

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053714.D
 Acq On : 26 May 2022 13:02
 Operator : CG/JU
 Sample : PB145033BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145033BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 26 15:58:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	21210	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	87663	20.000	ng	0.00
39) Acenaphthene-d10	14.626	164	67957	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	163484	20.000	ng	0.00
76) Chrysene-d12	21.634	240	163500	20.000	ng	0.00
86) Perylene-d12	24.835	264	164687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	165432	132.372	ng	0.00
7) Phenol-d6	7.165	99	238213	125.594	ng	0.00
23) Nitrobenzene-d5	9.151	82	165086	80.164	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	122953	122.672	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	373679	80.352	ng	0.00
79) Terphenyl-d14	19.977	244	749479	85.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	16351	24.936	ng	# 90
3) Pyridine	3.799	79	44764	27.953	ng	93
4) n-Nitrosodimethylamine	3.711	42	31260	40.073	ng	# 90
6) Aniline	7.306	93	86360	41.110	ng	97
8) 2-Chlorophenol	7.553	128	61150	46.804	ng	100
9) Benzaldehyde	7.118	77	40317	33.460	ng	99
10) Phenol	7.189	94	84168	45.373	ng	95
11) bis(2-Chloroethyl)ether	7.394	93	56054	40.516	ng	93
12) 1,3-Dichlorobenzene	7.870	146	64562	41.888	ng	91
13) 1,4-Dichlorobenzene	8.017	146	65978	42.421	ng	99
14) 1,2-Dichlorobenzene	8.340	146	63466	43.454	ng	97
15) Benzyl Alcohol	8.228	79	69414	43.775	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	88216	39.177	ng	97
17) 2-Methylphenol	8.440	107	56230	44.848	ng	95
18) Hexachloroethane	9.068	117	23817	40.324	ng	87
19) n-Nitroso-di-n-propyla...	8.792	70	55678	40.914	ng	98
20) 3+4-Methylphenols	8.769	107	73047	41.252	ng	96
22) Acetophenone	8.810	105	97323	40.564	ng	99
24) Nitrobenzene	9.192	77	84904	42.597	ng	97
25) Isophorone	9.715	82	149451	43.122	ng	98
26) 2-Nitrophenol	9.903	139	35562	44.052	ng	94
27) 2,4-Dimethylphenol	9.973	122	58825	48.420	ng	99
28) bis(2-Chloroethoxy)met...	10.190	93	77316	38.788	ng	98
29) 2,4-Dichlorophenol	10.455	162	66309	45.223	ng	91
30) 1,2,4-Trichlorobenzene	10.660	180	71073	42.662	ng	95
31) Naphthalene	10.843	128	185777	41.662	ng	99
32) Benzoic acid	10.161	122	22775	33.174	ng	92
33) 4-Chloroaniline	10.954	127	60230	32.252	ng	96
34) Hexachlorobutadiene	11.124	225	52457	42.464	ng	97
35) Caprolactam	11.730	113	20708m	38.863	ng	
36) 4-Chloro-3-methylphenol	12.094	107	73582	41.953	ng	99
37) 2-Methylnaphthalene	12.452	142	136617	41.053	ng	98
38) 1-Methylnaphthalene	12.669	142	129924m	40.016	ng	
40) 1,2,4,5-Tetrachloroben...	12.822	216	90703	42.343	ng	99
41) Hexachlorocyclopentadiene	12.799	237	68348	78.518	ng	95
43) 2,4,6-Trichlorophenol	13.069	196	58212	41.632	ng	99

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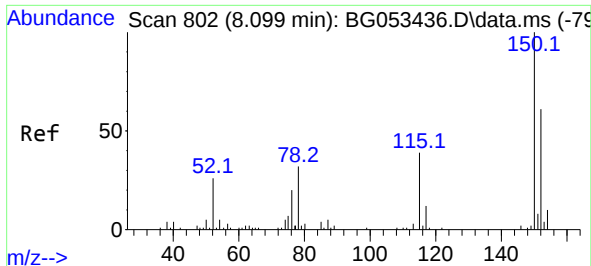
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.151	196	58771	39.493	ng	97
46) 1,1'-Biphenyl	13.457	154	187984	40.582	ng	99
47) 2-Chloronaphthalene	13.498	162	147168	40.551	ng	100
48) 2-Nitroaniline	13.703	65	55235	40.845	ng	95
49) Acenaphthylene	14.344	152	244157	42.159	ng	99
50) Dimethylphthalate	14.073	163	204310	39.564	ng	100
51) 2,6-Dinitrotoluene	14.197	165	44427	42.227	ng	99
52) Acenaphthene	14.684	154	135418	39.237	ng	99
53) 3-Nitroaniline	14.532	138	37791	33.244	ng	96
54) 2,4-Dinitrophenol	14.749	184	45629	69.235	ng	96
55) Dibenzofuran	15.019	168	238584	38.486	ng	98
56) 4-Nitrophenol	14.867	139	61274	75.466	ng	91
57) 2,4-Dinitrotoluene	14.990	165	63900	41.901	ng	90
58) Fluorene	15.671	166	200180	40.239	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.260	232	56490	37.413	ng	96
60) Diethylphthalate	15.436	149	209832	39.336	ng	98
61) 4-Chlorophenyl-phenyle...	15.660	204	111316	40.100	ng	96
62) 4-Nitroaniline	15.701	138	45584	38.661	ng	97
63) Azobenzene	15.953	77	210639	38.562	ng	98
65) 4,6-Dinitro-2-methylph...	15.765	198	38387	39.405	ng	95
66) n-Nitrosodiphenylamine	15.871	169	178184	41.512	ng	99
67) 4-Bromophenyl-phenylether	16.552	248	79917	41.856	ng	97
68) Hexachlorobenzene	16.682	284	87962	42.066	ng	98
69) Atrazine	16.823	200	78665	43.534	ng	98
70) Pentachlorophenol	17.034	266	68763	62.164	ng	96
71) Phenanthrene	17.410	178	340691	40.984	ng	98
72) Anthracene	17.504	178	346662	42.427	ng	98
73) Carbazole	17.774	167	317668	39.669	ng	99
74) Di-n-butylphthalate	18.321	149	365257	40.556	ng	99
75) Fluoranthene	19.425	202	437193	40.618	ng	99
77) Benzidine	19.595	184	226346	64.229	ng	99
78) Pyrene	19.783	202	437473	41.333	ng	99
80) Butylbenzylphthalate	20.659	149	159168	41.010	ng	97
81) Benzo(a)anthracene	21.616	228	432523	41.476	ng	99
82) 3,3'-Dichlorobenzidine	21.528	252	125850	47.589	ng	96
83) Chrysene	21.681	228	397467	40.809	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	226233	42.232	ng	99
85) Di-n-octyl phthalate	22.703	149	385626	42.571	ng	99
87) Indeno(1,2,3-cd)pyrene	28.501	276	479212	41.779	ng	# 56
88) Benzo(b)fluoranthene	23.819	252	454103	46.584	ng	99
89) Benzo(k)fluoranthene	23.884	252	425901	44.462	ng	99
90) Benzo(a)pyrene	24.689	252	432323	52.106	ng	98
91) Dibenzo(a,h)anthracene	28.554	278	423399	44.798	ng	99
92) Benzo(g,h,i)perylene	29.652	276	412740	44.056	ng	94

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

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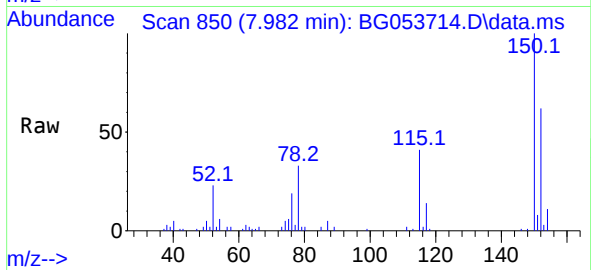
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG053714.D
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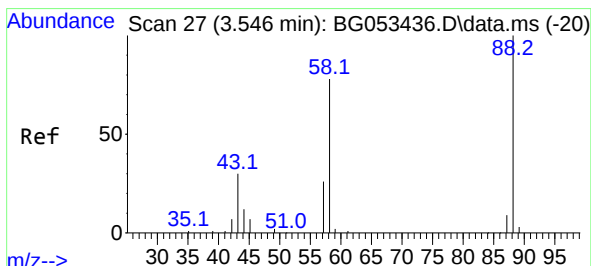
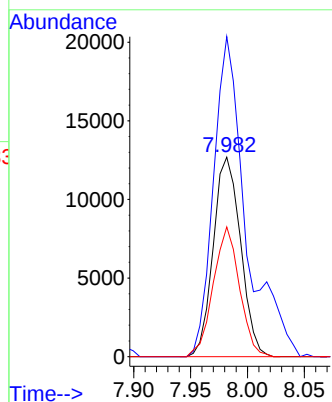
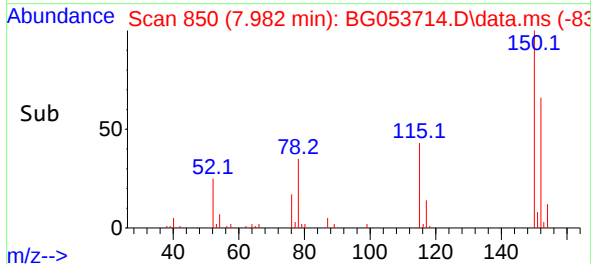


Tgt Ion:152 Resp: 21210
Ion Ratio Lower Upper
152 100
150 160.4 131.6 197.4
115 65.0 50.9 76.3

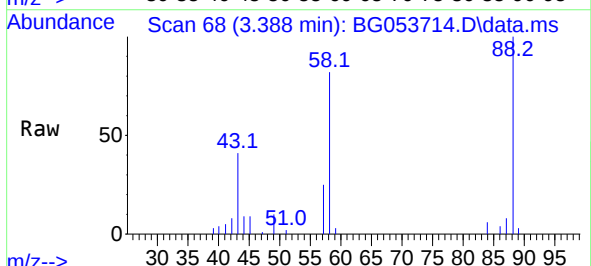
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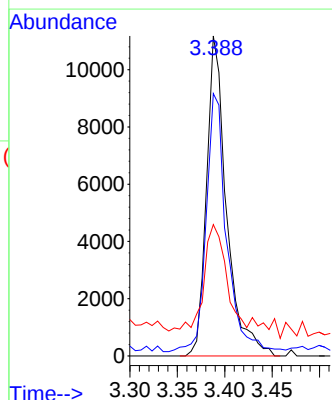
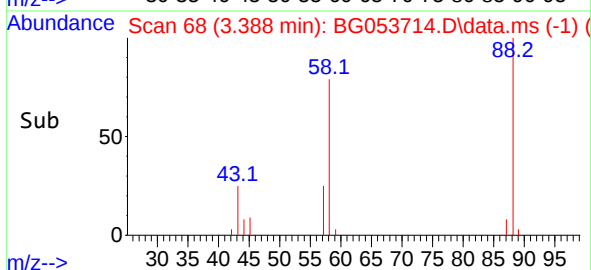
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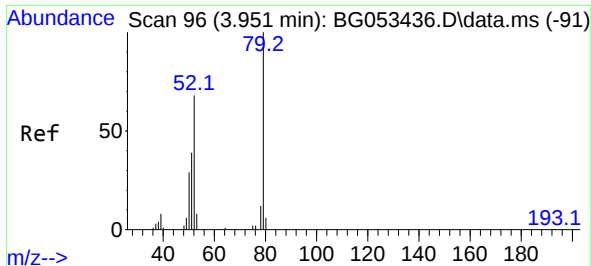


#2
1,4-Dioxane
Concen: 24.936 ng
RT: 3.388 min Scan# 68
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion: 88 Resp: 16351
Ion Ratio Lower Upper
88 100
58 82.4 59.2 88.8
43 36.6 24.3 36.5#





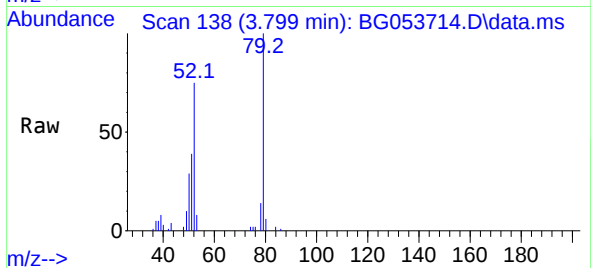
#3
Pyridine
Concen: 27.953 ng
RT: 3.799 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG053714.D
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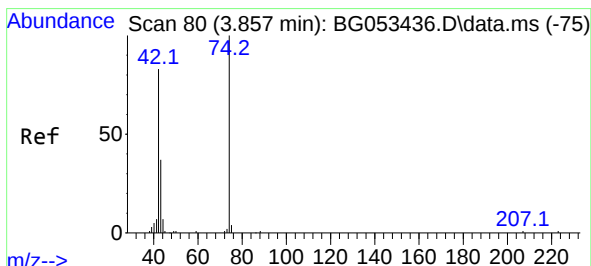
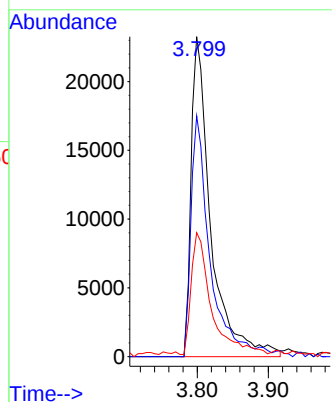
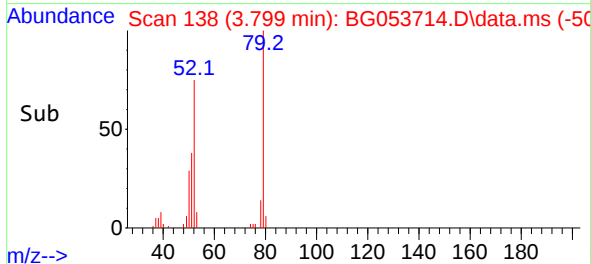


Tgt Ion: 79 Resp: 44764
Ion Ratio Lower Upper
79 100
52 75.2 54.6 81.8
51 38.7 32.5 48.7

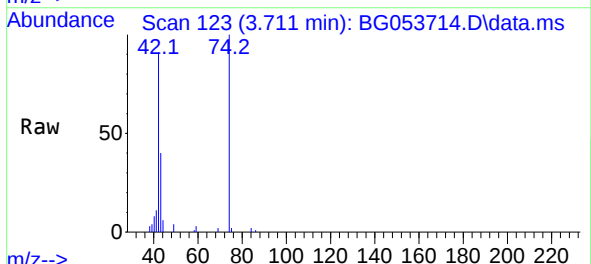
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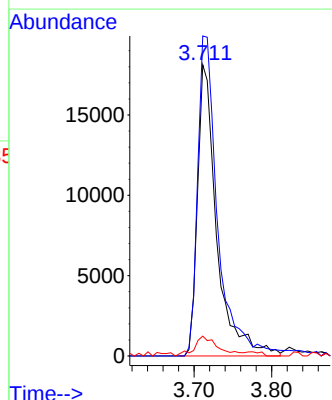
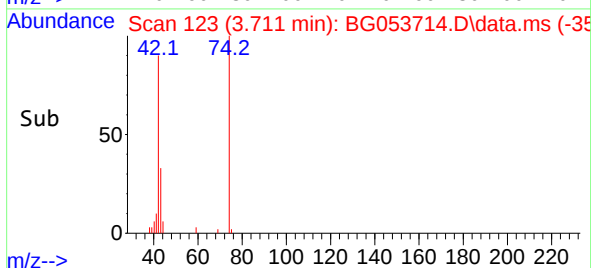
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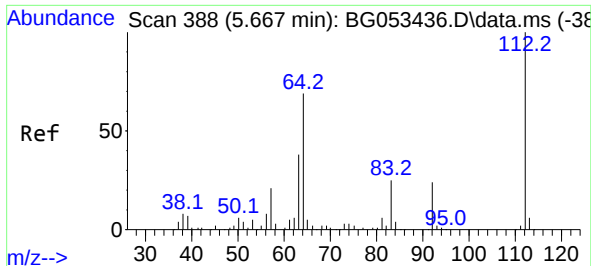


#4
n-Nitrosodimethylamine
Concen: 40.073 ng
RT: 3.711 min Scan# 123
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion: 42 Resp: 31260
Ion Ratio Lower Upper
42 100
74 109.9 97.0 145.4
44 6.8 7.0 10.4





#5
2-Fluorophenol
Concen: 132.372 ng
RT: 5.550 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

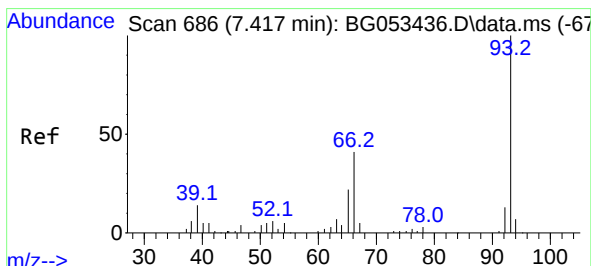
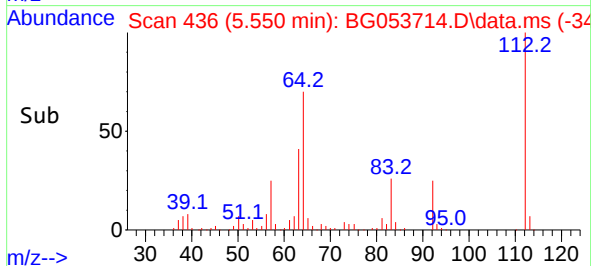
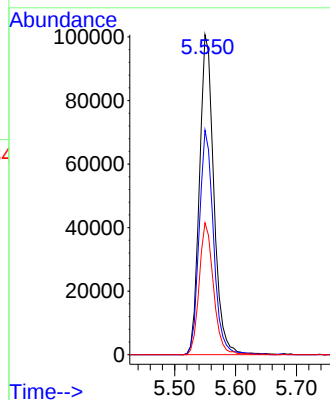
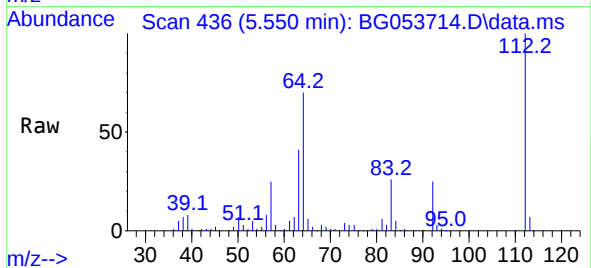
PB145033BS

Tgt Ion:112 Resp: 16543
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 41.2 30.4 45.6

Manual Integrations

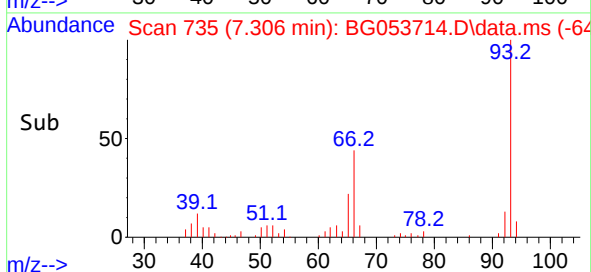
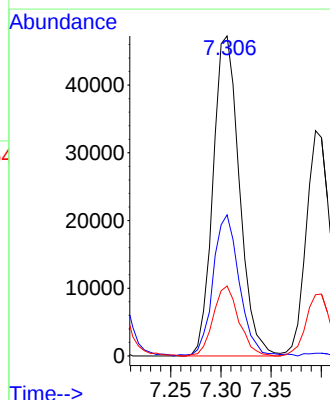
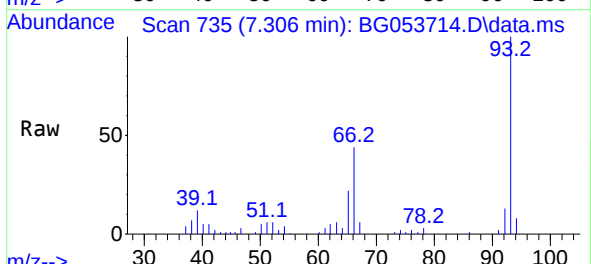
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#6
Aniline
Concen: 41.110 ng
RT: 7.306 min Scan# 735
Delta R.T. -0.004 min
Lab File: BG053714.D
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Tgt Ion: 93 Resp: 86360
Ion Ratio Lower Upper
93 100
66 44.1 32.9 49.3
65 21.9 17.8 26.8





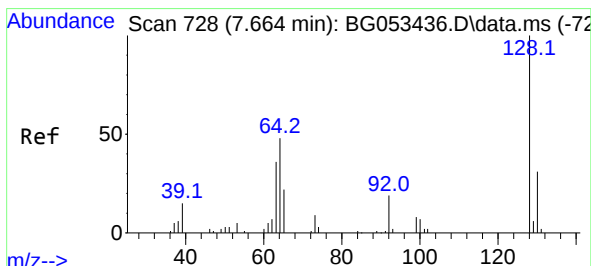
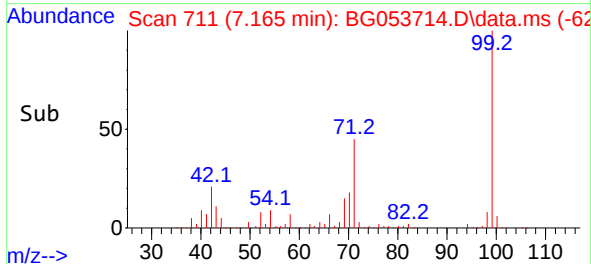
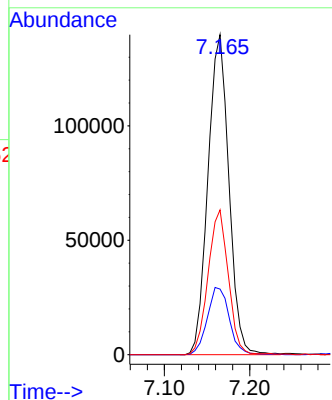
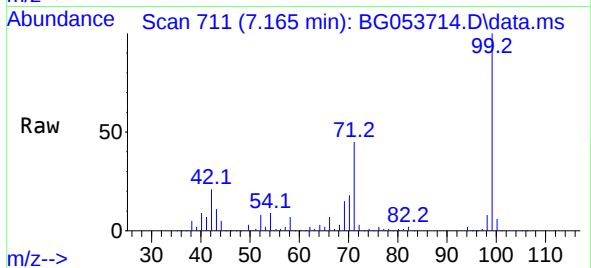
#7
Phenol-d6
Concen: 125.594 ng
RT: 7.165 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :
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ClientSampleId :
PB145033BS

Tgt Ion: 99 Resp: 23821
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 45.3 33.8 50.8

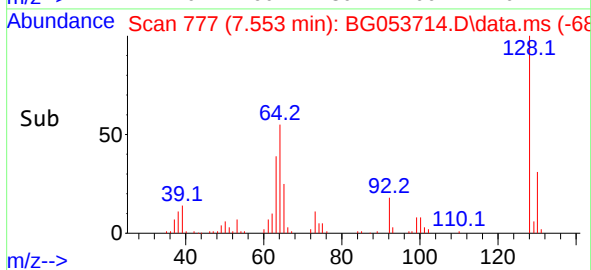
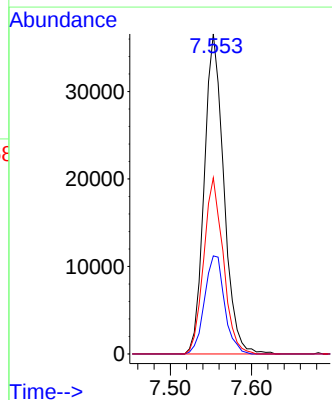
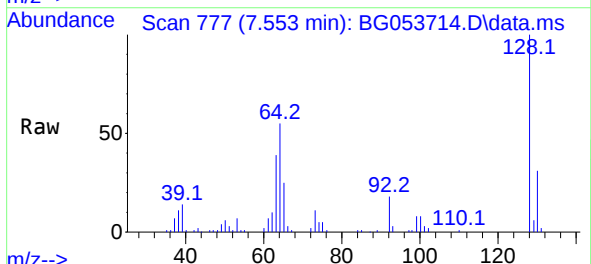
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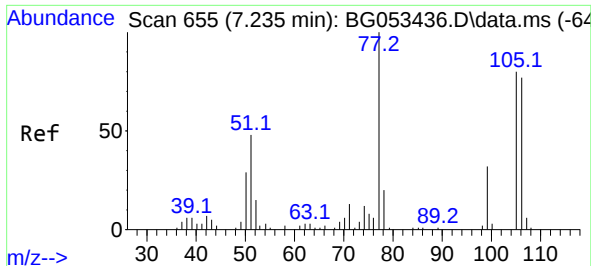
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#8
2-Chlorophenol
Concen: 46.804 ng
RT: 7.553 min Scan# 777
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:128 Resp: 61150
Ion Ratio Lower Upper
128 100
130 30.6 10.5 50.5
64 55.1 35.1 75.1





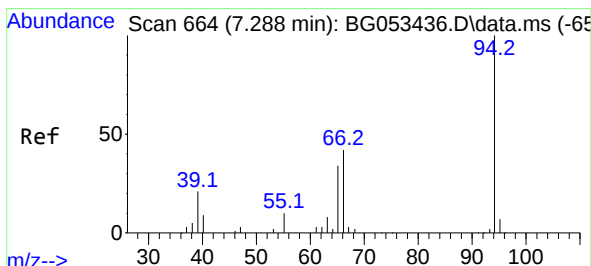
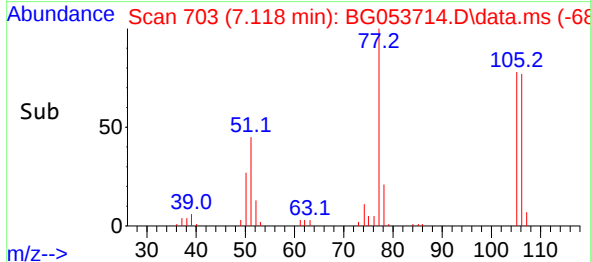
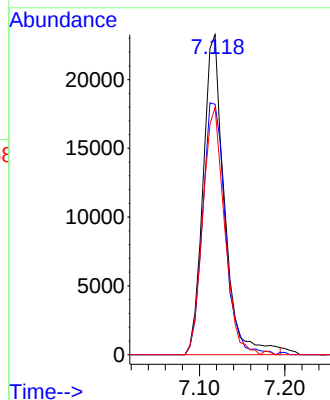
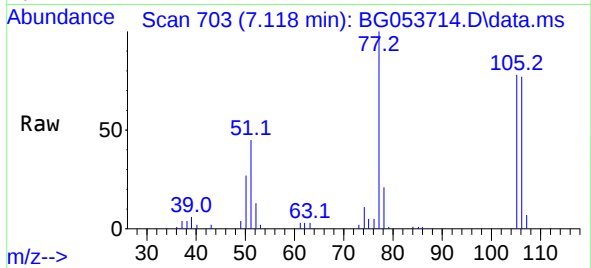
#9
Benzaldehyde
Concen: 33.460 ng
RT: 7.118 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :
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Tgt Ion: 77 Resp: 4031
Ion Ratio Lower Upper
77 100
105 78.2 59.6 99.6
106 77.2 56.8 96.8

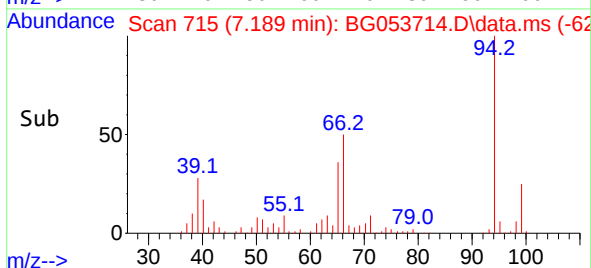
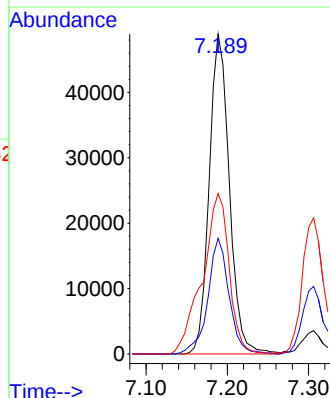
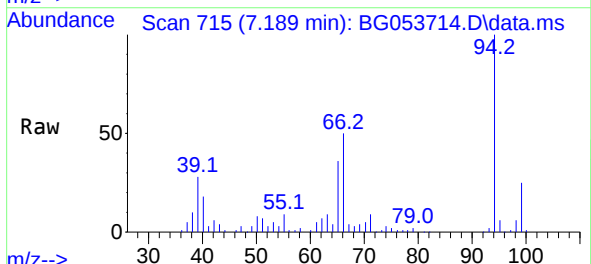
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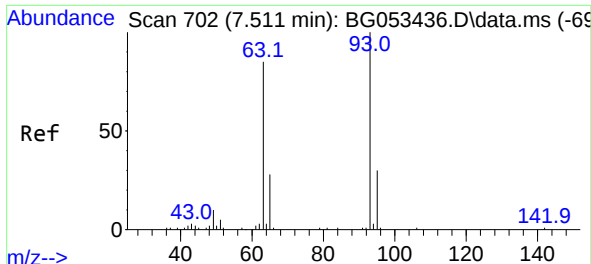
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Supervised By :Jagrut Upadhyay 05/27/2022



#10
Phenol
Concen: 45.373 ng
RT: 7.189 min Scan# 715
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion: 94 Resp: 84168
Ion Ratio Lower Upper
94 100
65 36.1 14.8 54.8
66 50.2 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 40.516 ng
RT: 7.394 min Scan# 710
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

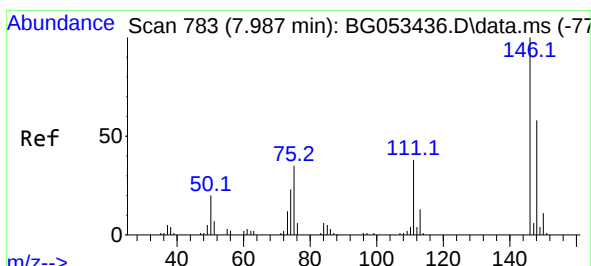
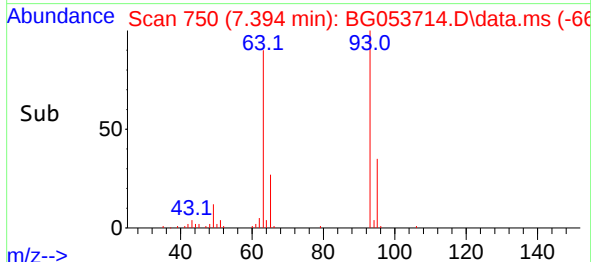
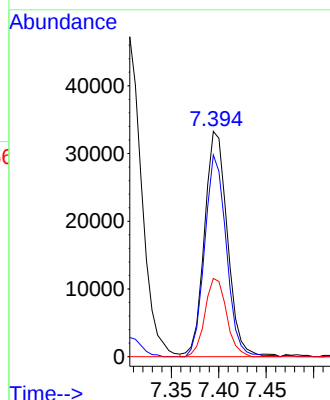
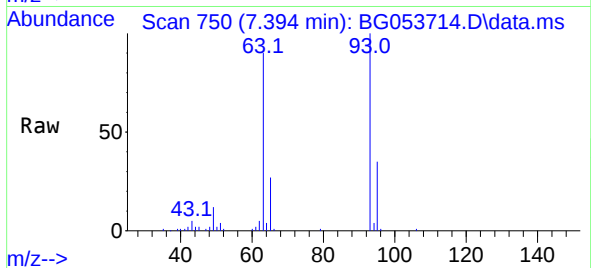
ClientSampleId :

PB145033BS

Tgt Ion: 93 Resp: 56054
Ion Ratio Lower Upper
93 100
63 89.5 63.6 103.6
95 34.7 10.1 50.1

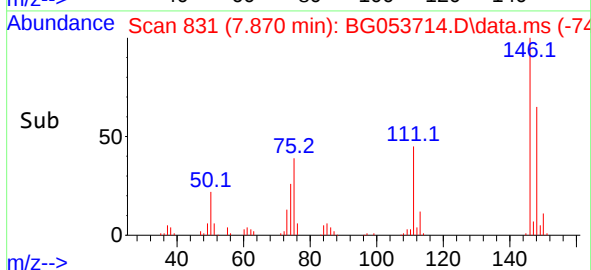
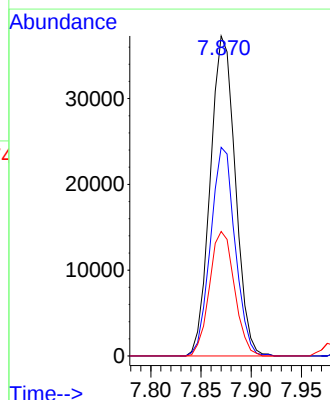
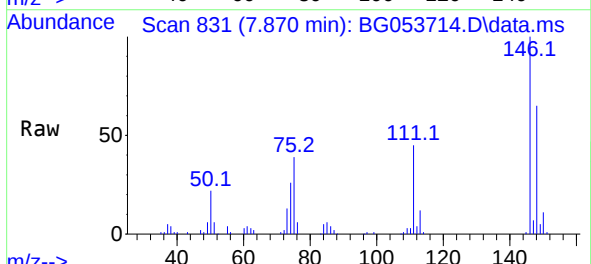
Manual Integrations
APPROVED

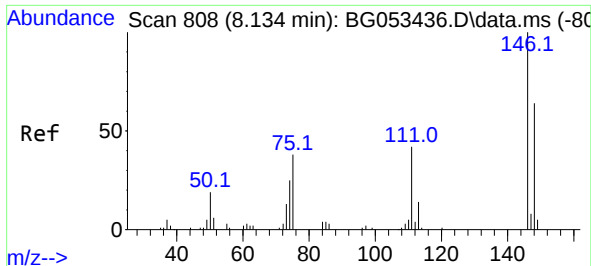
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#12
1,3-Dichlorobenzene
Concen: 41.888 ng
RT: 7.870 min Scan# 831
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:146 Resp: 64562
Ion Ratio Lower Upper
146 100
148 65.2 46.1 69.1
75 38.9 27.6 41.4





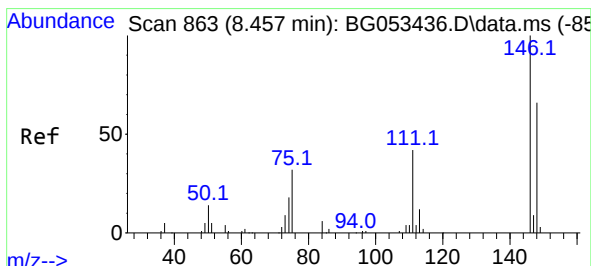
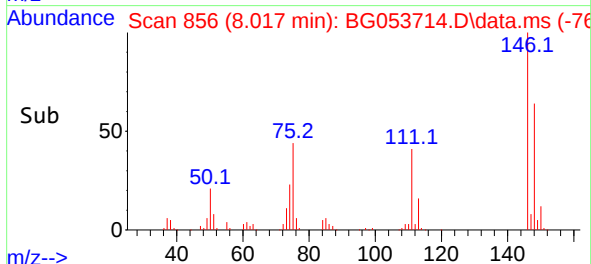
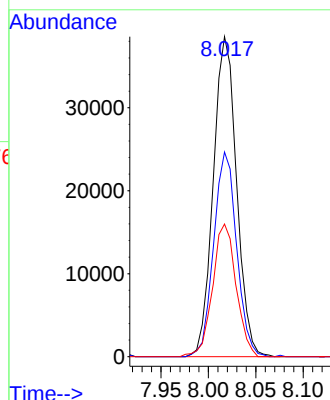
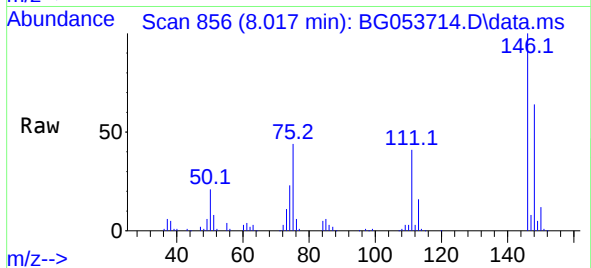
#13
1,4-Dichlorobenzene
Concen: 42.421 ng
RT: 8.017 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :
BNA_G
ClientSampleId :
PB145033BS

Tgt Ion:146 Resp: 65978
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 41.4 33.9 50.9

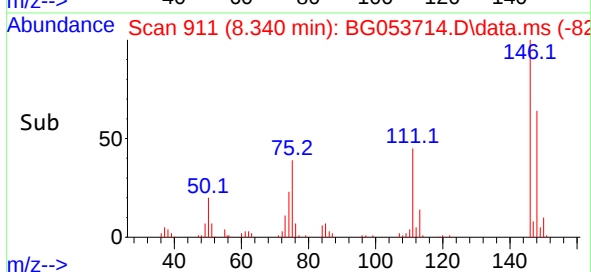
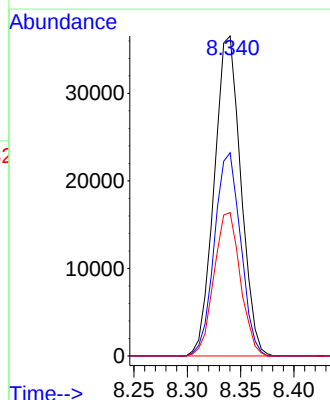
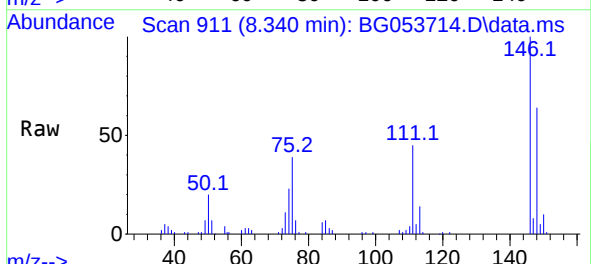
Manual Integrations
APPROVED

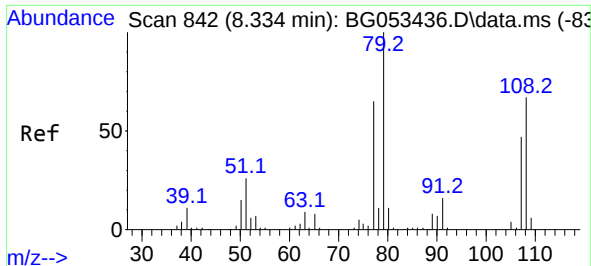
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#14
1,2-Dichlorobenzene
Concen: 43.454 ng
RT: 8.340 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

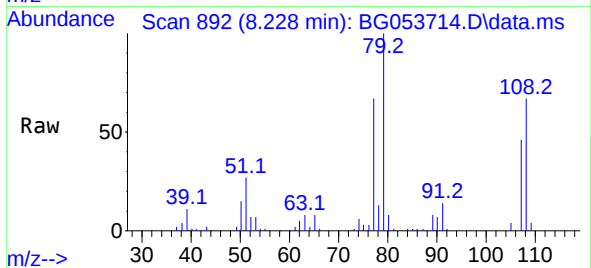
Tgt Ion:146 Resp: 63466
Ion Ratio Lower Upper
146 100
148 63.5 52.6 78.8
111 44.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 43.775 ng
RT: 8.228 min Scan# 892
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

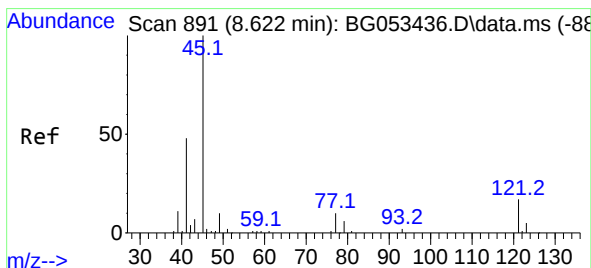
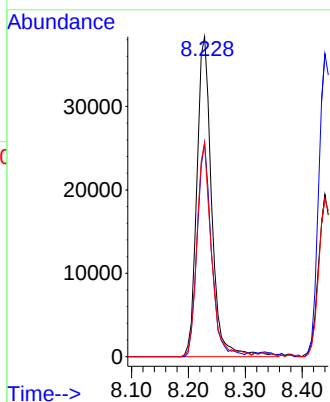
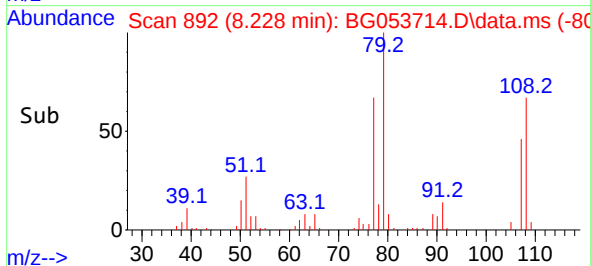
Instrument :
BNA_G
ClientSampleId :
PB145033BS



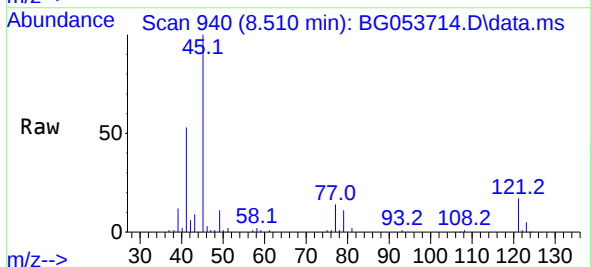
Tgt Ion: 79 Resp: 69414
Ion Ratio Lower Upper
79 100
108 66.9 53.7 80.5
77 66.8 52.2 78.4

Manual Integrations
APPROVED

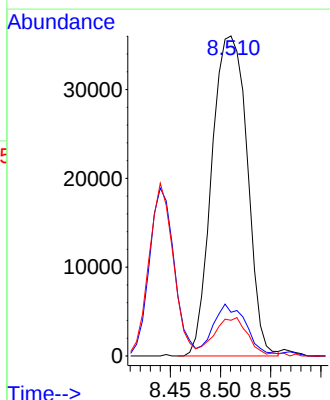
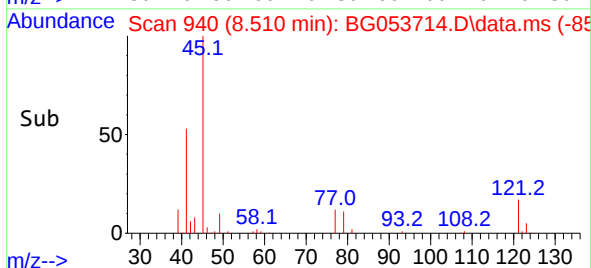
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

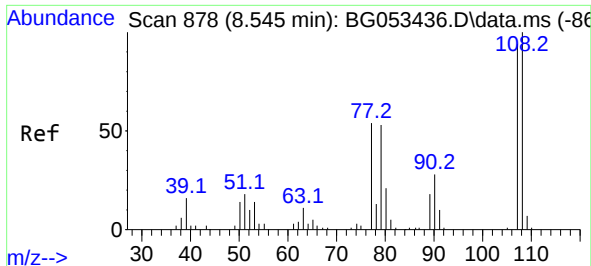


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.177 ng
RT: 8.510 min Scan# 940
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion: 45 Resp: 88216
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.7
79 11.1 0.0 29.7





#17
2-Methylphenol
Concen: 44.848 ng
RT: 8.440 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

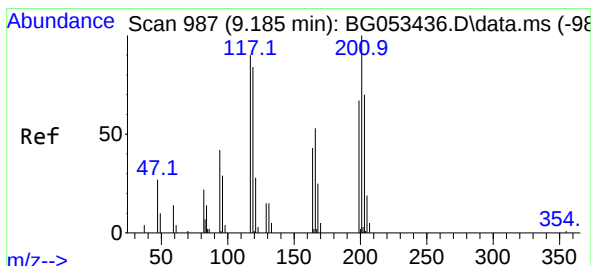
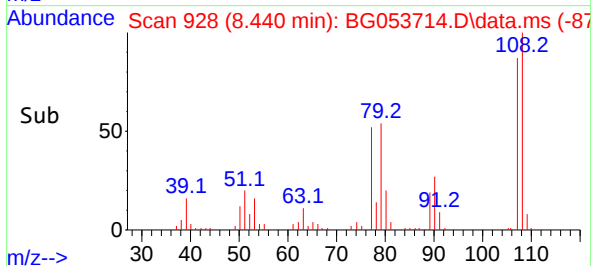
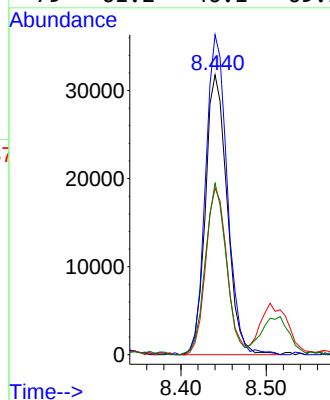
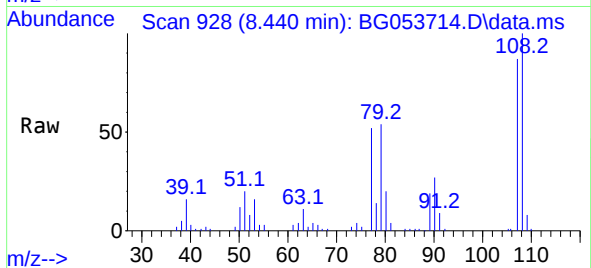
PB145033BS

Tgt Ion:107 Resp: 56230
Ion Ratio Lower Upper
107 100
108 114.4 85.4 128.0
77 59.5 46.2 69.2
79 61.2 46.1 69.1

Manual Integrations

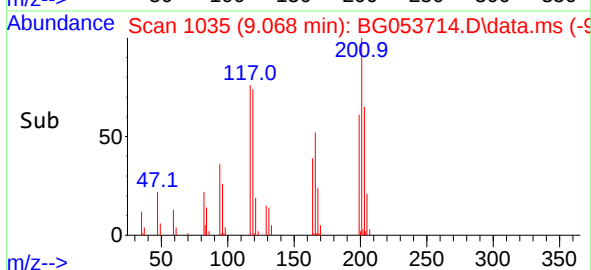
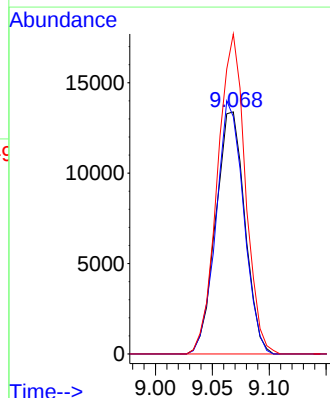
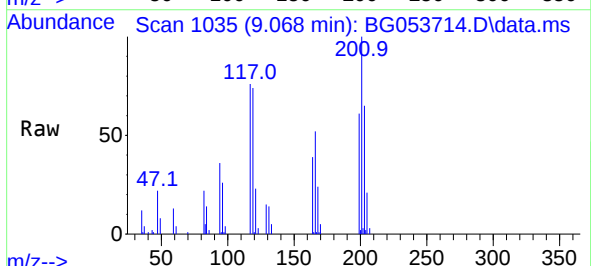
APPROVED

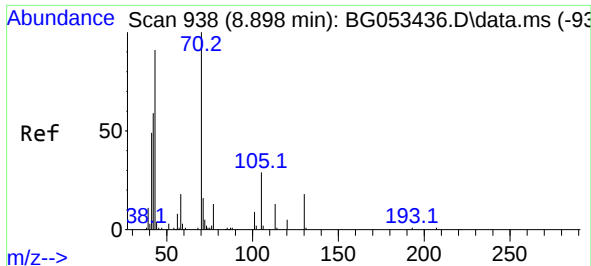
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#18
Hexachloroethane
Concen: 40.324 ng
RT: 9.068 min Scan# 1035
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:117 Resp: 23817
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.6
201 132.2 89.0 133.6





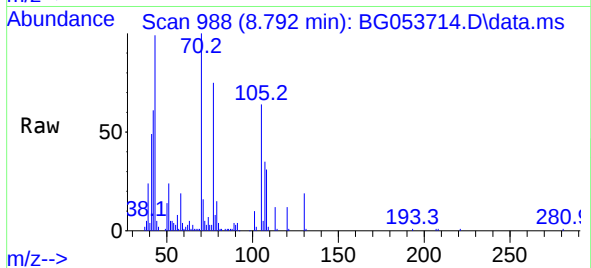
#19
n-Nitroso-di-n-propylamine
Concen: 40.914 ng
RT: 8.792 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

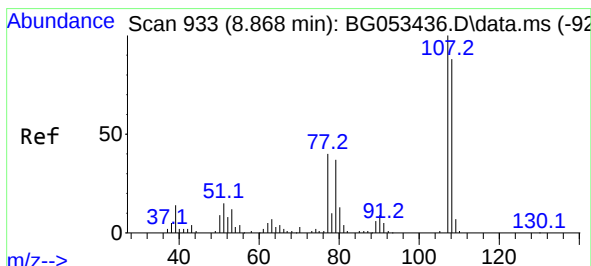
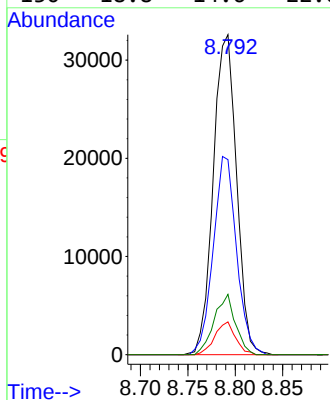
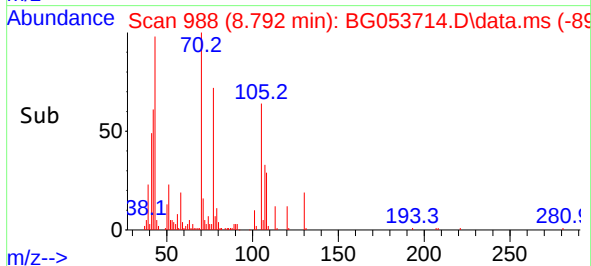


Tgt Ion: 70 Resp: 55678
Ion Ratio Lower Upper
70 100
42 60.9 47.3 70.9
101 10.2 7.0 10.4
130 18.8 14.6 22.0

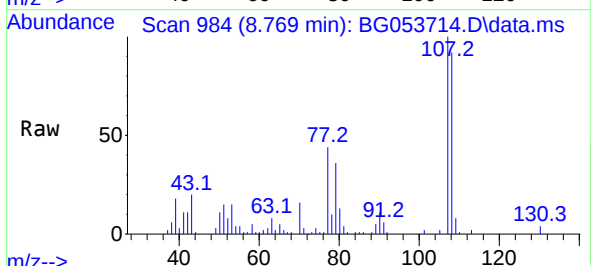
Manual Integrations

APPROVED

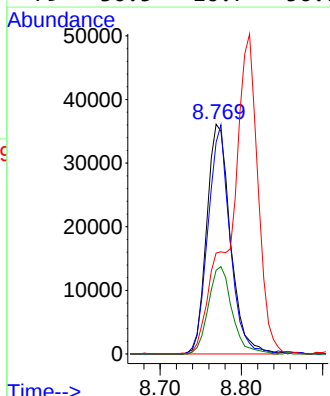
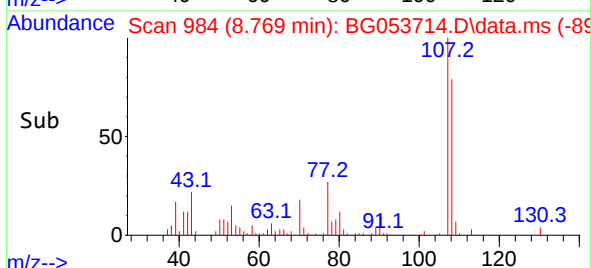
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

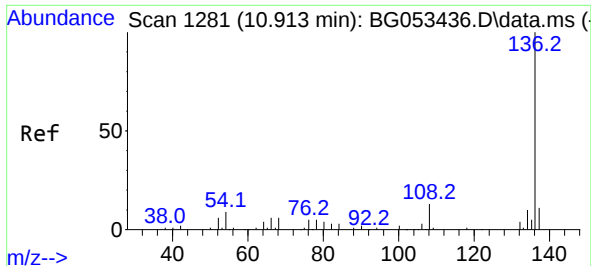


#20
3+4-Methylphenols
Concen: 41.252 ng
RT: 8.769 min Scan# 984
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:107 Resp: 73047
Ion Ratio Lower Upper
107 100
108 92.1 67.5 107.5
77 43.9 20.3 60.3
79 36.5 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

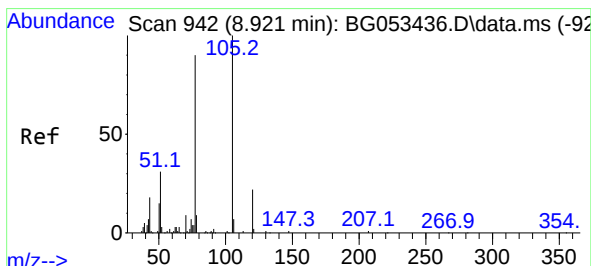
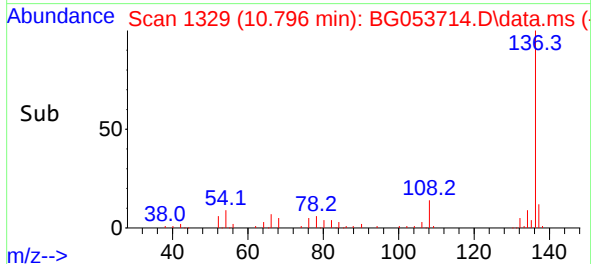
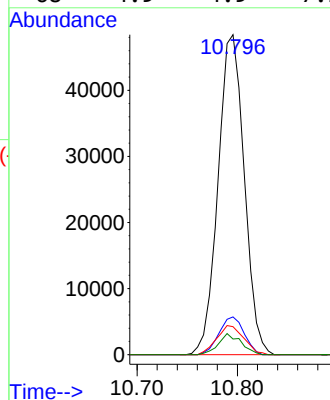
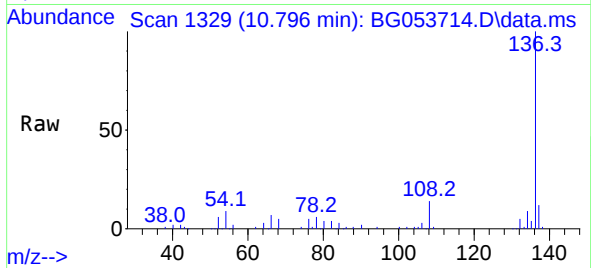
PB145033BS

Tgt Ion:136 Resp: 8766
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 8.7 7.4 11.2
68 4.9 4.9 7.3

Manual Integrations

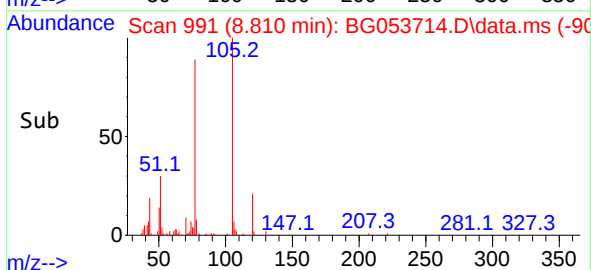
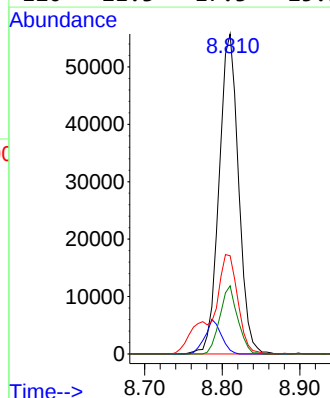
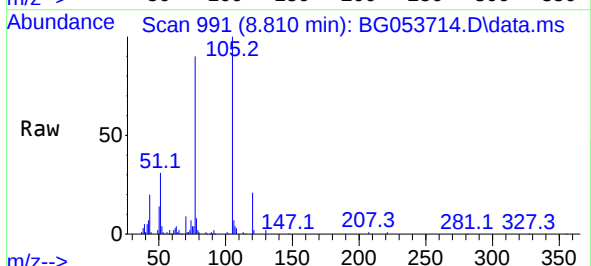
APPROVED

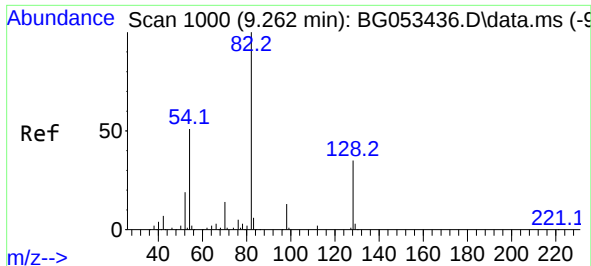
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#22
Acetophenone
Concen: 40.564 ng
RT: 8.810 min Scan# 991
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:105 Resp: 97323
Ion Ratio Lower Upper
105 100
71 1.2 1.1 1.7
51 30.7 25.4 38.0
120 21.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.164 ng

RT: 9.151 min Scan# 1056

Delta R.T. -0.004 min

Lab File: BG053714.D

Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

Tgt Ion: 82 Resp: 165080

Ion Ratio Lower Upper

82 100

128 36.2 27.9 41.9

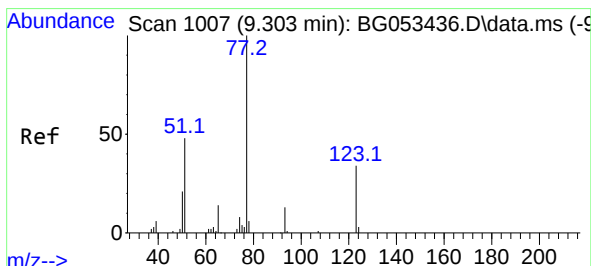
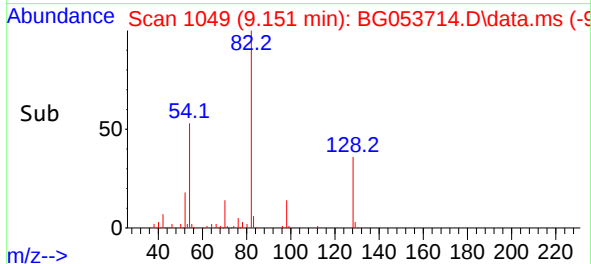
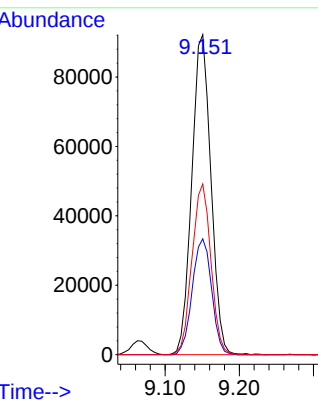
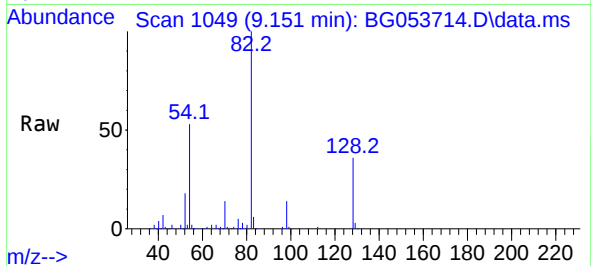
54 53.3 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/27/2022

Supervised By :Jagrut Upadhyay 05/27/2022



#24

Nitrobenzene

Concen: 42.597 ng

RT: 9.192 min Scan# 1056

Delta R.T. -0.004 min

Lab File: BG053714.D

Acq: 26 May 2022 13:02

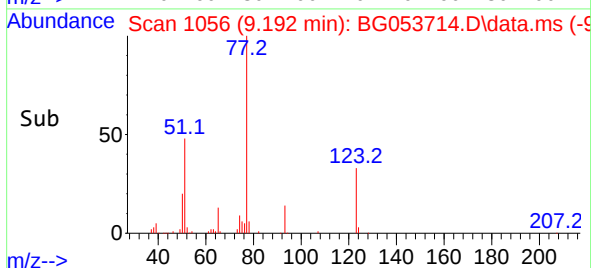
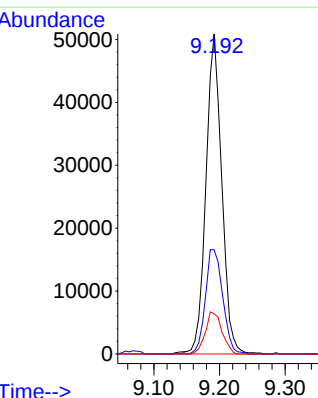
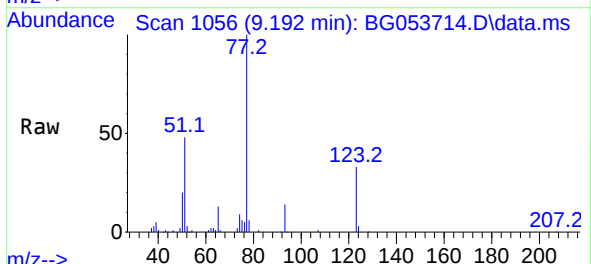
Tgt Ion: 77 Resp: 84904

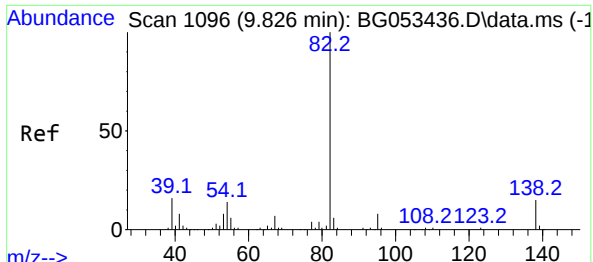
Ion Ratio Lower Upper

77 100

123 32.5 27.4 41.0

65 12.5 11.4 17.0





#25
Isophorone
Concen: 43.122 ng
RT: 9.715 min Scan# 1145
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

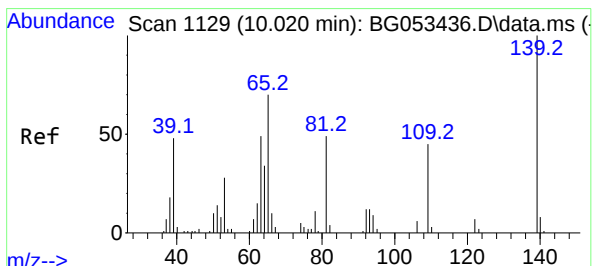
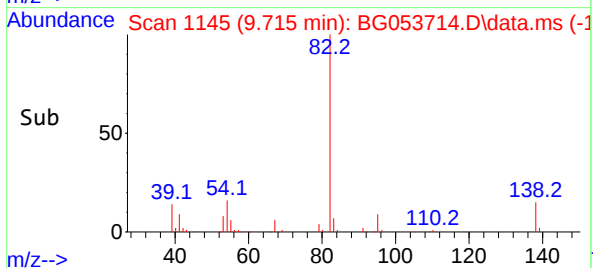
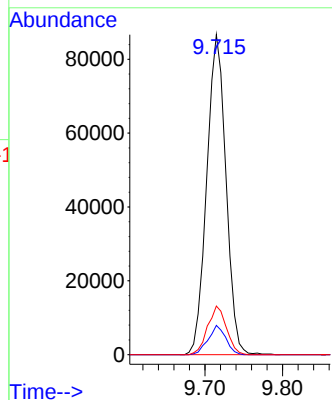
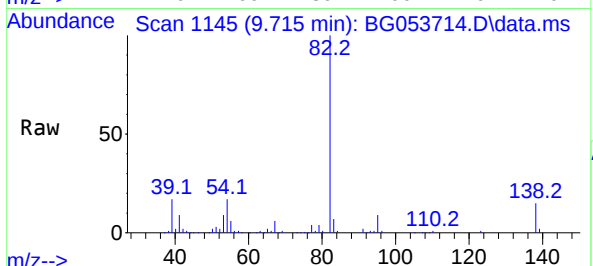
PB145033BS

Tgt Ion: 82 Resp: 14945
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.4
138 15.2 11.6 17.4

Manual Integrations

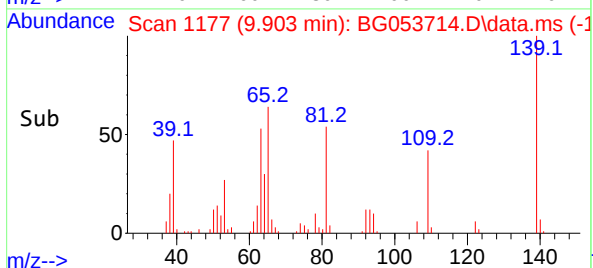
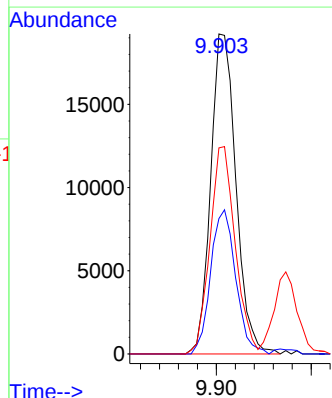
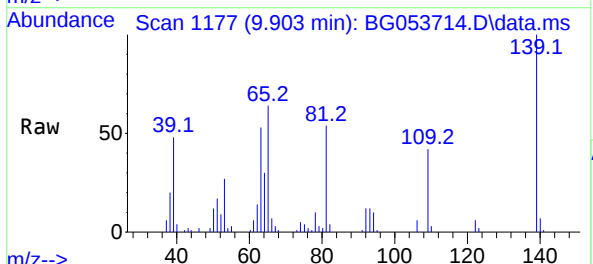
APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#26
2-Nitrophenol
Concen: 44.052 ng
RT: 9.903 min Scan# 1177
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:139 Resp: 35562
Ion Ratio Lower Upper
139 100
109 42.3 36.1 54.1
65 64.4 55.8 83.6





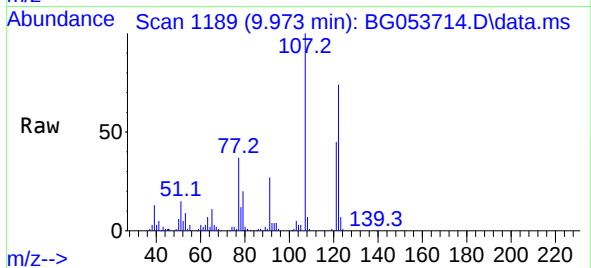
#27
2,4-Dimethylphenol
Concen: 48.420 ng
RT: 9.973 min Scan# 1138
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

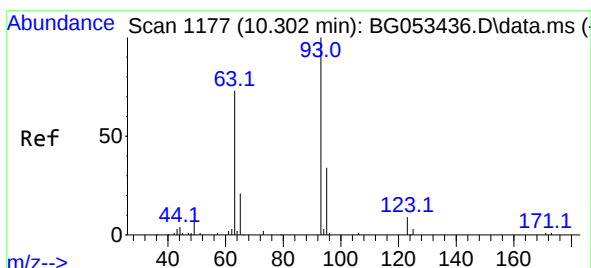
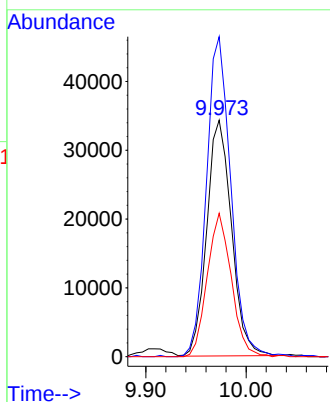
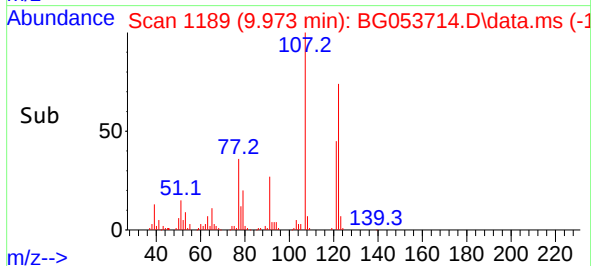


Tgt Ion:122 Resp: 5882
Ion Ratio Lower Upper
122 100
107 135.3 109.4 164.0
121 60.6 48.7 73.1

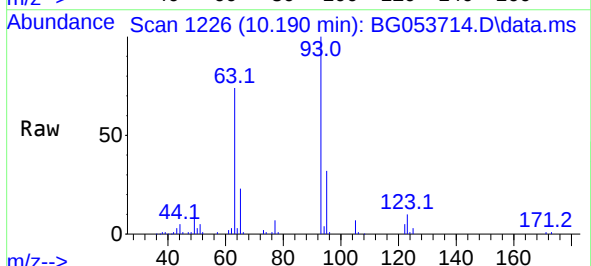
Manual Integrations

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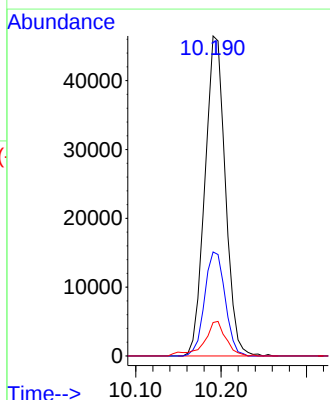
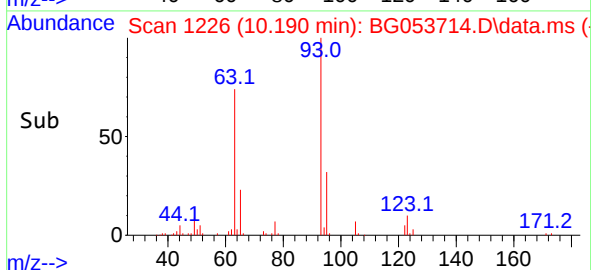
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

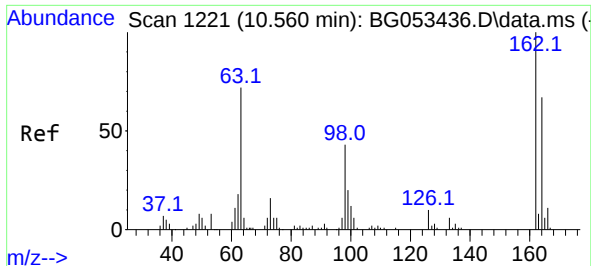


#28
bis(2-Chloroethoxy)methane
Concen: 38.788 ng
RT: 10.190 min Scan# 1226
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion: 93 Resp: 77316
Ion Ratio Lower Upper
93 100
95 32.5 26.9 40.3
123 10.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 45.223 ng

RT: 10.455 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG053714.D

Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

Tgt Ion:162 Resp: 66309

Ion Ratio Lower Upper

162 100

164 61.6 46.6 86.6

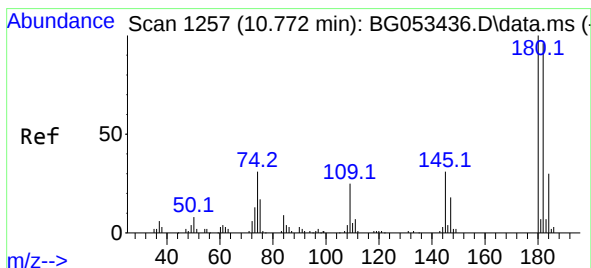
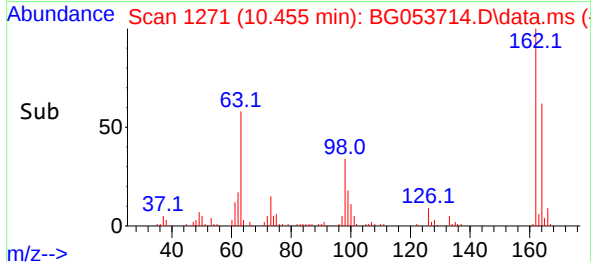
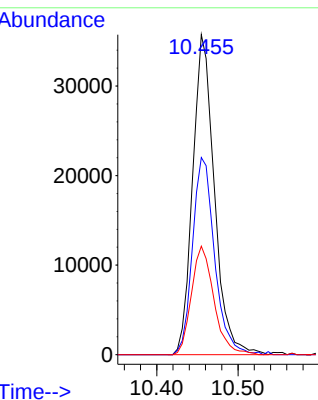
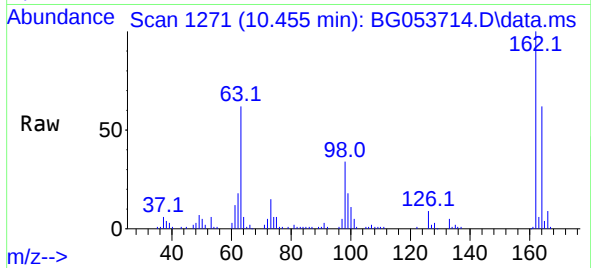
98 33.9 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/27/2022

Supervised By :Jagrut Upadhyay 05/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.662 ng

RT: 10.660 min Scan# 1306

Delta R.T. -0.004 min

Lab File: BG053714.D

Acq: 26 May 2022 13:02

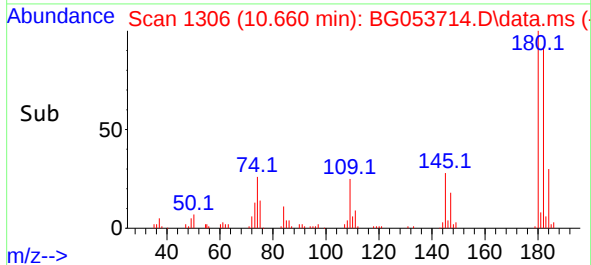
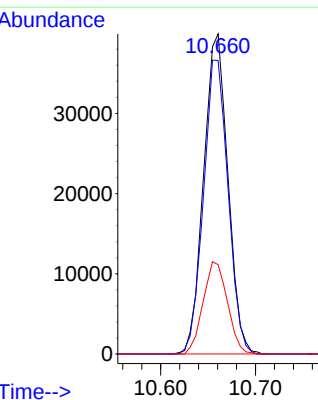
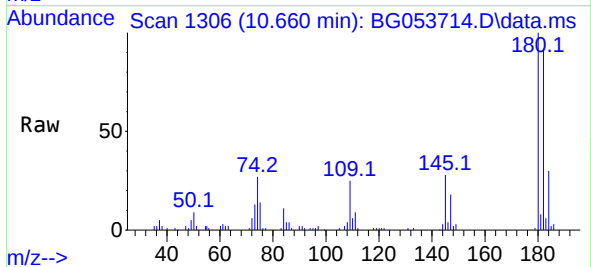
Tgt Ion:180 Resp: 71073

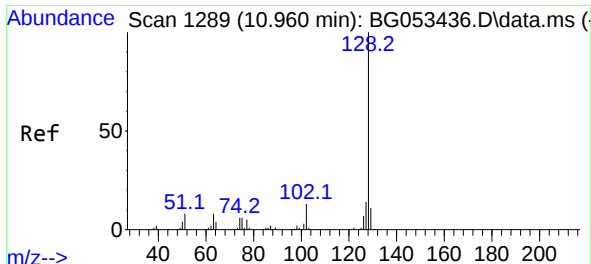
Ion Ratio Lower Upper

180 100

182 91.7 76.6 115.0

145 27.9 25.0 37.4





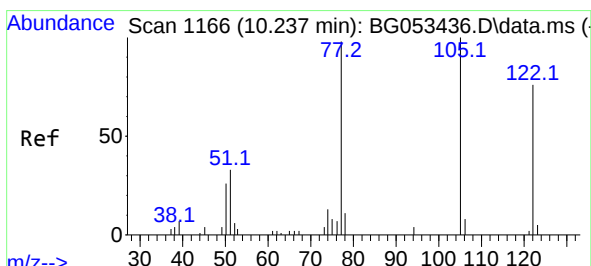
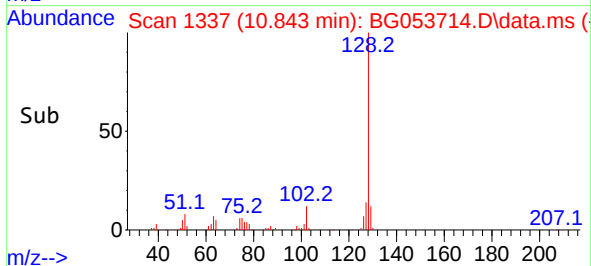
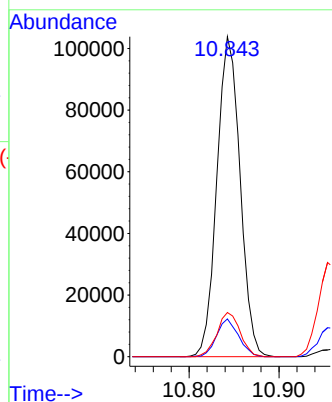
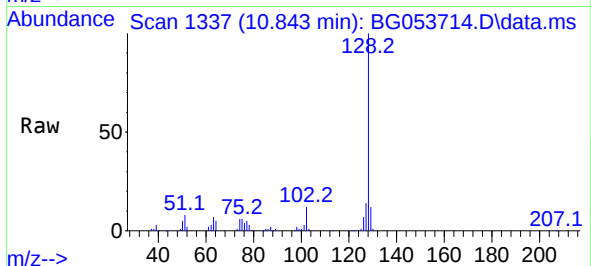
#31
Naphthalene
Concen: 41.662 ng
RT: 10.843 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :
BNA_G
ClientSampleId :
PB145033BS

Tgt Ion:128 Resp: 18577
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.8 11.1 16.7

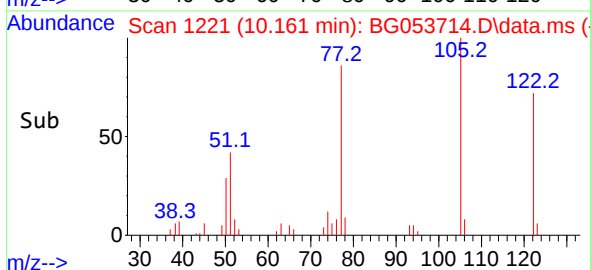
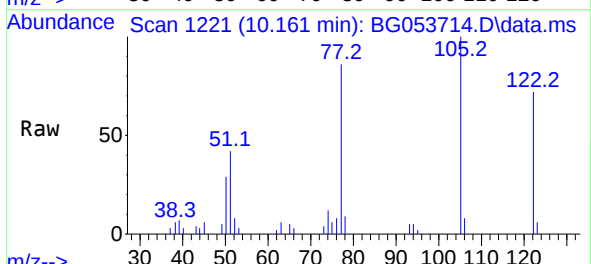
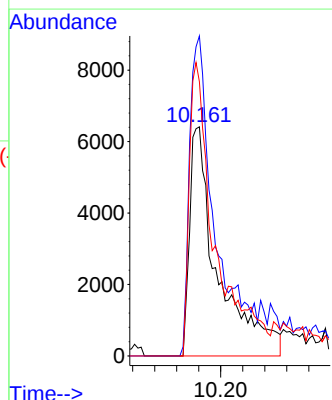
Manual Integrations
APPROVED

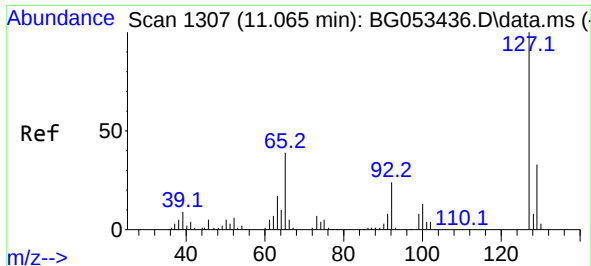
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#32
Benzoic acid
Concen: 33.174 ng
RT: 10.161 min Scan# 1221
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:122 Resp: 22775
Ion Ratio Lower Upper
122 100
105 139.7 111.8 151.8
77 119.7 109.4 149.4





#33

4-Chloroaniline

Concen: 32.252 ng

RT: 10.954 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG053714.D

Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

Tgt Ion:127 Resp: 60230

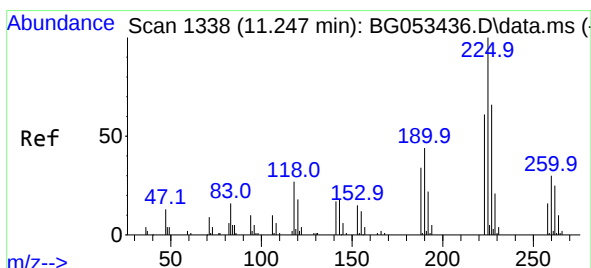
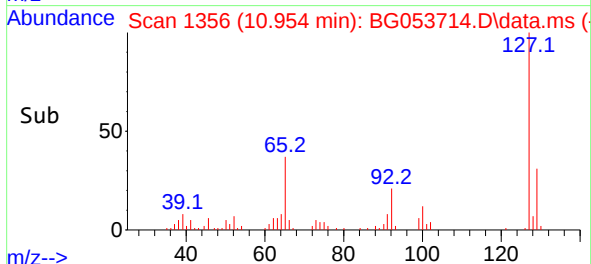
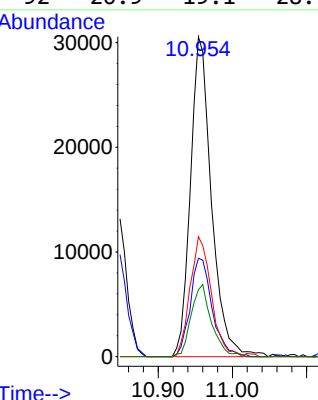
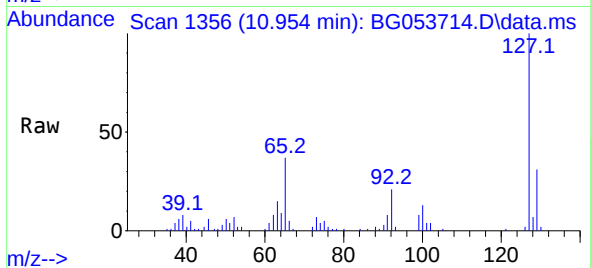
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.3	39.5
65	37.5	31.1	46.7
92	20.9	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/27/2022

Supervised By :Jagrut Upadhyay 05/27/2022



#34

Hexachlorobutadiene

Concen: 42.464 ng

RT: 11.124 min Scan# 1385

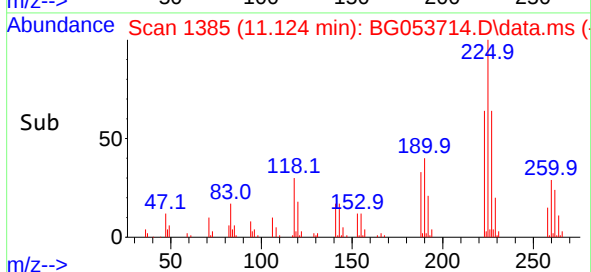
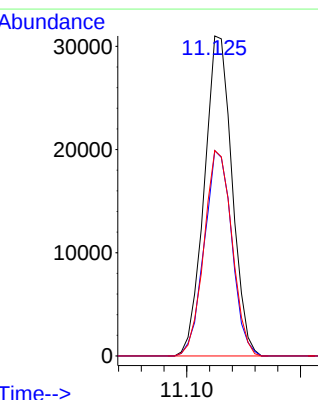
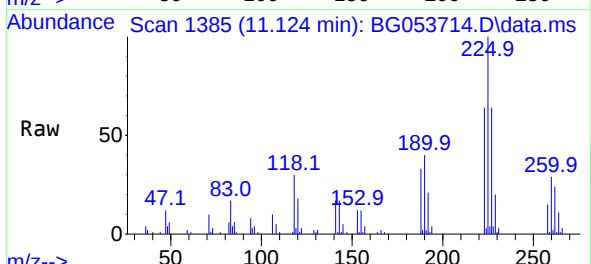
Delta R.T. -0.004 min

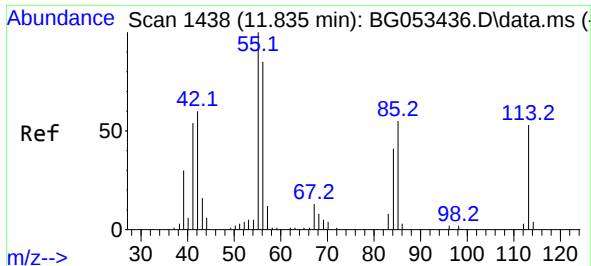
Lab File: BG053714.D

Acq: 26 May 2022 13:02

Tgt Ion:225 Resp: 52457

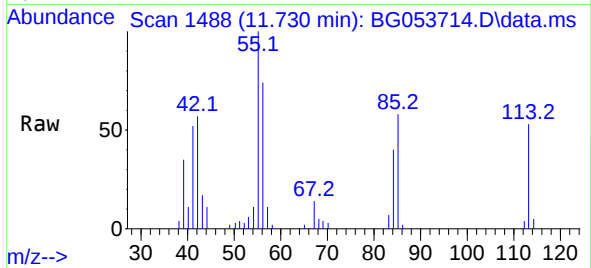
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.9	73.3
227	64.2	52.8	79.2





#35
Caprolactam
Concen: 38.863 ng m
RT: 11.730 min Scan# 14
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

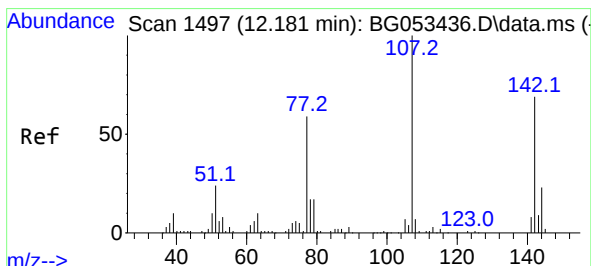
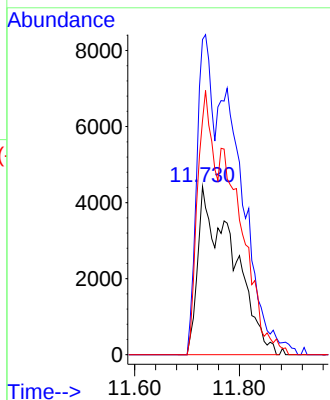
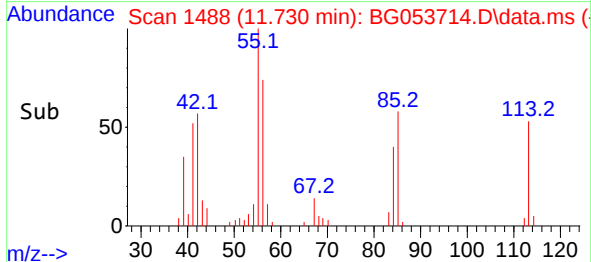
Instrument :
BNA_G
ClientSampleId :
PB145033BS



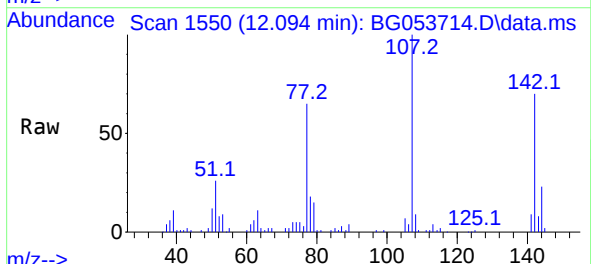
Tgt Ion:113 Resp: 20708
Ion Ratio Lower Upper
113 100
55 187.5 169.8 209.8
56 139.2 141.2 181.2

Manual Integrations
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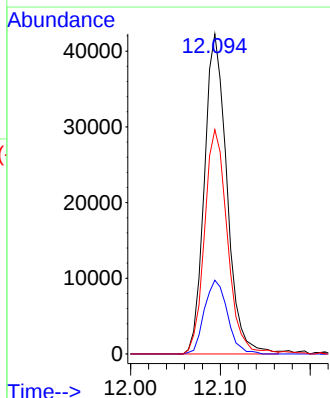
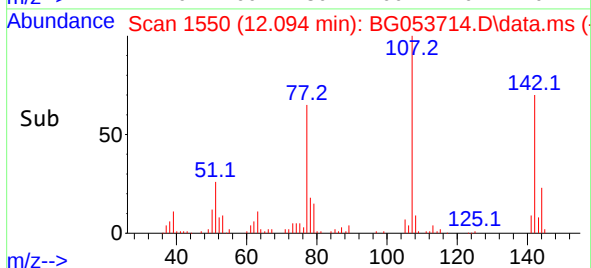
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

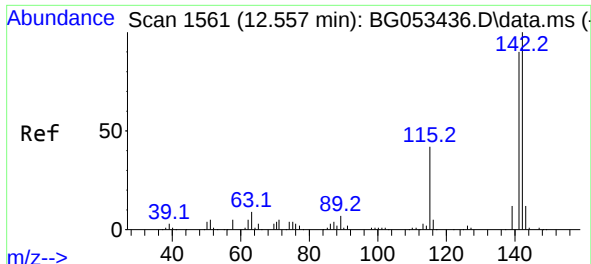


#36
4-Chloro-3-methylphenol
Concen: 41.953 ng
RT: 12.094 min Scan# 1550
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:107 Resp: 73582
Ion Ratio Lower Upper
107 100
144 23.0 18.5 27.7
142 70.1 55.0 82.4





#37
2-Methylnaphthalene
Concen: 41.053 ng
RT: 12.452 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

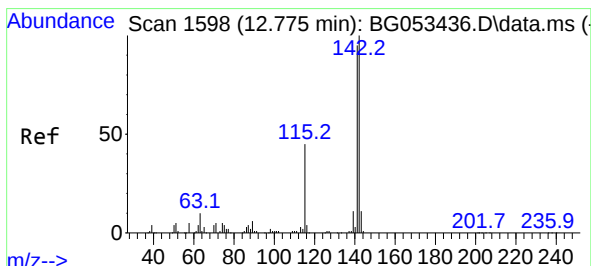
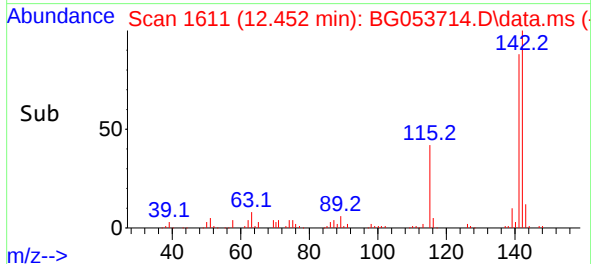
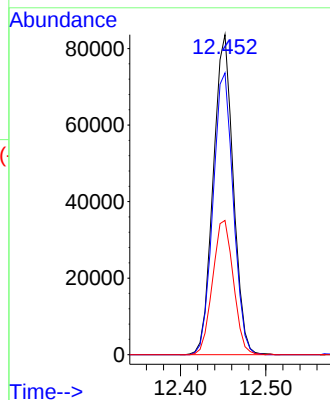
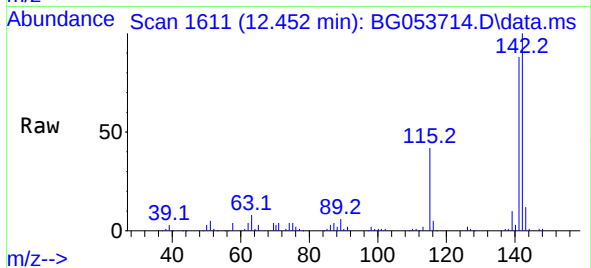
PB145033BS

Tgt Ion:142 Resp: 13661
Ion Ratio Lower Upper
142 100
141 88.1 72.3 108.5
115 42.0 33.7 50.5

Manual Integrations

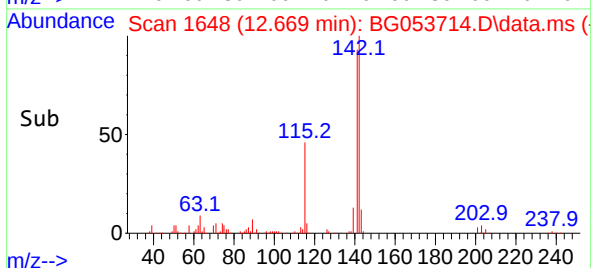
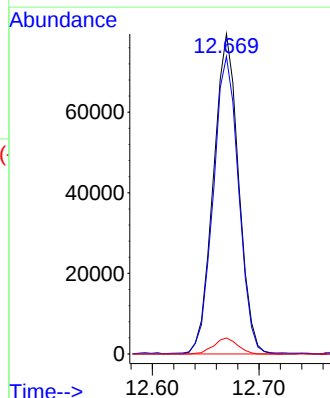
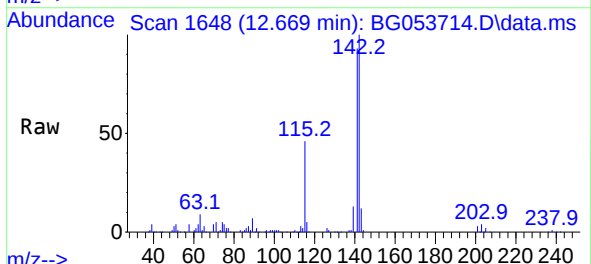
APPROVED

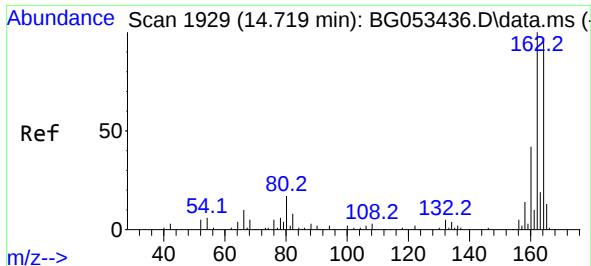
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#38
1-Methylnaphthalene
Concen: 40.016 ng m
RT: 12.669 min Scan# 1648
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:142 Resp: 129924
Ion Ratio Lower Upper
142 100
141 93.0 76.4 114.6
116 5.0 3.3 4.9#





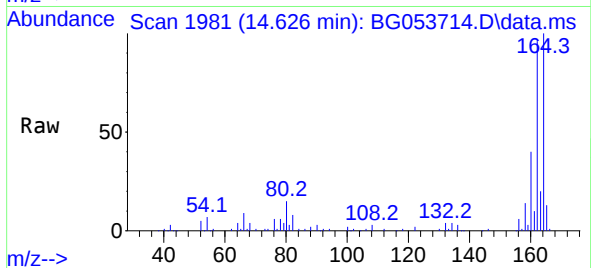
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1929
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

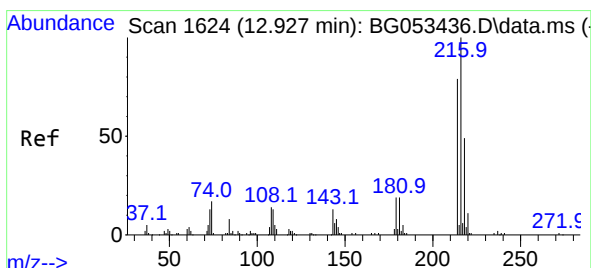
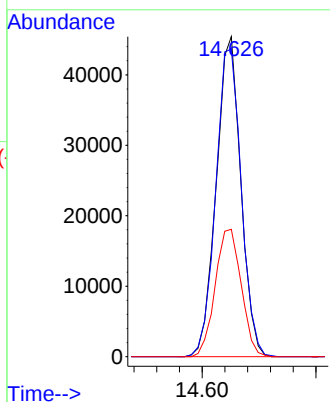
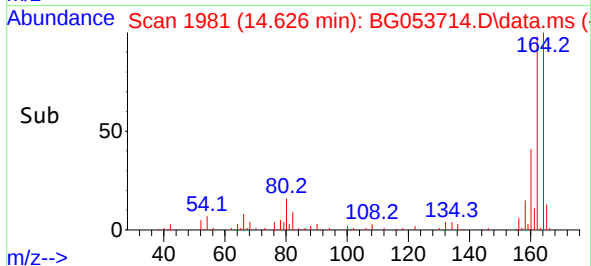


Tgt Ion:164 Resp: 6795
Ion Ratio Lower Upper
164 100
162 96.1 82.3 123.5
160 39.8 34.2 51.2

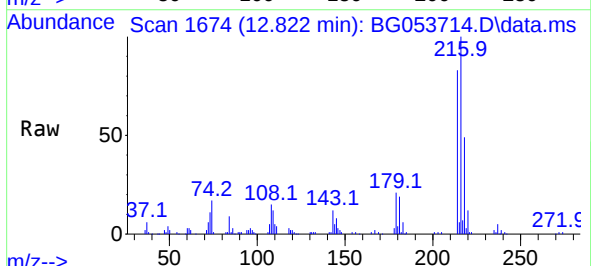
Manual Integrations

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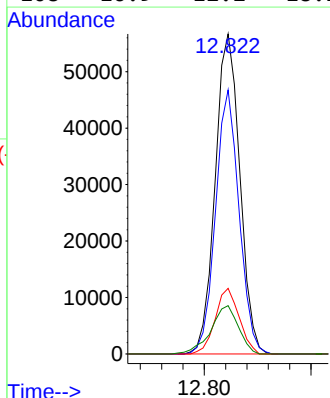
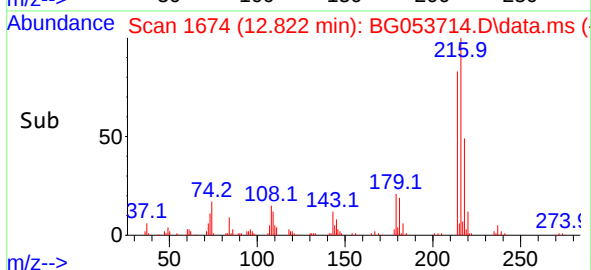
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

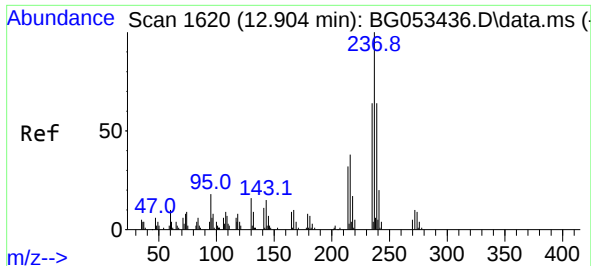


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.343 ng
RT: 12.822 min Scan# 1674
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



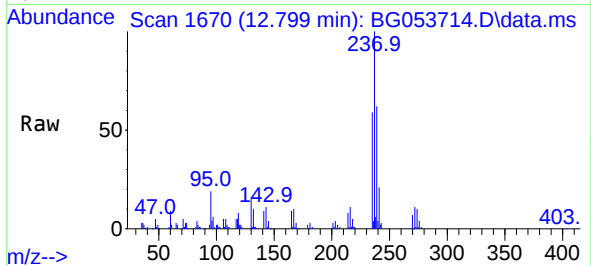
Tgt Ion:216 Resp: 90703
Ion Ratio Lower Upper
216 100
214 78.9 62.9 94.3
179 20.0 16.1 24.1
108 16.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 78.518 ng
RT: 12.799 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

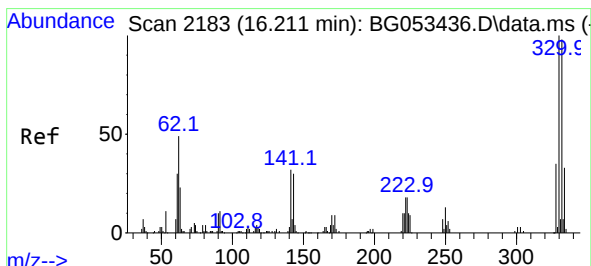
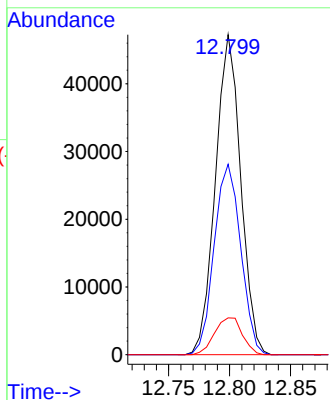
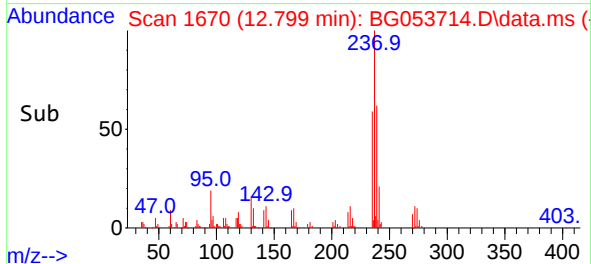
Instrument :
BNA_G
ClientSampleId :
PB145033BS



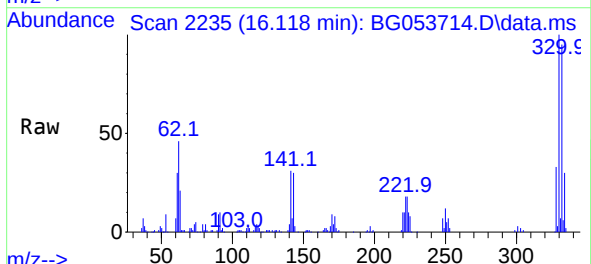
Tgt Ion:237 Resp: 68348
Ion Ratio Lower Upper
237 100
235 59.5 43.5 83.5
272 11.5 0.0 30.1

Manual Integrations
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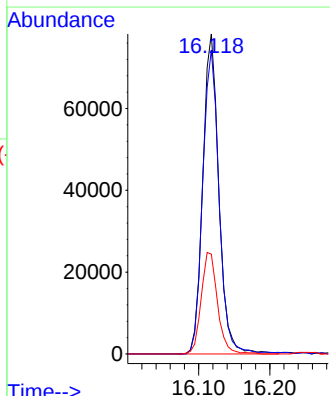
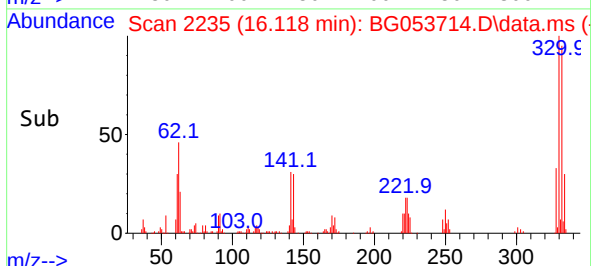
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

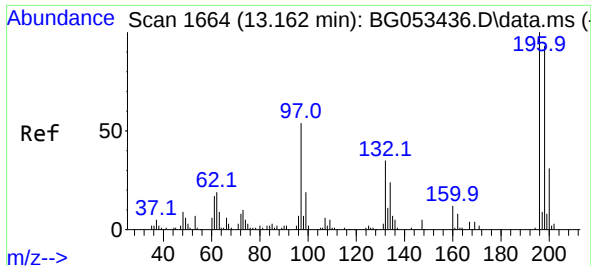


#42
2,4,6-Tribromophenol
Concen: 122.672 ng
RT: 16.118 min Scan# 2235
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:330 Resp: 122953
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 32.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 41.632 ng
RT: 13.069 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

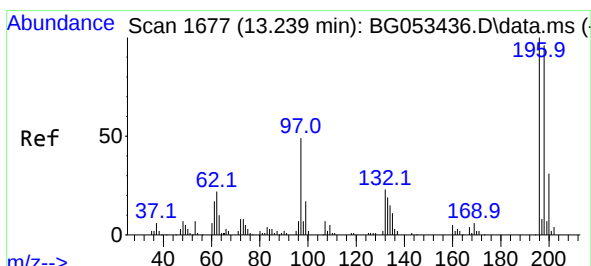
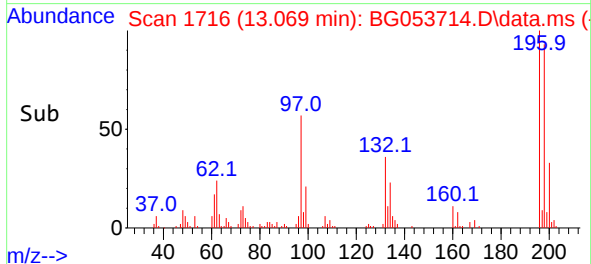
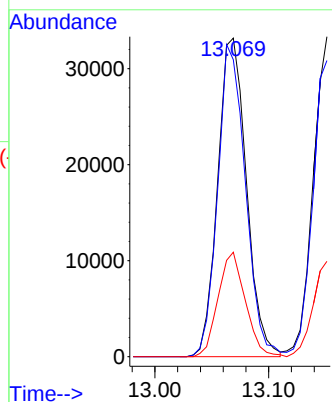
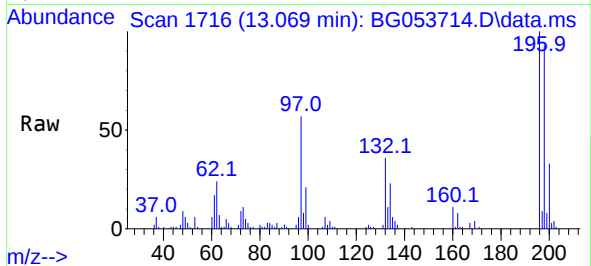
PB145033BS

Tgt Ion:196 Resp: 5821
Ion Ratio Lower Upper
196 100
198 93.2 74.1 111.1
200 32.8 24.7 37.1

Manual Integrations

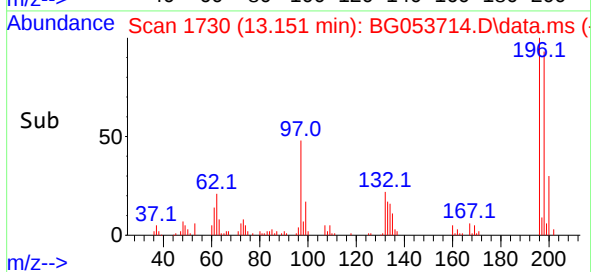
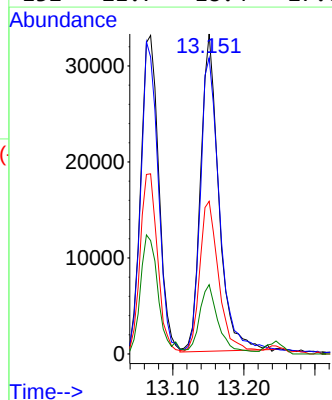
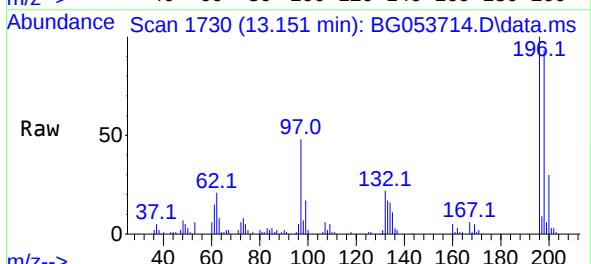
APPROVED

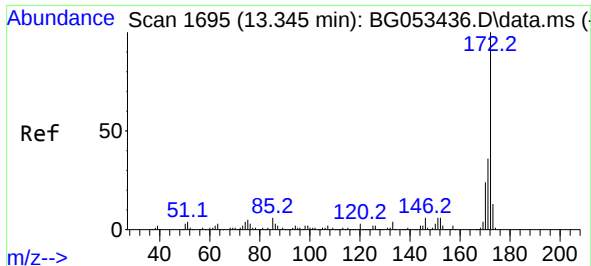
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#44
2,4,5-Trichlorophenol
Concen: 39.493 ng
RT: 13.151 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:196 Resp: 58771
Ion Ratio Lower Upper
196 100
198 92.6 76.8 115.2
97 47.7 39.8 59.6
132 21.7 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 80.352 ng
RT: 13.245 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

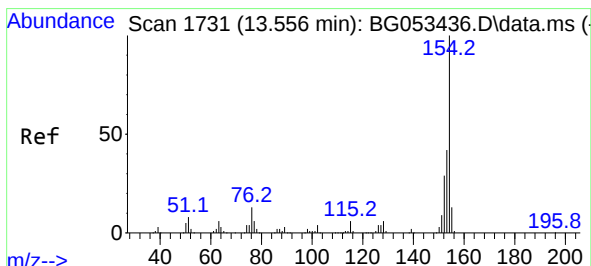
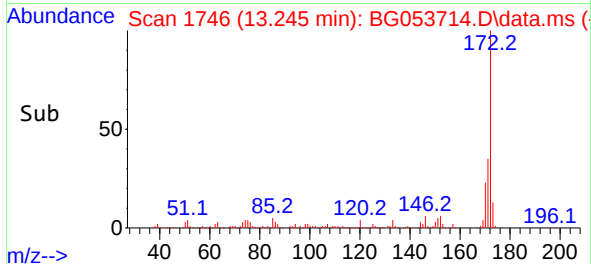
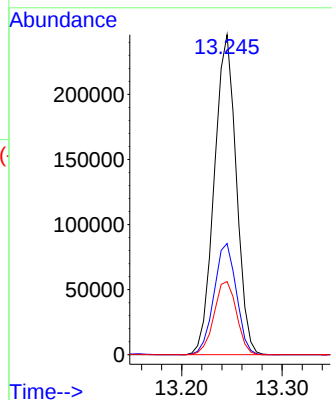
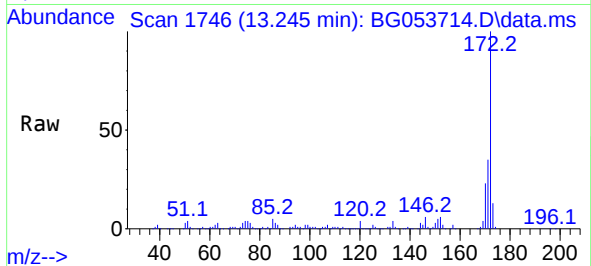
PB145033BS

Tgt Ion:172 Resp: 373679
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.9 18.9 28.3

Manual Integrations

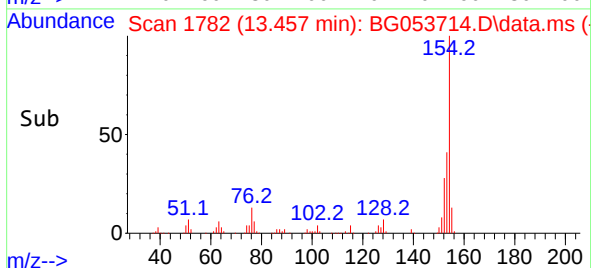
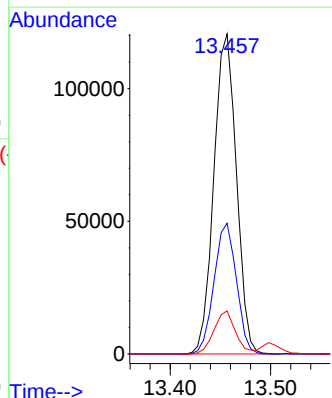
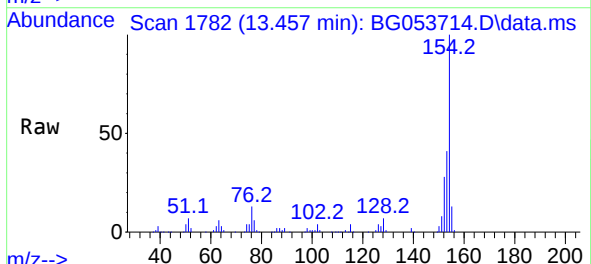
APPROVED

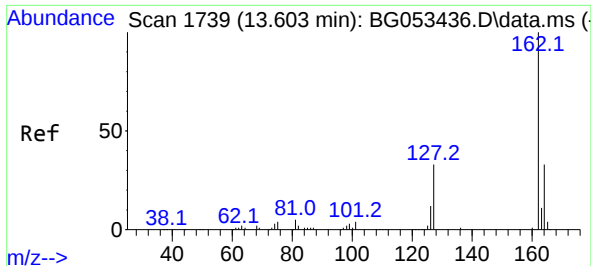
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#46
1,1'-Biphenyl
Concen: 40.582 ng
RT: 13.457 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:154 Resp: 187984
Ion Ratio Lower Upper
154 100
153 40.9 21.6 61.6
76 13.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 40.551 ng
RT: 13.498 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

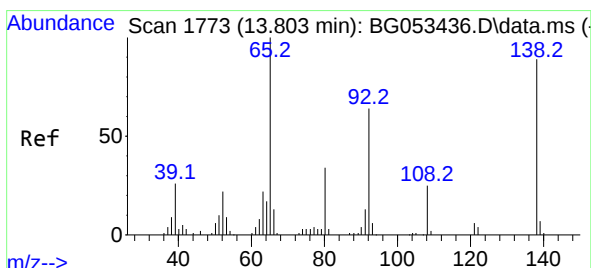
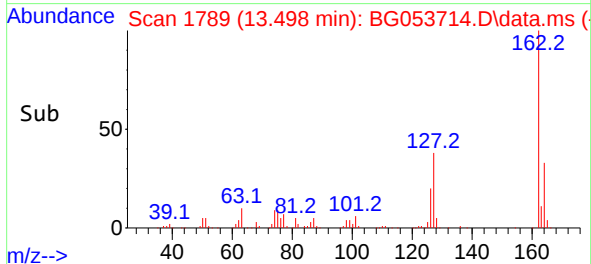
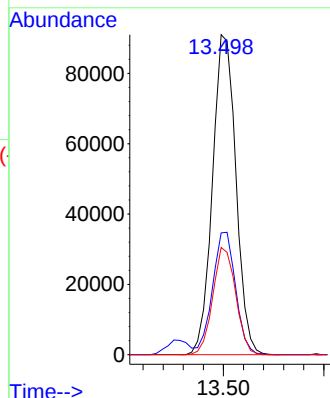
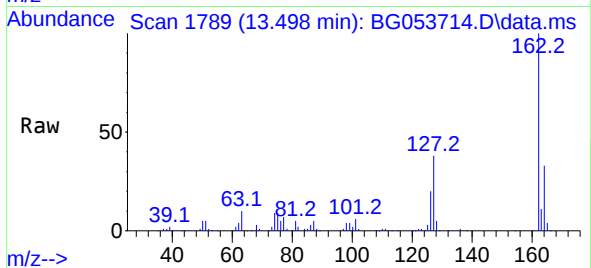
PB145033BS

Tgt Ion:162 Resp: 14716
Ion Ratio Lower Upper
162 100
127 38.1 30.6 45.8
164 33.5 26.5 39.7

Manual Integrations

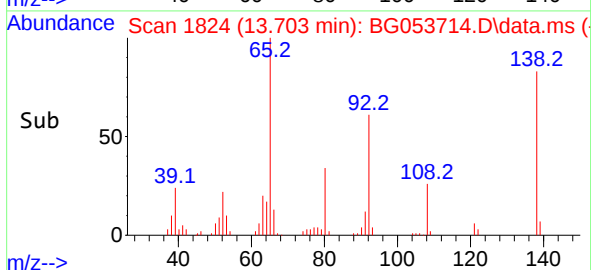
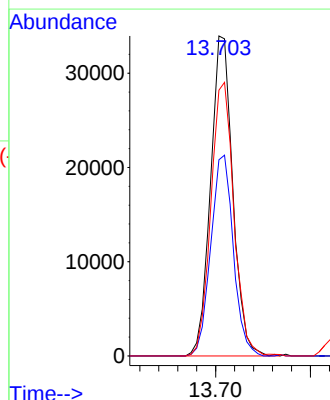
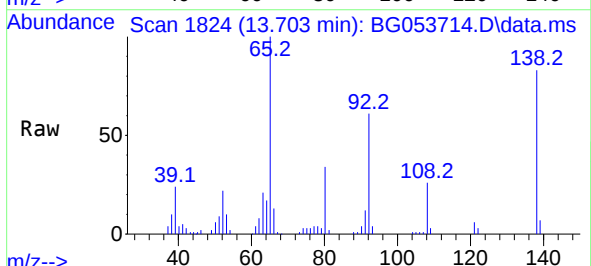
APPROVED

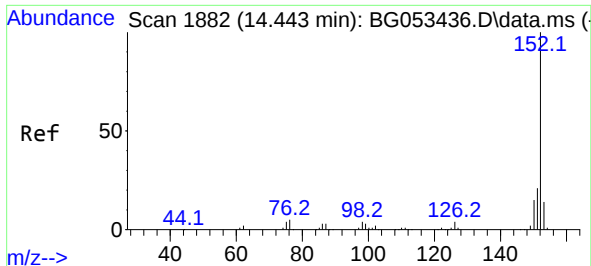
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#48
2-Nitroaniline
Concen: 40.845 ng
RT: 13.703 min Scan# 1824
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion: 65 Resp: 55235
Ion Ratio Lower Upper
65 100
92 61.3 51.5 77.3
138 83.0 71.3 106.9





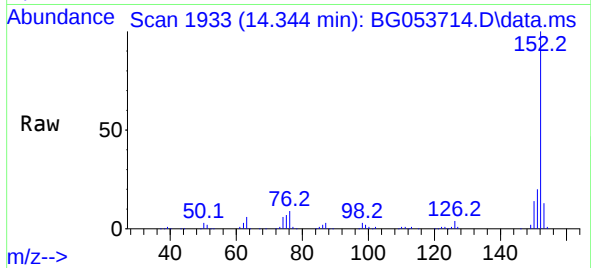
#49
Acenaphthylene
Concen: 42.159 ng
RT: 14.344 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

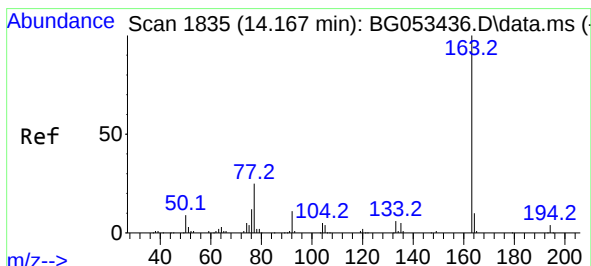
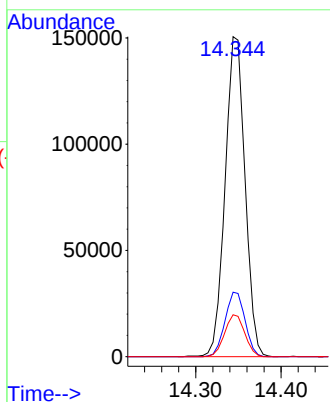
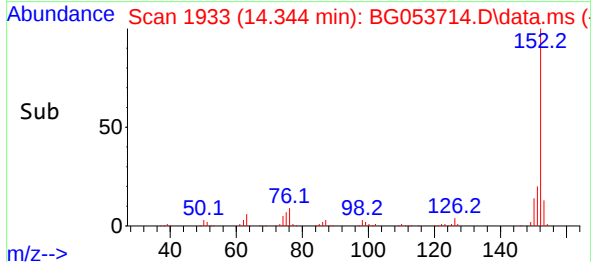


Tgt Ion:152 Resp: 24415
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.1 10.8 16.2

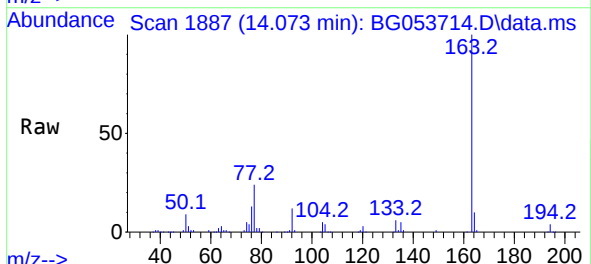
Manual Integrations

APPROVED

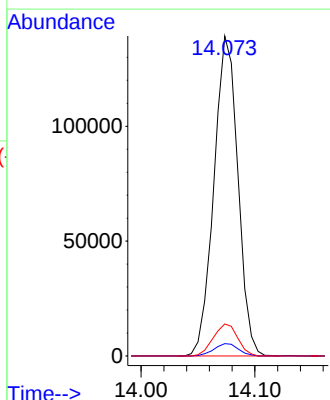
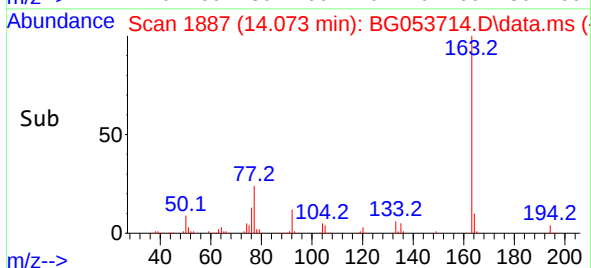
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

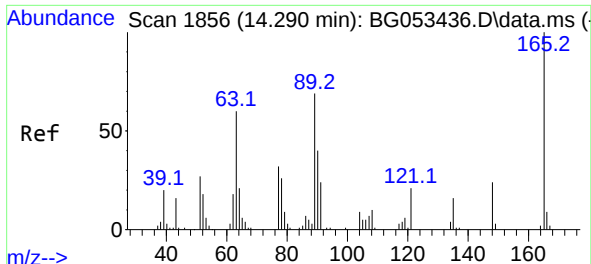


#50
Dimethylphthalate
Concen: 39.564 ng
RT: 14.073 min Scan# 1887
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:163 Resp: 204310
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.227 ng
RT: 14.197 min Scan# 1908
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

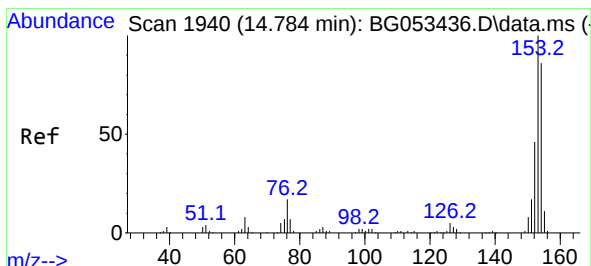
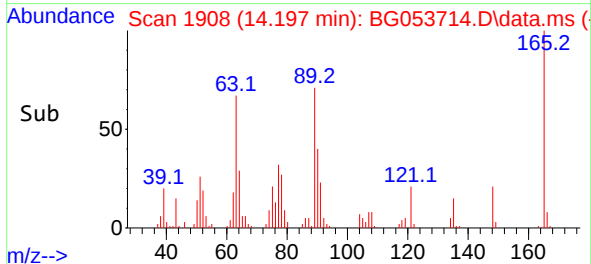
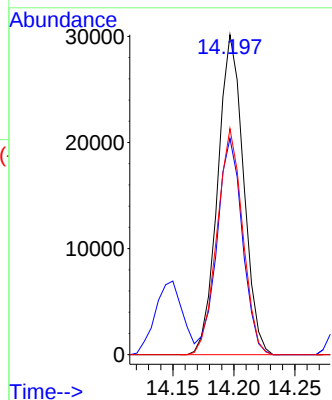
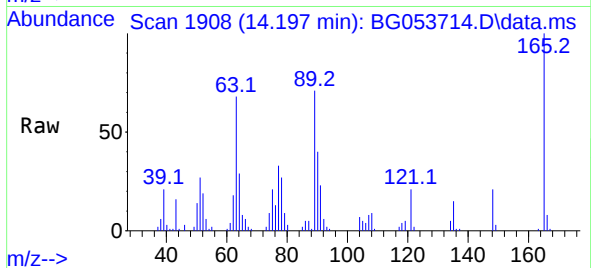
PB145033BS

Tgt Ion:165 Resp: 4442
Ion Ratio Lower Upper
165 100
63 67.6 54.1 81.1
89 70.7 54.8 82.2

Manual Integrations

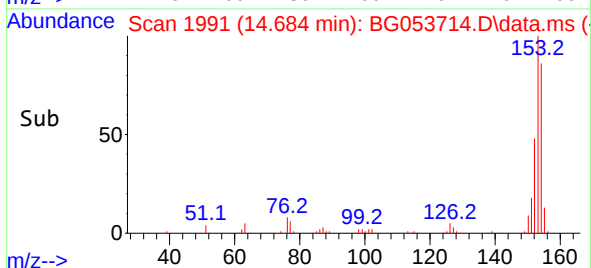
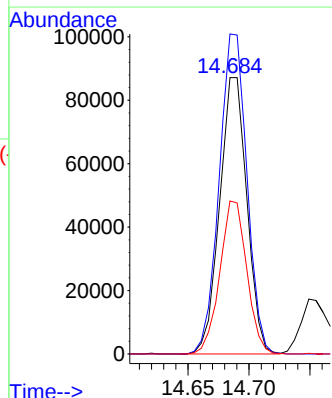
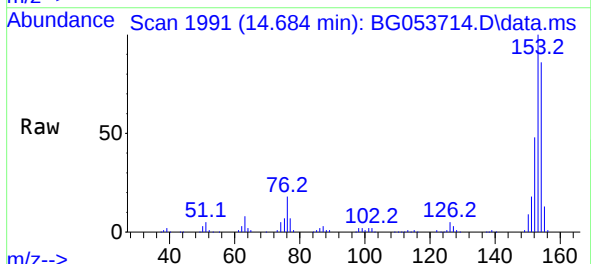
APPROVED

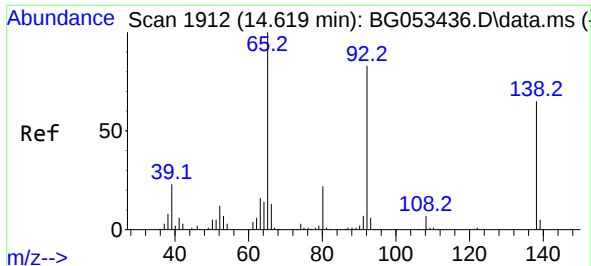
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#52
Acenaphthene
Concen: 39.237 ng
RT: 14.684 min Scan# 1991
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:154 Resp: 135418
Ion Ratio Lower Upper
154 100
153 115.8 92.7 139.1
152 55.4 42.6 64.0





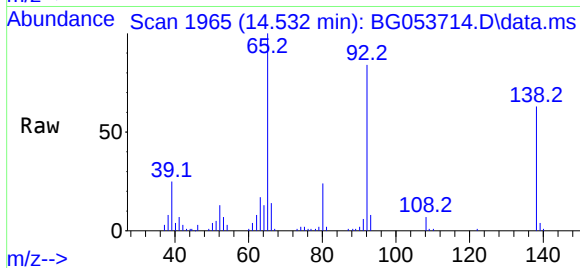
#53
3-Nitroaniline
Concen: 33.244 ng
RT: 14.532 min Scan# 1912
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

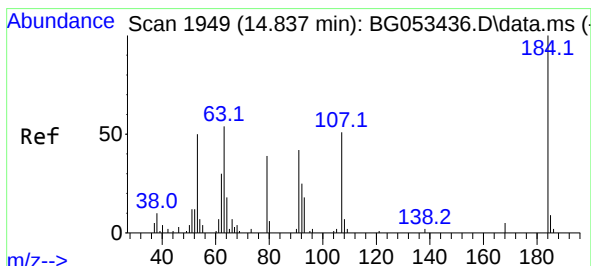
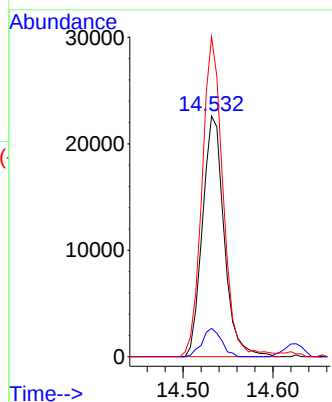
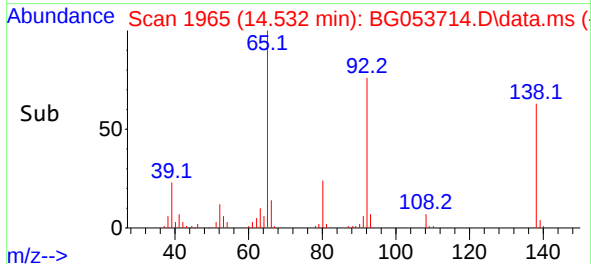


Tgt Ion:138 Resp: 3779
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 132.9 101.9 152.9

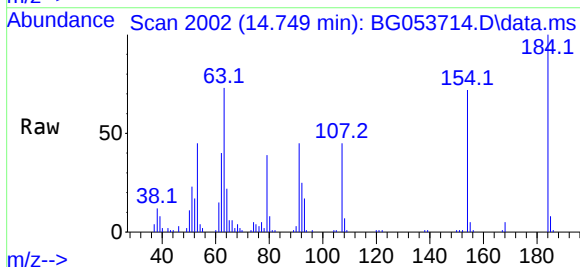
Manual Integrations

APPROVED

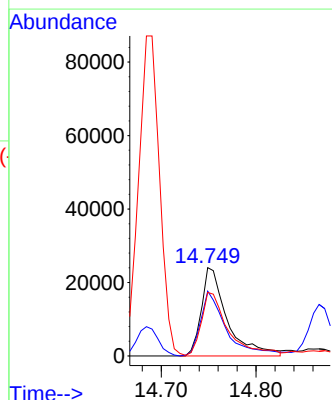
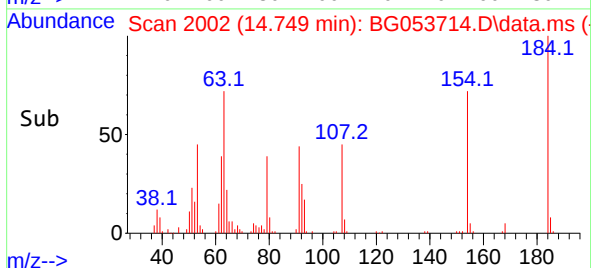
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

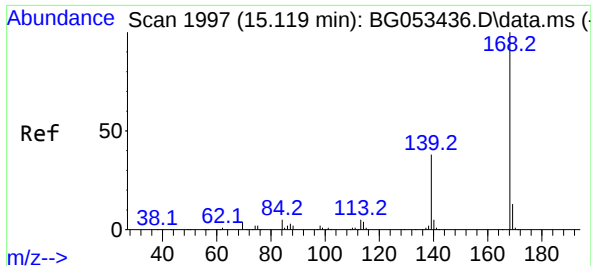


#54
2,4-Dinitrophenol
Concen: 69.235 ng
RT: 14.749 min Scan# 2002
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:184 Resp: 45629
Ion Ratio Lower Upper
184 100
63 73.3 61.1 91.7
154 71.9 60.6 91.0





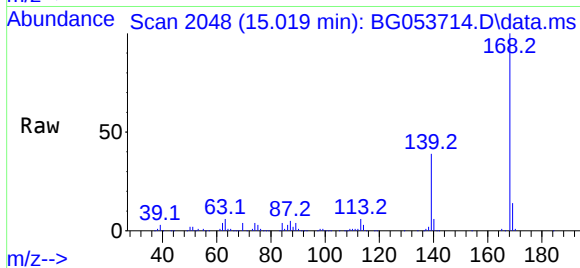
#55
Dibenzenofuran
Concen: 38.486 ng
RT: 15.019 min Scan# 2022
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

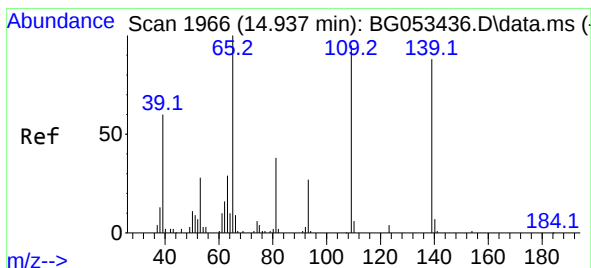
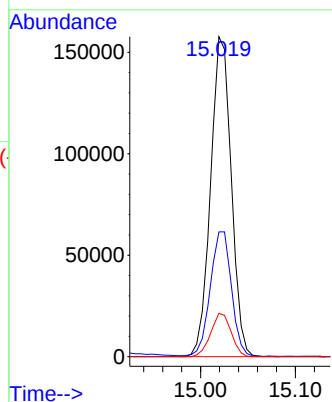
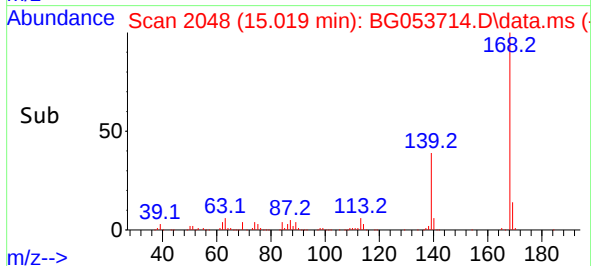


Tgt Ion:168 Resp: 238584
Ion Ratio Lower Upper
168 100
139 39.0 30.5 45.7
169 13.6 10.3 15.5

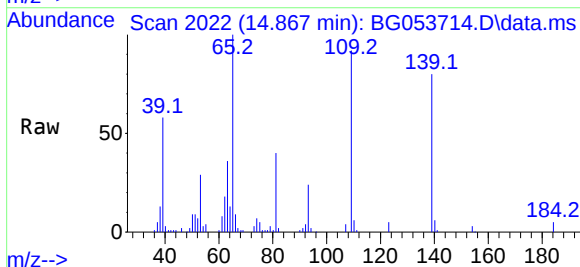
Manual Integrations

APPROVED

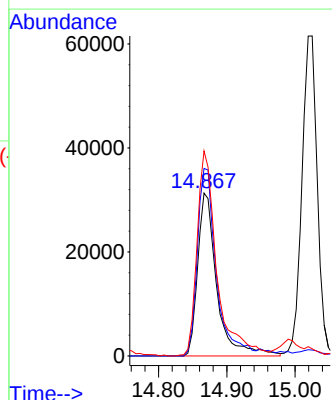
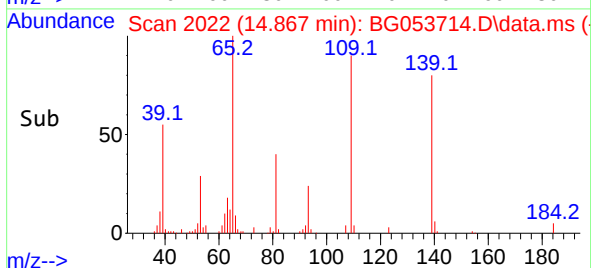
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

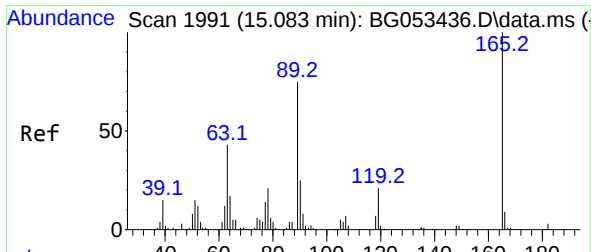


#56
4-Nitrophenol
Concen: 75.466 ng
RT: 14.867 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:139 Resp: 61274
Ion Ratio Lower Upper
139 100
109 115.1 88.5 128.5
65 125.8 93.9 133.9





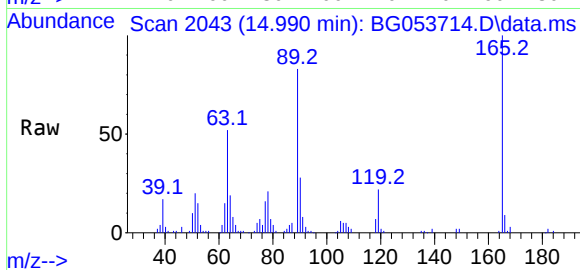
#57
2,4-Dinitrotoluene
Concen: 41.901 ng
RT: 14.990 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

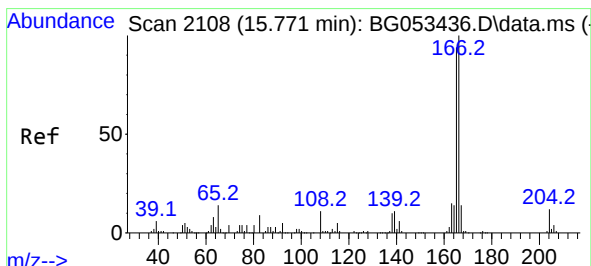
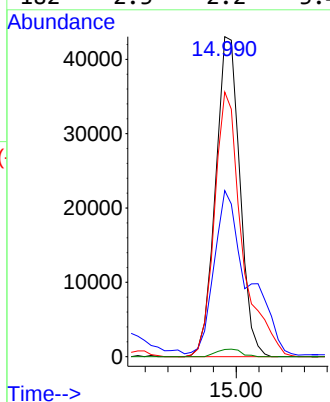
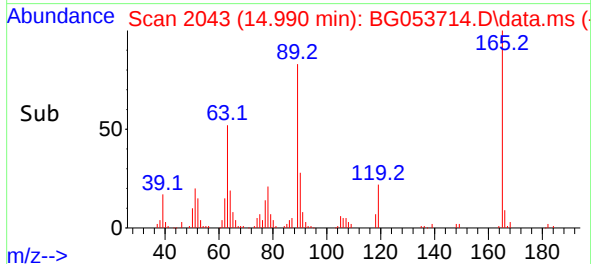


Tgt Ion:165 Resp: 63900
Ion Ratio Lower Upper
165 100
63 51.9 34.6 52.0
89 82.7 60.3 90.5
182 2.3 2.2 3.4

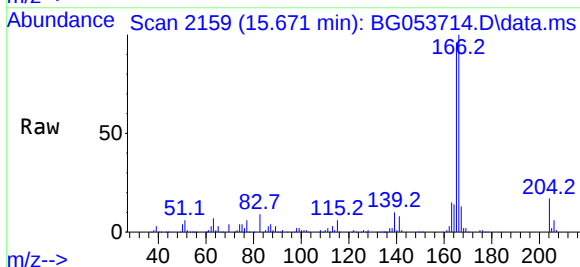
Manual Integrations

APPROVED

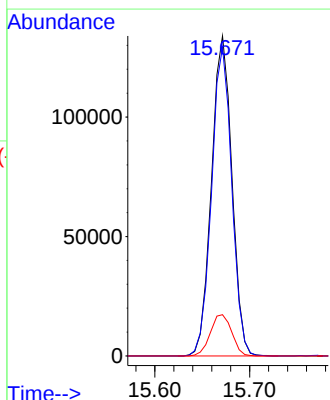
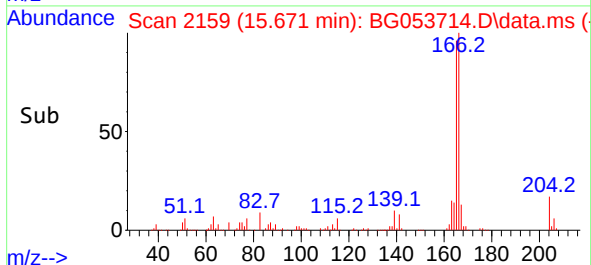
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#58
Fluorene
Concen: 40.239 ng
RT: 15.671 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:166 Resp: 200180
Ion Ratio Lower Upper
166 100
165 96.4 75.0 112.6
167 12.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.413 ng
RT: 15.260 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

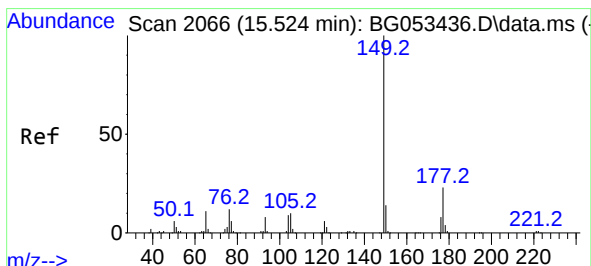
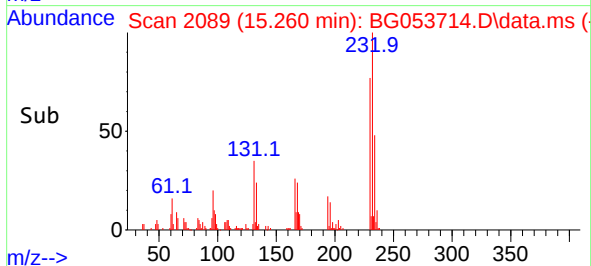
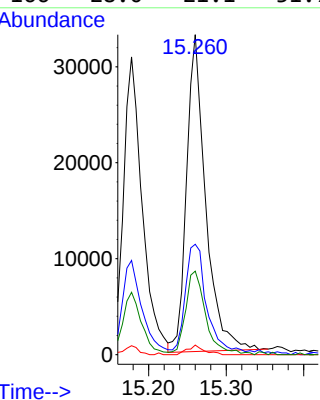
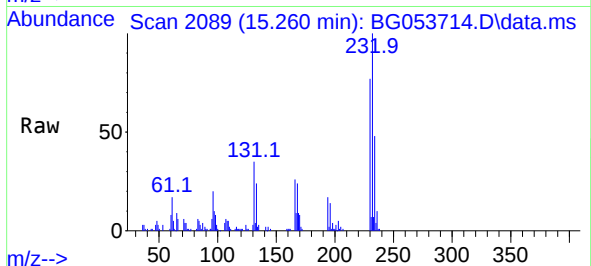
PB145033BS

Tgt Ion:232 Resp: 56490
Ion Ratio Lower Upper
232 100
131 41.1 30.6 46.0
130 2.6 1.8 2.8
166 28.0 21.1 31.7

Manual Integrations

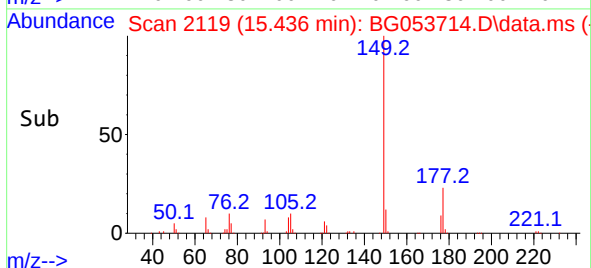
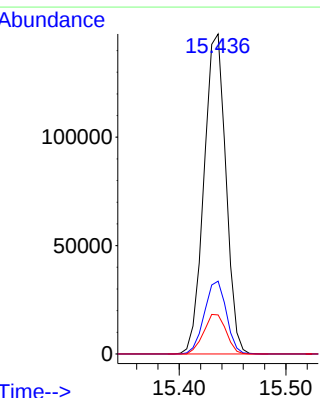
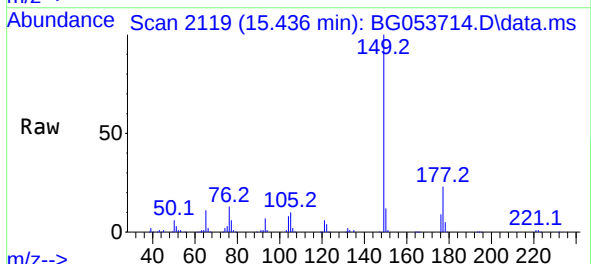
APPROVED

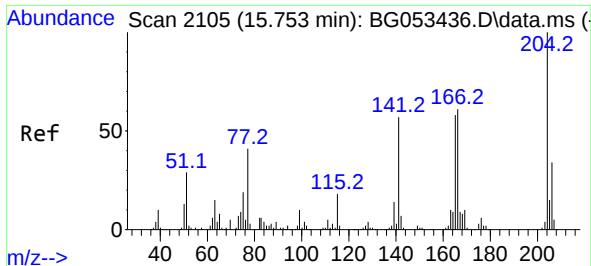
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#60
Diethylphthalate
Concen: 39.336 ng
RT: 15.436 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:149 Resp: 209832
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.2 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 40.100 ng
RT: 15.660 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

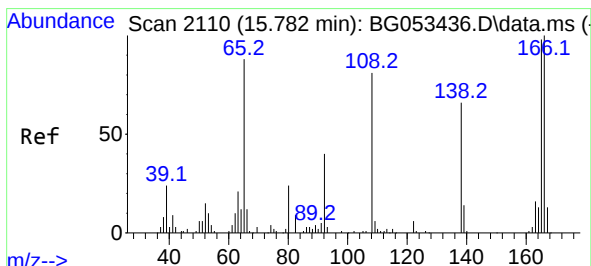
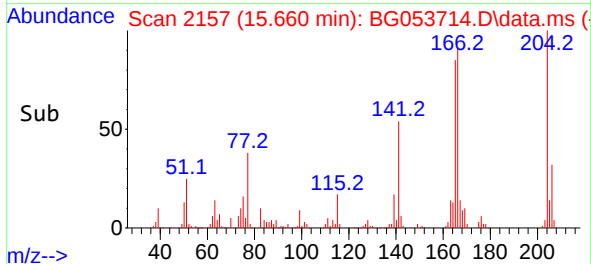
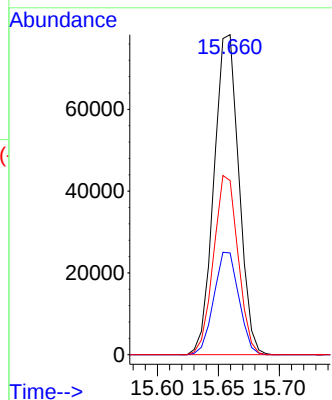
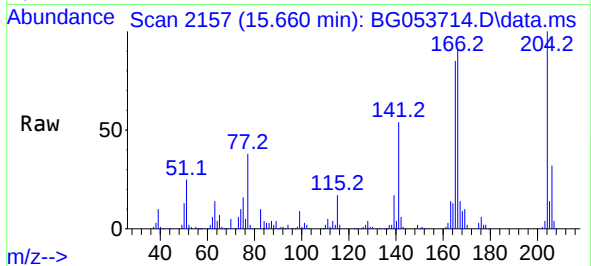
PB145033BS

Tgt Ion:204 Resp: 111310
Ion Ratio Lower Upper
204 100
206 31.8 27.5 41.3
141 54.4 45.3 67.9

Manual Integrations

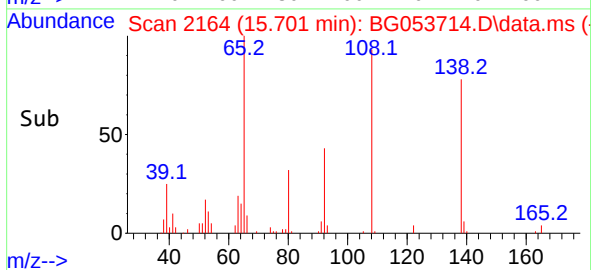
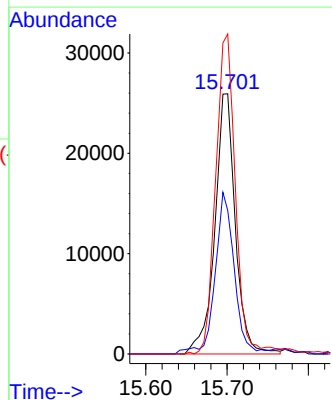
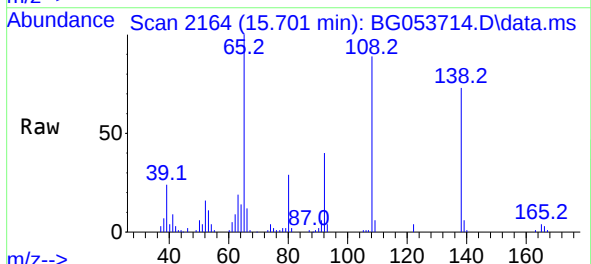
APPROVED

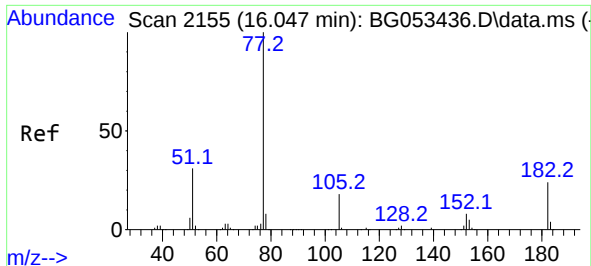
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#62
4-Nitroaniline
Concen: 38.661 ng
RT: 15.701 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:138 Resp: 45584
Ion Ratio Lower Upper
138 100
92 55.1 40.5 80.5
108 123.0 103.7 143.7





#63
Azobenzene
Concen: 38.562 ng
RT: 15.953 min Scan# 21063
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

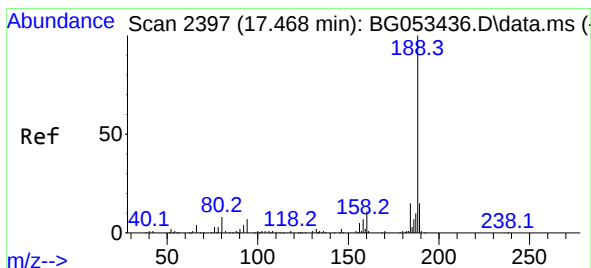
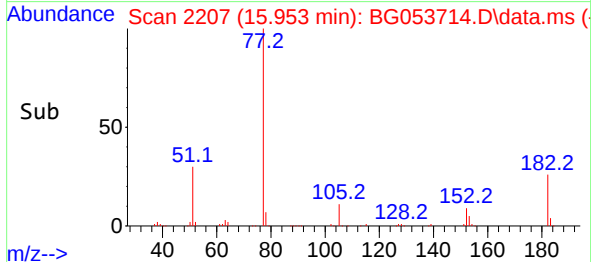
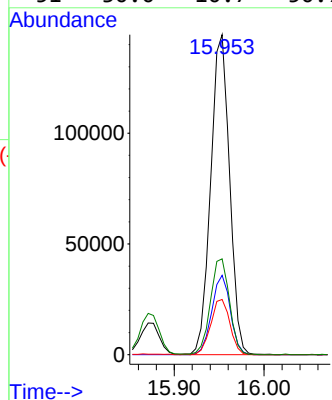
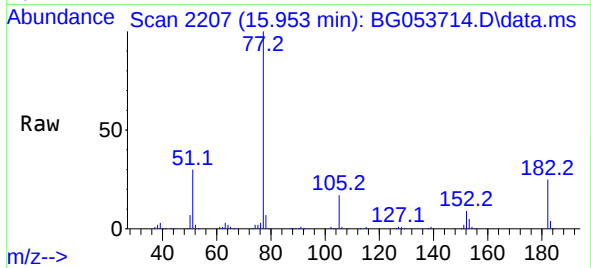
PB145033BS

Tgt Ion: 77 Resp: 21063
Ion Ratio Lower Upper
77 100
182 24.8 3.8 43.8
105 17.3 0.0 37.8
51 30.0 10.7 50.7

Manual Integrations

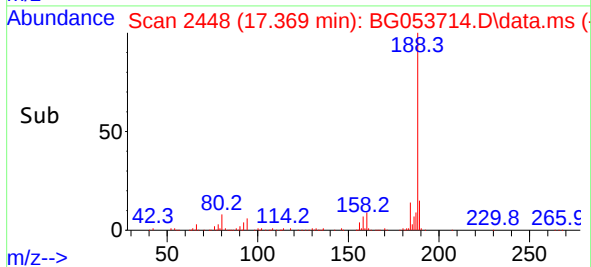
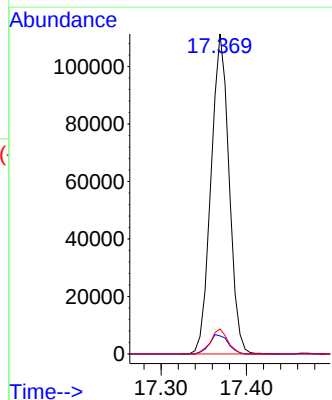
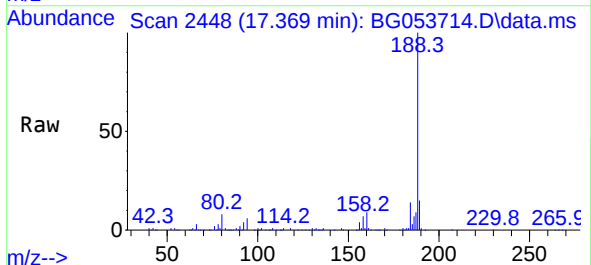
APPROVED

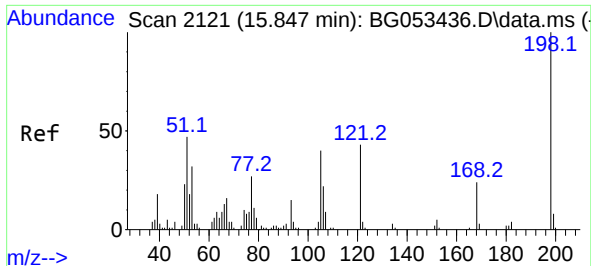
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:188 Resp: 163484
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 7.8 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 39.405 ng
RT: 15.765 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

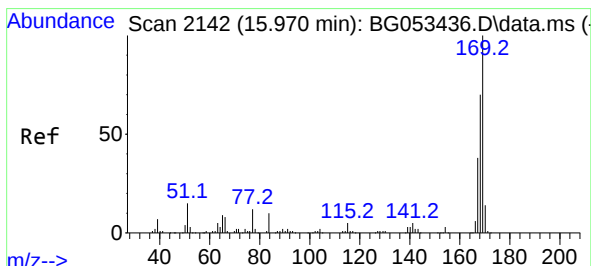
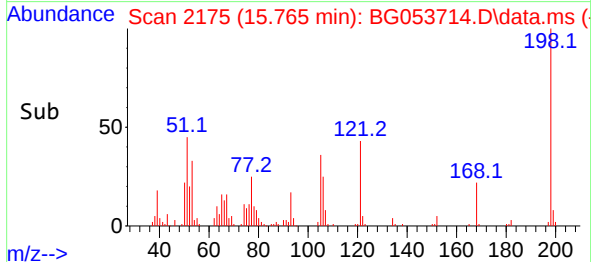
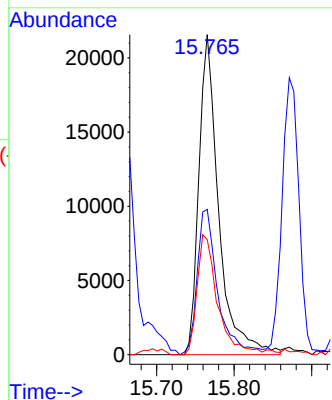
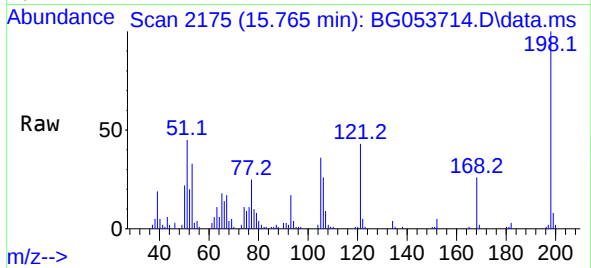
ClientSampleId :

PB145033BS

Tgt Ion:198 Resp: 3838
Ion Ratio Lower Upper
198 100
51 45.4 28.1 68.1
105 35.9 20.3 60.3

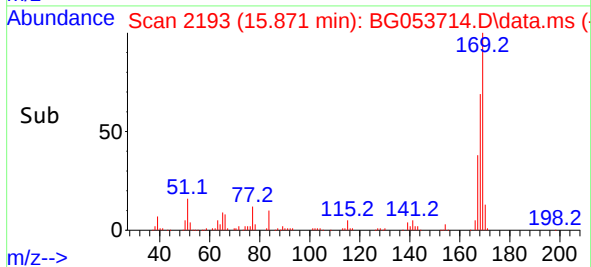
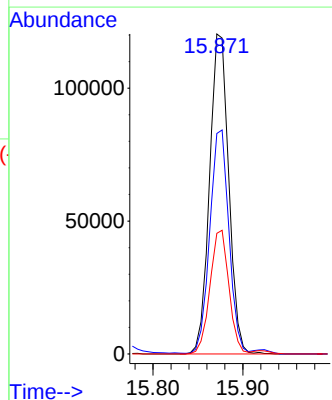
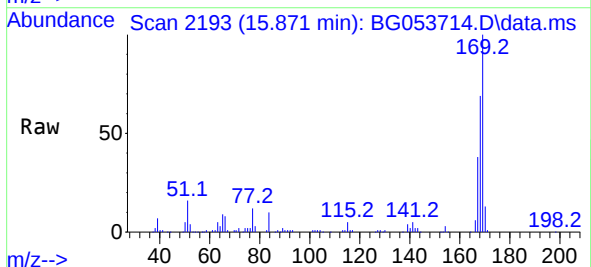
Manual Integrations
APPROVED

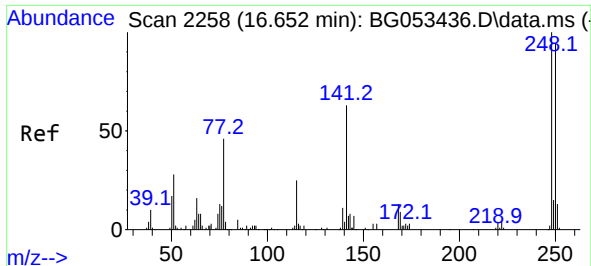
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#66
n-Nitrosodiphenylamine
Concen: 41.512 ng
RT: 15.871 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:169 Resp: 178184
Ion Ratio Lower Upper
169 100
168 68.9 55.9 83.9
167 37.7 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 41.856 ng
RT: 16.552 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

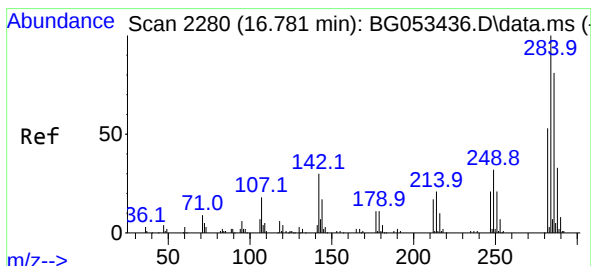
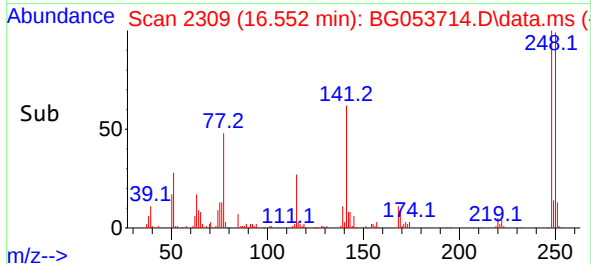
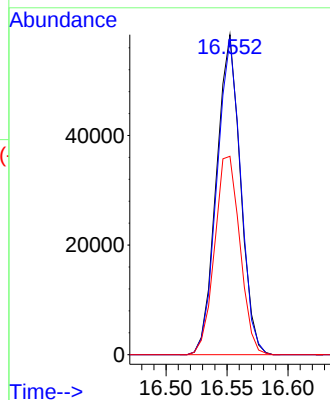
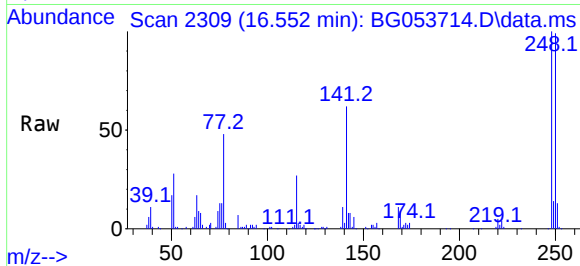
PB145033BS

Tgt Ion:248 Resp: 7991
Ion Ratio Lower Upper
248 100
250 98.6 75.2 112.8
141 62.0 50.0 75.0

Manual Integrations

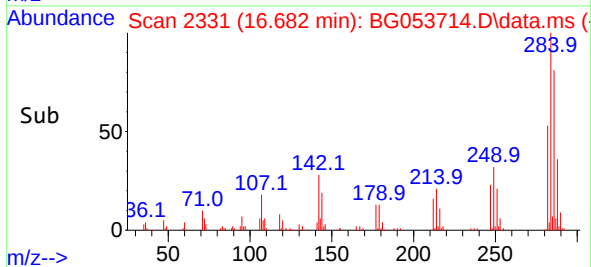
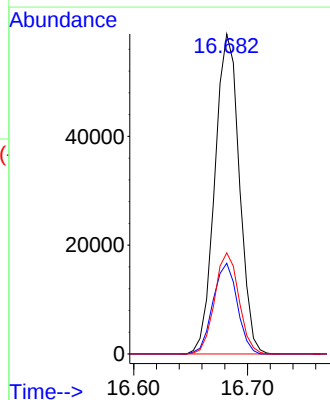
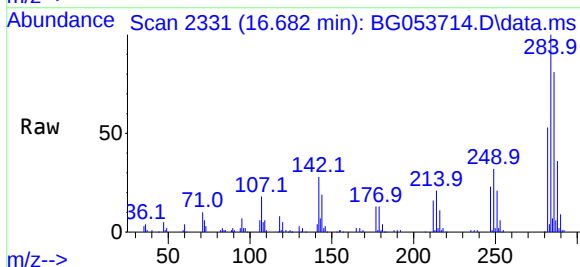
APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#68
Hexachlorobenzene
Concen: 42.066 ng
RT: 16.682 min Scan# 2331
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

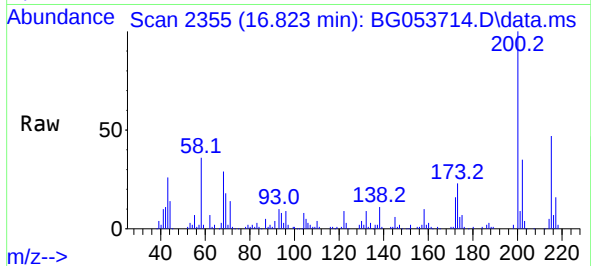
Tgt Ion:284 Resp: 87962
Ion Ratio Lower Upper
284 100
142 28.3 23.6 35.4
249 31.6 25.8 38.6





#69
Atrazine
Concen: 43.534 ng
RT: 16.823 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

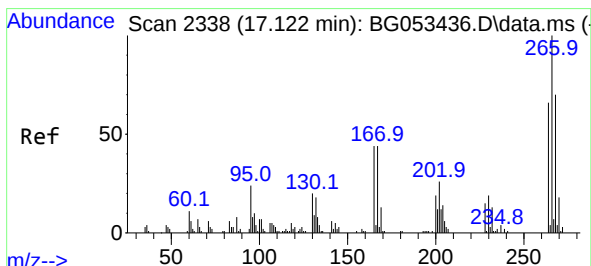
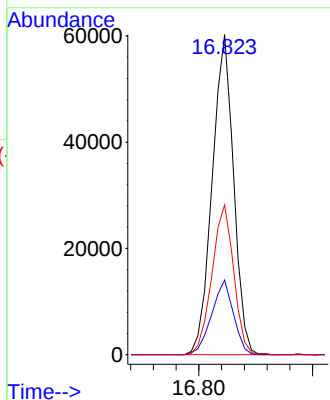
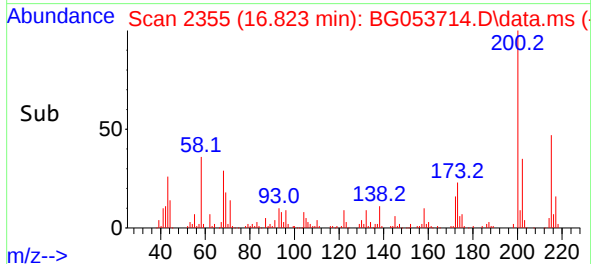
Instrument :
BNA_G
ClientSampleId :
PB145033BS



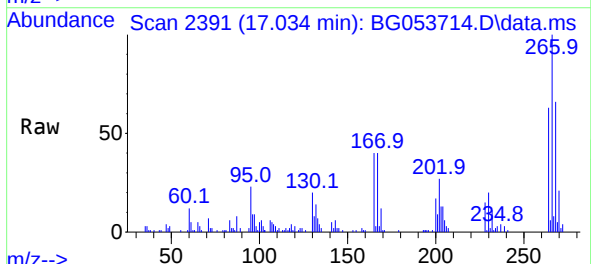
Tgt Ion:200 Resp: 7866
Ion Ratio Lower Upper
200 100
173 23.3 3.7 43.7
215 46.8 25.2 65.2

Manual Integrations
APPROVED

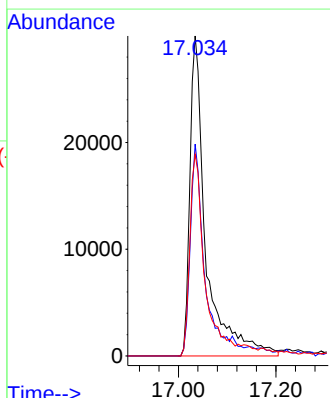
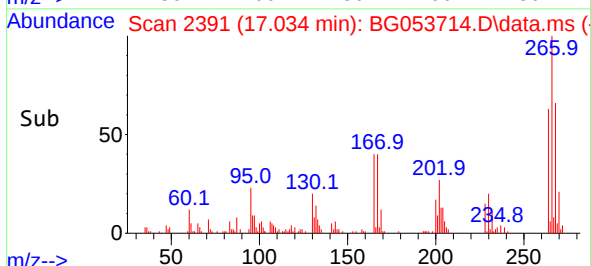
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

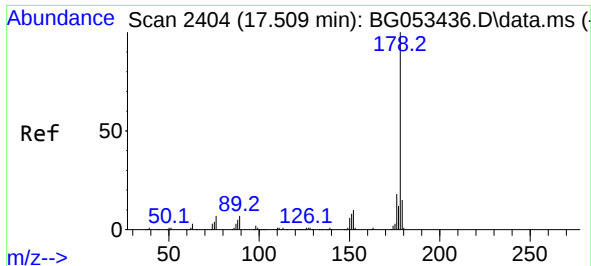


#70
Pentachlorophenol
Concen: 62.164 ng
RT: 17.034 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



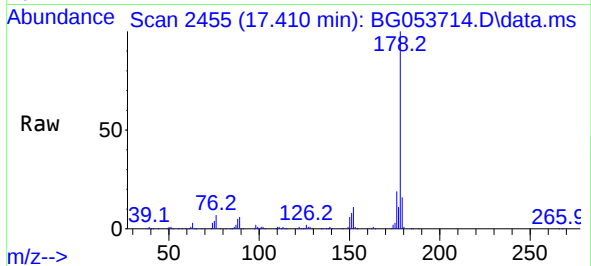
Tgt Ion:266 Resp: 68763
Ion Ratio Lower Upper
266 100
268 66.2 56.2 84.2
264 63.0 53.0 79.4





#71
Phenanthrene
Concen: 40.984 ng
RT: 17.410 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

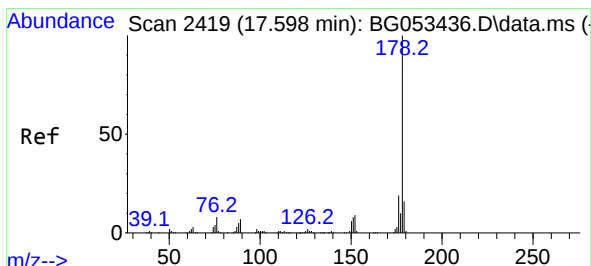
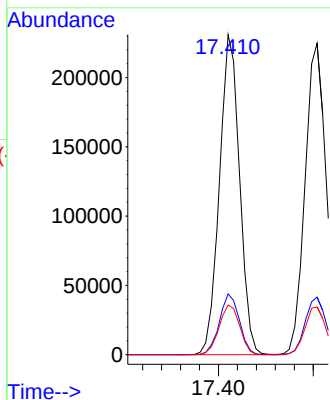
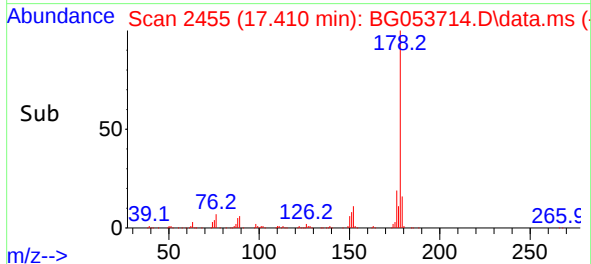
Instrument :
BNA_G
ClientSampleId :
PB145033BS



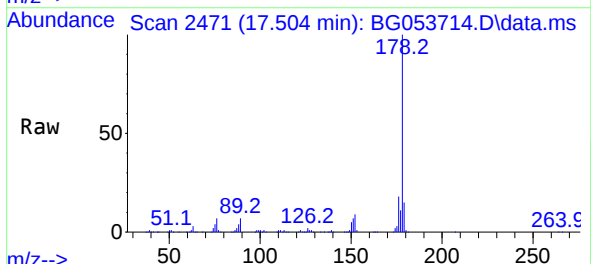
Tgt Ion:178 Resp: 34069
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.5 12.1 18.1

Manual Integrations
APPROVED

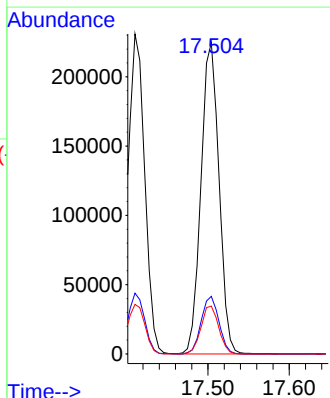
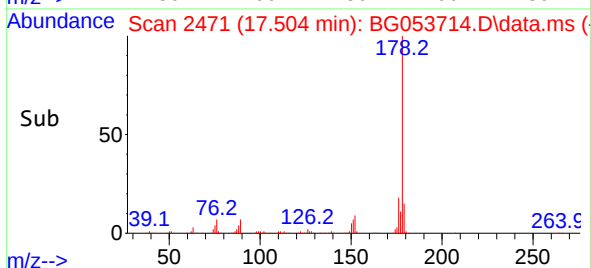
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

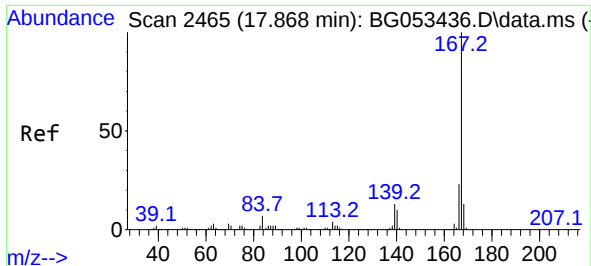


#72
Anthracene
Concen: 42.427 ng
RT: 17.504 min Scan# 2471
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:178 Resp: 346662
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.4 13.0 19.4





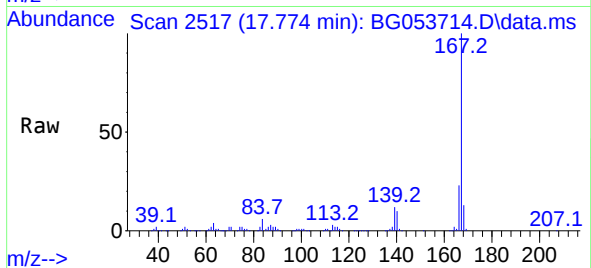
#73
Carbazole
Concen: 39.669 ng
RT: 17.774 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

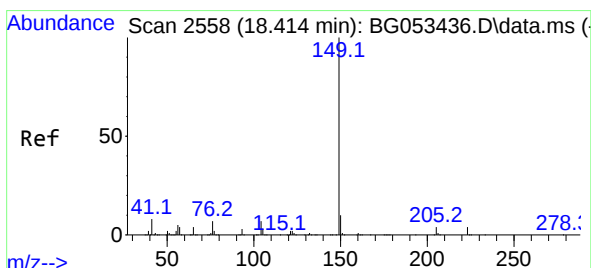
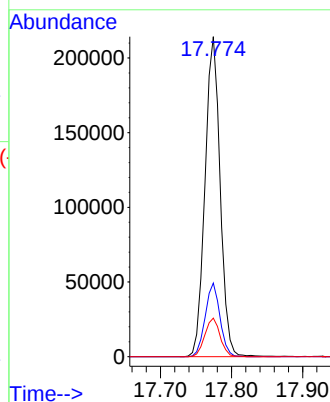
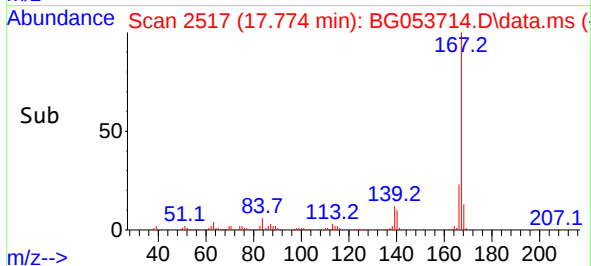


Tgt Ion:167 Resp: 31766
Ion Ratio Lower Upper
167 100
166 23.0 18.2 27.2
139 12.1 10.1 15.1

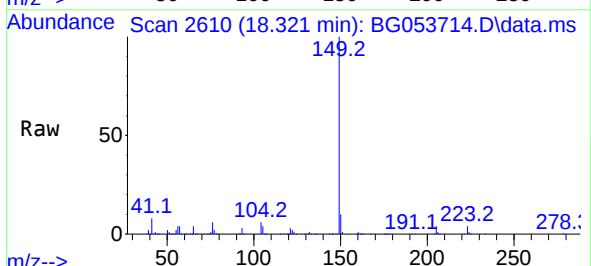
Manual Integrations

APPROVED

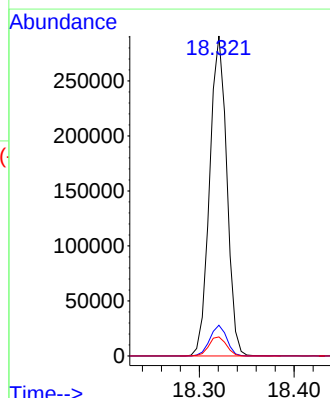
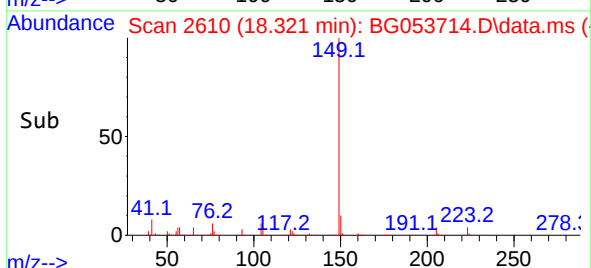
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

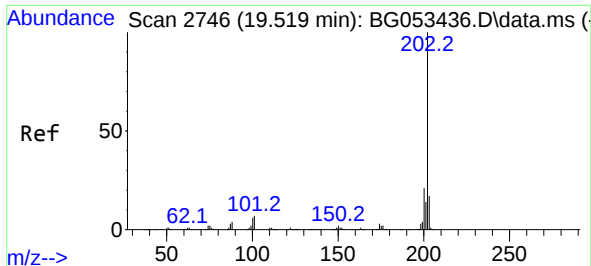


#74
Di-n-butylphthalate
Concen: 40.556 ng
RT: 18.321 min Scan# 2610
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



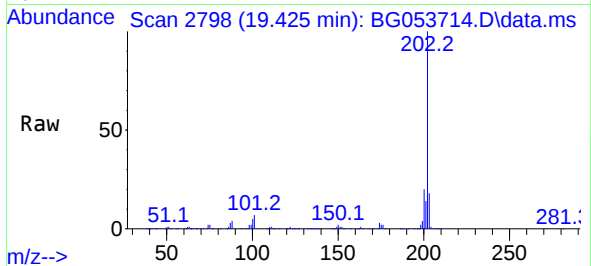
Tgt Ion:149 Resp: 365257
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 6.0 5.4 8.0





#75
Fluoranthene
Concen: 40.618 ng
RT: 19.425 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

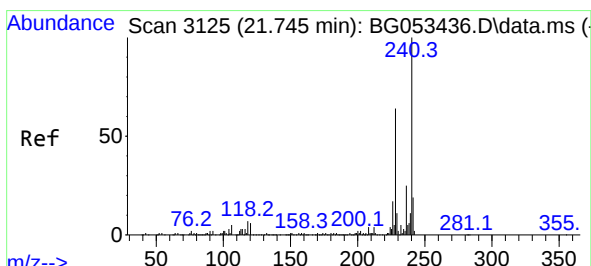
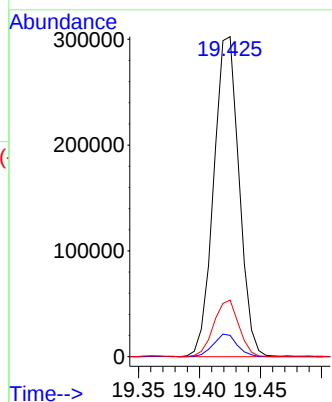
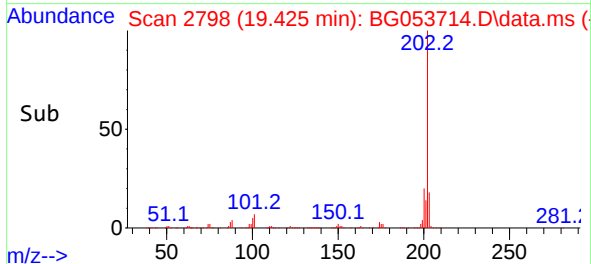
Instrument :
BNA_G
ClientSampleId :
PB145033BS



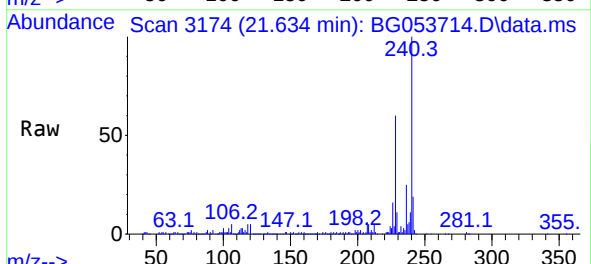
Tgt Ion:202 Resp: 43719
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 17.7 0.0 37.2

Manual Integrations
APPROVED

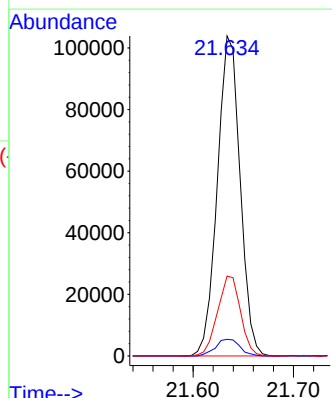
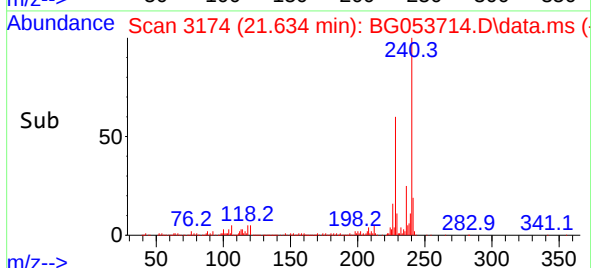
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

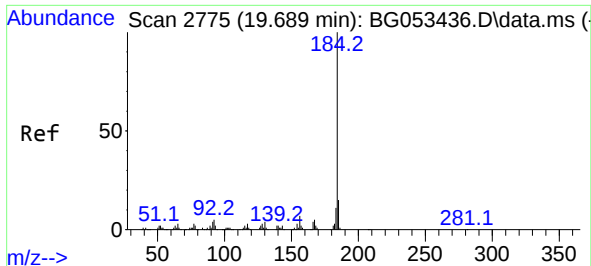


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:240 Resp: 163500
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 25.0 20.2 30.4





#77
Benzidine
Concen: 64.229 ng
RT: 19.595 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

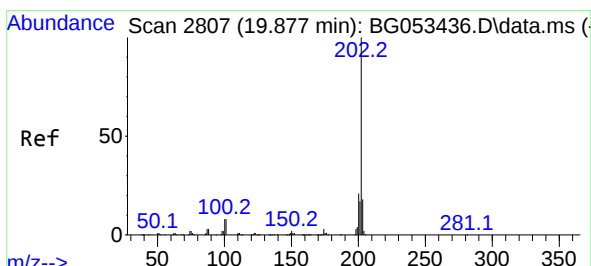
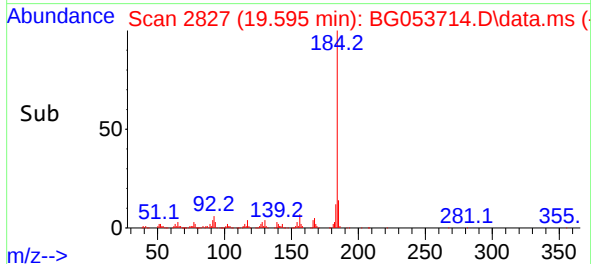
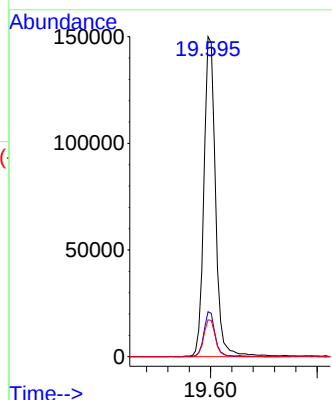
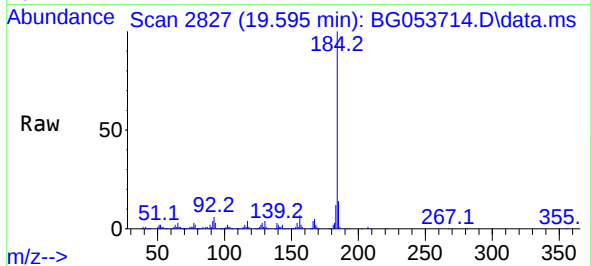
PB145033BS

Tgt Ion:184 Resp: 226340
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 11.5 8.9 13.3

Manual Integrations

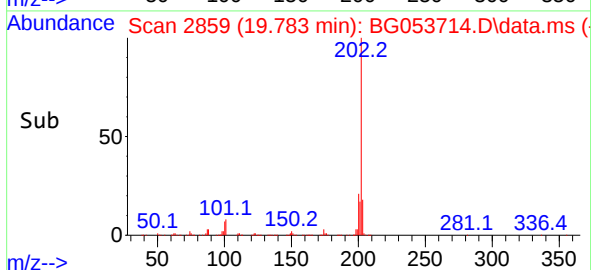
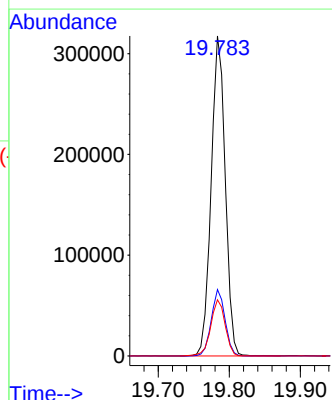
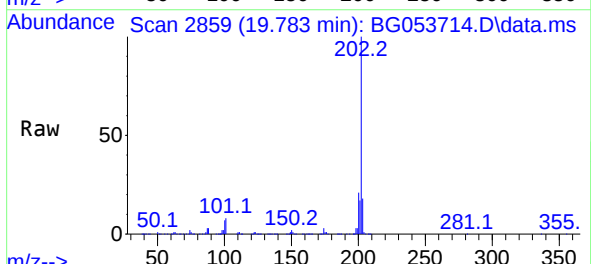
APPROVED

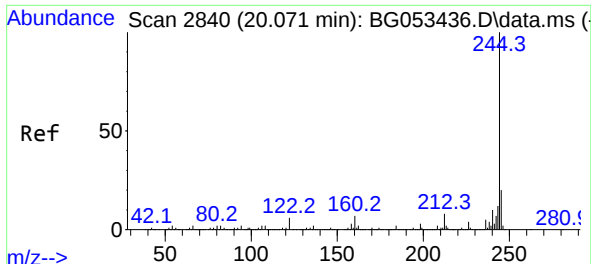
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#78
Pyrene
Concen: 41.333 ng
RT: 19.783 min Scan# 2859
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:202 Resp: 437473
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.6 14.6 21.8





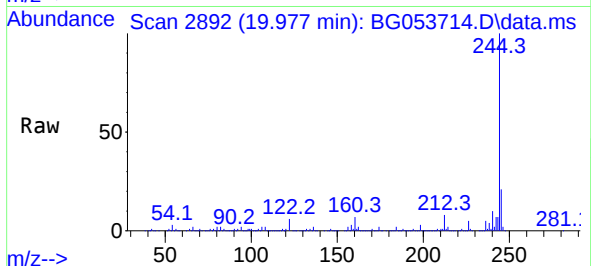
#79
 Terphenyl-d14
 Concen: 85.375 ng
 RT: 19.977 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053714.D
 Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

PB145033BS

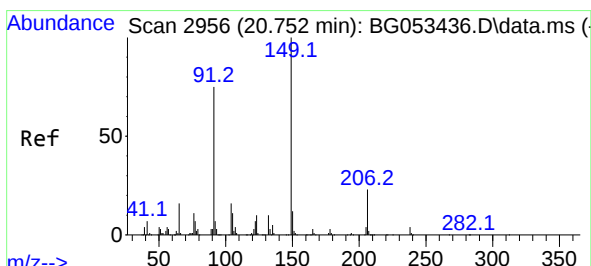
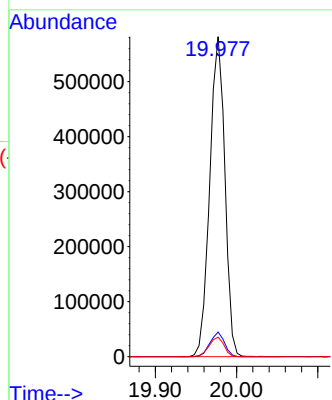
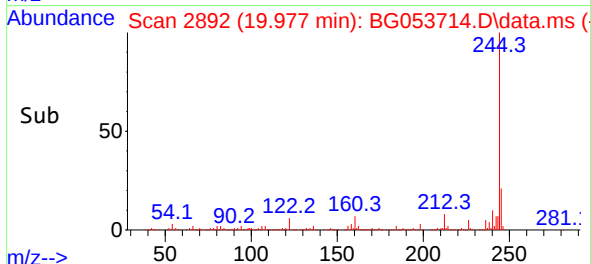


Tgt Ion:244 Resp: 749479
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.1 5.0 7.4

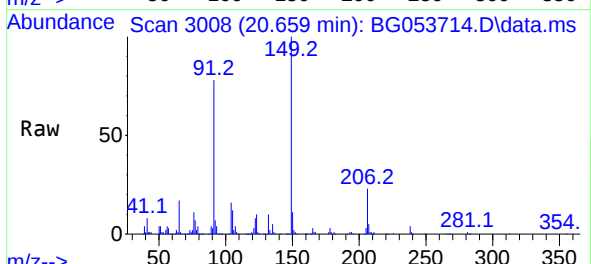
Manual Integrations

APPROVED

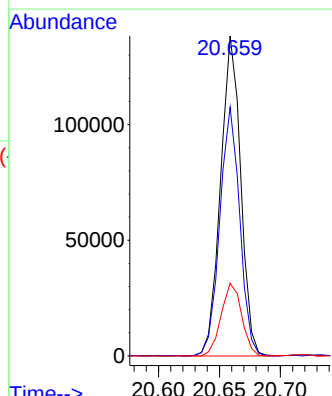
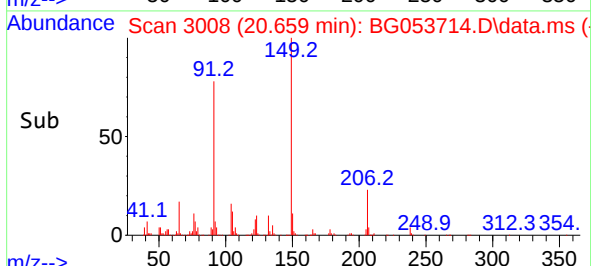
Reviewed By :Christian Giraldo 05/27/2022
 Supervised By :Jagrut Upadhyay 05/27/2022

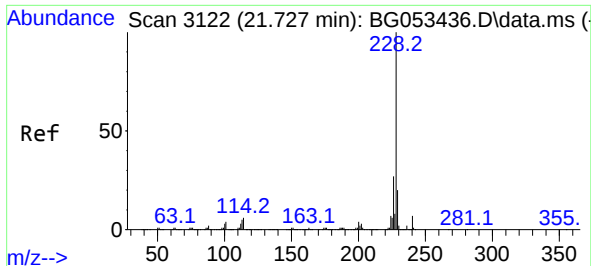


#80
 Butylbenzylphthalate
 Concen: 41.010 ng
 RT: 20.659 min Scan# 3008
 Delta R.T. -0.004 min
 Lab File: BG053714.D
 Acq: 26 May 2022 13:02



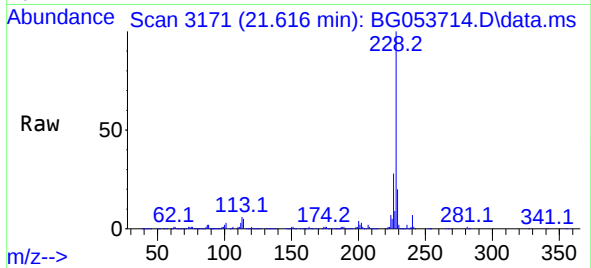
Tgt Ion:149 Resp: 159168
 Ion Ratio Lower Upper
 149 100
 91 77.7 59.6 89.4
 206 22.7 18.6 28.0





#81
Benzo(a)anthracene
Concen: 41.476 ng
RT: 21.616 min Scan# 3117
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

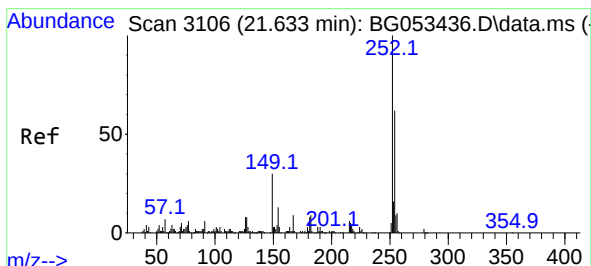
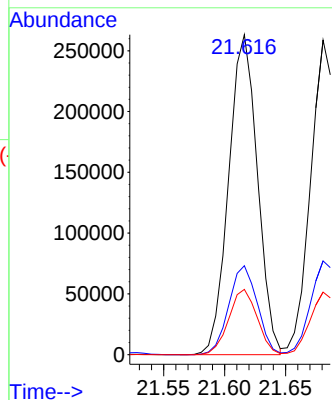
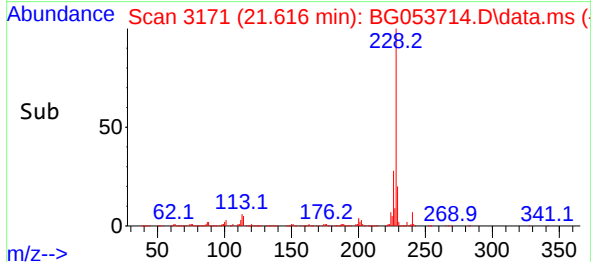
Instrument :
BNA_G
ClientSampleId :
PB145033BS



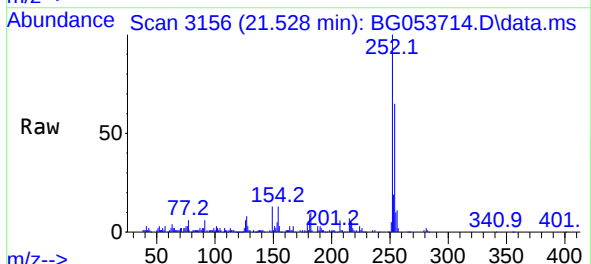
Tgt Ion:228 Resp: 43252
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.4 16.2 24.2

Manual Integrations
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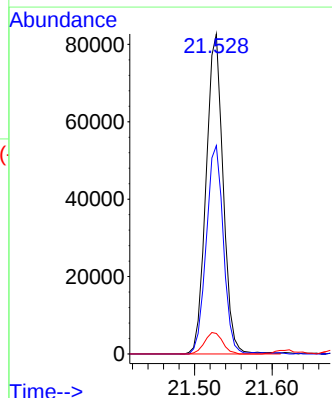
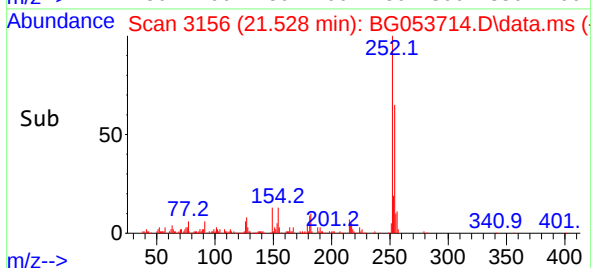
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

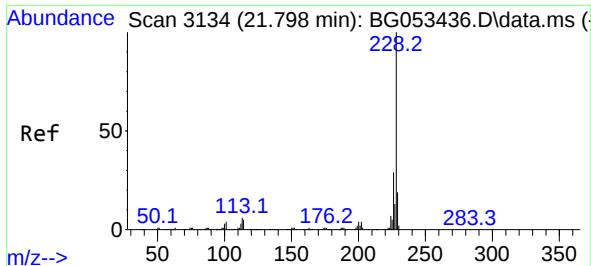


#82
3,3'-Dichlorobenzidine
Concen: 47.589 ng
RT: 21.528 min Scan# 3156
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



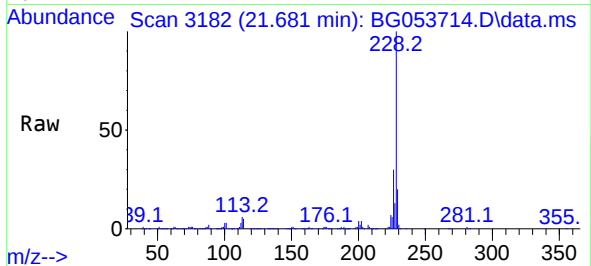
Tgt Ion:252 Resp: 125850
Ion Ratio Lower Upper
252 100
254 65.1 49.8 74.8
126 6.4 6.0 9.0





#83
Chrysene
Concen: 40.809 ng
RT: 21.681 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

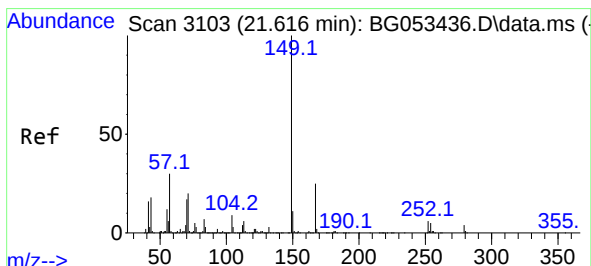
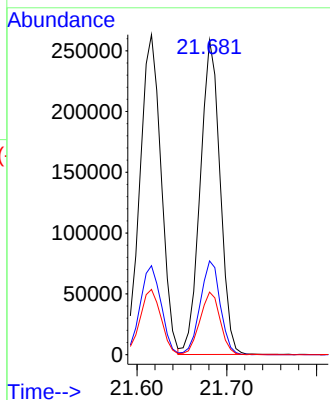
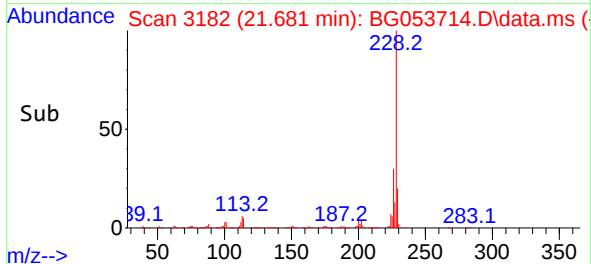
Instrument :
BNA_G
ClientSampleId :
PB145033BS



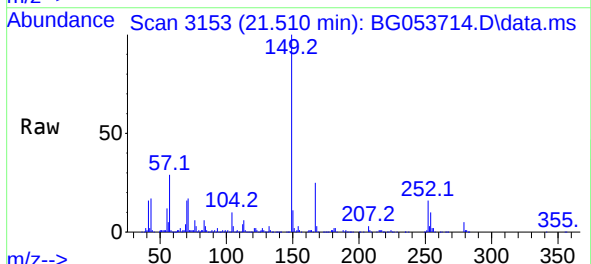
Tgt Ion:228 Resp: 39746
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.2
229 19.9 15.5 23.3

Manual Integrations
APPROVED

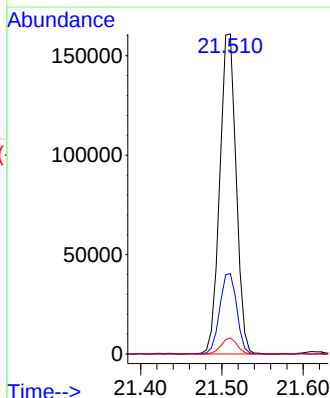
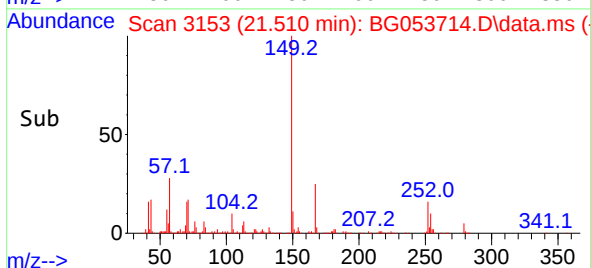
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

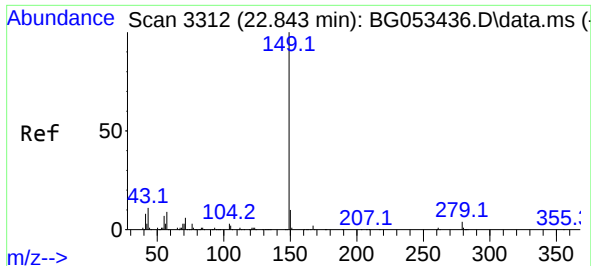


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.232 ng
RT: 21.510 min Scan# 3153
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



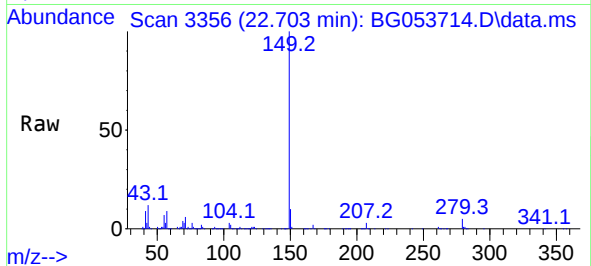
Tgt Ion:149 Resp: 226233
Ion Ratio Lower Upper
149 100
167 25.1 20.2 30.4
279 5.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 42.571 ng
RT: 22.703 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

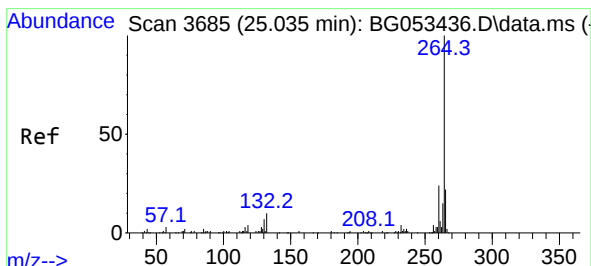
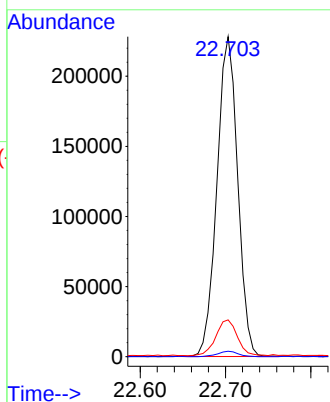
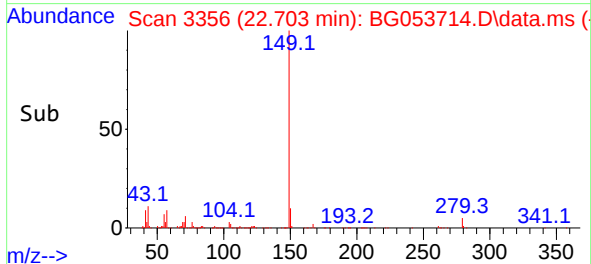
Instrument :
BNA_G
ClientSampleId :
PB145033BS



Tgt Ion:149 Resp: 385620
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 9.0 13.4

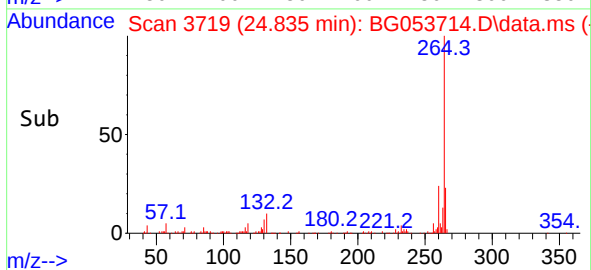
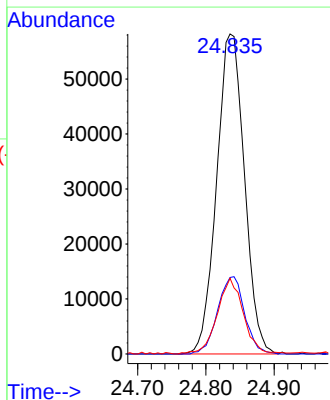
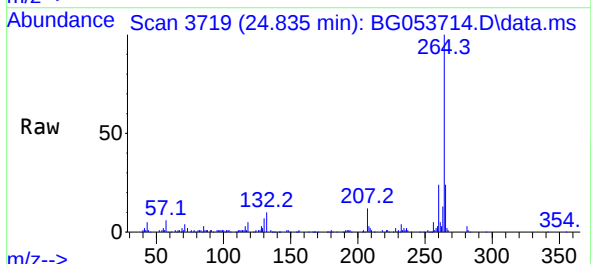
Manual Integrations
APPROVED

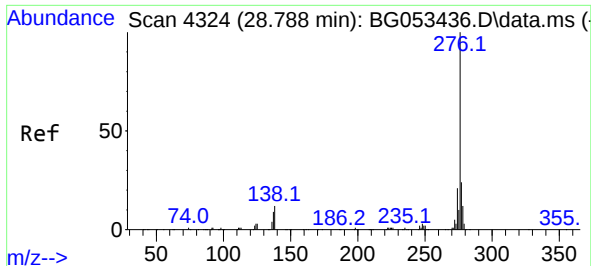
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.835 min Scan# 3719
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:264 Resp: 164687
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 23.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.779 ng
RT: 28.501 min Scan# 41
Delta R.T. -0.010 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :

BNA_G

ClientSampleId :

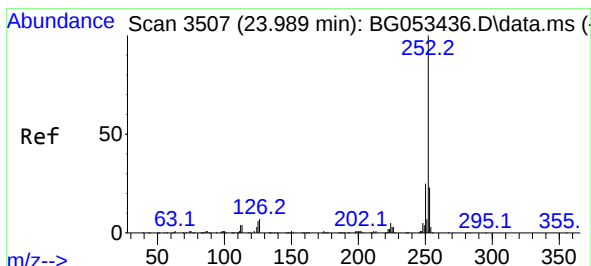
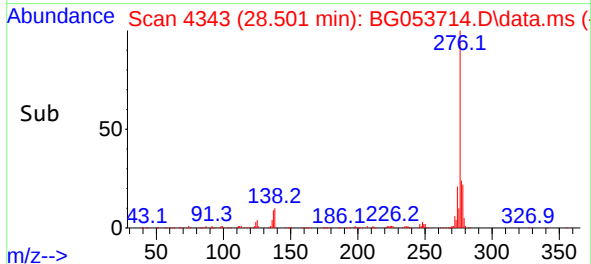
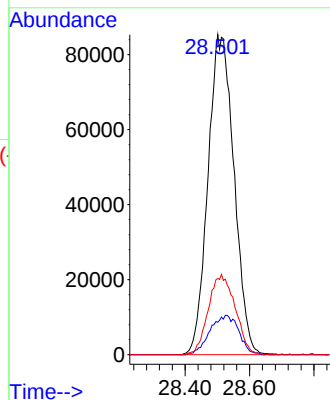
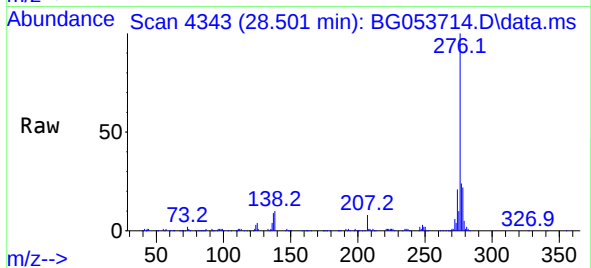
PB145033BS

Tgt Ion:276 Resp: 47921
Ion Ratio Lower Upper
276 100
138 0.0 5.0 7.4
277 0.0 20.3 30.5

Manual Integrations

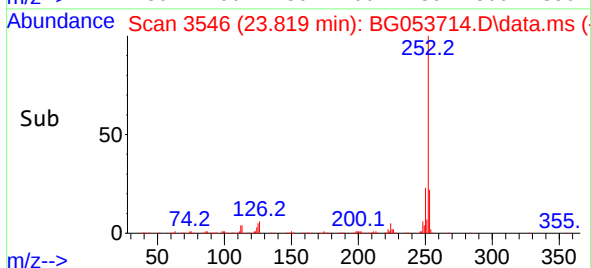
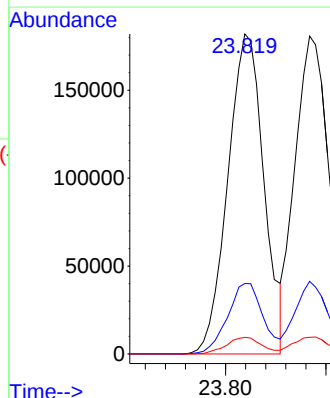
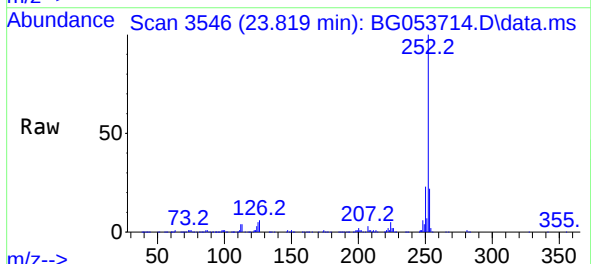
APPROVED

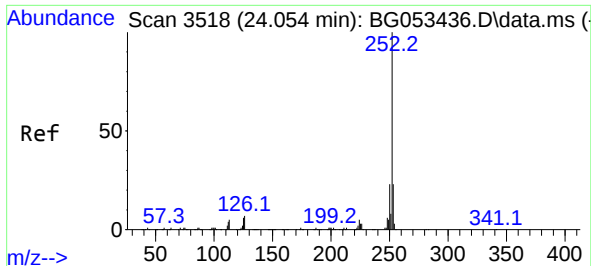
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#88
Benzo(b)fluoranthene
Concen: 46.584 ng
RT: 23.819 min Scan# 3546
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Tgt Ion:252 Resp: 454103
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 5.2 4.6 6.8





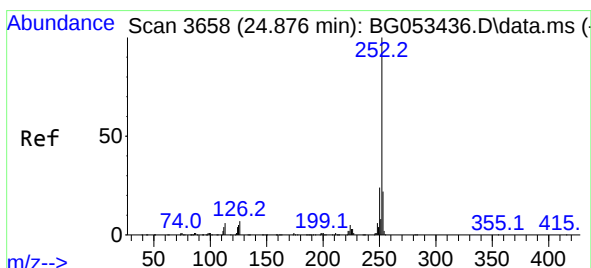
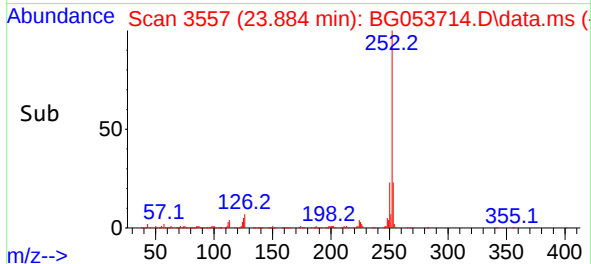
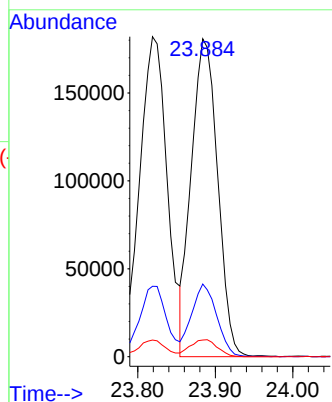
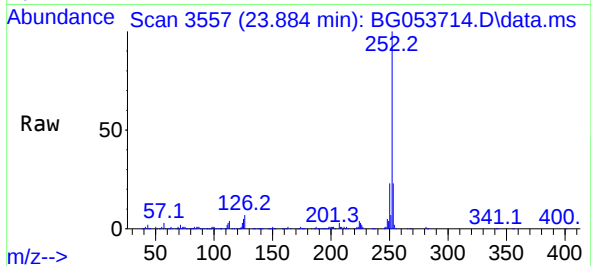
#89
Benzo(k)fluoranthene
Concen: 44.462 ng
RT: 23.884 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

Instrument :
BNA_G
ClientSampleId :
PB145033BS

Tgt Ion:252 Resp: 42590
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 5.2 4.8 7.2

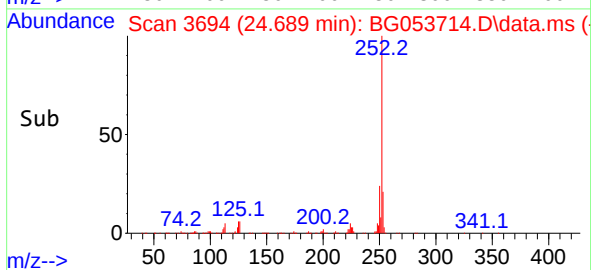
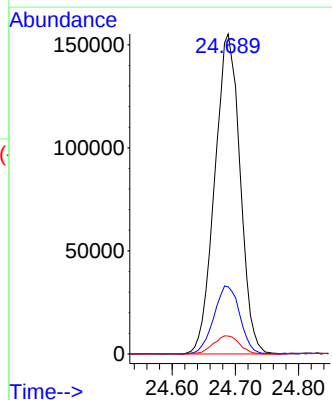
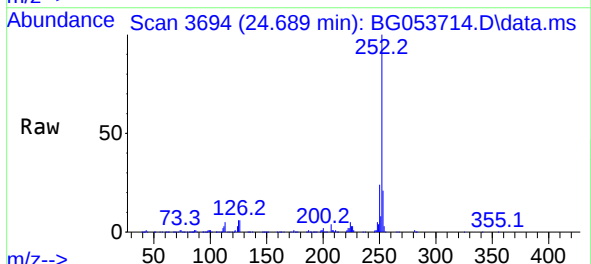
Manual Integrations
APPROVED

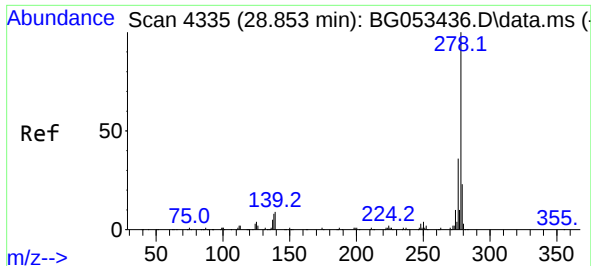
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#90
Benzo(a)pyrene
Concen: 52.106 ng
RT: 24.689 min Scan# 3694
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

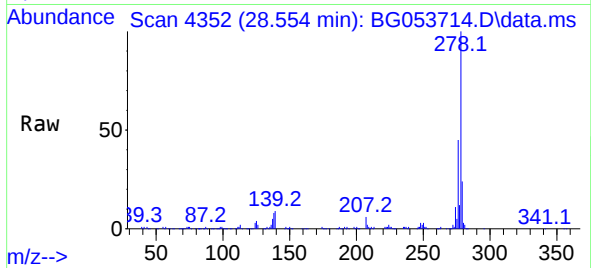
Tgt Ion:252 Resp: 432323
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 5.6 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 44.798 ng
RT: 28.554 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02

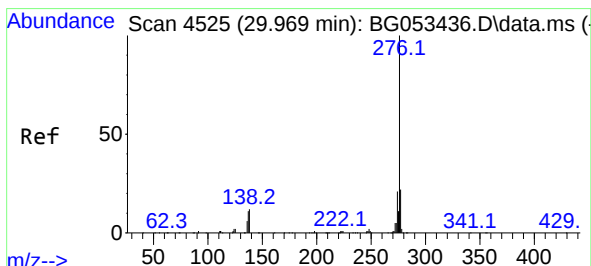
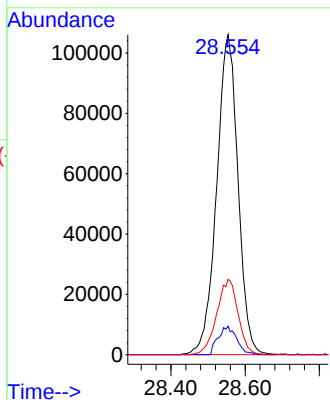
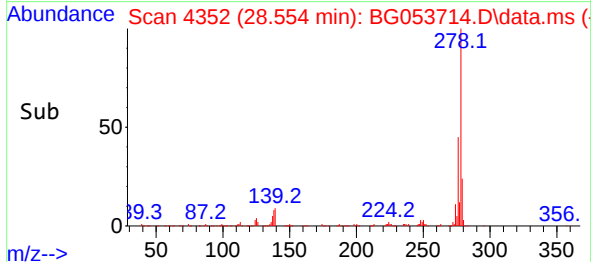
Instrument :
BNA_G
ClientSampleId :
PB145033BS



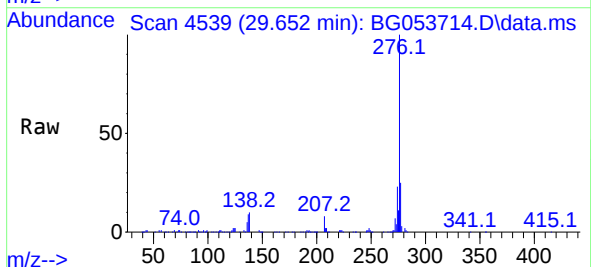
Tgt Ion:278 Resp: 42339
Ion Ratio Lower Upper
278 100
139 8.9 7.2 10.8
279 23.6 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#92
Benzo(g,h,i)perylene
Concen: 44.056 ng
RT: 29.652 min Scan# 4539
Delta R.T. 0.001 min
Lab File: BG053714.D
Acq: 26 May 2022 13:02



Tgt Ion:276 Resp: 412740
Ion Ratio Lower Upper
276 100
277 24.6 17.3 25.9
138 10.0 9.6 14.4

