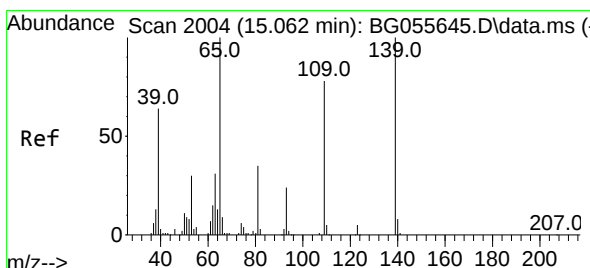
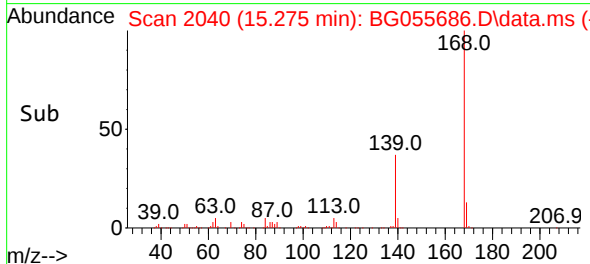
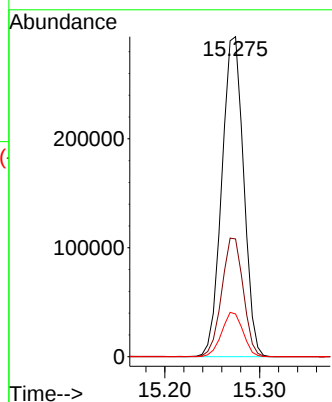
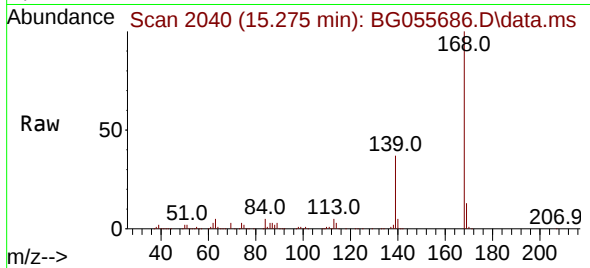
#55
Dibenzofuran
Concen: 39.668 ng
RT: 15.275 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion:168 Resp: 469994
Ion Ratio Lower Upper
168 100
139 36.8 28.8 43.2
169 13.3 11.0 16.4

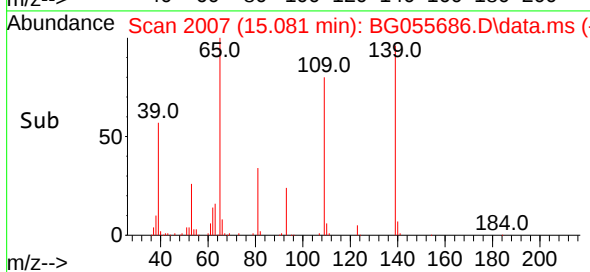
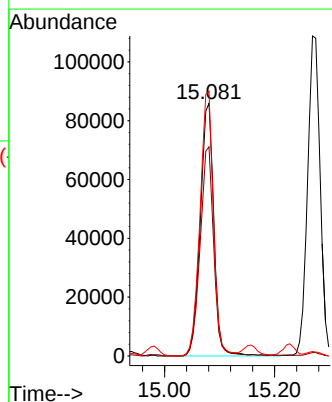
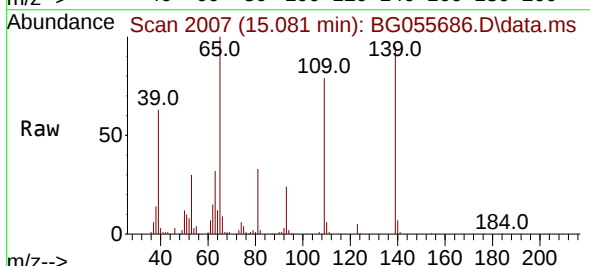
Manual Integrations
APPROVED

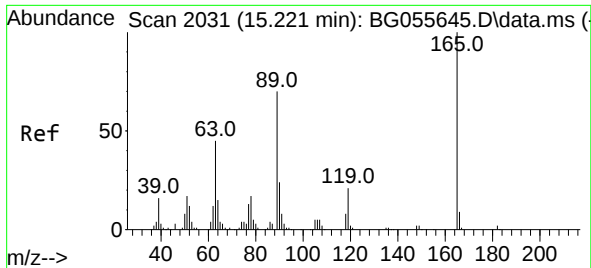
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#56
4-Nitrophenol
Concen: 83.551 ng
RT: 15.081 min Scan# 2007
Delta R.T. 0.018 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:139 Resp: 147827
Ion Ratio Lower Upper
139 100
109 82.8 58.6 98.6
65 104.8 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 42.930 ng
RT: 15.228 min Scan# 2031
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

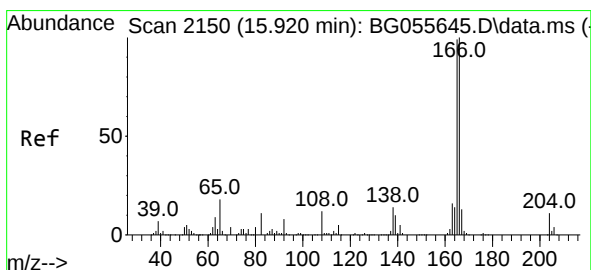
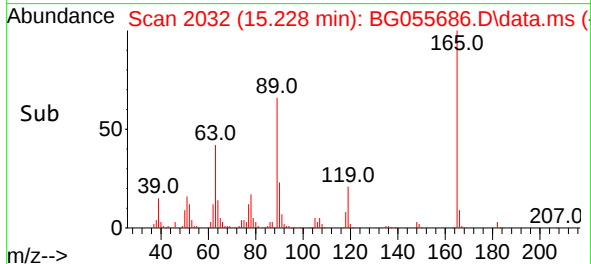
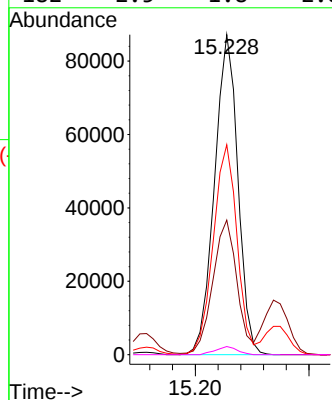
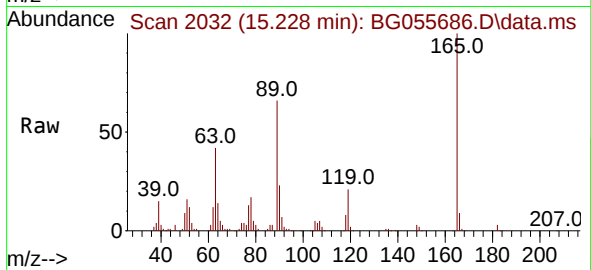
PB148983BS

Tgt Ion:165 Resp: 12429
Ion Ratio Lower Upper
165 100
63 42.1 35.8 53.8
89 65.6 56.2 84.4
182 2.5 1.8 2.8

Manual Integrations

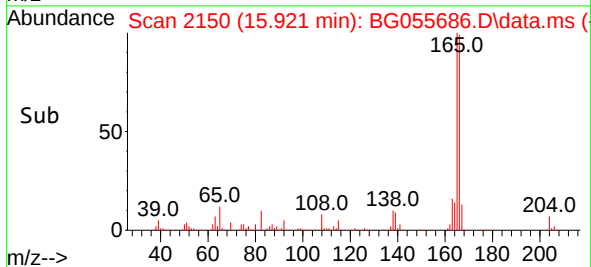
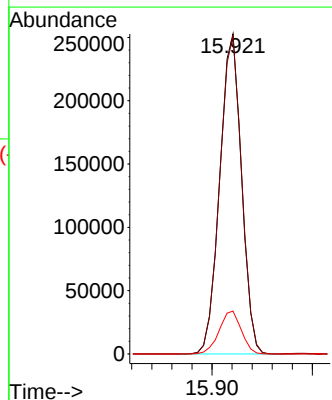
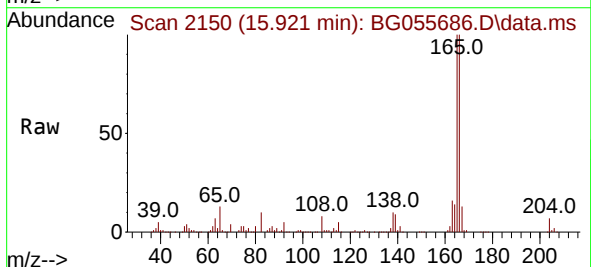
APPROVED

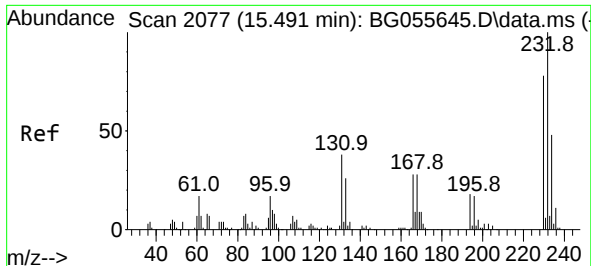
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#58
Fluorene
Concen: 40.087 ng
RT: 15.921 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:166 Resp: 379339
Ion Ratio Lower Upper
166 100
165 99.5 79.3 118.9
167 13.4 10.6 15.8





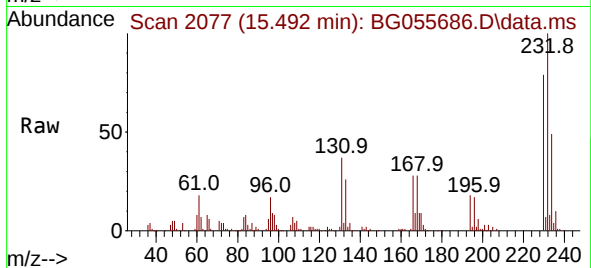
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.492 ng
RT: 15.492 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

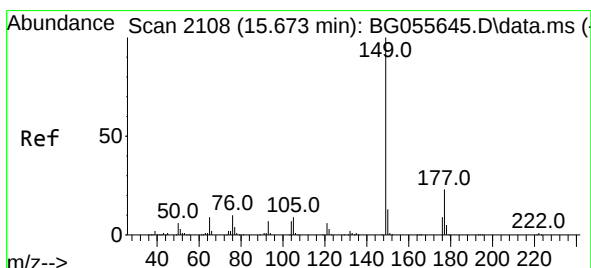
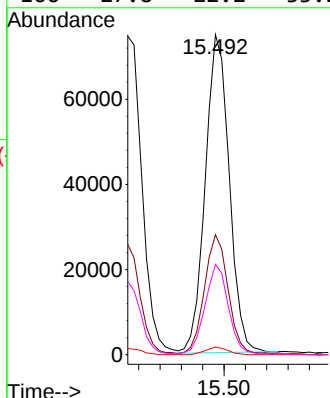
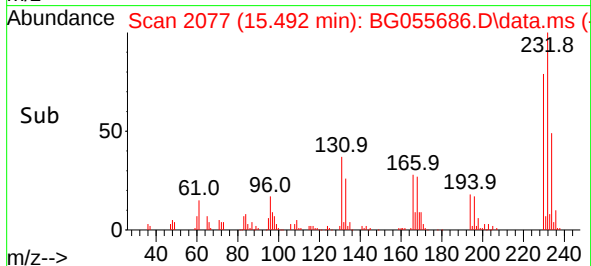


Tgt Ion:232 Resp: 116448
Ion Ratio Lower Upper
232 100
131 38.1 29.8 44.8
130 2.2 1.7 2.5
166 27.8 22.2 33.2

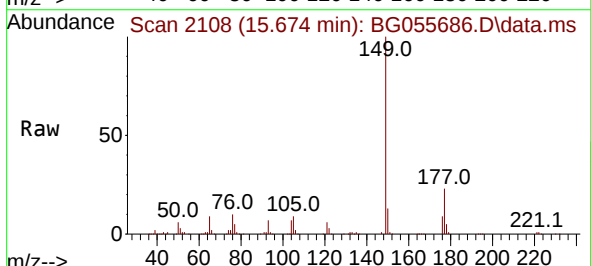
Manual Integrations

APPROVED

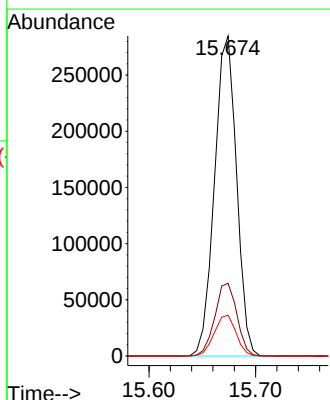
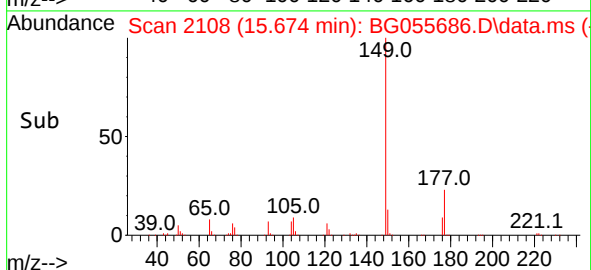
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

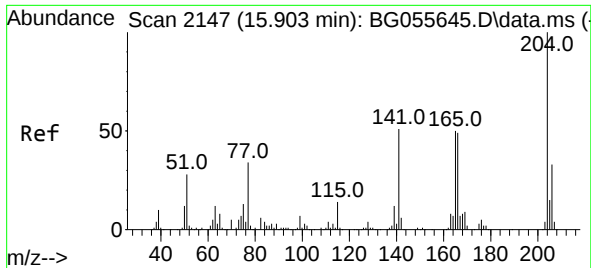


#60
Diethylphthalate
Concen: 40.153 ng
RT: 15.674 min Scan# 2108
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:149 Resp: 407722
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.7 10.0 15.0





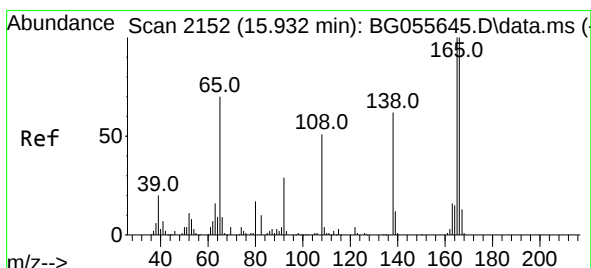
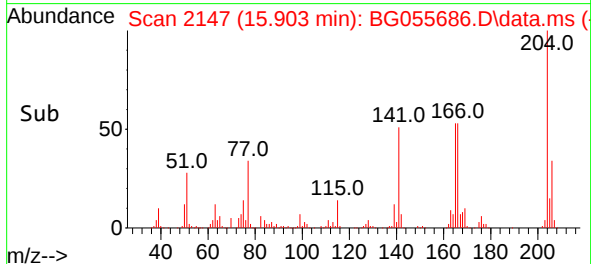
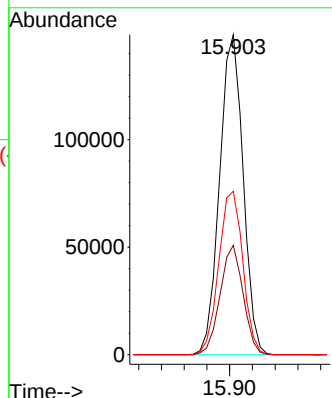
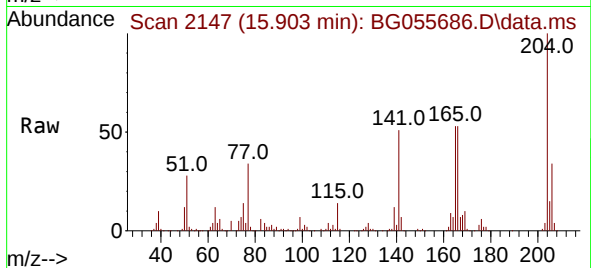
#61
4-Chlorophenyl-phenylether
Concen: 41.044 ng
RT: 15.903 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion:204 Resp: 21350
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 51.1 40.6 61.0

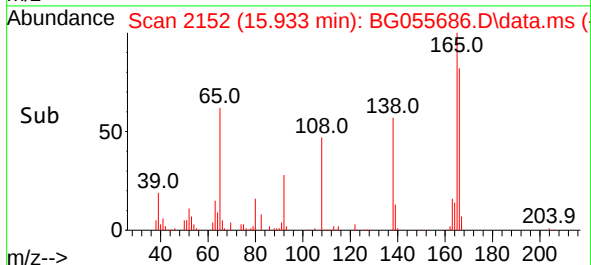
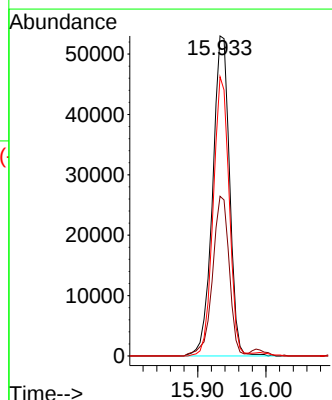
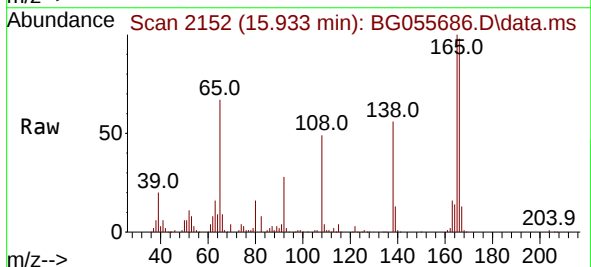
Manual Integrations
APPROVED

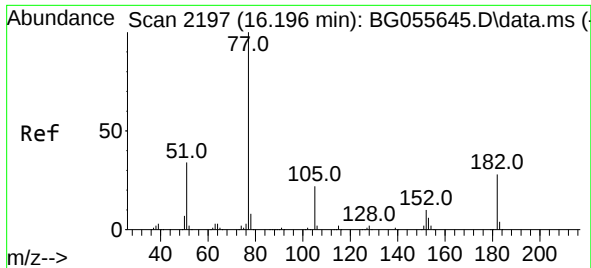
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#62
4-Nitroaniline
Concen: 38.918 ng
RT: 15.933 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:138 Resp: 91711
Ion Ratio Lower Upper
138 100
92 49.9 27.3 67.3
108 87.3 62.8 102.8





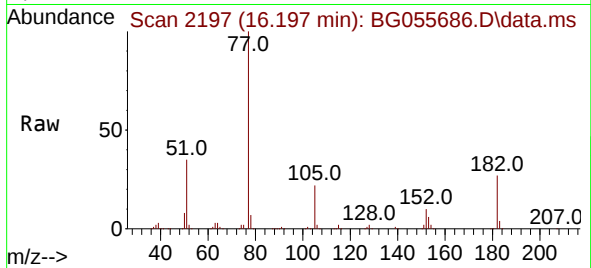
#63
Azobenzene
Concen: 39.489 ng
RT: 16.197 min Scan# 2197
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

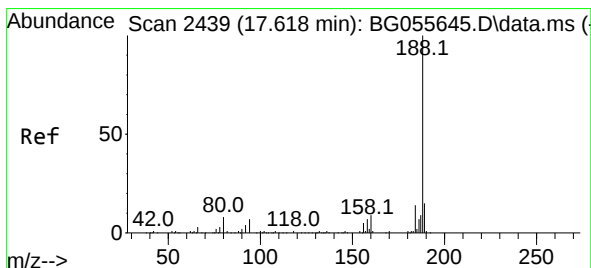
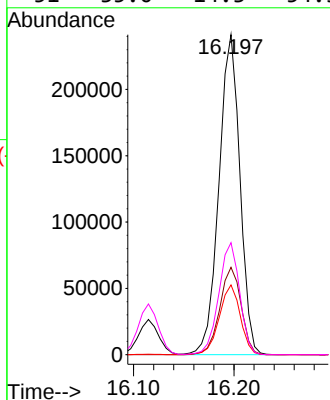
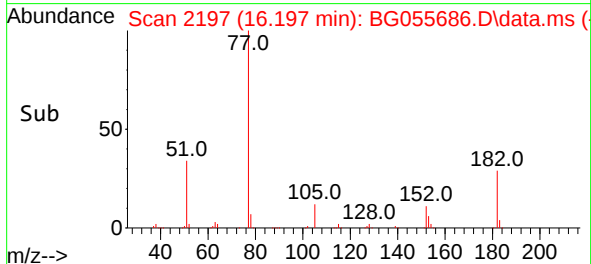


Tgt Ion: 77 Resp: 350060
Ion Ratio Lower Upper
77 100
182 27.3 8.1 48.1
105 21.8 1.8 41.8
51 35.0 14.3 54.3

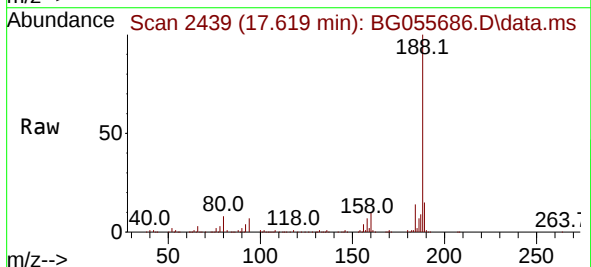
Manual Integrations

APPROVED

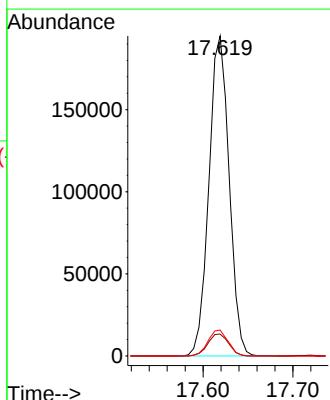
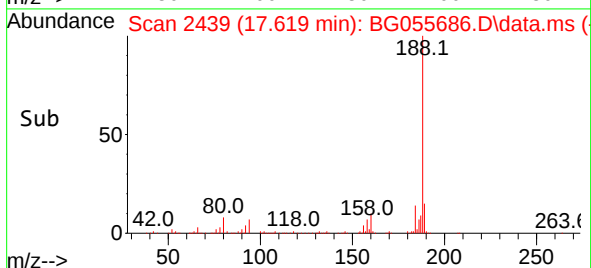
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

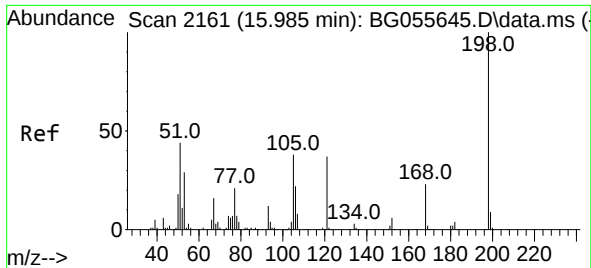


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:188 Resp: 304802
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.1 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.563 ng
RT: 15.991 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

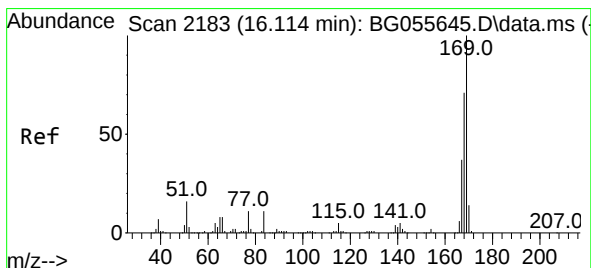
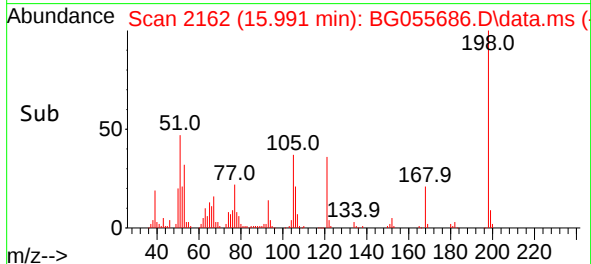
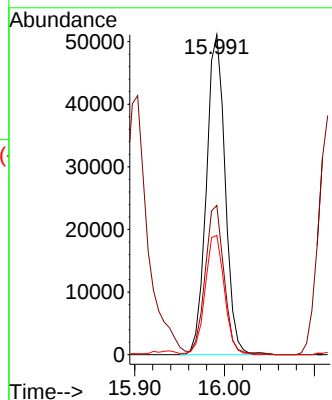
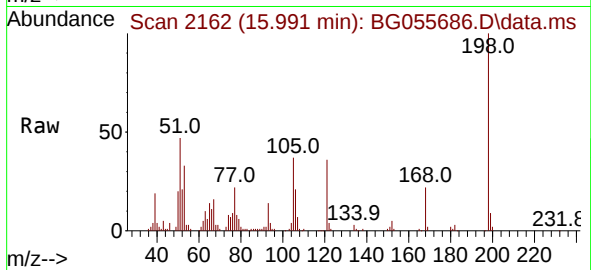
ClientSampleId :

PB148983BS

Tgt Ion:198 Resp: 7414
Ion Ratio Lower Upper
198 100
51 46.6 27.7 67.7
105 37.2 19.3 59.3

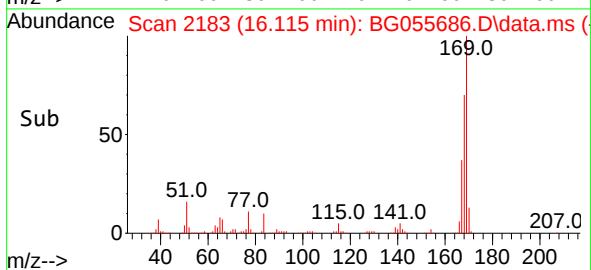
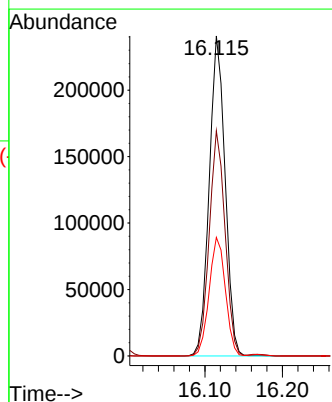
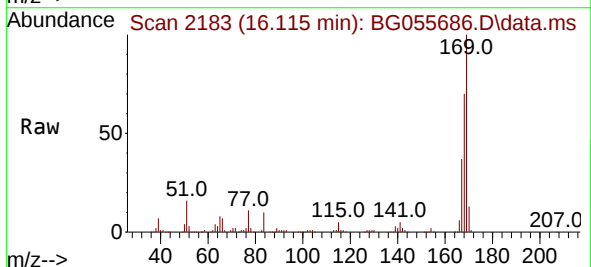
Manual Integrations
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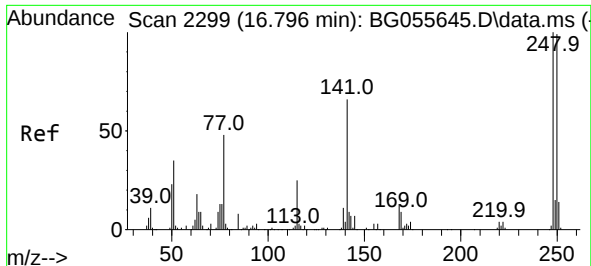
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#66
n-Nitrosodiphenylamine
Concen: 40.751 ng
RT: 16.115 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:169 Resp: 342308
Ion Ratio Lower Upper
169 100
168 70.4 56.6 85.0
167 37.0 29.9 44.9





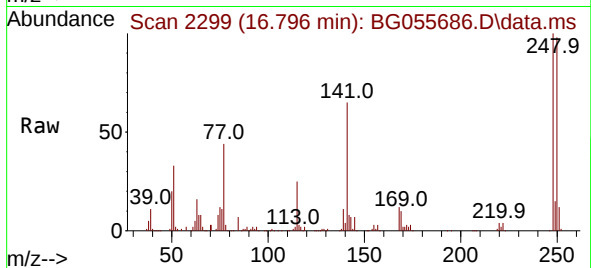
#67
4-Bromophenyl-phenylether
Concen: 41.399 ng
RT: 16.796 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

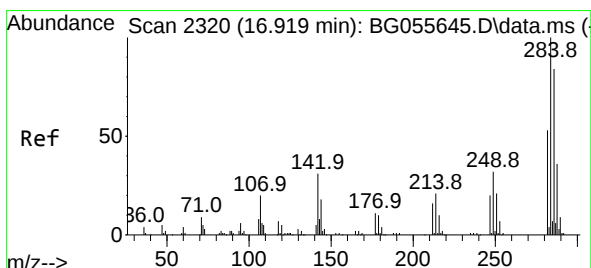
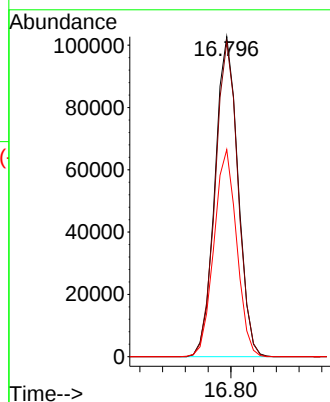
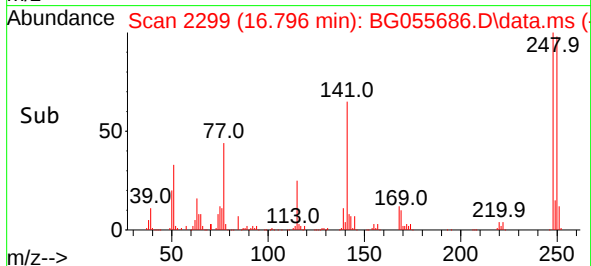


Tgt Ion:248 Resp: 143772
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 64.7 52.9 79.3

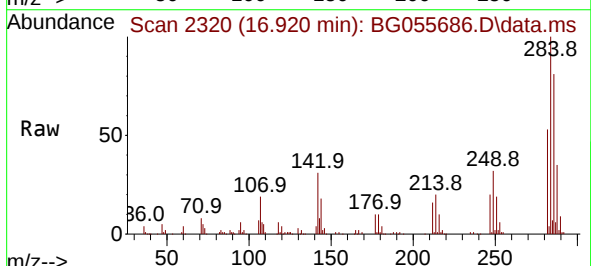
Manual Integrations

APPROVED

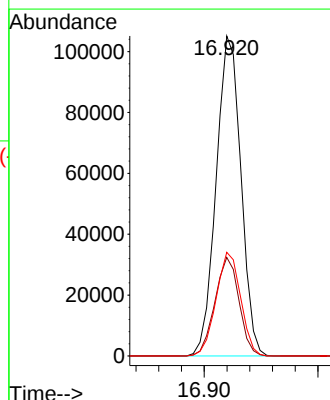
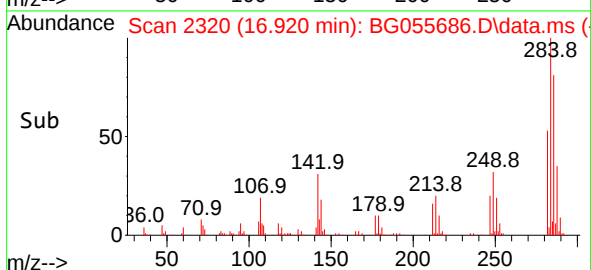
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

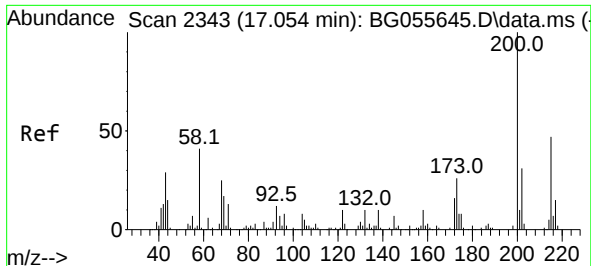


#68
Hexachlorobenzene
Concen: 41.310 ng
RT: 16.920 min Scan# 2320
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



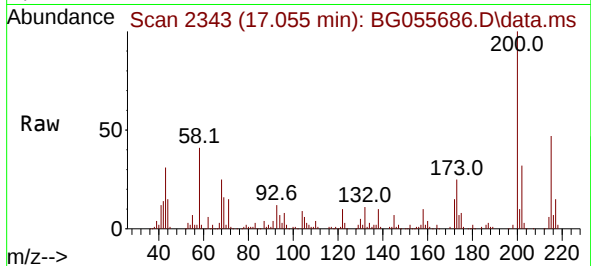
Tgt Ion:284 Resp: 159077
Ion Ratio Lower Upper
284 100
142 30.8 24.8 37.2
249 32.4 25.7 38.5





#69
 Atrazine
 Concen: 36.907 ng
 RT: 17.055 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055686.D
 Acq: 18 Nov 2022 11:36

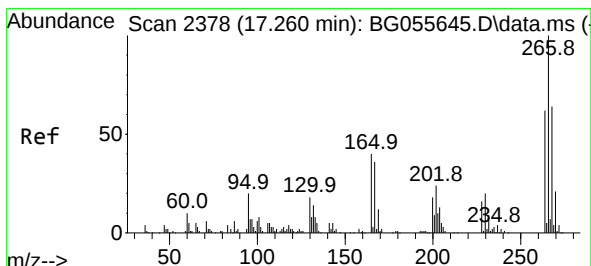
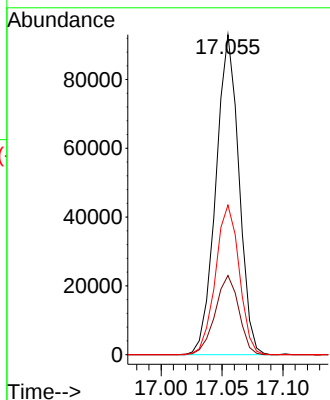
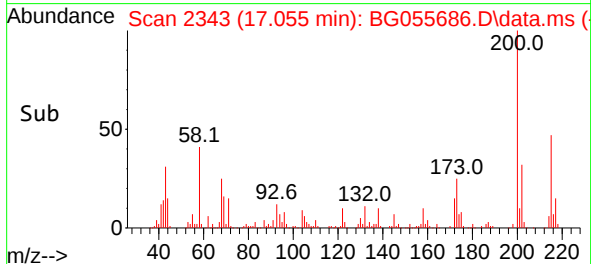
Instrument :
 BNA_G
 ClientSampleId :
 PB148983BS



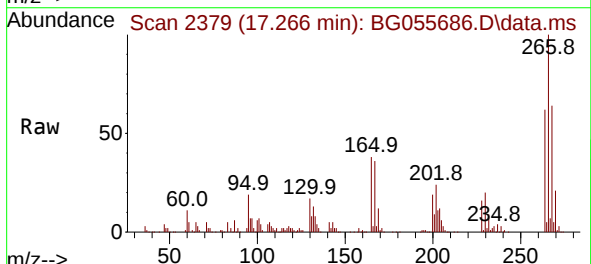
Tgt Ion:200 Resp: 12261
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.6 45.6
 215 46.8 27.2 67.2

Manual Integrations
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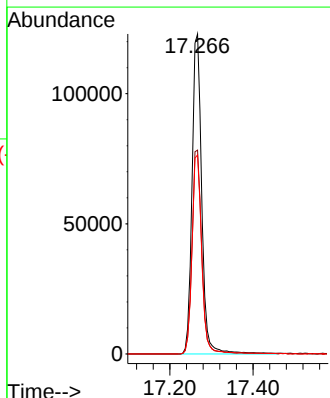
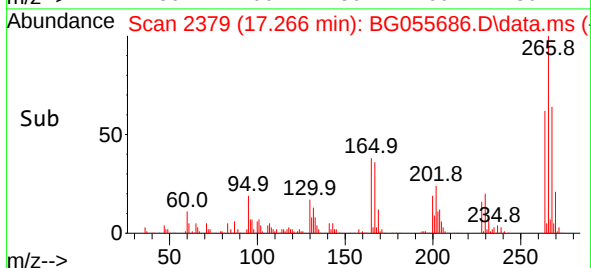
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

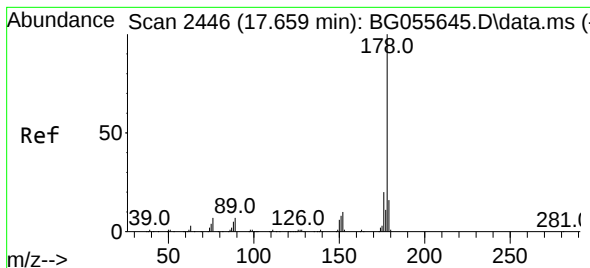


#70
 Pentachlorophenol
 Concen: 84.525 ng
 RT: 17.266 min Scan# 2379
 Delta R.T. 0.007 min
 Lab File: BG055686.D
 Acq: 18 Nov 2022 11:36



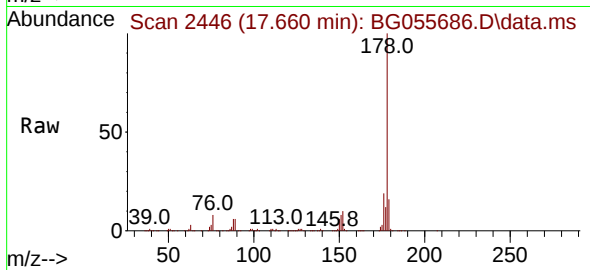
Tgt Ion:266 Resp: 199114
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.2 76.8
 264 62.2 49.5 74.3





#71
Phenanthrene
Concen: 38.944 ng
RT: 17.660 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

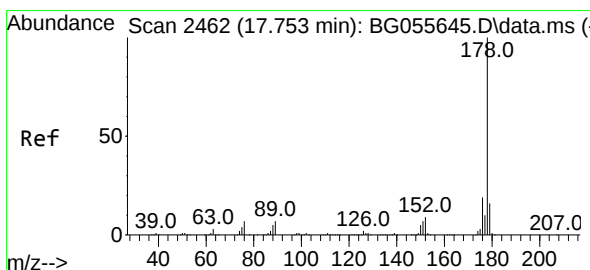
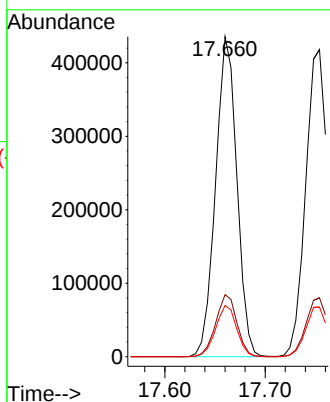
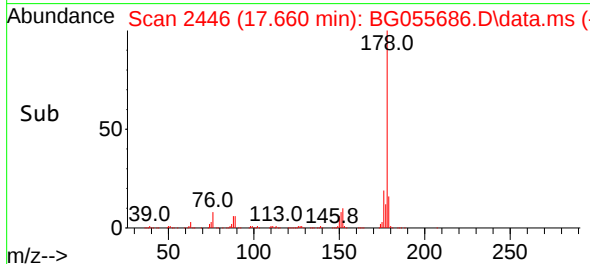
Instrument :
BNA_G
ClientSampleId :
PB148983BS



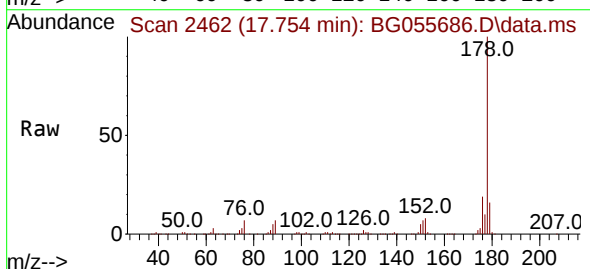
Tgt Ion:178 Resp: 64057
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.0 12.7 19.1

Manual Integrations
APPROVED

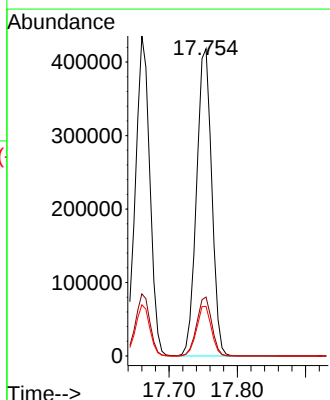
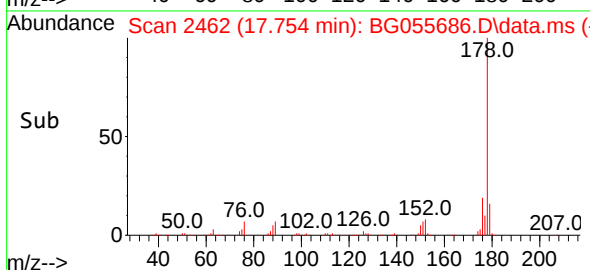
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

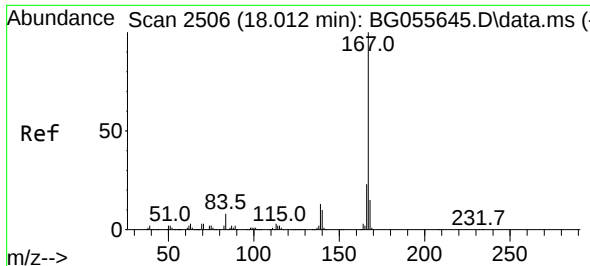


#72
Anthracene
Concen: 40.291 ng
RT: 17.754 min Scan# 2462
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



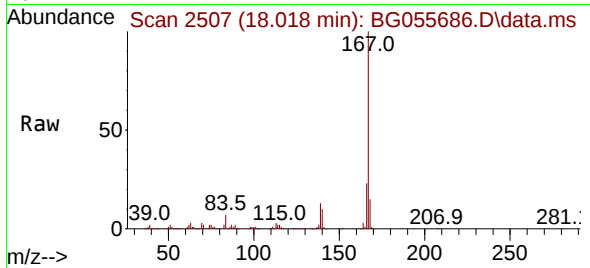
Tgt Ion:178 Resp: 643906
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.2 12.5 18.7





#73
Carbazole
Concen: 39.829 ng
RT: 18.018 min Scan# 2506
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

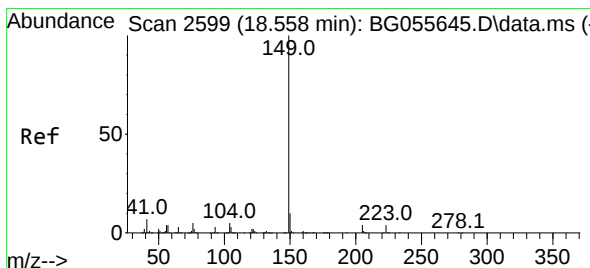
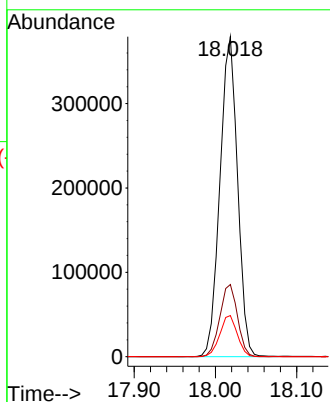
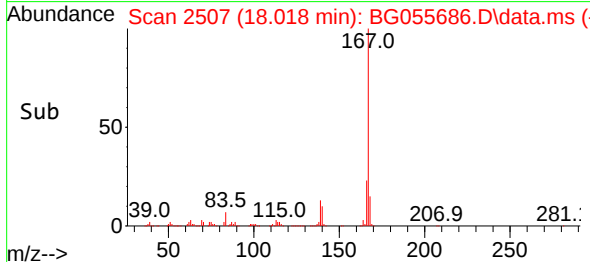
Instrument :
BNA_G
ClientSampleId :
PB148983BS



Tgt Ion:167 Resp: 572240
Ion Ratio Lower Upper
167 100
166 22.5 18.2 27.2
139 12.9 10.2 15.4

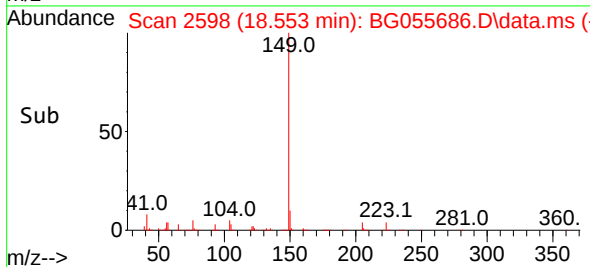
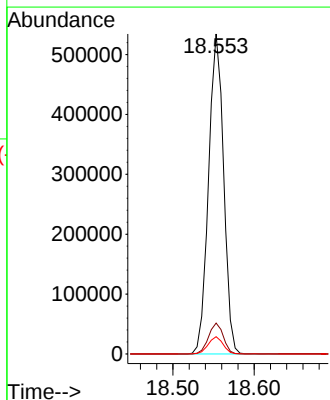
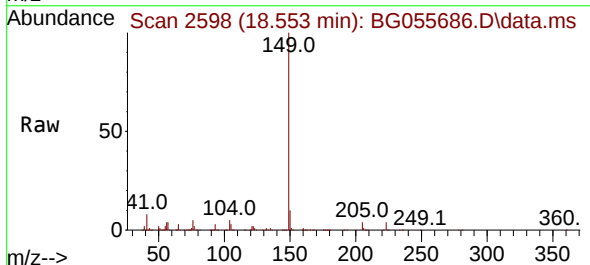
Manual Integrations
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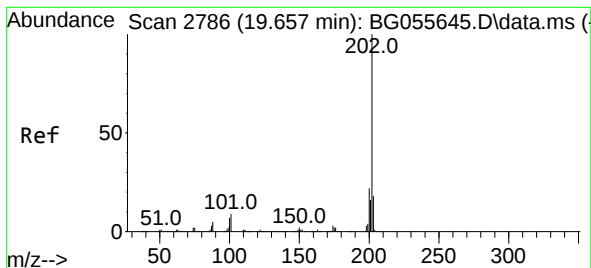
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#74
Di-n-butylphthalate
Concen: 38.478 ng
RT: 18.553 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:149 Resp: 686441
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 36.419 ng

RT: 19.658 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055686.D

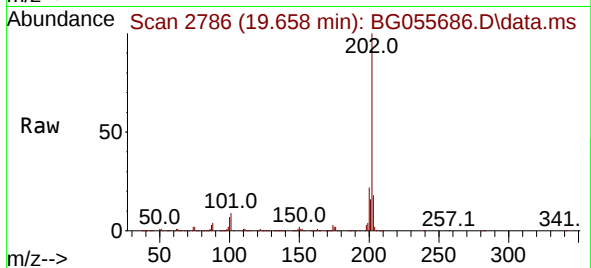
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS



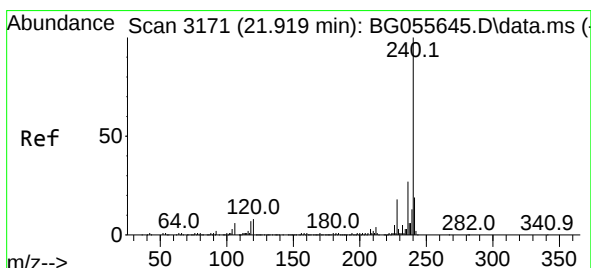
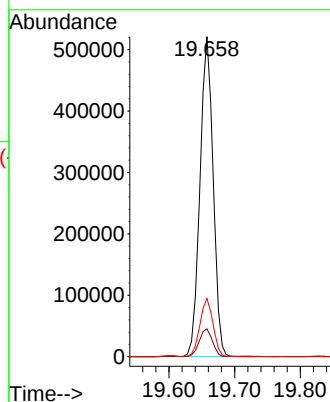
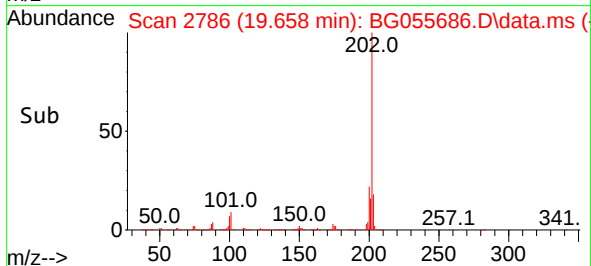
Tgt Ion:	202	Resp:	728760
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	28.8
203	18.2	0.0	38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#76

Chrysene-d12

Concen: 20.000 ng

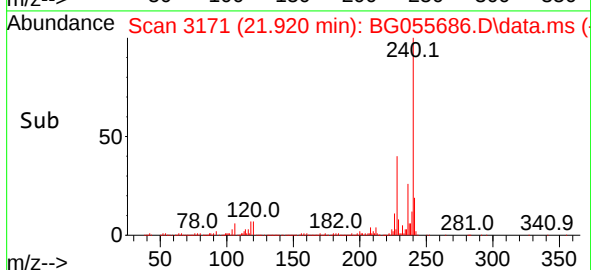
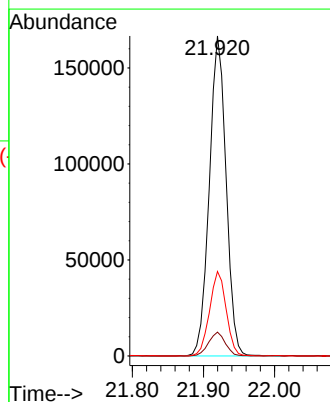
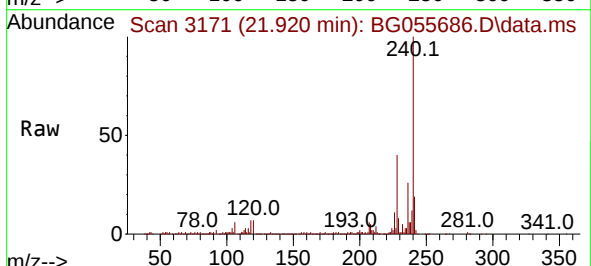
RT: 21.920 min Scan# 3171

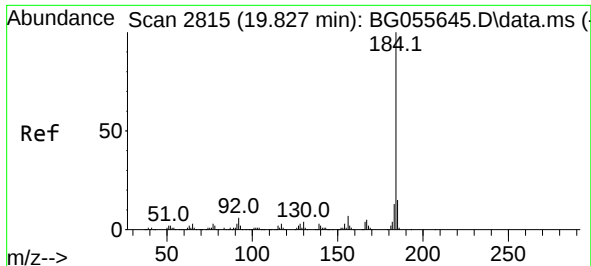
Delta R.T. 0.001 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Tgt Ion:	240	Resp:	273212
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.3	9.5
236	26.4	21.9	32.9





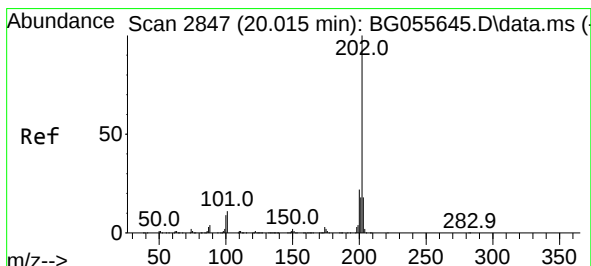
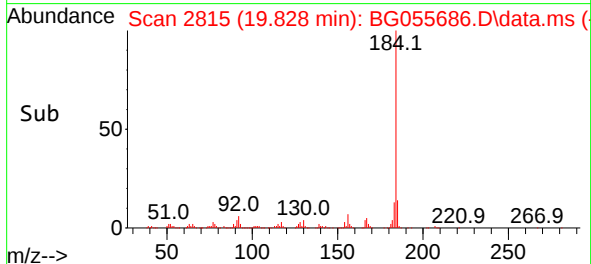
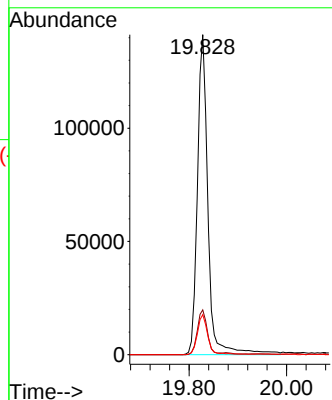
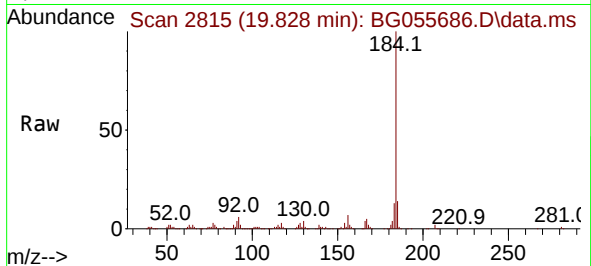
#77
Benzidine
Concen: 33.802 ng
RT: 19.828 min Scan# 2815
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB148983BS

Tgt Ion:184 Resp: 213652
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 12.5 10.6 15.8

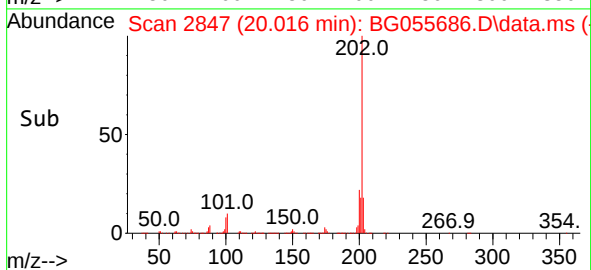
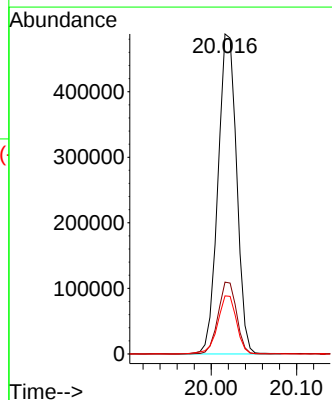
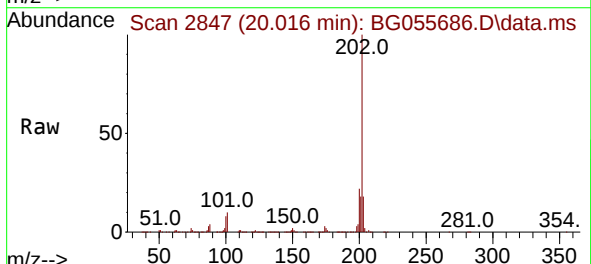
Manual Integrations
APPROVED

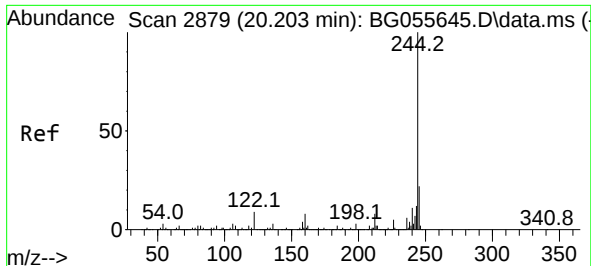
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#78
Pyrene
Concen: 40.126 ng
RT: 20.016 min Scan# 2847
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:202 Resp: 742049
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.2 14.4 21.6





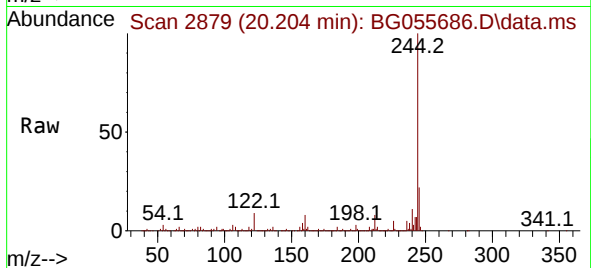
#79
 Terphenyl-d14
 Concen: 81.553 ng
 RT: 20.204 min Scan# 211
 Delta R.T. 0.001 min
 Lab File: BG055686.D
 Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

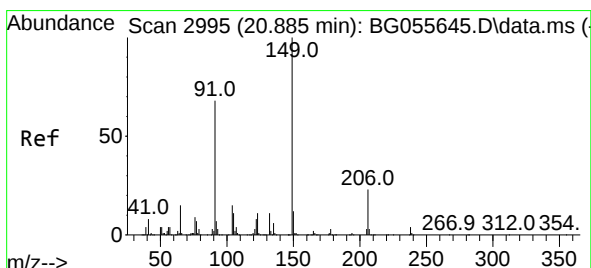
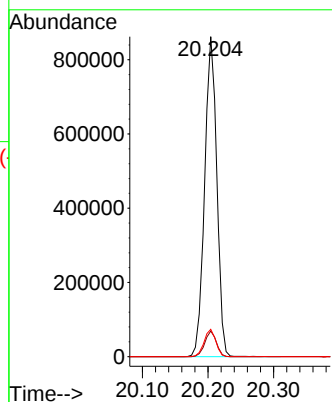
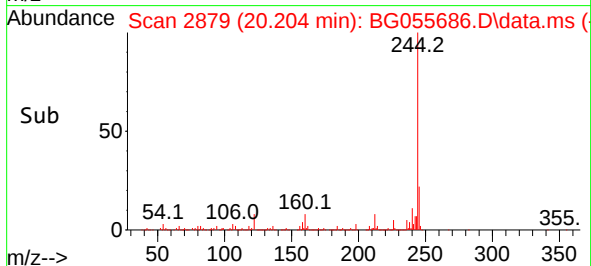


Tgt Ion:244 Resp: 1113994
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.6 6.9 10.3

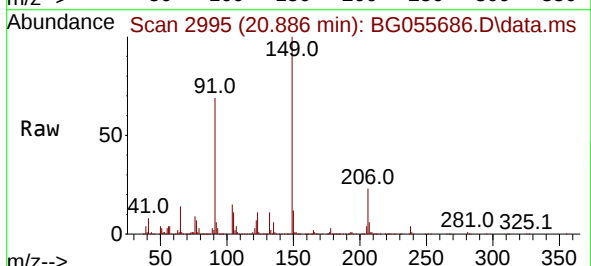
Manual Integrations

APPROVED

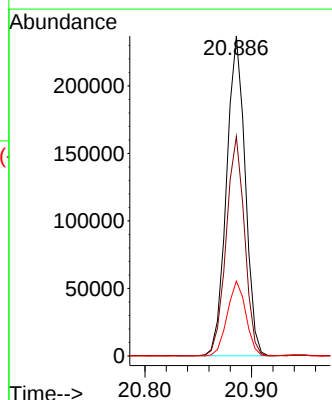
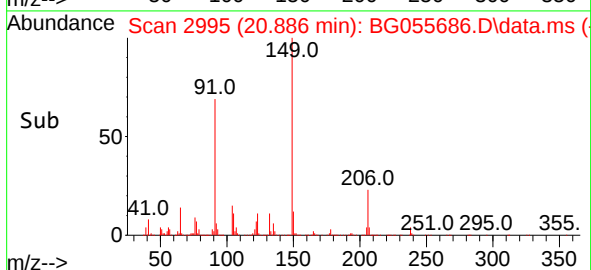
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

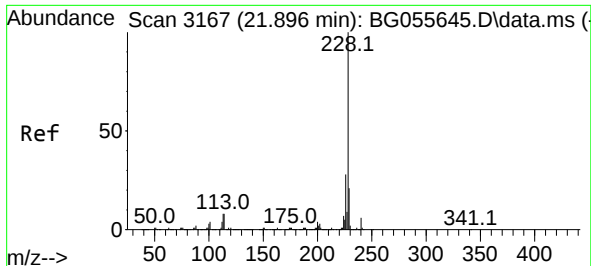


#80
 Butylbenzylphthalate
 Concen: 39.737 ng
 RT: 20.886 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG055686.D
 Acq: 18 Nov 2022 11:36



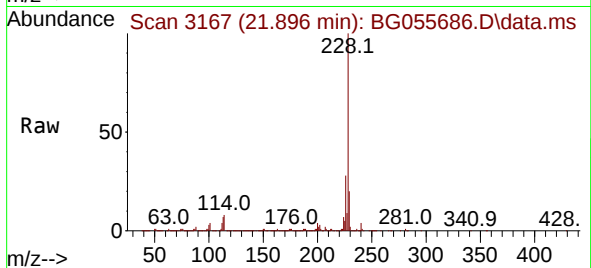
Tgt Ion:149 Resp: 287682
 Ion Ratio Lower Upper
 149 100
 91 68.6 54.6 81.8
 206 23.4 18.3 27.5





#81
Benzo(a)anthracene
Concen: 39.044 ng
RT: 21.896 min Scan# 3167
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

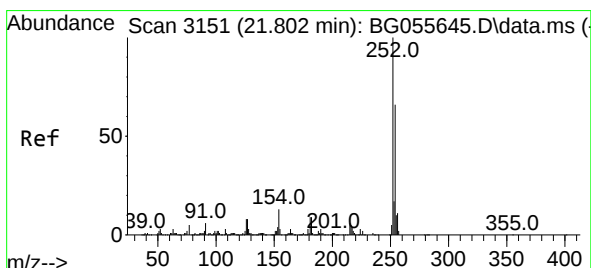
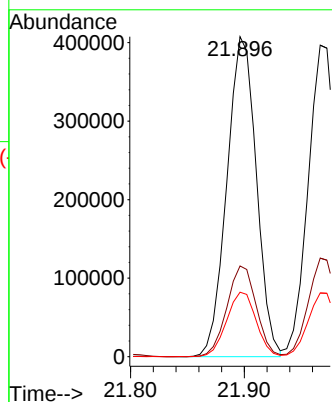
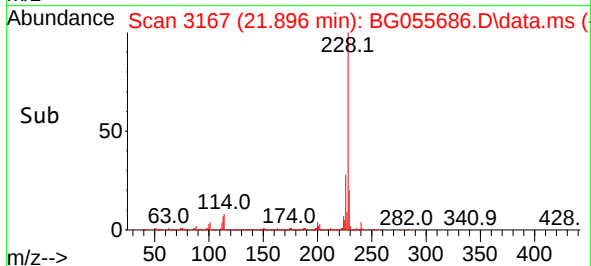
Instrument :
BNA_G
ClientSampleId :
PB148983BS



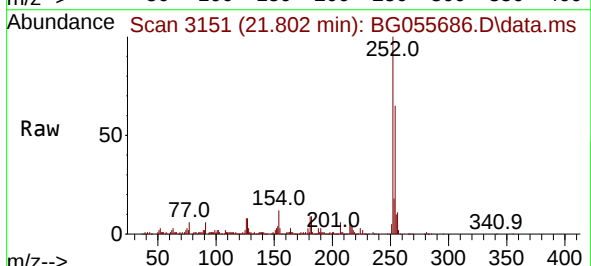
Tgt Ion:228 Resp: 734720
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.2 16.5 24.7

Manual Integrations
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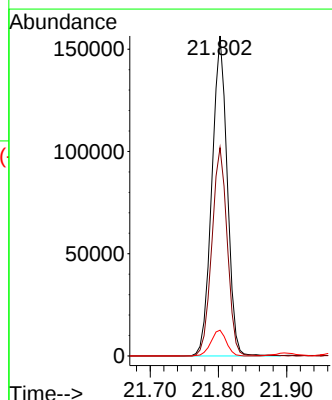
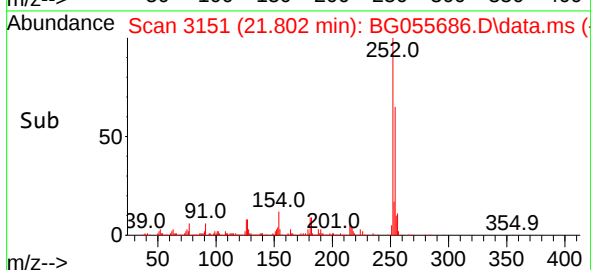
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

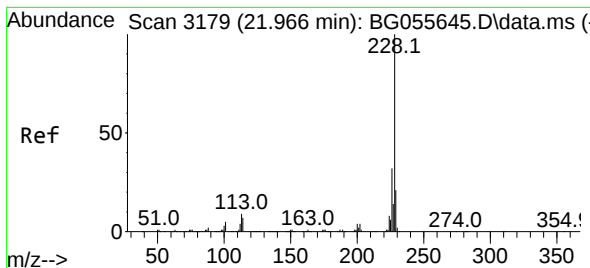


#82
3,3'-Dichlorobenzidine
Concen: 37.089 ng
RT: 21.802 min Scan# 3151
Delta R.T. 0.001 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:252 Resp: 245244
Ion Ratio Lower Upper
252 100
254 65.1 53.0 79.6
126 8.1 6.7 10.1





#83

Chrysene

Concen: 38.717 ng

RT: 21.967 min Scan# 3179

Delta R.T. 0.001 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

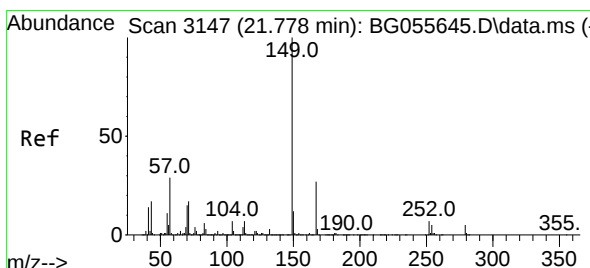
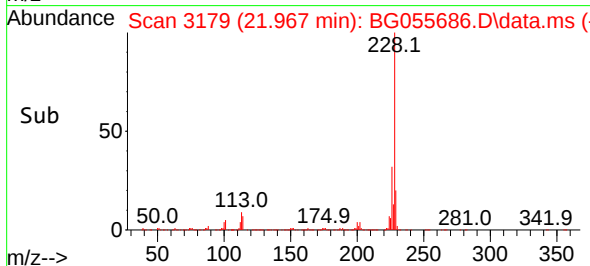
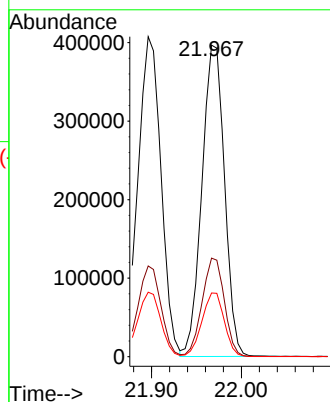
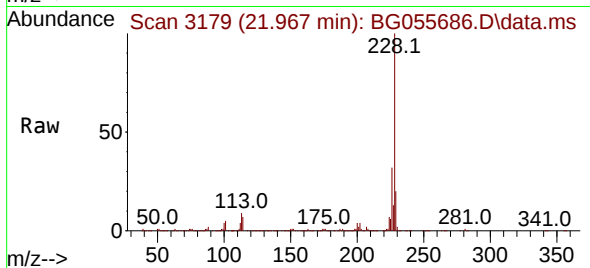
PB148983BS

Tgt Ion:	228	Resp:	693584
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.4	38.2
229	20.5	17.1	25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.938 ng

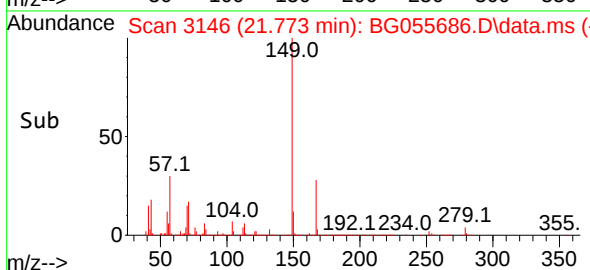
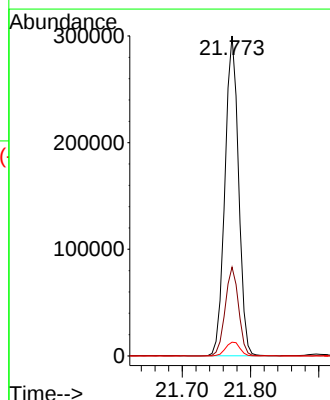
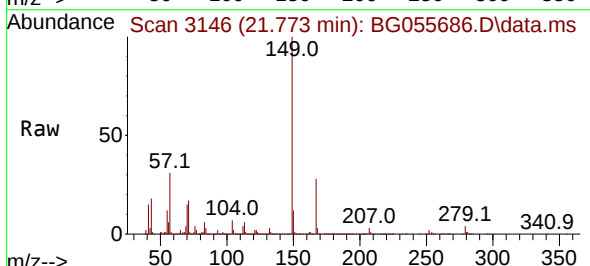
RT: 21.773 min Scan# 3146

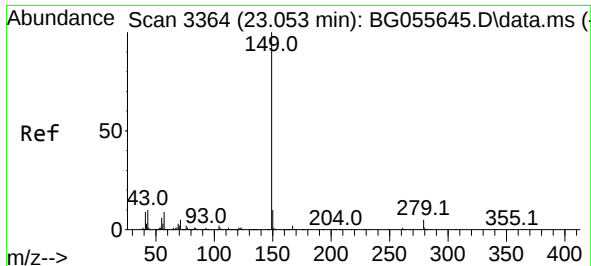
Delta R.T. -0.005 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

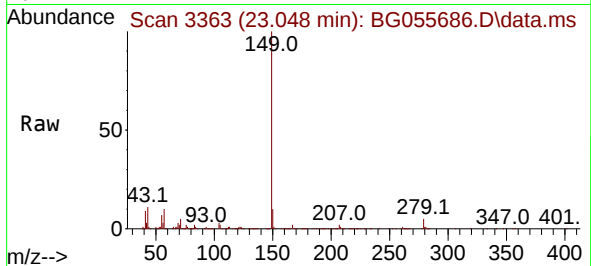
Tgt Ion:	149	Resp:	415531
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.0	33.0
279	4.3	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 39.894 ng
RT: 23.048 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

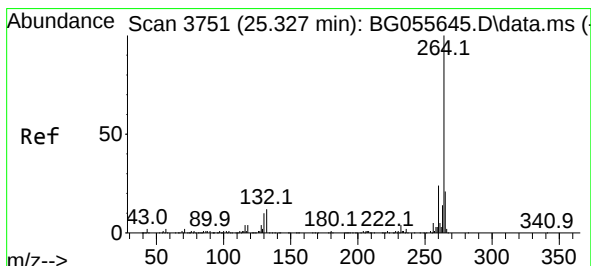
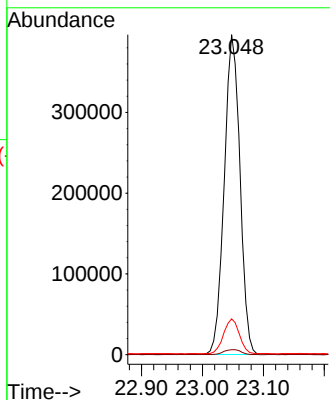
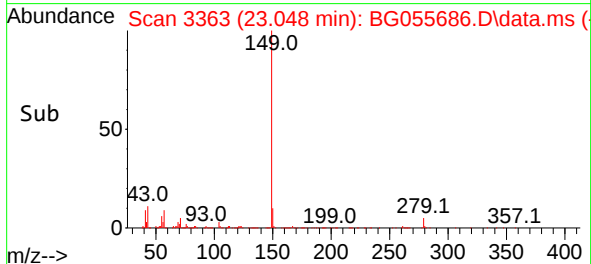
Instrument :
BNA_G
ClientSampleId :
PB148983BS



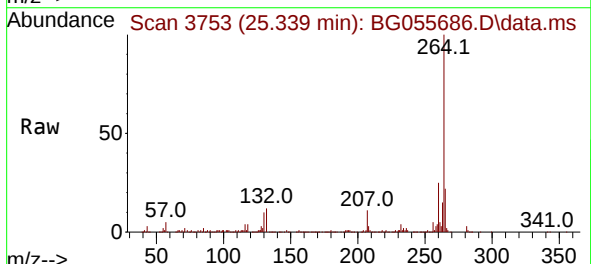
Tgt Ion:149 Resp: 71032
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.8 8.4 12.6

Manual Integrations
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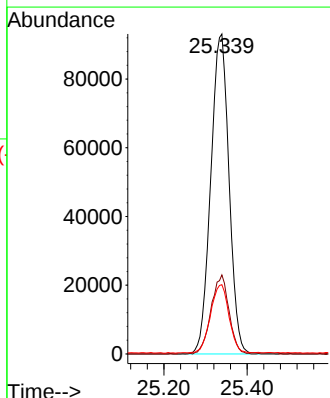
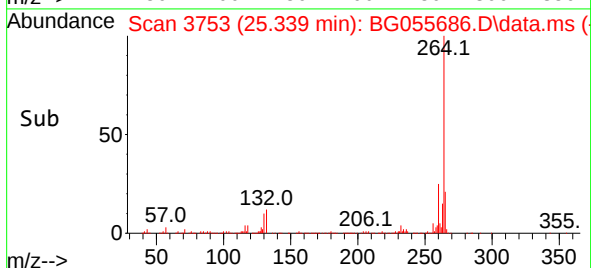
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

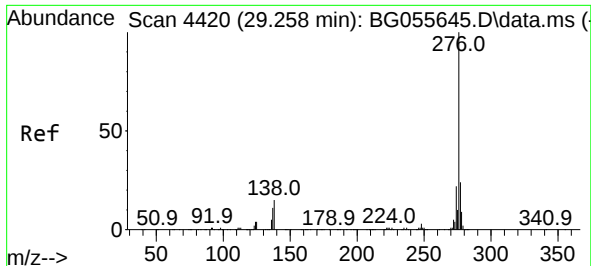


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3753
Delta R.T. 0.012 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36



Tgt Ion:264 Resp: 283263
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.7 17.1 25.7





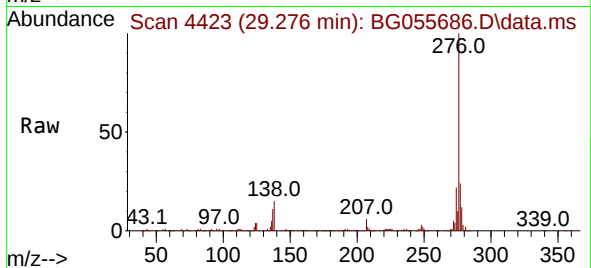
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.778 ng
 RT: 29.276 min Scan# 4420
 Delta R.T. 0.018 min
 Lab File: BG055686.D
 Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

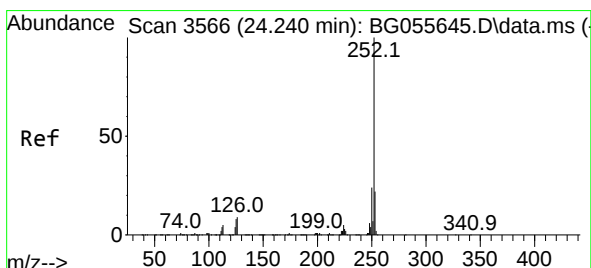
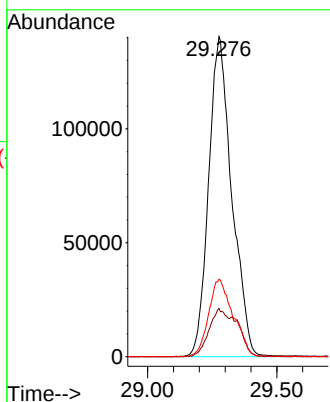
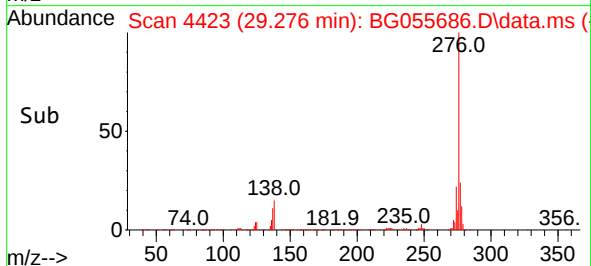


Tgt Ion:276 Resp: 876660
 Ion Ratio Lower Upper
 276 100
 138 12.0 10.4 15.6
 277 25.8 20.2 30.4

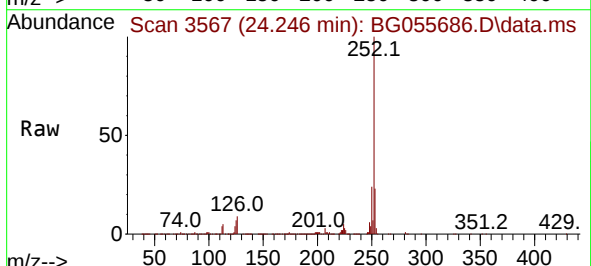
Manual Integrations

APPROVED

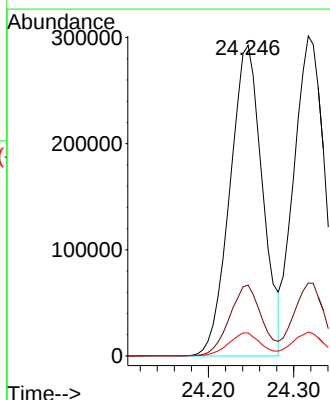
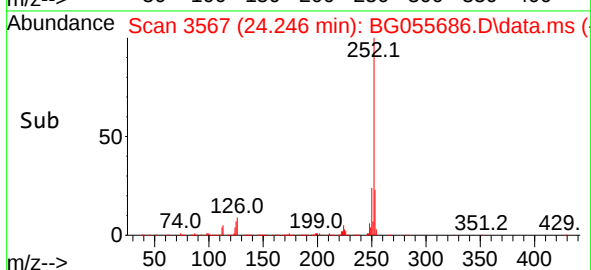
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

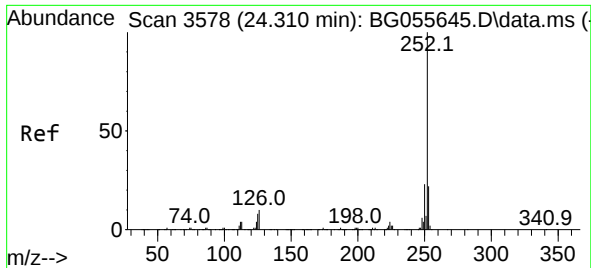


#88
 Benzo(b)fluoranthene
 Concen: 42.185 ng
 RT: 24.246 min Scan# 3567
 Delta R.T. 0.007 min
 Lab File: BG055686.D
 Acq: 18 Nov 2022 11:36



Tgt Ion:252 Resp: 778209
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.0 27.0
 125 7.4 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 40.928 ng
RT: 24.317 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

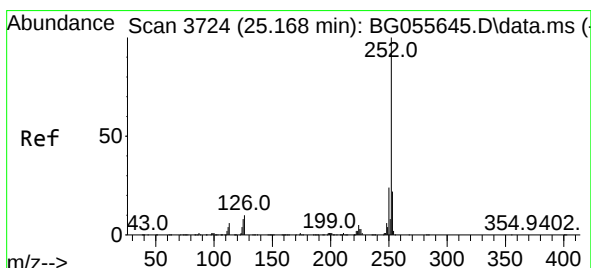
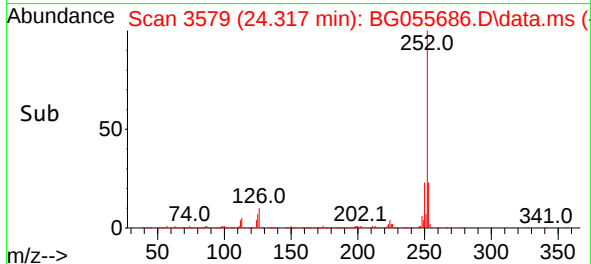
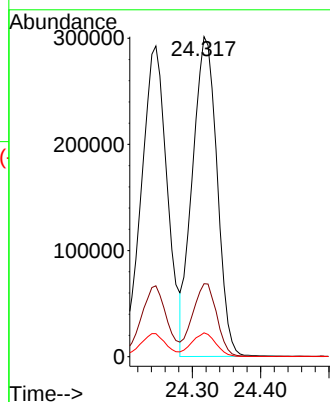
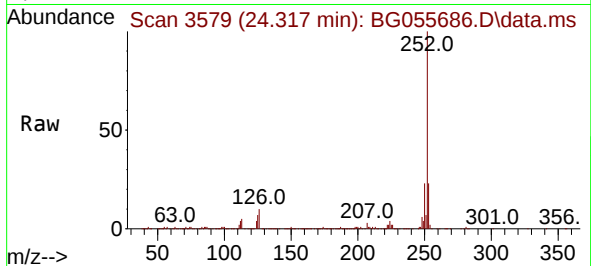
PB148983BS

Tgt Ion:252 Resp: 752618
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 7.5 6.1 9.1

Manual Integrations

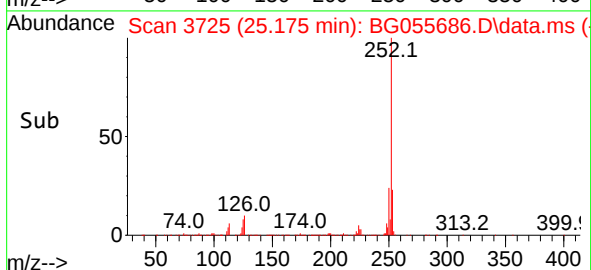
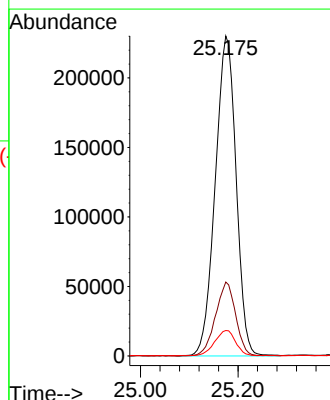
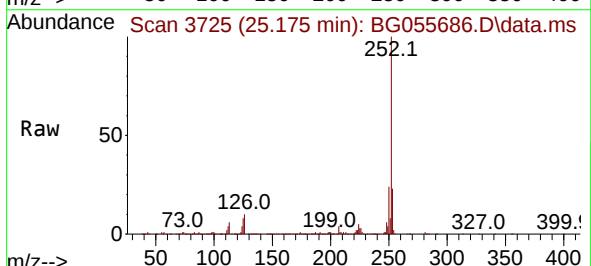
APPROVED

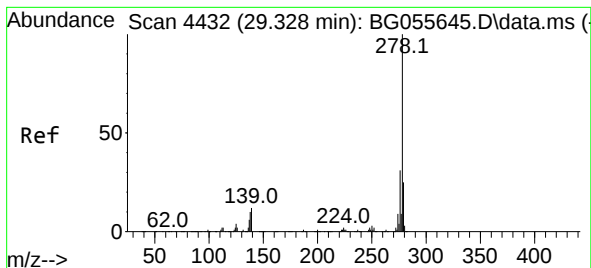
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#90
Benzo(a)pyrene
Concen: 43.254 ng
RT: 25.175 min Scan# 3725
Delta R.T. 0.007 min
Lab File: BG055686.D
Acq: 18 Nov 2022 11:36

Tgt Ion:252 Resp: 684729
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 7.9 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 39.791 ng

RT: 29.346 min Scan# 4432

Delta R.T. 0.018 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB148983BS

Tgt Ion:278 Resp: 754560

Ion Ratio Lower Upper

278 100

139 11.1 9.8 14.8

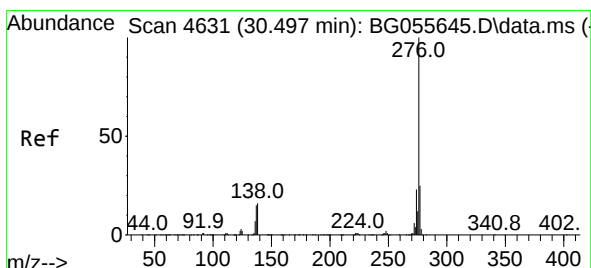
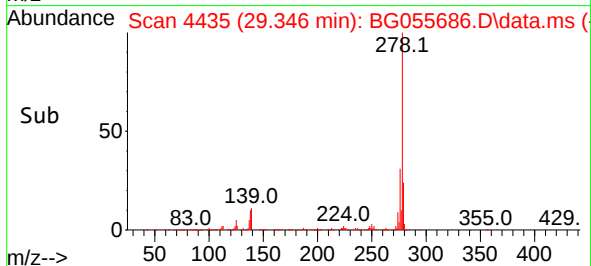
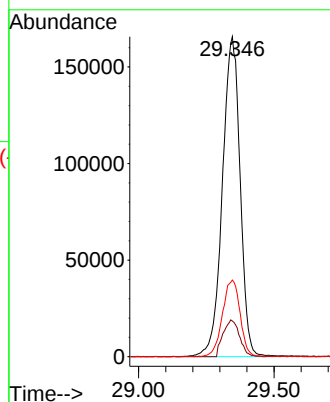
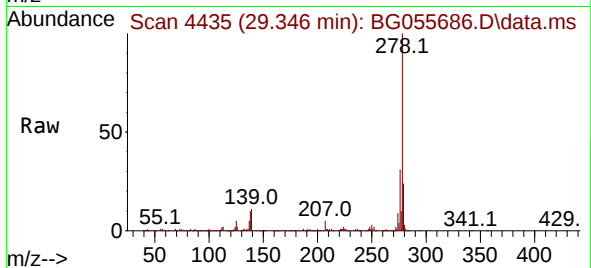
279 24.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#92

Benzo(g,h,i)perylene

Concen: 38.334 ng

RT: 30.516 min Scan# 4634

Delta R.T. 0.018 min

Lab File: BG055686.D

Acq: 18 Nov 2022 11:36

Tgt Ion:276 Resp: 732663

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 15.2 13.1 19.7

