

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053562.D
 Acq On : 16 May 2022 11:33
 Operator : CG/JU
 Sample : PB144792BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144792BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 05:19:37 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	8.087	152	24840	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	111995	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	91248	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	226001	20.000	ng	0.00
76) Chrysene-d12	21.745	240	206784	20.000	ng	0.00
86) Perylene-d12	25.029	264	200244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	199610	136.379	ng	0.00
7) Phenol-d6	7.253	99	293690	132.215	ng	0.00
23) Nitrobenzene-d5	9.251	82	210488	80.005	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	166045	123.380	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	489560	78.400	ng	0.00
79) Terphenyl-d14	20.065	244	974312	87.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	25211	32.829	ng	94
3) Pyridine	3.934	79	50251m	26.794	ng	
4) n-Nitrosodimethylamine	3.840	42	36238	39.665	ng	99
6) Aniline	7.406	93	109271	44.414	ng	100
8) 2-Chlorophenol	7.659	128	74577	48.740	ng	95
9) Benzaldehyde	7.224	77	53053m	37.595	ng	
10) Phenol	7.283	94	104909	48.289	ng	96
11) bis(2-Chloroethyl)ether	7.500	93	71070	43.863	ng	98
12) 1,3-Dichlorobenzene	7.982	146	73977	40.983	ng	90
13) 1,4-Dichlorobenzene	8.123	146	74884	41.111	ng	98
14) 1,2-Dichlorobenzene	8.446	146	74555	43.587	ng	97
15) Benzyl Alcohol	8.328	79	86891	46.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.610	45	115245	43.702	ng	97
17) 2-Methylphenol	8.534	107	71241	48.517	ng	99
18) Hexachloroethane	9.174	117	28518	41.228	ng	96
19) n-Nitroso-di-n-propyla...	8.892	70	70561	44.273	ng	98
20) 3+4-Methylphenols	8.863	107	96290	46.431	ng	94
22) Acetophenone	8.910	105	118993	38.821	ng	# 98
24) Nitrobenzene	9.292	77	105950	41.607	ng	100
25) Isophorone	9.815	82	198555	44.843	ng	98
26) 2-Nitrophenol	10.008	139	43880	42.546	ng	97
27) 2,4-Dimethylphenol	10.067	122	74086	47.732	ng	95
28) bis(2-Chloroethoxy)met...	10.296	93	105648	41.487	ng	98
29) 2,4-Dichlorophenol	10.555	162	88157	47.061	ng	90
30) 1,2,4-Trichlorobenzene	10.766	180	86612	40.694	ng	93
31) Naphthalene	10.954	128	231491	40.635	ng	97
32) Benzoic acid	10.237	122	37133	39.993	ng	# 85
33) 4-Chloroaniline	11.054	127	82000	34.370	ng	99
34) Hexachlorobutadiene	11.236	225	65030	41.205	ng	94
35) Caprolactam	11.829	113	30199m	44.362	ng	
36) 4-Chloro-3-methylphenol	12.182	107	102487	45.738	ng	100
37) 2-Methylnaphthalene	12.552	142	177036	41.641	ng	96
38) 1-Methylnaphthalene	12.769	142	169769	40.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.922	216	114253	39.723	ng	98
41) Hexachlorocyclopentadiene	12.899	237	100146	84.875	ng	97
43) 2,4,6-Trichlorophenol	13.157	196	77852	41.466	ng	97

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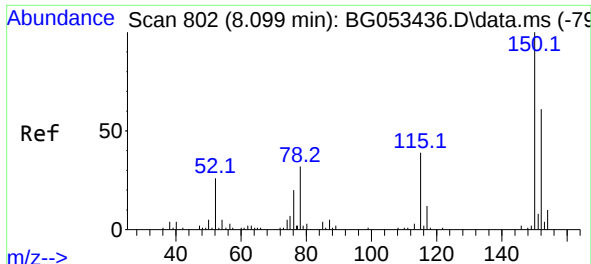
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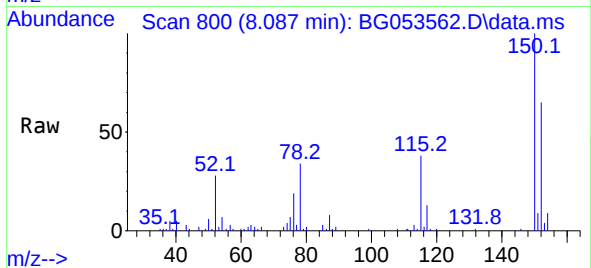
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	84443	42.260	ng	96
46) 1,1'-Biphenyl	13.551	154	245447	39.462	ng	98
47) 2-Chloronaphthalene	13.598	162	191661	39.331	ng	99
48) 2-Nitroaniline	13.797	65	79803	43.949	ng	97
49) Acenaphthylene	14.438	152	329692	42.398	ng	99
50) Dimethylphthalate	14.167	163	279541	40.315	ng	99
51) 2,6-Dinitrotoluene	14.285	165	60287	42.676	ng	94
52) Acenaphthene	14.778	154	188090	40.588	ng	98
53) 3-Nitroaniline	14.620	138	53921	35.326	ng	90
54) 2,4-Dinitrophenol	14.837	184	71306	79.556	ng	94
55) Dibenzofuran	15.113	168	326469	39.221	ng	99
56) 4-Nitrophenol	14.943	139	91475	83.905	ng	95
57) 2,4-Dinitrotoluene	15.078	165	88792	43.362	ng	87
58) Fluorene	15.765	166	271788	40.688	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	85219	42.034	ng	100
60) Diethylphthalate	15.524	149	293851	41.026	ng	97
61) 4-Chlorophenyl-phenyle...	15.748	204	154375	41.416	ng	98
62) 4-Nitroaniline	15.783	138	63828	40.317	ng	97
63) Azobenzene	16.041	77	294583	40.164	ng	99
65) 4,6-Dinitro-2-methylph...	15.848	198	52480	38.970	ng	99
66) n-Nitrosodiphenylamine	15.965	169	248242	41.836	ng	96
67) 4-Bromophenyl-phenylether	16.641	248	108412	41.074	ng	94
68) Hexachlorobenzene	16.776	284	119720	41.416	ng	97
69) Atrazine	16.911	200	109284	43.749	ng	97
70) Pentachlorophenol	17.122	266	118594	76.404	ng	94
71) Phenanthrene	17.504	178	472457	41.113	ng	98
72) Anthracene	17.598	178	472194	41.804	ng	98
73) Carbazole	17.862	167	434881	39.284	ng	100
74) Di-n-butylphthalate	18.409	149	510623	41.013	ng	100
75) Fluoranthene	19.513	202	590048	39.655	ng	98
77) Benzidine	19.684	184	260673	58.487	ng	99
78) Pyrene	19.877	202	586961	43.848	ng	100
80) Butylbenzylphthalate	20.747	149	208834	42.544	ng	98
81) Benzo(a)anthracene	21.728	228	548650	41.599	ng	99
82) 3,3'-Dichlorobenzidine	21.634	252	165373	49.445	ng	96
83) Chrysene	21.792	228	502039	40.756	ng	99
84) Bis(2-ethylhexyl)phtha...	21.610	149	290897	42.936	ng	97
85) Di-n-octyl phthalate	22.838	149	492492	42.988	ng	99
87) Indeno(1,2,3-cd)pyrene	28.801	276	594823	42.650	ng	# 99
88) Benzo(b)fluoranthene	23.984	252	546673	46.122	ng	99
89) Benzo(k)fluoranthene	24.054	252	525700	45.135	ng	99
90) Benzo(a)pyrene	24.876	252	531040	52.638	ng	99
91) Dibenzo(a,h)anthracene	28.853	278	518352	45.106	ng	98
92) Benzo(g,h,i)perylene	29.987	276	515735	45.275	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

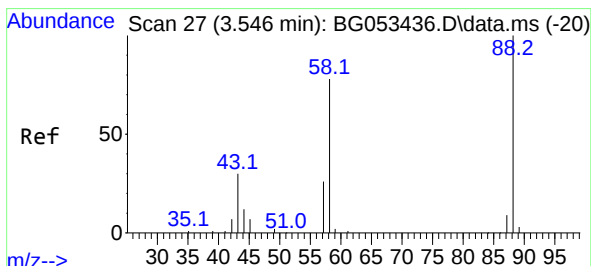
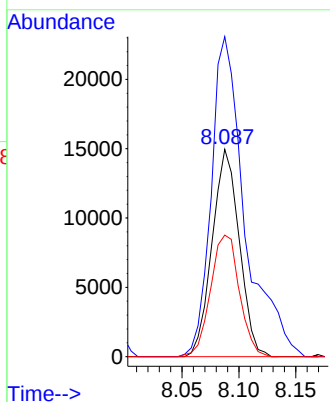
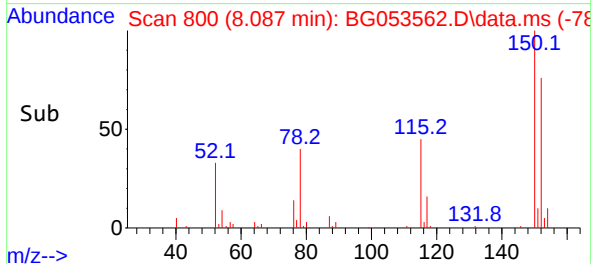
Instrument :
BNA_G
ClientSampleId :
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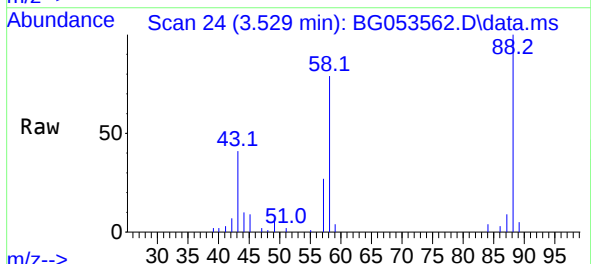
Tgt Ion:152 Resp: 24840
Ion Ratio Lower Upper
152 100
150 154.3 131.6 197.4
115 58.7 50.9 76.3

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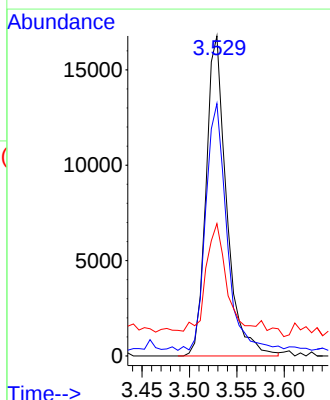
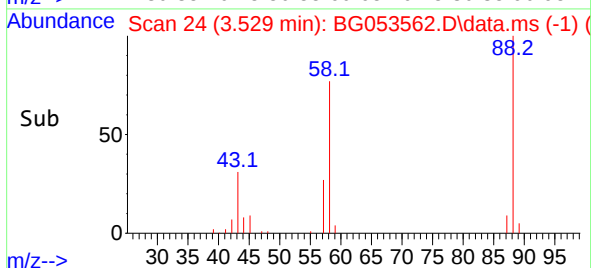
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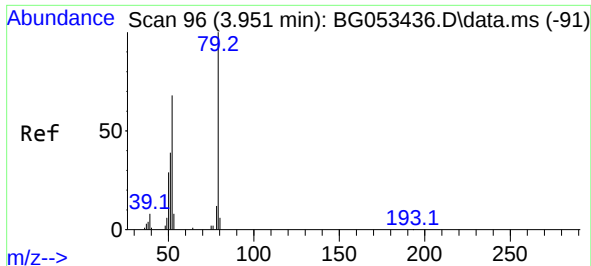


#2
1,4-Dioxane
Concen: 32.829 ng
RT: 3.529 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



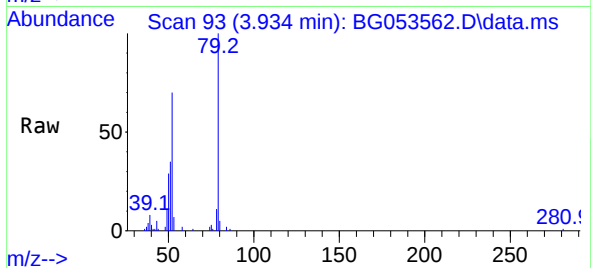
Tgt Ion: 88 Resp: 25211
Ion Ratio Lower Upper
88 100
58 79.2 59.2 88.8
43 32.7 24.3 36.5





#3
Pyridine
Concen: 26.794 ng m
RT: 3.934 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

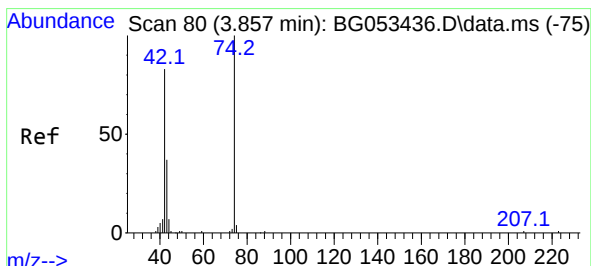
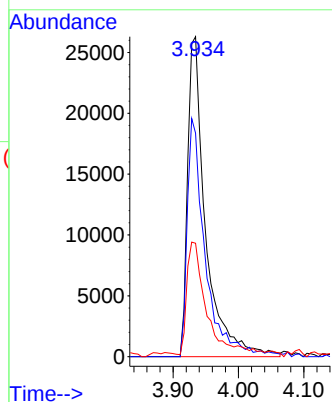
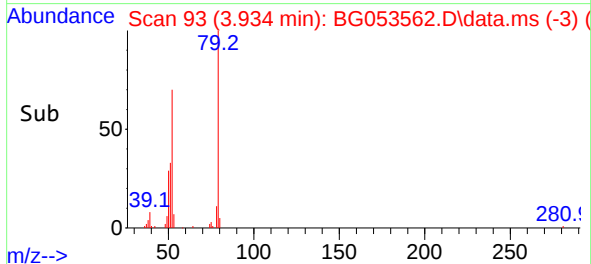
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PB144792BS



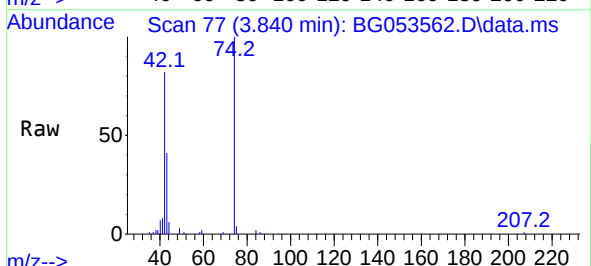
Tgt Ion: 79 Resp: 5025
Ion Ratio Lower Upper
79 100
52 69.9 54.6 81.8
51 35.5 32.5 48.7

Manual Integrations
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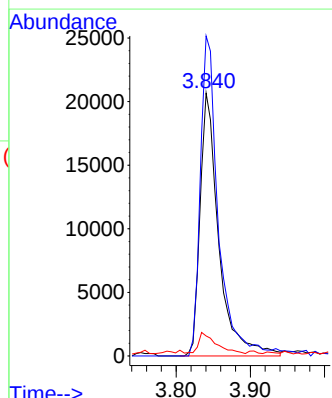
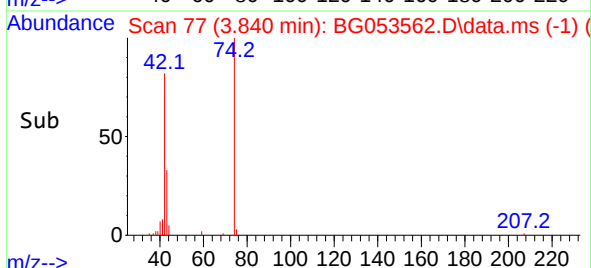
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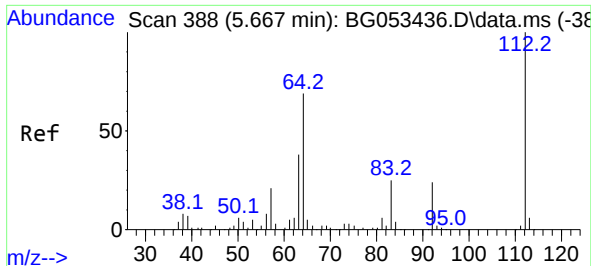


#4
n-Nitrosodimethylamine
Concen: 39.665 ng
RT: 3.840 min Scan# 77
Delta R.T. -0.008 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion: 42 Resp: 36238
Ion Ratio Lower Upper
42 100
74 121.7 97.0 145.4
44 7.6 7.0 10.4





#5
2-Fluorophenol
Concen: 136.379 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

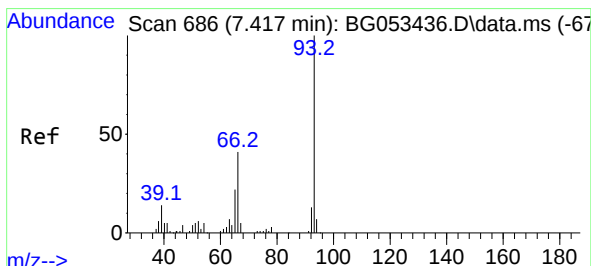
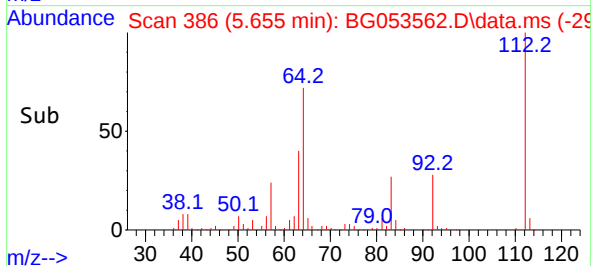
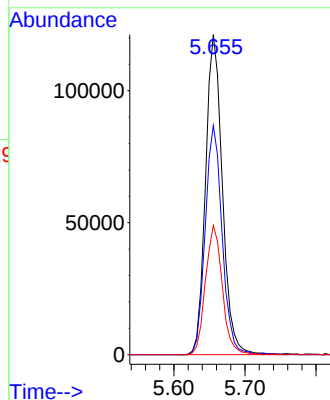
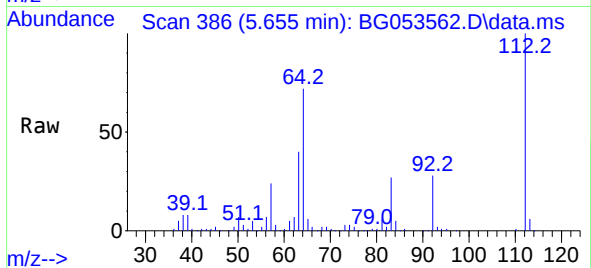
PB144792BS

Tgt Ion:112 Resp: 199610
Ion Ratio Lower Upper
112 100
64 71.6 55.1 82.7
63 40.4 30.4 45.6

Manual Integrations

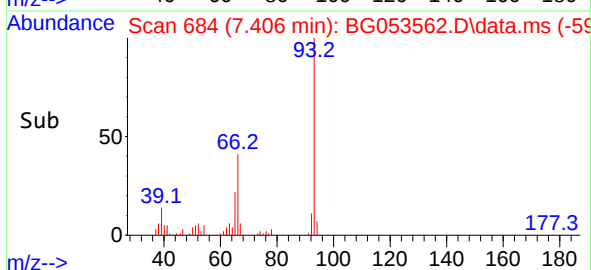
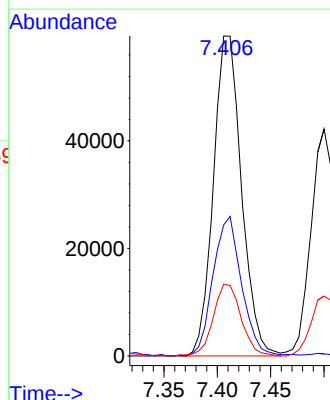
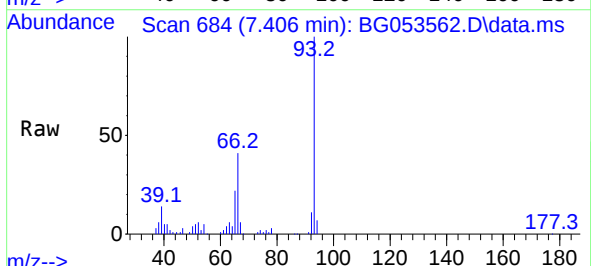
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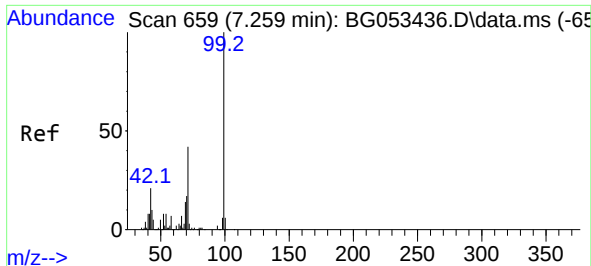
Reviewed By :Christian Giraldo 05/17/2022
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#6
Aniline
Concen: 44.414 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

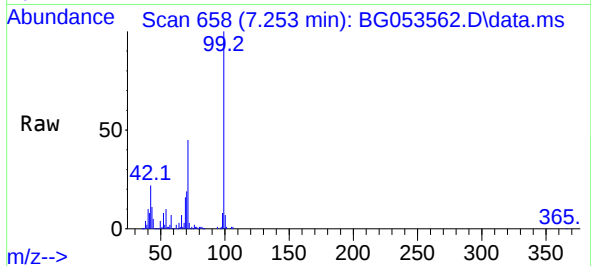
Tgt Ion: 93 Resp: 109271
Ion Ratio Lower Upper
93 100
66 40.9 32.9 49.3
65 22.4 17.8 26.8





#7
Phenol-d6
Concen: 132.215 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

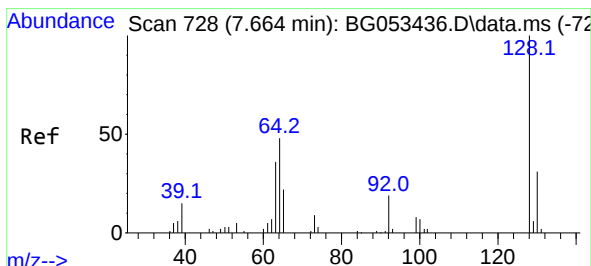
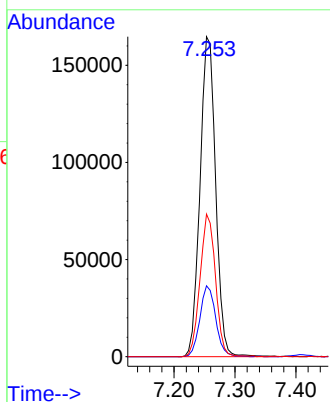
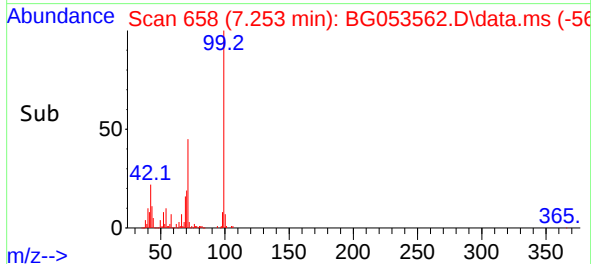
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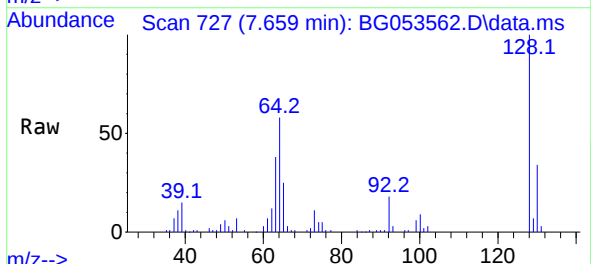
Tgt Ion: 99 Resp: 293690
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 44.6 33.8 50.8

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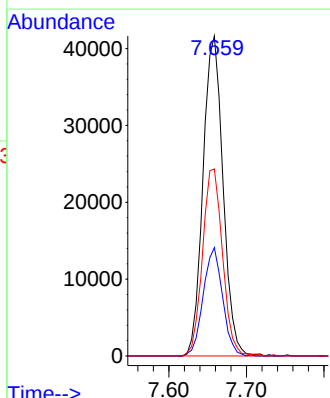
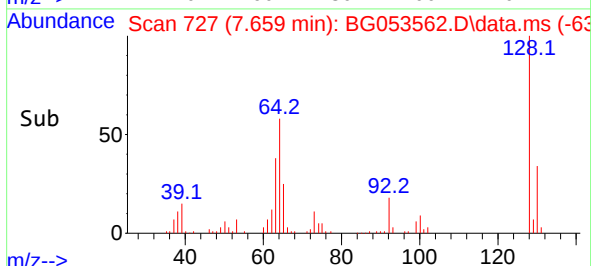
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#8
2-Chlorophenol
Concen: 48.740 ng
RT: 7.659 min Scan# 727
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:128 Resp: 74577
Ion Ratio Lower Upper
128 100
130 33.9 10.5 50.5
64 58.5 35.1 75.1





#9
Benzaldehyde
Concen: 37.595 ng m
RT: 7.224 min Scan# 611
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

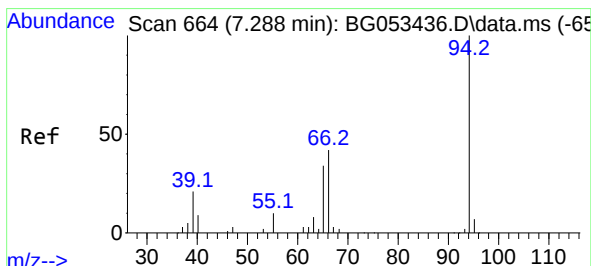
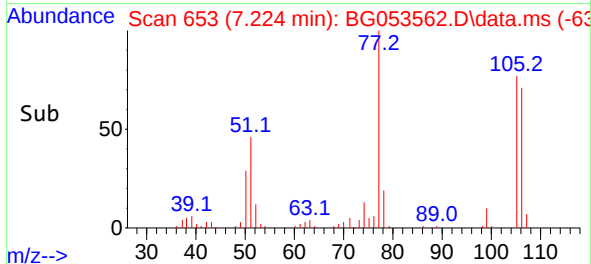
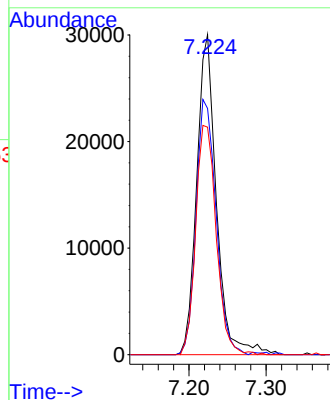
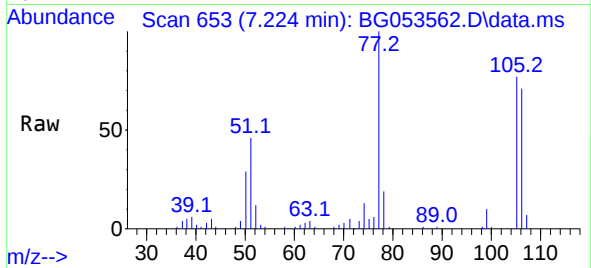
PB144792BS

Tgt Ion: 77 Resp: 5305
Ion Ratio Lower Upper
77 100
105 76.9 59.6 99.6
106 71.1 56.8 96.8

Manual Integrations

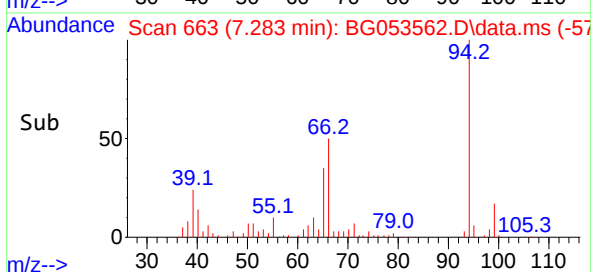
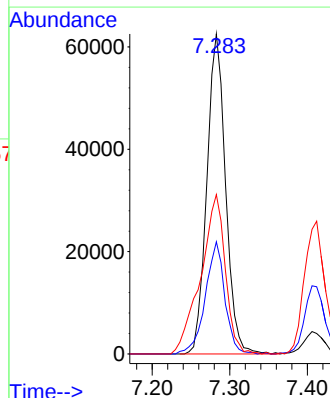
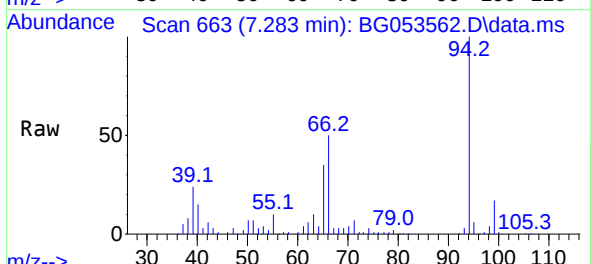
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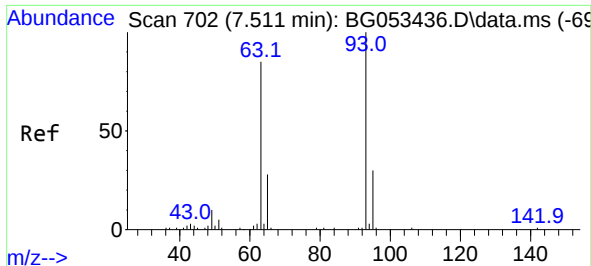
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#10
Phenol
Concen: 48.289 ng
RT: 7.283 min Scan# 663
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion: 94 Resp: 104909
Ion Ratio Lower Upper
94 100
65 35.1 14.8 54.8
66 49.8 25.2 65.2





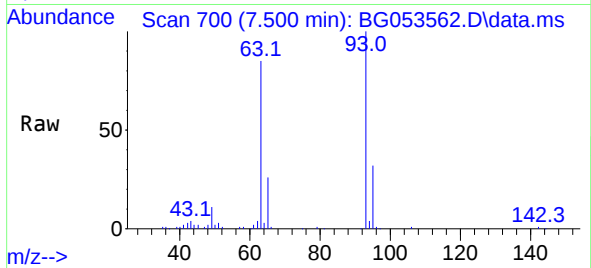
#11
bis(2-Chloroethyl)ether
Concen: 43.863 ng
RT: 7.500 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB144792BS

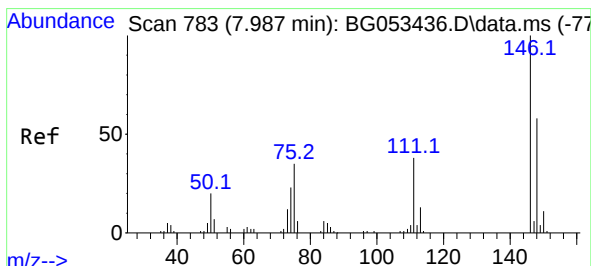
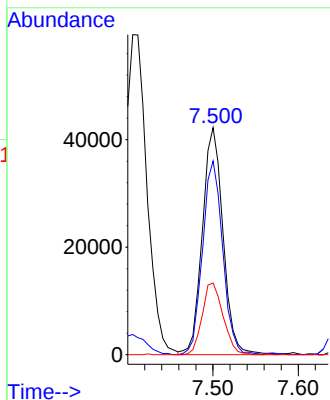
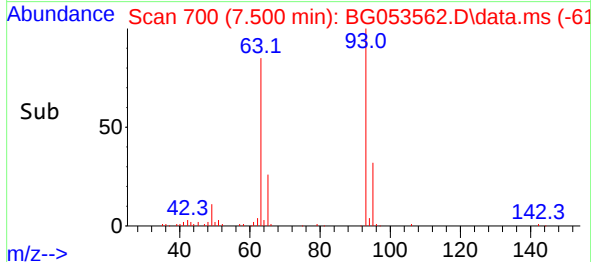


Tgt Ion: 93 Resp: 71070
Ion Ratio Lower Upper
93 100
63 85.4 63.6 103.6
95 31.6 10.1 50.1

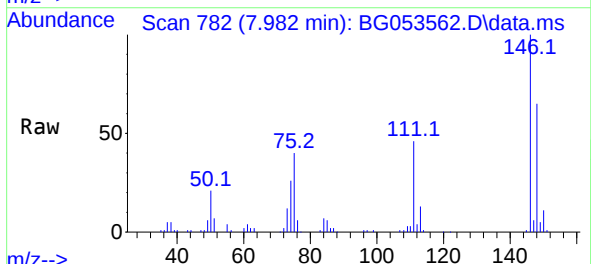
Manual Integrations

APPROVED

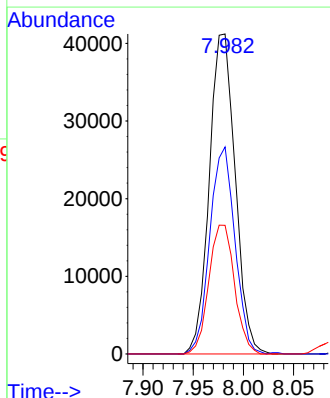
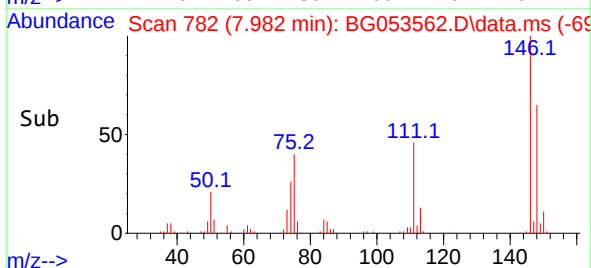
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

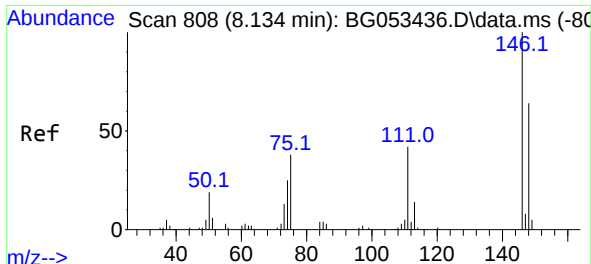


#12
1,3-Dichlorobenzene
Concen: 40.983 ng
RT: 7.982 min Scan# 782
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:146 Resp: 73977
Ion Ratio Lower Upper
146 100
148 64.7 46.1 69.1
75 40.2 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 41.111 ng
RT: 8.123 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

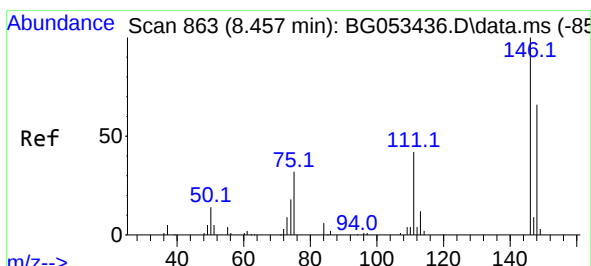
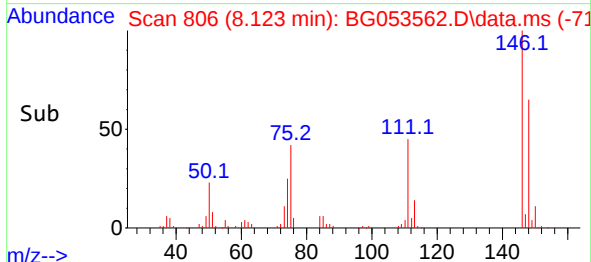
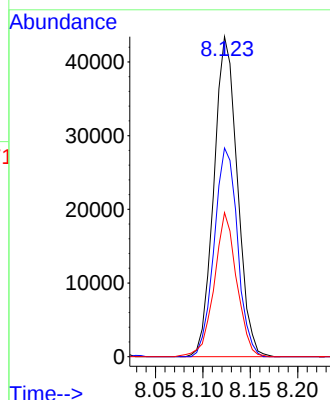
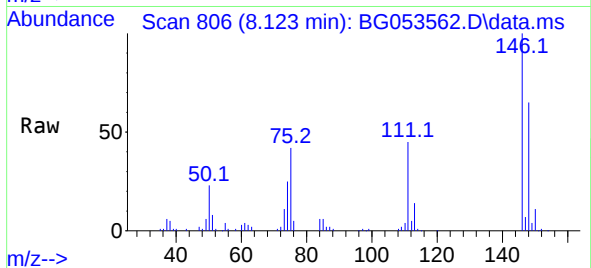
PB144792BS

Tgt Ion:146 Resp: 74884
Ion Ratio Lower Upper
146 100
148 65.2 51.5 77.3
111 45.0 33.9 50.9

Manual Integrations

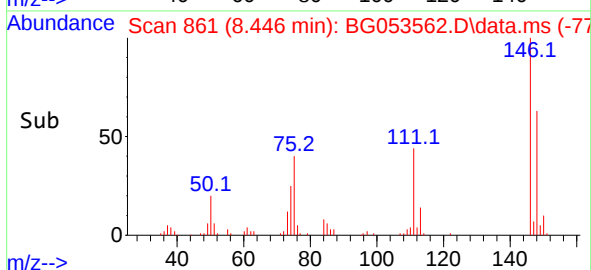
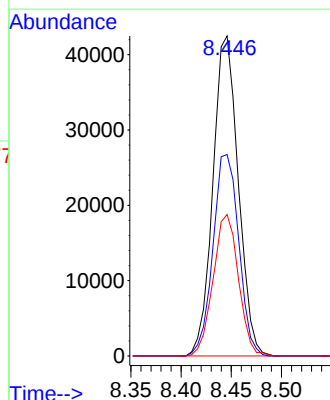
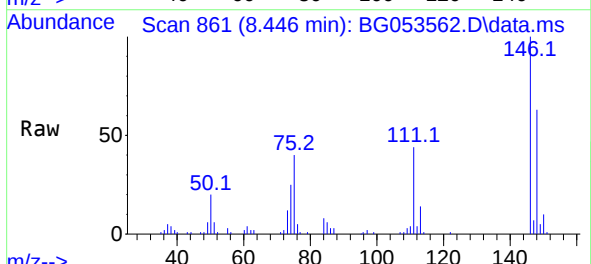
APPROVED

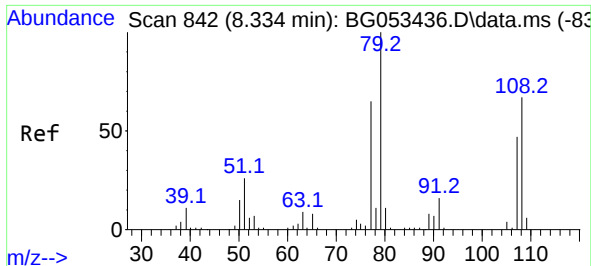
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#14
1,2-Dichlorobenzene
Concen: 43.587 ng
RT: 8.446 min Scan# 861
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:146 Resp: 74555
Ion Ratio Lower Upper
146 100
148 62.9 52.6 78.8
111 44.2 34.5 51.7





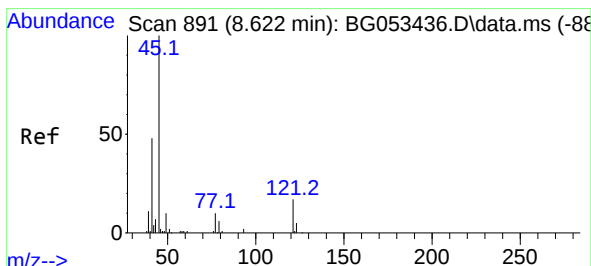
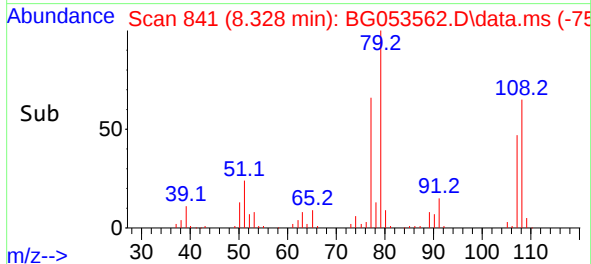
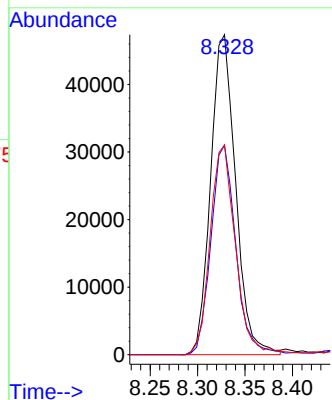
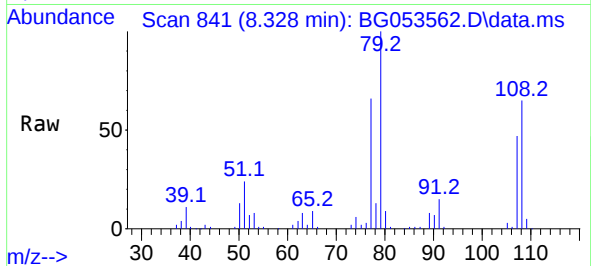
#15
Benzyl Alcohol
Concen: 46.789 ng
RT: 8.328 min Scan# 841
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion: 79 Resp: 8689
Ion Ratio Lower Upper
79 100
108 65.4 53.7 80.5
77 65.5 52.2 78.4

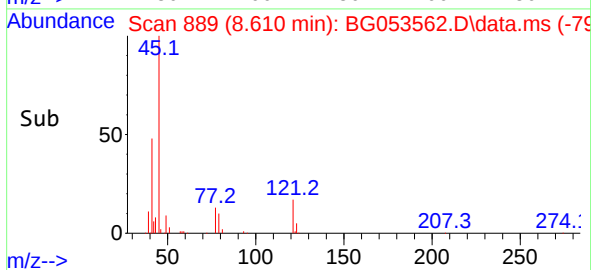
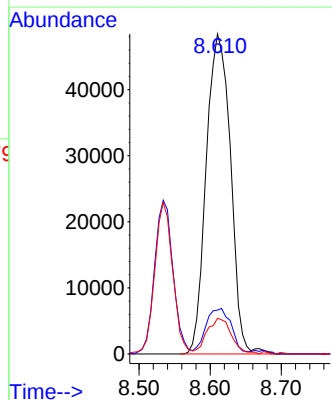
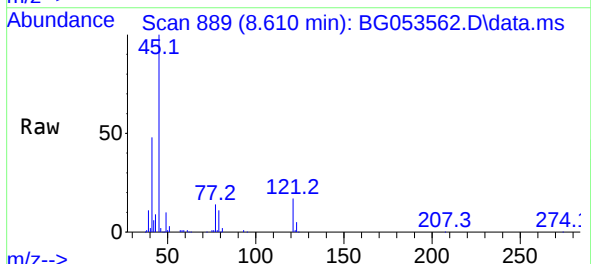
Manual Integrations
APPROVED

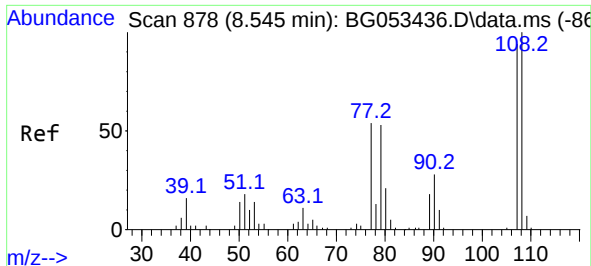
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.702 ng
RT: 8.610 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion: 45 Resp: 115245
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.7
79 11.2 0.0 29.7





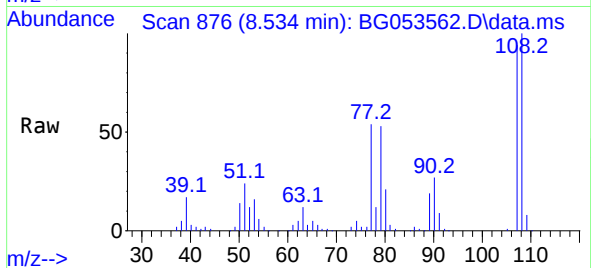
#17
2-Methylphenol
Concen: 48.517 ng
RT: 8.534 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB144792BS

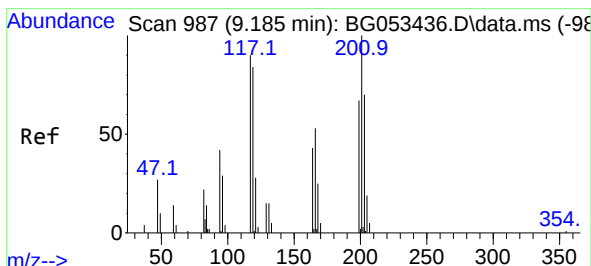
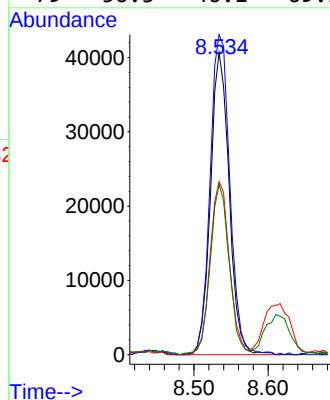


Tgt Ion:107 Resp: 7124
Ion Ratio Lower Upper
107 100
108 105.9 85.4 128.0
77 57.2 46.2 69.2
79 56.3 46.1 69.1

Manual Integrations

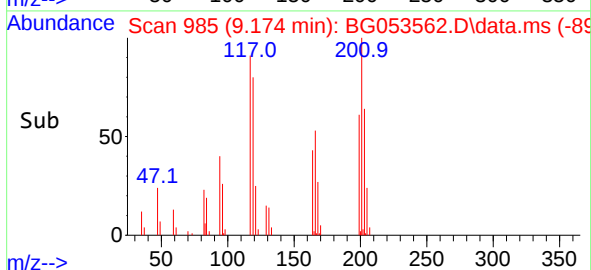
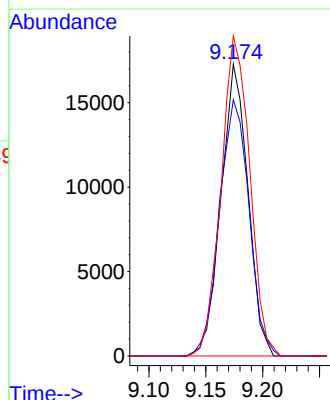
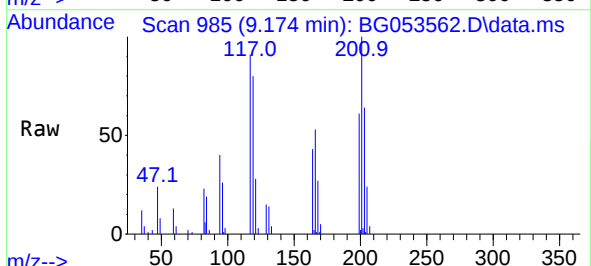
APPROVED

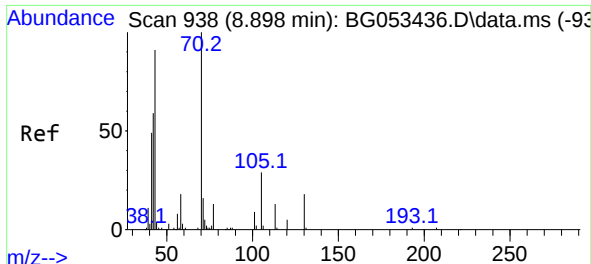
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#18
Hexachloroethane
Concen: 41.228 ng
RT: 9.174 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:117 Resp: 28518
Ion Ratio Lower Upper
117 100
119 87.8 75.0 112.6
201 109.7 89.0 133.6





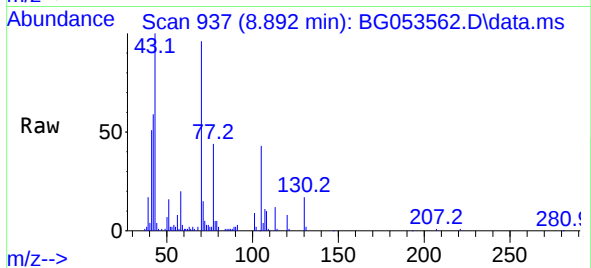
#19
n-Nitroso-di-n-propylamine
Concen: 44.273 ng
RT: 8.892 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB144792BS

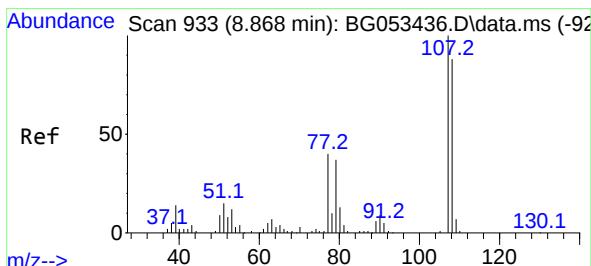
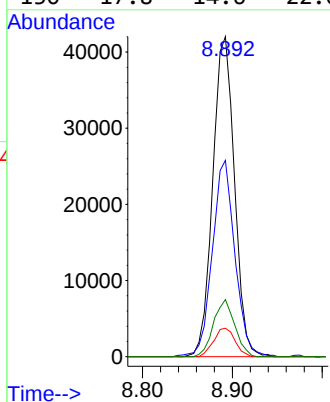
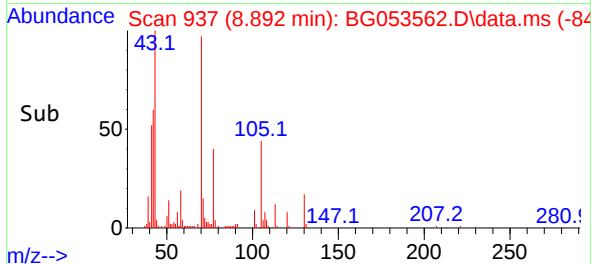


Tgt Ion: 70 Resp: 7056
Ion Ratio Lower Upper
70 100
42 61.4 47.3 70.9
101 8.9 7.0 10.4
130 17.8 14.6 22.0

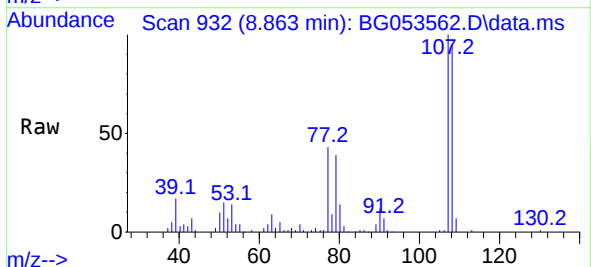
Manual Integrations

APPROVED

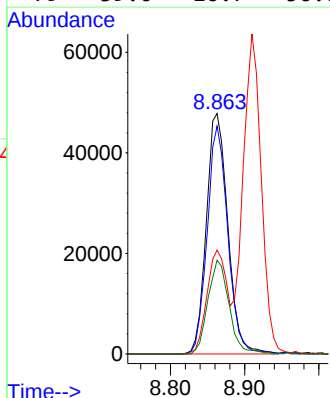
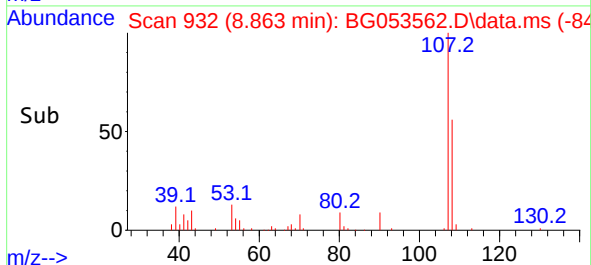
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

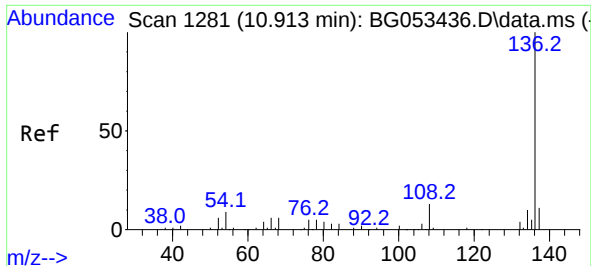


#20
3+4-Methylphenols
Concen: 46.431 ng
RT: 8.863 min Scan# 932
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:107 Resp: 96290
Ion Ratio Lower Upper
107 100
108 94.7 67.5 107.5
77 43.2 20.3 60.3
79 39.0 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 11199
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

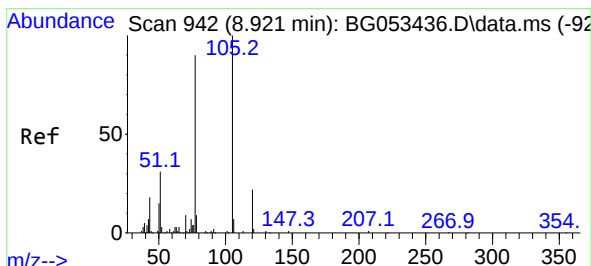
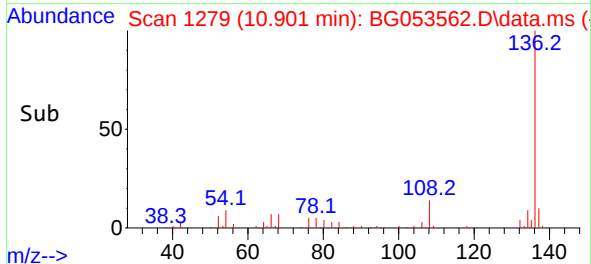
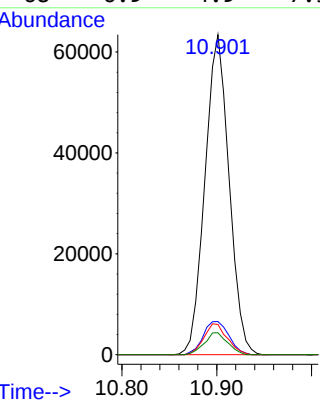
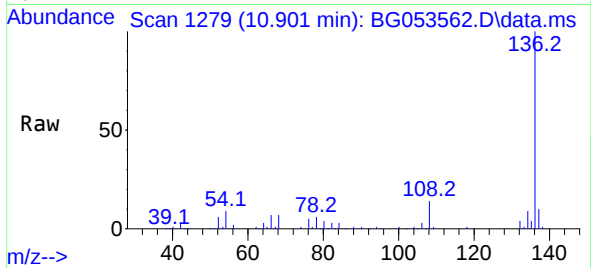
PB144792BS

Tgt Ion:136 Resp: 11199
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 9.5 7.4 11.2
68 6.9 4.9 7.3

Manual Integrations

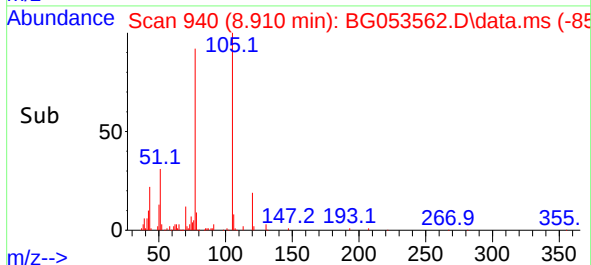
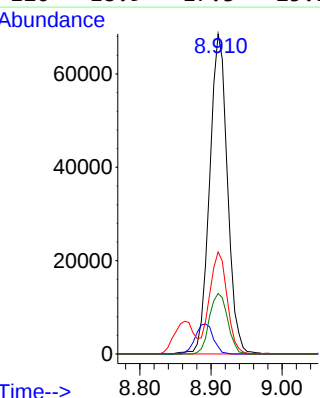
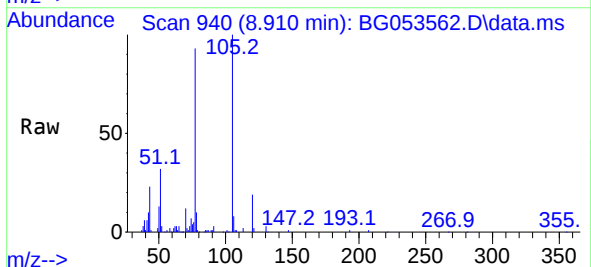
APPROVED

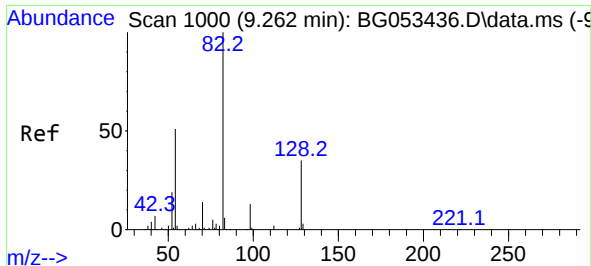
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#22
Acetophenone
Concen: 38.821 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:105 Resp: 118993
Ion Ratio Lower Upper
105 100
71 2.3 1.1 1.7#
51 31.9 25.4 38.0
120 18.9 17.3 25.9





#23
Nitrobenzene-d5
Concen: 80.005 ng
RT: 9.251 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

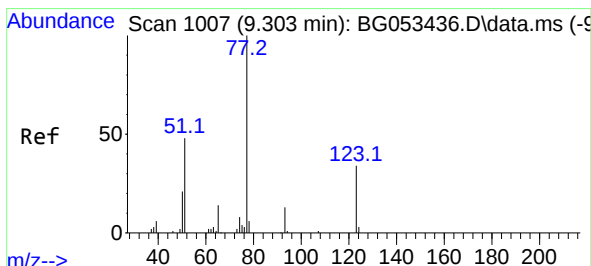
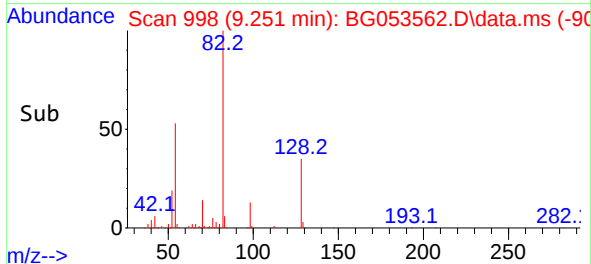
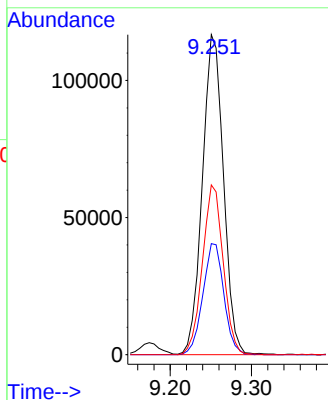
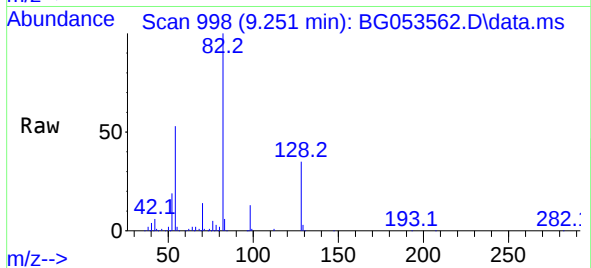
PB144792BS

Tgt Ion: 82 Resp: 210488
Ion Ratio Lower Upper
82 100
128 34.7 27.9 41.9
54 53.0 41.2 61.8

Manual Integrations

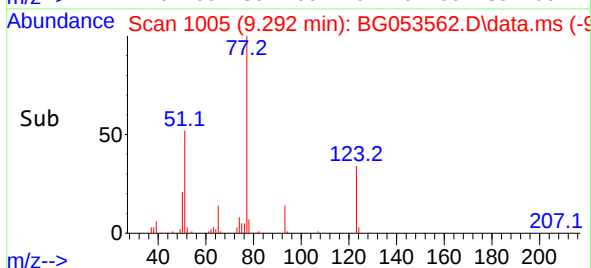
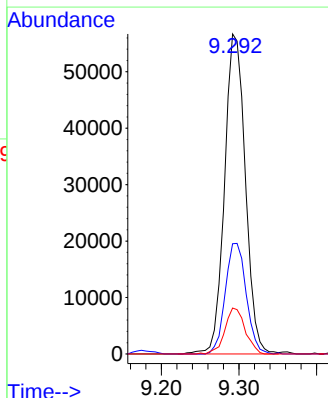
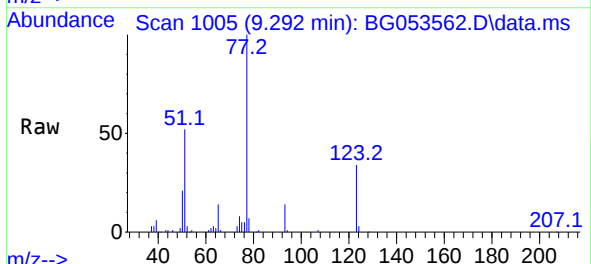
APPROVED

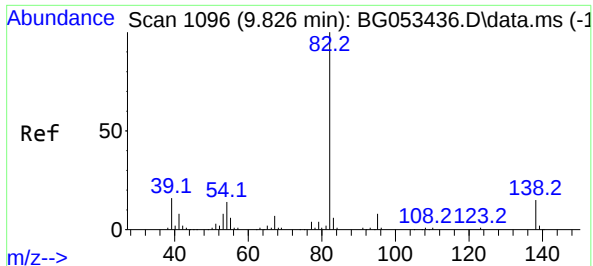
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#24
Nitrobenzene
Concen: 41.607 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion: 77 Resp: 105950
Ion Ratio Lower Upper
77 100
123 34.5 27.4 41.0
65 14.3 11.4 17.0





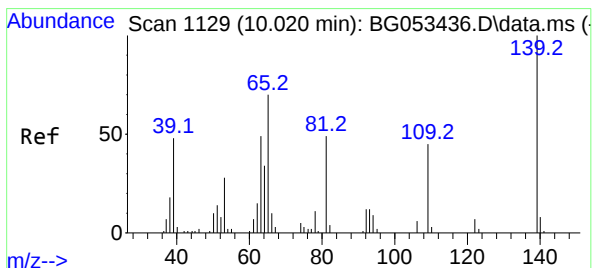
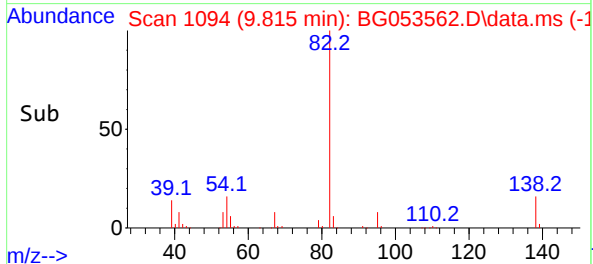
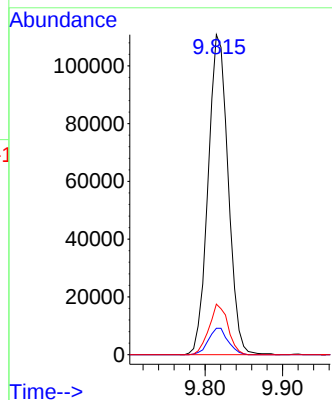
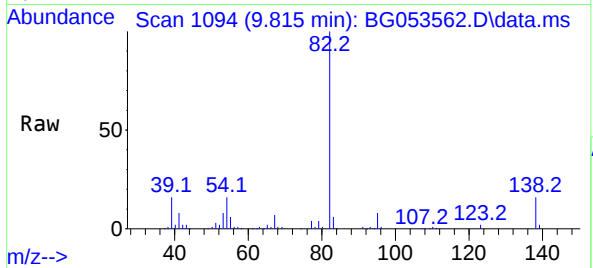
#25
Isophorone
Concen: 44.843 ng
RT: 9.815 min Scan# 1094
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion: 82 Resp: 19855
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 15.8 11.6 17.4

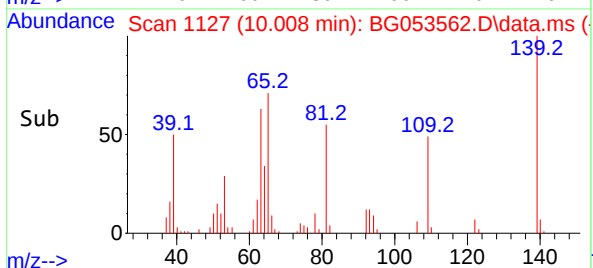
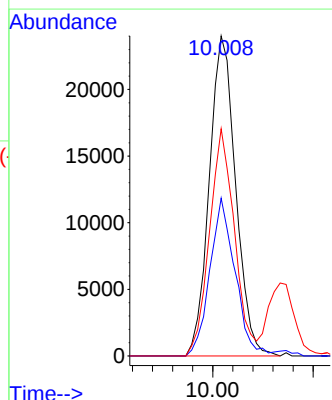
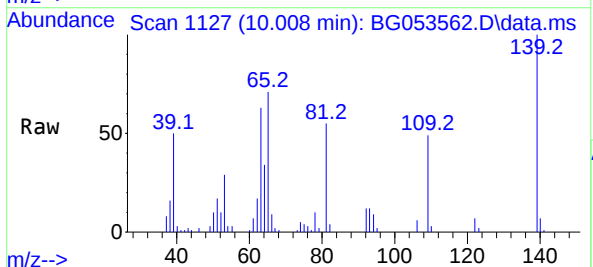
Manual Integrations
APPROVED

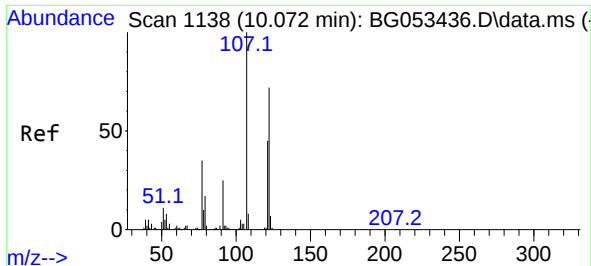
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#26
2-Nitrophenol
Concen: 42.546 ng
RT: 10.008 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:139 Resp: 43880
Ion Ratio Lower Upper
139 100
109 49.3 36.1 54.1
65 71.0 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 47.732 ng
RT: 10.067 min Scan# 1137
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

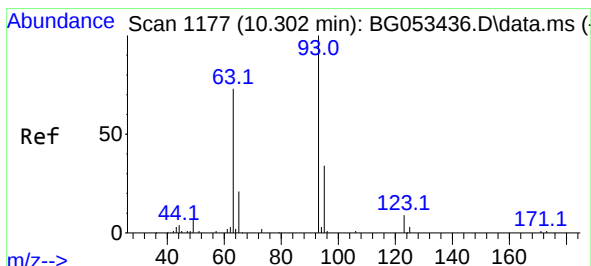
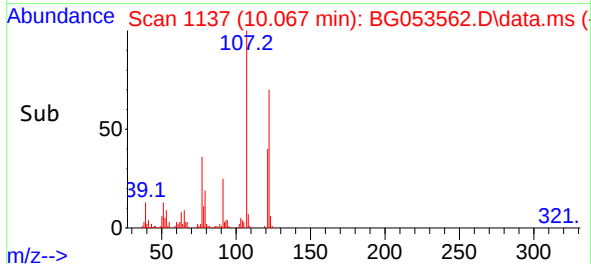
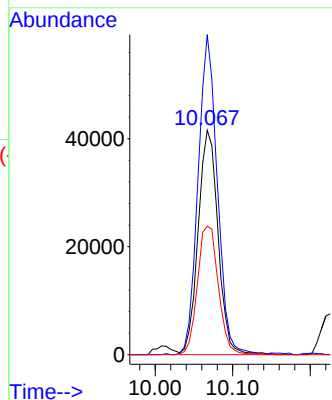
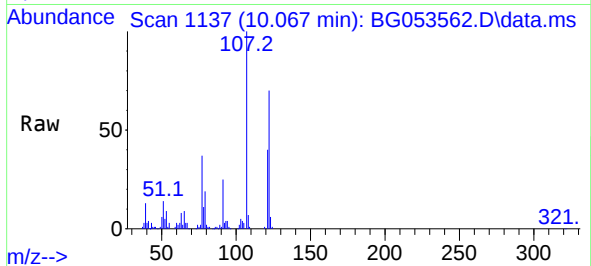
PB144792BS

Tgt Ion:122 Resp: 74080
Ion Ratio Lower Upper
122 100
107 142.6 109.4 164.0
121 57.2 48.7 73.1

Manual Integrations

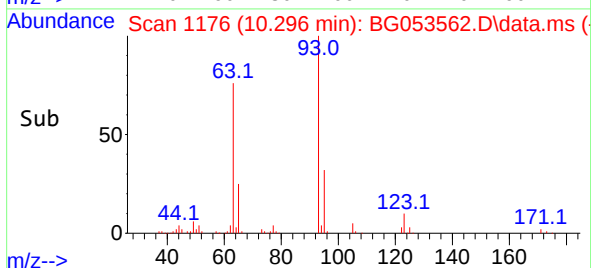
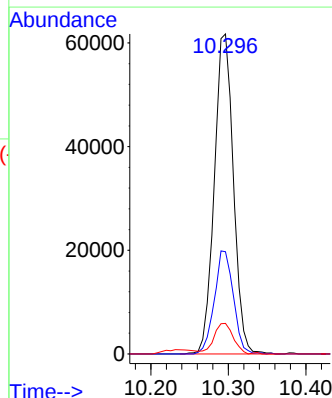
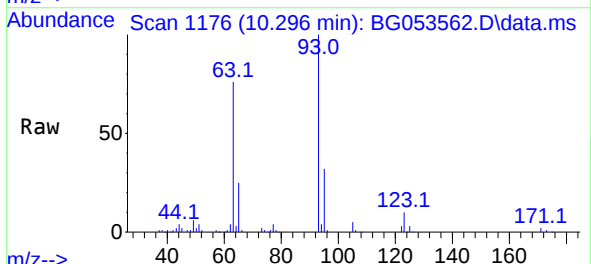
APPROVED

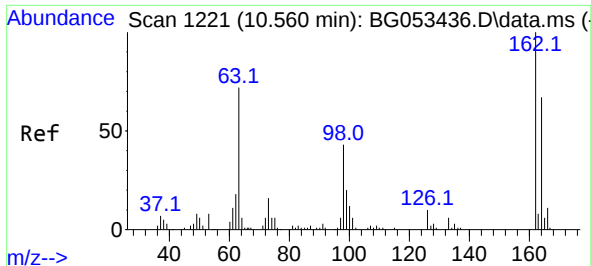
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.487 ng
RT: 10.296 min Scan# 1176
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion: 93 Resp: 105648
Ion Ratio Lower Upper
93 100
95 31.9 26.9 40.3
123 9.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 47.061 ng

RT: 10.555 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG053562.D

Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

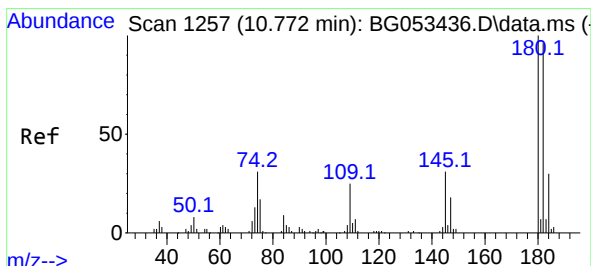
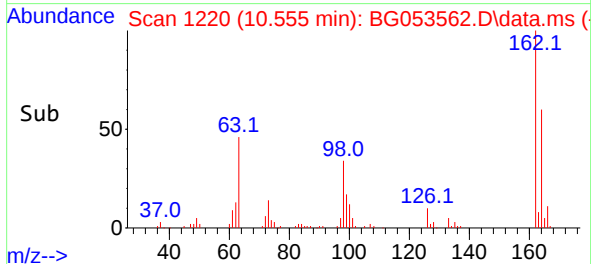
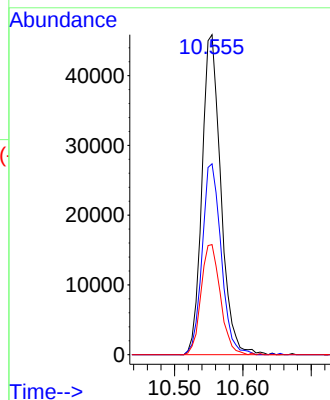
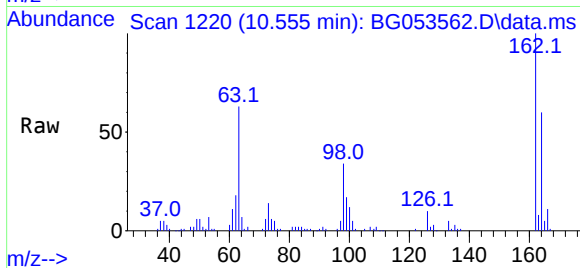
PB144792BS

Tgt Ion:162	Resp:	8815
Ion Ratio	Lower	Upper
162	100	
164	59.7	46.6 86.6
98	34.4	22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.694 ng

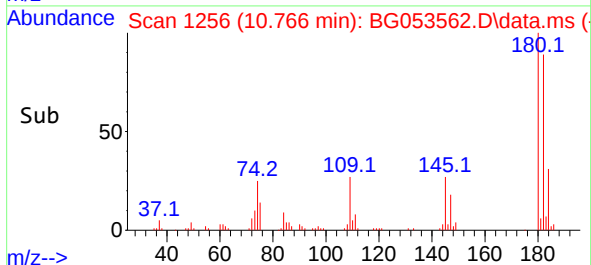
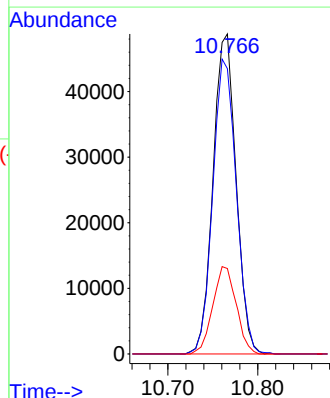
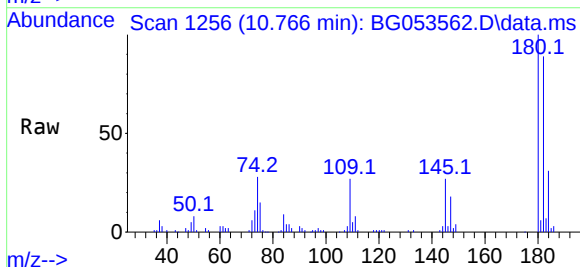
RT: 10.766 min Scan# 1256

Delta R.T. 0.004 min

Lab File: BG053562.D

Acq: 16 May 2022 11:33

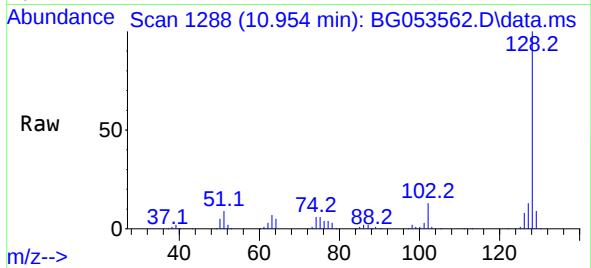
Tgt Ion:180	Resp:	86612
Ion Ratio	Lower	Upper
180	100	
182	89.2	76.6 115.0
145	26.7	25.0 37.4





#31
Naphthalene
Concen: 40.635 ng
RT: 10.954 min Scan# 1288
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

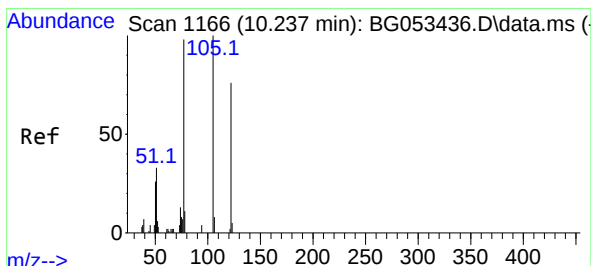
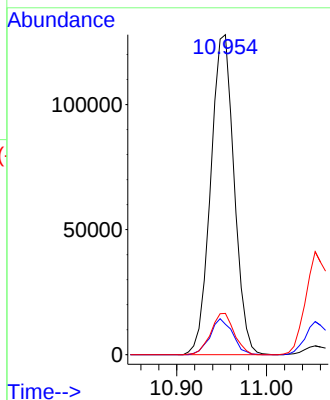
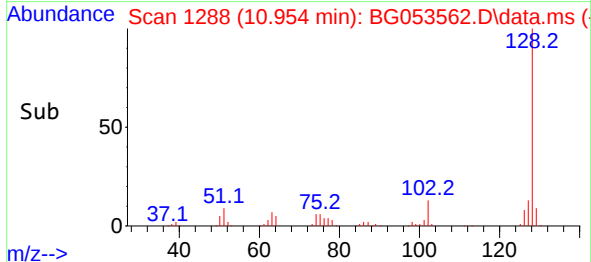
Instrument :
BNA_G
ClientSampleId :
PB144792BS



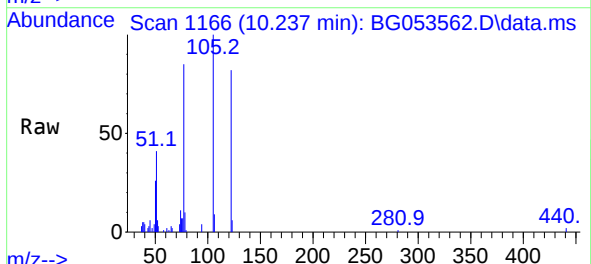
Tgt Ion:128 Resp: 23149
Ion Ratio Lower Upper
128 100
129 9.5 9.0 13.6
127 12.9 11.1 16.7

Manual Integrations
APPROVED

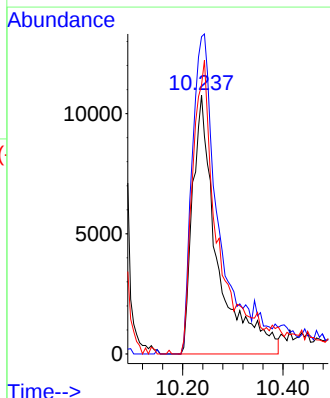
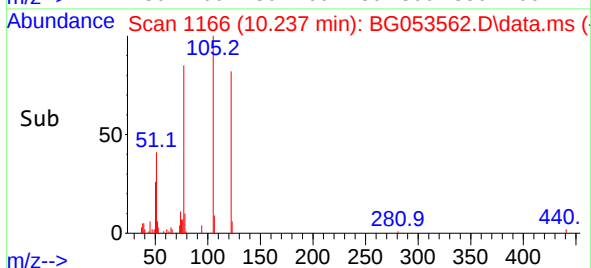
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

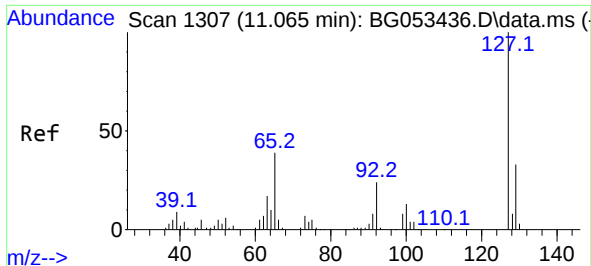


#32
Benzoic acid
Concen: 39.993 ng
RT: 10.237 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:122 Resp: 37133
Ion Ratio Lower Upper
122 100
105 122.7 111.8 151.8
77 104.1 109.4 149.4#





#33
4-Chloroaniline
Concen: 34.370 ng
RT: 11.054 min Scan# 1105
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

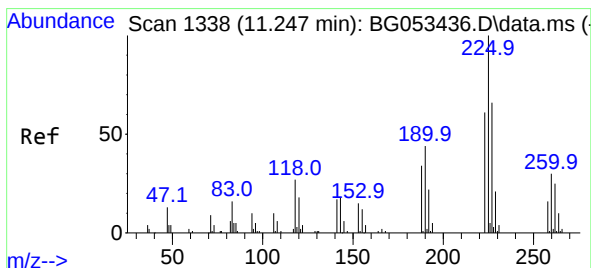
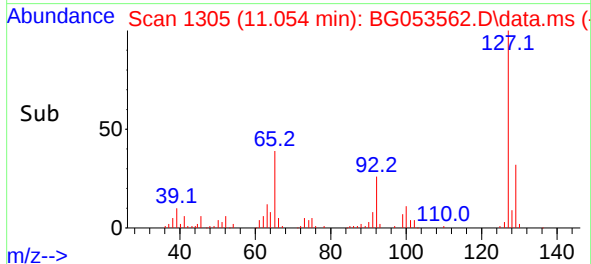
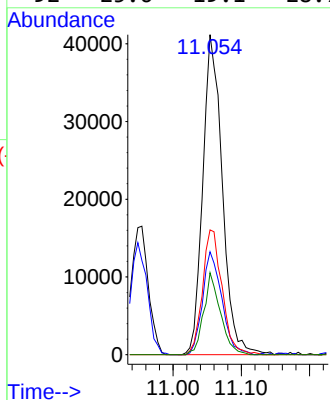
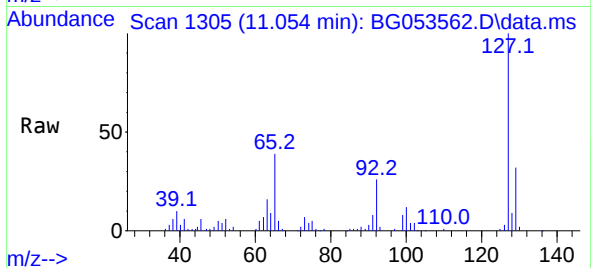
PB144792BS

Tgt Ion:127 Resp: 82000
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 39.0 31.1 46.7
92 25.6 19.1 28.7

Manual Integrations

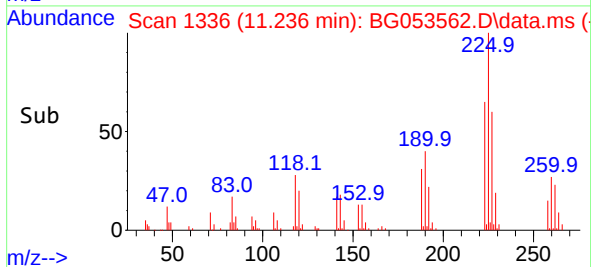
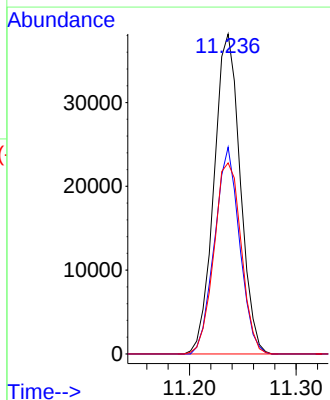
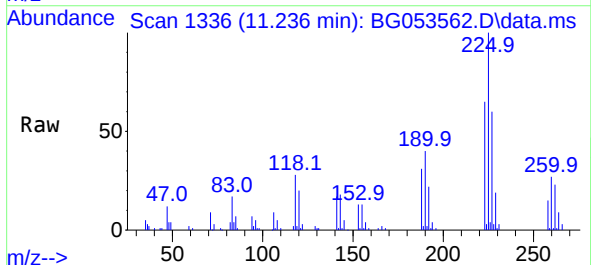
APPROVED

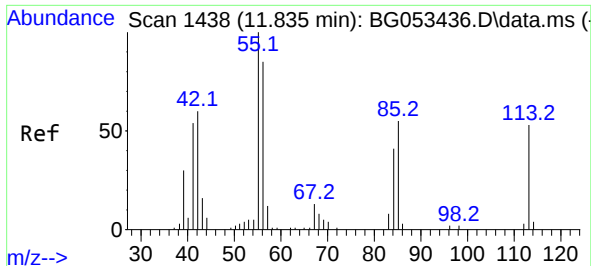
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#34
Hexachlorobutadiene
Concen: 41.205 ng
RT: 11.236 min Scan# 1336
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

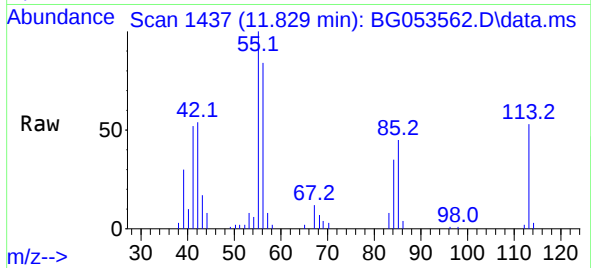
Tgt Ion:225 Resp: 65030
Ion Ratio Lower Upper
225 100
223 64.6 48.9 73.3
227 59.7 52.8 79.2





#35
Caprolactam
Concen: 44.362 ng m
RT: 11.829 min Scan# 1438
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

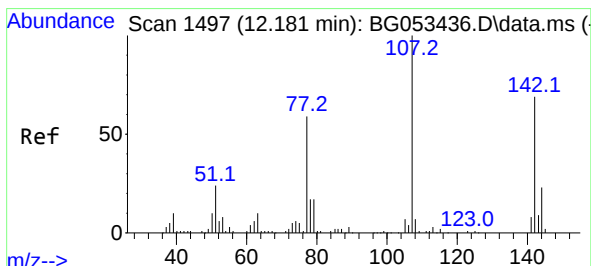
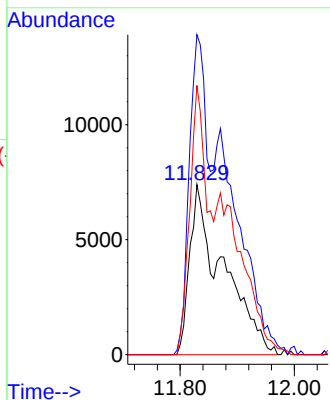
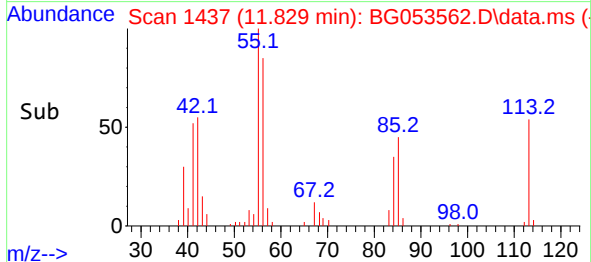
Instrument :
BNA_G
ClientSampleId :
PB144792BS



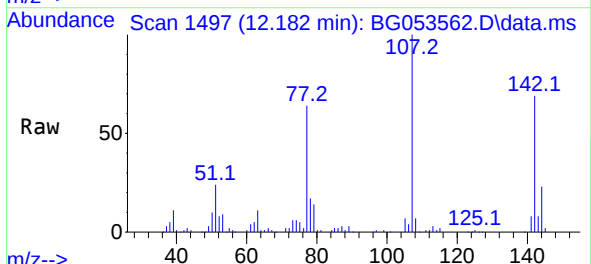
Tgt Ion:113 Resp: 30199
Ion Ratio Lower Upper
113 100
55 188.1 169.8 209.8
56 158.3 141.2 181.2

Manual Integrations
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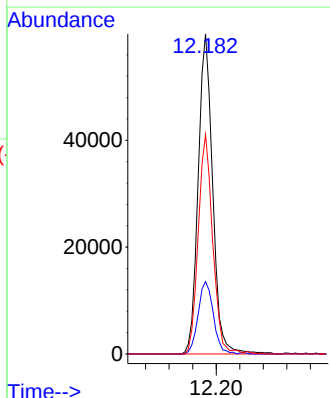
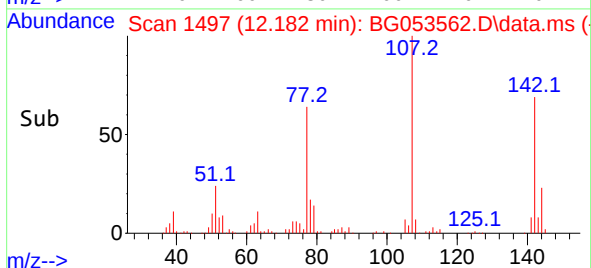
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

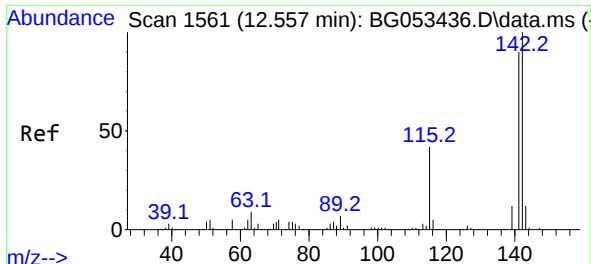


#36
4-Chloro-3-methylphenol
Concen: 45.738 ng
RT: 12.182 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:107 Resp: 102487
Ion Ratio Lower Upper
107 100
144 22.6 18.5 27.7
142 68.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 41.641 ng

RT: 12.552 min Scan# 1560

Delta R.T. 0.004 min

Lab File: BG053562.D

Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

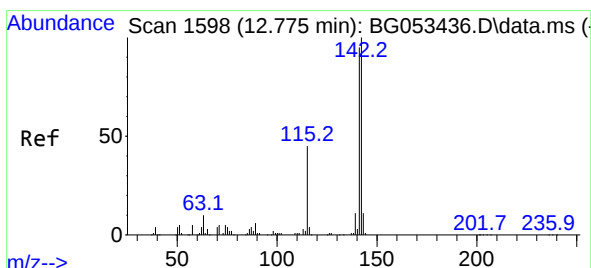
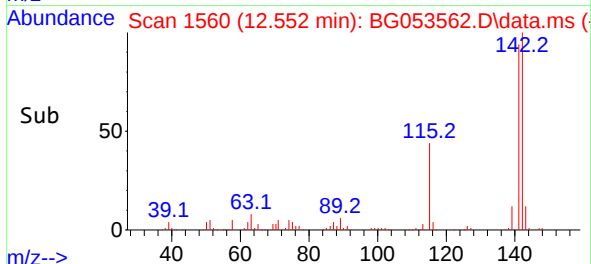
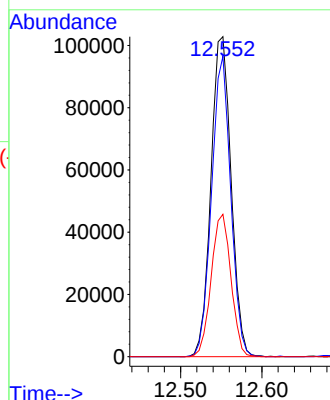
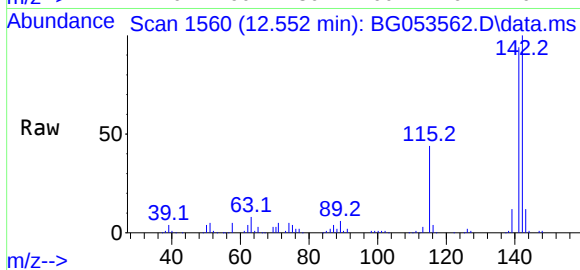
PB144792BS

Tgt Ion:142 Resp: 177030
 Ion Ratio Lower Upper
 142 100
 141 93.9 72.3 108.5
 115 44.5 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2022
 Supervised By :Jagrut Upadhyay 05/17/2022



#38

1-Methylnaphthalene

Concen: 40.928 ng

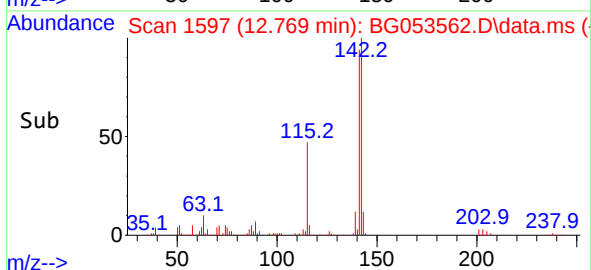
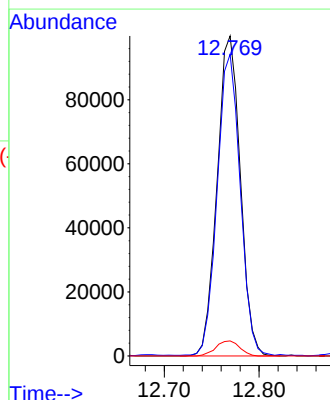
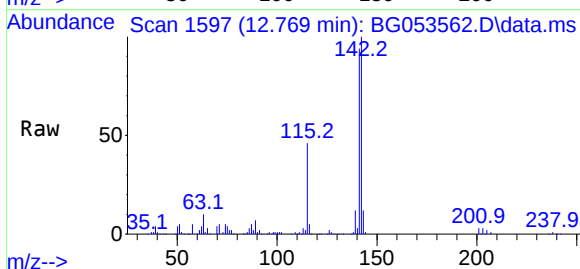
RT: 12.769 min Scan# 1597

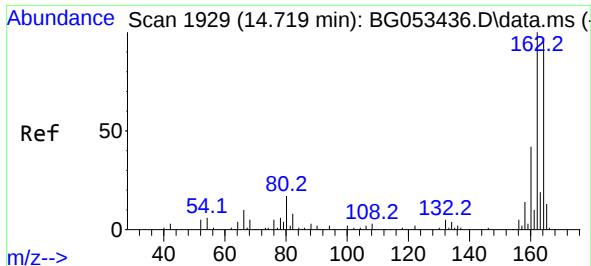
Delta R.T. 0.004 min

Lab File: BG053562.D

Acq: 16 May 2022 11:33

Tgt Ion:142 Resp: 169769
 Ion Ratio Lower Upper
 142 100
 141 94.3 76.4 114.6
 116 4.7 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

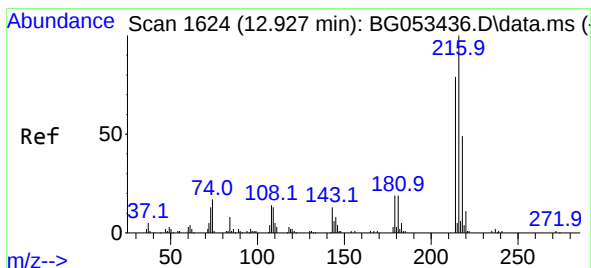
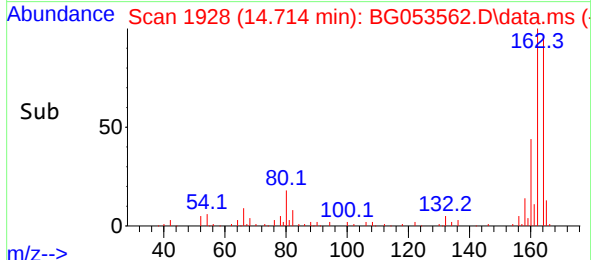
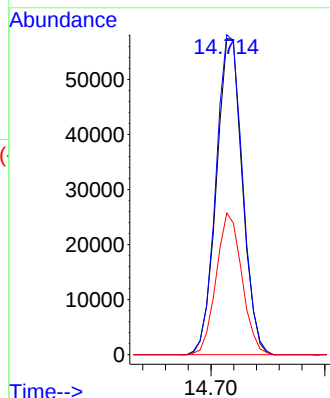
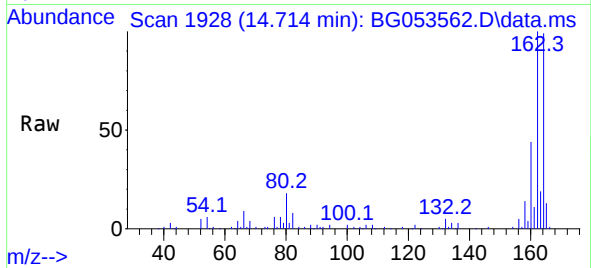
PB144792BS

Tgt Ion:164 Resp: 91248
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 44.8 34.2 51.2

Manual Integrations

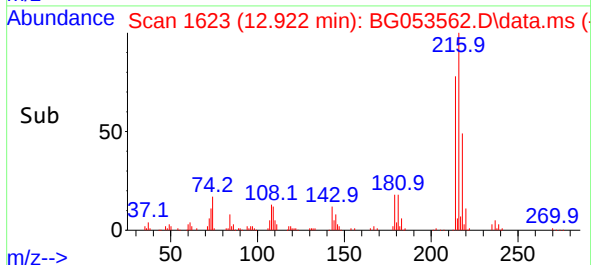
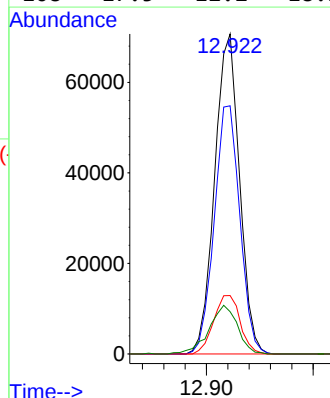
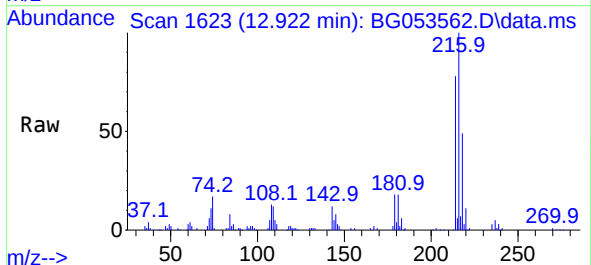
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.723 ng
RT: 12.922 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

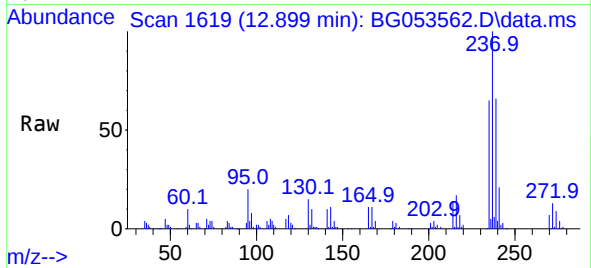
Tgt Ion:216 Resp: 114253
Ion Ratio Lower Upper
216 100
214 79.8 62.9 94.3
179 19.5 16.1 24.1
108 17.5 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 84.875 ng
RT: 12.899 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

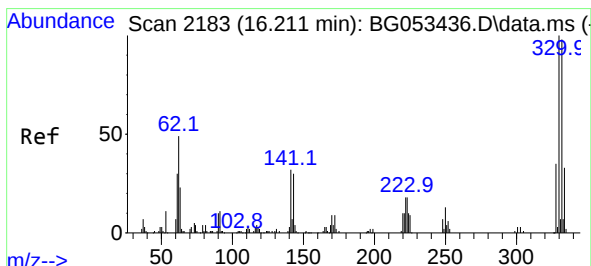
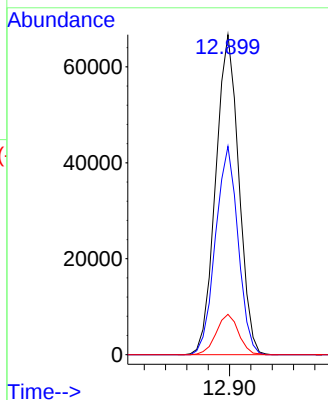
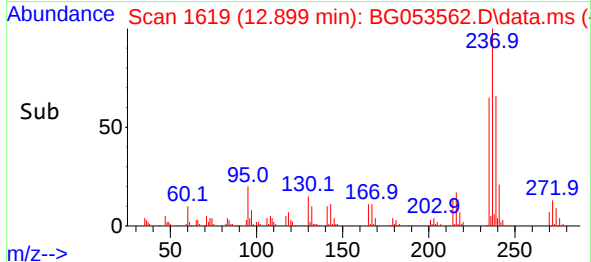
Instrument :
BNA_G
ClientSampleId :
PB144792BS



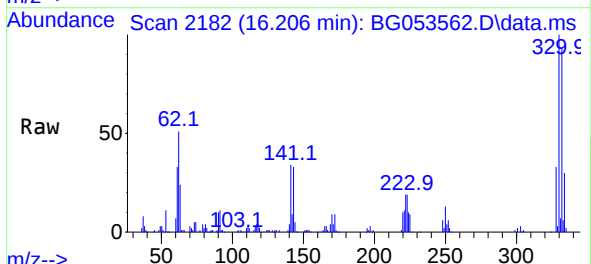
Tgt Ion:237 Resp: 100140
Ion Ratio Lower Upper
237 100
235 65.1 43.5 83.5
272 12.6 0.0 30.1

Manual Integrations
APPROVED

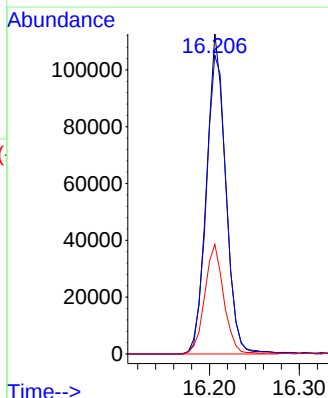
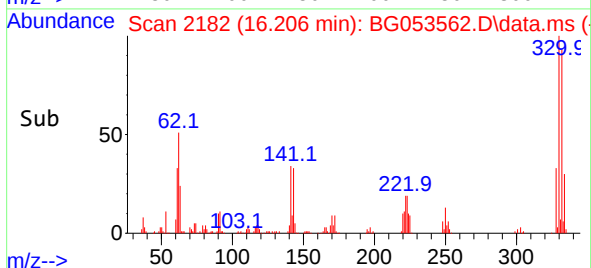
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

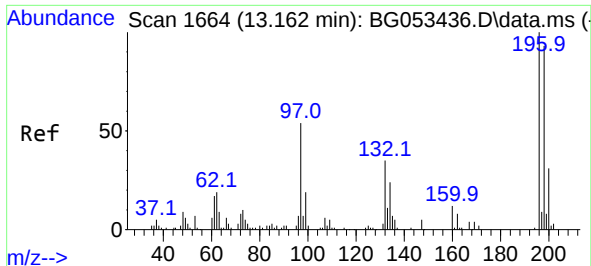


#42
2,4,6-Tribromophenol
Concen: 123.380 ng
RT: 16.206 min Scan# 2182
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:330 Resp: 166045
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 34.0 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 41.466 ng
RT: 13.157 min Scan# 1663
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

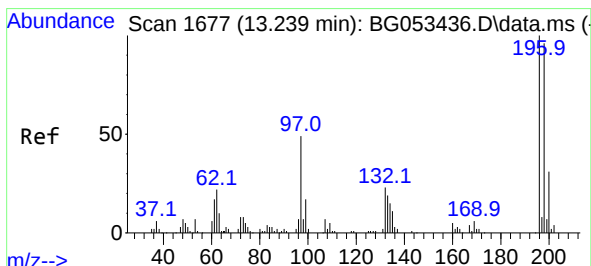
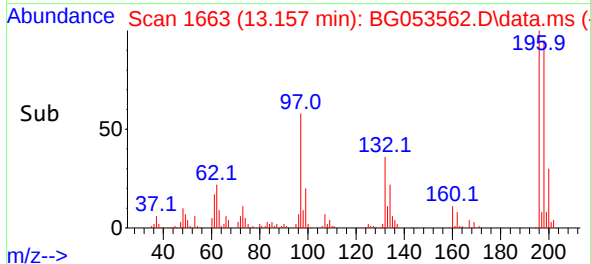
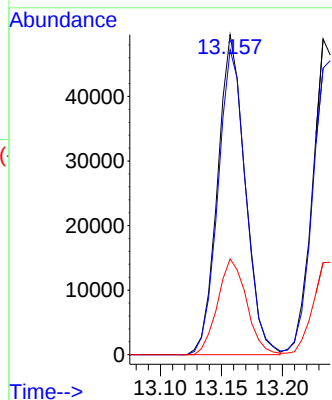
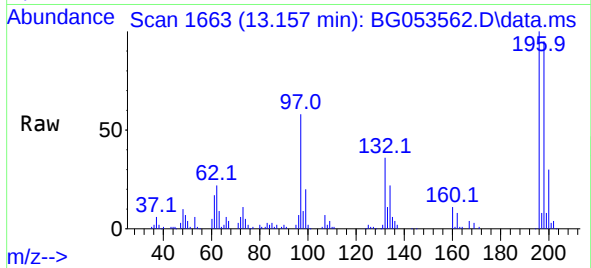
PB144792BS

Tgt Ion:196 Resp: 77852
Ion Ratio Lower Upper
196 100
198 95.3 74.1 111.1
200 29.9 24.7 37.1

Manual Integrations

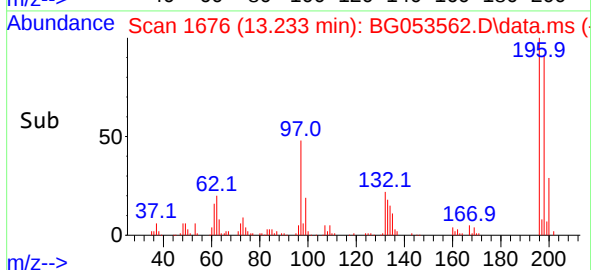
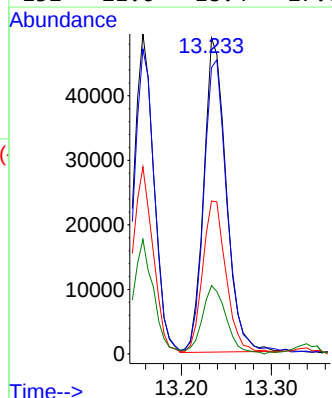
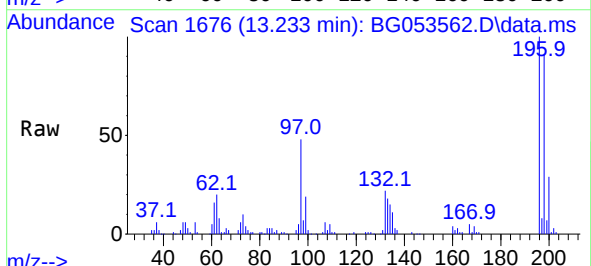
APPROVED

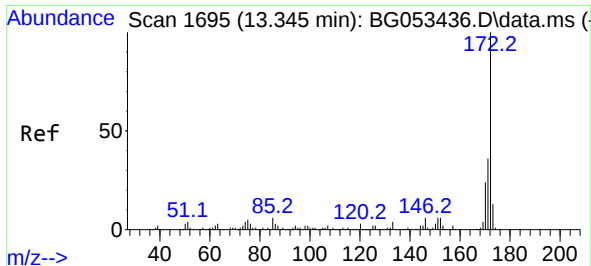
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#44
2,4,5-Trichlorophenol
Concen: 42.260 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:196 Resp: 84443
Ion Ratio Lower Upper
196 100
198 90.7 76.8 115.2
97 48.4 39.8 59.6
132 21.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 78.400 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

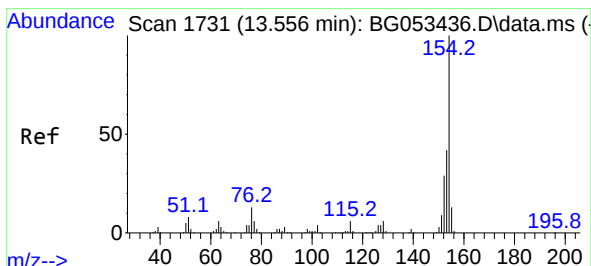
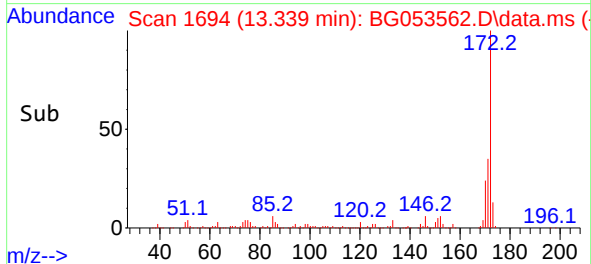
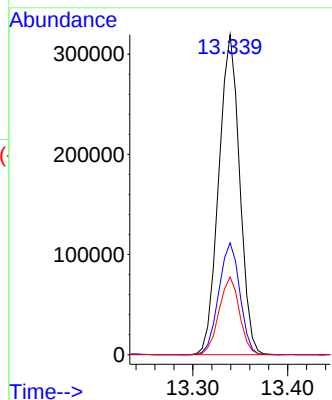
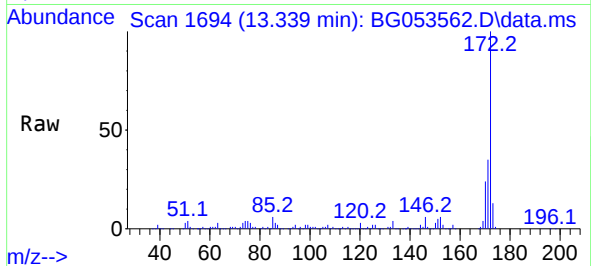
PB144792BS

Tgt Ion:172 Resp: 489560
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.2 18.9 28.3

Manual Integrations

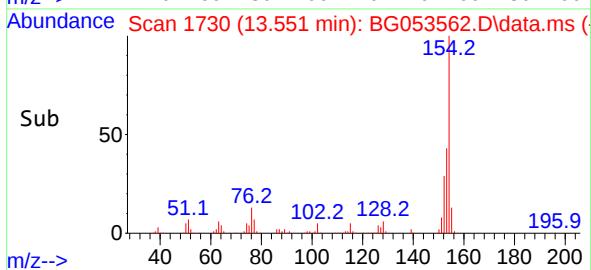
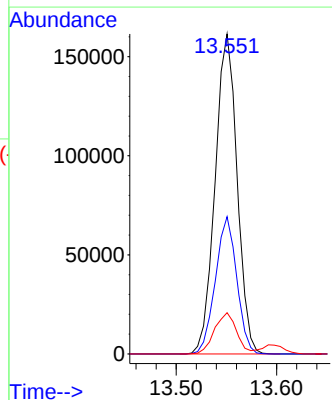
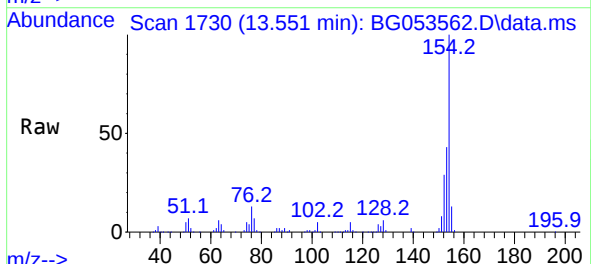
APPROVED

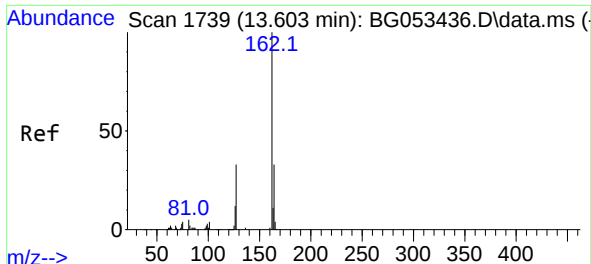
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#46
1,1'-Biphenyl
Concen: 39.462 ng
RT: 13.551 min Scan# 1730
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:154 Resp: 245447
Ion Ratio Lower Upper
154 100
153 42.9 21.6 61.6
76 12.9 0.0 32.6





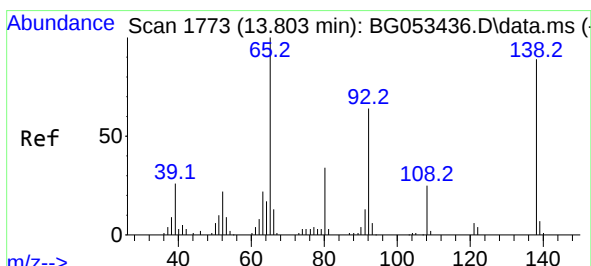
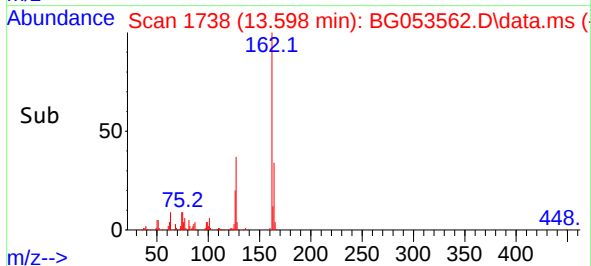
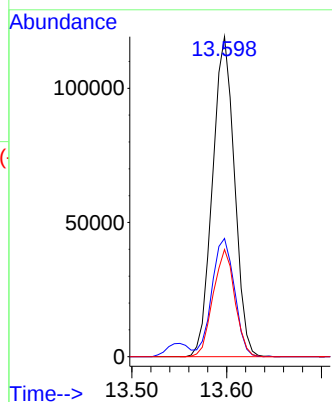
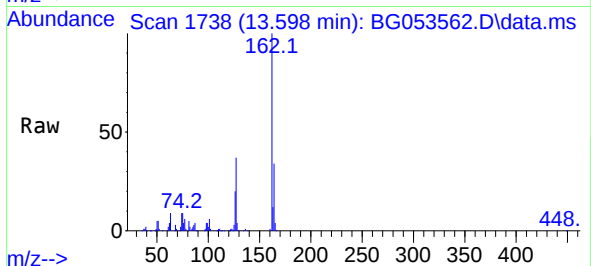
#47
2-Chloronaphthalene
Concen: 39.331 ng
RT: 13.598 min Scan# 1738
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion:162 Resp: 19166
Ion Ratio Lower Upper
162 100
127 36.9 30.6 45.8
164 33.5 26.5 39.7

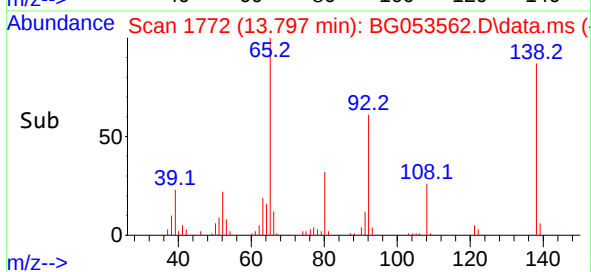
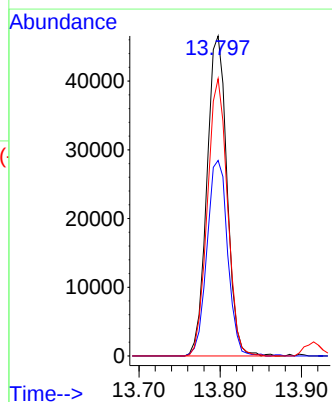
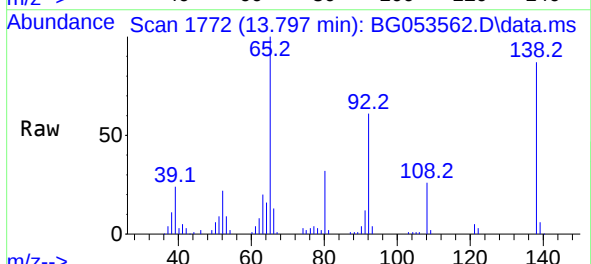
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#48
2-Nitroaniline
Concen: 43.949 ng
RT: 13.797 min Scan# 1772
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion: 65 Resp: 79803
Ion Ratio Lower Upper
65 100
92 61.1 51.5 77.3
138 86.6 71.3 106.9





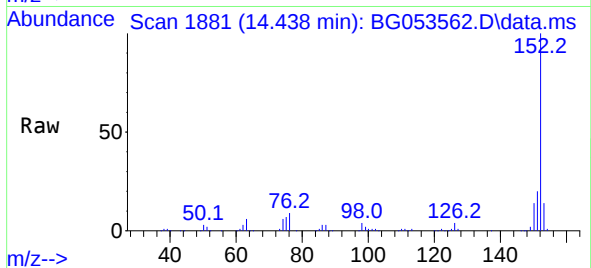
#49
Acenaphthylene
Concen: 42.398 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB144792BS

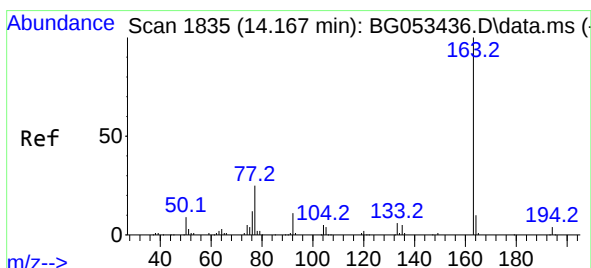
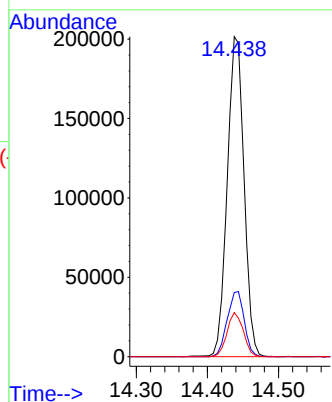


Tgt Ion:152 Resp: 329692
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.8 10.8 16.2

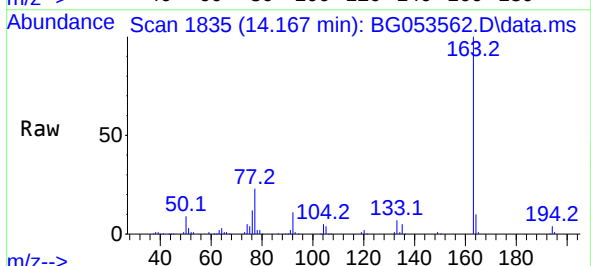
Manual Integrations

APPROVED

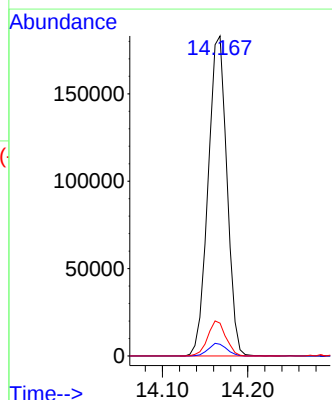
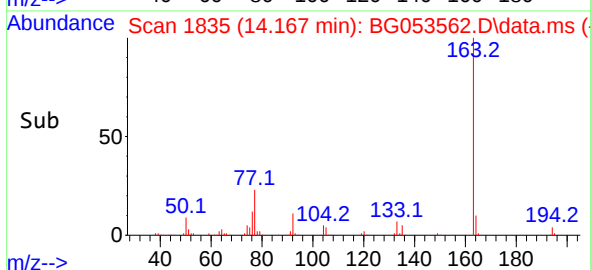
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

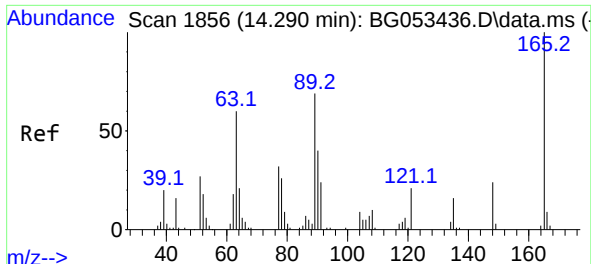


#50
Dimethylphthalate
Concen: 40.315 ng
RT: 14.167 min Scan# 1835
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:163 Resp: 279541
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 8.0 12.0





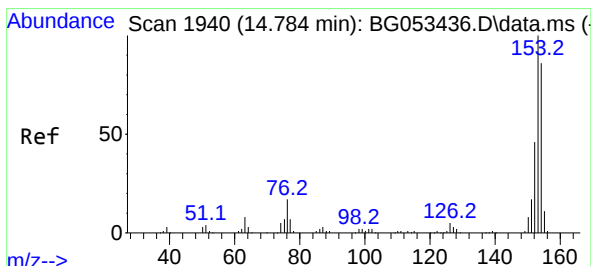
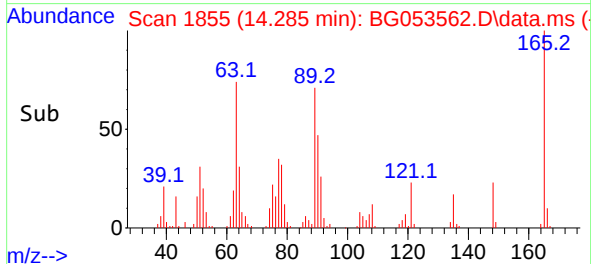
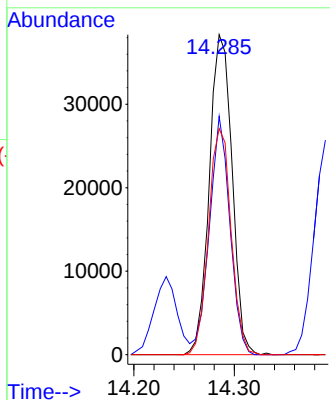
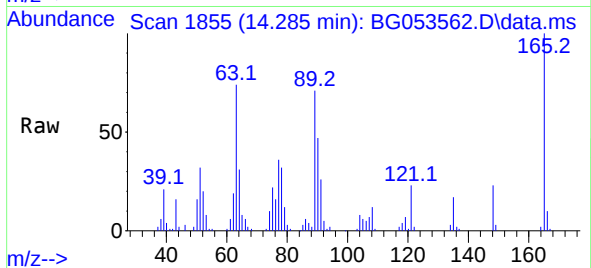
#51
2,6-Dinitrotoluene
Concen: 42.676 ng
RT: 14.285 min Scan# 1855
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion:165 Resp: 6028
Ion Ratio Lower Upper
165 100
63 74.4 54.1 81.1
89 70.6 54.8 82.2

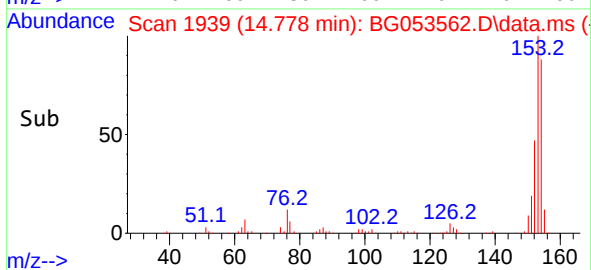
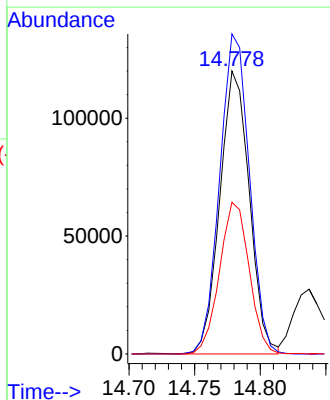
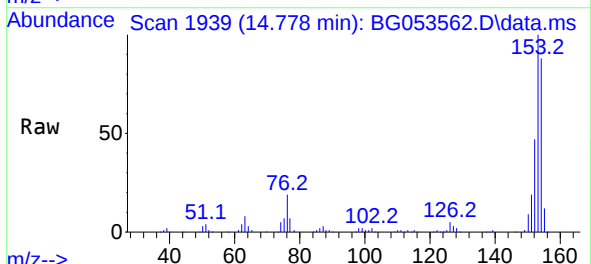
Manual Integrations
APPROVED

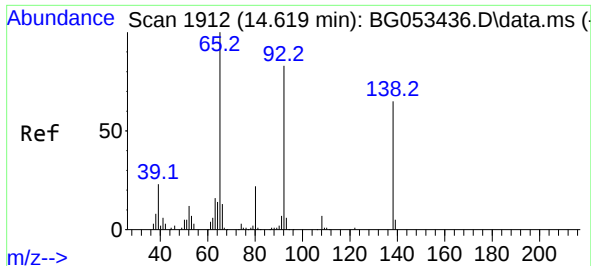
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#52
Acenaphthene
Concen: 40.588 ng
RT: 14.778 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:154 Resp: 188090
Ion Ratio Lower Upper
154 100
153 113.1 92.7 139.1
152 53.6 42.6 64.0





#53
3-Nitroaniline
Concen: 35.326 ng
RT: 14.620 min Scan# 1912
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

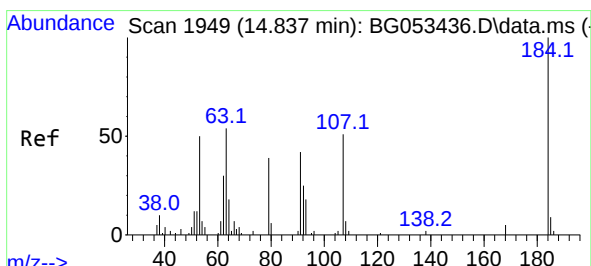
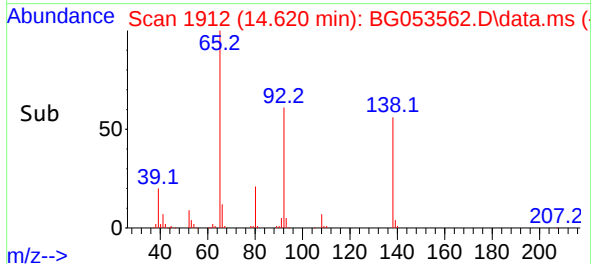
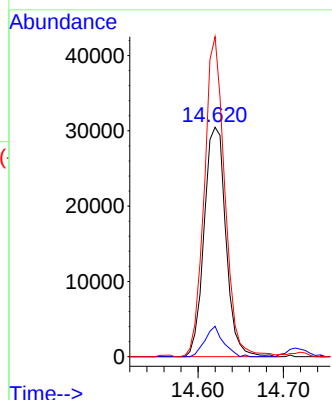
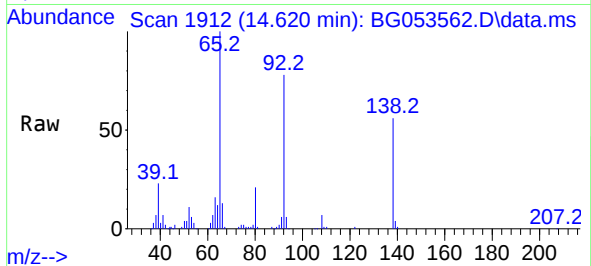
PB144792BS

Tgt Ion:138 Resp: 5392
Ion Ratio Lower Upper
138 100
108 13.3 9.2 13.8
92 139.5 101.9 152.9

Manual Integrations

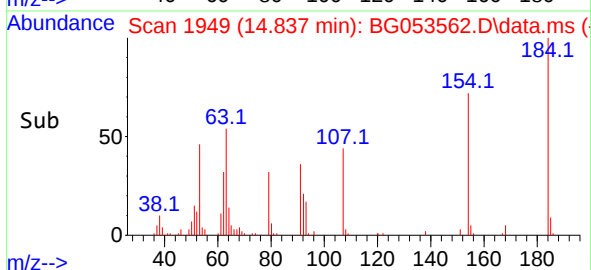
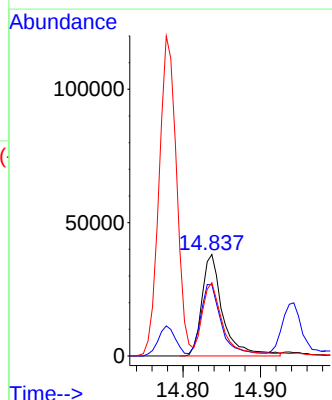
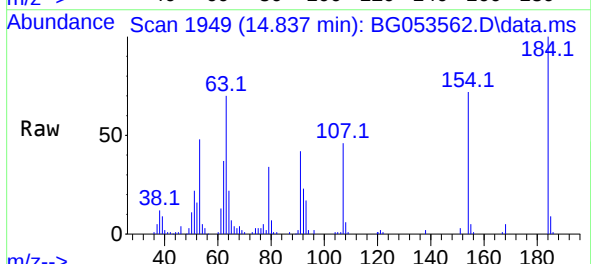
APPROVED

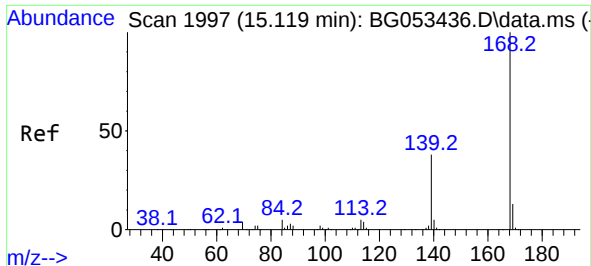
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#54
2,4-Dinitrophenol
Concen: 79.556 ng
RT: 14.837 min Scan# 1949
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:184 Resp: 71306
Ion Ratio Lower Upper
184 100
63 70.1 61.1 91.7
154 72.2 60.6 91.0





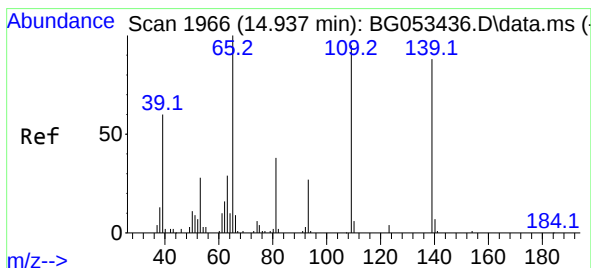
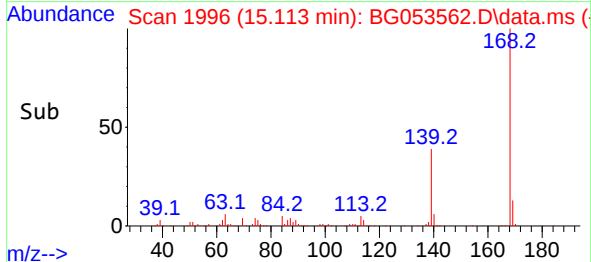
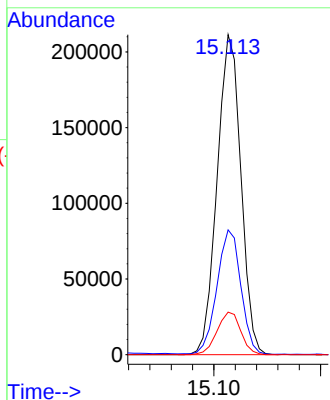
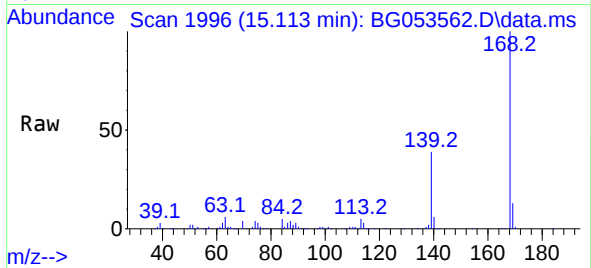
#55
Dibenzofuran
Concen: 39.221 ng
RT: 15.113 min Scan# 1997
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion:168 Resp: 326469
Ion Ratio Lower Upper
168 100
139 39.0 30.5 45.7
169 13.3 10.3 15.5

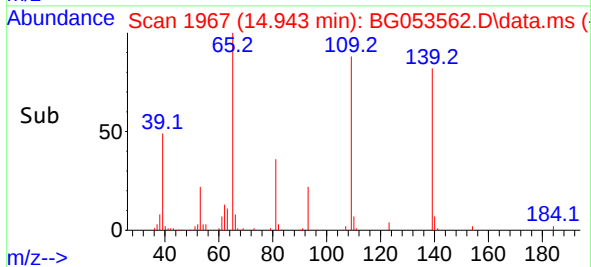
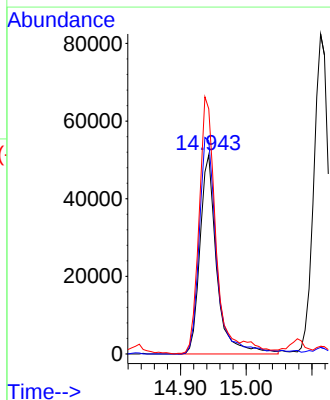
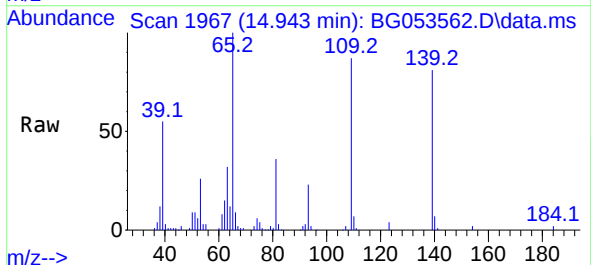
Manual Integrations
APPROVED

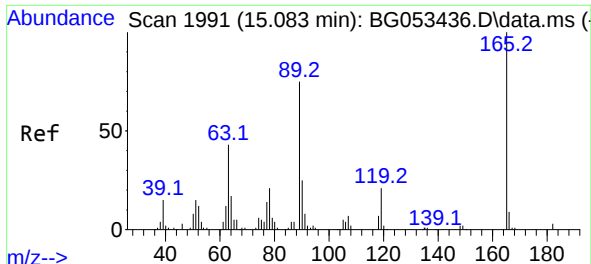
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#56
4-Nitrophenol
Concen: 83.905 ng
RT: 14.943 min Scan# 1967
Delta R.T. 0.010 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:139 Resp: 91475
Ion Ratio Lower Upper
139 100
109 107.1 88.5 128.5
65 123.2 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 43.362 ng
RT: 15.078 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

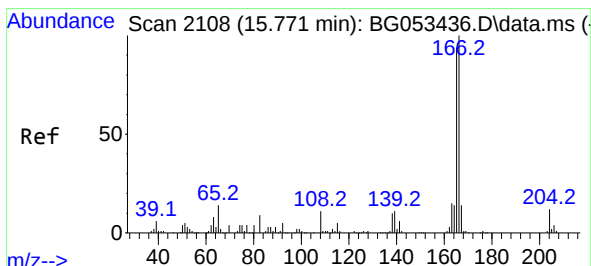
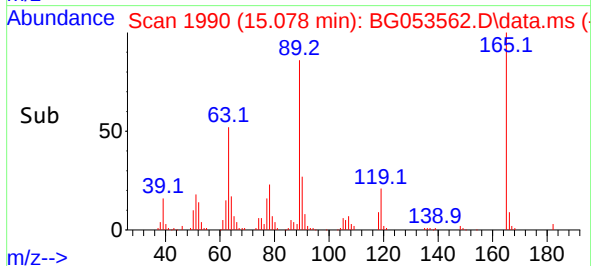
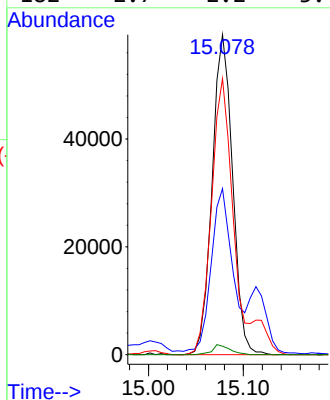
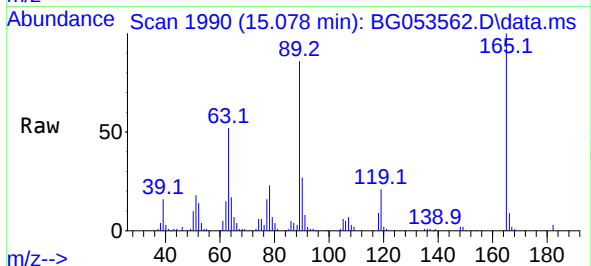
PB144792BS

Tgt Ion:165 Resp: 88792
Ion Ratio Lower Upper
165 100
63 51.9 34.6 52.0
89 86.3 60.3 90.5
182 2.7 2.2 3.4

Manual Integrations

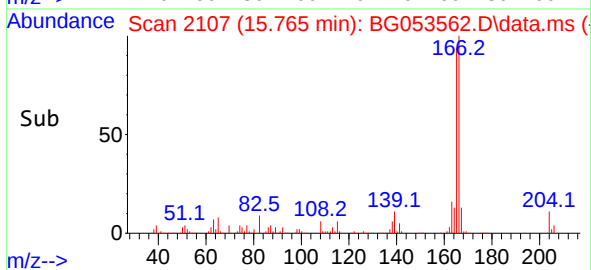
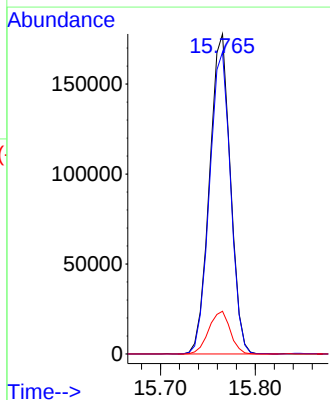
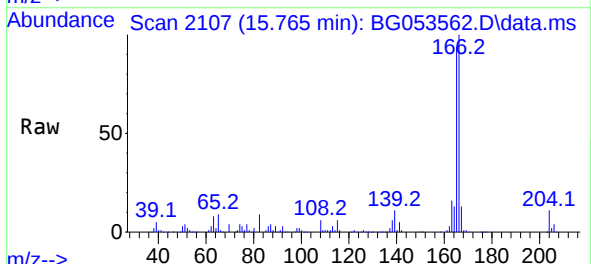
APPROVED

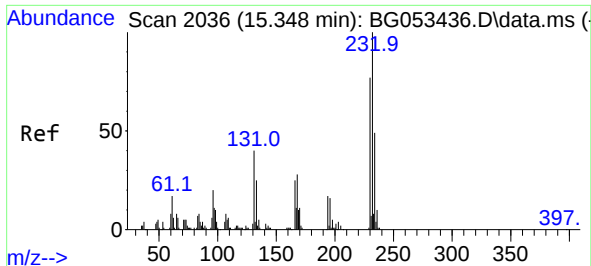
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#58
Fluorene
Concen: 40.688 ng
RT: 15.765 min Scan# 2107
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:166 Resp: 271788
Ion Ratio Lower Upper
166 100
165 94.4 75.0 112.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.034 ng
RT: 15.342 min Scan# 2036
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

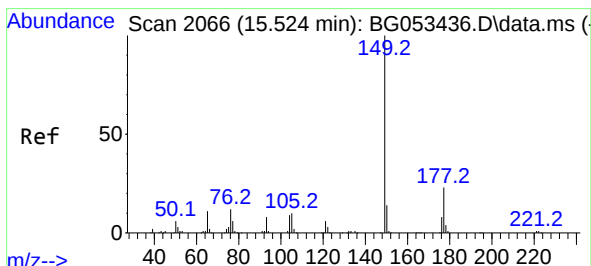
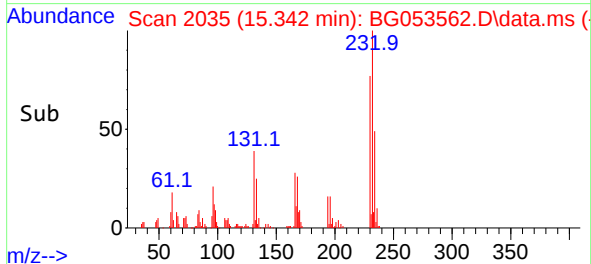
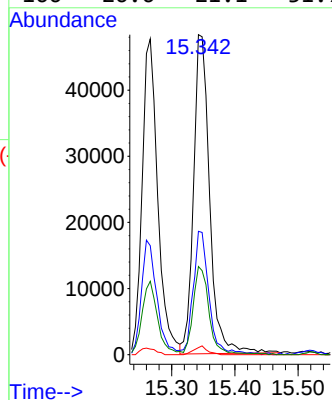
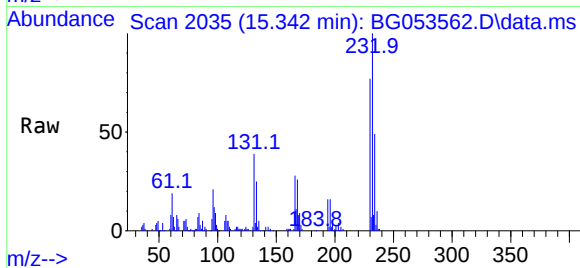
PB144792BS

Tgt Ion:232 Resp: 85219
Ion Ratio Lower Upper
232 100
131 38.4 30.6 46.0
130 2.3 1.8 2.8
166 26.6 21.1 31.7

Manual Integrations

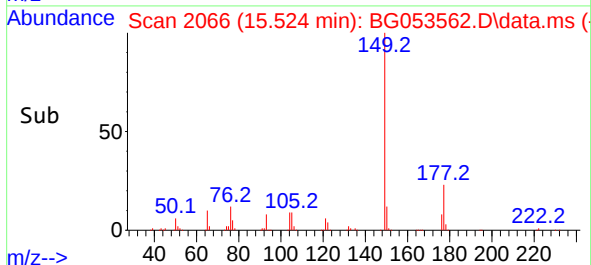
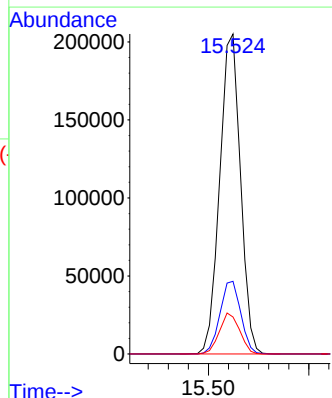
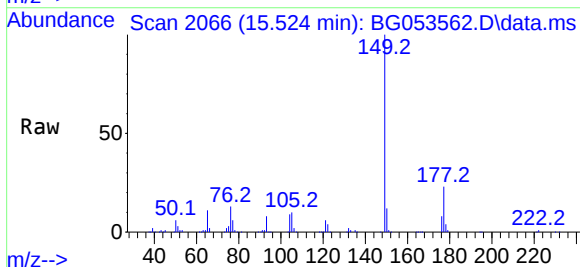
APPROVED

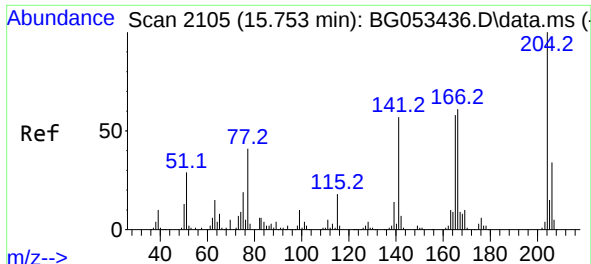
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#60
Diethylphthalate
Concen: 41.026 ng
RT: 15.524 min Scan# 2066
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:149 Resp: 293851
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 11.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 41.416 ng
RT: 15.748 min Scan# 2104
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

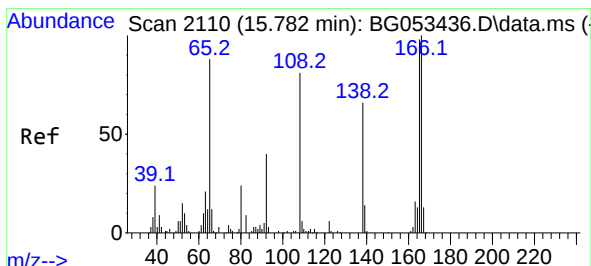
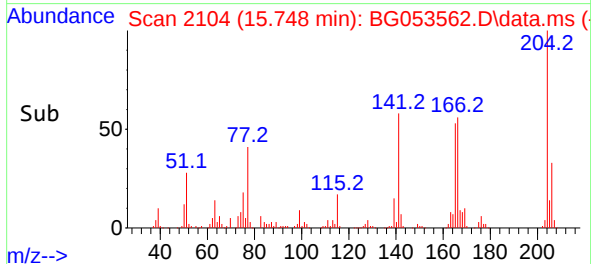
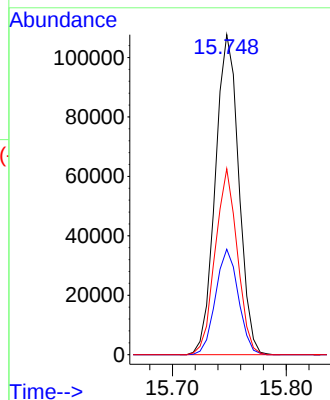
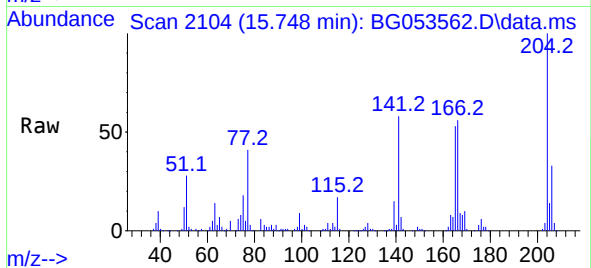
PB144792BS

Tgt Ion:204 Resp: 15437
Ion Ratio Lower Upper
204 100
206 33.0 27.5 41.3
141 58.1 45.3 67.9

Manual Integrations

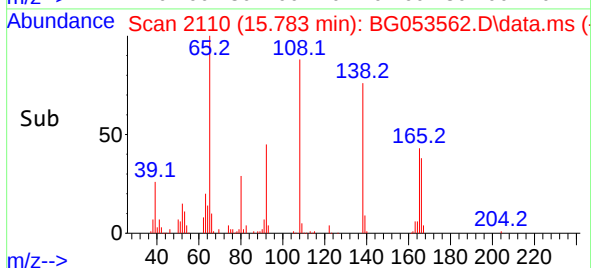
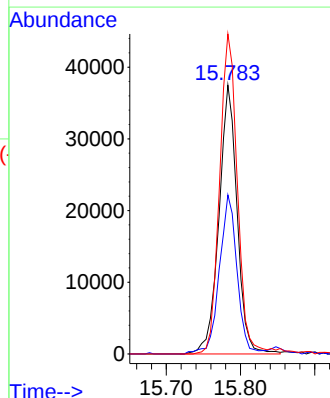
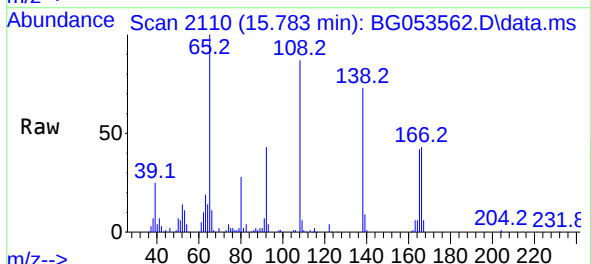
APPROVED

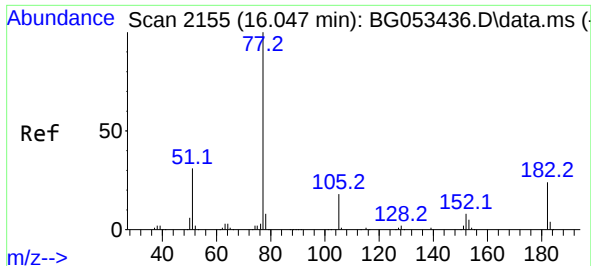
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#62
4-Nitroaniline
Concen: 40.317 ng
RT: 15.783 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:138 Resp: 63828
Ion Ratio Lower Upper
138 100
92 59.2 40.5 80.5
108 119.1 103.7 143.7





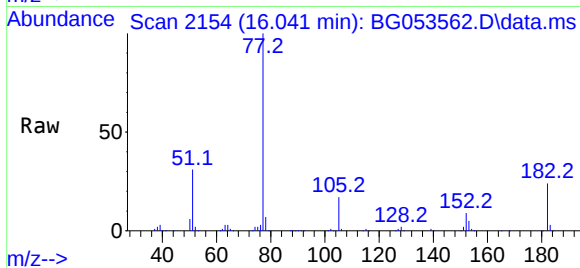
#63
Azobenzene
Concen: 40.164 ng
RT: 16.041 min Scan# 2155
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB144792BS

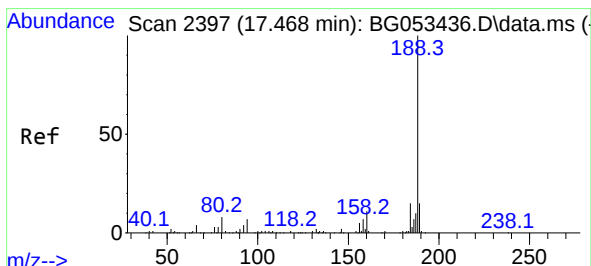
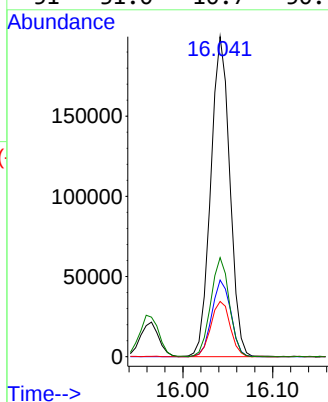
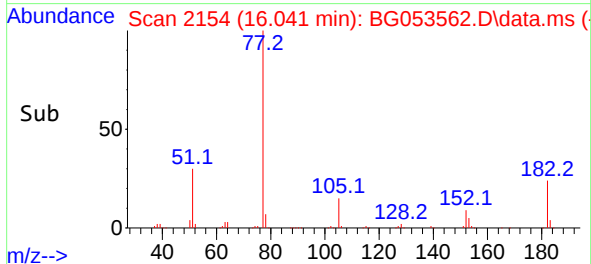


Tgt Ion: 77 Resp: 29458
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 17.3 0.0 37.8
51 31.0 10.7 50.7

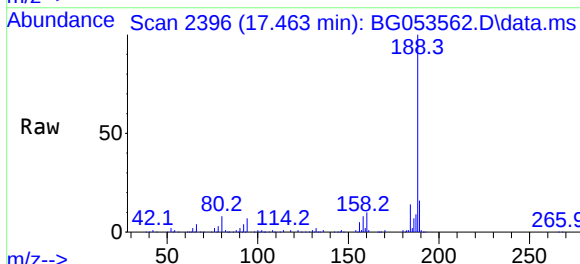
Manual Integrations

APPROVED

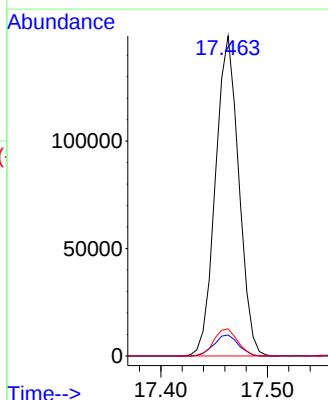
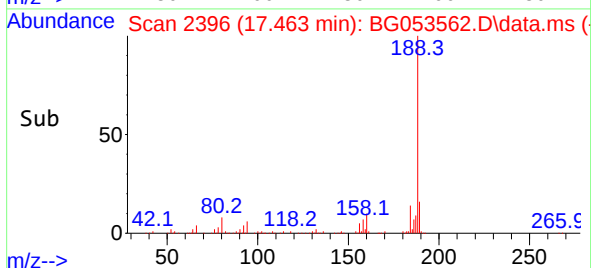
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

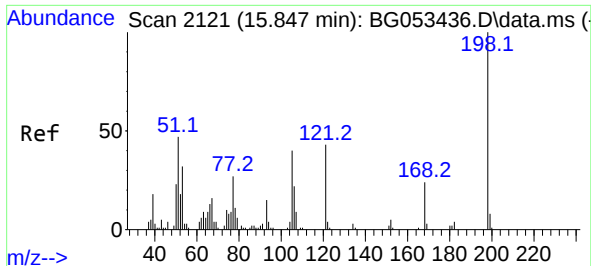


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2396
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:188 Resp: 226001
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 38.970 ng
RT: 15.848 min Scan# 2121
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

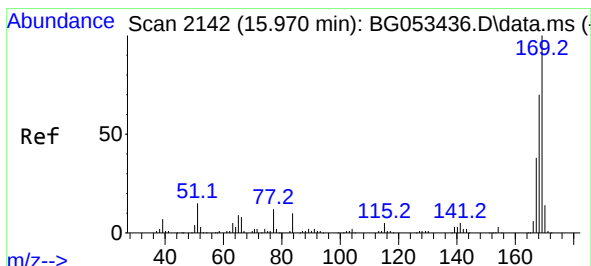
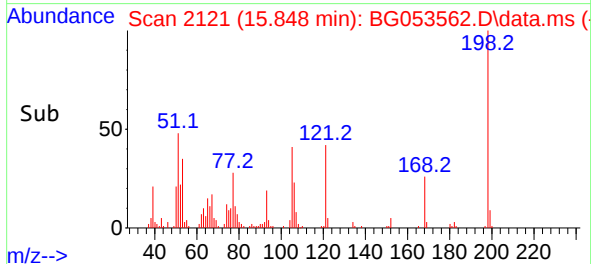
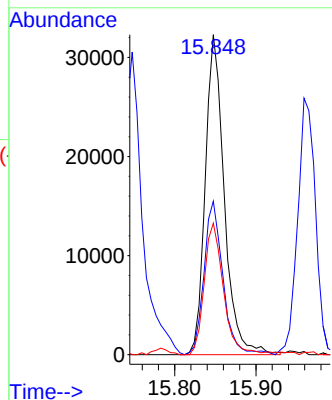
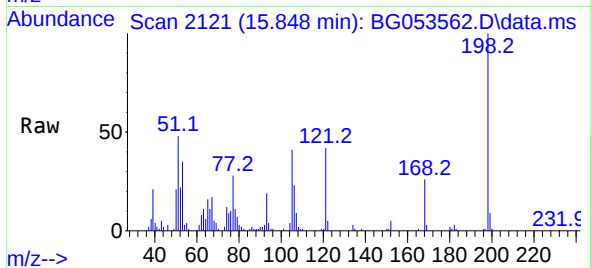
PB144792BS

Tgt Ion:198 Resp: 52480
Ion Ratio Lower Upper
198 100
51 48.0 28.1 68.1
105 41.1 20.3 60.3

Manual Integrations

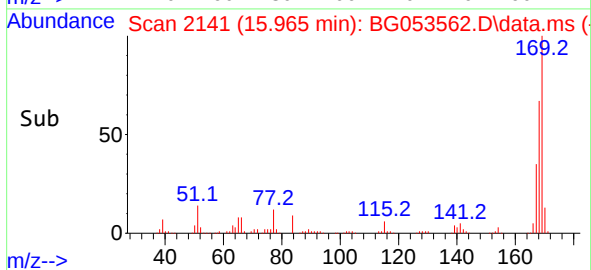
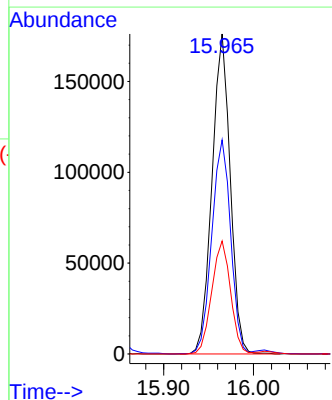
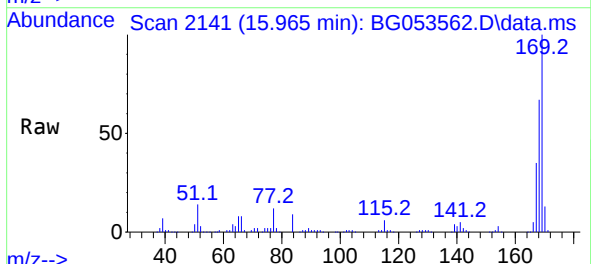
APPROVED

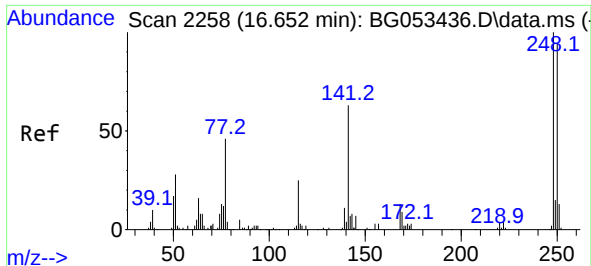
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#66
n-Nitrosodiphenylamine
Concen: 41.836 ng
RT: 15.965 min Scan# 2141
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:169 Resp: 248242
Ion Ratio Lower Upper
169 100
168 66.9 55.9 83.9
167 35.3 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 41.074 ng
RT: 16.641 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

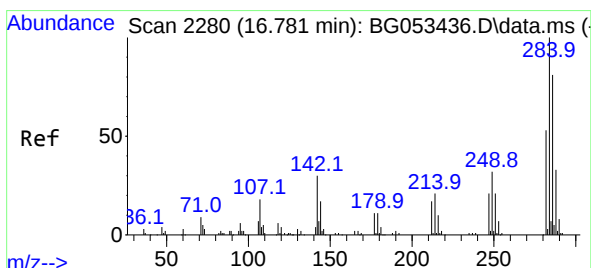
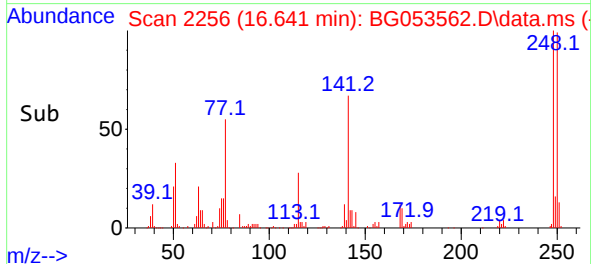
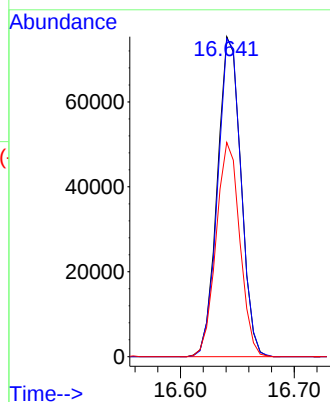
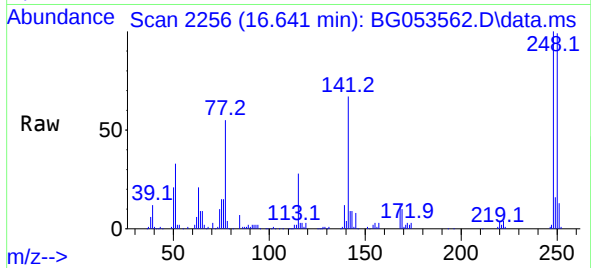
PB144792BS

Tgt Ion:248 Resp: 10841
Ion Ratio Lower Upper
248 100
250 99.4 75.2 112.8
141 66.9 50.0 75.0

Manual Integrations

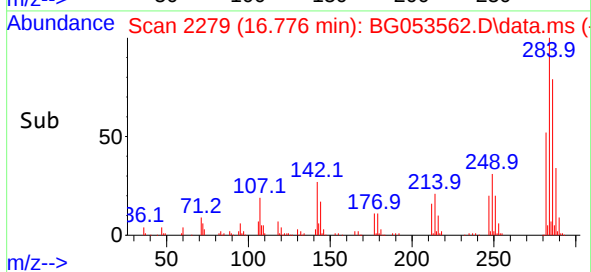
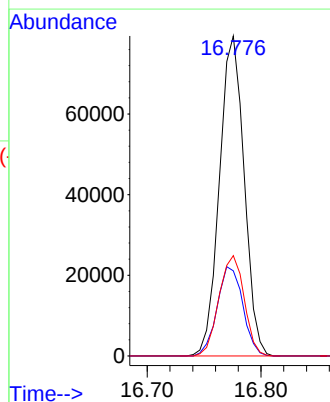
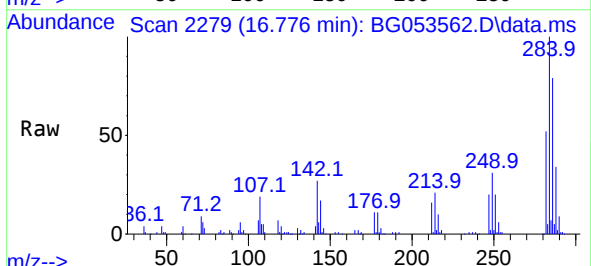
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#68
Hexachlorobenzene
Concen: 41.416 ng
RT: 16.776 min Scan# 2279
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:284 Resp: 119720
Ion Ratio Lower Upper
284 100
142 26.6 23.6 35.4
249 31.3 25.8 38.6





#69
Atrazine
Concen: 43.749 ng
RT: 16.911 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

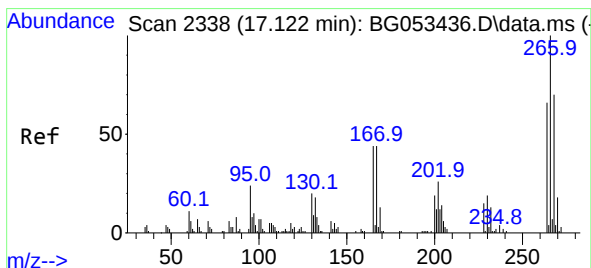
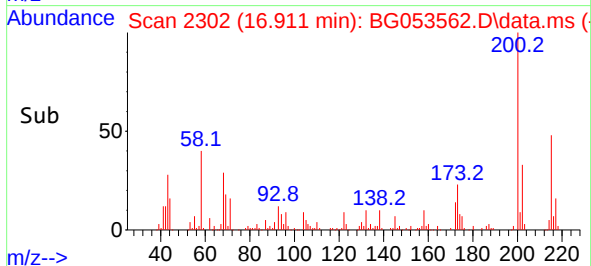
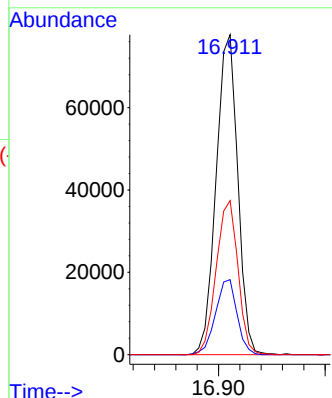
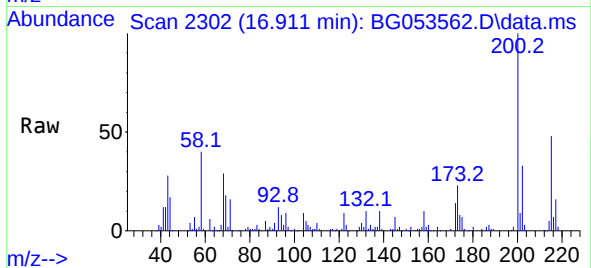
PB144792BS

Tgt Ion:200 Resp: 109284
Ion Ratio Lower Upper
200 100
173 23.5 3.7 43.7
215 48.1 25.2 65.2

Manual Integrations

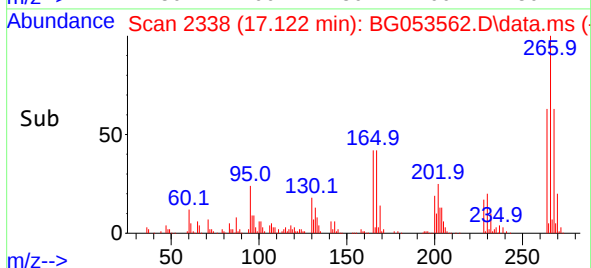
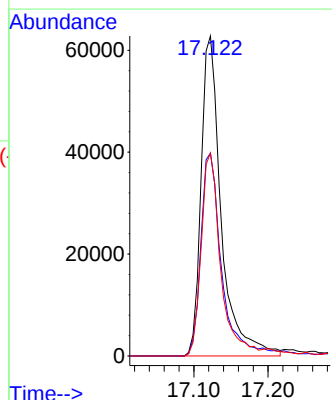
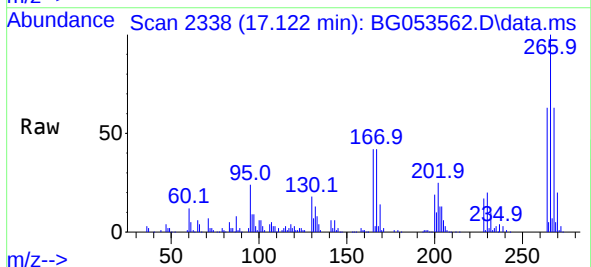
APPROVED

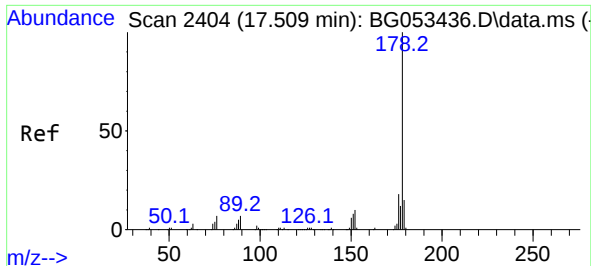
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#70
Pentachlorophenol
Concen: 76.404 ng
RT: 17.122 min Scan# 2338
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

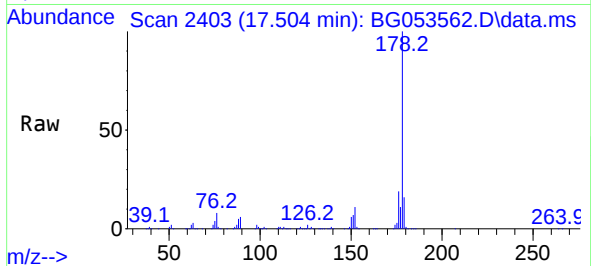
Tgt Ion:266 Resp: 118594
Ion Ratio Lower Upper
266 100
268 63.4 56.2 84.2
264 63.4 53.0 79.4





#71
Phenanthrene
Concen: 41.113 ng
RT: 17.504 min Scan# 2403
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

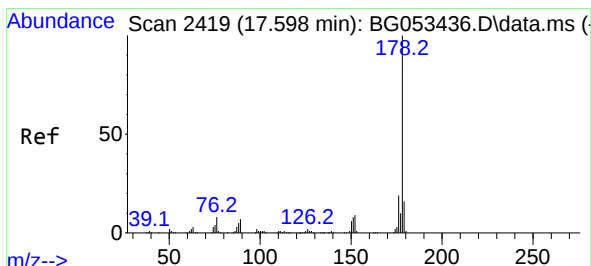
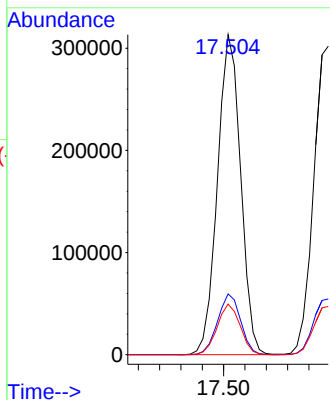
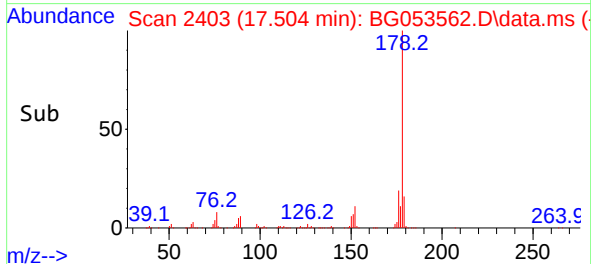
Instrument :
BNA_G
ClientSampleId :
PB144792BS



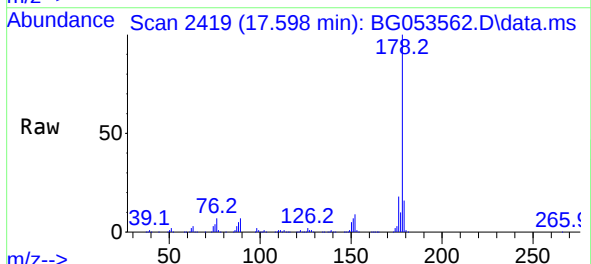
Tgt Ion:178 Resp: 47245
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.8 12.1 18.1

Manual Integrations
APPROVED

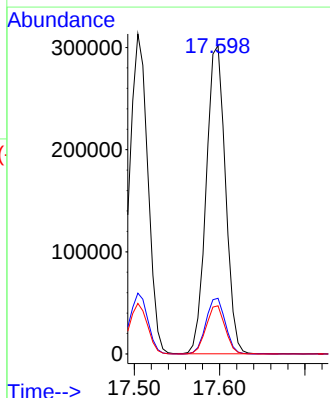
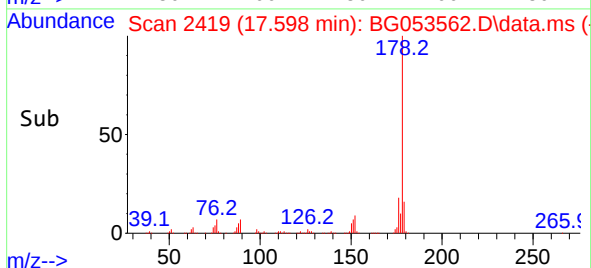
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

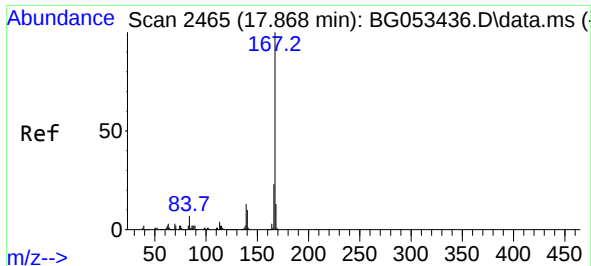


#72
Anthracene
Concen: 41.804 ng
RT: 17.598 min Scan# 2419
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



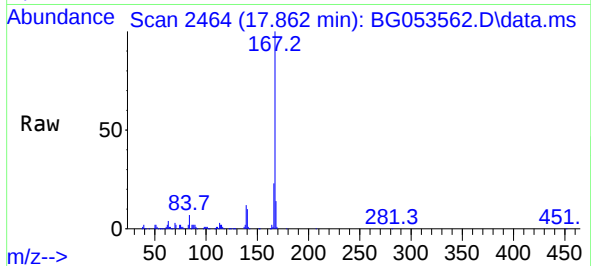
Tgt Ion:178 Resp: 472194
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 15.6 13.0 19.4





#73
 Carbazole
 Concen: 39.284 ng
 RT: 17.862 min Scan# 2465
 Delta R.T. 0.004 min
 Lab File: BG053562.D
 Acq: 16 May 2022 11:33

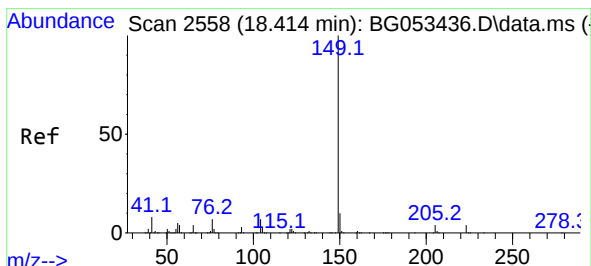
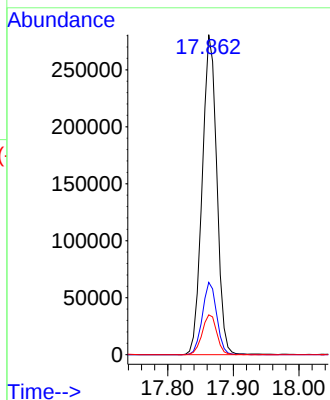
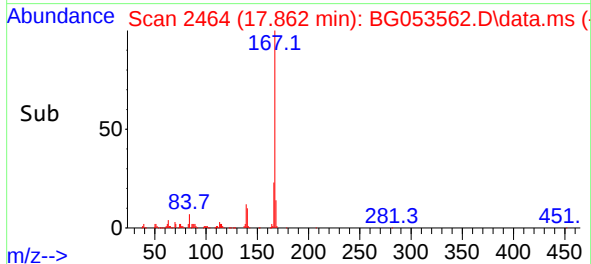
Instrument :
 BNA_G
 ClientSampleId :
 PB144792BS



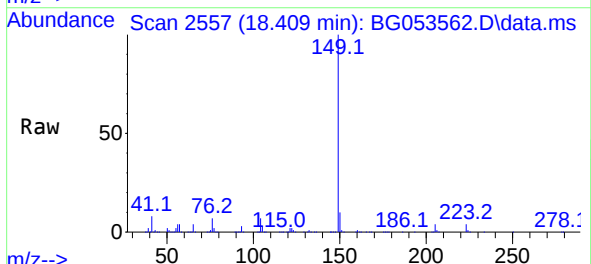
Tgt Ion:167 Resp: 43488
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.5 10.1 15.1

Manual Integrations
 APPROVED

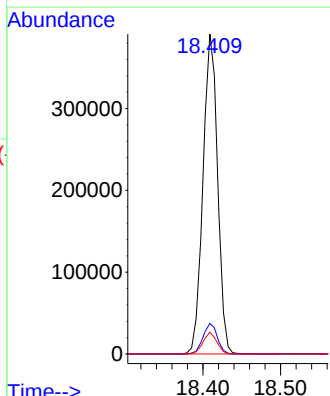
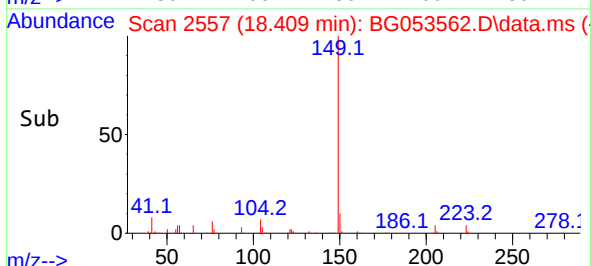
Reviewed By :Christian Giraldo 05/17/2022
 Supervised By :Jagrut Upadhyay 05/17/2022

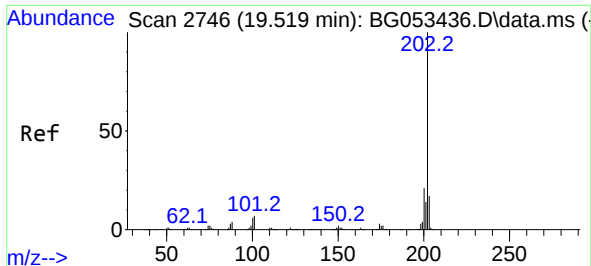


#74
 Di-n-butylphthalate
 Concen: 41.013 ng
 RT: 18.409 min Scan# 2557
 Delta R.T. 0.004 min
 Lab File: BG053562.D
 Acq: 16 May 2022 11:33



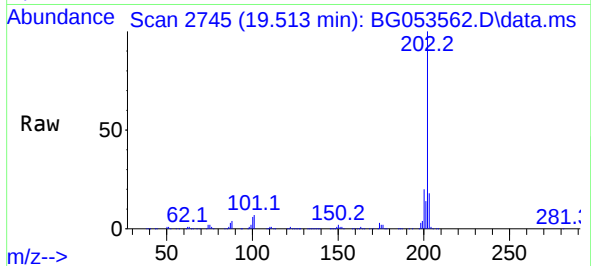
Tgt Ion:149 Resp: 510623
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.8 5.4 8.0





#75
Fluoranthene
Concen: 39.655 ng
RT: 19.513 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

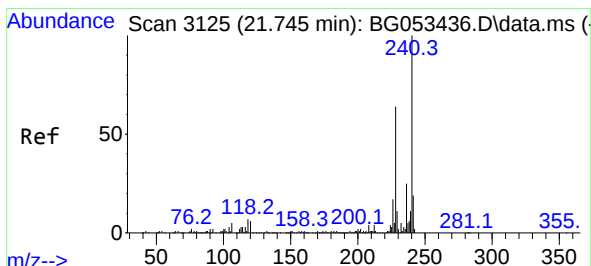
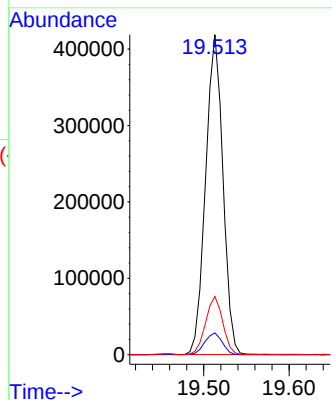
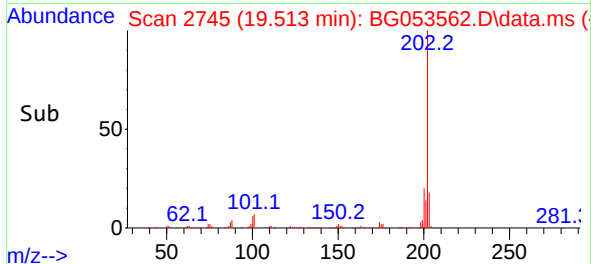
Instrument :
BNA_G
ClientSampleId :
PB144792BS



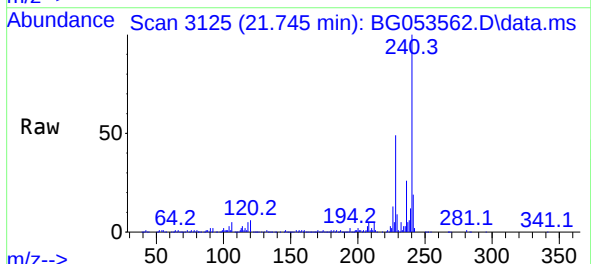
Tgt Ion:202 Resp: 590048
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 18.2 0.0 37.2

Manual Integrations
APPROVED

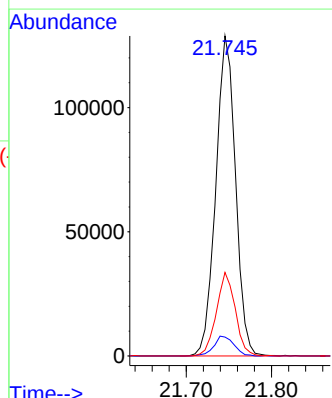
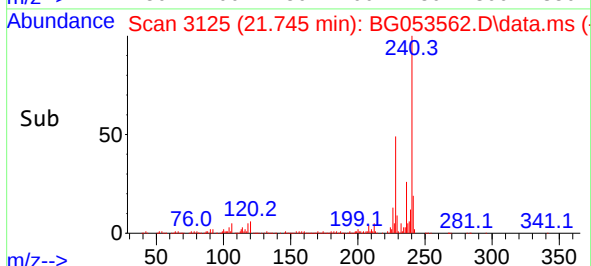
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

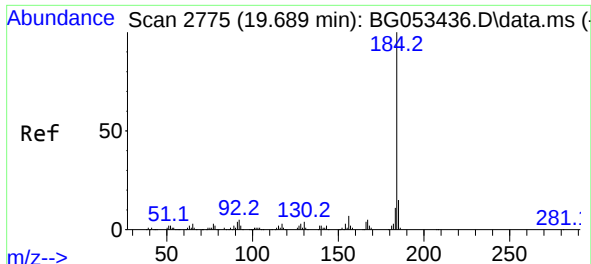


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.745 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:240 Resp: 206784
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 26.1 20.2 30.4





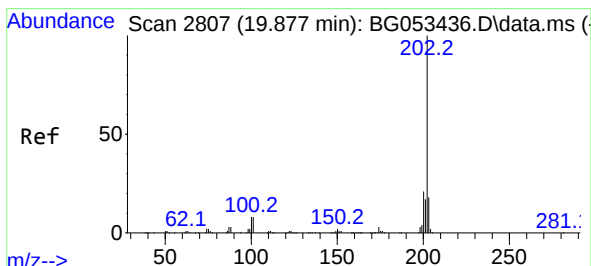
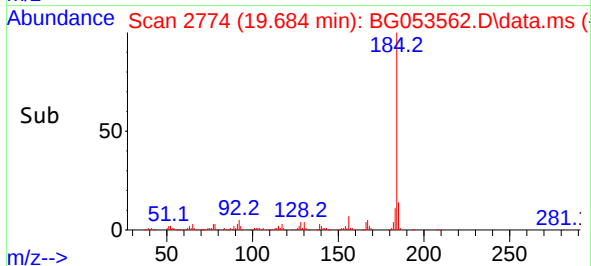
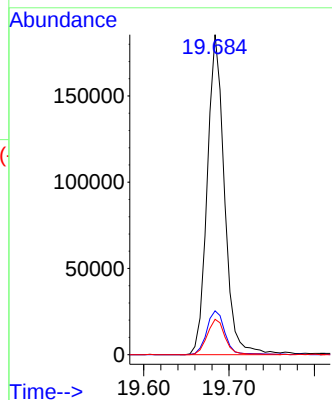
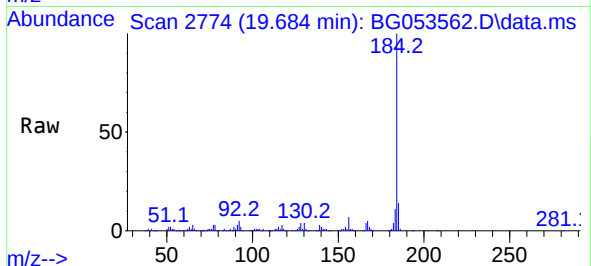
#77
Benzidine
Concen: 58.487 ng
RT: 19.684 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB144792BS

Tgt Ion:184 Resp: 26067
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 11.0 8.9 13.3

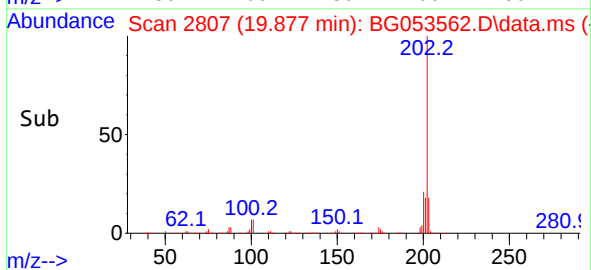
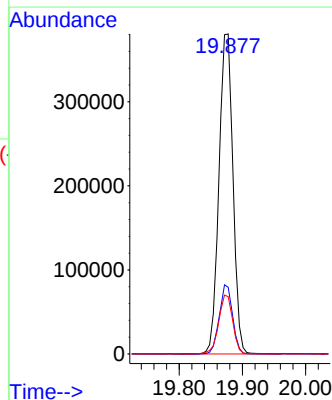
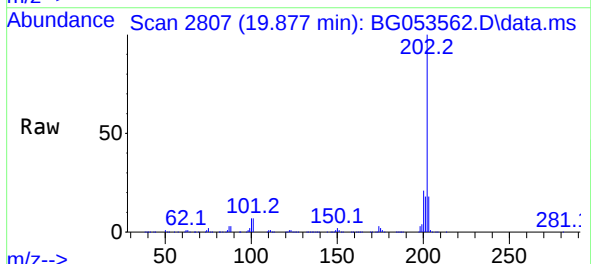
Manual Integrations
APPROVED

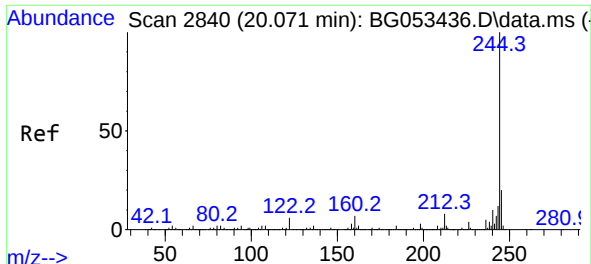
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#78
Pyrene
Concen: 43.848 ng
RT: 19.877 min Scan# 2807
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Tgt Ion:202 Resp: 586961
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.9 14.6 21.8





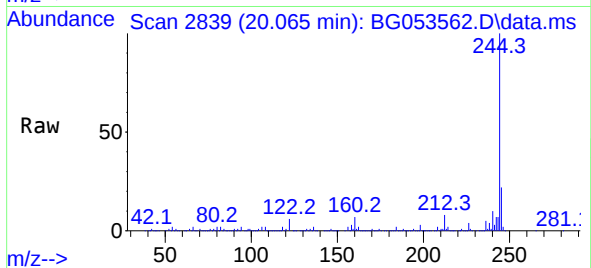
#79
 Terphenyl-d14
 Concen: 87.755 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053562.D
 Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB144792BS

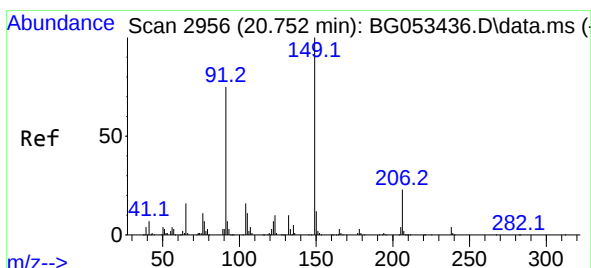
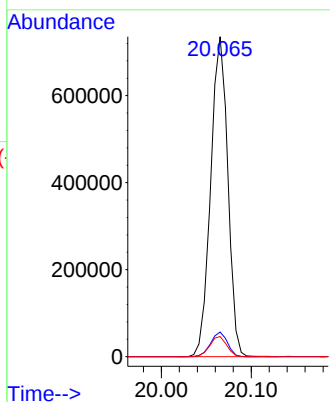
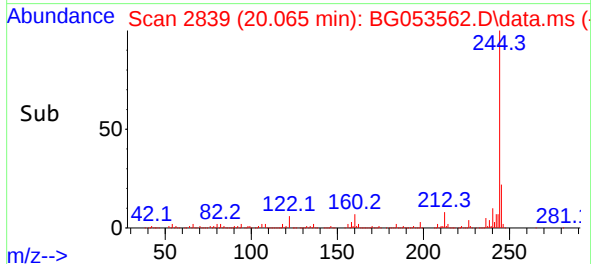


Tgt Ion:244 Resp: 974312
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.3 5.0 7.4

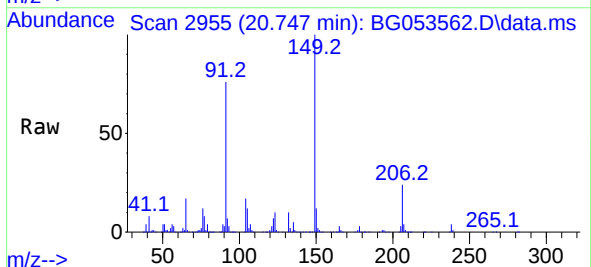
Manual Integrations

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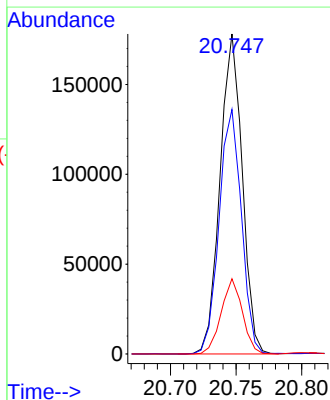
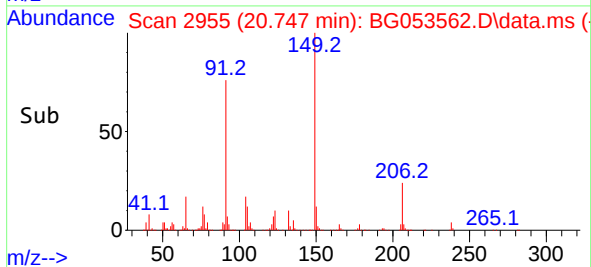
Reviewed By :Christian Giraldo 05/17/2022
 Supervised By :Jagrut Upadhyay 05/17/2022

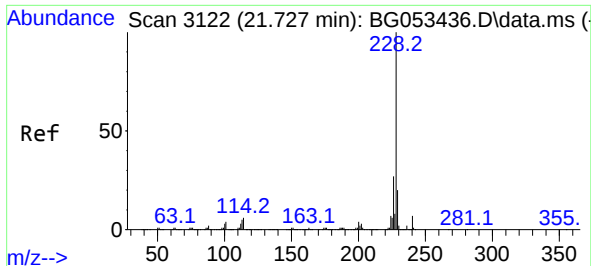


#80
 Butylbenzylphthalate
 Concen: 42.544 ng
 RT: 20.747 min Scan# 2955
 Delta R.T. 0.004 min
 Lab File: BG053562.D
 Acq: 16 May 2022 11:33



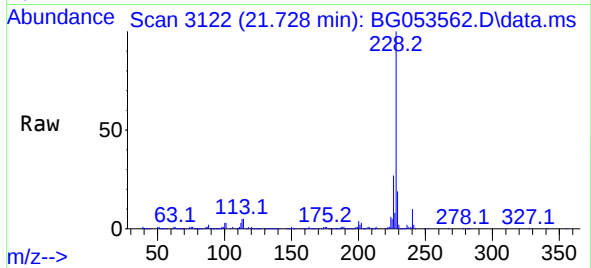
Tgt Ion:149 Resp: 208834
 Ion Ratio Lower Upper
 149 100
 91 76.4 59.6 89.4
 206 23.5 18.6 28.0





#81
Benzo(a)anthracene
Concen: 41.599 ng
RT: 21.728 min Scan# 3122
Delta R.T. 0.010 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

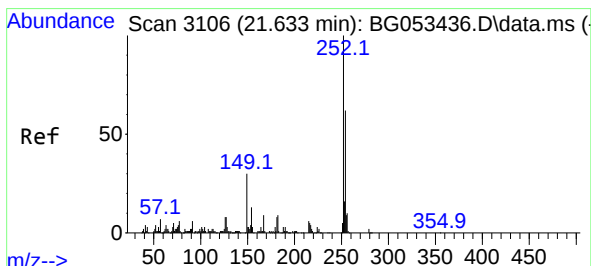
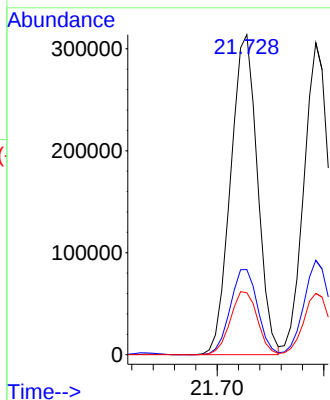
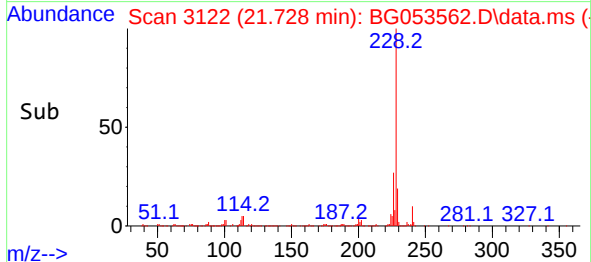
Instrument :
BNA_G
ClientSampleId :
PB144792BS



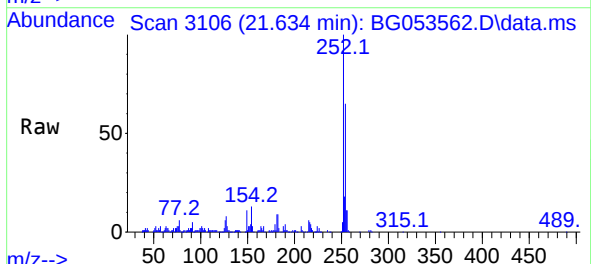
Tgt Ion:228 Resp: 548650
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.4 16.2 24.2

Manual Integrations
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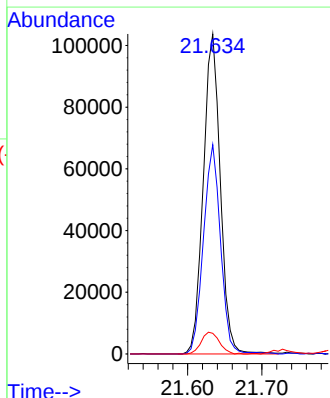
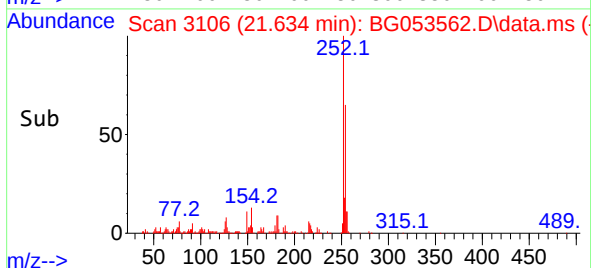
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

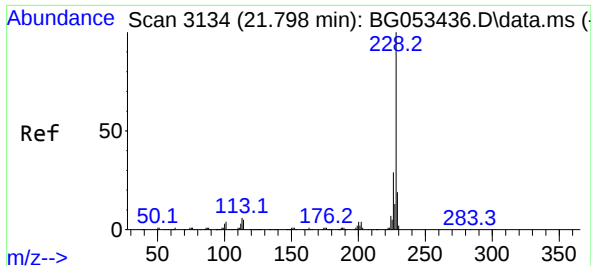


#82
3,3'-Dichlorobenzidine
Concen: 49.445 ng
RT: 21.634 min Scan# 3106
Delta R.T. 0.010 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



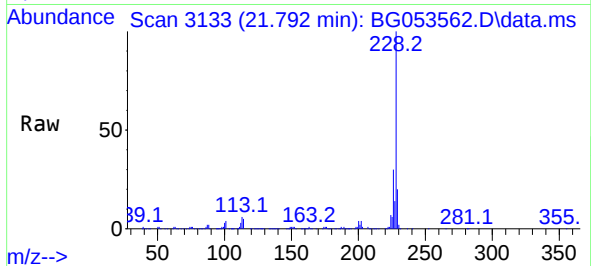
Tgt Ion:252 Resp: 165373
Ion Ratio Lower Upper
252 100
254 65.4 49.8 74.8
126 6.5 6.0 9.0





#83
Chrysene
Concen: 40.756 ng
RT: 21.792 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

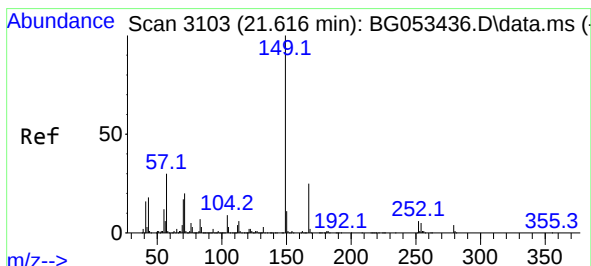
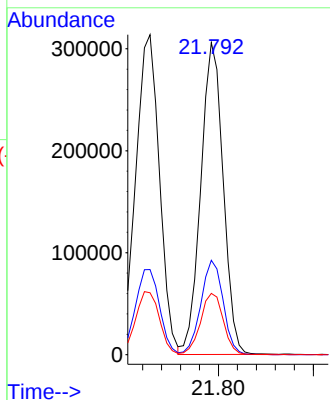
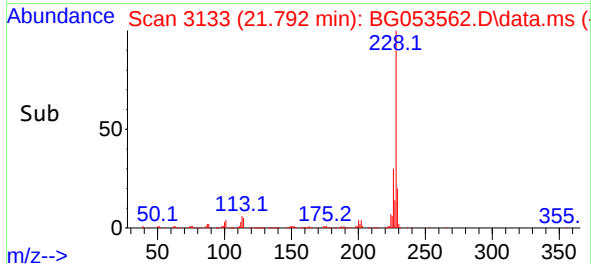
Instrument :
BNA_G
ClientSampleId :
PB144792BS



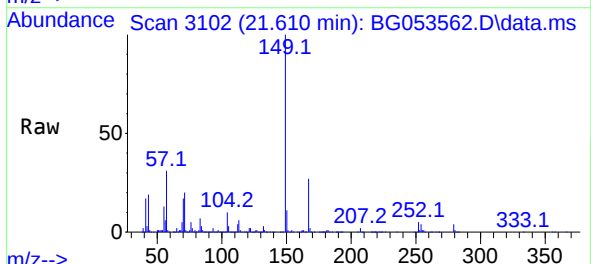
Tgt Ion:228 Resp: 502039
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 19.6 15.5 23.3

Manual Integrations
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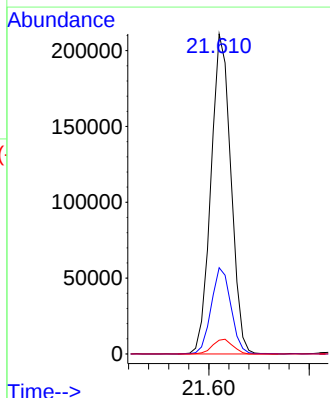
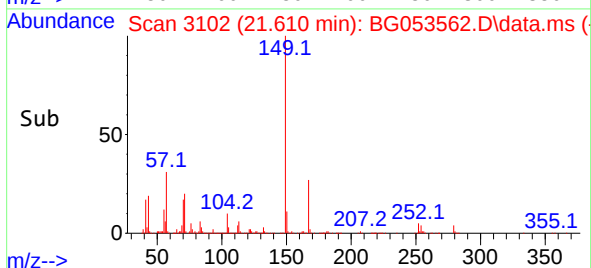
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

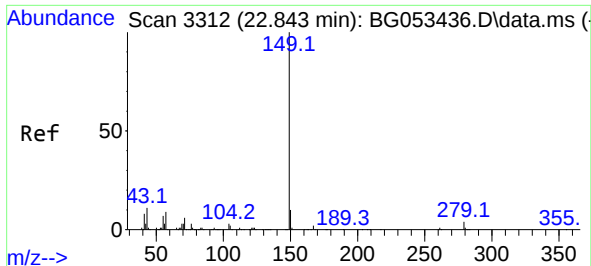


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.936 ng
RT: 21.610 min Scan# 3102
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



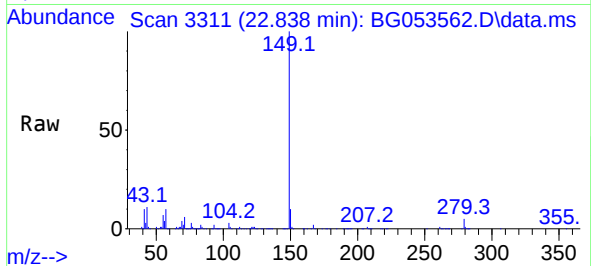
Tgt Ion:149 Resp: 290897
Ion Ratio Lower Upper
149 100
167 26.9 20.2 30.4
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 42.988 ng
RT: 22.838 min Scan# 3111
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

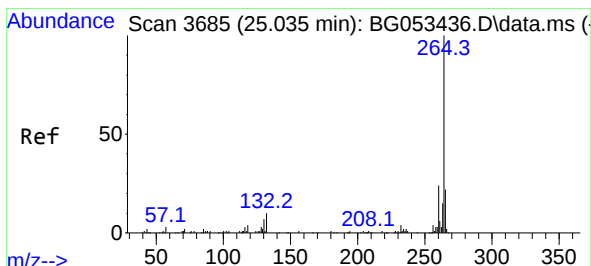
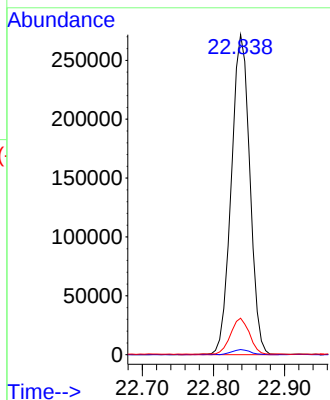
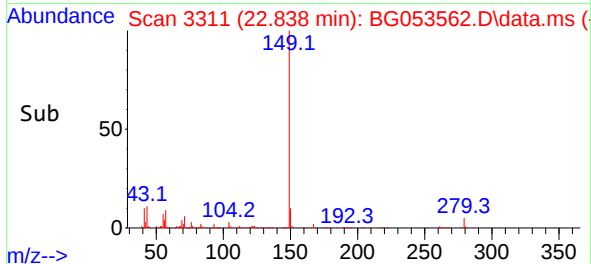
Instrument :
BNA_G
ClientSampleId :
PB144792BS



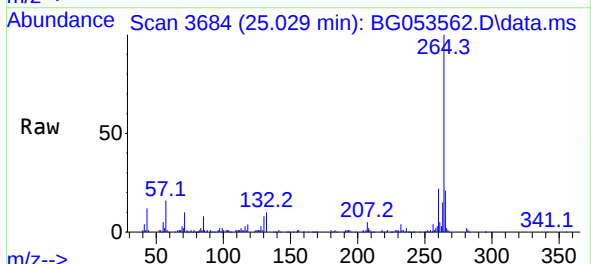
Tgt Ion:149 Resp: 492492
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 9.0 13.4

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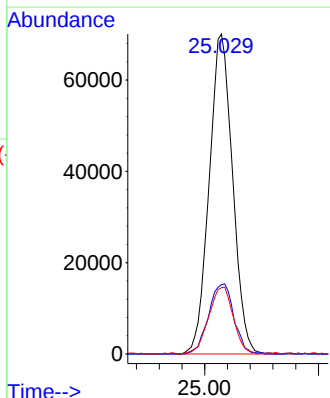
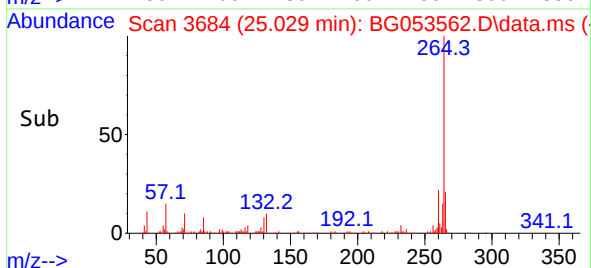
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

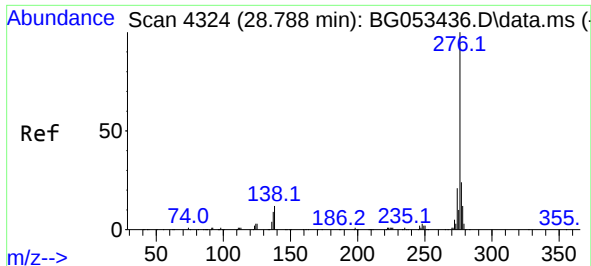


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.029 min Scan# 3684
Delta R.T. 0.010 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



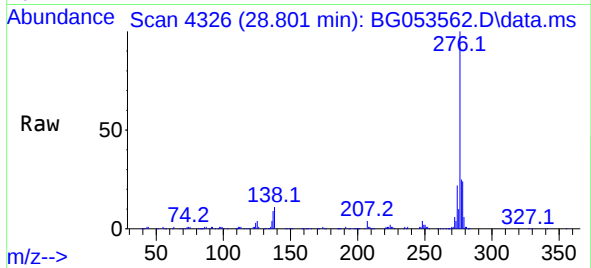
Tgt Ion:264 Resp: 200244
Ion Ratio Lower Upper
264 100
260 21.7 19.0 28.6
265 20.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.650 ng
RT: 28.801 min Scan# 41
Delta R.T. 0.022 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

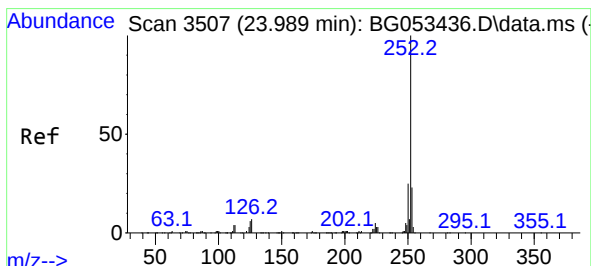
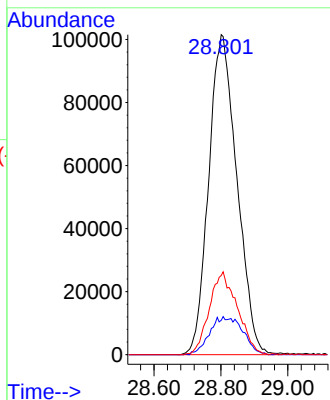
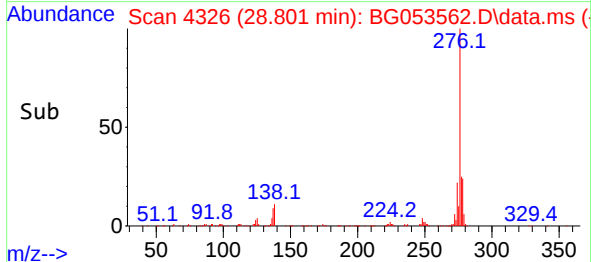
Instrument :
BNA_G
ClientSampleId :
PB144792BS



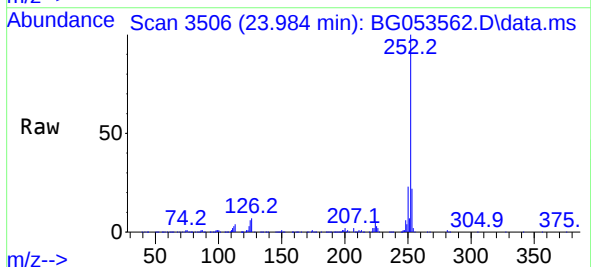
Tgt Ion:276 Resp: 59482
Ion Ratio Lower Upper
276 100
138 4.7 5.0 7.4
277 25.7 20.3 30.5

Manual Integrations
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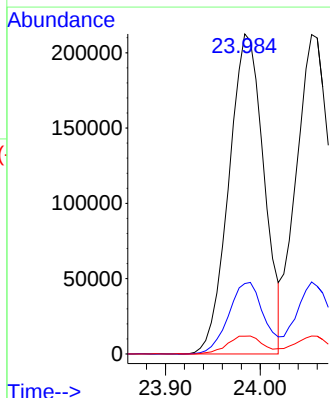
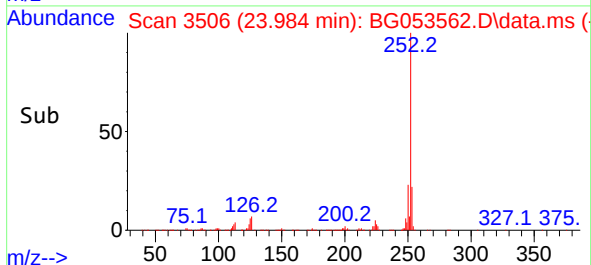
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

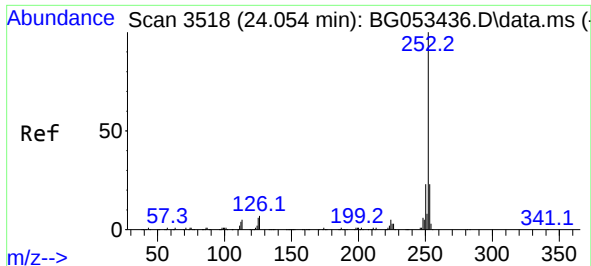


#88
Benzo(b)fluoranthene
Concen: 46.122 ng
RT: 23.984 min Scan# 3506
Delta R.T. 0.004 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:252 Resp: 546673
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 5.6 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 45.135 ng
RT: 24.054 min Scan# 3518
Delta R.T. 0.010 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

Instrument :

BNA_G

ClientSampleId :

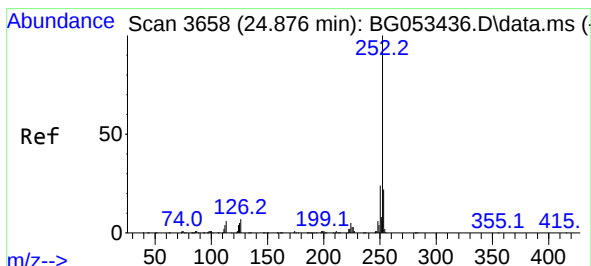
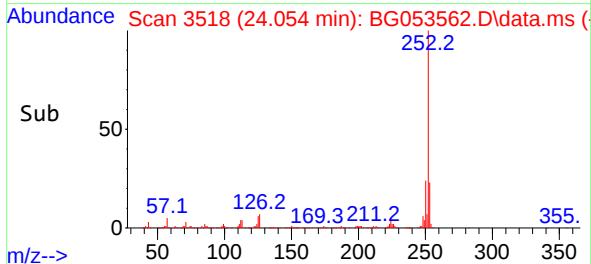
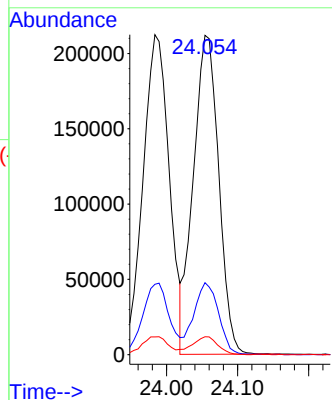
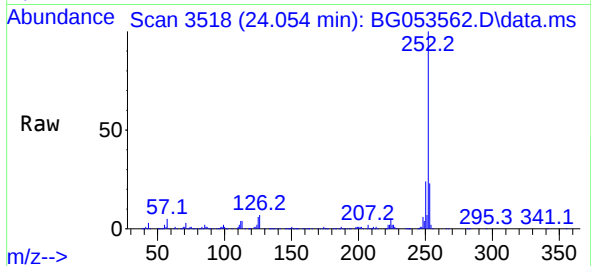
PB144792BS

Tgt Ion:252 Resp: 525700
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.6 4.8 7.2

Manual Integrations

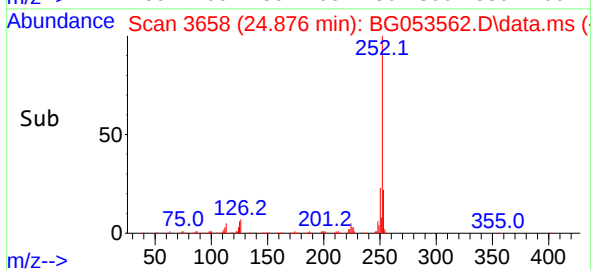
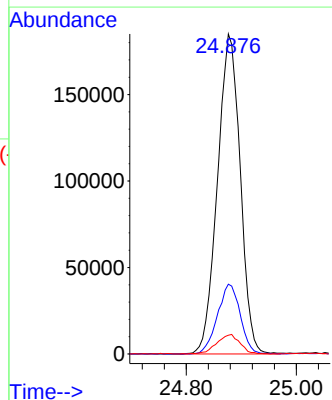
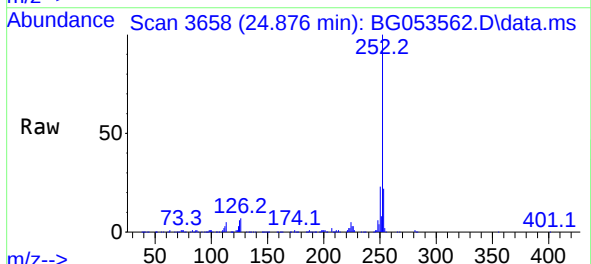
APPROVED

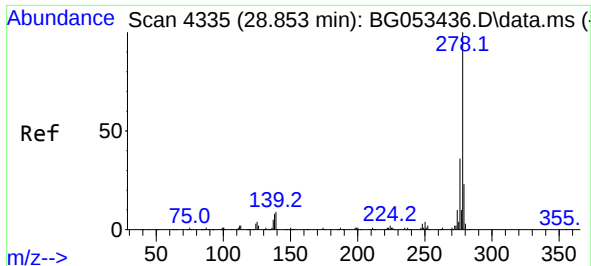
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#90
Benzo(a)pyrene
Concen: 52.638 ng
RT: 24.876 min Scan# 3658
Delta R.T. 0.010 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

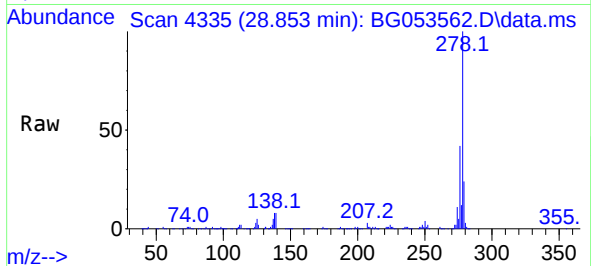
Tgt Ion:252 Resp: 531040
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 45.106 ng
RT: 28.853 min Scan# 41
Delta R.T. 0.016 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33

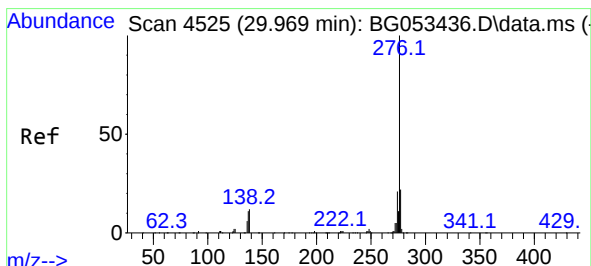
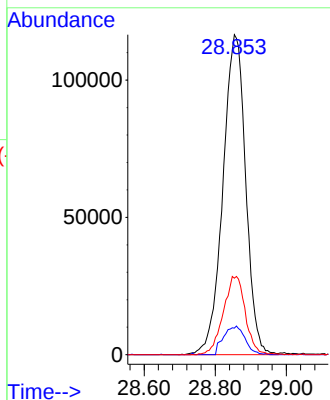
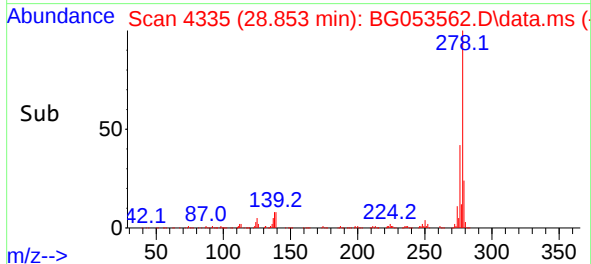
Instrument :
BNA_G
ClientSampleId :
PB144792BS



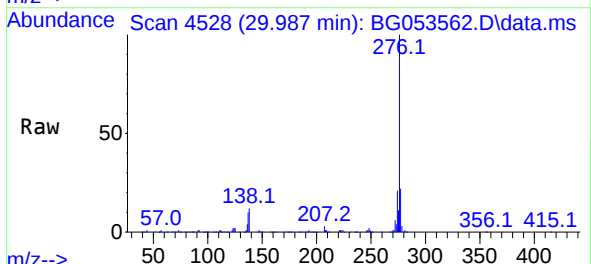
Tgt Ion:278 Resp: 518352
Ion Ratio Lower Upper
278 100
139 8.3 7.2 10.8
279 23.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#92
Benzo(g,h,i)perylene
Concen: 45.275 ng
RT: 29.987 min Scan# 4528
Delta R.T. 0.033 min
Lab File: BG053562.D
Acq: 16 May 2022 11:33



Tgt Ion:276 Resp: 515735
Ion Ratio Lower Upper
276 100
277 22.2 17.3 25.9
138 11.8 9.6 14.4

