

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053599.D
 Acq On : 18 May 2022 10:56
 Operator : CG/JU
 Sample : PB144891BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144891BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022

Quant Time: May 18 14:03:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	21872	20.000	ng	-0.01
21) Naphthalene-d8	10.891	136	97778	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	80857	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	194851	20.000	ng	0.00
76) Chrysene-d12	21.736	240	195049	20.000	ng	0.00
86) Perylene-d12	25.014	264	193601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	179363	139.175	ng	0.00
7) Phenol-d6	7.243	99	269028	137.547	ng	0.00
23) Nitrobenzene-d5	9.247	82	188365	82.006	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	150221	125.967	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	438543	79.255	ng	0.00
79) Terphenyl-d14	20.056	244	890188	85.002	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	20096	29.719	ng	# 85
3) Pyridine	3.924	79	40937	24.790	ng	# 89
4) n-Nitrosodimethylamine	3.836	42	35629	44.291	ng	99
6) Aniline	7.402	93	97912	45.198	ng	99
8) 2-Chlorophenol	7.649	128	71636	53.171	ng	97
9) Benzaldehyde	7.214	77	38880	31.290	ng	91
10) Phenol	7.273	94	99433	51.980	ng	96
11) bis(2-Chloroethyl)ether	7.490	93	67780	47.509	ng	92
12) 1,3-Dichlorobenzene	7.966	146	68367	43.014	ng	93
13) 1,4-Dichlorobenzene	8.119	146	69471	43.314	ng	98
14) 1,2-Dichlorobenzene	8.436	146	68188	45.274	ng	99
15) Benzyl Alcohol	8.318	79	73439	44.911	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.600	45	111823	48.158	ng	98
17) 2-Methylphenol	8.530	107	67602	52.286	ng	93
18) Hexachloroethane	9.164	117	26626	43.716	ng	96
19) n-Nitroso-di-n-propyla...	8.882	70	66953	47.710	ng	94
20) 3+4-Methylphenols	8.853	107	93774	51.354	ng	99
22) Acetophenone	8.900	105	116317	43.466	ng	# 99
24) Nitrobenzene	9.288	77	101470	45.642	ng	99
25) Isophorone	9.805	82	177992	46.044	ng	97
26) 2-Nitrophenol	10.004	139	41106	45.652	ng	95
27) 2,4-Dimethylphenol	10.057	122	72346	53.389	ng	97
28) bis(2-Chloroethoxy)met...	10.286	93	98745	44.414	ng	97
29) 2,4-Dichlorophenol	10.545	162	80945	49.494	ng	94
30) 1,2,4-Trichlorobenzene	10.756	180	79902	43.000	ng	98
31) Naphthalene	10.938	128	220854	44.404	ng	98
32) Benzoic acid	10.228	122	26054m	33.807	ng	
33) 4-Chloroaniline	11.056	127	46667	22.404	ng	97
34) Hexachlorobutadiene	11.226	225	59657	43.296	ng	98
35) Caprolactam	11.825	113	28666m	48.233	ng	
36) 4-Chloro-3-methylphenol	12.172	107	93846	47.971	ng	98
37) 2-Methylnaphthalene	12.542	142	174093	46.903	ng	100
38) 1-Methylnaphthalene	12.759	142	162815	44.959	ng	97
40) 1,2,4,5-Tetrachloroben...	12.912	216	111490	43.744	ng	99
41) Hexachlorocyclopentadiene	12.889	237	90291	86.203	ng	96
43) 2,4,6-Trichlorophenol	13.147	196	72693	43.694	ng	96

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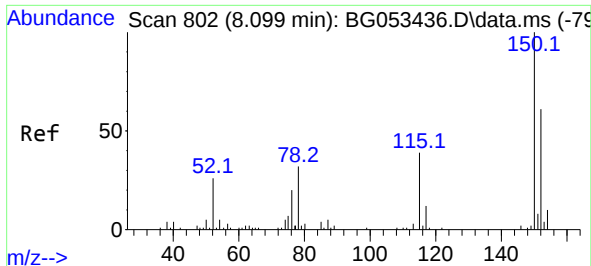
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.229	196	81147	45.829	ng	96
46) 1,1'-Biphenyl	13.541	154	241102	43.745	ng	98
47) 2-Chloronaphthalene	13.588	162	182388	42.238	ng	98
48) 2-Nitroaniline	13.788	65	76999	47.854	ng	98
49) Acenaphthylene	14.428	152	306659	44.504	ng	100
50) Dimethylphthalate	14.158	163	267657	43.561	ng	100
51) 2,6-Dinitrotoluene	14.281	165	57191	45.687	ng	96
52) Acenaphthene	14.769	154	180758	44.018	ng	99
53) 3-Nitroaniline	14.610	138	46433	34.330	ng	99
54) 2,4-Dinitrophenol	14.827	184	60665	76.631	ng	94
55) Dibenzofuran	15.103	168	311889	42.284	ng	96
56) 4-Nitrophenol	14.933	139	84571	87.542	ng	95
57) 2,4-Dinitrotoluene	15.068	165	84850	46.762	ng	87
58) Fluorene	15.755	166	258966	43.751	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.338	232	76935	42.824	ng	95
60) Diethylphthalate	15.515	149	280241	44.154	ng	97
61) 4-Chlorophenyl-phenyle...	15.738	204	143239	43.367	ng	99
62) 4-Nitroaniline	15.779	138	62857	44.806	ng	97
63) Azobenzene	16.032	77	286462	44.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.844	198	51250	44.140	ng	91
66) n-Nitrosodiphenylamine	15.955	169	233711	45.684	ng	98
67) 4-Bromophenyl-phenylether	16.637	248	105577	46.394	ng	99
68) Hexachlorobenzene	16.766	284	116510	46.749	ng	98
69) Atrazine	16.901	200	100437	46.635	ng	92
70) Pentachlorophenol	17.112	266	106710	79.535	ng	94
71) Phenanthrene	17.494	178	452501	45.671	ng	97
72) Anthracene	17.588	178	457016	46.929	ng	99
73) Carbazole	17.858	167	413694	43.345	ng	99
74) Di-n-butylphthalate	18.399	149	487727	45.437	ng	100
75) Fluoranthene	19.503	202	579084	45.139	ng	99
77) Benzidine	19.680	184	176562	41.998	ng	99
78) Pyrene	19.868	202	582134	46.104	ng	99
80) Butylbenzylphthalate	20.737	149	210677	45.502	ng	98
81) Benzo(a)anthracene	21.718	228	539199	43.342	ng	100
82) 3,3'-Dichlorobenzidine	21.624	252	153309	48.595	ng	94
83) Chrysene	21.783	228	521710	44.901	ng	98
84) Bis(2-ethylhexyl)phtha...	21.600	149	300752	47.062	ng	98
85) Di-n-octyl phthalate	22.828	149	510302	47.222	ng	100
87) Indeno(1,2,3-cd)pyrene	28.779	276	637167	47.254	ng	# 99
88) Benzo(b)fluoranthene	23.974	252	564328	49.245	ng	98
89) Benzo(k)fluoranthene	24.038	252	551321	48.959	ng	99
90) Benzo(a)pyrene	24.867	252	545869	55.965	ng	100
91) Dibenzo(a,h)anthracene	28.826	278	533792	48.043	ng	99
92) Benzo(g,h,i)perylene	29.954	276	535970	48.665	ng	96

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



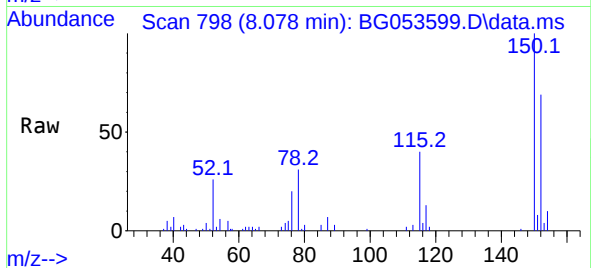
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 79
Delta R.T. -0.011 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

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PB144891BS

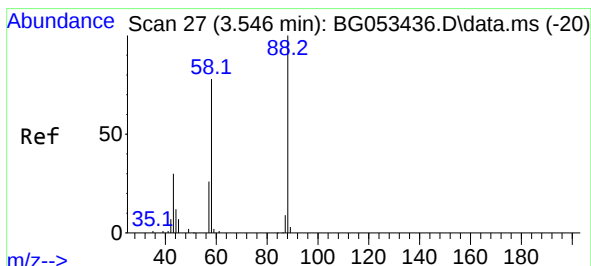
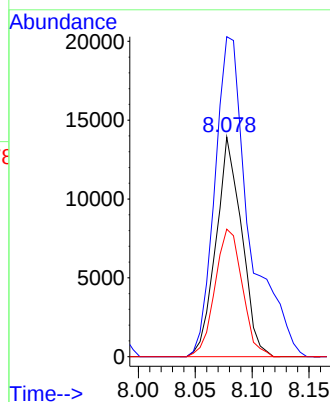
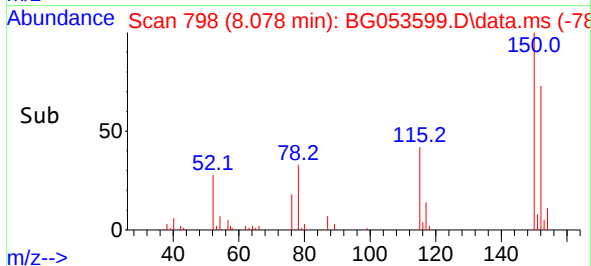


Tgt Ion:152 Resp: 21872
Ion Ratio Lower Upper
152 100
150 145.7 131.6 197.4
115 58.1 50.9 76.3

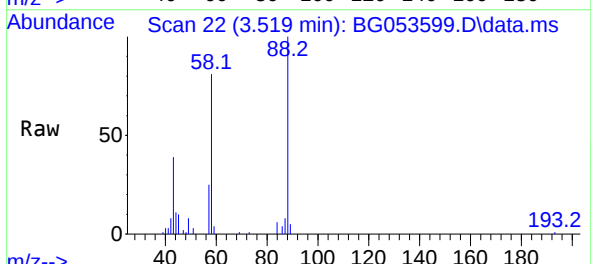
Manual Integrations

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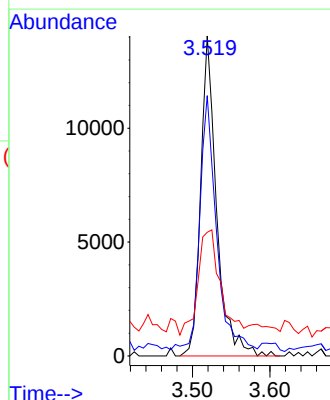
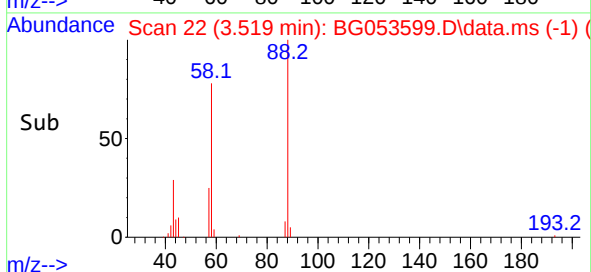
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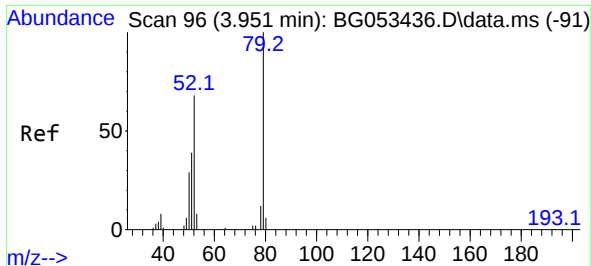


#2
1,4-Dioxane
Concen: 29.719 ng
RT: 3.519 min Scan# 22
Delta R.T. -0.018 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



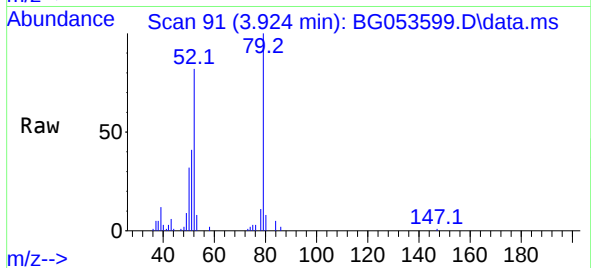
Tgt Ion: 88 Resp: 20096
Ion Ratio Lower Upper
88 100
58 81.9 59.2 88.8
43 46.2 24.3 36.5





#3
Pyridine
Concen: 24.790 ng
RT: 3.924 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

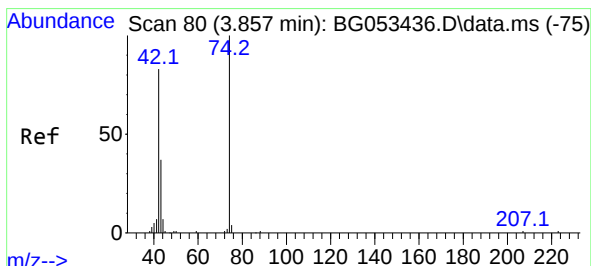
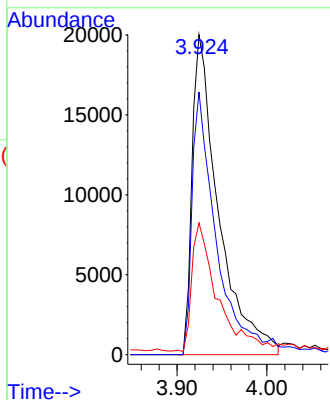
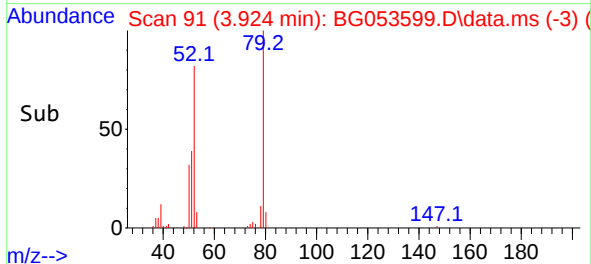
Instrument :
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Tgt Ion: 79 Resp: 4093
Ion Ratio Lower Upper
79 100
52 82.1 54.6 81.8
51 41.1 32.5 48.7

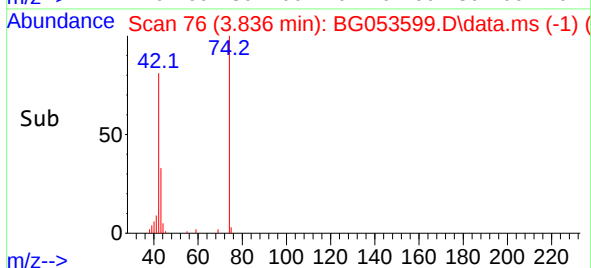
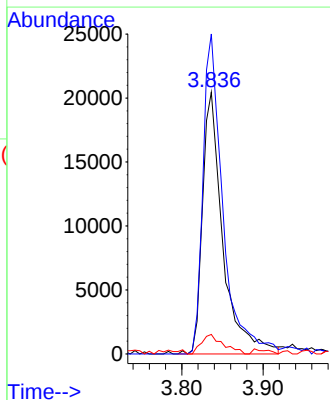
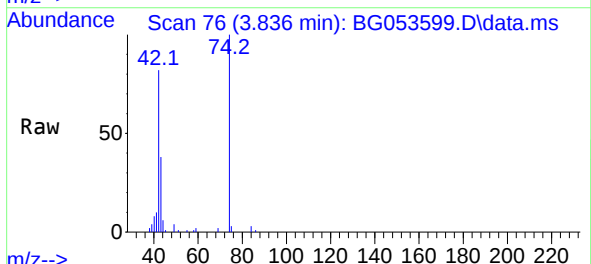
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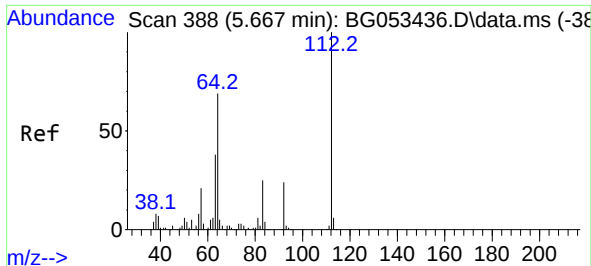
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#4
n-Nitrosodimethylamine
Concen: 44.291 ng
RT: 3.836 min Scan# 76
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion: 42 Resp: 35629
Ion Ratio Lower Upper
42 100
74 122.3 97.0 145.4
44 7.5 7.0 10.4





#5
2-Fluorophenol
Concen: 139.175 ng
RT: 5.646 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

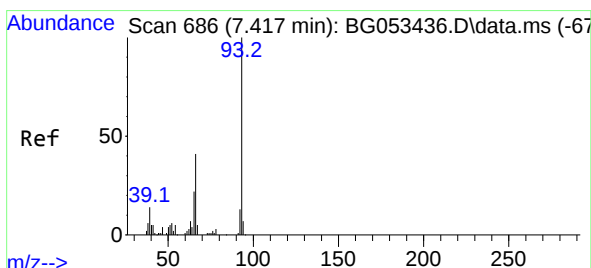
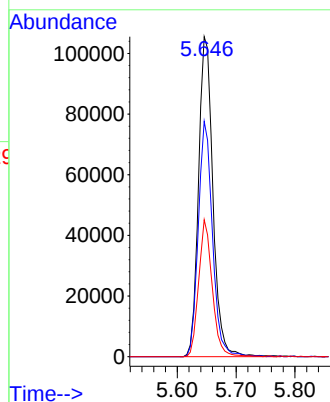
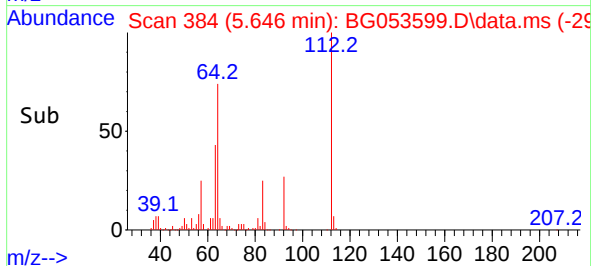
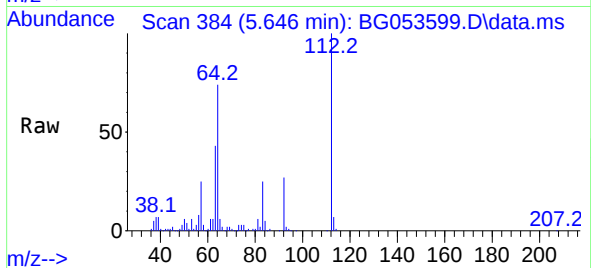
PB144891BS

Tgt Ion:112 Resp: 17936
Ion Ratio Lower Upper
112 100
64 73.6 55.1 82.7
63 42.8 30.4 45.6

Manual Integrations

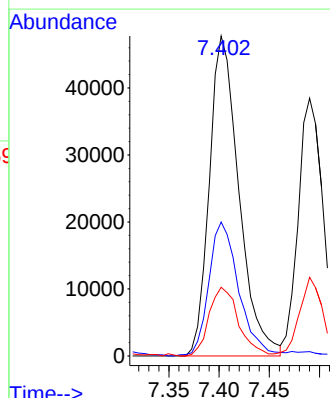
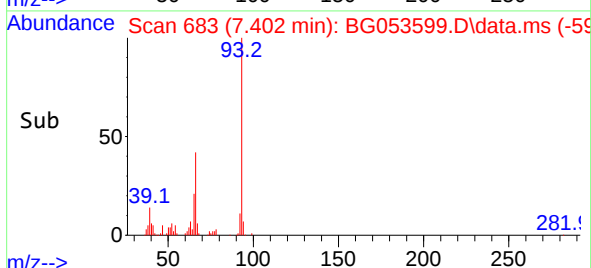
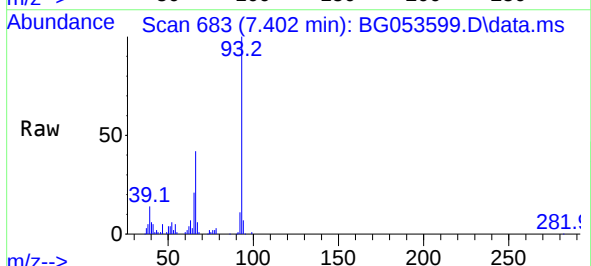
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#6
Aniline
Concen: 45.198 ng
RT: 7.402 min Scan# 683
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion: 93 Resp: 97912
Ion Ratio Lower Upper
93 100
66 41.9 32.9 49.3
65 21.4 17.8 26.8





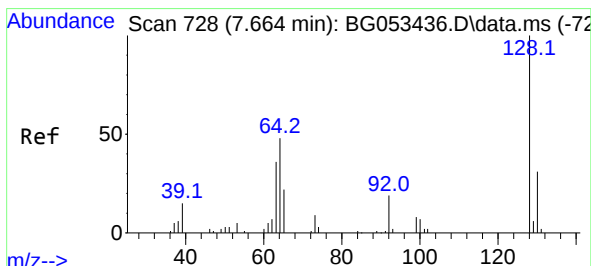
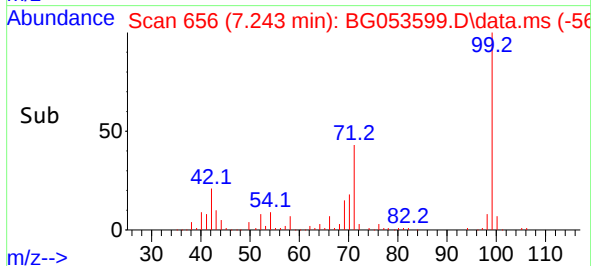
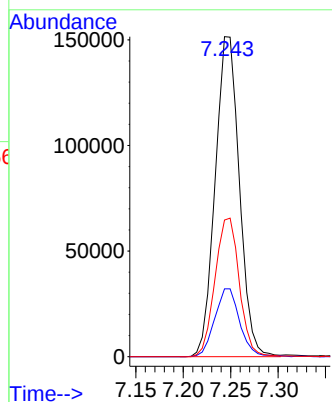
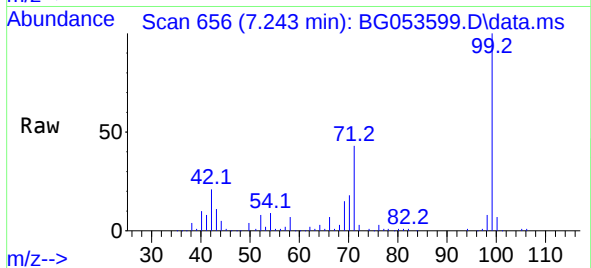
#7
Phenol-d6
Concen: 137.547 ng
RT: 7.243 min Scan# 611
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :
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ClientSampleId :
PB144891BS

Tgt Ion: 99 Resp: 269028
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 42.7 33.8 50.8

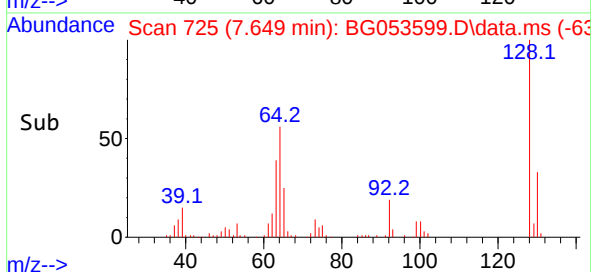
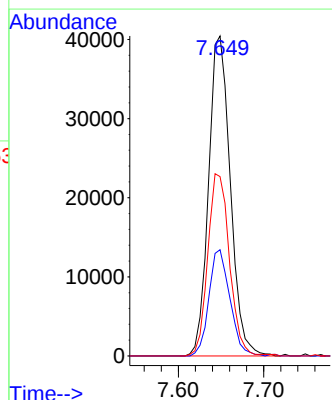
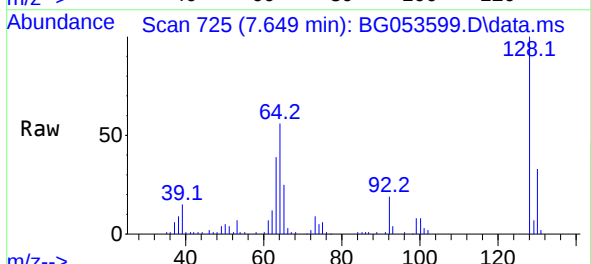
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#8
2-Chlorophenol
Concen: 53.171 ng
RT: 7.649 min Scan# 725
Delta R.T. -0.006 min
Lab File: BG053599.D
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Tgt Ion:128 Resp: 71636
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 56.1 35.1 75.1





#9
Benzaldehyde
Concen: 31.290 ng
RT: 7.214 min Scan# 610
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

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ClientSampleId :

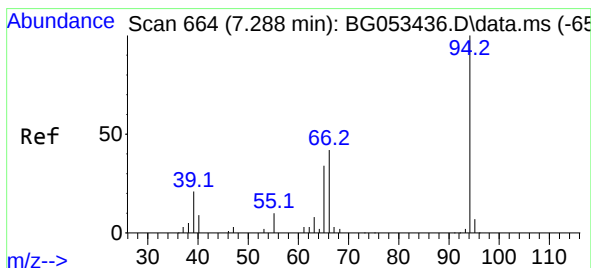
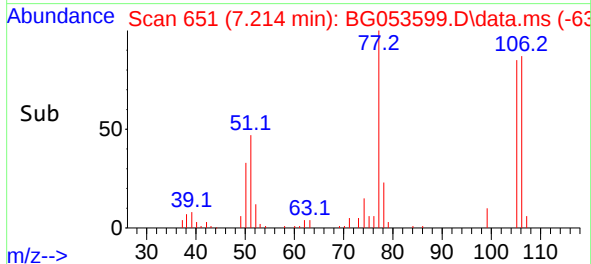
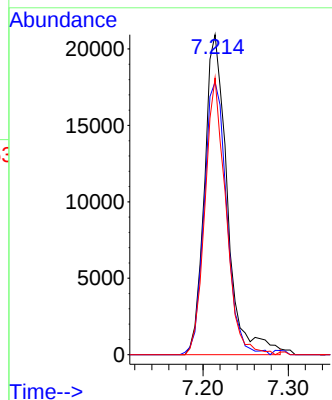
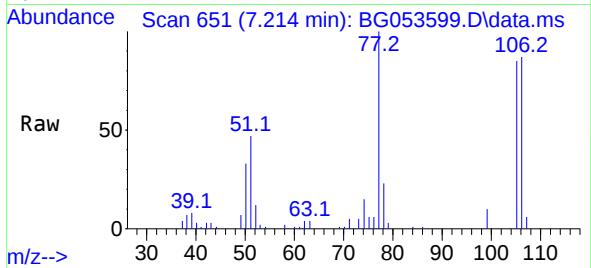
PB144891BS

Tgt Ion: 77 Resp: 38880
Ion Ratio Lower Upper
77 100
105 85.2 59.6 99.6
106 86.5 56.8 96.8

Manual Integrations

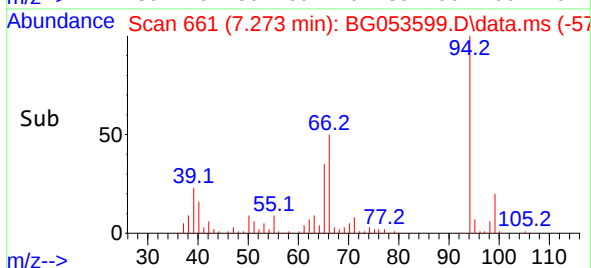
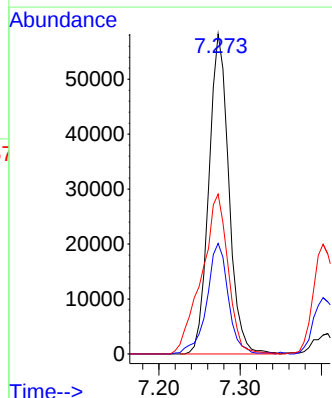
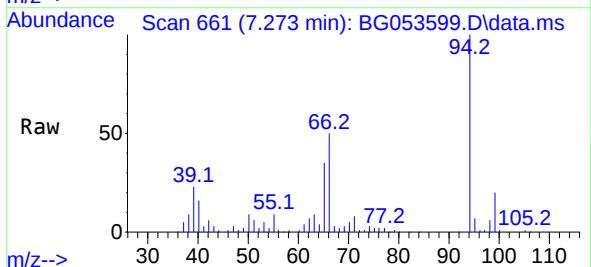
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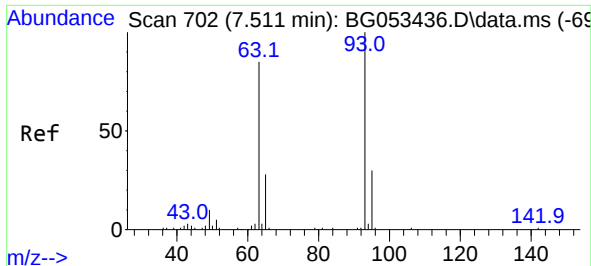
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#10
Phenol
Concen: 51.980 ng
RT: 7.273 min Scan# 661
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion: 94 Resp: 99433
Ion Ratio Lower Upper
94 100
65 34.5 14.8 54.8
66 50.0 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 47.509 ng
RT: 7.490 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

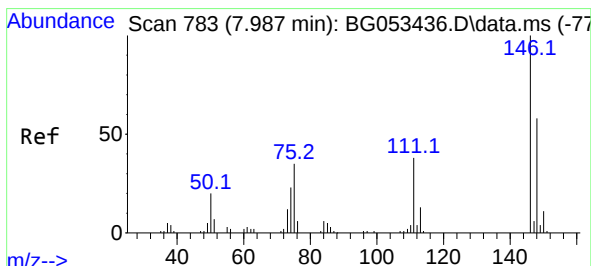
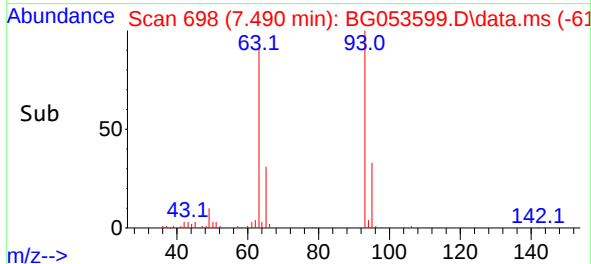
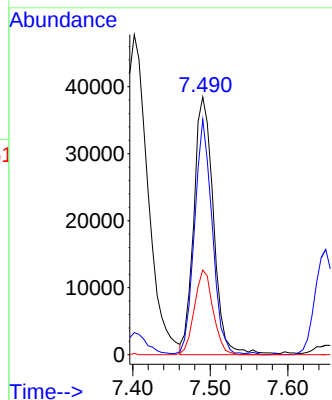
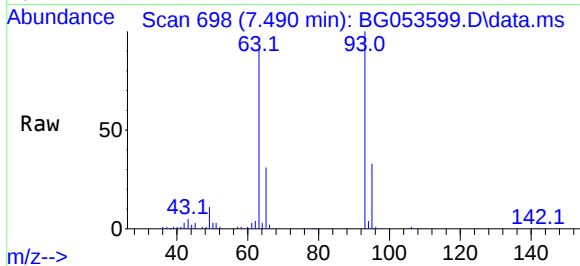
PB144891BS

Tgt Ion: 93 Resp: 67780
Ion Ratio Lower Upper
93 100
63 91.3 63.6 103.6
95 32.8 10.1 50.1

Manual Integrations

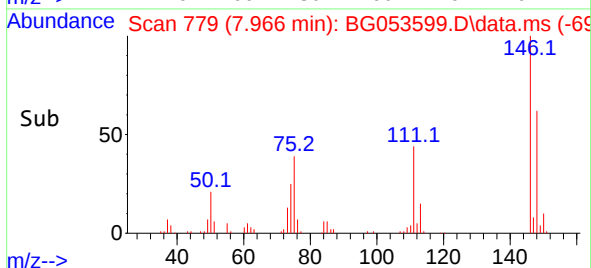
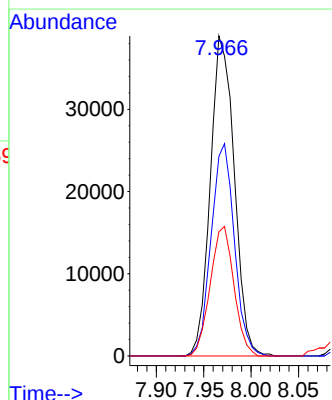
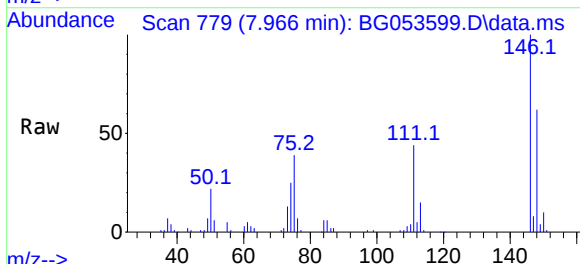
APPROVED

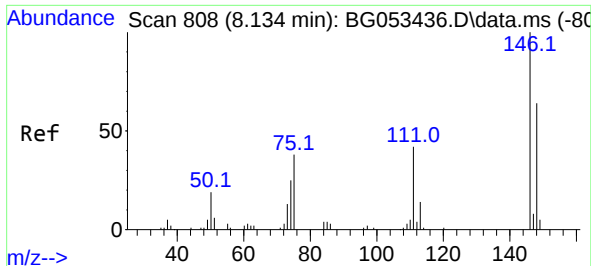
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#12
1,3-Dichlorobenzene
Concen: 43.014 ng
RT: 7.966 min Scan# 779
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:146 Resp: 68367
Ion Ratio Lower Upper
146 100
148 62.4 46.1 69.1
75 38.8 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 43.314 ng
RT: 8.119 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

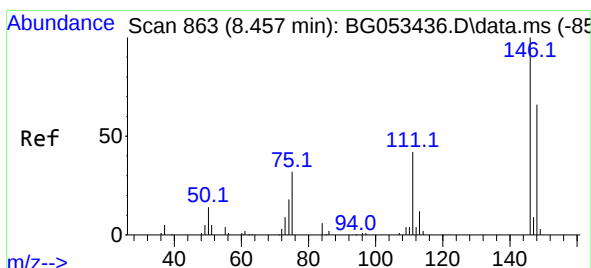
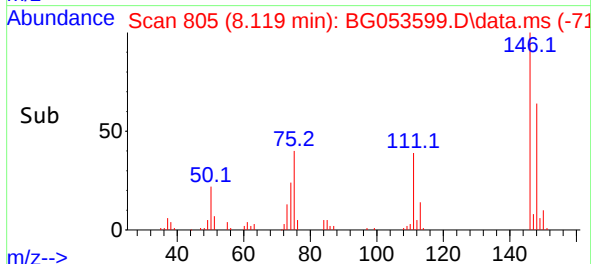
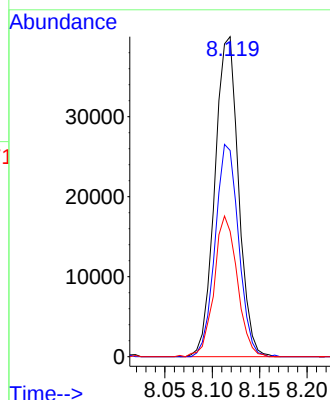
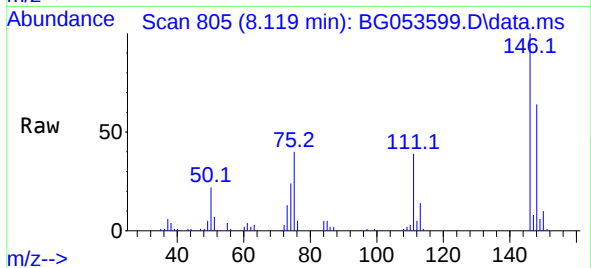
PB144891BS

Tgt Ion:146 Resp: 6947
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 39.2 33.9 50.9

Manual Integrations

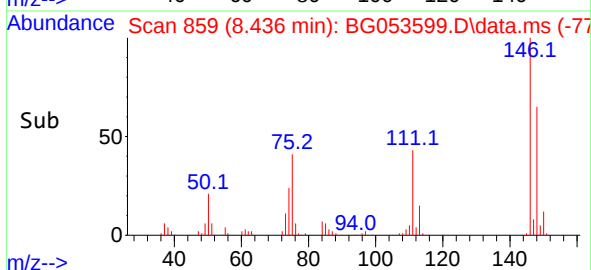
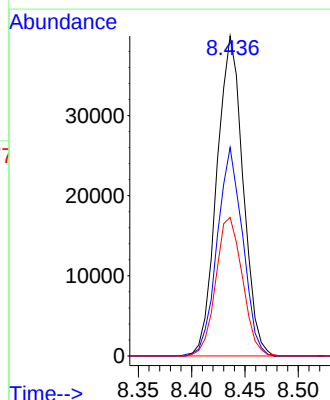
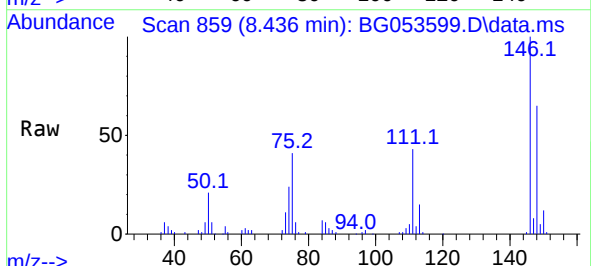
APPROVED

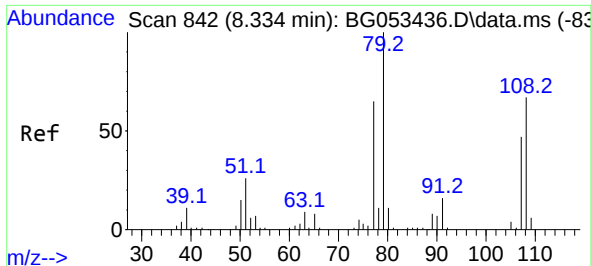
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#14
1,2-Dichlorobenzene
Concen: 45.274 ng
RT: 8.436 min Scan# 859
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:146 Resp: 68188
Ion Ratio Lower Upper
146 100
148 65.1 52.6 78.8
111 43.3 34.5 51.7





#15
Benzyl Alcohol
Concen: 44.911 ng
RT: 8.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

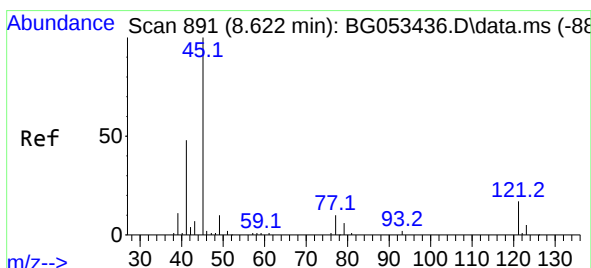
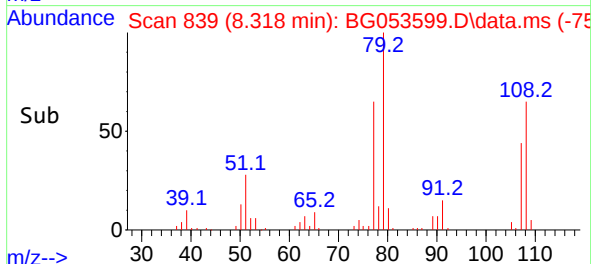
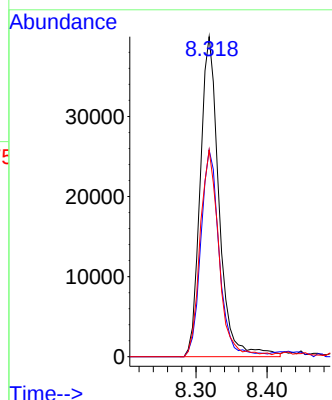
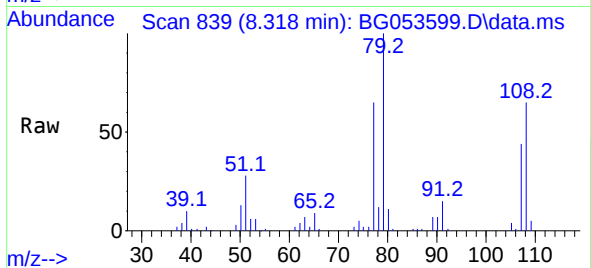
PB144891BS

Tgt Ion: 79 Resp: 73439
Ion Ratio Lower Upper
79 100
108 64.6 53.7 80.5
77 64.6 52.2 78.4

Manual Integrations

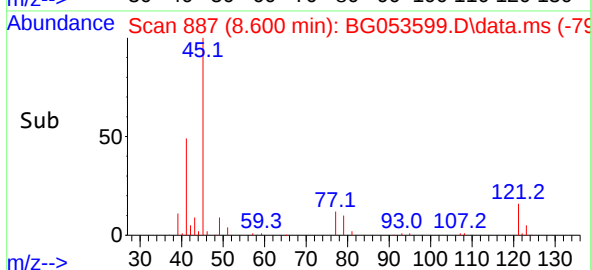
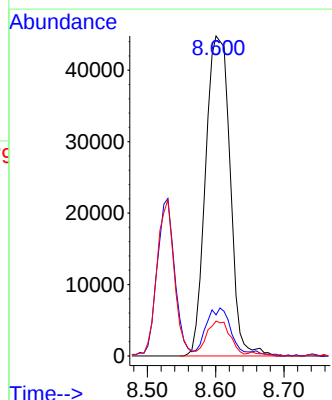
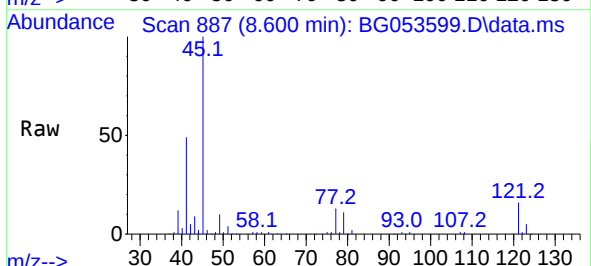
APPROVED

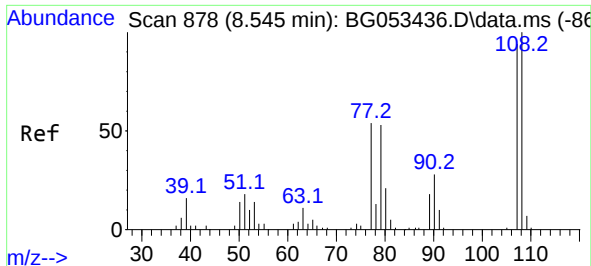
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.158 ng
RT: 8.600 min Scan# 887
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion: 45 Resp: 111823
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.7
79 10.9 0.0 29.7





#17
2-Methylphenol
Concen: 52.286 ng
RT: 8.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

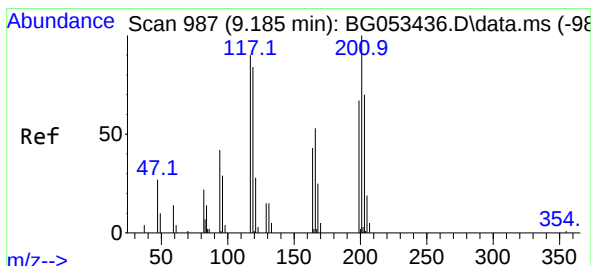
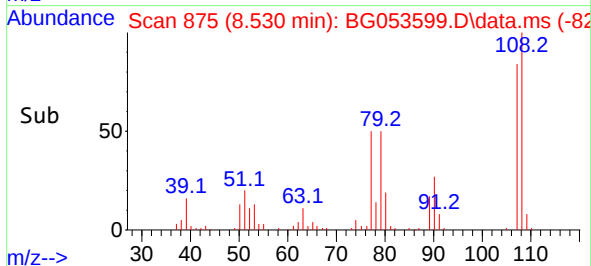
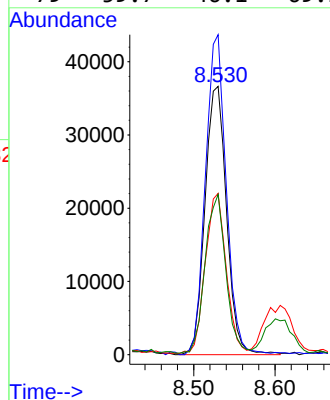
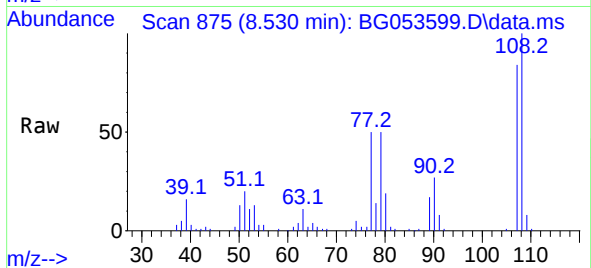
PB144891BS

Tgt Ion:107 Resp: 6760
Ion Ratio Lower Upper
107 100
108 119.3 85.4 128.0
77 60.1 46.2 69.2
79 59.7 46.1 69.2

Manual Integrations

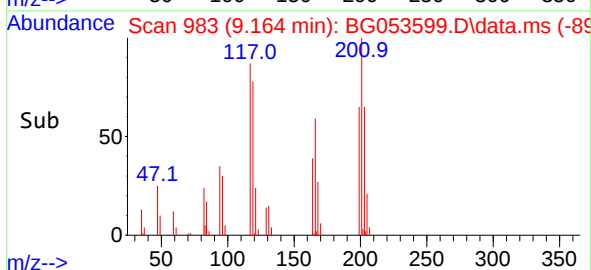
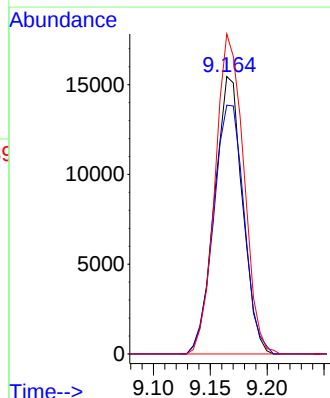
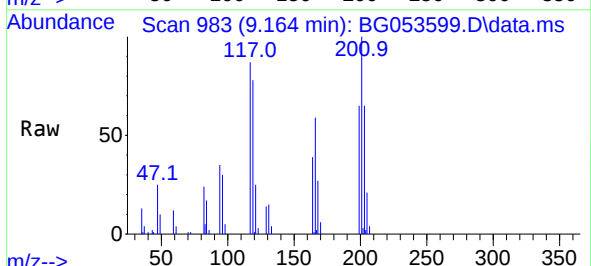
APPROVED

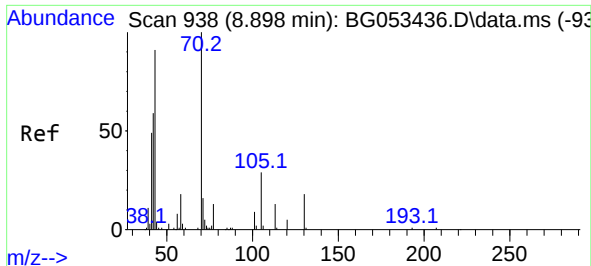
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#18
Hexachloroethane
Concen: 43.716 ng
RT: 9.164 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:117 Resp: 26626
Ion Ratio Lower Upper
117 100
119 89.7 75.0 112.6
201 115.3 89.0 133.6





#19

n-Nitroso-di-n-propylamine

Concen: 47.710 ng

RT: 8.882 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

Tgt Ion: 70 Resp: 6695

Ion Ratio Lower Upper

70 100

42 64.5 47.3 70.9

101 7.8 7.0 10.4

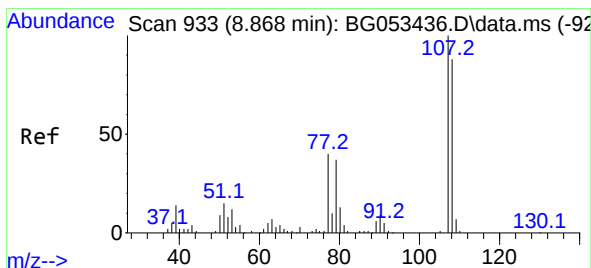
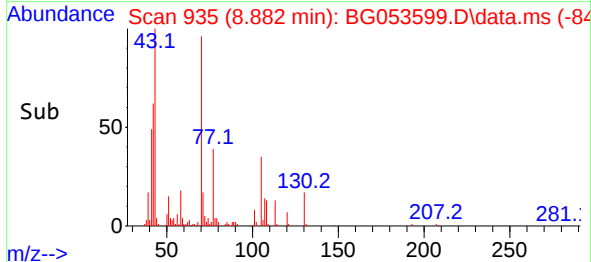
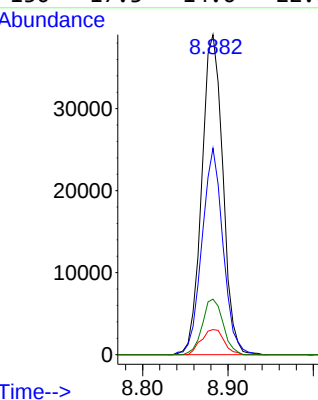
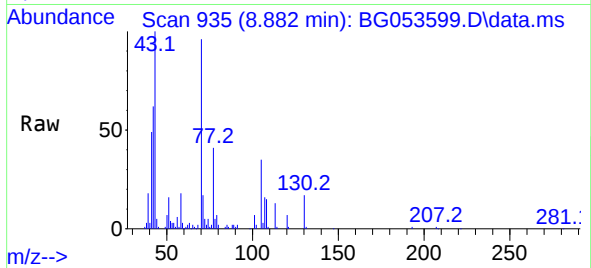
130 17.3 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#20

3+4-Methylphenols

Concen: 51.354 ng

RT: 8.853 min Scan# 930

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Tgt Ion:107 Resp: 93774

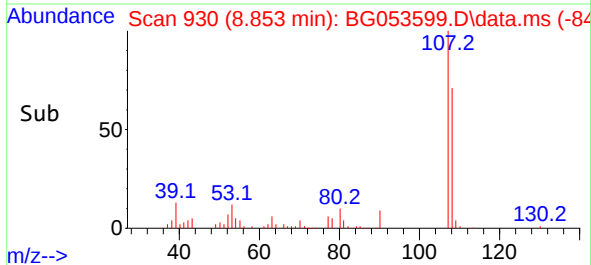
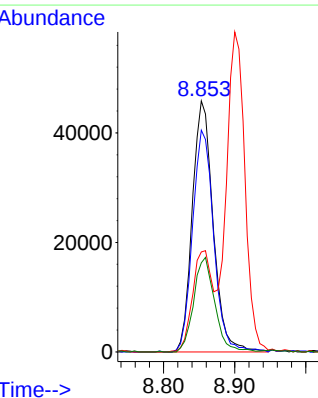
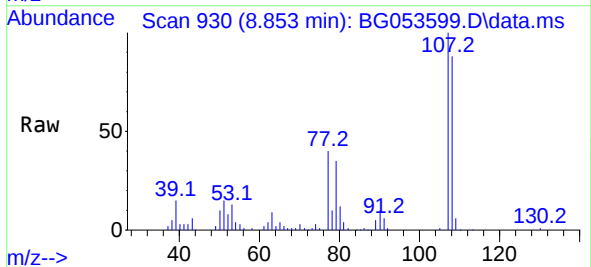
Ion Ratio Lower Upper

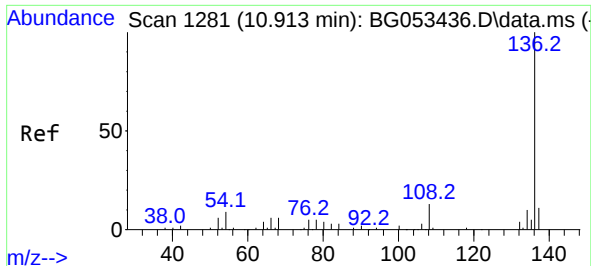
107 100

108 88.3 67.5 107.5

77 39.9 20.3 60.3

79 35.5 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

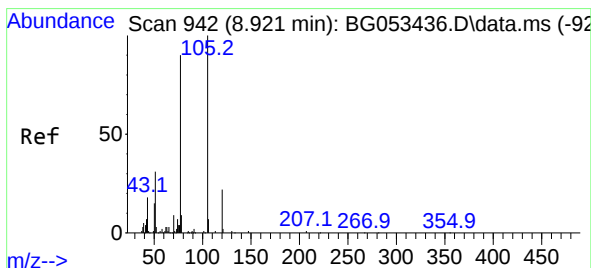
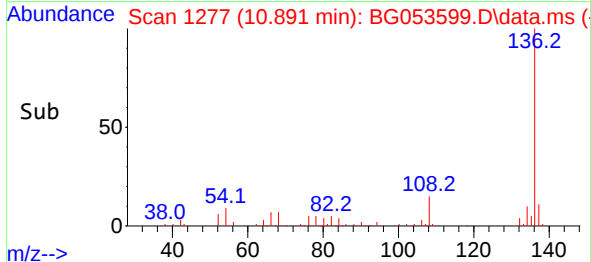
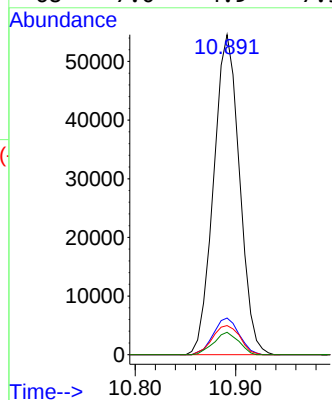
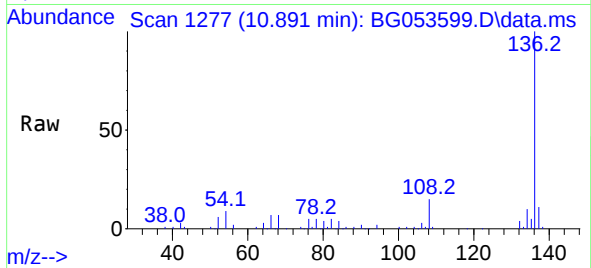
PB144891BS

Tgt Ion:136 Resp: 97778
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 9.1 7.4 11.2
68 7.0 4.9 7.3

Manual Integrations

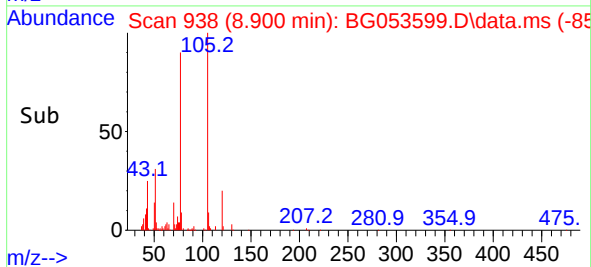
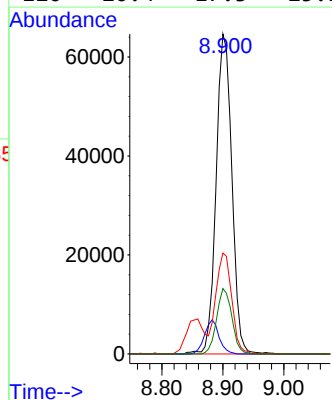
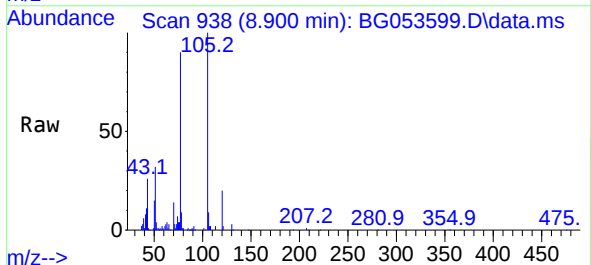
APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#22
Acetophenone
Concen: 43.466 ng
RT: 8.900 min Scan# 938
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:105 Resp: 116317
Ion Ratio Lower Upper
105 100
71 2.6 1.1 1.7#
51 31.6 25.4 38.0
120 20.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 82.006 ng

RT: 9.247 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

Tgt Ion: 82 Resp: 18836

Ion Ratio Lower Upper

82 100

128 33.7 27.9 41.9

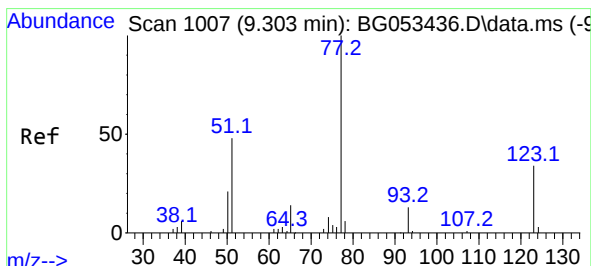
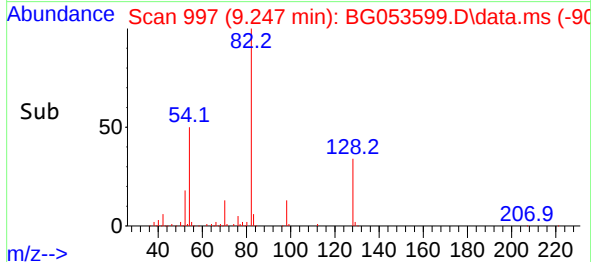
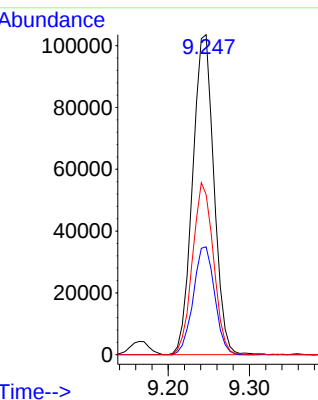
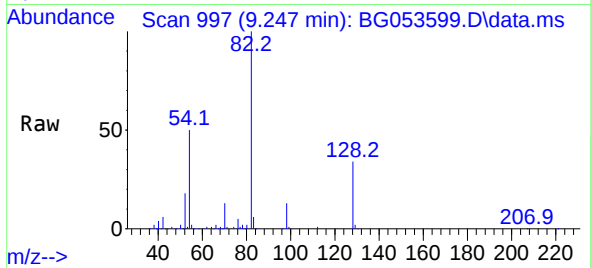
54 50.1 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#24

Nitrobenzene

Concen: 45.642 ng

RT: 9.288 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

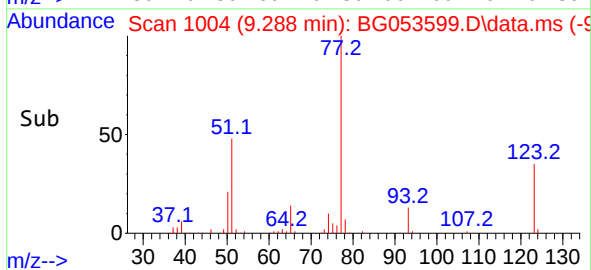
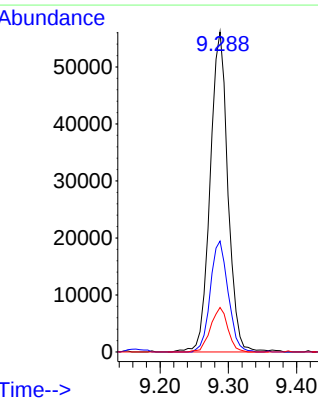
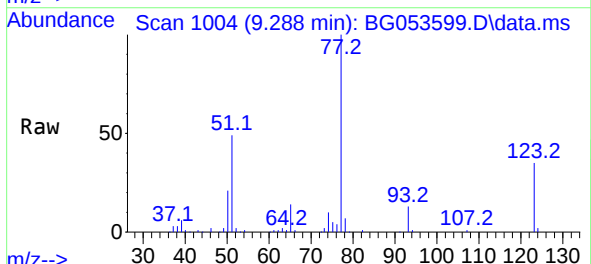
Tgt Ion: 77 Resp: 101470

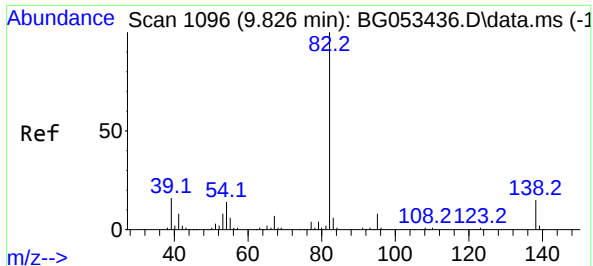
Ion Ratio Lower Upper

77 100

123 34.6 27.4 41.0

65 13.9 11.4 17.0





#25
Isophorone
Concen: 46.044 ng
RT: 9.805 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

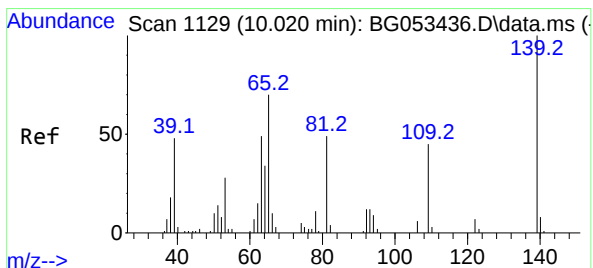
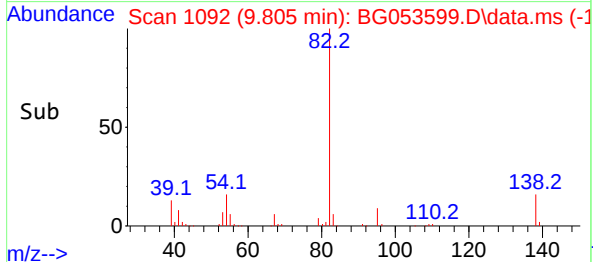
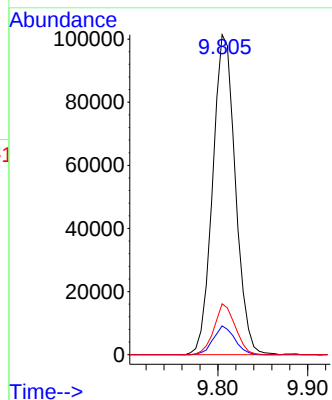
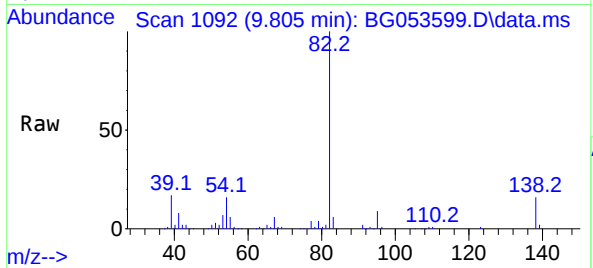
PB144891BS

Tgt Ion: 82 Resp: 177992
Ion Ratio Lower Upper
82 100
95 9.0 6.2 9.4
138 15.9 11.6 17.4

Manual Integrations

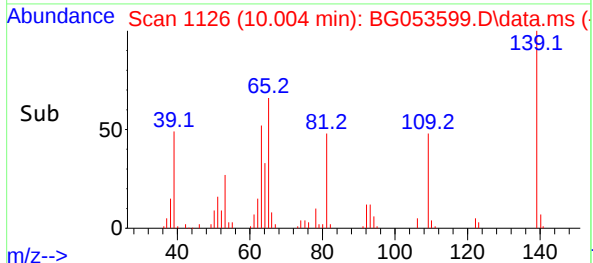
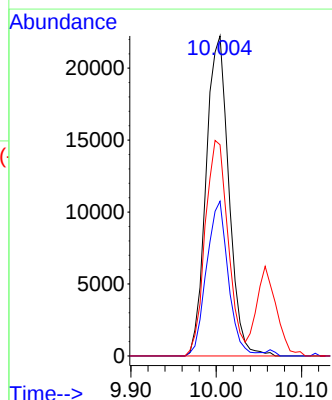
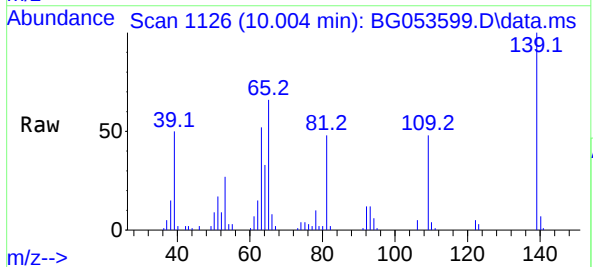
APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#26
2-Nitrophenol
Concen: 45.652 ng
RT: 10.004 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:139 Resp: 41106
Ion Ratio Lower Upper
139 100
109 48.4 36.1 54.1
65 66.0 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 53.389 ng
RT: 10.057 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

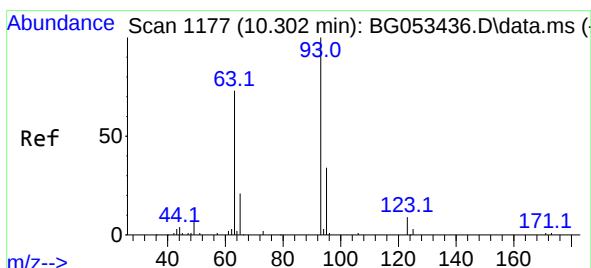
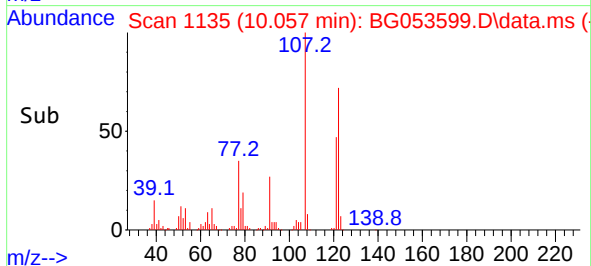
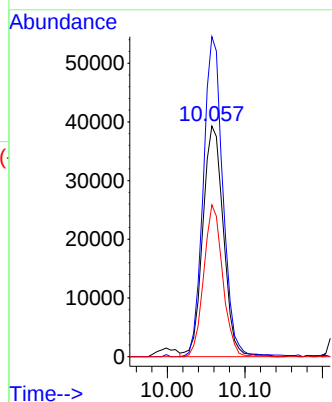
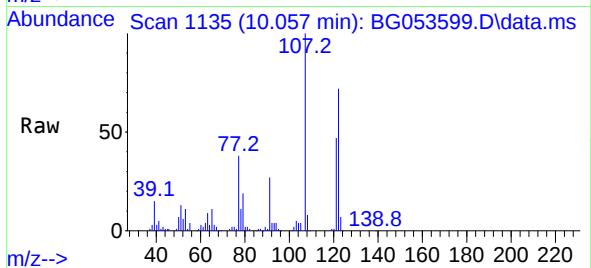
PB144891BS

Tgt Ion:122 Resp: 72340
Ion Ratio Lower Upper
122 100
107 138.8 109.4 164.0
121 65.9 48.7 73.1

Manual Integrations

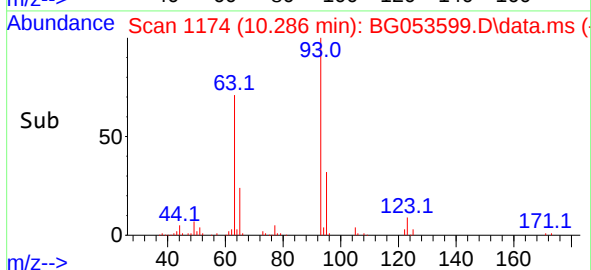
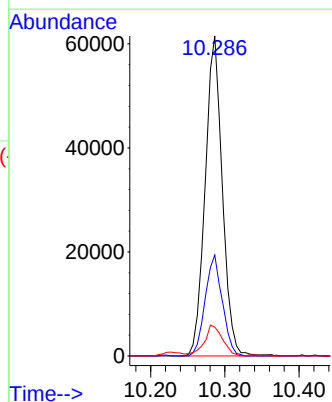
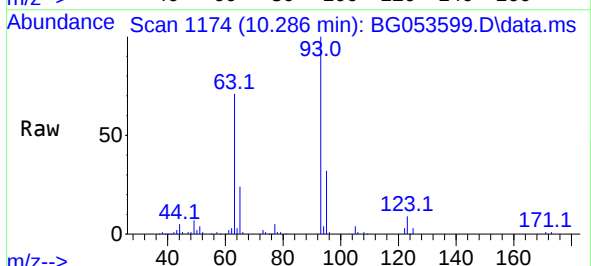
APPROVED

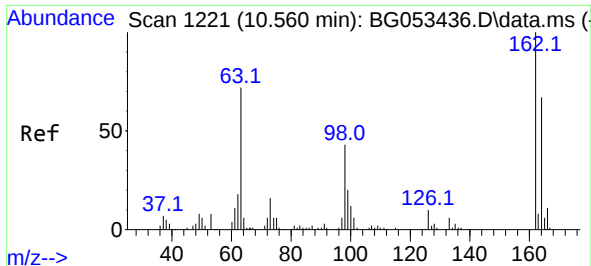
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.414 ng
RT: 10.286 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion: 93 Resp: 98745
Ion Ratio Lower Upper
93 100
95 31.5 26.9 40.3
123 9.0 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 49.494 ng

RT: 10.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

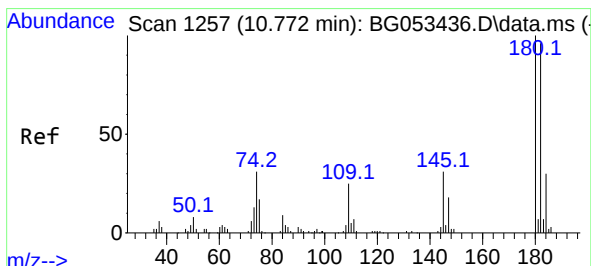
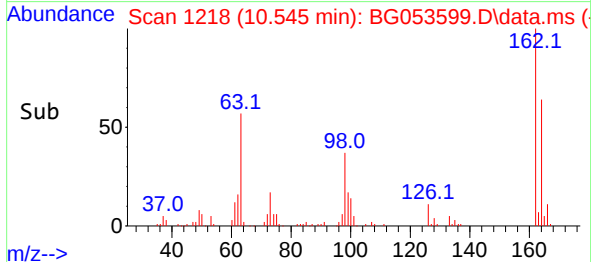
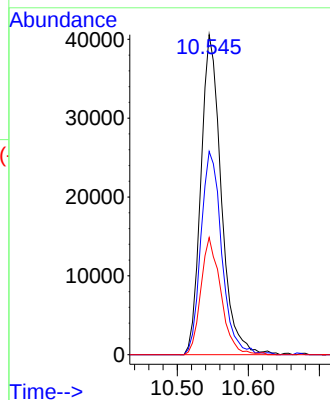
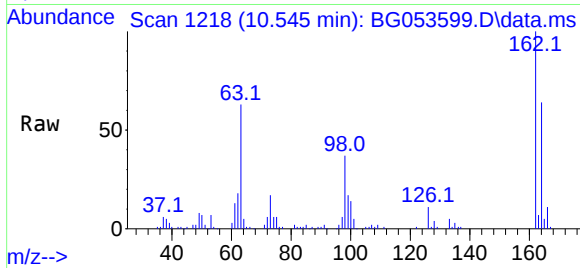
PB144891BS

Tgt Ion:162	Resp:	8094
Ion Ratio	Lower	Upper
162	100	
164	63.5	46.6 86.6
98	36.6	22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.000 ng

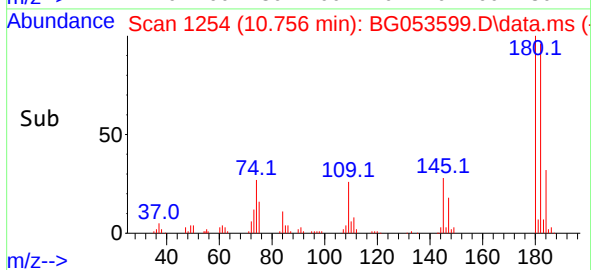
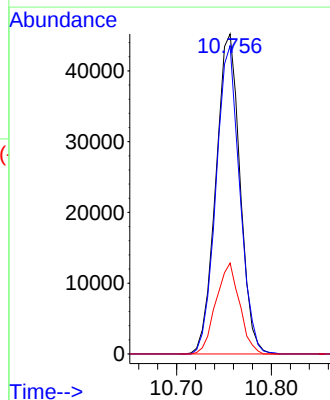
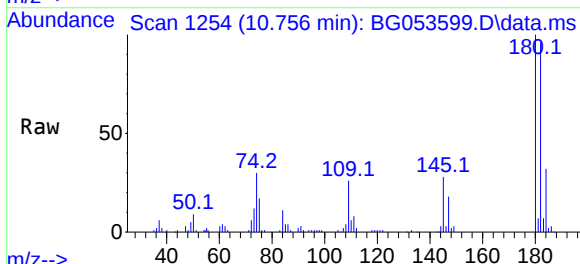
RT: 10.756 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Tgt Ion:180	Resp:	79902
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.6 115.0
145	28.4	25.0 37.4





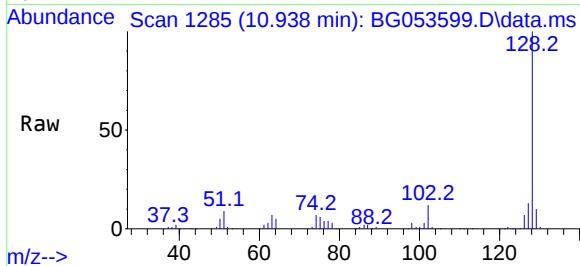
#31
Naphthalene
Concen: 44.404 ng
RT: 10.938 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

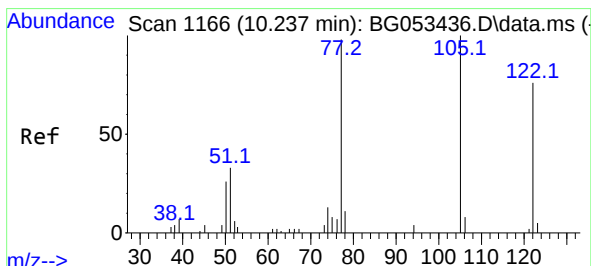
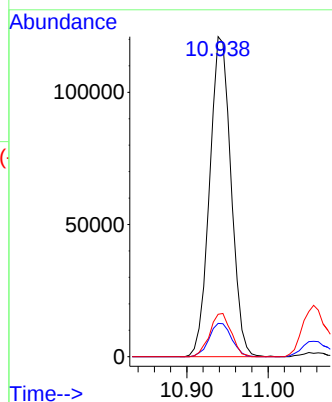
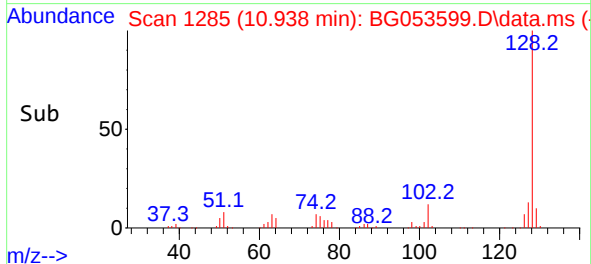


Tgt Ion:128 Resp: 220854
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 13.3 11.1 16.7

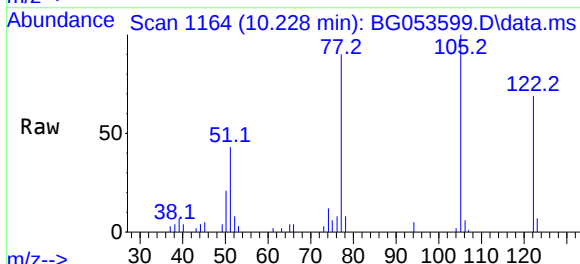
Manual Integrations

APPROVED

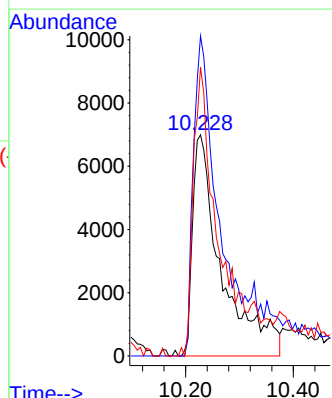
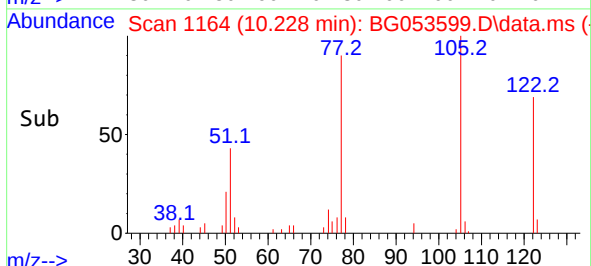
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

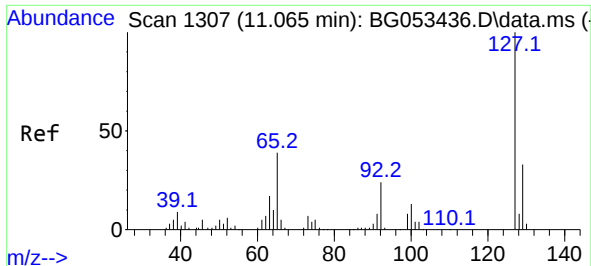


#32
Benzoic acid
Concen: 33.807 ng m
RT: 10.228 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:122 Resp: 26054
Ion Ratio Lower Upper
122 100
105 144.7 111.8 151.8
77 130.7 109.4 149.4





#33
4-Chloroaniline
Concen: 22.404 ng
RT: 11.056 min Scan# 11056
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

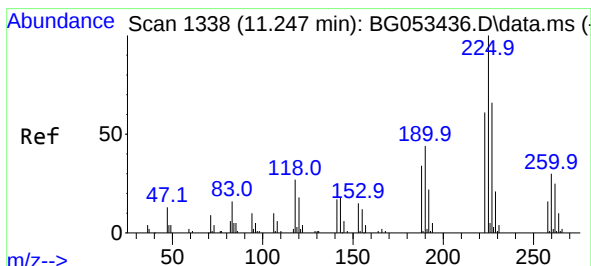
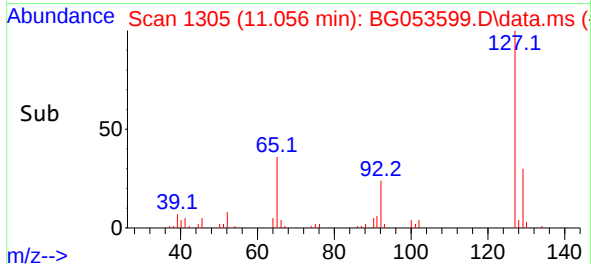
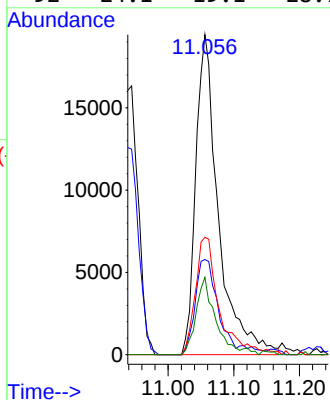
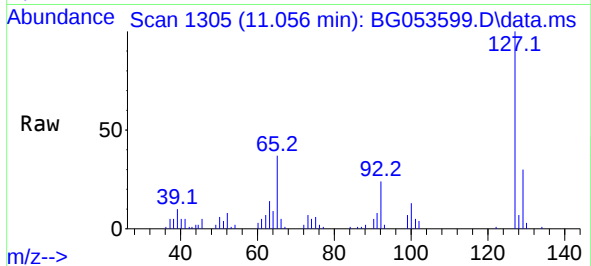
PB144891BS

Tgt Ion:127 Resp: 4666
Ion Ratio Lower Upper
127 100
129 29.7 26.3 39.5
65 36.7 31.1 46.7
92 24.1 19.1 28.7

Manual Integrations

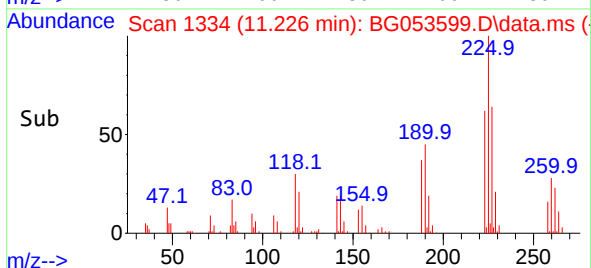
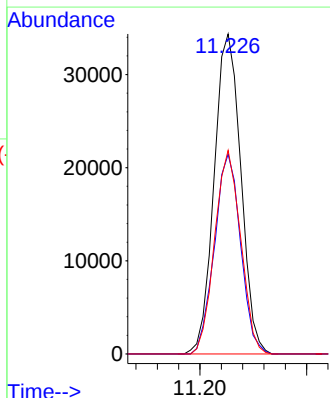
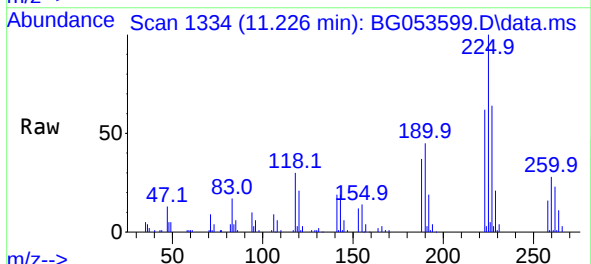
APPROVED

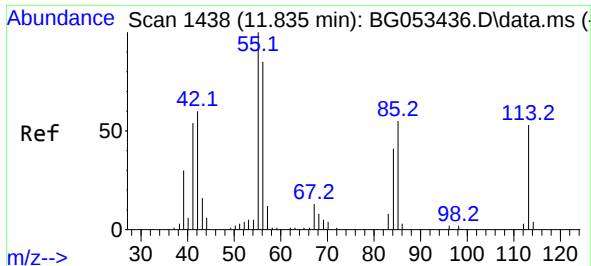
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#34
Hexachlorobutadiene
Concen: 43.296 ng
RT: 11.226 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:225 Resp: 59657
Ion Ratio Lower Upper
225 100
223 62.4 48.9 73.3
227 63.6 52.8 79.2





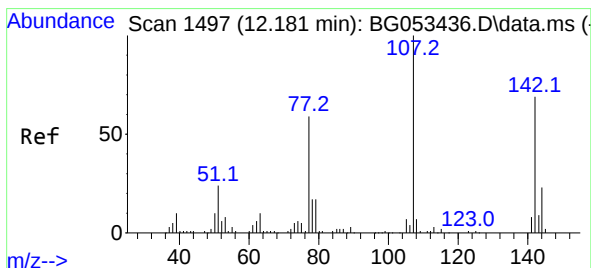
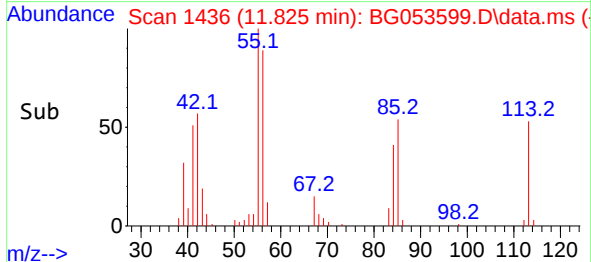
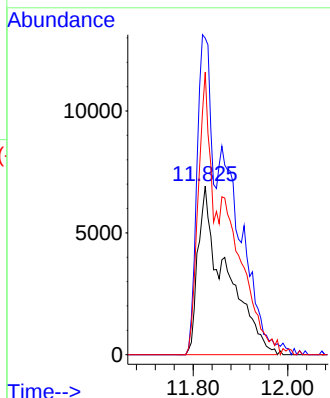
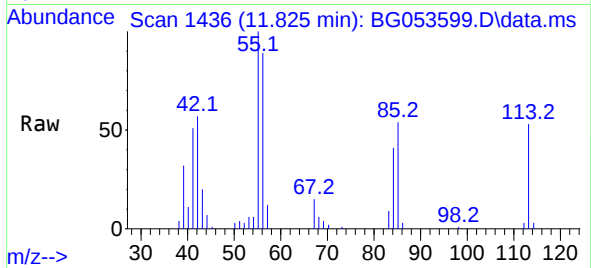
#35
Caprolactam
Concen: 48.233 ng m
RT: 11.825 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :
BNA_G
ClientSampleId :
PB144891BS

Tgt Ion:113 Resp: 2866
Ion Ratio Lower Upper
113 100
55 187.7 169.8 209.8
56 167.6 141.2 181.2

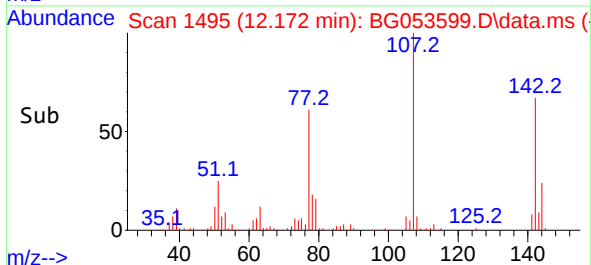
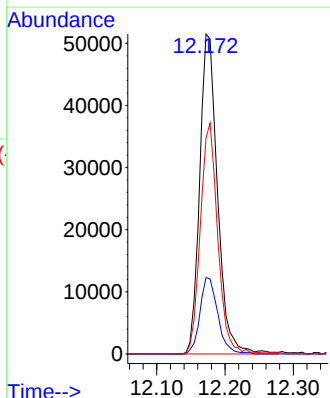
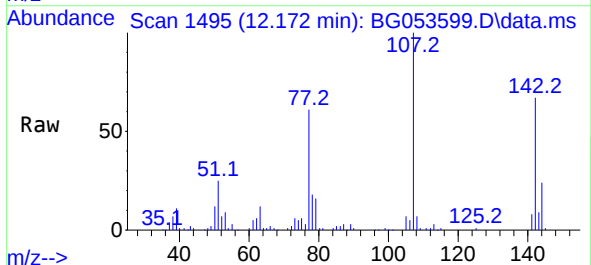
Manual Integrations
APPROVED

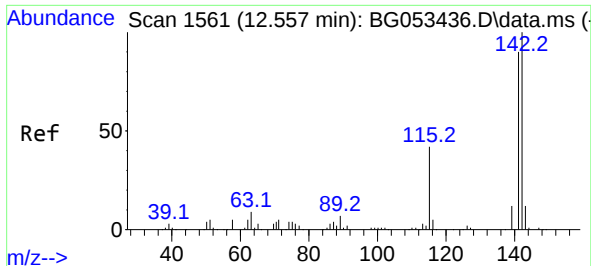
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#36
4-Chloro-3-methylphenol
Concen: 47.971 ng
RT: 12.172 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:107 Resp: 93846
Ion Ratio Lower Upper
107 100
144 23.9 18.5 27.7
142 67.5 55.0 82.4





#37
2-Methylnaphthalene
Concen: 46.903 ng
RT: 12.542 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

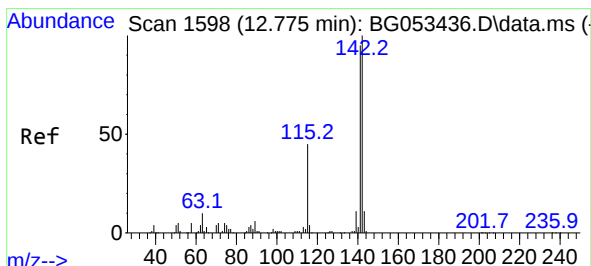
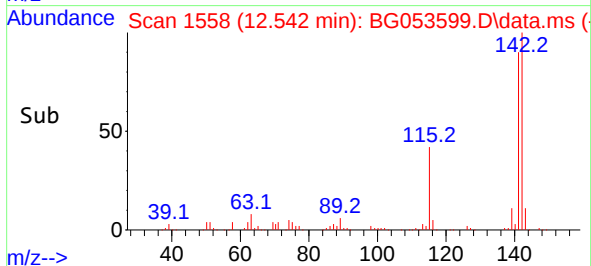
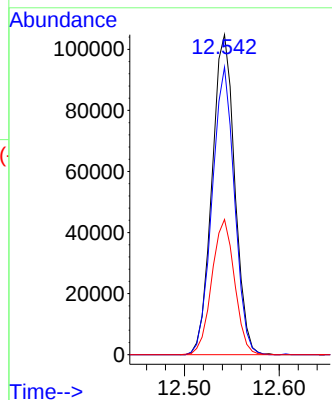
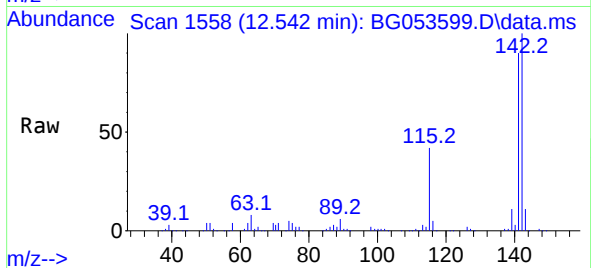
PB144891BS

Tgt Ion:142 Resp: 17409
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5
115 42.3 33.7 50.5

Manual Integrations

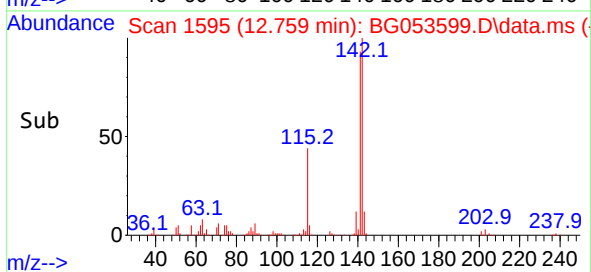
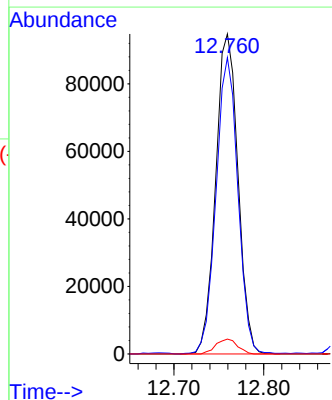
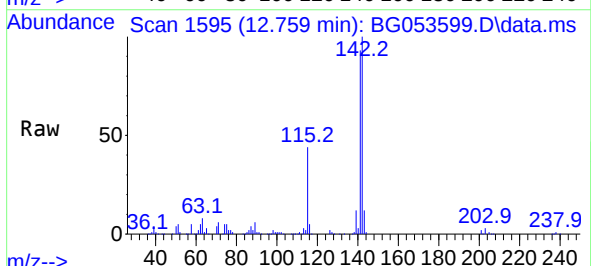
APPROVED

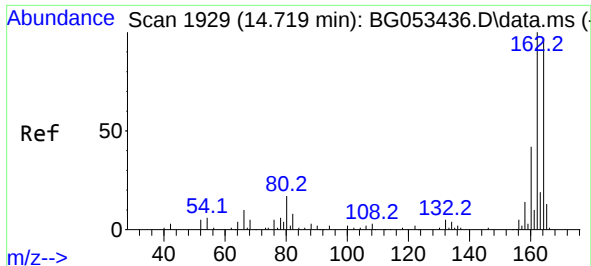
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#38
1-Methylnaphthalene
Concen: 44.959 ng
RT: 12.759 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:142 Resp: 162815
Ion Ratio Lower Upper
142 100
141 92.6 76.4 114.6
116 4.7 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

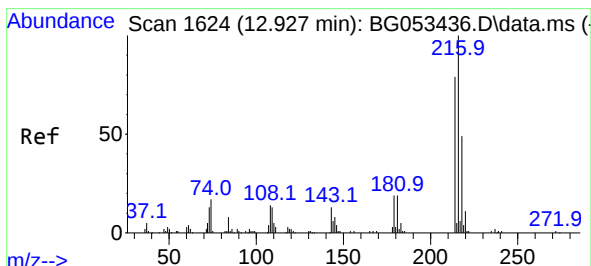
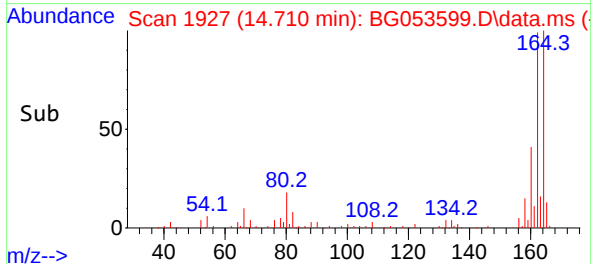
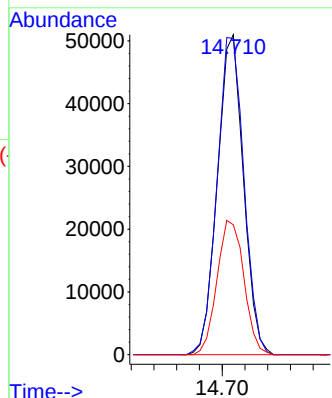
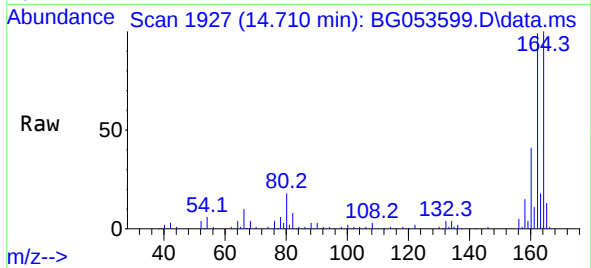
PB144891BS

Tgt Ion:164 Resp: 8085
Ion Ratio Lower Upper
164 100
162 98.8 82.3 123.5
160 40.6 34.2 51.2

Manual Integrations

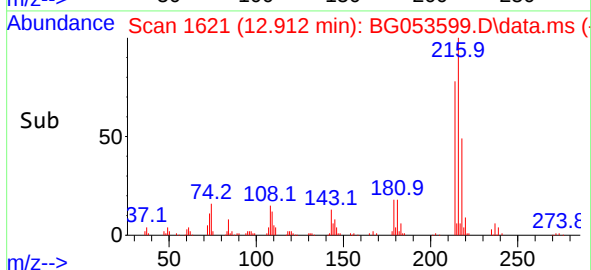
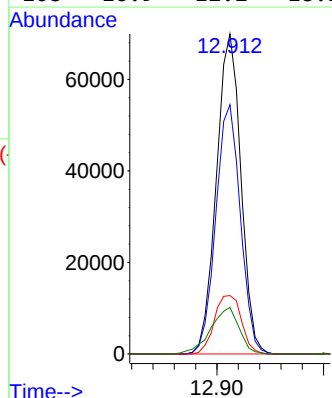
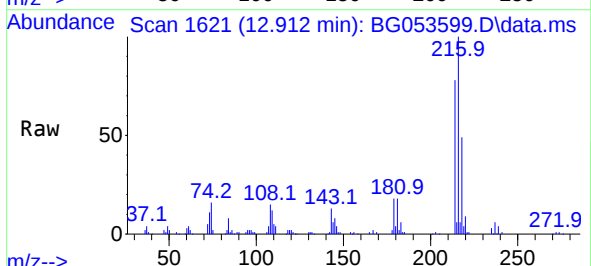
APPROVED

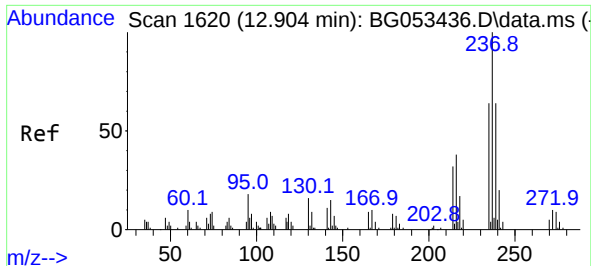
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.744 ng
RT: 12.912 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:216 Resp: 111490
Ion Ratio Lower Upper
216 100
214 78.2 62.9 94.3
179 20.2 16.1 24.1
108 16.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 86.203 ng
RT: 12.889 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

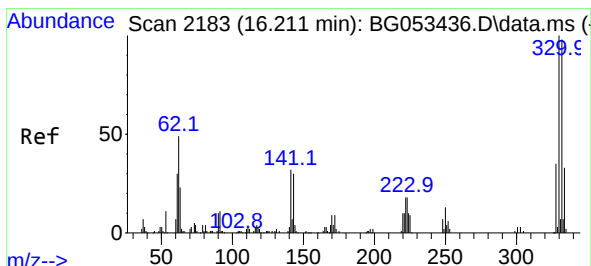
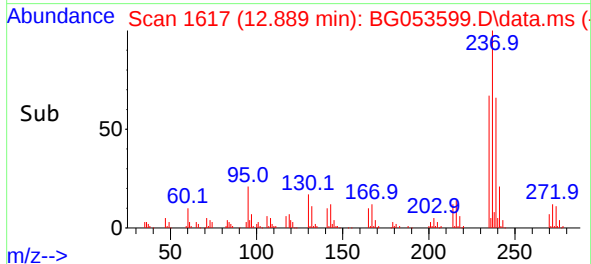
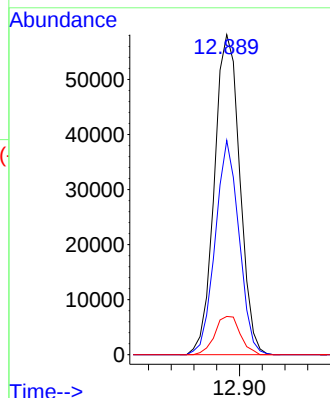
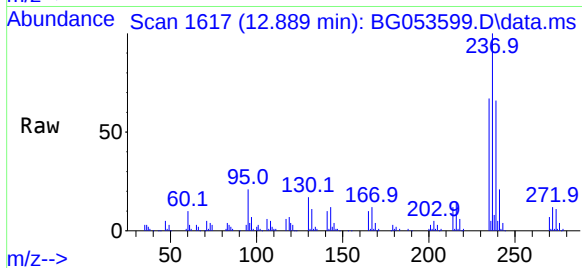
PB144891BS

Tgt Ion:237 Resp: 9029
Ion Ratio Lower Upper
237 100
235 66.9 43.5 83.5
272 11.9 0.0 30.1

Manual Integrations

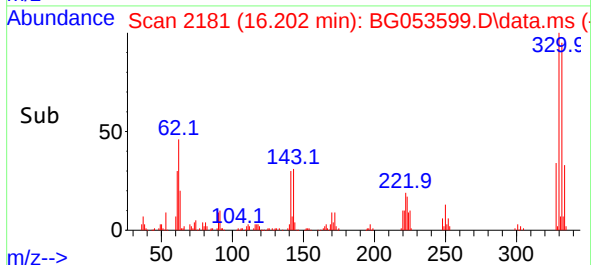
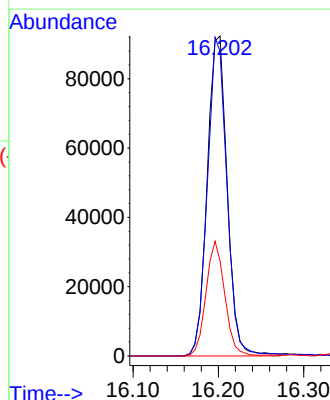
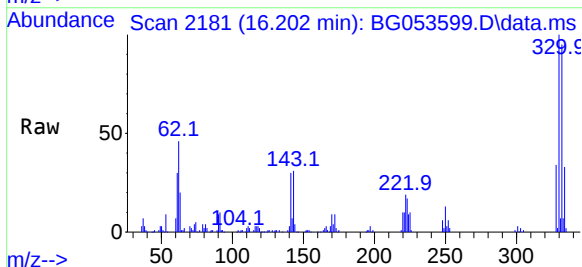
APPROVED

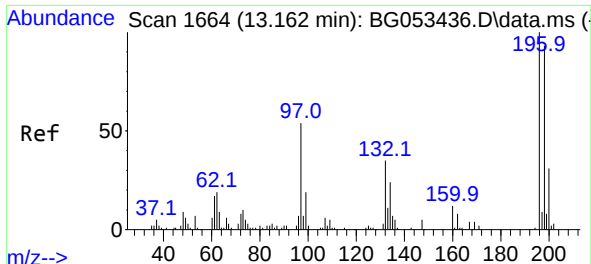
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#42
2,4,6-Tribromophenol
Concen: 125.967 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:330 Resp: 150221
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 33.8 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 43.694 ng
RT: 13.147 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

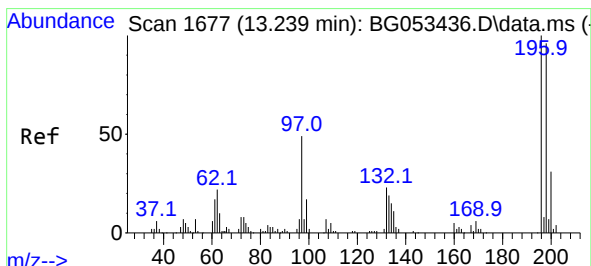
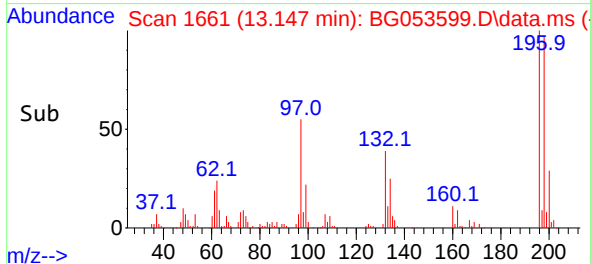
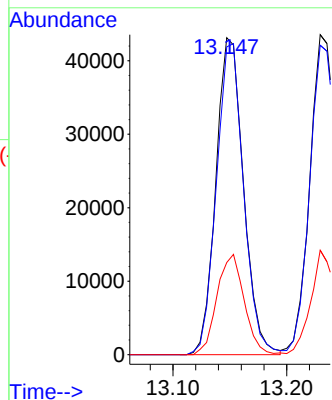
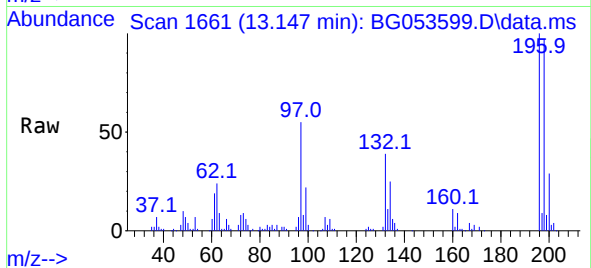
PB144891BS

Tgt Ion:196 Resp: 7269
Ion Ratio Lower Upper
196 100
198 97.1 74.1 111.1
200 29.1 24.7 37.1

Manual Integrations

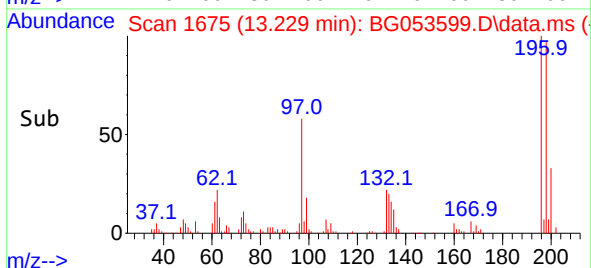
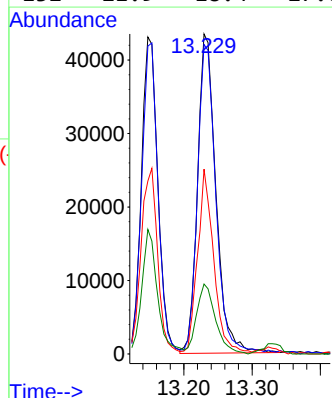
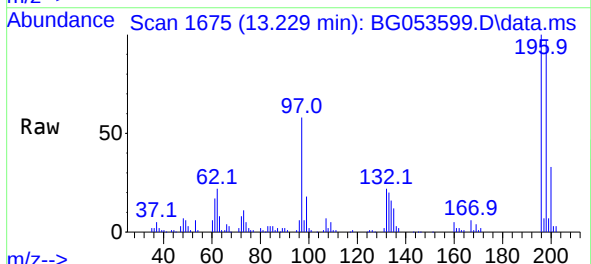
APPROVED

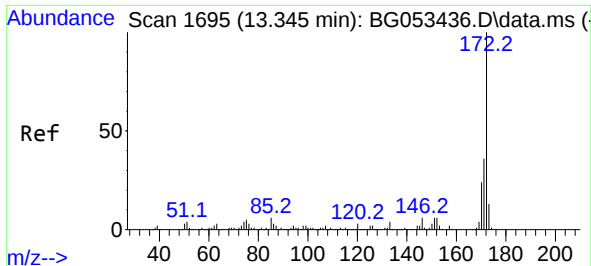
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#44
2,4,5-Trichlorophenol
Concen: 45.829 ng
RT: 13.229 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:196 Resp: 81147
Ion Ratio Lower Upper
196 100
198 96.7 76.8 115.2
97 57.7 39.8 59.6
132 21.9 18.4 27.6





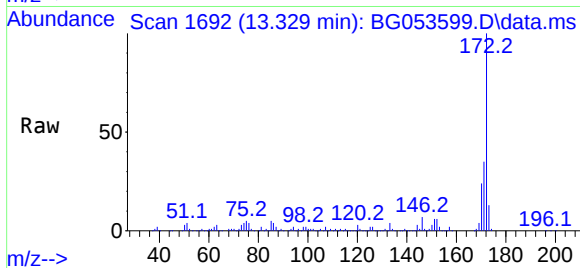
#45
2-Fluorobiphenyl
Concen: 79.255 ng
RT: 13.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

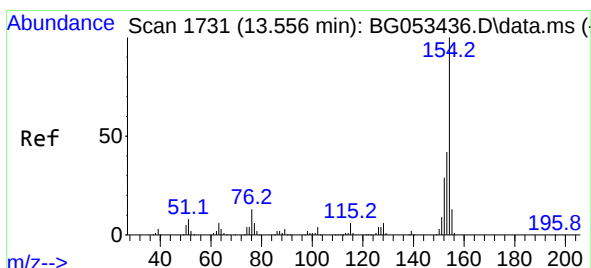
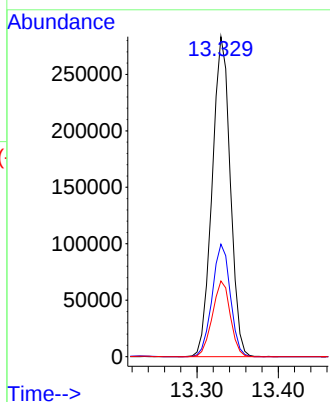
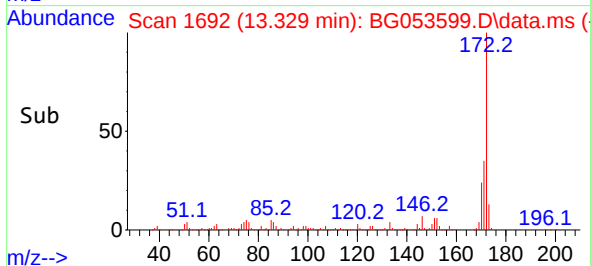


Tgt Ion:172 Resp: 43854
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.7 18.9 28.3

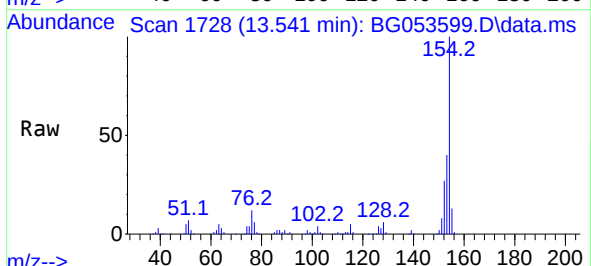
Manual Integrations

APPROVED

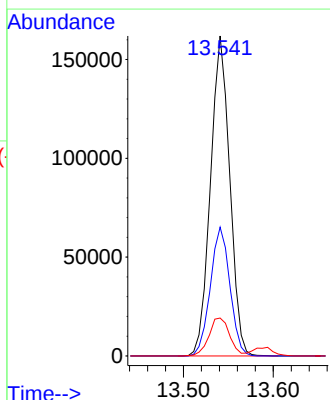
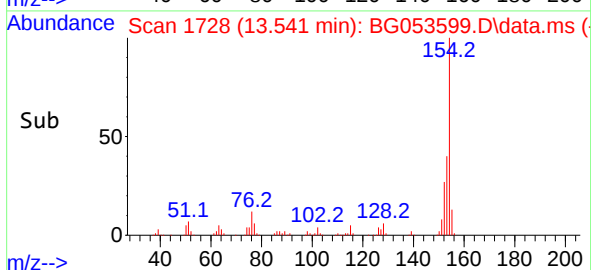
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

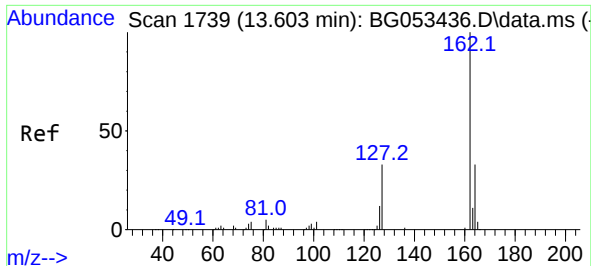


#46
1,1'-Biphenyl
Concen: 43.745 ng
RT: 13.541 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:154 Resp: 241102
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 11.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 42.238 ng

RT: 13.588 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

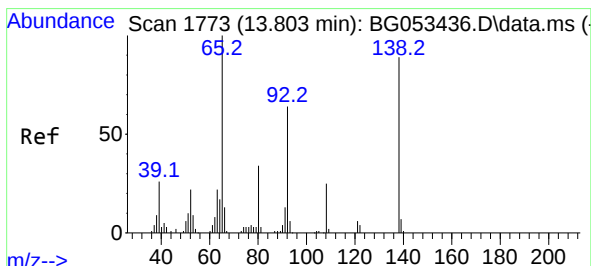
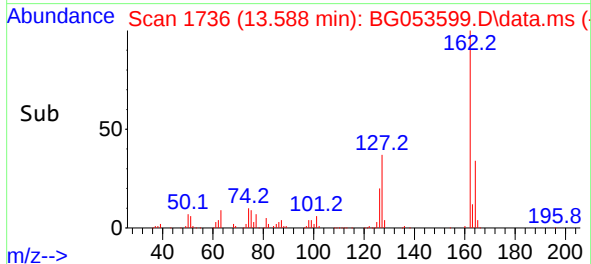
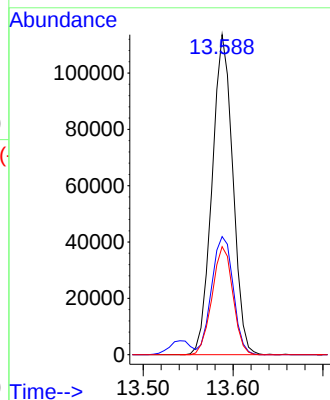
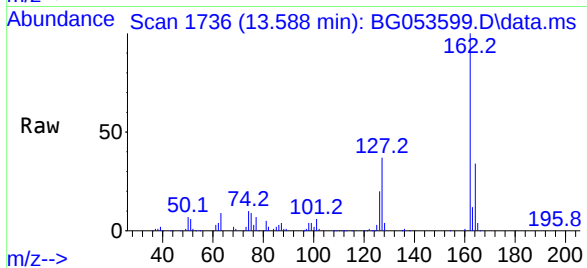
PB144891BS

Tgt Ion:162 Resp: 182388
 Ion Ratio Lower Upper
 162 100
 127 36.9 30.6 45.8
 164 33.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#48

2-Nitroaniline

Concen: 47.854 ng

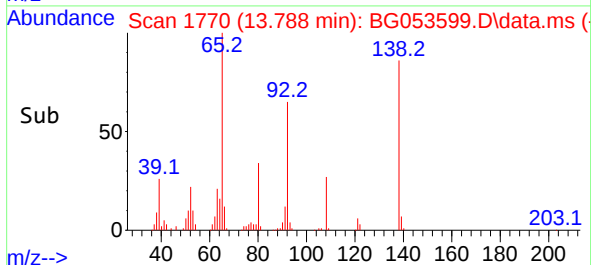
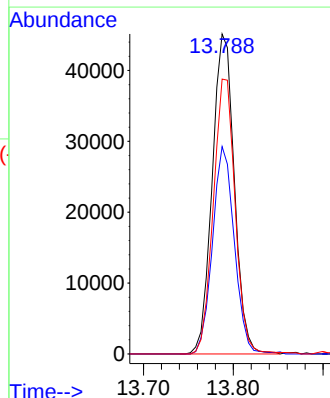
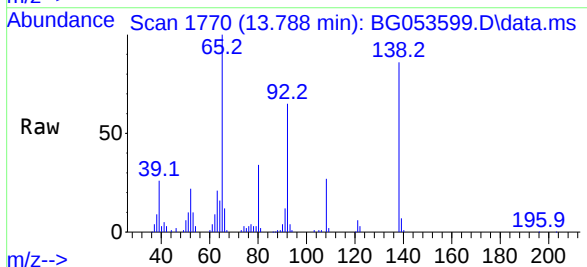
RT: 13.788 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Tgt Ion: 65 Resp: 76999
 Ion Ratio Lower Upper
 65 100
 92 64.8 51.5 77.3
 138 85.9 71.3 106.9





#49
Acenaphthylene
Concen: 44.504 ng
RT: 14.428 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

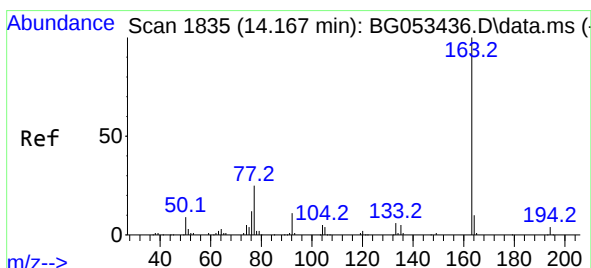
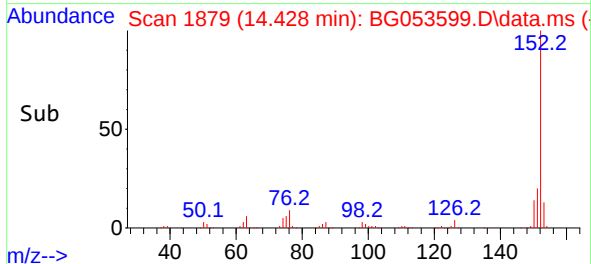
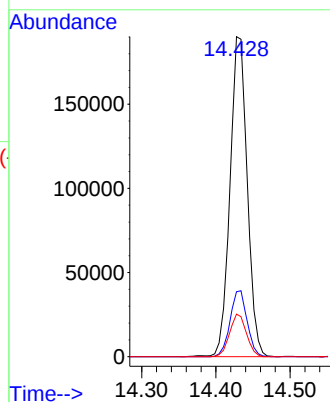
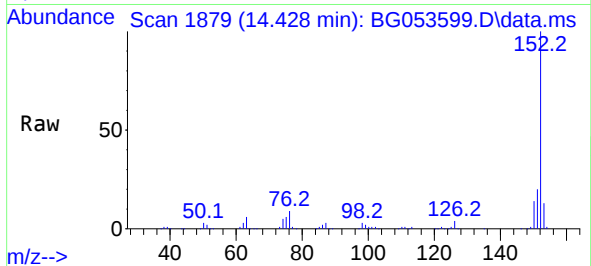
PB144891BS

Tgt Ion:152 Resp: 306659
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.3 10.8 16.2

Manual Integrations

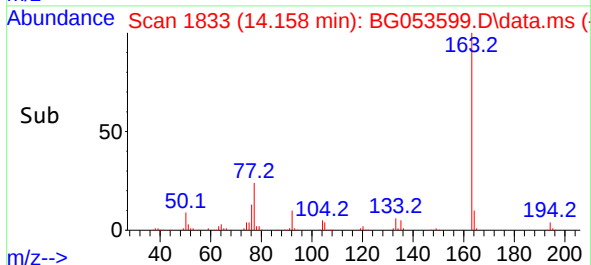
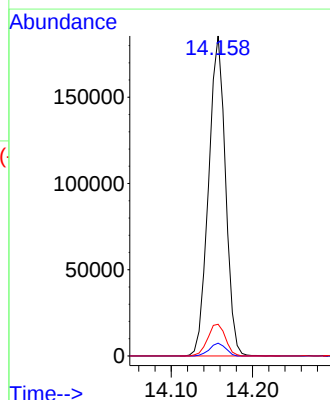
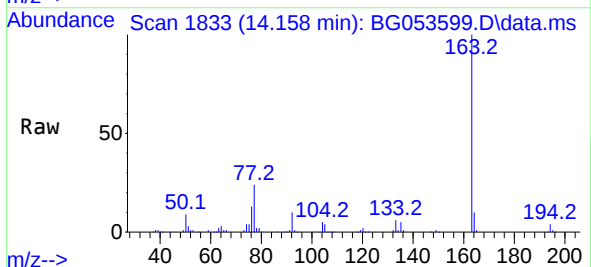
APPROVED

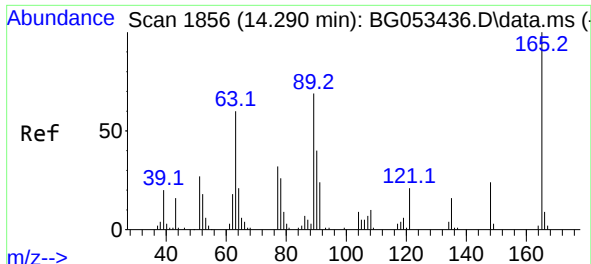
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#50
Dimethylphthalate
Concen: 43.561 ng
RT: 14.158 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:163 Resp: 267657
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.687 ng
RT: 14.281 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

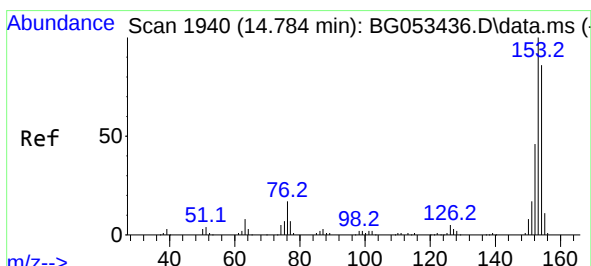
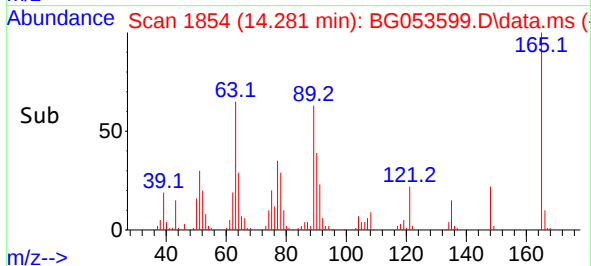
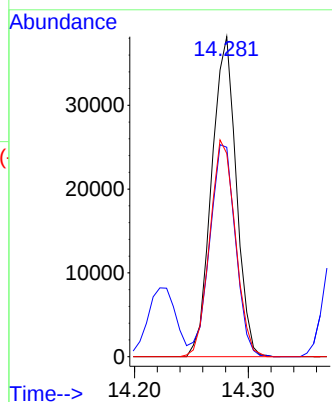
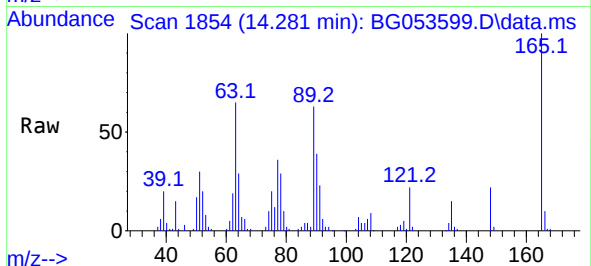
ClientSampleId :

PB144891BS

Tgt Ion:165 Resp: 5719
Ion Ratio Lower Upper
165 100
63 65.5 54.1 81.1
89 63.5 54.8 82.2

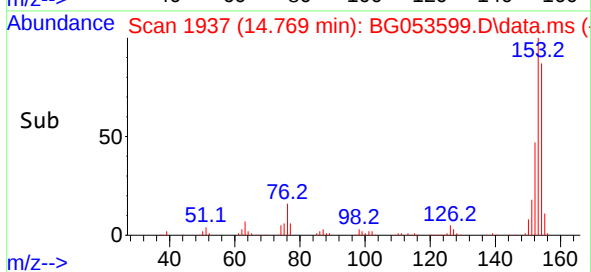
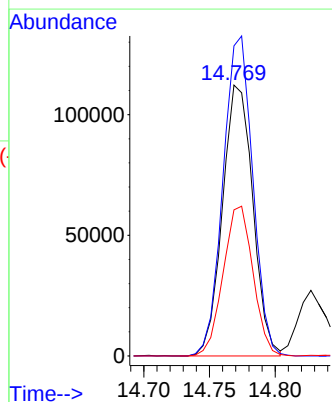
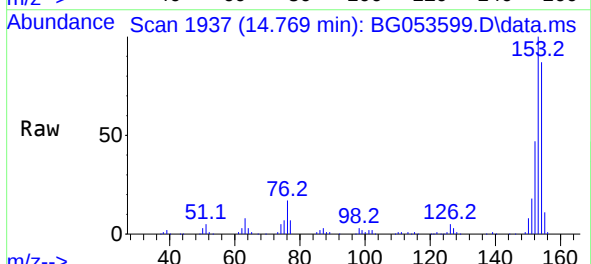
Manual Integrations
APPROVED

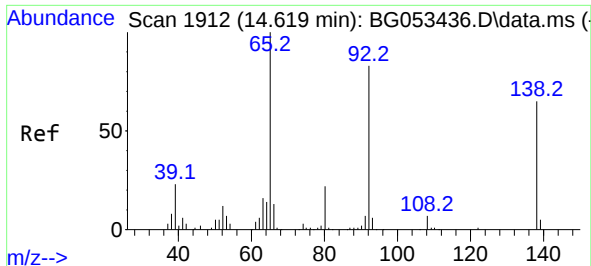
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#52
Acenaphthene
Concen: 44.018 ng
RT: 14.769 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

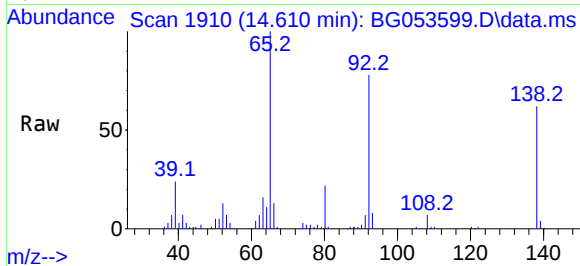
Tgt Ion:154 Resp: 180758
Ion Ratio Lower Upper
154 100
153 114.5 92.7 139.1
152 54.0 42.6 64.0





#53
3-Nitroaniline
Concen: 34.330 ng
RT: 14.610 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

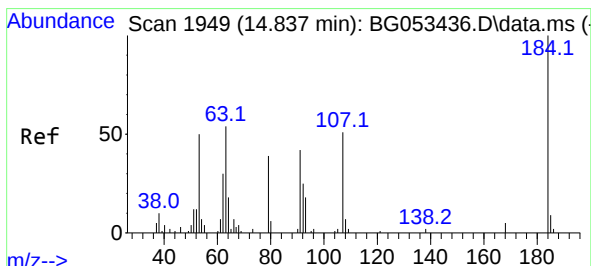
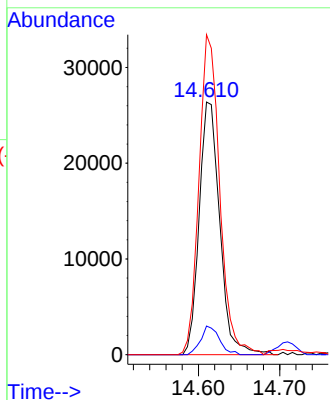
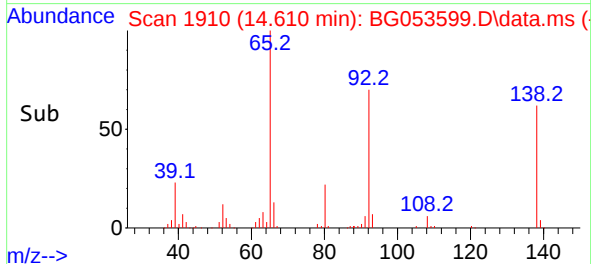
Instrument :
BNA_G
ClientSampleId :
PB144891BS



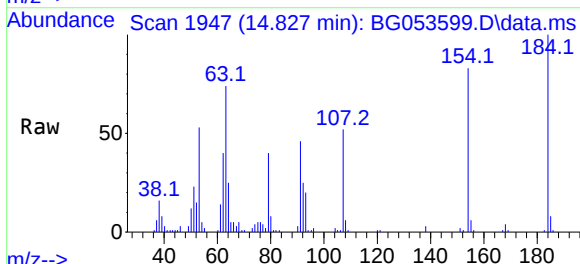
Tgt Ion:138 Resp: 4643
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 126.7 101.9 152.9

Manual Integrations
APPROVED

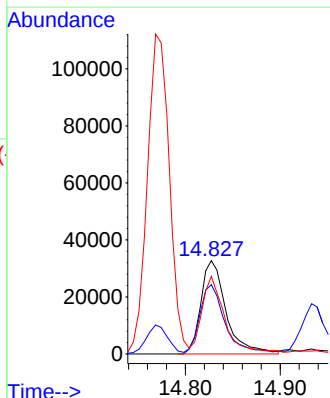
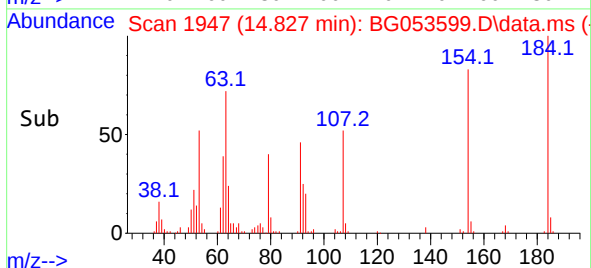
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

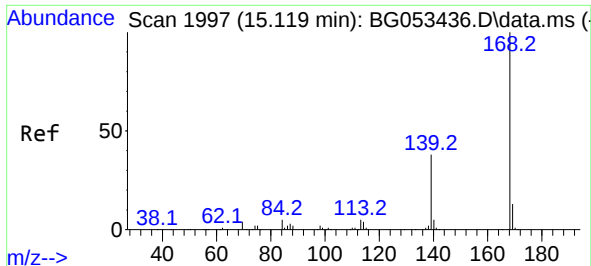


#54
2,4-Dinitrophenol
Concen: 76.631 ng
RT: 14.827 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



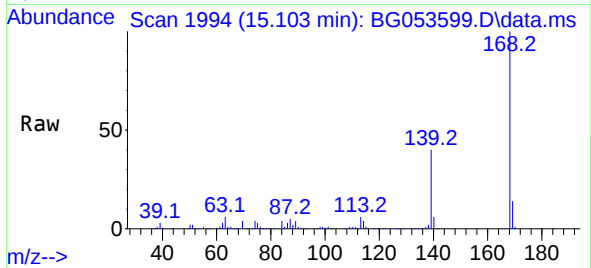
Tgt Ion:184 Resp: 60665
Ion Ratio Lower Upper
184 100
63 74.3 61.1 91.7
154 83.2 60.6 91.0





#55
Dibenzenofuran
Concen: 42.284 ng
RT: 15.103 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

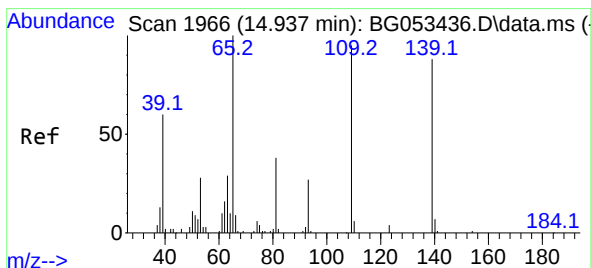
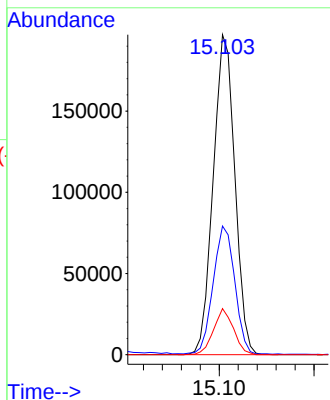
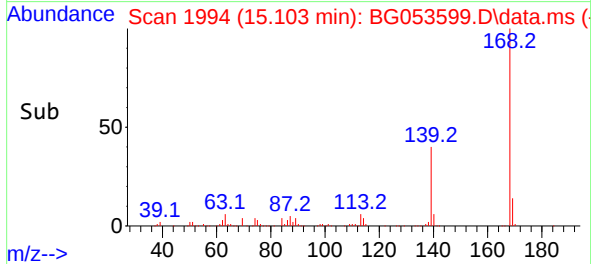
Instrument :
BNA_G
ClientSampleId :
PB144891BS



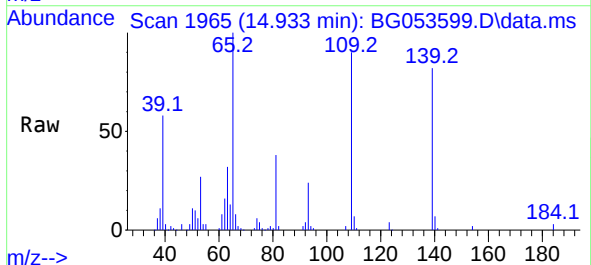
Tgt Ion:168 Resp: 311889
Ion Ratio Lower Upper
168 100
139 40.2 30.5 45.7
169 14.4 10.3 15.5

Manual Integrations
APPROVED

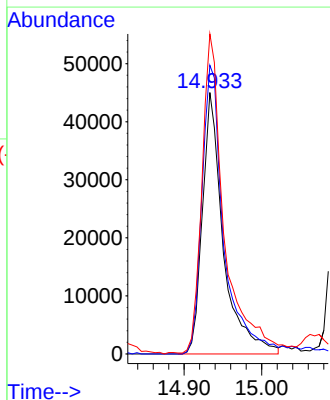
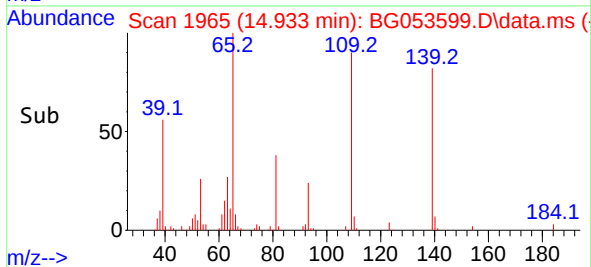
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

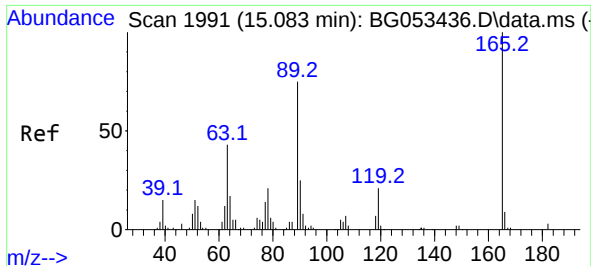


#56
4-Nitrophenol
Concen: 87.542 ng
RT: 14.933 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:139 Resp: 84571
Ion Ratio Lower Upper
139 100
109 110.4 88.5 128.5
65 122.4 93.9 133.9





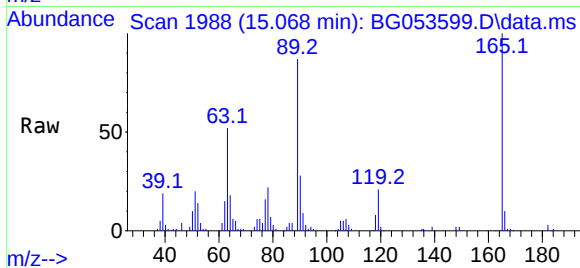
#57
2,4-Dinitrotoluene
Concen: 46.762 ng
RT: 15.068 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

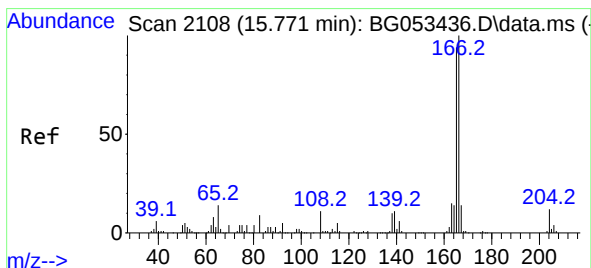
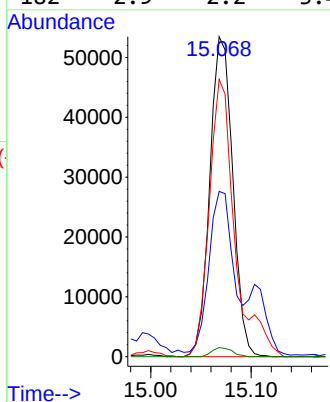
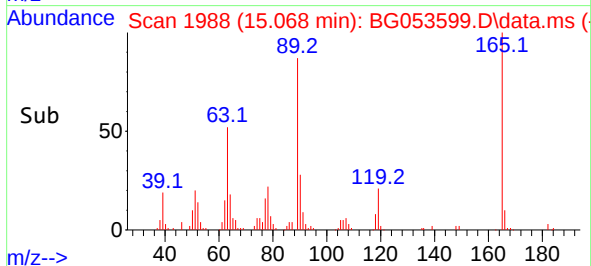


Tgt Ion:165 Resp: 84850
Ion Ratio Lower Upper
165 100
63 51.6 34.6 52.0
89 86.7 60.3 90.5
182 2.9 2.2 3.4

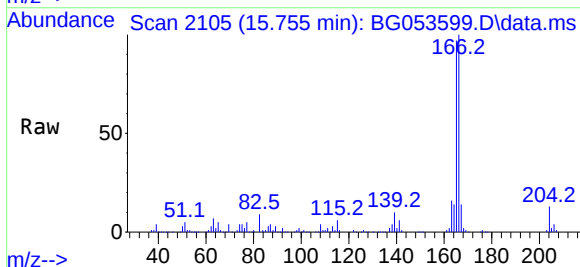
Manual Integrations

APPROVED

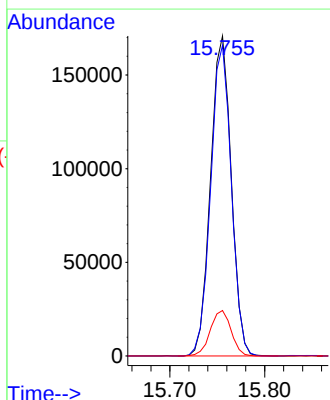
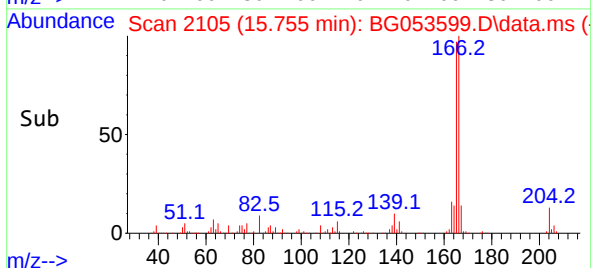
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

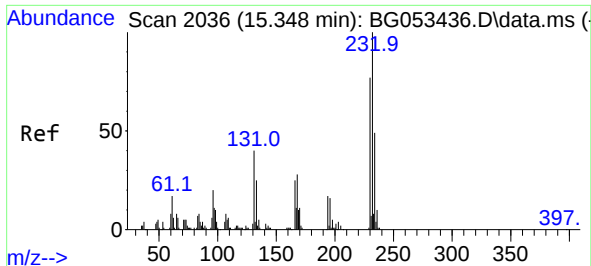


#58
Fluorene
Concen: 43.751 ng
RT: 15.755 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:166 Resp: 258966
Ion Ratio Lower Upper
166 100
165 97.1 75.0 112.6
167 14.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.824 ng
RT: 15.338 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

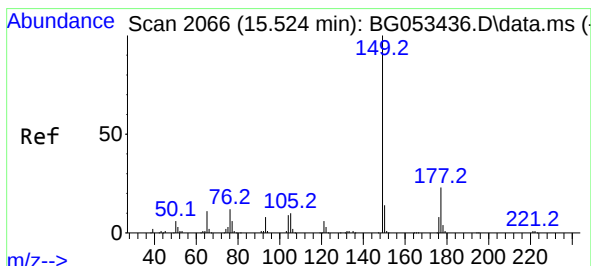
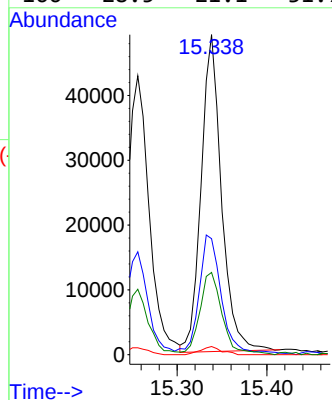
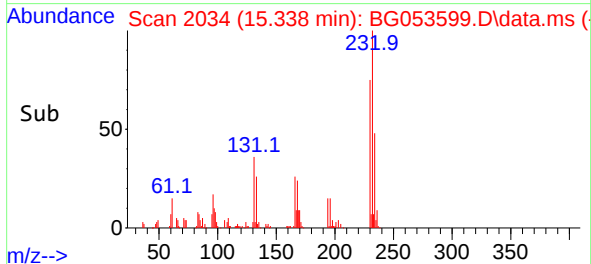
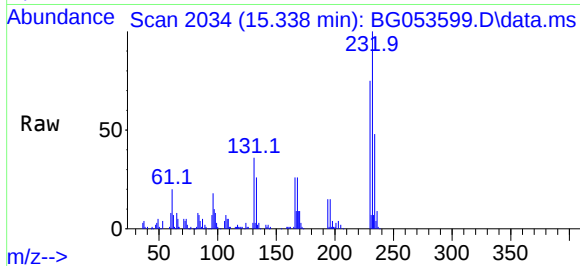
PB144891BS

Tgt Ion:232 Resp: 76938
Ion Ratio Lower Upper
232 100
131 42.2 30.6 46.0
130 2.7 1.8 2.8
166 28.5 21.1 31.7

Manual Integrations

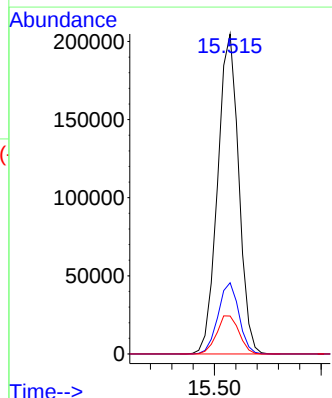
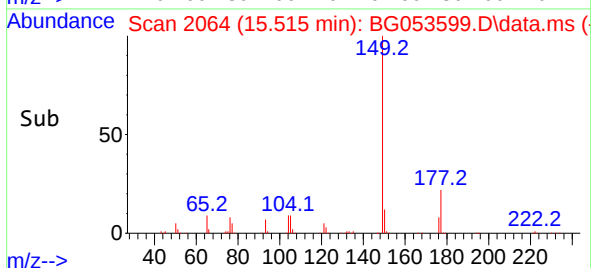
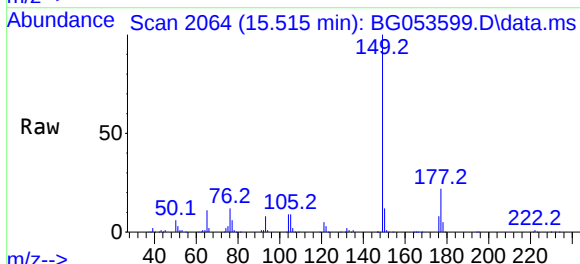
APPROVED

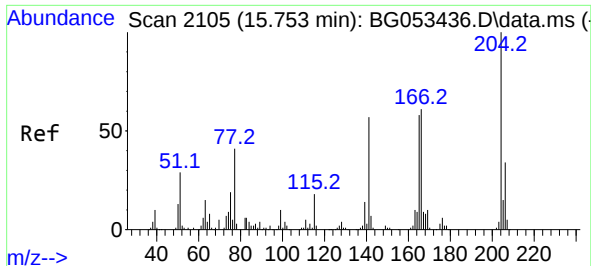
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#60
Diethylphthalate
Concen: 44.154 ng
RT: 15.515 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:149 Resp: 280241
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 11.9 11.2 16.8





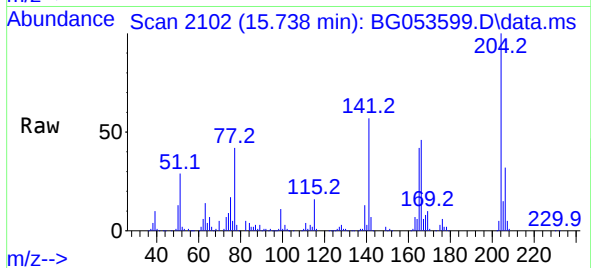
#61
4-Chlorophenyl-phenylether
Concen: 43.367 ng
RT: 15.738 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

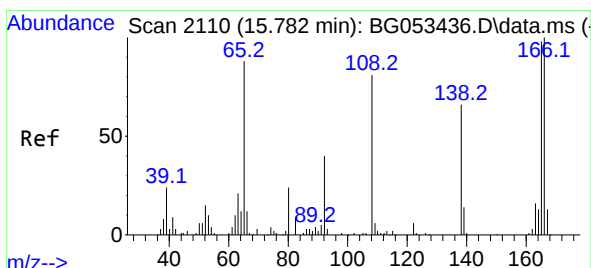
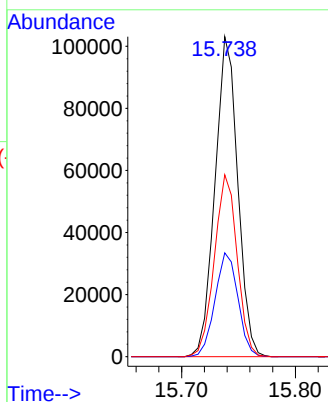
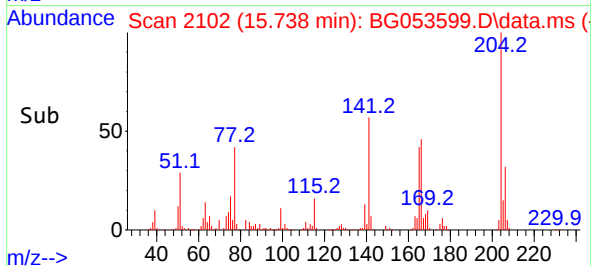


Tgt Ion:204 Resp: 143239
Ion Ratio Lower Upper
204 100
206 32.5 27.5 41.3
141 56.8 45.3 67.9

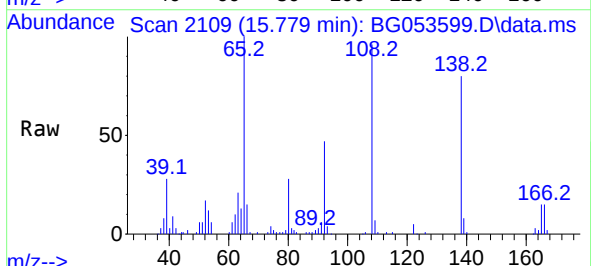
Manual Integrations

APPROVED

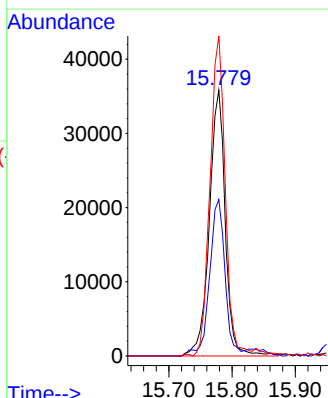
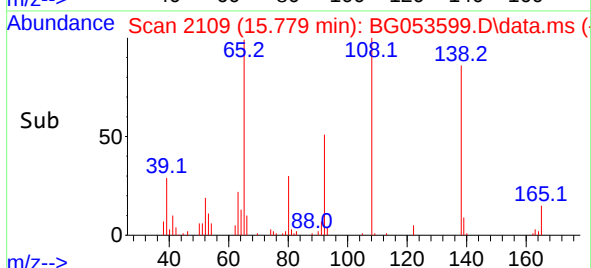
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

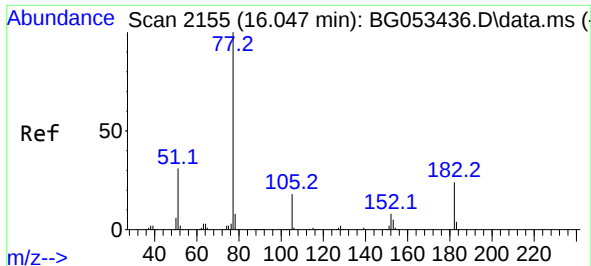


#62
4-Nitroaniline
Concen: 44.806 ng
RT: 15.779 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:138 Resp: 62857
Ion Ratio Lower Upper
138 100
92 58.9 40.5 80.5
108 120.4 103.7 143.7





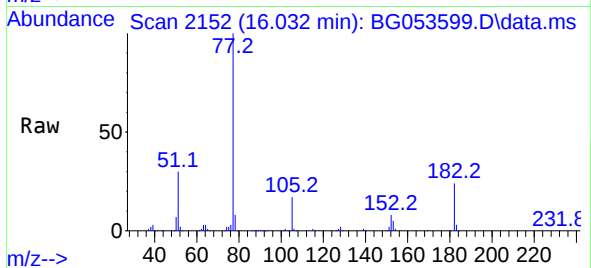
#63
Azobenzene
Concen: 44.076 ng
RT: 16.032 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

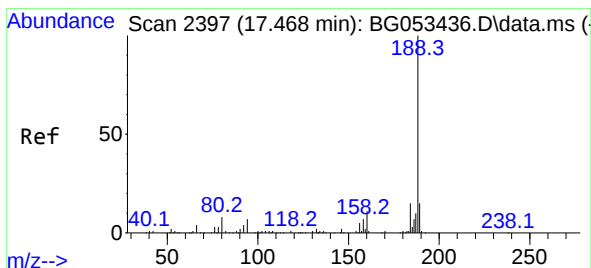
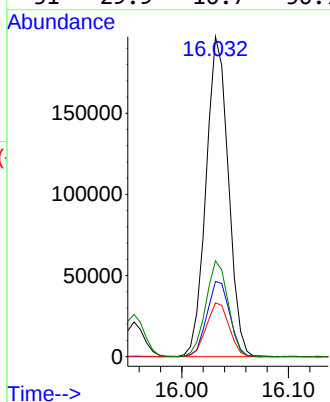
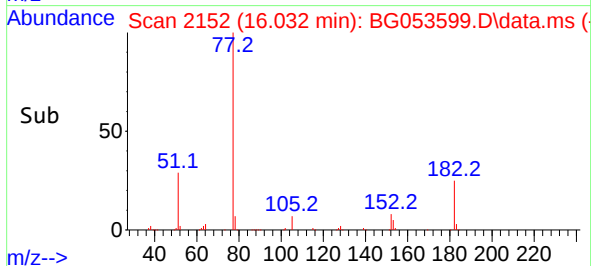


Tgt Ion: 77 Resp: 286462
Ion Ratio Lower Upper
77 100
182 23.5 3.8 43.8
105 16.8 0.0 37.8
51 29.9 10.7 50.7

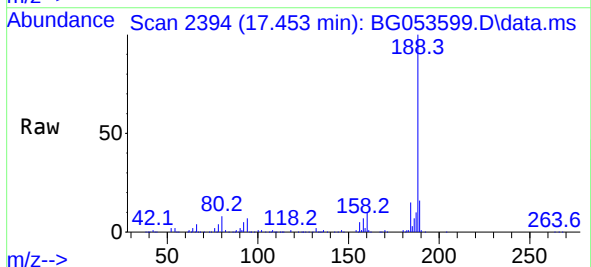
Manual Integrations

APPROVED

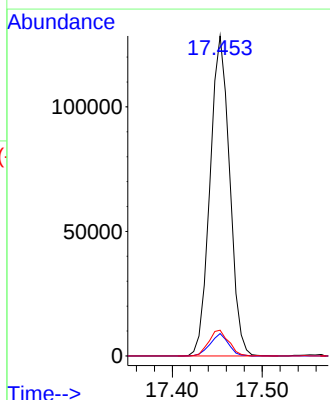
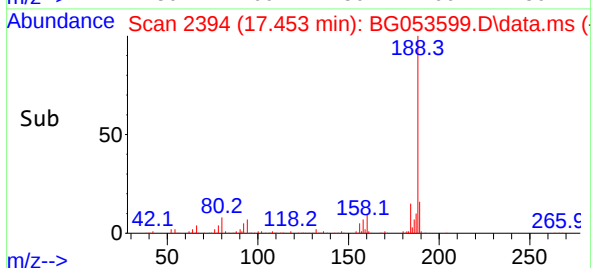
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

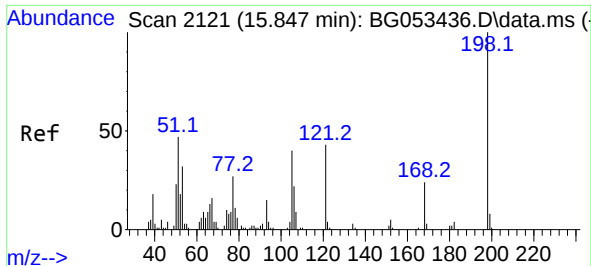


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:188 Resp: 194851
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 44.140 ng
RT: 15.844 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

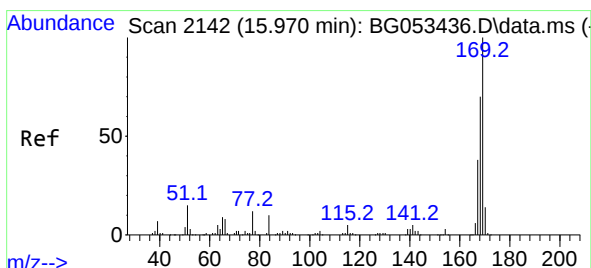
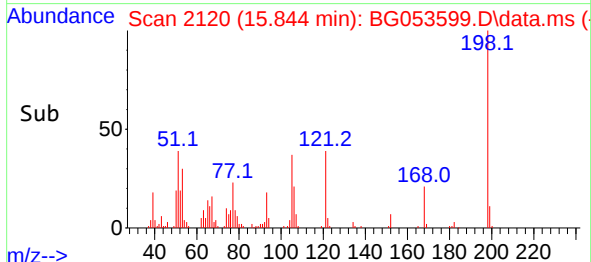
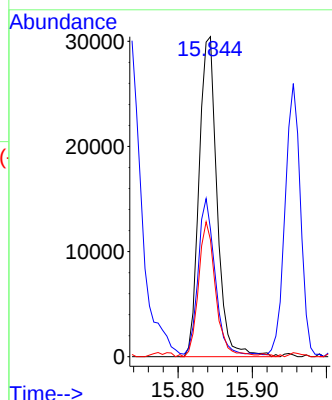
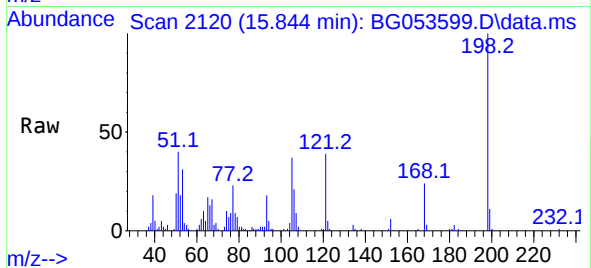
PB144891BS

Tgt Ion:198 Resp: 51250
Ion Ratio Lower Upper
198 100
51 39.9 28.1 68.1
105 36.6 20.3 60.3

Manual Integrations

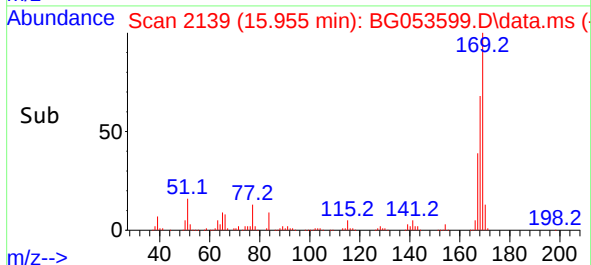
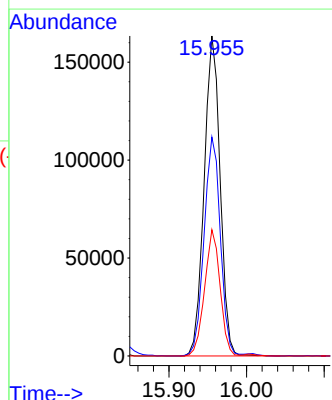
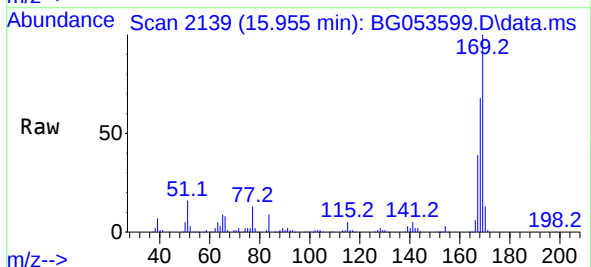
APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#66
n-Nitrosodiphenylamine
Concen: 45.684 ng
RT: 15.955 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:169 Resp: 233711
Ion Ratio Lower Upper
169 100
168 68.4 55.9 83.9
167 39.5 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 46.394 ng
RT: 16.637 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

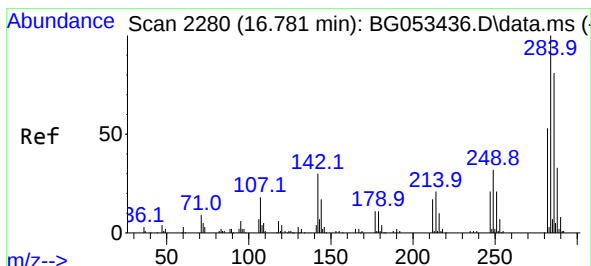
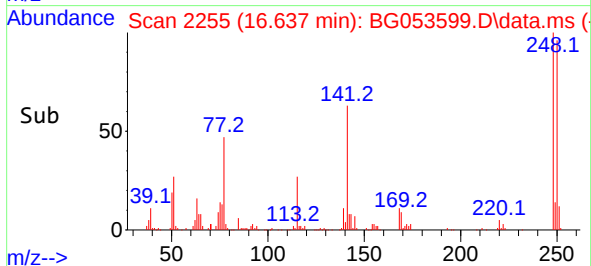
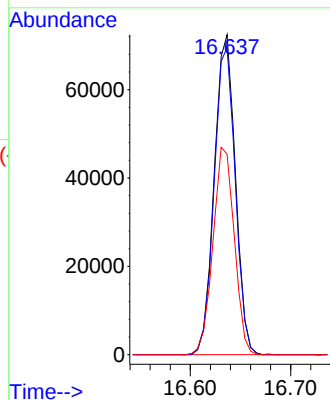
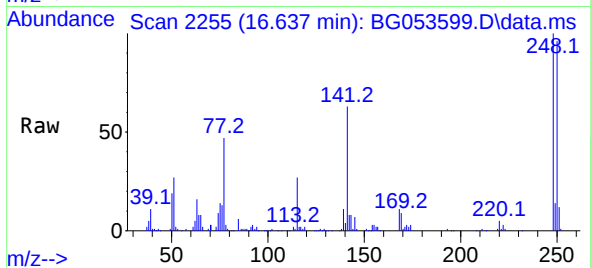
PB144891BS

Tgt Ion:248 Resp: 10557
Ion Ratio Lower Upper
248 100
250 96.0 75.2 112.8
141 62.6 50.0 75.0

Manual Integrations

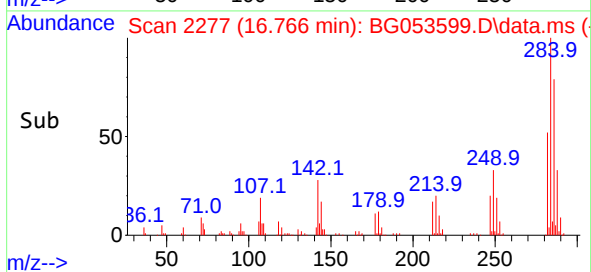
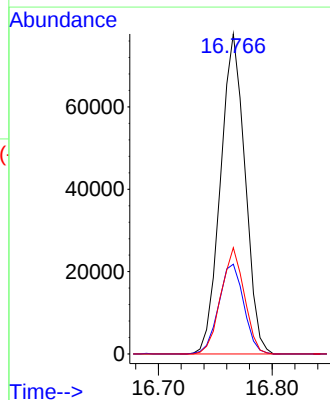
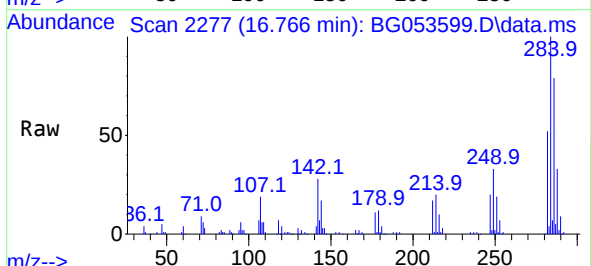
APPROVED

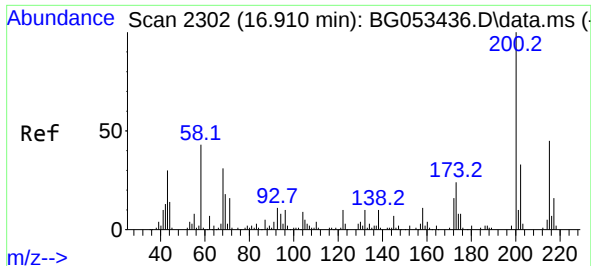
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#68
Hexachlorobenzene
Concen: 46.749 ng
RT: 16.766 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:284 Resp: 116510
Ion Ratio Lower Upper
284 100
142 28.0 23.6 35.4
249 33.2 25.8 38.6





#69
Atrazine
Concen: 46.635 ng
RT: 16.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

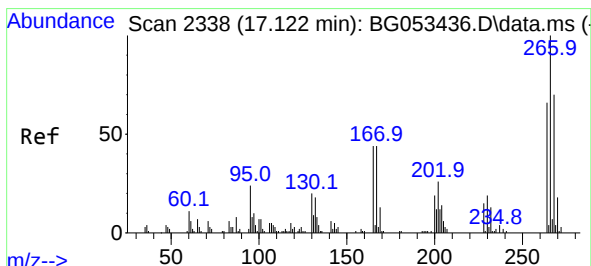
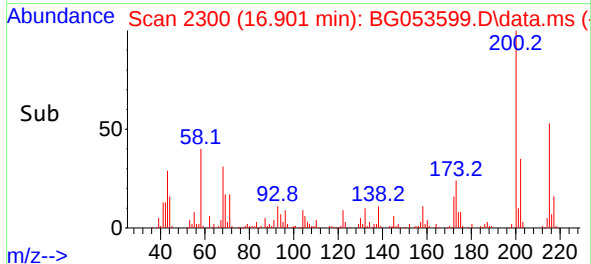
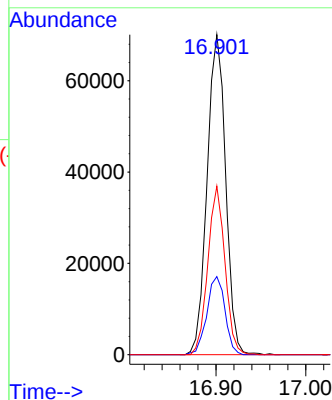
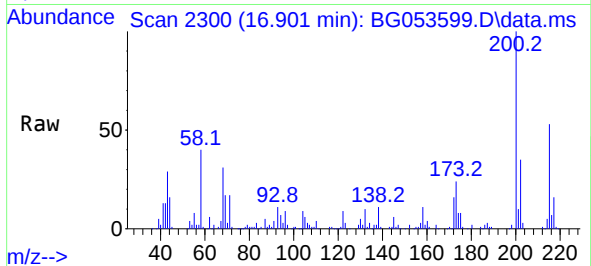
PB144891BS

Tgt Ion:200 Resp: 10043
Ion Ratio Lower Upper
200 100
173 24.4 3.7 43.7
215 52.7 25.2 65.2

Manual Integrations

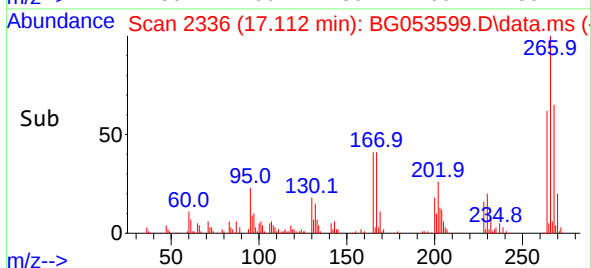
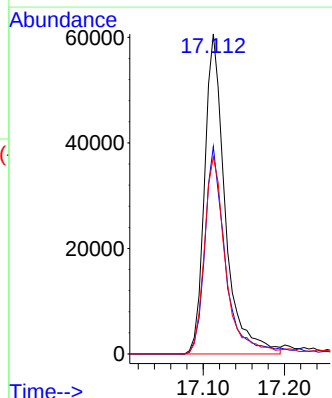
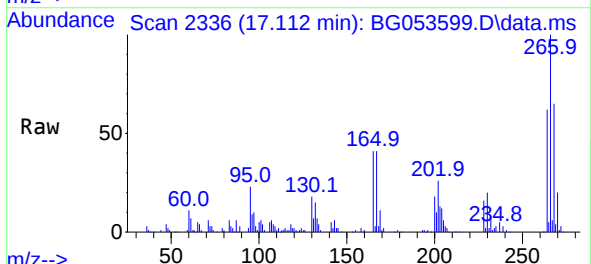
APPROVED

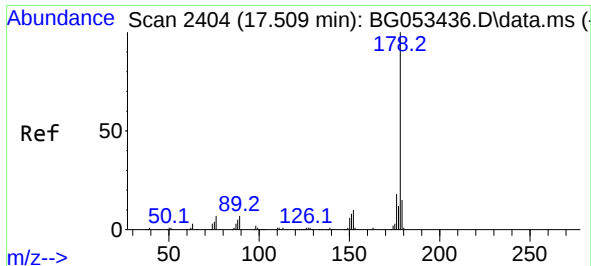
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#70
Pentachlorophenol
Concen: 79.535 ng
RT: 17.112 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:266 Resp: 106710
Ion Ratio Lower Upper
266 100
268 64.8 56.2 84.2
264 61.6 53.0 79.4





#71
Phenanthrene
Concen: 45.671 ng
RT: 17.494 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

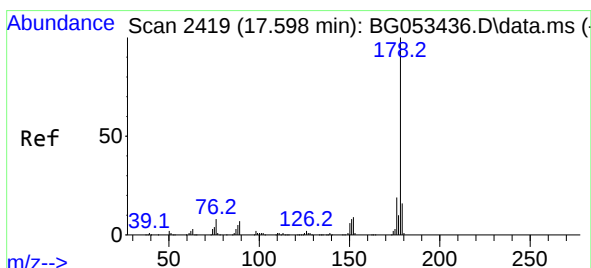
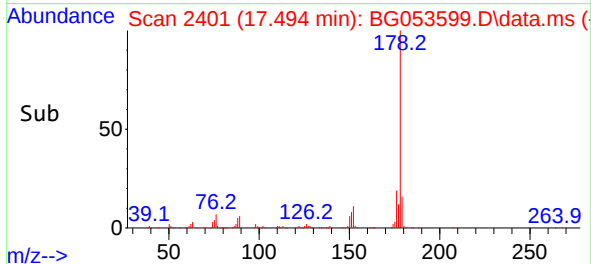
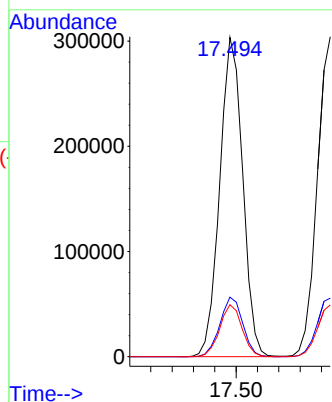
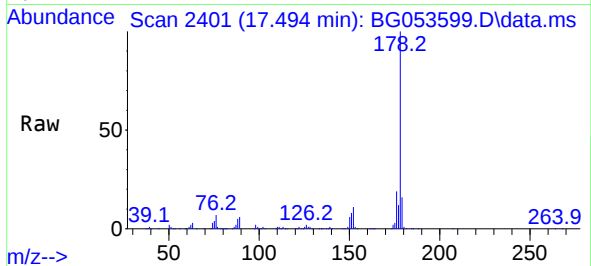
PB144891BS

Tgt Ion:178 Resp: 45250
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 16.3 12.1 18.1

Manual Integrations

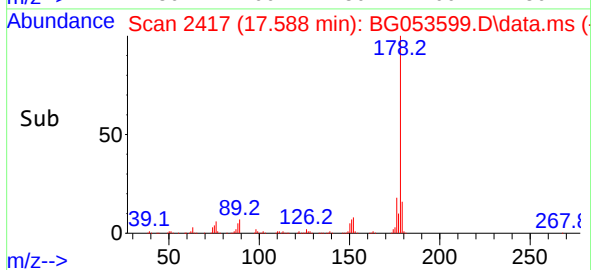
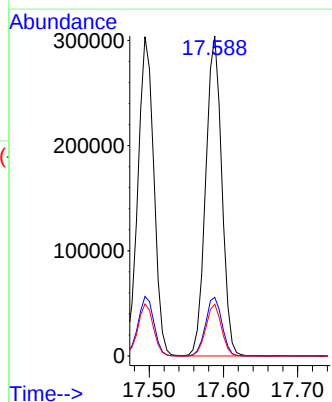
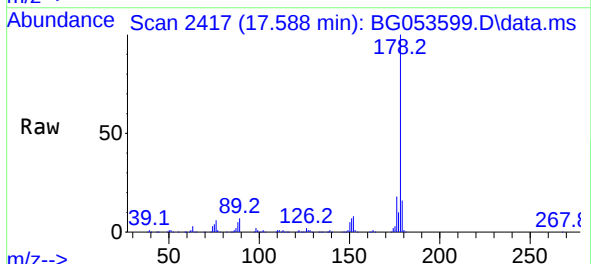
APPROVED

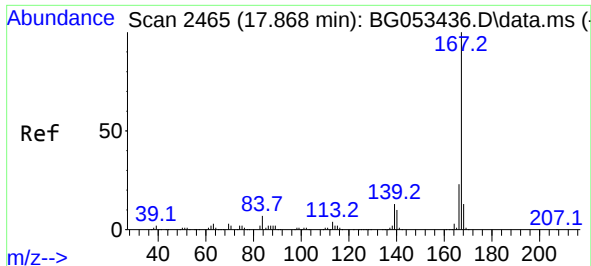
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#72
Anthracene
Concen: 46.929 ng
RT: 17.588 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:178 Resp: 457016
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 16.2 13.0 19.4





#73
 Carbazole
 Concen: 43.345 ng
 RT: 17.858 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BG053599.D
 Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

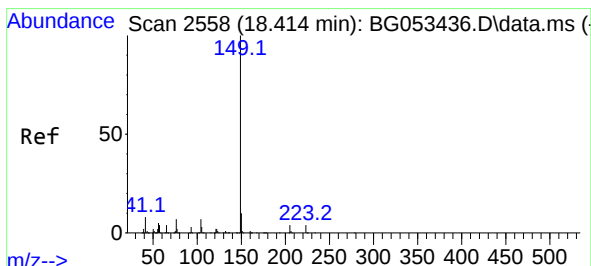
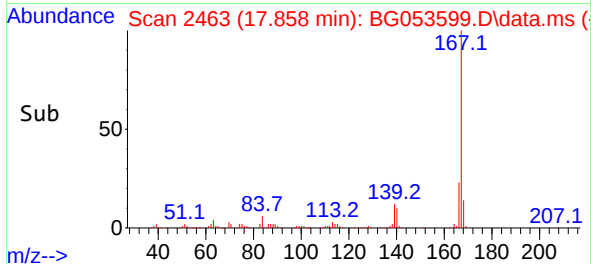
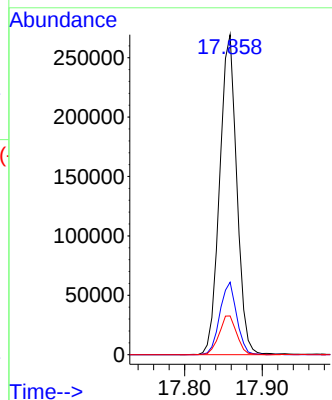
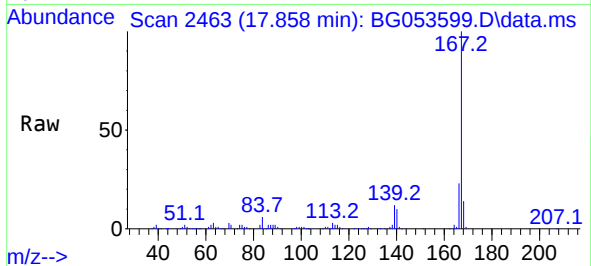
PB144891BS

Tgt Ion:167 Resp: 413694
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.1 10.1 15.1

Manual Integrations

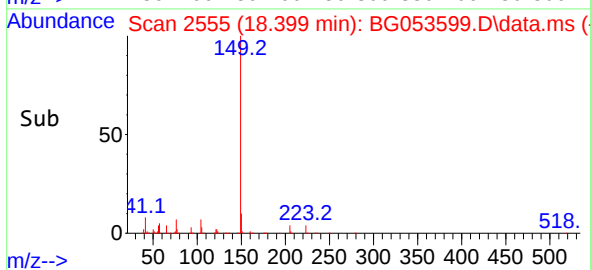
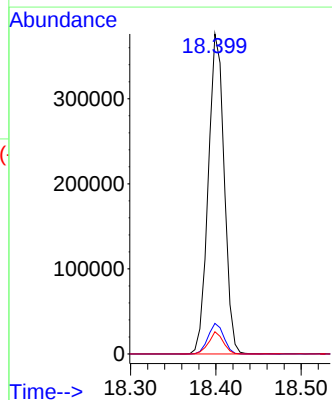
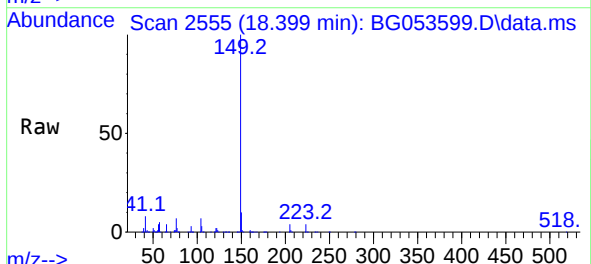
APPROVED

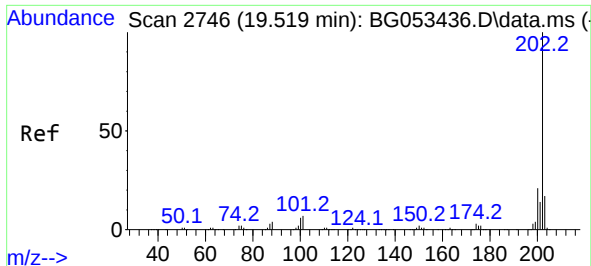
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#74
 Di-n-butylphthalate
 Concen: 45.437 ng
 RT: 18.399 min Scan# 2555
 Delta R.T. -0.006 min
 Lab File: BG053599.D
 Acq: 18 May 2022 10:56

Tgt Ion:149 Resp: 487727
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 7.0 5.4 8.0





#75
Fluoranthene
Concen: 45.139 ng
RT: 19.503 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

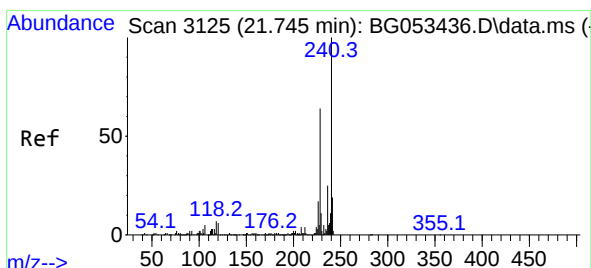
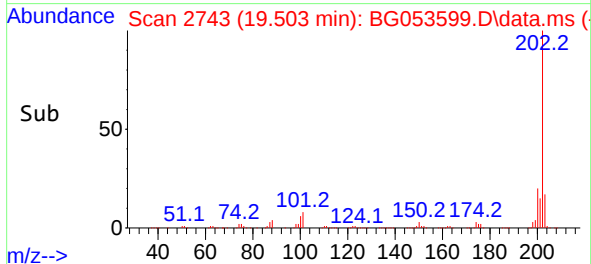
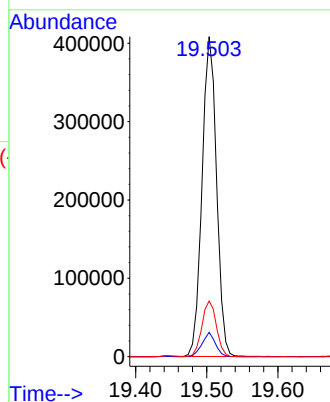
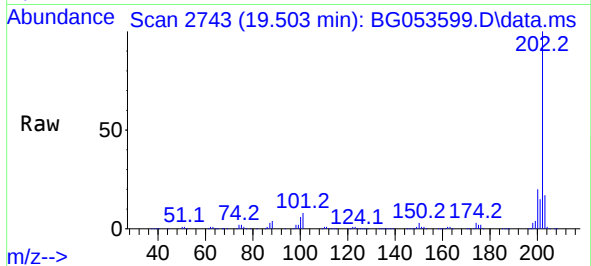
PB144891BS

Tgt Ion:202 Resp: 579084
Ion Ratio Lower Upper
202 100
101 7.6 0.0 26.9
203 17.4 0.0 37.2

Manual Integrations

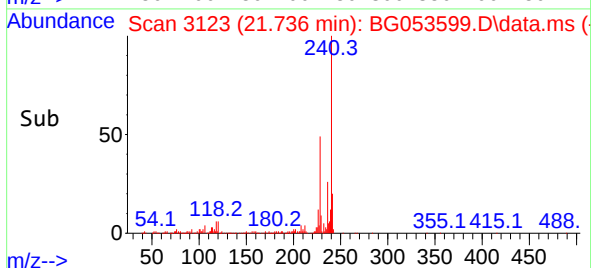
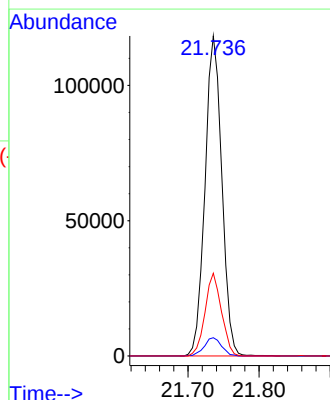
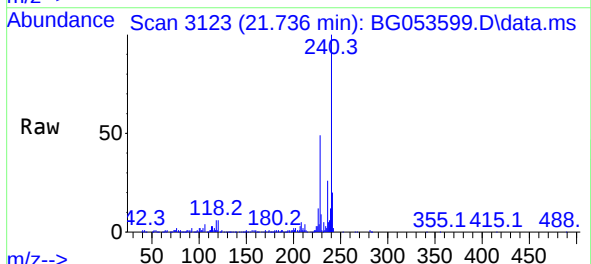
APPROVED

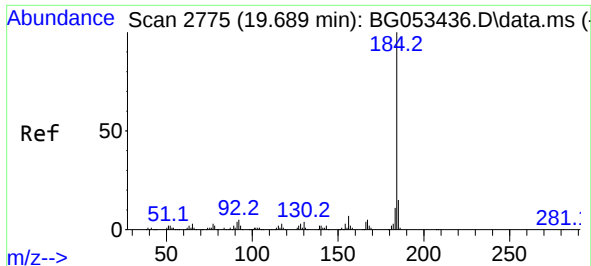
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:240 Resp: 195049
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.9 20.2 30.4





#77
Benzidine
Concen: 41.998 ng
RT: 19.680 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

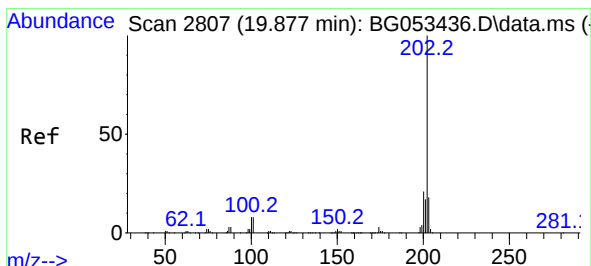
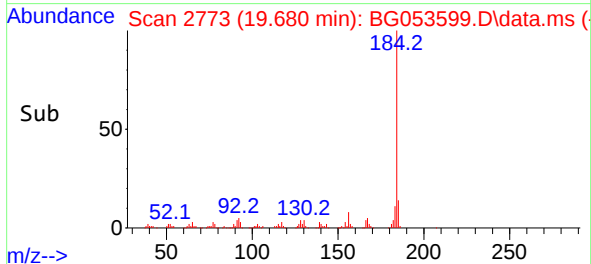
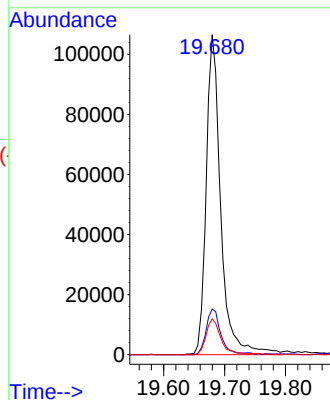
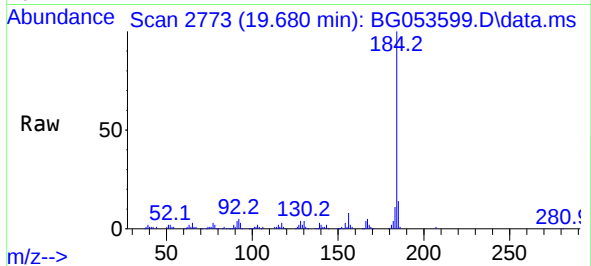
PB144891BS

Tgt Ion:184 Resp: 176562
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.2 8.9 13.3

Manual Integrations

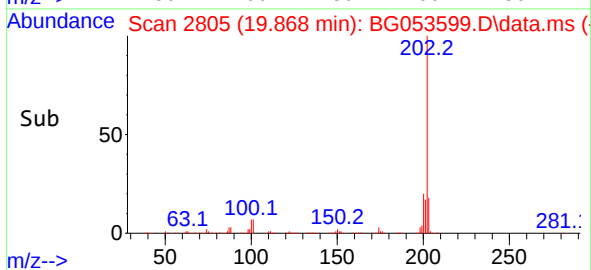
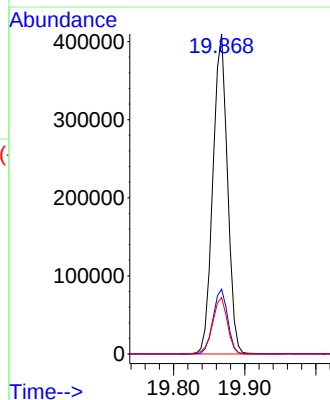
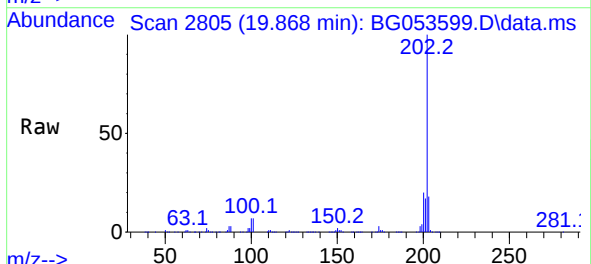
APPROVED

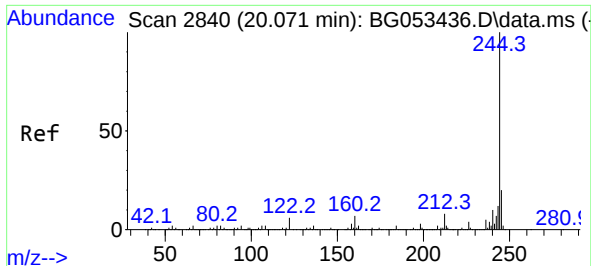
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#78
Pyrene
Concen: 46.104 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:202 Resp: 582134
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.6 14.6 21.8





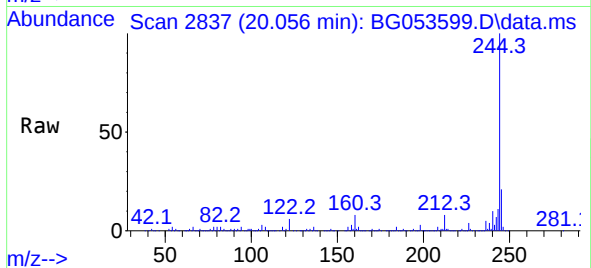
#79
Terphenyl-d14
Concen: 85.002 ng
RT: 20.056 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

PB144891BS

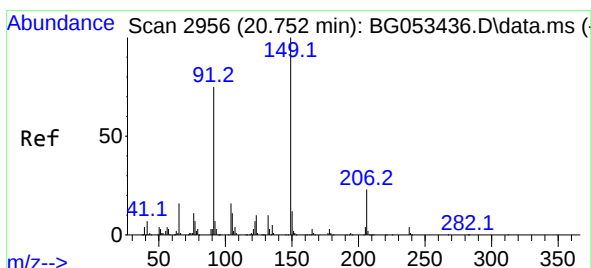
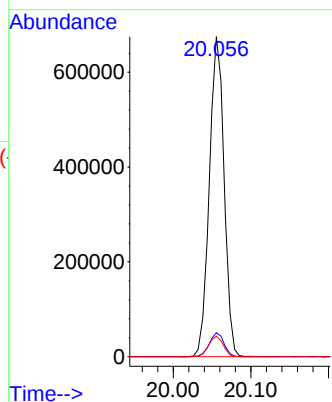
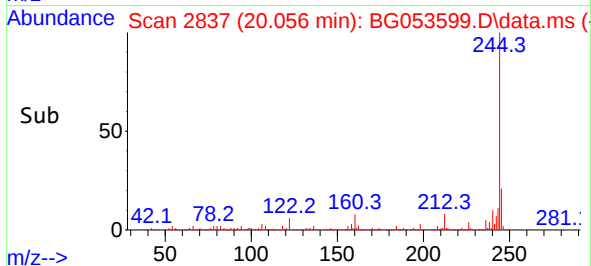


Tgt Ion:244 Resp: 890188
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.4 5.0 7.4

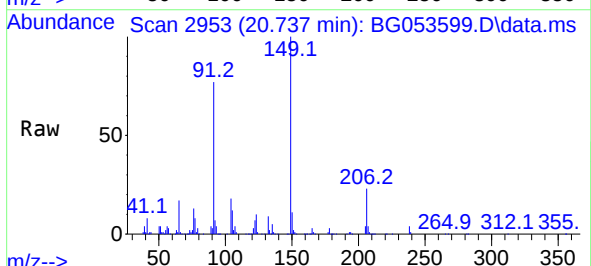
Manual Integrations

APPROVED

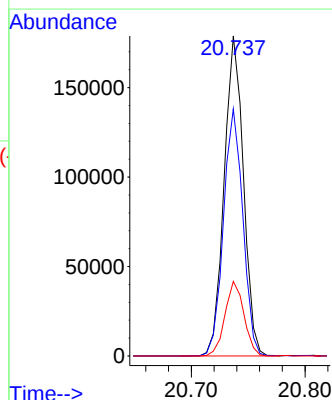
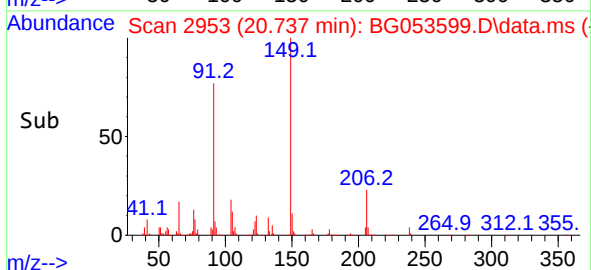
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

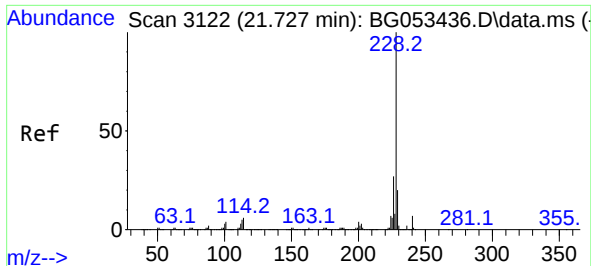


#80
Butylbenzylphthalate
Concen: 45.502 ng
RT: 20.737 min Scan# 2953
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



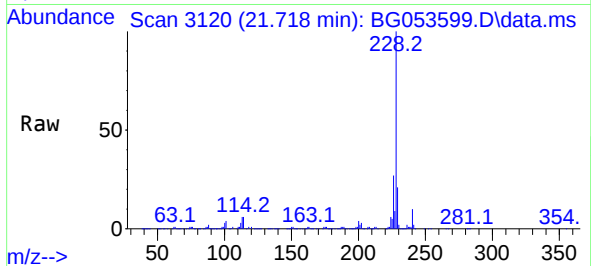
Tgt Ion:149 Resp: 210677
Ion Ratio Lower Upper
149 100
91 77.2 59.6 89.4
206 23.3 18.6 28.0





#81
Benzo(a)anthracene
Concen: 43.342 ng
RT: 21.718 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

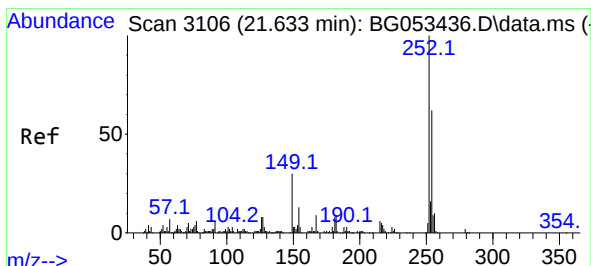
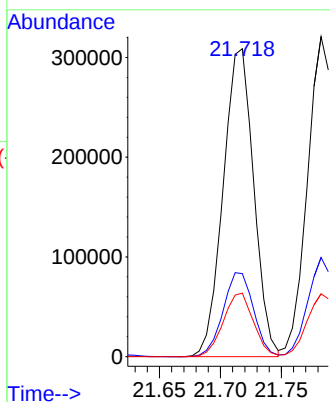
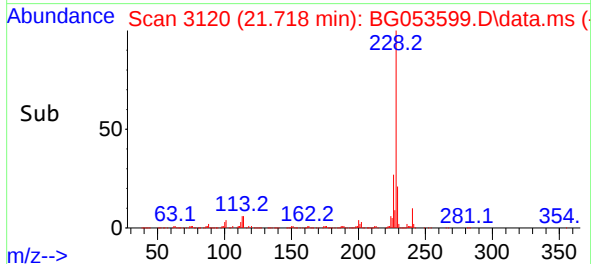
Instrument :
BNA_G
ClientSampleId :
PB144891BS



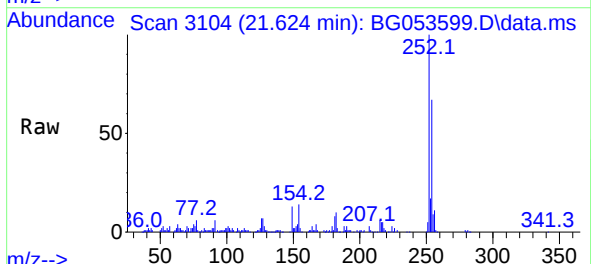
Tgt Ion:228 Resp: 539199
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.6 16.2 24.2

Manual Integrations
APPROVED

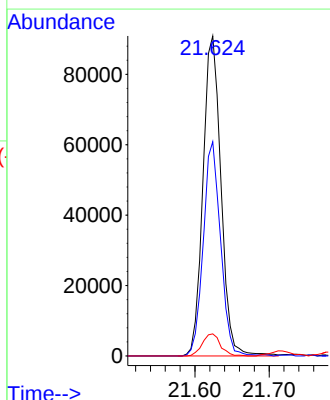
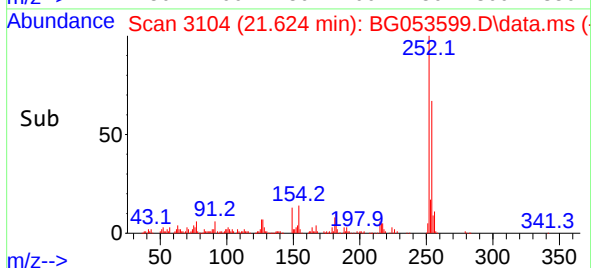
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

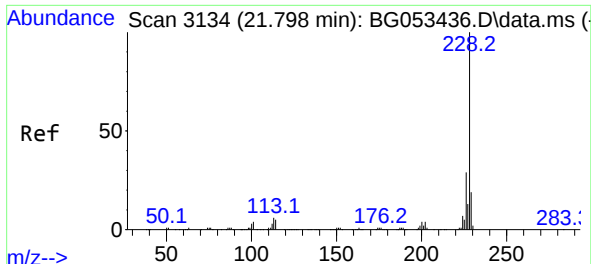


#82
3,3'-Dichlorobenzidine
Concen: 48.595 ng
RT: 21.624 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



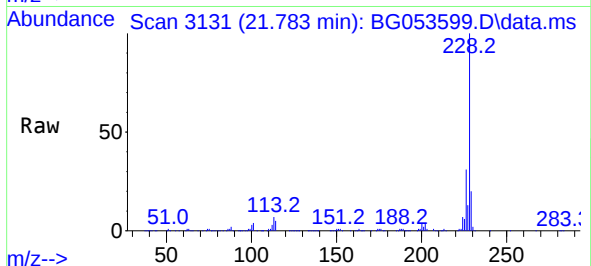
Tgt Ion:252 Resp: 153309
Ion Ratio Lower Upper
252 100
254 67.0 49.8 74.8
126 6.9 6.0 9.0





#83
Chrysene
Concen: 44.901 ng
RT: 21.783 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

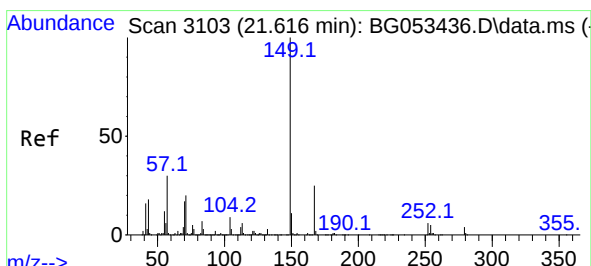
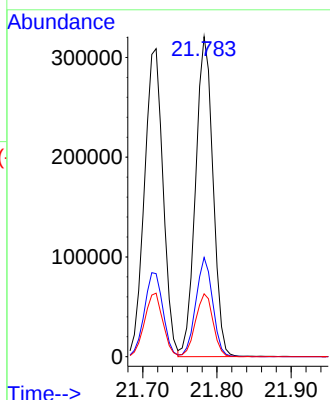
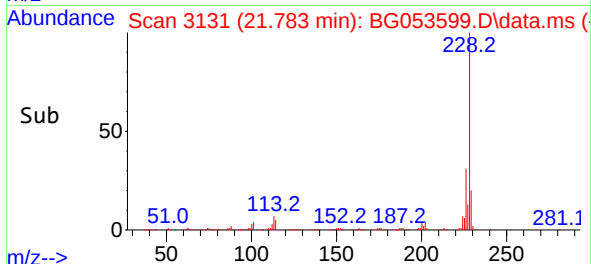
Instrument :
BNA_G
ClientSampleId :
PB144891BS



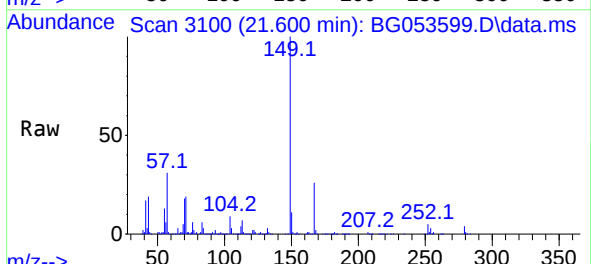
Tgt Ion:228 Resp: 521710
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 19.7 15.5 23.3

Manual Integrations
APPROVED

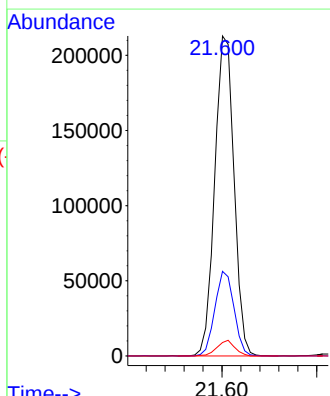
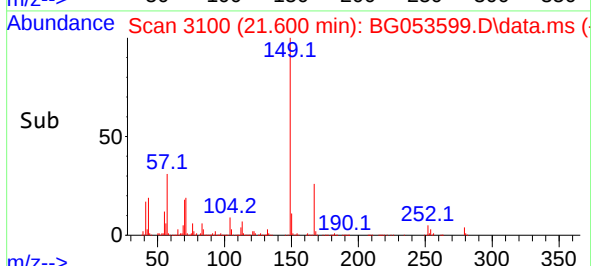
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

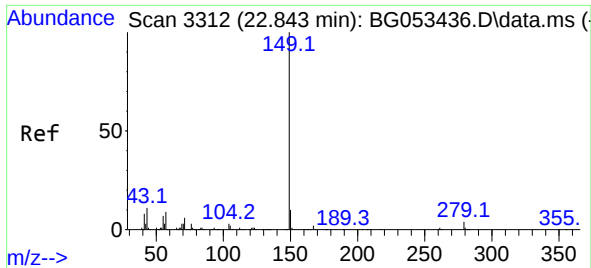


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.062 ng
RT: 21.600 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:149 Resp: 300752
Ion Ratio Lower Upper
149 100
167 26.5 20.2 30.4
279 4.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 47.222 ng
RT: 22.828 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

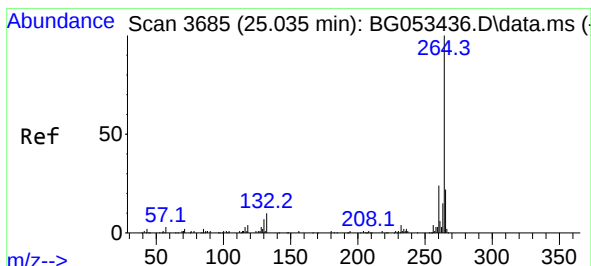
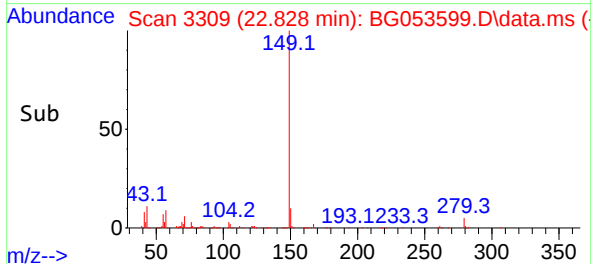
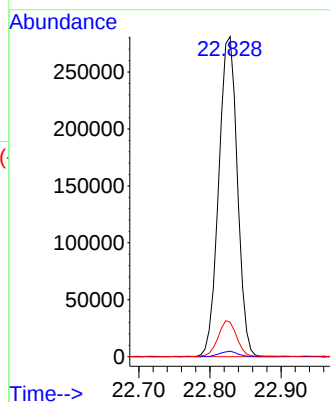
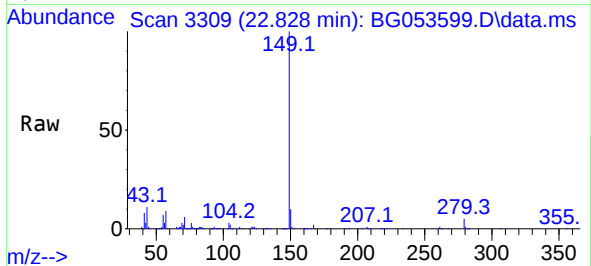
PB144891BS

Tgt Ion:149 Resp: 51030
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 9.0 13.4

Manual Integrations

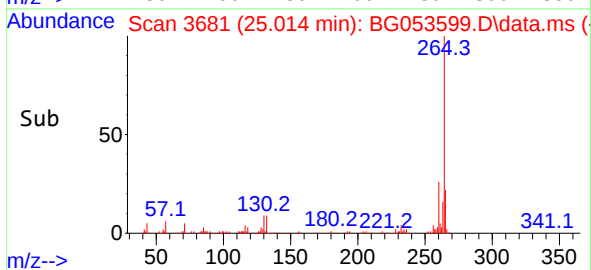
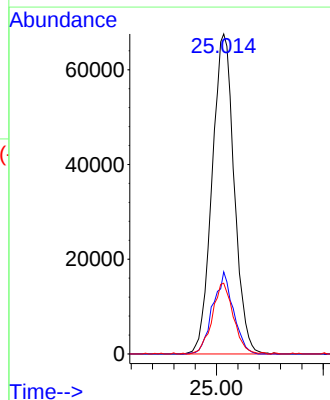
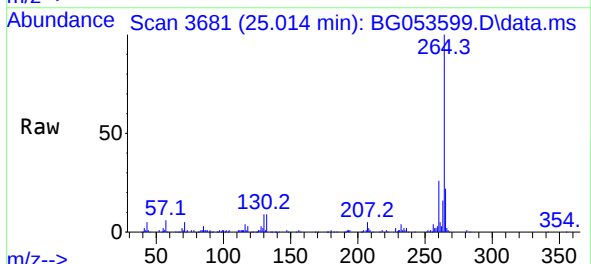
APPROVED

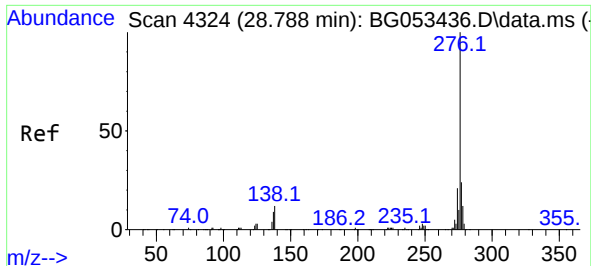
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3681
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:264 Resp: 193601
Ion Ratio Lower Upper
264 100
260 25.7 19.0 28.6
265 22.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.254 ng
RT: 28.779 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

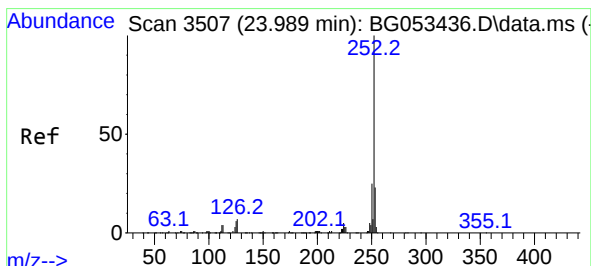
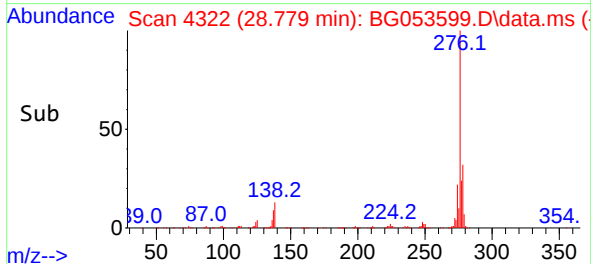
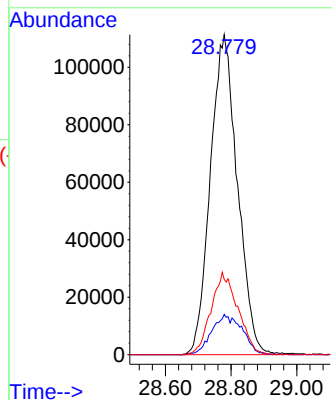
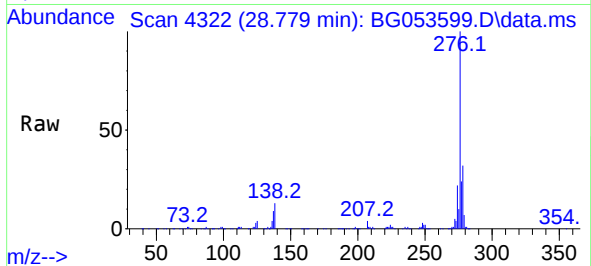
PB144891BS

Tgt Ion:276 Resp: 63716
Ion Ratio Lower Upper
276 100
138 8.4 5.0 7.4
277 25.5 20.3 30.5

Manual Integrations

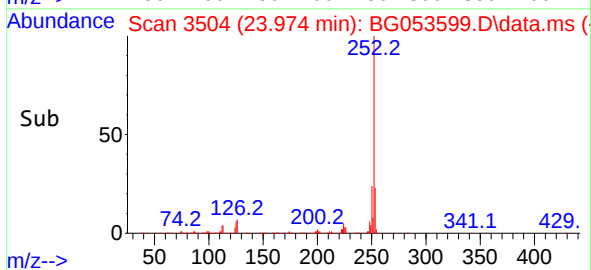
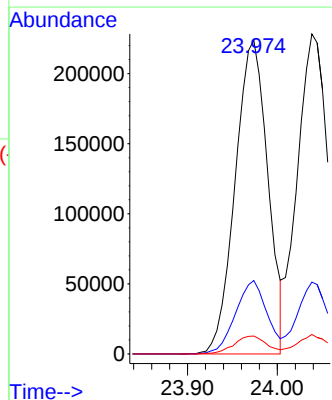
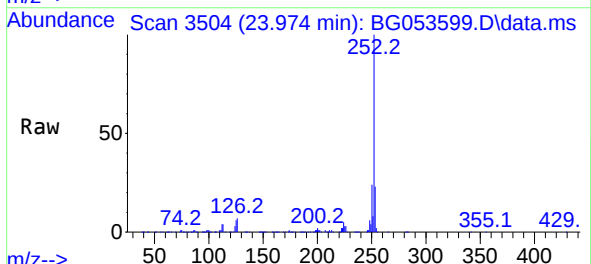
APPROVED

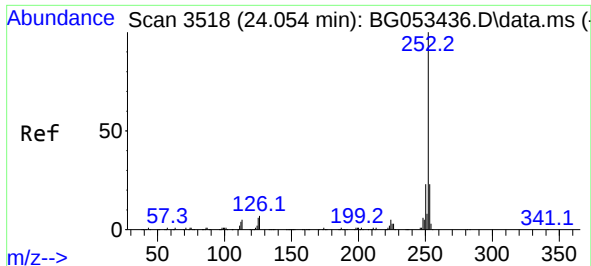
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#88
Benzo(b)fluoranthene
Concen: 49.245 ng
RT: 23.974 min Scan# 3504
Delta R.T. -0.006 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

Tgt Ion:252 Resp: 564328
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 5.7 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 48.959 ng

RT: 24.038 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

Instrument :

BNA_G

ClientSampleId :

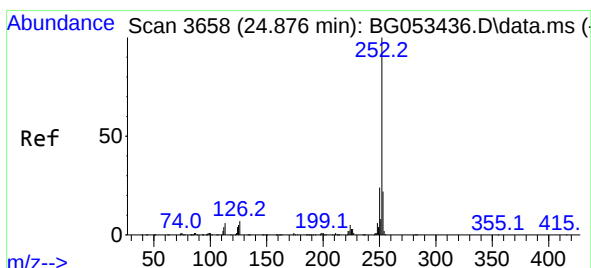
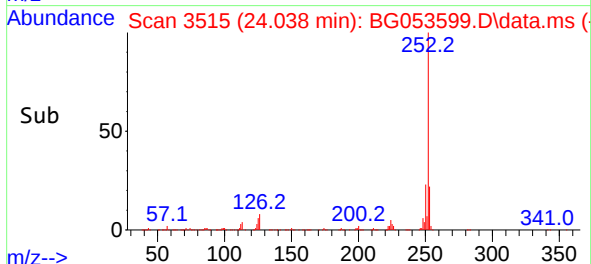
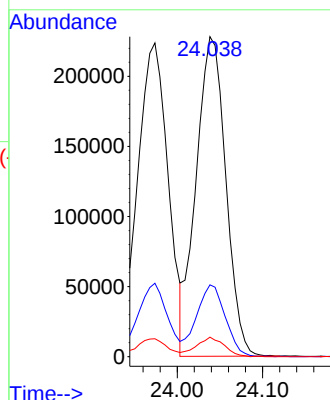
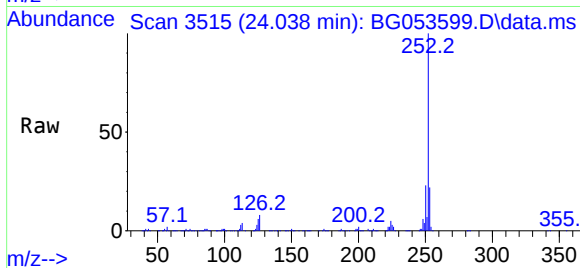
PB144891BS

Tgt Ion:252 Resp: 55132
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.4 27.6
 125 6.1 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#90

Benzo(a)pyrene

Concen: 55.965 ng

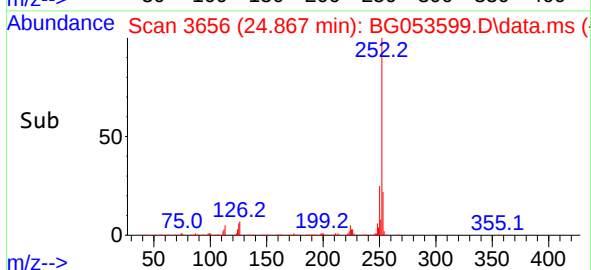
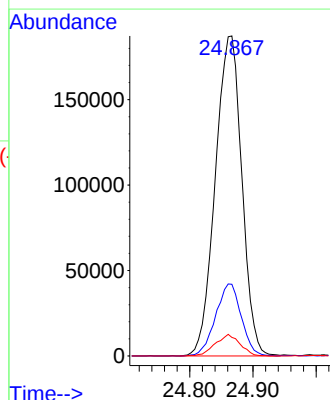
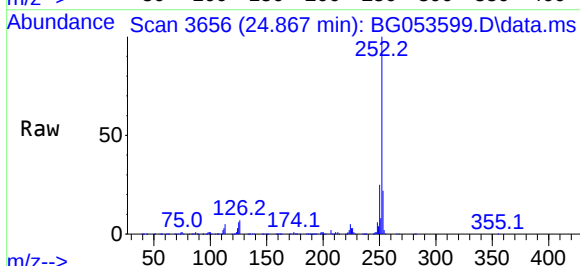
RT: 24.867 min Scan# 3656

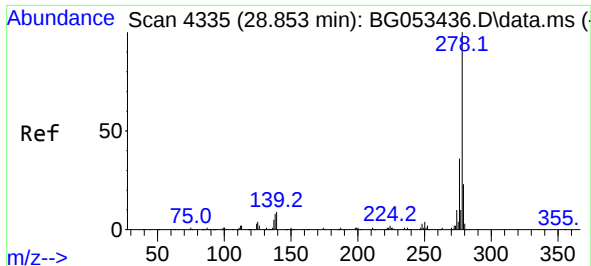
Delta R.T. -0.000 min

Lab File: BG053599.D

Acq: 18 May 2022 10:56

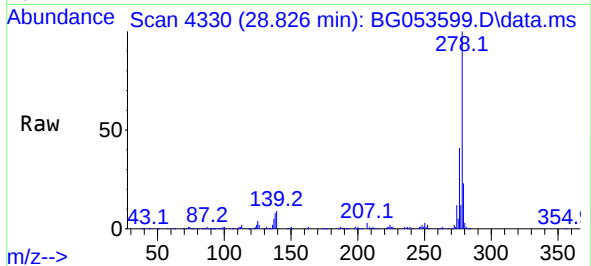
Tgt Ion:252 Resp: 545869
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 5.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 48.043 ng
RT: 28.826 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56

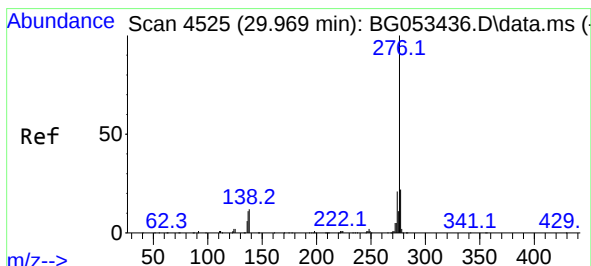
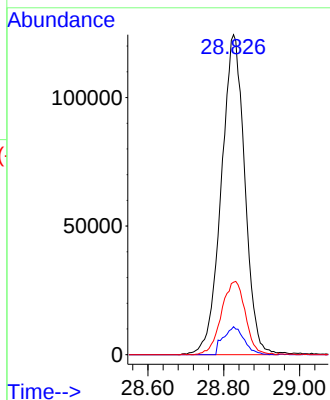
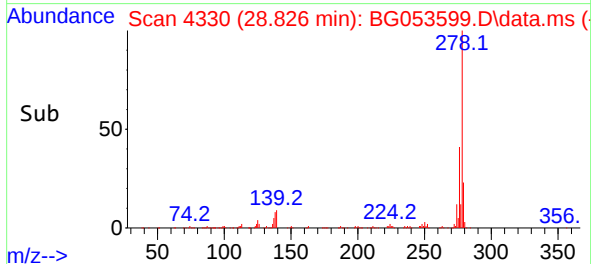
Instrument :
BNA_G
ClientSampleId :
PB144891BS



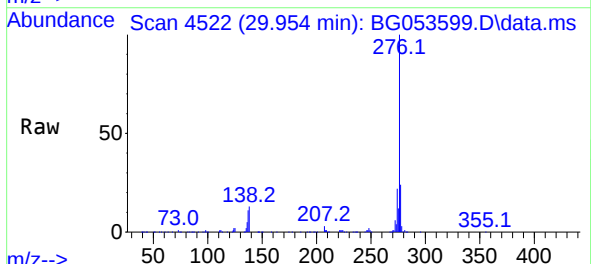
Tgt Ion:278 Resp: 533792
Ion Ratio Lower Upper
278 100
139 8.8 7.2 10.8
279 22.6 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#92
Benzo(g,h,i)perylene
Concen: 48.665 ng
RT: 29.954 min Scan# 4522
Delta R.T. -0.000 min
Lab File: BG053599.D
Acq: 18 May 2022 10:56



Tgt Ion:276 Resp: 535970
Ion Ratio Lower Upper
276 100
277 24.3 17.3 25.9
138 12.6 9.6 14.4

