

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053600.D
 Acq On : 18 May 2022 11:36
 Operator : CG/JU
 Sample : PB144891BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144891BSD

Manual Integrations
 APPROVED

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

Quant Time: May 18 14:04:09 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	8.082	152	21526	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	98658	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	81375	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	204147	20.000	ng	0.00
76) Chrysene-d12	21.734	240	194393	20.000	ng	0.00
86) Perylene-d12	25.018	264	192947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	176518	139.169	ng	0.00
7) Phenol-d6	7.248	99	267126	138.770	ng	0.00
23) Nitrobenzene-d5	9.245	82	187675	80.977	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	156648	130.520	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	444529	79.826	ng	0.00
79) Terphenyl-d14	20.054	244	898800	86.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	20108	30.215	ng	95
3) Pyridine	3.923	79	41205	25.353	ng	94
4) n-Nitrosodimethylamine	3.835	42	36197	45.720	ng	96
6) Aniline	7.400	93	96646	45.331	ng	99
8) 2-Chlorophenol	7.647	128	68566	51.710	ng	96
9) Benzaldehyde	7.212	77	38484	31.470	ng	93
10) Phenol	7.277	94	98939	52.553	ng	98
11) bis(2-Chloroethyl)ether	7.494	93	66212	47.156	ng	97
12) 1,3-Dichlorobenzene	7.970	146	65840	42.090	ng	94
13) 1,4-Dichlorobenzene	8.117	146	69253	43.873	ng	98
14) 1,2-Dichlorobenzene	8.434	146	68378	46.130	ng	96
15) Benzyl Alcohol	8.317	79	73724	45.810	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.611	45	107306	46.956	ng	96
17) 2-Methylphenol	8.528	107	66115	51.958	ng	97
18) Hexachloroethane	9.163	117	25926	43.251	ng	99
19) n-Nitroso-di-n-propyla...	8.881	70	66503	48.151	ng	99
20) 3+4-Methylphenols	8.851	107	92517	51.480	ng	98
22) Acetophenone	8.904	105	114381	42.361	ng	99
24) Nitrobenzene	9.286	77	100998	45.025	ng	98
25) Isophorone	9.809	82	178009	45.638	ng	100
26) 2-Nitrophenol	10.003	139	41514	45.694	ng	96
27) 2,4-Dimethylphenol	10.062	122	72097	52.730	ng	92
28) bis(2-Chloroethoxy)met...	10.285	93	97884	43.634	ng	99
29) 2,4-Dichlorophenol	10.543	162	80854	48.997	ng	91
30) 1,2,4-Trichlorobenzene	10.755	180	80353	42.857	ng	99
31) Naphthalene	10.943	128	221401	44.117	ng	99
32) Benzoic acid	10.226	122	28461m	35.899	ng	
33) 4-Chloroaniline	11.054	127	48347	23.004	ng	98
34) Hexachlorobutadiene	11.225	225	58195	41.858	ng	93
35) Caprolactam	11.824	113	29608m	49.374	ng	
36) 4-Chloro-3-methylphenol	12.176	107	97232	49.259	ng	98
37) 2-Methylnaphthalene	12.541	142	170014	45.395	ng	95
38) 1-Methylnaphthalene	12.758	142	160857m	44.022	ng	
40) 1,2,4,5-Tetrachloroben...	12.911	216	109927	42.856	ng	97
41) Hexachlorocyclopentadiene	12.887	237	91365	86.625	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	75389	45.026	ng	99

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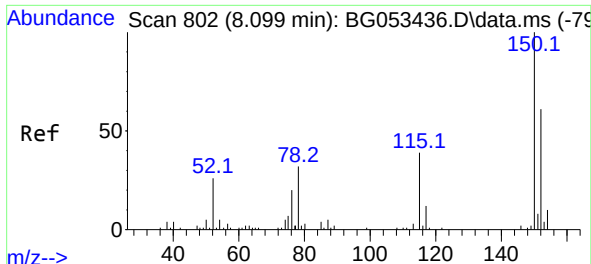
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	83953	47.112	ng	99
46) 1,1'-Biphenyl	13.539	154	244948	44.160	ng	99
47) 2-Chloronaphthalene	13.586	162	186431	42.899	ng	99
48) 2-Nitroaniline	13.786	65	76829	47.445	ng	98
49) Acenaphthylene	14.432	152	314457	45.345	ng	98
50) Dimethylphthalate	14.156	163	278861	45.096	ng	99
51) 2,6-Dinitrotoluene	14.279	165	60077	47.687	ng	99
52) Acenaphthene	14.773	154	181452	43.906	ng	98
53) 3-Nitroaniline	14.614	138	48012	35.271	ng	97
54) 2,4-Dinitrophenol	14.826	184	65632	81.909	ng	99
55) Dibenzofuran	15.108	168	319842	43.086	ng	98
56) 4-Nitrophenol	14.937	139	88559	91.086	ng	87
57) 2,4-Dinitrotoluene	15.072	165	87414	47.869	ng	90
58) Fluorene	15.754	166	267890	44.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.337	232	80324	44.426	ng	99
60) Diethylphthalate	15.513	149	295182	46.212	ng	98
61) 4-Chlorophenyl-phenyle...	15.742	204	147009	44.225	ng	98
62) 4-Nitroaniline	15.777	138	63549	45.011	ng	99
63) Azobenzene	16.036	77	291075	44.500	ng	98
65) 4,6-Dinitro-2-methylph...	15.842	198	53793	44.221	ng	92
66) n-Nitrosodiphenylamine	15.954	169	244468	45.610	ng	99
67) 4-Bromophenyl-phenylether	16.635	248	104847	43.976	ng	93
68) Hexachlorobenzene	16.764	284	119725	45.851	ng	96
69) Atrazine	16.899	200	103845	46.022	ng	98
70) Pentachlorophenol	17.111	266	113231	80.493	ng	94
71) Phenanthrene	17.499	178	465234	44.818	ng	98
72) Anthracene	17.587	178	469417	46.007	ng	99
73) Carbazole	17.857	167	422899	42.291	ng	99
74) Di-n-butylphthalate	18.403	149	489084	43.488	ng	99
75) Fluoranthene	19.508	202	587369	43.700	ng	99
77) Benzidine	19.678	184	197001	47.018	ng	99
78) Pyrene	19.866	202	584890	46.479	ng	99
80) Butylbenzylphthalate	20.741	149	214205	46.420	ng	100
81) Benzo(a)anthracene	21.716	228	552457	44.557	ng	99
82) 3,3'-Dichlorobenzidine	21.622	252	155797	49.551	ng	97
83) Chrysene	21.787	228	530567	45.817	ng	97
84) Bis(2-ethylhexyl)phtha...	21.605	149	308162	48.384	ng	100
85) Di-n-octyl phthalate	22.827	149	514757	47.795	ng	99
87) Indeno(1,2,3-cd)pyrene	28.777	276	646746	48.127	ng	# 96
88) Benzo(b)fluoranthene	23.972	252	585696	51.283	ng	100
89) Benzo(k)fluoranthene	24.043	252	544466	48.514	ng	98
90) Benzo(a)pyrene	24.865	252	553315	56.921	ng	98
91) Dibenzo(a,h)anthracene	28.824	278	549817	49.653	ng	99
92) Benzo(g,h,i)perylene	29.958	276	543267	49.495	ng	95

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



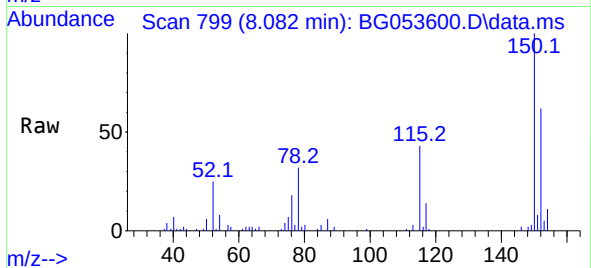
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

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PB144891BSD

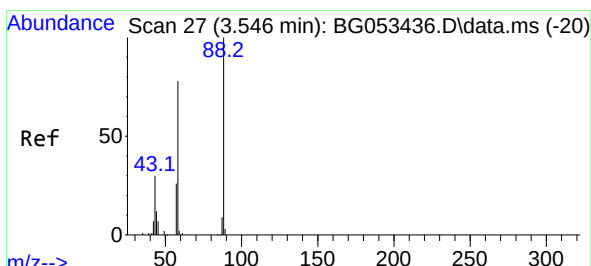
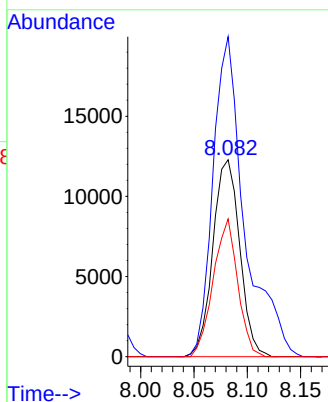
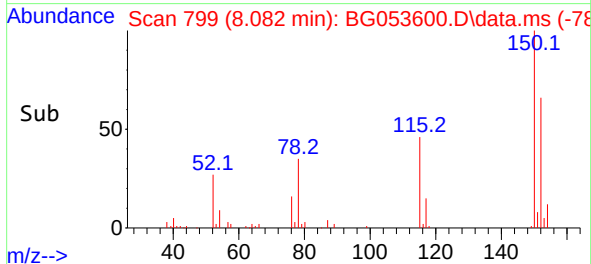


Tgt Ion:152 Resp: 21520
Ion Ratio Lower Upper
152 100
150 162.5 131.6 197.4
115 70.0 50.9 76.3

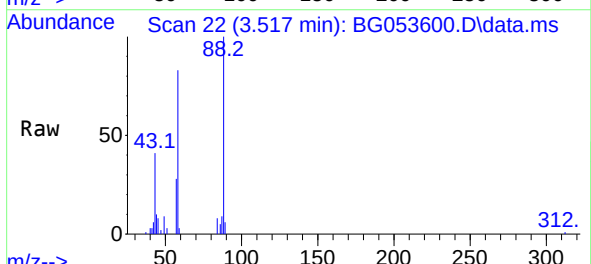
Manual Integrations

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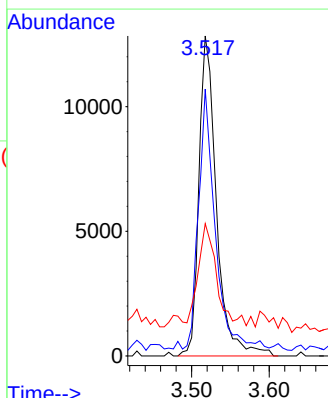
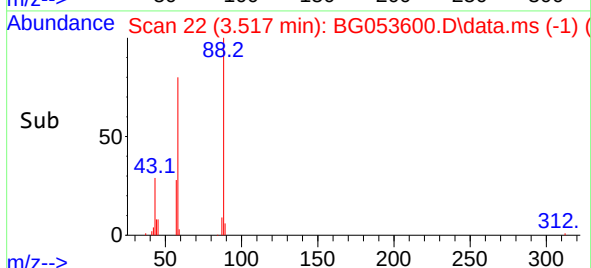
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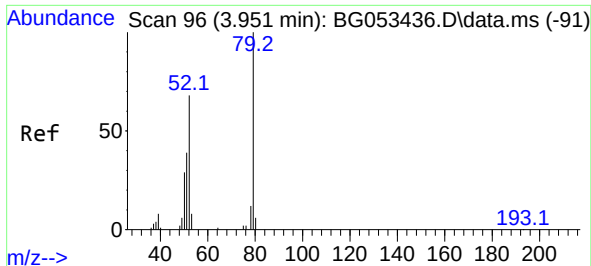


#2
1,4-Dioxane
Concen: 30.215 ng
RT: 3.517 min Scan# 22
Delta R.T. -0.019 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion: 88 Resp: 20108
Ion Ratio Lower Upper
88 100
58 77.5 59.2 88.8
43 33.7 24.3 36.5





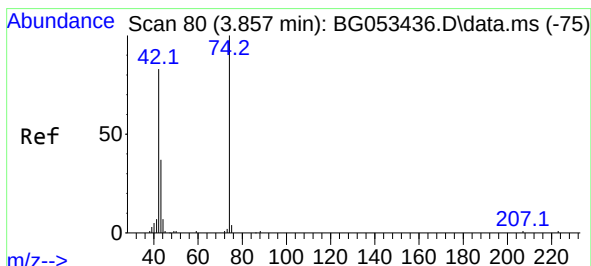
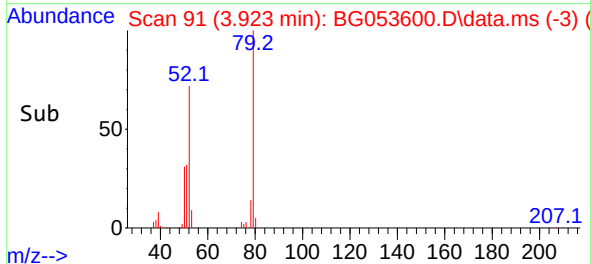
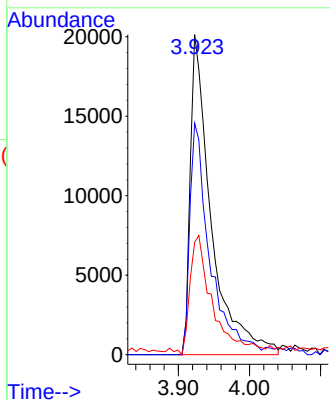
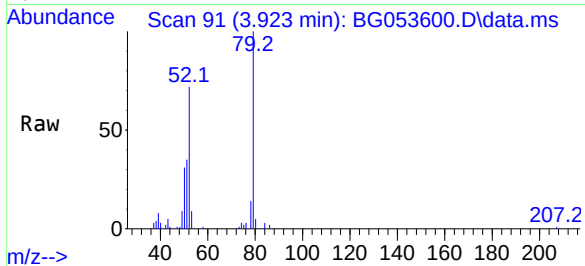
#3
Pyridine
Concen: 25.353 ng
RT: 3.923 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion: 79 Resp: 4120
Ion Ratio Lower Upper
79 100
52 72.3 54.6 81.8
51 35.1 32.5 48.7

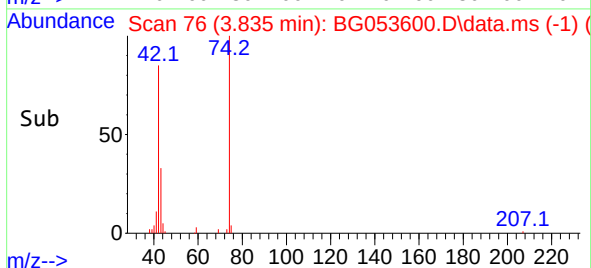
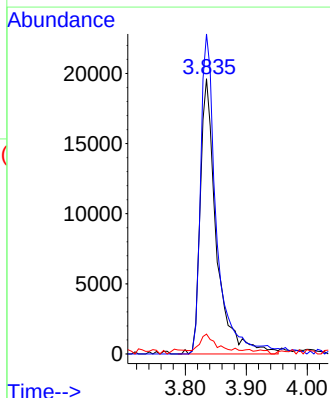
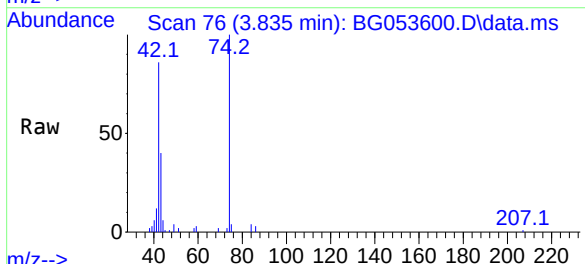
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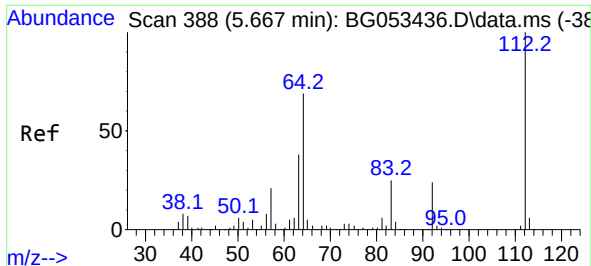
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#4
n-Nitrosodimethylamine
Concen: 45.720 ng
RT: 3.835 min Scan# 76
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion: 42 Resp: 36197
Ion Ratio Lower Upper
42 100
74 116.3 97.0 145.4
44 7.2 7.0 10.4





#5
2-Fluorophenol
Concen: 139.169 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

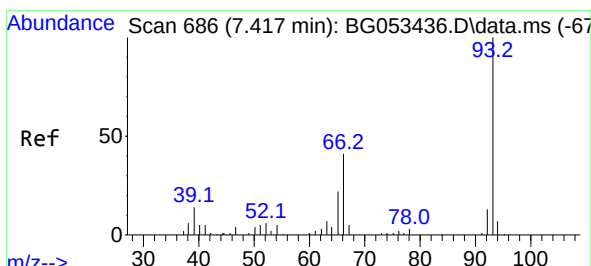
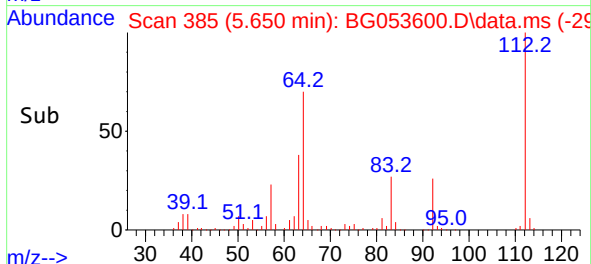
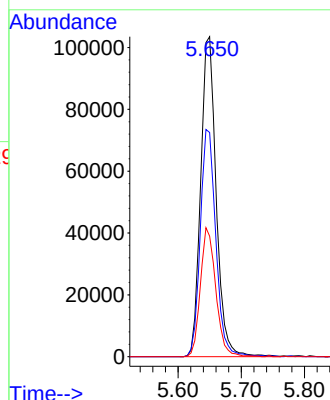
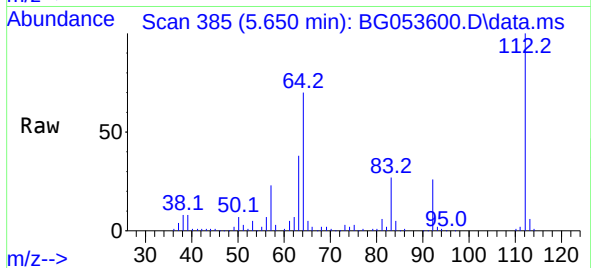
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Tgt Ion:112 Resp: 176518
Ion Ratio Lower Upper
112 100
64 70.0 55.1 82.7
63 37.6 30.4 45.6

Manual Integrations

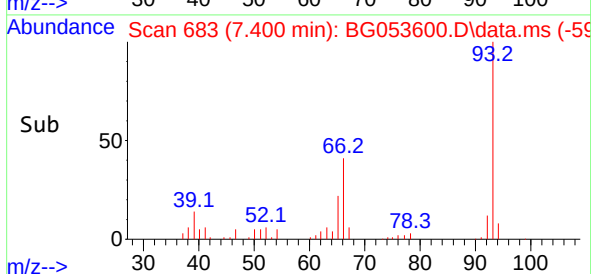
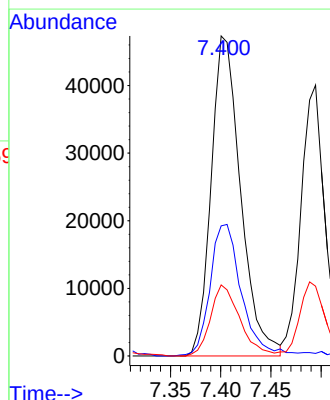
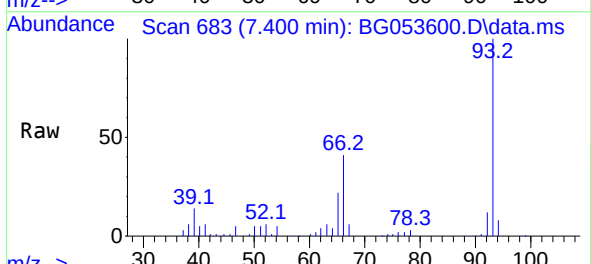
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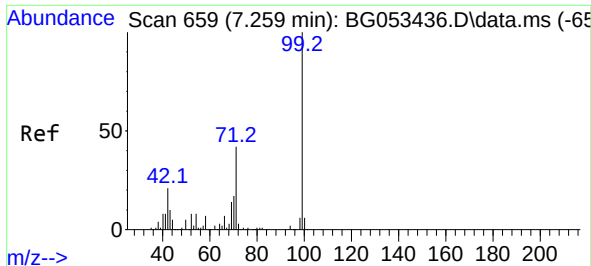
Reviewed By :Christian Giraldo 05/19/2022
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#6
Aniline
Concen: 45.331 ng
RT: 7.400 min Scan# 683
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

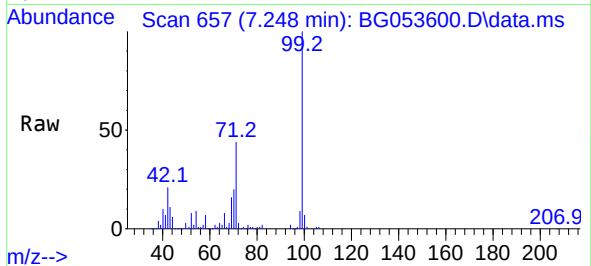
Tgt Ion: 93 Resp: 96646
Ion Ratio Lower Upper
93 100
66 40.7 32.9 49.3
65 22.2 17.8 26.8





#7
Phenol-d6
Concen: 138.770 ng
RT: 7.248 min Scan# 610
Delta R.T. -0.002 min
Lab File: BG053600.D
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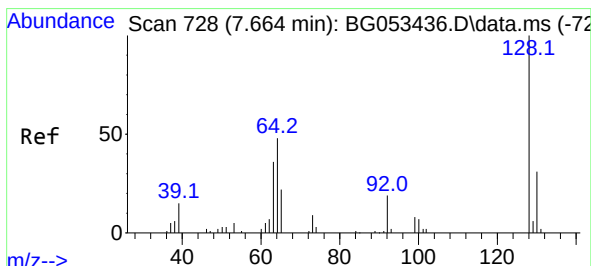
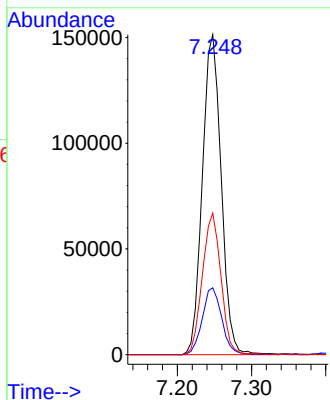
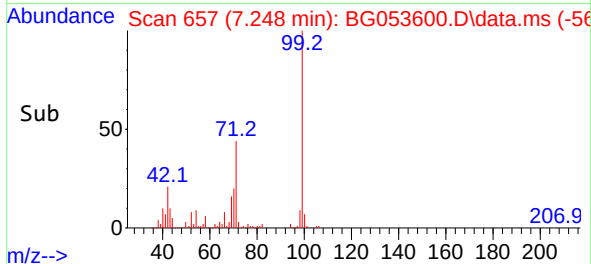
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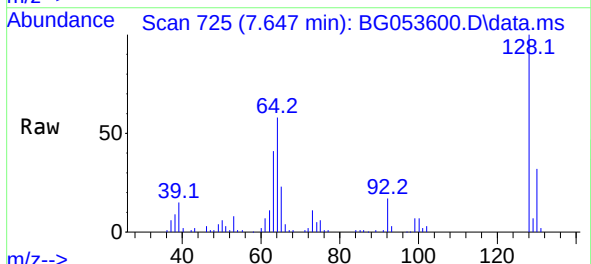
Tgt Ion: 99 Resp: 267120
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.3 33.8 50.8

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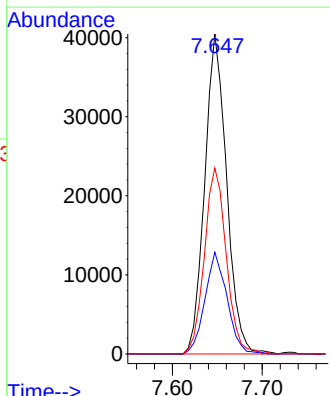
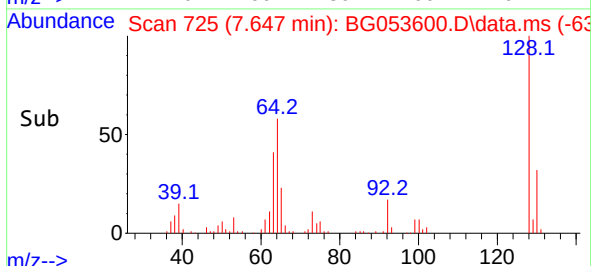
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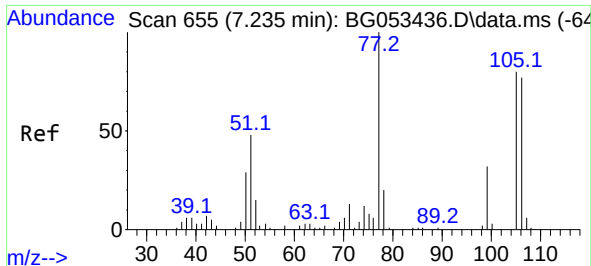


#8
2-Chlorophenol
Concen: 51.710 ng
RT: 7.647 min Scan# 725
Delta R.T. -0.008 min
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Tgt Ion:128 Resp: 68566
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 58.2 35.1 75.1





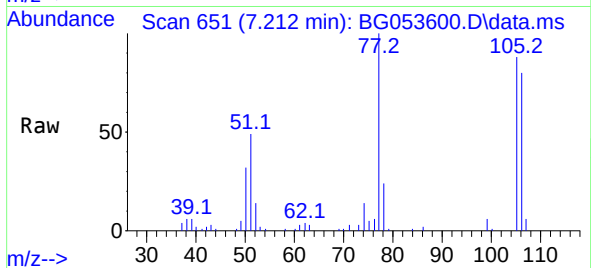
#9
Benzaldehyde
Concen: 31.470 ng
RT: 7.212 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

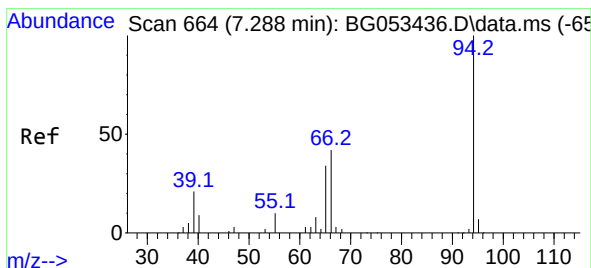
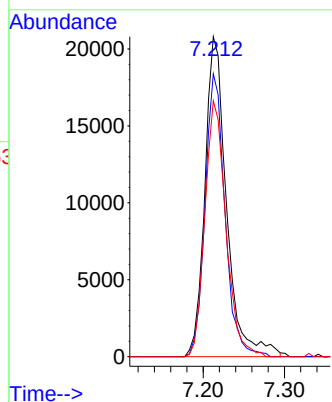


Tgt Ion: 77 Resp: 38484
Ion Ratio Lower Upper
77 100
105 88.4 59.6 99.6
106 80.0 56.8 96.8

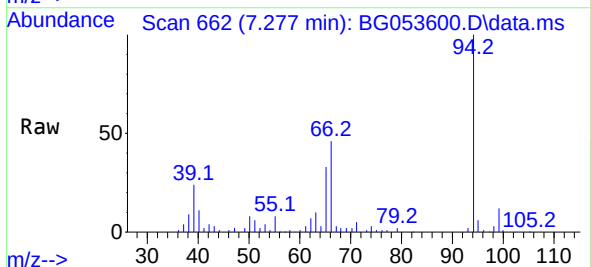
Manual Integrations

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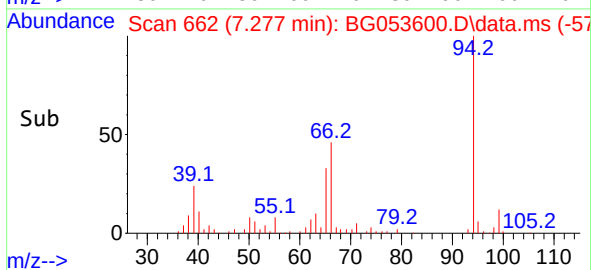
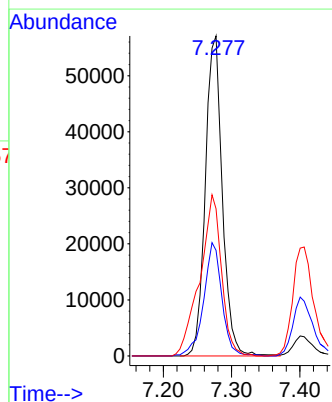
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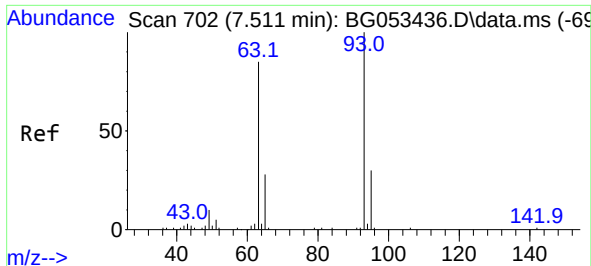


#10
Phenol
Concen: 52.553 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



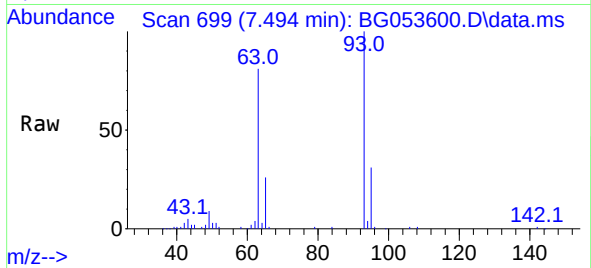
Tgt Ion: 94 Resp: 98939
Ion Ratio Lower Upper
94 100
65 33.0 14.8 54.8
66 46.0 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 47.156 ng
RT: 7.494 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

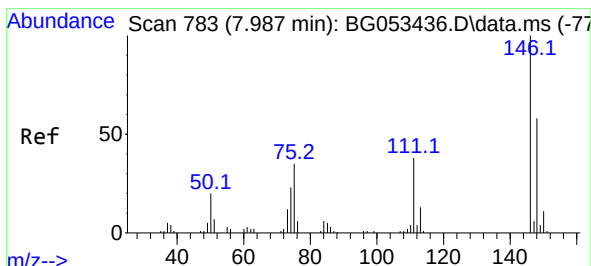
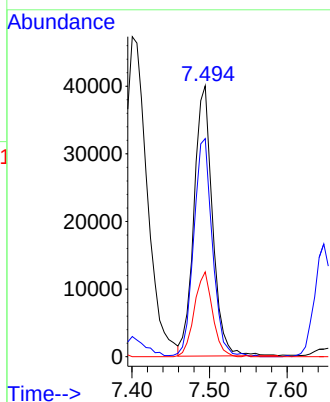
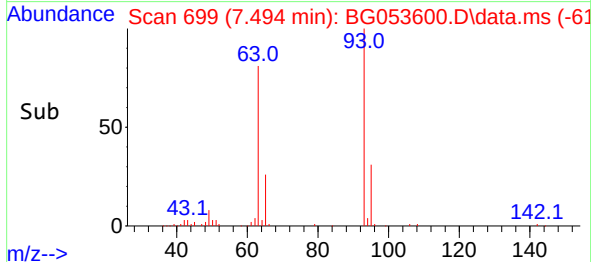
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



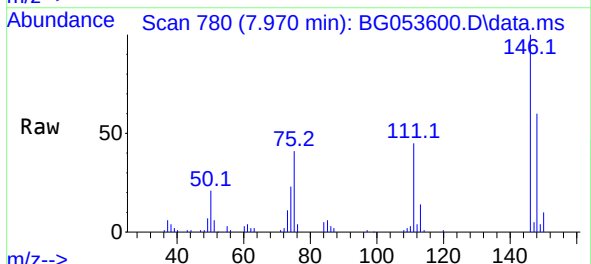
Tgt Ion: 93 Resp: 6621
Ion Ratio Lower Upper
93 100
63 80.5 63.6 103.6
95 31.3 10.1 50.1

Manual Integrations
APPROVED

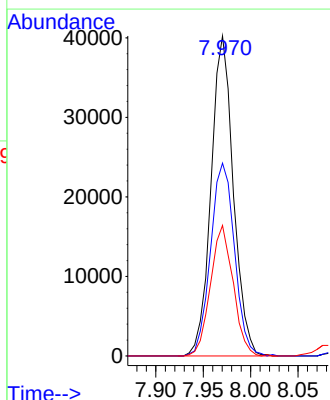
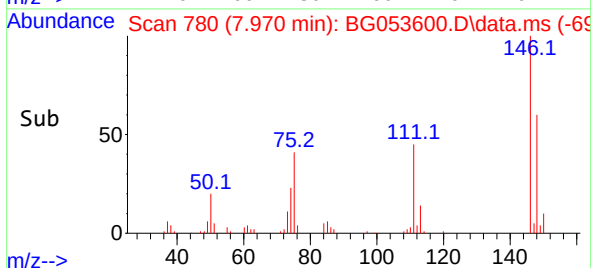
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

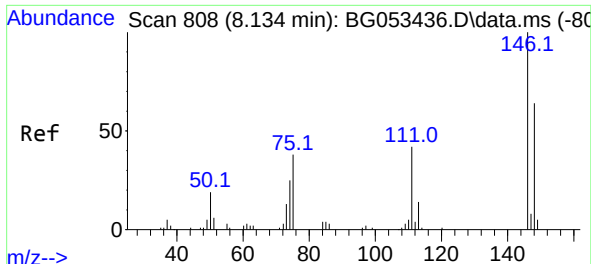


#12
1,3-Dichlorobenzene
Concen: 42.090 ng
RT: 7.970 min Scan# 780
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



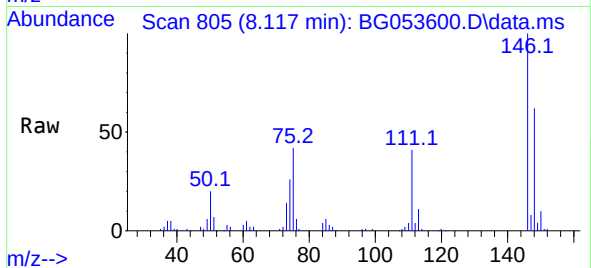
Tgt Ion:146 Resp: 65840
Ion Ratio Lower Upper
146 100
148 60.2 46.1 69.1
75 40.8 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 43.873 ng
RT: 8.117 min Scan# 808
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

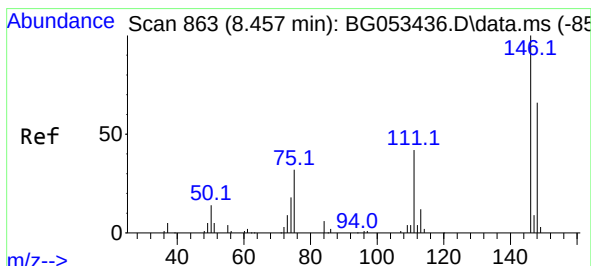
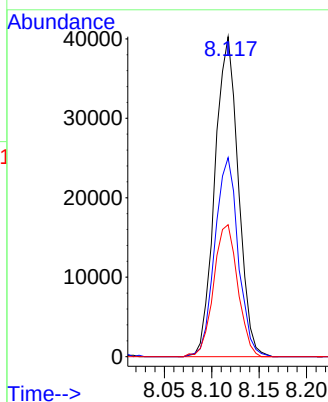
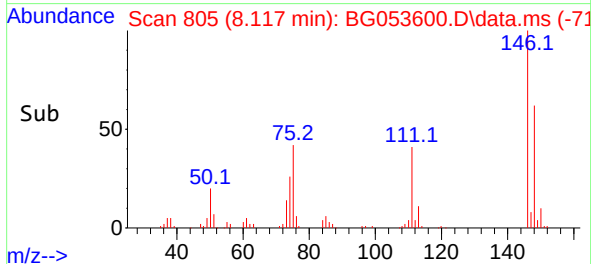
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



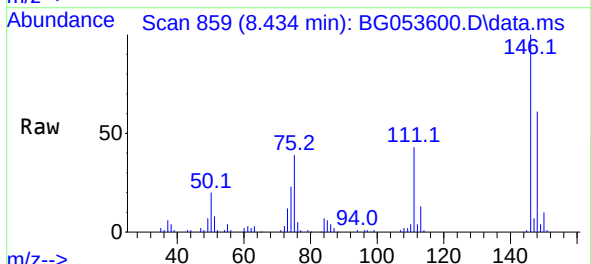
Tgt Ion:146 Resp: 6925
Ion Ratio Lower Upper
146 100
148 62.2 51.5 77.3
111 41.2 33.9 50.9

Manual Integrations
APPROVED

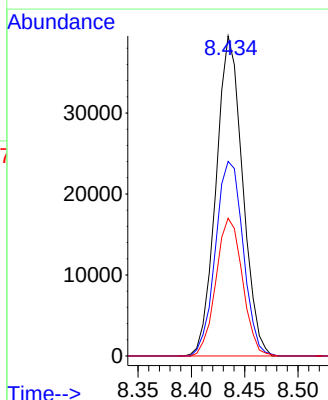
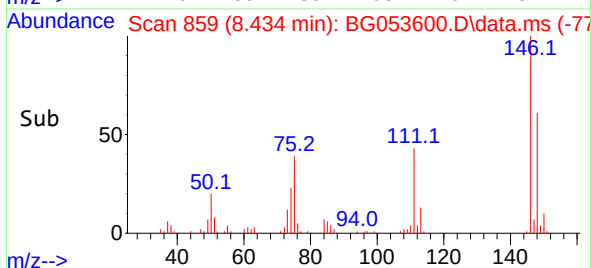
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

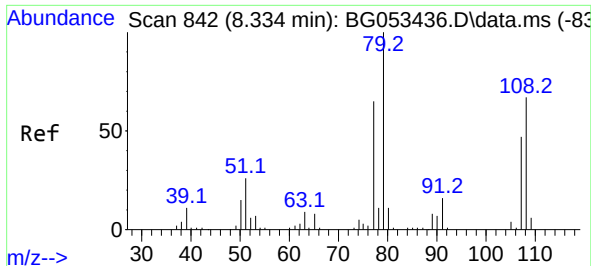


#14
1,2-Dichlorobenzene
Concen: 46.130 ng
RT: 8.434 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:146 Resp: 68378
Ion Ratio Lower Upper
146 100
148 60.8 52.6 78.8
111 43.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 45.810 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

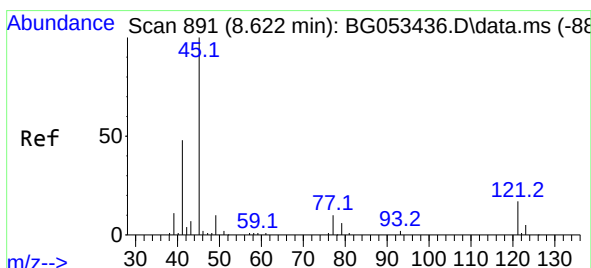
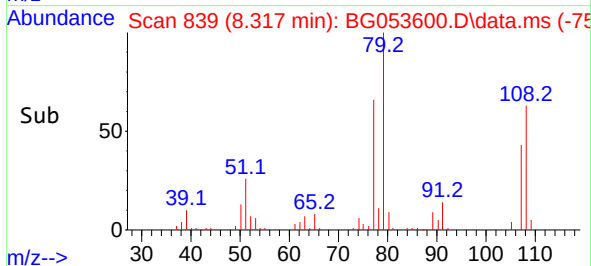
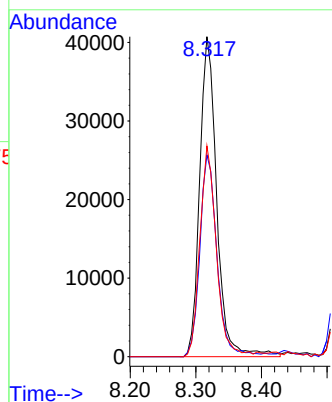
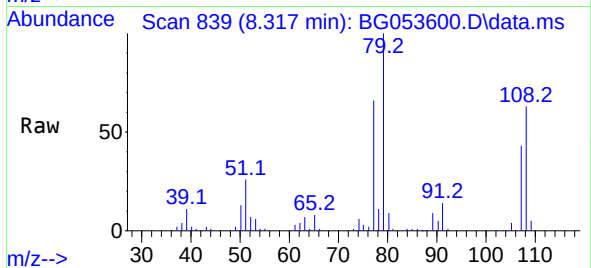
PB144891BSD

Tgt Ion: 79 Resp: 73724
Ion Ratio Lower Upper
79 100
108 63.1 53.7 80.5
77 65.9 52.2 78.4

Manual Integrations

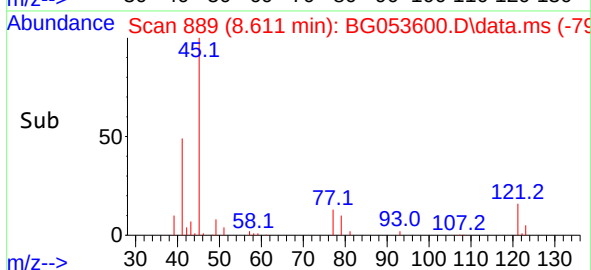
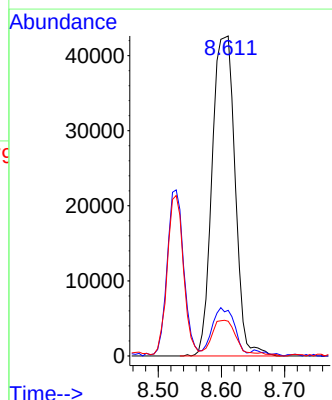
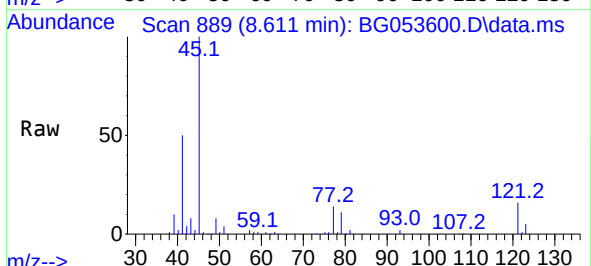
APPROVED

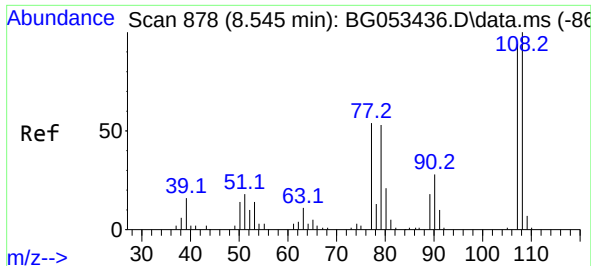
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.956 ng
RT: 8.611 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion: 45 Resp: 107306
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.7
79 10.9 0.0 29.7





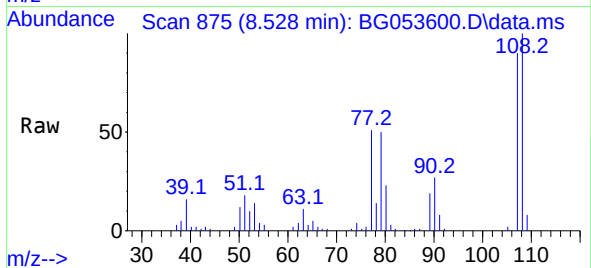
#17
2-Methylphenol
Concen: 51.958 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

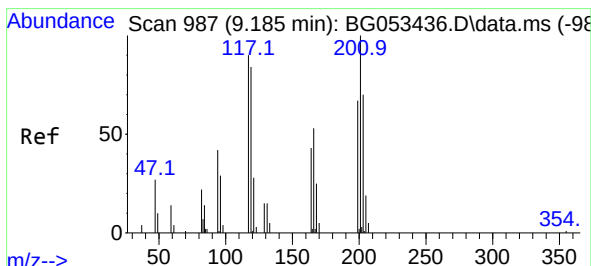
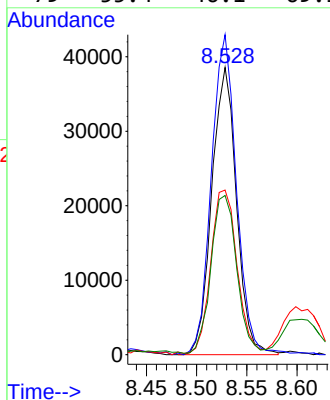
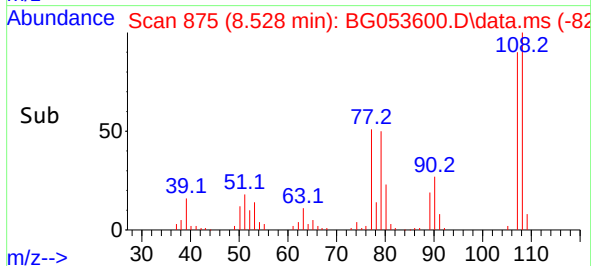


Tgt Ion:107 Resp: 6611
Ion Ratio Lower Upper
107 100
108 111.4 85.4 128.0
77 57.3 46.2 69.2
79 55.4 46.1 69.2

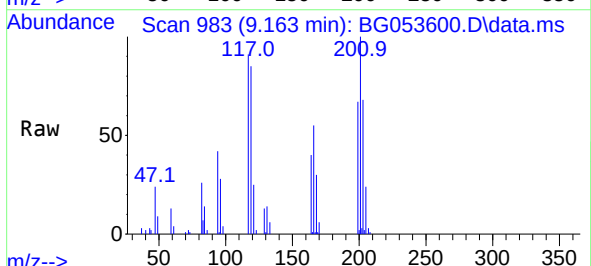
Manual Integrations

APPROVED

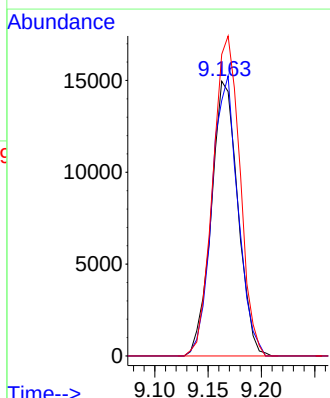
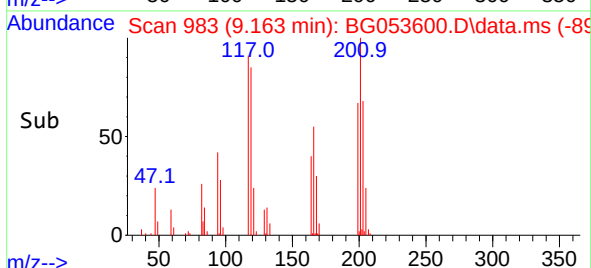
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

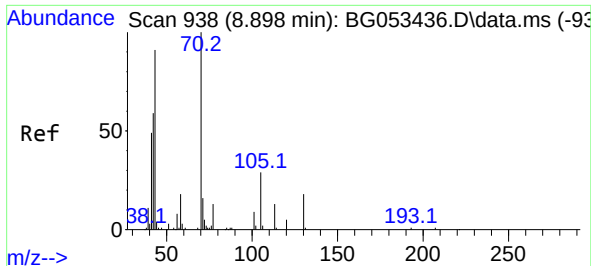


#18
Hexachloroethane
Concen: 43.251 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:117 Resp: 25926
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.6
201 109.8 89.0 133.6





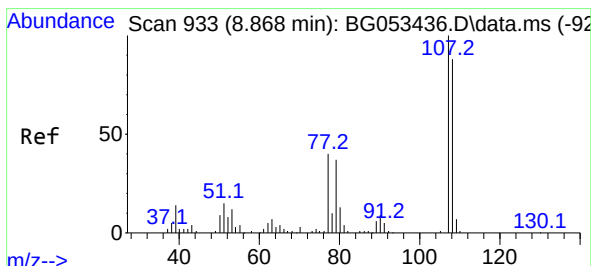
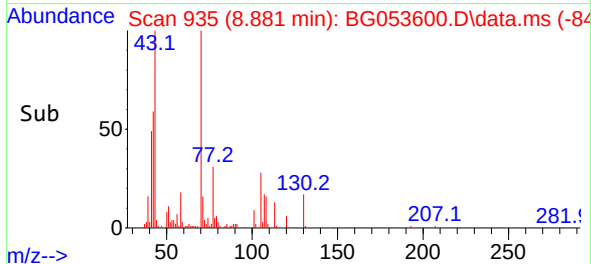
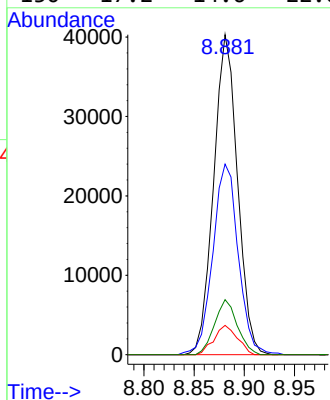
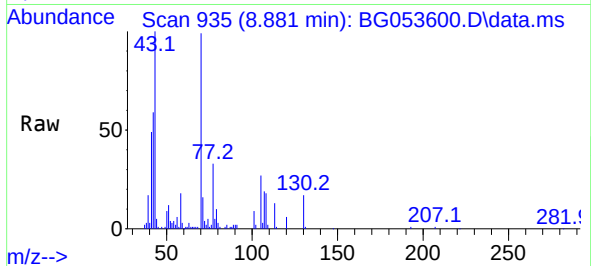
#19
n-Nitroso-di-n-propylamine
Concen: 48.151 ng
RT: 8.881 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion: 70 Resp: 6650
Ion Ratio Lower Upper
70 100
42 59.5 47.3 70.9
101 9.1 7.0 10.4
130 17.2 14.6 22.0

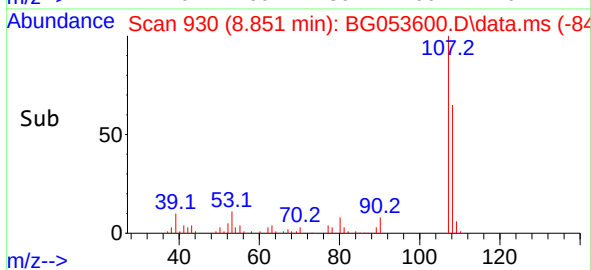
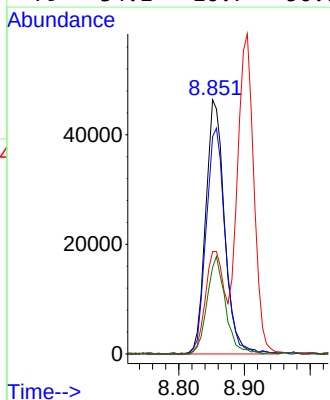
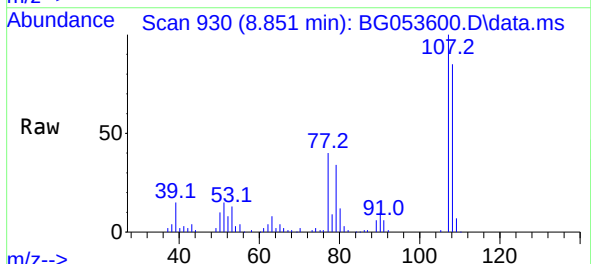
Manual Integrations
APPROVED

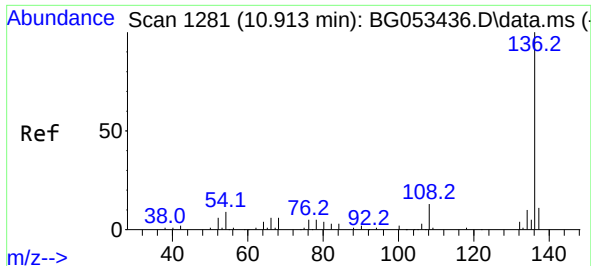
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#20
3+4-Methylphenols
Concen: 51.480 ng
RT: 8.851 min Scan# 930
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:107 Resp: 92517
Ion Ratio Lower Upper
107 100
108 85.5 67.5 107.5
77 40.3 20.3 60.3
79 34.1 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

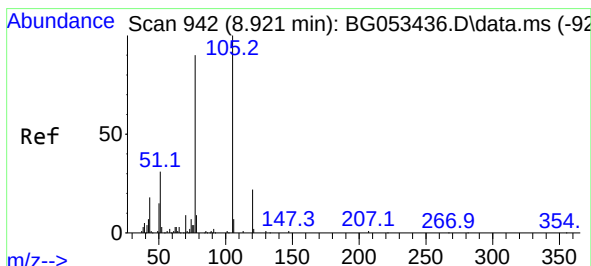
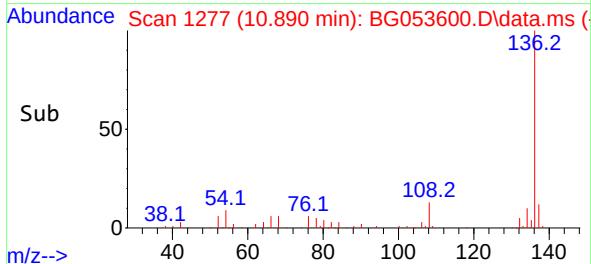
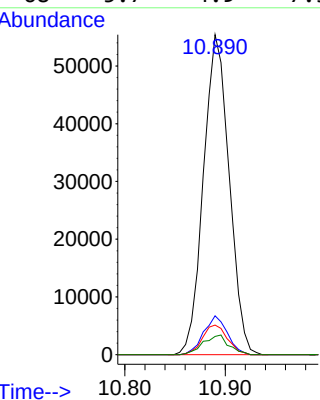
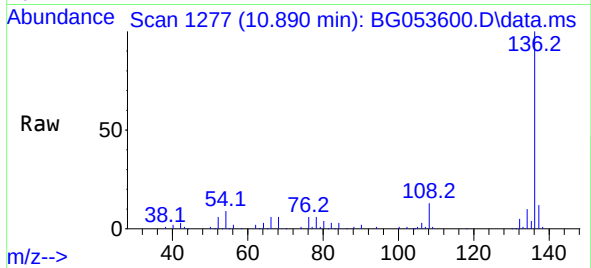
PB144891BSD

Tgt Ion:136 Resp: 9865
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 9.2 7.4 11.2
68 5.7 4.9 7.3

Manual Integrations

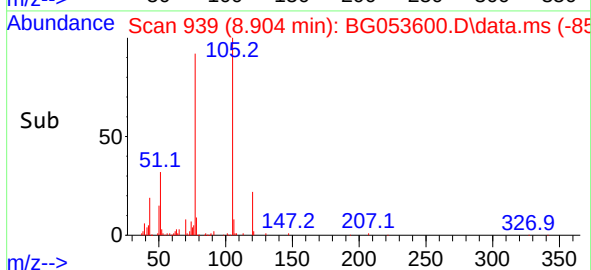
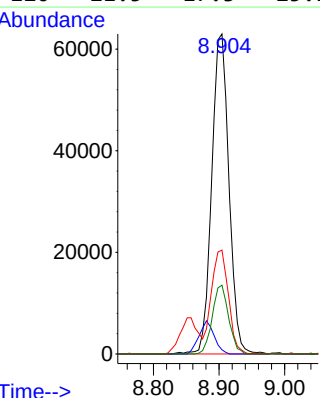
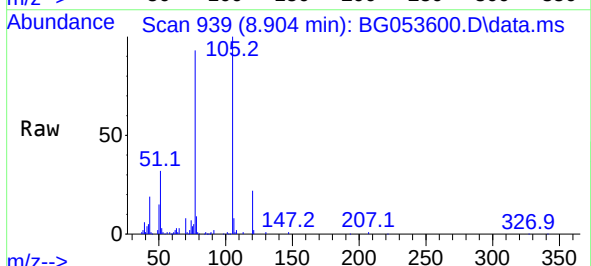
APPROVED

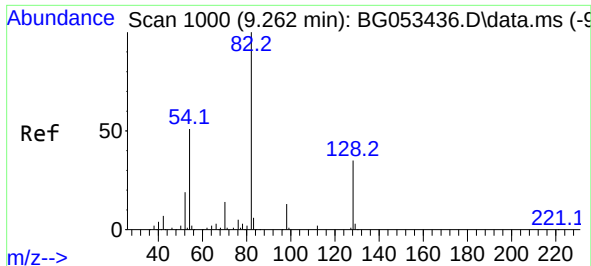
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#22
Acetophenone
Concen: 42.361 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:105 Resp: 114381
Ion Ratio Lower Upper
105 100
71 1.3 1.1 1.7
51 32.5 25.4 38.0
120 21.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.977 ng

RT: 9.245 min Scan# 90

Delta R.T. -0.008 min

Lab File: BG053600.D

Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

Tgt Ion: 82 Resp: 18767

Ion Ratio Lower Upper

82 100

128 35.8 27.9 41.9

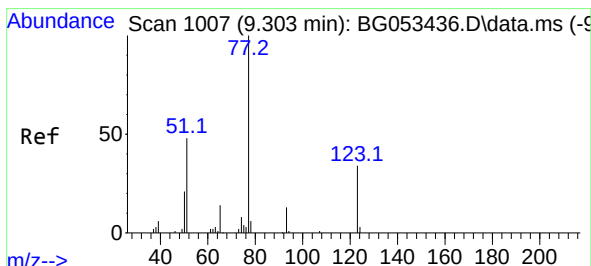
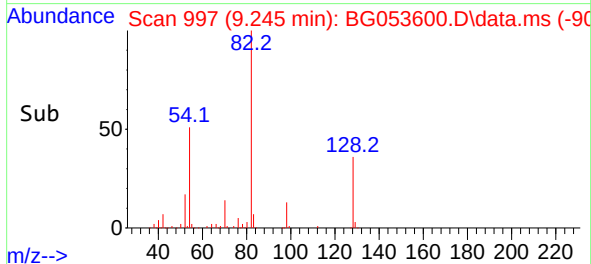
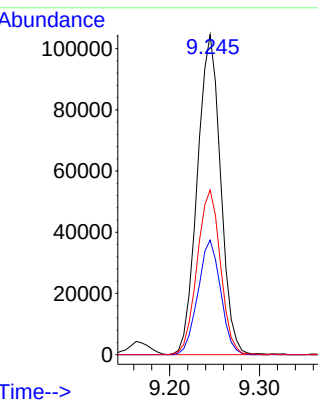
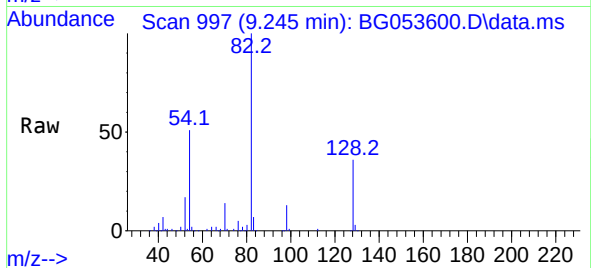
54 51.5 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#24

Nitrobenzene

Concen: 45.025 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.008 min

Lab File: BG053600.D

Acq: 18 May 2022 11:36

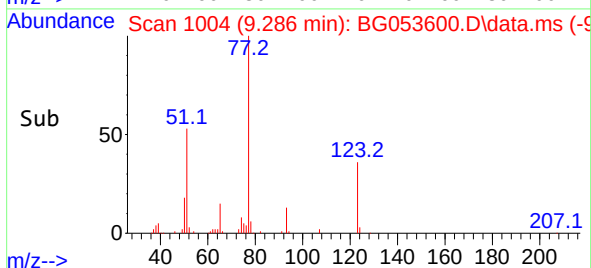
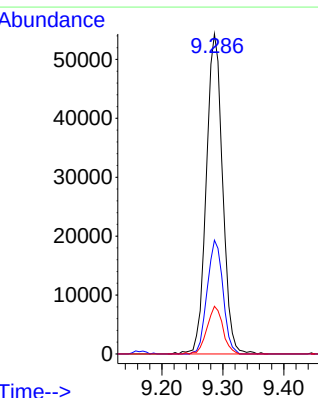
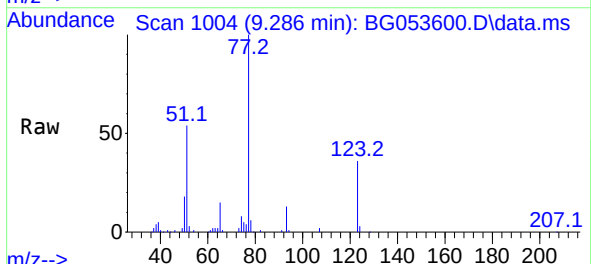
Tgt Ion: 77 Resp: 100998

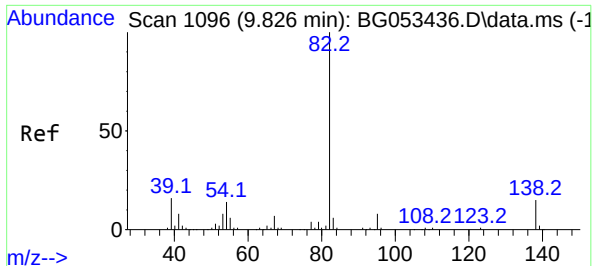
Ion Ratio Lower Upper

77 100

123 35.5 27.4 41.0

65 14.9 11.4 17.0





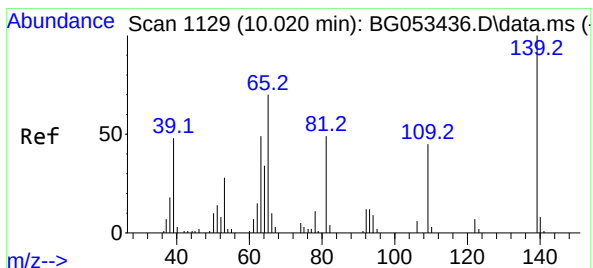
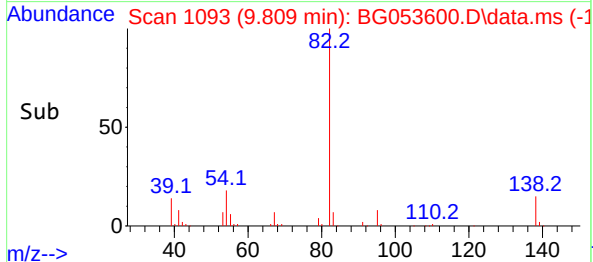
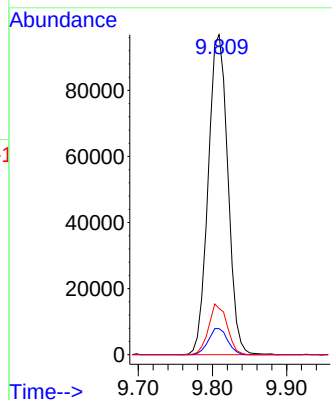
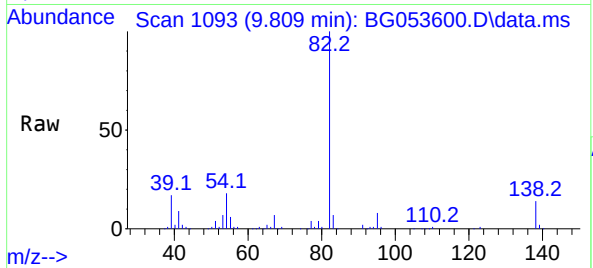
#25
Isophorone
Concen: 45.638 ng
RT: 9.809 min Scan# 1093
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion: 82 Resp: 178009
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 14.4 11.6 17.4

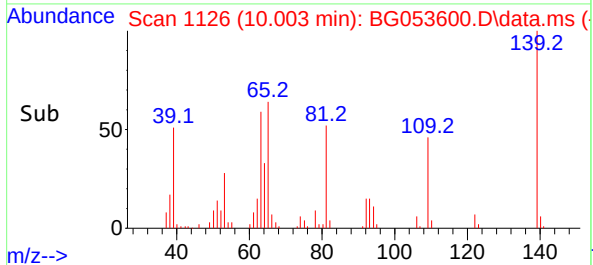
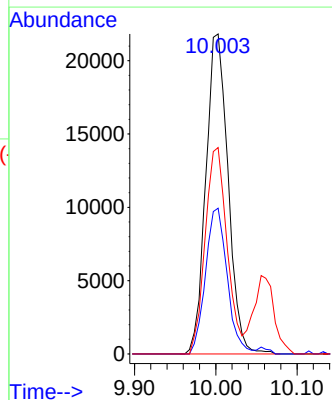
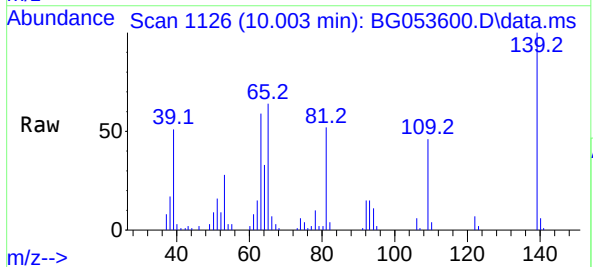
Manual Integrations
APPROVED

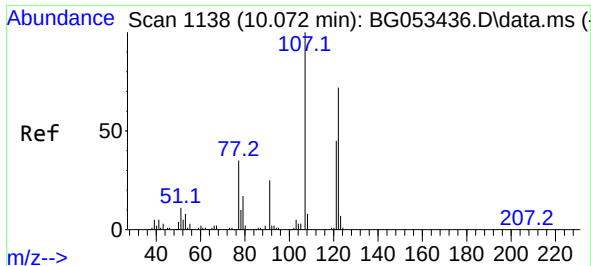
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#26
2-Nitrophenol
Concen: 45.694 ng
RT: 10.003 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:139 Resp: 41514
Ion Ratio Lower Upper
139 100
109 45.6 36.1 54.1
65 64.5 55.8 83.6





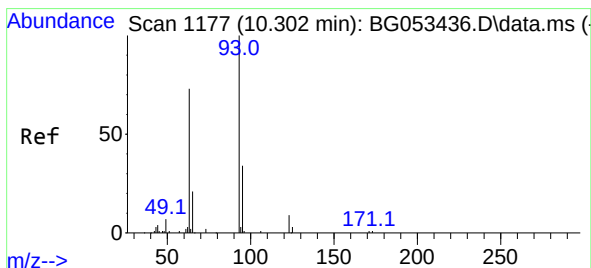
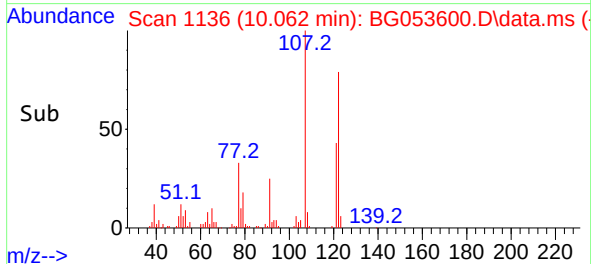
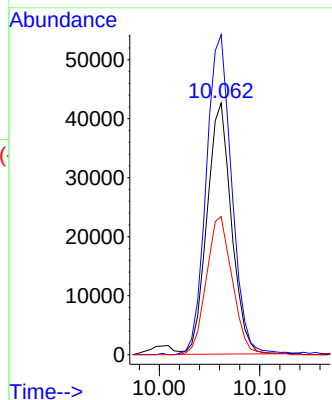
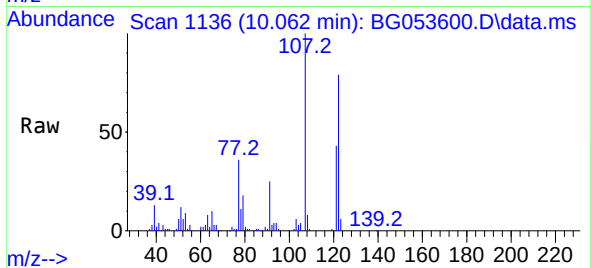
#27
2,4-Dimethylphenol
Concen: 52.730 ng
RT: 10.062 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion:122 Resp: 7209
Ion Ratio Lower Upper
122 100
107 127.1 109.4 164.0
121 54.8 48.7 73.1

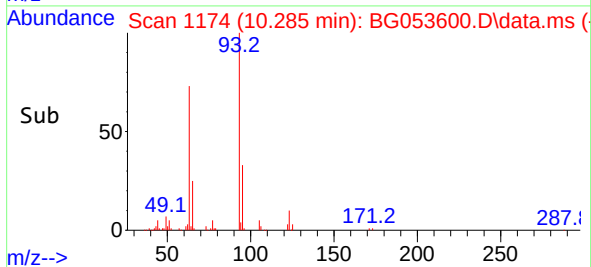
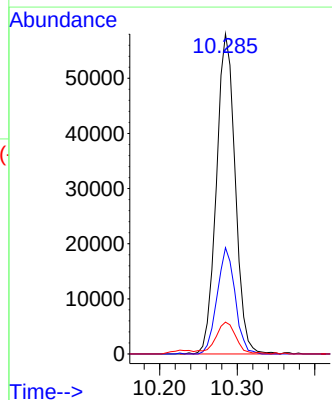
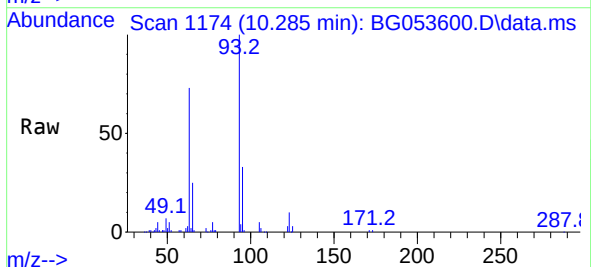
Manual Integrations
APPROVED

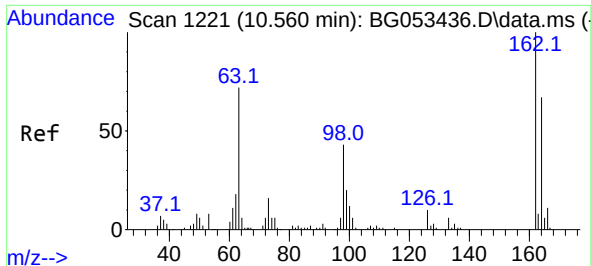
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.634 ng
RT: 10.285 min Scan# 1174
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion: 93 Resp: 97884
Ion Ratio Lower Upper
93 100
95 33.2 26.9 40.3
123 10.0 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 48.997 ng

RT: 10.543 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG053600.D

Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

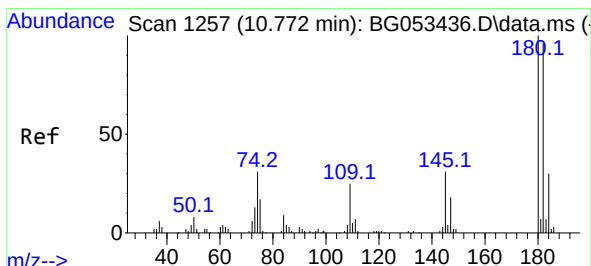
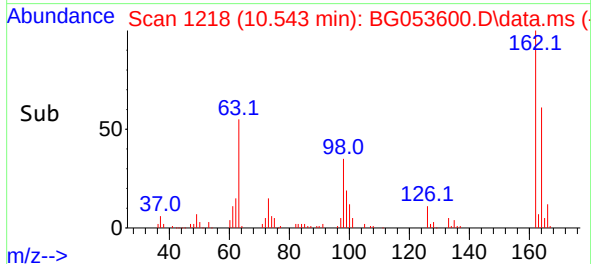
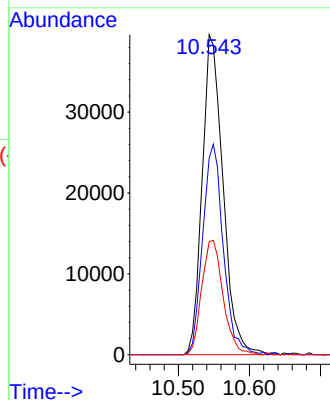
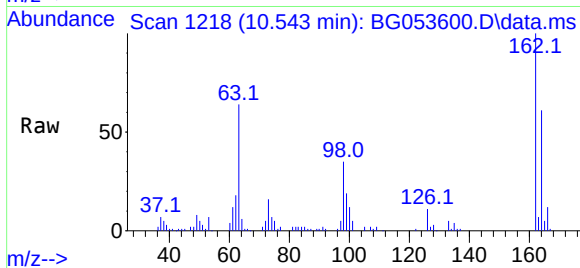
PB144891BSD

Tgt Ion:162	Resp:	80854
Ion Ratio	Lower	Upper
162	100	
164	61.4	46.6 86.6
98	35.3	22.8 62.8

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 42.857 ng

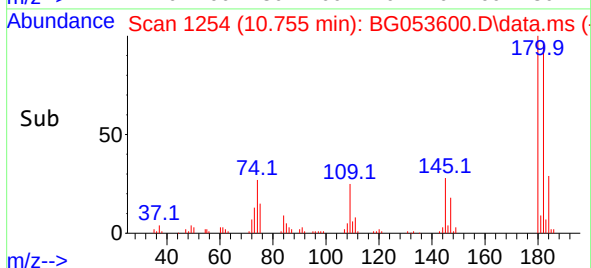
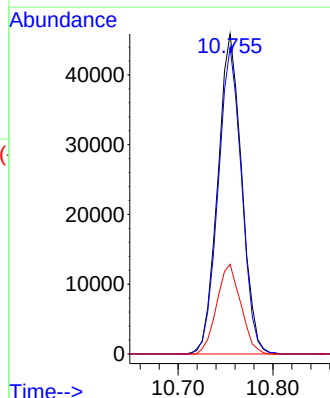
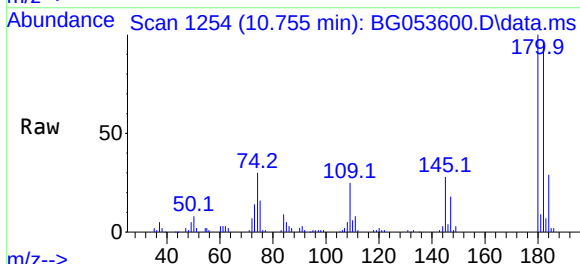
RT: 10.755 min Scan# 1254

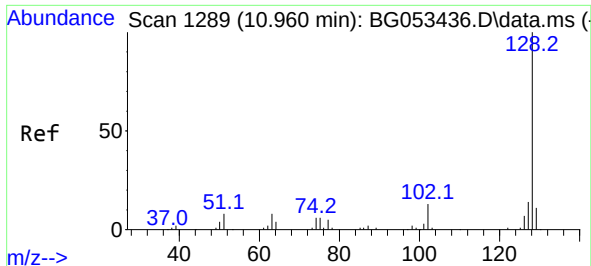
Delta R.T. -0.008 min

Lab File: BG053600.D

Acq: 18 May 2022 11:36

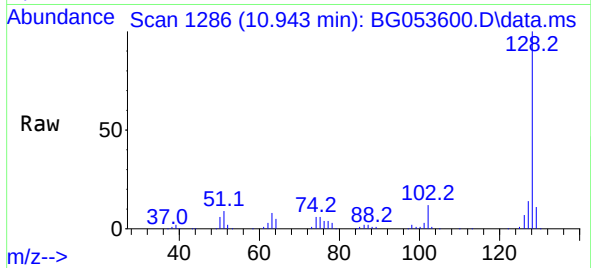
Tgt Ion:180	Resp:	80353
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.6 115.0
145	28.0	25.0 37.4





#31
Naphthalene
Concen: 44.117 ng
RT: 10.943 min Scan# 1164
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

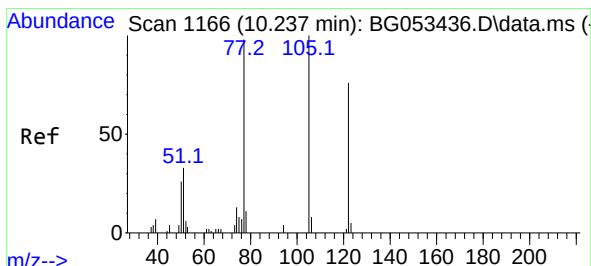
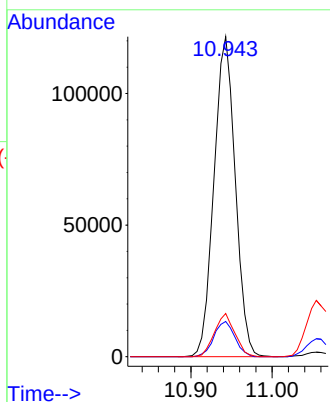
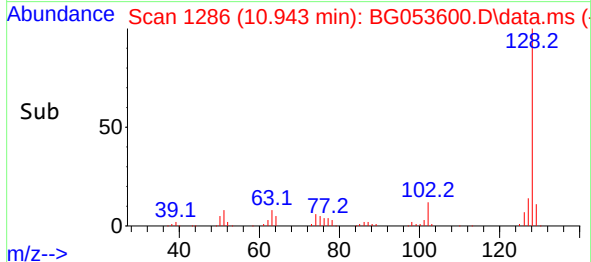
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



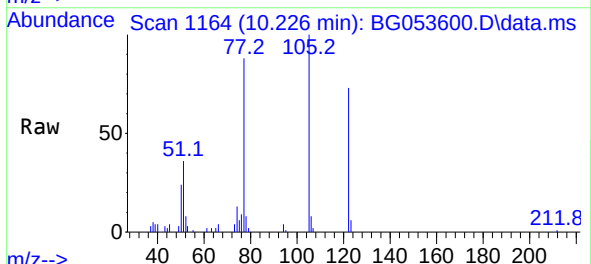
Tgt Ion:128 Resp: 22140
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 11.1 16.7

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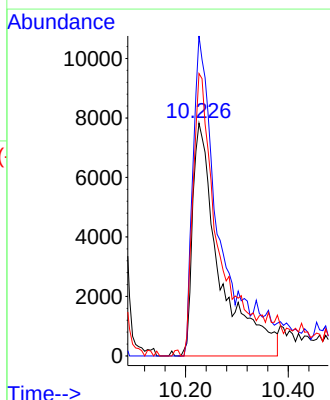
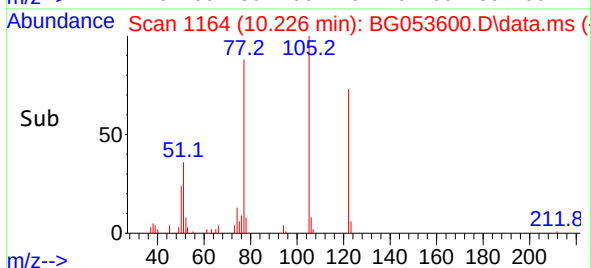
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

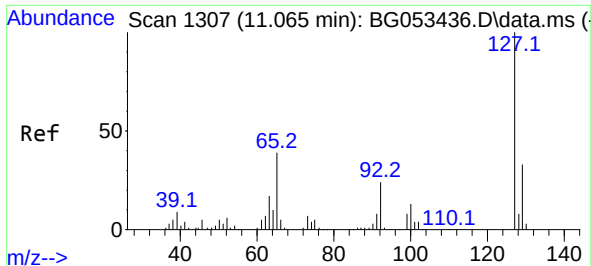


#32
Benzoic acid
Concen: 35.899 ng m
RT: 10.226 min Scan# 1164
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:122 Resp: 28461
Ion Ratio Lower Upper
122 100
105 137.5 111.8 151.8
77 121.3 109.4 149.4





#33
4-Chloroaniline
Concen: 23.004 ng
RT: 11.054 min Scan# 1105
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

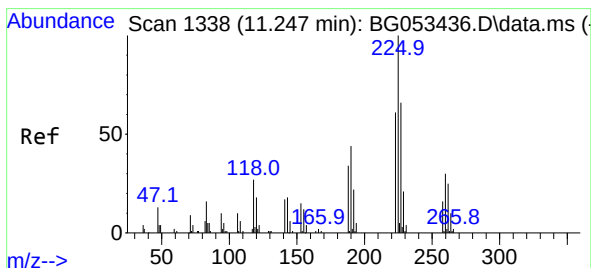
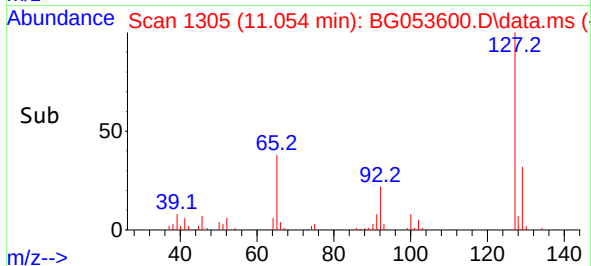
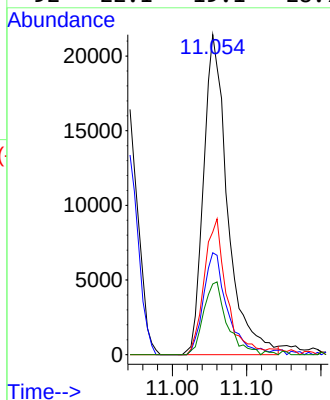
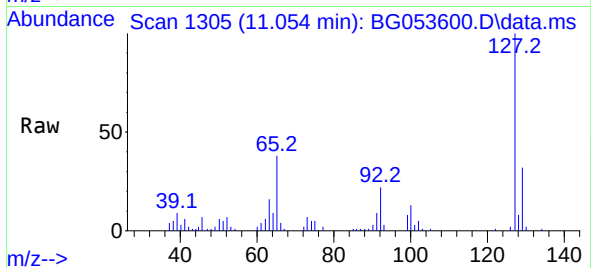
PB144891BSD

Tgt Ion:127	Resp: 4834
Ion Ratio	Lower Upper
127 100	
129 31.9	26.3 39.5
65 38.3	31.1 46.7
92 22.1	19.1 28.7

Manual Integrations

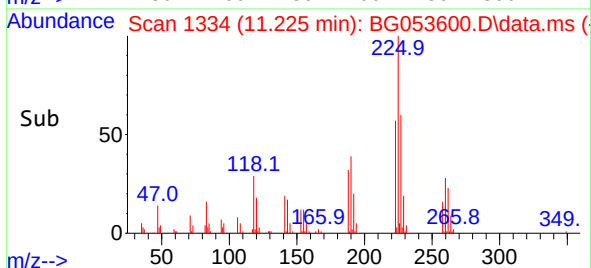
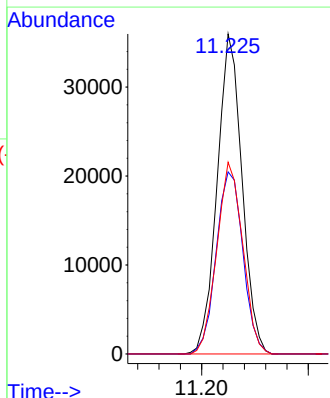
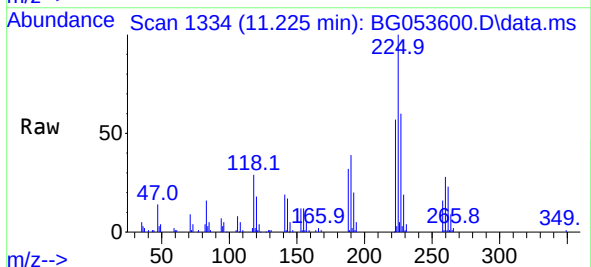
APPROVED

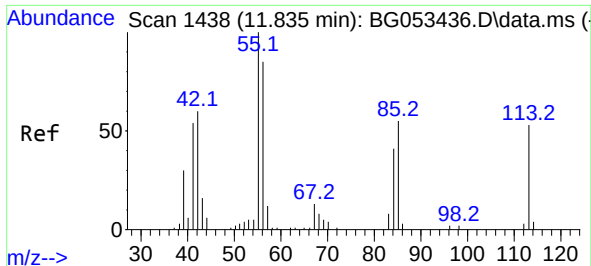
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#34
Hexachlorobutadiene
Concen: 41.858 ng
RT: 11.225 min Scan# 1334
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

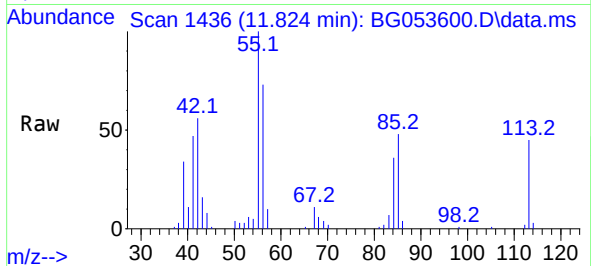
Tgt Ion:225	Resp: 58195
Ion Ratio	Lower Upper
225 100	
223 56.9	48.9 73.3
227 59.9	52.8 79.2





#35
Caprolactam
Concen: 49.374 ng m
RT: 11.824 min Scan# 1438
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

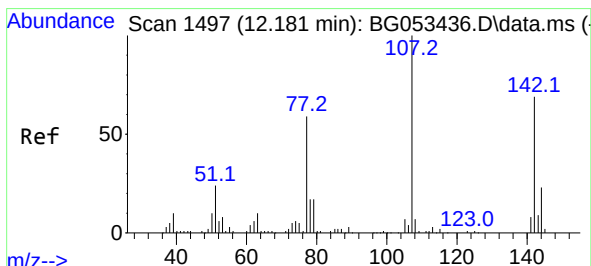
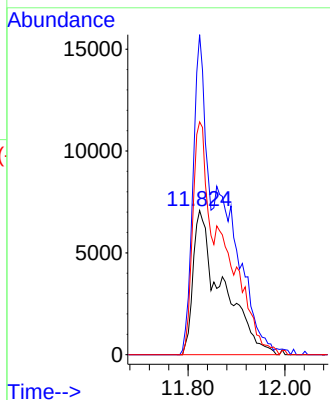
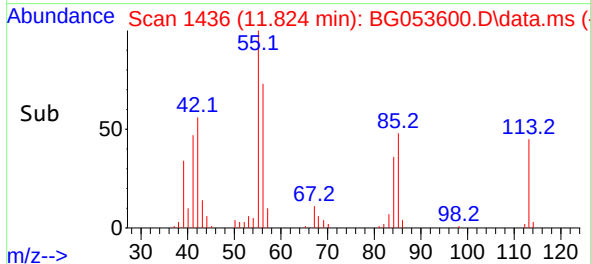
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



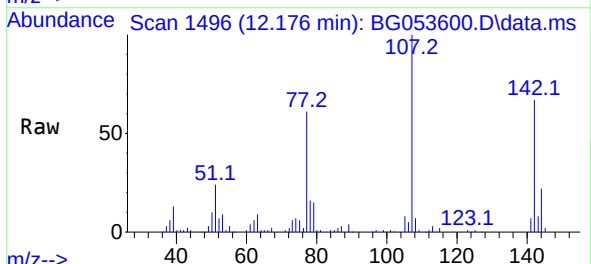
Tgt Ion:113 Resp: 29608
Ion Ratio Lower Upper
113 100
55 222.0 169.8 209.8
56 161.5 141.2 181.2

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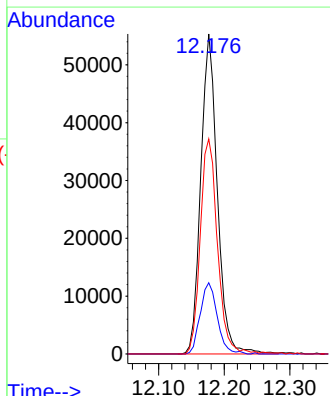
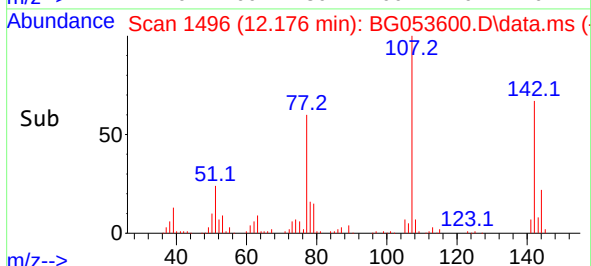
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

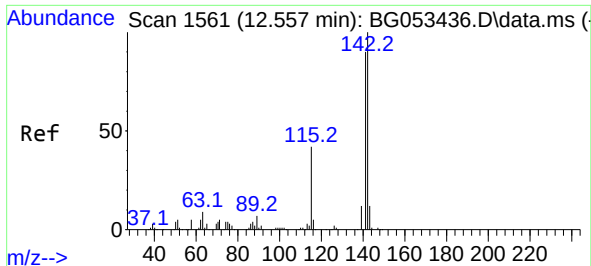


#36
4-Chloro-3-methylphenol
Concen: 49.259 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:107 Resp: 97232
Ion Ratio Lower Upper
107 100
144 22.2 18.5 27.7
142 67.2 55.0 82.4





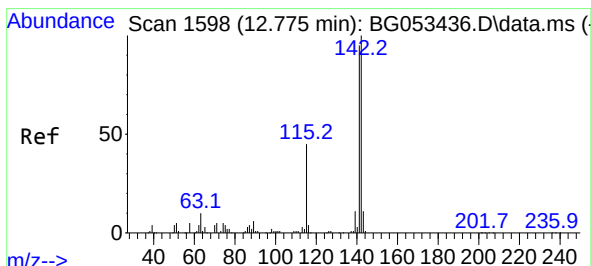
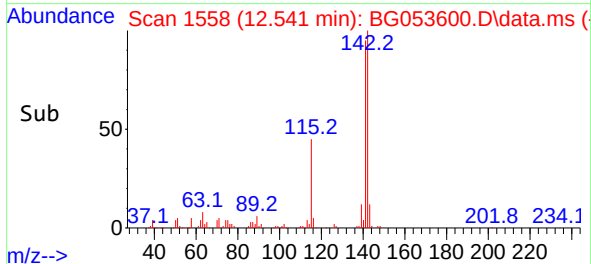
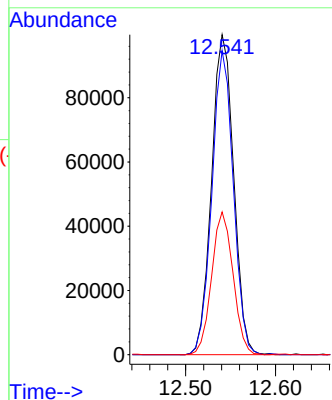
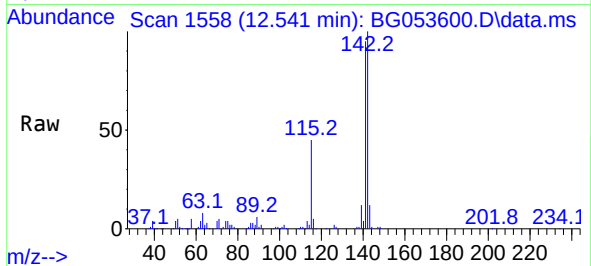
#37
2-Methylnaphthalene
Concen: 45.395 ng
RT: 12.541 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion:142 Resp: 170014
Ion Ratio Lower Upper
142 100
141 95.0 72.3 108.5
115 44.6 33.7 50.5

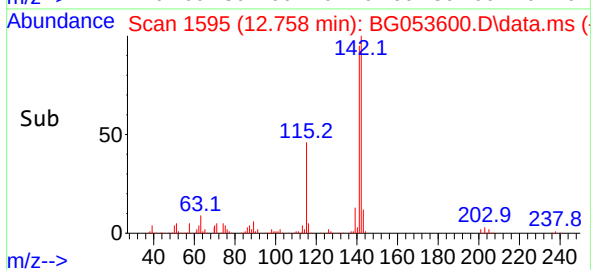
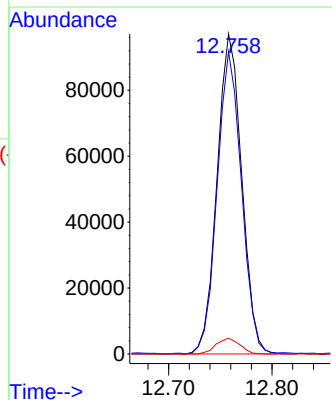
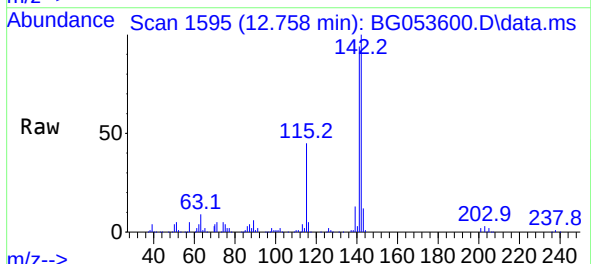
Manual Integrations
APPROVED

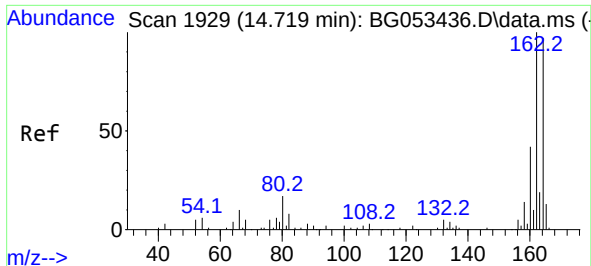
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#38
1-Methylnaphthalene
Concen: 44.022 ng m
RT: 12.758 min Scan# 1595
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:142 Resp: 160857
Ion Ratio Lower Upper
142 100
141 94.5 76.4 114.6
116 4.9 3.3 4.9#





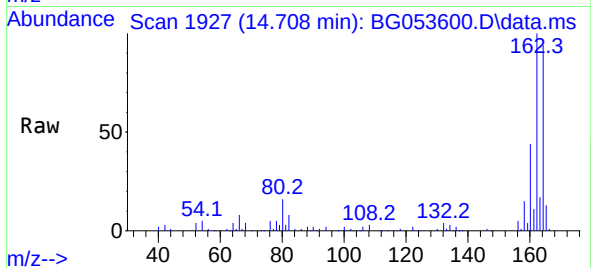
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

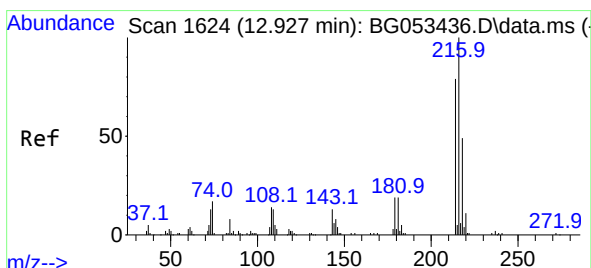
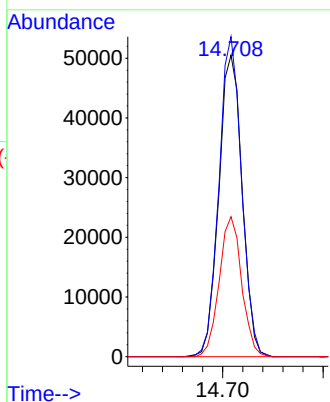
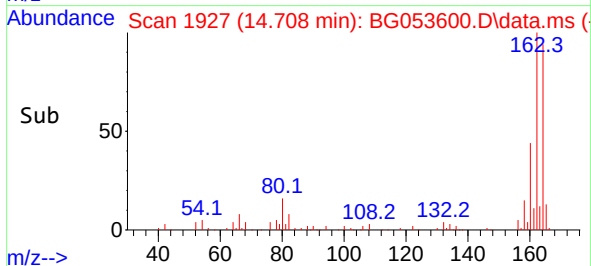


Tgt Ion:164 Resp: 81379
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 46.4 34.2 51.2

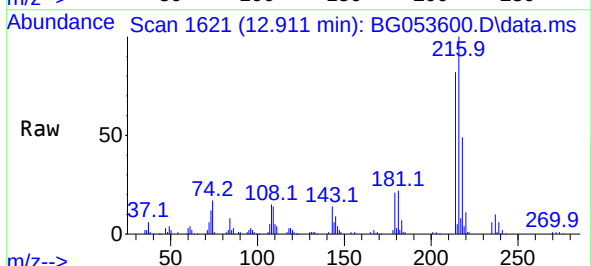
Manual Integrations

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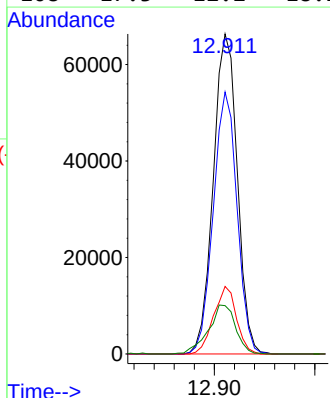
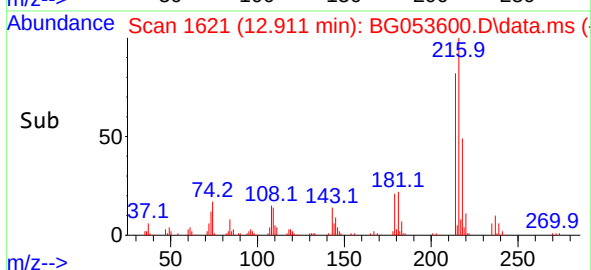
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

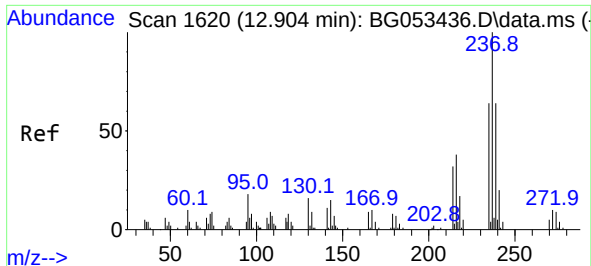


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.856 ng
RT: 12.911 min Scan# 1621
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



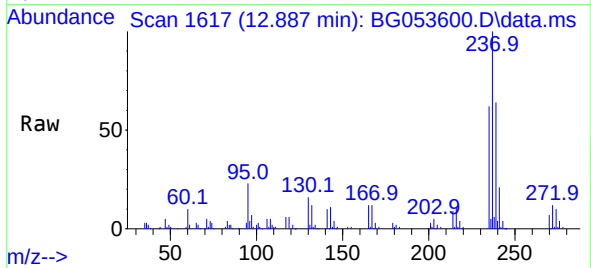
Tgt Ion:216 Resp: 109927
Ion Ratio Lower Upper
216 100
214 81.1 62.9 94.3
179 20.0 16.1 24.1
108 17.3 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 86.625 ng
RT: 12.887 min Scan# 10
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

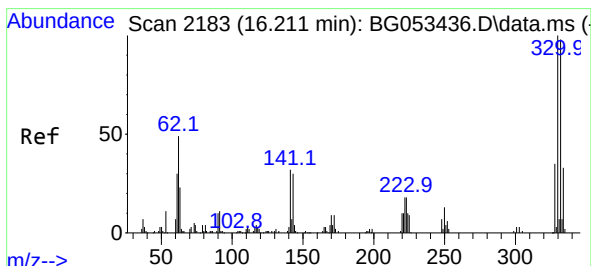
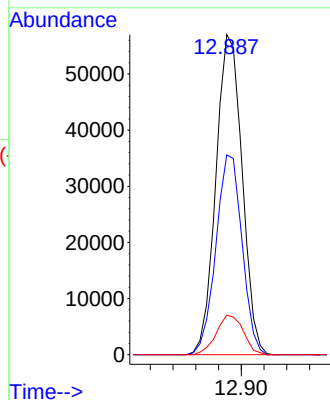
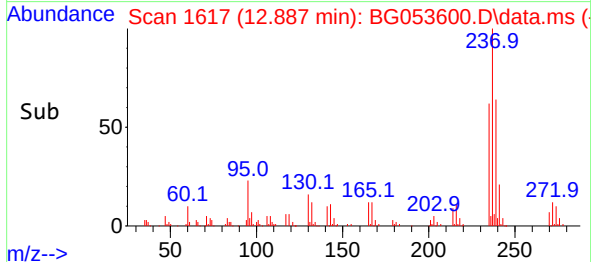
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



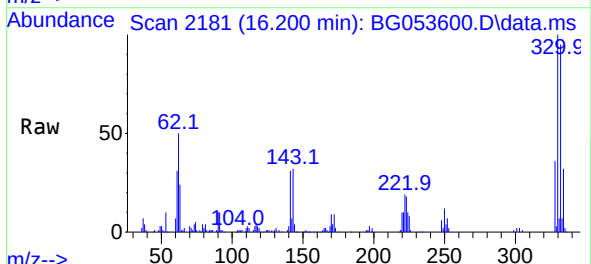
Tgt Ion:237 Resp: 9136
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 12.4 0.0 30.1

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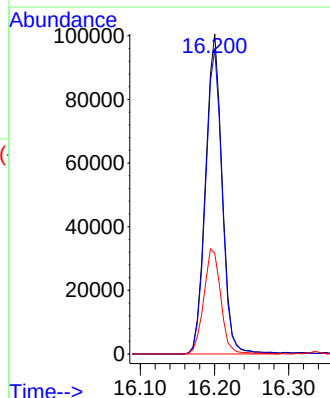
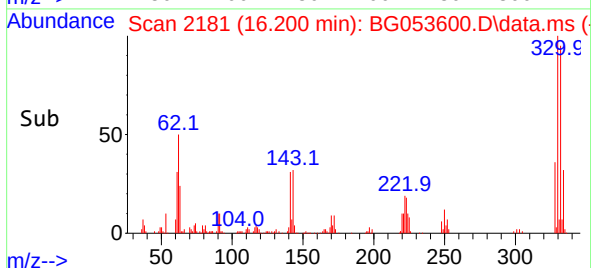
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

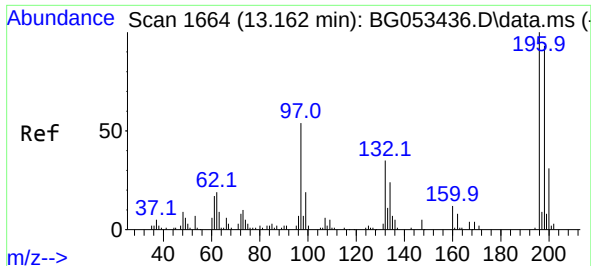


#42
2,4,6-Tribromophenol
Concen: 130.520 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:330 Resp: 156648
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 33.6 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 45.026 ng
RT: 13.152 min Scan# 1662
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

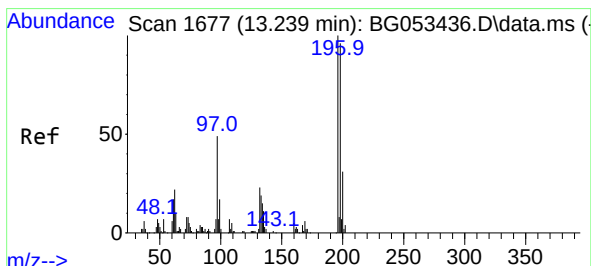
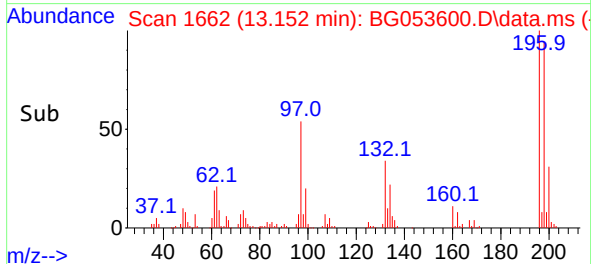
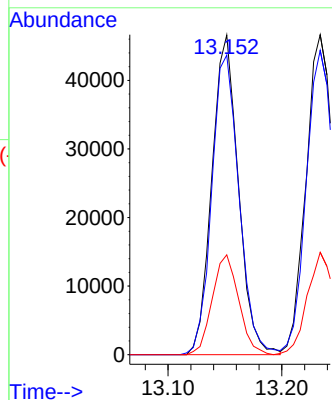
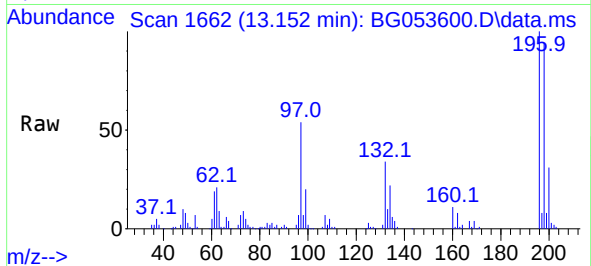
PB144891BSD

Tgt Ion:196 Resp: 75389
Ion Ratio Lower Upper
196 100
198 93.7 74.1 111.1
200 31.2 24.7 37.1

Manual Integrations

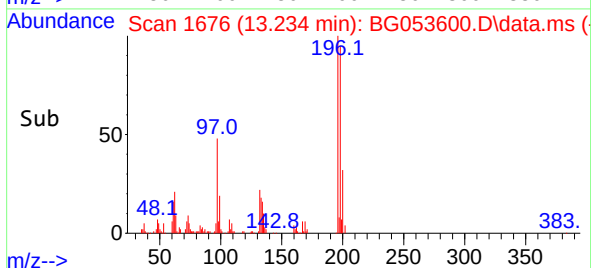
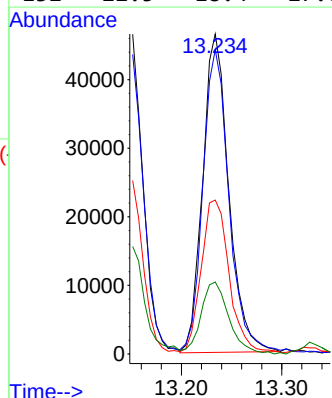
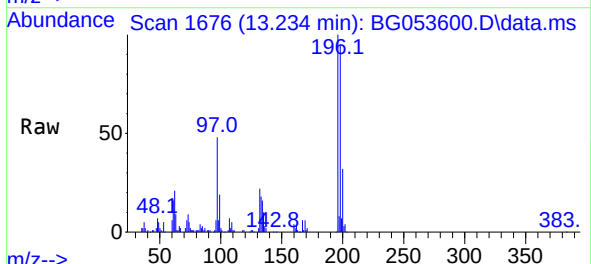
APPROVED

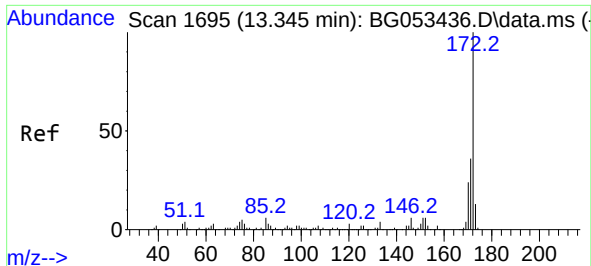
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#44
2,4,5-Trichlorophenol
Concen: 47.112 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

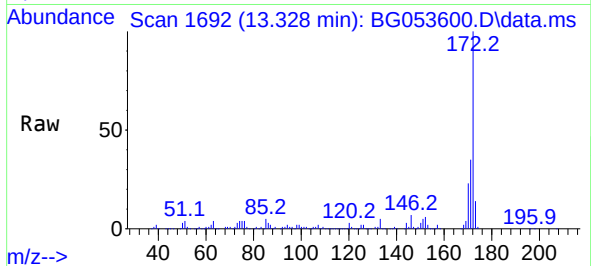
Tgt Ion:196 Resp: 83953
Ion Ratio Lower Upper
196 100
198 95.1 76.8 115.2
97 48.1 39.8 59.6
132 22.5 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 79.826 ng
RT: 13.328 min Scan# 1728
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

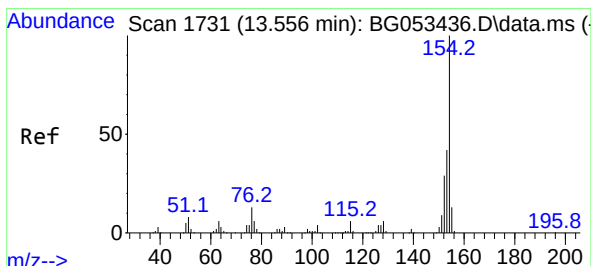
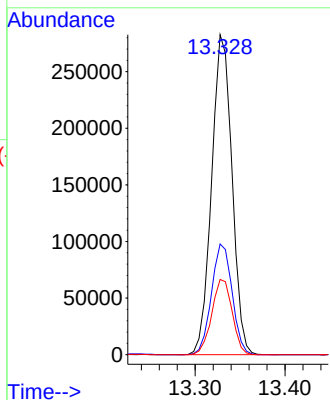
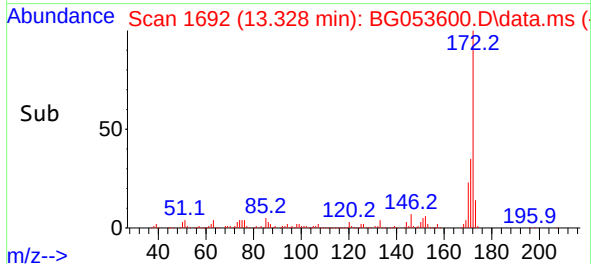
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



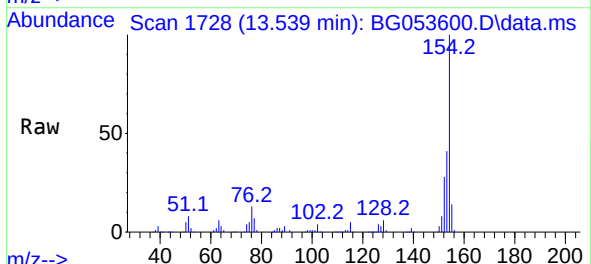
Tgt Ion:172 Resp: 444529
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.5 18.9 28.3

Manual Integrations
APPROVED

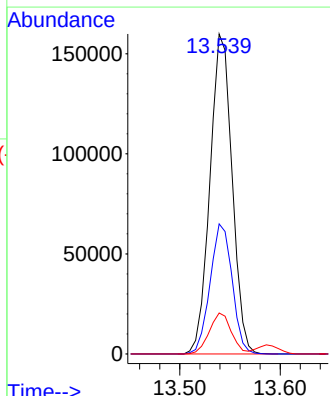
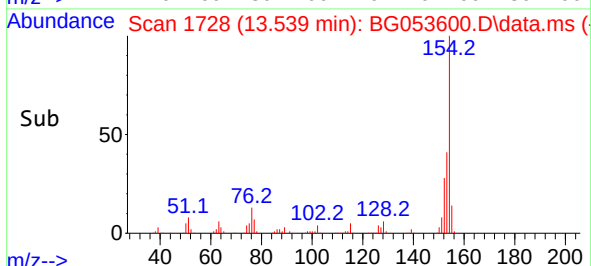
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

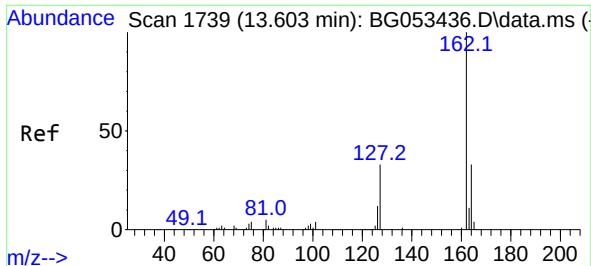


#46
1,1'-Biphenyl
Concen: 44.160 ng
RT: 13.539 min Scan# 1728
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:154 Resp: 244948
Ion Ratio Lower Upper
154 100
153 40.7 21.6 61.6
76 12.8 0.0 32.6





#47
2-Chloronaphthalene
Concen: 42.899 ng
RT: 13.586 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

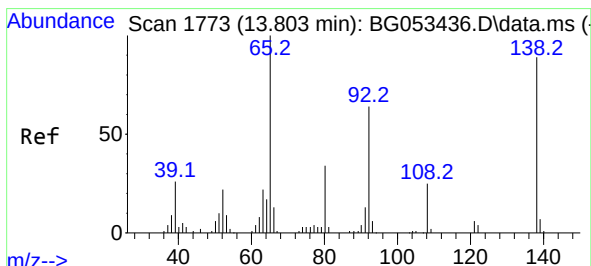
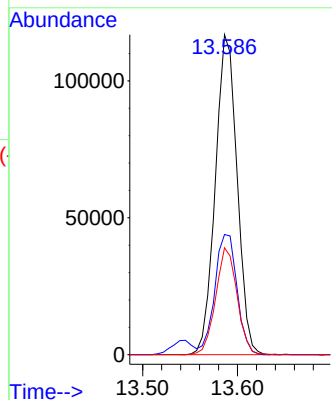
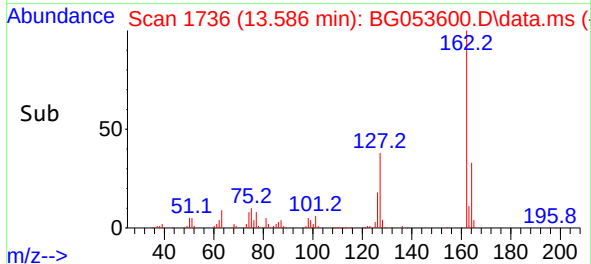
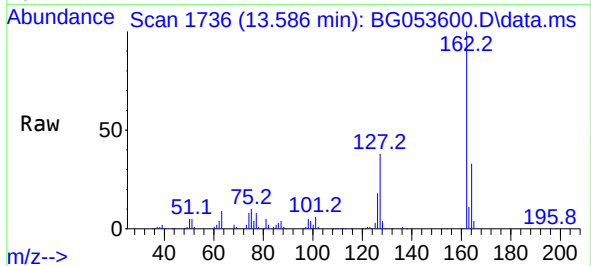
PB144891BSD

Tgt Ion:162 Resp: 18643
Ion Ratio Lower Upper
162 100
127 37.5 30.6 45.8
164 33.4 26.5 39.7

Manual Integrations

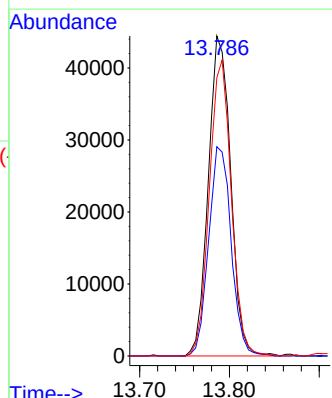
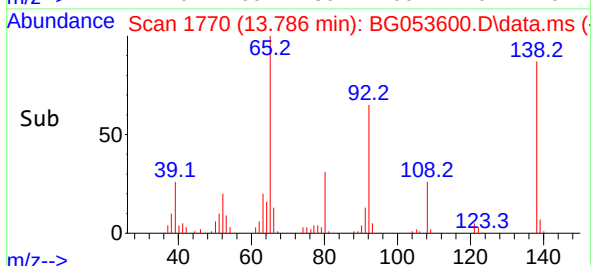
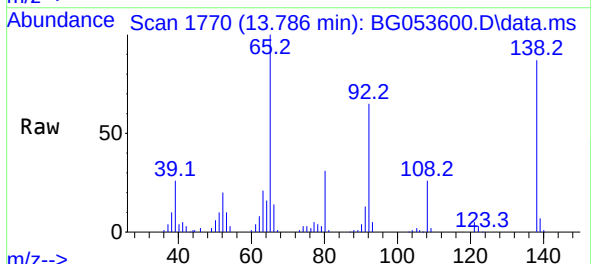
APPROVED

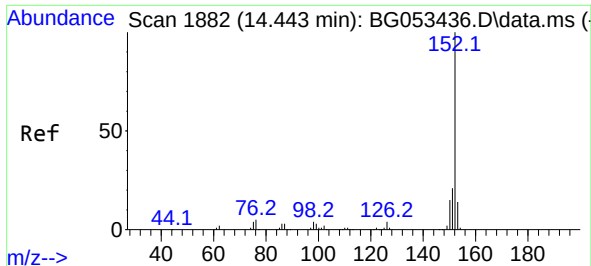
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#48
2-Nitroaniline
Concen: 47.445 ng
RT: 13.786 min Scan# 1770
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion: 65 Resp: 76829
Ion Ratio Lower Upper
65 100
92 65.4 51.5 77.3
138 86.9 71.3 106.9





#49
Acenaphthylene
Concen: 45.345 ng
RT: 14.432 min Scan# 1880
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

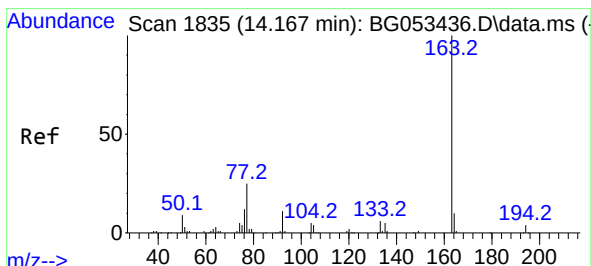
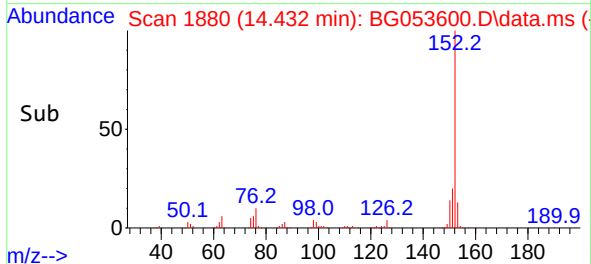
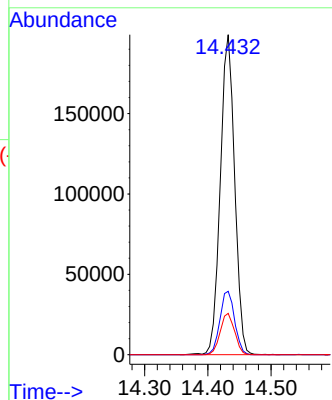
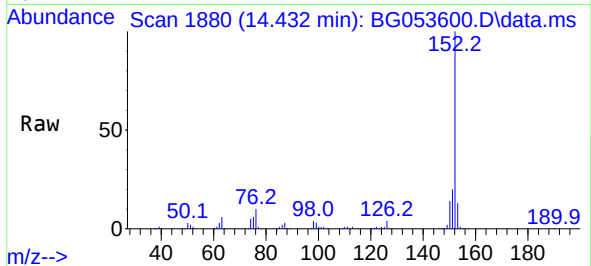
PB144891BSD

Tgt Ion:152 Resp: 31445
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.9 10.8 16.2

Manual Integrations

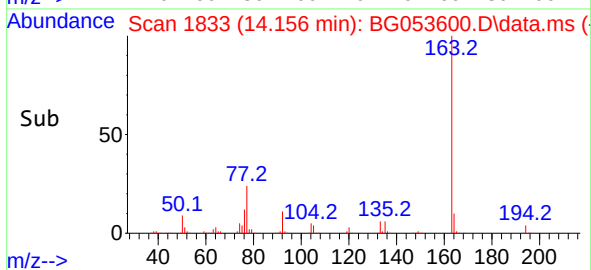
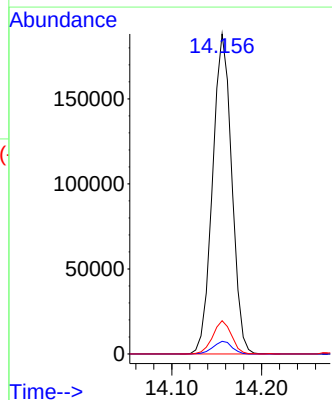
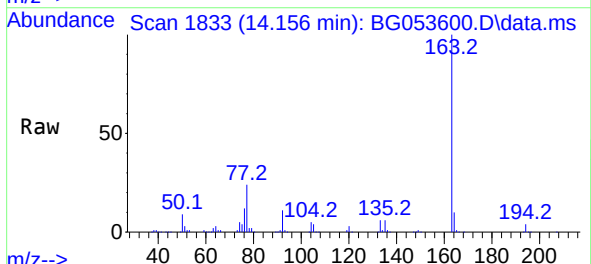
APPROVED

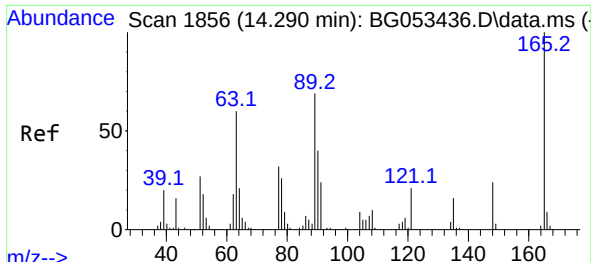
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#50
Dimethylphthalate
Concen: 45.096 ng
RT: 14.156 min Scan# 1833
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:163 Resp: 278861
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.4 8.0 12.0





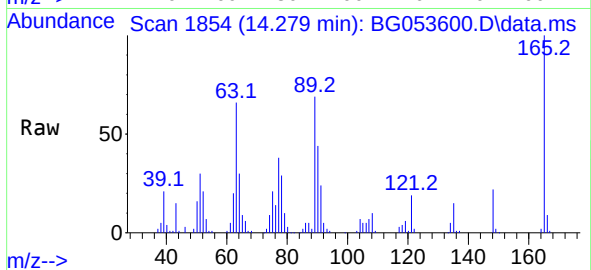
#51
2,6-Dinitrotoluene
Concen: 47.687 ng
RT: 14.279 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

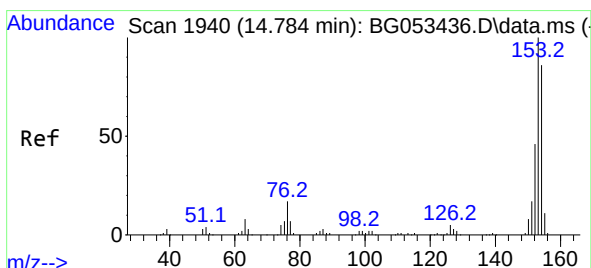
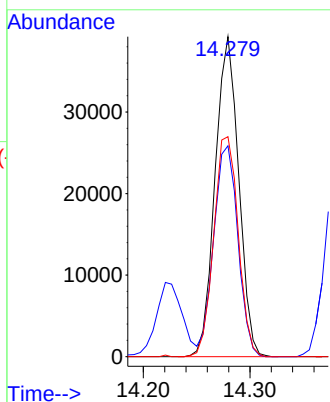
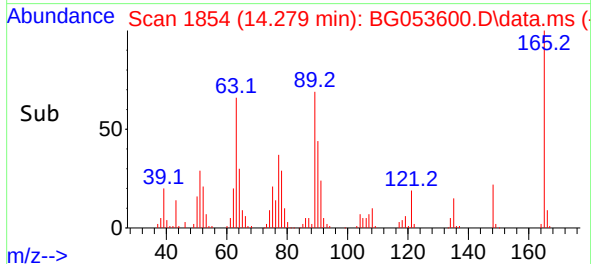


Tgt Ion:165 Resp: 6007
Ion Ratio Lower Upper
165 100
63 65.9 54.1 81.1
89 68.7 54.8 82.2

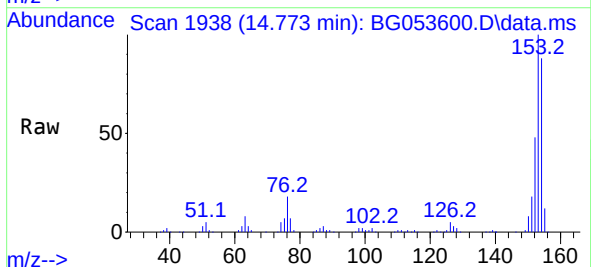
Manual Integrations

APPROVED

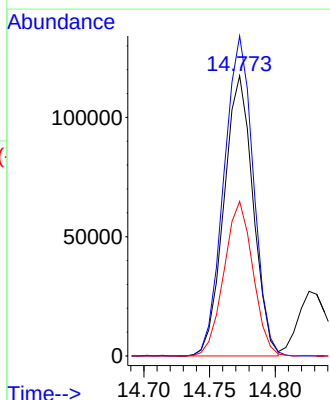
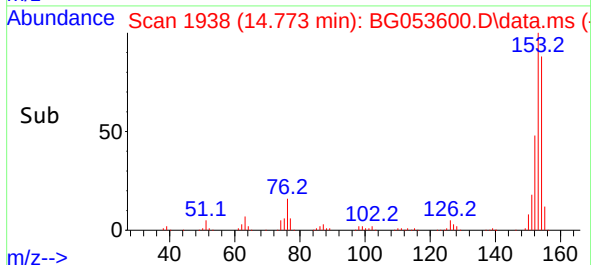
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

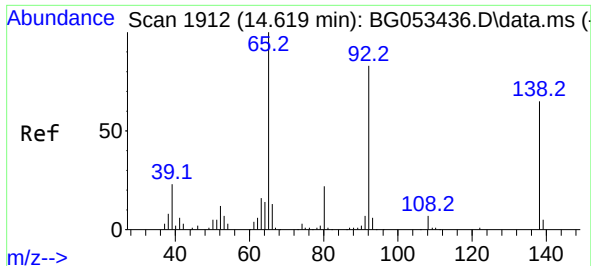


#52
Acenaphthene
Concen: 43.906 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:154 Resp: 181452
Ion Ratio Lower Upper
154 100
153 114.2 92.7 139.1
152 55.2 42.6 64.0





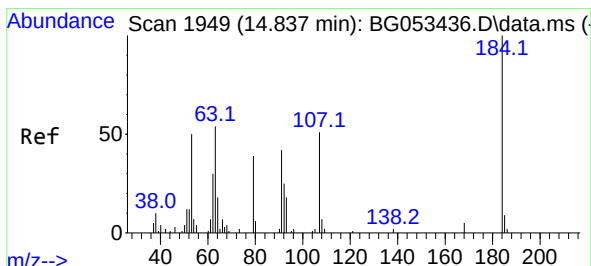
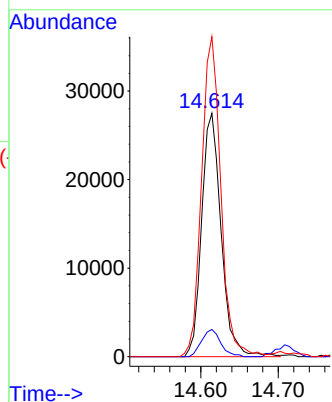
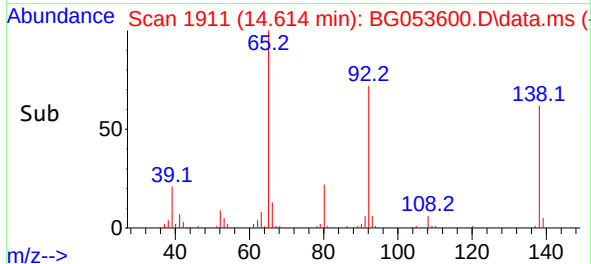
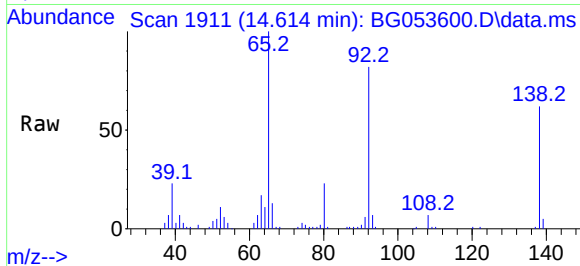
#53
3-Nitroaniline
Concen: 35.271 ng
RT: 14.614 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion:138 Resp: 48012
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 131.5 101.9 152.9

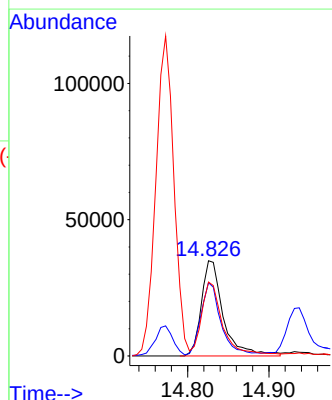
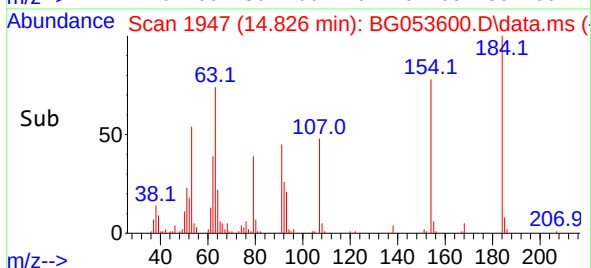
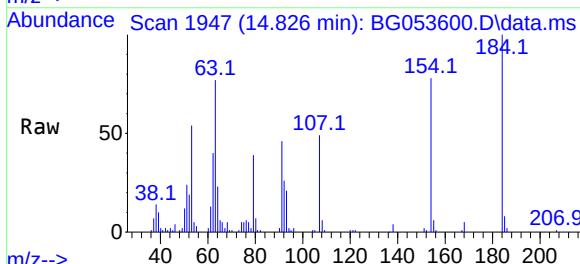
Manual Integrations
APPROVED

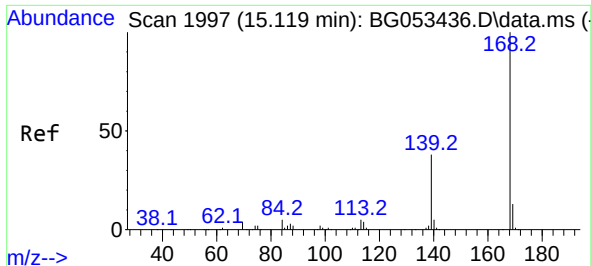
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#54
2,4-Dinitrophenol
Concen: 81.909 ng
RT: 14.826 min Scan# 1947
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:184 Resp: 65632
Ion Ratio Lower Upper
184 100
63 76.9 61.1 91.7
154 77.7 60.6 91.0





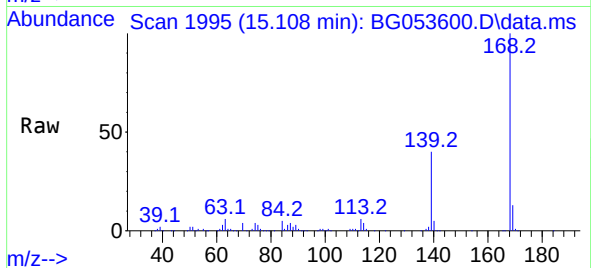
#55
Dibenzenofuran
Concen: 43.086 ng
RT: 15.108 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

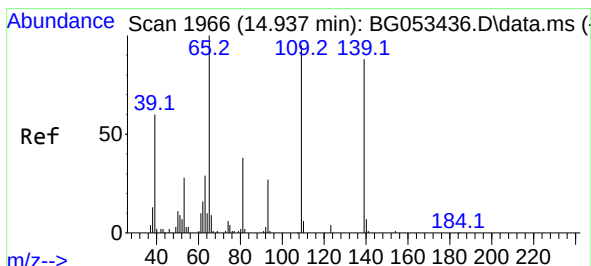
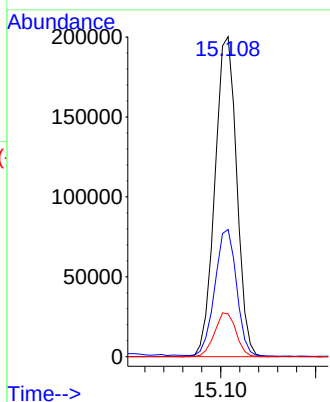
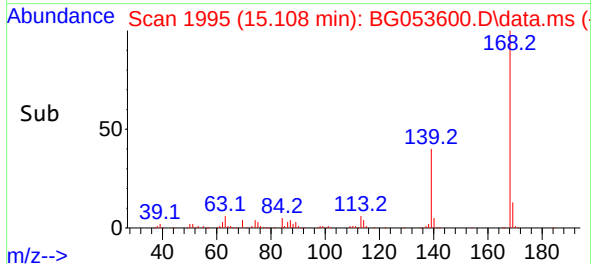


Tgt Ion:168 Resp: 31984
Ion Ratio Lower Upper
168 100
139 39.8 30.5 45.7
169 13.4 10.3 15.5

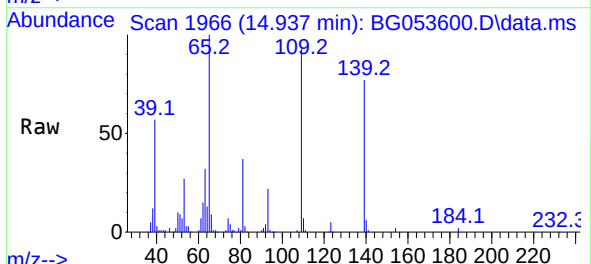
Manual Integrations

APPROVED

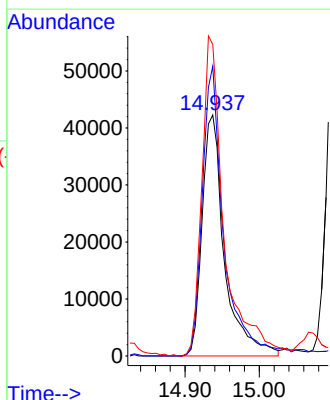
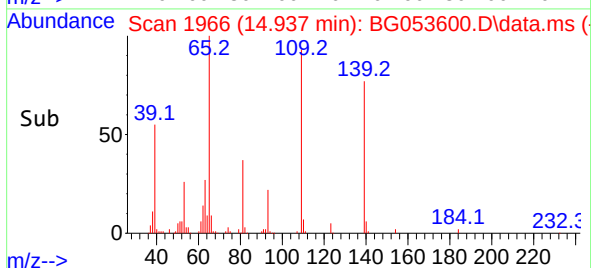
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

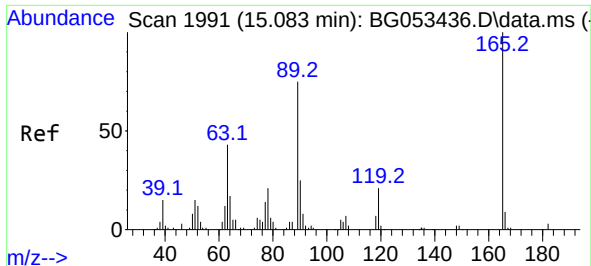


#56
4-Nitrophenol
Concen: 91.086 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:139 Resp: 88559
Ion Ratio Lower Upper
139 100
109 120.3 88.5 128.5
65 129.3 93.9 133.9





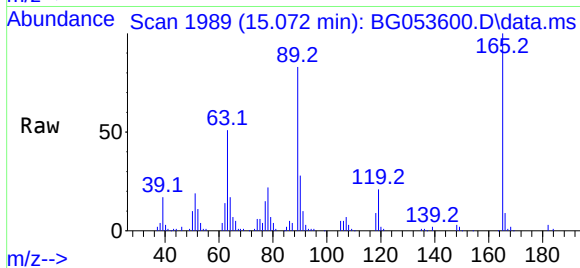
#57
2,4-Dinitrotoluene
Concen: 47.869 ng
RT: 15.072 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

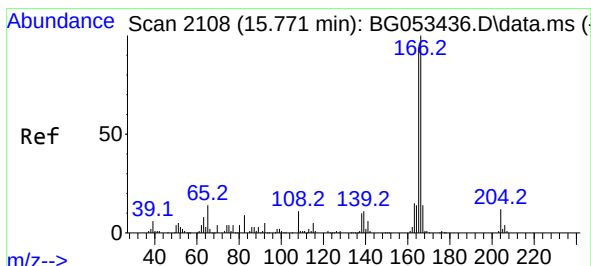
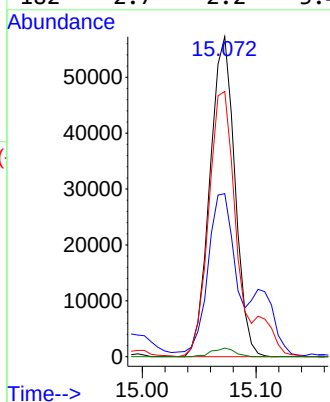
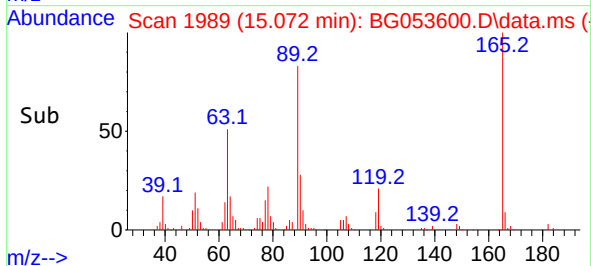


Tgt Ion:165 Resp: 87414
Ion Ratio Lower Upper
165 100
63 50.9 34.6 52.0
89 82.9 60.3 90.5
182 2.7 2.2 3.4

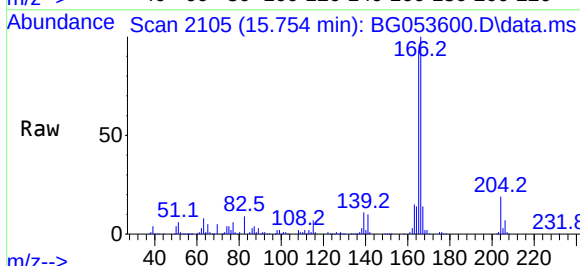
Manual Integrations

APPROVED

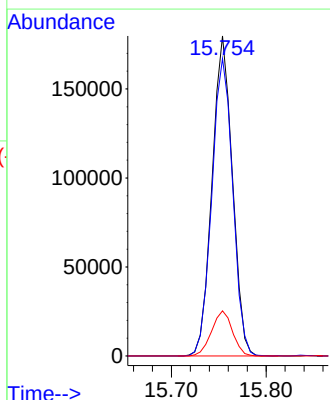
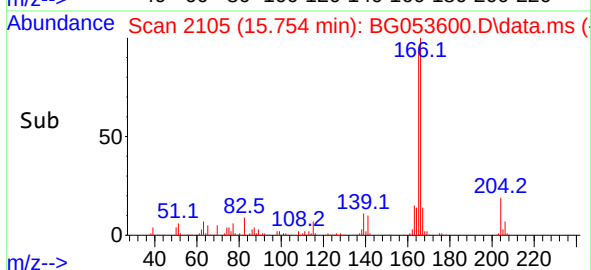
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

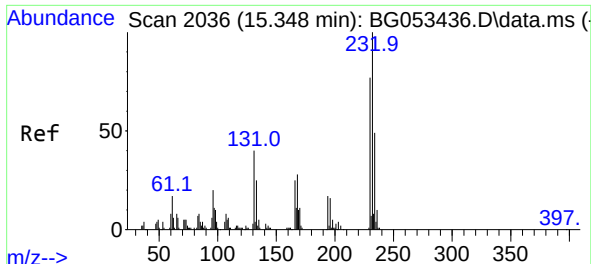


#58
Fluorene
Concen: 44.970 ng
RT: 15.754 min Scan# 2105
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



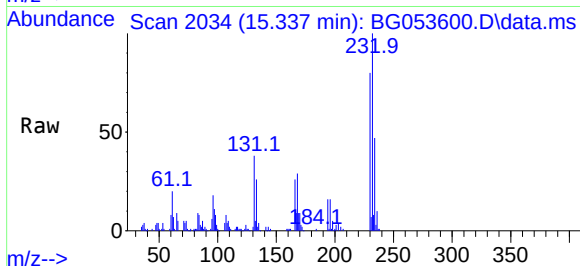
Tgt Ion:166 Resp: 267890
Ion Ratio Lower Upper
166 100
165 93.0 75.0 112.6
167 14.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.426 ng
RT: 15.337 min Scan# 2034
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

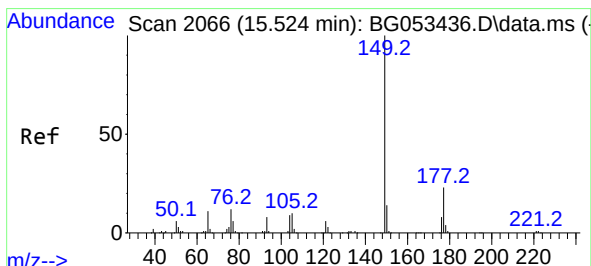
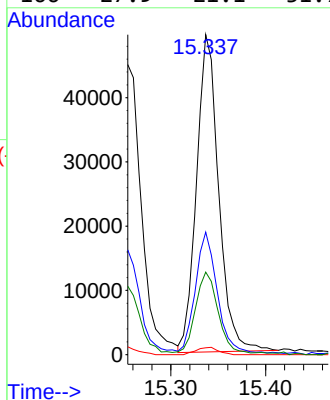
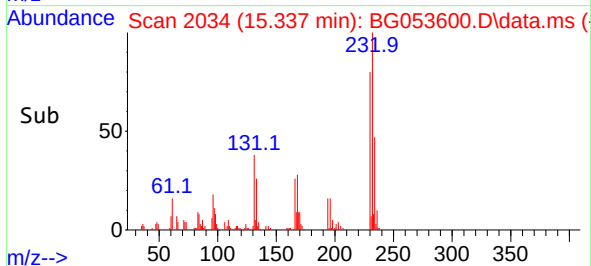
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



Tgt Ion:232 Resp: 80324
Ion Ratio Lower Upper
232 100
131 38.0 30.6 46.0
130 2.3 1.8 2.8
166 27.9 21.1 31.7

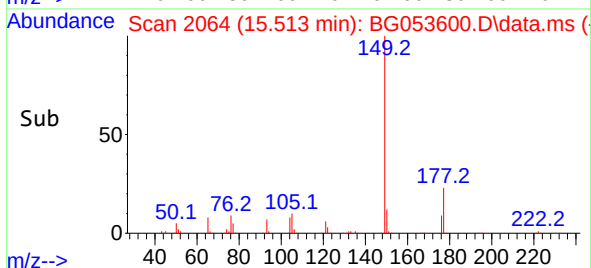
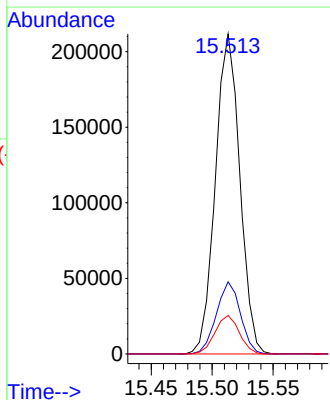
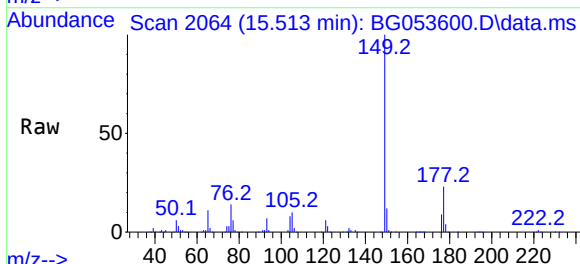
Manual Integrations
APPROVED

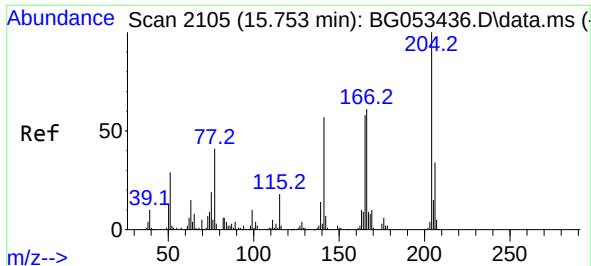
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#60
Diethylphthalate
Concen: 46.212 ng
RT: 15.513 min Scan# 2064
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

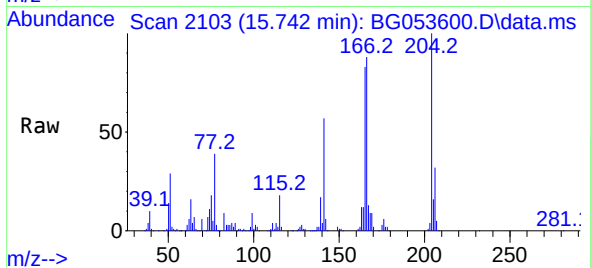
Tgt Ion:149 Resp: 295182
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.0 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 44.225 ng
RT: 15.742 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

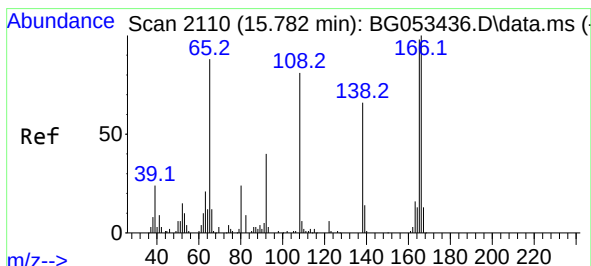
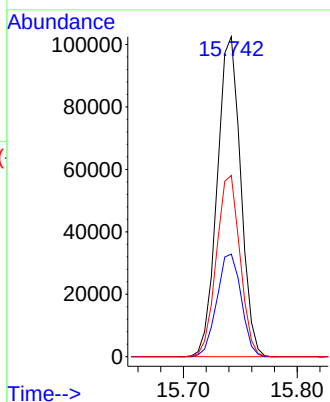
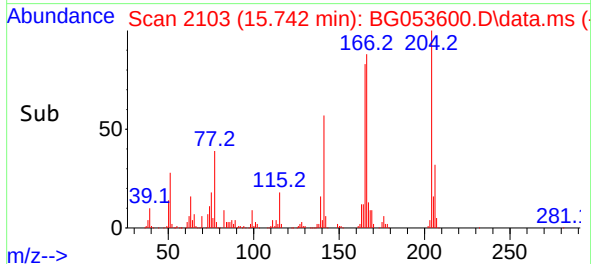
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



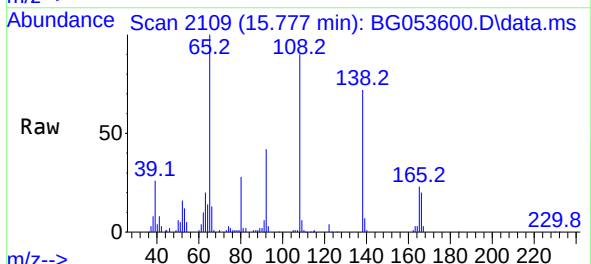
Tgt Ion:204 Resp: 147009
Ion Ratio Lower Upper
204 100
206 32.1 27.5 41.3
141 56.7 45.3 67.9

Manual Integrations
APPROVED

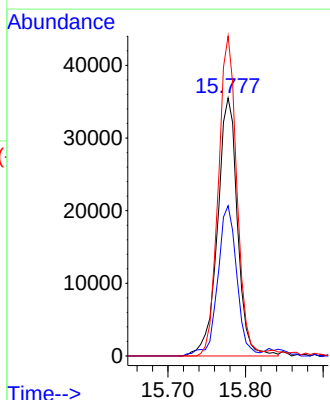
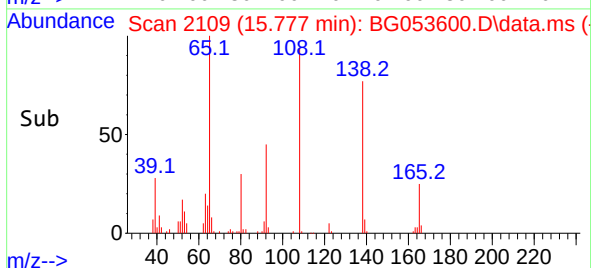
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

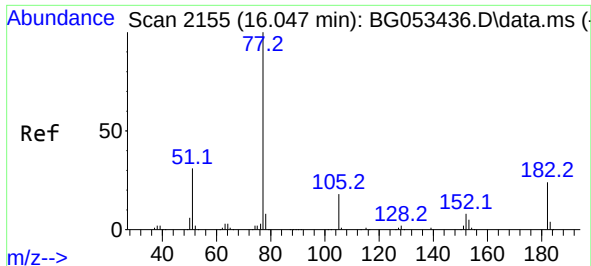


#62
4-Nitroaniline
Concen: 45.011 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:138 Resp: 63549
Ion Ratio Lower Upper
138 100
92 58.2 40.5 80.5
108 124.0 103.7 143.7





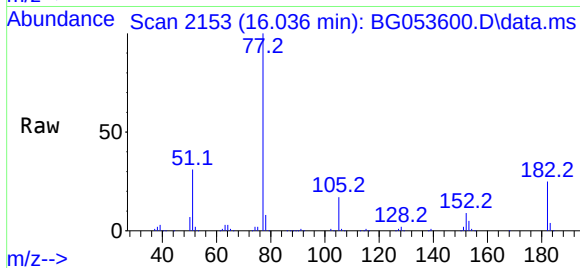
#63
Azobenzene
Concen: 44.500 ng
RT: 16.036 min Scan# 2153
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

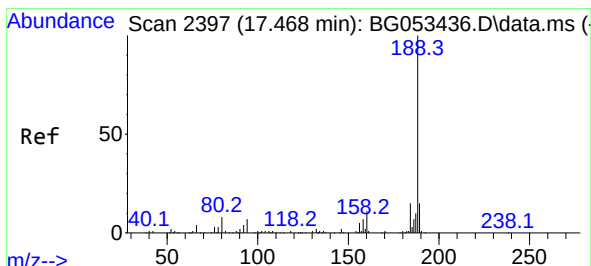
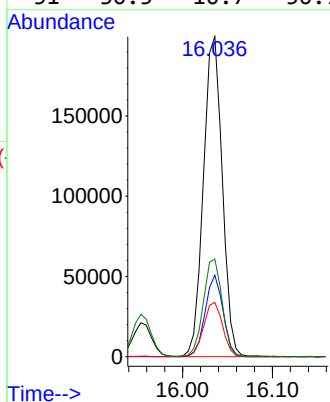
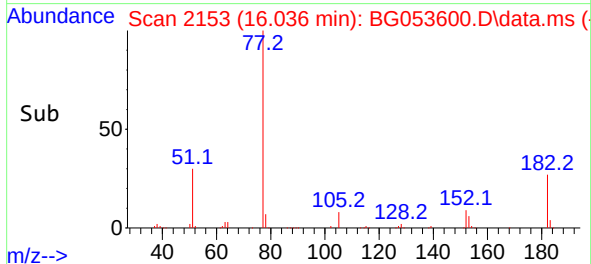


Tgt Ion: 77 Resp: 29107
Ion Ratio Lower Upper
77 100
182 25.4 3.8 43.8
105 16.9 0.0 37.8
51 30.5 10.7 50.7

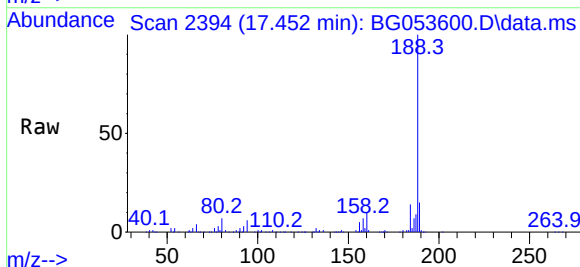
Manual Integrations

APPROVED

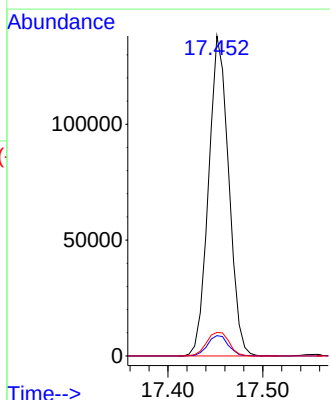
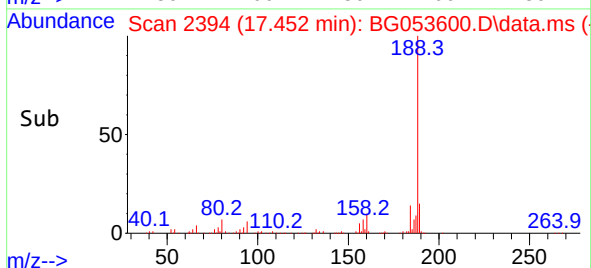
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

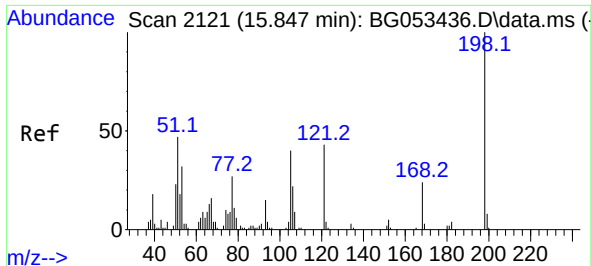


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 2394
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:188 Resp: 204147
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.3 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 44.221 ng
RT: 15.842 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

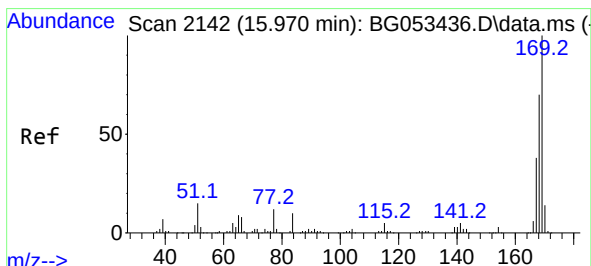
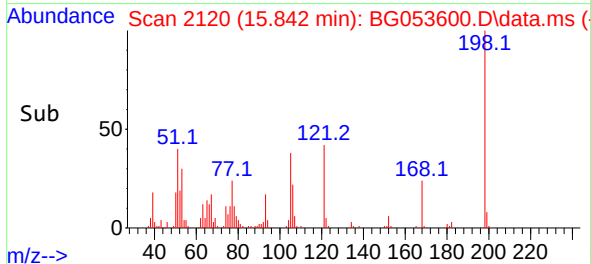
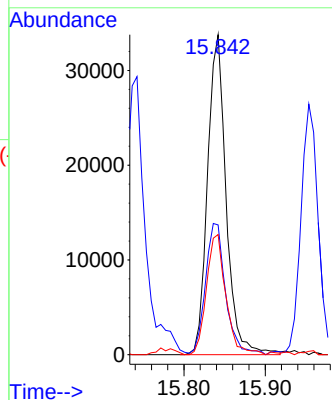
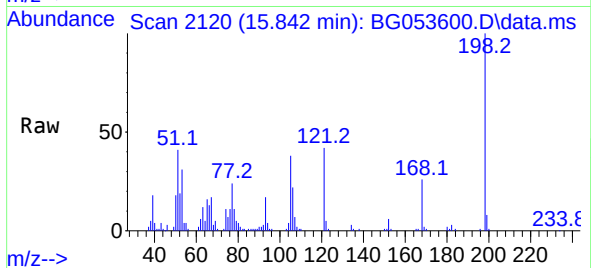
PB144891BSD

Tgt Ion:198 Resp: 5379
Ion Ratio Lower Upper
198 100
51 40.6 28.1 68.1
105 37.6 20.3 60.3

Manual Integrations

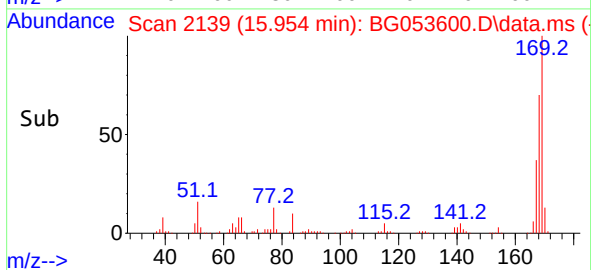
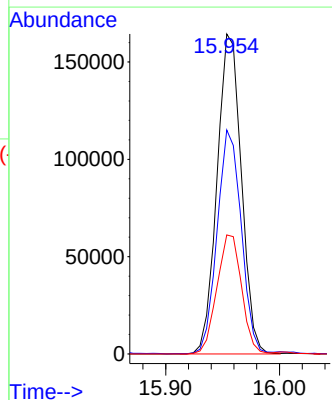
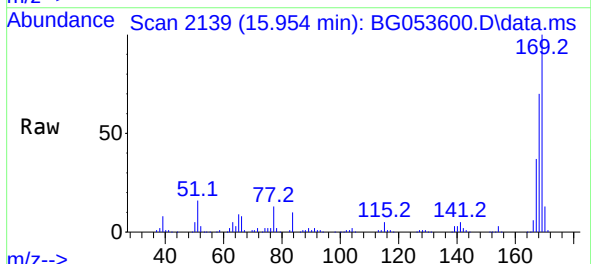
APPROVED

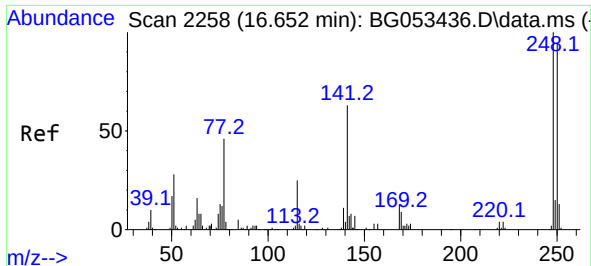
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#66
n-Nitrosodiphenylamine
Concen: 45.610 ng
RT: 15.954 min Scan# 2139
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:169 Resp: 244468
Ion Ratio Lower Upper
169 100
168 70.0 55.9 83.9
167 37.2 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 43.976 ng
RT: 16.635 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

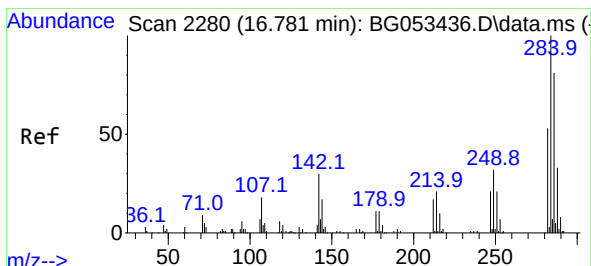
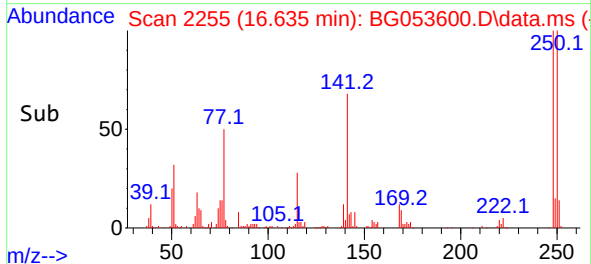
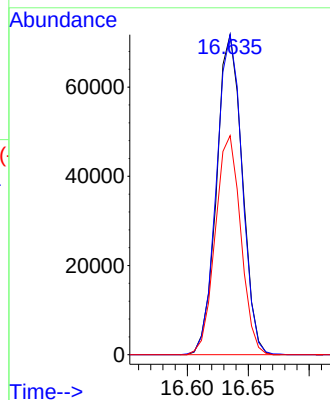
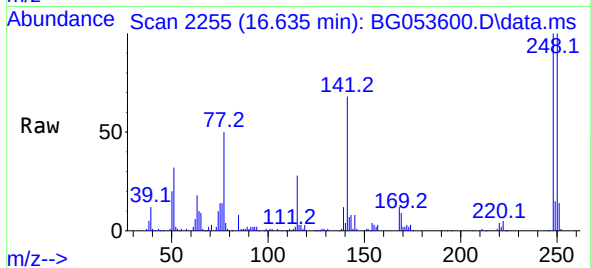
PB144891BSD

Tgt Ion:248 Resp: 10484
Ion Ratio Lower Upper
248 100
250 100.0 75.2 112.8
141 68.5 50.0 75.0

Manual Integrations

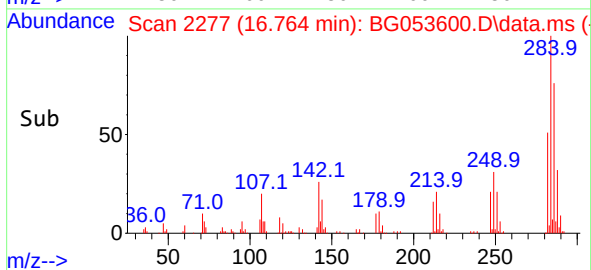
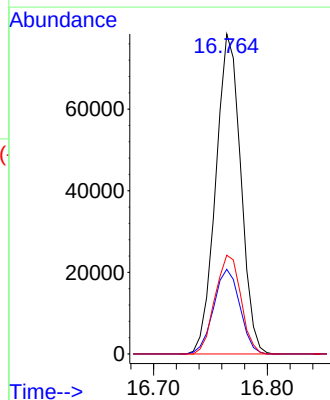
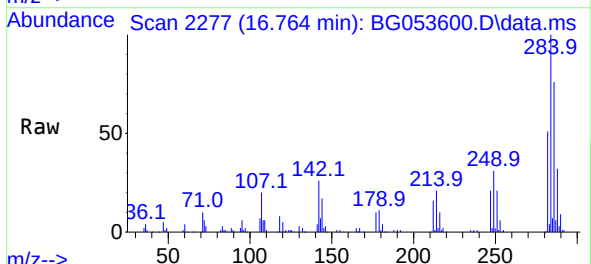
APPROVED

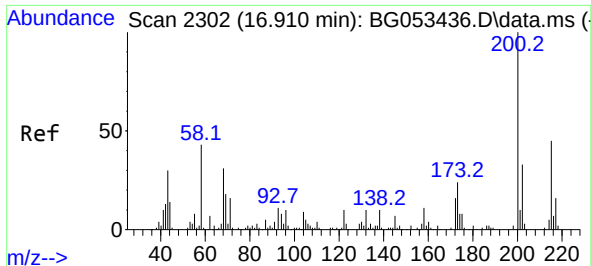
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#68
Hexachlorobenzene
Concen: 45.851 ng
RT: 16.764 min Scan# 2277
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:284 Resp: 119725
Ion Ratio Lower Upper
284 100
142 26.5 23.6 35.4
249 30.8 25.8 38.6





#69
Atrazine
Concen: 46.022 ng
RT: 16.899 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

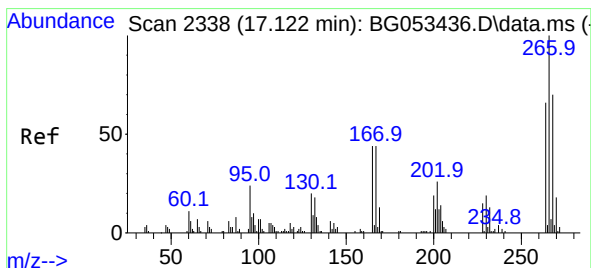
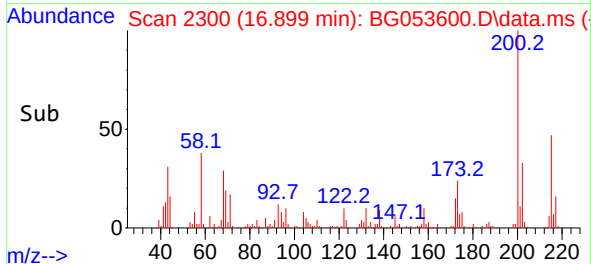
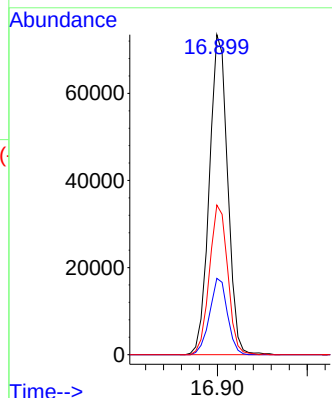
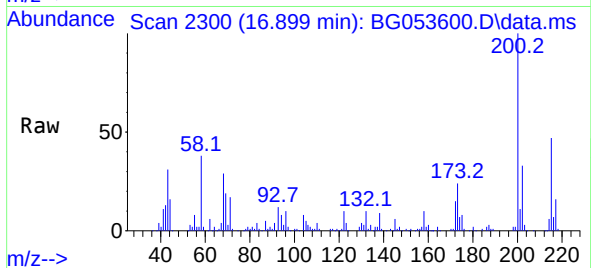
PB144891BSD

Tgt Ion:200 Resp: 10384
Ion Ratio Lower Upper
200 100
173 23.8 3.7 43.7
215 46.8 25.2 65.2

Manual Integrations

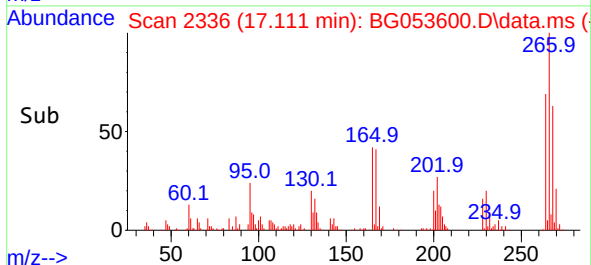
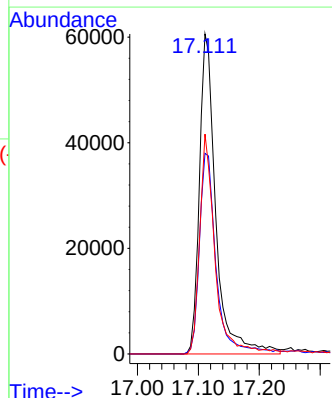
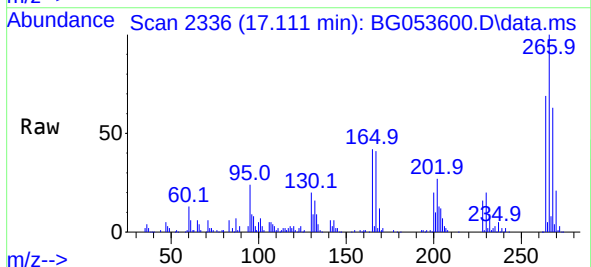
APPROVED

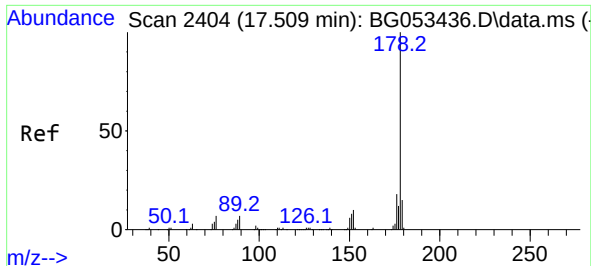
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#70
Pentachlorophenol
Concen: 80.493 ng
RT: 17.111 min Scan# 2336
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

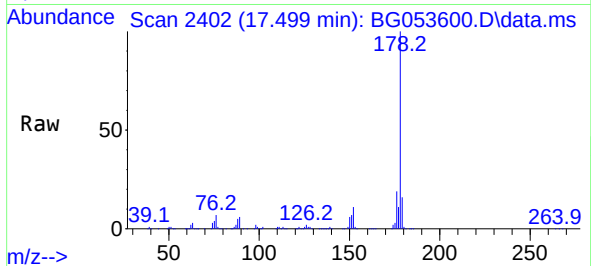
Tgt Ion:266 Resp: 113231
Ion Ratio Lower Upper
266 100
268 62.7 56.2 84.2
264 68.7 53.0 79.4





#71
Phenanthrene
Concen: 44.818 ng
RT: 17.499 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

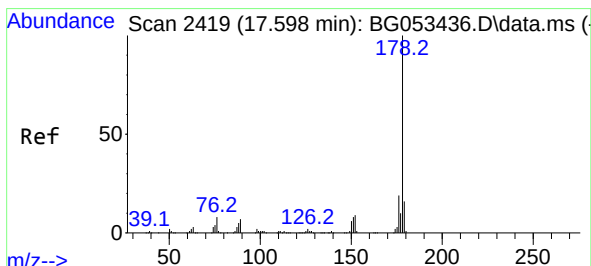
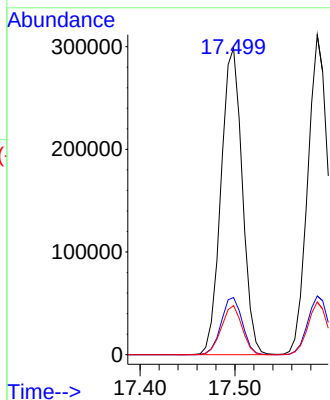
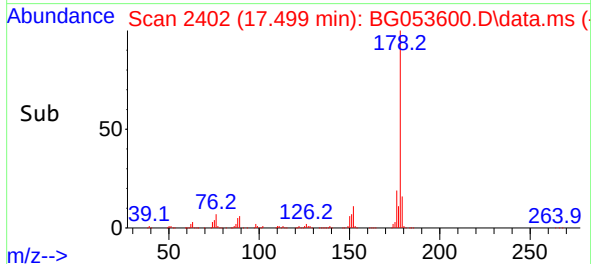
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



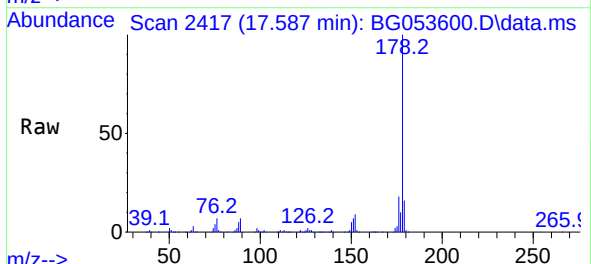
Tgt Ion:178 Resp: 465234
Ion Ratio Lower Upper
178 100
176 18.6 14.1 21.1
179 16.0 12.1 18.1

Manual Integrations
APPROVED

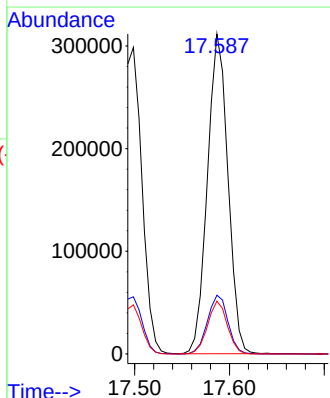
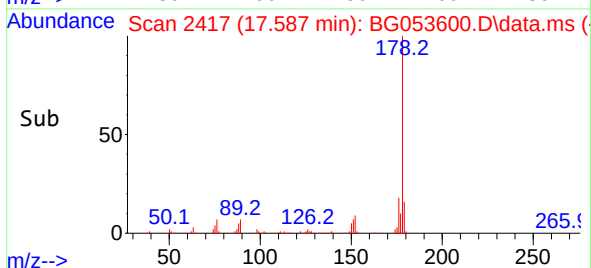
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

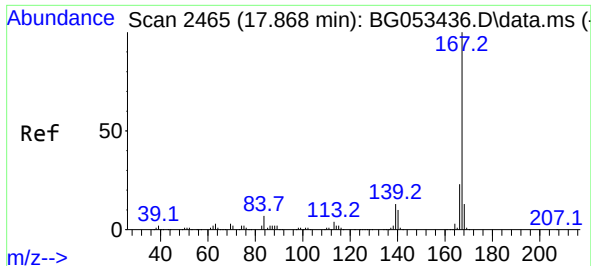


#72
Anthracene
Concen: 46.007 ng
RT: 17.587 min Scan# 2417
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:178 Resp: 469417
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 16.5 13.0 19.4





#73
 Carbazole
 Concen: 42.291 ng
 RT: 17.857 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053600.D
 Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

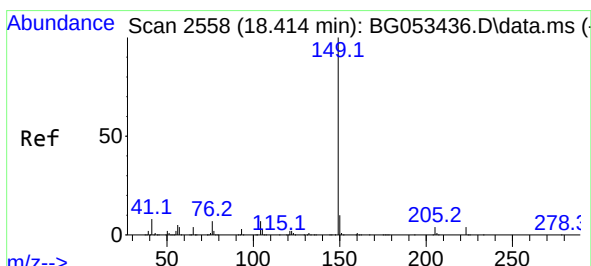
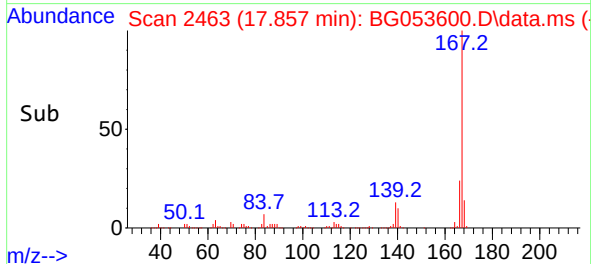
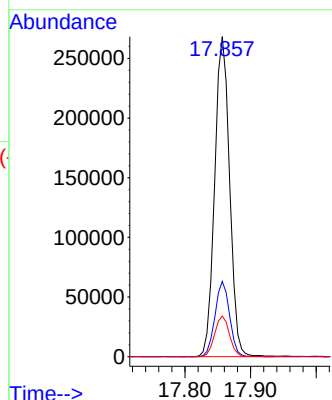
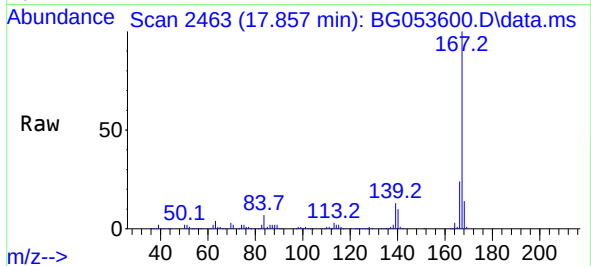
PB144891BSD

Tgt Ion:167 Resp: 422895
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.2
 139 12.7 10.1 15.1

Manual Integrations

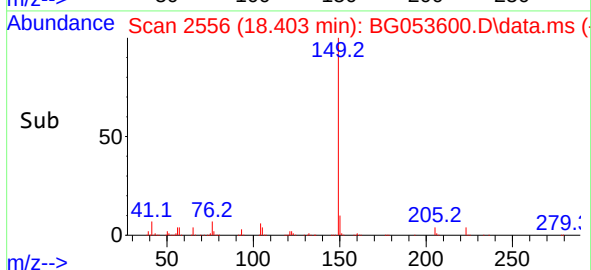
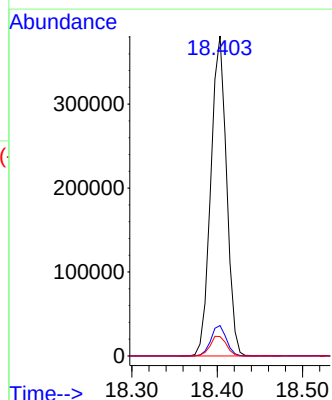
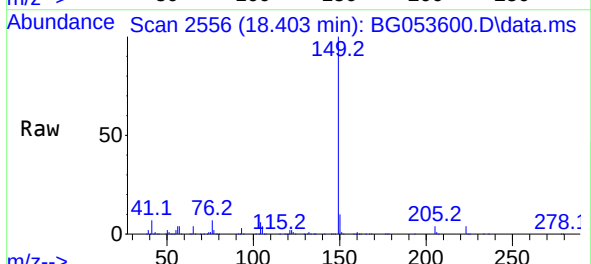
APPROVED

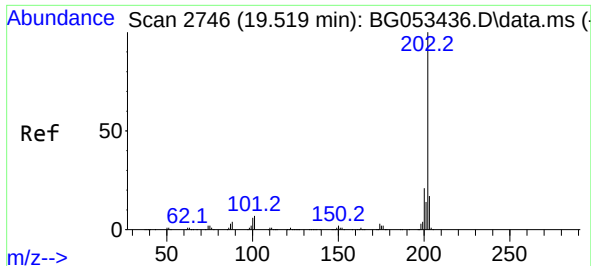
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#74
 Di-n-butylphthalate
 Concen: 43.488 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053600.D
 Acq: 18 May 2022 11:36

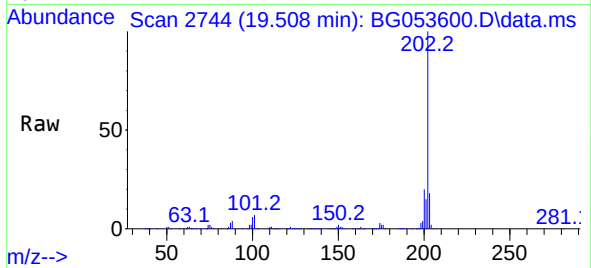
Tgt Ion:149 Resp: 489084
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.0 5.4 8.0





#75
Fluoranthene
Concen: 43.700 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

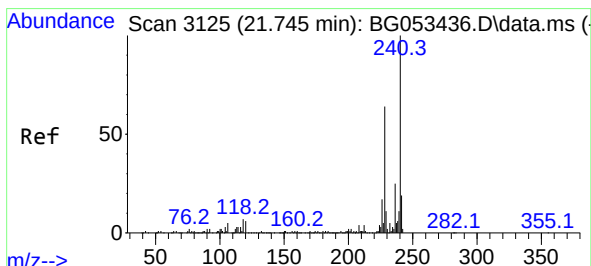
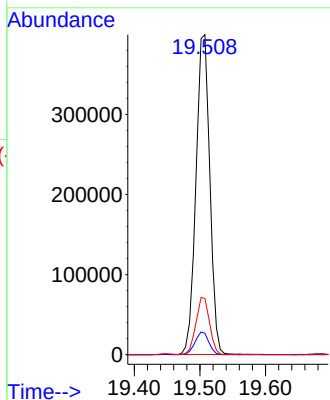
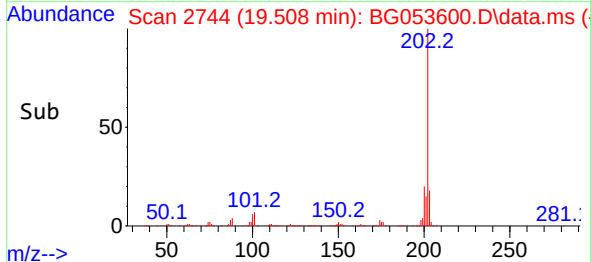
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



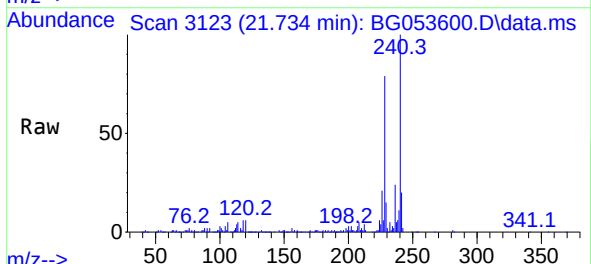
Tgt Ion:202 Resp: 587369
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 17.5 0.0 37.2

Manual Integrations
APPROVED

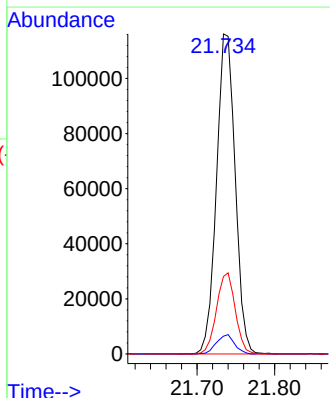
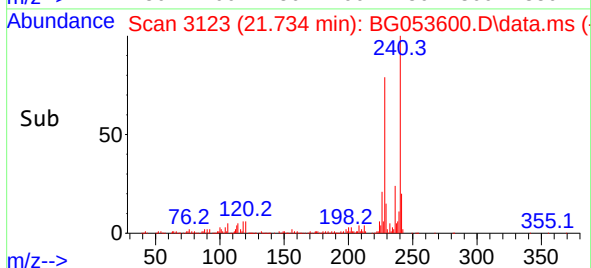
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

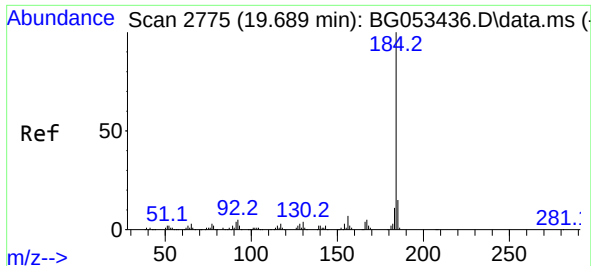


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:240 Resp: 194393
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.2 20.2 30.4





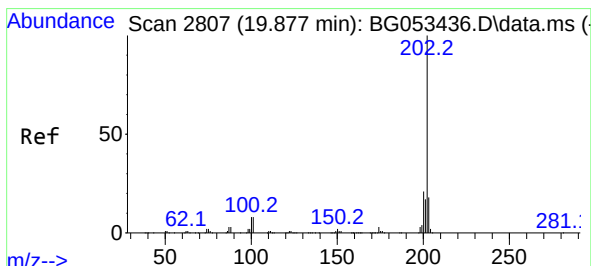
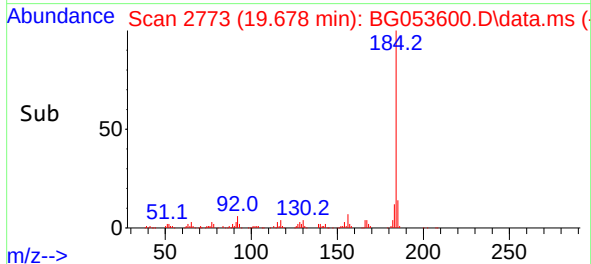
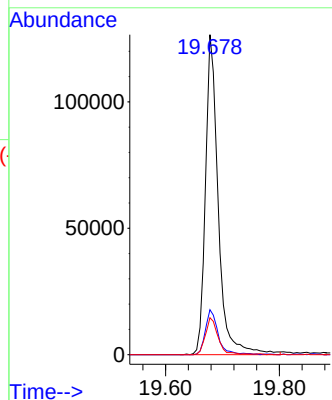
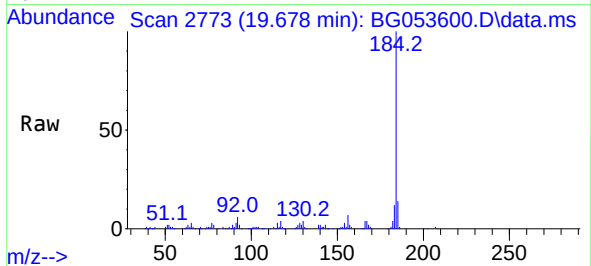
#77
Benzidine
Concen: 47.018 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB144891BSD

Tgt Ion:184 Resp: 197000
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.6 8.9 13.3

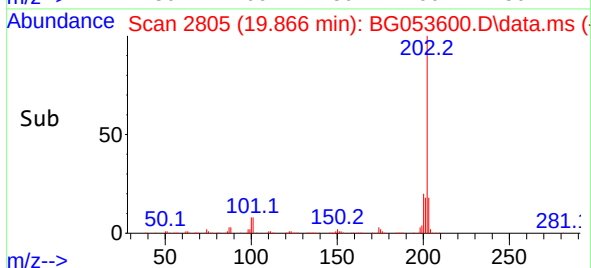
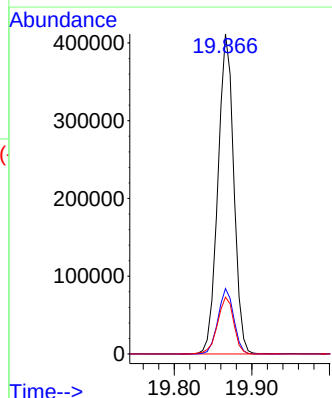
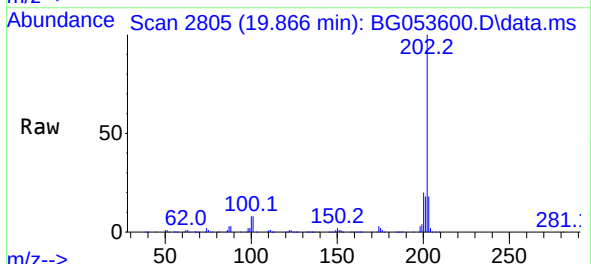
Manual Integrations
APPROVED

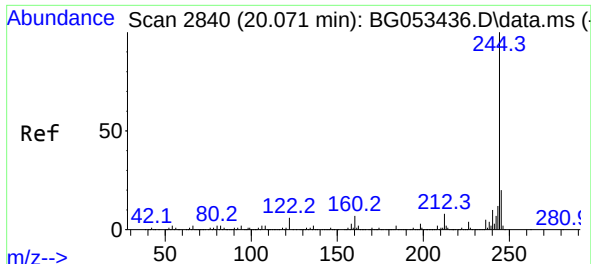
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#78
Pyrene
Concen: 46.479 ng
RT: 19.866 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Tgt Ion:202 Resp: 584890
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.8 14.6 21.8





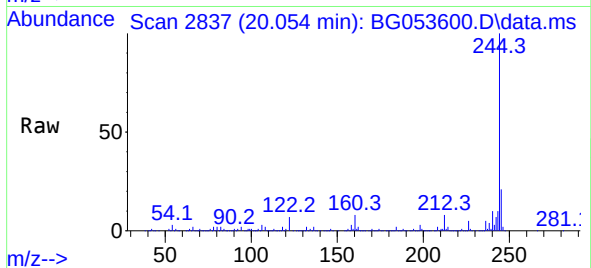
#79
Terphenyl-d14
Concen: 86.114 ng
RT: 20.054 min Scan# 2837
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

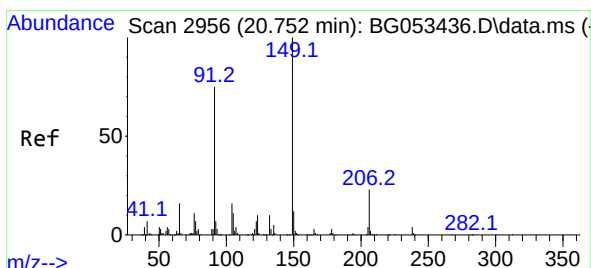
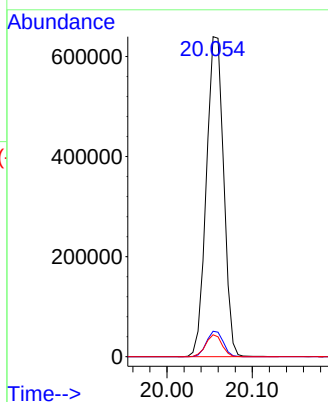
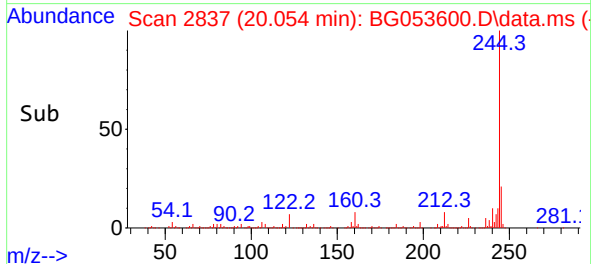


Tgt Ion:244 Resp: 898800
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.9 5.0 7.4

Manual Integrations

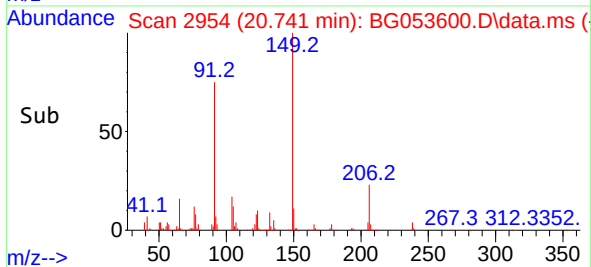
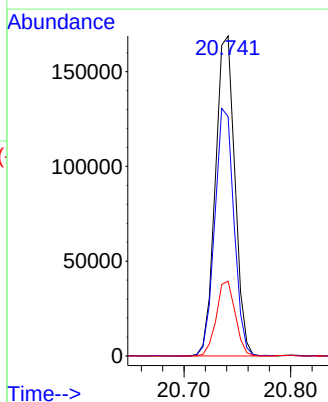
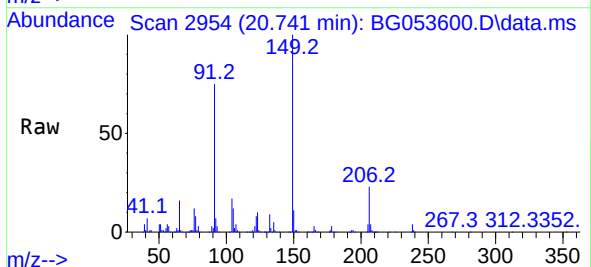
APPROVED

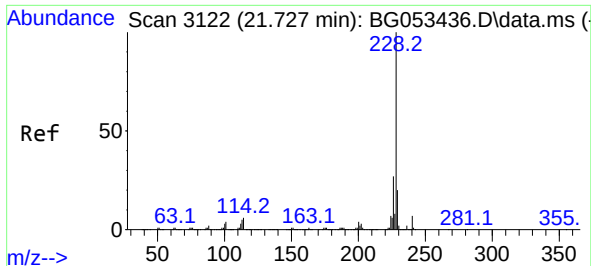
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#80
Butylbenzylphthalate
Concen: 46.420 ng
RT: 20.741 min Scan# 2954
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

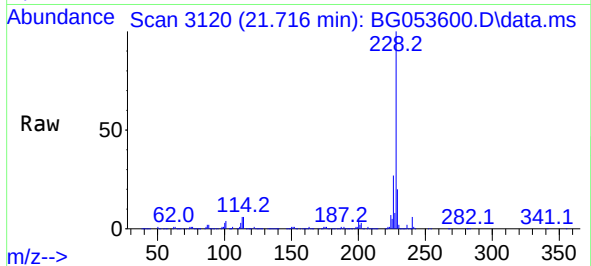
Tgt Ion:149 Resp: 214205
Ion Ratio Lower Upper
149 100
91 74.8 59.6 89.4
206 23.4 18.6 28.0





#81
Benzo(a)anthracene
Concen: 44.557 ng
RT: 21.716 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

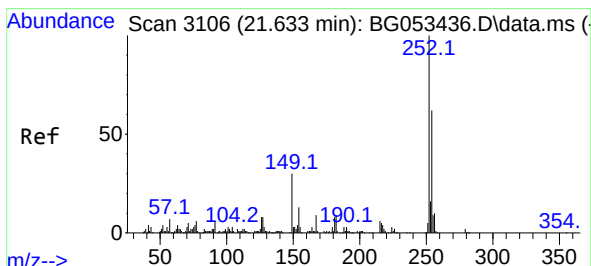
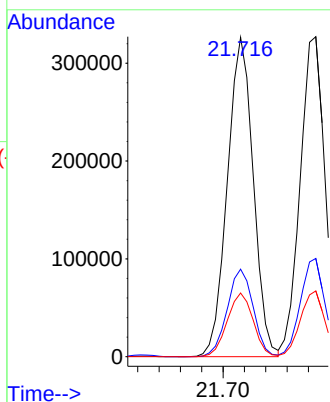
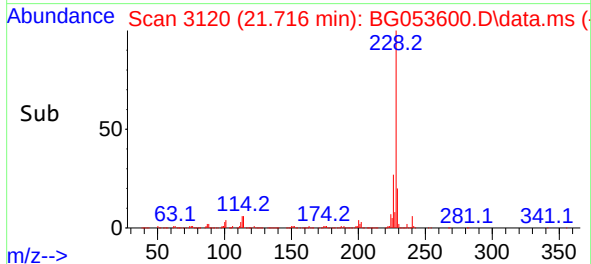
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



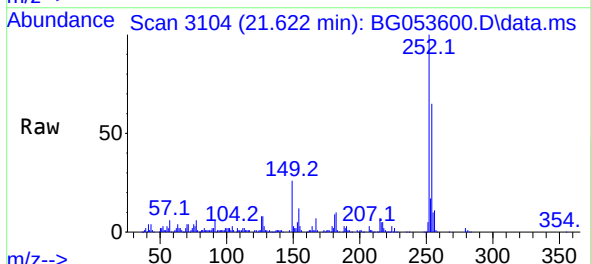
Tgt Ion:228 Resp: 55245
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.9 16.2 24.2

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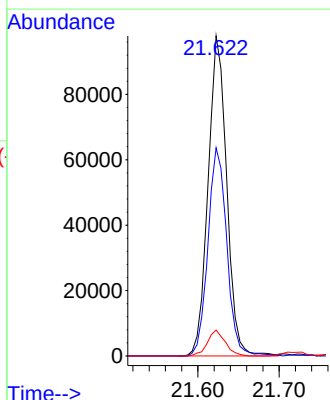
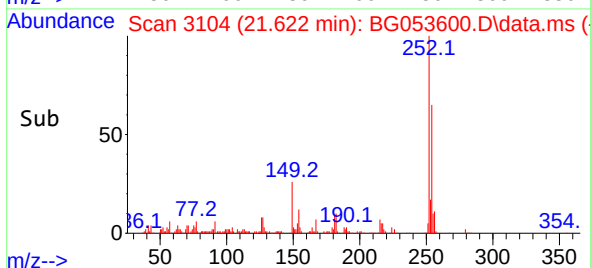
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

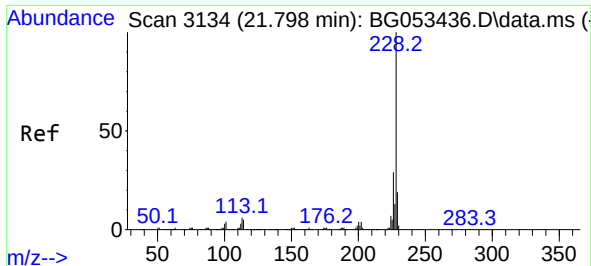


#82
3,3'-Dichlorobenzidine
Concen: 49.551 ng
RT: 21.622 min Scan# 3104
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



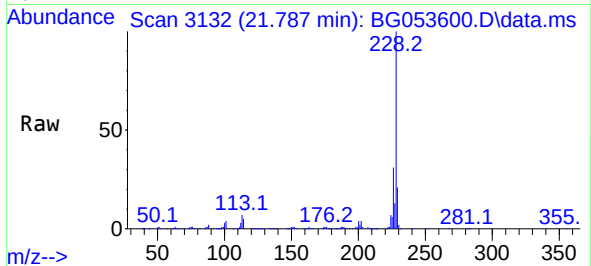
Tgt Ion:252 Resp: 155797
Ion Ratio Lower Upper
252 100
254 65.1 49.8 74.8
126 8.1 6.0 9.0





#83
Chrysene
Concen: 45.817 ng
RT: 21.787 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

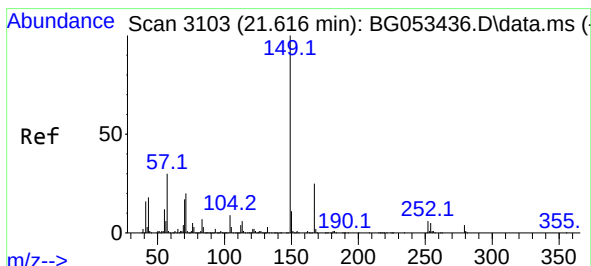
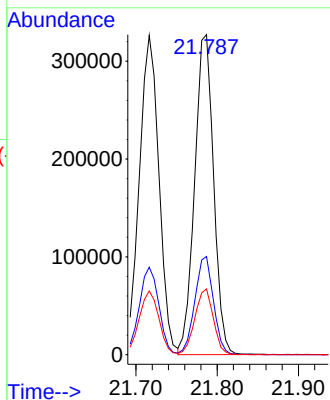
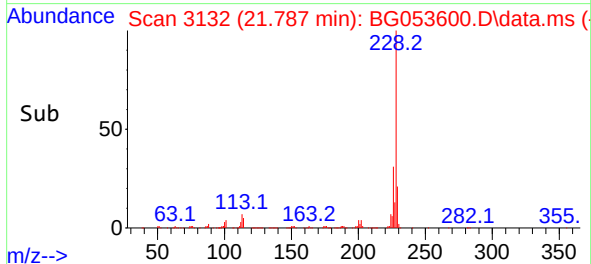
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



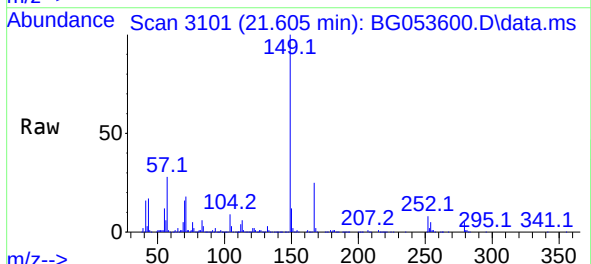
Tgt Ion:228 Resp: 53056
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 20.6 15.5 23.3

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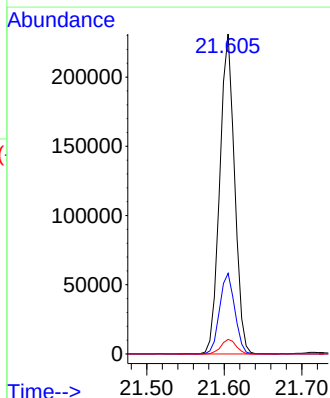
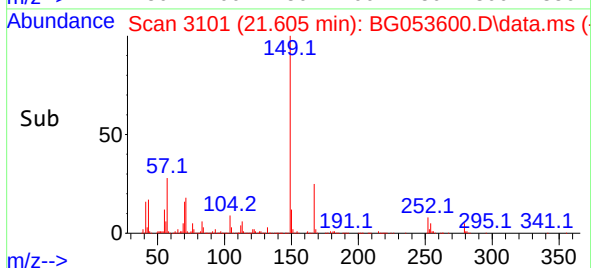
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

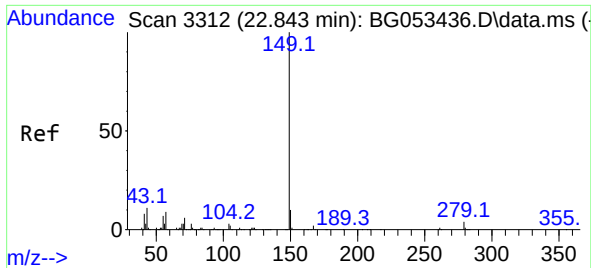


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.384 ng
RT: 21.605 min Scan# 3101
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



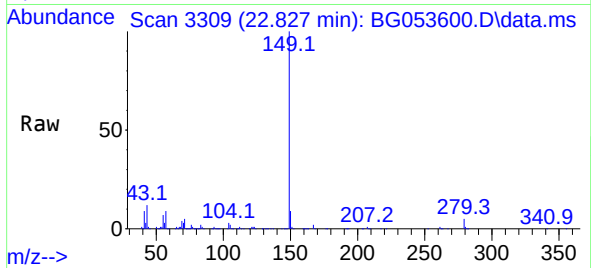
Tgt Ion:149 Resp: 308162
Ion Ratio Lower Upper
149 100
167 25.2 20.2 30.4
279 4.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 47.795 ng
RT: 22.827 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

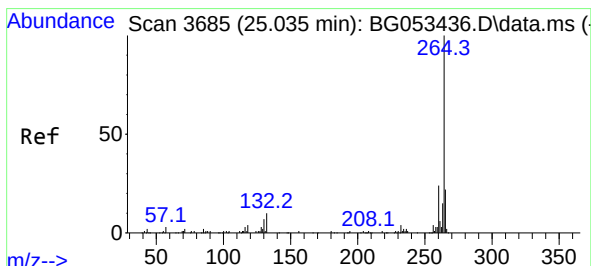
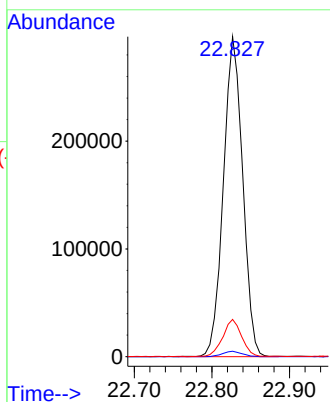
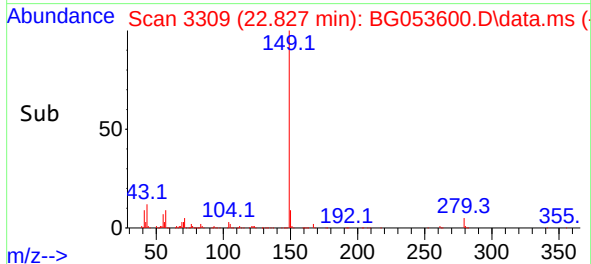
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



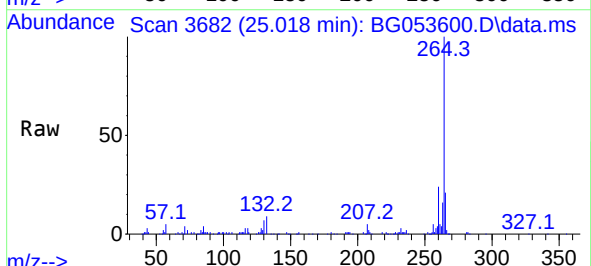
Tgt Ion:149 Resp: 51475
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 9.0 13.4

Manual Integrations
APPROVED

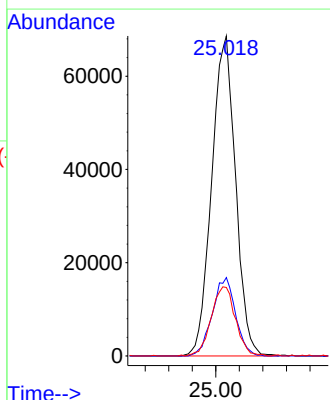
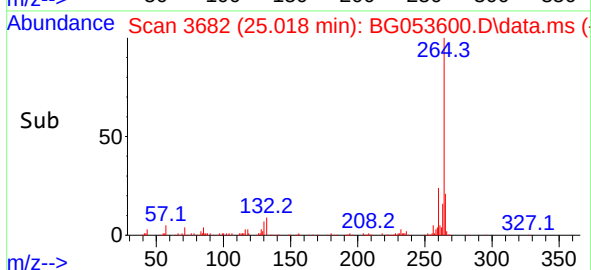
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

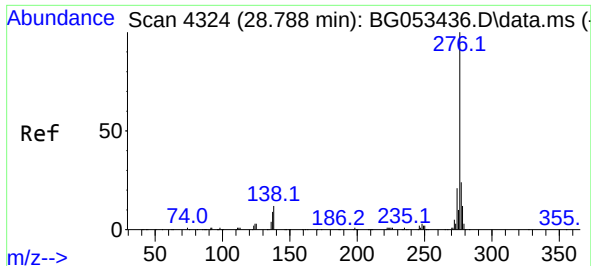


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



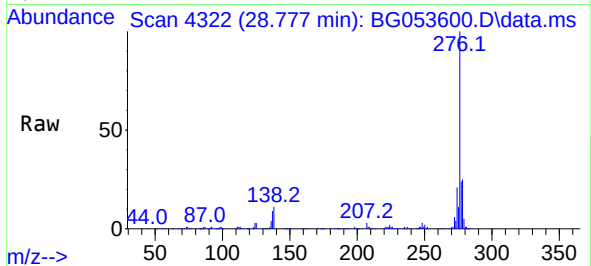
Tgt Ion:264 Resp: 192947
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.127 ng
RT: 28.777 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

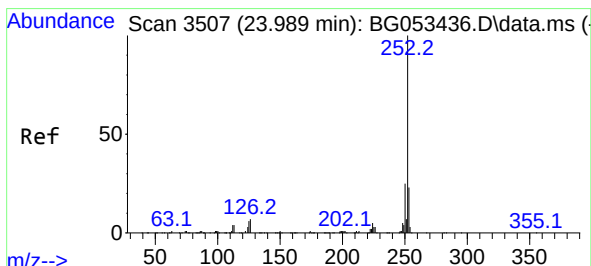
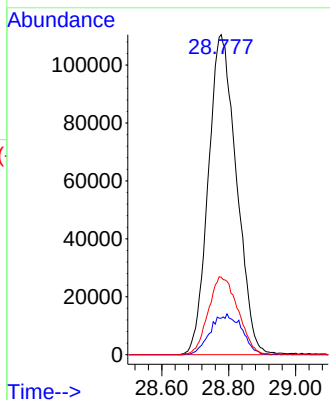
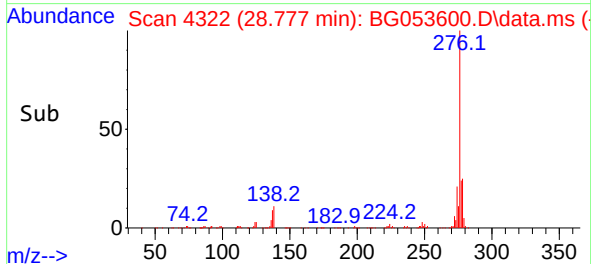
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



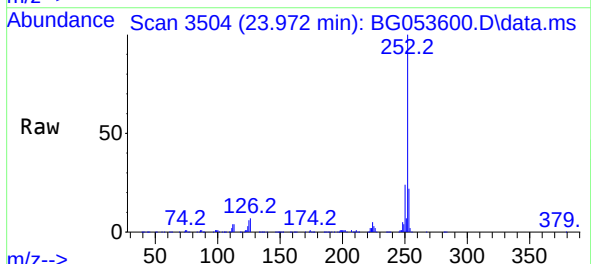
Tgt Ion:276 Resp: 646740
Ion Ratio Lower Upper
276 100
138 0.0 5.0 7.4
277 25.6 20.3 30.5

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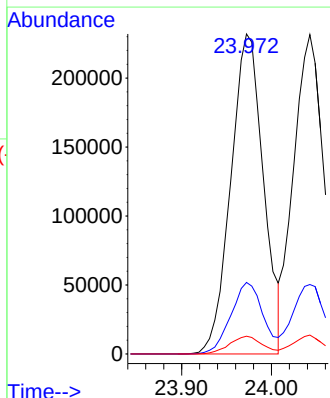
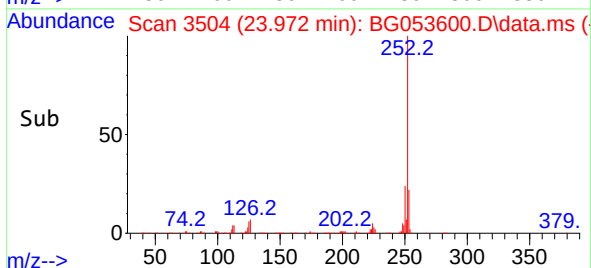
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

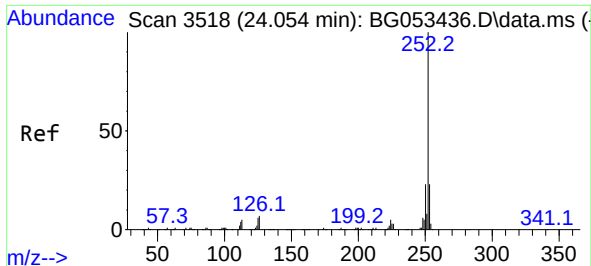


#88
Benzo(b)fluoranthene
Concen: 51.283 ng
RT: 23.972 min Scan# 3504
Delta R.T. -0.008 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:252 Resp: 585696
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 5.5 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 48.514 ng

RT: 24.043 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053600.D

Acq: 18 May 2022 11:36

Instrument :

BNA_G

ClientSampleId :

PB144891BSD

Tgt Ion:252 Resp: 54446

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

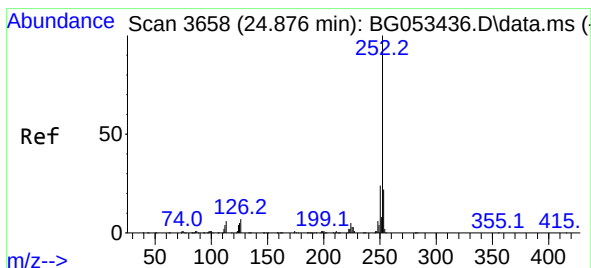
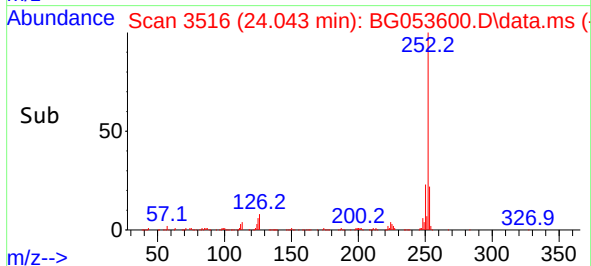
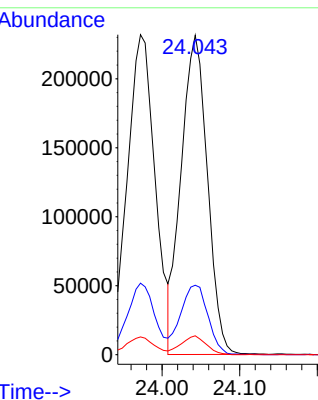
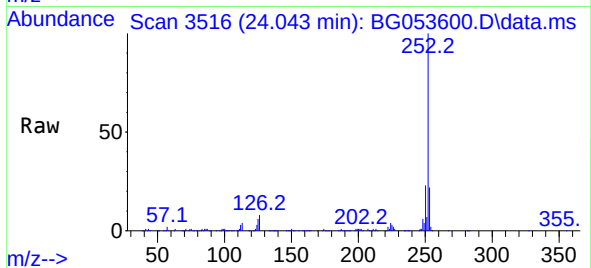
125 5.9 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#90

Benzo(a)pyrene

Concen: 56.921 ng

RT: 24.865 min Scan# 3656

Delta R.T. -0.002 min

Lab File: BG053600.D

Acq: 18 May 2022 11:36

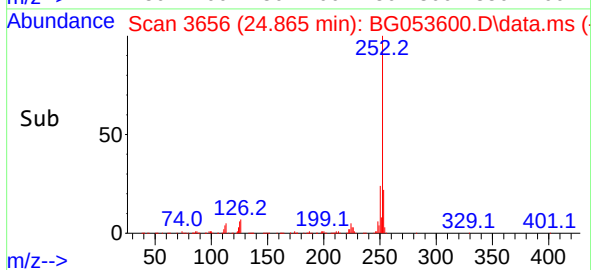
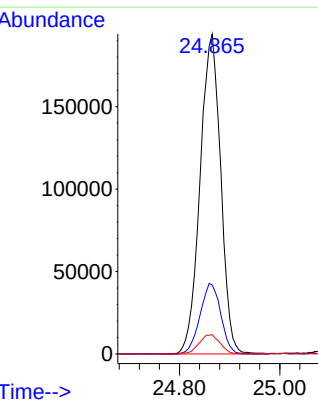
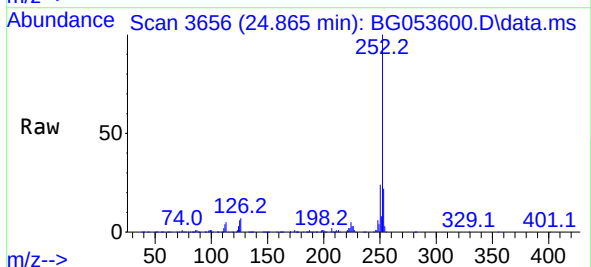
Tgt Ion:252 Resp: 553315

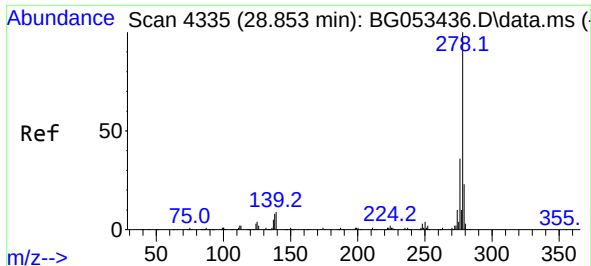
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

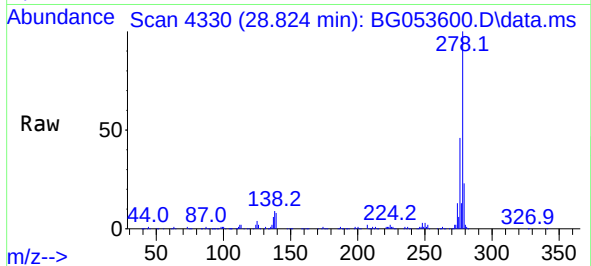
125 6.0 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 49.653 ng
RT: 28.824 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36

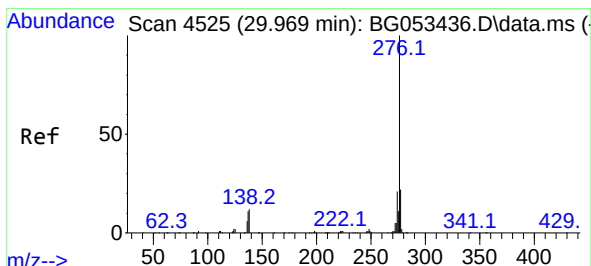
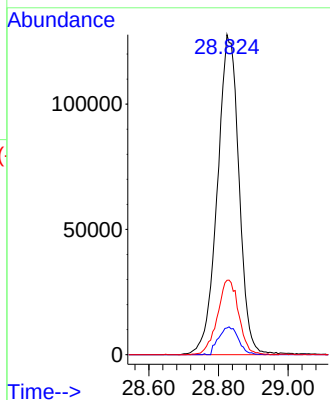
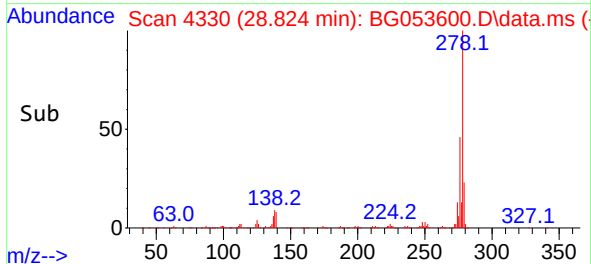
Instrument :
BNA_G
ClientSampleId :
PB144891BSD



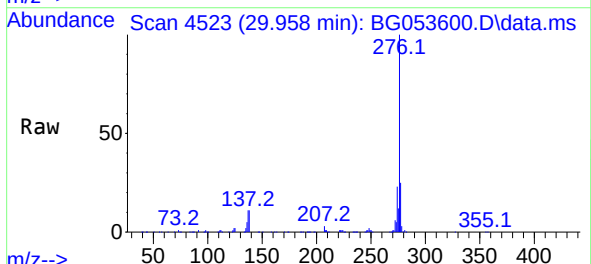
Tgt Ion:278 Resp: 54981
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 23.2 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.495 ng
RT: 29.958 min Scan# 4523
Delta R.T. 0.004 min
Lab File: BG053600.D
Acq: 18 May 2022 11:36



Tgt Ion:276 Resp: 543267
Ion Ratio Lower Upper
276 100
277 24.5 17.3 25.9
138 11.2 9.6 14.4

