

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053581.D
 Acq On : 17 May 2022 13:03
 Operator : CG/JU
 Sample : PB144822BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB144822BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 17 15:27:12 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 11 06:00:46 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	19998	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	91594	20.000	ng	# 0.00
39) Acenaphthene-d10	14.713	164	78397	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	201583	20.000	ng	0.00
76) Chrysene-d12	21.739	240	187759	20.000	ng	0.00
86) Perylene-d12	25.017	264	196776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	158643	134.633	ng	0.00
7) Phenol-d6	7.246	99	242128	135.395	ng	0.00
23) Nitrobenzene-d5	9.244	82	169182	78.628	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	145425	125.771	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	406970	75.857	ng	0.00
79) Terphenyl-d14	20.059	244	879246	87.217	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	16795	27.165	ng	# 88
3) Pyridine	3.922	79	41453m	27.455	ng	
4) n-Nitrosodimethylamine	3.833	42	29192	39.690	ng	# 95
6) Aniline	7.399	93	83550	42.182	ng	96
8) 2-Chlorophenol	7.652	128	58979	47.879	ng	95
9) Benzaldehyde	7.211	77	40467m	35.619	ng	
10) Phenol	7.276	94	84070	48.067	ng	98
11) bis(2-Chloroethyl)ether	7.493	93	55143	42.274	ng	98
12) 1,3-Dichlorobenzene	7.975	146	58653	40.361	ng	92
13) 1,4-Dichlorobenzene	8.116	146	59759	40.751	ng	98
14) 1,2-Dichlorobenzene	8.439	146	59380	43.121	ng	96
15) Benzyl Alcohol	8.316	79	71552	47.858	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.603	45	92298	43.475	ng	98
17) 2-Methylphenol	8.527	107	57046	48.256	ng	98
18) Hexachloroethane	9.167	117	23346	41.923	ng	90
19) n-Nitroso-di-n-propyla...	8.880	70	56317	43.891	ng	97
20) 3+4-Methylphenols	8.856	107	78978	47.304	ng	95
22) Acetophenone	8.903	105	97707	38.977	ng	99
24) Nitrobenzene	9.285	77	85301	40.960	ng	94
25) Isophorone	9.808	82	161605	44.627	ng	99
26) 2-Nitrophenol	10.002	139	35858	42.512	ng	97
27) 2,4-Dimethylphenol	10.060	122	62616	49.328	ng	96
28) bis(2-Chloroethoxy)met...	10.289	93	81905	39.327	ng	99
29) 2,4-Dichlorophenol	10.548	162	69268	45.214	ng	96
30) 1,2,4-Trichlorobenzene	10.753	180	70913	40.739	ng	98
31) Naphthalene	10.941	128	186798	40.093	ng	98
32) Benzoic acid	10.231	122	29759m	39.360	ng	
33) 4-Chloroaniline	11.047	127	61651	31.596	ng	98
34) Hexachlorobutadiene	11.229	225	49648	38.465	ng	94
35) Caprolactam	11.823	113	25845m	46.423	ng	
36) 4-Chloro-3-methylphenol	12.175	107	82103	44.802	ng	97
37) 2-Methylnaphthalene	12.539	142	144151	41.458	ng	98
38) 1-Methylnaphthalene	12.763	142	138373	40.789	ng	97
40) 1,2,4,5-Tetrachloroben...	12.909	216	96416	39.016	ng	98
41) Hexachlorocyclopentadiene	12.892	237	79772	79.334	ng	98
43) 2,4,6-Trichlorophenol	13.150	196	64385	39.915	ng	94

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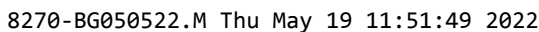
Quant Time: May 17 15:27:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

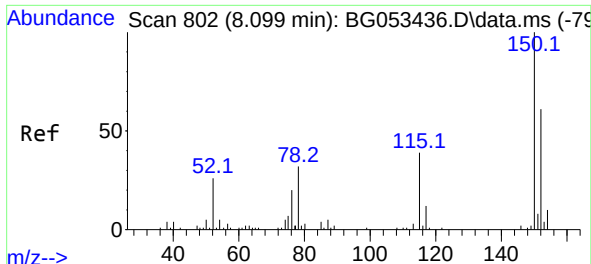
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	70523	41.079	ng	99
46) 1,1'-Biphenyl	13.544	154	206968	38.730	ng	99
47) 2-Chloronaphthalene	13.591	162	161097	38.478	ng	99
48) 2-Nitroaniline	13.791	65	68567	43.951	ng	98
49) Acenaphthylene	14.431	152	280674	42.011	ng	99
50) Dimethylphthalate	14.155	163	240647	40.394	ng	98
51) 2,6-Dinitrotoluene	14.278	165	51298	42.265	ng	88
52) Acenaphthene	14.772	154	156609	39.334	ng	98
53) 3-Nitroaniline	14.613	138	44402	33.858	ng	98
54) 2,4-Dinitrophenol	14.830	184	60554	78.707	ng	96
55) Dibenzofuran	15.106	168	276908	38.720	ng	97
56) 4-Nitrophenol	14.930	139	82138	87.691	ng	91
57) 2,4-Dinitrotoluene	15.071	165	78648	44.704	ng	87
58) Fluorene	15.758	166	229556	39.999	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.341	232	73473	42.181	ng	100
60) Diethylphthalate	15.518	149	255718	41.554	ng	99
61) 4-Chlorophenyl-phenyle...	15.741	204	130607	40.783	ng	100
62) 4-Nitroaniline	15.776	138	55359	40.699	ng	97
63) Azobenzene	16.035	77	254146	40.331	ng	99
65) 4,6-Dinitro-2-methylph...	15.841	198	45405	37.800	ng	95
66) n-Nitrosodiphenylamine	15.958	169	214310	40.492	ng	99
67) 4-Bromophenyl-phenylether	16.640	248	95161	40.421	ng	97
68) Hexachlorobenzene	16.769	284	103041	39.964	ng	97
69) Atrazine	16.904	200	94113	42.239	ng	98
70) Pentachlorophenol	17.115	266	105873	76.467	ng	97
71) Phenanthrene	17.497	178	415737	40.559	ng	97
72) Anthracene	17.591	178	419014	41.590	ng	99
73) Carbazole	17.856	167	384385	38.929	ng	99
74) Di-n-butylphthalate	18.402	149	450624	40.578	ng	99
75) Fluoranthene	19.506	202	532755	40.141	ng	99
77) Benzidine	19.677	184	161429	39.890	ng	98
78) Pyrene	19.871	202	526197	43.292	ng	98
80) Butylbenzylphthalate	20.740	149	188155	42.215	ng	99
81) Benzo(a)anthracene	21.715	228	501692	41.893	ng	100
82) 3,3'-Dichlorobenzidine	21.627	252	141941	46.739	ng	99
83) Chrysene	21.786	228	458231	40.969	ng	99
84) Bis(2-ethylhexyl)phtha...	21.603	149	267289	43.449	ng	97
85) Di-n-octyl phthalate	22.831	149	451912	43.443	ng	99
87) Indeno(1,2,3-cd)pyrene	28.782	276	548435	40.017	ng	100
88) Benzo(b)fluoranthene	23.977	252	520302	44.671	ng	98
89) Benzo(k)fluoranthene	24.041	252	478004	41.763	ng	99
90) Benzo(a)pyrene	24.864	252	498169	50.250	ng	99
91) Dibenzo(a,h)anthracene	28.835	278	482970	42.768	ng	98
92) Benzo(g,h,i)perylene	29.957	276	475607	42.488	ng	95

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

Manual Integrations

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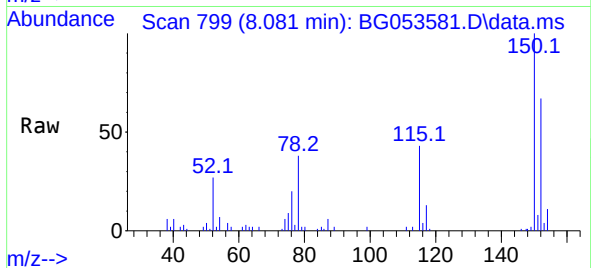
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

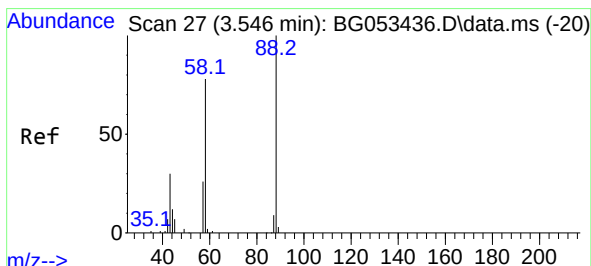
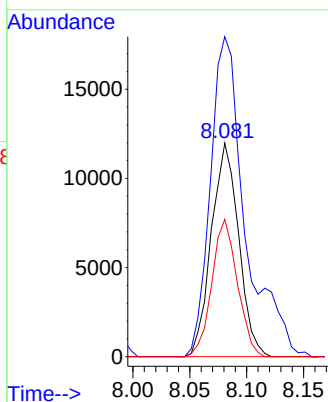
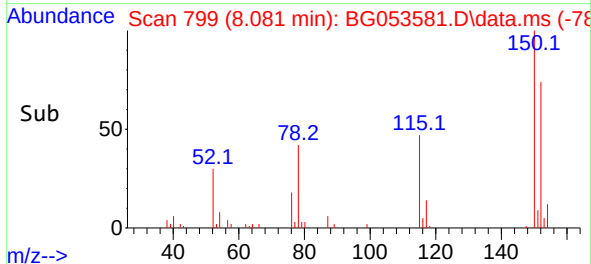


Tgt Ion:152 Resp: 1998
Ion Ratio Lower Upper
152 100
150 149.8 131.6 197.4
115 64.2 50.9 76.3

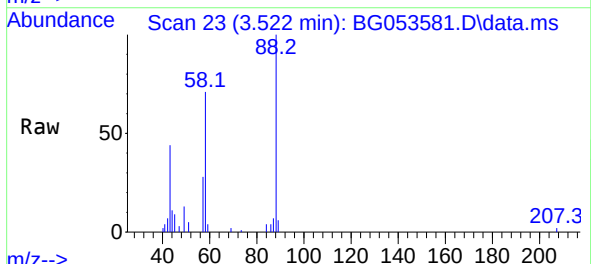
Manual Integrations

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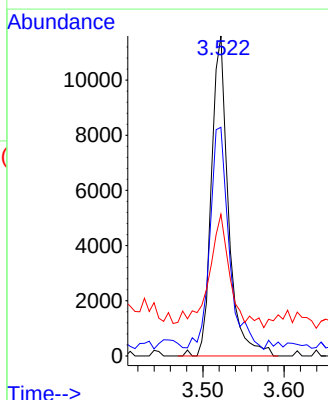
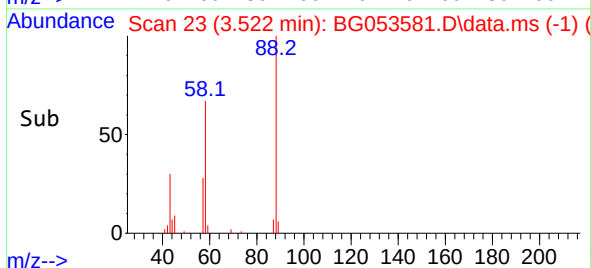
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

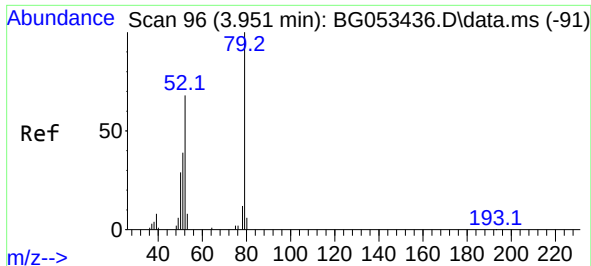


#2
1,4-Dioxane
Concen: 27.165 ng
RT: 3.522 min Scan# 23
Delta R.T. -0.015 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



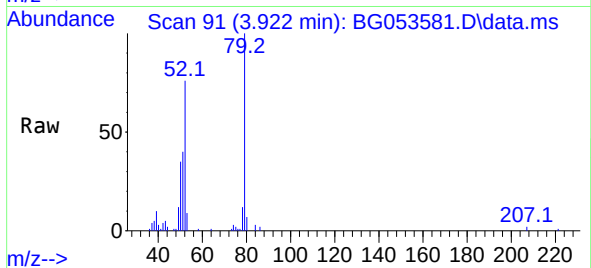
Tgt Ion: 88 Resp: 16795
Ion Ratio Lower Upper
88 100
58 78.7 59.2 88.8
43 45.0 24.3 36.5





#3
Pyridine
Concen: 27.455 ng m
RT: 3.922 min Scan# 91
Delta R.T. -0.015 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

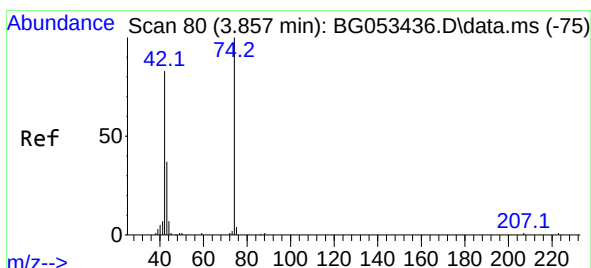
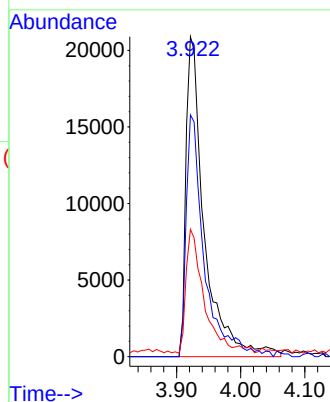
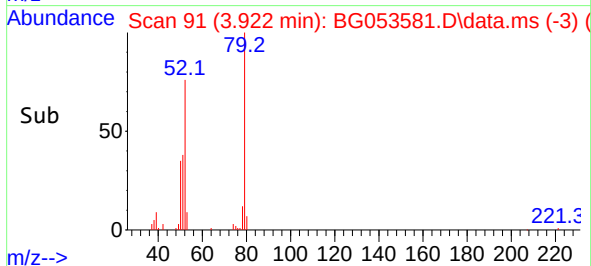
Instrument :
BNA_G
ClientSampleId :
PB144822BS



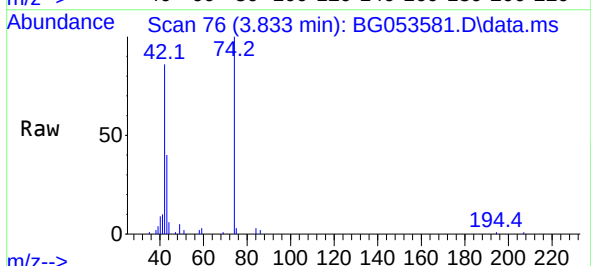
Tgt Ion: 79 Resp: 4145
Ion Ratio Lower Upper
79 100
52 75.6 54.6 81.8
51 39.8 32.5 48.7

Manual Integrations
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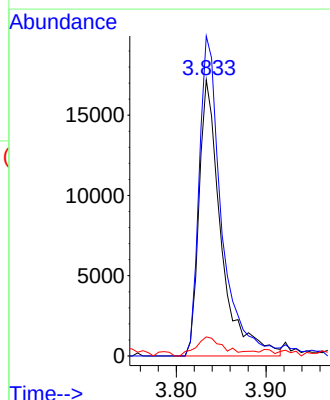
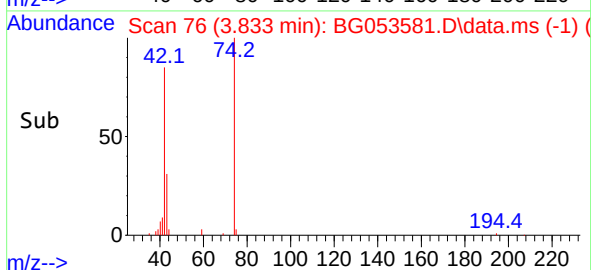
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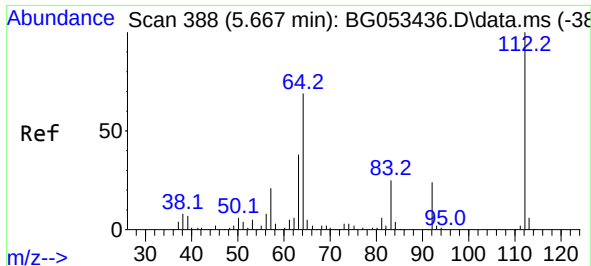


#4
n-Nitrosodimethylamine
Concen: 39.690 ng
RT: 3.833 min Scan# 76
Delta R.T. -0.015 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion: 42 Resp: 29192
Ion Ratio Lower Upper
42 100
74 115.9 97.0 145.4
44 6.9 7.0 10.4





#5
2-Fluorophenol
Concen: 134.633 ng
RT: 5.649 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

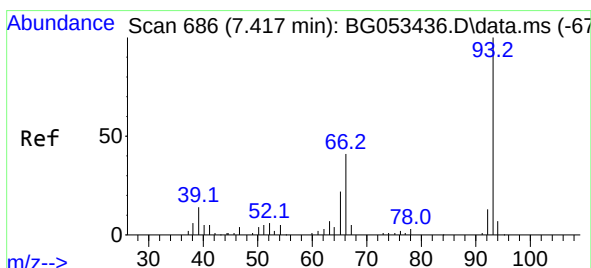
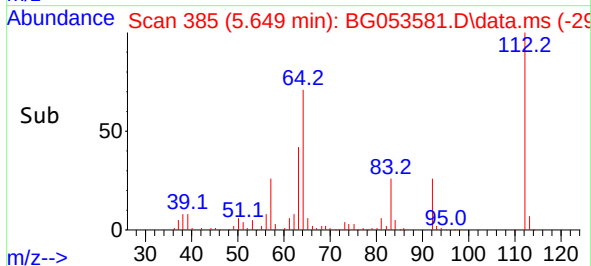
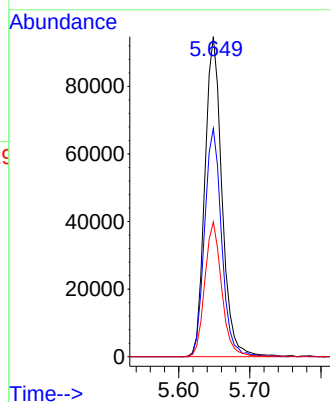
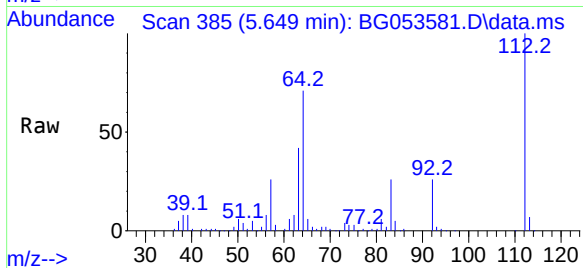
PB144822BS

Tgt Ion:112 Resp: 15864
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 42.1 30.4 45.6

Manual Integrations

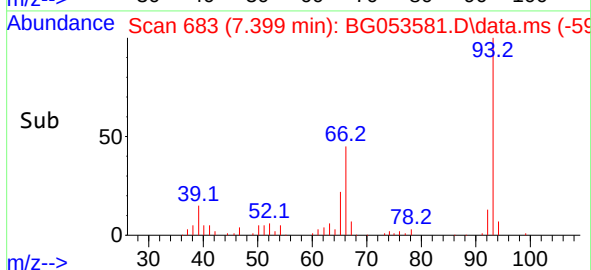
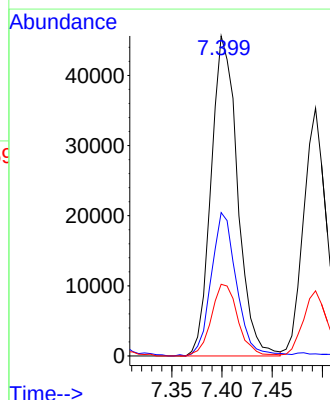
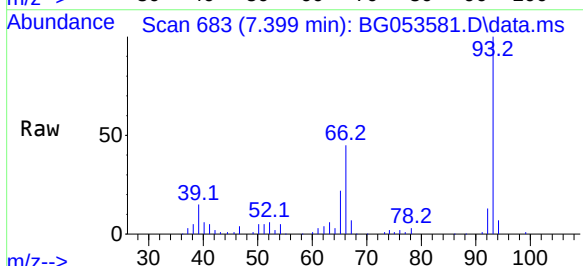
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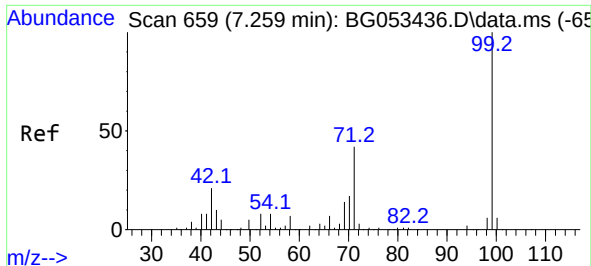
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#6
Aniline
Concen: 42.182 ng
RT: 7.399 min Scan# 683
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion: 93 Resp: 83550
Ion Ratio Lower Upper
93 100
66 44.8 32.9 49.3
65 22.4 17.8 26.8





#7
Phenol-d6
Concen: 135.395 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

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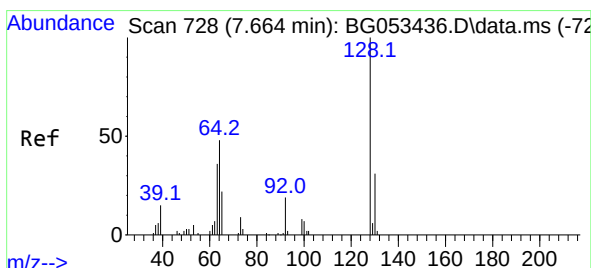
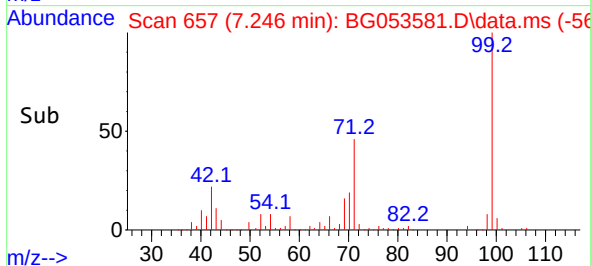
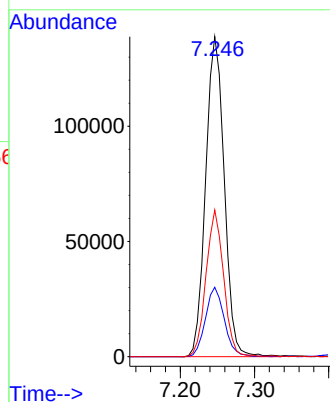
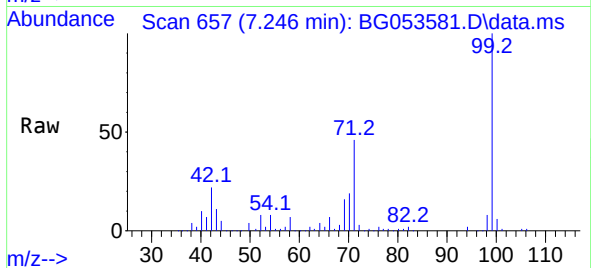
PB144822BS

Tgt Ion: 99 Resp: 242128
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 45.9 33.8 50.8

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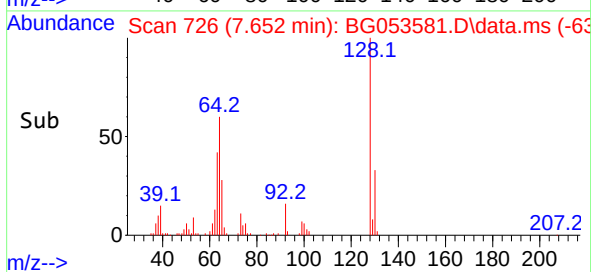
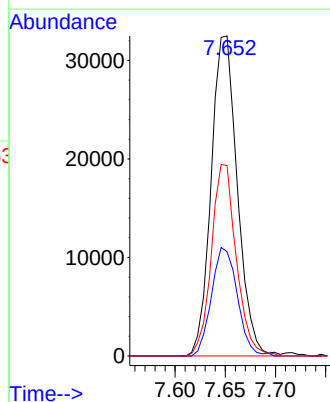
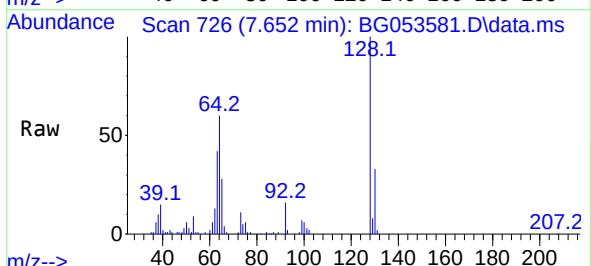
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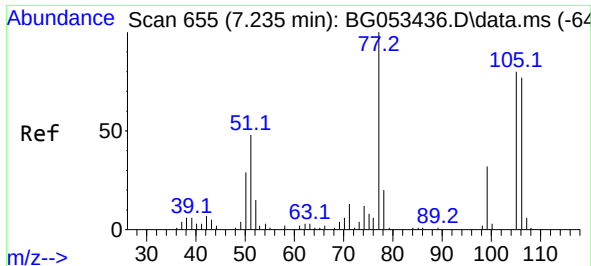
Reviewed By :Christian Giraldo 05/18/2022
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#8
2-Chlorophenol
Concen: 47.879 ng
RT: 7.652 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:128 Resp: 58979
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 59.5 35.1 75.1





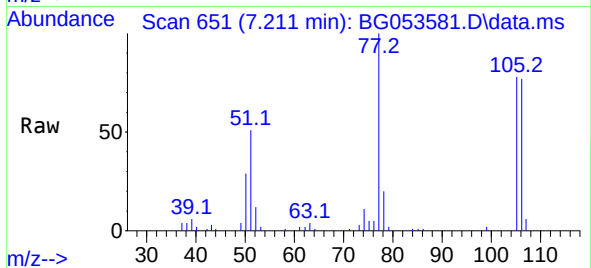
#9
Benzaldehyde
Concen: 35.619 ng m
RT: 7.211 min Scan# 61
Delta R.T. -0.015 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

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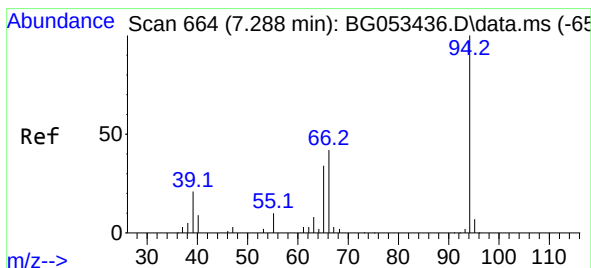
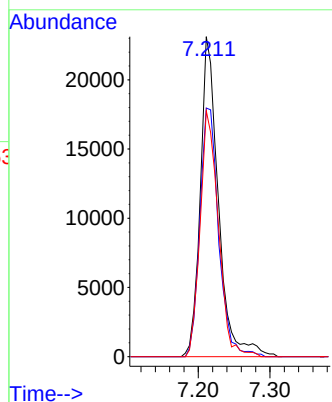


Tgt Ion: 77 Resp: 4046
Ion Ratio Lower Upper
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105 77.7 59.6 99.6
106 76.9 56.8 96.8

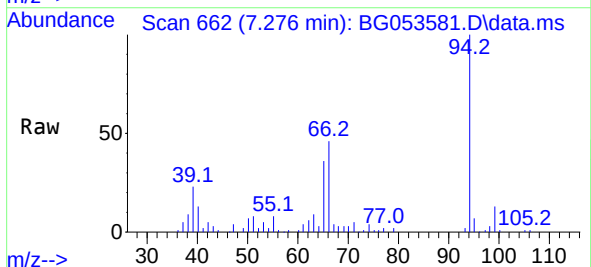
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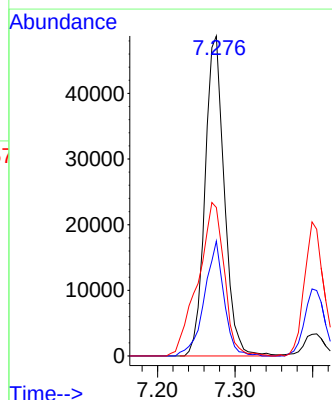
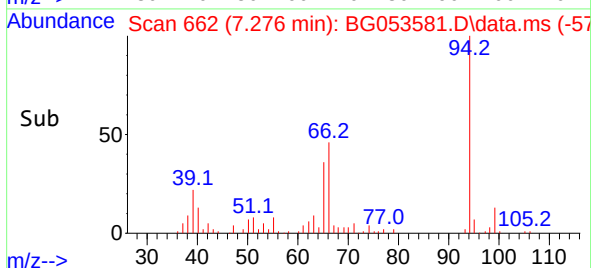
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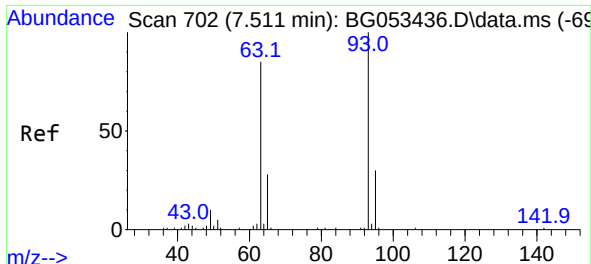


#10
Phenol
Concen: 48.067 ng
RT: 7.276 min Scan# 662
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion: 94 Resp: 84070
Ion Ratio Lower Upper
94 100
65 35.9 14.8 54.8
66 46.4 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 42.274 ng
RT: 7.493 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

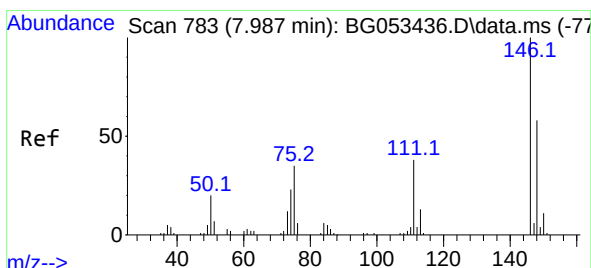
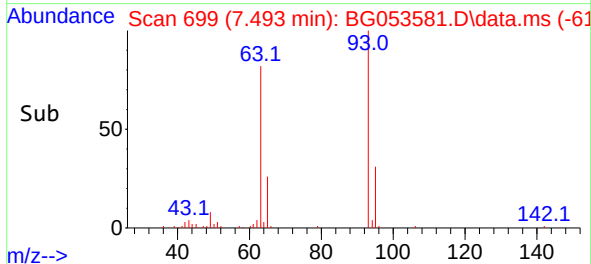
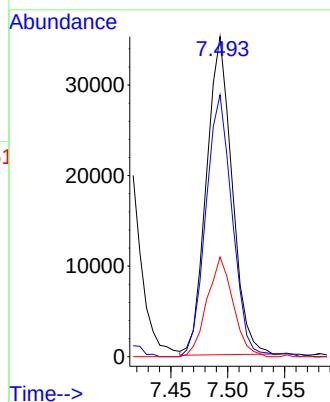
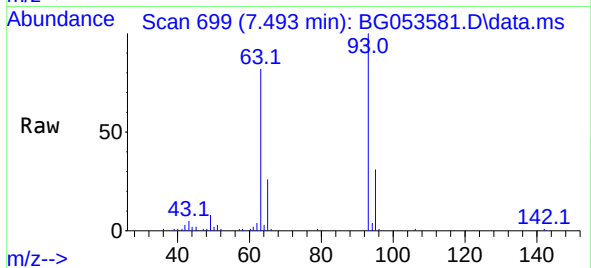
PB144822BS

Tgt Ion: 93 Resp: 5514
Ion Ratio Lower Upper
93 100
63 81.8 63.6 103.6
95 31.1 10.1 50.1

Manual Integrations

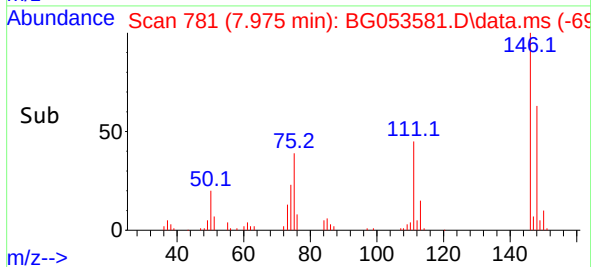
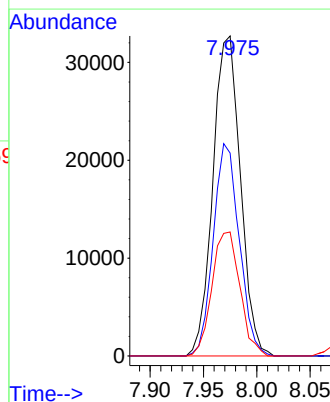
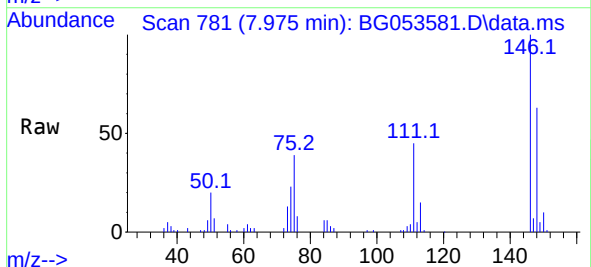
APPROVED

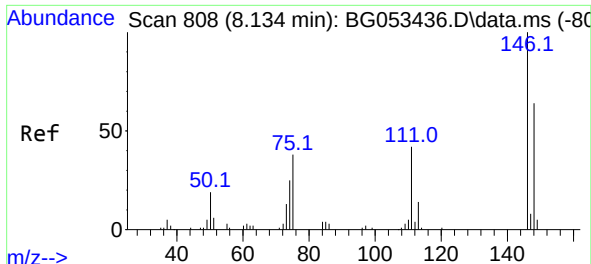
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#12
1,3-Dichlorobenzene
Concen: 40.361 ng
RT: 7.975 min Scan# 781
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:146 Resp: 58653
Ion Ratio Lower Upper
146 100
148 63.4 46.1 69.1
75 38.8 27.6 41.4





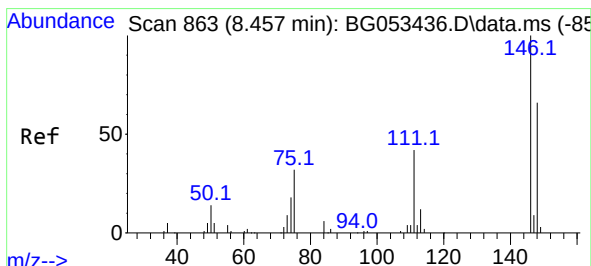
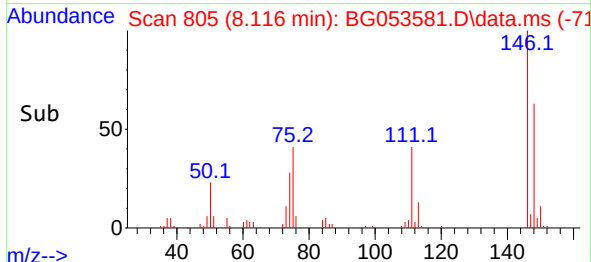
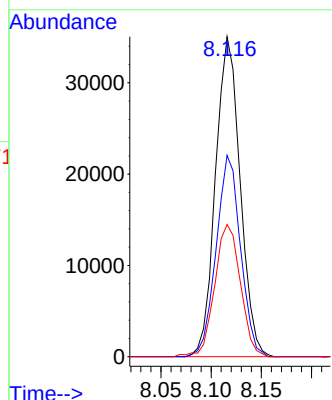
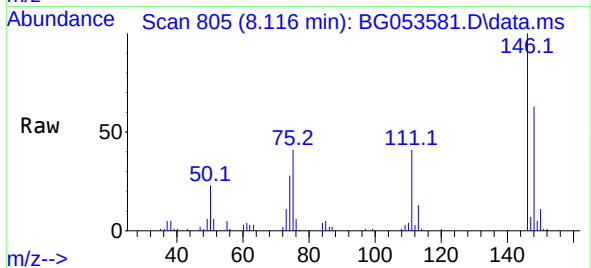
#13
1,4-Dichlorobenzene
Concen: 40.751 ng
RT: 8.116 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB144822BS

Tgt Ion:146 Resp: 5975
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
111 41.3 33.9 50.9

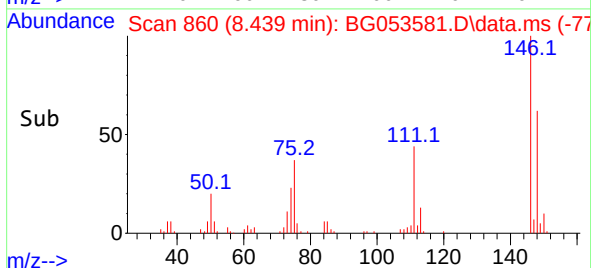
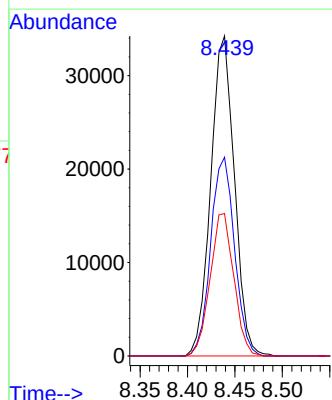
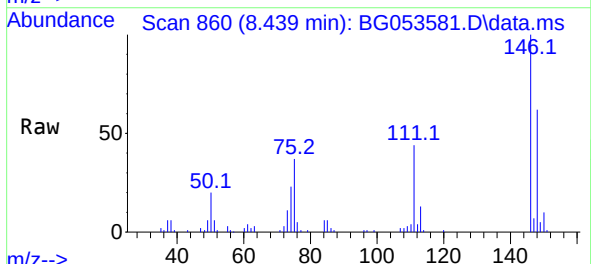
Manual Integrations
APPROVED

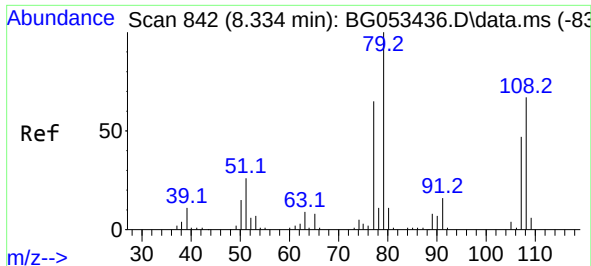
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#14
1,2-Dichlorobenzene
Concen: 43.121 ng
RT: 8.439 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:146 Resp: 59380
Ion Ratio Lower Upper
146 100
148 62.1 52.6 78.8
111 44.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.858 ng
RT: 8.316 min Scan# 811
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

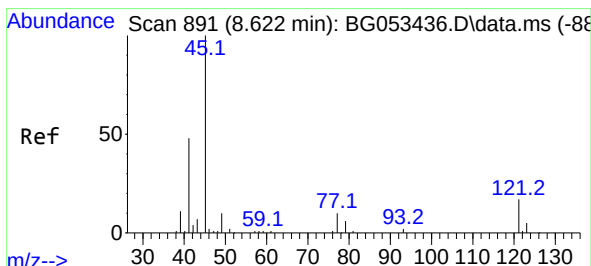
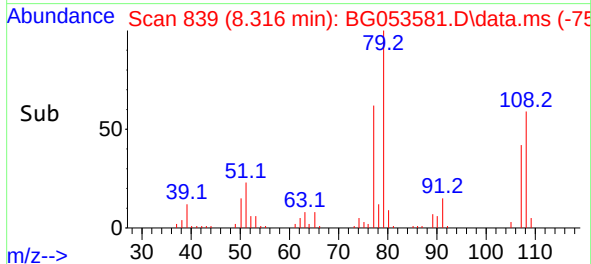
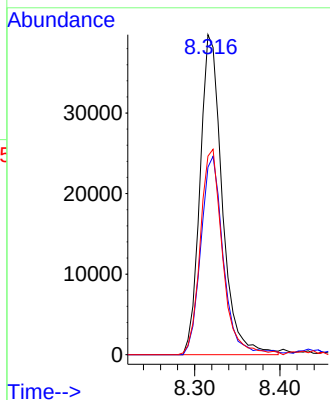
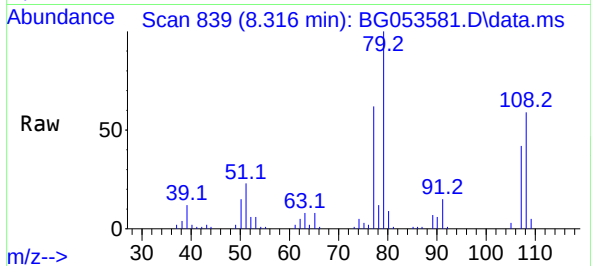
ClientSampleId :

PB144822BS

Tgt Ion: 79 Resp: 71552
Ion Ratio Lower Upper
79 100
108 58.6 53.7 80.5
77 62.0 52.2 78.4

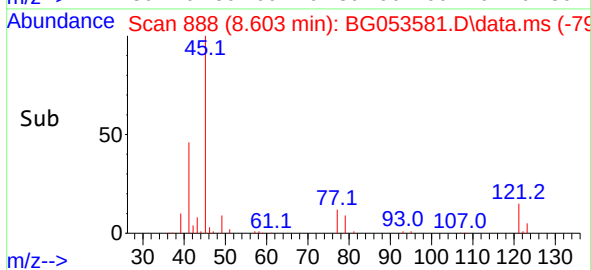
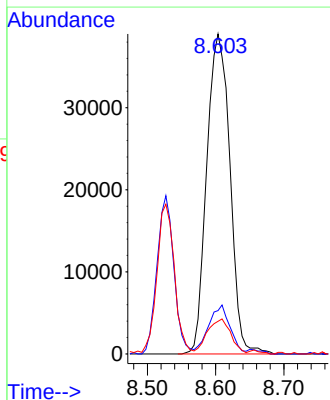
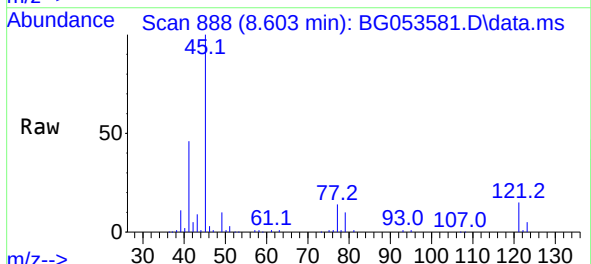
Manual Integrations
APPROVED

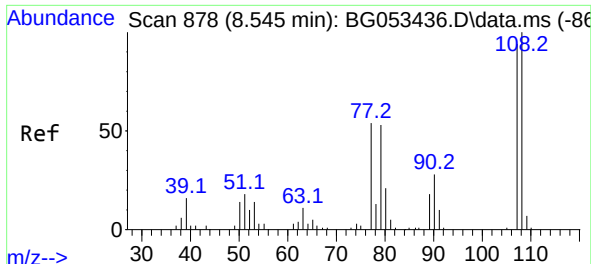
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.475 ng
RT: 8.603 min Scan# 888
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion: 45 Resp: 92298
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.7
79 10.2 0.0 29.7





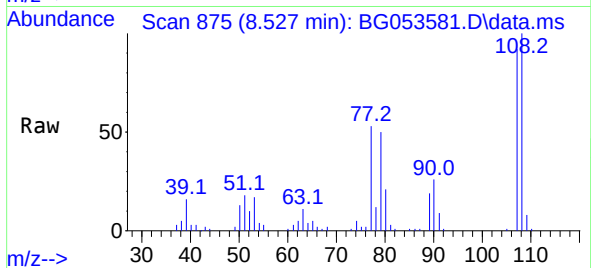
#17
2-Methylphenol
Concen: 48.256 ng
RT: 8.527 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

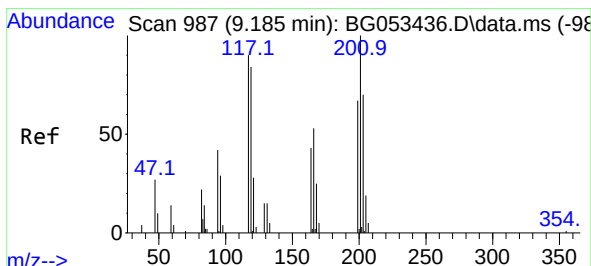
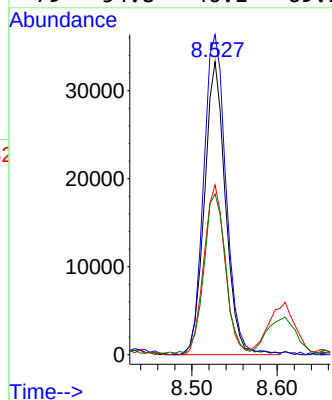


Tgt Ion:107 Resp: 57040
Ion Ratio Lower Upper
107 100
108 109.2 85.4 128.0
77 57.9 46.2 69.2
79 54.8 46.1 69.1

Manual Integrations

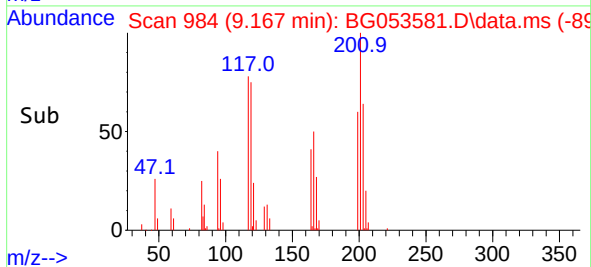
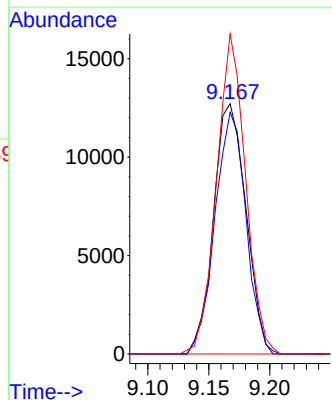
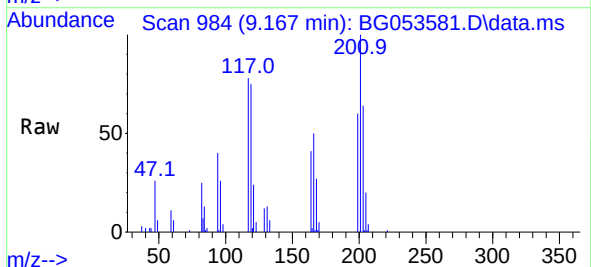
APPROVED

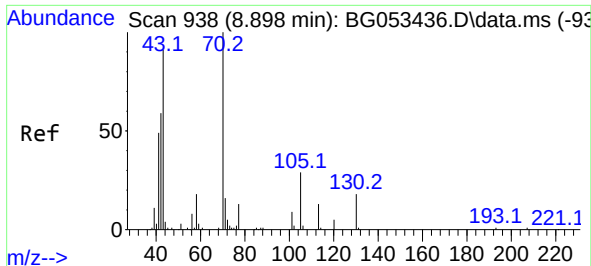
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#18
Hexachloroethane
Concen: 41.923 ng
RT: 9.167 min Scan# 984
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

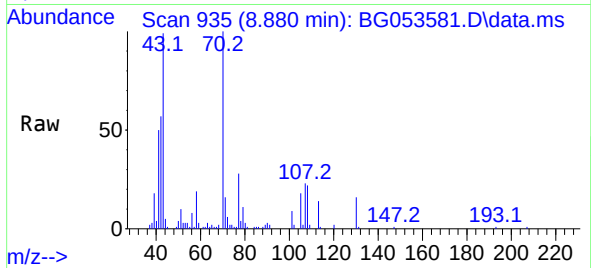
Tgt Ion:117 Resp: 23346
Ion Ratio Lower Upper
117 100
119 96.5 75.0 112.6
201 127.9 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.891 ng
RT: 8.880 min Scan# 911
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

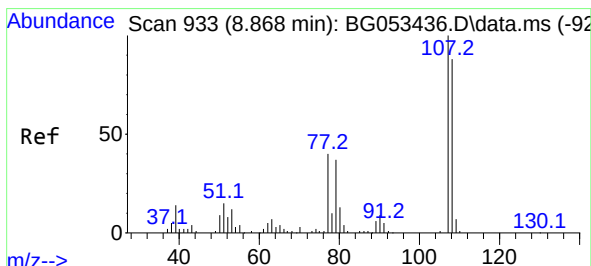
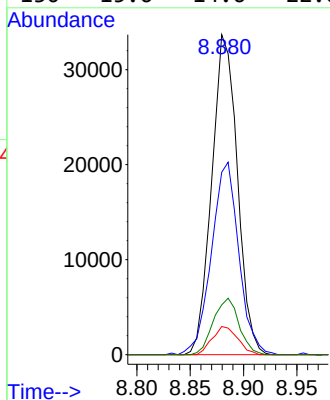
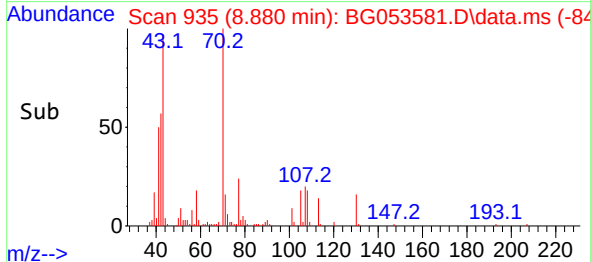
Instrument :
BNA_G
ClientSampleId :
PB144822BS



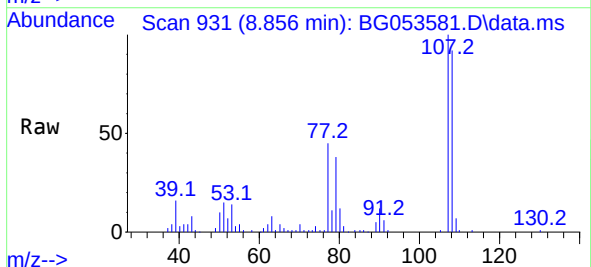
Tgt Ion: 70 Resp: 5631
Ion Ratio Lower Upper
70 100
42 57.0 47.3 70.9
101 8.8 7.0 10.4
130 15.6 14.6 22.0

Manual Integrations
APPROVED

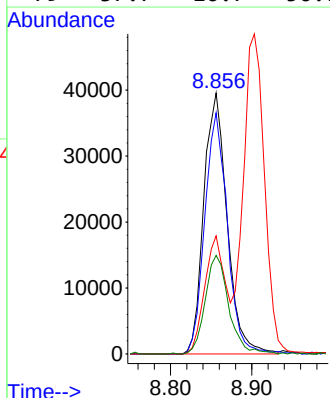
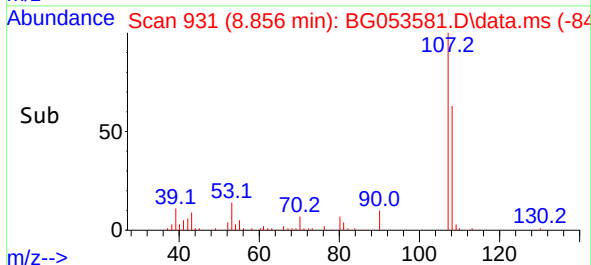
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

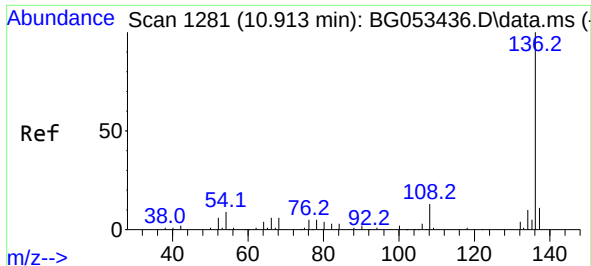


#20
3+4-Methylphenols
Concen: 47.304 ng
RT: 8.856 min Scan# 931
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:107 Resp: 78978
Ion Ratio Lower Upper
107 100
108 92.4 67.5 107.5
77 45.2 20.3 60.3
79 37.7 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

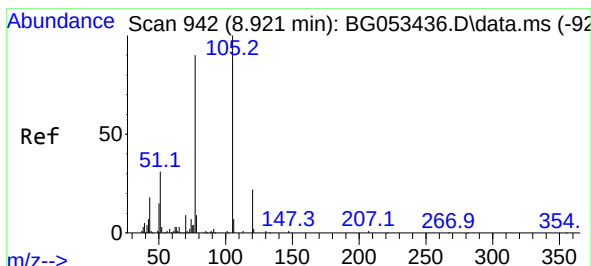
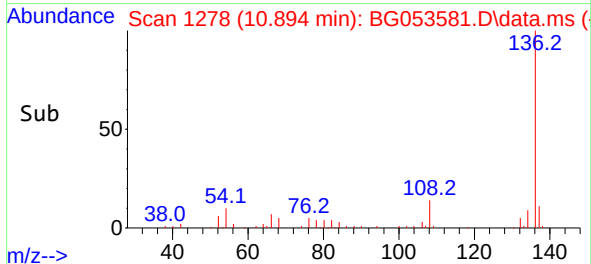
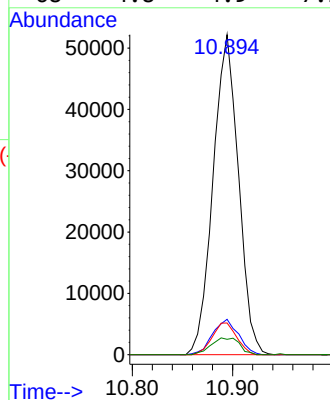
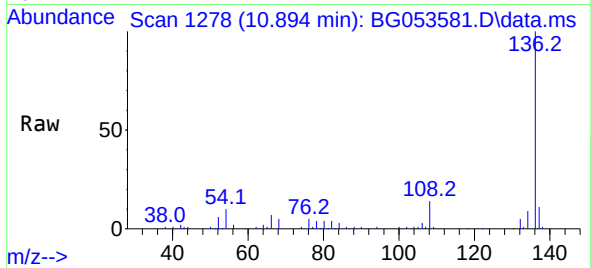
PB144822BS

Tgt Ion:136 Resp: 91594
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.9 7.4 11.2
68 4.8 4.9 7.3#

Manual Integrations

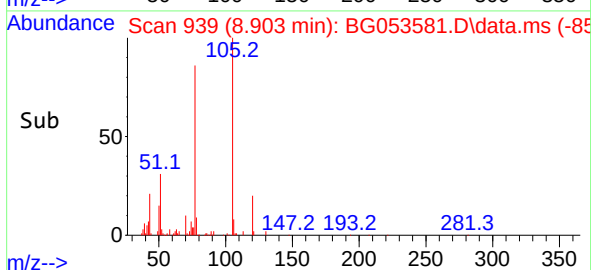
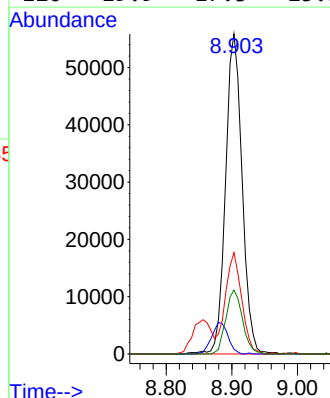
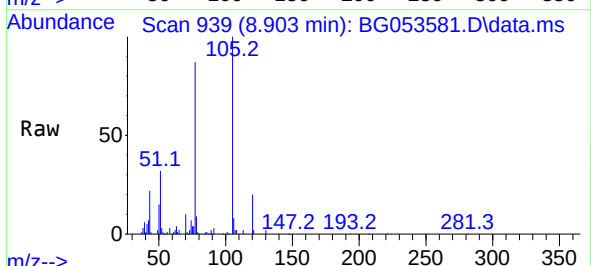
APPROVED

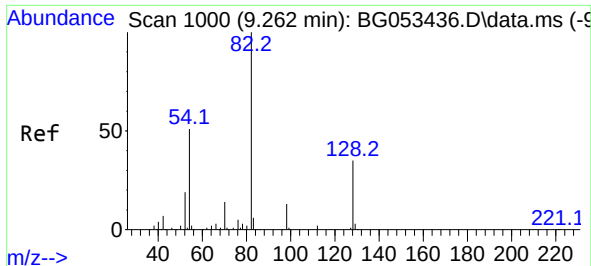
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#22
Acetophenone
Concen: 38.977 ng
RT: 8.903 min Scan# 939
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:105 Resp: 97707
Ion Ratio Lower Upper
105 100
71 1.5 1.1 1.7
51 31.7 25.4 38.0
120 19.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.628 ng

RT: 9.244 min Scan# 90

Delta R.T. -0.009 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

Tgt Ion: 82 Resp: 16918

Ion Ratio Lower Upper

82 100

128 34.6 27.9 41.9

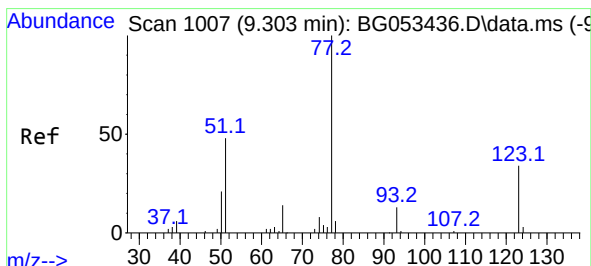
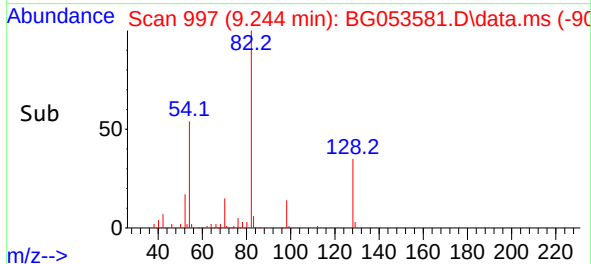
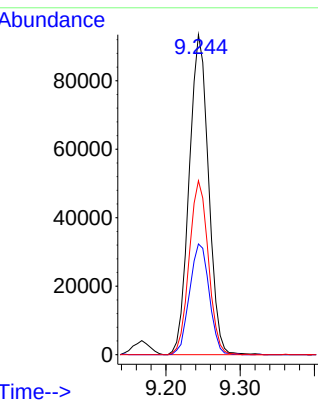
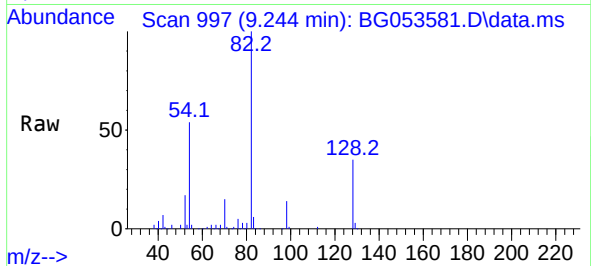
54 54.3 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2022

Supervised By :Jagrut Upadhyay 05/18/2022



#24

Nitrobenzene

Concen: 40.960 ng

RT: 9.285 min Scan# 1004

Delta R.T. -0.009 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

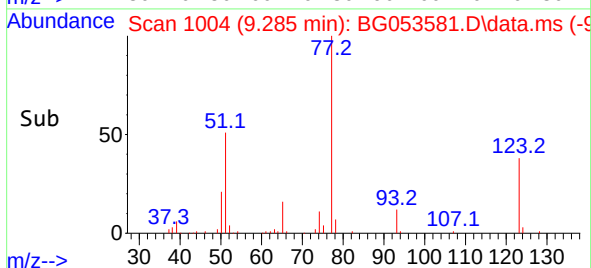
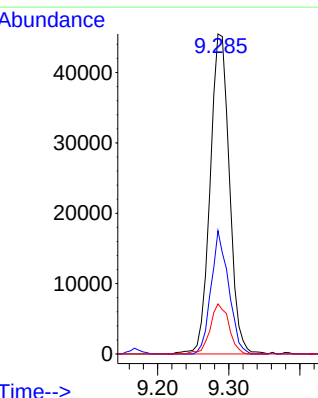
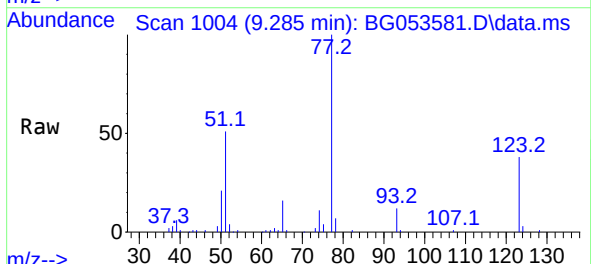
Tgt Ion: 77 Resp: 85301

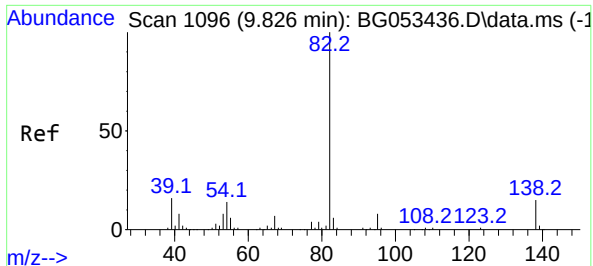
Ion Ratio Lower Upper

77 100

123 38.5 27.4 41.0

65 15.7 11.4 17.0





#25
Isophorone
Concen: 44.627 ng
RT: 9.808 min Scan# 1096
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

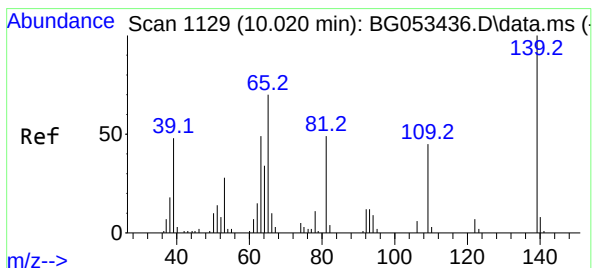
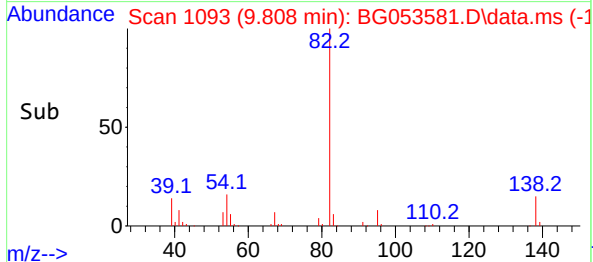
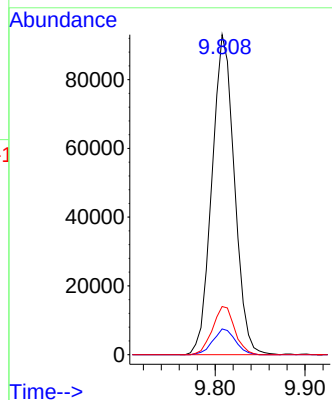
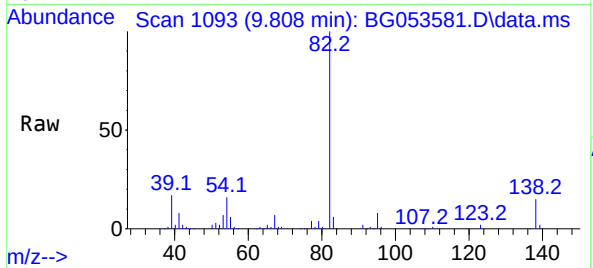
PB144822BS

Tgt Ion: 82 Resp: 16160
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 15.0 11.6 17.4

Manual Integrations

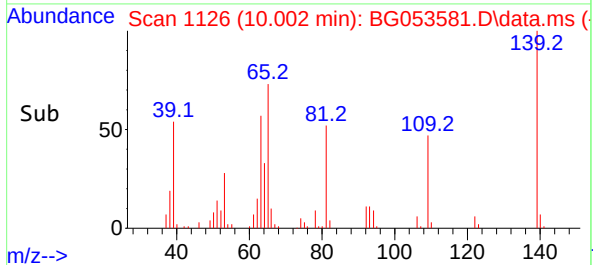
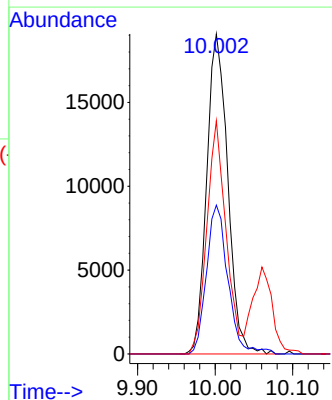
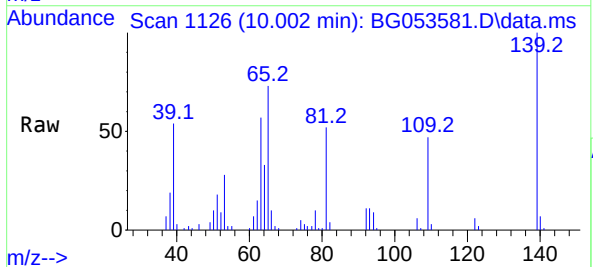
APPROVED

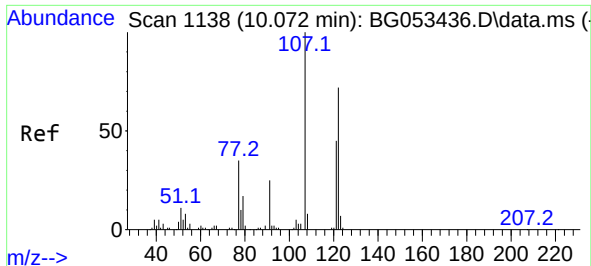
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#26
2-Nitrophenol
Concen: 42.512 ng
RT: 10.002 min Scan# 1126
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:139 Resp: 35858
Ion Ratio Lower Upper
139 100
109 46.5 36.1 54.1
65 72.9 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 49.328 ng
RT: 10.060 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

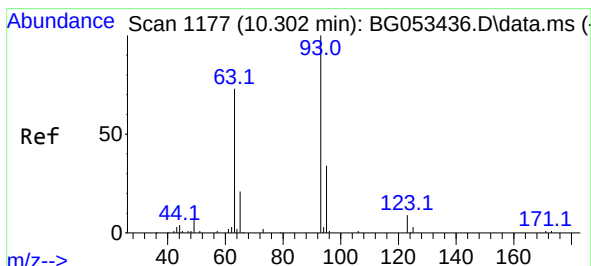
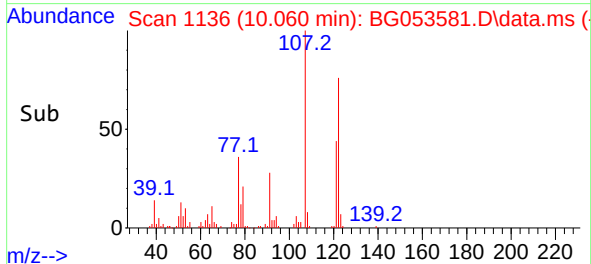
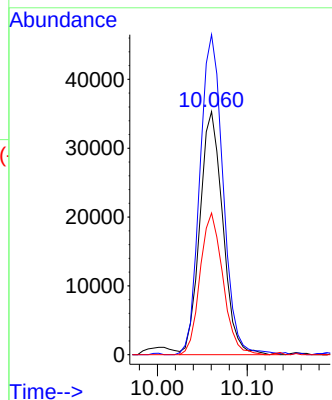
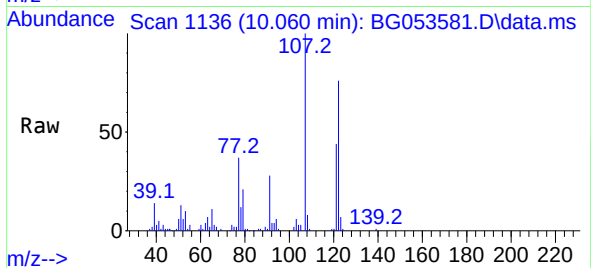
PB144822BS

Tgt Ion:122 Resp: 62610
Ion Ratio Lower Upper
122 100
107 131.7 109.4 164.0
121 58.3 48.7 73.1

Manual Integrations

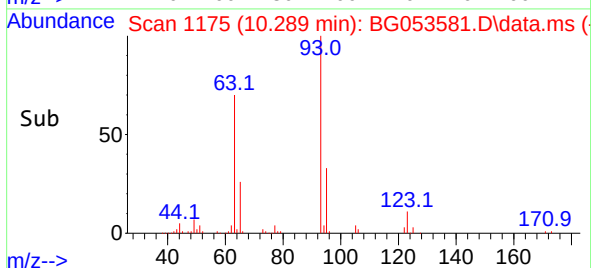
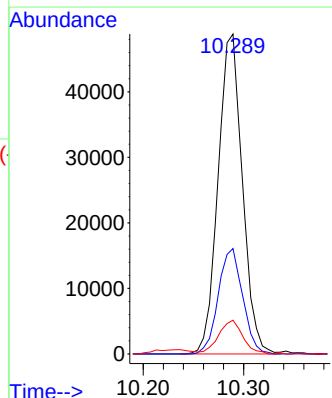
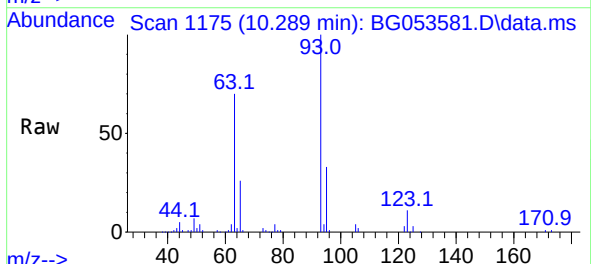
APPROVED

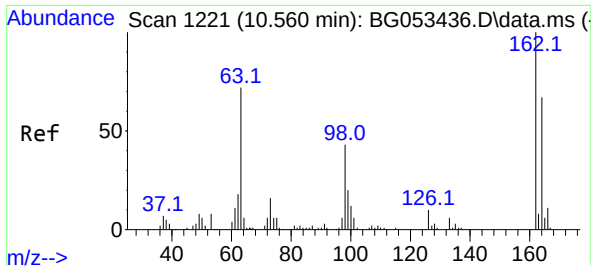
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#28
bis(2-Chloroethoxy)methane
Concen: 39.327 ng
RT: 10.289 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion: 93 Resp: 81905
Ion Ratio Lower Upper
93 100
95 32.9 26.9 40.3
123 10.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 45.214 ng

RT: 10.548 min Scan# 1219

Delta R.T. -0.003 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

Tgt Ion:162 Resp: 6926

Ion Ratio Lower Upper

162 100

164 65.6 46.6 86.6

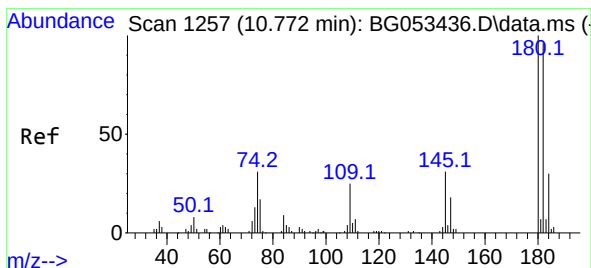
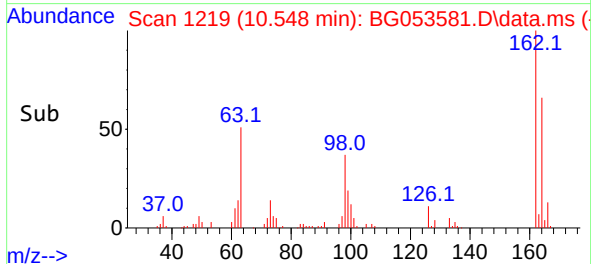
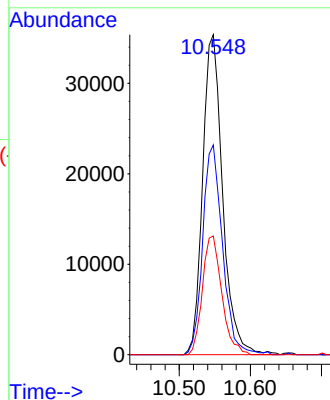
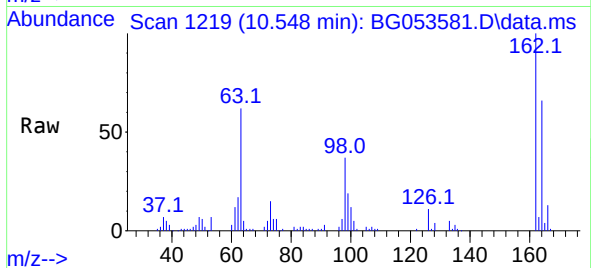
98 37.1 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2022

Supervised By :Jagrut Upadhyay 05/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.739 ng

RT: 10.753 min Scan# 1254

Delta R.T. -0.009 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

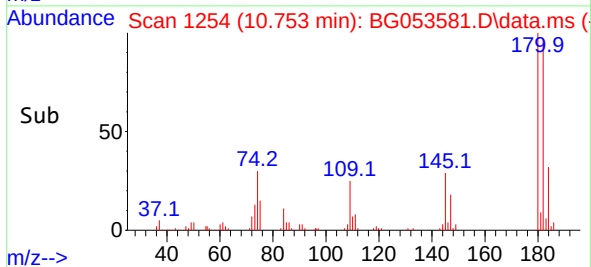
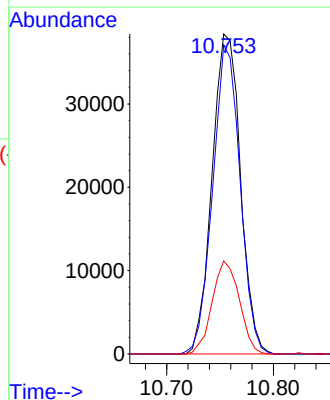
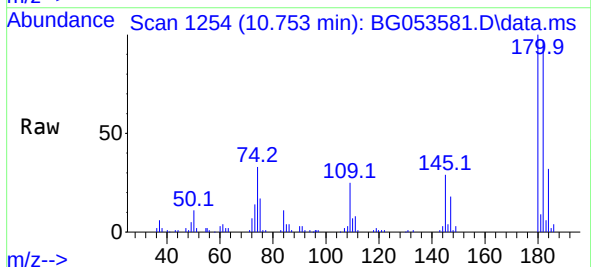
Tgt Ion:180 Resp: 70913

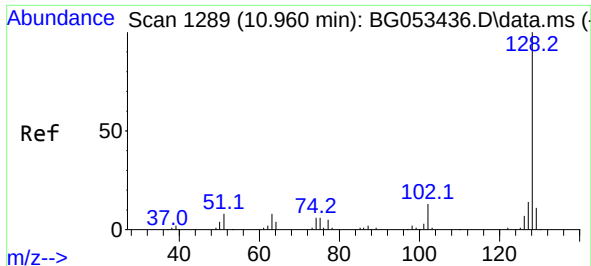
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 29.0 25.0 37.4





#31
Naphthalene
Concen: 40.093 ng
RT: 10.941 min Scan# 1165
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

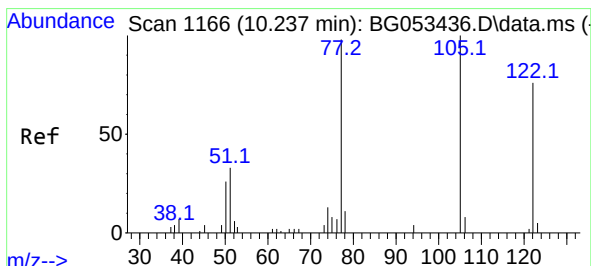
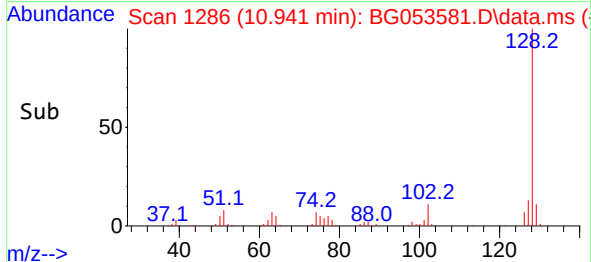
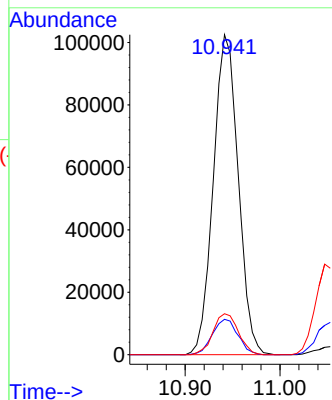
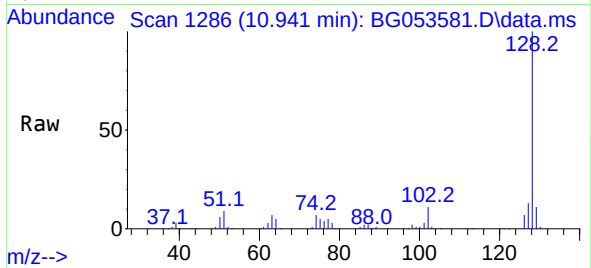
PB144822BS

Tgt Ion:128 Resp: 186798
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.8 11.1 16.7

Manual Integrations

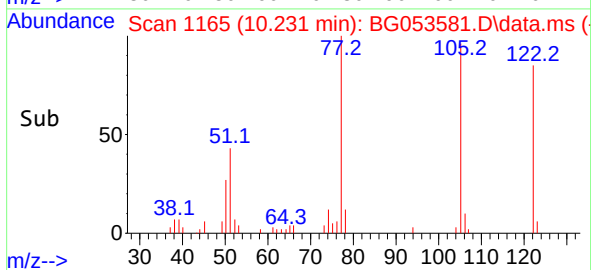
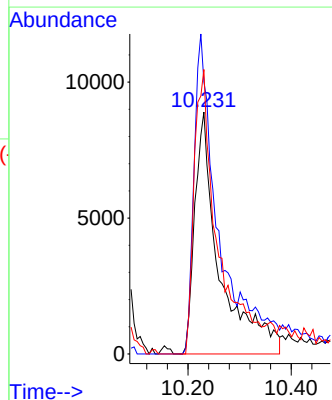
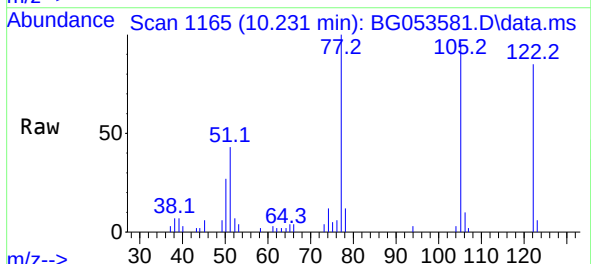
APPROVED

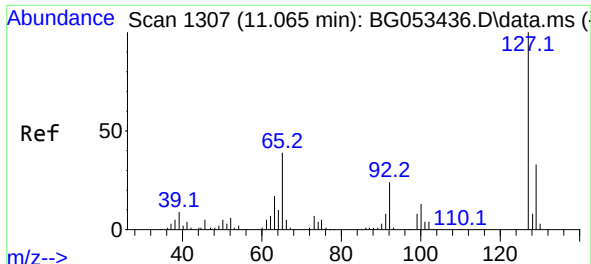
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#32
Benzoic acid
Concen: 39.360 ng m
RT: 10.231 min Scan# 1165
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:122 Resp: 29759
Ion Ratio Lower Upper
122 100
105 112.5 111.8 151.8
77 117.6 109.4 149.4





#33
4-Chloroaniline
Concen: 31.596 ng
RT: 11.047 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

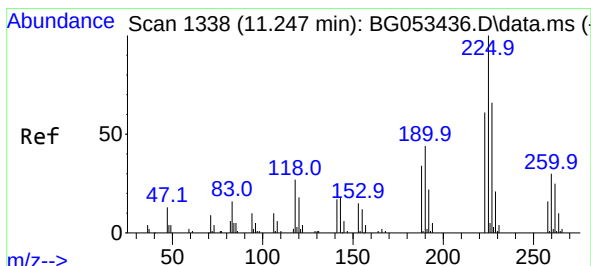
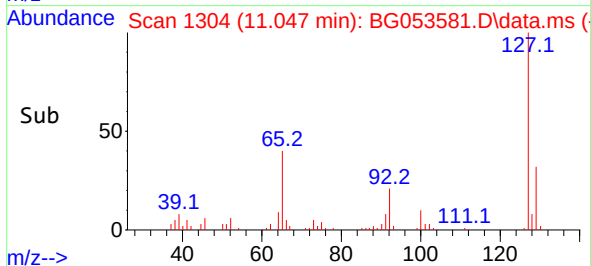
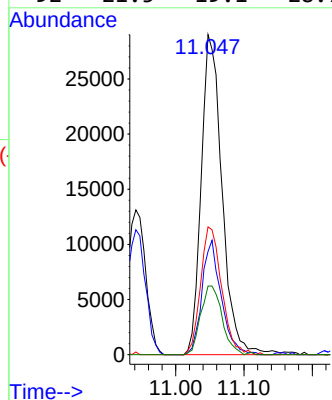
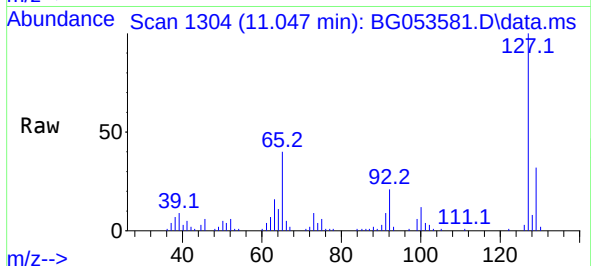
PB144822BS

Tgt Ion:127 Resp: 6165
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 39.9 31.1 46.7
92 21.5 19.1 28.7

Manual Integrations

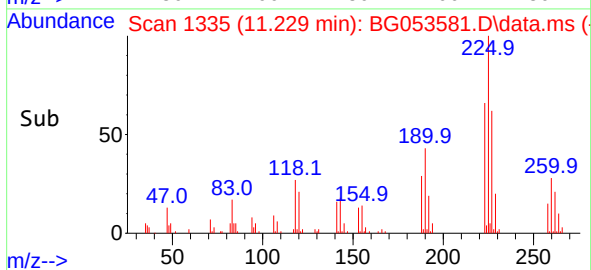
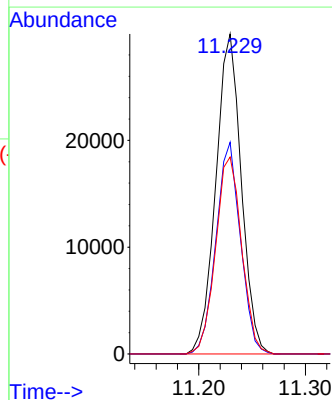
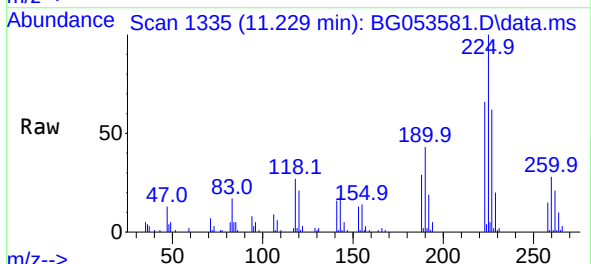
APPROVED

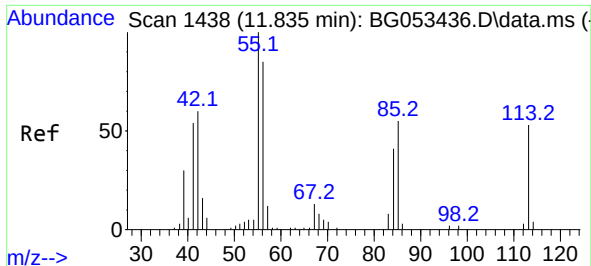
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#34
Hexachlorobutadiene
Concen: 38.465 ng
RT: 11.229 min Scan# 1335
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

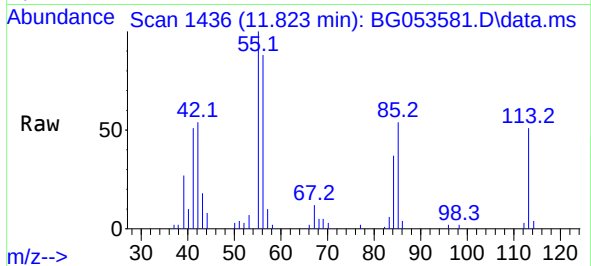
Tgt Ion:225 Resp: 49648
Ion Ratio Lower Upper
225 100
223 66.2 48.9 73.3
227 61.6 52.8 79.2





#35
Caprolactam
Concen: 46.423 ng m
RT: 11.823 min Scan# 1436
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

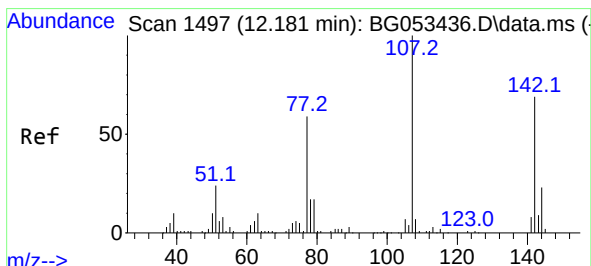
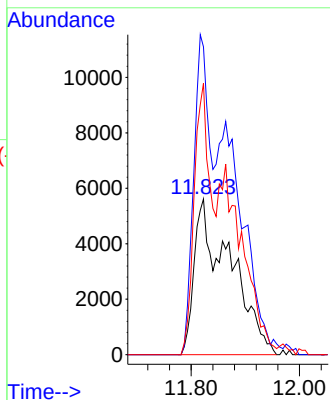
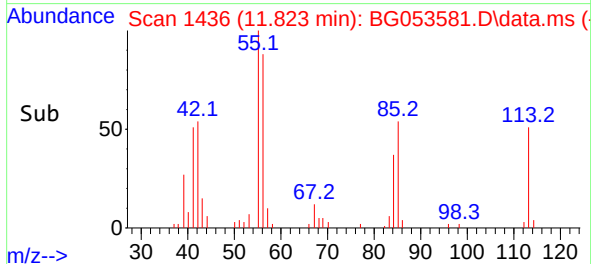
Instrument :
BNA_G
ClientSampleId :
PB144822BS



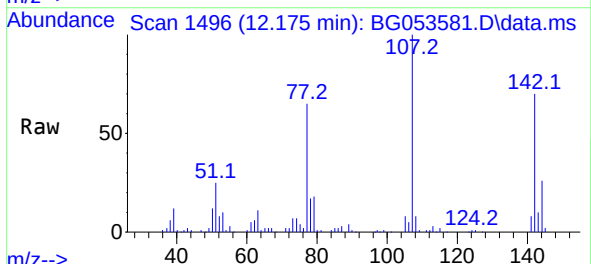
Tgt Ion:113 Resp: 2584
Ion Ratio Lower Upper
113 100
55 197.7 169.8 209.8
56 174.4 141.2 181.2

Manual Integrations
APPROVED

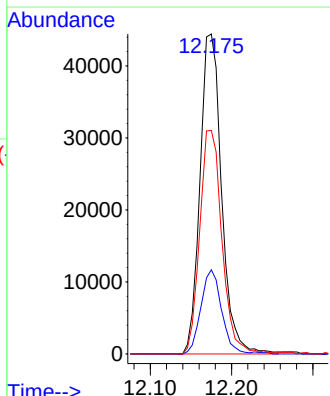
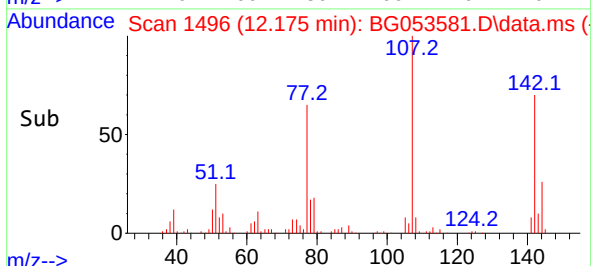
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

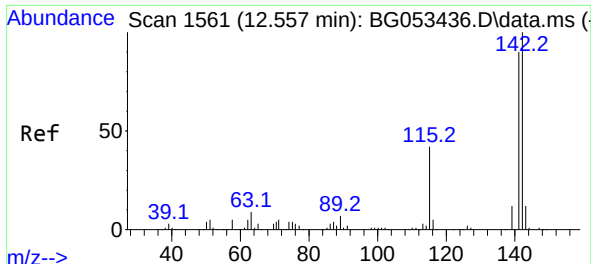


#36
4-Chloro-3-methylphenol
Concen: 44.802 ng
RT: 12.175 min Scan# 1496
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:107 Resp: 82103
Ion Ratio Lower Upper
107 100
144 26.3 18.5 27.7
142 69.9 55.0 82.4





#37

2-Methylnaphthalene

Concen: 41.458 ng

RT: 12.539 min Scan# 1558

Delta R.T. -0.009 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

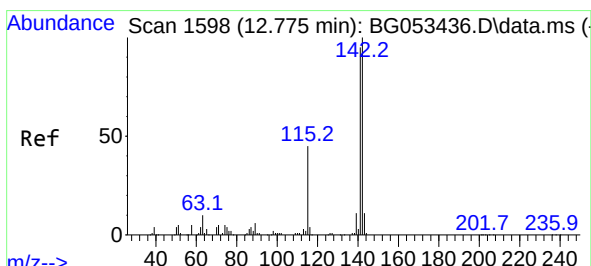
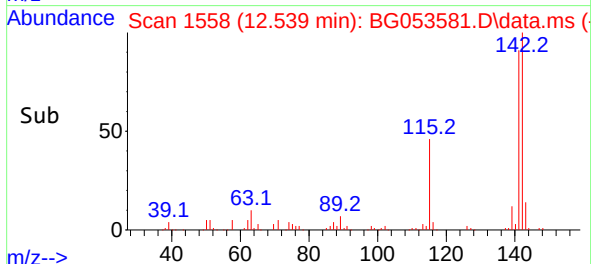
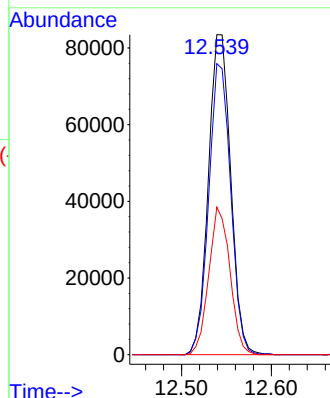
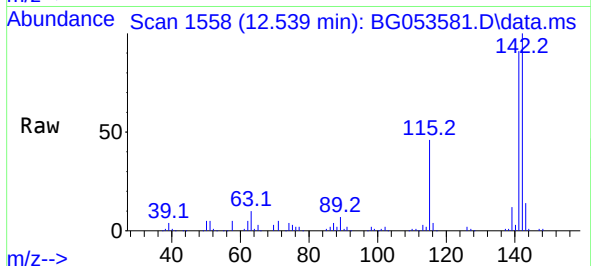
PB144822BS

Tgt Ion:	142	Resp:	14415
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.3	108.5
115	46.1	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#38

1-Methylnaphthalene

Concen: 40.789 ng

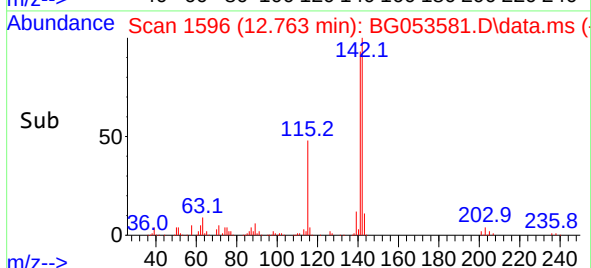
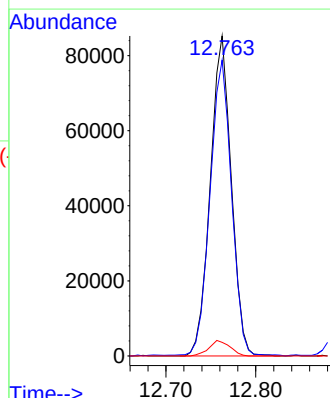
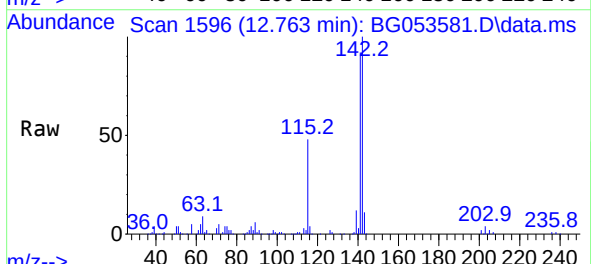
RT: 12.763 min Scan# 1596

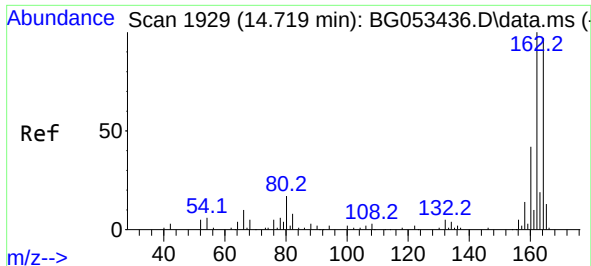
Delta R.T. -0.003 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

Tgt Ion:	142	Resp:	138373
Ion Ratio	Lower	Upper	
142	100		
141	92.5	76.4	114.6
116	4.3	3.3	4.9





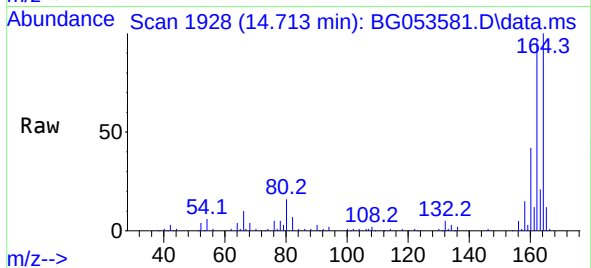
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1929
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

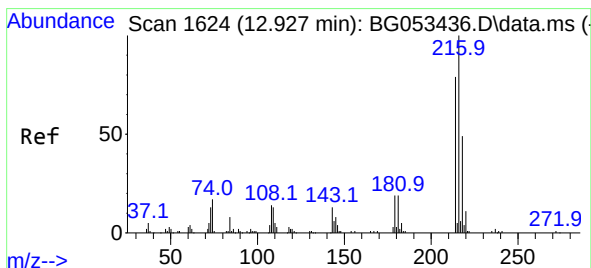
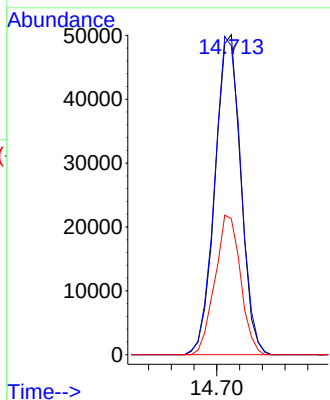
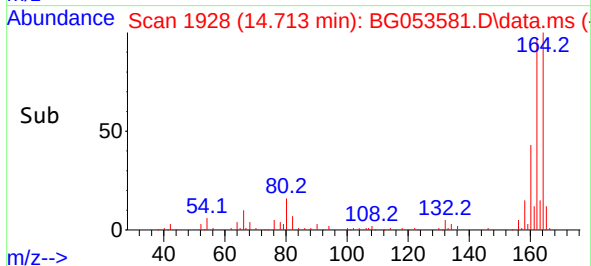


Tgt Ion:164 Resp: 7839
Ion Ratio Lower Upper
164 100
162 96.5 82.3 123.5
160 42.5 34.2 51.2

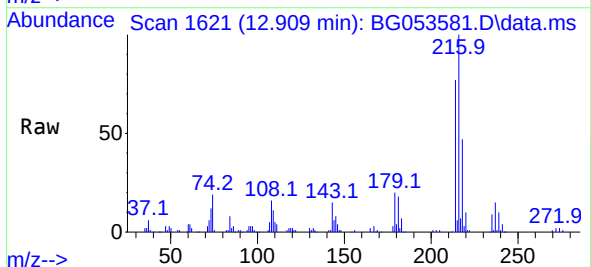
Manual Integrations

APPROVED

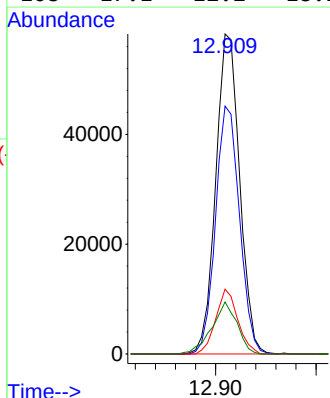
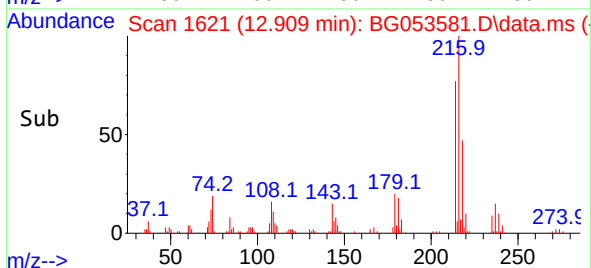
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

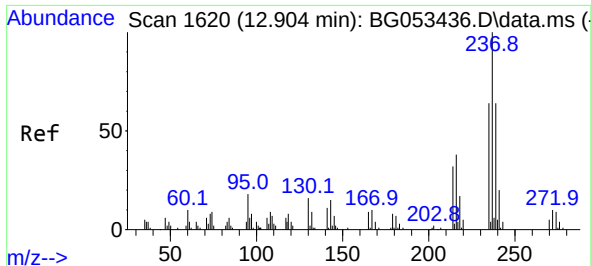


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.016 ng
RT: 12.909 min Scan# 1621
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:216 Resp: 96416
Ion Ratio Lower Upper
216 100
214 77.6 62.9 94.3
179 18.6 16.1 24.1
108 17.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 79.334 ng
RT: 12.892 min Scan# 1618
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

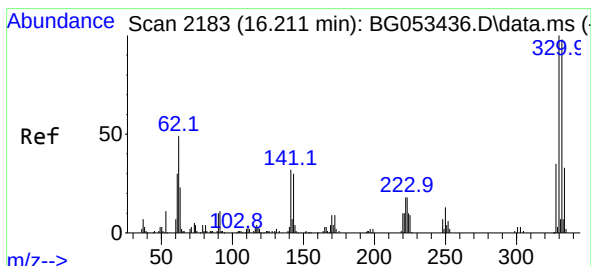
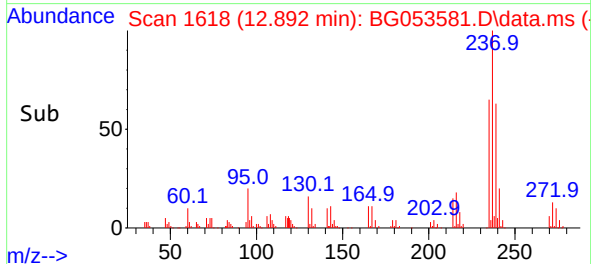
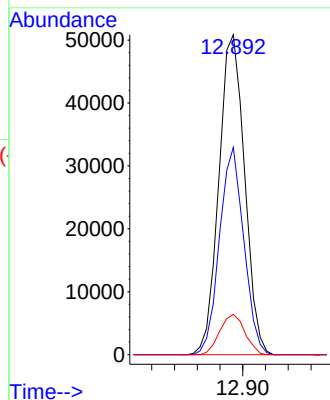
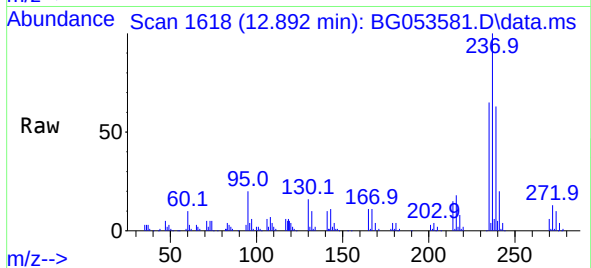
PB144822BS

Tgt Ion:237 Resp: 79772
Ion Ratio Lower Upper
237 100
235 64.8 43.5 83.5
272 12.6 0.0 30.1

Manual Integrations

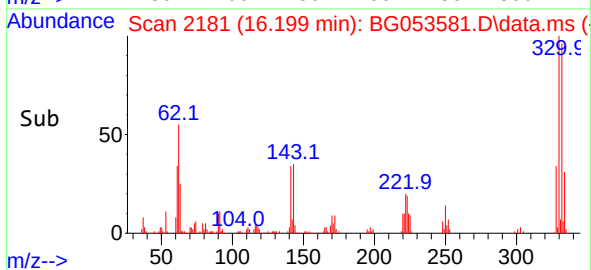
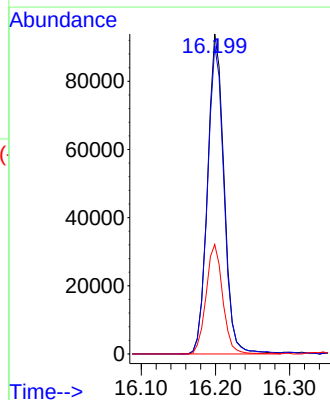
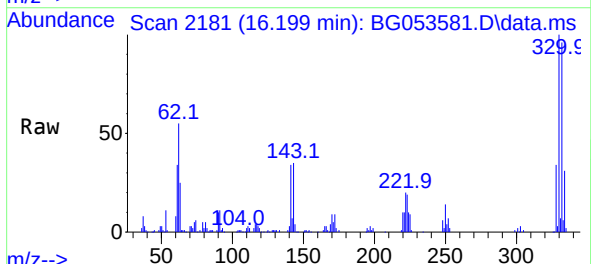
APPROVED

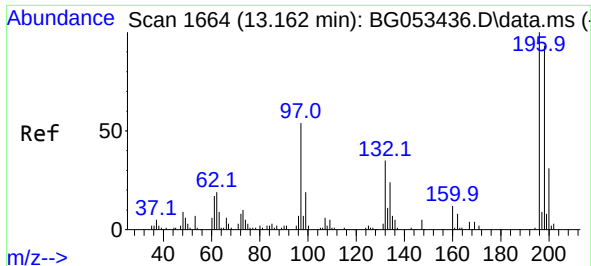
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#42
2,4,6-Tribromophenol
Concen: 125.771 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:330 Resp: 145425
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 34.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 39.915 ng
RT: 13.150 min Scan# 1662
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

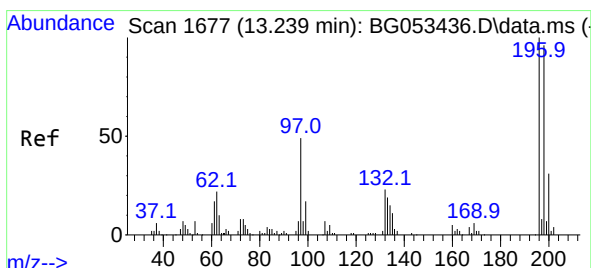
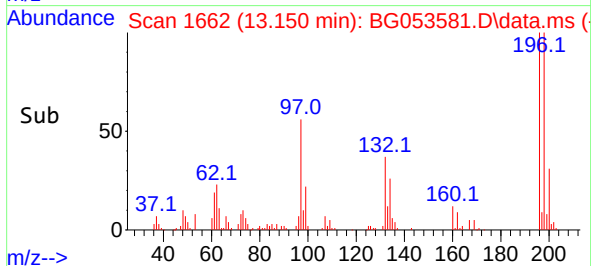
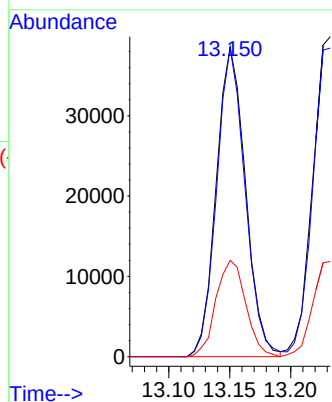
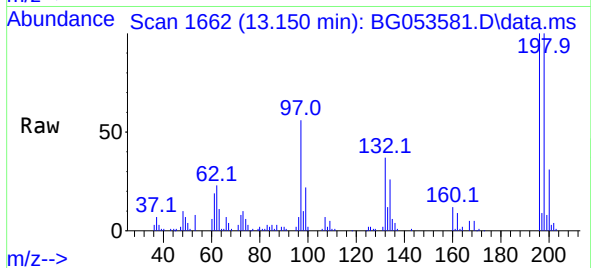
PB144822BS

Tgt Ion:196 Resp: 6438
Ion Ratio Lower Upper
196 100
198 99.8 74.1 111.1
200 31.1 24.7 37.1

Manual Integrations

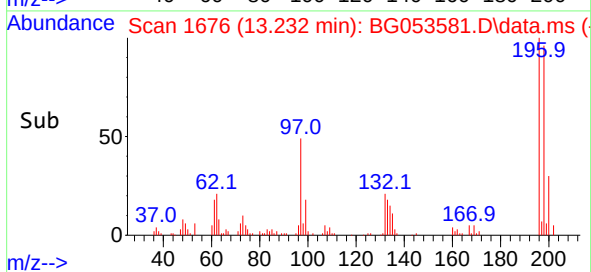
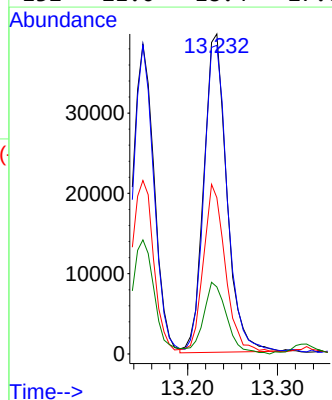
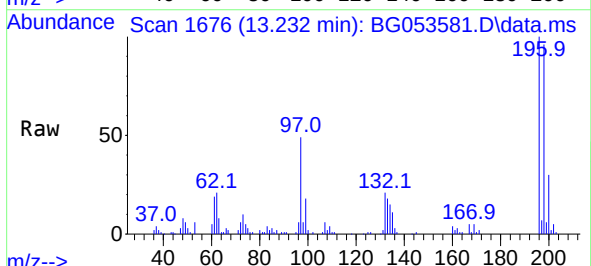
APPROVED

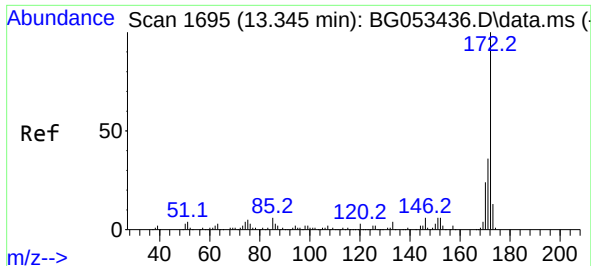
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#44
2,4,5-Trichlorophenol
Concen: 41.079 ng
RT: 13.232 min Scan# 1676
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:196 Resp: 70523
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
97 48.9 39.8 59.6
132 21.0 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 75.857 ng
RT: 13.332 min Scan# 1729
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

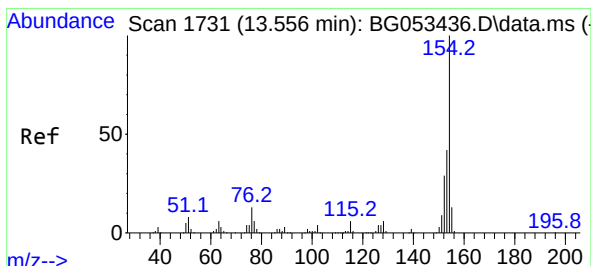
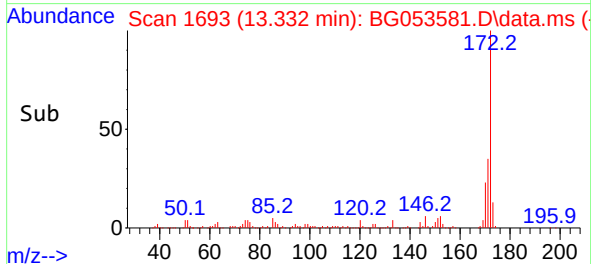
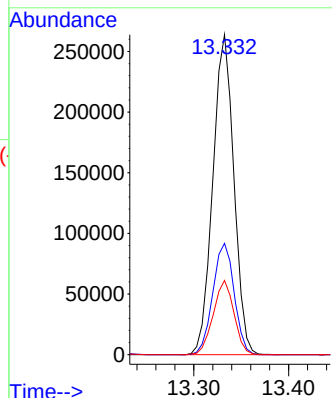
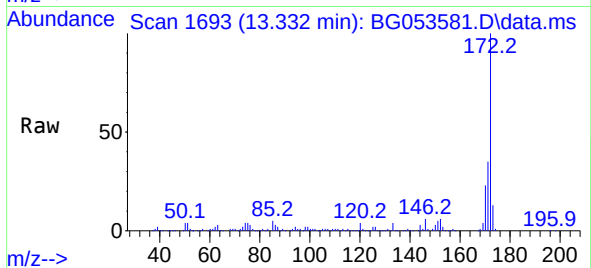
PB144822BS

Tgt Ion:172 Resp: 406970
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.2 18.9 28.3

Manual Integrations

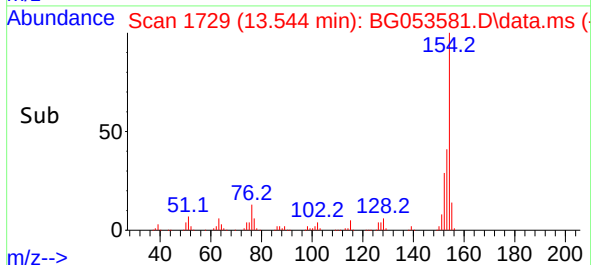
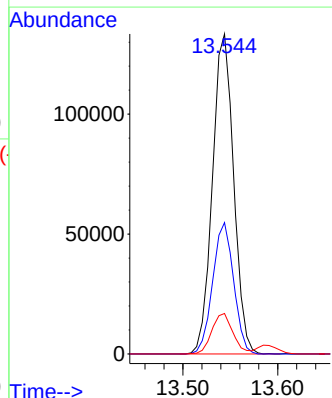
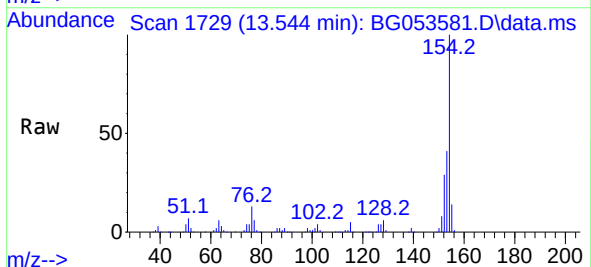
APPROVED

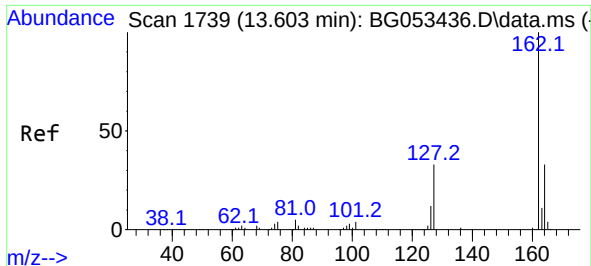
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#46
1,1'-Biphenyl
Concen: 38.730 ng
RT: 13.544 min Scan# 1729
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:154 Resp: 206968
Ion Ratio Lower Upper
154 100
153 41.0 21.6 61.6
76 12.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 38.478 ng
RT: 13.591 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

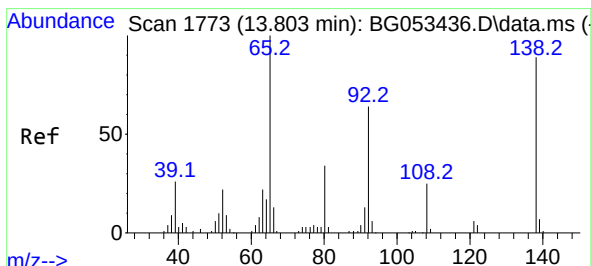
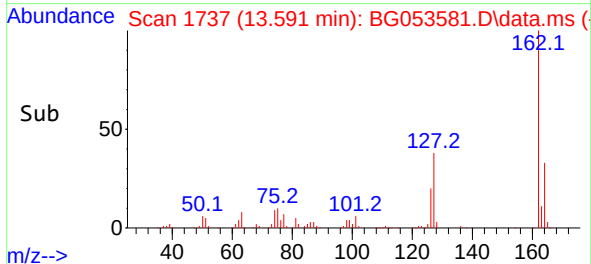
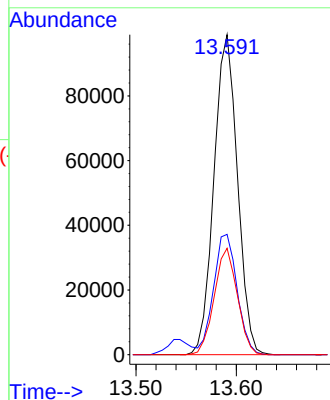
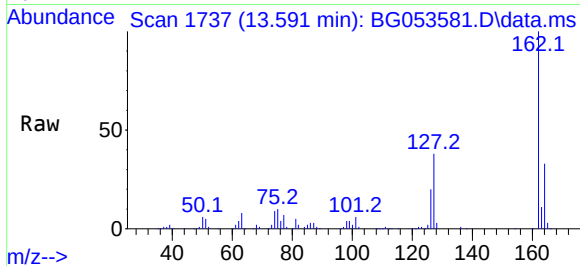
PB144822BS

Tgt Ion:162 Resp: 16109
Ion Ratio Lower Upper
162 100
127 37.6 30.6 45.8
164 33.3 26.5 39.7

Manual Integrations

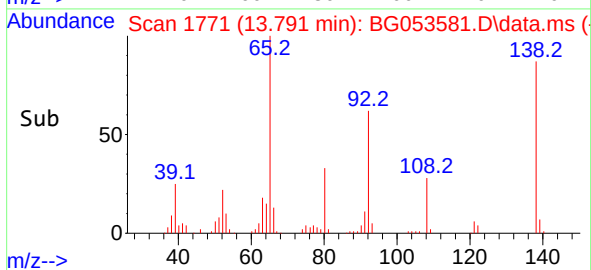
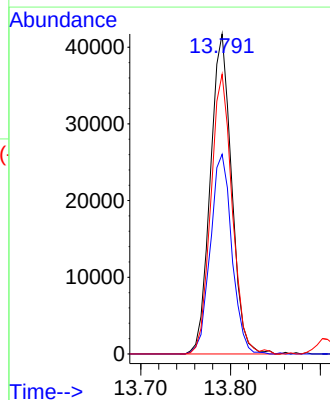
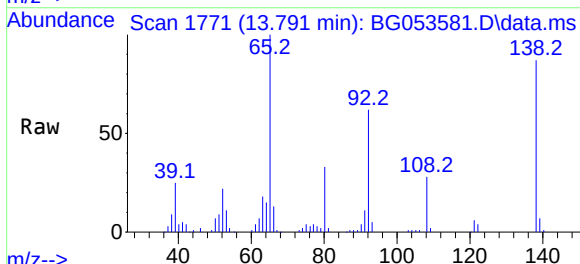
APPROVED

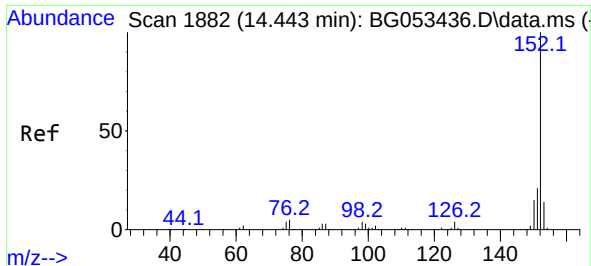
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#48
2-Nitroaniline
Concen: 43.951 ng
RT: 13.791 min Scan# 1771
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion: 65 Resp: 68567
Ion Ratio Lower Upper
65 100
92 62.4 51.5 77.3
138 87.4 71.3 106.9





#49
Acenaphthylene
Concen: 42.011 ng
RT: 14.431 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

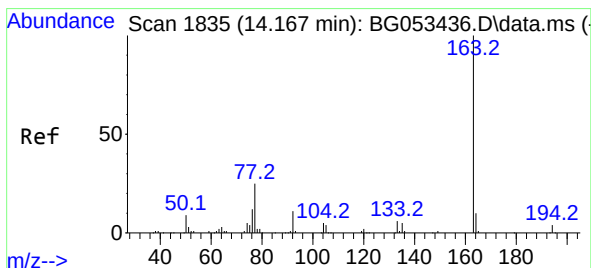
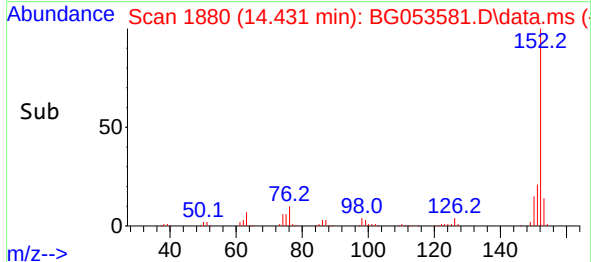
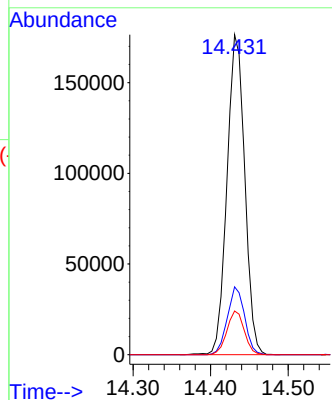
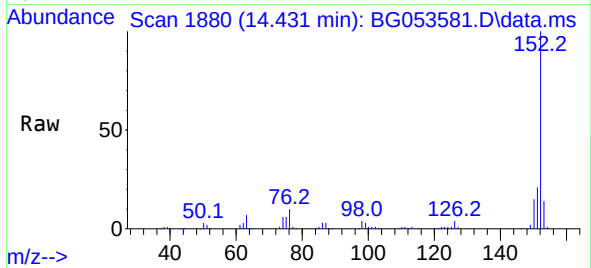
PB144822BS

Tgt Ion:152 Resp: 280674
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.6 10.8 16.2

Manual Integrations

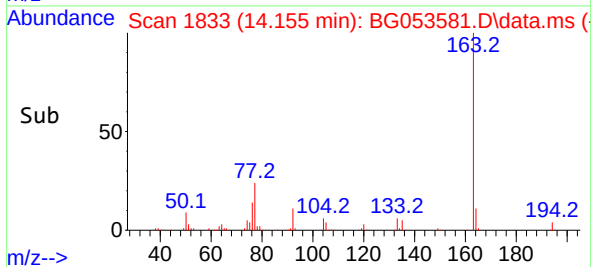
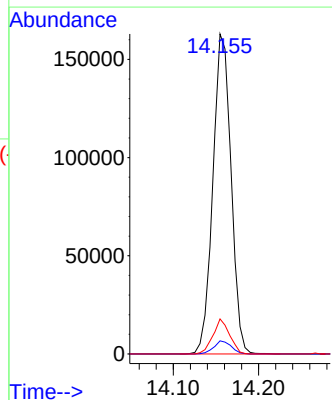
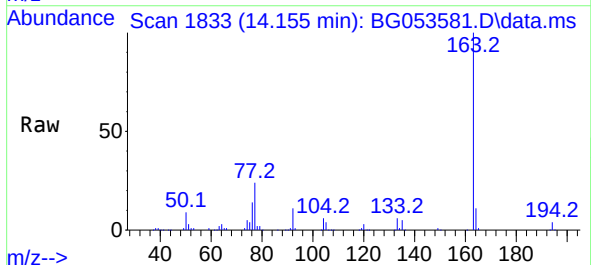
APPROVED

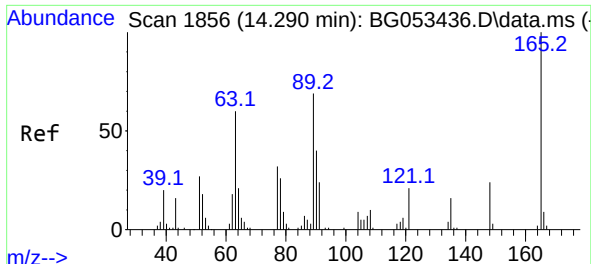
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#50
Dimethylphthalate
Concen: 40.394 ng
RT: 14.155 min Scan# 1833
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:163 Resp: 240647
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 42.265 ng
RT: 14.278 min Scan# 1854
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

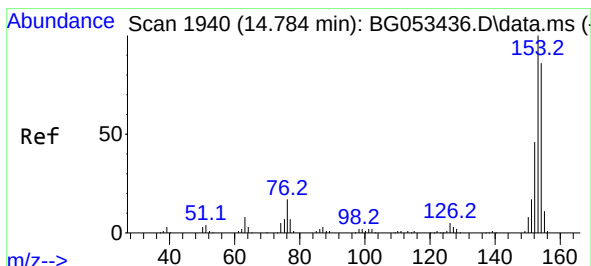
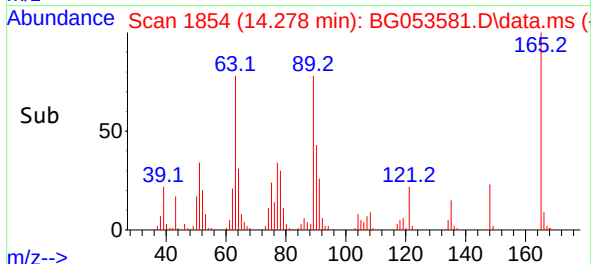
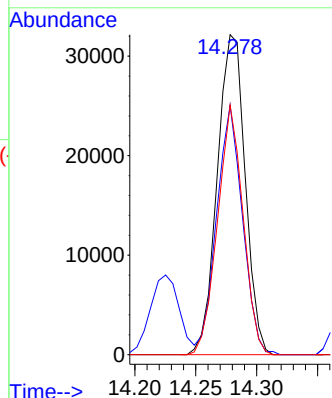
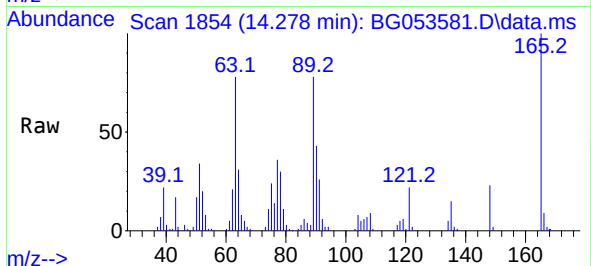
PB144822BS

Tgt Ion:165 Resp: 51298
Ion Ratio Lower Upper
165 100
63 77.9 54.1 81.1
89 77.9 54.8 82.2

Manual Integrations

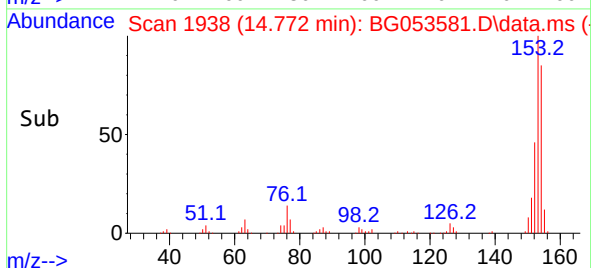
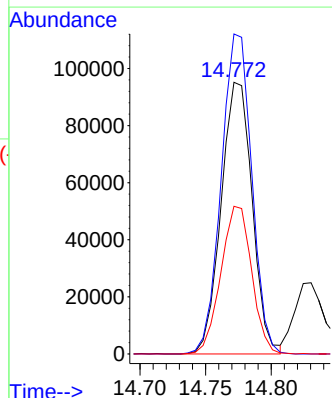
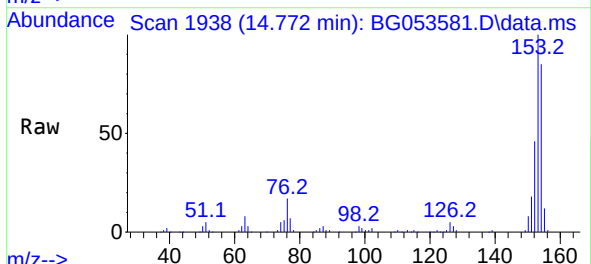
APPROVED

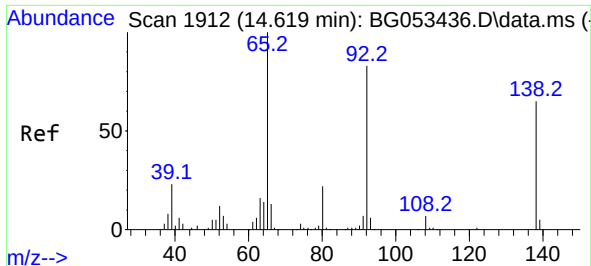
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#52
Acenaphthene
Concen: 39.334 ng
RT: 14.772 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:154 Resp: 156609
Ion Ratio Lower Upper
154 100
153 117.8 92.7 139.1
152 54.4 42.6 64.0





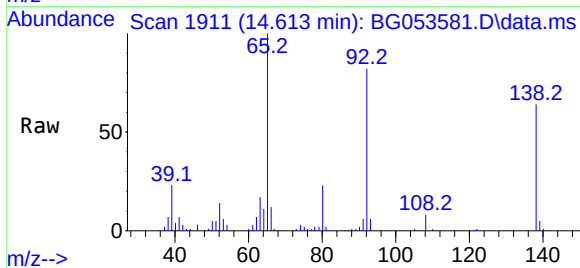
#53
3-Nitroaniline
Concen: 33.858 ng
RT: 14.613 min Scan# 1911
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

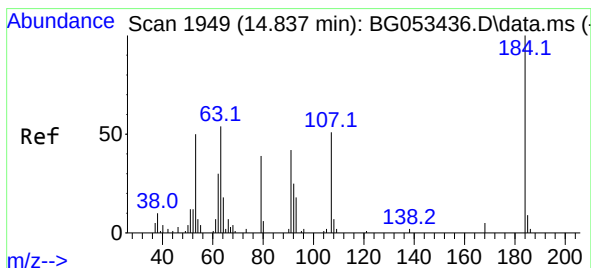
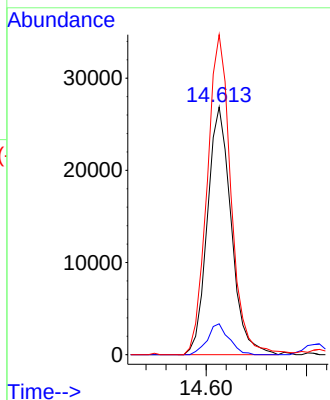
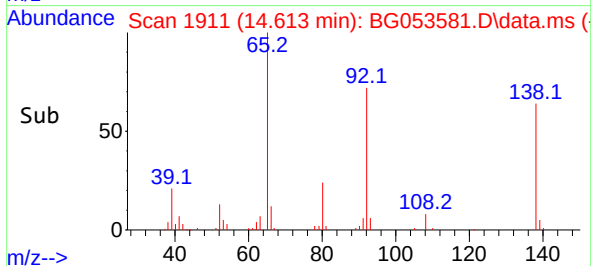


Tgt Ion:138 Resp: 4440
Ion Ratio Lower Upper
138 100
108 12.5 9.2 13.8
92 129.2 101.9 152.9

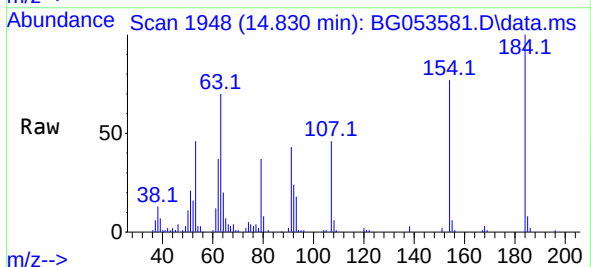
Manual Integrations

APPROVED

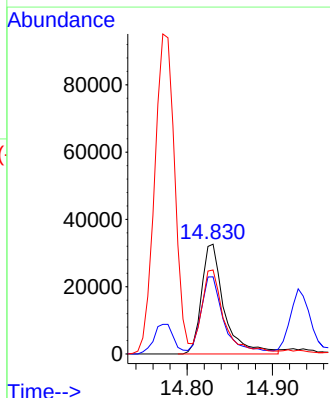
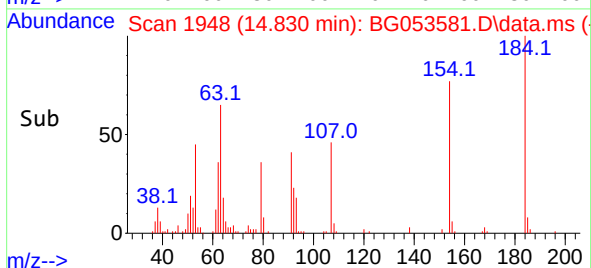
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

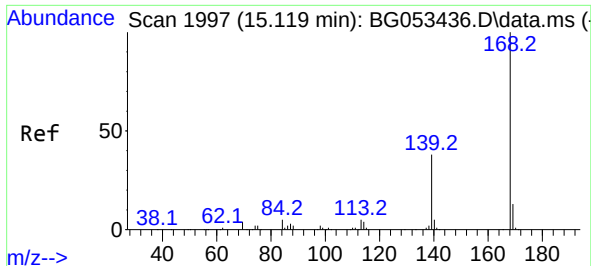


#54
2,4-Dinitrophenol
Concen: 78.707 ng
RT: 14.830 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:184 Resp: 60554
Ion Ratio Lower Upper
184 100
63 70.2 61.1 91.7
154 76.5 60.6 91.0





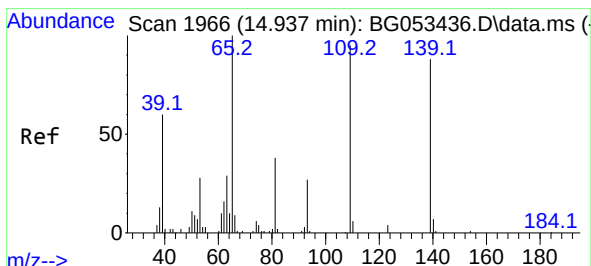
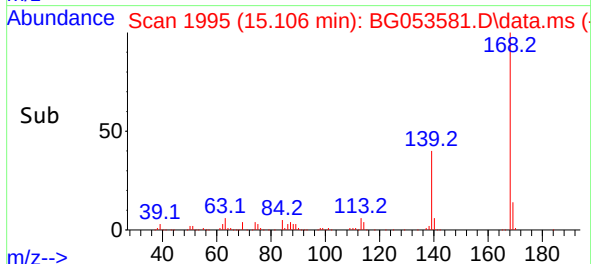
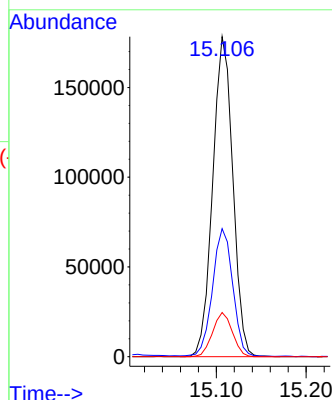
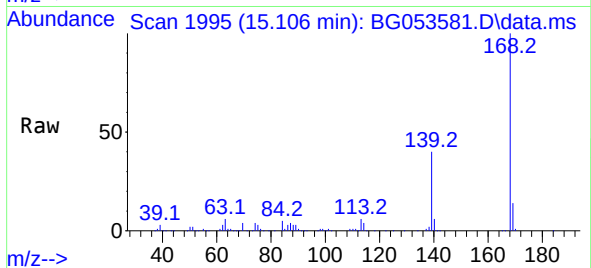
#55
Dibenzenofuran
Concen: 38.720 ng
RT: 15.106 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB144822BS

Tgt Ion:168 Resp: 276908
Ion Ratio Lower Upper
168 100
139 40.0 30.5 45.7
169 13.8 10.3 15.5

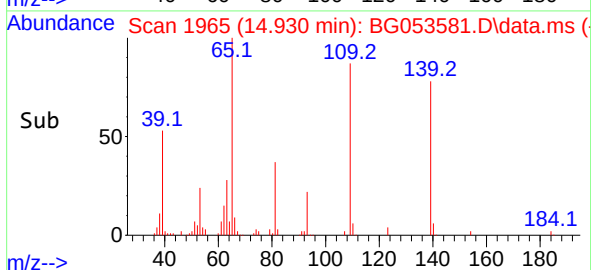
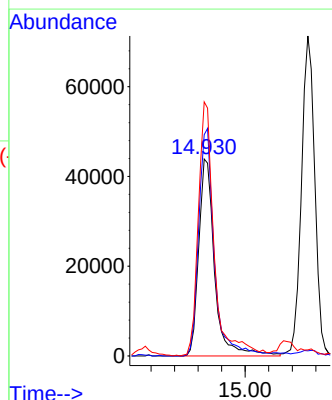
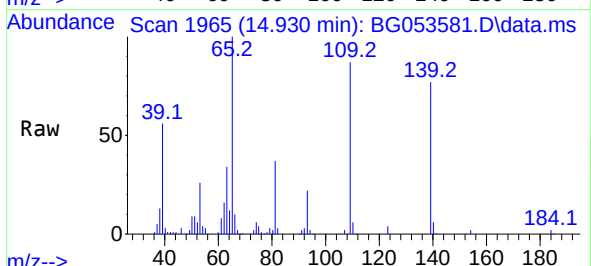
Manual Integrations
APPROVED

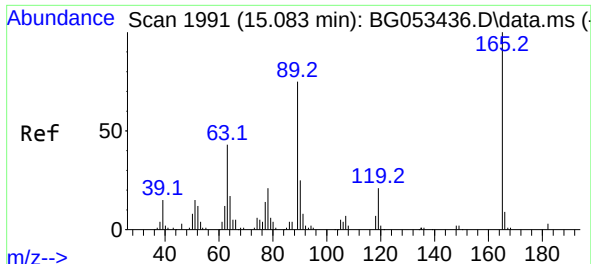
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#56
4-Nitrophenol
Concen: 87.691 ng
RT: 14.930 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:139 Resp: 82138
Ion Ratio Lower Upper
139 100
109 112.4 88.5 128.5
65 129.1 93.9 133.9





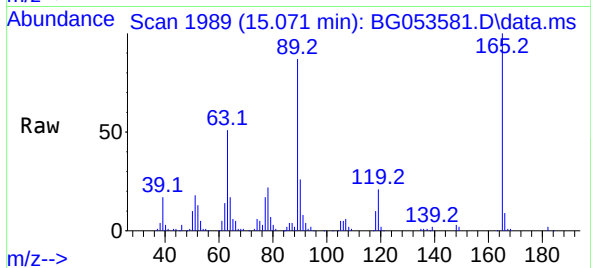
#57
2,4-Dinitrotoluene
Concen: 44.704 ng
RT: 15.071 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

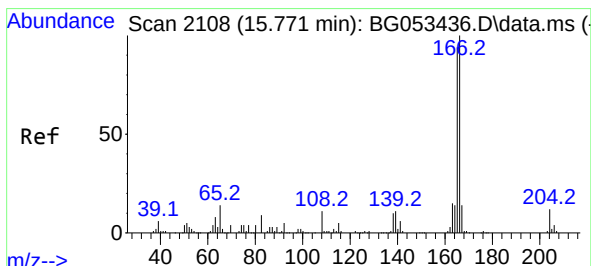
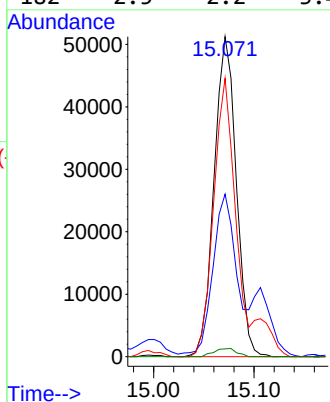
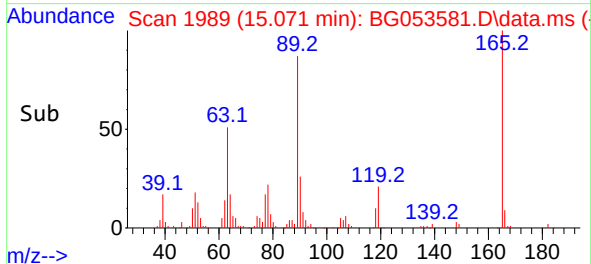


Tgt Ion:165 Resp: 7864
Ion Ratio Lower Upper
165 100
63 50.8 34.6 52.0
89 87.0 60.3 90.5
182 2.5 2.2 3.4

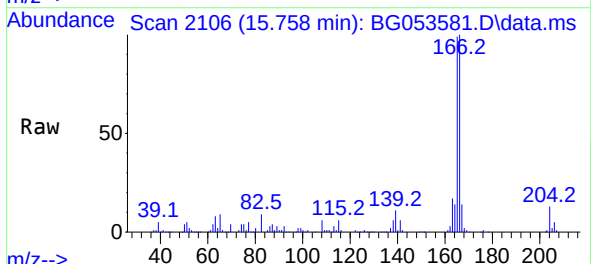
Manual Integrations

APPROVED

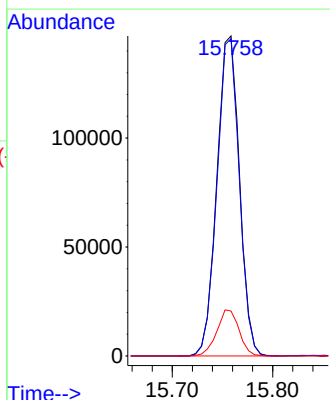
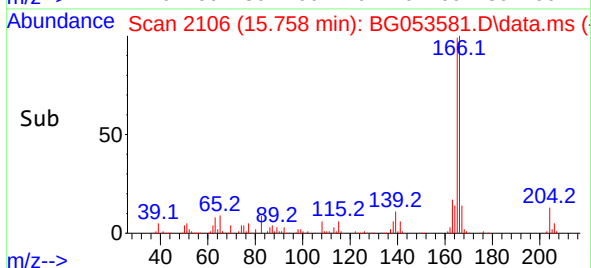
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

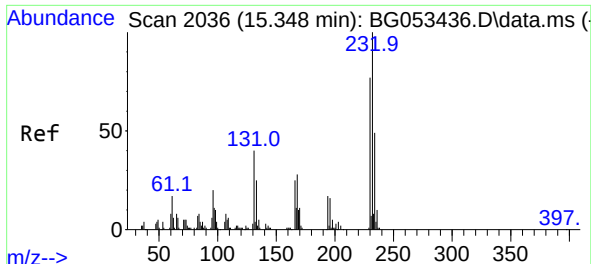


#58
Fluorene
Concen: 39.999 ng
RT: 15.758 min Scan# 2106
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:166 Resp: 229556
Ion Ratio Lower Upper
166 100
165 99.2 75.0 112.6
167 14.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.181 ng
RT: 15.341 min Scan# 2036
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

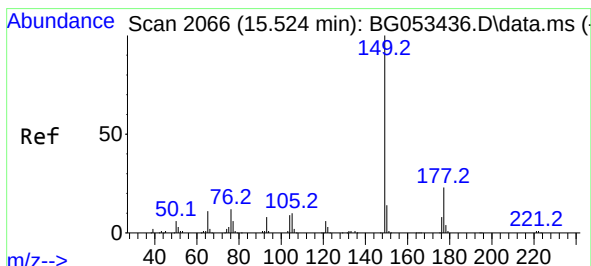
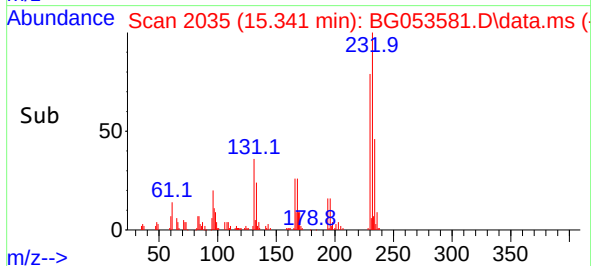
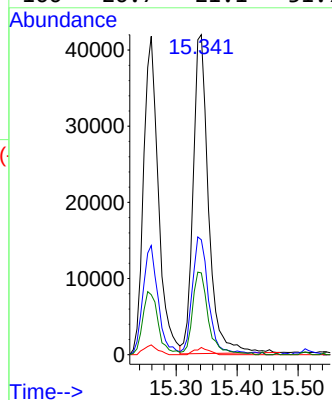
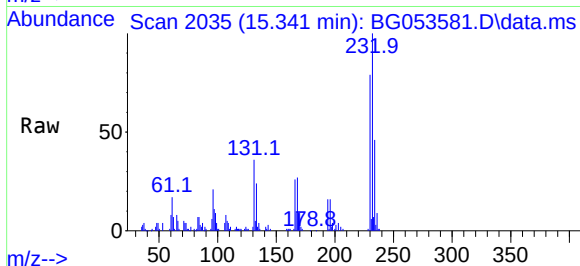
PB144822BS

Tgt Ion:232 Resp: 7347
Ion Ratio Lower Upper
232 100
131 38.0 30.6 46.0
130 2.1 1.8 2.8
166 26.7 21.1 31.7

Manual Integrations

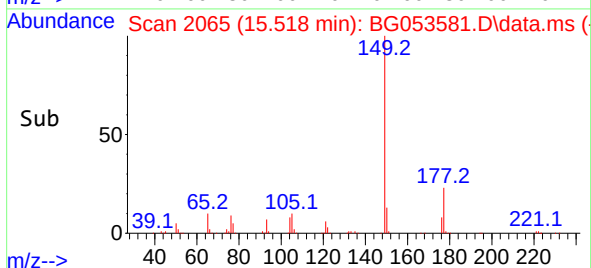
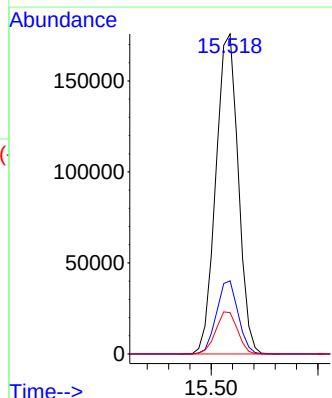
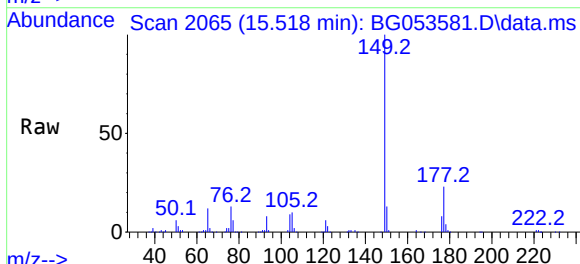
APPROVED

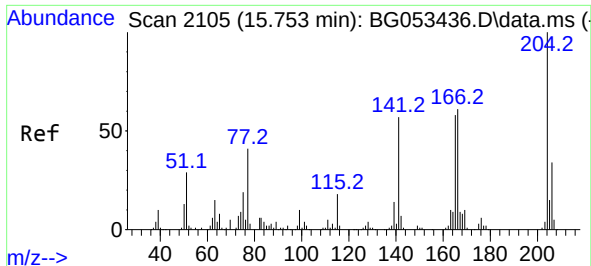
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#60
Diethylphthalate
Concen: 41.554 ng
RT: 15.518 min Scan# 2065
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:149 Resp: 255718
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.9 11.2 16.8





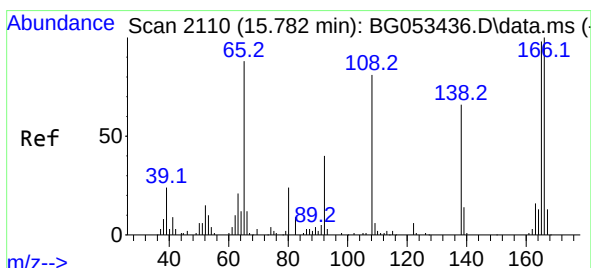
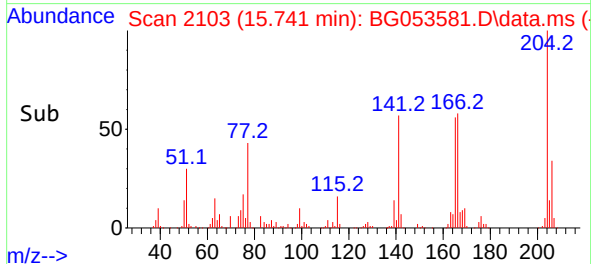
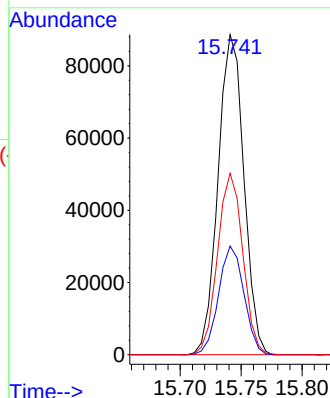
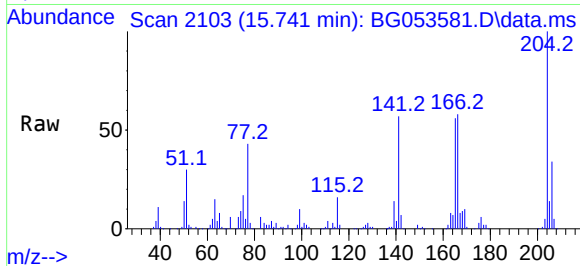
#61
4-Chlorophenyl-phenylether
Concen: 40.783 ng
RT: 15.741 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB144822BS

Tgt Ion:204 Resp: 13060
Ion Ratio Lower Upper
204 100
206 34.0 27.5 41.3
141 56.7 45.3 67.9

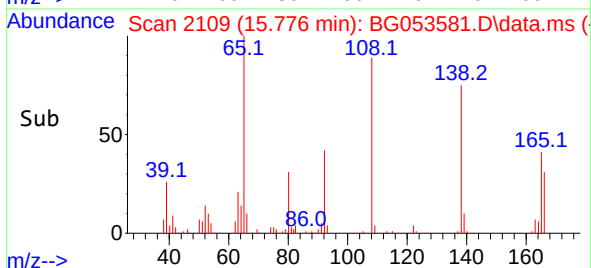
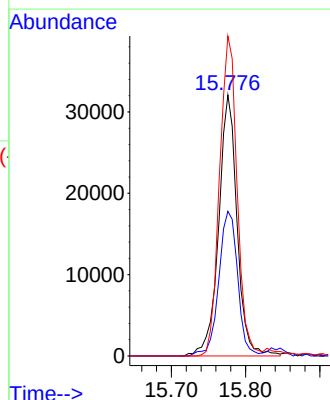
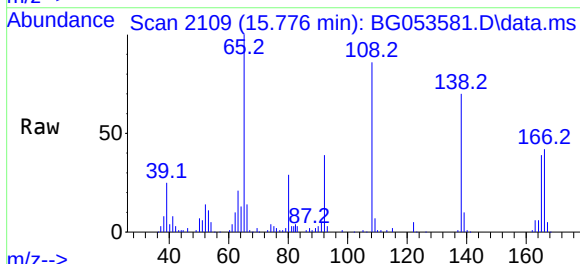
Manual Integrations
APPROVED

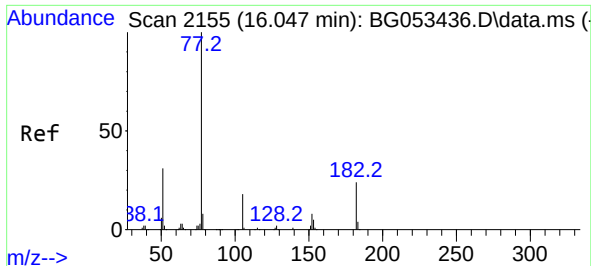
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#62
4-Nitroaniline
Concen: 40.699 ng
RT: 15.776 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:138 Resp: 55359
Ion Ratio Lower Upper
138 100
92 55.4 40.5 80.5
108 122.6 103.7 143.7





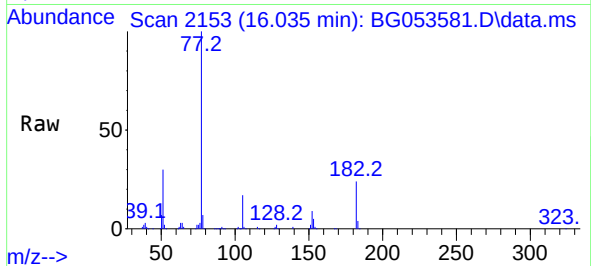
#63
Azobenzene
Concen: 40.331 ng
RT: 16.035 min Scan# 2155
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

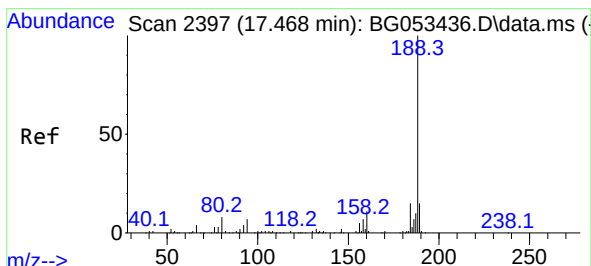
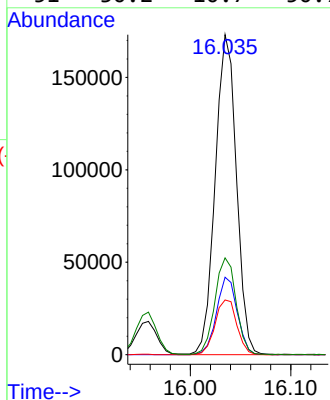
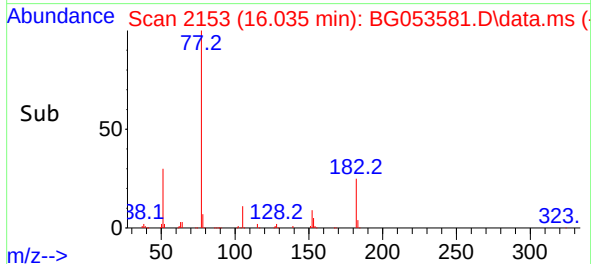


Tgt Ion: 77 Resp: 254140
Ion Ratio Lower Upper
77 100
182 24.2 3.8 43.8
105 17.1 0.0 37.8
51 30.2 10.7 50.7

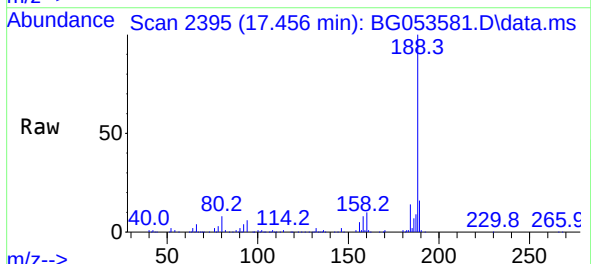
Manual Integrations

APPROVED

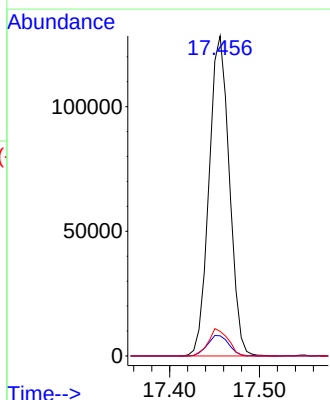
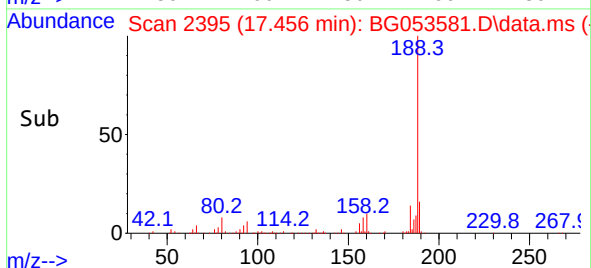
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

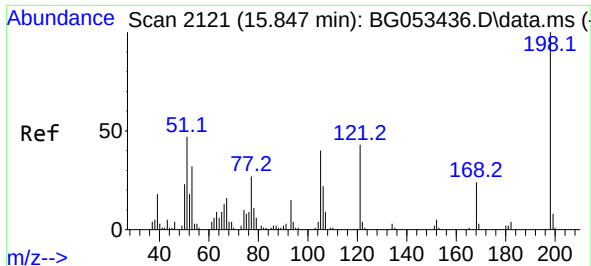


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:188 Resp: 201583
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.7 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 37.800 ng
RT: 15.841 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

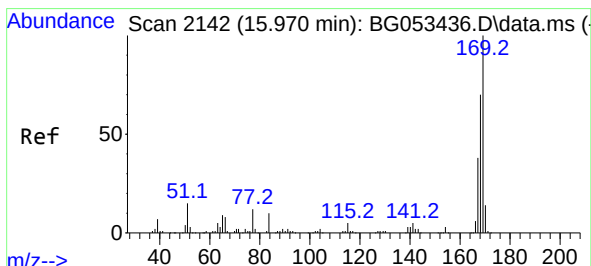
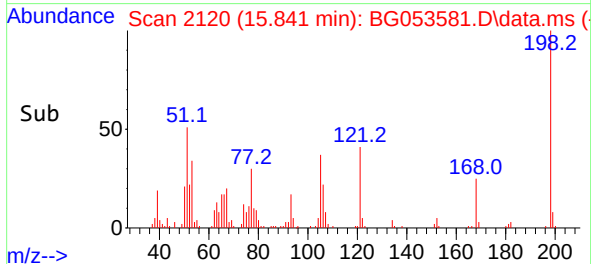
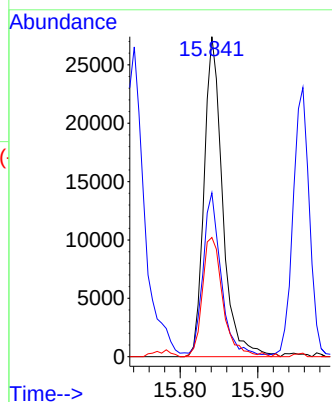
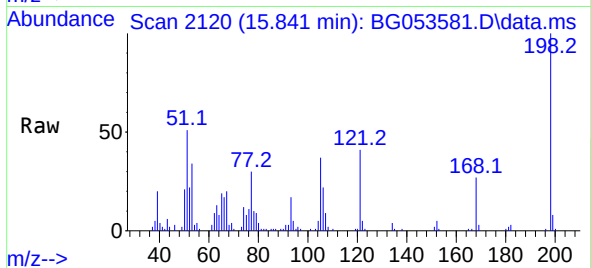
PB144822BS

Tgt Ion:198 Resp: 4540
Ion Ratio Lower Upper
198 100
51 51.2 28.1 68.1
105 37.2 20.3 60.3

Manual Integrations

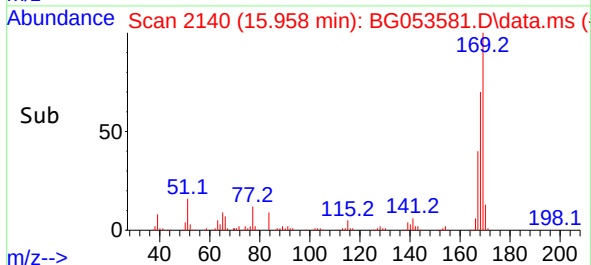
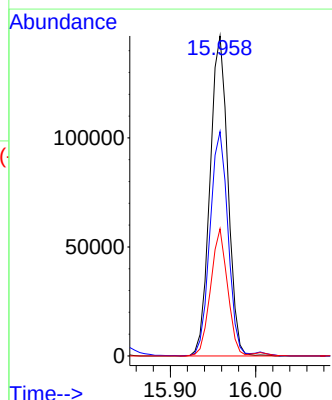
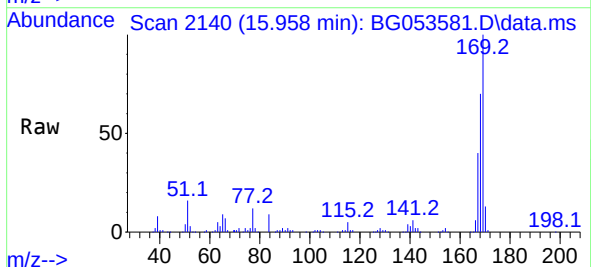
APPROVED

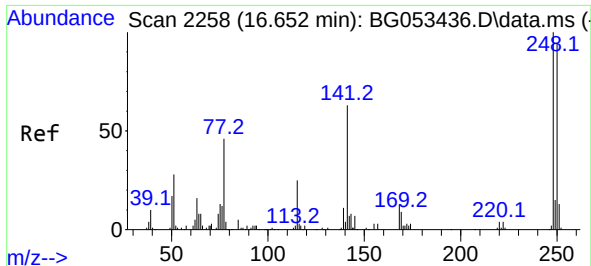
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#66
n-Nitrosodiphenylamine
Concen: 40.492 ng
RT: 15.958 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:169 Resp: 214310
Ion Ratio Lower Upper
169 100
168 70.1 55.9 83.9
167 39.7 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 40.421 ng
RT: 16.640 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

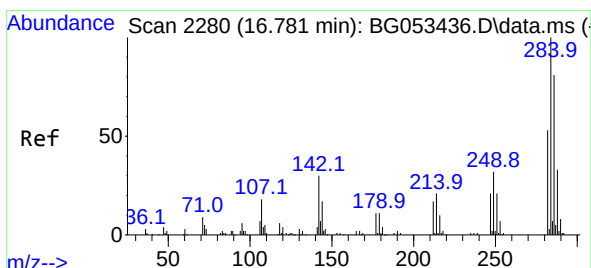
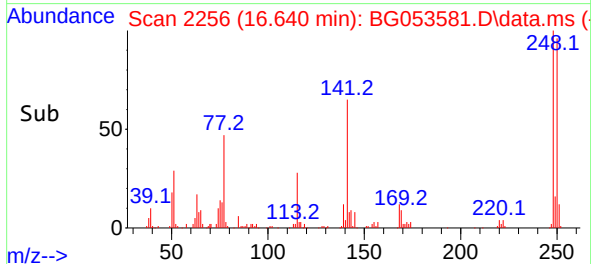
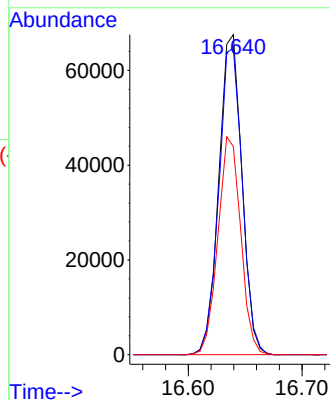
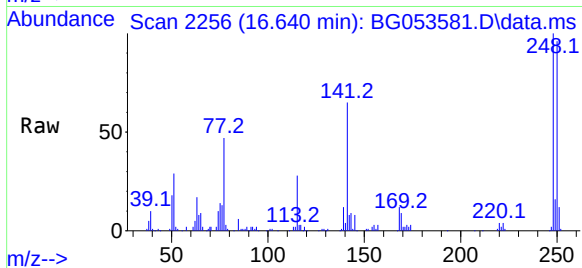
PB144822BS

Tgt Ion:248 Resp: 9516
Ion Ratio Lower Upper
248 100
250 95.9 75.2 112.8
141 65.1 50.0 75.0

Manual Integrations

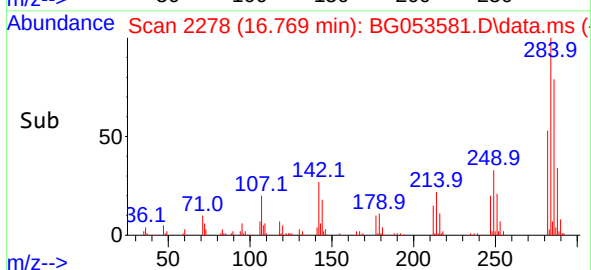
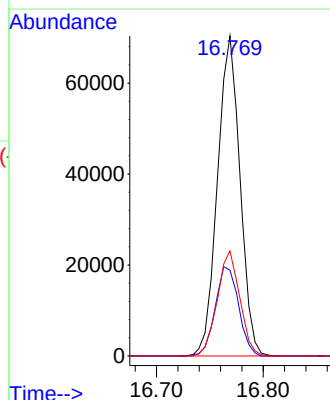
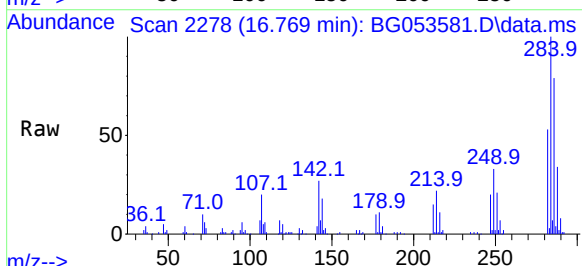
APPROVED

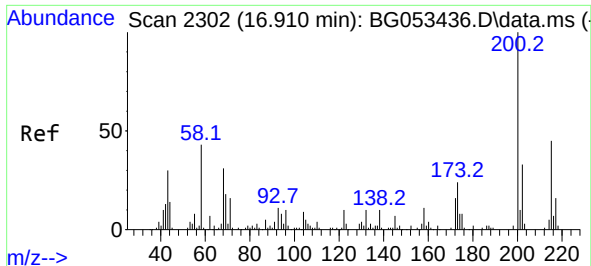
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#68
Hexachlorobenzene
Concen: 39.964 ng
RT: 16.769 min Scan# 2278
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:284 Resp: 103041
Ion Ratio Lower Upper
284 100
142 26.8 23.6 35.4
249 32.8 25.8 38.6





#69
Atrazine
Concen: 42.239 ng
RT: 16.904 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

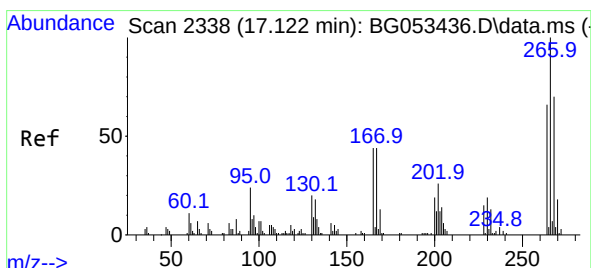
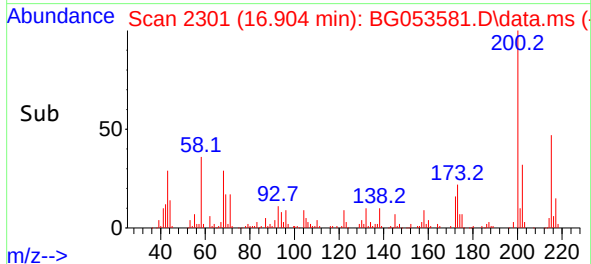
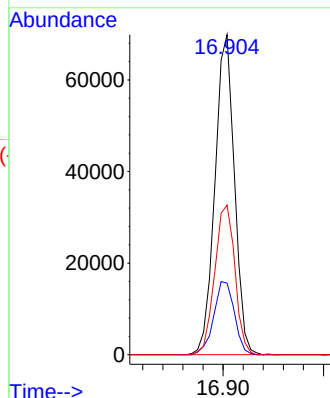
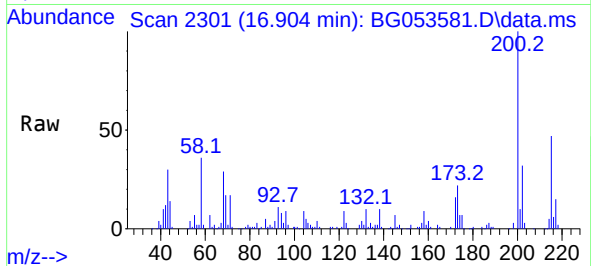
PB144822BS

Tgt Ion:200 Resp: 9411
Ion Ratio Lower Upper
200 100
173 22.4 3.7 43.7
215 46.7 25.2 65.2

Manual Integrations

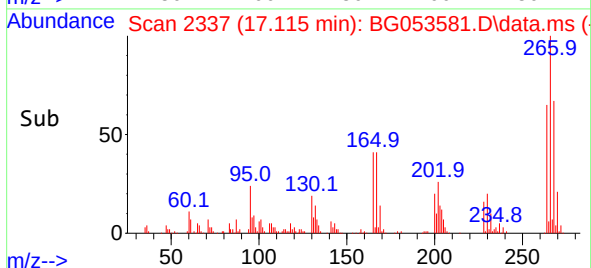
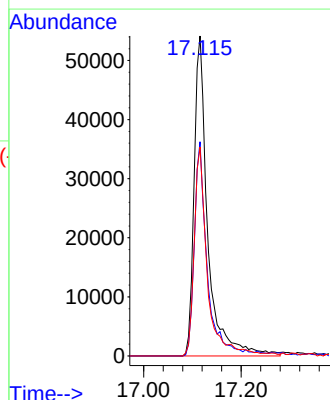
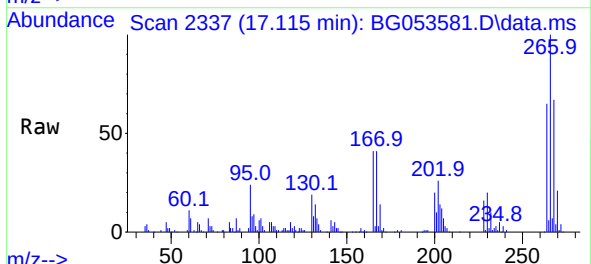
APPROVED

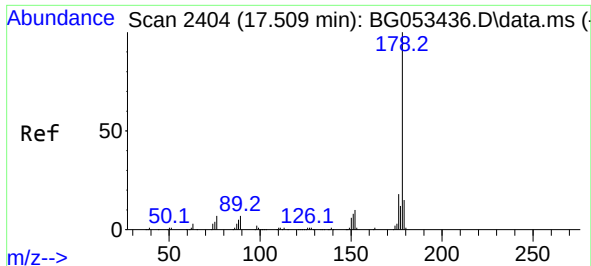
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#70
Pentachlorophenol
Concen: 76.467 ng
RT: 17.115 min Scan# 2337
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:266 Resp: 105873
Ion Ratio Lower Upper
266 100
268 67.0 56.2 84.2
264 65.3 53.0 79.4





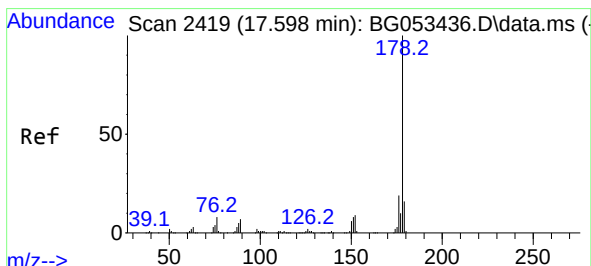
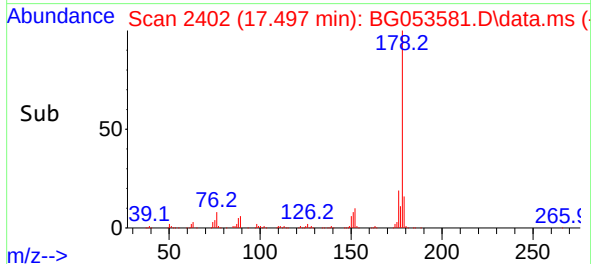
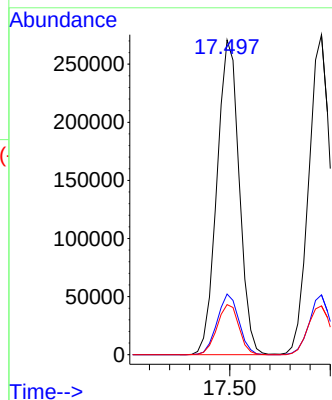
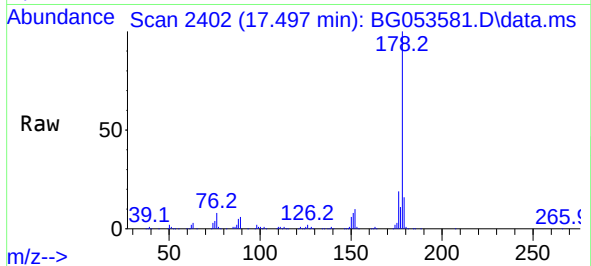
#71
Phenanthrene
Concen: 40.559 ng
RT: 17.497 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB144822BS

Tgt Ion:178 Resp: 41573
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 15.9 12.1 18.1

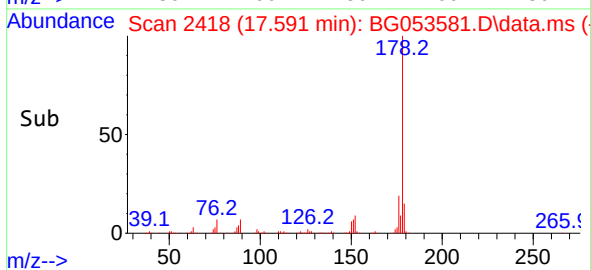
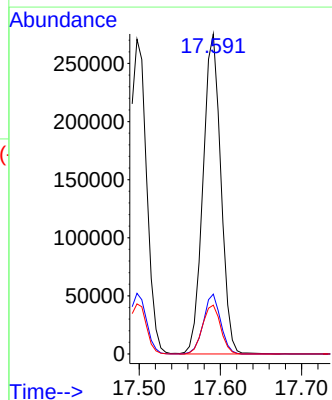
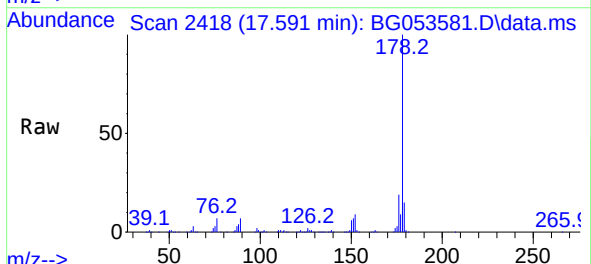
Manual Integrations
APPROVED

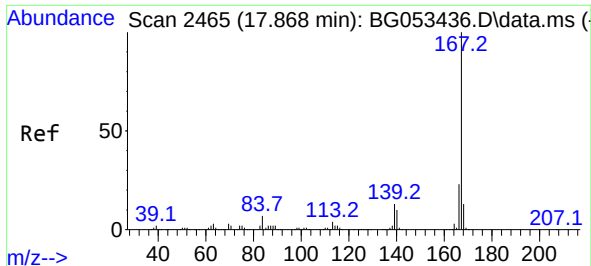
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#72
Anthracene
Concen: 41.590 ng
RT: 17.591 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:178 Resp: 419014
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.3 13.0 19.4





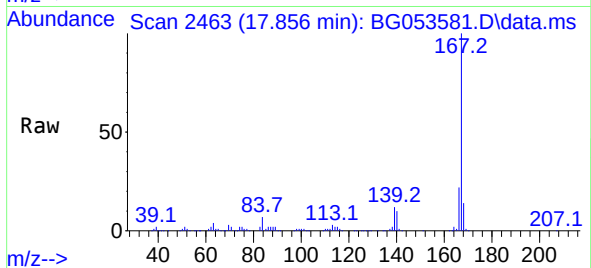
#73
 Carbazole
 Concen: 38.929 ng
 RT: 17.856 min Scan# 2463
 Delta R.T. -0.003 min
 Lab File: BG053581.D
 Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB144822BS

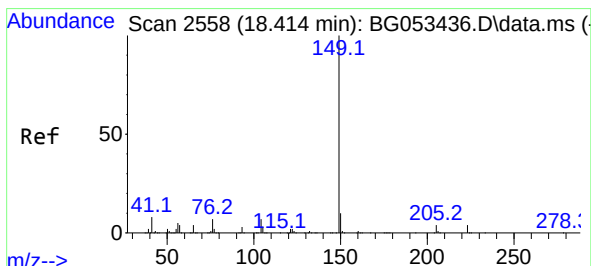
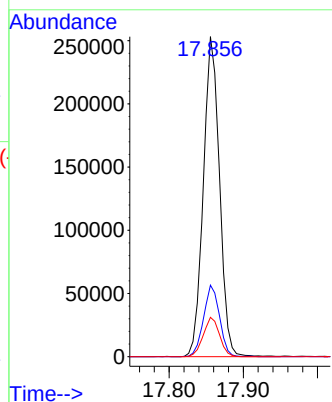
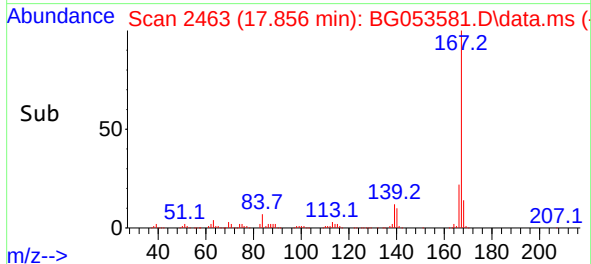


Tgt Ion:167 Resp: 38438
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.3 10.1 15.1

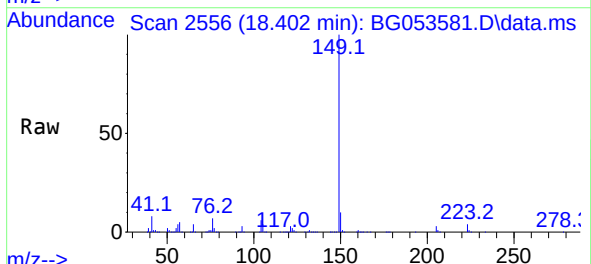
Manual Integrations

APPROVED

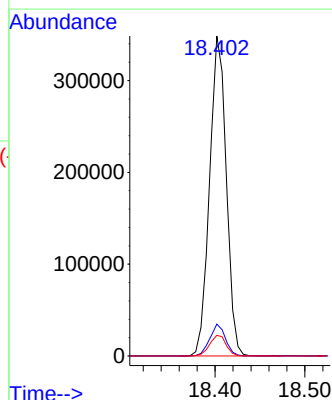
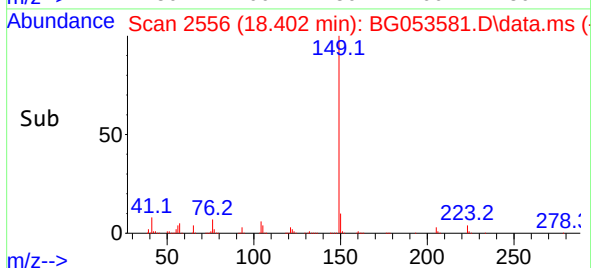
Reviewed By :Christian Giraldo 05/18/2022
 Supervised By :Jagrut Upadhyay 05/18/2022

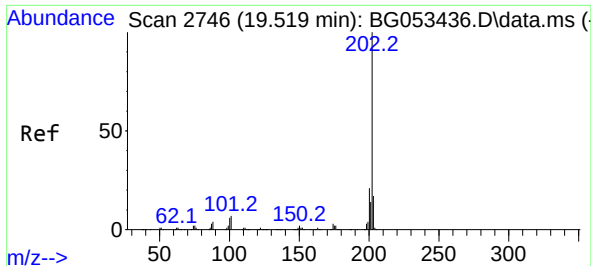


#74
 Di-n-butylphthalate
 Concen: 40.578 ng
 RT: 18.402 min Scan# 2556
 Delta R.T. -0.003 min
 Lab File: BG053581.D
 Acq: 17 May 2022 13:03



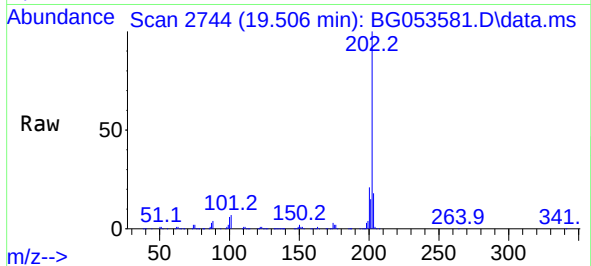
Tgt Ion:149 Resp: 450624
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 6.4 5.4 8.0





#75
Fluoranthene
Concen: 40.141 ng
RT: 19.506 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

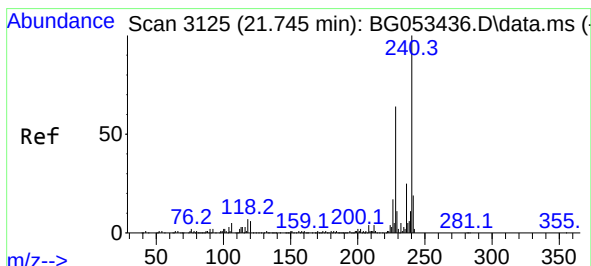
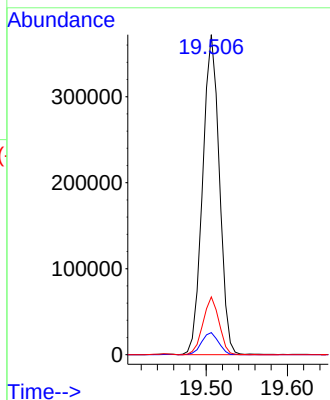
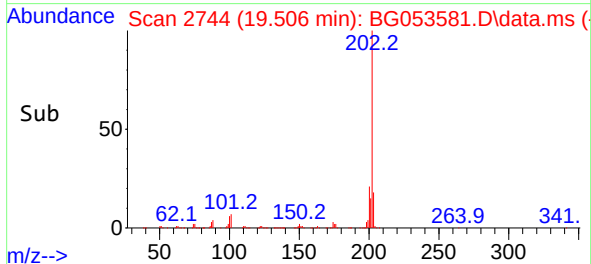
Instrument :
BNA_G
ClientSampleId :
PB144822BS



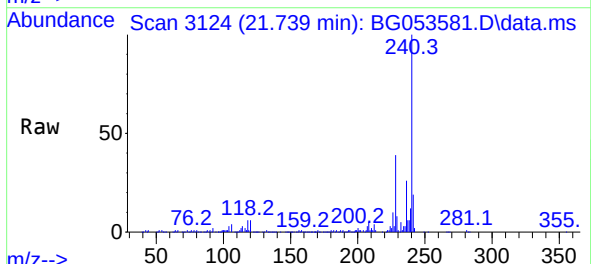
Tgt Ion:202 Resp: 53275
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 18.0 0.0 37.2

Manual Integrations
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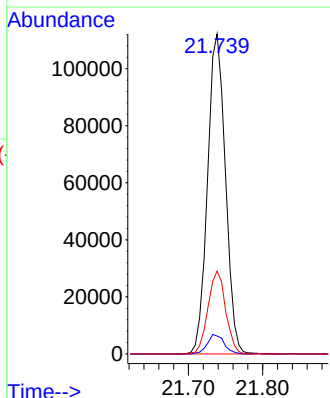
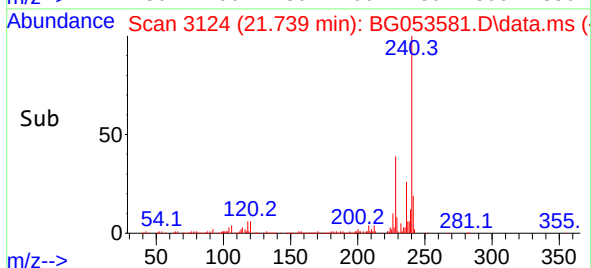
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

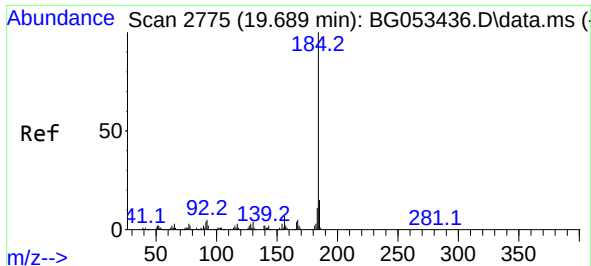


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:240 Resp: 187759
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 25.9 20.2 30.4





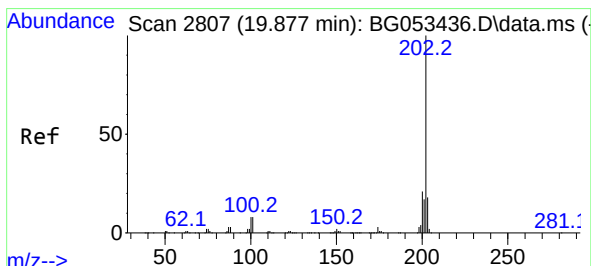
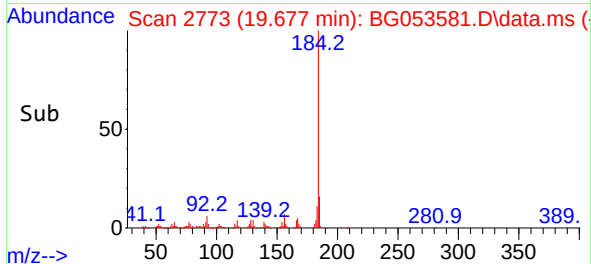
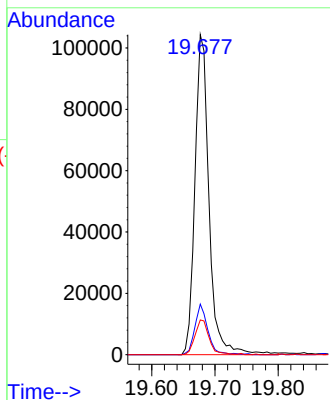
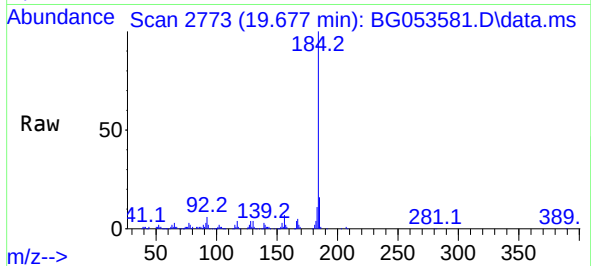
#77
Benzidine
Concen: 39.890 ng
RT: 19.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB144822BS

Tgt Ion:184 Resp: 161429
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 10.8 8.9 13.3

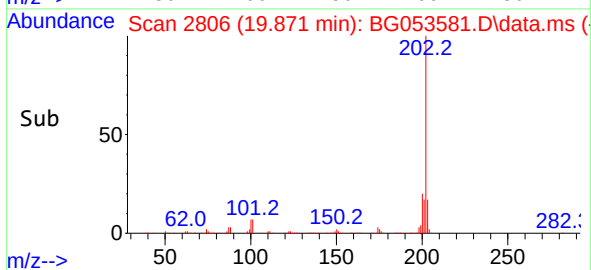
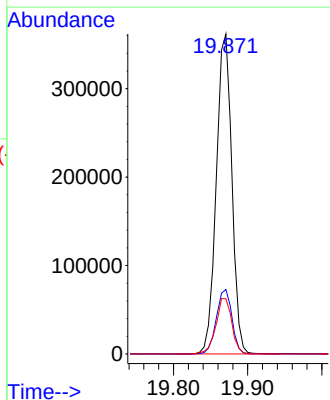
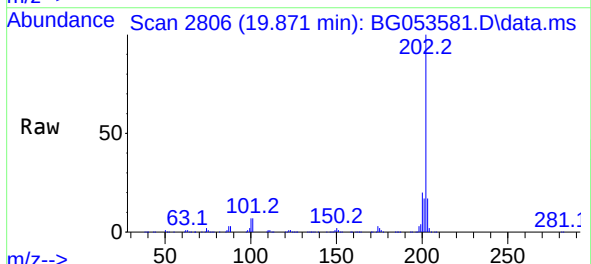
Manual Integrations
APPROVED

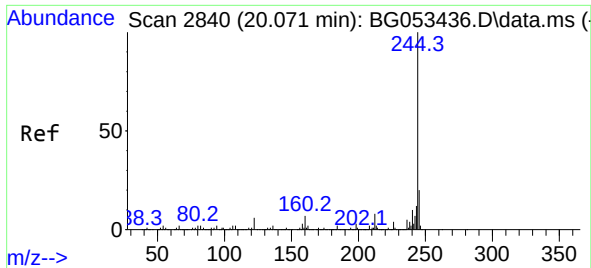
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#78
Pyrene
Concen: 43.292 ng
RT: 19.871 min Scan# 2806
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

Tgt Ion:202 Resp: 526197
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 87.217 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053581.D
 Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

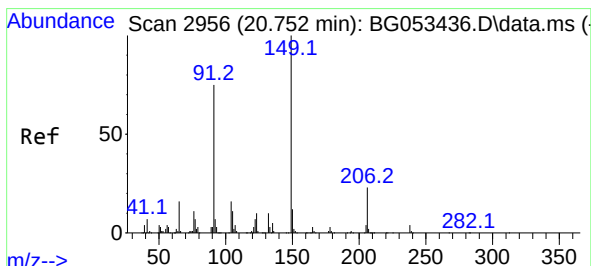
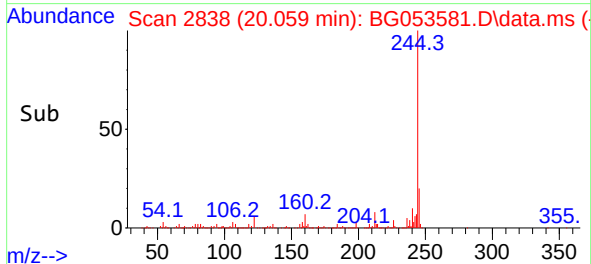
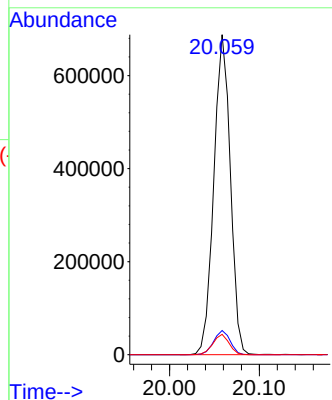
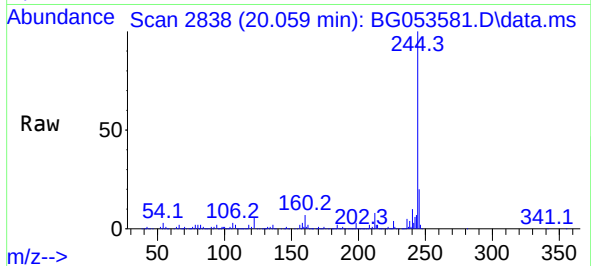
PB144822BS

Tgt Ion:244 Resp: 879240
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.4 5.0 7.4

Manual Integrations

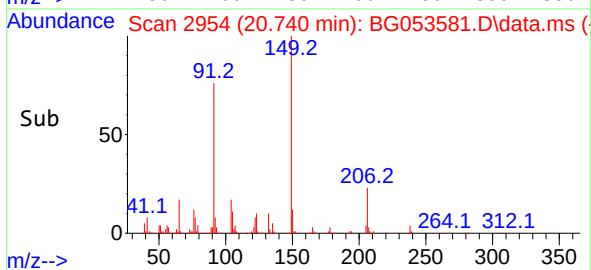
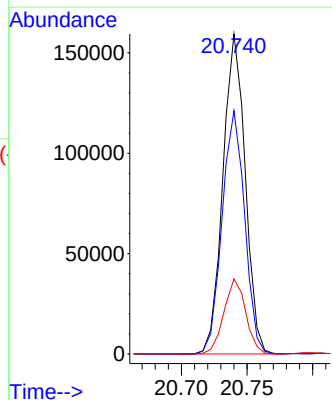
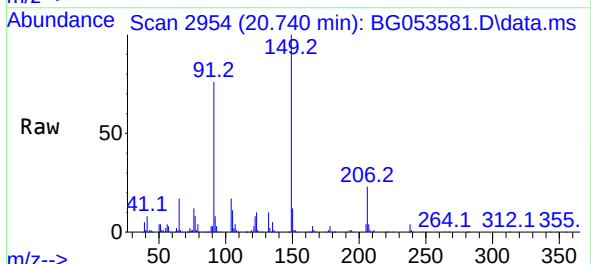
APPROVED

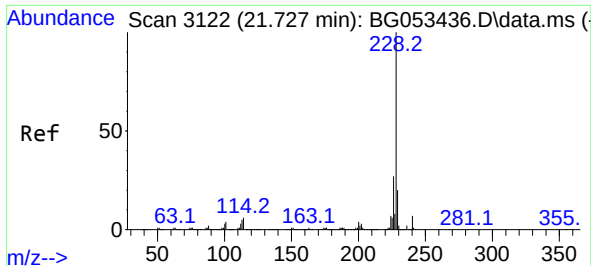
Reviewed By :Christian Giraldo 05/18/2022
 Supervised By :Jagrut Upadhyay 05/18/2022



#80
 Butylbenzylphthalate
 Concen: 42.215 ng
 RT: 20.740 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: BG053581.D
 Acq: 17 May 2022 13:03

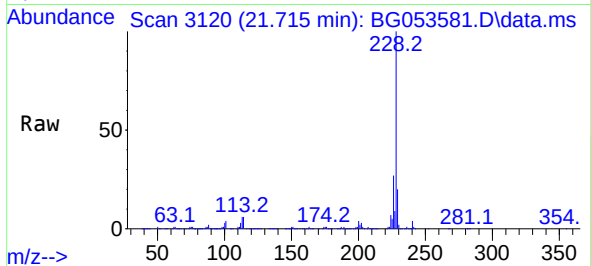
Tgt Ion:149 Resp: 188155
 Ion Ratio Lower Upper
 149 100
 91 76.0 59.6 89.4
 206 23.5 18.6 28.0





#81
Benzo(a)anthracene
Concen: 41.893 ng
RT: 21.715 min Scan# 3120
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

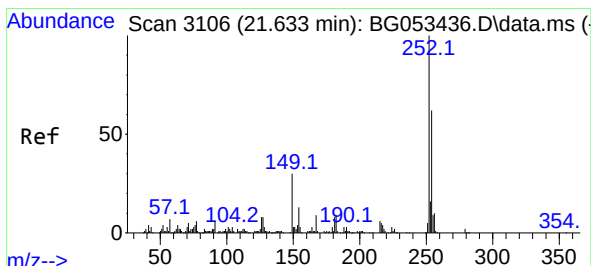
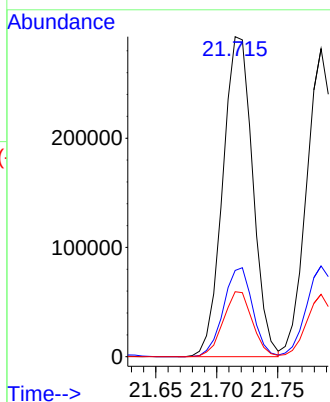
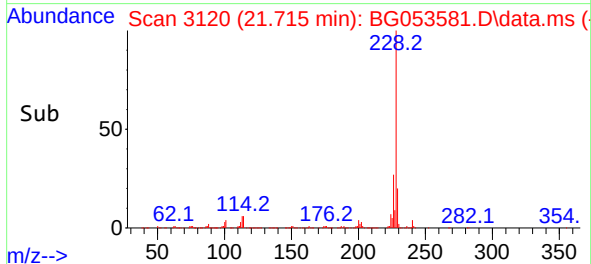
Instrument :
BNA_G
ClientSampleId :
PB144822BS



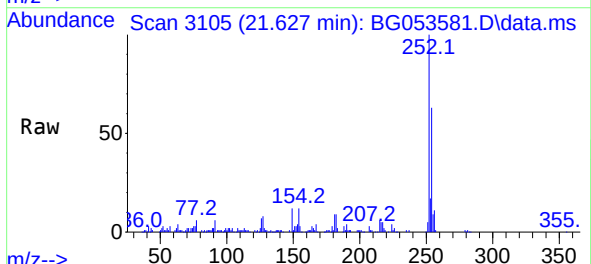
Tgt Ion:228 Resp: 501692
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.3 16.2 24.2

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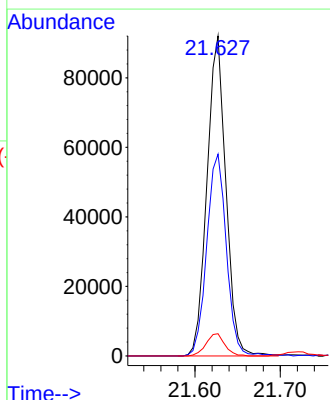
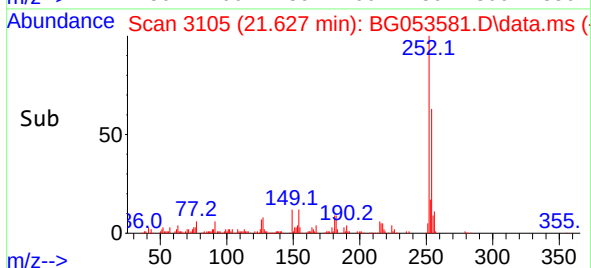
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

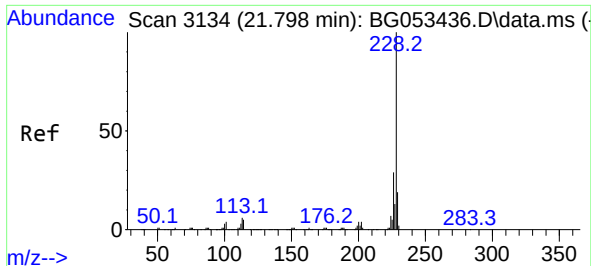


#82
3,3'-Dichlorobenzidine
Concen: 46.739 ng
RT: 21.627 min Scan# 3105
Delta R.T. 0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



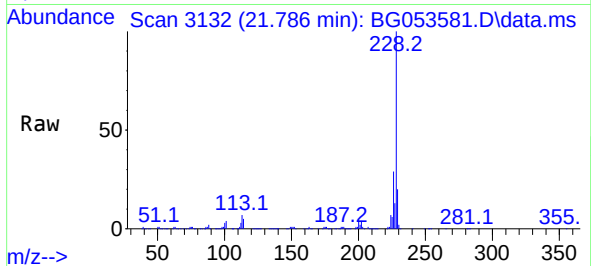
Tgt Ion:252 Resp: 141941
Ion Ratio Lower Upper
252 100
254 63.0 49.8 74.8
126 7.0 6.0 9.0





#83
Chrysene
Concen: 40.969 ng
RT: 21.786 min Scan# 3101
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

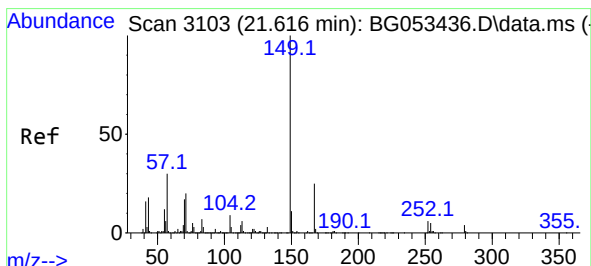
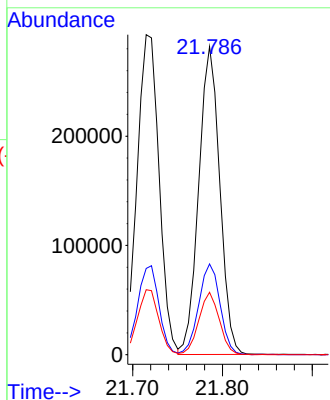
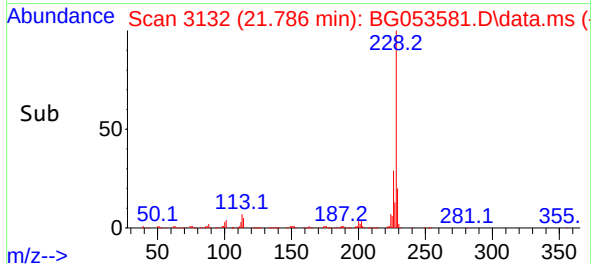
Instrument :
BNA_G
ClientSampleId :
PB144822BS



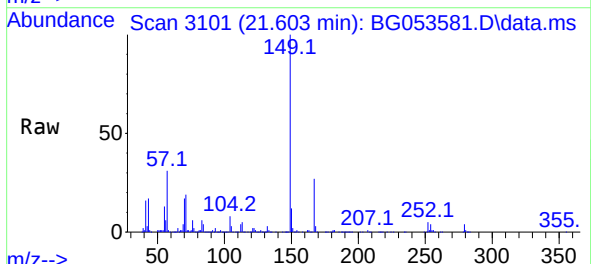
Tgt Ion:228 Resp: 45823
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.2
229 20.2 15.5 23.3

Manual Integrations
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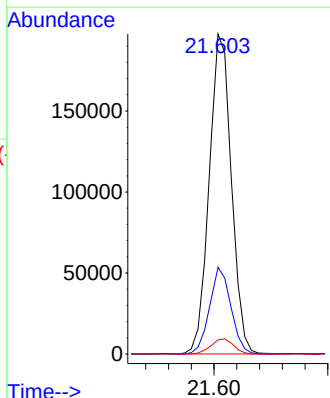
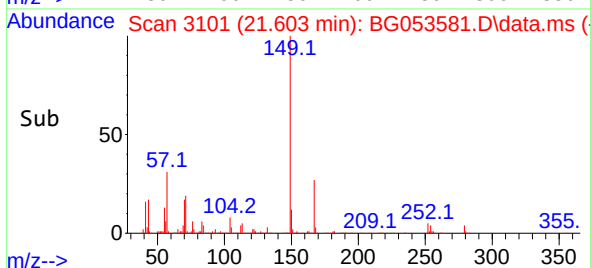
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

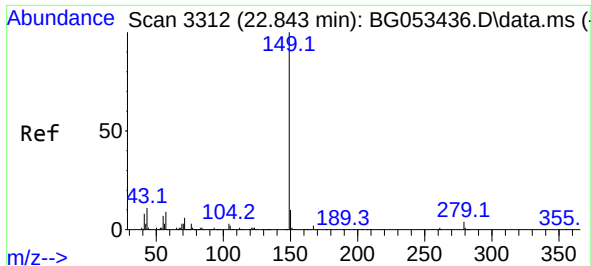


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.449 ng
RT: 21.603 min Scan# 3101
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



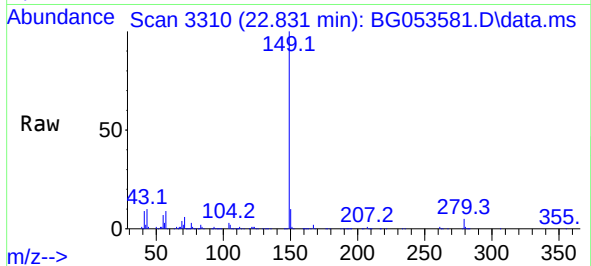
Tgt Ion:149 Resp: 267289
Ion Ratio Lower Upper
149 100
167 27.0 20.2 30.4
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.443 ng
RT: 22.831 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

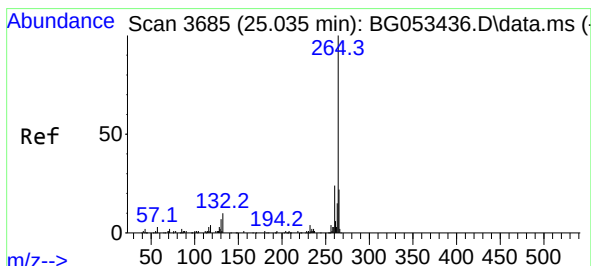
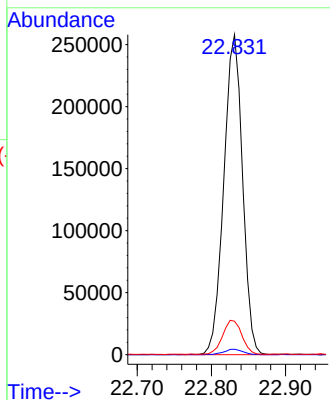
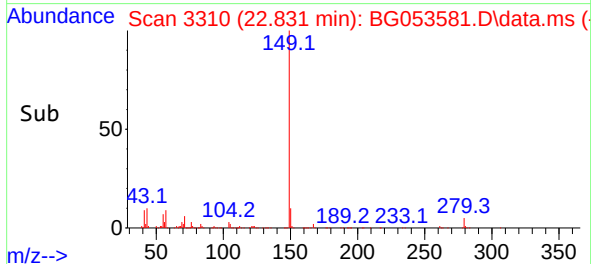
Instrument :
BNA_G
ClientSampleId :
PB144822BS



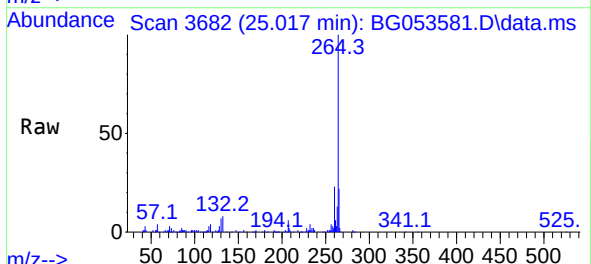
Tgt Ion:149 Resp: 451912
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 9.0 13.4

Manual Integrations
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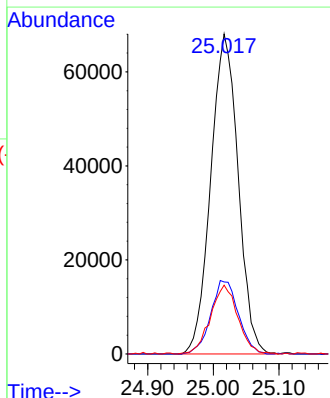
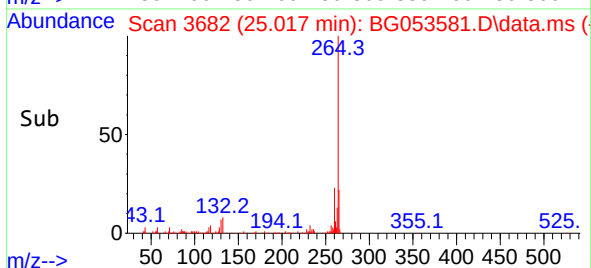
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

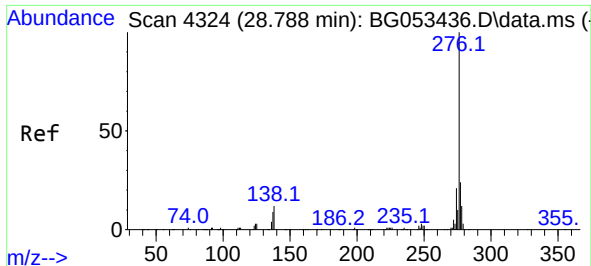


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 3682
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



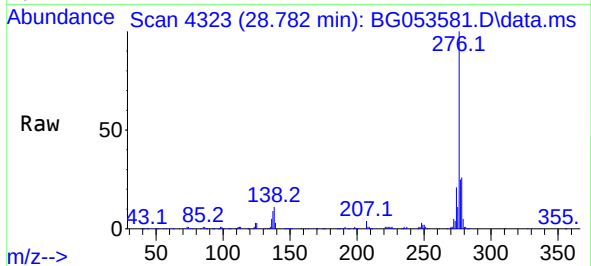
Tgt Ion:264 Resp: 196776
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.6
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.017 ng
RT: 28.782 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

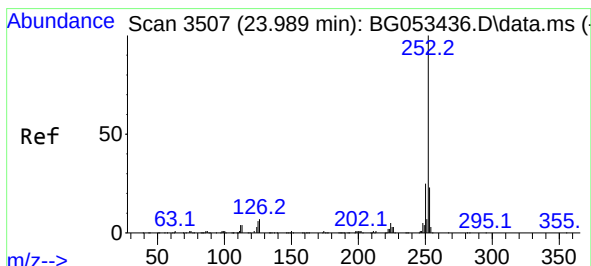
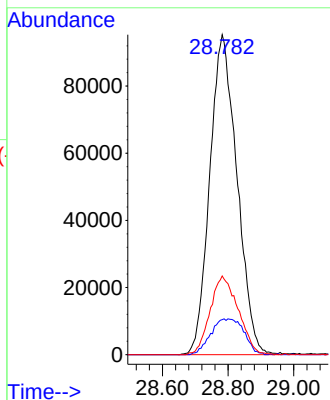
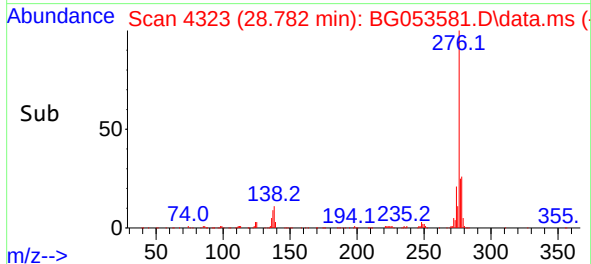
Instrument :
BNA_G
ClientSampleId :
PB144822BS



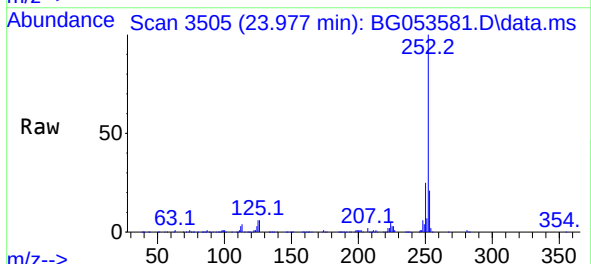
Tgt Ion:276 Resp: 54843
Ion Ratio Lower Upper
276 100
138 6.6 5.0 7.4
277 25.5 20.3 30.5

Manual Integrations
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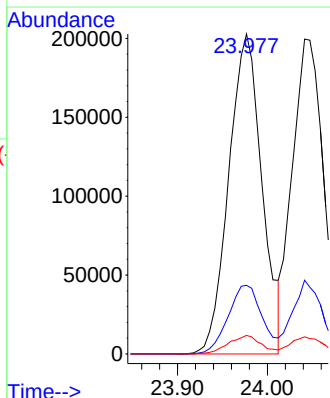
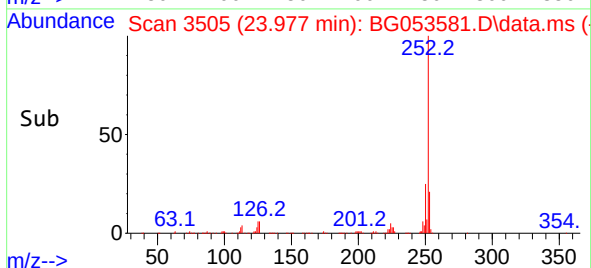
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

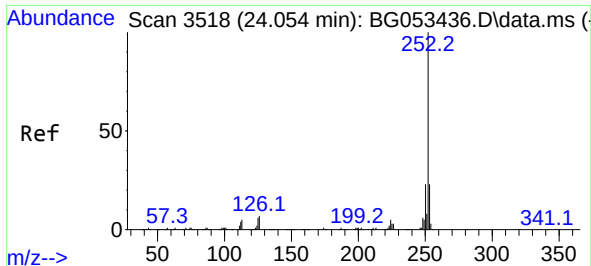


#88
Benzo(b)fluoranthene
Concen: 44.671 ng
RT: 23.977 min Scan# 3505
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:252 Resp: 520302
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 5.8 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 41.763 ng

RT: 24.041 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

Instrument :

BNA_G

ClientSampleId :

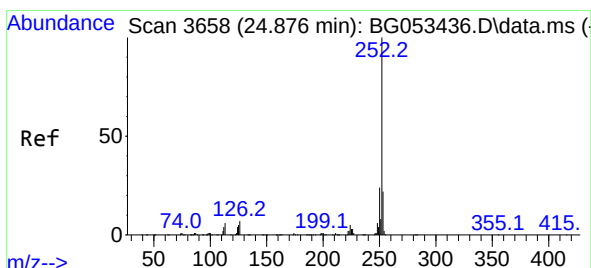
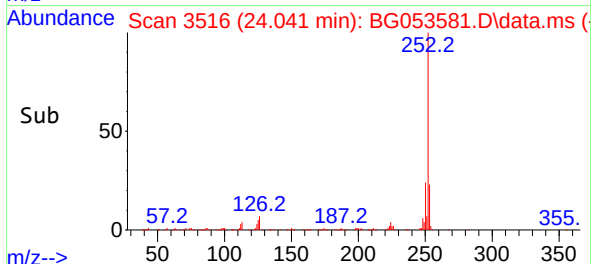
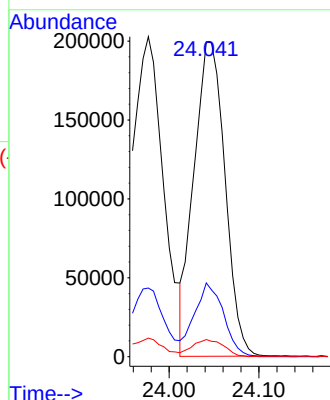
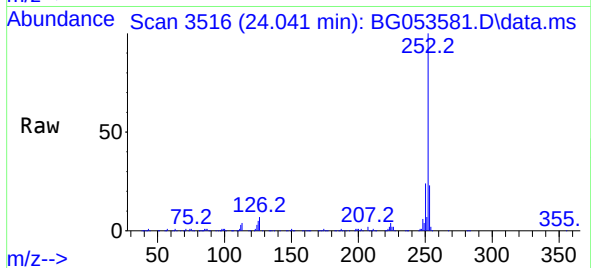
PB144822BS

Tgt Ion:252 Resp: 478004
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.4 27.6
 125 5.4 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2022
 Supervised By :Jagrut Upadhyay 05/18/2022



#90

Benzo(a)pyrene

Concen: 50.250 ng

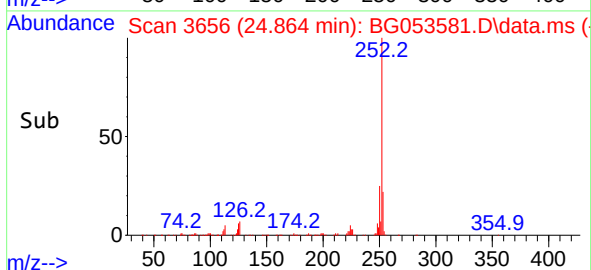
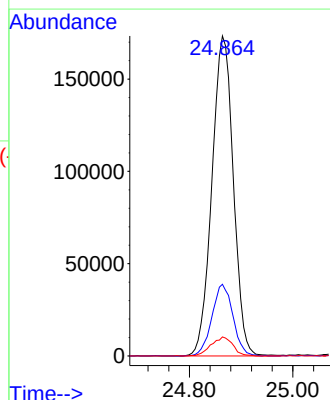
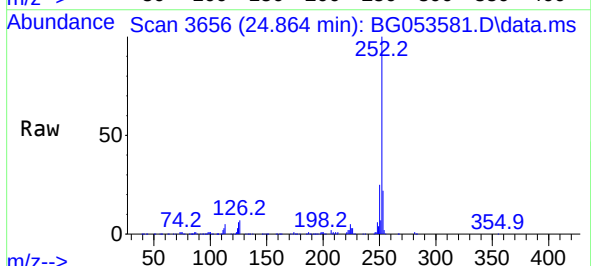
RT: 24.864 min Scan# 3656

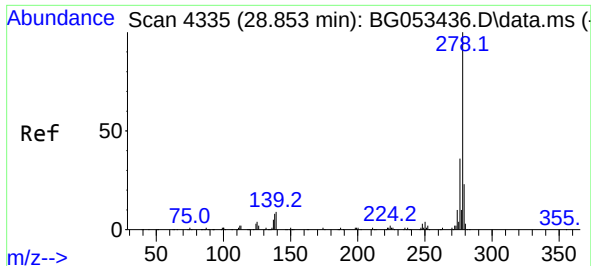
Delta R.T. -0.003 min

Lab File: BG053581.D

Acq: 17 May 2022 13:03

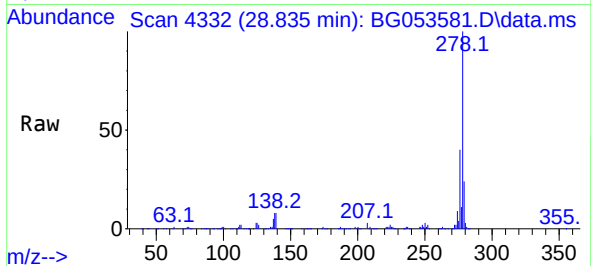
Tgt Ion:252 Resp: 498169
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 6.0 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 42.768 ng
RT: 28.835 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03

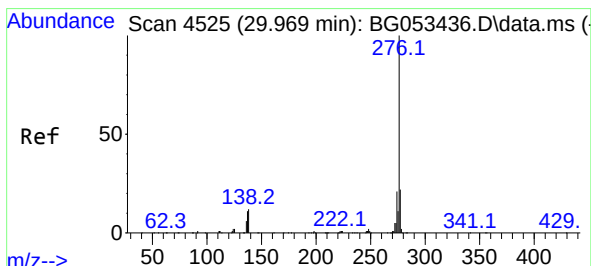
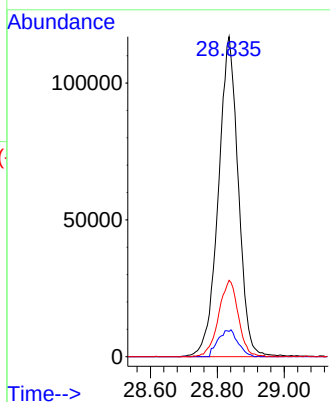
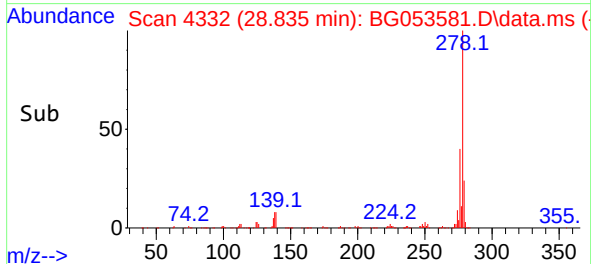
Instrument :
BNA_G
ClientSampleId :
PB144822BS



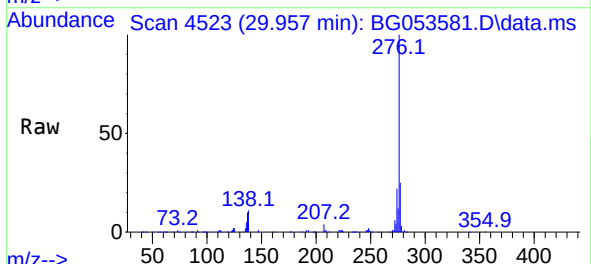
Tgt Ion:278 Resp: 482970
Ion Ratio Lower Upper
278 100
139 7.9 7.2 10.8
279 23.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#92
Benzo(g,h,i)perylene
Concen: 42.488 ng
RT: 29.957 min Scan# 4523
Delta R.T. 0.003 min
Lab File: BG053581.D
Acq: 17 May 2022 13:03



Tgt Ion:276 Resp: 475607
Ion Ratio Lower Upper
276 100
277 24.7 17.3 25.9
138 11.3 9.6 14.4

