

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053488.D
 Acq On : 9 May 2022 11:42
 Operator : CG/JU
 Sample : PB144630BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144630BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 16:20:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	22218	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	97938	20.000	ng	#-0.01
39) Acenaphthene-d10	14.714	164	82777	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	202676	20.000	ng	-0.01
76) Chrysene-d12	21.740	240	204986	20.000	ng	0.00
86) Perylene-d12	25.024	264	211971	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	182778	139.616	ng	-0.01
7) Phenol-d6	7.254	99	270311	136.051	ng	0.00
23) Nitrobenzene-d5	9.251	82	185174	80.485	ng	-0.01
42) 2,4,6-Tribromophenol	16.206	330	148671	121.775	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	428527	75.649	ng	0.00
79) Terphenyl-d14	20.066	244	904091	82.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	21991	32.015	ng	98
3) Pyridine	3.935	79	44787m	26.699	ng	
4) n-Nitrosodimethylamine	3.847	42	35596	43.561	ng	94
6) Aniline	7.412	93	94675	43.023	ng	100
8) 2-Chlorophenol	7.659	128	68917	50.356	ng	96
9) Benzaldehyde	7.224	77	41191m	32.634	ng	
10) Phenol	7.277	94	101323	52.143	ng	96
11) bis(2-Chloroethyl)ether	7.500	93	66596	45.952	ng	95
12) 1,3-Dichlorobenzene	7.982	146	68083	42.169	ng	97
13) 1,4-Dichlorobenzene	8.123	146	68740	42.191	ng	97
14) 1,2-Dichlorobenzene	8.446	146	68164	44.554	ng	96
15) Benzyl Alcohol	8.329	79	83335m	50.170	ng	
16) 2,2'-oxybis(1-Chloropr...	8.617	45	111444	47.248	ng	97
17) 2-Methylphenol	8.534	107	68142	51.883	ng	98
18) Hexachloroethane	9.181	117	26246	42.421	ng	98
19) n-Nitroso-di-n-propyla...	8.893	70	65425	45.895	ng	96
20) 3+4-Methylphenols	8.863	107	90593	48.840	ng	98
22) Acetophenone	8.910	105	116037	43.290	ng	# 97
24) Nitrobenzene	9.298	77	99361	44.620	ng	98
25) Isophorone	9.815	82	178382	46.070	ng	98
26) 2-Nitrophenol	10.009	139	40929	45.381	ng	96
27) 2,4-Dimethylphenol	10.068	122	72264	53.241	ng	94
28) bis(2-Chloroethoxy)met...	10.297	93	96280	43.235	ng	99
29) 2,4-Dichlorophenol	10.549	162	78860	48.140	ng	94
30) 1,2,4-Trichlorobenzene	10.761	180	79141	42.521	ng	95
31) Naphthalene	10.949	128	214329	43.022	ng	98
32) Benzoic acid	10.238	122	32393m	39.916	ng	
33) 4-Chloroaniline	11.054	127	70666	33.870	ng	96
34) Hexachlorobutadiene	11.237	225	56476	40.921	ng	98
35) Caprolactam	11.824	113	27765m	46.641	ng	
36) 4-Chloro-3-methylphenol	12.176	107	94654	48.305	ng	100
37) 2-Methylnaphthalene	12.552	142	169296	45.536	ng	100
38) 1-Methylnaphthalene	12.770	142	157919	43.535	ng	95
40) 1,2,4,5-Tetrachloroben...	12.917	216	106610	40.859	ng	98
41) Hexachlorocyclopentadiene	12.899	237	96989	90.014	ng	99
43) 2,4,6-Trichlorophenol	13.157	196	72664	42.664	ng	98

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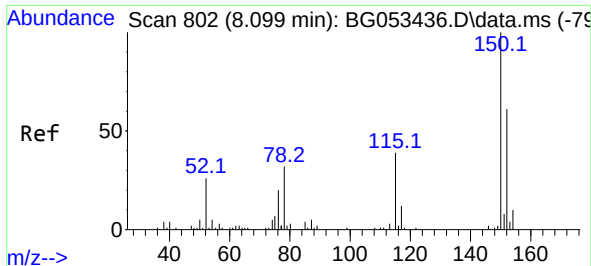
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	79891	44.073	ng	98
46) 1,1'-Biphenyl	13.551	154	235226	41.689	ng	98
47) 2-Chloronaphthalene	13.598	162	180647	40.864	ng	98
48) 2-Nitroaniline	13.792	65	75022	45.544	ng	99
49) Acenaphthylene	14.438	152	302717	42.913	ng	100
50) Dimethylphthalate	14.162	163	269474	42.840	ng	99
51) 2,6-Dinitrotoluene	14.285	165	57753	45.066	ng	98
52) Acenaphthene	14.779	154	223662m	53.203	ng	
53) 3-Nitroaniline	14.620	138	46301	33.438	ng	100
54) 2,4-Dinitrophenol	14.832	184	66366	81.460	ng	97
55) Dibenzofuran	15.114	168	307797	40.762	ng	97
56) 4-Nitrophenol	14.932	139	89892	90.891	ng	93
57) 2,4-Dinitrotoluene	15.078	165	84651	45.570	ng	# 90
58) Fluorene	15.760	166	259308	42.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.343	232	79767	43.371	ng	100
60) Diethylphthalate	15.519	149	280152	43.116	ng	99
61) 4-Chlorophenyl-phenyle...	15.748	204	141826	41.943	ng	99
62) 4-Nitroaniline	15.783	138	61116	42.554	ng	99
63) Azobenzene	16.042	77	285622	42.927	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	52005	43.061	ng	99
66) n-Nitrosodiphenylamine	15.960	169	236337	44.413	ng	98
67) 4-Bromophenyl-phenylether	16.641	248	101745	42.984	ng	94
68) Hexachlorobenzene	16.770	284	114585	44.202	ng	97
69) Atrazine	16.905	200	102954	45.958	ng	95
70) Pentachlorophenol	17.117	266	112804	80.755	ng	94
71) Phenanthrene	17.505	178	457431	44.386	ng	98
72) Anthracene	17.593	178	464914	45.897	ng	99
73) Carbazole	17.863	167	421350	42.442	ng	99
74) Di-n-butylphthalate	18.409	149	493084	44.162	ng	99
75) Fluoranthene	19.508	202	601051	45.043	ng	98
77) Benzidine	19.684	184	230078	52.075	ng	100
78) Pyrene	19.872	202	594580	44.807	ng	99
80) Butylbenzylphthalate	20.741	149	215854	44.360	ng	94
81) Benzo(a)anthracene	21.722	228	569501	43.558	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	158544	47.819	ng	97
83) Chrysene	21.787	228	546092	44.721	ng	97
84) Bis(2-ethylhexyl)phtha...	21.611	149	305451	45.480	ng	99
85) Di-n-octyl phthalate	22.833	149	527176	46.419	ng	99
87) Indeno(1,2,3-cd)pyrene	28.789	276	688622	46.644	ng	# 95
88) Benzo(b)fluoranthene	23.978	252	615321	49.042	ng	100
89) Benzo(k)fluoranthene	24.049	252	571261	46.333	ng	98
90) Benzo(a)pyrene	24.871	252	586623	54.931	ng	99
91) Dibenzo(a,h)anthracene	28.848	278	571161	46.952	ng	98
92) Benzo(g,h,i)perylene	29.964	276	575154	47.697	ng	97

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



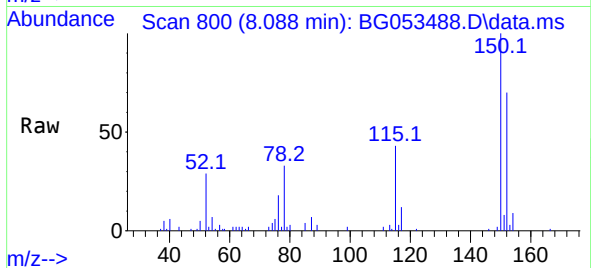
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

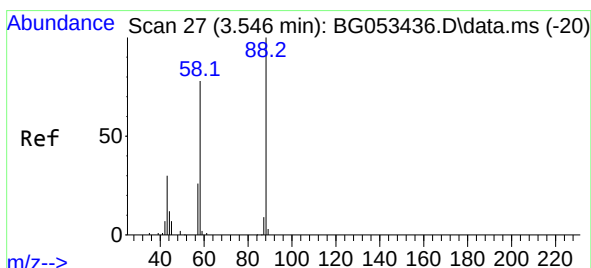
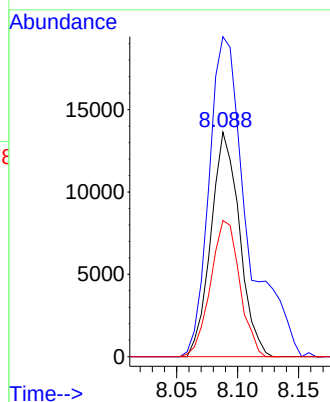
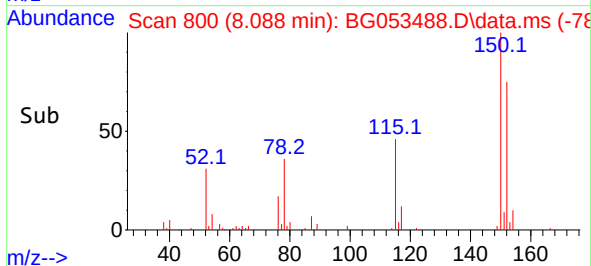


Tgt Ion:152 Resp: 22218
Ion Ratio Lower Upper
152 100
150 142.6 131.6 197.4
115 60.7 50.9 76.3

Manual Integrations

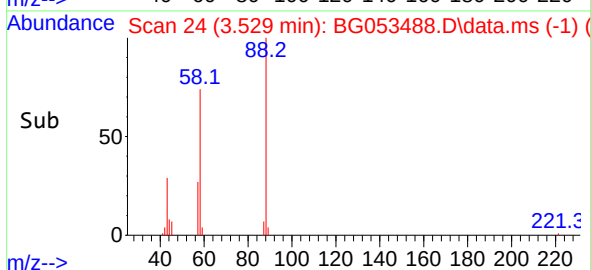
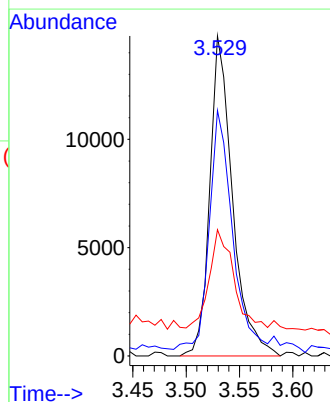
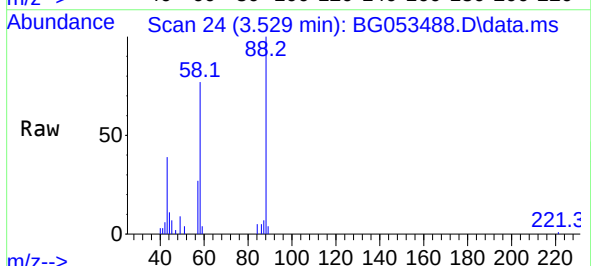
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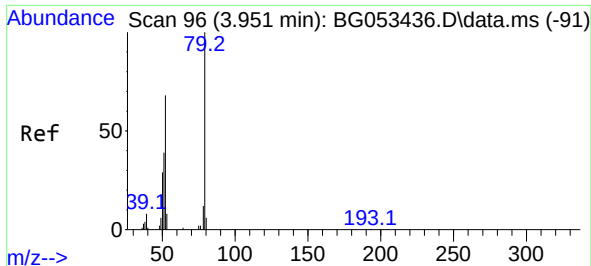
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#2
1,4-Dioxane
Concen: 32.015 ng
RT: 3.529 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion: 88 Resp: 21991
Ion Ratio Lower Upper
88 100
58 74.9 59.2 88.8
43 32.0 24.3 36.5





#3
Pyridine
Concen: 26.699 ng m
RT: 3.935 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

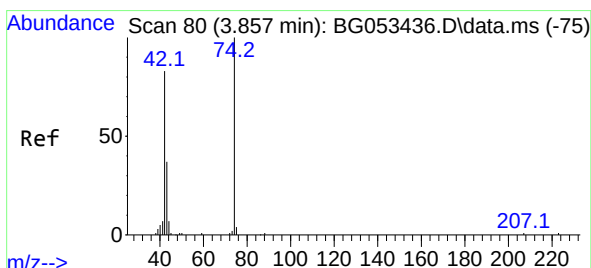
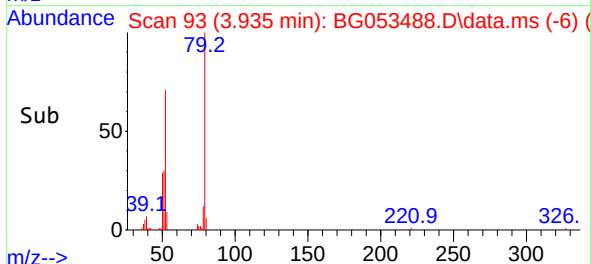
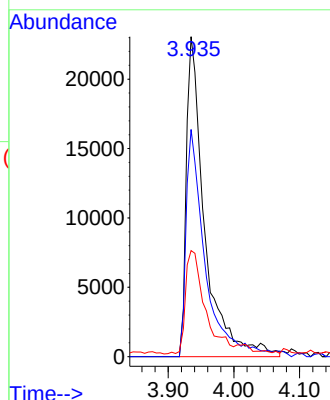
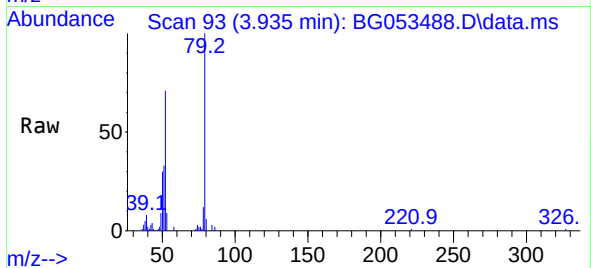
PB144630BS

Tgt Ion: 79 Resp: 4478
Ion Ratio Lower Upper
79 100
52 71.0 54.6 81.8
51 33.2 32.5 48.7

Manual Integrations

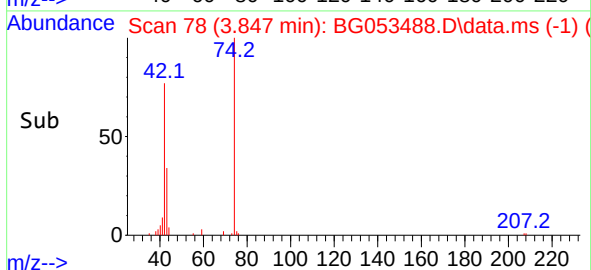
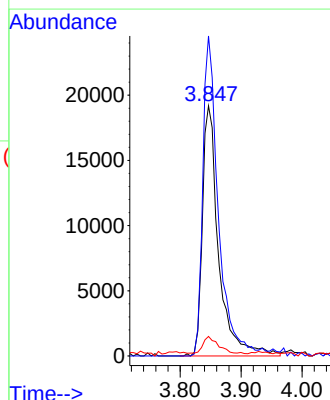
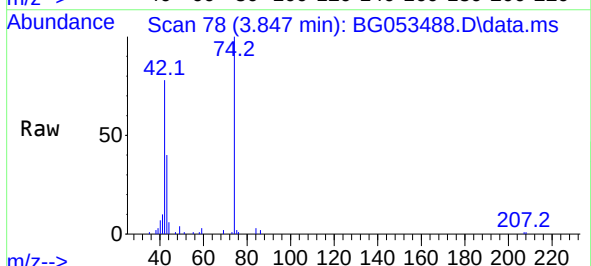
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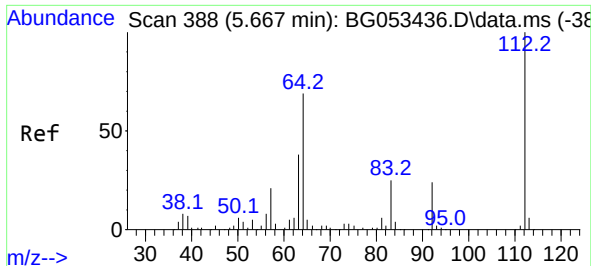
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#4
n-Nitrosodimethylamine
Concen: 43.561 ng
RT: 3.847 min Scan# 78
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion: 42 Resp: 35596
Ion Ratio Lower Upper
42 100
74 127.9 97.0 145.4
44 7.8 7.0 10.4





#5
2-Fluorophenol
Concen: 139.616 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

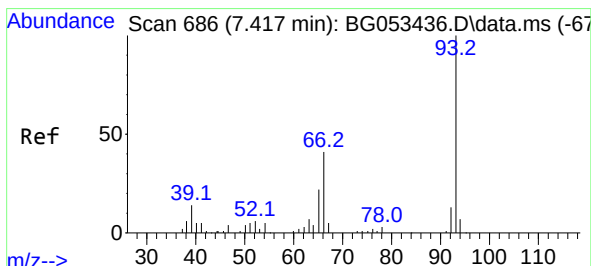
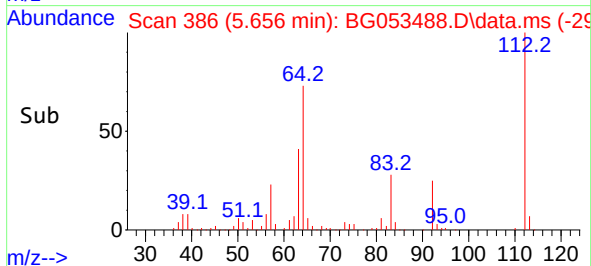
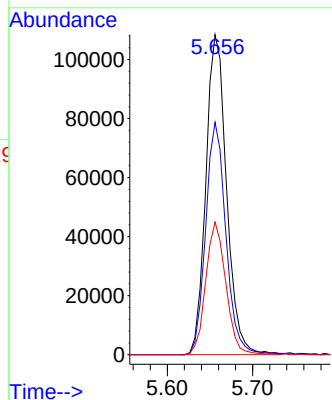
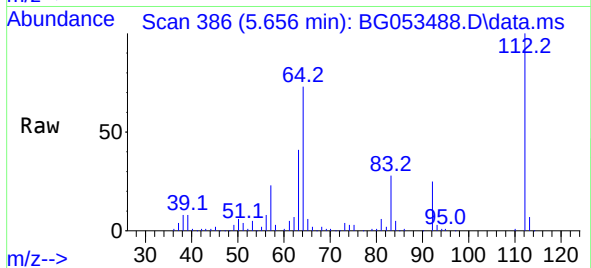
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Tgt Ion:112 Resp: 182778
Ion Ratio Lower Upper
112 100
64 72.6 55.1 82.7
63 41.5 30.4 45.6

Manual Integrations

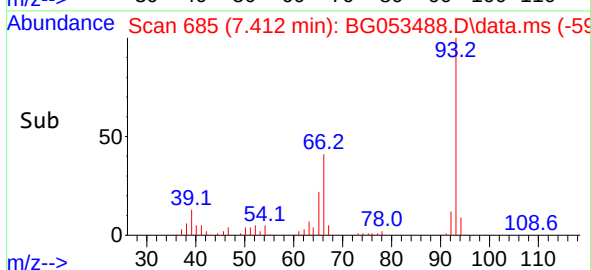
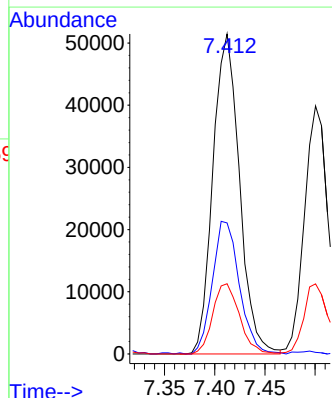
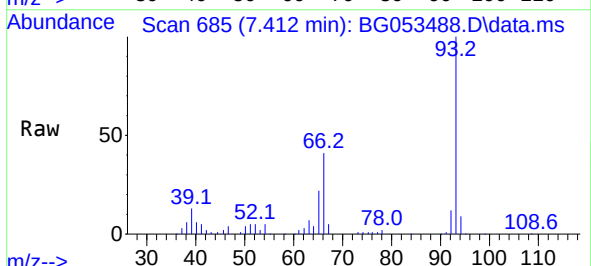
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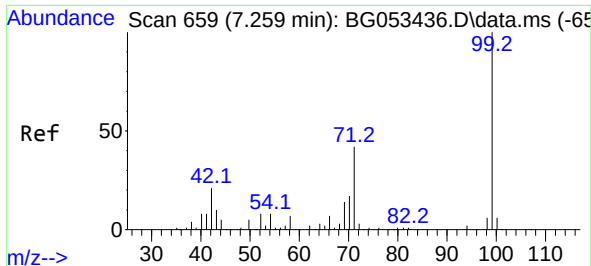
Reviewed By :Christian Giraldo 05/10/2022
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#6
Aniline
Concen: 43.023 ng
RT: 7.412 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion: 93 Resp: 94675
Ion Ratio Lower Upper
93 100
66 41.0 32.9 49.3
65 22.0 17.8 26.8





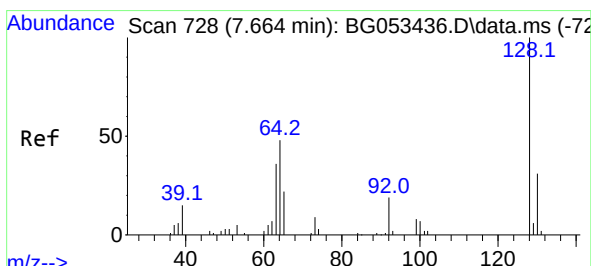
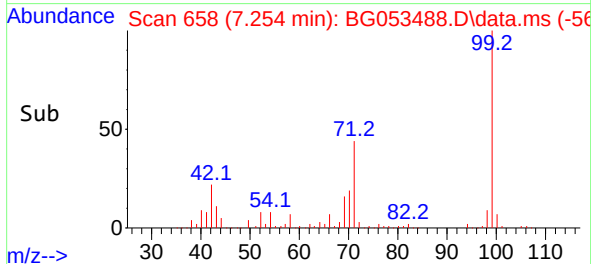
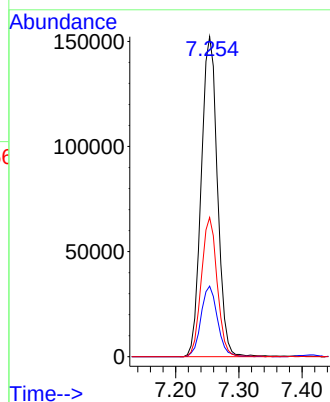
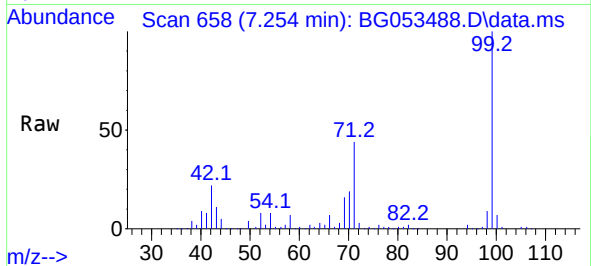
#7
Phenol-d6
Concen: 136.051 ng
RT: 7.254 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :
BNA_G
ClientSampleId :
PB144630BS

Tgt Ion: 99 Resp: 27031
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 43.5 33.8 50.8

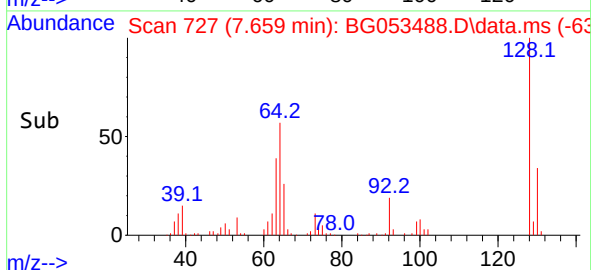
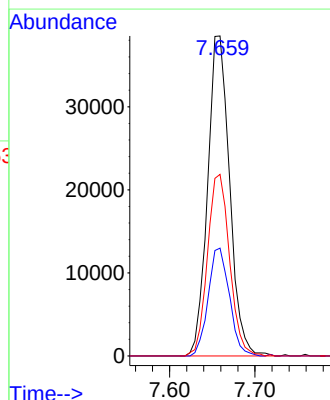
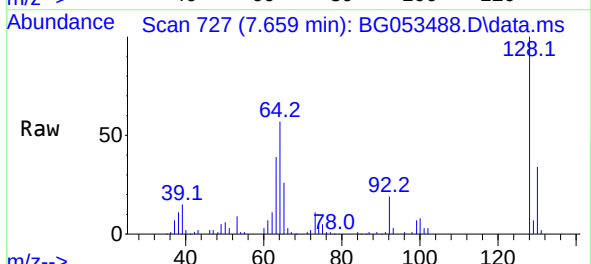
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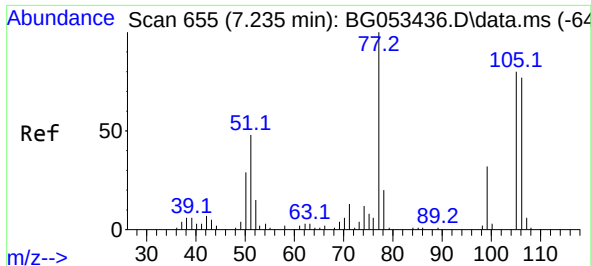
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#8
2-Chlorophenol
Concen: 50.356 ng
RT: 7.659 min Scan# 727
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

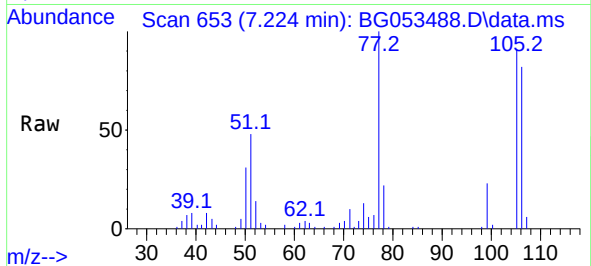
Tgt Ion:128 Resp: 68917
Ion Ratio Lower Upper
128 100
130 33.7 10.5 50.5
64 56.8 35.1 75.1





#9
Benzaldehyde
Concen: 32.634 ng m
RT: 7.224 min Scan# 611
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

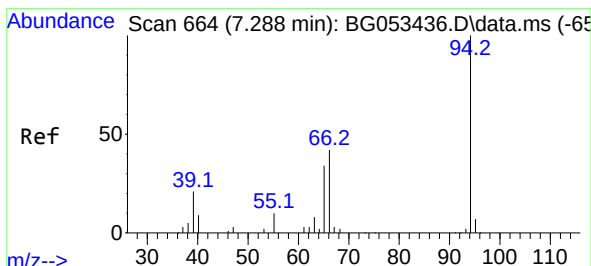
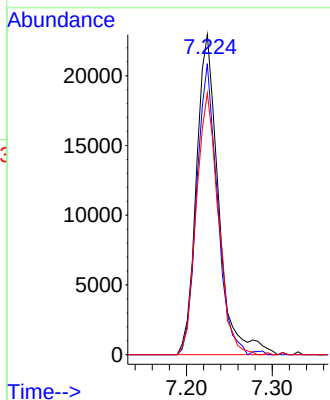
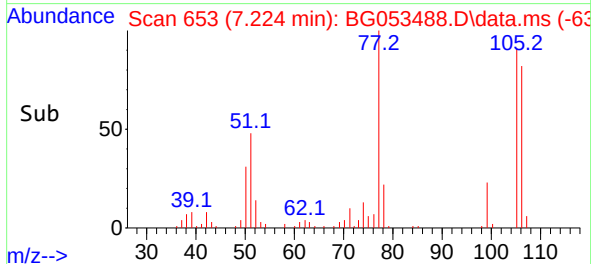
Instrument :
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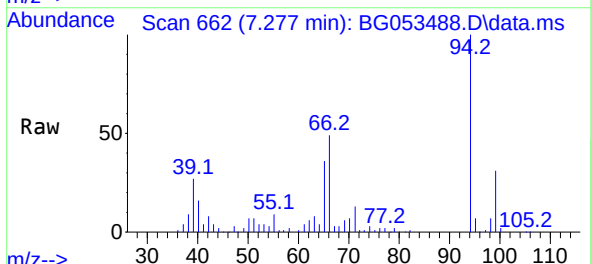
Tgt Ion: 77 Resp: 4119
Ion Ratio Lower Upper
77 100
105 90.9 59.6 99.6
106 81.8 56.8 96.8

Manual Integrations
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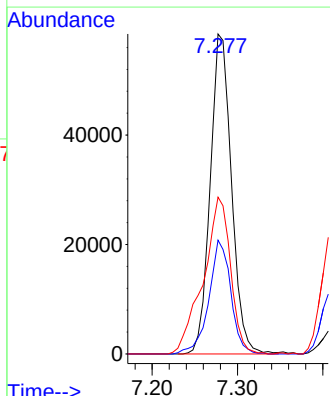
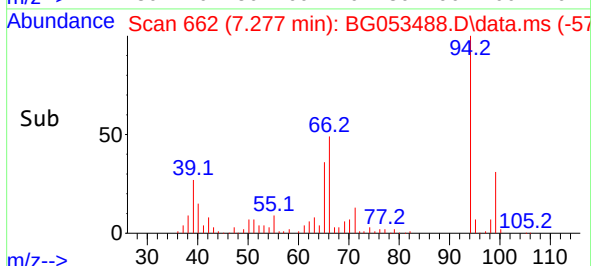
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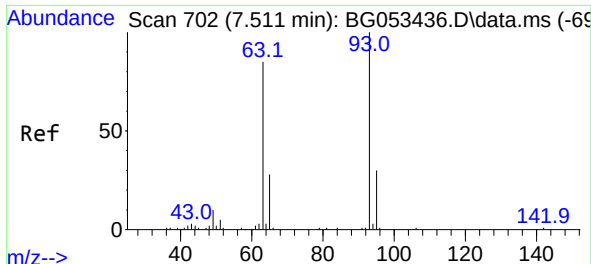


#10
Phenol
Concen: 52.143 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



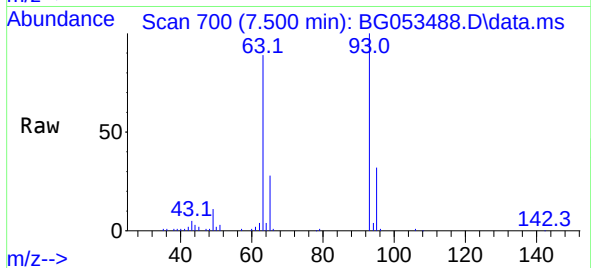
Tgt Ion: 94 Resp: 101323
Ion Ratio Lower Upper
94 100
65 35.6 14.8 54.8
66 49.0 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 45.952 ng
RT: 7.500 min Scan# 702
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

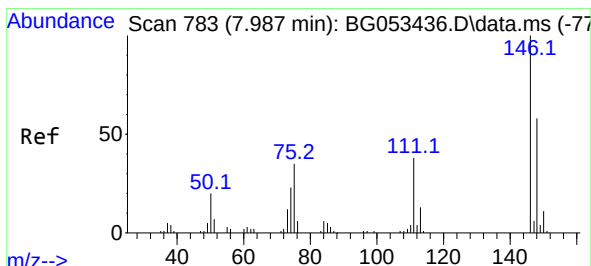
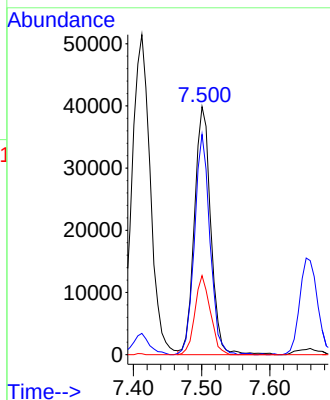
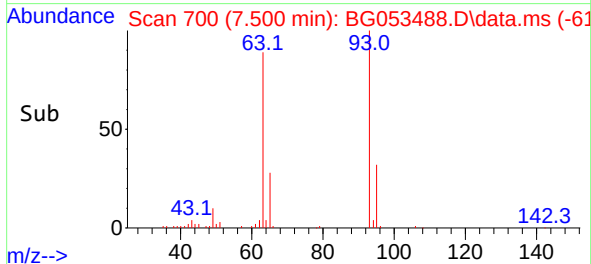
Instrument :
BNA_G
ClientSampleId :
PB144630BS



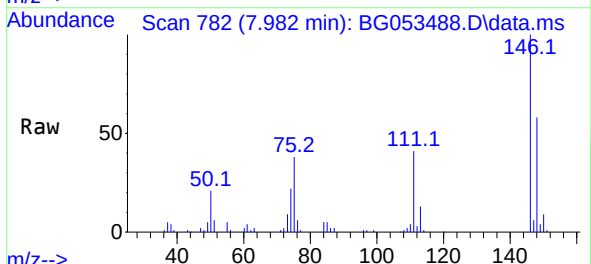
Tgt Ion: 93 Resp: 66590
Ion Ratio Lower Upper
93 100
63 88.9 63.6 103.6
95 31.9 10.1 50.1

Manual Integrations
APPROVED

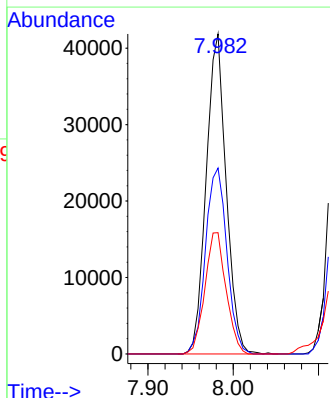
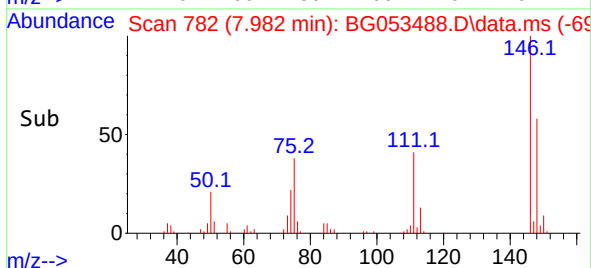
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

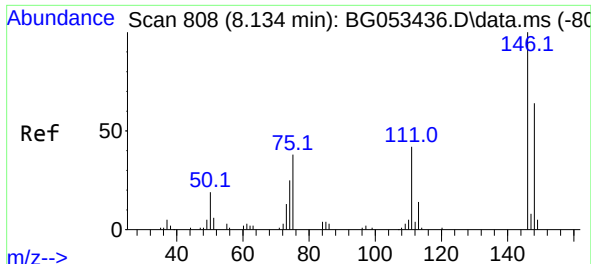


#12
1,3-Dichlorobenzene
Concen: 42.169 ng
RT: 7.982 min Scan# 782
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:146 Resp: 68083
Ion Ratio Lower Upper
146 100
148 58.1 46.1 69.1
75 37.9 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 42.191 ng
RT: 8.123 min Scan# 808
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

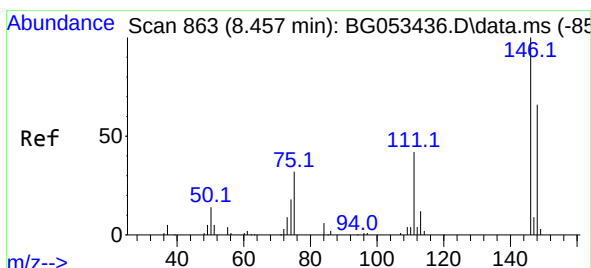
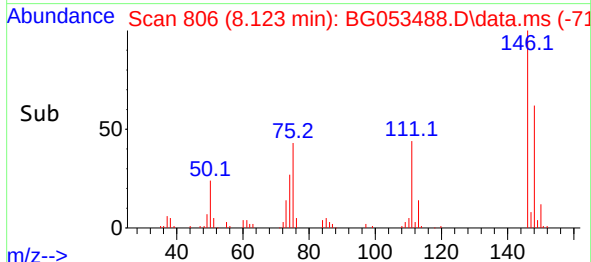
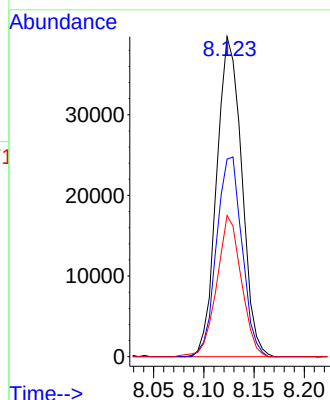
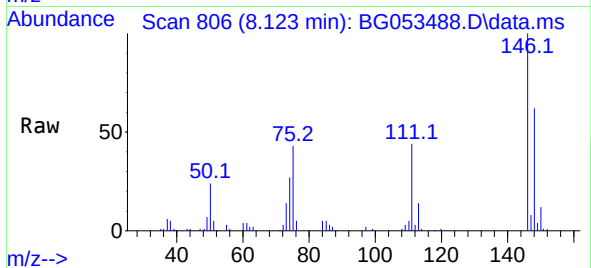
ClientSampleId :

PB144630BS

Tgt Ion:146 Resp: 68740
Ion Ratio Lower Upper
146 100
148 61.7 51.5 77.3
111 44.1 33.9 50.9

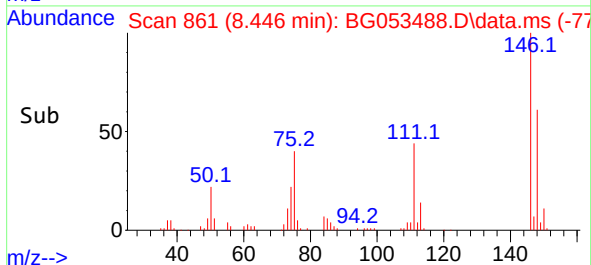
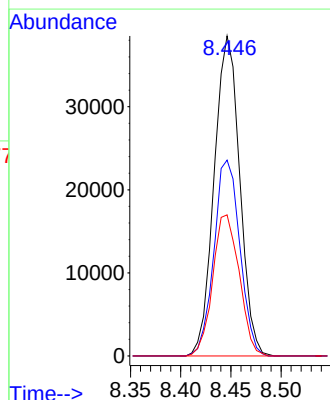
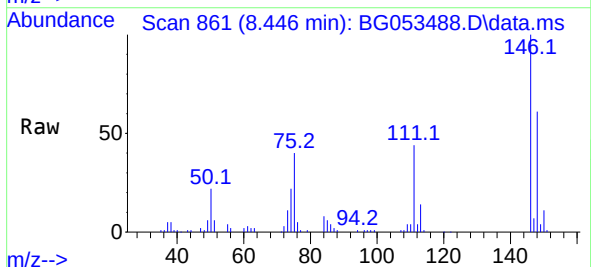
Manual Integrations
APPROVED

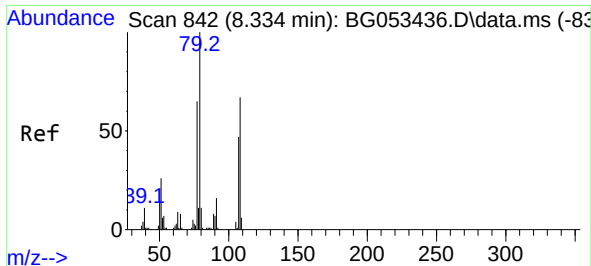
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#14
1,2-Dichlorobenzene
Concen: 44.554 ng
RT: 8.446 min Scan# 861
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

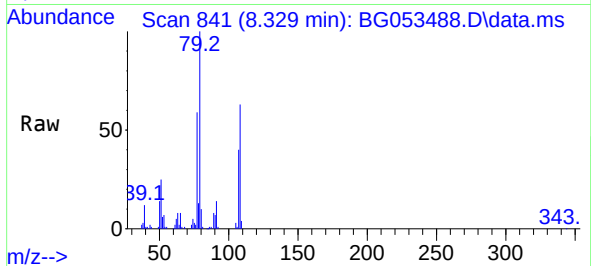
Tgt Ion:146 Resp: 68164
Ion Ratio Lower Upper
146 100
148 61.2 52.6 78.8
111 44.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.170 ng m
RT: 8.329 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

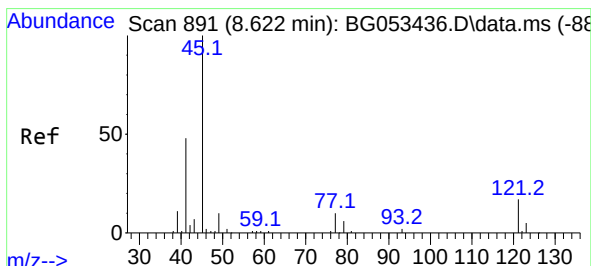
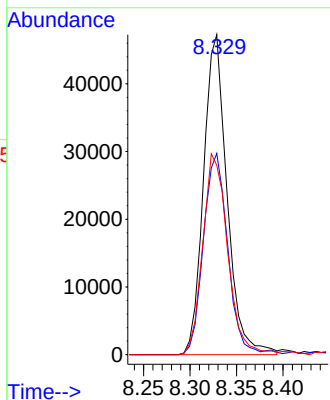
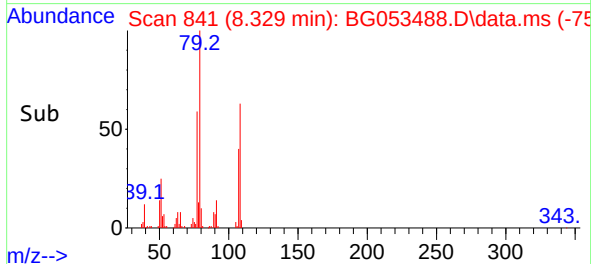
Instrument :
BNA_G
ClientSampleId :
PB144630BS



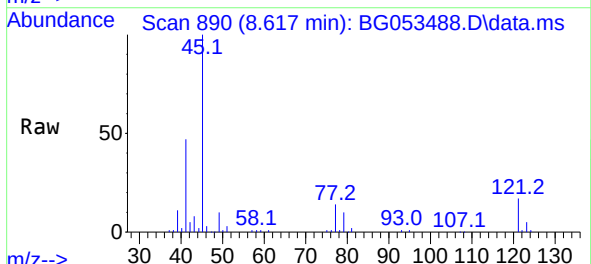
Tgt Ion: 79 Resp: 8333
Ion Ratio Lower Upper
79 100
108 62.9 53.7 80.5
77 59.1 52.2 78.4

Manual Integrations
APPROVED

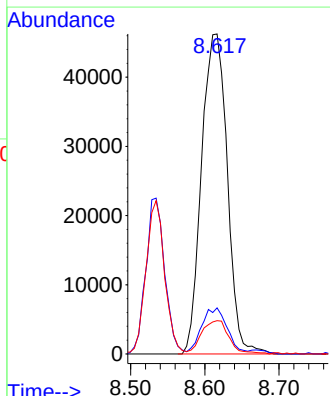
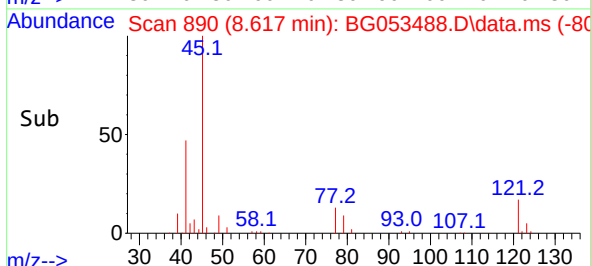
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

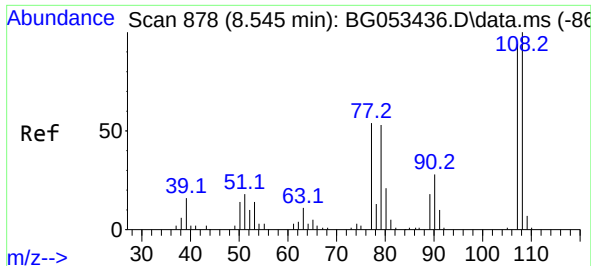


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.248 ng
RT: 8.617 min Scan# 890
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion: 45 Resp: 111444
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.7
79 10.4 0.0 29.7





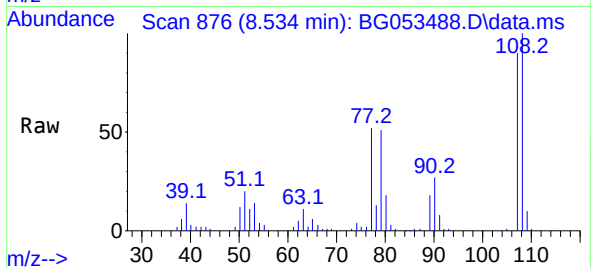
#17
2-Methylphenol
Concen: 51.883 ng
RT: 8.534 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

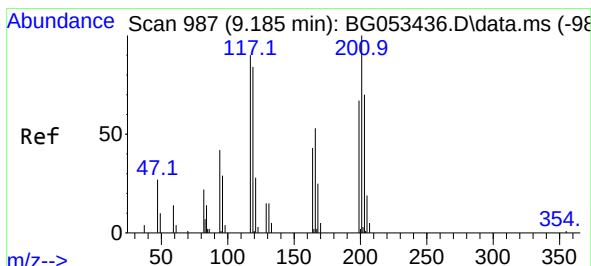
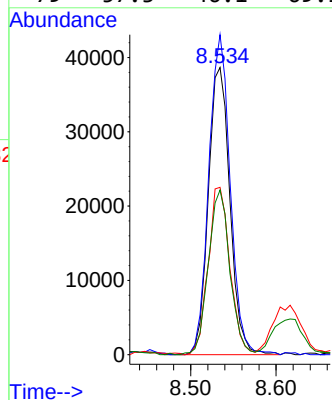


Tgt Ion:107 Resp: 6814
Ion Ratio Lower Upper
107 100
108 111.4 85.4 128.0
77 58.3 46.2 69.2
79 57.3 46.1 69.1

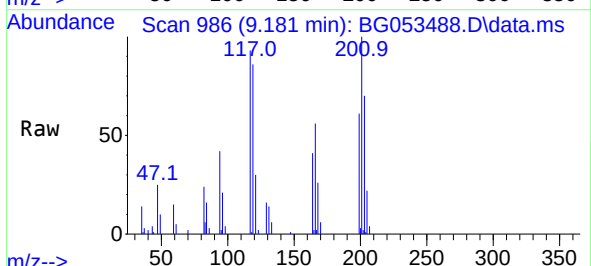
Manual Integrations

APPROVED

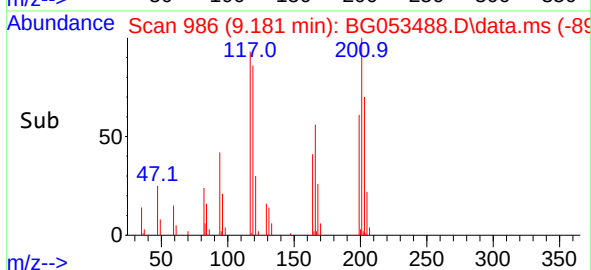
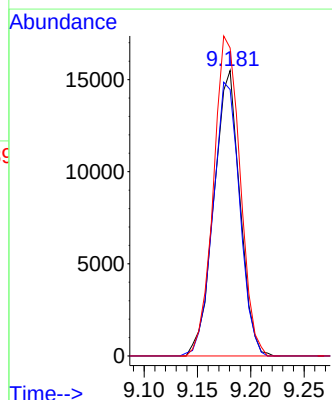
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

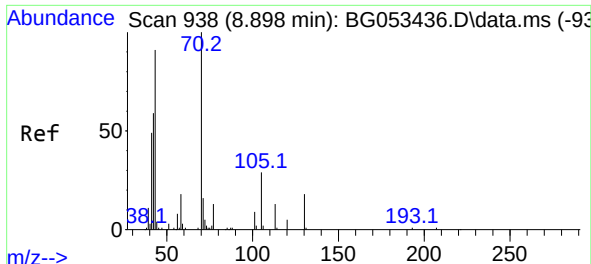


#18
Hexachloroethane
Concen: 42.421 ng
RT: 9.181 min Scan# 986
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:117 Resp: 26246
Ion Ratio Lower Upper
117 100
119 93.3 75.0 112.6
201 107.9 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.895 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

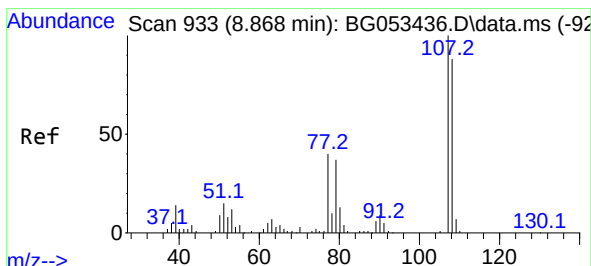
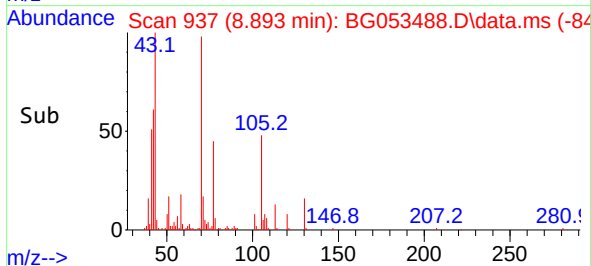
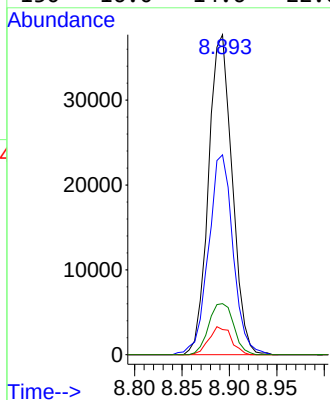
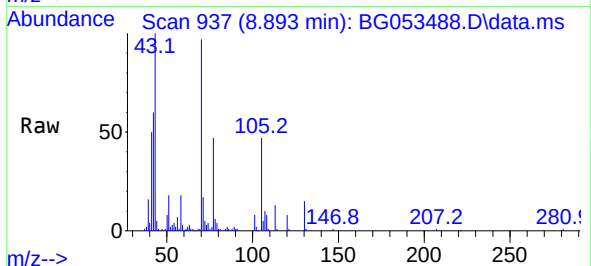
PB144630BS

Tgt Ion: 70 Resp: 6542
Ion Ratio Lower Upper
70 100
42 62.4 47.3 70.9
101 7.9 7.0 10.4
130 16.0 14.6 22.0

Manual Integrations

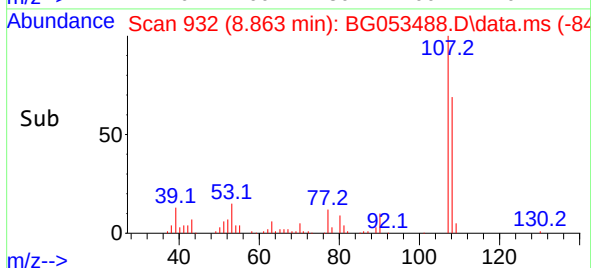
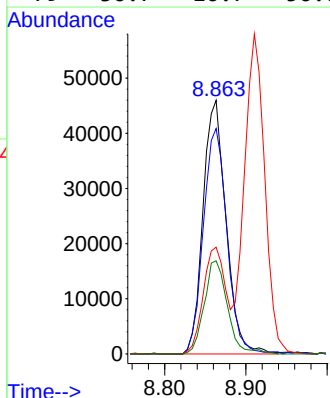
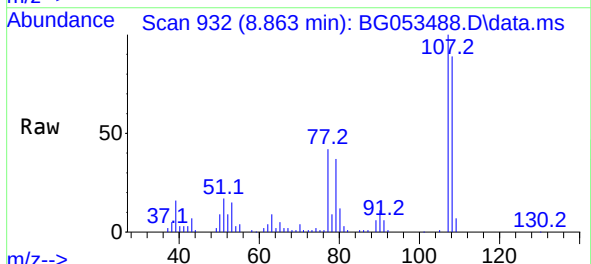
APPROVED

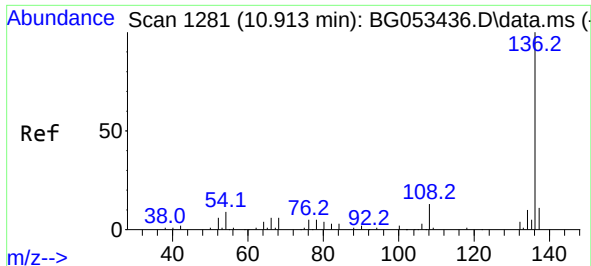
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#20
3+4-Methylphenols
Concen: 48.840 ng
RT: 8.863 min Scan# 932
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:107 Resp: 90593
Ion Ratio Lower Upper
107 100
108 88.9 67.5 107.5
77 42.1 20.3 60.3
79 36.7 16.7 56.7





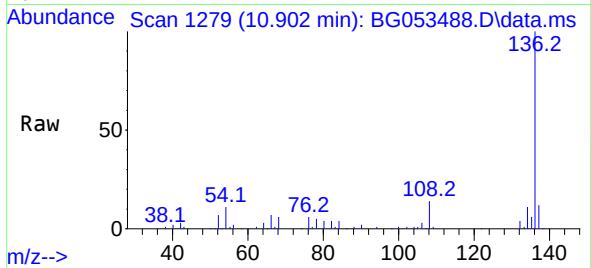
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

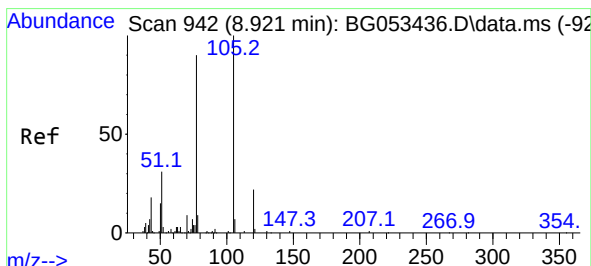
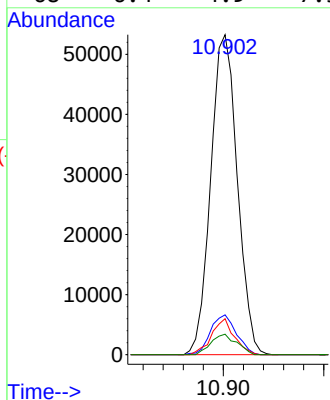
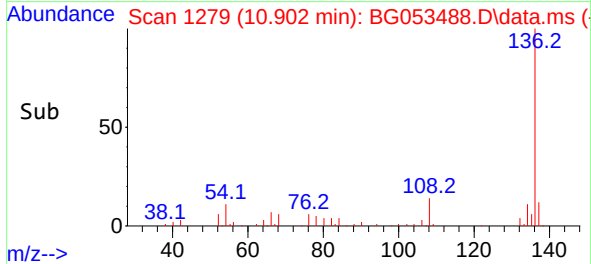


Tgt Ion:136 Resp: 97938
Ion Ratio Lower Upper
136 100
137 12.5 8.5 12.7
54 11.3 7.4 11.2
68 6.4 4.9 7.3

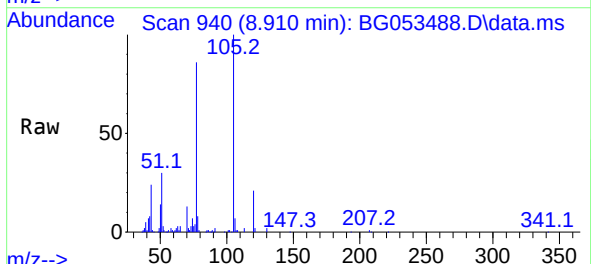
Manual Integrations

APPROVED

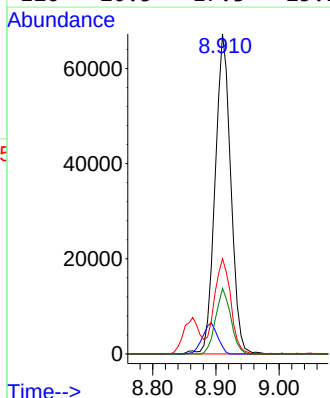
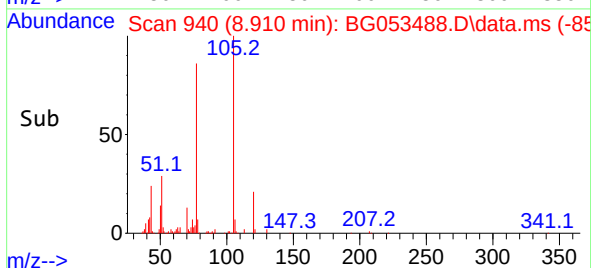
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

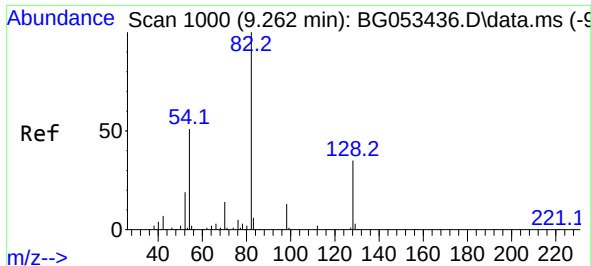


#22
Acetophenone
Concen: 43.290 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:105 Resp: 116037
Ion Ratio Lower Upper
105 100
71 2.3 1.1 1.7#
51 29.8 25.4 38.0
120 20.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 80.485 ng

RT: 9.251 min Scan# 90

Delta R.T. -0.011 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

Tgt Ion: 82 Resp: 185174

Ion Ratio Lower Upper

82 100

128 35.5 27.9 41.9

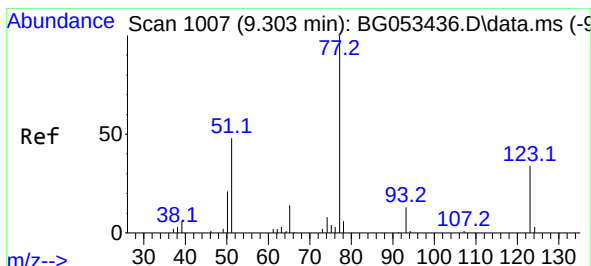
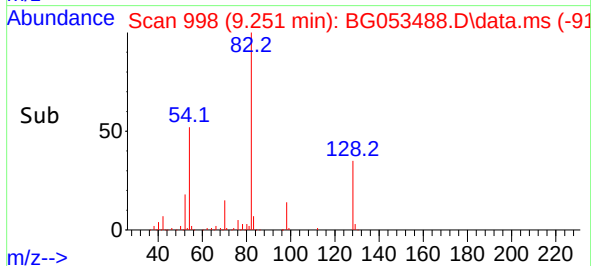
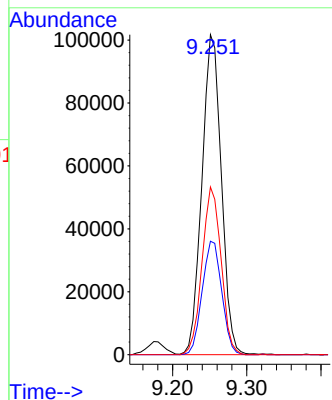
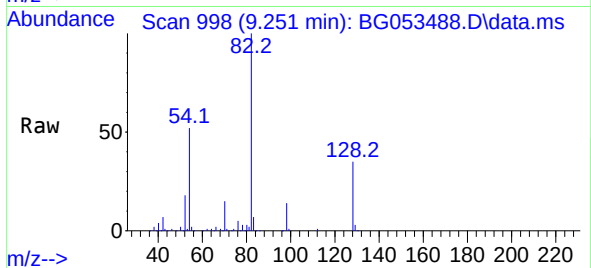
54 52.4 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022



#24

Nitrobenzene

Concen: 44.620 ng

RT: 9.298 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

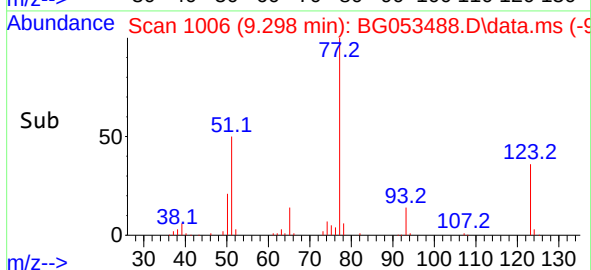
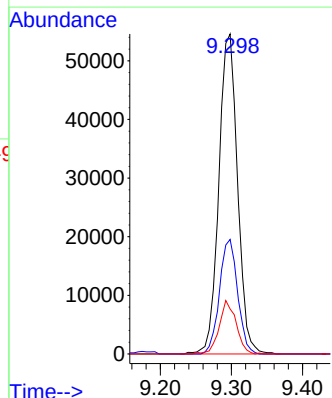
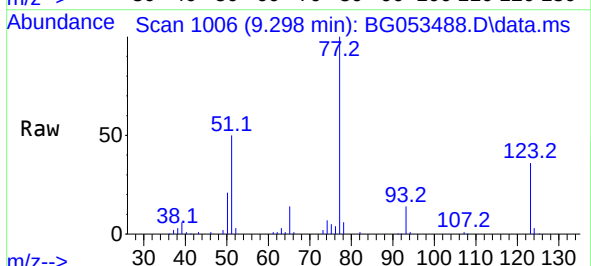
Tgt Ion: 77 Resp: 99361

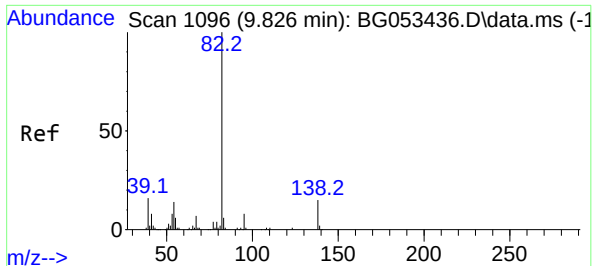
Ion Ratio Lower Upper

77 100

123 35.8 27.4 41.0

65 14.1 11.4 17.0





#25
Isophorone
Concen: 46.070 ng
RT: 9.815 min Scan# 1096
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

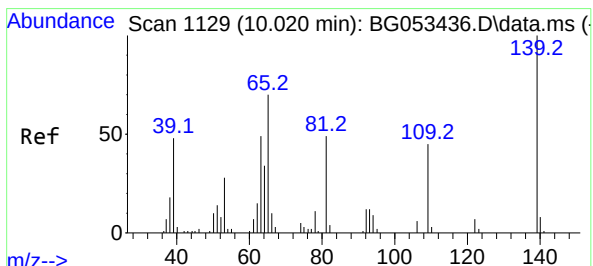
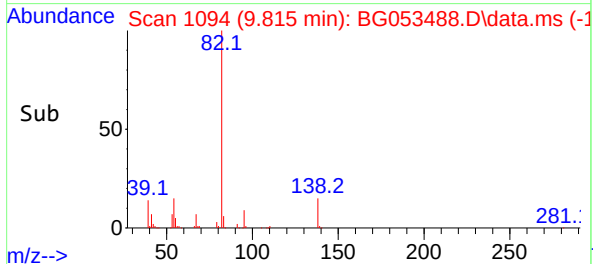
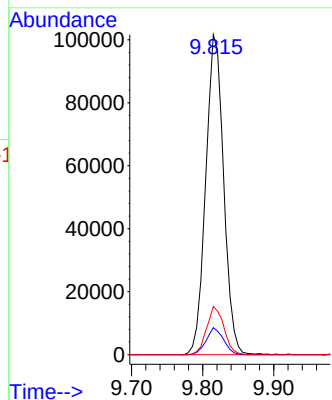
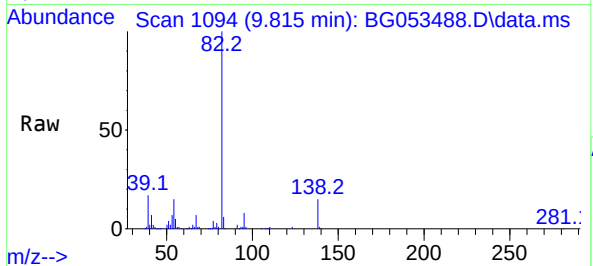
PB144630BS

Tgt Ion: 82 Resp: 17838
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 15.1 11.6 17.4

Manual Integrations

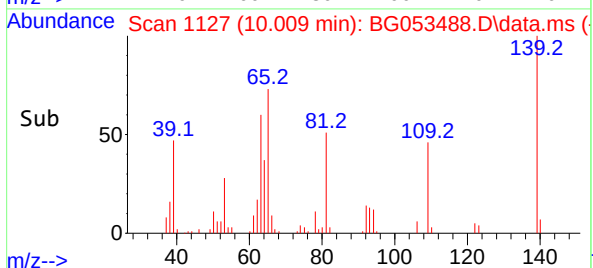
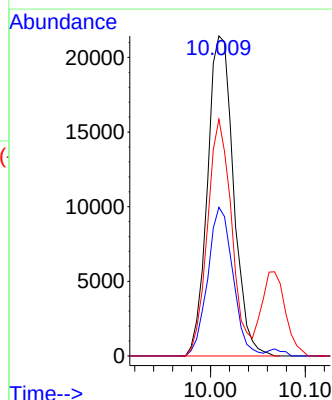
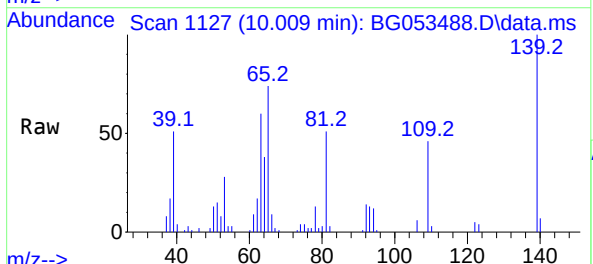
APPROVED

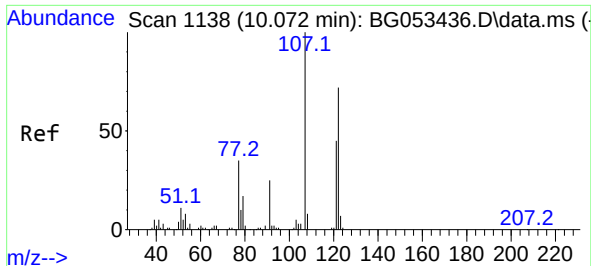
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#26
2-Nitrophenol
Concen: 45.381 ng
RT: 10.009 min Scan# 1127
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

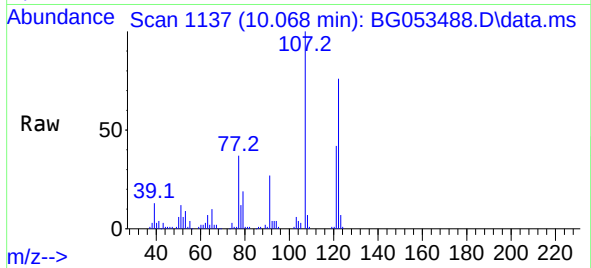
Tgt Ion:139 Resp: 40929
Ion Ratio Lower Upper
139 100
109 46.5 36.1 54.1
65 73.9 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 53.241 ng
RT: 10.068 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

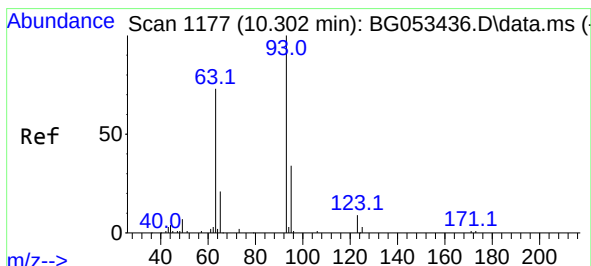
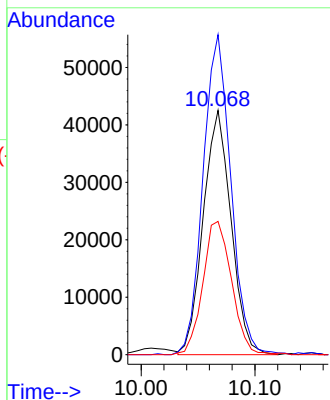
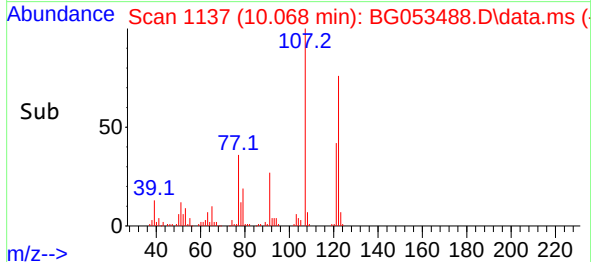
Instrument :
BNA_G
ClientSampleId :
PB144630BS



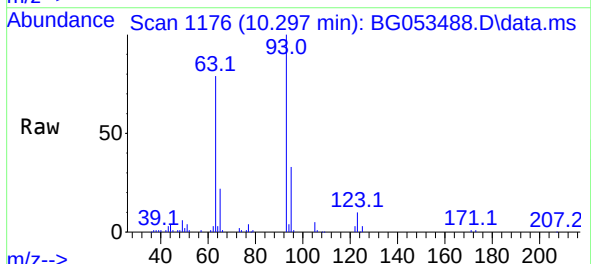
Tgt Ion:122 Resp: 72264
Ion Ratio Lower Upper
122 100
107 131.0 109.4 164.0
121 54.5 48.7 73.1

Manual Integrations
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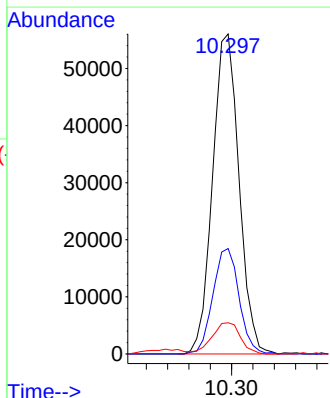
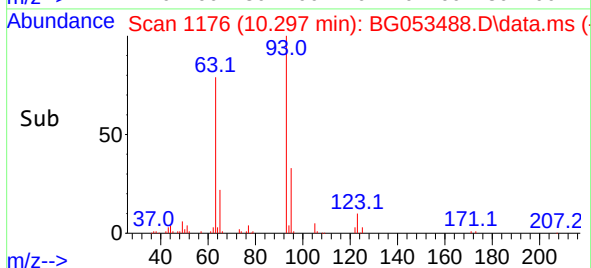
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

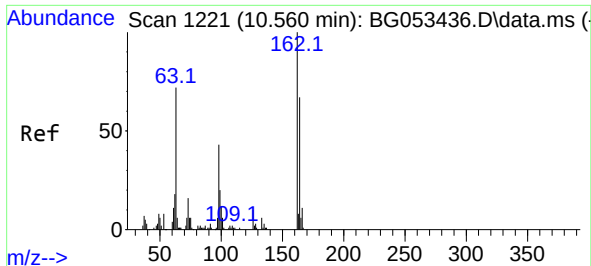


#28
bis(2-Chloroethoxy)methane
Concen: 43.235 ng
RT: 10.297 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



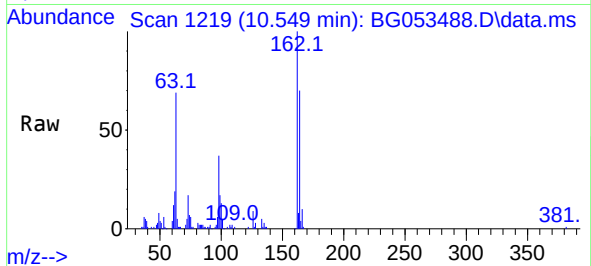
Tgt Ion: 93 Resp: 96280
Ion Ratio Lower Upper
93 100
95 33.0 26.9 40.3
123 9.7 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 48.140 ng
RT: 10.549 min Scan# 1219
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

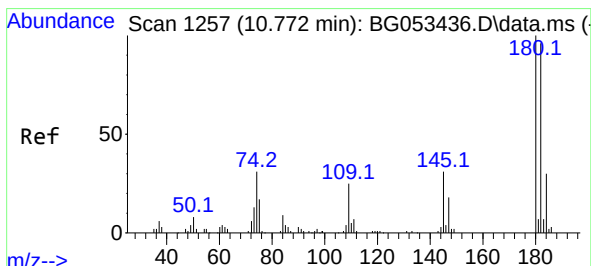
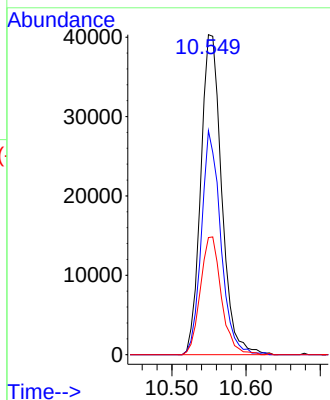
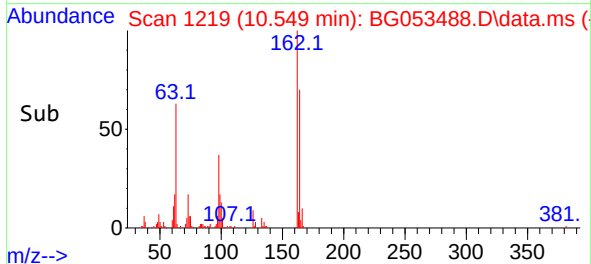
Instrument :
BNA_G
ClientSampleId :
PB144630BS



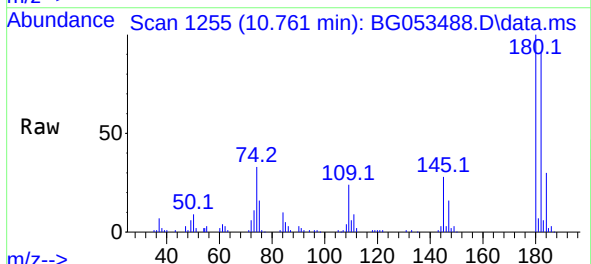
Tgt Ion:162 Resp: 78860
Ion Ratio Lower Upper
162 100
164 70.0 46.6 86.6
98 36.6 22.8 62.8

Manual Integrations
APPROVED

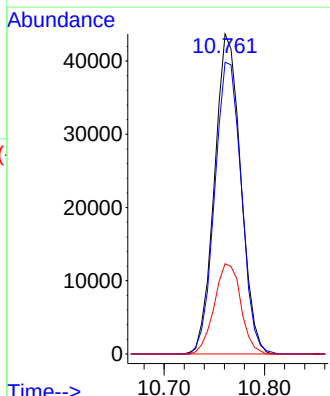
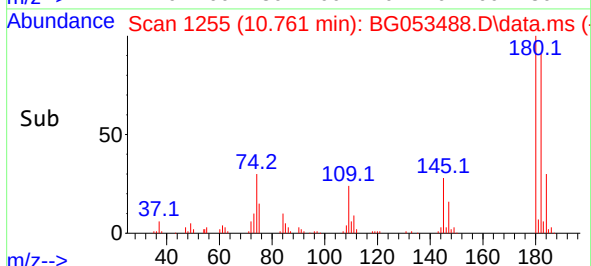
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

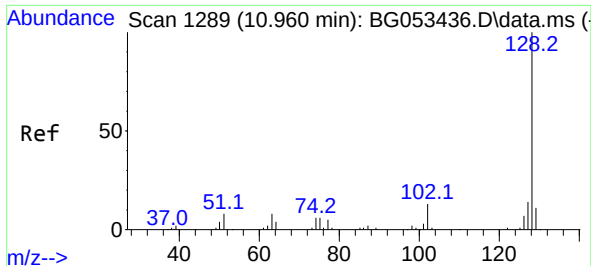


#30
1,2,4-Trichlorobenzene
Concen: 42.521 ng
RT: 10.761 min Scan# 1255
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:180 Resp: 79141
Ion Ratio Lower Upper
180 100
182 91.1 76.6 115.0
145 28.2 25.0 37.4





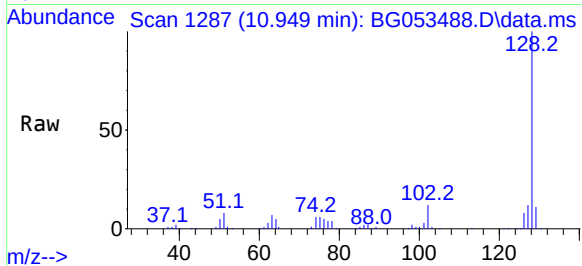
#31
Naphthalene
Concen: 43.022 ng
RT: 10.949 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

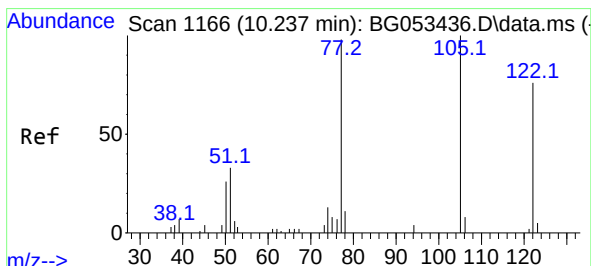
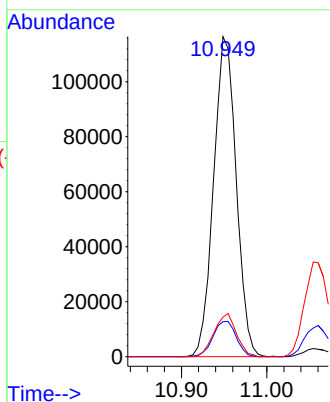
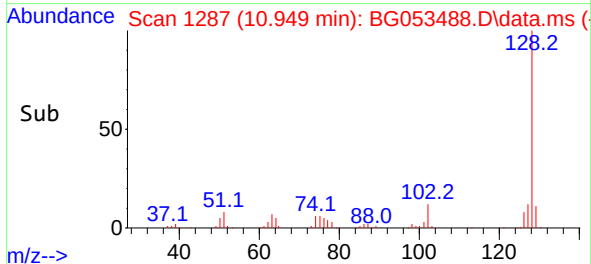


Tgt Ion:128 Resp: 214329
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.4 11.1 16.7

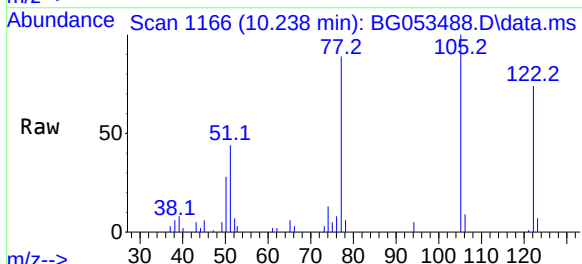
Manual Integrations

APPROVED

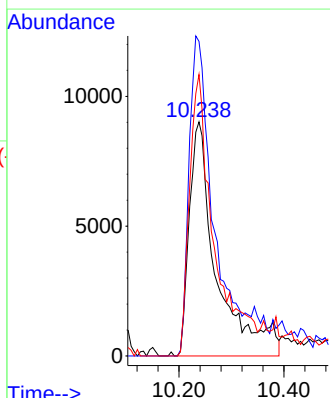
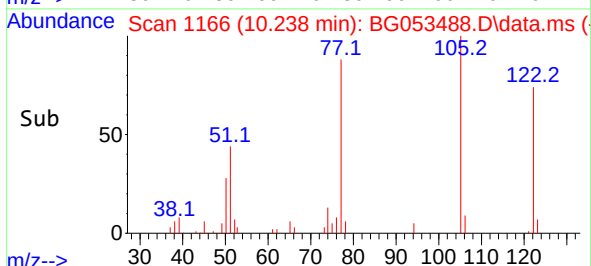
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

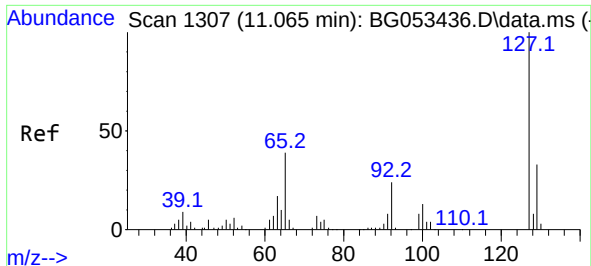


#32
Benzoic acid
Concen: 39.916 ng m
RT: 10.238 min Scan# 1166
Delta R.T. 0.001 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:122 Resp: 32393
Ion Ratio Lower Upper
122 100
105 134.4 111.8 151.8
77 120.2 109.4 149.4





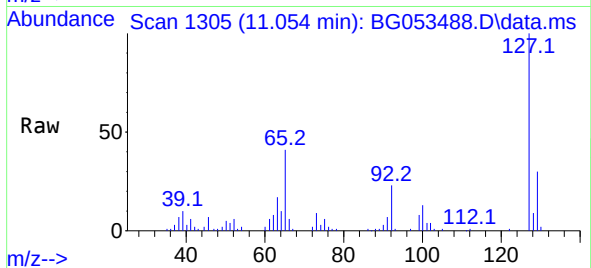
#33
4-Chloroaniline
Concen: 33.870 ng
RT: 11.054 min Scan# 1105
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

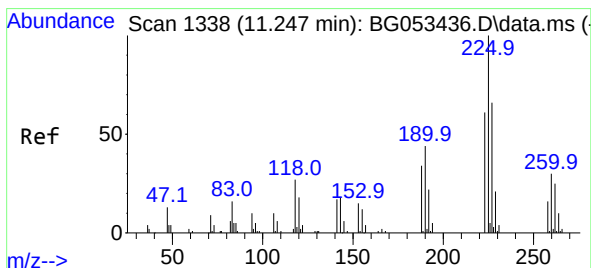
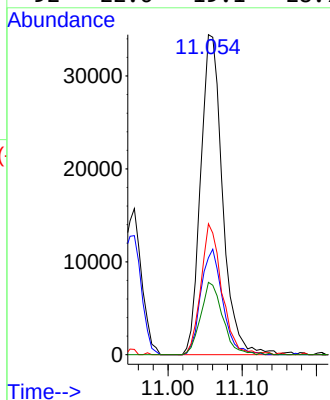
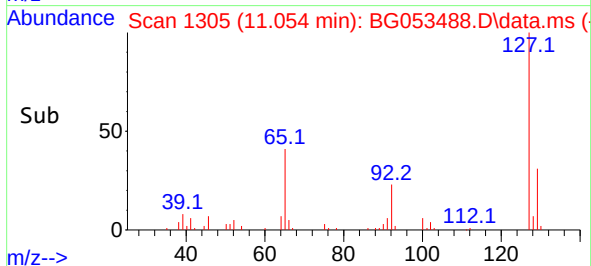


Tgt Ion:127 Resp: 70660
Ion Ratio Lower Upper
127 100
129 30.3 26.3 39.5
65 40.9 31.1 46.7
92 22.6 19.1 28.7

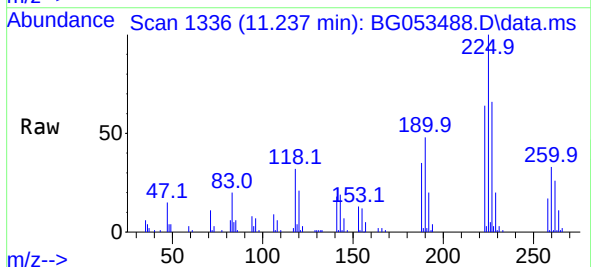
Manual Integrations

APPROVED

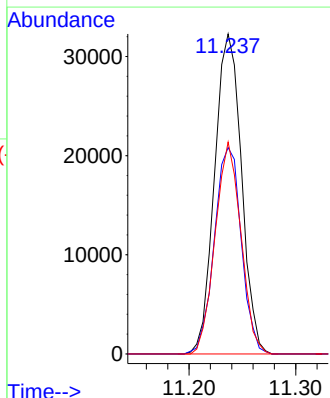
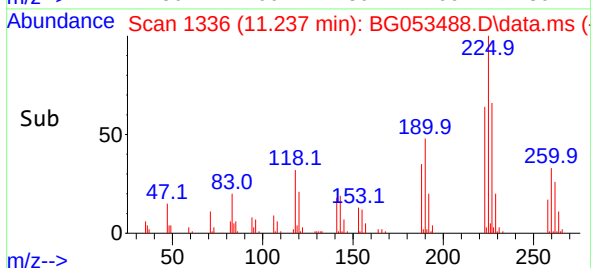
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

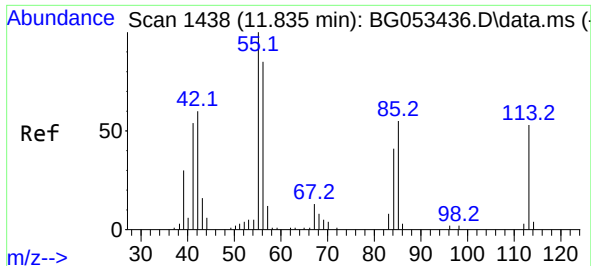


#34
Hexachlorobutadiene
Concen: 40.921 ng
RT: 11.237 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:225 Resp: 56476
Ion Ratio Lower Upper
225 100
223 64.5 48.9 73.3
227 66.2 52.8 79.2





#35
Caprolactam
Concen: 46.641 ng m
RT: 11.824 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

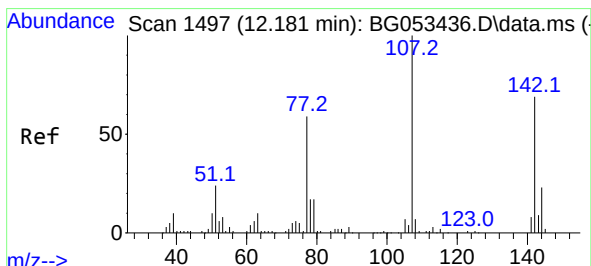
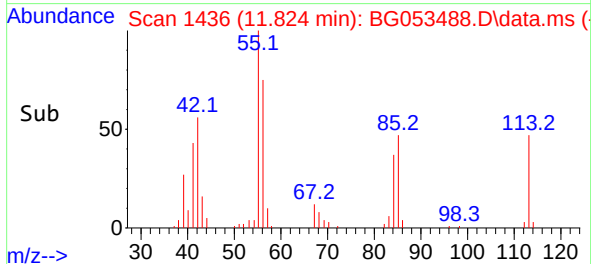
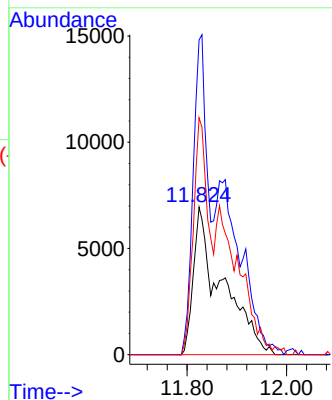
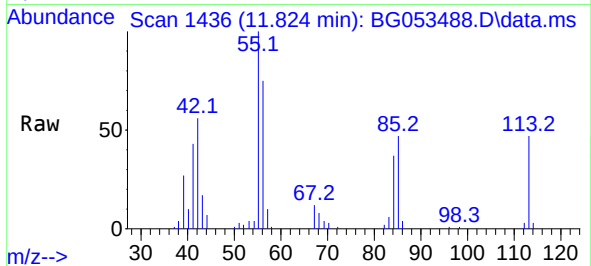
PB144630BS

Tgt Ion:113 Resp: 2776
Ion Ratio Lower Upper
113 100
55 213.5 169.8 209.8
56 160.7 141.2 181.2

Manual Integrations

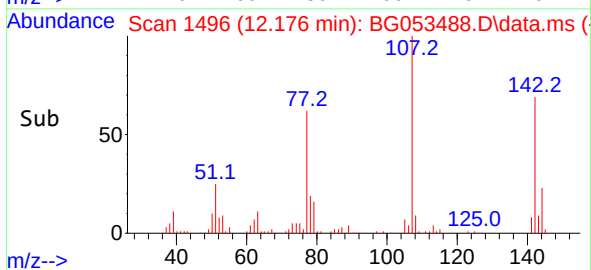
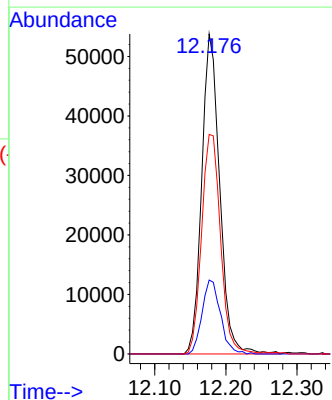
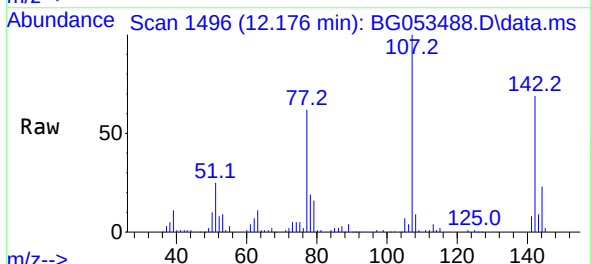
APPROVED

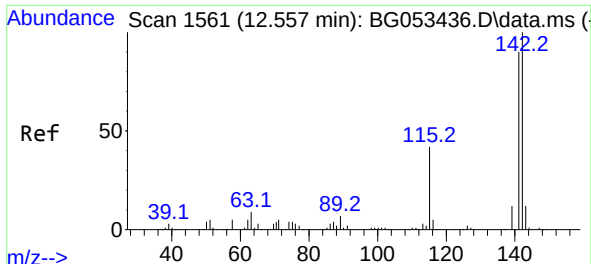
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#36
4-Chloro-3-methylphenol
Concen: 48.305 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:107 Resp: 94654
Ion Ratio Lower Upper
107 100
144 23.1 18.5 27.7
142 68.6 55.0 82.4





#37

2-Methylnaphthalene

Concen: 45.536 ng

RT: 12.552 min Scan# 1560

Delta R.T. -0.005 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

Tgt Ion:142 Resp: 169290

Ion Ratio Lower Upper

142 100

141 90.0 72.3 108.5

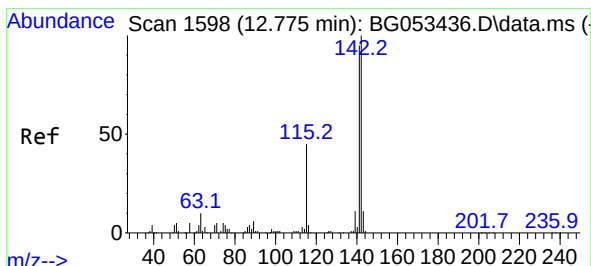
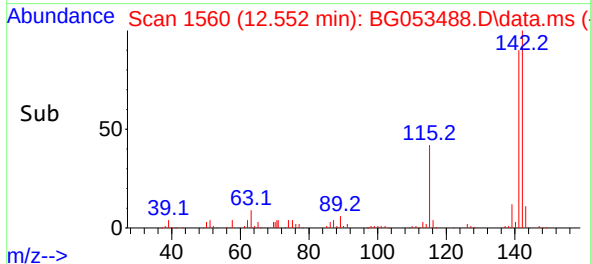
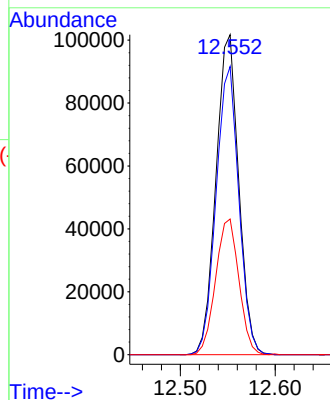
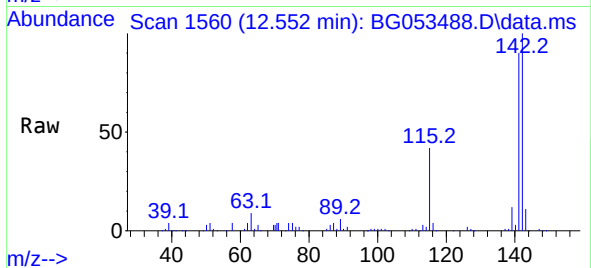
115 42.4 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022



#38

1-Methylnaphthalene

Concen: 43.535 ng

RT: 12.770 min Scan# 1597

Delta R.T. -0.005 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

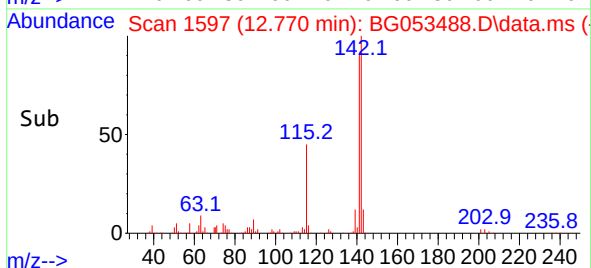
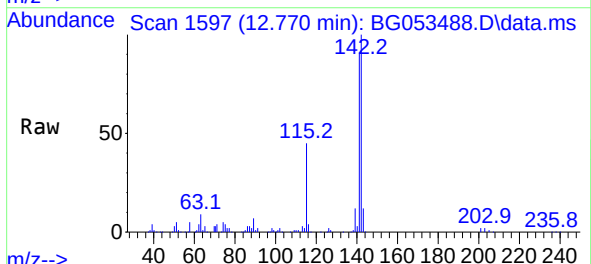
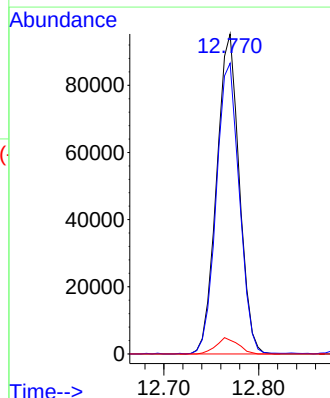
Tgt Ion:142 Resp: 157919

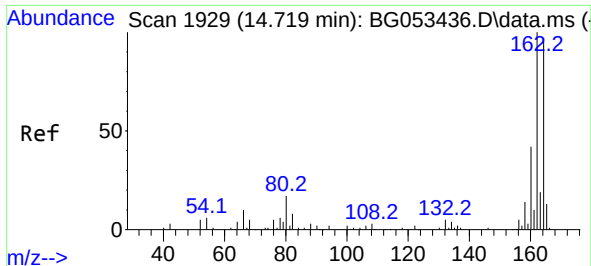
Ion Ratio Lower Upper

142 100

141 90.9 76.4 114.6

116 4.3 3.3 4.9





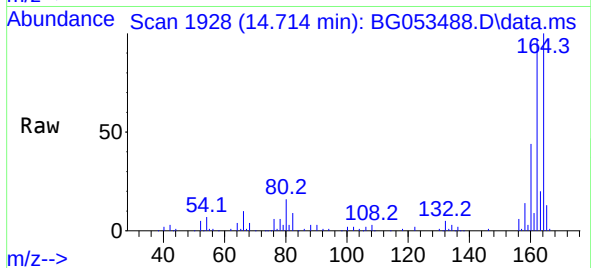
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

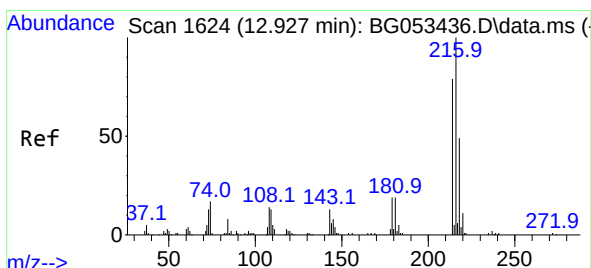
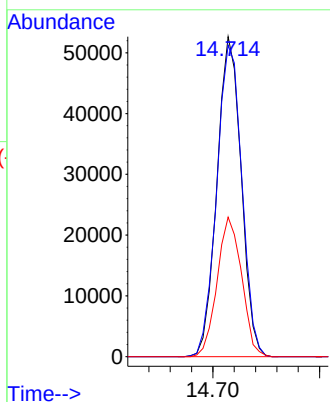
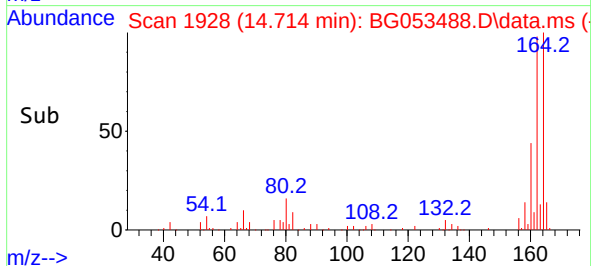


Tgt Ion:164 Resp: 82777
Ion Ratio Lower Upper
164 100
162 97.4 82.3 123.5
160 43.6 34.2 51.2

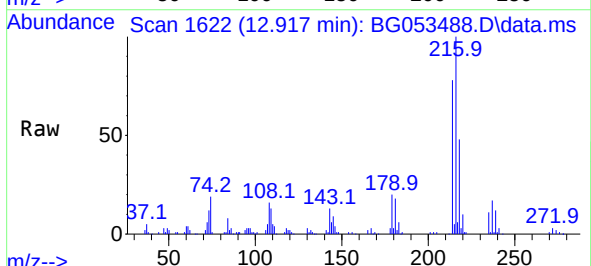
Manual Integrations

APPROVED

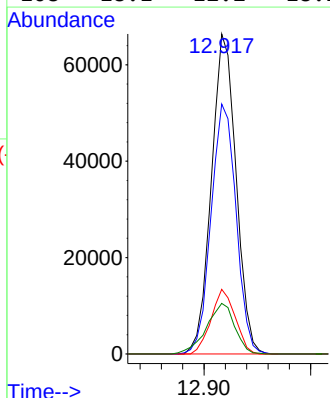
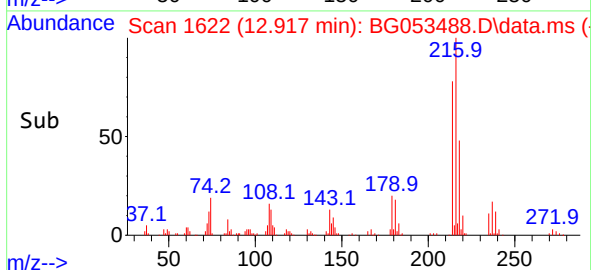
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

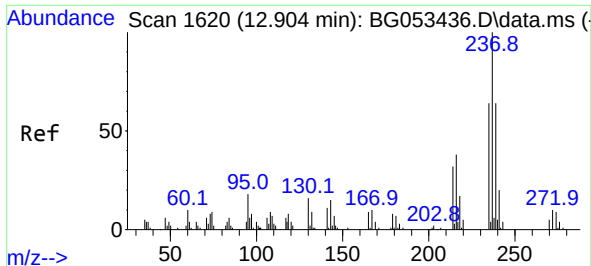


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.859 ng
RT: 12.917 min Scan# 1622
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:216 Resp: 106610
Ion Ratio Lower Upper
216 100
214 79.2 62.9 94.3
179 19.8 16.1 24.1
108 18.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 90.014 ng
RT: 12.899 min Scan# 1619
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

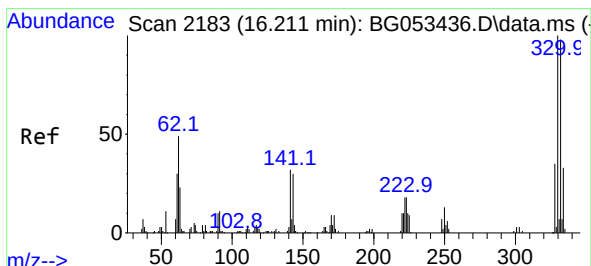
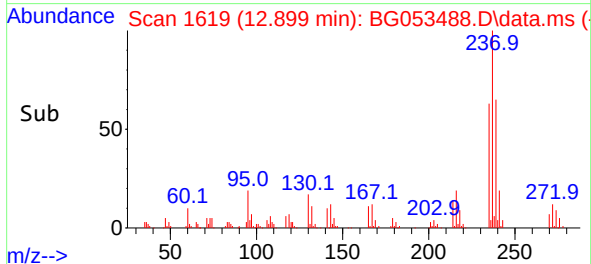
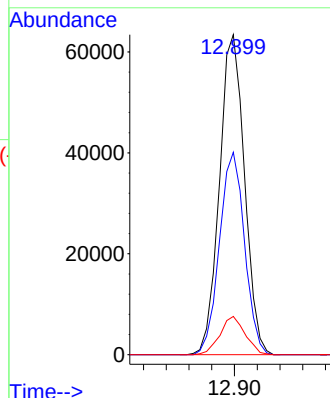
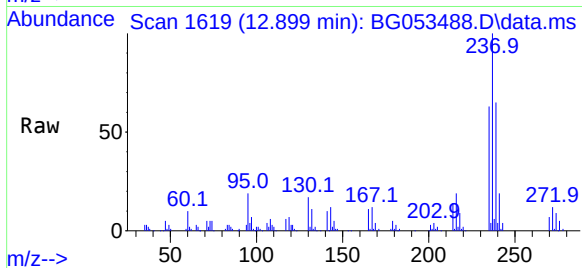
PB144630BS

Tgt Ion:237 Resp: 96989
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 12.0 0.0 30.1

Manual Integrations

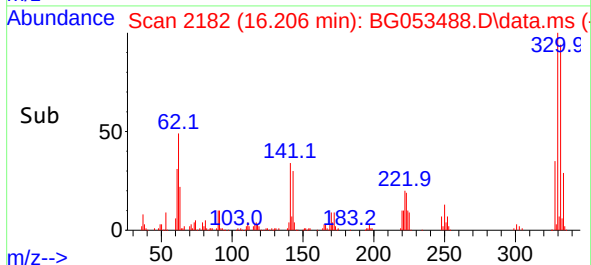
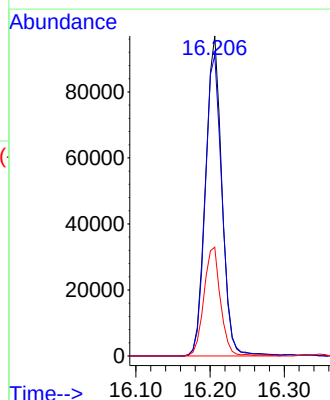
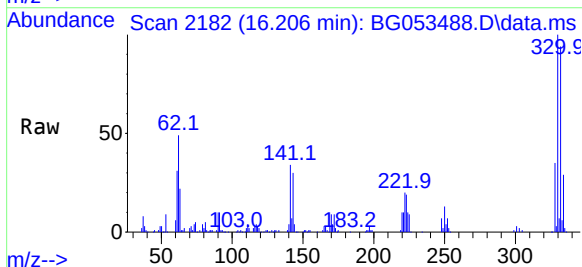
APPROVED

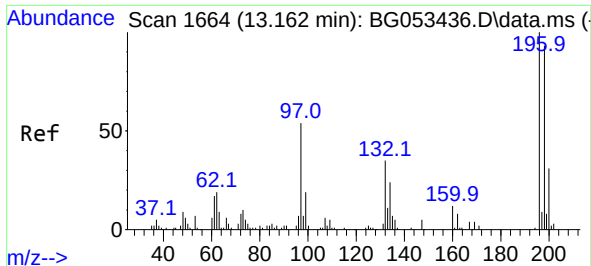
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#42
2,4,6-Tribromophenol
Concen: 121.775 ng
RT: 16.206 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:330 Resp: 148671
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 34.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 42.664 ng
RT: 13.157 min Scan# 1664
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

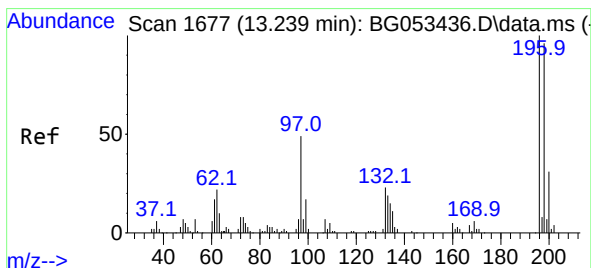
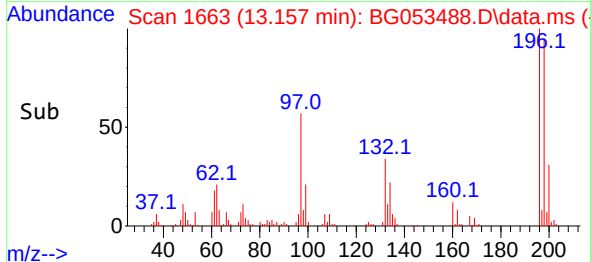
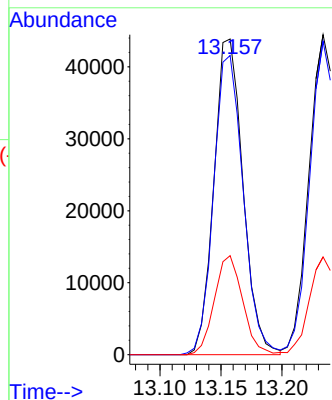
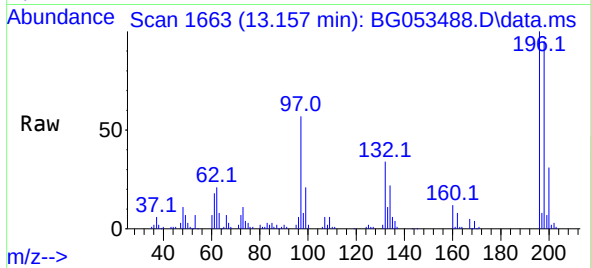
PB144630BS

Tgt Ion:196 Resp: 72664
Ion Ratio Lower Upper
196 100
198 94.8 74.1 111.1
200 31.4 24.7 37.1

Manual Integrations

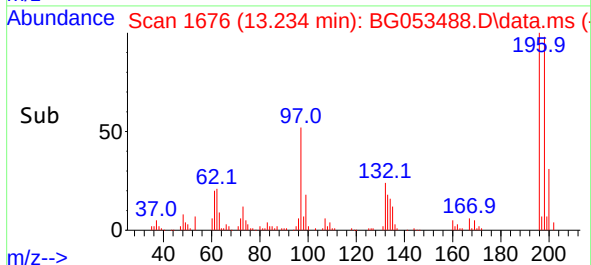
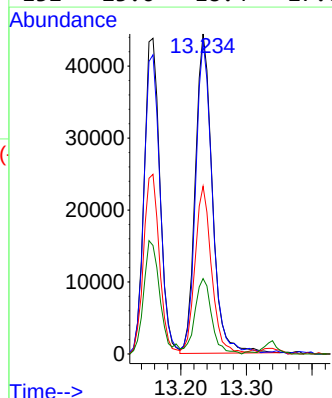
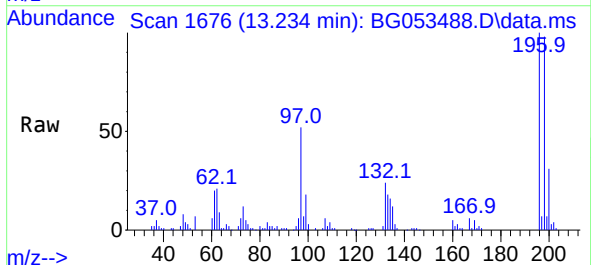
APPROVED

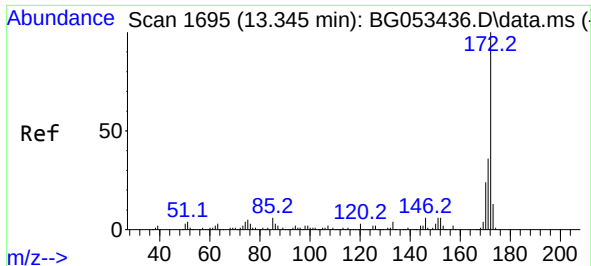
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#44
2,4,5-Trichlorophenol
Concen: 44.073 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:196 Resp: 79891
Ion Ratio Lower Upper
196 100
198 97.9 76.8 115.2
97 52.4 39.8 59.6
132 23.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 75.649 ng
RT: 13.340 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

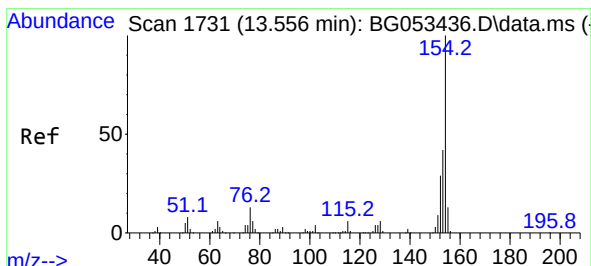
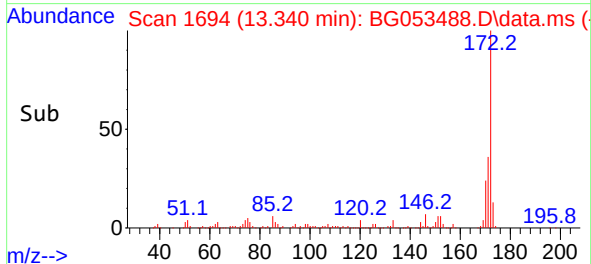
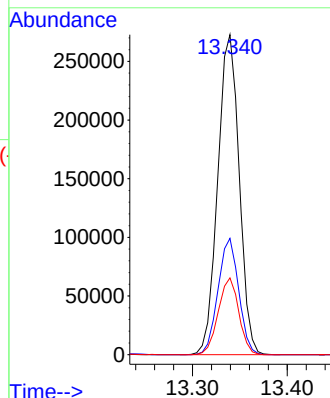
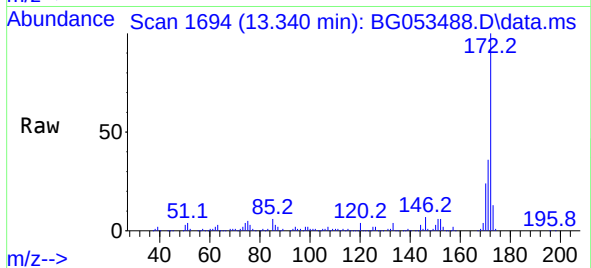
PB144630BS

Tgt Ion:172 Resp: 42852
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.0 18.9 28.3

Manual Integrations

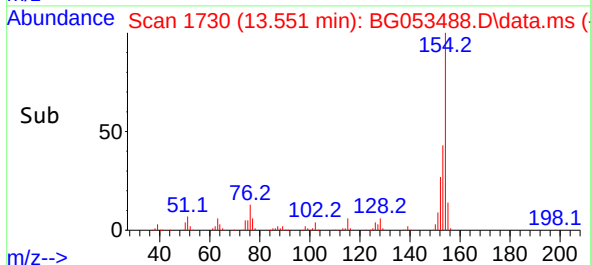
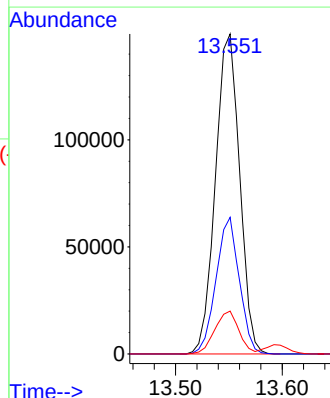
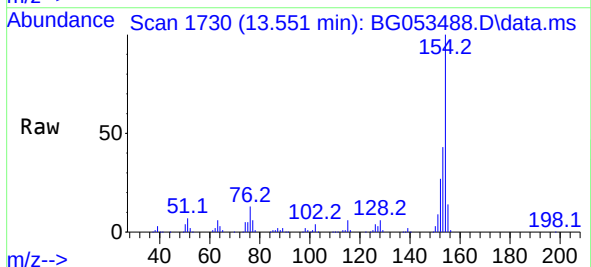
APPROVED

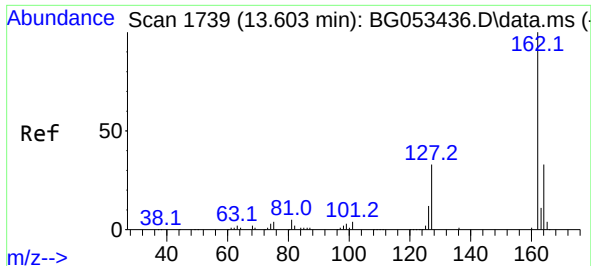
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#46
1,1'-Biphenyl
Concen: 41.689 ng
RT: 13.551 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:154 Resp: 235226
Ion Ratio Lower Upper
154 100
153 42.7 21.6 61.6
76 13.4 0.0 32.6





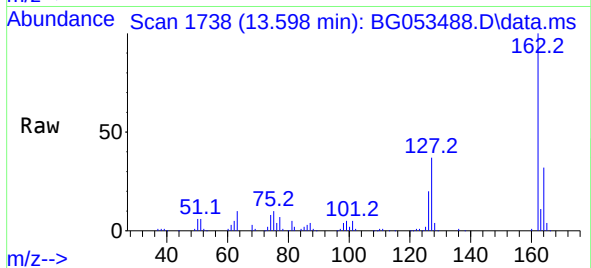
#47
2-Chloronaphthalene
Concen: 40.864 ng
RT: 13.598 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

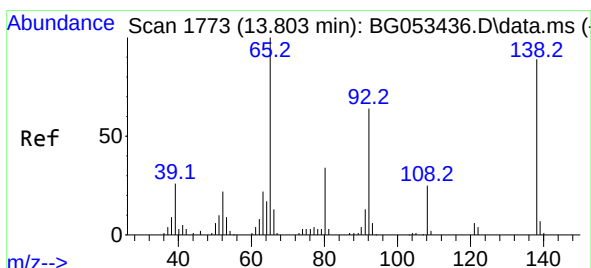
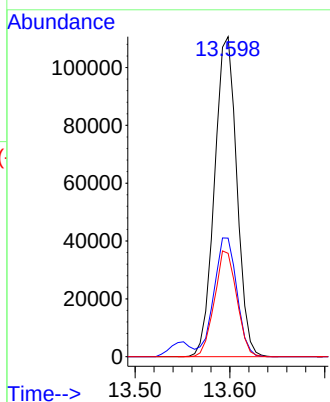
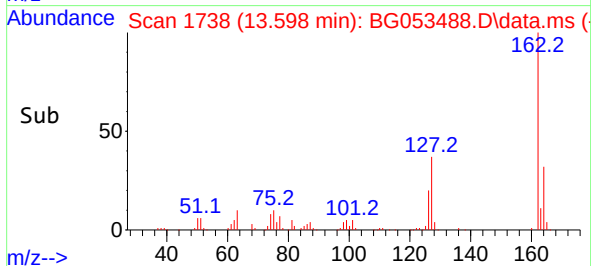


Tgt Ion:162 Resp: 18064
Ion Ratio Lower Upper
162 100
127 37.0 30.6 45.8
164 32.3 26.5 39.7

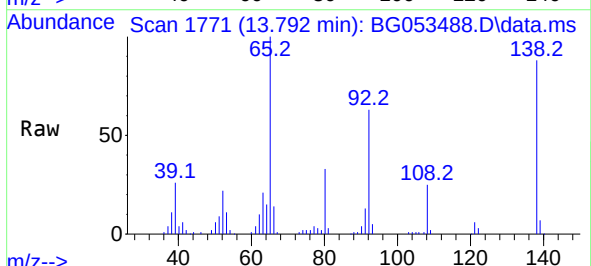
Manual Integrations

APPROVED

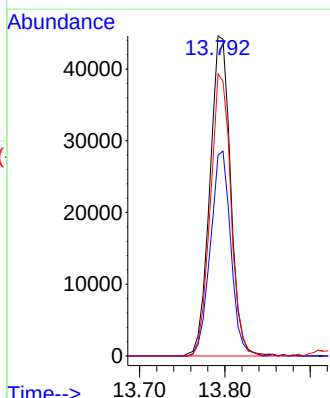
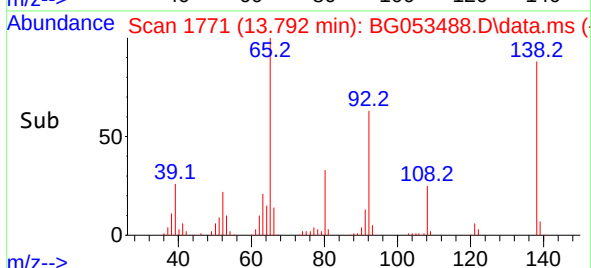
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

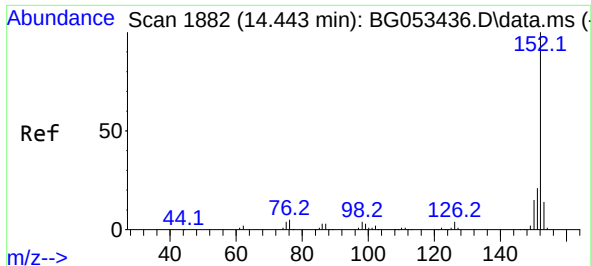


#48
2-Nitroaniline
Concen: 45.544 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion: 65 Resp: 75022
Ion Ratio Lower Upper
65 100
92 62.7 51.5 77.3
138 88.1 71.3 106.9





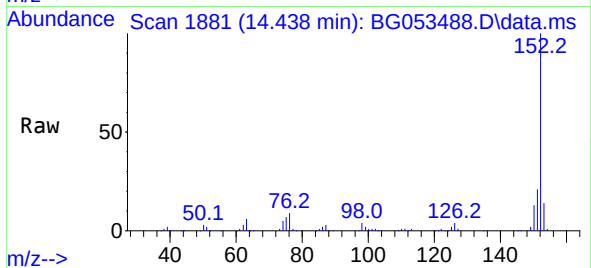
#49
Acenaphthylene
Concen: 42.913 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

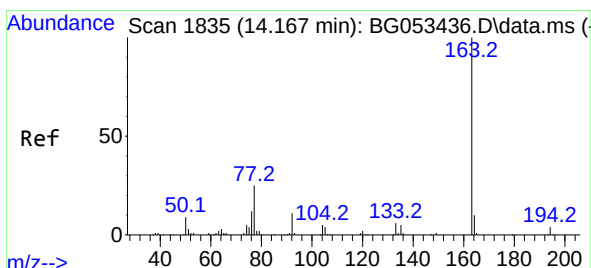
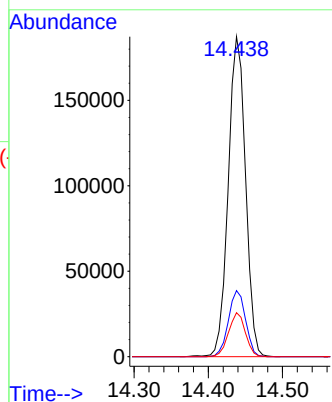
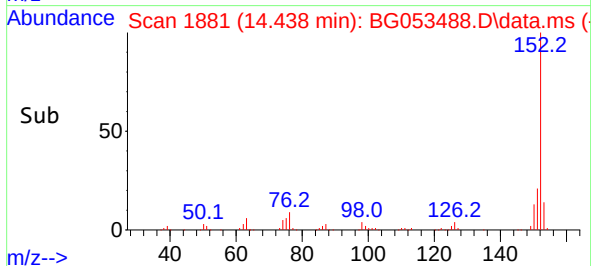


Tgt Ion:152 Resp: 30271
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.8 10.8 16.2

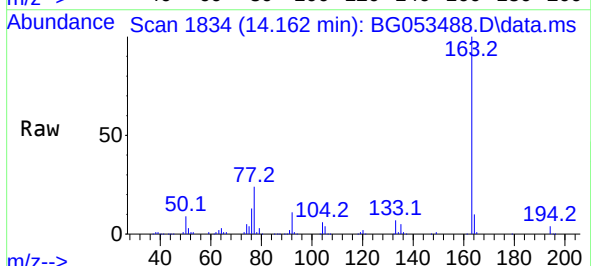
Manual Integrations

APPROVED

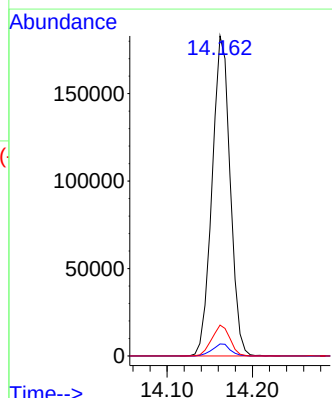
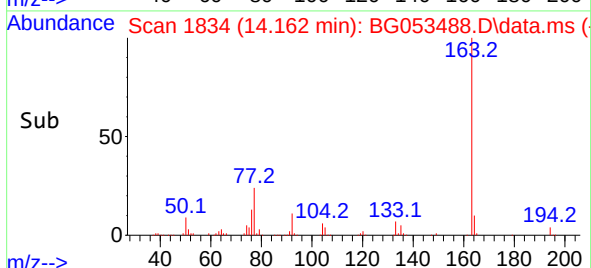
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

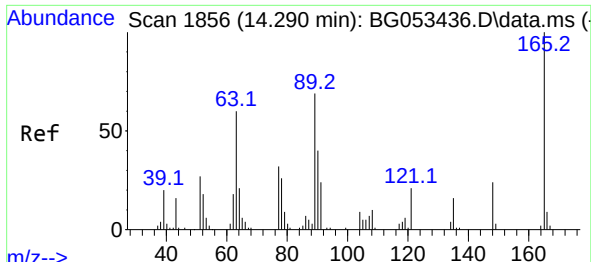


#50
Dimethylphthalate
Concen: 42.840 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:163 Resp: 269474
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.066 ng
RT: 14.285 min Scan# 1855
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

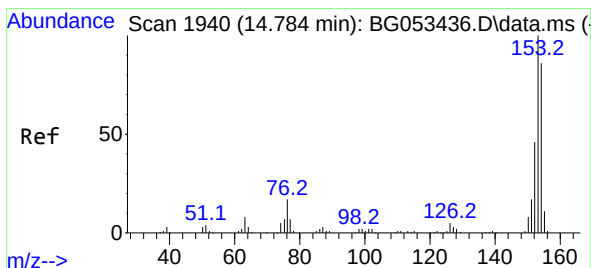
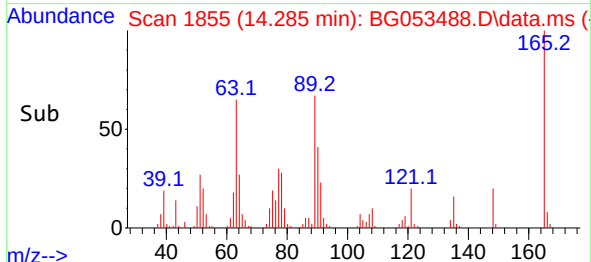
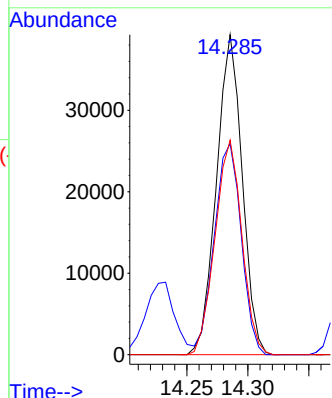
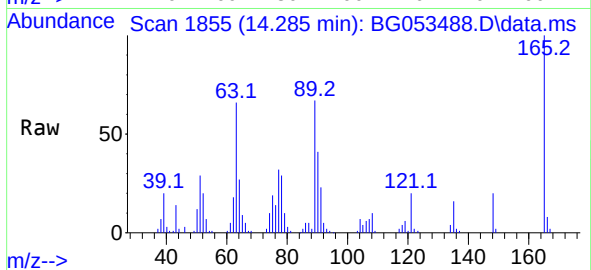
PB144630BS

Tgt Ion:165 Resp: 5775
Ion Ratio Lower Upper
165 100
63 65.9 54.1 81.1
89 67.1 54.8 82.2

Manual Integrations

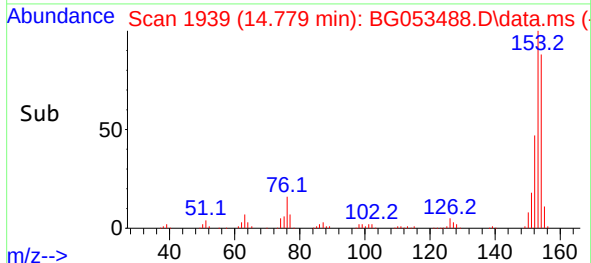
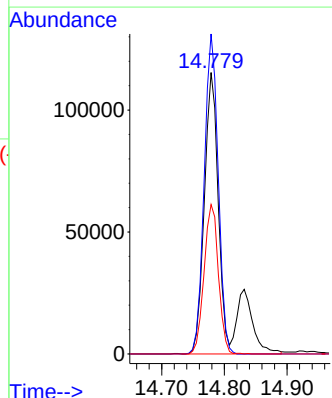
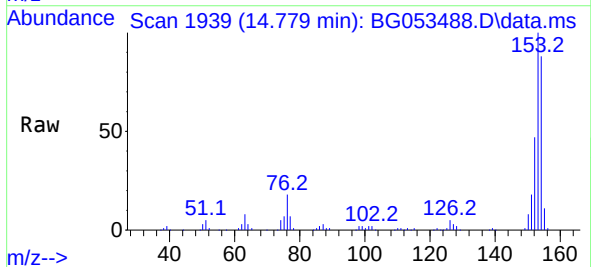
APPROVED

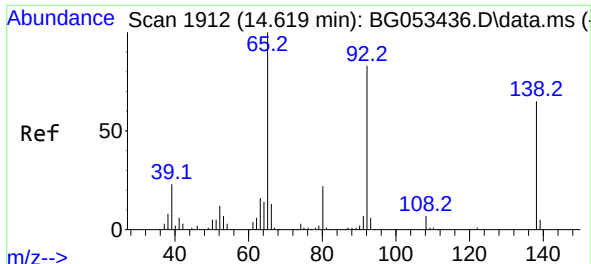
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#52
Acenaphthene
Concen: 53.203 ng m
RT: 14.779 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:154 Resp: 223662
Ion Ratio Lower Upper
154 100
153 113.7 92.7 139.1
152 53.1 42.6 64.0





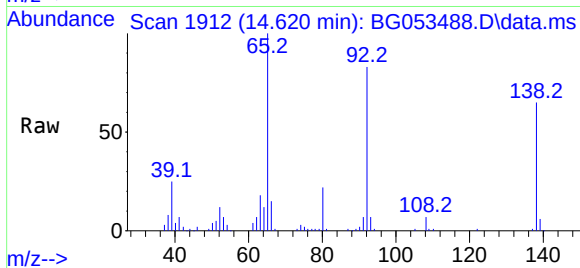
#53
3-Nitroaniline
Concen: 33.438 ng
RT: 14.620 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

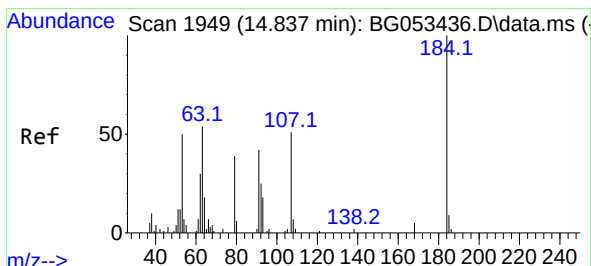
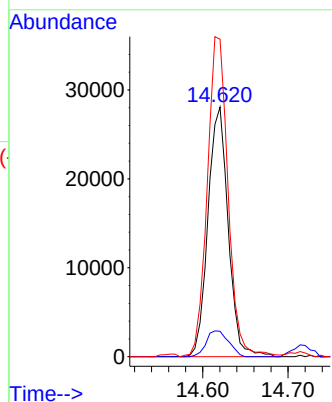
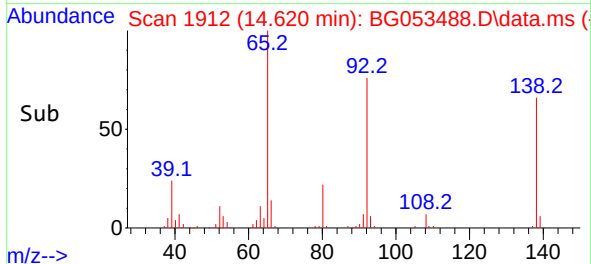


Tgt Ion:138 Resp: 4630
Ion Ratio Lower Upper
138 100
108 10.2 9.2 13.8
92 127.2 101.9 152.9

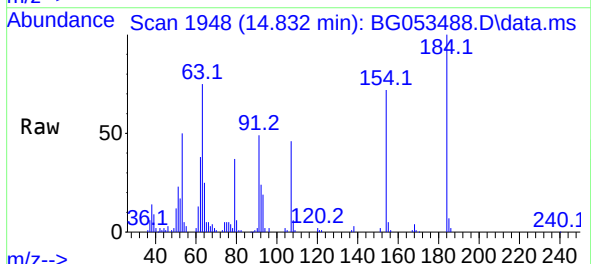
Manual Integrations

APPROVED

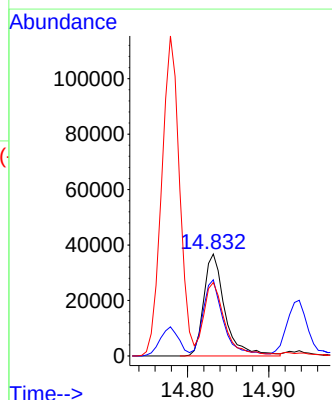
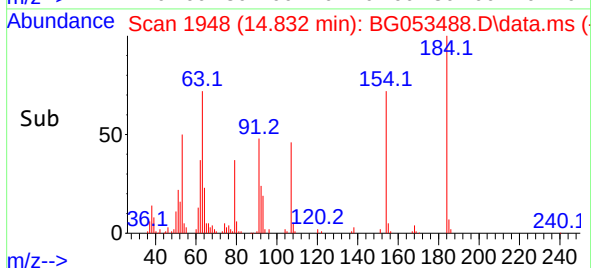
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

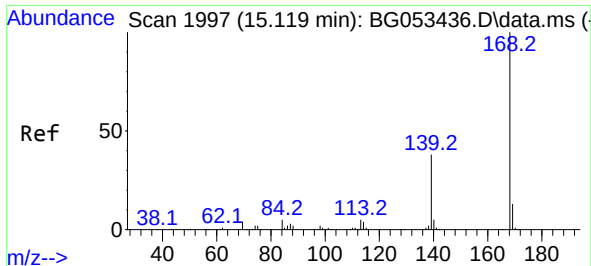


#54
2,4-Dinitrophenol
Concen: 81.460 ng
RT: 14.832 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:184 Resp: 66366
Ion Ratio Lower Upper
184 100
63 74.8 61.1 91.7
154 72.1 60.6 91.0





#55
Dibenzenofuran
Concen: 40.762 ng
RT: 15.114 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

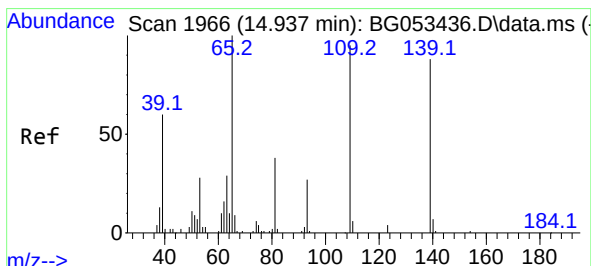
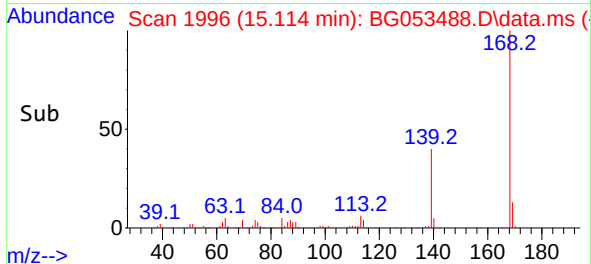
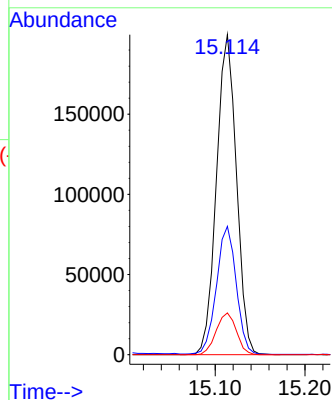
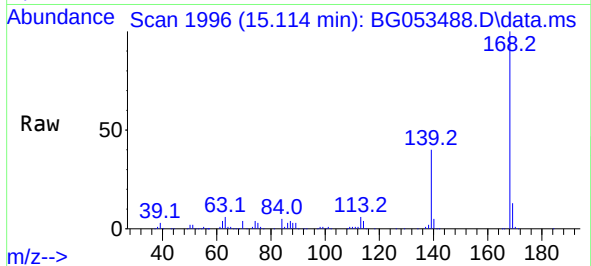
PB144630BS

Tgt Ion:168 Resp: 30779
Ion Ratio Lower Upper
168 100
139 40.1 30.5 45.7
169 13.1 10.3 15.5

Manual Integrations

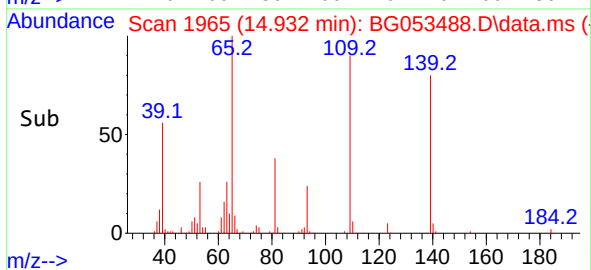
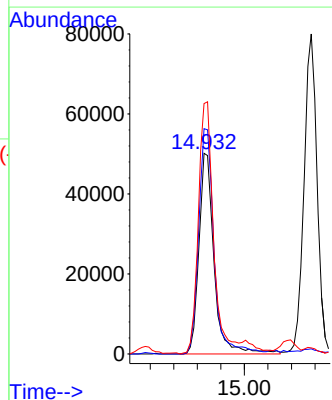
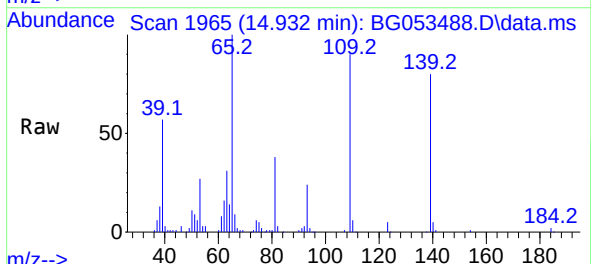
APPROVED

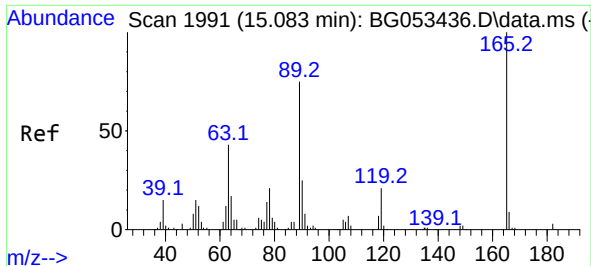
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#56
4-Nitrophenol
Concen: 90.891 ng
RT: 14.932 min Scan# 1965
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:139 Resp: 89892
Ion Ratio Lower Upper
139 100
109 112.3 88.5 128.5
65 124.9 93.9 133.9





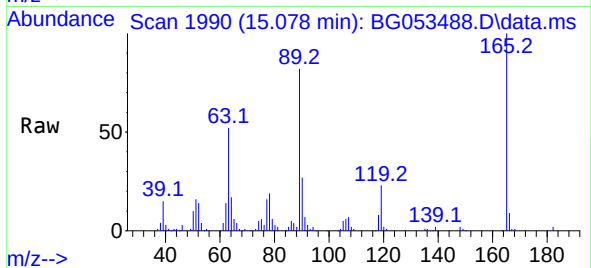
#57
2,4-Dinitrotoluene
Concen: 45.570 ng
RT: 15.078 min Scan# 1990
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

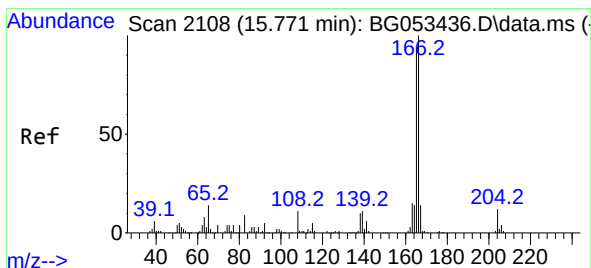
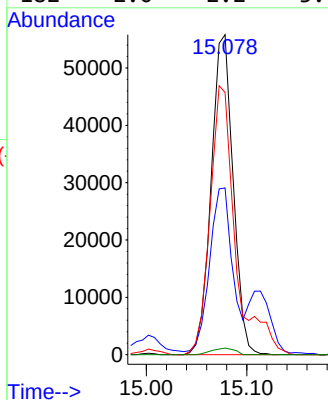
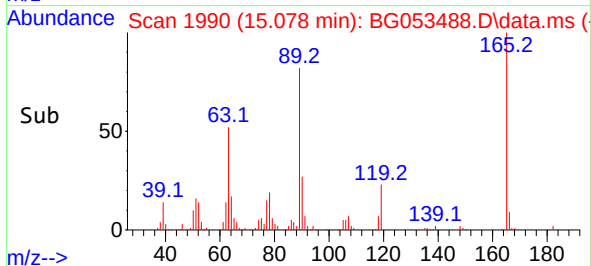


Tgt Ion:165 Resp: 8465
Ion Ratio Lower Upper
165 100
63 52.1 34.6 52.0
89 81.9 60.3 90.5
182 2.0 2.2 3.4#

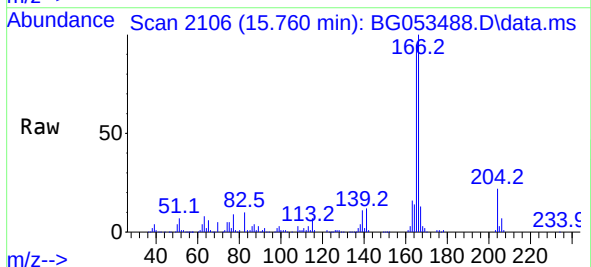
Manual Integrations

APPROVED

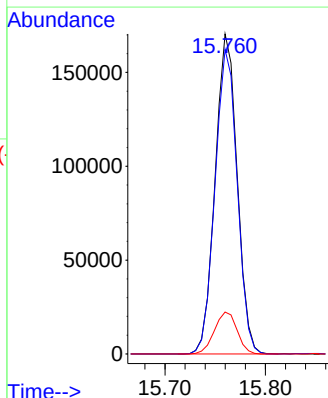
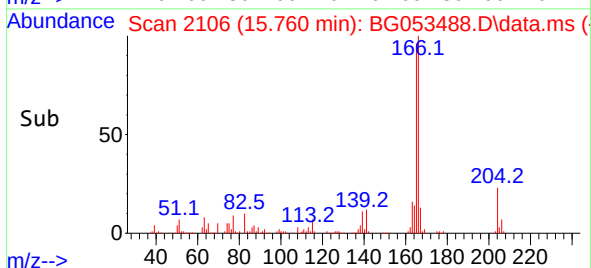
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

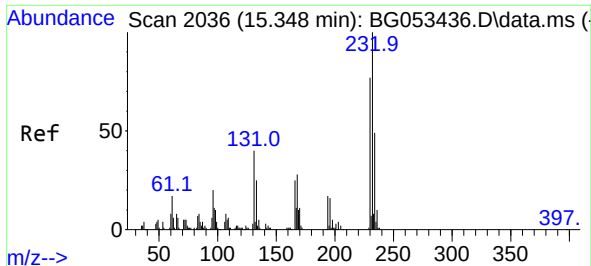


#58
Fluorene
Concen: 42.792 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:166 Resp: 259308
Ion Ratio Lower Upper
166 100
165 95.2 75.0 112.6
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.371 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

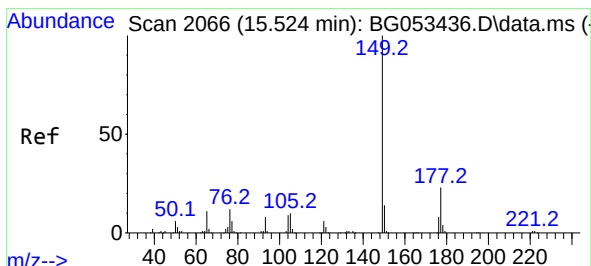
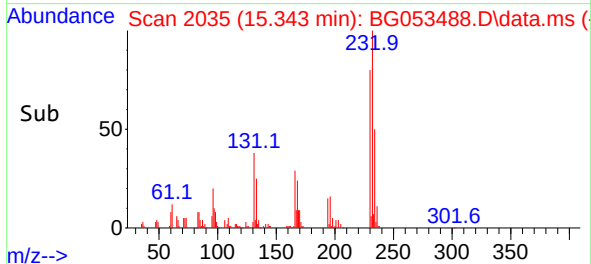
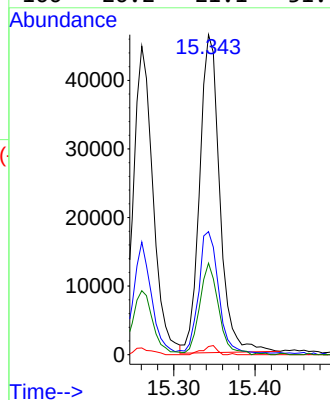
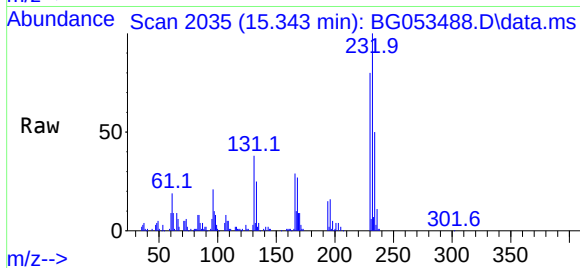
PB144630BS

Tgt Ion:232 Resp: 7976
Ion Ratio Lower Upper
232 100
131 38.0 30.6 46.0
130 2.0 1.8 2.8
166 26.2 21.1 31.7

Manual Integrations

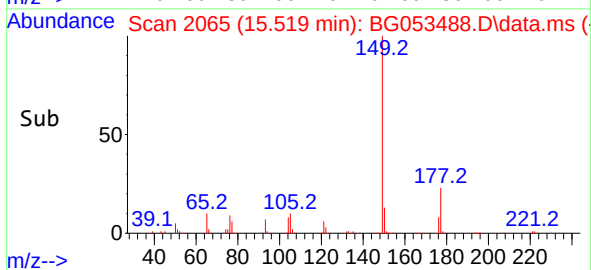
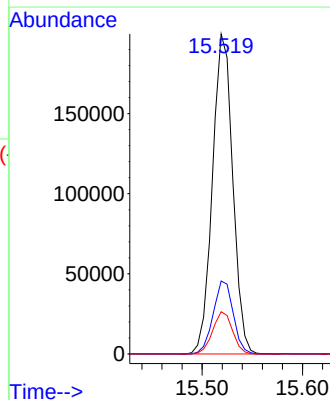
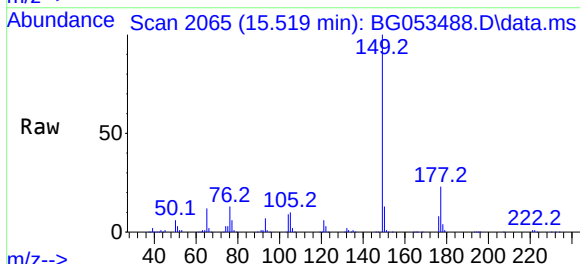
APPROVED

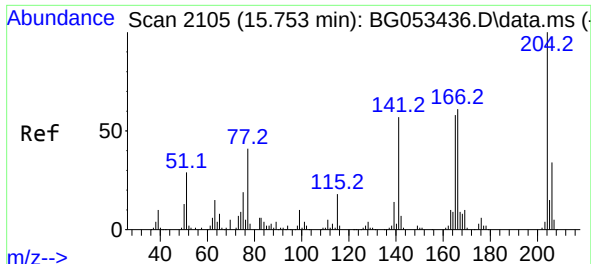
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#60
Diethylphthalate
Concen: 43.116 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:149 Resp: 280152
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 13.2 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 41.943 ng
RT: 15.748 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

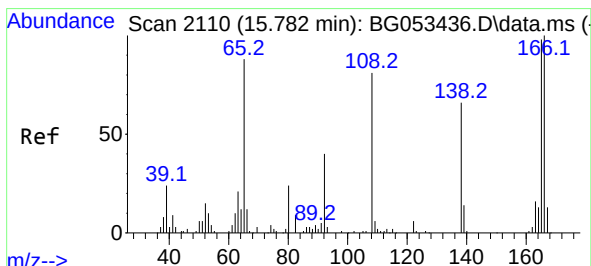
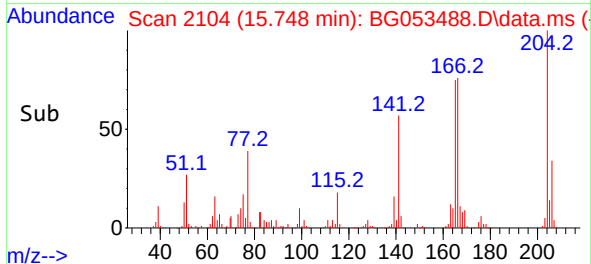
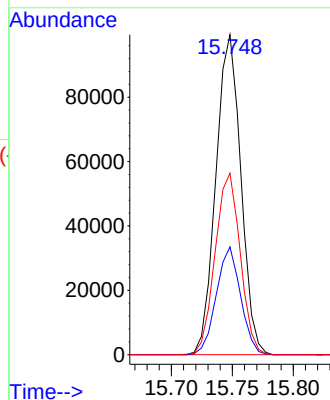
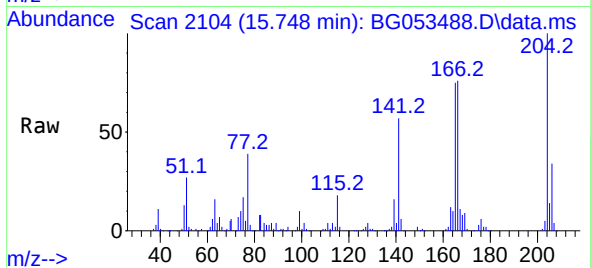
PB144630BS

Tgt Ion:204 Resp: 141820
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 56.7 45.3 67.9

Manual Integrations

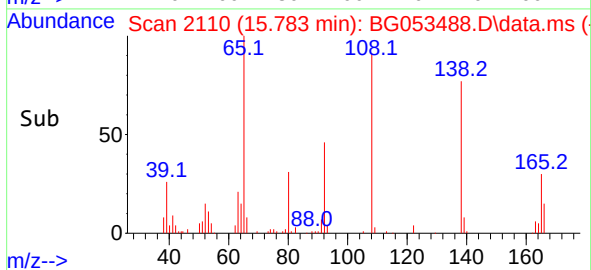
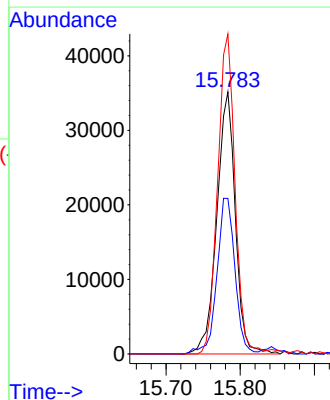
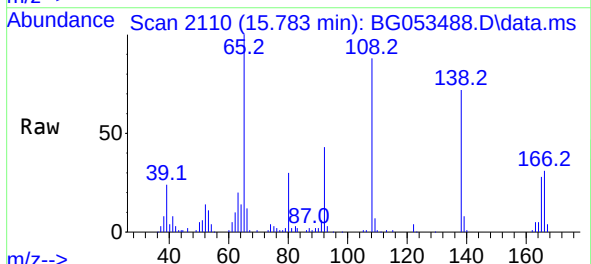
APPROVED

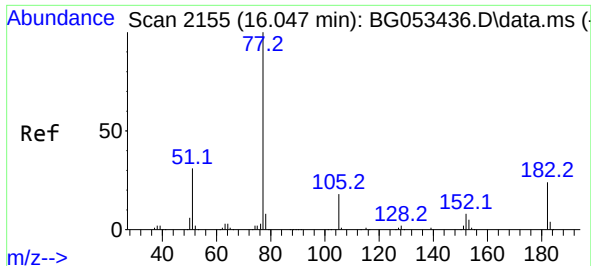
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#62
4-Nitroaniline
Concen: 42.554 ng
RT: 15.783 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:138 Resp: 61116
Ion Ratio Lower Upper
138 100
92 59.3 40.5 80.5
108 122.1 103.7 143.7





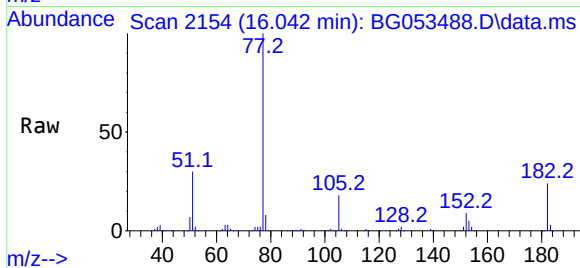
#63
Azobenzene
Concen: 42.927 ng
RT: 16.042 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

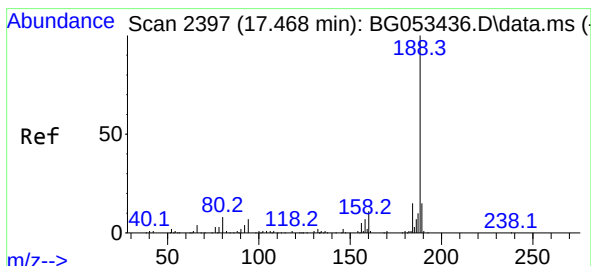
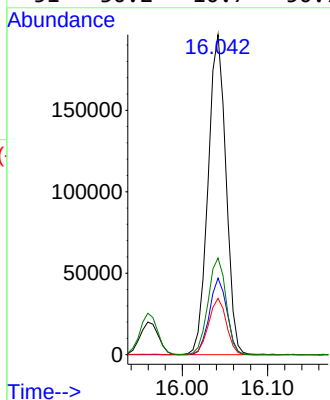
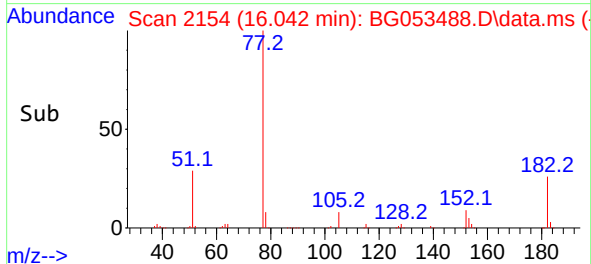


Tgt Ion: 77 Resp: 28562
Ion Ratio Lower Upper
77 100
182 23.9 3.8 43.8
105 17.6 0.0 37.8
51 30.2 10.7 50.7

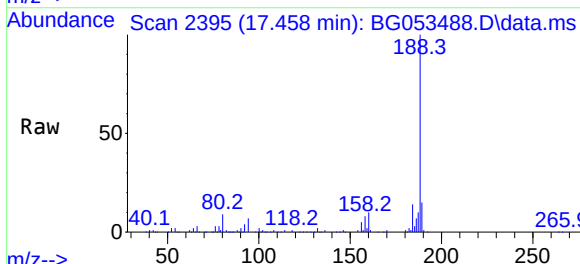
Manual Integrations

APPROVED

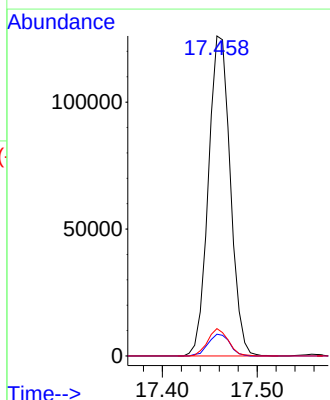
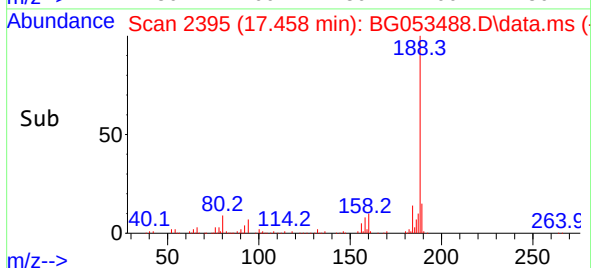
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

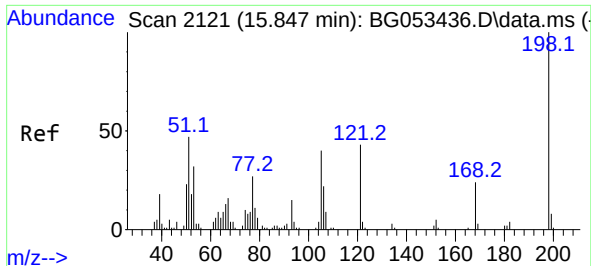


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.458 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:188 Resp: 202676
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.5 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 43.061 ng
RT: 15.842 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

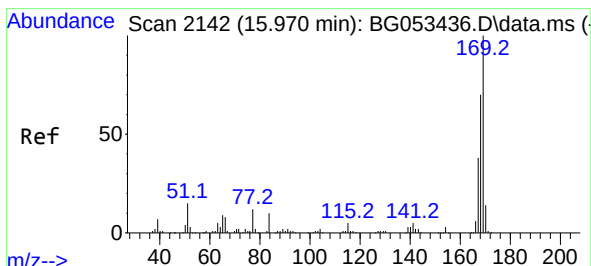
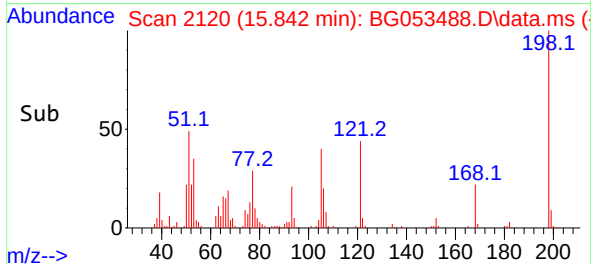
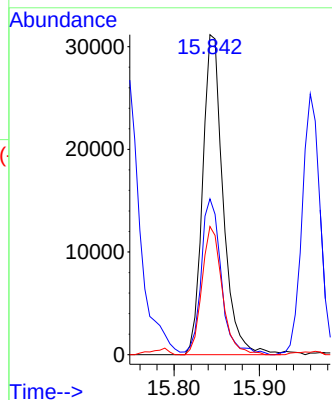
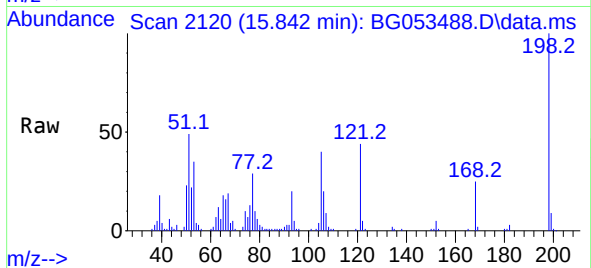
PB144630BS

Tgt Ion:198 Resp: 5200
Ion Ratio Lower Upper
198 100
51 48.7 28.1 68.1
105 40.1 20.3 60.3

Manual Integrations

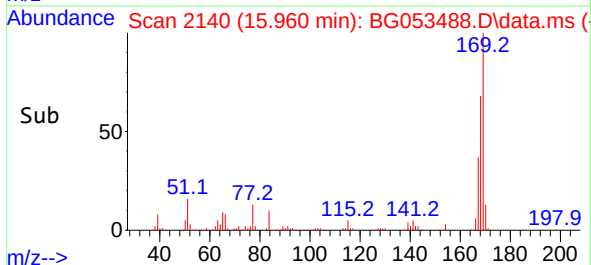
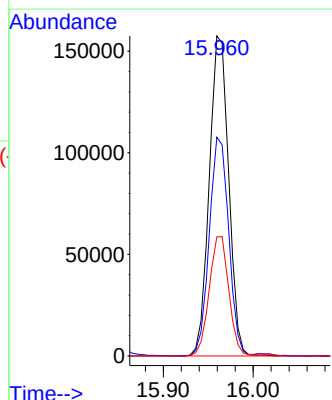
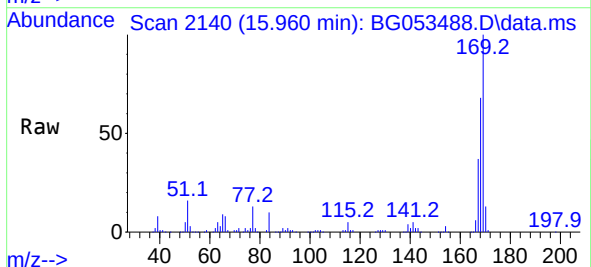
APPROVED

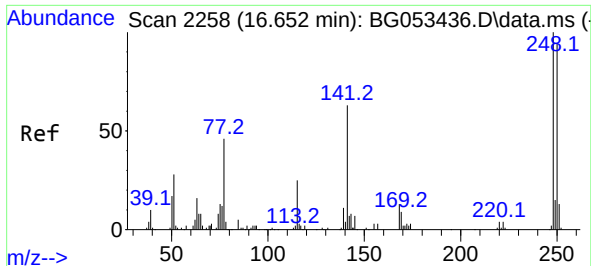
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#66
n-Nitrosodiphenylamine
Concen: 44.413 ng
RT: 15.960 min Scan# 2140
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:169 Resp: 236337
Ion Ratio Lower Upper
169 100
168 68.3 55.9 83.9
167 37.2 30.6 46.0





#67

4-Bromophenyl-phenylether

Concen: 42.984 ng

RT: 16.641 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

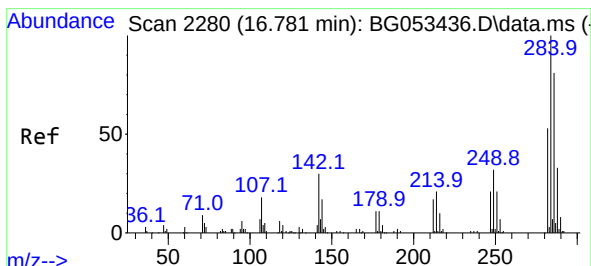
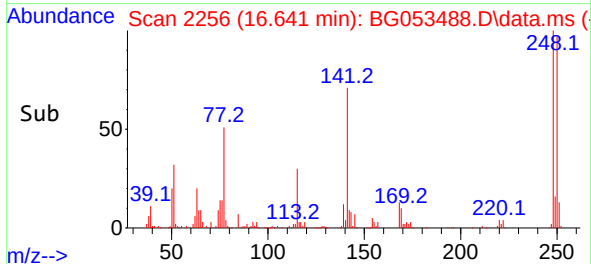
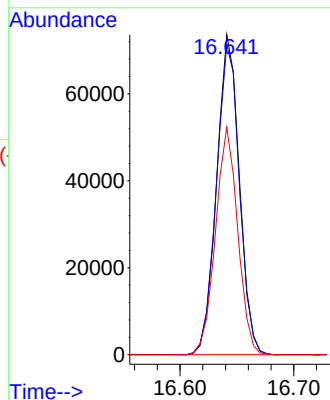
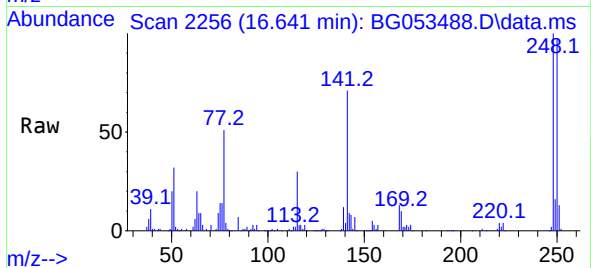
Tgt Ion:248 Resp: 101749

Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.2	112.8
141	71.0	50.0	75.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#68

Hexachlorobenzene

Concen: 44.202 ng

RT: 16.770 min Scan# 2278

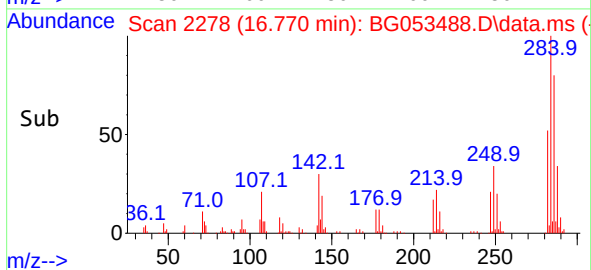
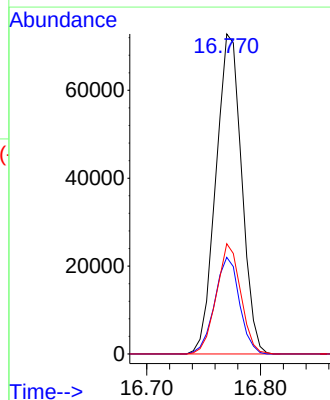
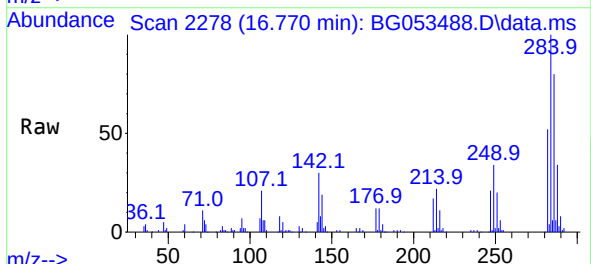
Delta R.T. -0.011 min

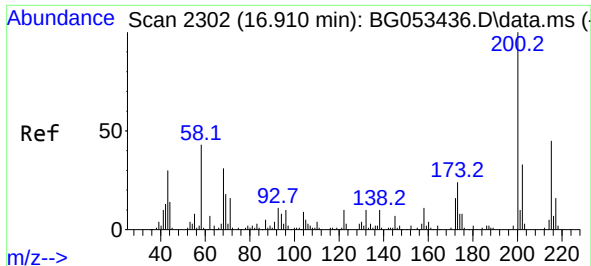
Lab File: BG053488.D

Acq: 9 May 2022 11:42

Tgt Ion:284 Resp: 114585

Ion	Ratio	Lower	Upper
284	100		
142	30.2	23.6	35.4
249	34.4	25.8	38.6





#69
Atrazine
Concen: 45.958 ng
RT: 16.905 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

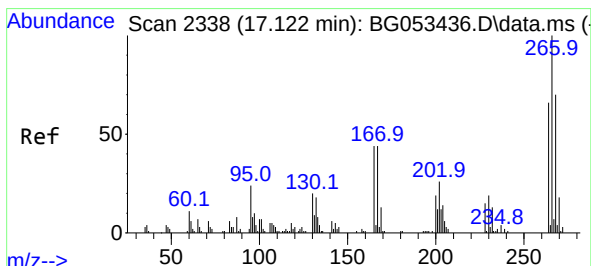
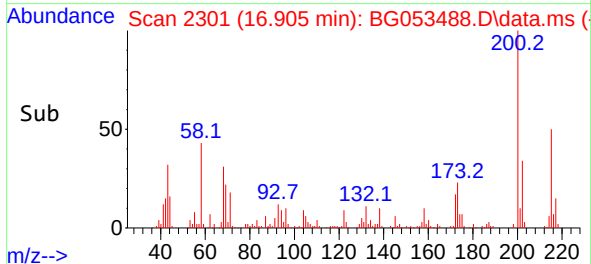
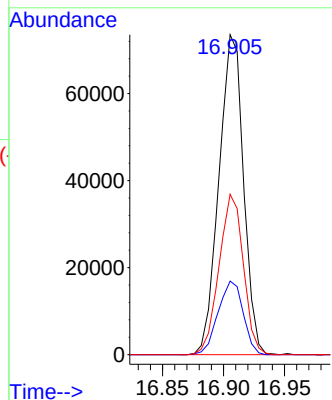
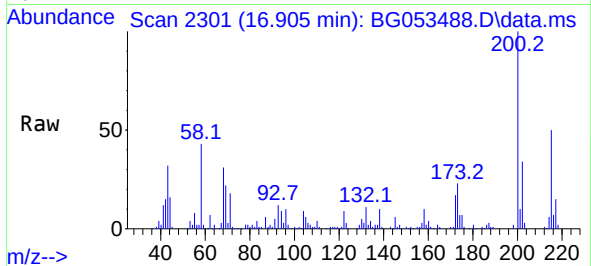
PB144630BS

Tgt Ion:200 Resp: 102954
Ion Ratio Lower Upper
200 100
173 23.0 3.7 43.7
215 50.1 25.2 65.2

Manual Integrations

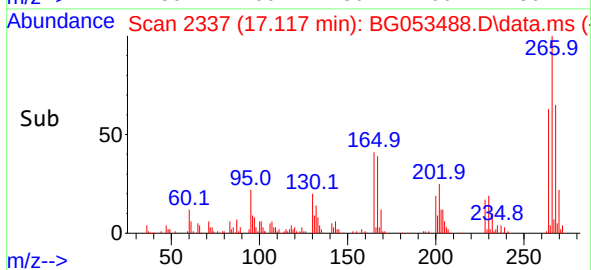
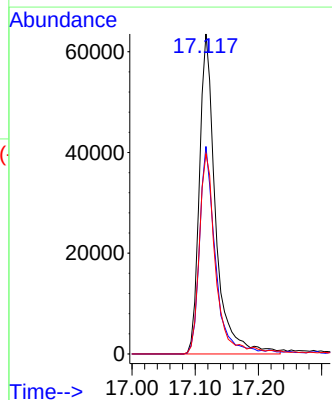
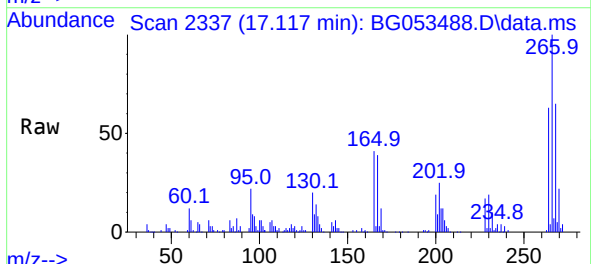
APPROVED

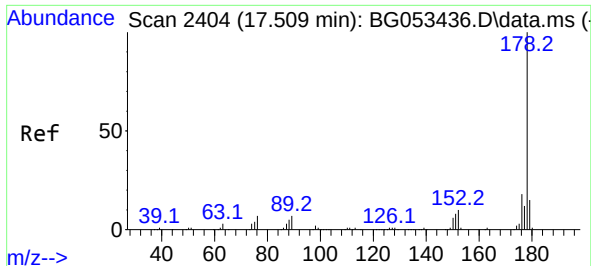
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#70
Pentachlorophenol
Concen: 80.755 ng
RT: 17.117 min Scan# 2337
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:266 Resp: 112804
Ion Ratio Lower Upper
266 100
268 64.8 56.2 84.2
264 62.5 53.0 79.4





#71
Phenanthrene
Concen: 44.386 ng
RT: 17.505 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

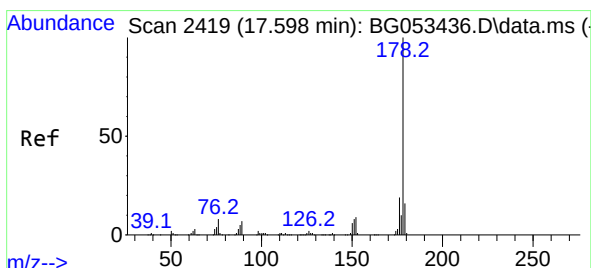
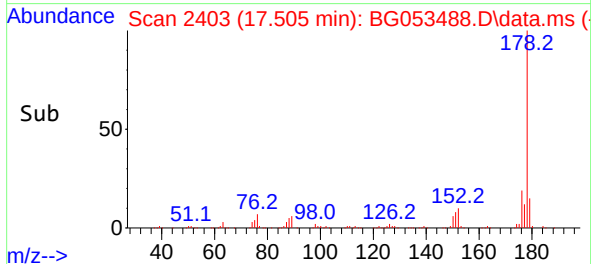
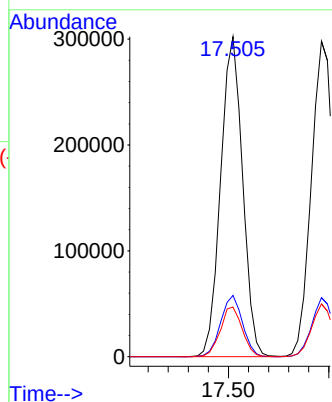
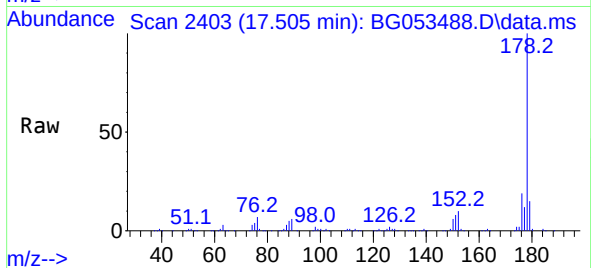
PB144630BS

Tgt Ion:178 Resp: 45743
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 15.5 12.1 18.1

Manual Integrations

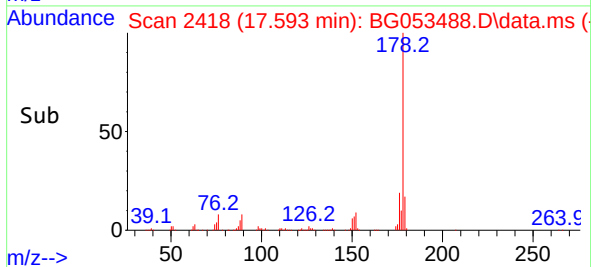
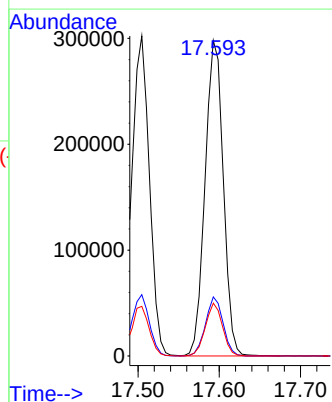
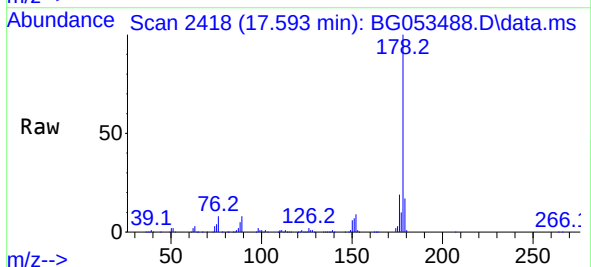
APPROVED

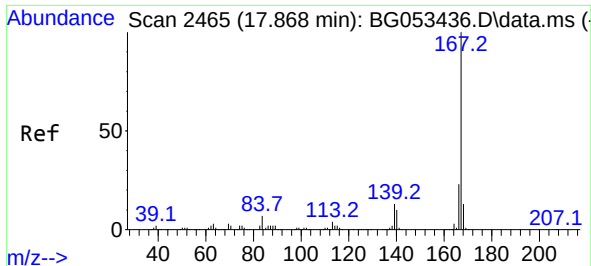
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#72
Anthracene
Concen: 45.897 ng
RT: 17.593 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:178 Resp: 464914
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.7 13.0 19.4





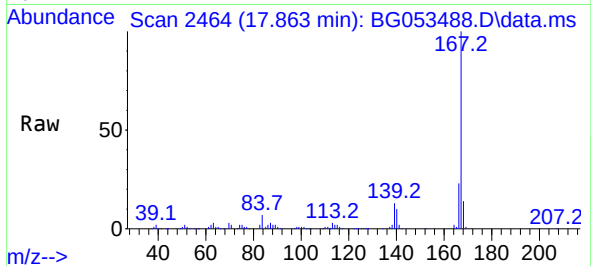
#73
 Carbazole
 Concen: 42.442 ng
 RT: 17.863 min Scan# 2464
 Delta R.T. -0.005 min
 Lab File: BG053488.D
 Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

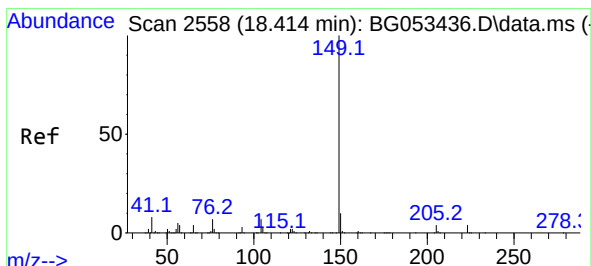
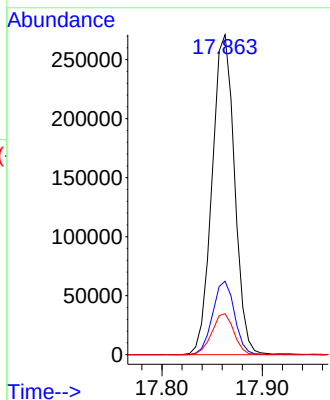
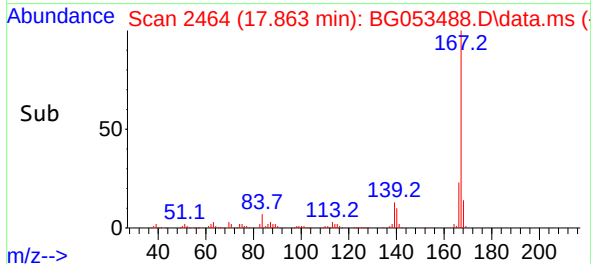


Tgt Ion:167 Resp: 421350
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.8 10.1 15.1

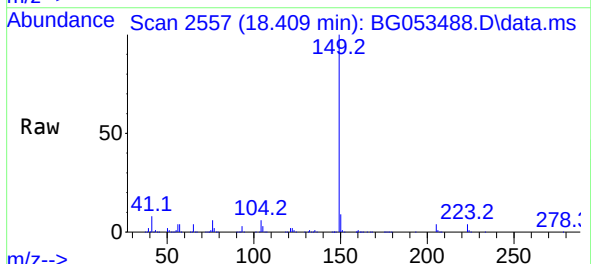
Manual Integrations

APPROVED

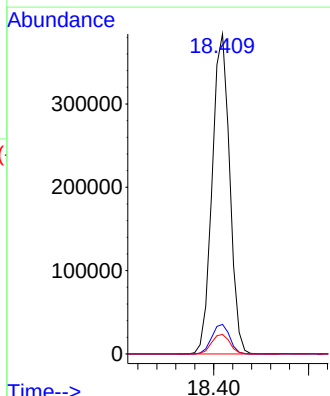
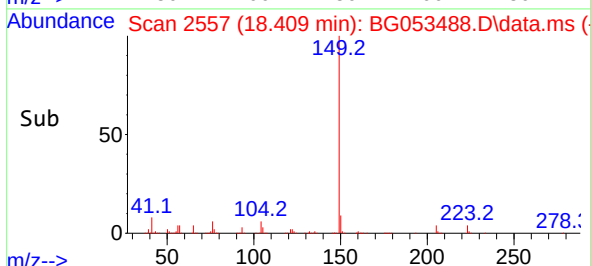
Reviewed By :Christian Giraldo 05/10/2022
 Supervised By :Jagrut Upadhyay 05/10/2022

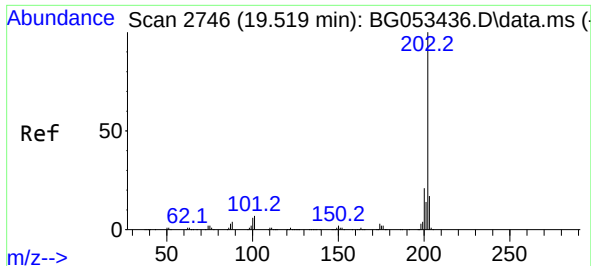


#74
 Di-n-butylphthalate
 Concen: 44.162 ng
 RT: 18.409 min Scan# 2557
 Delta R.T. -0.005 min
 Lab File: BG053488.D
 Acq: 9 May 2022 11:42



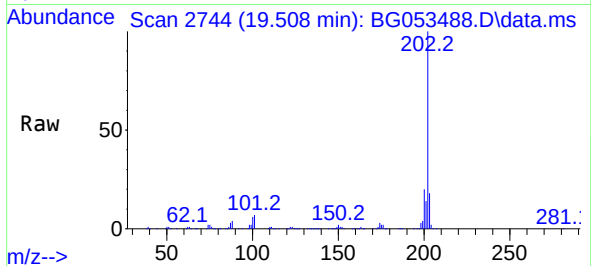
Tgt Ion:149 Resp: 493084
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 6.1 5.4 8.0





#75
Fluoranthene
Concen: 45.043 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

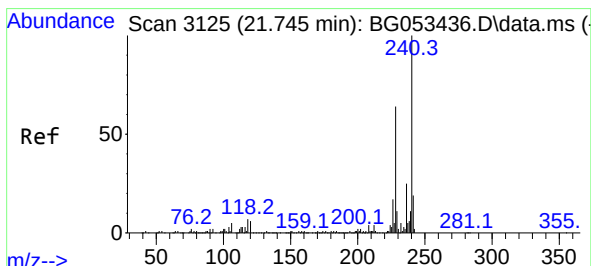
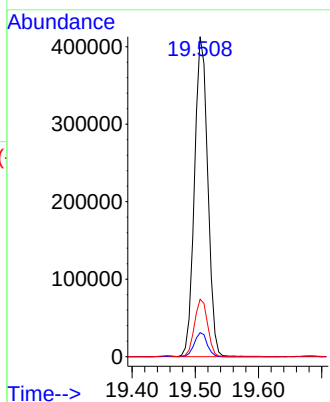
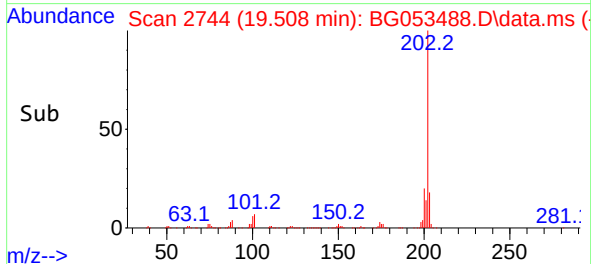
Instrument :
BNA_G
ClientSampleId :
PB144630BS



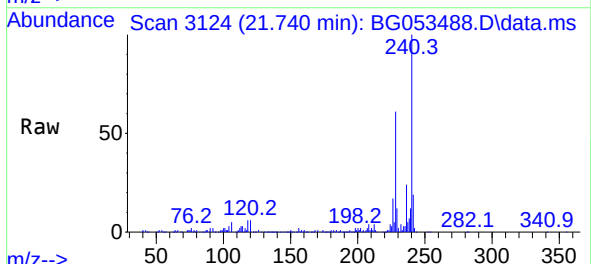
Tgt Ion:202 Resp: 60105
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.9
203 17.9 0.0 37.2

Manual Integrations
APPROVED

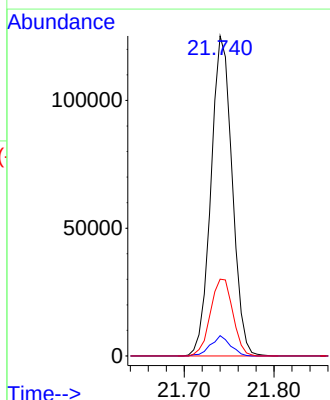
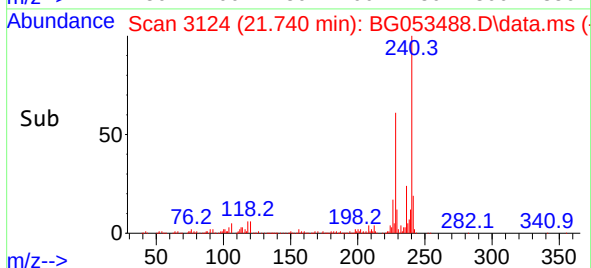
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

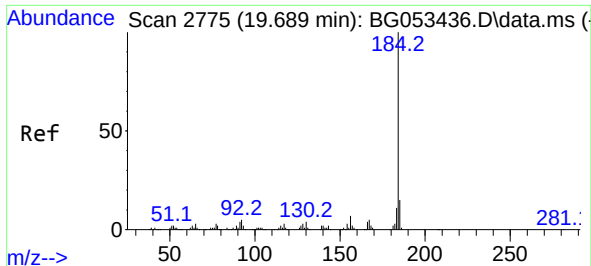


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



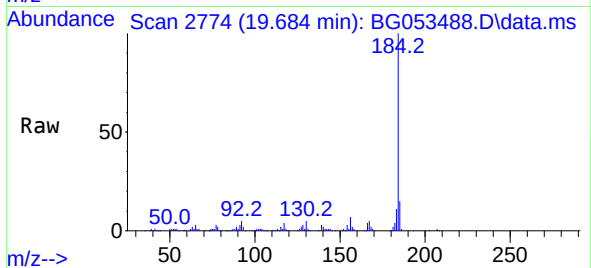
Tgt Ion:240 Resp: 204986
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.0 20.2 30.4





#77
Benzidine
Concen: 52.075 ng
RT: 19.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

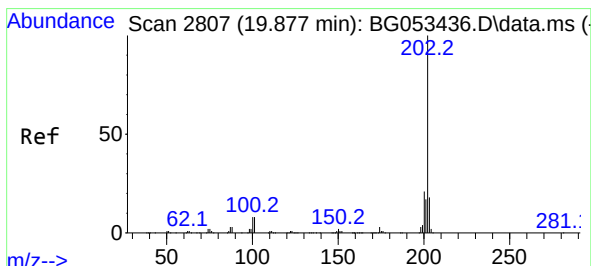
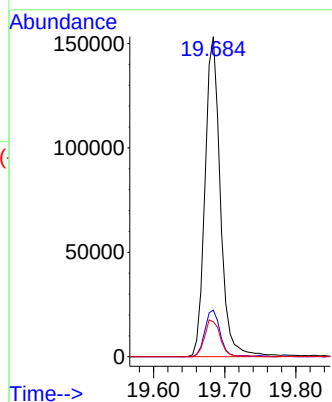
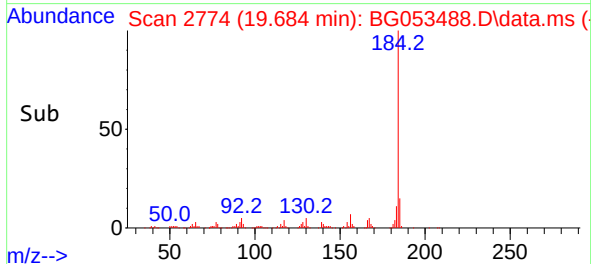
Instrument :
BNA_G
ClientSampleId :
PB144630BS



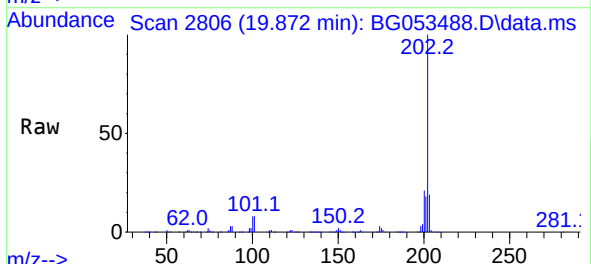
Tgt Ion:184 Resp: 230078
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 10.9 8.9 13.3

Manual Integrations
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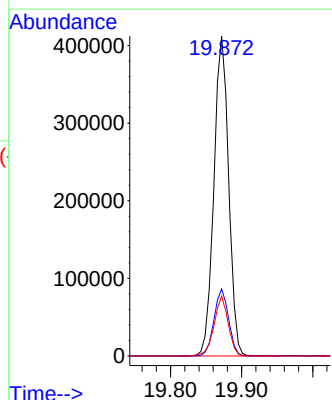
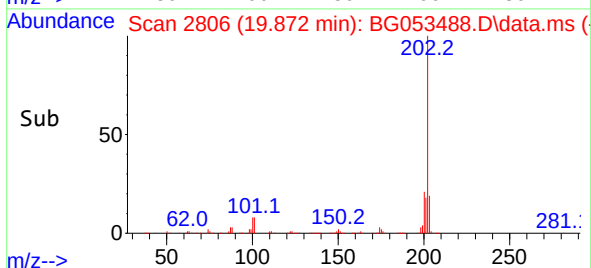
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

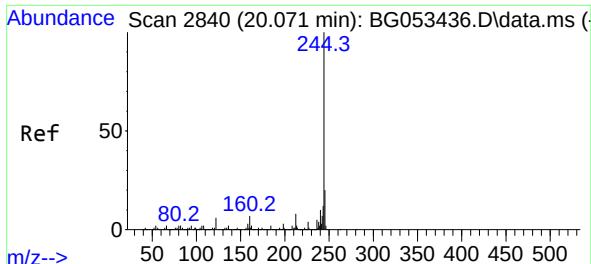


#78
Pyrene
Concen: 44.807 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:202 Resp: 594580
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.7 14.6 21.8





#79
Terphenyl-d14
Concen: 82.144 ng
RT: 20.066 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

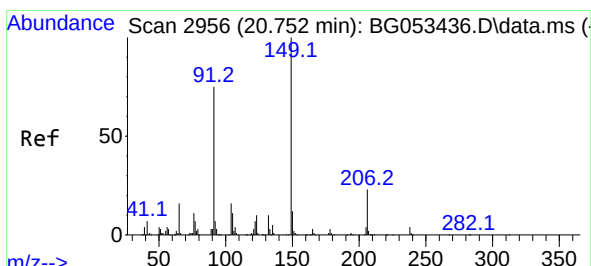
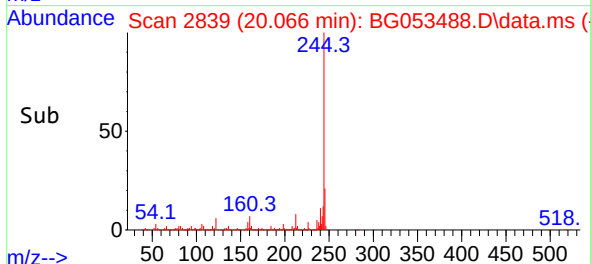
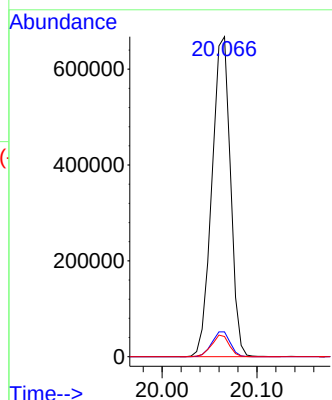
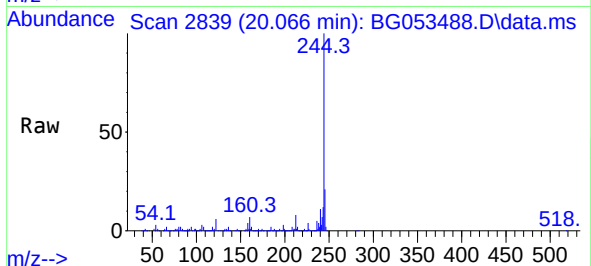
PB144630BS

Tgt Ion:244 Resp: 90409
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.3 5.0 7.4

Manual Integrations

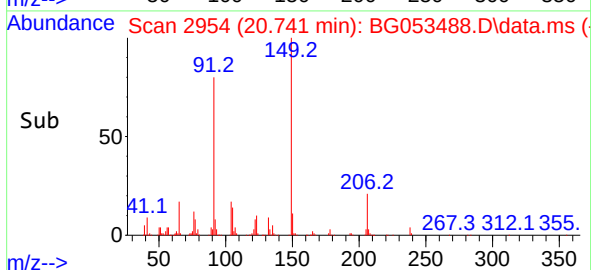
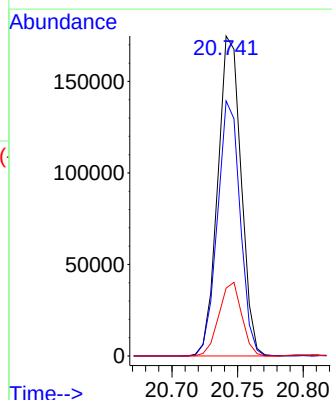
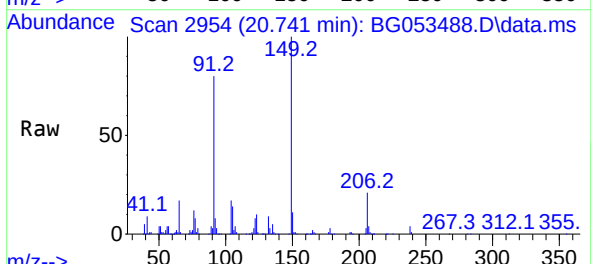
APPROVED

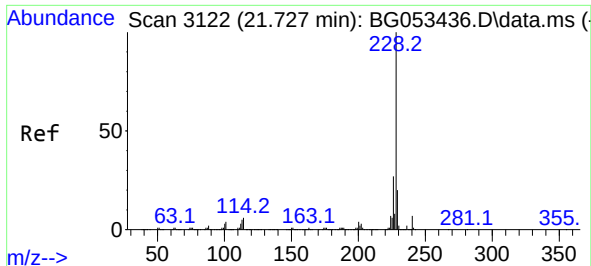
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#80
Butylbenzylphthalate
Concen: 44.360 ng
RT: 20.741 min Scan# 2954
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

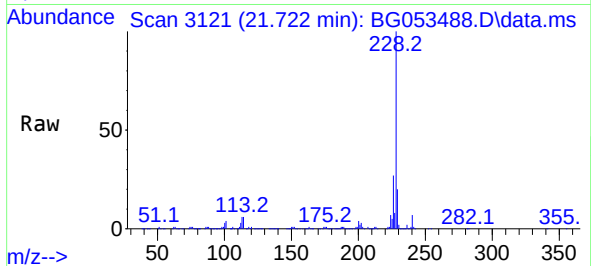
Tgt Ion:149 Resp: 215854
Ion Ratio Lower Upper
149 100
91 79.7 59.6 89.4
206 21.2 18.6 28.0





#81
Benzo(a)anthracene
Concen: 43.558 ng
RT: 21.722 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

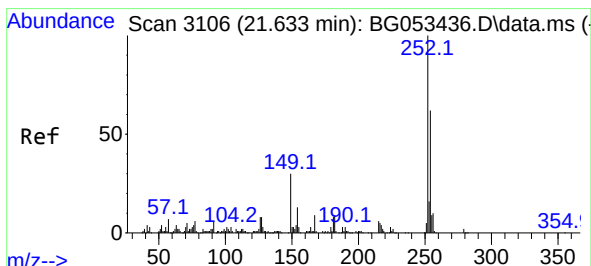
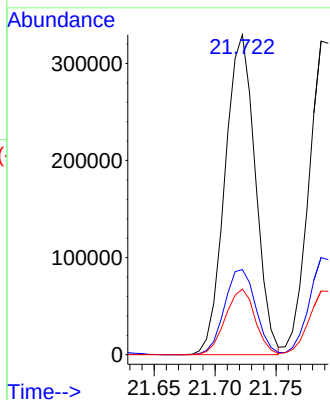
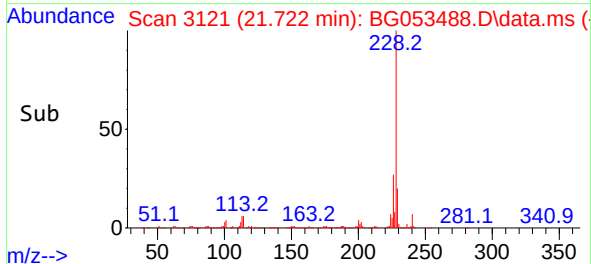
Instrument :
BNA_G
ClientSampleId :
PB144630BS



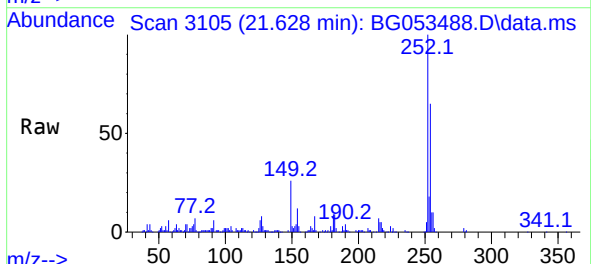
Tgt Ion:228 Resp: 56950
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 20.5 16.2 24.2

Manual Integrations
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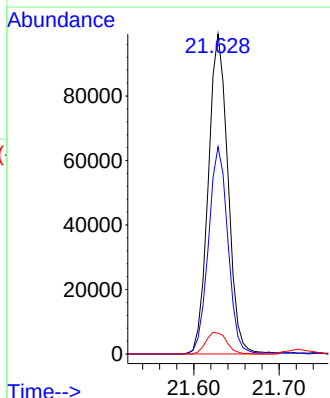
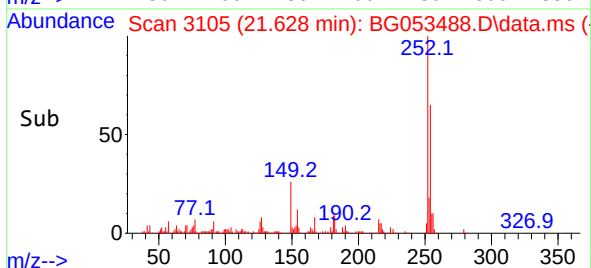
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

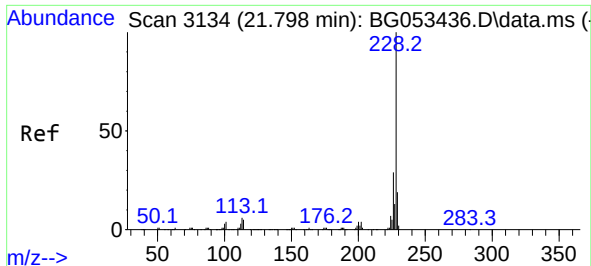


#82
3,3'-Dichlorobenzidine
Concen: 47.819 ng
RT: 21.628 min Scan# 3105
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:252 Resp: 158544
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.8
126 6.5 6.0 9.0





#83
Chrysene
Concen: 44.721 ng
RT: 21.787 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

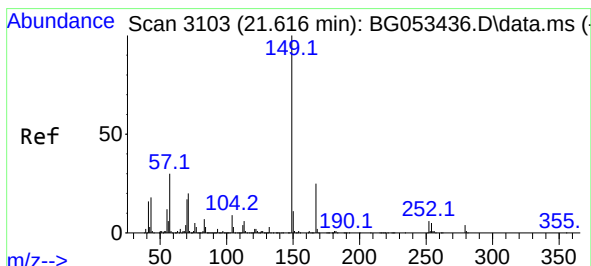
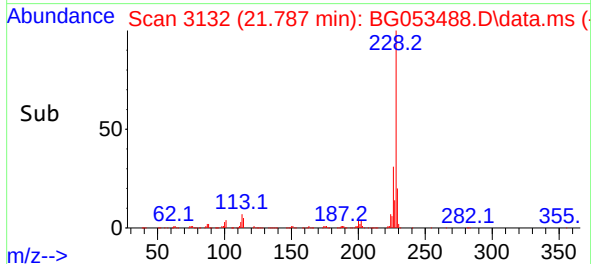
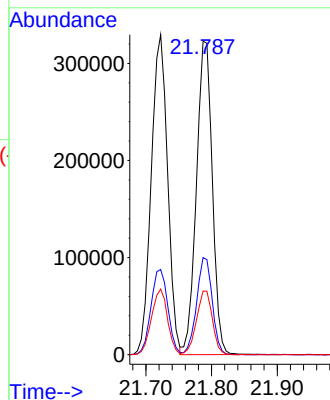
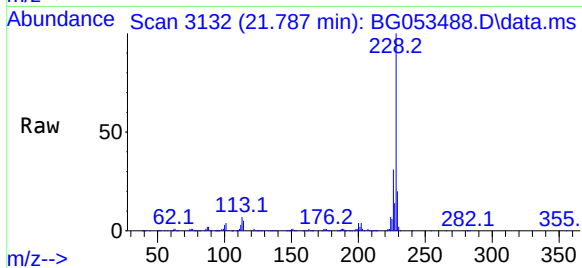
PB144630BS

Tgt Ion:228 Resp: 546092
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 20.3 15.5 23.3

Manual Integrations

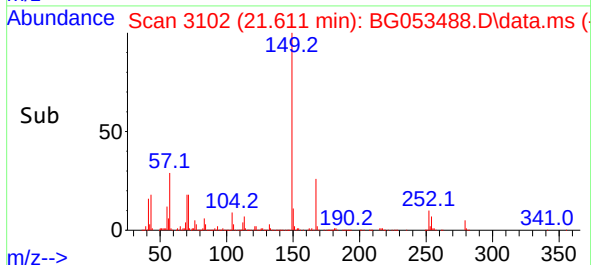
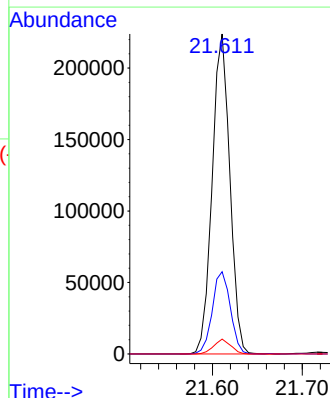
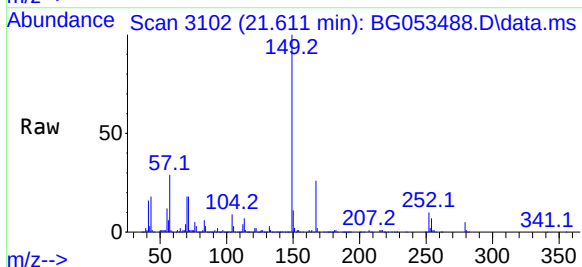
APPROVED

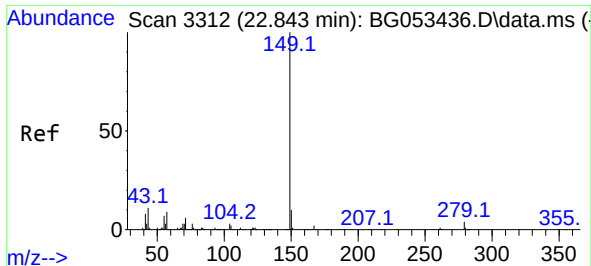
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.480 ng
RT: 21.611 min Scan# 3102
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Tgt Ion:149 Resp: 305451
Ion Ratio Lower Upper
149 100
167 25.7 20.2 30.4
279 4.6 3.6 5.4





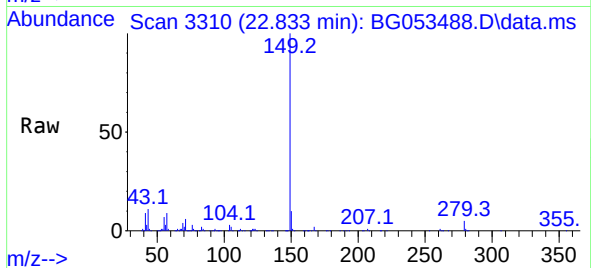
#85
Di-n-octyl phthalate
Concen: 46.419 ng
RT: 22.833 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

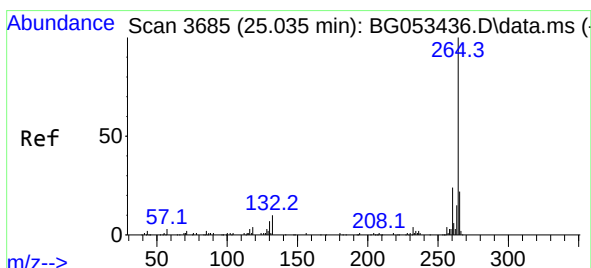
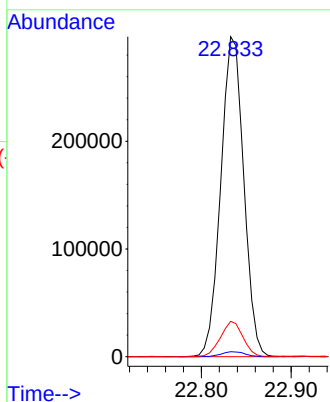
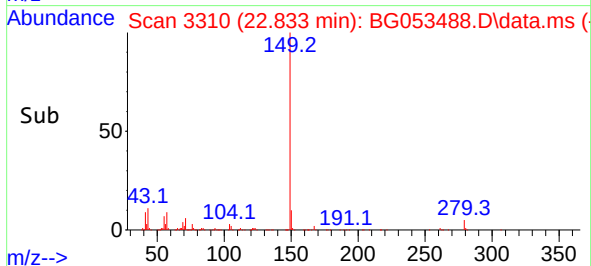


Tgt Ion:149 Resp: 527170
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.0 13.4

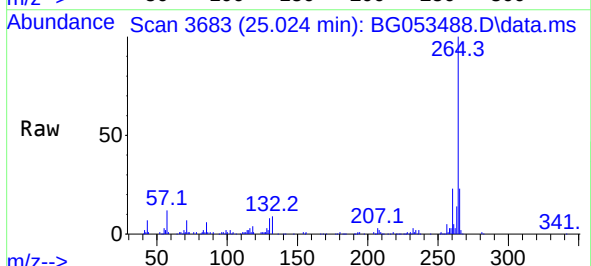
Manual Integrations

APPROVED

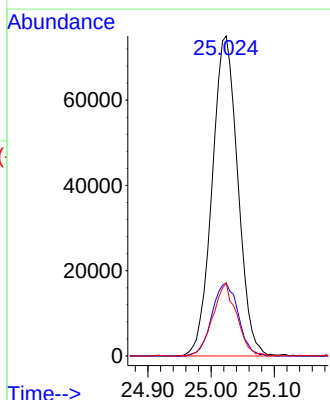
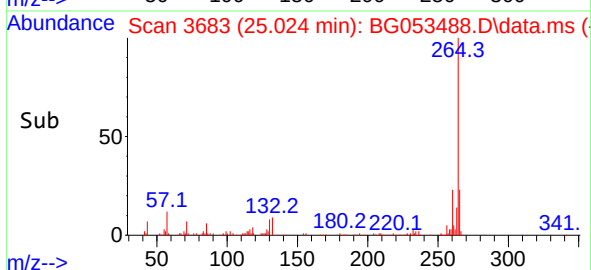
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

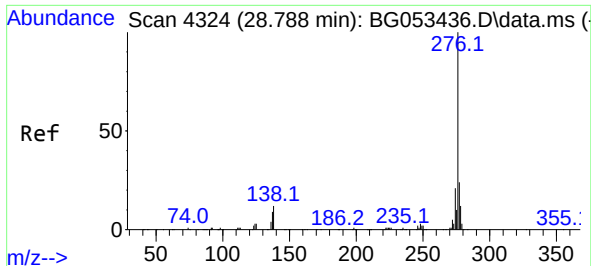


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3683
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:264 Resp: 211971
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 22.8 17.4 26.2





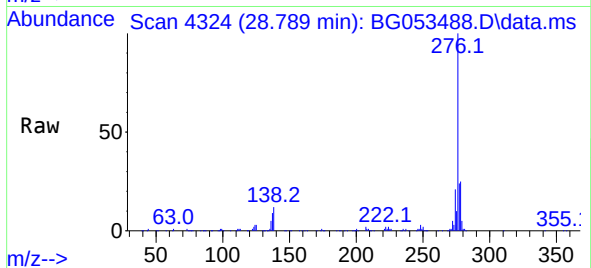
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.644 ng
RT: 28.789 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

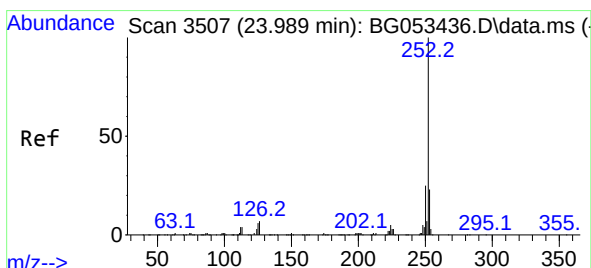
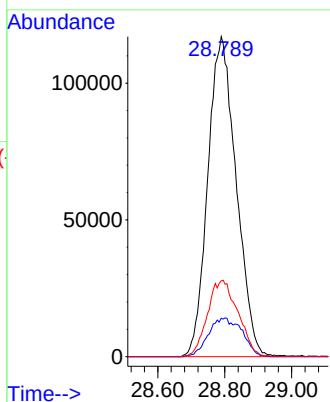
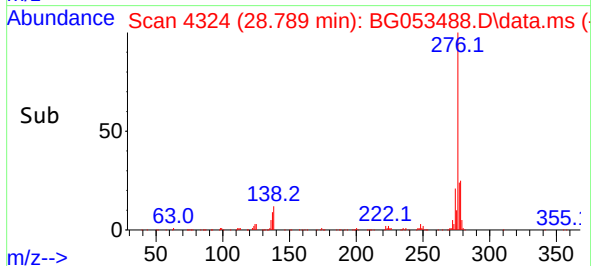


Tgt Ion:276 Resp: 68862
Ion Ratio Lower Upper
276 100
138 14.4 5.0 7.4
277 25.6 20.3 30.5

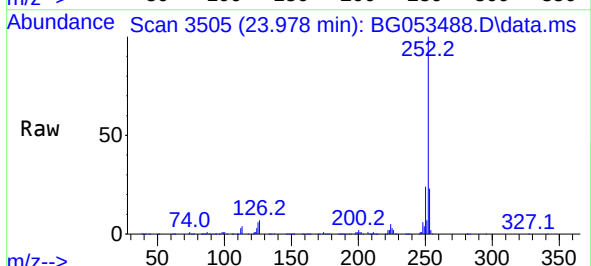
Manual Integrations

APPROVED

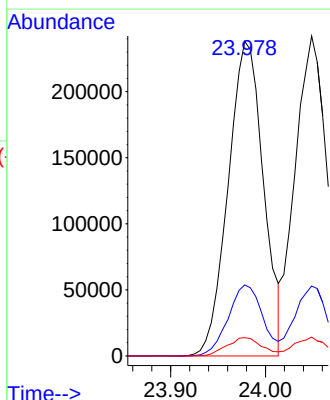
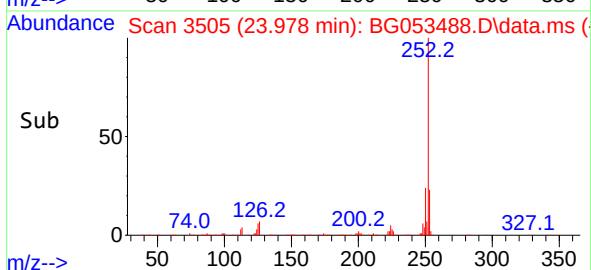
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

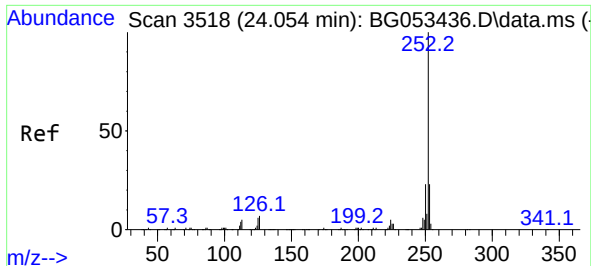


#88
Benzo(b)fluoranthene
Concen: 49.042 ng
RT: 23.978 min Scan# 3505
Delta R.T. -0.011 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:252 Resp: 615321
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 5.8 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 46.333 ng

RT: 24.049 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

Instrument :

BNA_G

ClientSampleId :

PB144630BS

Tgt Ion:252 Resp: 57126

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

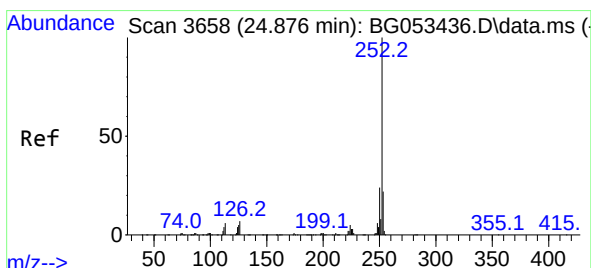
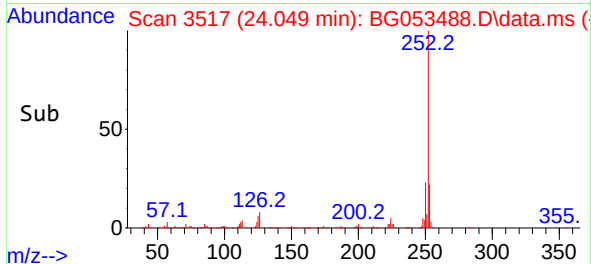
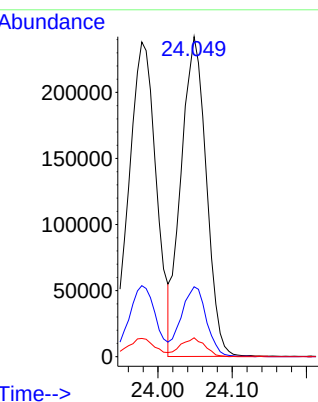
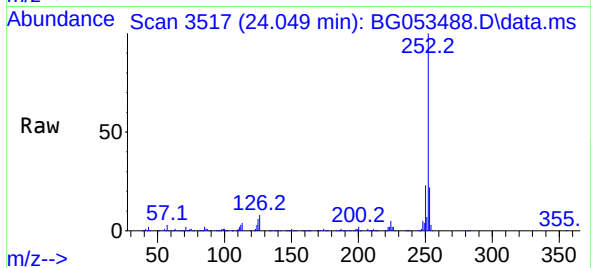
125 5.9 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022



#90

Benzo(a)pyrene

Concen: 54.931 ng

RT: 24.871 min Scan# 3657

Delta R.T. -0.005 min

Lab File: BG053488.D

Acq: 9 May 2022 11:42

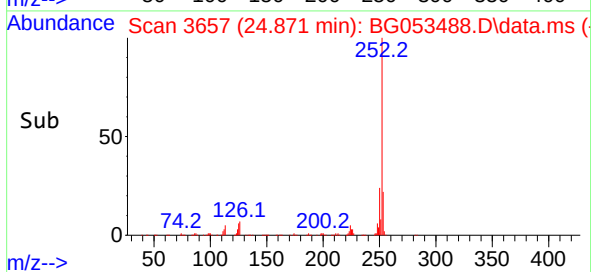
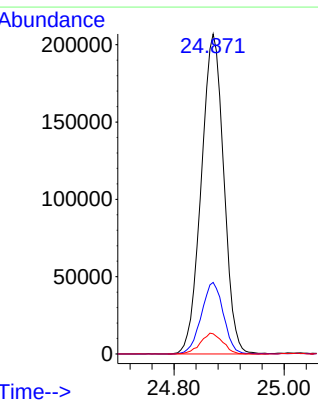
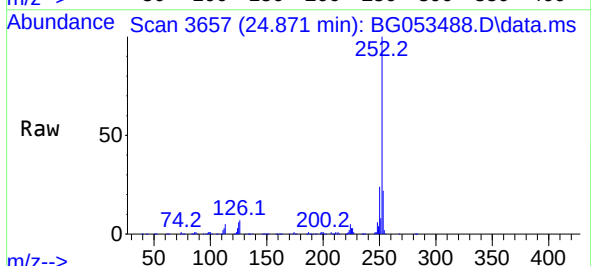
Tgt Ion:252 Resp: 586623

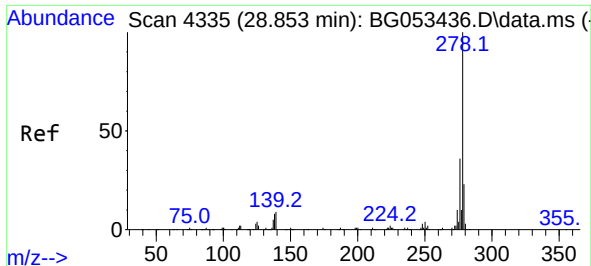
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

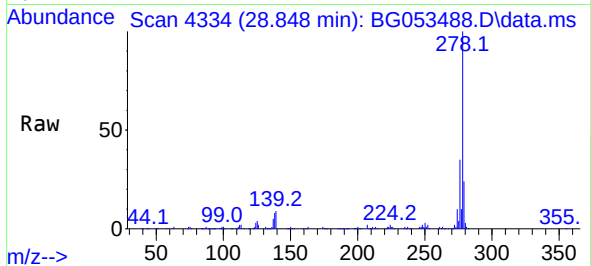
125 6.3 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 46.952 ng
RT: 28.848 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42

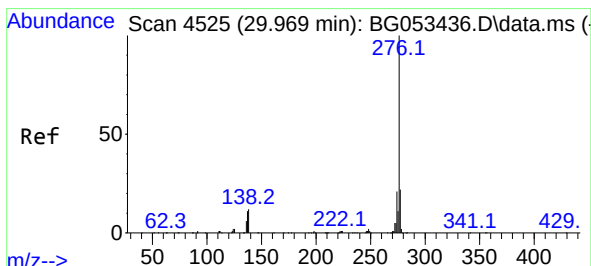
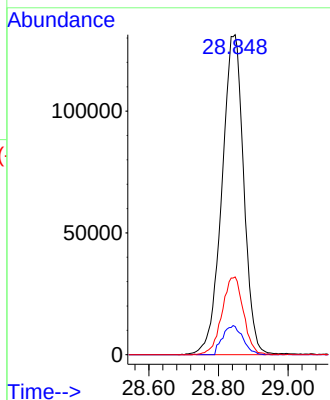
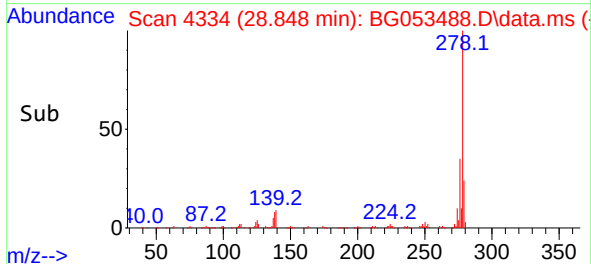
Instrument :
BNA_G
ClientSampleId :
PB144630BS



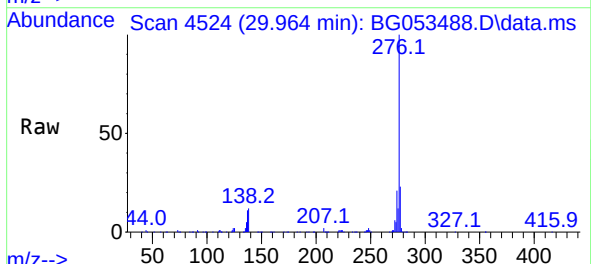
Tgt Ion:278 Resp: 57116
Ion Ratio Lower Upper
278 100
139 8.8 7.2 10.8
279 24.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#92
Benzo(g,h,i)perylene
Concen: 47.697 ng
RT: 29.964 min Scan# 4524
Delta R.T. -0.005 min
Lab File: BG053488.D
Acq: 9 May 2022 11:42



Tgt Ion:276 Resp: 575154
Ion Ratio Lower Upper
276 100
277 23.4 17.3 25.9
138 11.5 9.6 14.4

