

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052763.D
 Acq On : 21 Mar 2022 11:19
 Operator : CG/JU
 Sample : PB143444BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143444BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 21 13:25:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	41332	20.000	ng	-0.01
21) Naphthalene-d8	10.956	136	171860	20.000	ng	#-0.02
39) Acenaphthene-d10	14.769	164	122919	20.000	ng	0.00
64) Phenanthrene-d10	17.512	188	292509	20.000	ng	0.00
76) Chrysene-d12	21.800	240	314348	20.000	ng	-0.01
86) Perylene-d12	25.114	264	344493	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	327571	138.021	ng	0.00
7) Phenol-d6	7.297	99	459133	128.319	ng	0.00
23) Nitrobenzene-d5	9.306	82	310767	90.757	ng	-0.01
42) 2,4,6-Tribromophenol	16.249	330	207112	125.393	ng	-0.01
45) 2-Fluorobiphenyl	13.394	172	683693	82.033	ng	-0.01
79) Terphenyl-d14	20.114	244	1448402	81.963	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.590	88	40799	34.365	ng	93
3) Pyridine	3.989	79	111765	36.724	ng	# 88
4) n-Nitrosodimethylamine	3.895	42	69148	51.218	ng	87
6) Aniline	7.461	93	171501	40.878	ng	95
8) 2-Chlorophenol	7.708	128	124075	49.754	ng	97
9) Benzaldehyde	7.273	77	83741	43.395	ng	95
10) Phenol	7.320	94	166850	47.239	ng	90
11) bis(2-Chloroethyl)ether	7.555	93	121096	45.400	ng	92
12) 1,3-Dichlorobenzene	8.037	146	132640m	44.175	ng	
13) 1,4-Dichlorobenzene	8.184	146	134242	44.498	ng	98
14) 1,2-Dichlorobenzene	8.501	146	129747	45.475	ng	97
15) Benzyl Alcohol	8.377	79	141404	46.936	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.671	45	210986	45.422	ng	97
17) 2-Methylphenol	8.577	107	110760	47.040	ng	92
18) Hexachloroethane	9.241	117	49714	44.915	ng	95
19) n-Nitroso-di-n-propyla...	8.953	70	115819	45.703	ng	# 97
20) 3+4-Methylphenols	8.906	107	154674	46.939	ng	96
22) Acetophenone	8.965	105	191658	43.094	ng	# 93
24) Nitrobenzene	9.347	77	170105	49.649	ng	91
25) Isophorone	9.881	82	309372	46.661	ng	97
26) 2-Nitrophenol	10.063	139	60337	50.713	ng	95
27) 2,4-Dimethylphenol	10.116	122	126084	51.799	ng	96
28) bis(2-Chloroethoxy)met...	10.351	93	170367	43.457	ng	99
29) 2,4-Dichlorophenol	10.598	162	126493	46.183	ng	97
30) 1,2,4-Trichlorobenzene	10.821	180	141634	43.835	ng	94
31) Naphthalene	11.009	128	385593	43.388	ng	99
32) Benzoic acid	10.245	122	75071	42.297	ng	93
33) 4-Chloroaniline	11.103	127	74624	19.811	ng	96
34) Hexachlorobutadiene	11.303	225	99852	43.103	ng	97
35) Caprolactam	11.884	113	40156m	53.693	ng	
36) 4-Chloro-3-methylphenol	12.219	107	147054	46.235	ng	93
37) 2-Methylnaphthalene	12.607	142	276972	42.556	ng	97
38) 1-Methylnaphthalene	12.824	142	268590m	42.285	ng	
40) 1,2,4,5-Tetrachloroben...	12.971	216	165828	43.182	ng	# 98
41) Hexachlorocyclopentadiene	12.959	237	246806	108.423	ng	93
43) 2,4,6-Trichlorophenol	13.200	196	116440	47.347	ng	92

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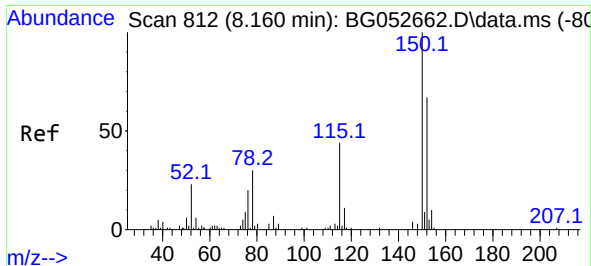
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.271	196	125114	50.122	ng	95
46) 1,1'-Biphenyl	13.606	154	381404	44.369	ng	99
47) 2-Chloronaphthalene	13.647	162	296340	43.775	ng	96
48) 2-Nitroaniline	13.835	65	103617	55.967	ng	89
49) Acenaphthylene	14.493	152	500488	46.378	ng	99
50) Dimethylphthalate	14.217	163	397927	43.558	ng	99
51) 2,6-Dinitrotoluene	14.328	165	80696	52.318	ng	# 79
52) Acenaphthene	14.833	154	345479	49.972	ng	97
53) 3-Nitroaniline	14.657	138	60363	33.445	ng	98
54) 2,4-Dinitrophenol	14.857	184	98878	117.607	ng	# 85
55) Dibenzofuran	15.162	168	474714	42.048	ng	97
56) 4-Nitrophenol	14.957	139	149979	101.870	ng	# 81
57) 2,4-Dinitrotoluene	15.115	165	118382	55.316	ng	91
58) Fluorene	15.814	166	390403	42.421	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.386	232	119986	44.971	ng	98
60) Diethylphthalate	15.574	149	414680	43.002	ng	99
61) 4-Chlorophenyl-phenyle...	15.803	204	215765	42.512	ng	98
62) 4-Nitroaniline	15.820	138	90677	47.547	ng	# 85
63) Azobenzene	16.096	77	441049	42.792	ng	97
65) 4,6-Dinitro-2-methylph...	15.879	198	66134	50.714	ng	99
66) n-Nitrosodiphenylamine	16.014	169	355176	43.130	ng	96
67) 4-Bromophenyl-phenylether	16.696	248	146329	41.493	ng	96
68) Hexachlorobenzene	16.819	284	165698	43.713	ng	# 89
69) Atrazine	16.960	200	148265	48.827	ng	98
70) Pentachlorophenol	17.154	266	216500	92.063	ng	93
71) Phenanthrene	17.553	178	692275	44.239	ng	98
72) Anthracene	17.641	178	701581	45.353	ng	98
73) Carbazole	17.906	167	666026	43.472	ng	98
74) Di-n-butylphthalate	18.464	149	768980	45.944	ng	98
75) Fluoranthene	19.556	202	935177	47.080	ng	99
77) Benzidine	19.727	184	378430	46.676	ng	99
78) Pyrene	19.921	202	942960	43.245	ng	98
80) Butylbenzylphthalate	20.802	149	346682	44.820	ng	99
81) Benzo(a)anthracene	21.777	228	951391	45.198	ng	98
82) 3,3'-Dichlorobenzidine	21.683	252	219898	29.583	ng	98
83) Chrysene	21.847	228	865400	43.732	ng	99
84) Bis(2-ethylhexyl)phtha...	21.683	149	487187	46.314	ng	99
85) Di-n-octyl phthalate	22.928	149	829490	47.368	ng	96
87) Indeno(1,2,3-cd)pyrene	28.908	276	1079533	45.783	ng	99
88) Benzo(b)fluoranthene	24.062	252	1010242	47.230	ng	98
89) Benzo(k)fluoranthene	24.133	252	948113	45.052	ng	98
90) Benzo(a)pyrene	24.961	252	966037	53.355	ng	99
91) Dibenzo(a,h)anthracene	28.985	278	931176	47.926	ng	97
92) Benzo(g,h,i)perylene	30.107	276	933433	48.555	ng	97

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



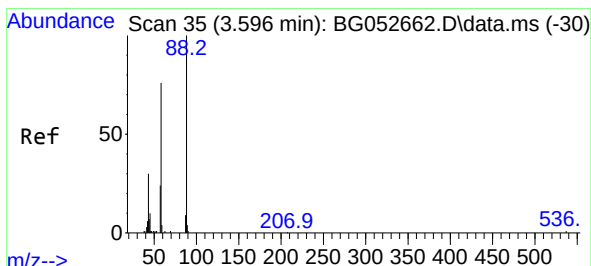
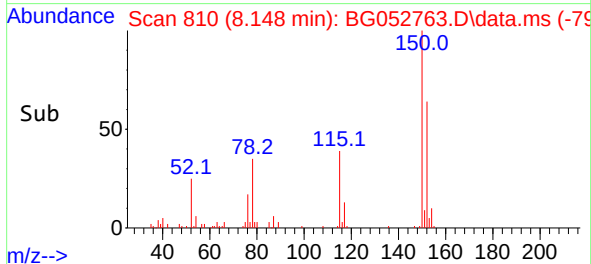
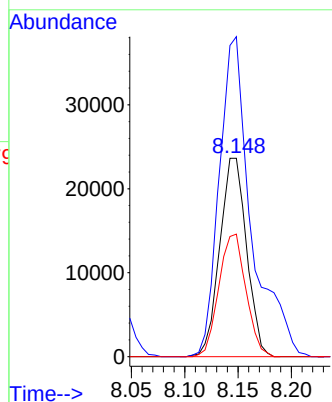
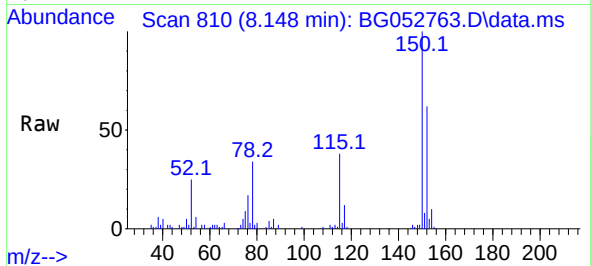
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:152 Resp: 4133
Ion Ratio Lower Upper
152 100
150 161.3 114.6 172.0
115 61.8 45.9 68.9

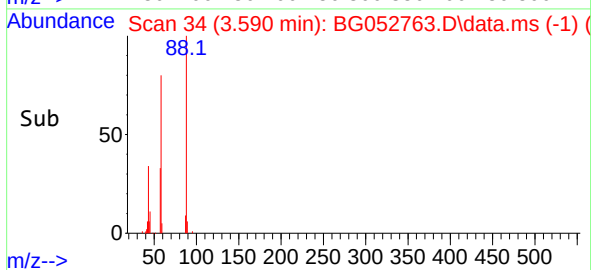
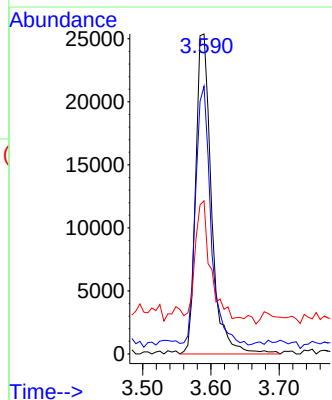
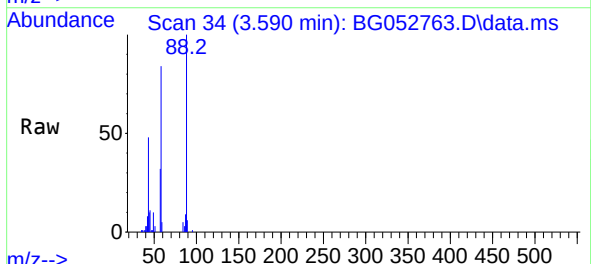
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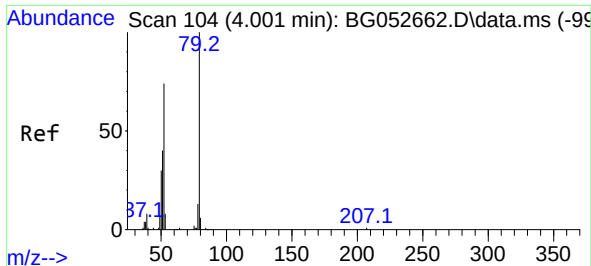
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#2
1,4-Dioxane
Concen: 34.365 ng
RT: 3.590 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion: 88 Resp: 40799
Ion Ratio Lower Upper
88 100
58 78.5 58.2 87.2
43 33.6 23.4 35.0





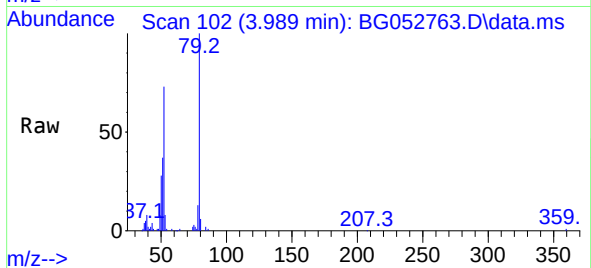
#3
Pyridine
Concen: 36.724 ng
RT: 3.989 min Scan# 104
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

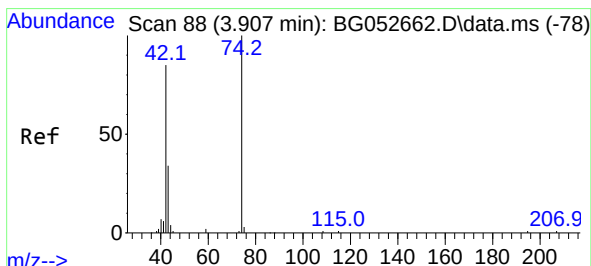
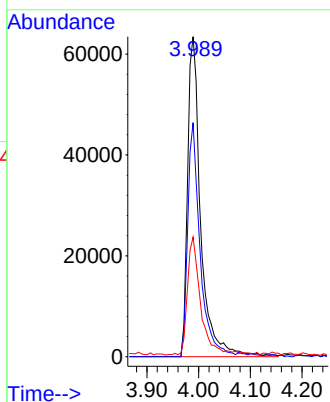
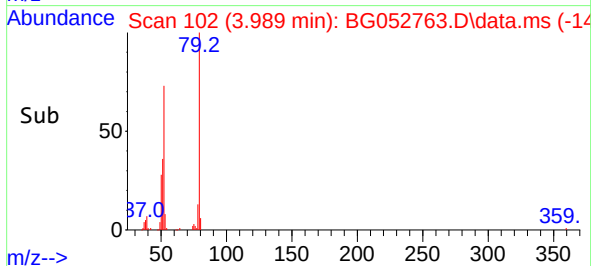


Tgt Ion: 79 Resp: 11176
Ion Ratio Lower Upper
79 100
52 73.2 50.9 76.3
51 37.4 24.4 36.6

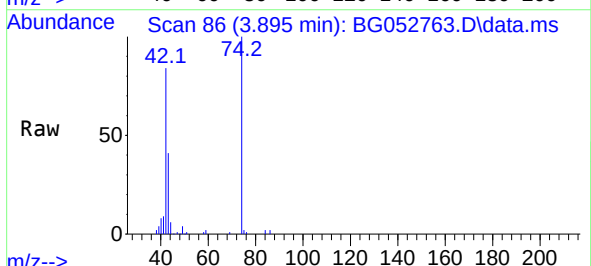
Manual Integrations

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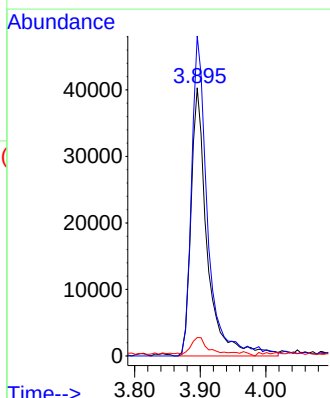
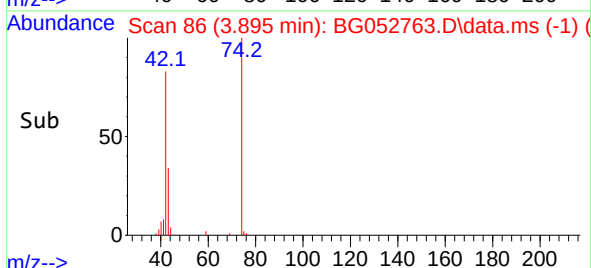
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

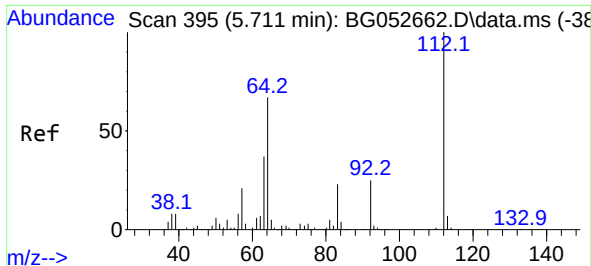


#4
n-Nitrosodimethylamine
Concen: 51.218 ng
RT: 3.895 min Scan# 86
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion: 42 Resp: 69148
Ion Ratio Lower Upper
42 100
74 119.3 108.9 163.3
44 6.9 5.7 8.5





#5
2-Fluorophenol
Concen: 138.021 ng
RT: 5.705 min Scan# 395
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

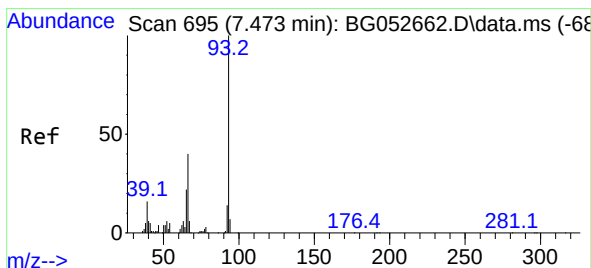
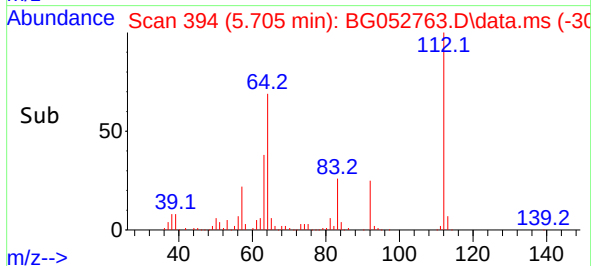
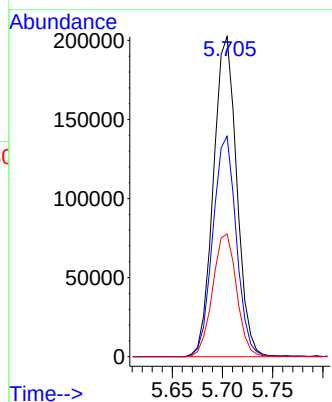
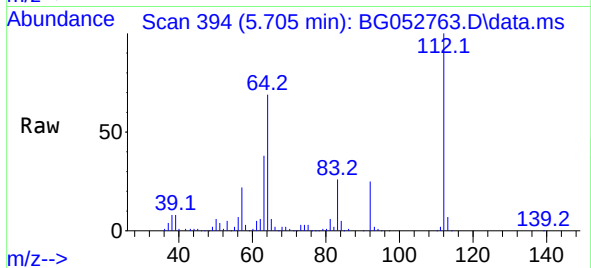
PB143444BS

Tgt Ion:112 Resp: 32757
Ion Ratio Lower Upper
112 100
64 68.9 48.0 72.0
63 38.4 26.5 39.7

Manual Integrations

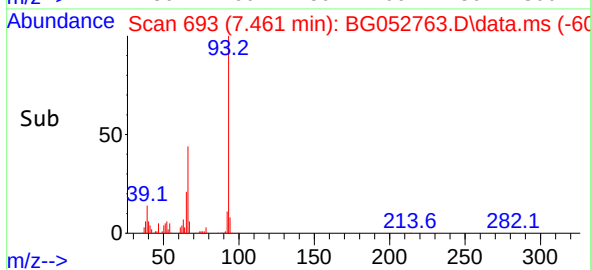
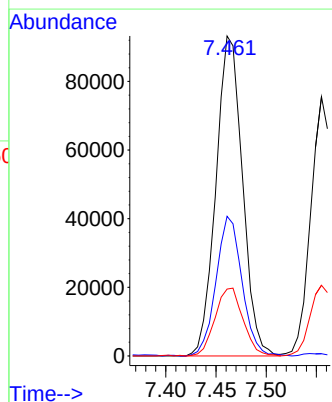
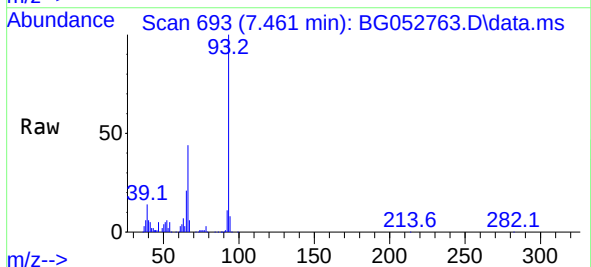
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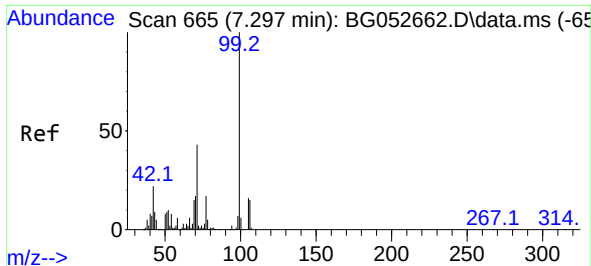
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#6
Aniline
Concen: 40.878 ng
RT: 7.461 min Scan# 693
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

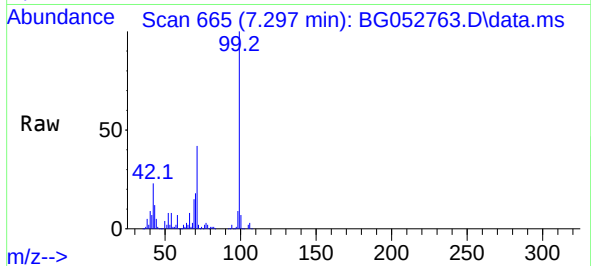
Tgt Ion: 93 Resp: 171501
Ion Ratio Lower Upper
93 100
66 43.7 31.3 46.9
65 20.9 16.7 25.1





#7
Phenol-d6
Concen: 128.319 ng
RT: 7.297 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

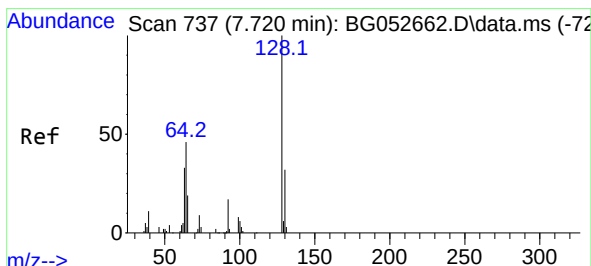
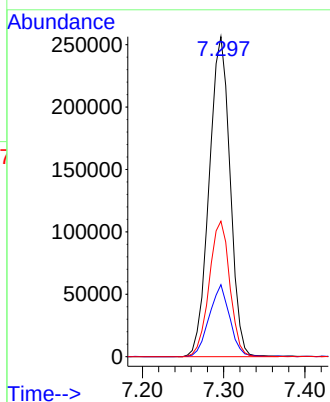
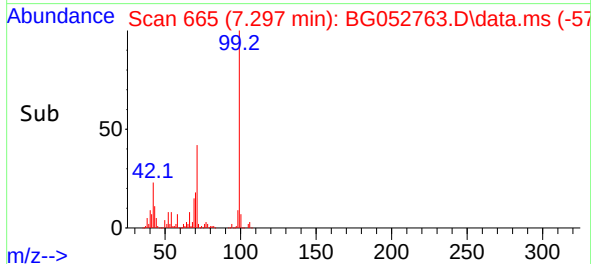
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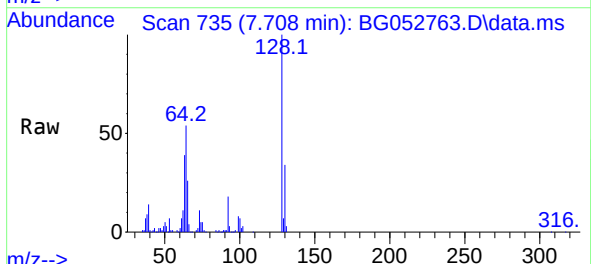
Tgt Ion: 99 Resp: 45913
Ion Ratio Lower Upper
99 100
42 22.5 14.7 22.1
71 42.3 29.2 43.8

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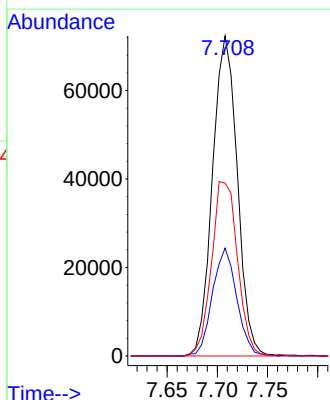
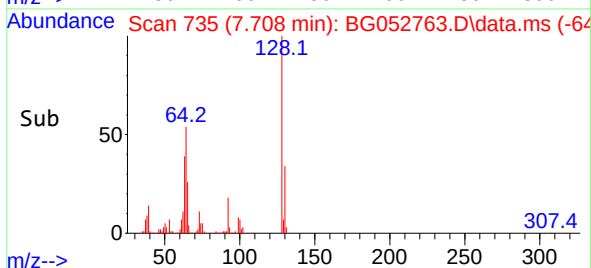
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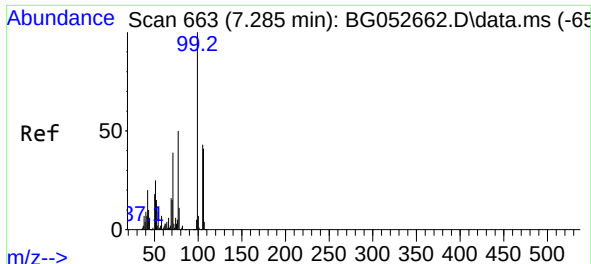


#8
2-Chlorophenol
Concen: 49.754 ng
RT: 7.708 min Scan# 735
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:128 Resp: 124075
Ion Ratio Lower Upper
128 100
130 33.7 13.4 53.4
64 54.0 30.9 70.9





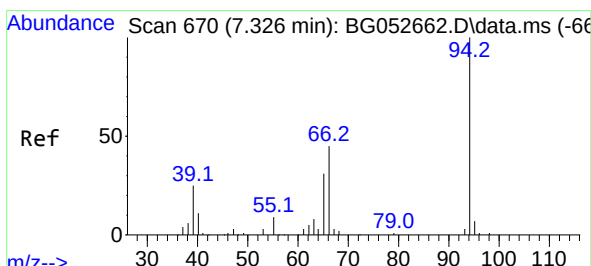
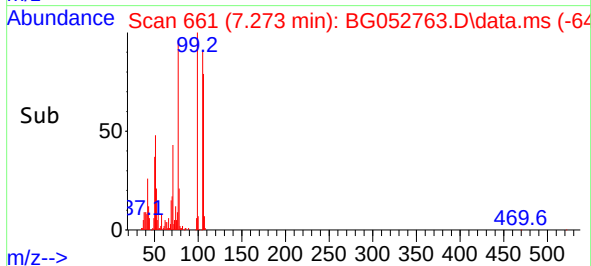
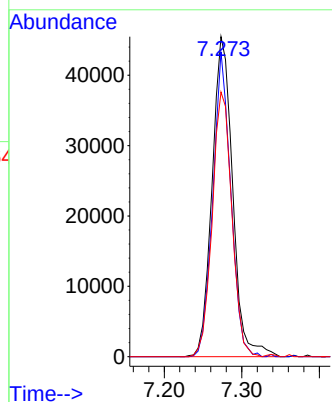
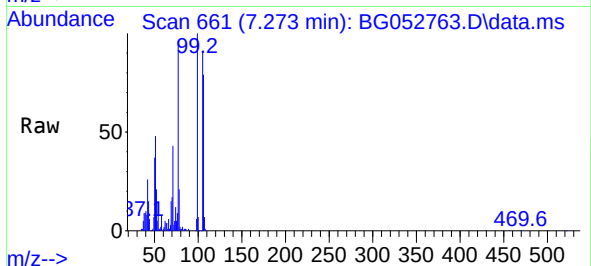
#9
Benzaldehyde
Concen: 43.395 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion: 77 Resp: 8374
Ion Ratio Lower Upper
77 100
105 95.3 70.6 110.6
106 82.7 67.6 107.6

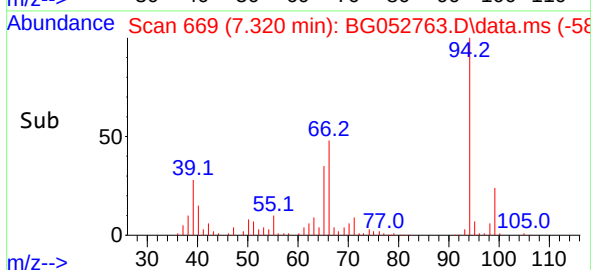
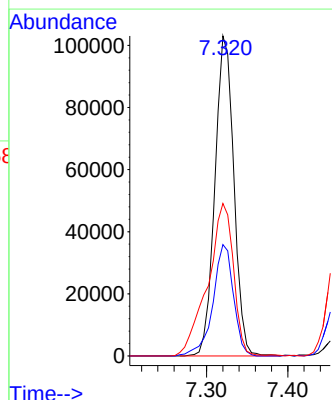
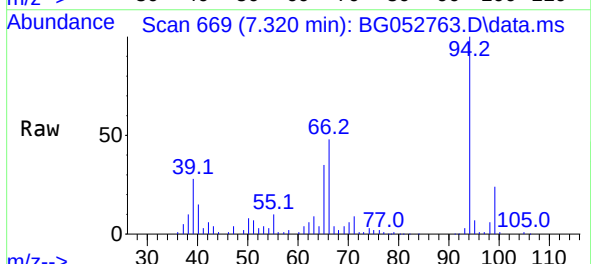
Manual Integrations
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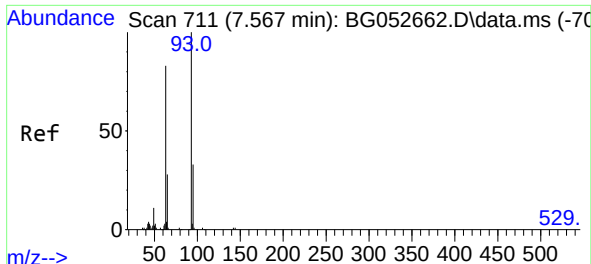
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#10
Phenol
Concen: 47.239 ng
RT: 7.320 min Scan# 669
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

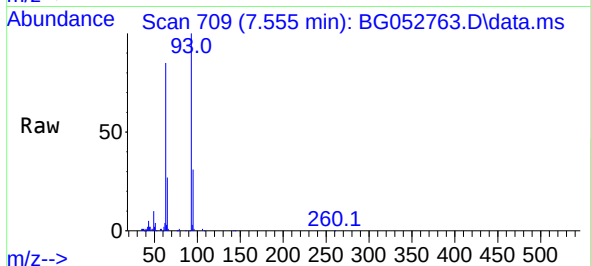
Tgt Ion: 94 Resp: 166850
Ion Ratio Lower Upper
94 100
65 34.8 11.1 51.1
66 47.7 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.400 ng
RT: 7.555 min Scan# 709
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

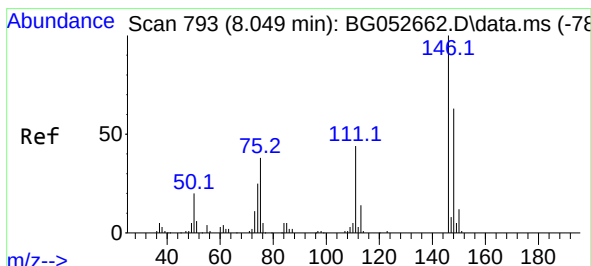
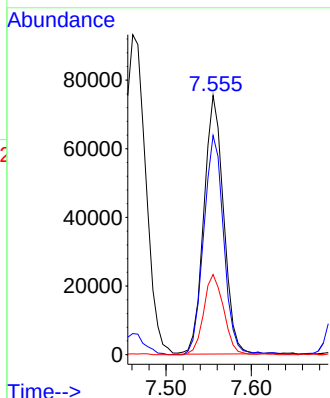
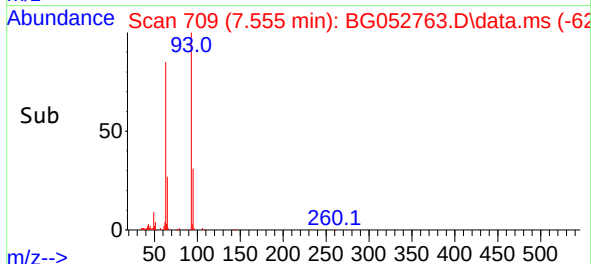
Instrument :
BNA_G
ClientSampleId :
PB143444BS



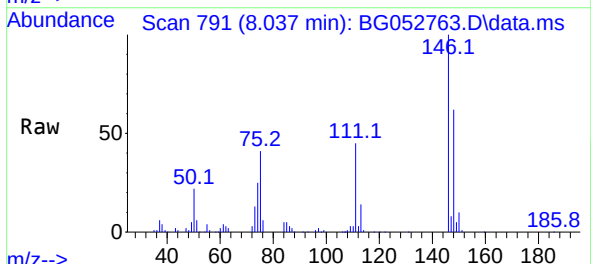
Tgt Ion: 93 Resp: 121090
Ion Ratio Lower Upper
93 100
63 84.6 56.9 96.9
95 30.9 14.5 54.5

Manual Integrations
APPROVED

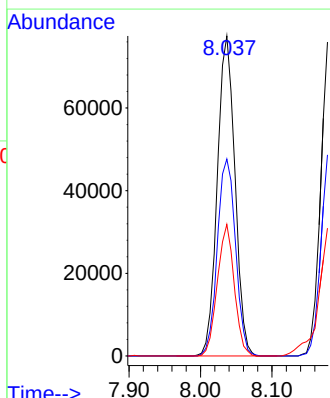
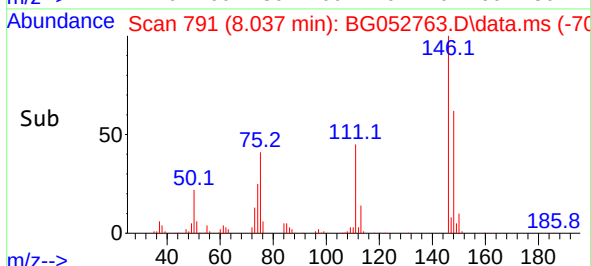
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

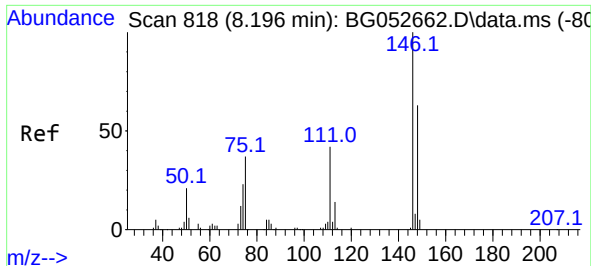


#12
1,3-Dichlorobenzene
Concen: 44.175 ng m
RT: 8.037 min Scan# 791
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



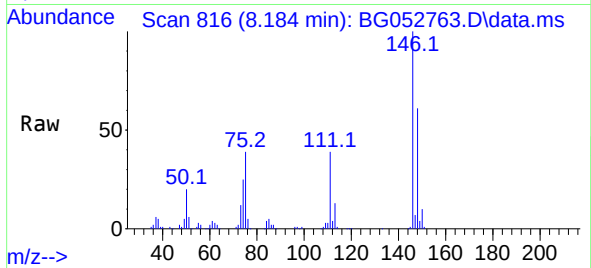
Tgt Ion:146 Resp: 132640
Ion Ratio Lower Upper
146 100
148 61.6 50.6 76.0
75 41.1 25.9 38.9#





#13
1,4-Dichlorobenzene
Concen: 44.498 ng
RT: 8.184 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

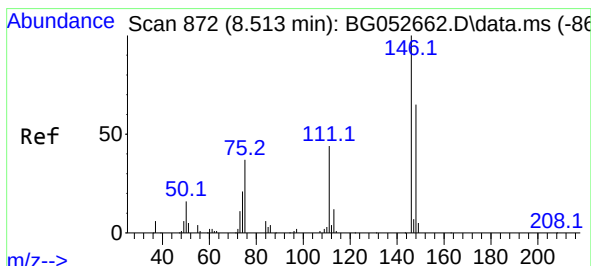
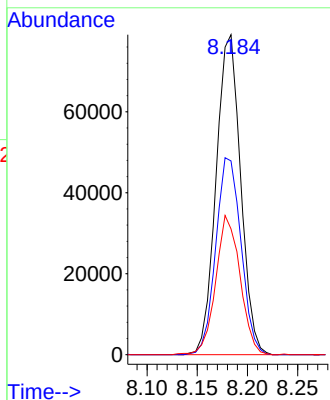
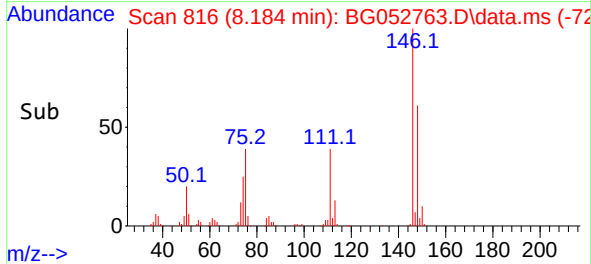
Instrument :
BNA_G
ClientSampleId :
PB143444BS



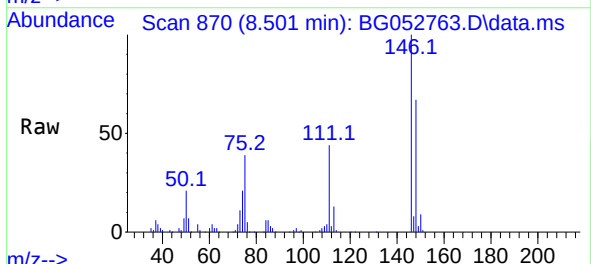
Tgt Ion:146 Resp: 13424
Ion Ratio Lower Upper
146 100
148 60.5 50.0 75.0
111 39.3 31.0 46.4

Manual Integrations
APPROVED

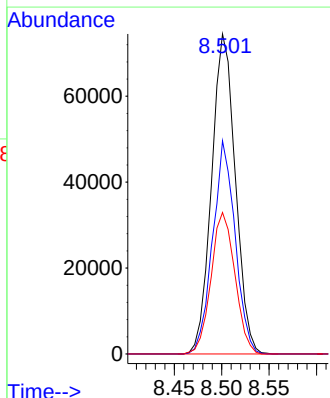
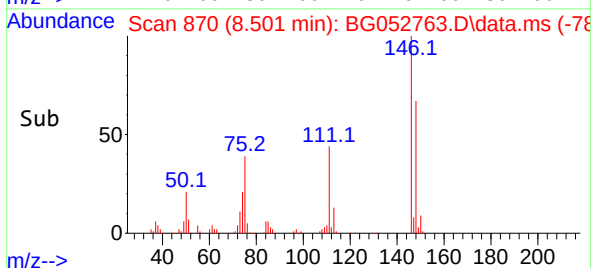
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

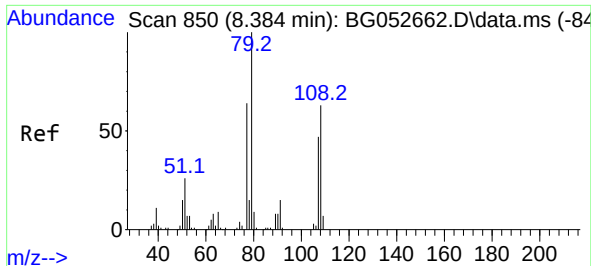


#14
1,2-Dichlorobenzene
Concen: 45.475 ng
RT: 8.501 min Scan# 870
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



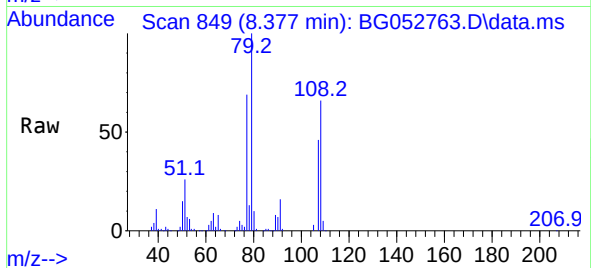
Tgt Ion:146 Resp: 129747
Ion Ratio Lower Upper
146 100
148 66.6 51.0 76.6
111 44.2 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.936 ng
RT: 8.377 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

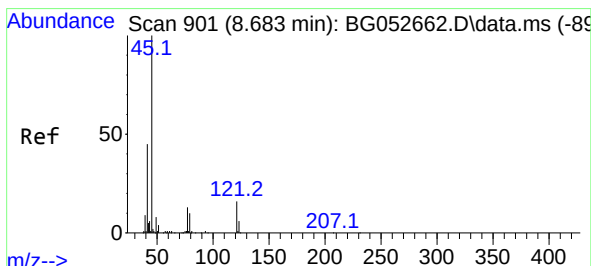
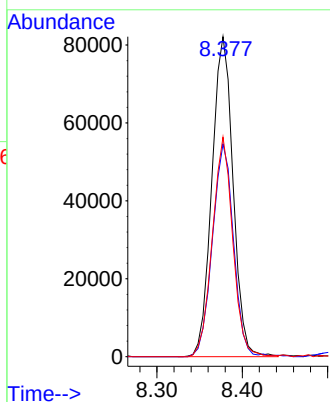
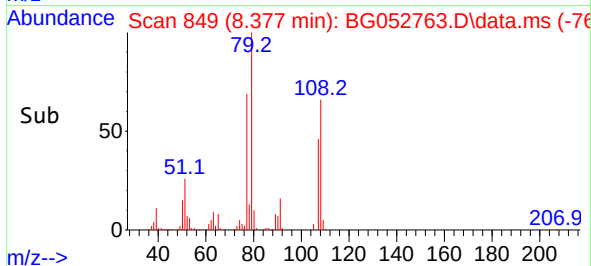
Instrument :
BNA_G
ClientSampleId :
PB143444BS



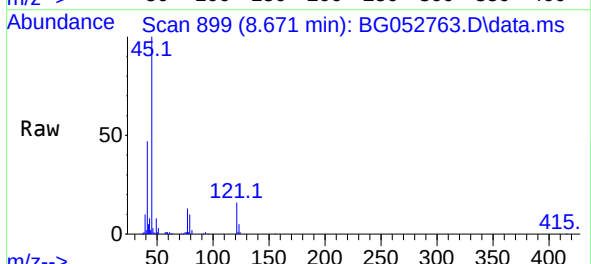
Tgt Ion: 79 Resp: 141404
Ion Ratio Lower Upper
79 100
108 66.5 55.1 82.7
77 68.6 52.4 78.6

Manual Integrations
APPROVED

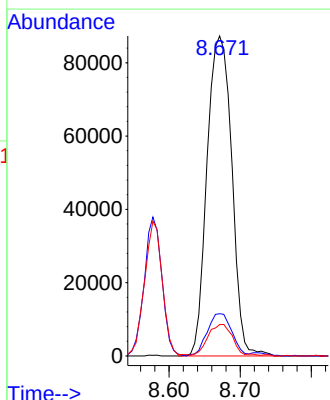
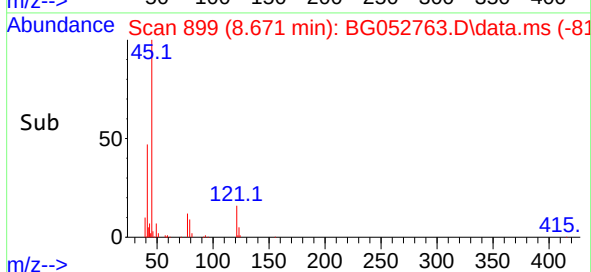
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

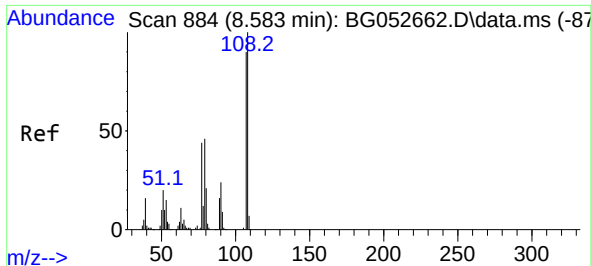


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.422 ng
RT: 8.671 min Scan# 899
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



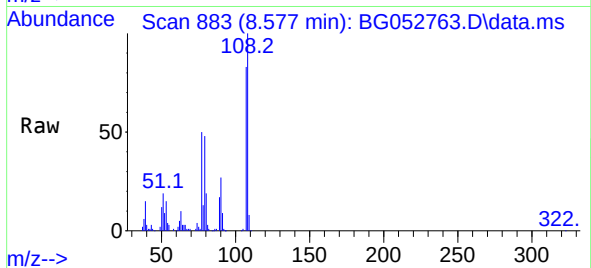
Tgt Ion: 45 Resp: 210986
Ion Ratio Lower Upper
45 100
77 13.2 0.0 34.9
79 9.8 0.0 30.7





#17
2-Methylphenol
Concen: 47.040 ng
RT: 8.577 min Scan# 884
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

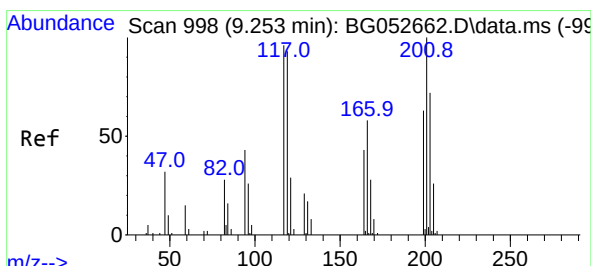
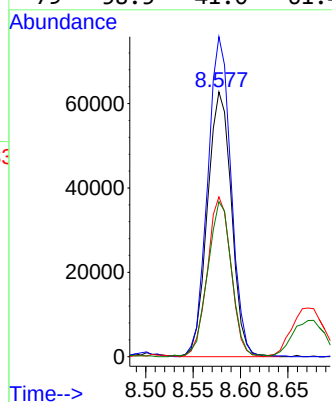
Instrument :
BNA_G
ClientSampleId :
PB143444BS



Tgt Ion:107 Resp: 110760
Ion Ratio Lower Upper
107 100
108 120.8 91.5 137.3
77 60.3 42.5 63.7
79 58.5 41.0 61.4

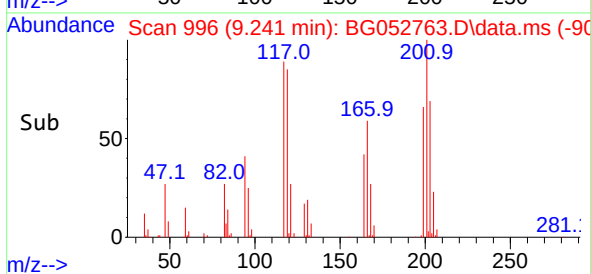
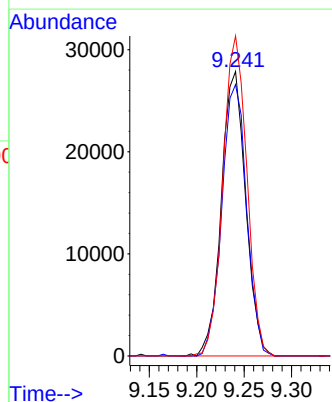
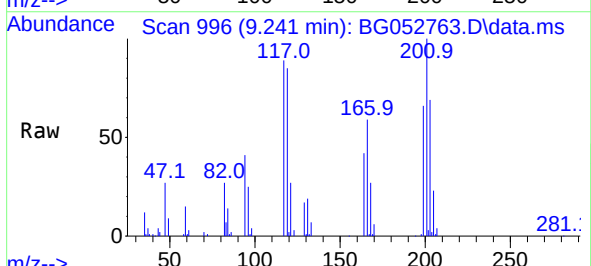
Manual Integrations
APPROVED

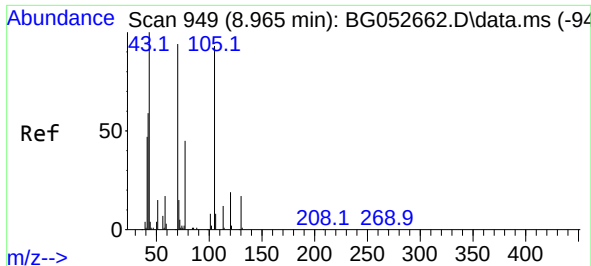
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#18
Hexachloroethane
Concen: 44.915 ng
RT: 9.241 min Scan# 996
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

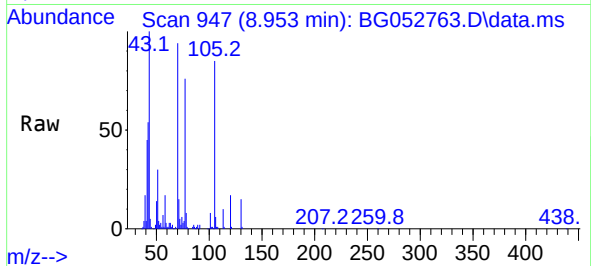
Tgt Ion:117 Resp: 49714
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7
201 112.5 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.703 ng
RT: 8.953 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

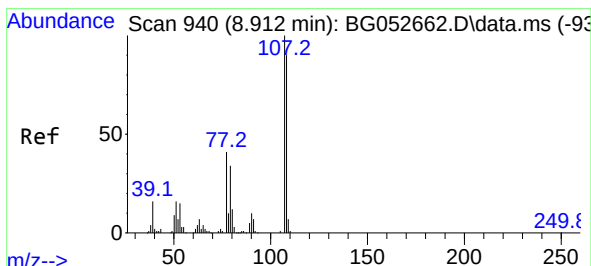
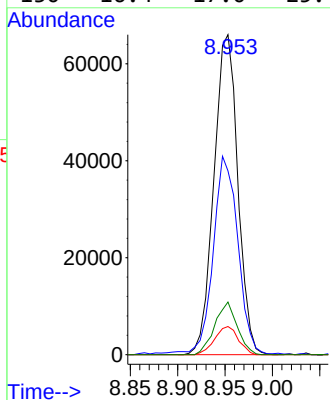
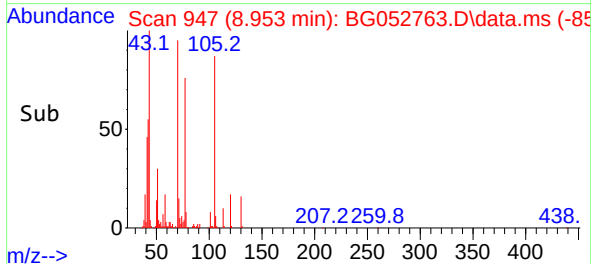
Instrument :
BNA_G
ClientSampleId :
PB143444BS



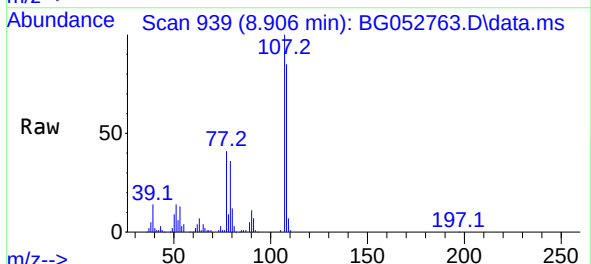
Tgt Ion: 70 Resp: 115819
Ion Ratio Lower Upper
70 100
42 57.5 46.0 69.0
101 8.8 6.2 9.4
130 16.4 17.0 25.4#

Manual Integrations
APPROVED

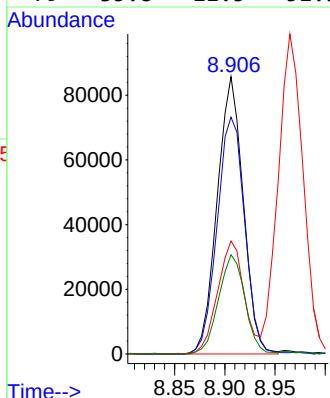
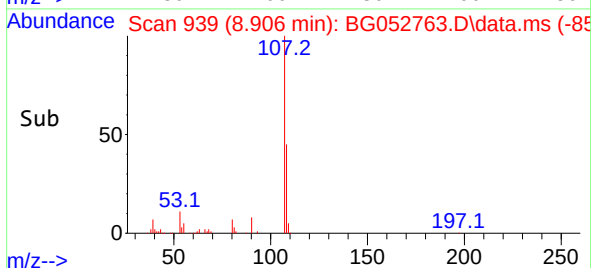
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

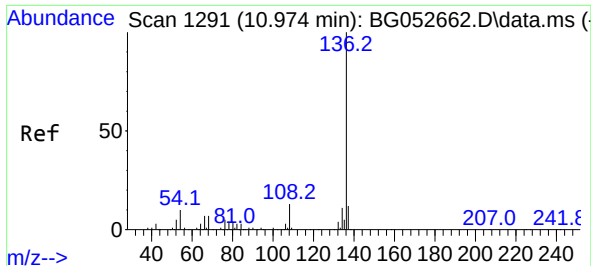


#20
3+4-Methylphenols
Concen: 46.939 ng
RT: 8.906 min Scan# 939
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:107 Resp: 154674
Ion Ratio Lower Upper
107 100
108 85.4 64.8 104.8
77 40.7 15.9 55.9
79 35.8 11.5 51.5





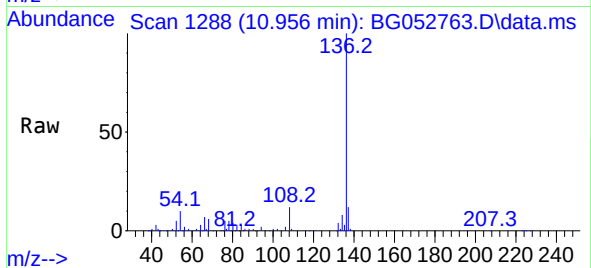
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.956 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

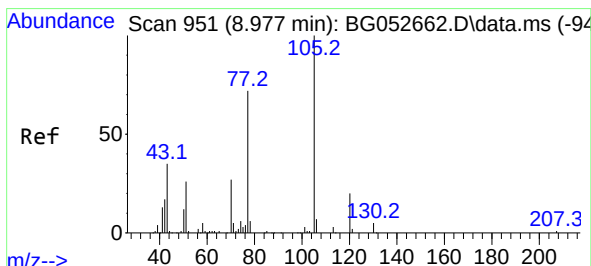
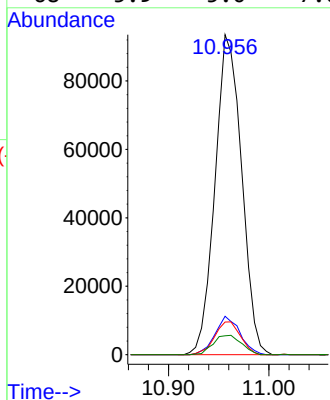
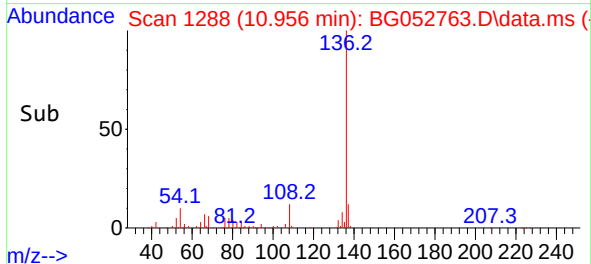


Tgt Ion:136 Resp: 171860
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.2
54 10.2 6.4 9.6
68 5.9 5.0 7.6

Manual Integrations

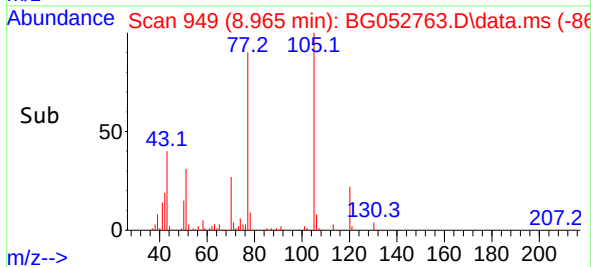
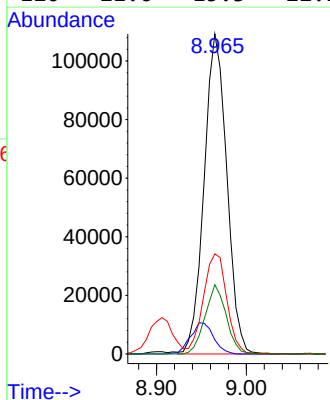
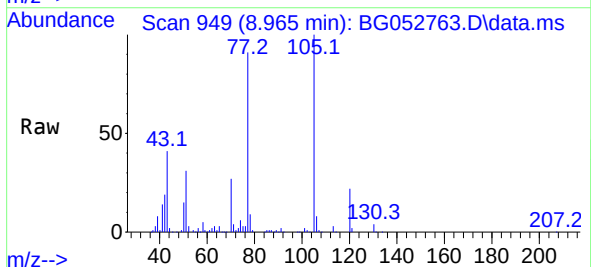
APPROVED

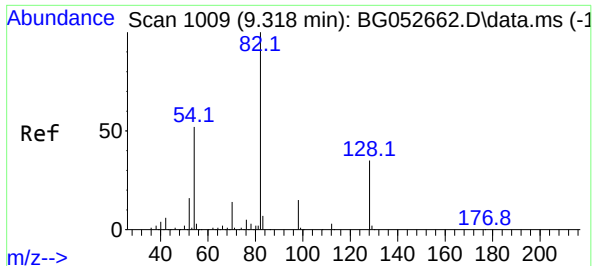
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#22
Acetophenone
Concen: 43.094 ng
RT: 8.965 min Scan# 949
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:105 Resp: 191658
Ion Ratio Lower Upper
105 100
71 4.4 2.1 3.1#
51 31.3 21.9 32.9
120 21.6 15.3 22.9





#23

Nitrobenzene-d5

Concen: 90.757 ng

RT: 9.306 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BG052763.D

Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

Tgt Ion: 82 Resp: 31076

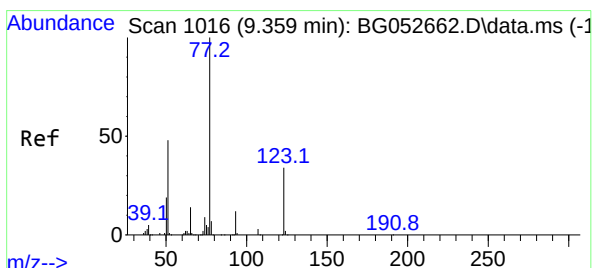
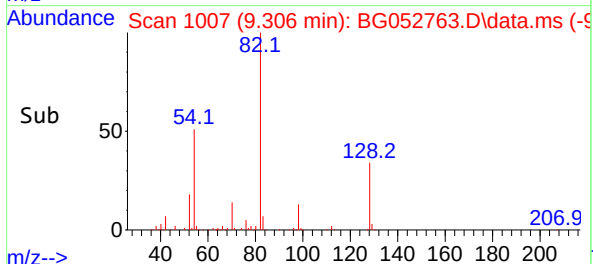
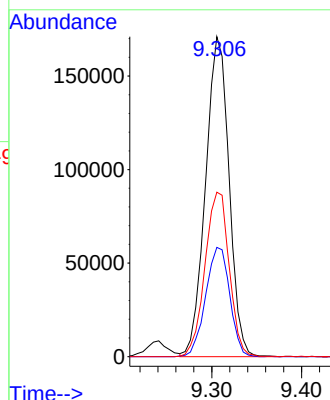
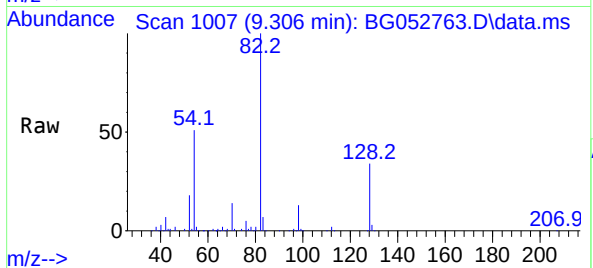
Ion	Ratio	Lower	Upper
82	100		
128	34.2	31.3	46.9
54	51.4	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#24

Nitrobenzene

Concen: 49.649 ng

RT: 9.347 min Scan# 1014

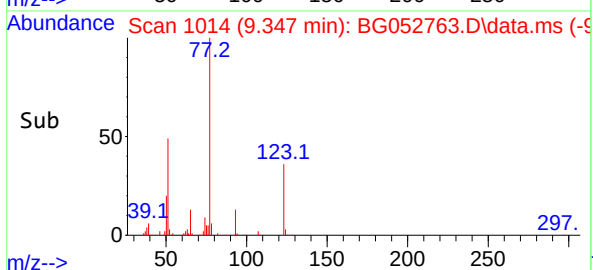
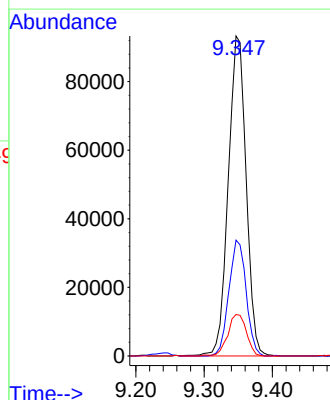
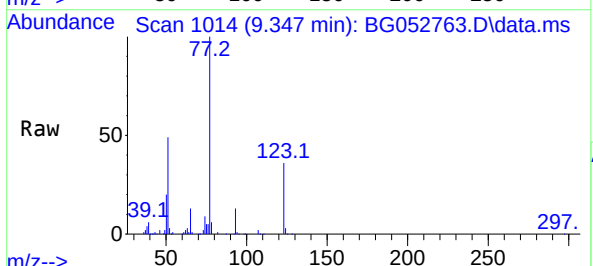
Delta R.T. -0.012 min

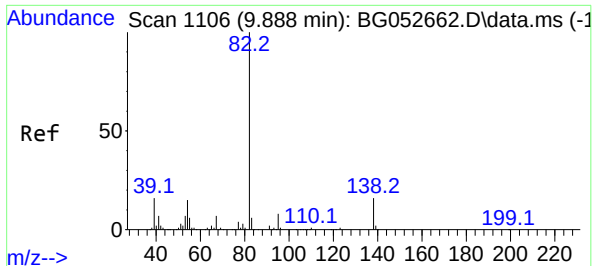
Lab File: BG052763.D

Acq: 21 Mar 2022 11:19

Tgt Ion: 77 Resp: 170105

Ion	Ratio	Lower	Upper
77	100		
123	36.2	34.4	51.6
65	13.0	11.2	16.8





#25
Isophorone
Concen: 46.661 ng
RT: 9.881 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

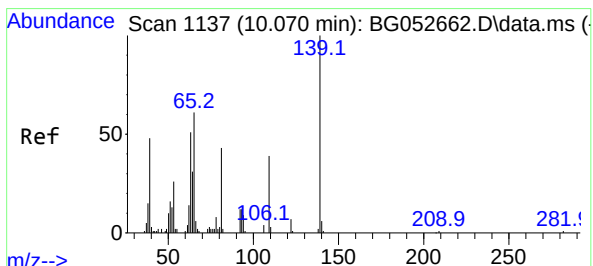
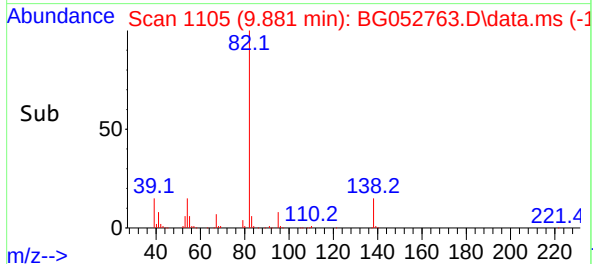
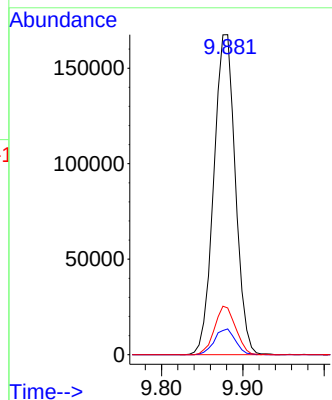
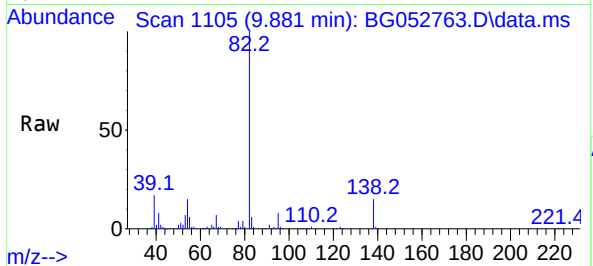
PB143444BS

Tgt Ion: 82 Resp: 30937
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 14.6 12.6 18.8

Manual Integrations

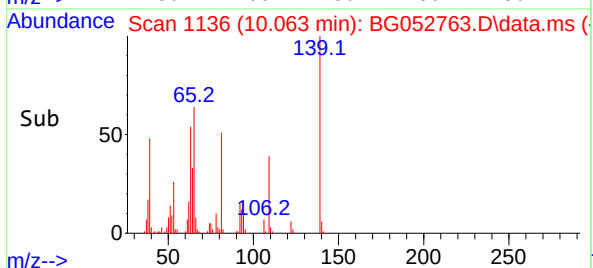
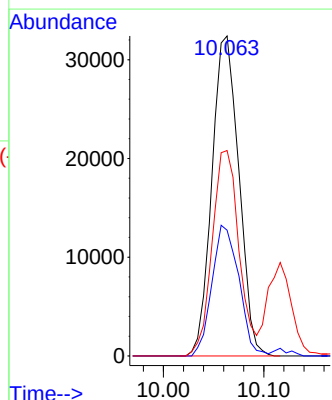
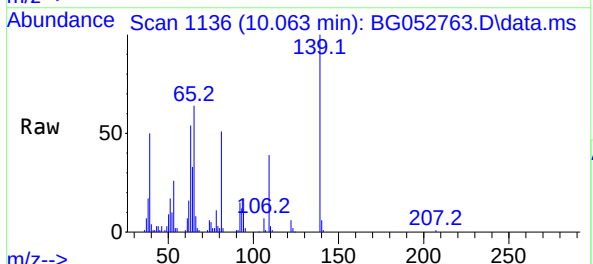
APPROVED

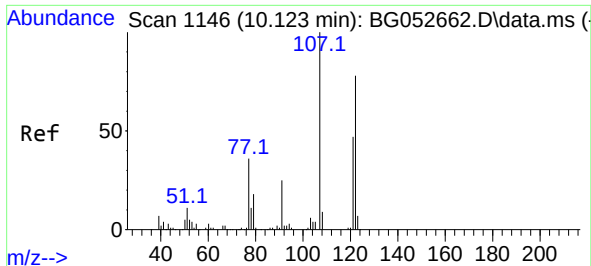
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#26
2-Nitrophenol
Concen: 50.713 ng
RT: 10.063 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

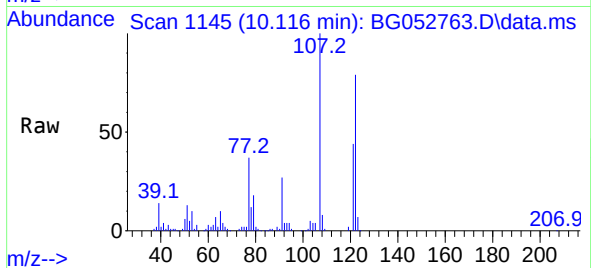
Tgt Ion:139 Resp: 60337
Ion Ratio Lower Upper
139 100
109 39.3 29.4 44.0
65 64.2 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 51.799 ng
RT: 10.116 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

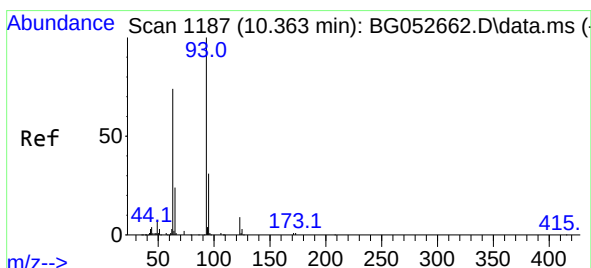
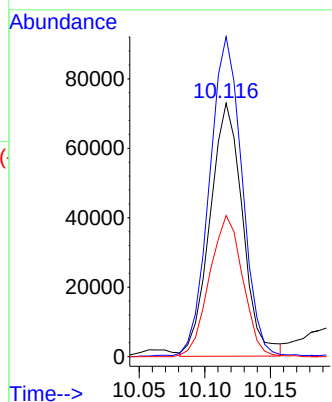
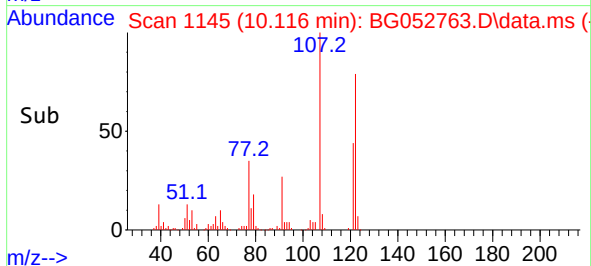
Instrument :
BNA_G
ClientSampleId :
PB143444BS



Tgt Ion:122 Resp: 126084
Ion Ratio Lower Upper
122 100
107 126.3 96.7 145.1
121 55.7 46.3 69.5

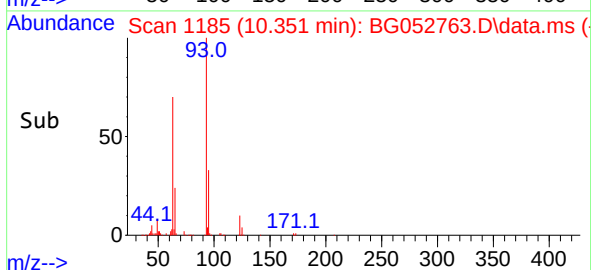
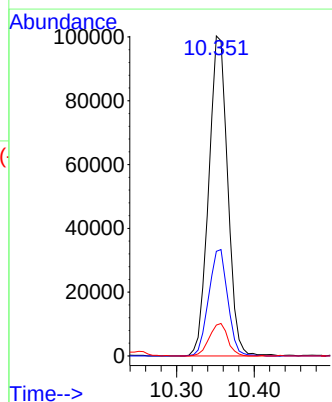
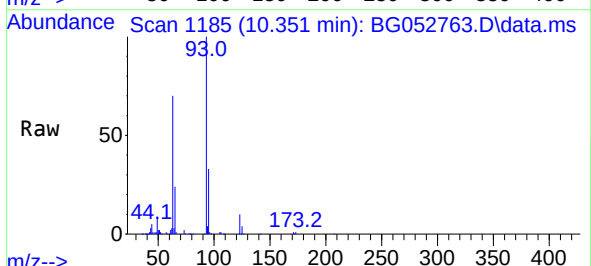
Manual Integrations
APPROVED

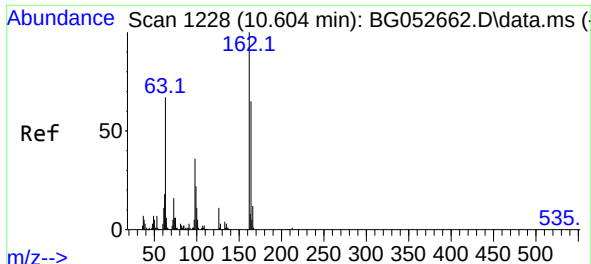
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.457 ng
RT: 10.351 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion: 93 Resp: 170367
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 9.7 8.6 12.8





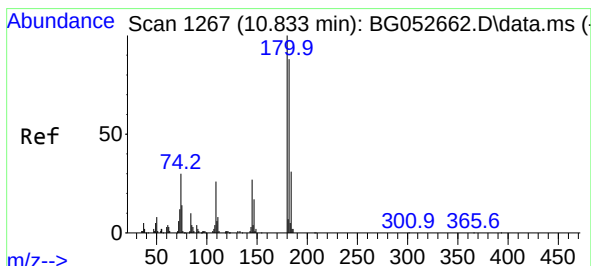
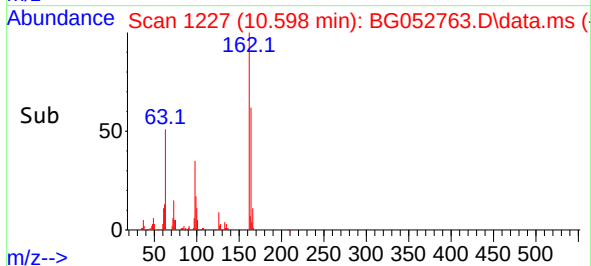
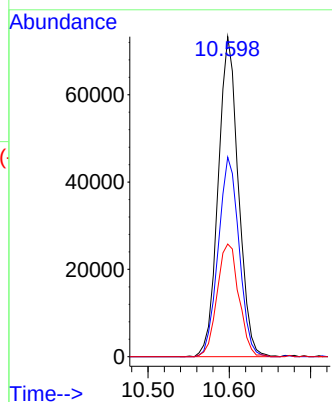
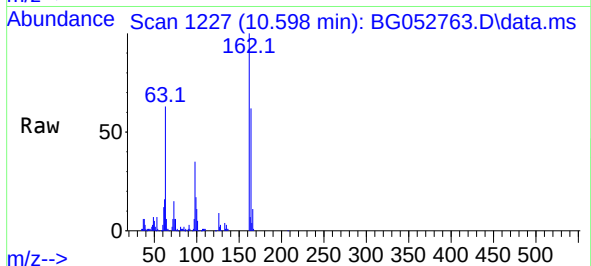
#29
2,4-Dichlorophenol
Concen: 46.183 ng
RT: 10.598 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:162 Resp: 12649
Ion Ratio Lower Upper
162 100
164 62.4 44.0 84.0
98 35.2 17.3 57.3

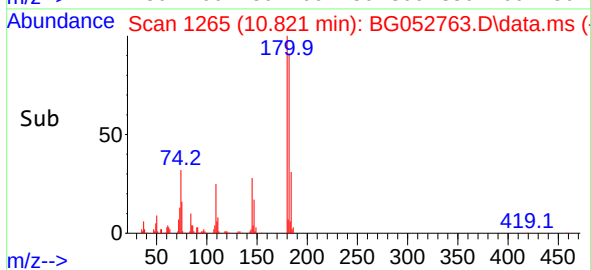
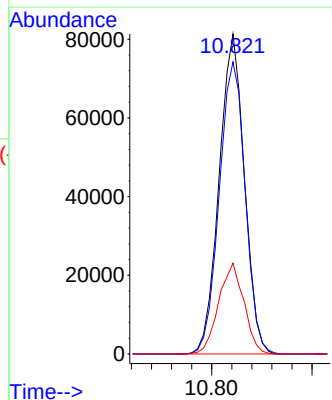
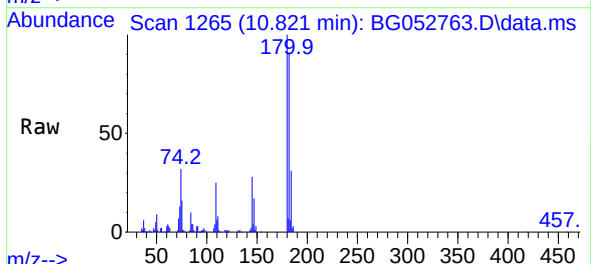
Manual Integrations
APPROVED

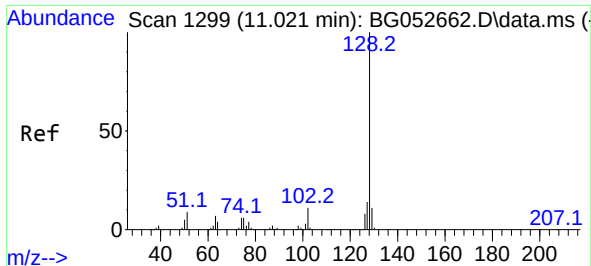
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.835 ng
RT: 10.821 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

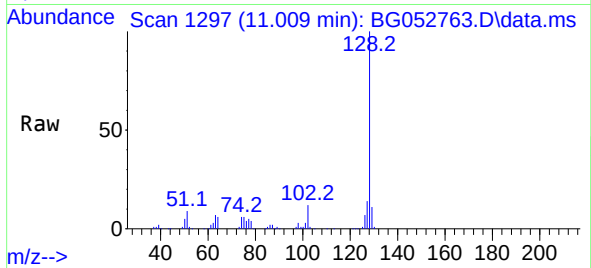
Tgt Ion:180 Resp: 141634
Ion Ratio Lower Upper
180 100
182 91.2 77.8 116.6
145 28.4 24.4 36.6





#31
Naphthalene
Concen: 43.388 ng
RT: 11.009 min Scan# 11009
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

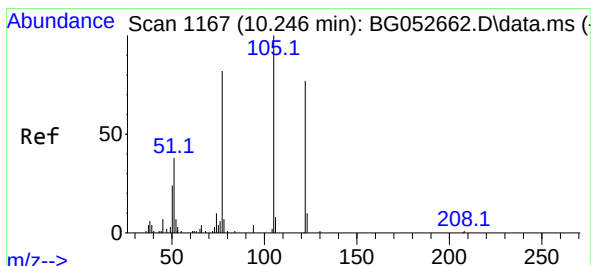
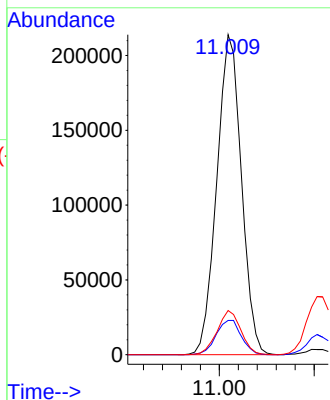
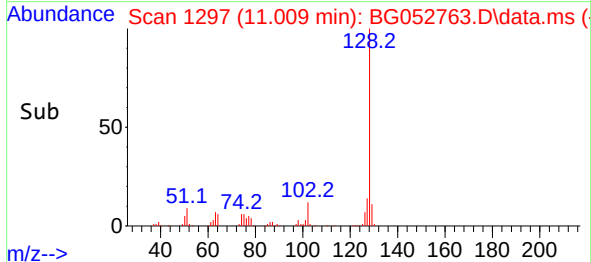
Instrument :
BNA_G
ClientSampleId :
PB143444BS



Tgt Ion:128 Resp: 38559
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.8 10.5 15.7

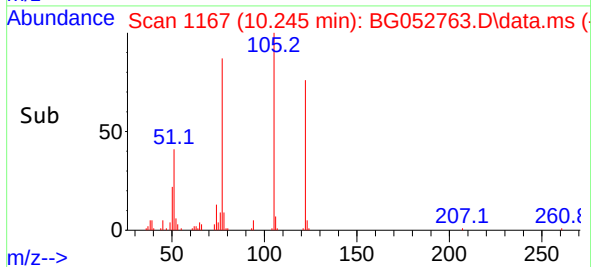
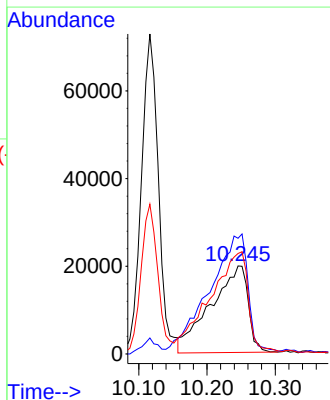
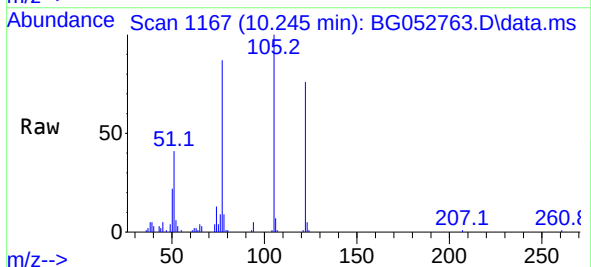
Manual Integrations
APPROVED

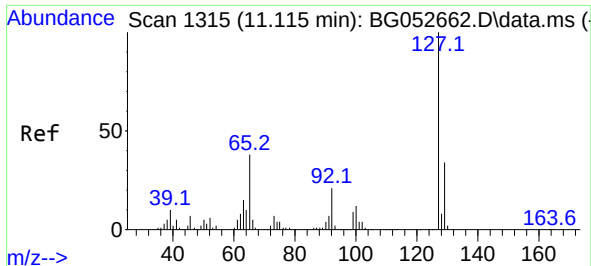
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 42.297 ng
RT: 10.245 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:122 Resp: 75071
Ion Ratio Lower Upper
122 100
105 131.5 112.8 152.8
77 114.2 78.4 118.4





#33
4-Chloroaniline
Concen: 19.811 ng
RT: 11.103 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

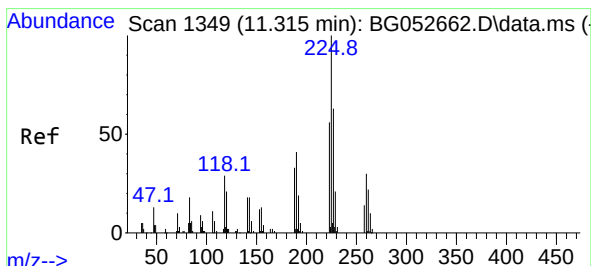
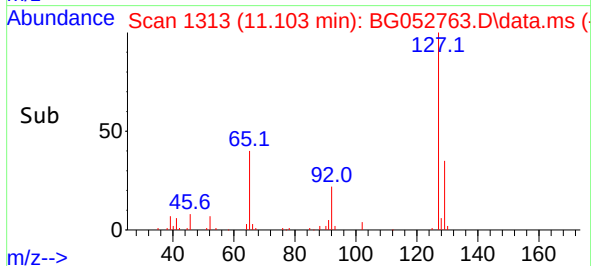
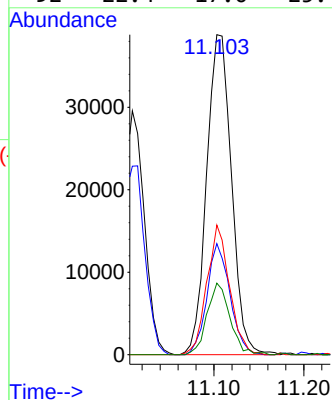
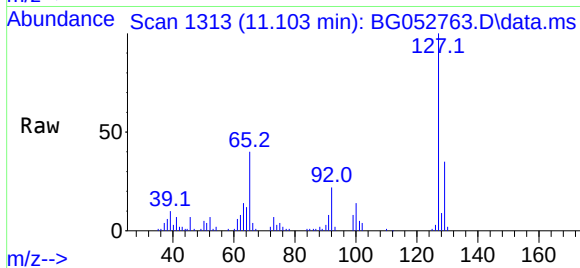
PB143444BS

Tgt Ion:127	Resp: 74624
Ion Ratio	Lower Upper
127 100	
129 34.7	27.6 41.4
65 40.5	28.2 42.4
92 22.4	17.0 25.4

Manual Integrations

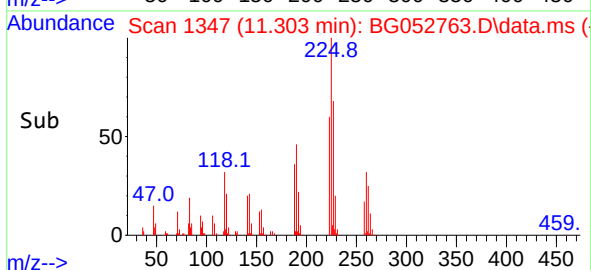
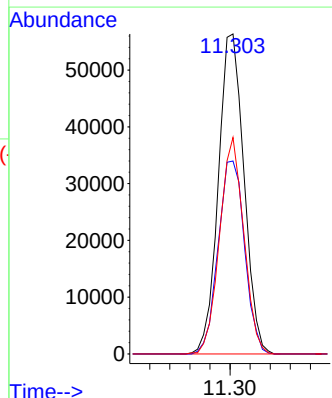
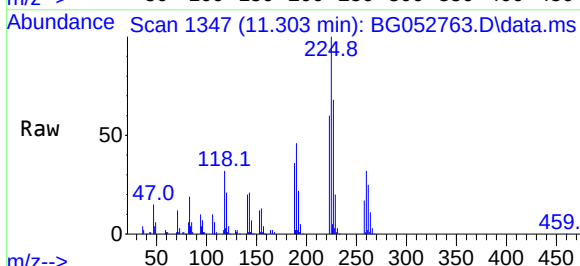
APPROVED

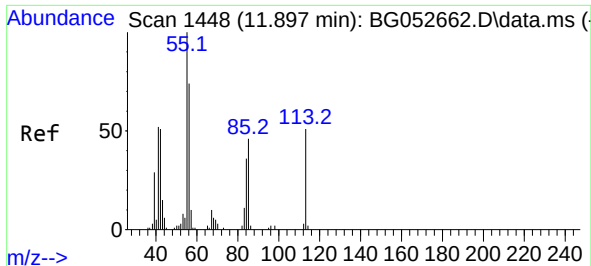
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 43.103 ng
RT: 11.303 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

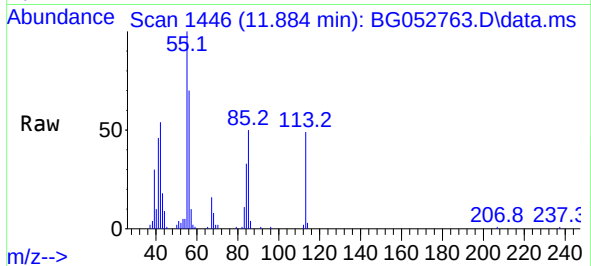
Tgt Ion:225	Resp: 99852
Ion Ratio	Lower Upper
225 100	
223 60.3	50.2 75.2
227 67.7	52.0 78.0





#35
Caprolactam
Concen: 53.693 ng m
RT: 11.884 min Scan# 14
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

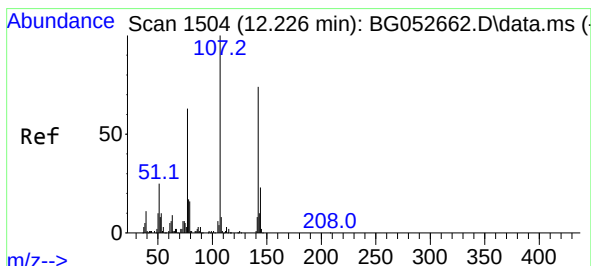
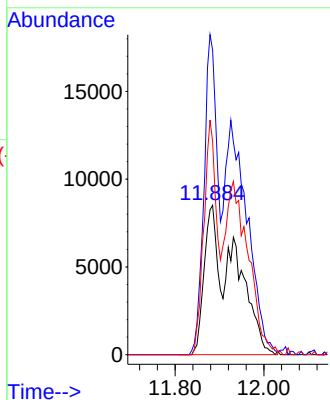
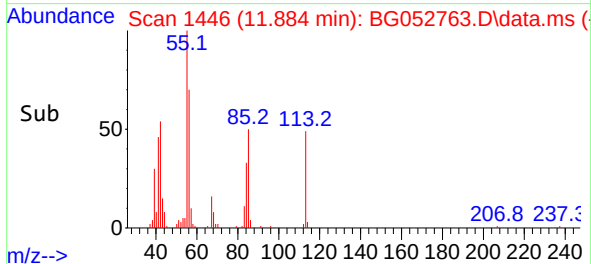
Instrument :
BNA_G
ClientSampleId :
PB143444BS



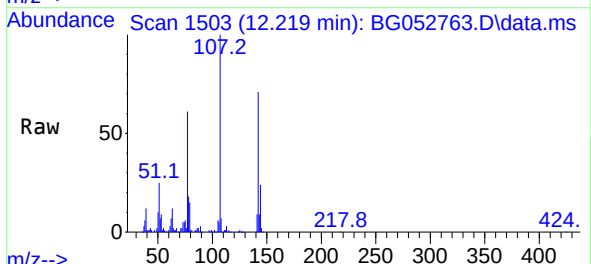
Tgt Ion:113 Resp: 40150
Ion Ratio Lower Upper
113 100
55 204.1 151.3 191.3
56 142.8 128.5 168.5

Manual Integrations
APPROVED

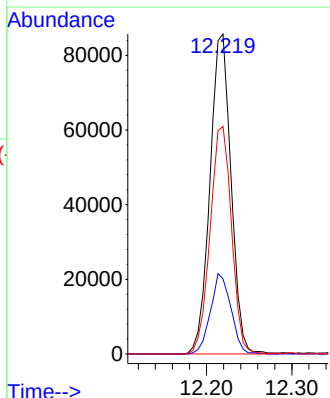
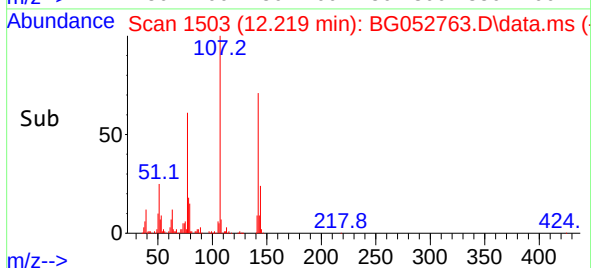
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

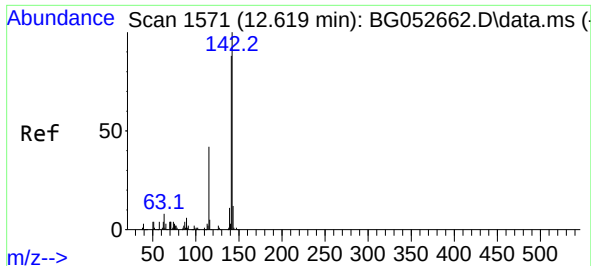


#36
4-Chloro-3-methylphenol
Concen: 46.235 ng
RT: 12.219 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:107 Resp: 147054
Ion Ratio Lower Upper
107 100
144 23.5 21.4 32.0
142 71.1 61.7 92.5





#37
2-Methylnaphthalene
Concen: 42.556 ng
RT: 12.607 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

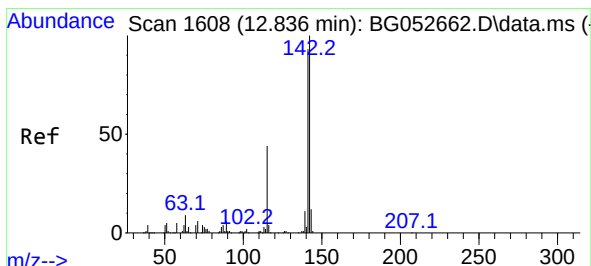
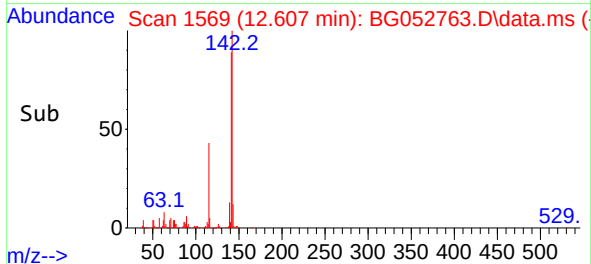
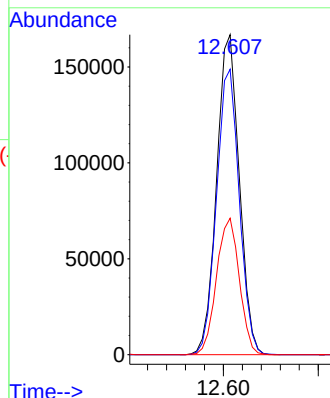
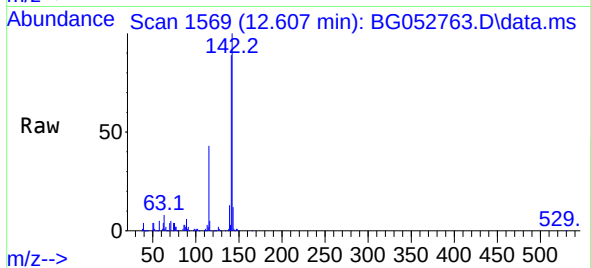
PB143444BS

Tgt Ion:142 Resp: 276972
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 42.7 29.5 44.3

Manual Integrations

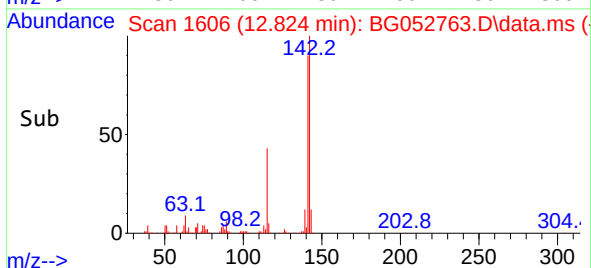
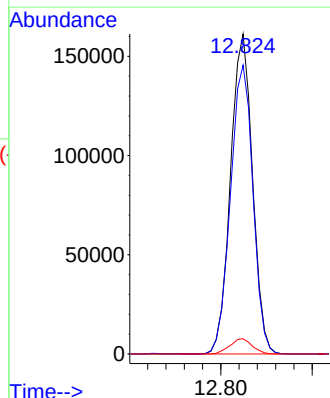
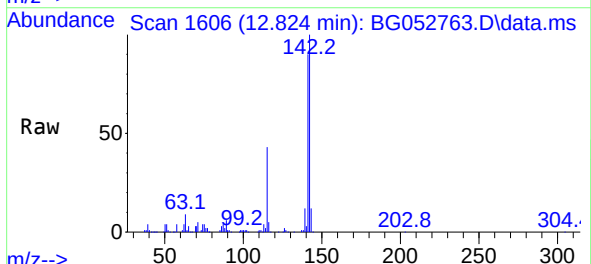
APPROVED

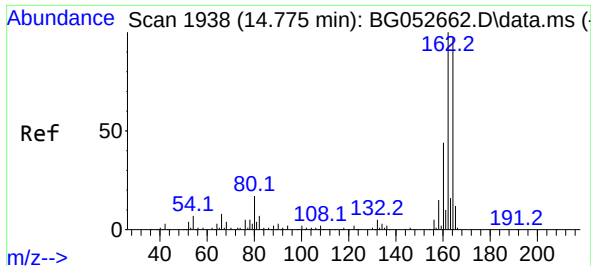
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#38
1-Methylnaphthalene
Concen: 42.285 ng m
RT: 12.824 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:142 Resp: 268590
Ion Ratio Lower Upper
142 100
141 90.2 70.5 105.7
116 4.7 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

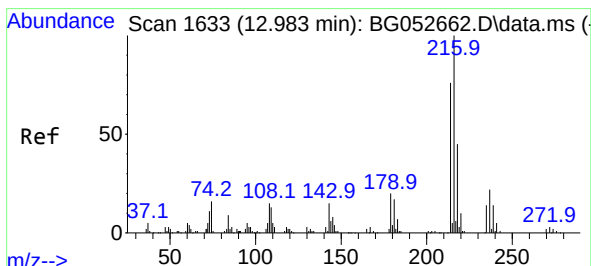
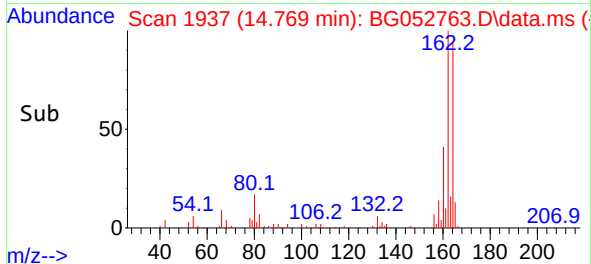
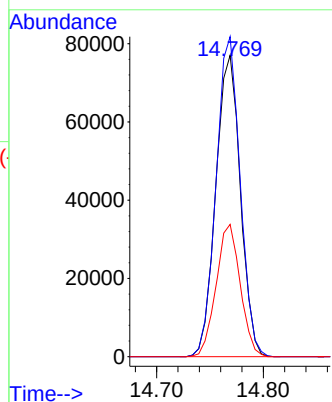
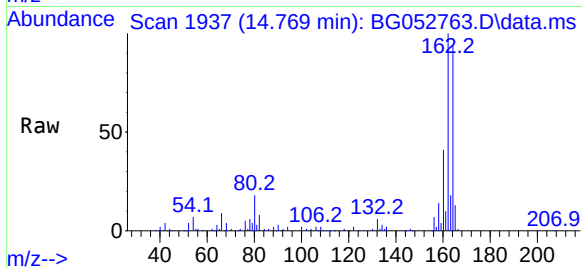
PB143444BS

Tgt Ion:164 Resp: 122919
Ion Ratio Lower Upper
164 100
162 106.2 80.0 120.0
160 43.9 38.8 58.2

Manual Integrations

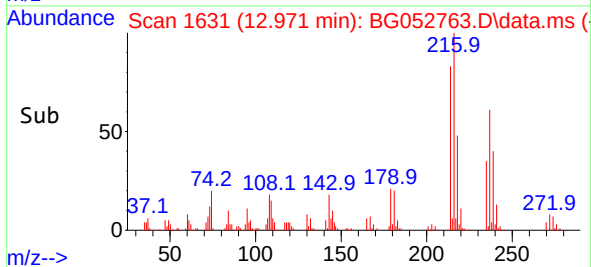
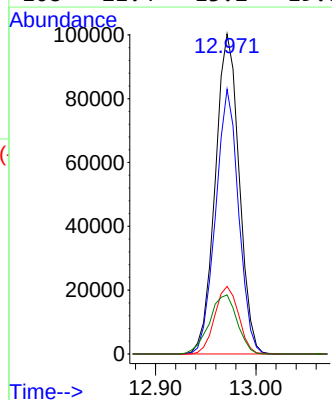
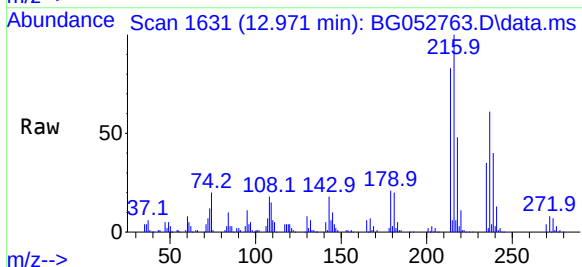
APPROVED

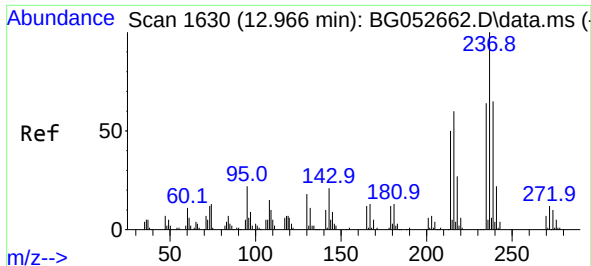
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.182 ng
RT: 12.971 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:216 Resp: 165828
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 21.0 15.7 23.5
108 21.4 13.2 19.8





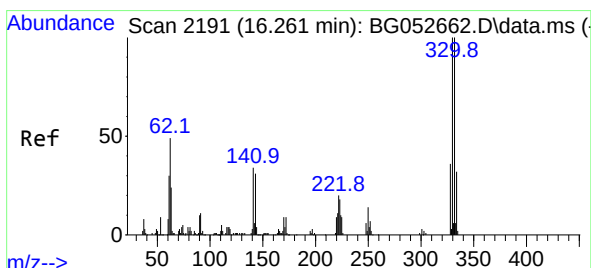
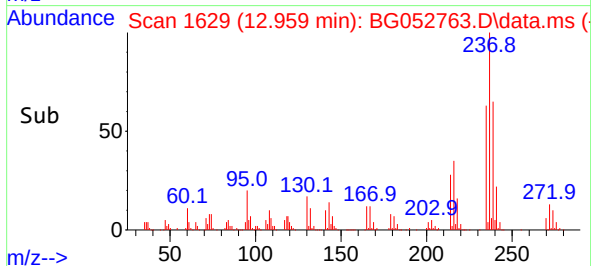
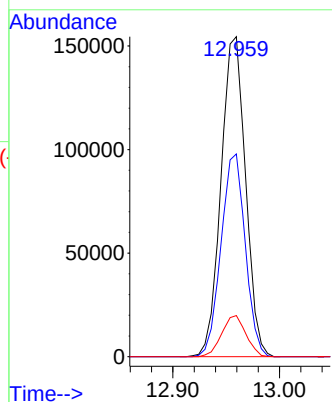
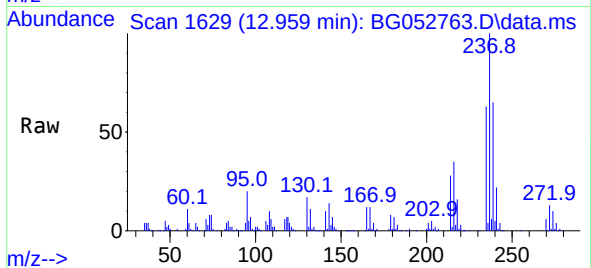
#41
Hexachlorocyclopentadiene
Concen: 108.423 ng
RT: 12.959 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:237 Resp: 246800
Ion Ratio Lower Upper
237 100
235 63.3 37.7 77.7
272 12.9 0.0 30.7

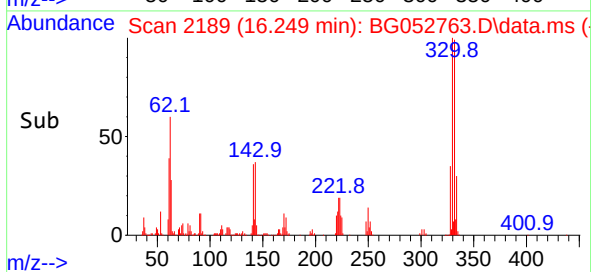
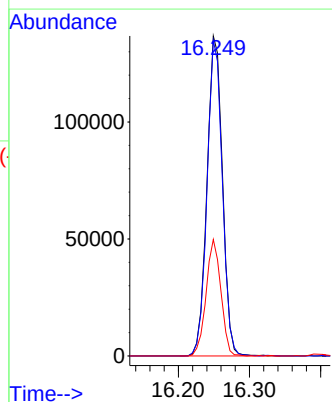
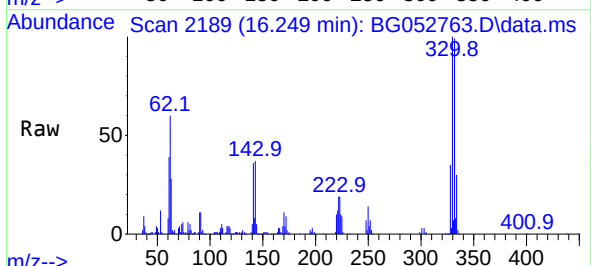
Manual Integrations
APPROVED

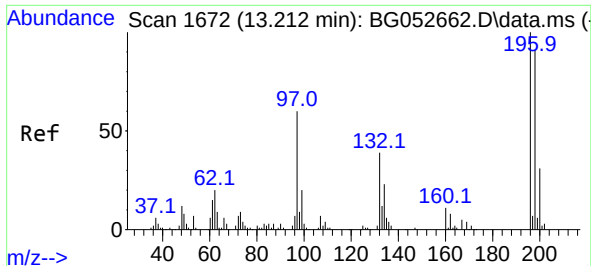
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#42
2,4,6-Tribromophenol
Concen: 125.393 ng
RT: 16.249 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:330 Resp: 207112
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 34.9 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 47.347 ng
RT: 13.200 min Scan# 1670
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

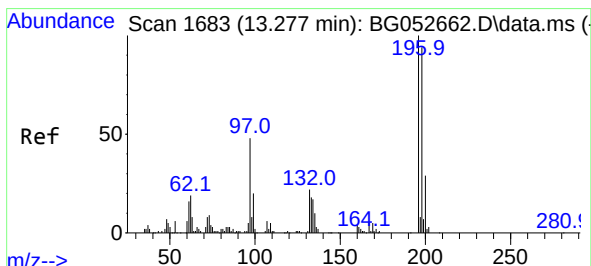
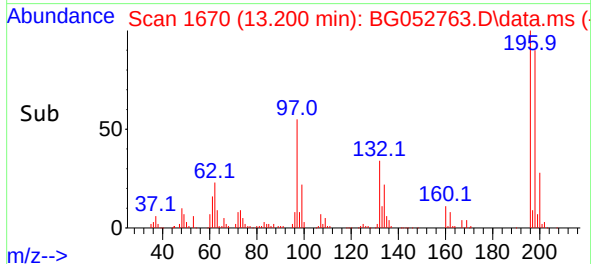
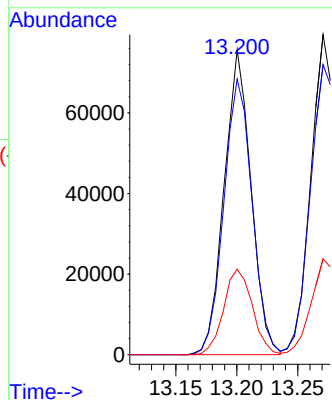
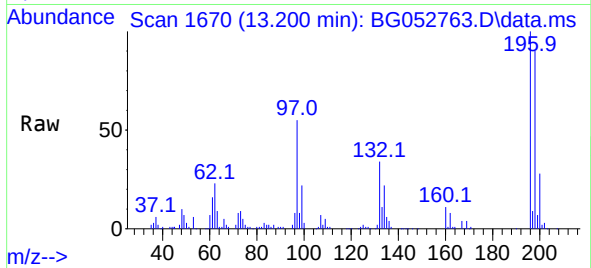
PB143444BS

Tgt Ion:196 Resp: 116440
Ion Ratio Lower Upper
196 100
198 90.3 78.8 118.2
200 28.0 25.1 37.7

Manual Integrations

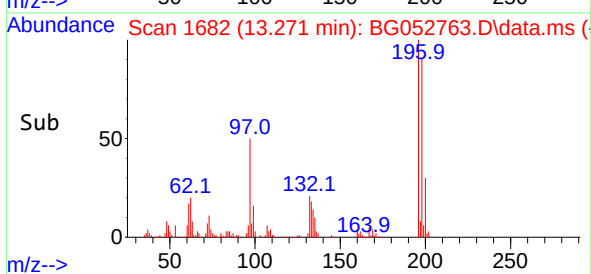
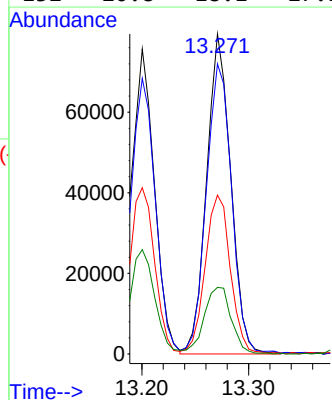
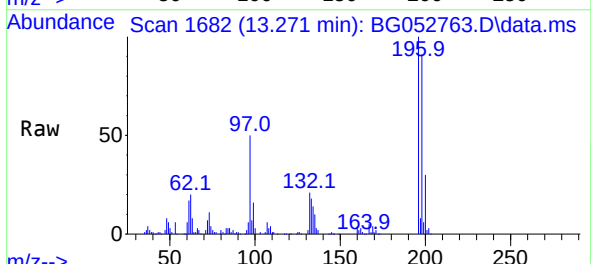
APPROVED

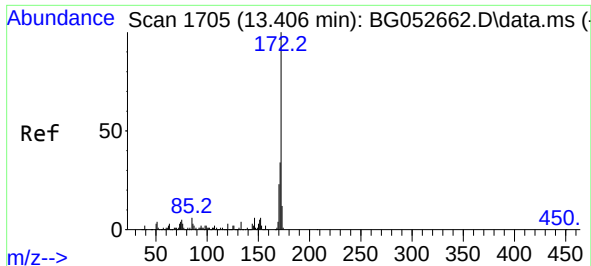
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#44
2,4,5-Trichlorophenol
Concen: 50.122 ng
RT: 13.271 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:196 Resp: 125114
Ion Ratio Lower Upper
196 100
198 90.7 75.8 113.6
97 49.7 36.5 54.7
132 20.8 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 82.033 ng
RT: 13.394 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

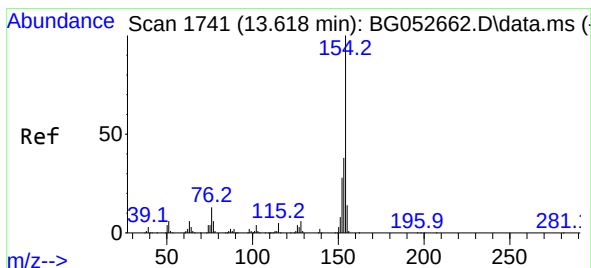
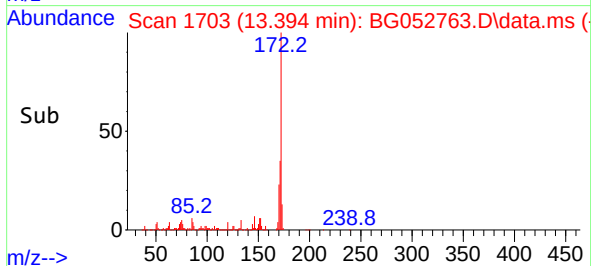
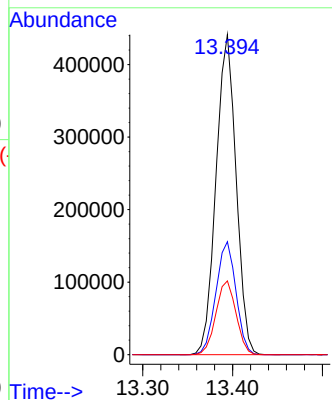
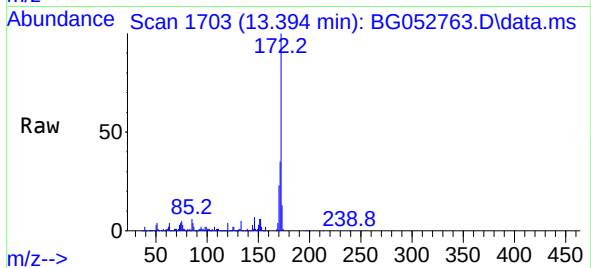
PB143444BS

Tgt Ion:172 Resp: 68369
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.0 27.0

Manual Integrations

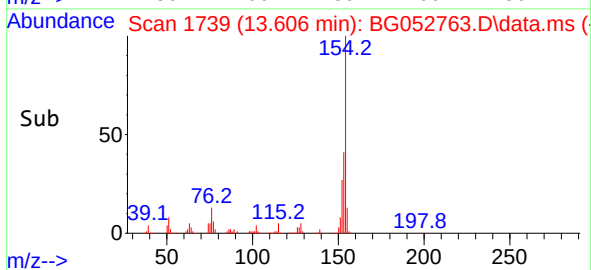
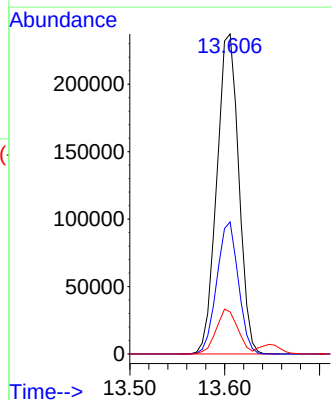
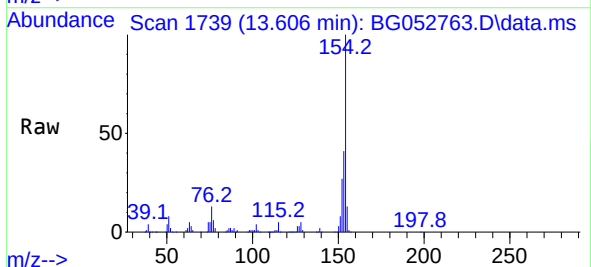
APPROVED

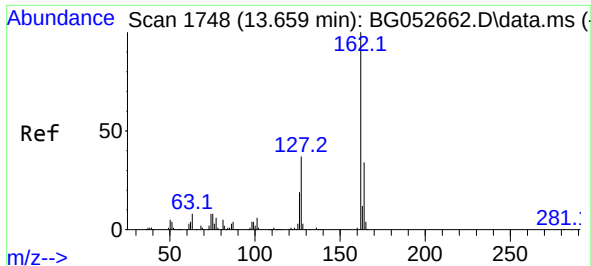
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#46
1,1'-Biphenyl
Concen: 44.369 ng
RT: 13.606 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:154 Resp: 381404
Ion Ratio Lower Upper
154 100
153 41.2 21.6 61.6
76 13.1 0.0 31.5





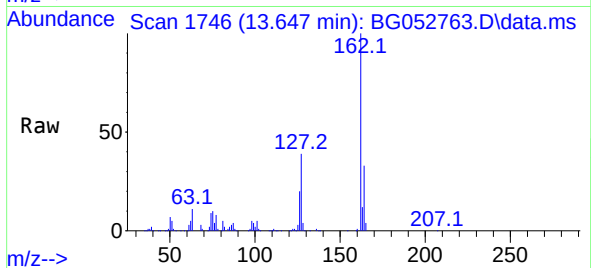
#47
2-Chloronaphthalene
Concen: 43.775 ng
RT: 13.647 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

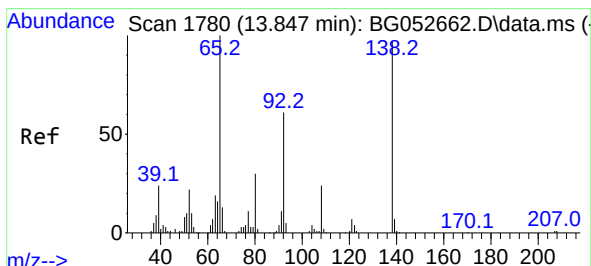
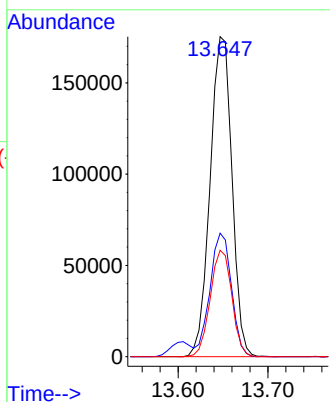
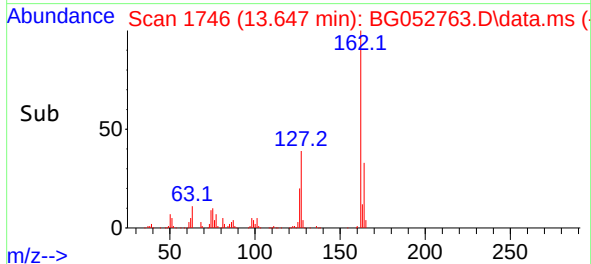


Tgt Ion:162 Resp: 296340
Ion Ratio Lower Upper
162 100
127 38.6 28.1 42.1
164 33.2 26.0 39.0

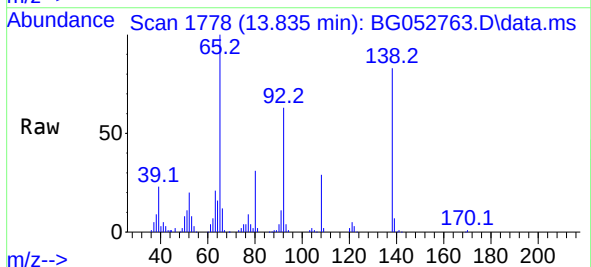
Manual Integrations

APPROVED

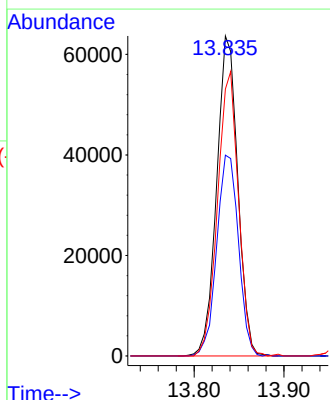
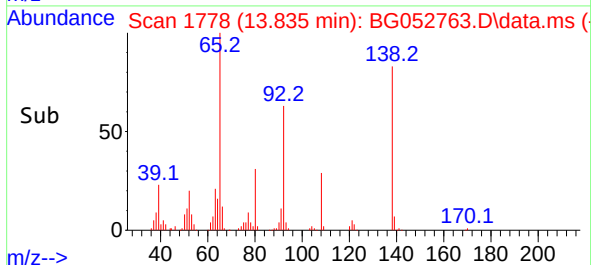
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

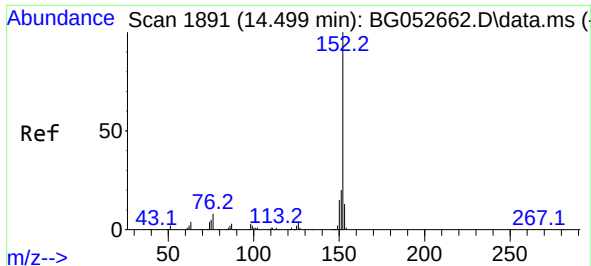


#48
2-Nitroaniline
Concen: 55.967 ng
RT: 13.835 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion: 65 Resp: 103617
Ion Ratio Lower Upper
65 100
92 62.7 52.1 78.1
138 83.4 80.1 120.1





#49
Acenaphthylene
Concen: 46.378 ng
RT: 14.493 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

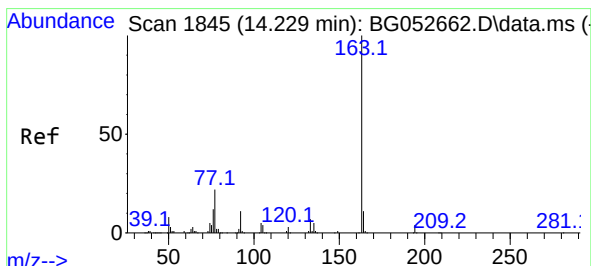
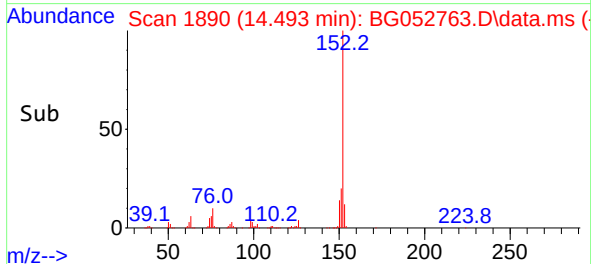
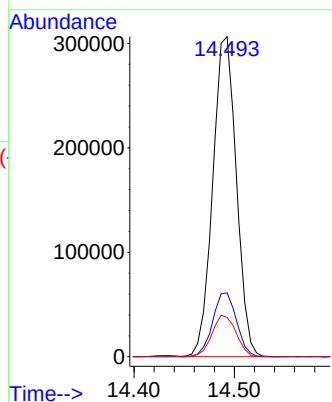
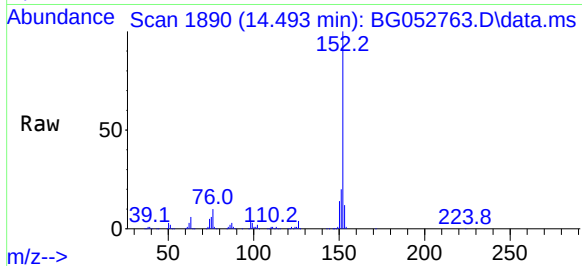
PB143444BS

Tgt Ion:152 Resp: 500488
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 12.2 10.6 15.8

Manual Integrations

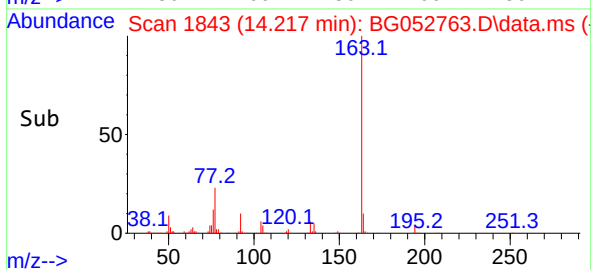
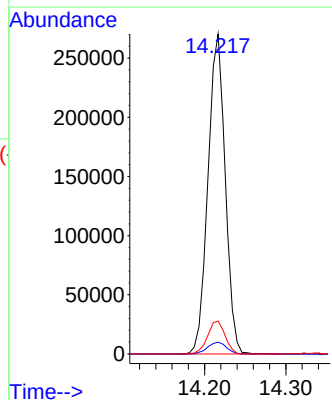
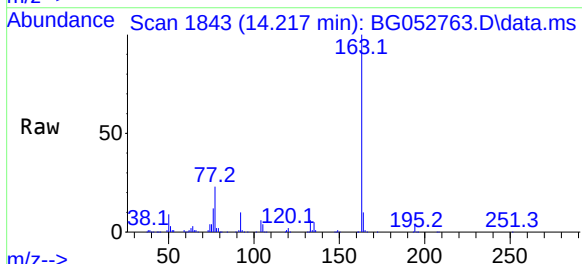
APPROVED

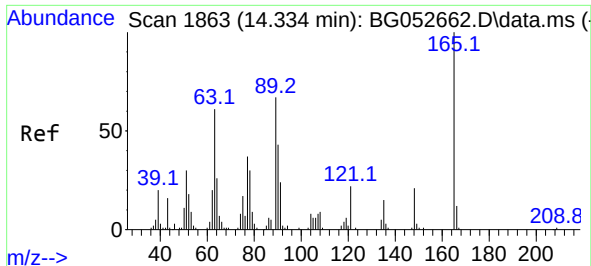
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#50
Dimethylphthalate
Concen: 43.558 ng
RT: 14.217 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:163 Resp: 397927
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 52.318 ng
RT: 14.328 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

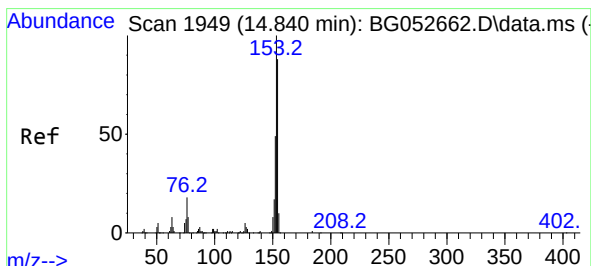
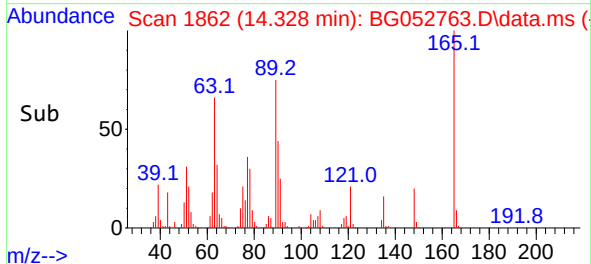
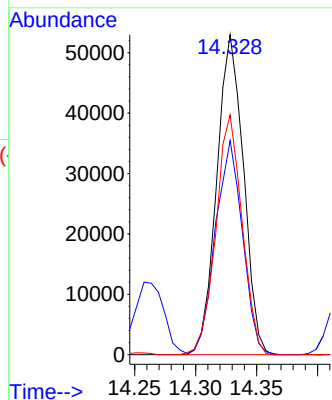
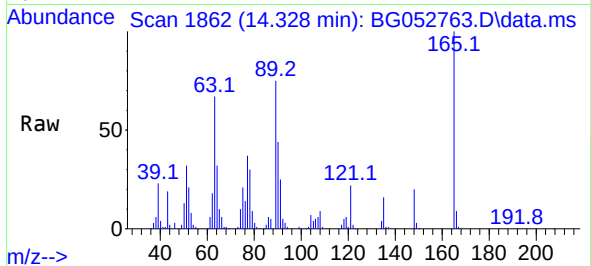
PB143444BS

Tgt Ion:165 Resp: 80690
Ion Ratio Lower Upper
165 100
63 66.9 43.7 65.5
89 74.9 45.0 67.4

Manual Integrations

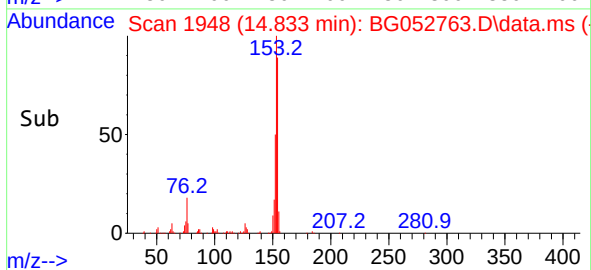
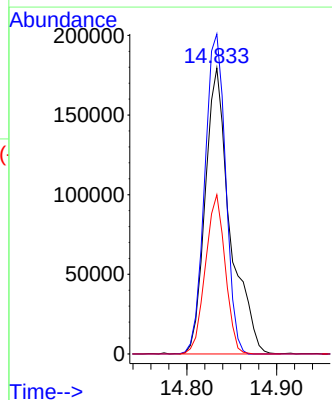
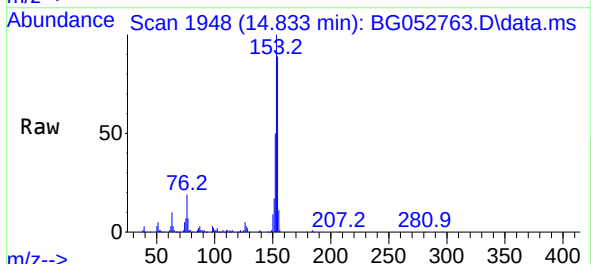
APPROVED

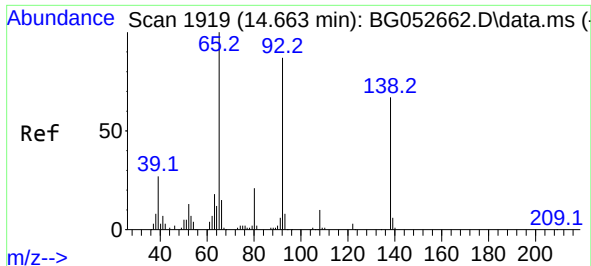
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#52
Acenaphthene
Concen: 49.972 ng
RT: 14.833 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:154 Resp: 345479
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.4
152 55.7 40.5 60.7





#53
3-Nitroaniline
Concen: 33.445 ng
RT: 14.657 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

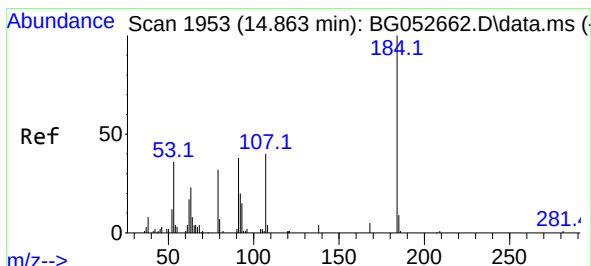
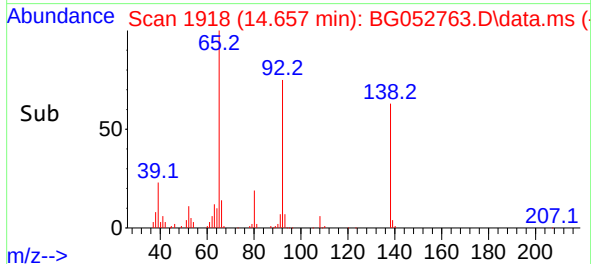
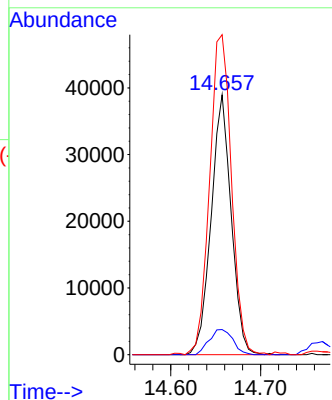
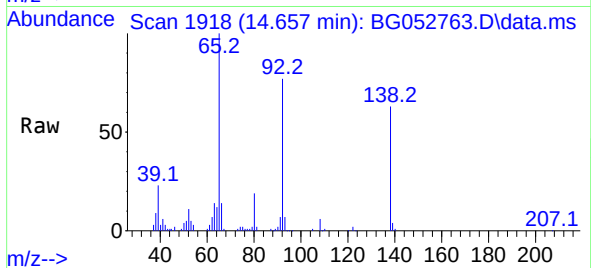
PB143444BS

Tgt Ion:138 Resp: 6036
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 123.1 96.2 144.2

Manual Integrations

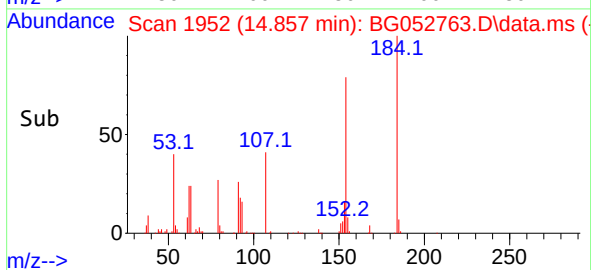
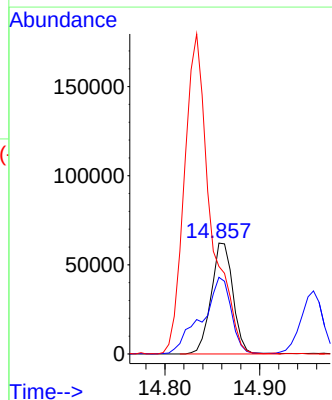
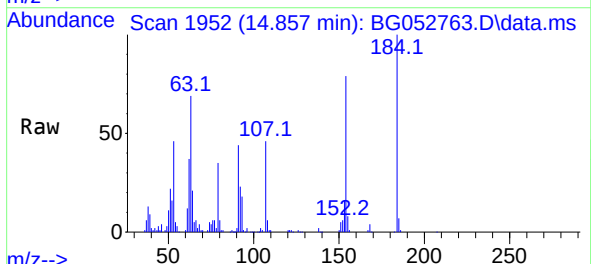
APPROVED

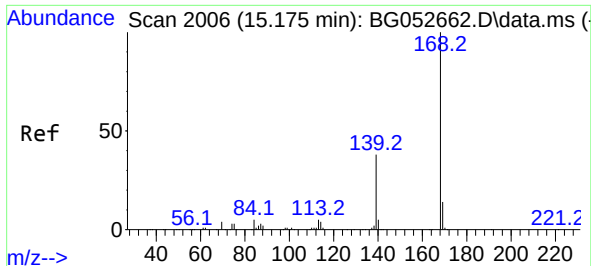
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#54
2,4-Dinitrophenol
Concen: 117.607 ng
RT: 14.857 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:184 Resp: 98878
Ion Ratio Lower Upper
184 100
63 69.1 51.8 77.6
154 78.8 47.8 71.6#





#55
Dibenzenofuran
Concen: 42.048 ng
RT: 15.162 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

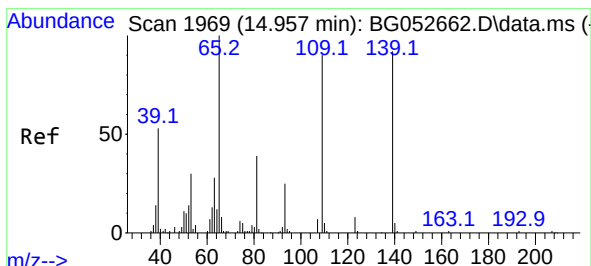
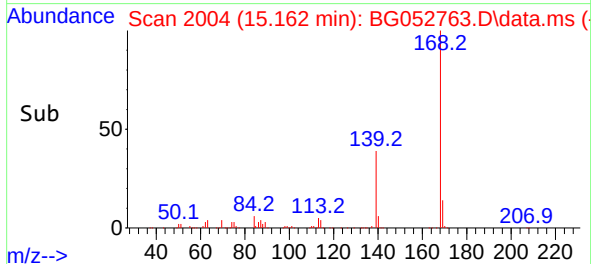
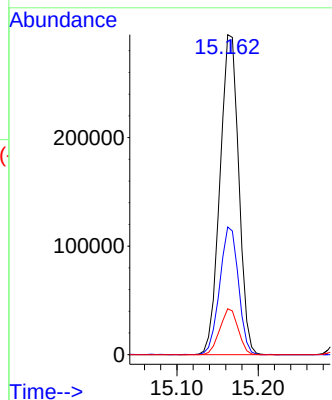
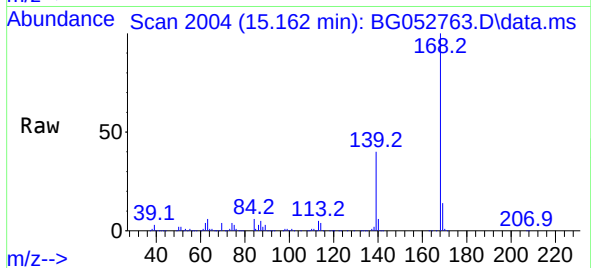
PB143444BS

Tgt Ion:168 Resp: 474714
Ion Ratio Lower Upper
168 100
139 39.9 30.2 45.4
169 14.3 10.7 16.1

Manual Integrations

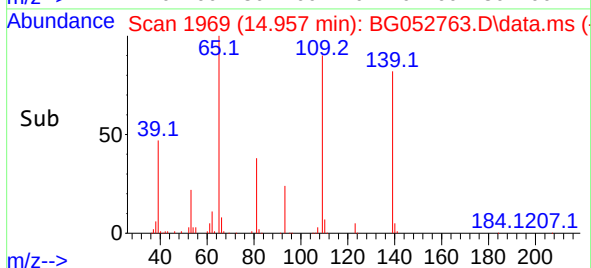
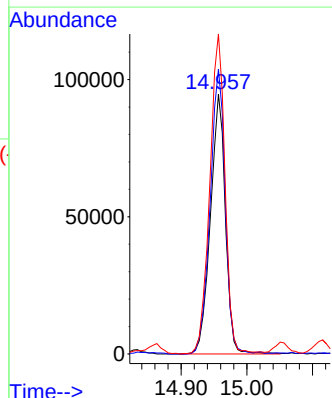
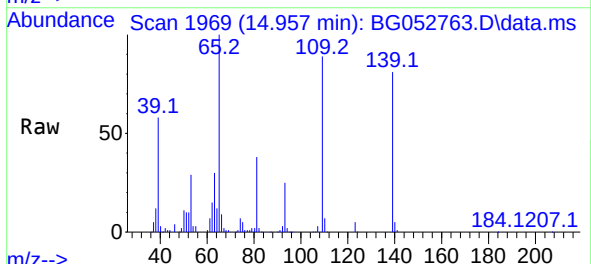
APPROVED

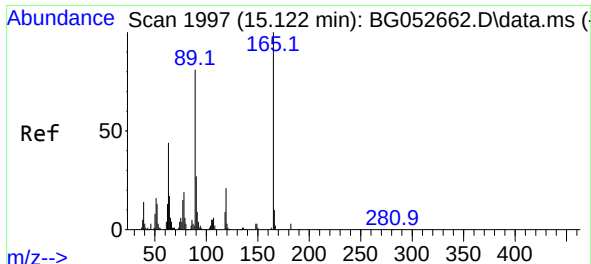
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#56
4-Nitrophenol
Concen: 101.870 ng
RT: 14.957 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:139 Resp: 149979
Ion Ratio Lower Upper
139 100
109 109.7 67.1 107.1#
65 123.1 88.2 128.2





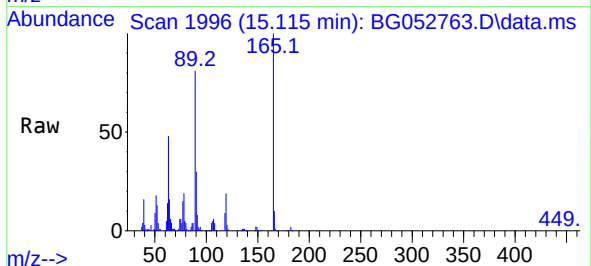
#57
2,4-Dinitrotoluene
Concen: 55.316 ng
RT: 15.115 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

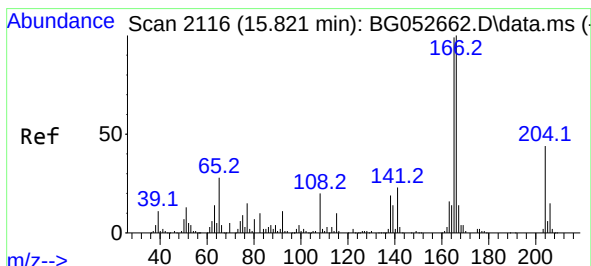
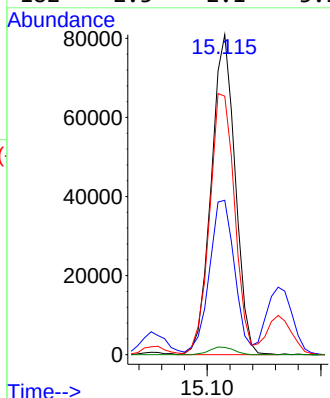
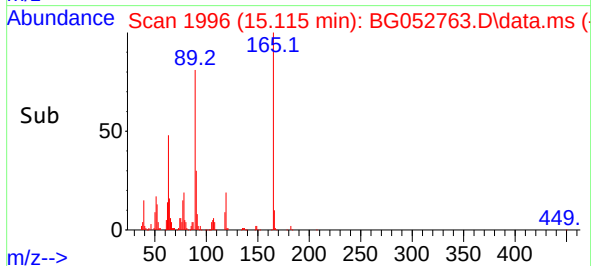


Tgt Ion:165 Resp: 11838
Ion Ratio Lower Upper
165 100
63 48.2 34.8 52.2
89 80.8 57.4 86.0
182 2.3 2.1 3.1

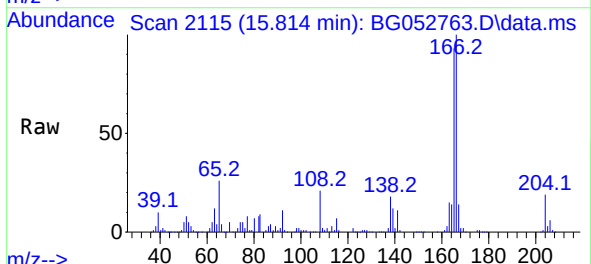
Manual Integrations

APPROVED

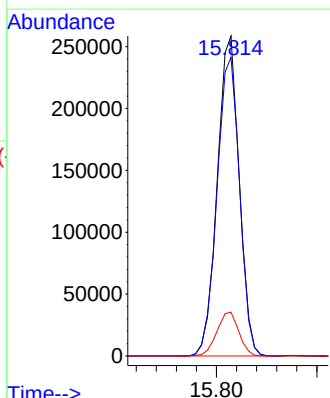
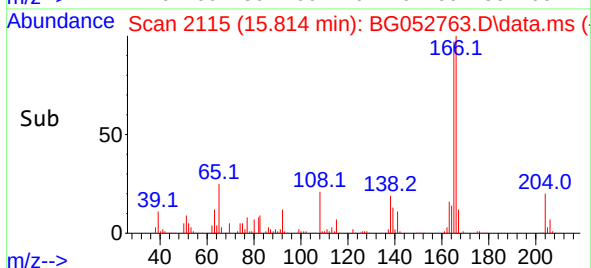
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

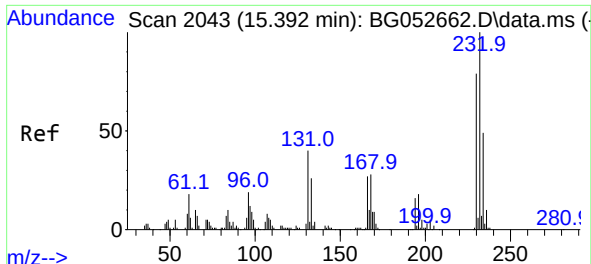


#58
Fluorene
Concen: 42.421 ng
RT: 15.814 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:166 Resp: 390403
Ion Ratio Lower Upper
166 100
165 93.3 78.6 117.8
167 13.7 10.9 16.3





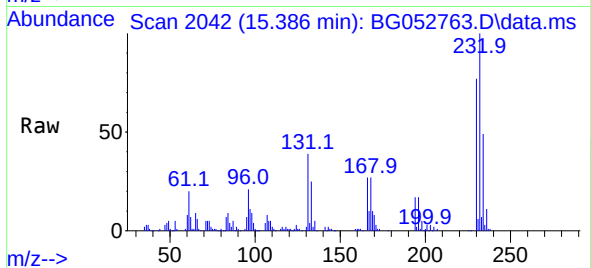
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.971 ng
RT: 15.386 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

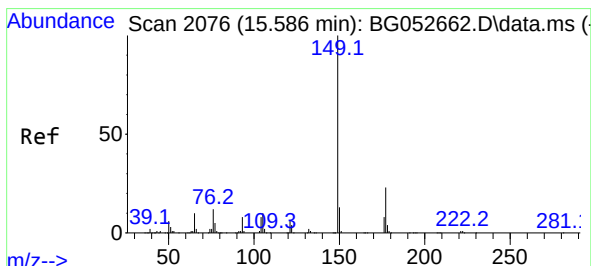
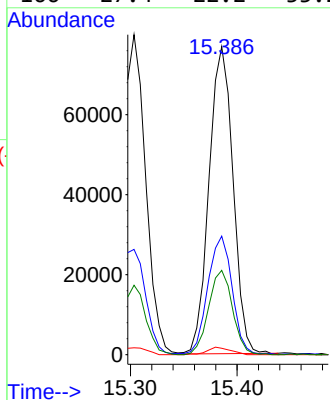
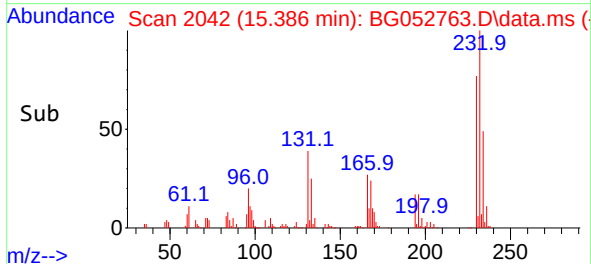


Tgt Ion:232 Resp: 119980
Ion Ratio Lower Upper
232 100
131 39.3 30.1 45.1
130 2.4 1.8 2.8
166 27.4 22.2 33.2

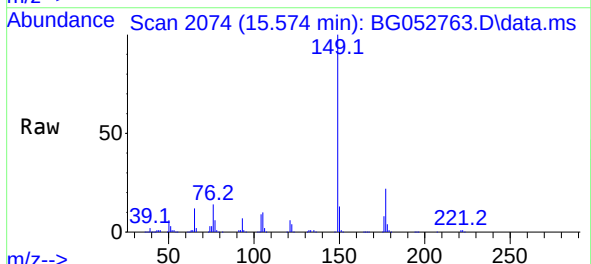
Manual Integrations

APPROVED

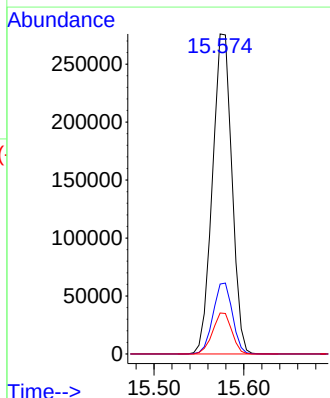
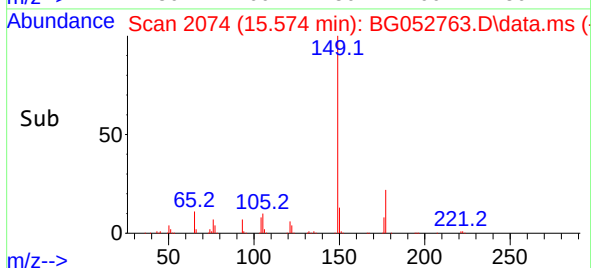
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

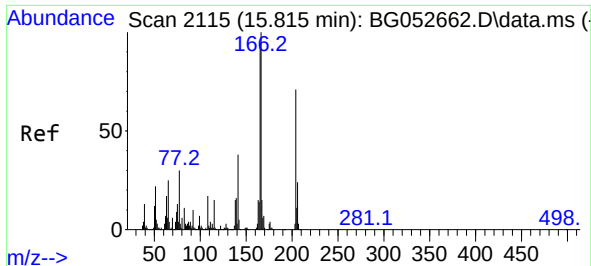


#60
Diethylphthalate
Concen: 43.002 ng
RT: 15.574 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:149 Resp: 414680
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.8 9.9 14.9





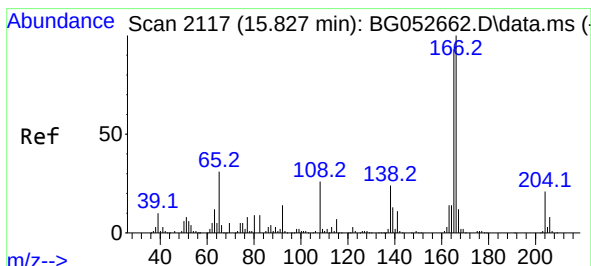
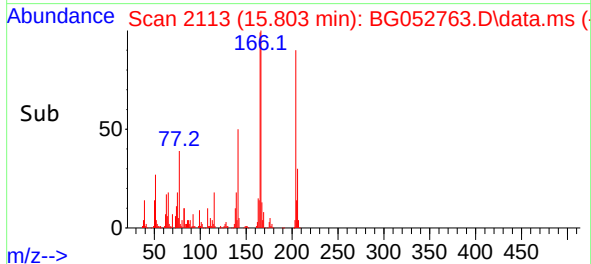
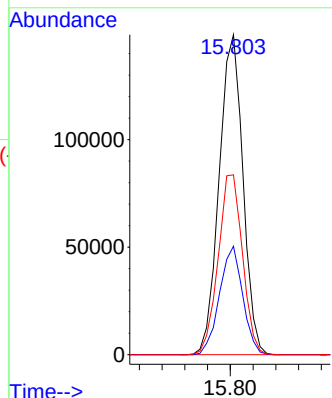
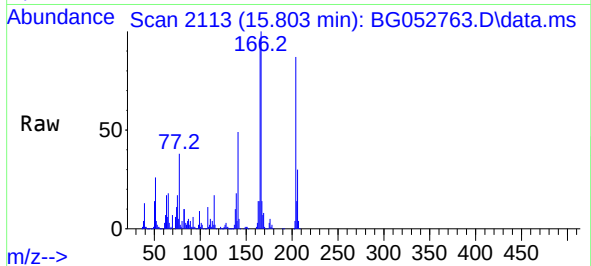
#61
4-Chlorophenyl-phenylether
Concen: 42.512 ng
RT: 15.803 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:204 Resp: 21576
Ion Ratio Lower Upper
204 100
206 33.9 28.3 42.5
141 56.2 45.8 68.8

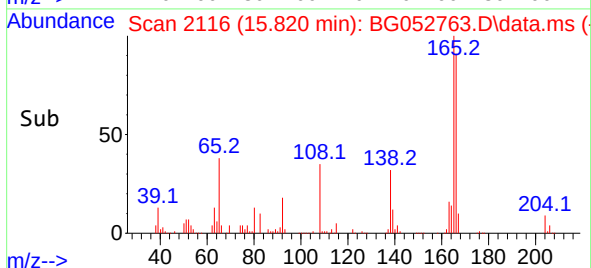
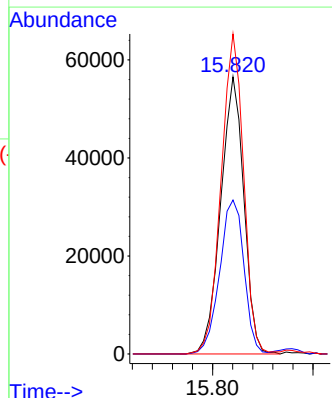
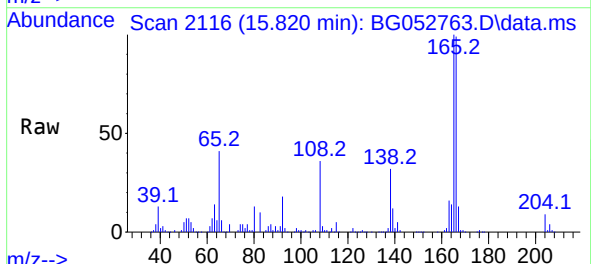
Manual Integrations
APPROVED

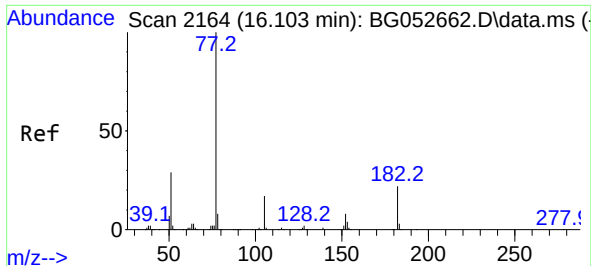
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#62
4-Nitroaniline
Concen: 47.547 ng
RT: 15.820 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

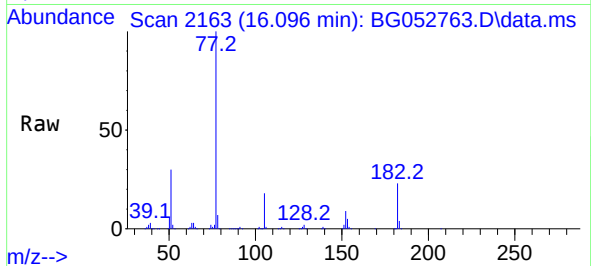
Tgt Ion:138 Resp: 90677
Ion Ratio Lower Upper
138 100
92 55.5 33.3 73.3
108 115.4 74.2 114.2#





#63
Azobenzene
Concen: 42.792 ng
RT: 16.096 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

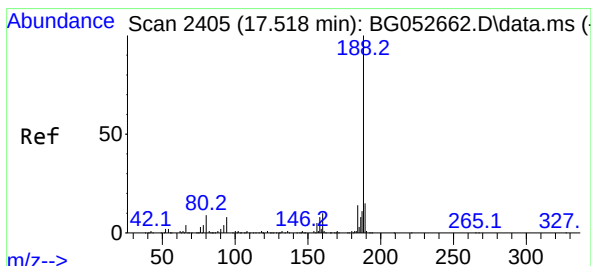
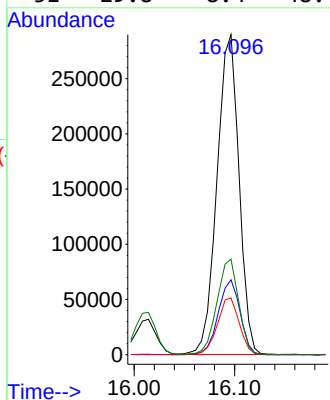
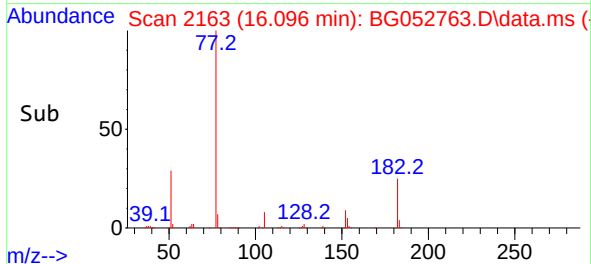
Instrument :
BNA_G
ClientSampleId :
PB143444BS



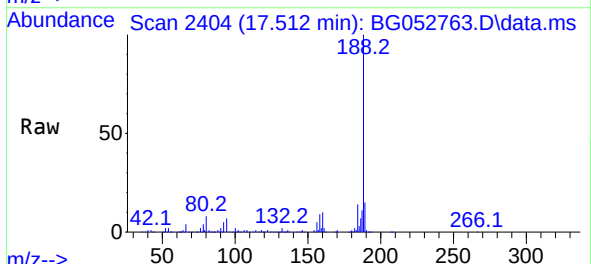
Tgt Ion: 77 Resp: 441049
Ion Ratio Lower Upper
77 100
182 23.4 5.6 45.6
105 17.8 0.0 38.8
51 29.8 8.4 48.4

Manual Integrations
APPROVED

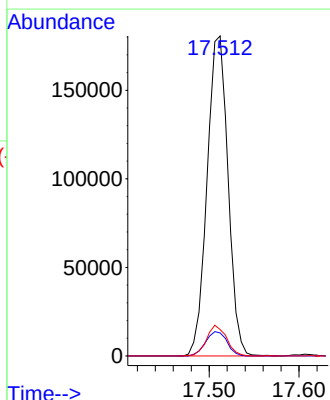
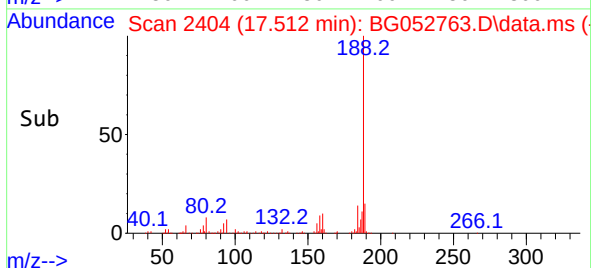
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

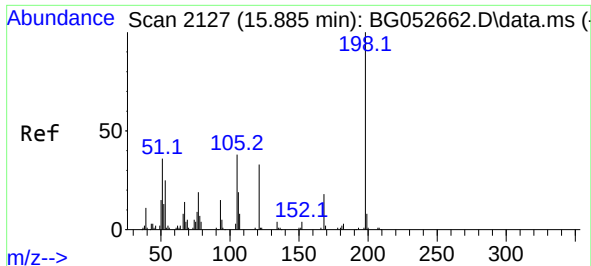


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.512 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:188 Resp: 292509
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.2 7.2 10.8





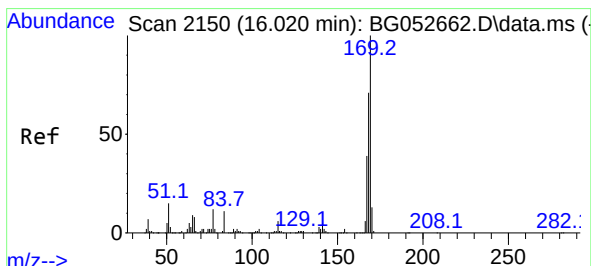
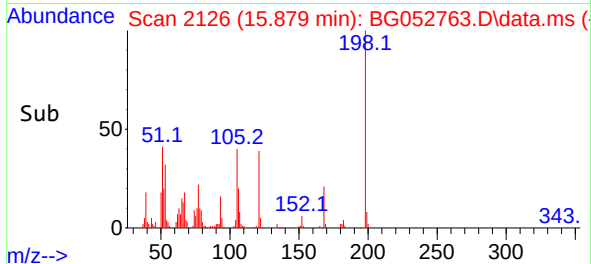
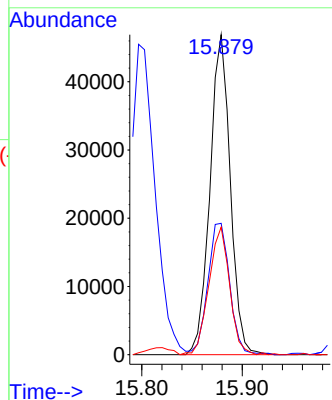
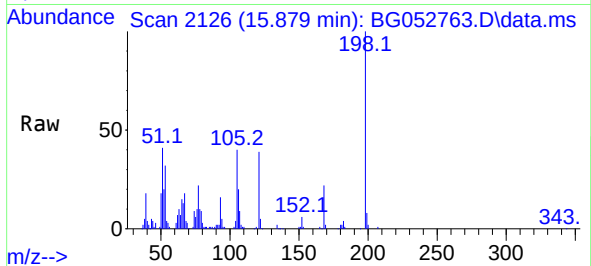
#65
4,6-Dinitro-2-methylphenol
Concen: 50.714 ng
RT: 15.879 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:198 Resp: 66134
Ion Ratio Lower Upper
198 100
51 41.1 21.7 61.7
105 39.9 20.8 60.8

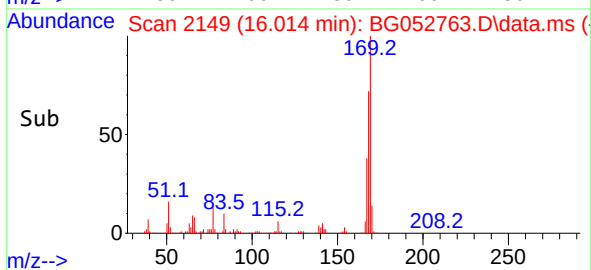
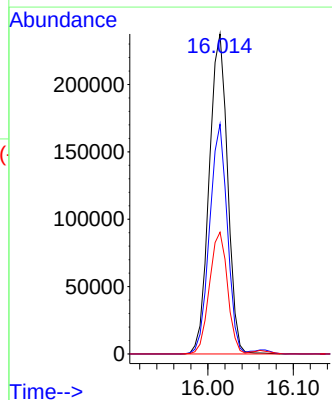
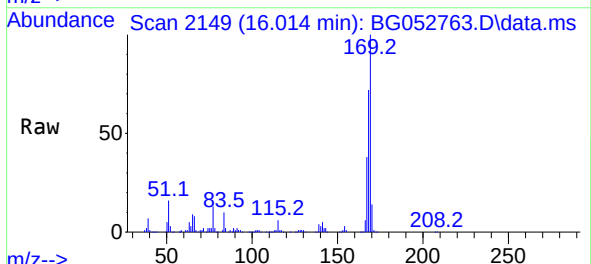
Manual Integrations
APPROVED

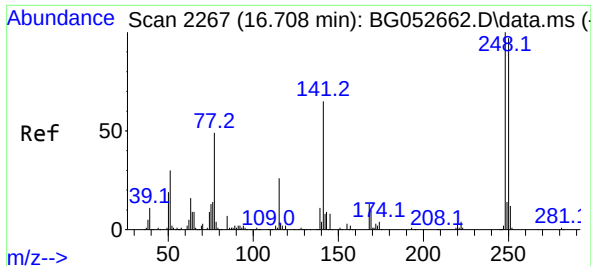
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#66
n-Nitrosodiphenylamine
Concen: 43.130 ng
RT: 16.014 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:169 Resp: 355176
Ion Ratio Lower Upper
169 100
168 71.8 54.5 81.7
167 38.1 29.6 44.4





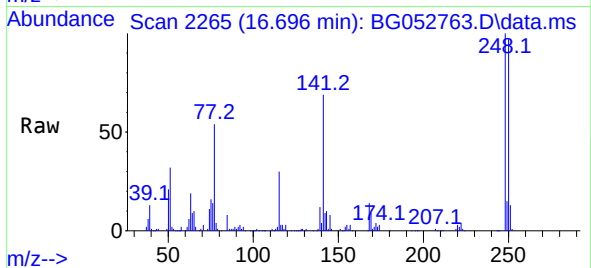
#67
4-Bromophenyl-phenylether
Concen: 41.493 ng
RT: 16.696 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

PB143444BS

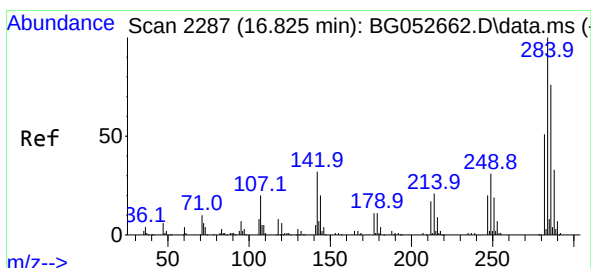
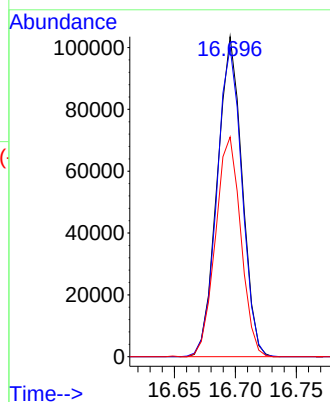
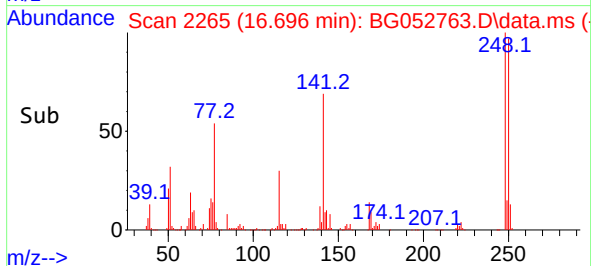


Tgt Ion:248 Resp: 146329
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 68.7 49.2 73.8

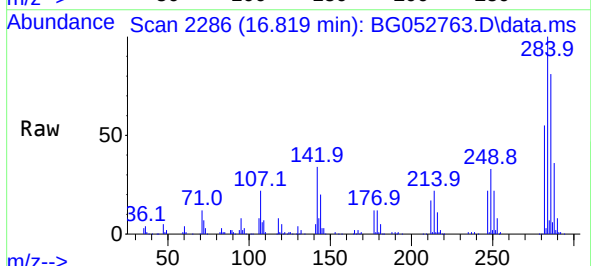
Manual Integrations

APPROVED

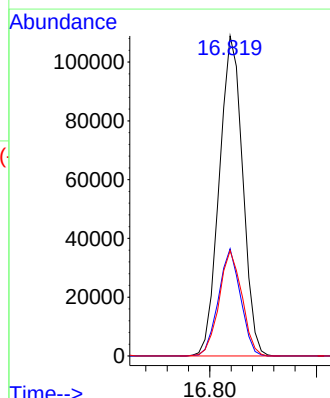
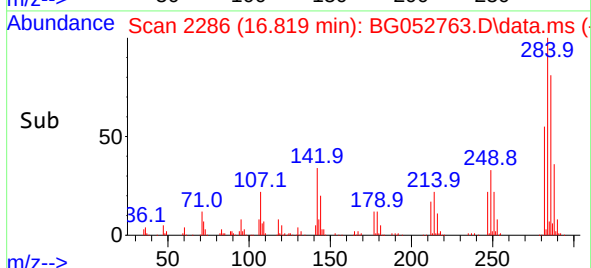
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

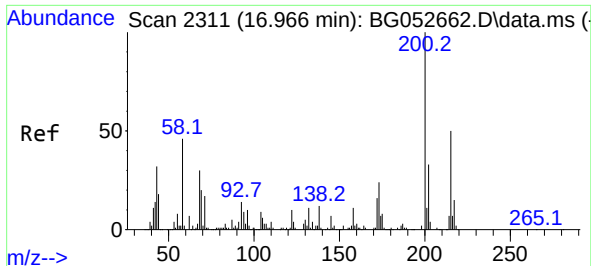


#68
Hexachlorobenzene
Concen: 43.713 ng
RT: 16.819 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



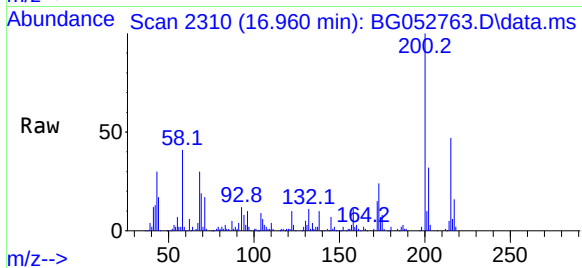
Tgt Ion:284 Resp: 165698
Ion Ratio Lower Upper
284 100
142 33.5 21.0 31.4#
249 32.9 22.7 34.1





#69
 Atrazine
 Concen: 48.827 ng
 RT: 16.960 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG052763.D
 Acq: 21 Mar 2022 11:19

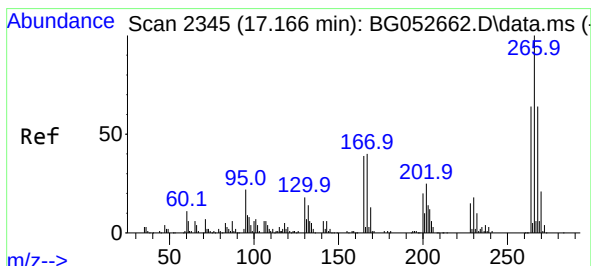
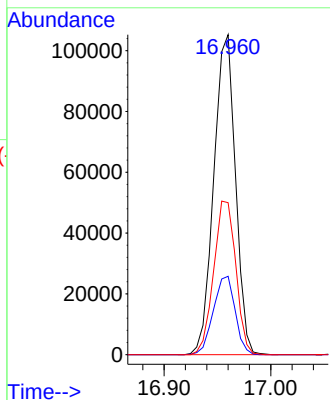
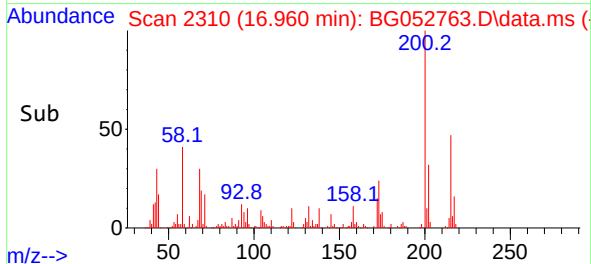
Instrument :
 BNA_G
 ClientSampleId :
 PB143444BS



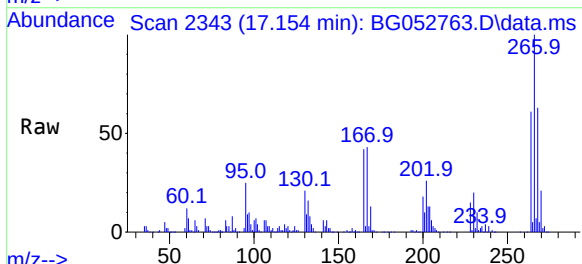
Tgt Ion:200 Resp: 14826
 Ion Ratio Lower Upper
 200 100
 173 24.5 3.8 43.8
 215 47.5 26.3 66.3

Manual Integrations
 APPROVED

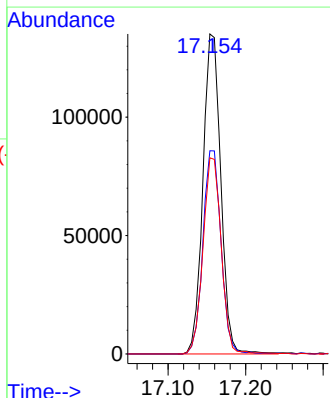
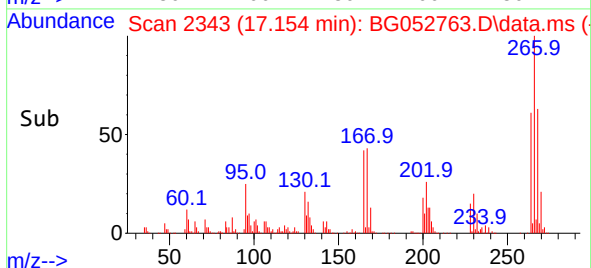
Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022

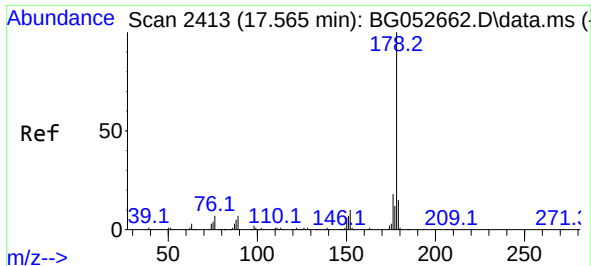


#70
 Pentachlorophenol
 Concen: 92.063 ng
 RT: 17.154 min Scan# 2343
 Delta R.T. -0.012 min
 Lab File: BG052763.D
 Acq: 21 Mar 2022 11:19



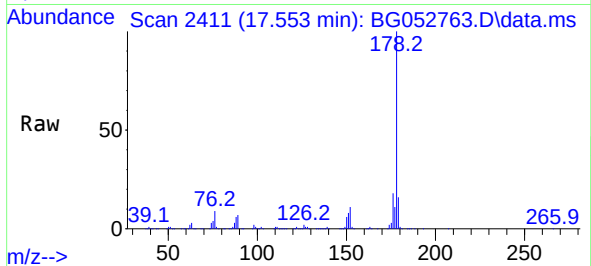
Tgt Ion:266 Resp: 216500
 Ion Ratio Lower Upper
 266 100
 268 63.5 45.9 68.9
 264 61.3 45.3 67.9





#71
Phenanthrene
Concen: 44.239 ng
RT: 17.553 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

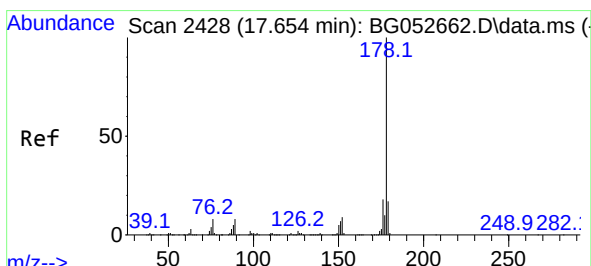
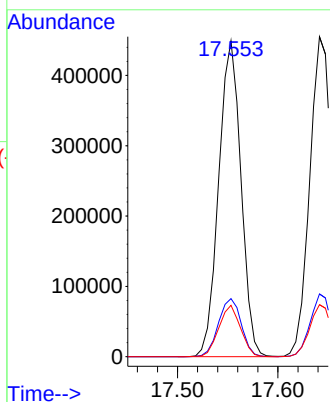
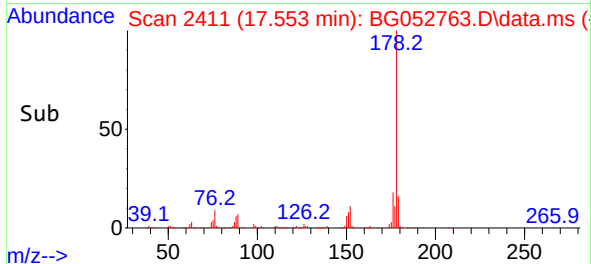
Instrument :
BNA_G
ClientSampleId :
PB143444BS



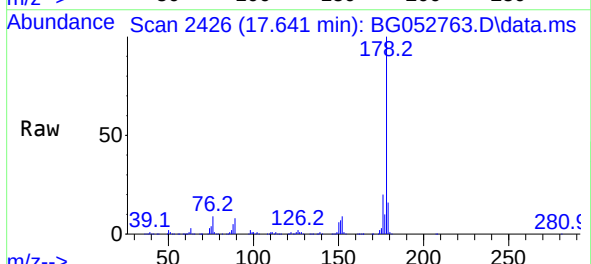
Tgt Ion:178 Resp: 692275
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 16.3 13.4 20.2

Manual Integrations
APPROVED

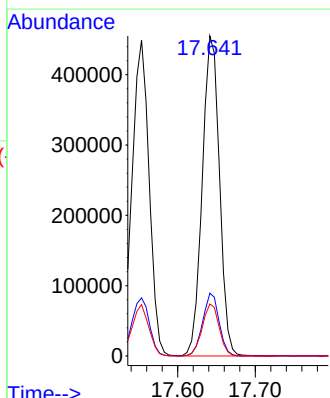
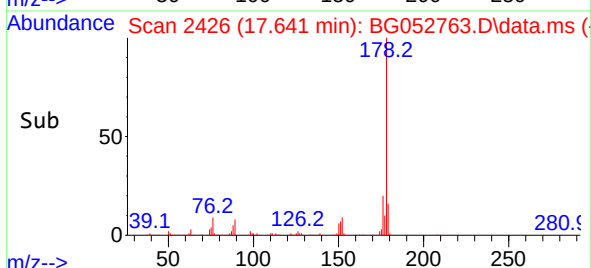
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

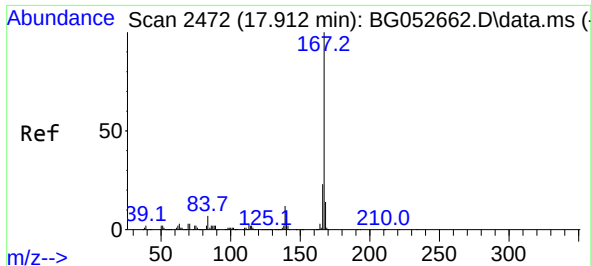


#72
Anthracene
Concen: 45.353 ng
RT: 17.641 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:178 Resp: 701581
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 16.2 13.2 19.8





#73
 Carbazole
 Concen: 43.472 ng
 RT: 17.906 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BG052763.D
 Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

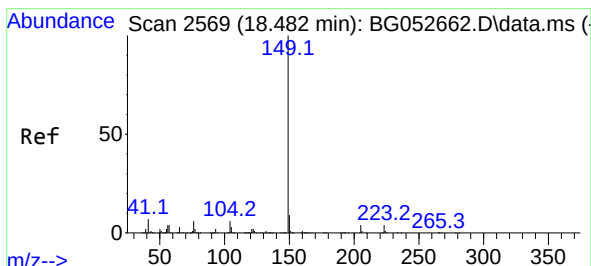
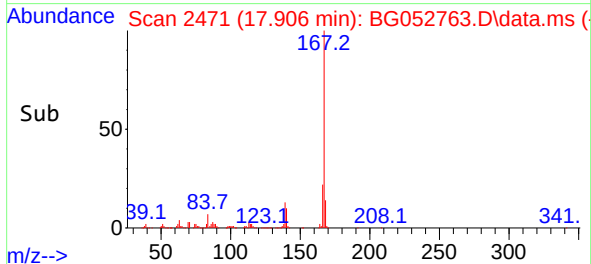
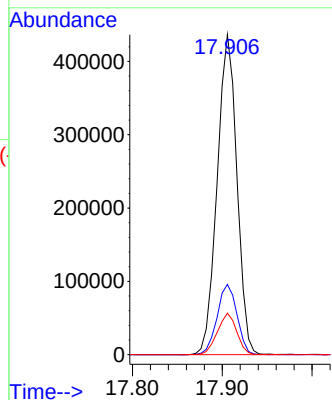
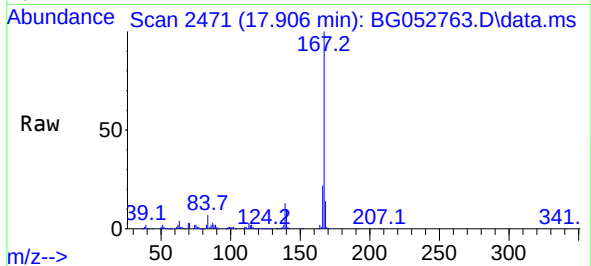
PB143444BS

Tgt Ion:167 Resp: 666020
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.5 27.7
 139 13.0 10.0 15.0

Manual Integrations

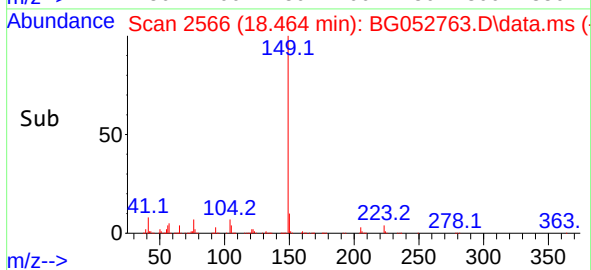
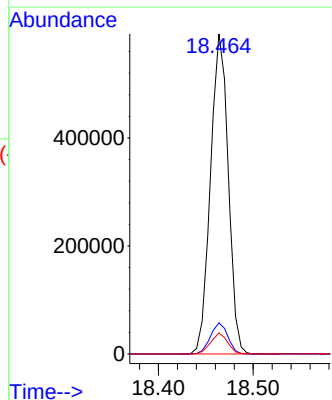
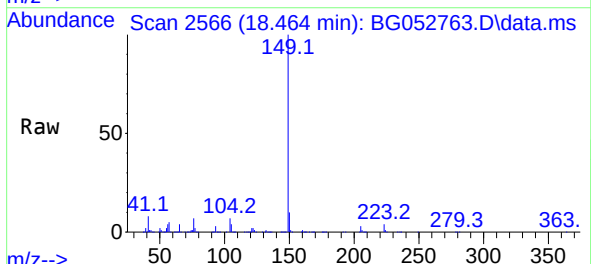
APPROVED

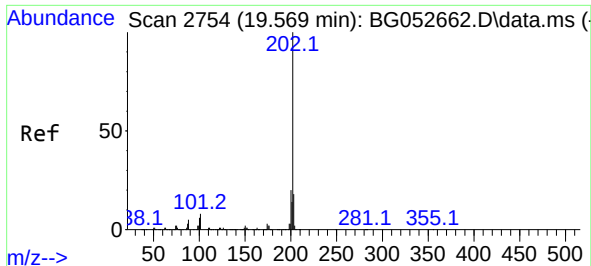
Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#74
 Di-n-butylphthalate
 Concen: 45.944 ng
 RT: 18.464 min Scan# 2566
 Delta R.T. -0.018 min
 Lab File: BG052763.D
 Acq: 21 Mar 2022 11:19

Tgt Ion:149 Resp: 768980
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.0 10.6
 104 6.6 4.6 7.0





#75
Fluoranthene
Concen: 47.080 ng
RT: 19.556 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

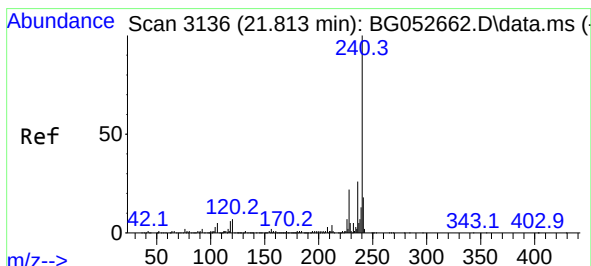
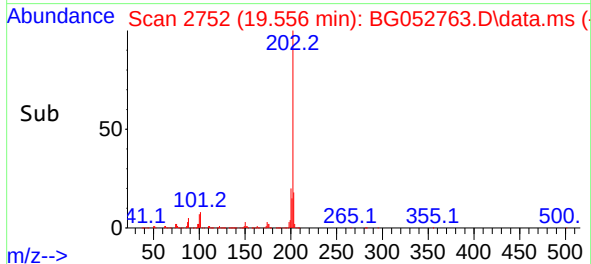
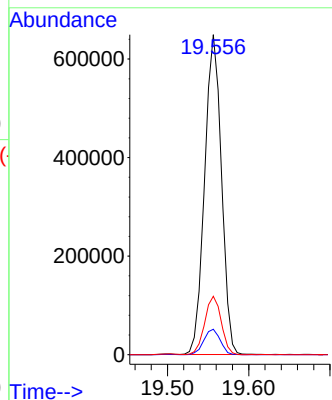
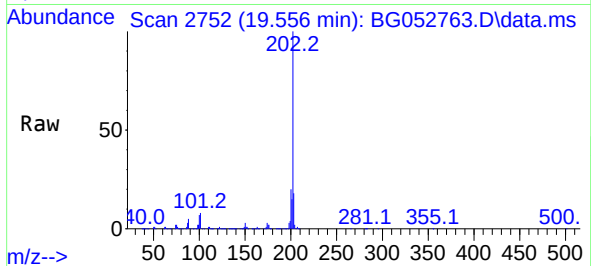
PB143444BS

Tgt Ion:202 Resp: 93517
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.3
203 18.3 0.0 37.7

Manual Integrations

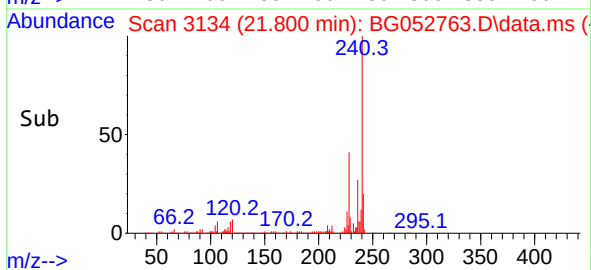
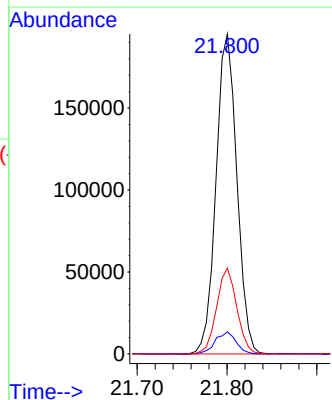
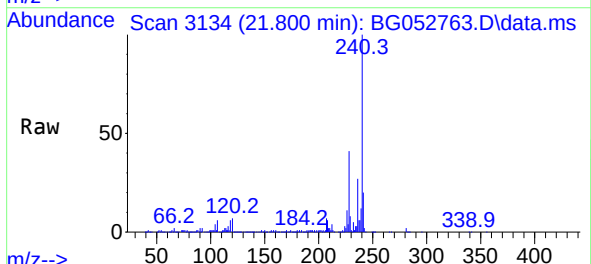
APPROVED

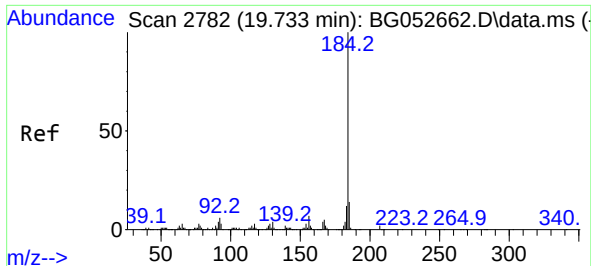
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.800 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

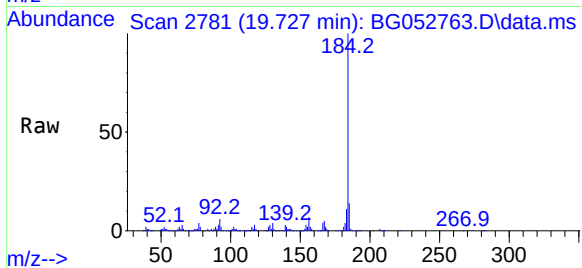
Tgt Ion:240 Resp: 314348
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 26.8 19.8 29.6





#77
Benzidine
Concen: 46.676 ng
RT: 19.727 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

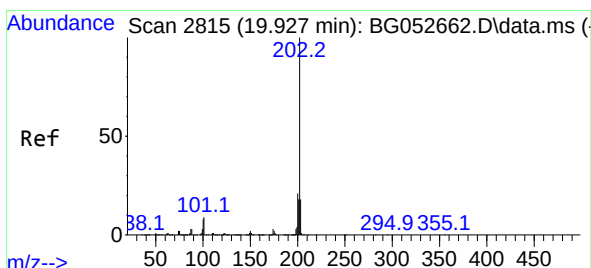
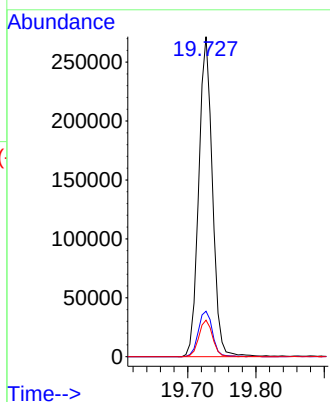
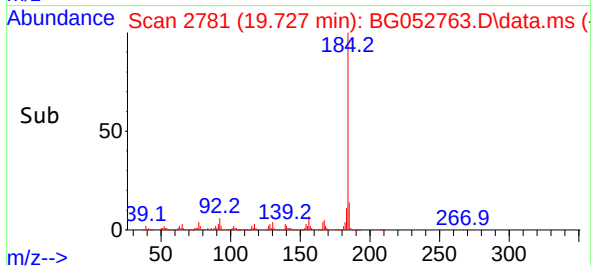
Instrument :
BNA_G
ClientSampleId :
PB143444BS



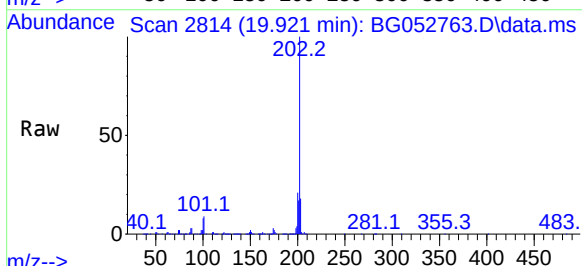
Tgt Ion:184 Resp: 378430
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.4 14.2

Manual Integrations
APPROVED

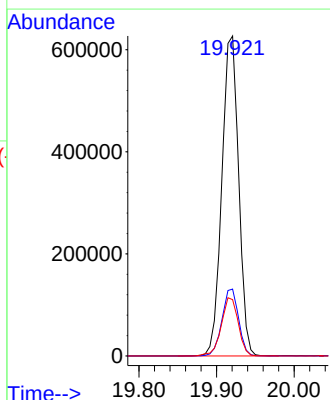
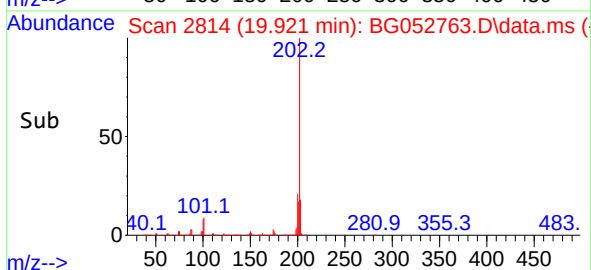
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

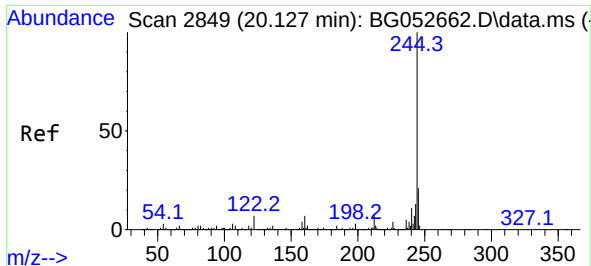


#78
Pyrene
Concen: 43.245 ng
RT: 19.921 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:202 Resp: 942960
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.6 15.0 22.6





#79
 Terphenyl-d14
 Concen: 81.963 ng
 RT: 20.114 min Scan# 20114
 Delta R.T. -0.012 min
 Lab File: BG052763.D
 Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

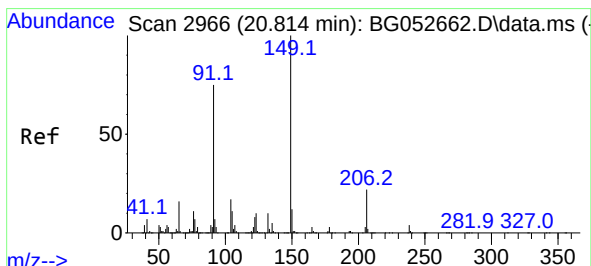
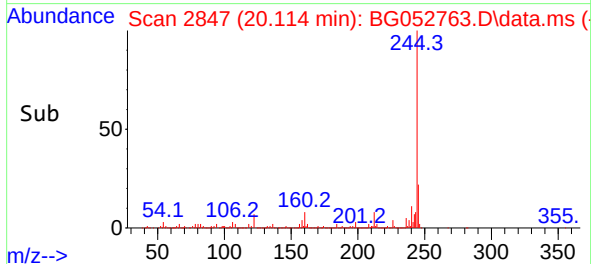
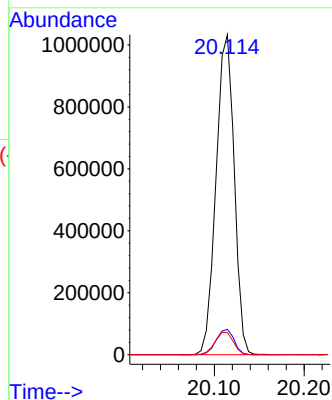
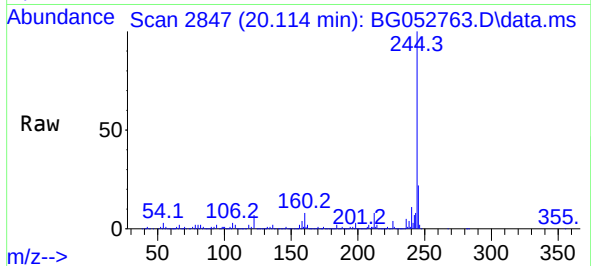
PB143444BS

Tgt Ion:244 Resp: 144840
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.9 5.8 8.6

Manual Integrations

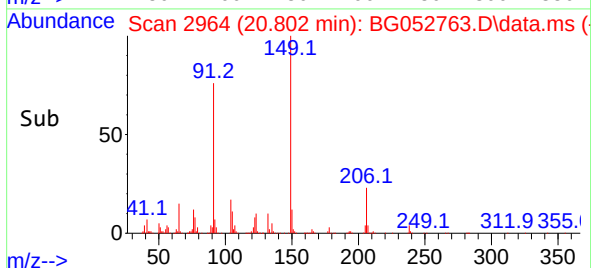
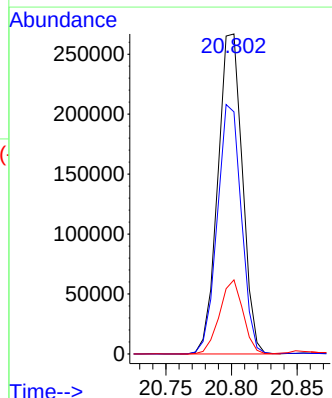
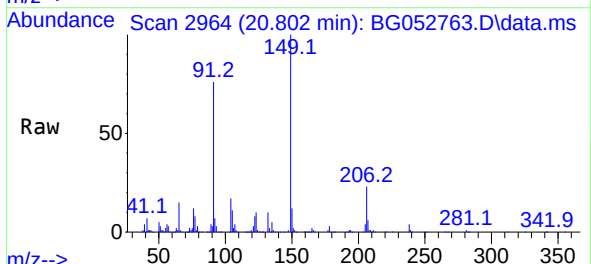
APPROVED

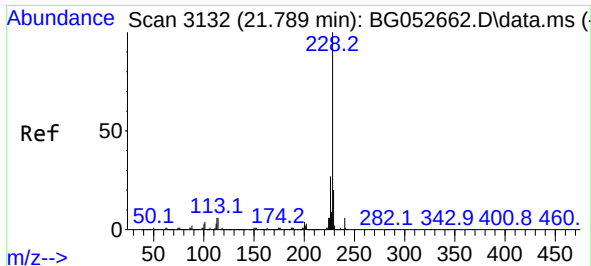
Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#80
 Butylbenzylphthalate
 Concen: 44.820 ng
 RT: 20.802 min Scan# 2964
 Delta R.T. -0.012 min
 Lab File: BG052763.D
 Acq: 21 Mar 2022 11:19

Tgt Ion:149 Resp: 346682
 Ion Ratio Lower Upper
 149 100
 91 75.6 60.2 90.4
 206 23.2 19.4 29.2





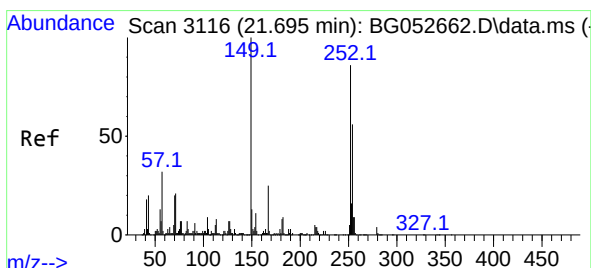
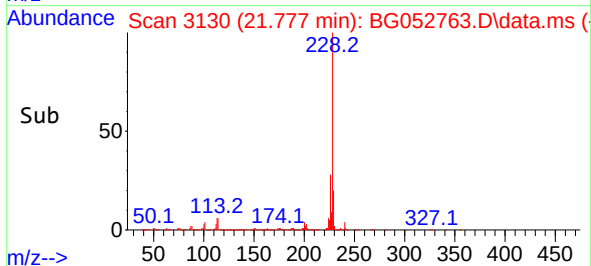
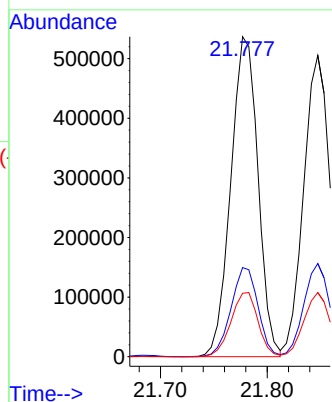
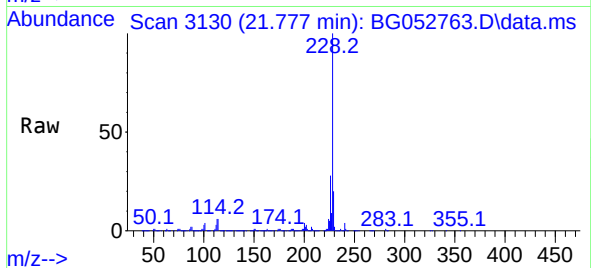
#81
Benzo(a)anthracene
Concen: 45.198 ng
RT: 21.777 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:228 Resp: 95139
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 19.8 16.7 25.1

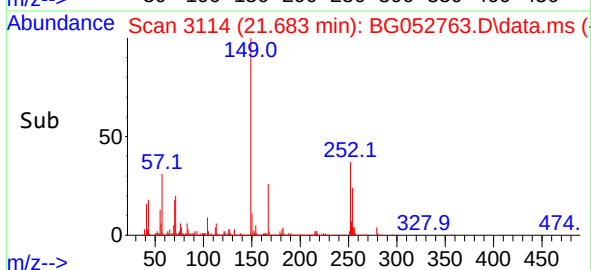
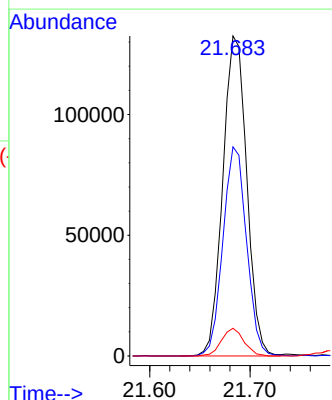
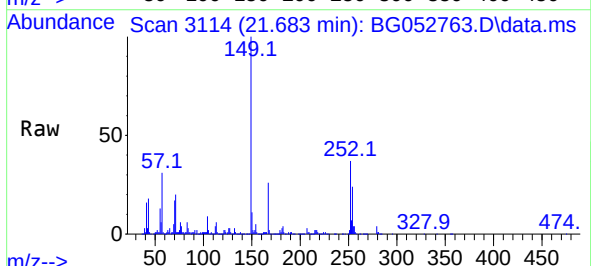
Manual Integrations
APPROVED

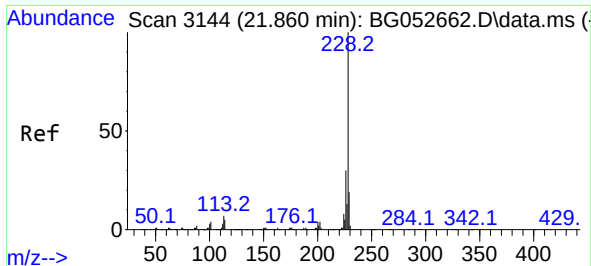
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 29.583 ng
RT: 21.683 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

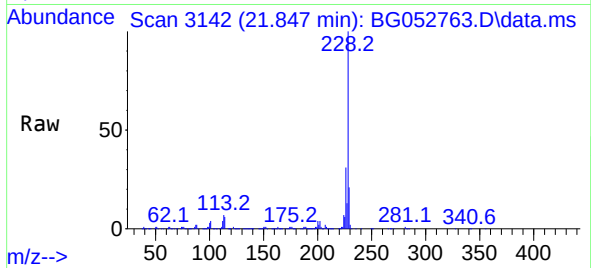
Tgt Ion:252 Resp: 219898
Ion Ratio Lower Upper
252 100
254 65.3 51.2 76.8
126 8.7 5.8 8.8





#83
Chrysene
Concen: 43.732 ng
RT: 21.847 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

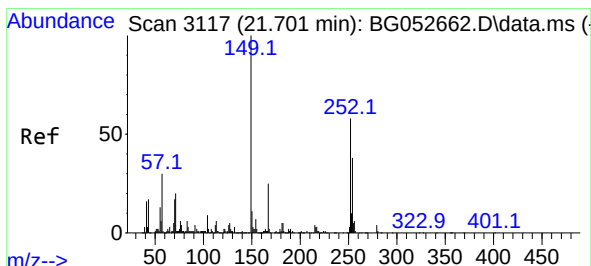
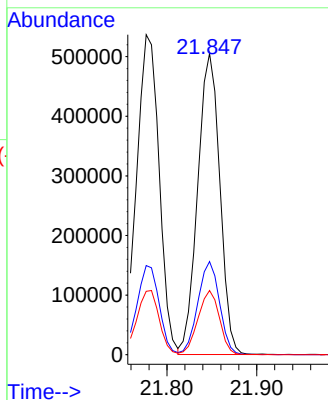
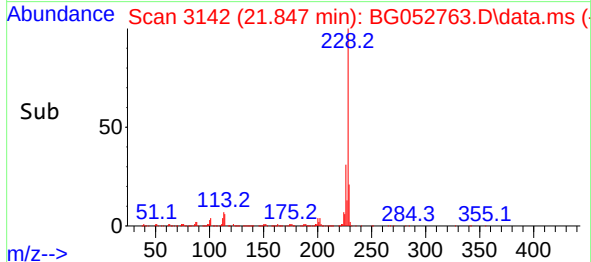
Instrument :
BNA_G
ClientSampleId :
PB143444BS



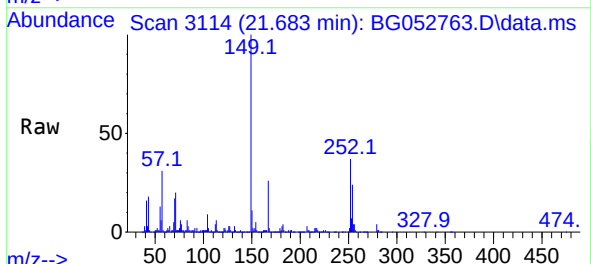
Tgt Ion:228 Resp: 865400
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 21.3 16.3 24.5

Manual Integrations
APPROVED

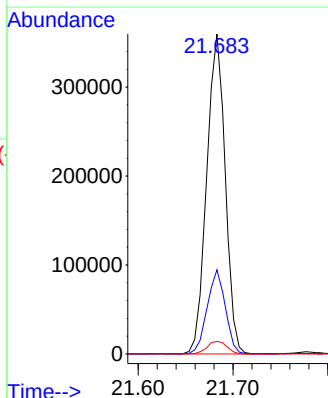
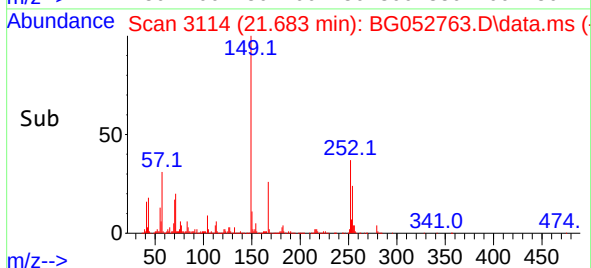
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

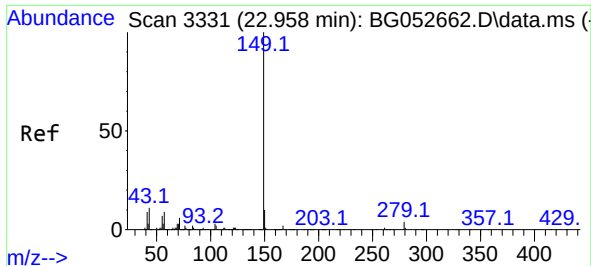


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.314 ng
RT: 21.683 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:149 Resp: 487187
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.2
279 4.0 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 47.368 ng
RT: 22.928 min Scan# 31
Delta R.T. -0.030 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

ClientSampleId :

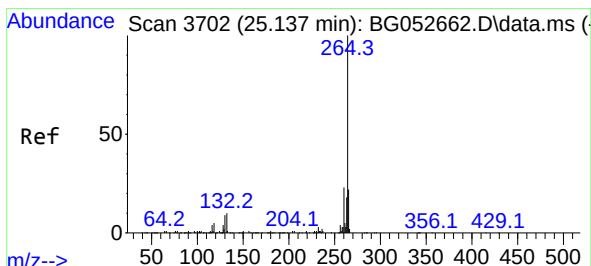
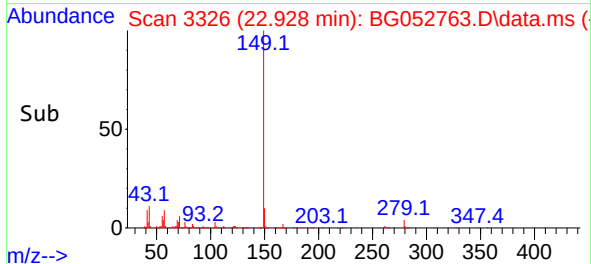
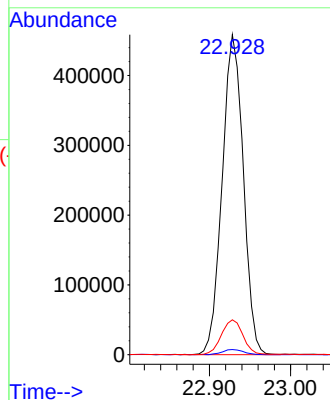
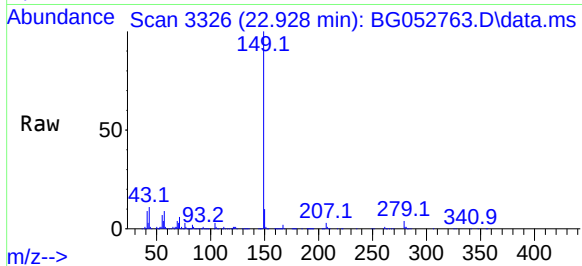
PB143444BS

Tgt Ion:149 Resp: 829490
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 7.6 11.4

Manual Integrations

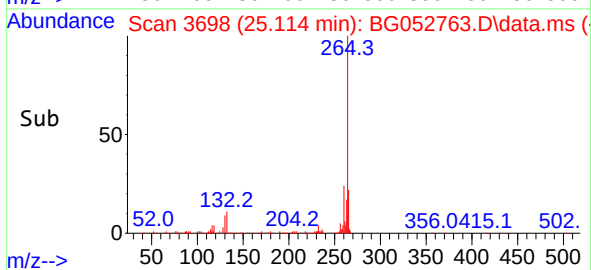
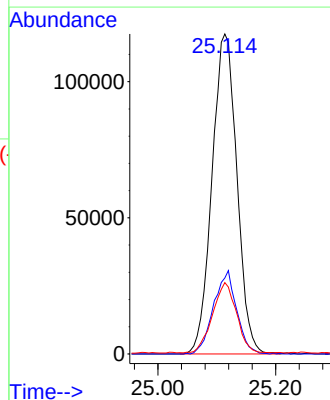
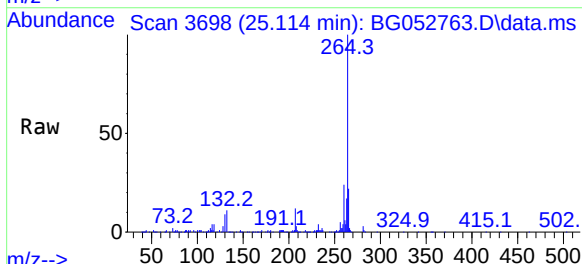
APPROVED

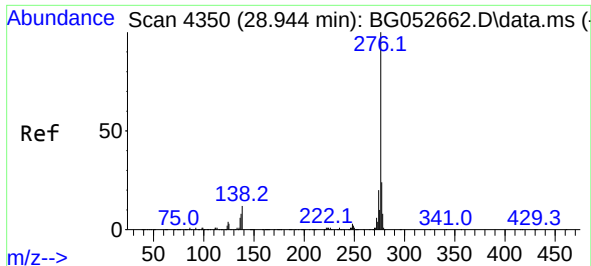
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.114 min Scan# 3698
Delta R.T. -0.024 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:264 Resp: 344493
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.2
265 22.3 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.783 ng
RT: 28.908 min Scan# 41
Delta R.T. -0.036 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :

BNA_G

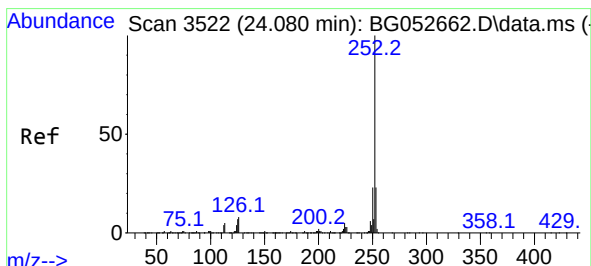
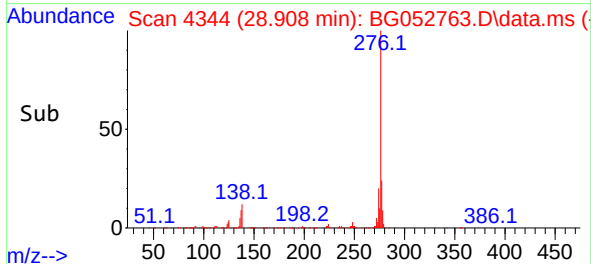
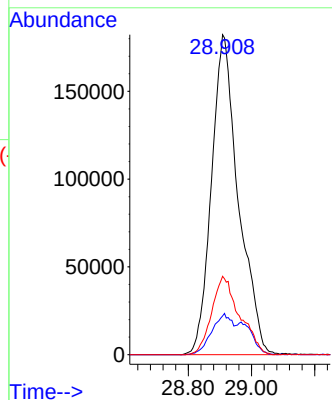
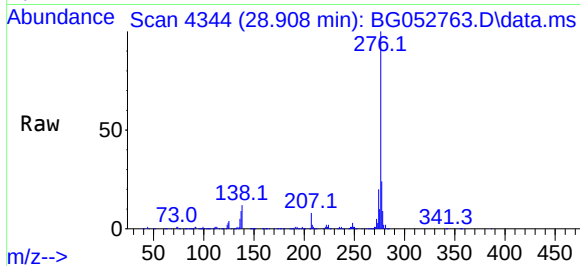
ClientSampleId :

PB143444BS

Tgt Ion:276 Resp: 107953
Ion Ratio Lower Upper
276 100
138 10.1 8.7 13.1
277 25.5 20.2 30.4

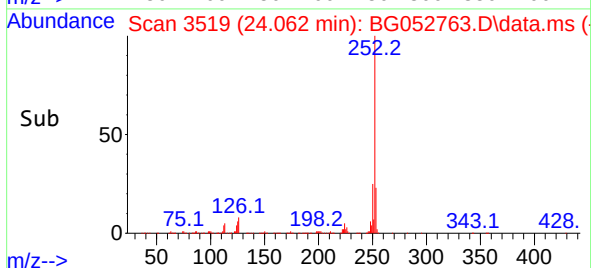
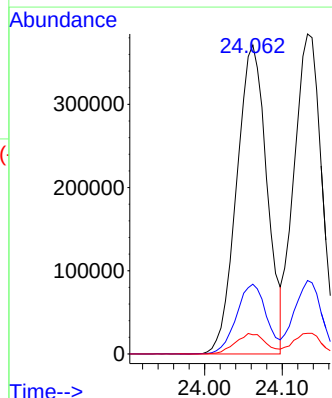
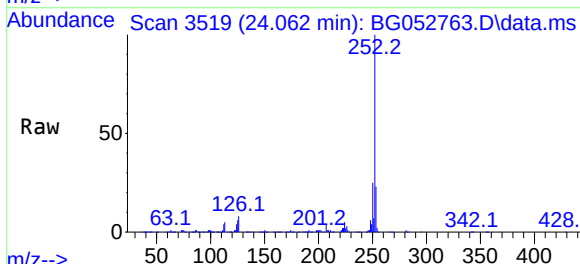
Manual Integrations
APPROVED

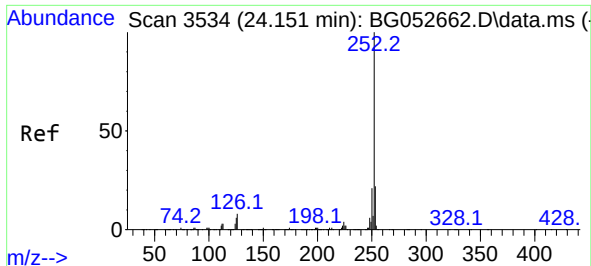
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#88
Benzo(b)fluoranthene
Concen: 47.230 ng
RT: 24.062 min Scan# 3519
Delta R.T. -0.018 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Tgt Ion:252 Resp: 1010242
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 6.2 5.2 7.8





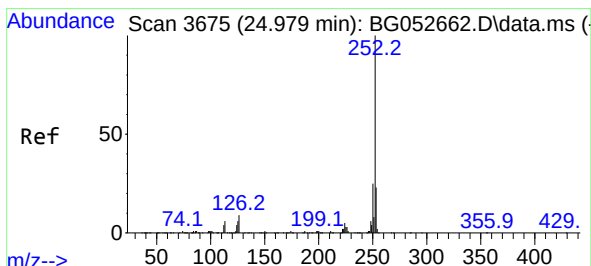
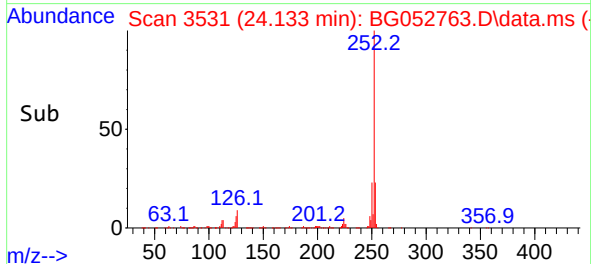
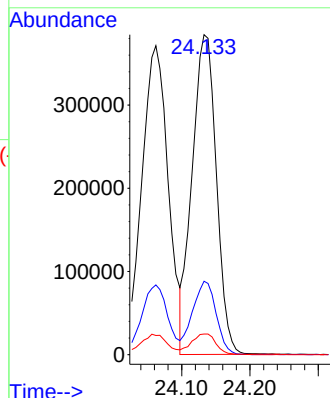
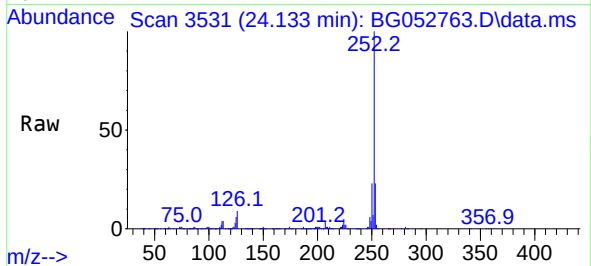
#89
Benzo(k)fluoranthene
Concen: 45.052 ng
RT: 24.133 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

Instrument :
BNA_G
ClientSampleId :
PB143444BS

Tgt Ion:252 Resp: 94811
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 6.4 5.0 7.4

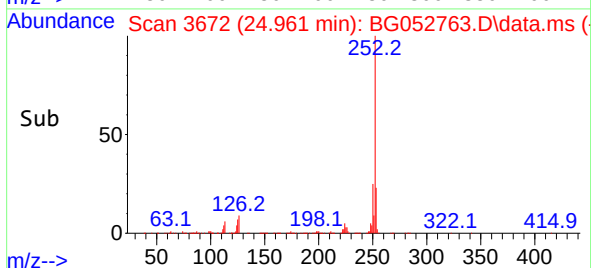
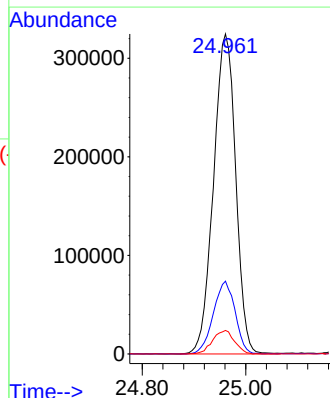
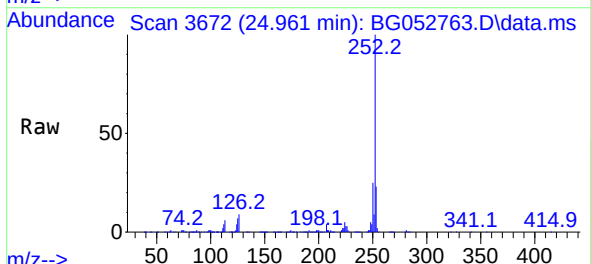
Manual Integrations
APPROVED

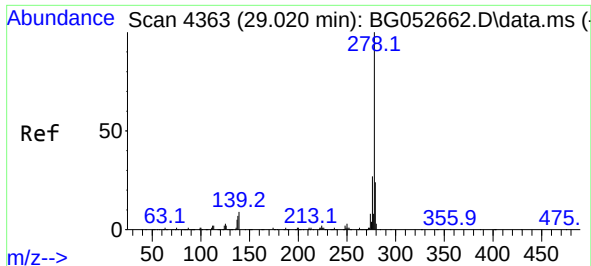
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#90
Benzo(a)pyrene
Concen: 53.355 ng
RT: 24.961 min Scan# 3672
Delta R.T. -0.018 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

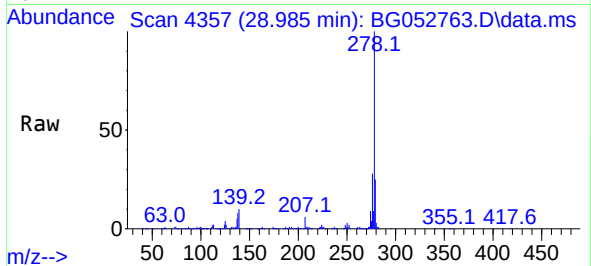
Tgt Ion:252 Resp: 966037
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 7.3 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 47.926 ng
RT: 28.985 min Scan# 41
Delta R.T. -0.036 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19

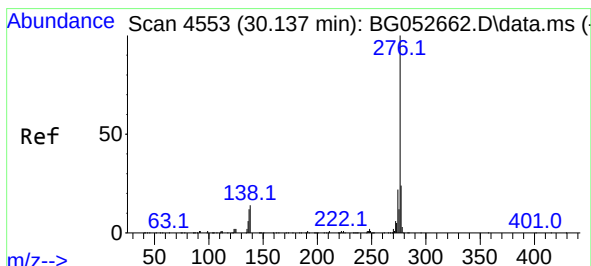
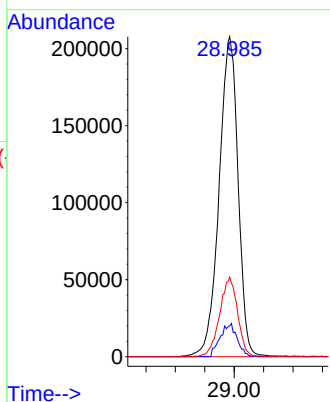
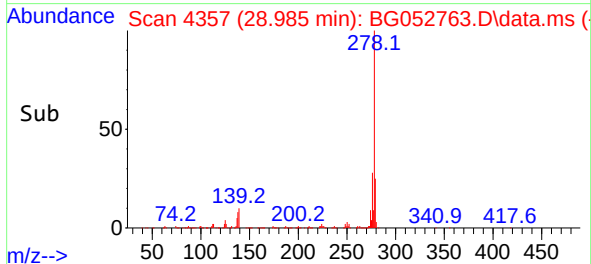
Instrument :
BNA_G
ClientSampleId :
PB143444BS



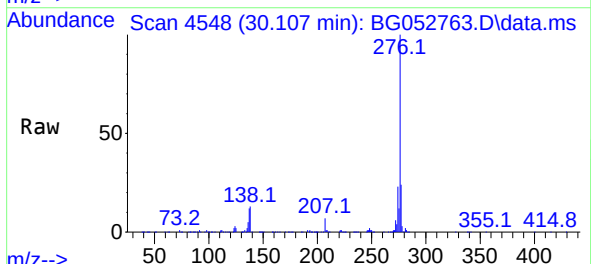
Tgt Ion:278 Resp: 931170
Ion Ratio Lower Upper
278 100
139 9.7 7.8 11.6
279 24.9 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#92
Benzo(g,h,i)perylene
Concen: 48.555 ng
RT: 30.107 min Scan# 4548
Delta R.T. -0.030 min
Lab File: BG052763.D
Acq: 21 Mar 2022 11:19



Tgt Ion:276 Resp: 933433
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.2
138 13.2 9.1 13.7

