

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053495.D
 Acq On : 9 May 2022 16:27
 Operator : CG/JU
 Sample : N2745-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

Manual Integrations

APPROVED

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

Quant Time: May 09 17:40:02 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	28434	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	110074	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	84426	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	199913	20.000	ng	-0.01
76) Chrysene-d12	21.740	240	195959	20.000	ng	0.00
86) Perylene-d12	25.018	264	206227	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	228656	136.477	ng	-0.01
7) Phenol-d6	7.254	99	331317	130.301	ng	0.00
23) Nitrobenzene-d5	9.251	82	227177	87.855	ng	-0.01
42) 2,4,6-Tribromophenol	16.206	330	155189	124.631	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	470311	81.403	ng	0.00
79) Terphenyl-d14	20.060	244	844352	80.250	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	33366	37.956	ng	95
3) Pyridine	3.934	79	84126	39.187	ng	100
4) n-Nitrosodimethylamine	3.846	42	50707	48.487	ng	# 97
6) Aniline	7.412	93	107039	38.008	ng	100
8) 2-Chlorophenol	7.653	128	87768	50.111	ng	94
9) Benzaldehyde	7.218	77	61214m	37.895	ng	
10) Phenol	7.283	94	125906	50.629	ng	96
11) bis(2-Chloroethyl)ether	7.500	93	85224	45.950	ng	99
12) 1,3-Dichlorobenzene	7.976	146	95780	46.355	ng	91
13) 1,4-Dichlorobenzene	8.123	146	96900	46.473	ng	96
14) 1,2-Dichlorobenzene	8.446	146	93032	47.515	ng	96
15) Benzyl Alcohol	8.329	79	102430m	48.184	ng	
16) 2,2'-oxybis(1-Chloropr...	8.611	45	139841	46.326	ng	95
17) 2-Methylphenol	8.534	107	82095	48.842	ng	93
18) Hexachloroethane	9.174	117	36494	46.090	ng	93
19) n-Nitroso-di-n-propyla...	8.892	70	82163	45.037	ng	98
20) 3+4-Methylphenols	8.857	107	112589	47.429	ng	98
22) Acetophenone	8.910	105	143063	47.489	ng	# 97
24) Nitrobenzene	9.292	77	125004	49.947	ng	98
25) Isophorone	9.815	82	226303	52.002	ng	99
26) 2-Nitrophenol	10.009	139	50856	50.171	ng	98
27) 2,4-Dimethylphenol	10.067	122	89929	58.951	ng	97
28) bis(2-Chloroethoxy)met...	10.291	93	119683	47.818	ng	99
29) 2,4-Dichlorophenol	10.549	162	96678	52.511	ng	94
30) 1,2,4-Trichlorobenzene	10.761	180	102448	48.975	ng	98
31) Naphthalene	10.949	128	273460	48.839	ng	100
32) Benzoic acid	10.244	122	43283m	45.852	ng	
33) 4-Chloroaniline	11.060	127	48490	20.679	ng	98
34) Hexachlorobutadiene	11.236	225	75115	48.425	ng	99
35) Caprolactam	11.830	113	32534m	48.626	ng	
36) 4-Chloro-3-methylphenol	12.182	107	110135	50.009	ng	98
37) 2-Methylnaphthalene	12.546	142	197581	47.285	ng	99
38) 1-Methylnaphthalene	12.764	142	188896	46.334	ng	94
40) 1,2,4,5-Tetrachloroben...	12.916	216	130193	48.922	ng	99
41) Hexachlorocyclopentadiene	12.899	237	128033	113.904	ng	99
43) 2,4,6-Trichlorophenol	13.157	196	87665	50.466	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053495.D
 Acq On : 9 May 2022 16:27
 Operator : CG/JU
 Sample : N2745-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-31DMSD

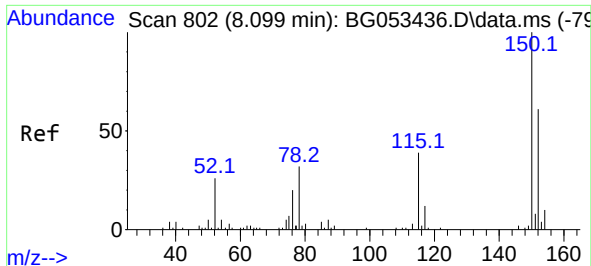
Manual Integrations
 APPROVED

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

Quant Time: May 09 17:40:02 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)
44) 2,4,5-Trichlorophenol	13.234	196	92589	50.081	ng	96
46) 1,1'-Biphenyl	13.551	154	275188	47.819	ng	98
47) 2-Chloronaphthalene	13.592	162	213813	47.422	ng	99
48) 2-Nitroaniline	13.792	65	84001	49.999	ng	97
49) Acenaphthylene	14.438	152	362974	50.450	ng	100
50) Dimethylphthalate	14.162	163	296973	46.289	ng	99
51) 2,6-Dinitrotoluene	14.285	165	64232	49.142	ng	98
52) Acenaphthene	14.779	154	202595	47.250	ng	99
53) 3-Nitroaniline	14.614	138	38792	27.468	ng	97
54) 2,4-Dinitrophenol	14.831	184	78682	93.676	ng	95
55) Dibenzofuran	15.113	168	351565	45.648	ng	99
56) 4-Nitrophenol	14.937	139	100587	99.719	ng	94
57) 2,4-Dinitrotoluene	15.078	165	93258	49.223	ng #	94
58) Fluorene	15.760	166	288854	46.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.343	232	87610	46.705	ng	98
60) Diethylphthalate	15.519	149	307430	46.390	ng	98
61) 4-Chlorophenyl-phenyle...	15.748	204	161152	46.728	ng	99
62) 4-Nitroaniline	15.777	138	65417	44.659	ng	97
63) Azobenzene	16.042	77	307995	45.386	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	57152	47.977	ng	98
66) n-Nitrosodiphenylamine	15.959	169	259621	49.463	ng	97
67) 4-Bromophenyl-phenylether	16.641	248	114595	49.082	ng	94
68) Hexachlorobenzene	16.770	284	123522	48.308	ng	99
69) Atrazine	16.905	200	112350	50.846	ng	97
70) Pentachlorophenol	17.117	266	133127	95.708	ng	92
71) Phenanthrene	17.504	178	487484	47.956	ng	97
72) Anthracene	17.592	178	491063	49.148	ng	98
73) Carbazole	17.863	167	455909	46.558	ng	100
74) Di-n-butylphthalate	18.409	149	529549	48.084	ng	99
75) Fluoranthene	19.508	202	618944	47.025	ng	98
77) Benzidine	19.684	184	381801	90.396	ng	97
78) Pyrene	19.872	202	618395	48.749	ng	100
80) Butylbenzylphthalate	20.741	149	228413	49.103	ng	97
81) Benzo(a)anthracene	21.722	228	596273	47.707	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	134304	42.374	ng	99
83) Chrysene	21.787	228	547837	46.931	ng	98
84) Bis(2-ethylhexyl)phtha...	21.611	149	321864	50.132	ng	99
85) Di-n-octyl phthalate	22.832	149	528084	48.641	ng	100
87) Indeno(1,2,3-cd)pyrene	28.783	276	677075	47.139	ng #	99
88) Benzo(b)fluoranthene	23.978	252	628004	51.447	ng	98
89) Benzo(k)fluoranthene	24.043	252	575498	47.977	ng	97
90) Benzo(a)pyrene	24.871	252	594977	57.265	ng	98
91) Dibenzo(a,h)anthracene	28.842	278	579252	48.943	ng	98
92) Benzo(g,h,i)perylene	29.952	276	579883	49.429	ng	98

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



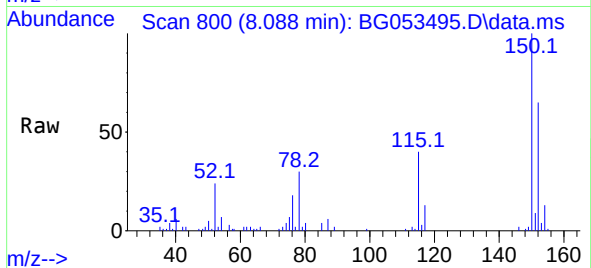
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

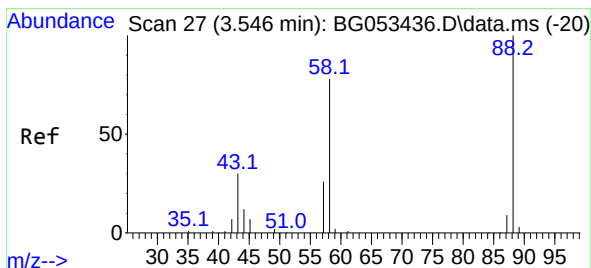
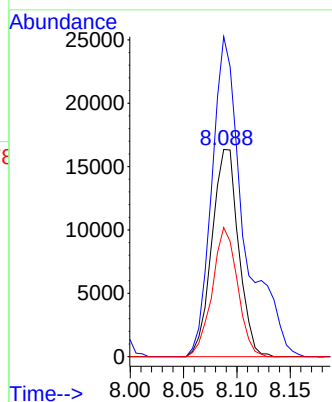


Tgt Ion:152 Resp: 28434
Ion Ratio Lower Upper
152 100
150 154.4 131.6 197.4
115 62.3 50.9 76.3

Manual Integrations

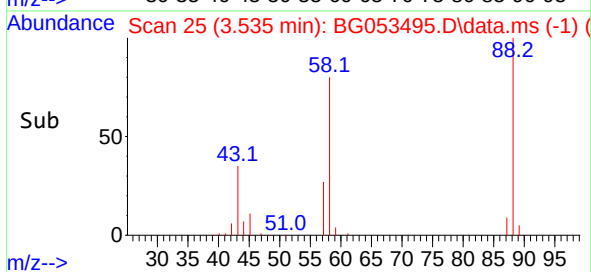
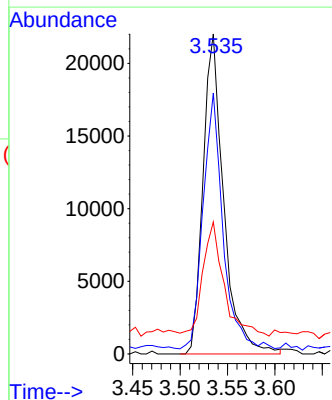
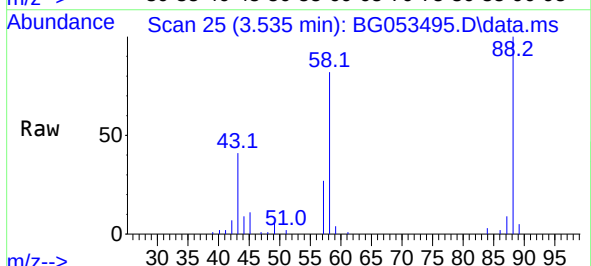
APPROVED

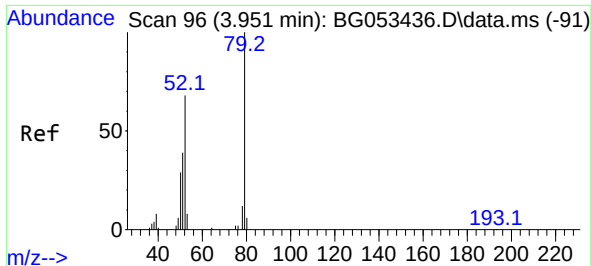
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#2
1,4-Dioxane
Concen: 37.956 ng
RT: 3.535 min Scan# 25
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

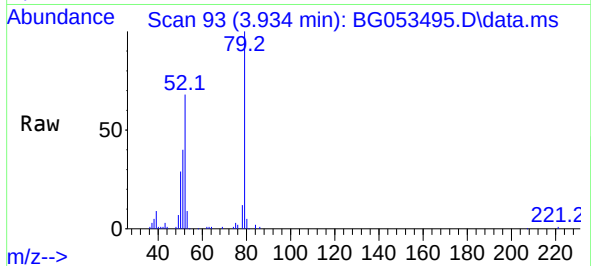
Tgt Ion: 88 Resp: 33366
Ion Ratio Lower Upper
88 100
58 76.6 59.2 88.8
43 36.3 24.3 36.5





#3
Pyridine
Concen: 39.187 ng
RT: 3.934 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

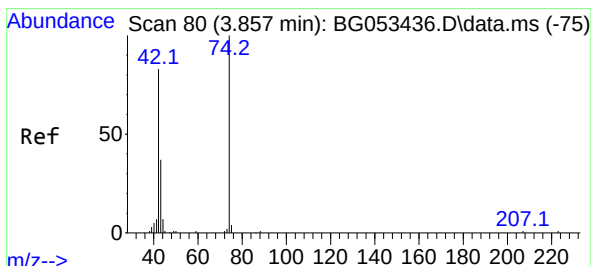
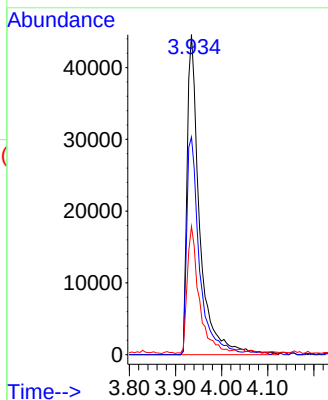
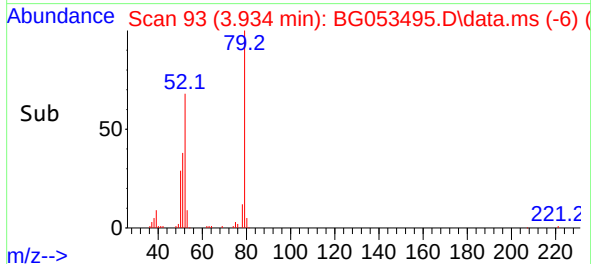
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



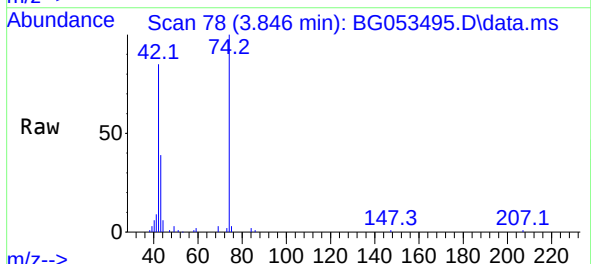
Tgt Ion: 79 Resp: 84120
Ion Ratio Lower Upper
79 100
52 68.0 54.6 81.8
51 40.1 32.5 48.7

Manual Integrations
APPROVED

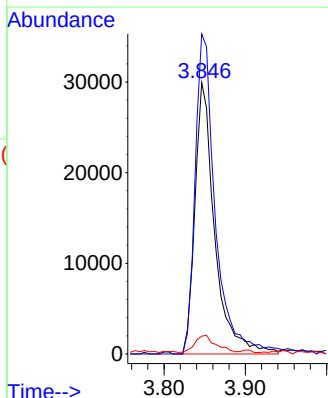
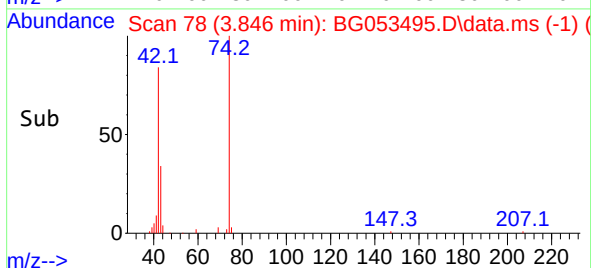
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

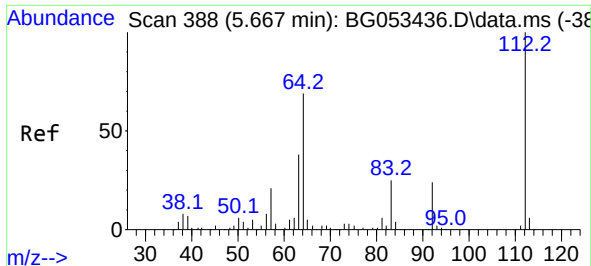


#4
n-Nitrosodimethylamine
Concen: 48.487 ng
RT: 3.846 min Scan# 78
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion: 42 Resp: 50707
Ion Ratio Lower Upper
42 100
74 117.9 97.0 145.4
44 6.5 7.0 10.4





#5
2-Fluorophenol
Concen: 136.477 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

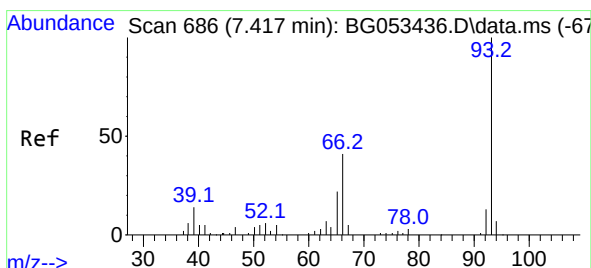
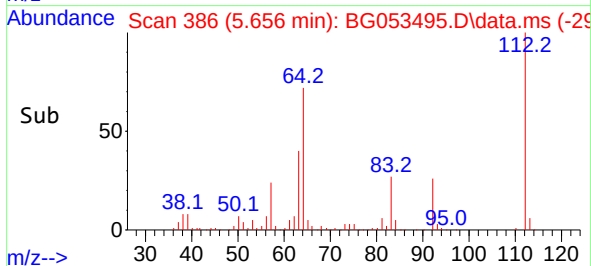
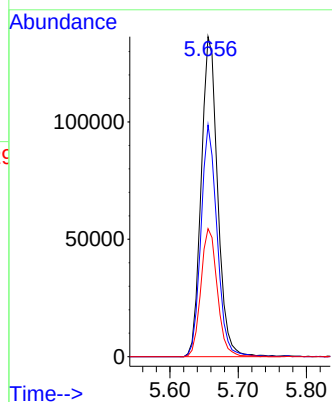
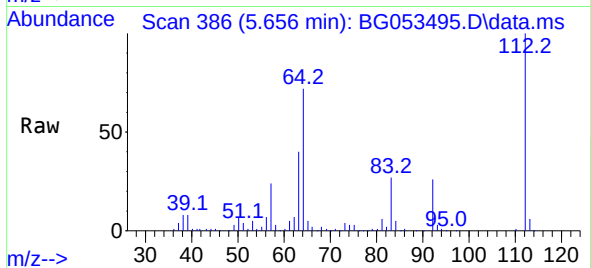
MH-31DMSD

Tgt Ion:112 Resp: 228650
Ion Ratio Lower Upper
112 100
64 72.4 55.1 82.7
63 40.0 30.4 45.6

Manual Integrations

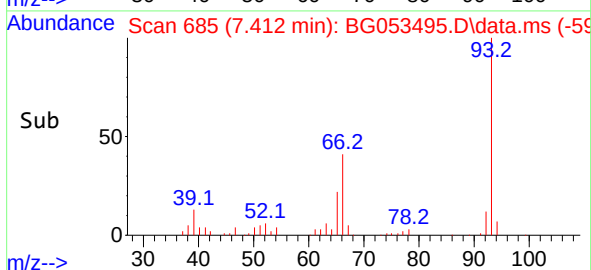
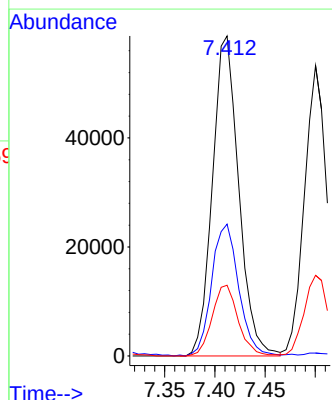
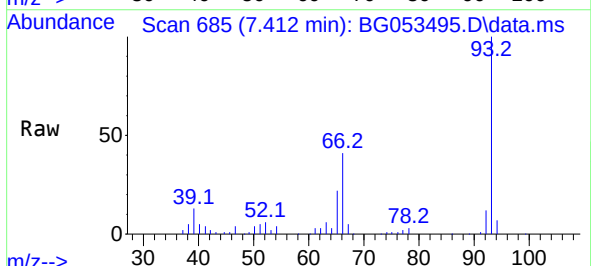
APPROVED

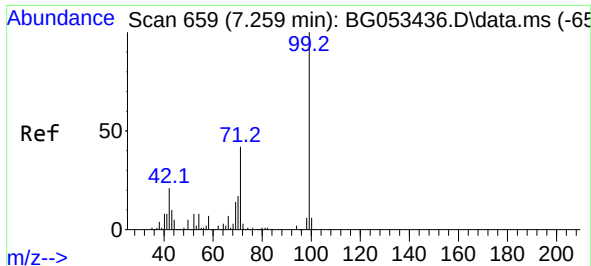
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#6
Aniline
Concen: 38.008 ng
RT: 7.412 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

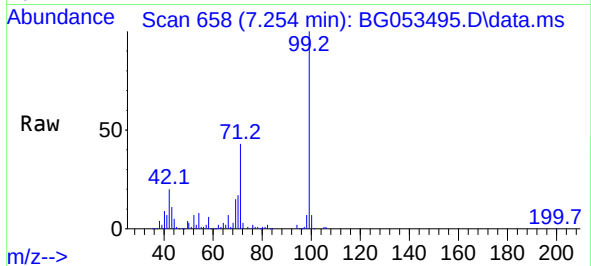
Tgt Ion: 93 Resp: 107039
Ion Ratio Lower Upper
93 100
66 41.2 32.9 49.3
65 22.1 17.8 26.8





#7
Phenol-d6
Concen: 130.301 ng
RT: 7.254 min Scan# 611
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

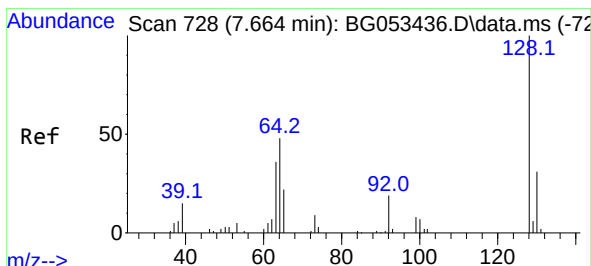
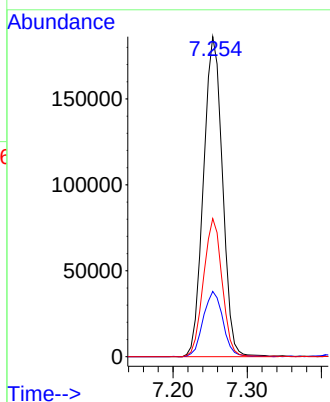
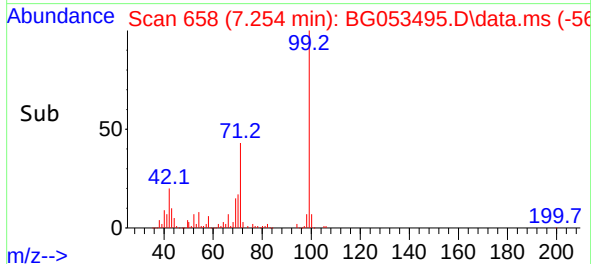
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



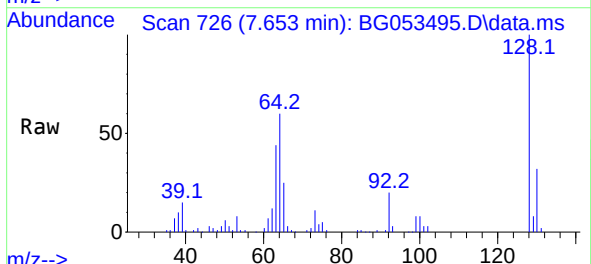
Tgt Ion: 99 Resp: 33131
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.1 33.8 50.8

Manual Integrations
APPROVED

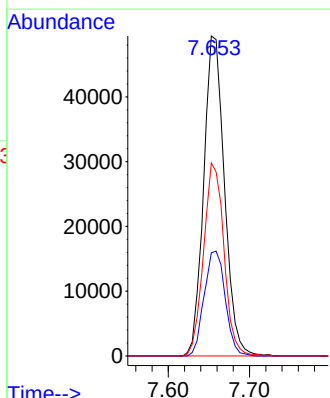
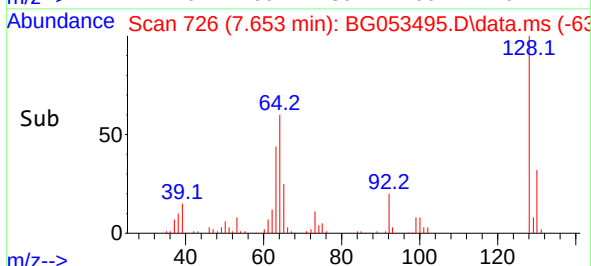
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

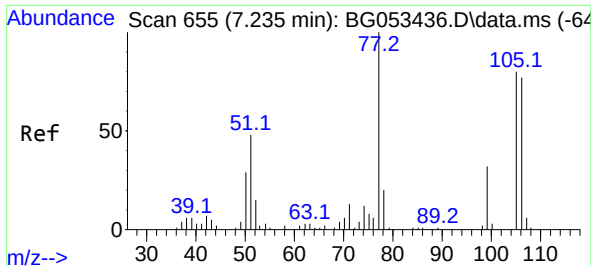


#8
2-Chlorophenol
Concen: 50.111 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



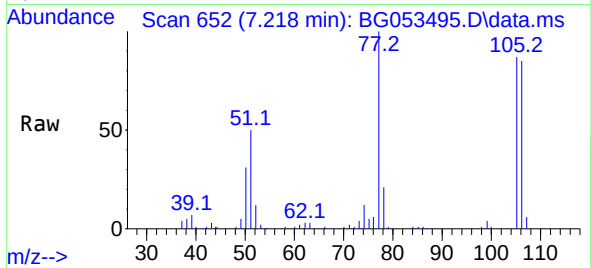
Tgt Ion:128 Resp: 87768
Ion Ratio Lower Upper
128 100
130 32.3 10.5 50.5
64 60.3 35.1 75.1





#9
Benzaldehyde
Concen: 37.895 ng m
RT: 7.218 min Scan# 61214
Delta R.T. -0.017 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

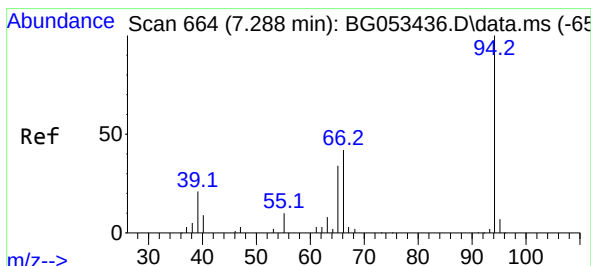
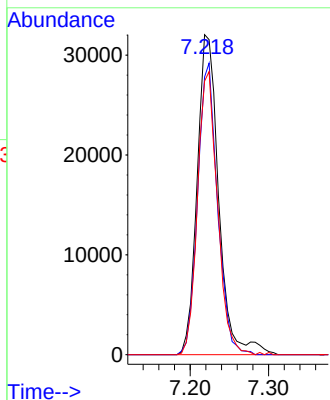
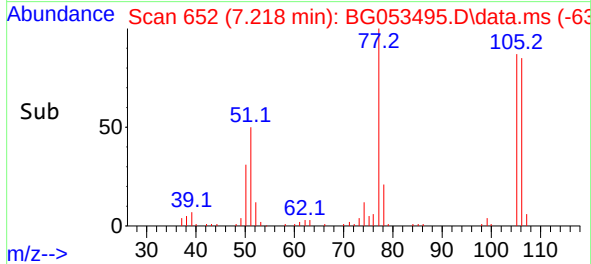
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



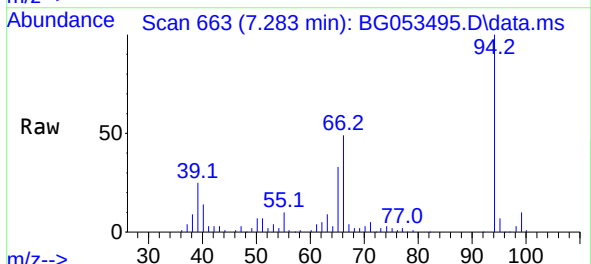
Tgt Ion: 77 Resp: 61214
Ion Ratio Lower Upper
77 100
105 86.8 59.6 99.6
106 85.5 56.8 96.8

Manual Integrations
APPROVED

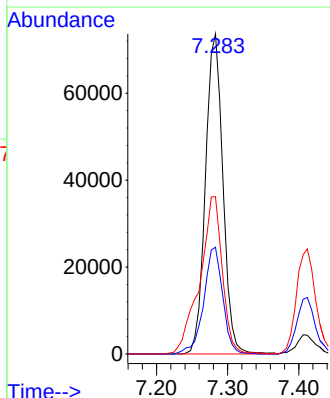
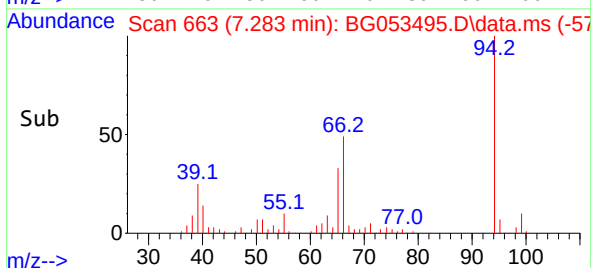
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

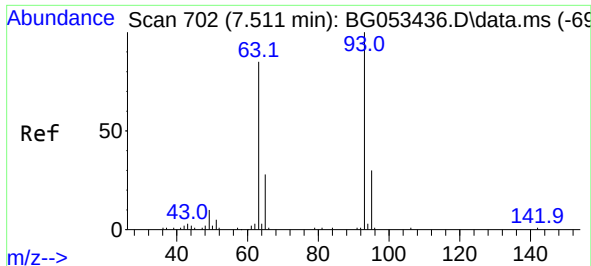


#10
Phenol
Concen: 50.629 ng
RT: 7.283 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion: 94 Resp: 125906
Ion Ratio Lower Upper
94 100
65 33.4 14.8 54.8
66 49.2 25.2 65.2





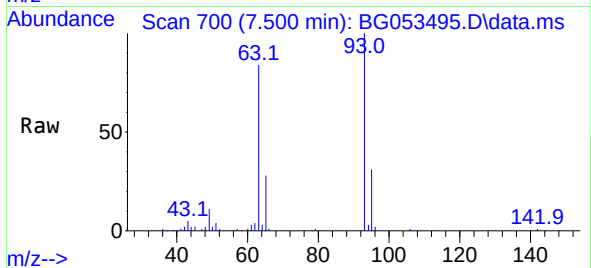
#11
bis(2-Chloroethyl)ether
Concen: 45.950 ng
RT: 7.500 min Scan# 702
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

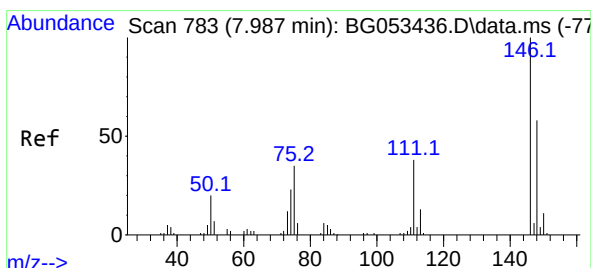
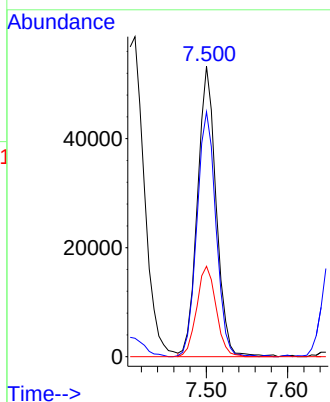
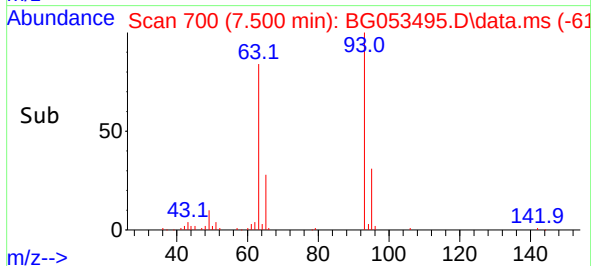


Tgt Ion: 93 Resp: 85224
Ion Ratio Lower Upper
93 100
63 84.3 63.6 103.6
95 31.2 10.1 50.1

Manual Integrations

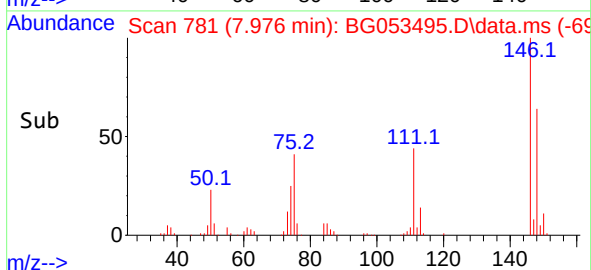
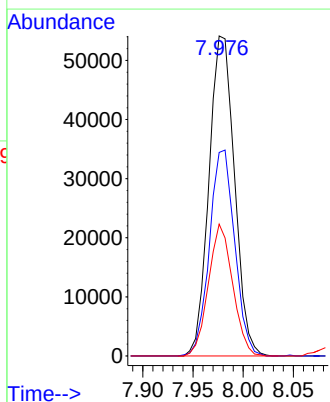
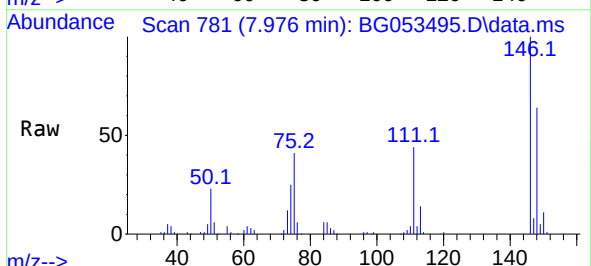
APPROVED

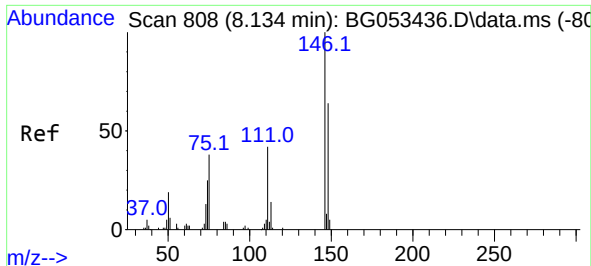
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#12
1,3-Dichlorobenzene
Concen: 46.355 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:146 Resp: 95780
Ion Ratio Lower Upper
146 100
148 63.6 46.1 69.1
75 41.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.473 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.011 min

Lab File: BG053495.D

Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

Tgt Ion:146 Resp: 96900

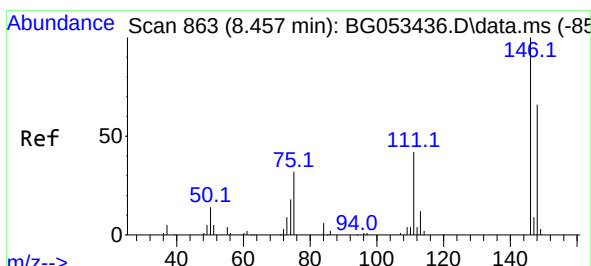
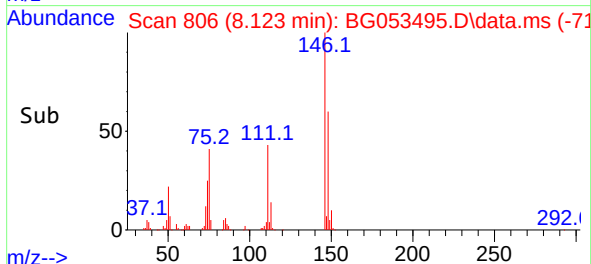
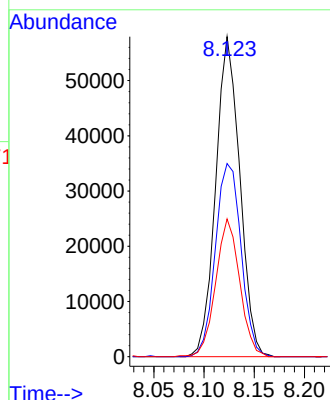
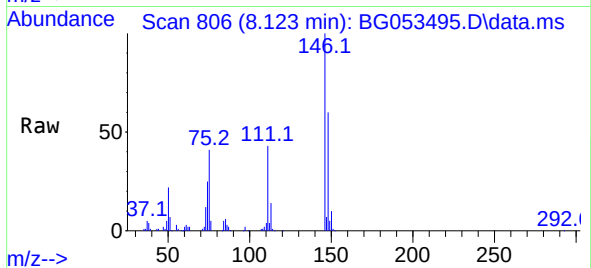
Ion	Ratio	Lower	Upper
146	100		
148	60.4	51.5	77.3
111	43.0	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022



#14

1,2-Dichlorobenzene

Concen: 47.515 ng

RT: 8.446 min Scan# 861

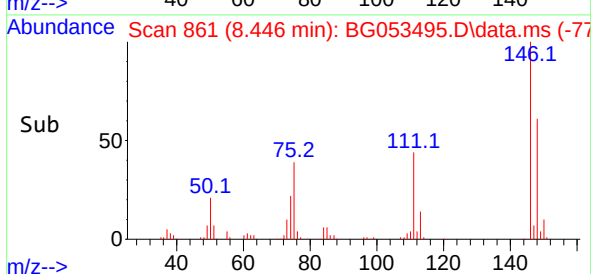
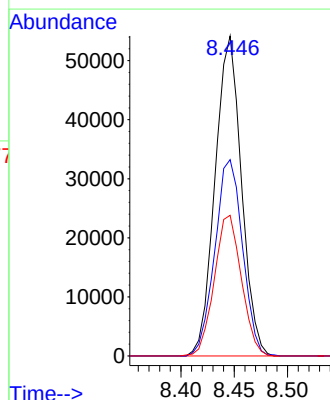
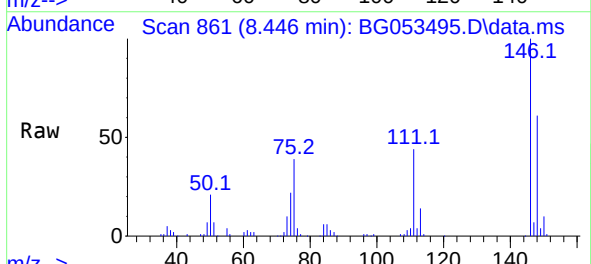
Delta R.T. -0.011 min

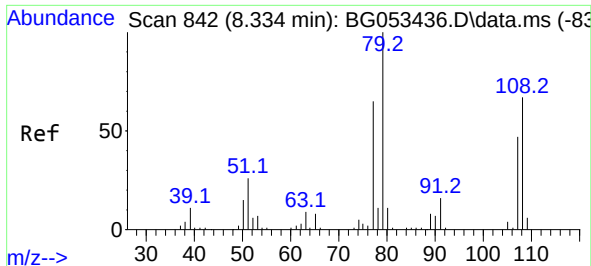
Lab File: BG053495.D

Acq: 9 May 2022 16:27

Tgt Ion:146 Resp: 93032

Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.6	78.8
111	44.0	34.5	51.7





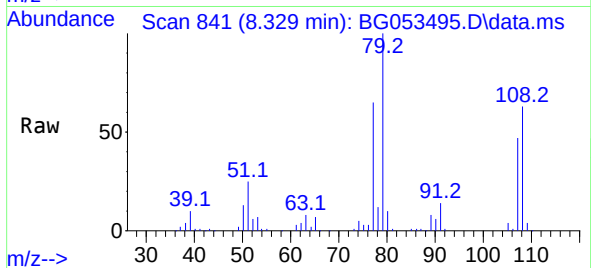
#15
Benzyl Alcohol
Concen: 48.184 ng m
RT: 8.329 min Scan# 841
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

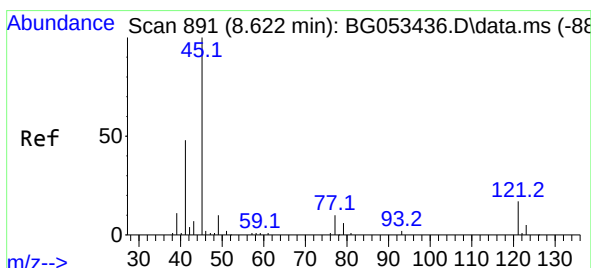
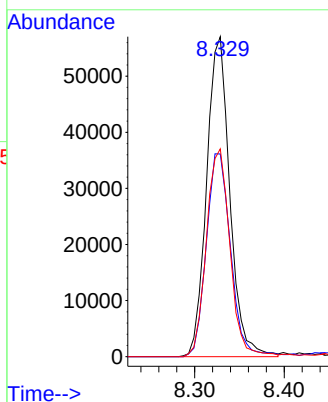
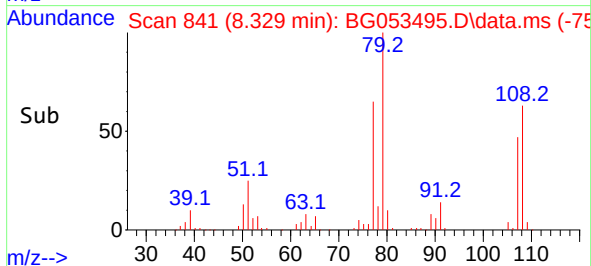
MH-31DMSD



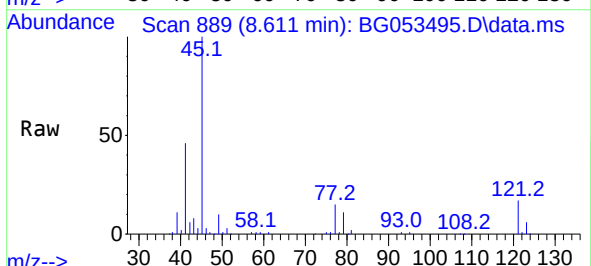
Tgt Ion: 79 Resp: 102430
Ion Ratio Lower Upper
79 100
108 63.4 53.7 80.5
77 64.9 52.2 78.4

Manual Integrations
APPROVED

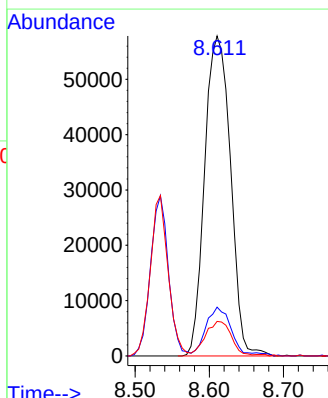
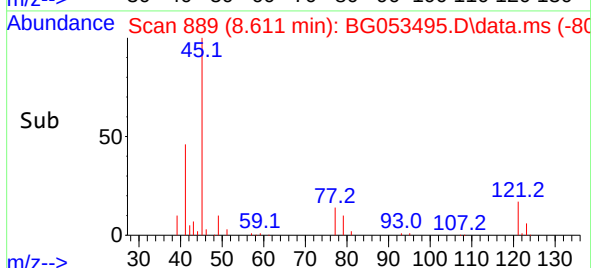
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

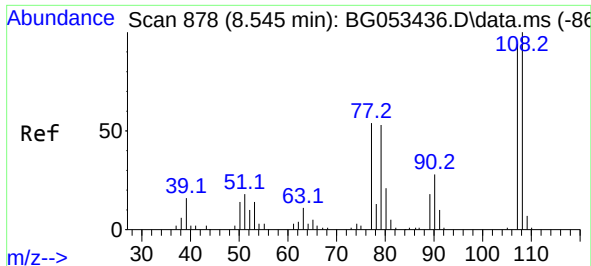


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.326 ng
RT: 8.611 min Scan# 889
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion: 45 Resp: 139841
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.7
79 10.8 0.0 29.7





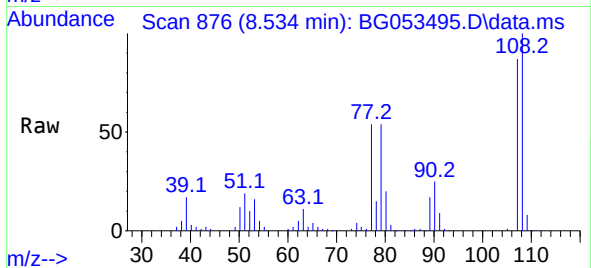
#17
2-Methylphenol
Concen: 48.842 ng
RT: 8.534 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

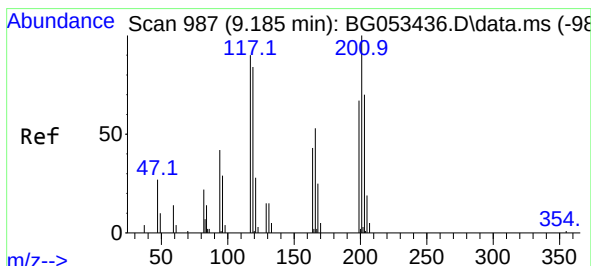
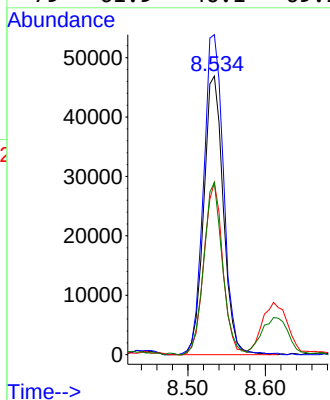
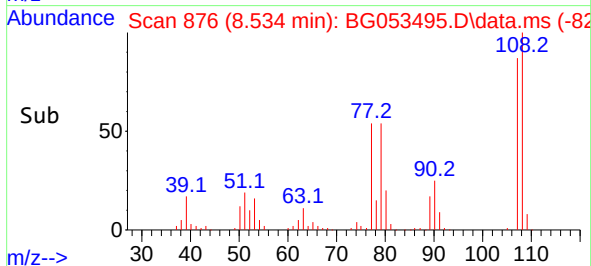


Tgt Ion:107 Resp: 8209
Ion Ratio Lower Upper
107 100
108 114.9 85.4 128.0
77 61.8 46.2 69.2
79 61.9 46.1 69.1

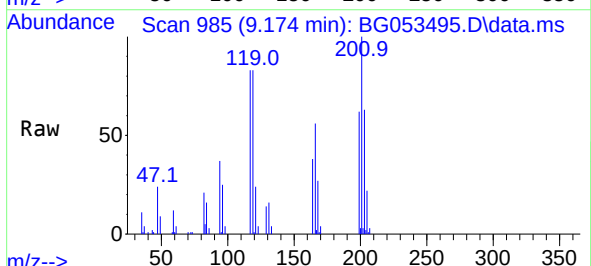
Manual Integrations

APPROVED

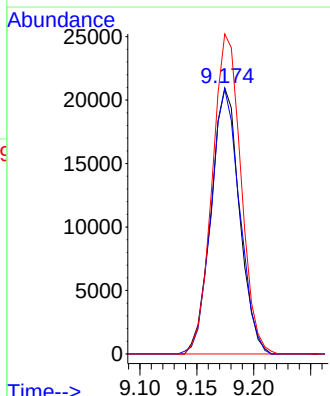
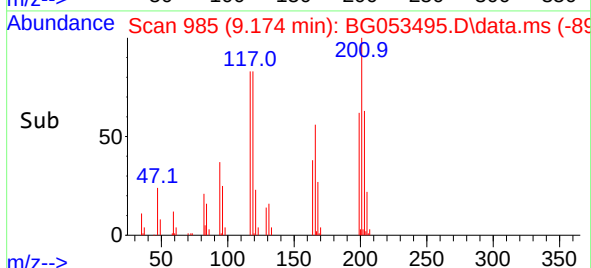
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

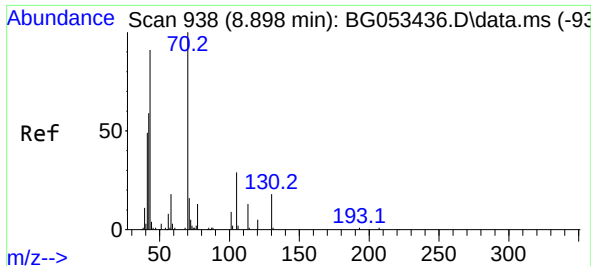


#18
Hexachloroethane
Concen: 46.090 ng
RT: 9.174 min Scan# 985
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



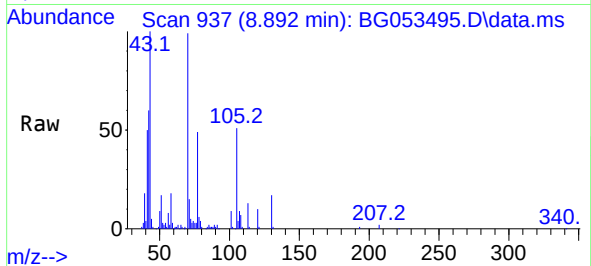
Tgt Ion:117 Resp: 36494
Ion Ratio Lower Upper
117 100
119 99.5 75.0 112.6
201 120.3 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.037 ng
RT: 8.892 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

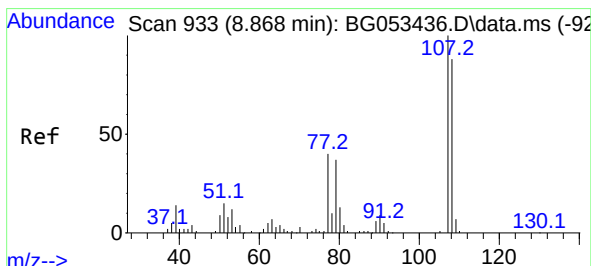
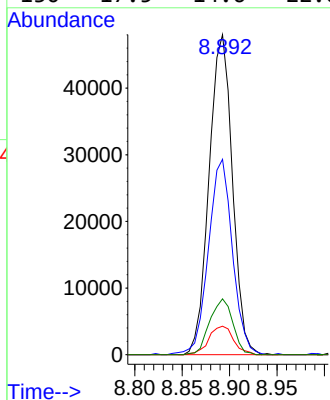
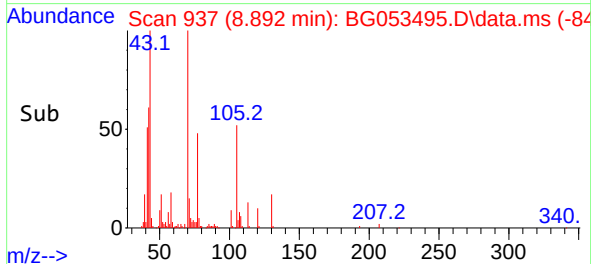
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



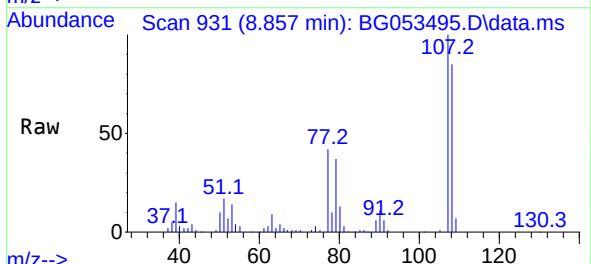
Tgt Ion: 70 Resp: 8216
Ion Ratio Lower Upper
70 100
42 61.1 47.3 70.9
101 8.9 7.0 10.4
130 17.5 14.6 22.0

Manual Integrations
APPROVED

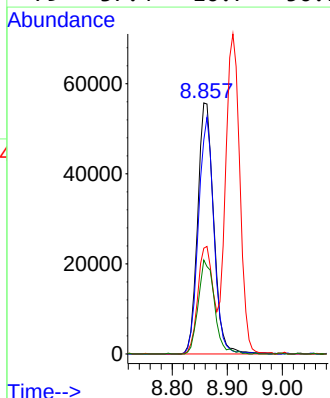
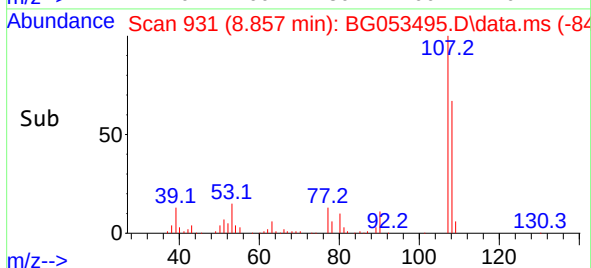
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

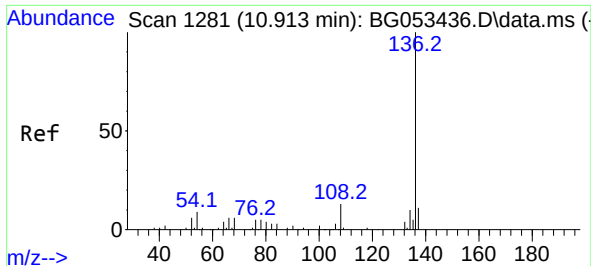


#20
3+4-Methylphenols
Concen: 47.429 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:107 Resp: 112589
Ion Ratio Lower Upper
107 100
108 85.2 67.5 107.5
77 42.2 20.3 60.3
79 37.4 16.7 56.7





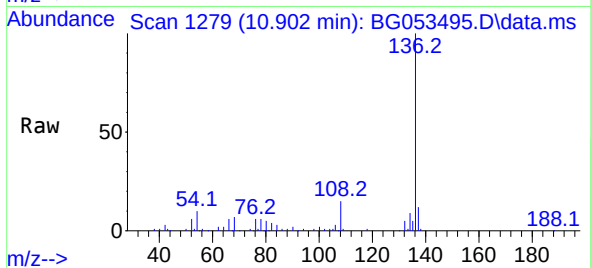
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 110074
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

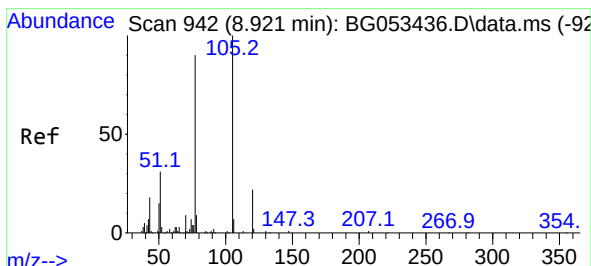
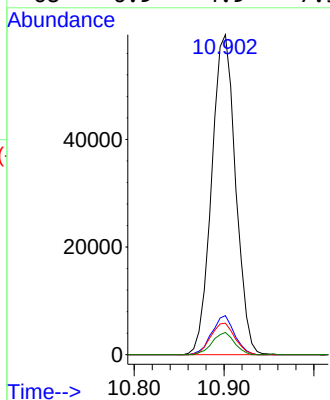
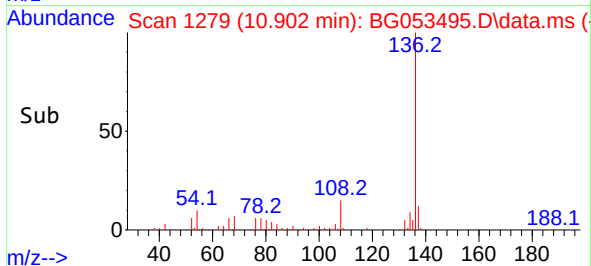


Tgt Ion:136 Resp: 110074
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 9.9 7.4 11.2
68 6.9 4.9 7.3

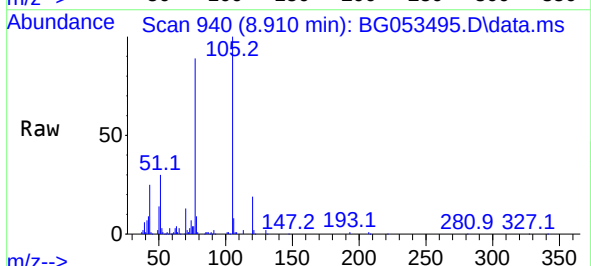
Manual Integrations

APPROVED

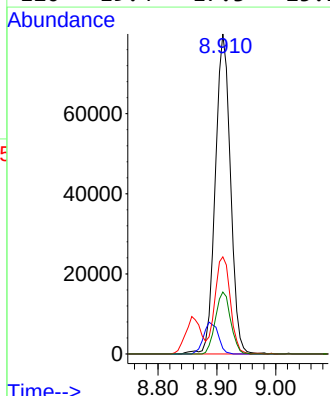
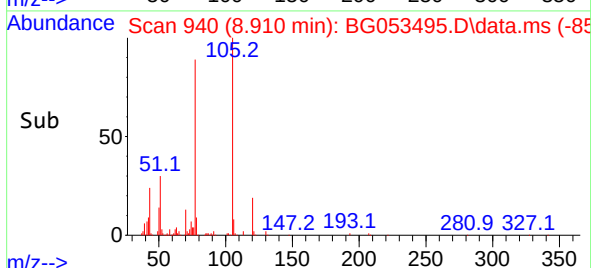
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

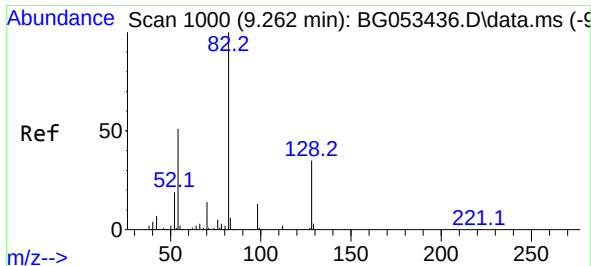


#22
Acetophenone
Concen: 47.489 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



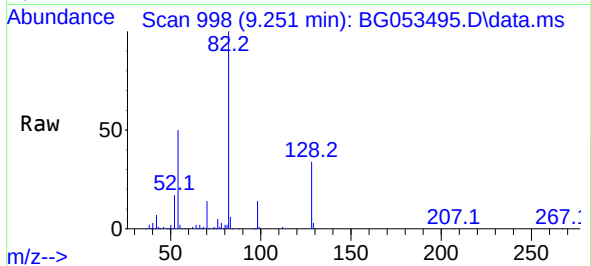
Tgt Ion:105 Resp: 143063
Ion Ratio Lower Upper
105 100
71 1.7 1.1 1.7#
51 30.4 25.4 38.0
120 19.4 17.3 25.9





#23
Nitrobenzene-d5
Concen: 87.855 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

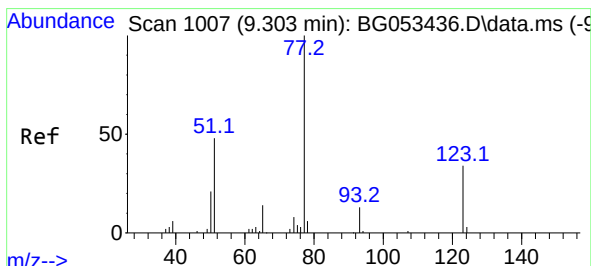
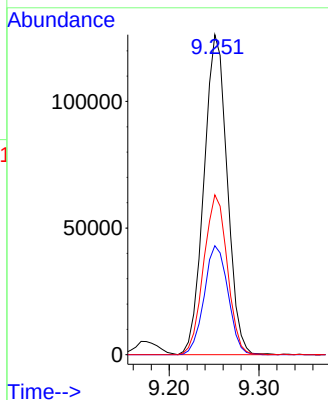
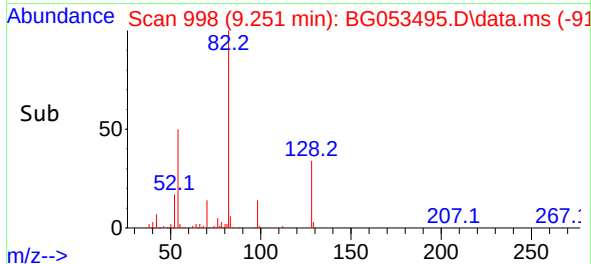
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



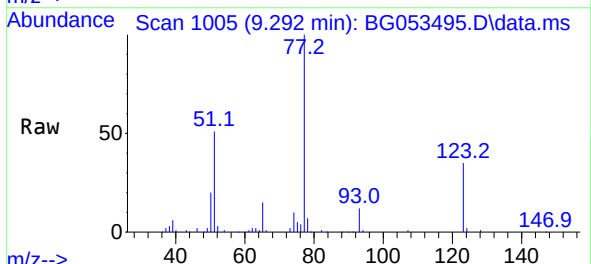
Tgt Ion: 82 Resp: 22717
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 49.9 41.2 61.8

Manual Integrations
APPROVED

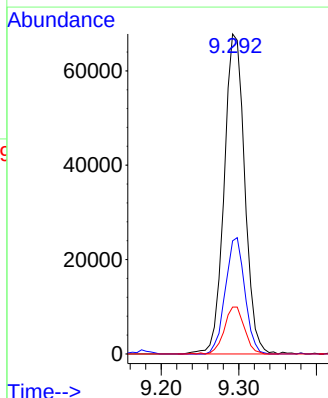
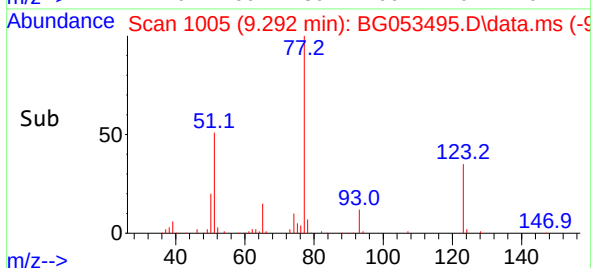
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

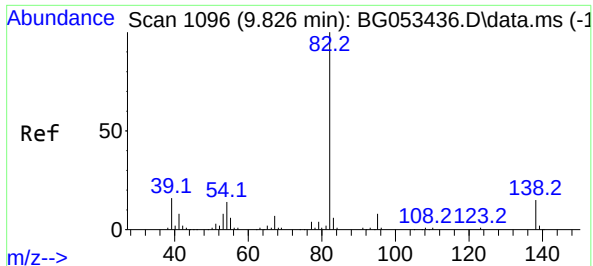


#24
Nitrobenzene
Concen: 49.947 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion: 77 Resp: 125004
Ion Ratio Lower Upper
77 100
123 35.3 27.4 41.0
65 14.7 11.4 17.0





#25
Isophorone
Concen: 52.002 ng
RT: 9.815 min Scan# 1096
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

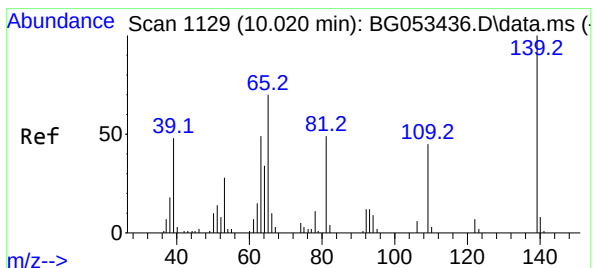
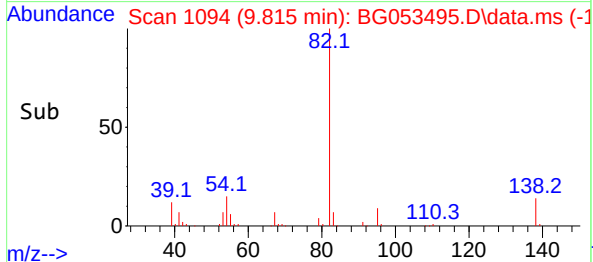
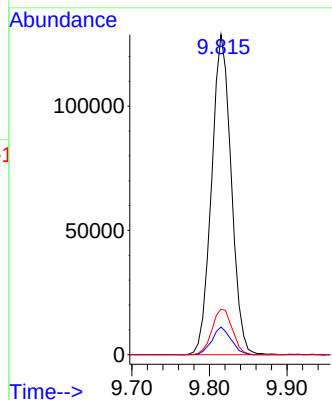
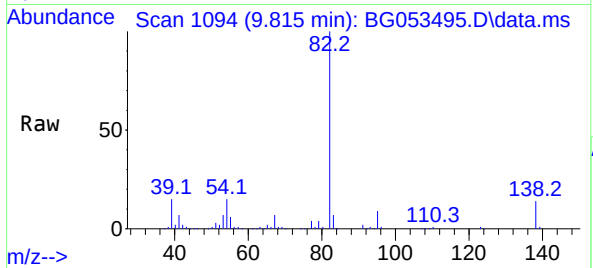
MH-31DMSD

Tgt Ion: 82 Resp: 22630
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.4
138 14.2 11.6 17.4

Manual Integrations

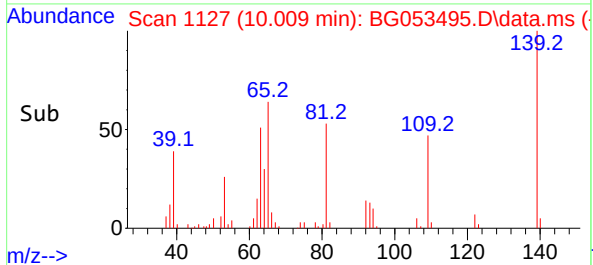
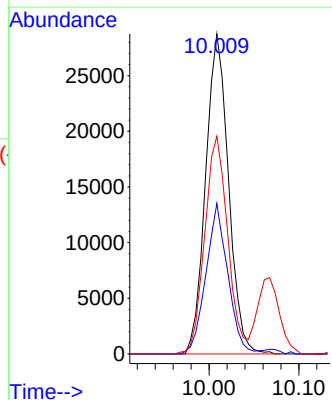
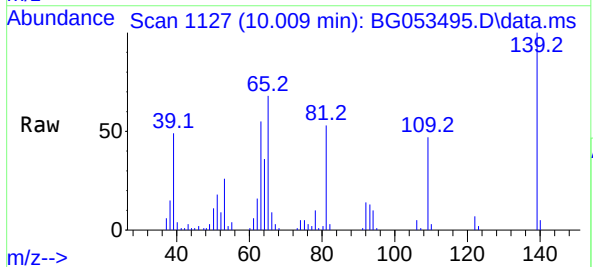
APPROVED

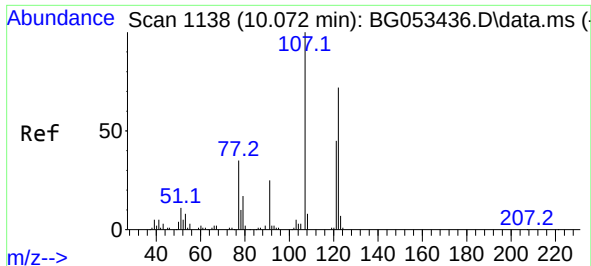
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#26
2-Nitrophenol
Concen: 50.171 ng
RT: 10.009 min Scan# 1127
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:139 Resp: 50856
Ion Ratio Lower Upper
139 100
109 47.0 36.1 54.1
65 68.1 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 58.951 ng
RT: 10.067 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

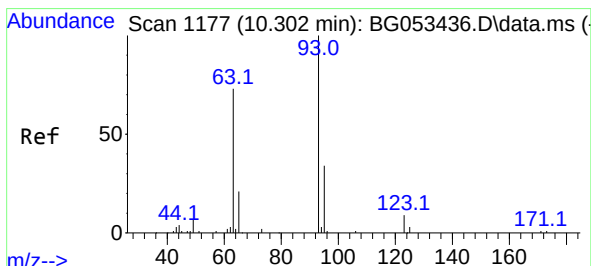
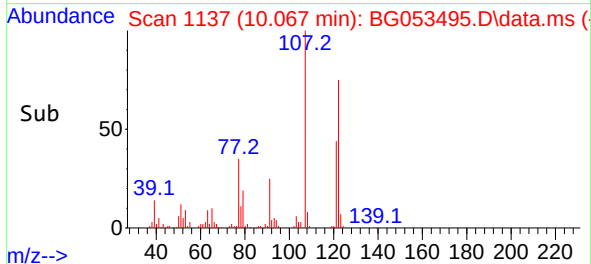
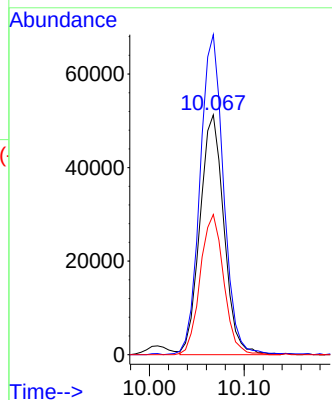
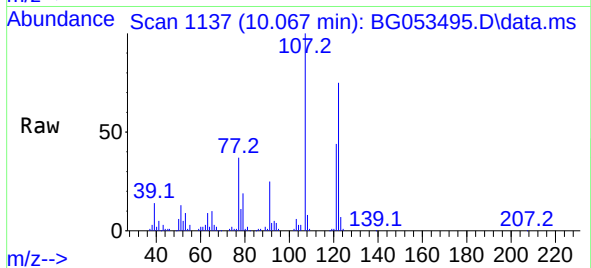
MH-31DMSD

Tgt Ion:122 Resp: 89929
Ion Ratio Lower Upper
122 100
107 133.4 109.4 164.0
121 58.4 48.7 73.1

Manual Integrations

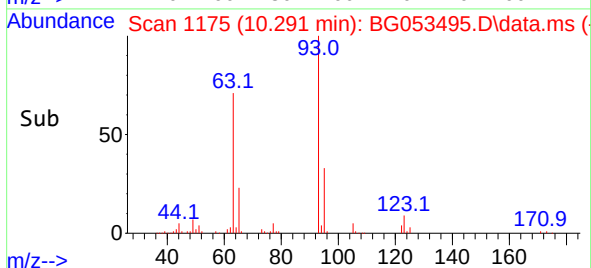
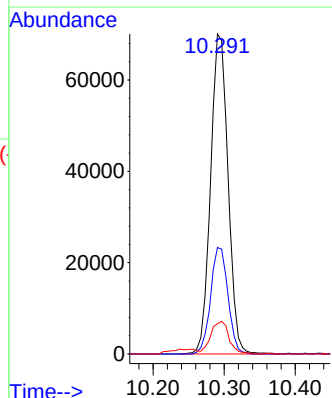
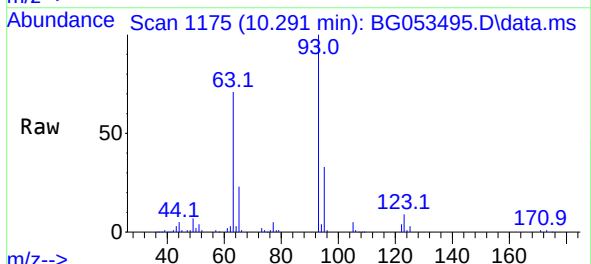
APPROVED

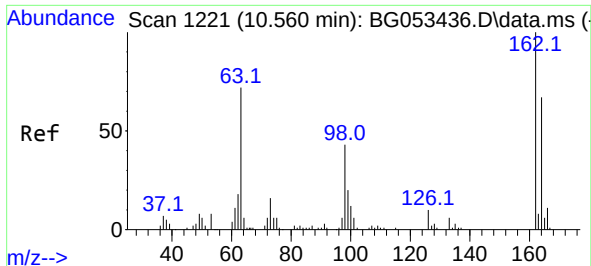
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.818 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion: 93 Resp: 119683
Ion Ratio Lower Upper
93 100
95 33.2 26.9 40.3
123 9.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.511 ng

RT: 10.549 min Scan# 1219

Delta R.T. -0.011 min

Lab File: BG053495.D

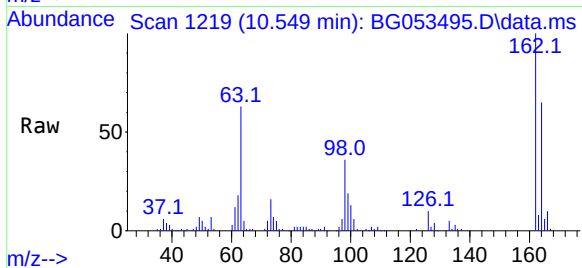
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD



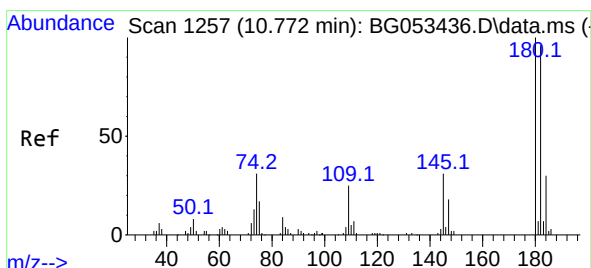
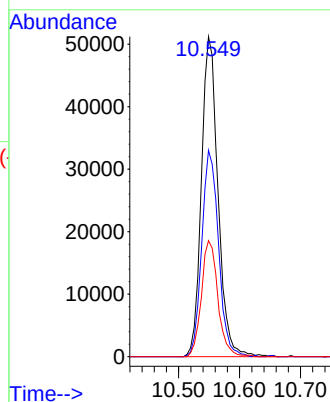
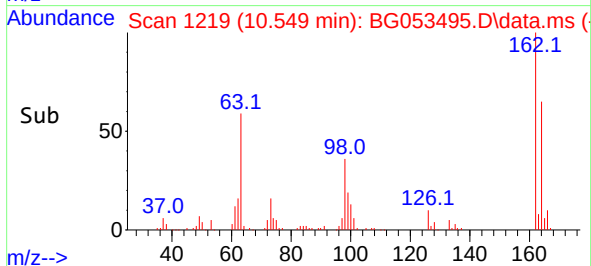
Tgt Ion:162 Resp: 96678

Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.6	86.6
98	36.3	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

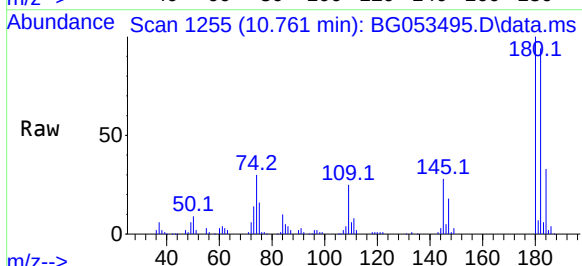
Concen: 48.975 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.011 min

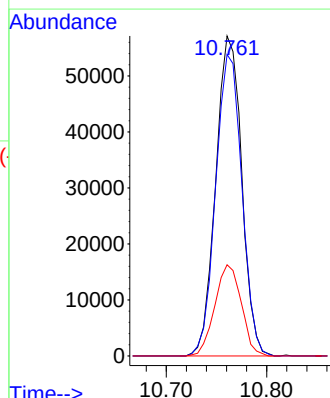
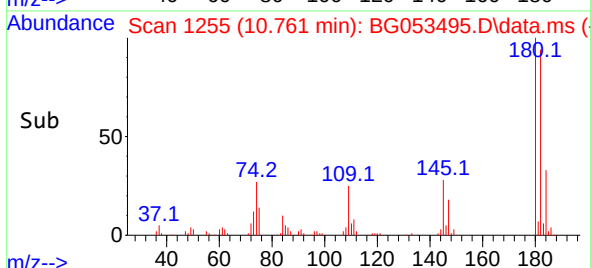
Lab File: BG053495.D

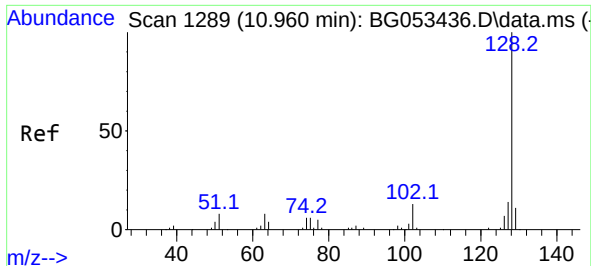
Acq: 9 May 2022 16:27



Tgt Ion:180 Resp: 102448

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	115.0
145	28.5	25.0	37.4





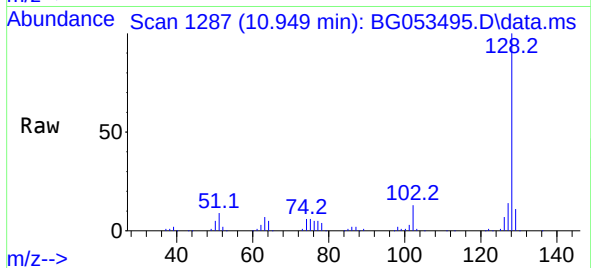
#31
Naphthalene
Concen: 48.839 ng
RT: 10.949 min Scan# 1167
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

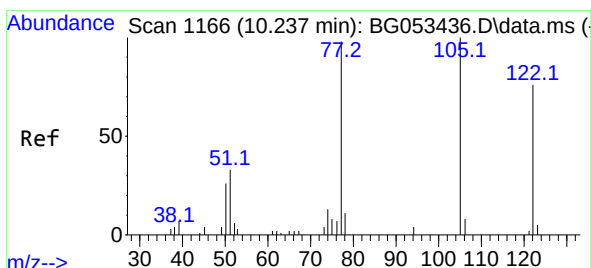
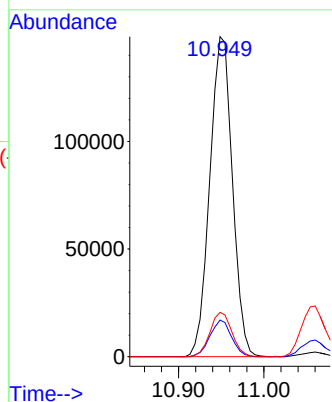
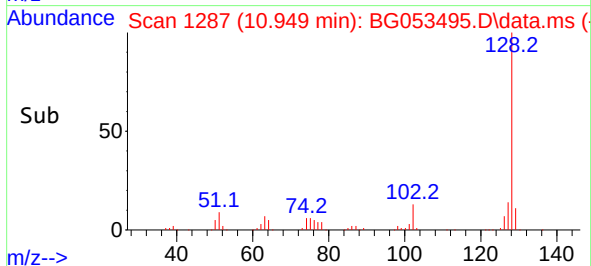


Tgt Ion:128 Resp: 273460
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 11.1 16.7

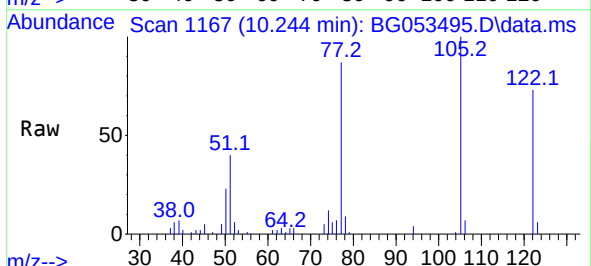
Manual Integrations

APPROVED

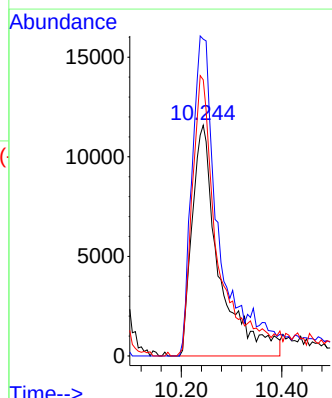
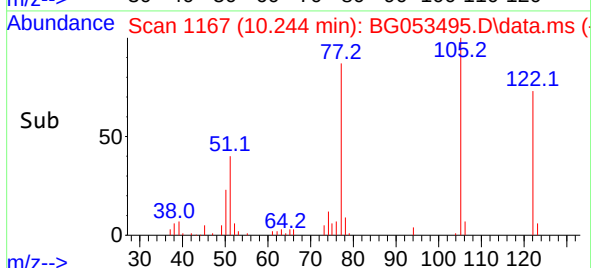
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

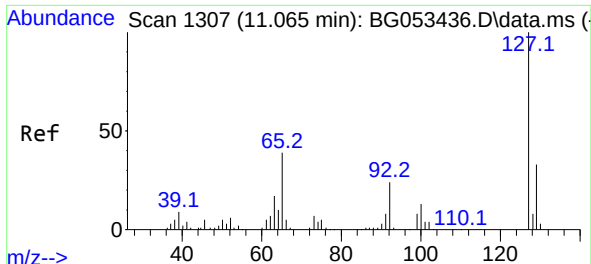


#32
Benzoic acid
Concen: 45.852 ng m
RT: 10.244 min Scan# 1167
Delta R.T. 0.007 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:122 Resp: 43283
Ion Ratio Lower Upper
122 100
105 137.3 111.8 151.8
77 119.7 109.4 149.4





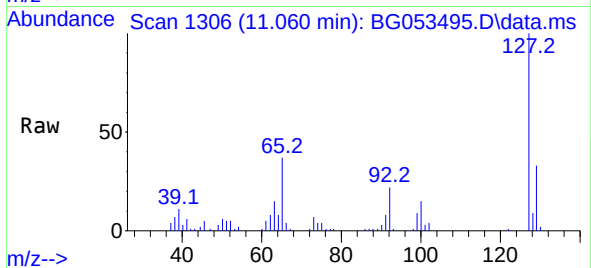
#33
4-Chloroaniline
Concen: 20.679 ng
RT: 11.060 min Scan# 1106
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

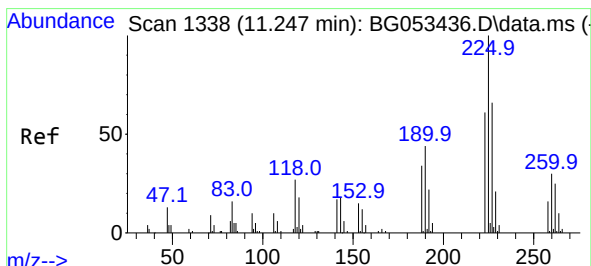
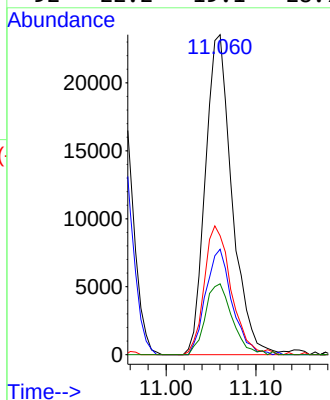
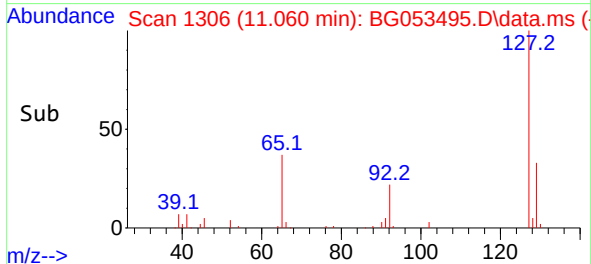


Tgt Ion:127 Resp: 48490
Ion Ratio Lower Upper
127 100
129 32.9 26.3 39.5
65 37.2 31.1 46.7
92 22.2 19.1 28.7

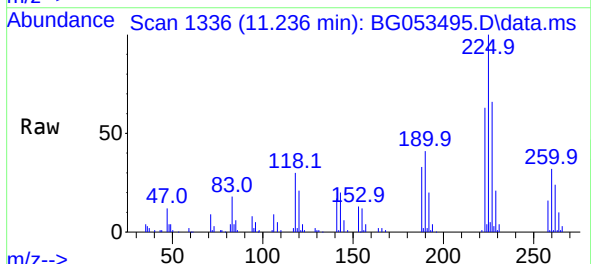
Manual Integrations

APPROVED

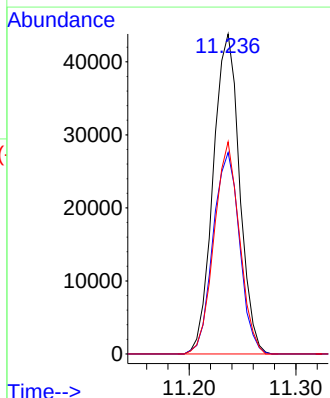
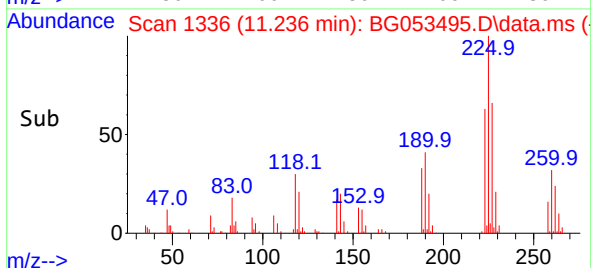
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

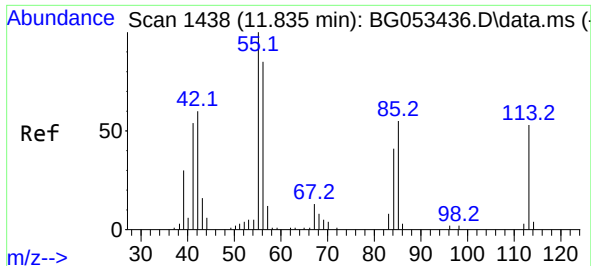


#34
Hexachlorobutadiene
Concen: 48.425 ng
RT: 11.236 min Scan# 1336
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



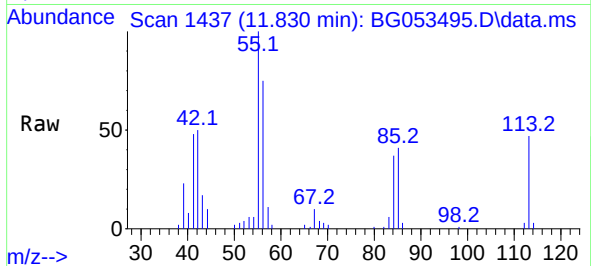
Tgt Ion:225 Resp: 75115
Ion Ratio Lower Upper
225 100
223 63.0 48.9 73.3
227 66.3 52.8 79.2





#35
Caprolactam
Concen: 48.626 ng m
RT: 11.830 min Scan# 1438
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

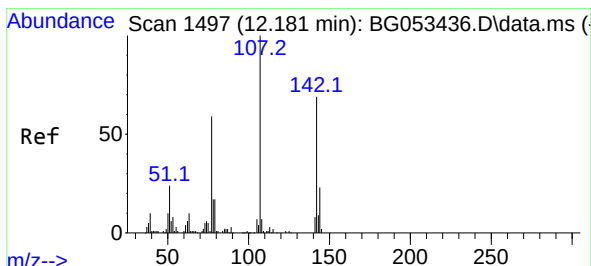
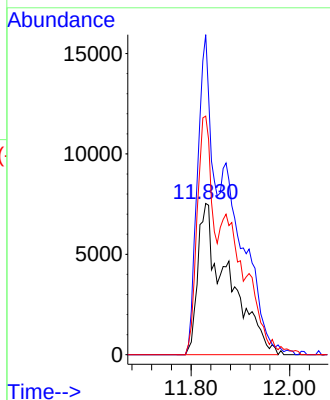
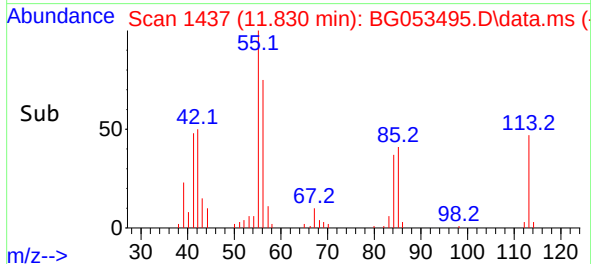
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



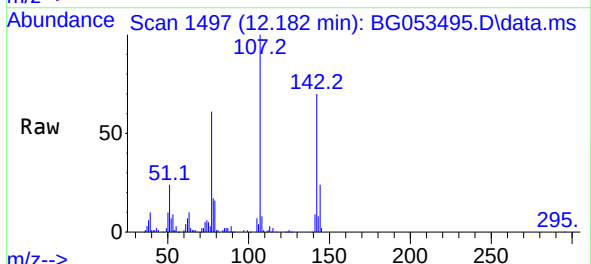
Tgt Ion:113 Resp: 32534
Ion Ratio Lower Upper
113 100
55 211.7 169.8 209.8
56 157.9 141.2 181.2

Manual Integrations
APPROVED

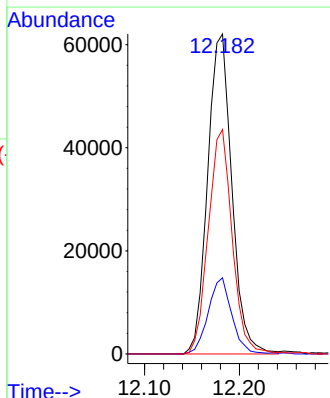
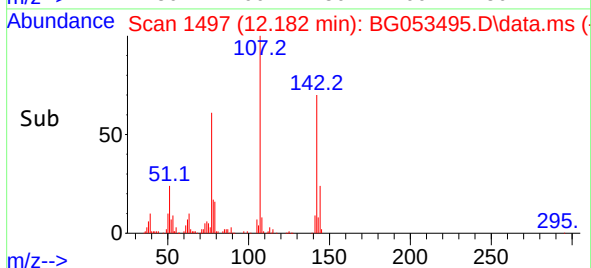
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

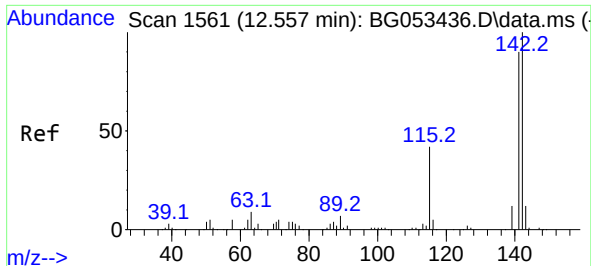


#36
4-Chloro-3-methylphenol
Concen: 50.009 ng
RT: 12.182 min Scan# 1497
Delta R.T. 0.001 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:107 Resp: 110135
Ion Ratio Lower Upper
107 100
144 23.8 18.5 27.7
142 70.2 55.0 82.4





#37

2-Methylnaphthalene

Concen: 47.285 ng

RT: 12.546 min Scan# 1559

Delta R.T. -0.011 min

Lab File: BG053495.D

Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

Tgt Ion:142 Resp: 19758

Ion Ratio Lower Upper

142 100

141 89.8 72.3 108.5

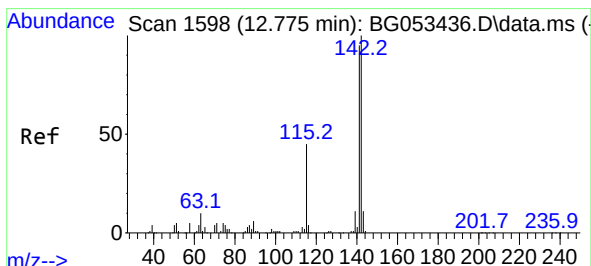
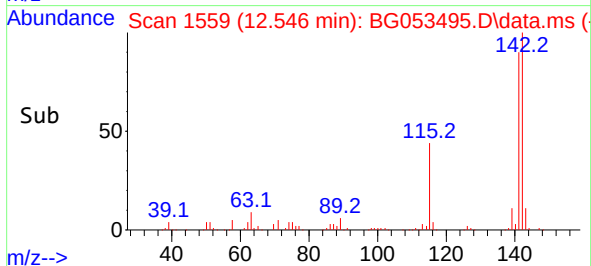
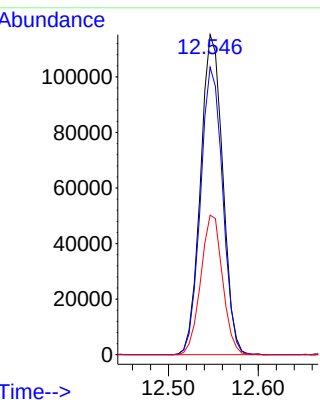
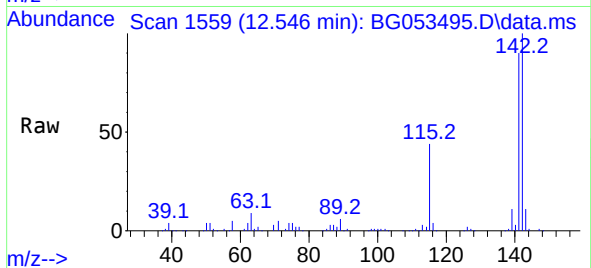
115 43.6 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2022

Supervised By :Jagrut Upadhyay 05/10/2022



#38

1-Methylnaphthalene

Concen: 46.334 ng

RT: 12.764 min Scan# 1596

Delta R.T. -0.011 min

Lab File: BG053495.D

Acq: 9 May 2022 16:27

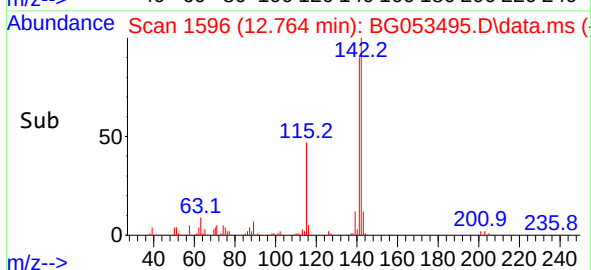
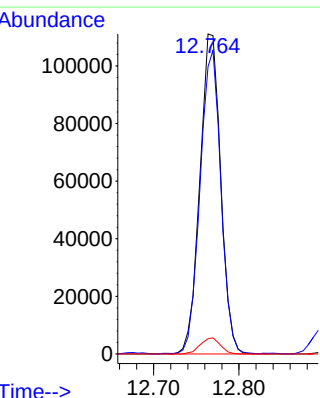
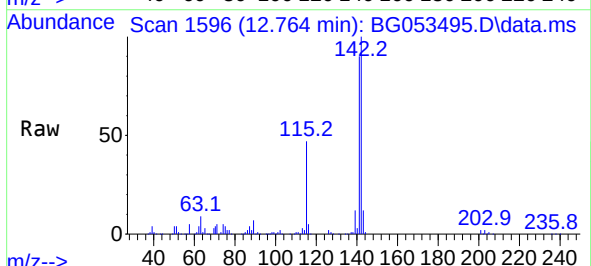
Tgt Ion:142 Resp: 188896

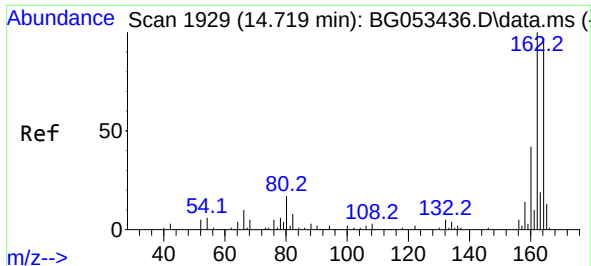
Ion Ratio Lower Upper

142 100

141 89.8 76.4 114.6

116 4.8 3.3 4.9





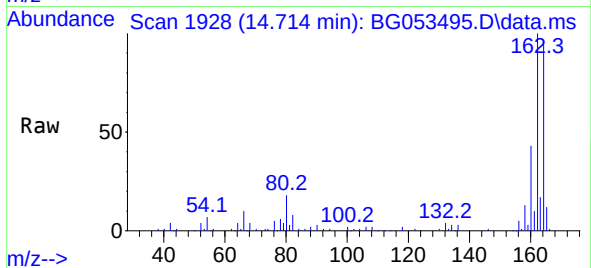
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

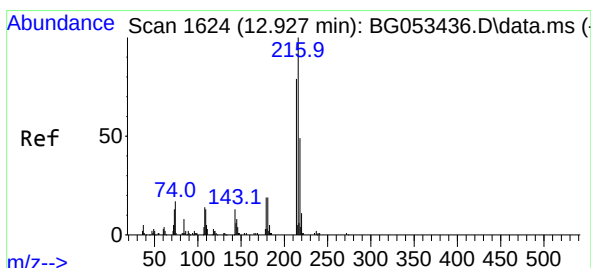
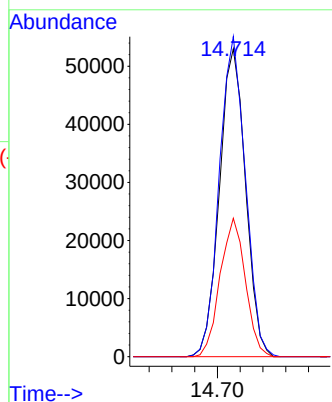
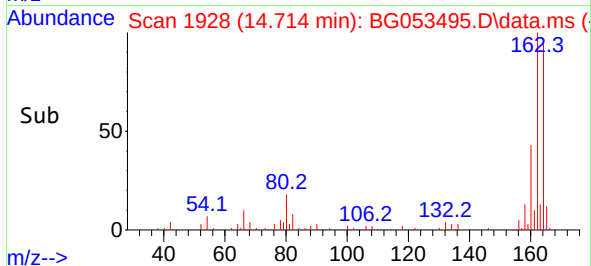


Tgt Ion:164 Resp: 84420
Ion Ratio Lower Upper
164 100
162 104.0 82.3 123.5
160 45.0 34.2 51.2

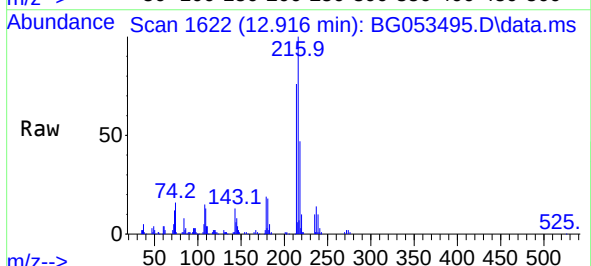
Manual Integrations

APPROVED

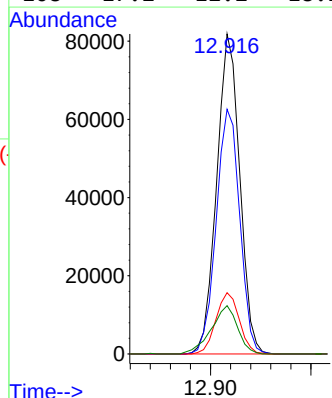
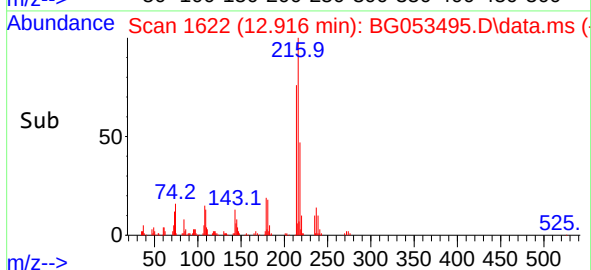
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

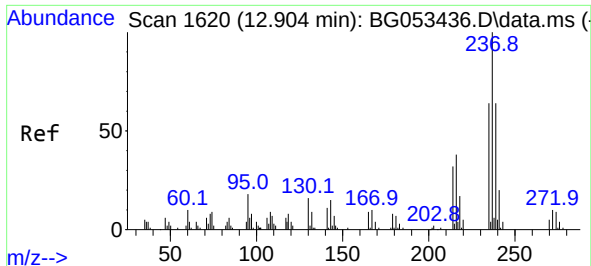


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.922 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:216 Resp: 130193
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 19.4 16.1 24.1
108 17.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 113.904 ng
RT: 12.899 min Scan# 1619
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

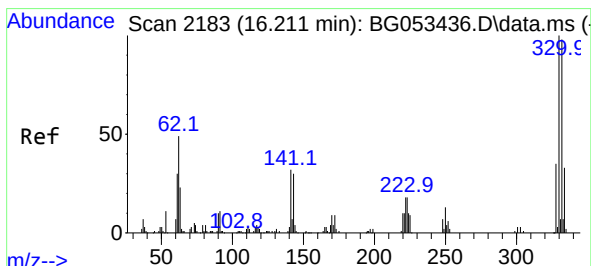
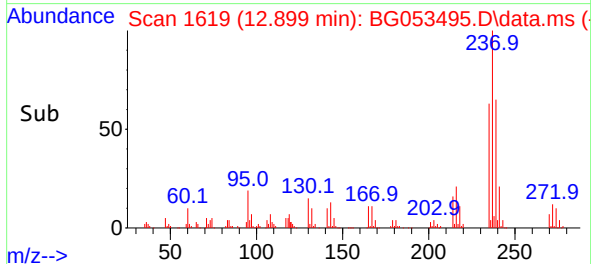
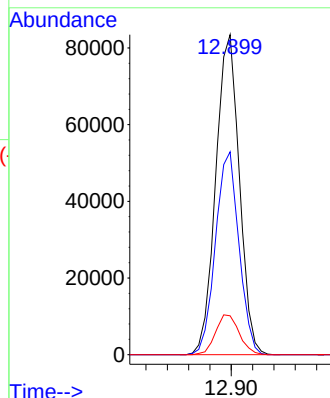
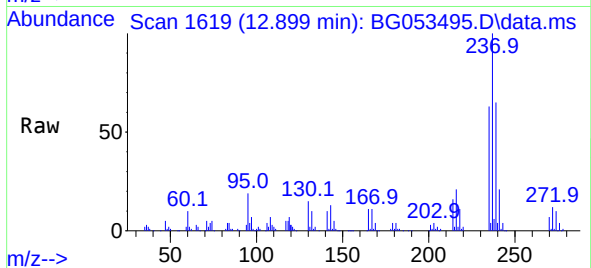
MH-31DMSD

Tgt Ion:237 Resp: 12803
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 12.2 0.0 30.1

Manual Integrations

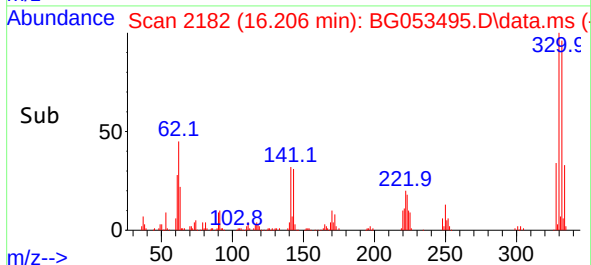
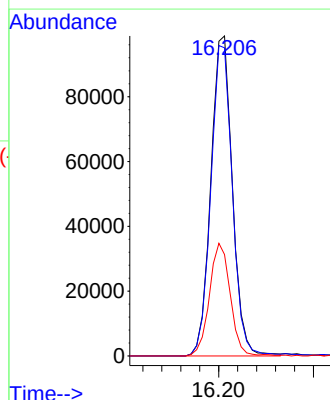
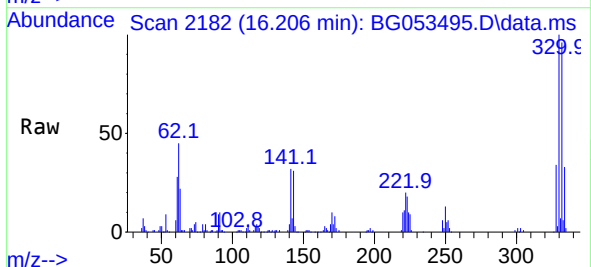
APPROVED

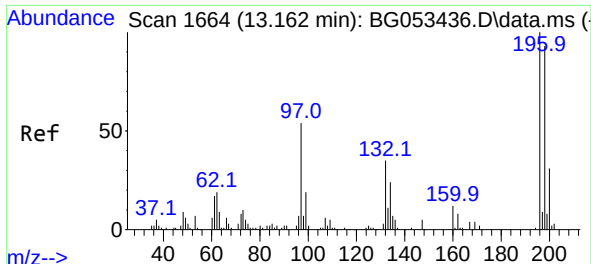
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#42
2,4,6-Tribromophenol
Concen: 124.631 ng
RT: 16.206 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:330 Resp: 155189
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 34.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 50.466 ng
RT: 13.157 min Scan# 1663
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

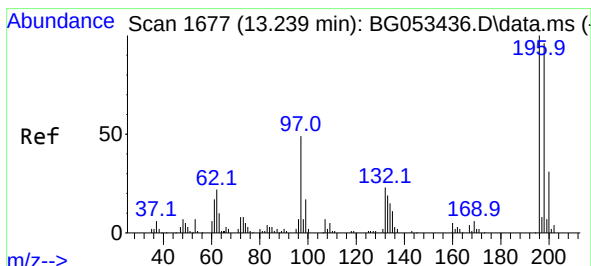
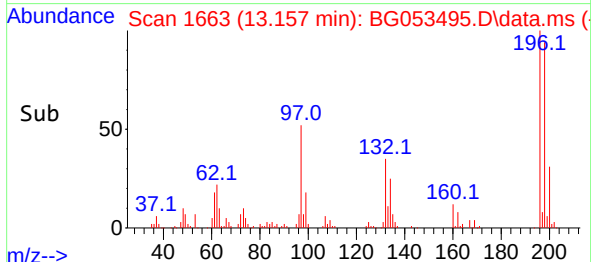
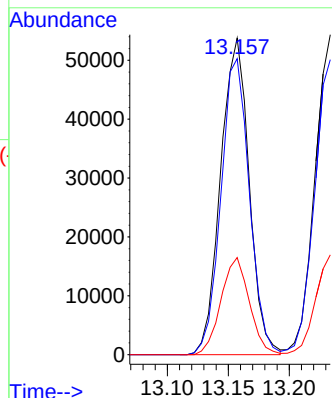
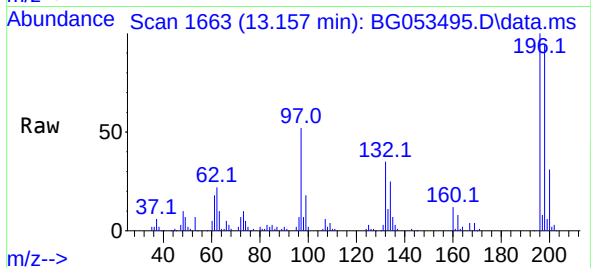
MH-31DMSD

Tgt Ion:196 Resp: 8766
Ion Ratio Lower Upper
196 100
198 93.5 74.1 111.1
200 30.7 24.7 37.1

Manual Integrations

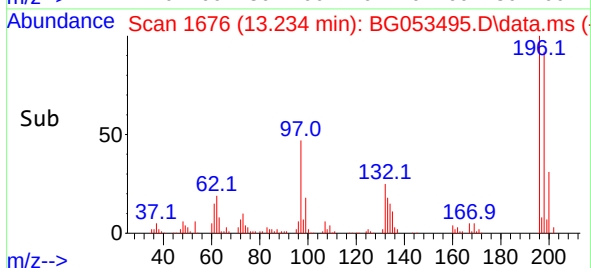
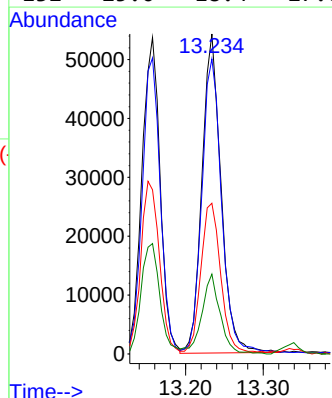
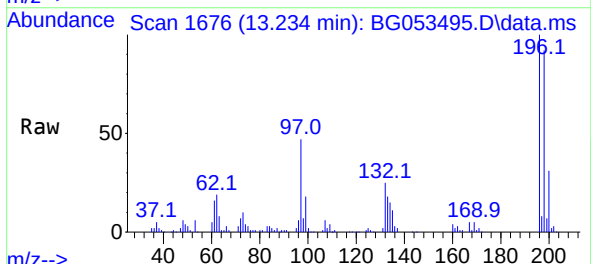
APPROVED

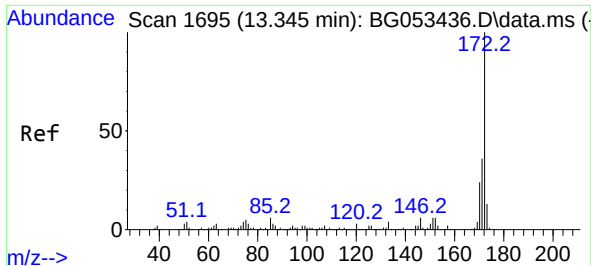
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#44
2,4,5-Trichlorophenol
Concen: 50.081 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:196 Resp: 92589
Ion Ratio Lower Upper
196 100
198 92.2 76.8 115.2
97 47.1 39.8 59.6
132 25.0 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 81.403 ng
RT: 13.339 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

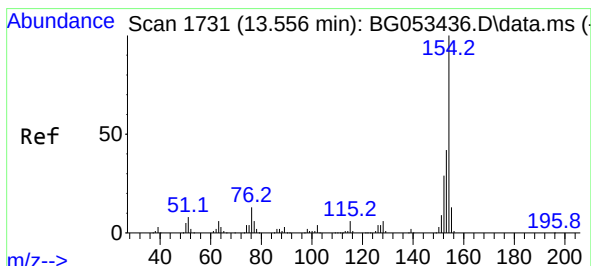
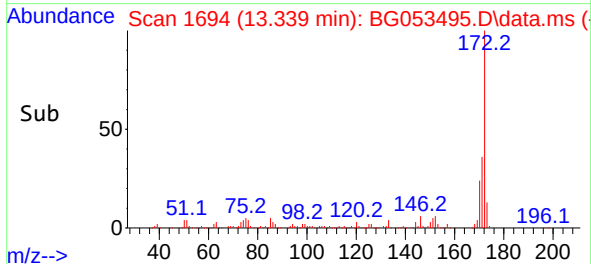
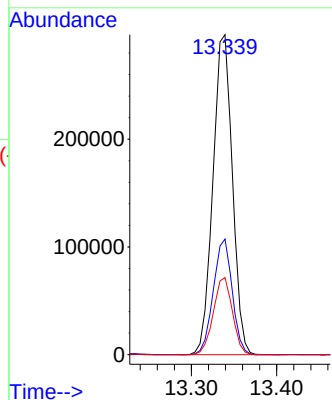
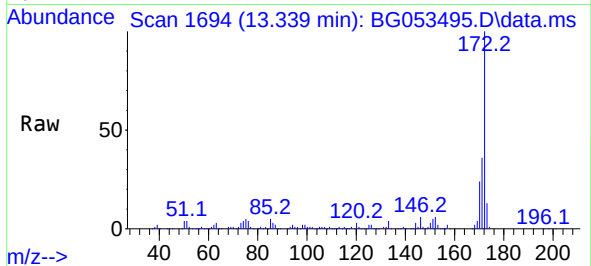
MH-31DMSD

Tgt Ion:172 Resp: 47031
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.1 18.9 28.3

Manual Integrations

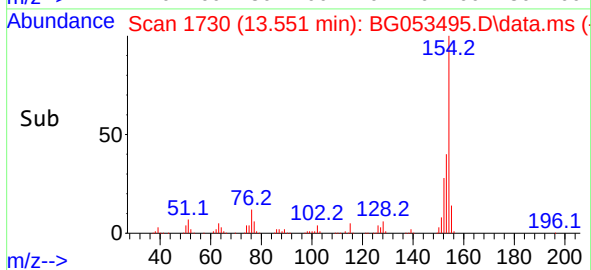
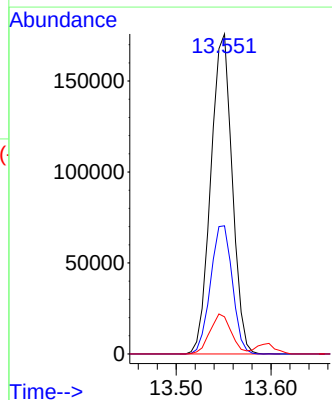
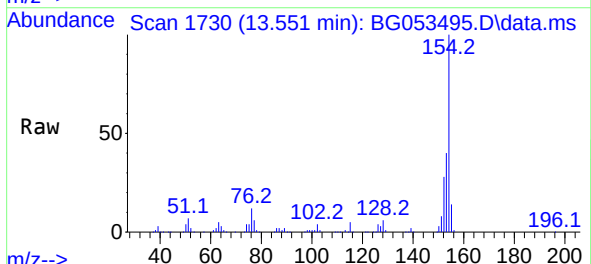
APPROVED

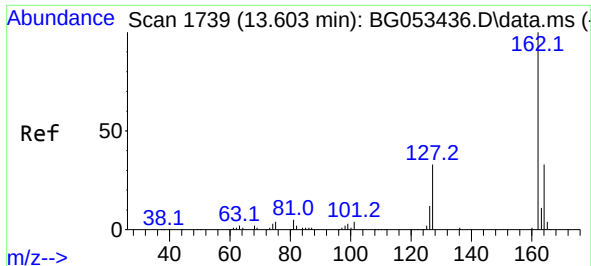
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#46
1,1'-Biphenyl
Concen: 47.819 ng
RT: 13.551 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:154 Resp: 275188
Ion Ratio Lower Upper
154 100
153 40.0 21.6 61.6
76 11.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 47.422 ng
RT: 13.592 min Scan# 1737
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

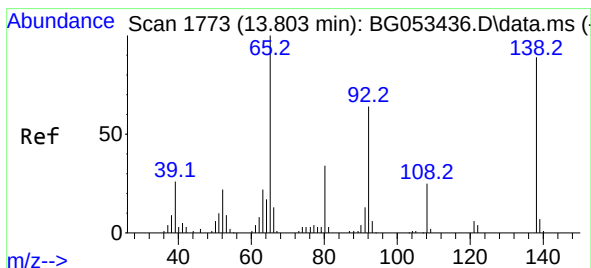
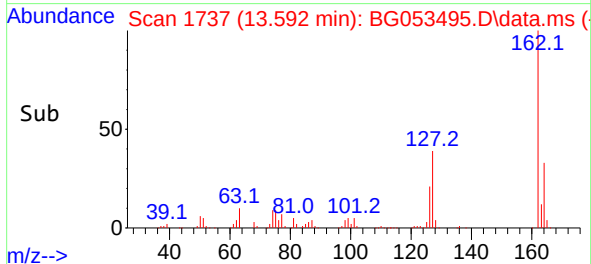
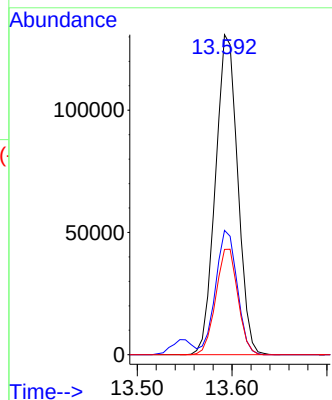
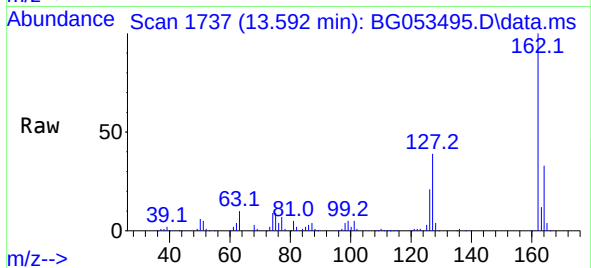
MH-31DMSD

Tgt Ion:162 Resp: 21381
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 32.9 26.5 39.7

Manual Integrations

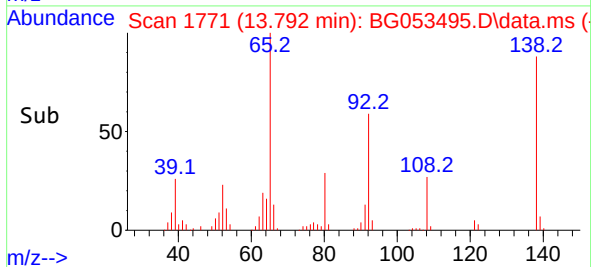
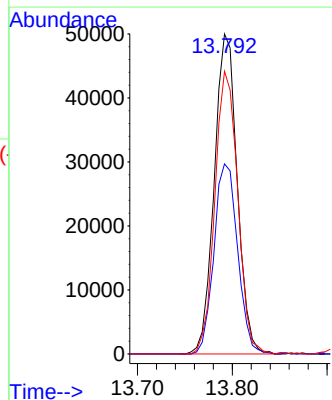
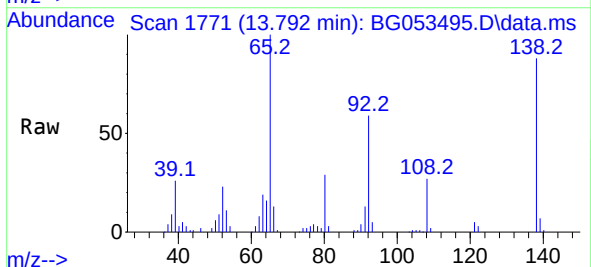
APPROVED

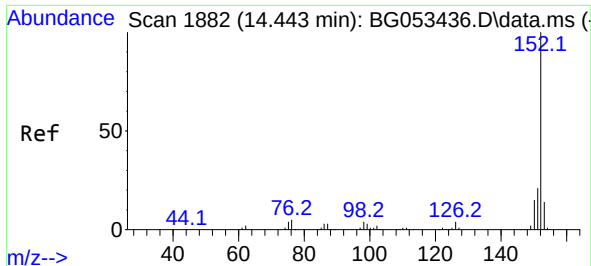
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#48
2-Nitroaniline
Concen: 49.999 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion: 65 Resp: 84001
Ion Ratio Lower Upper
65 100
92 59.4 51.5 77.3
138 88.4 71.3 106.9





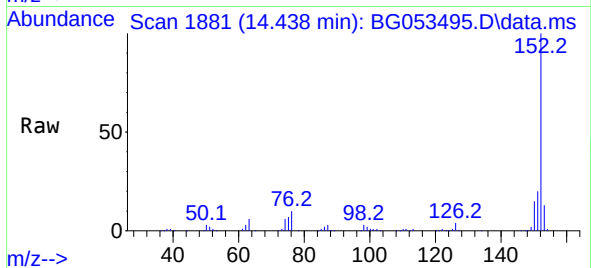
#49
Acenaphthylene
Concen: 50.450 ng
RT: 14.438 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

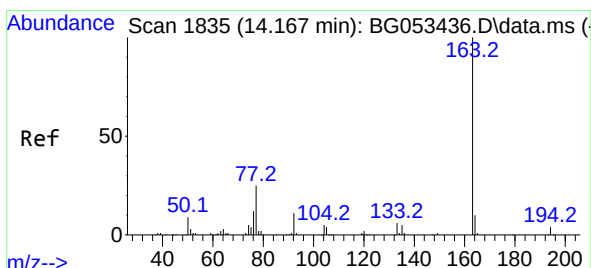
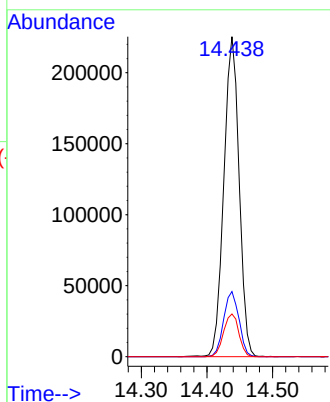
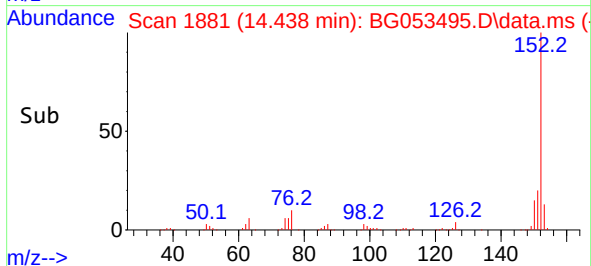


Tgt Ion:152 Resp: 362974
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 10.8 16.2

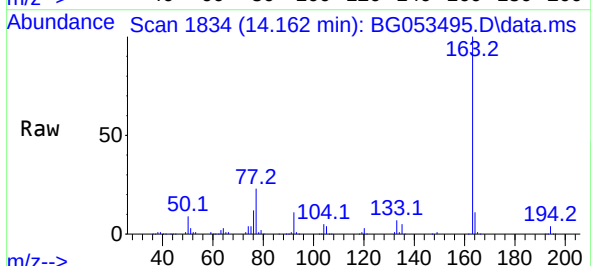
Manual Integrations

APPROVED

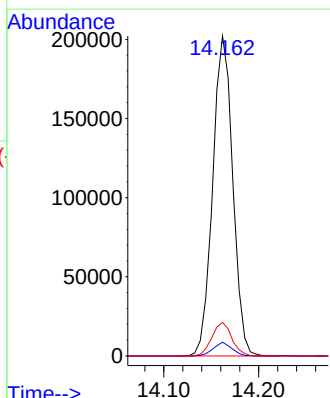
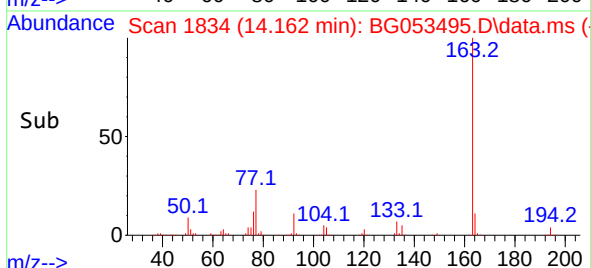
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

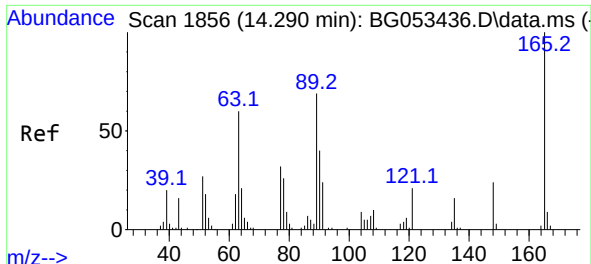


#50
Dimethylphthalate
Concen: 46.289 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:163 Resp: 296973
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.5 8.0 12.0





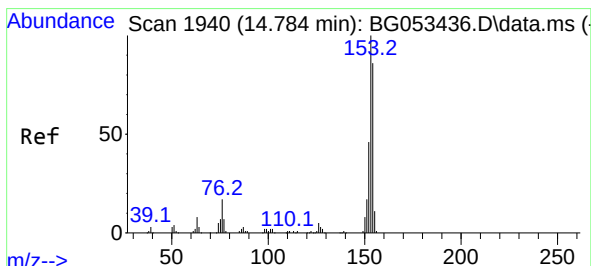
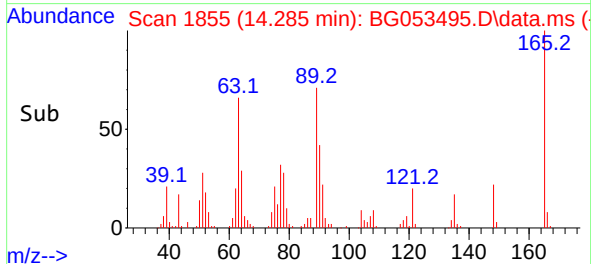
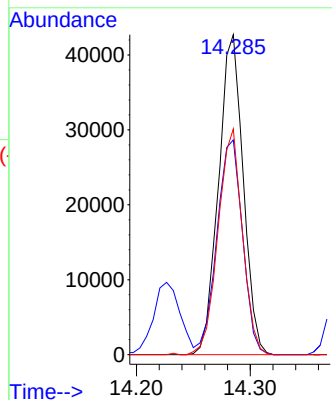
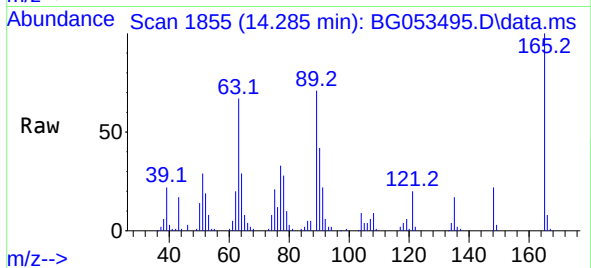
#51
2,6-Dinitrotoluene
Concen: 49.142 ng
RT: 14.285 min Scan# 1855
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :
BNA_G
ClientSampleId :
MH-31DMSD

Tgt Ion:165 Resp: 6423
Ion Ratio Lower Upper
165 100
63 67.1 54.1 81.1
89 70.6 54.8 82.2

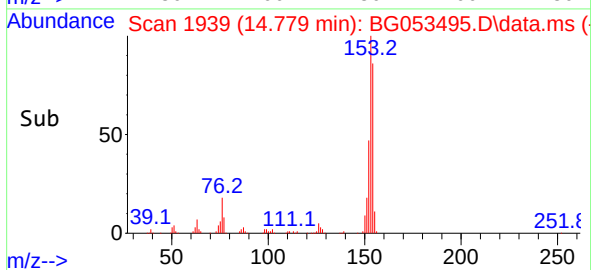
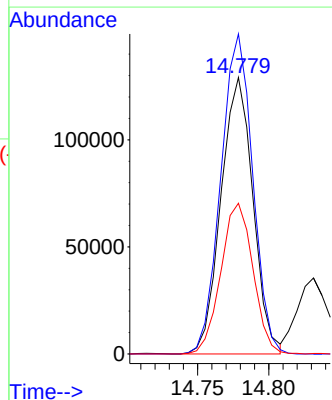
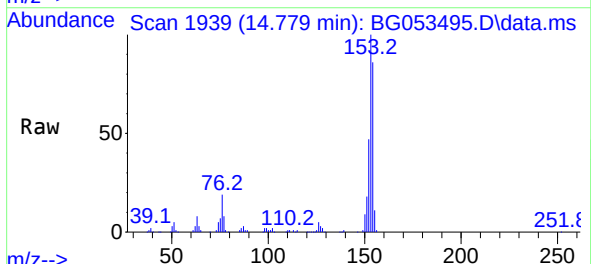
Manual Integrations
APPROVED

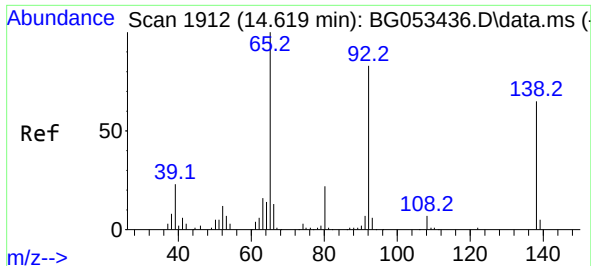
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#52
Acenaphthene
Concen: 47.250 ng
RT: 14.779 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:154 Resp: 202595
Ion Ratio Lower Upper
154 100
153 115.7 92.7 139.1
152 54.5 42.6 64.0





#53
3-Nitroaniline
Concen: 27.468 ng
RT: 14.614 min Scan# 1912
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

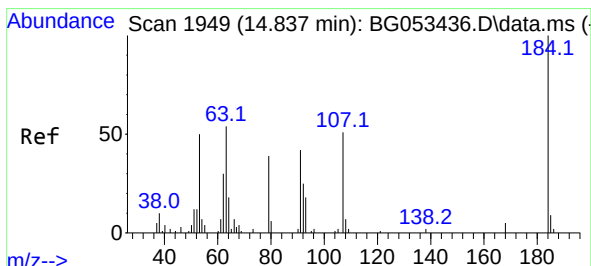
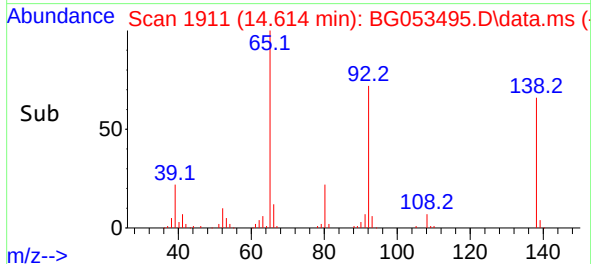
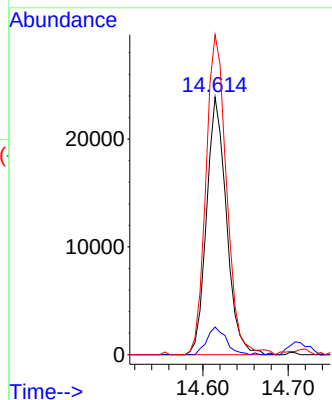
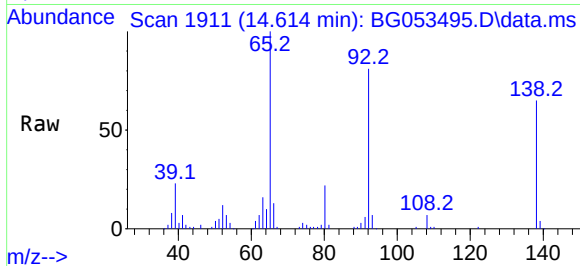
MH-31DMSD

Tgt Ion:138 Resp: 38792
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 124.2 101.9 152.9

Manual Integrations

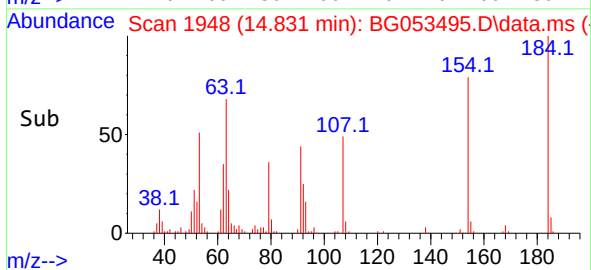
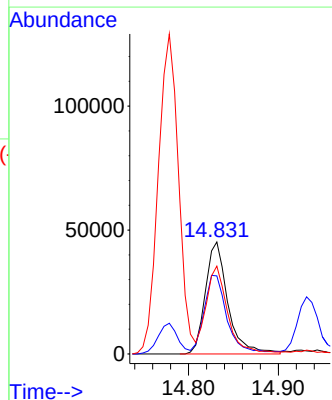
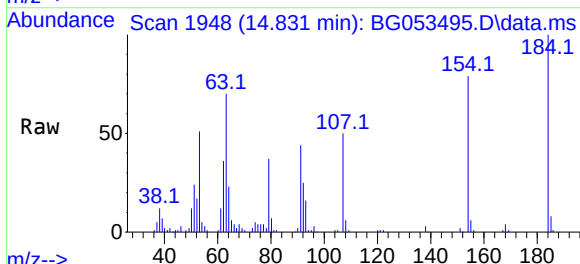
APPROVED

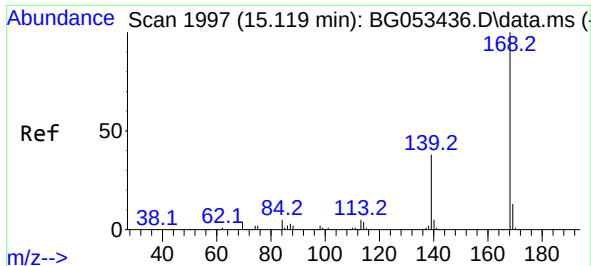
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#54
2,4-Dinitrophenol
Concen: 93.676 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

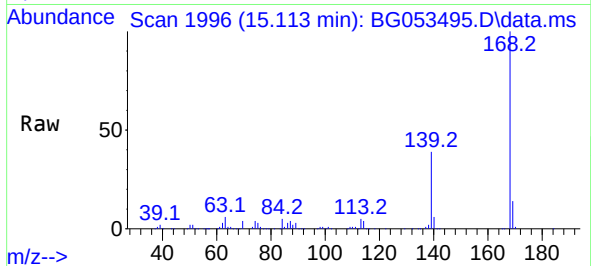
Tgt Ion:184 Resp: 78682
Ion Ratio Lower Upper
184 100
63 69.7 61.1 91.7
154 78.5 60.6 91.0





#55
Dibenzofuran
Concen: 45.648 ng
RT: 15.113 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

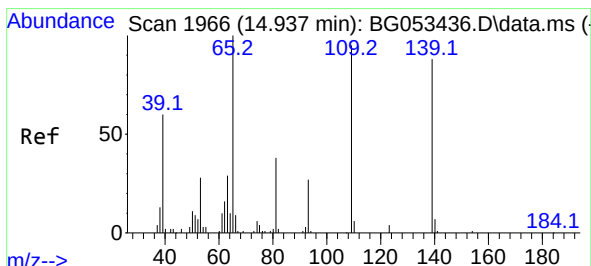
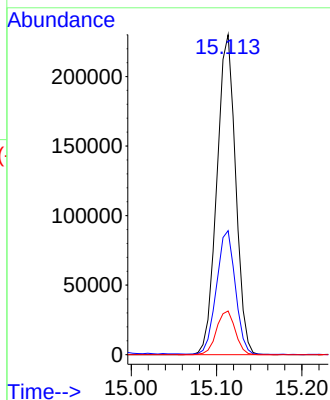
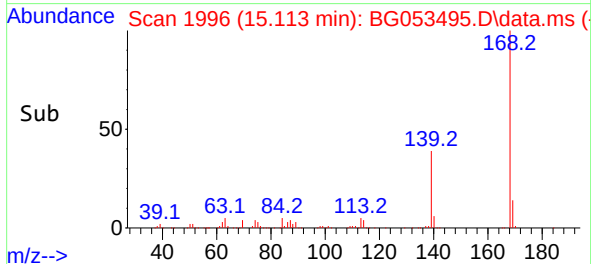
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



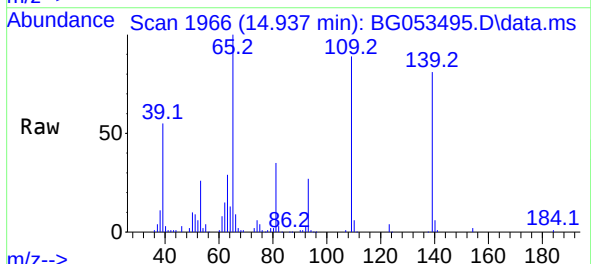
Tgt Ion:168 Resp: 35156
Ion Ratio Lower Upper
168 100
139 38.7 30.5 45.7
169 13.6 10.3 15.5

Manual Integrations
APPROVED

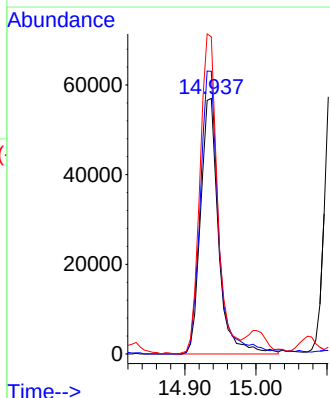
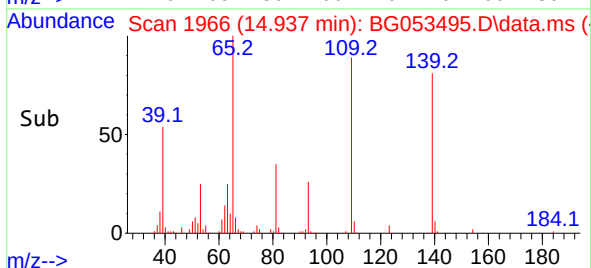
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

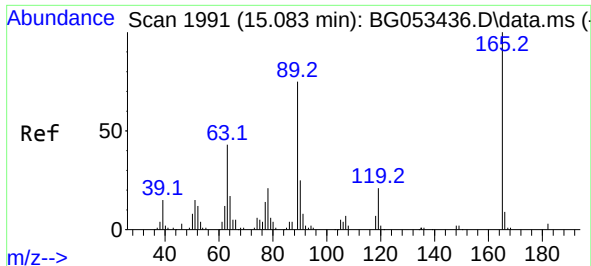


#56
4-Nitrophenol
Concen: 99.719 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:139 Resp: 100587
Ion Ratio Lower Upper
139 100
109 110.7 88.5 128.5
65 124.1 93.9 133.9





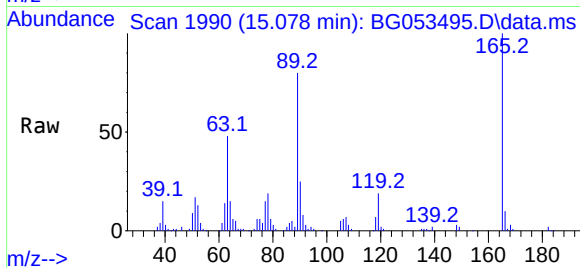
#57
2,4-Dinitrotoluene
Concen: 49.223 ng
RT: 15.078 min Scan# 1990
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

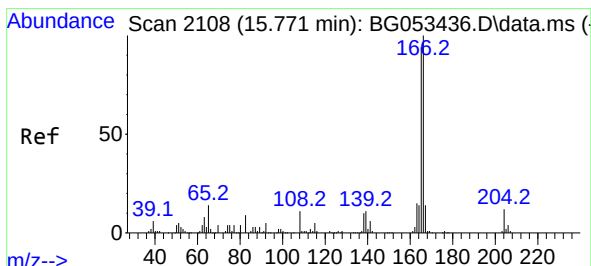
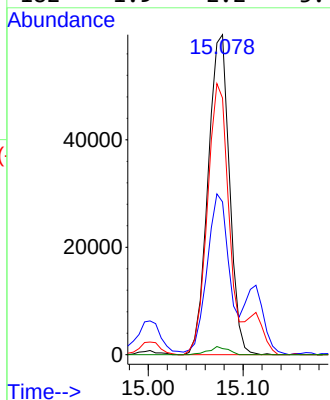
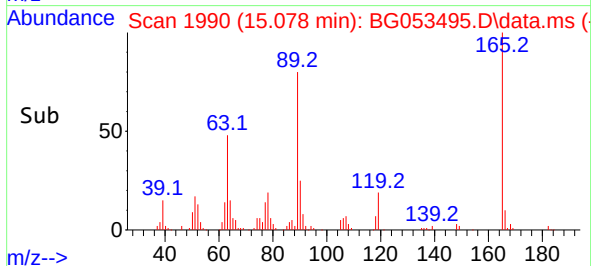


Tgt Ion:165 Resp: 93258
Ion Ratio Lower Upper
165 100
63 47.8 34.6 52.0
89 80.2 60.3 90.5
182 1.9 2.2 3.4#

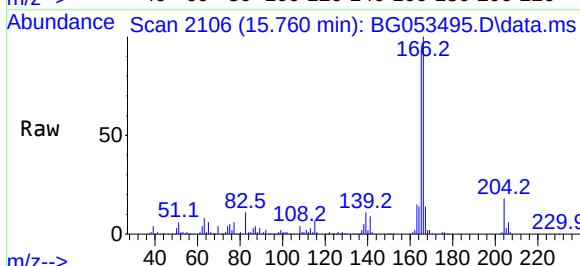
Manual Integrations

APPROVED

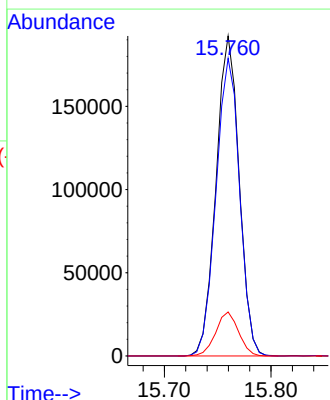
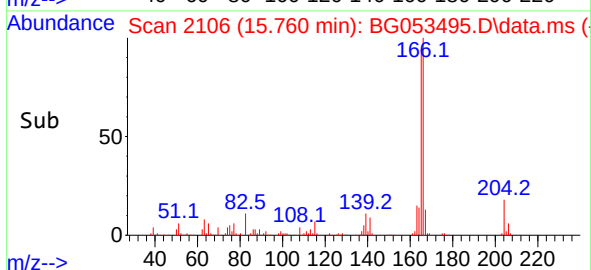
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

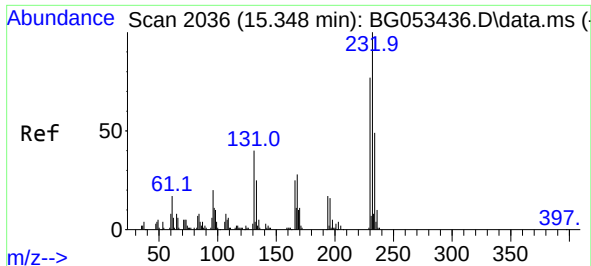


#58
Fluorene
Concen: 46.737 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:166 Resp: 288854
Ion Ratio Lower Upper
166 100
165 93.0 75.0 112.6
167 13.8 10.8 16.2





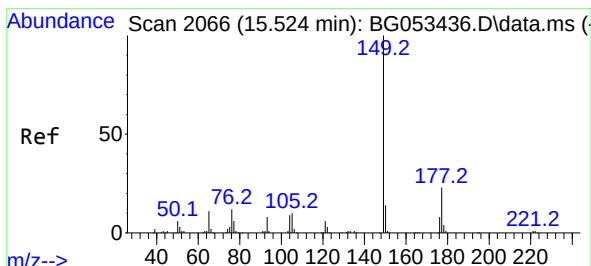
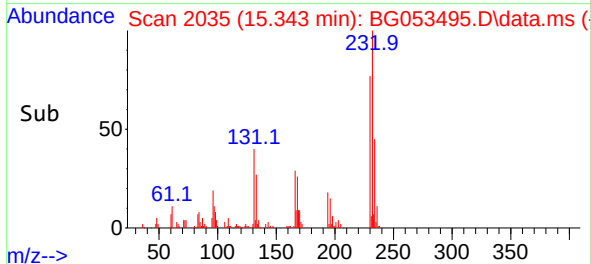
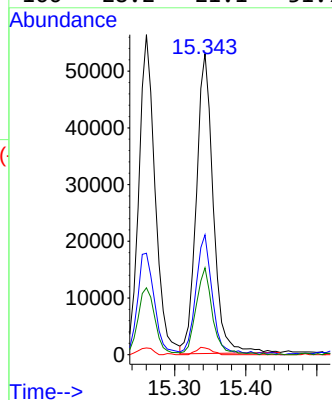
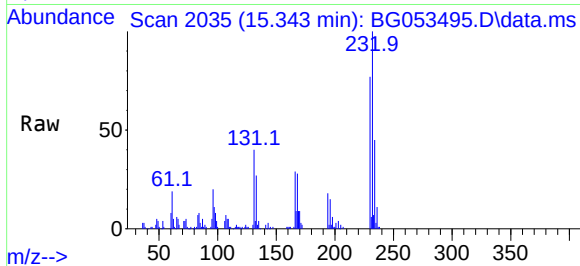
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.705 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :
BNA_G
ClientSampleId :
MH-31DMSD

Tgt Ion:232 Resp: 87610
Ion Ratio Lower Upper
232 100
131 37.5 30.6 46.0
130 2.2 1.8 2.8
166 28.2 21.1 31.7

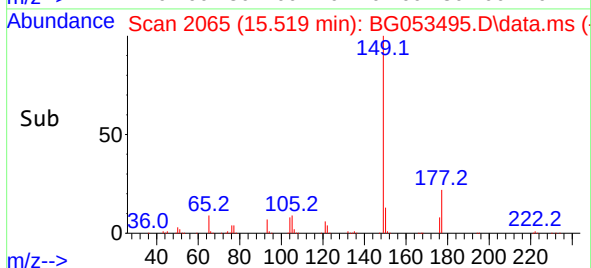
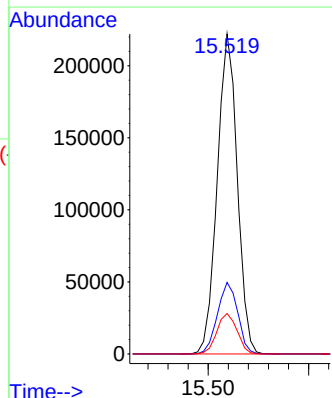
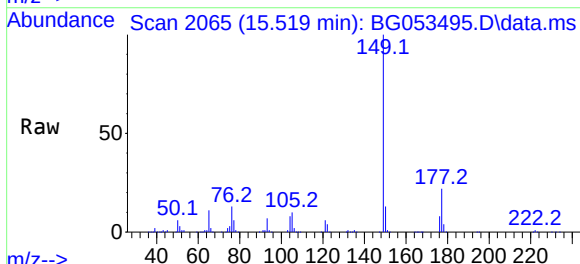
Manual Integrations
APPROVED

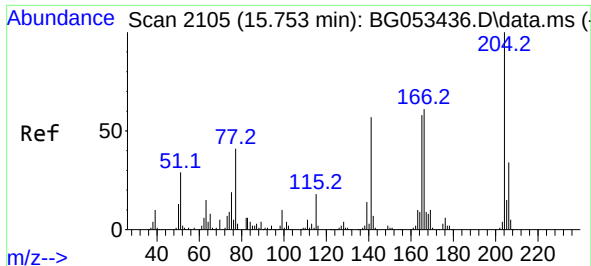
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#60
Diethylphthalate
Concen: 46.390 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:149 Resp: 307430
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.7 11.2 16.8





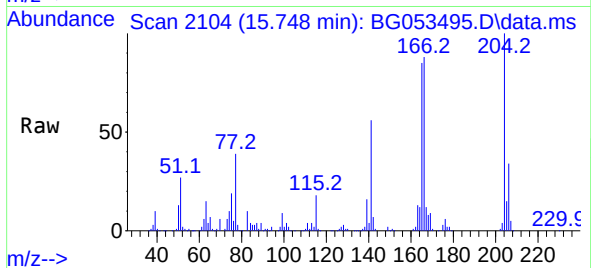
#61
4-Chlorophenyl-phenylether
Concen: 46.728 ng
RT: 15.748 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

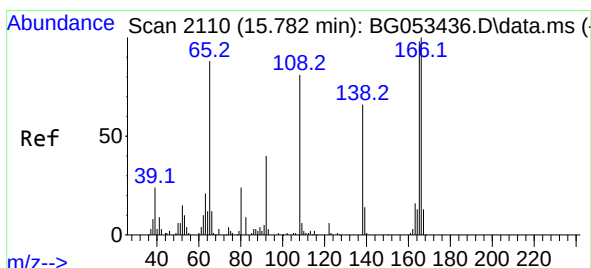
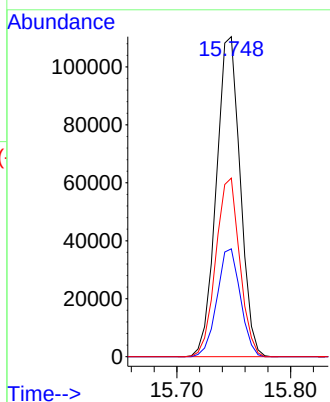
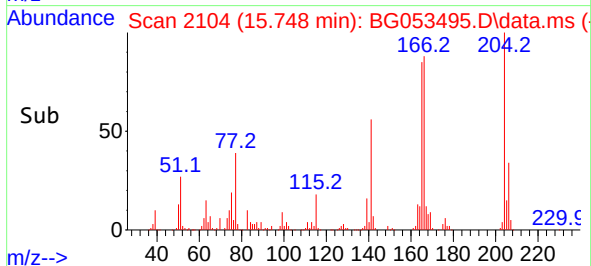


Tgt Ion:204 Resp: 161152
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 55.8 45.3 67.9

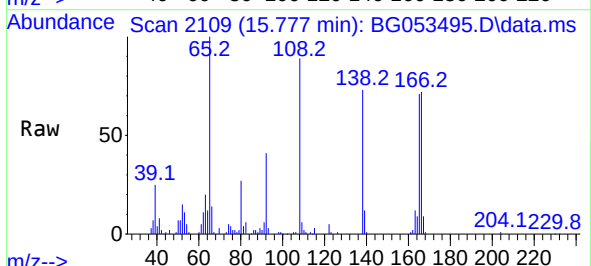
Manual Integrations

APPROVED

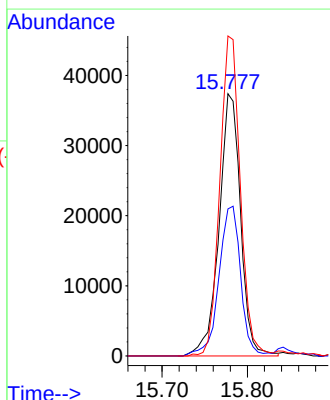
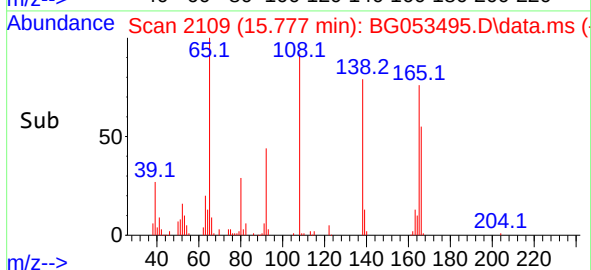
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

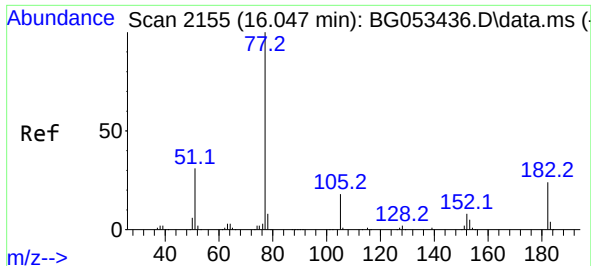


#62
4-Nitroaniline
Concen: 44.659 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:138 Resp: 65417
Ion Ratio Lower Upper
138 100
92 56.1 40.5 80.5
108 122.0 103.7 143.7





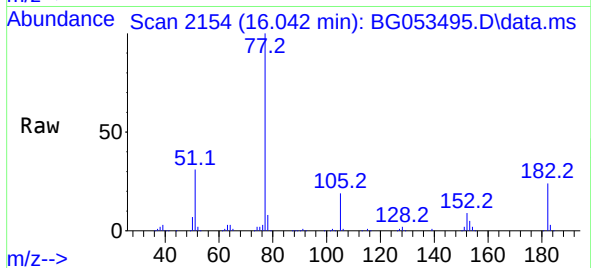
#63
Azobenzene
Concen: 45.386 ng
RT: 16.042 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

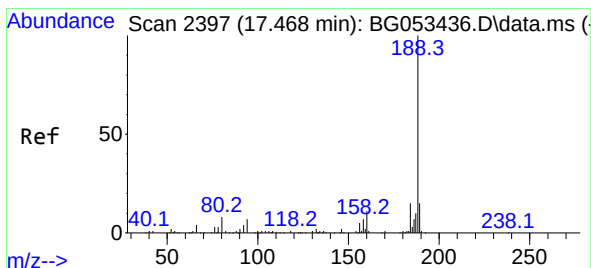
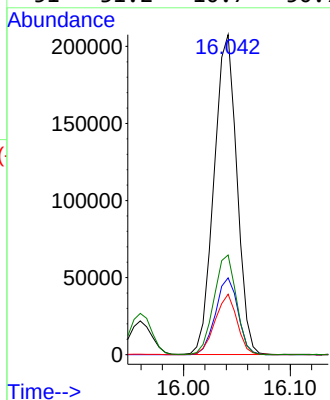
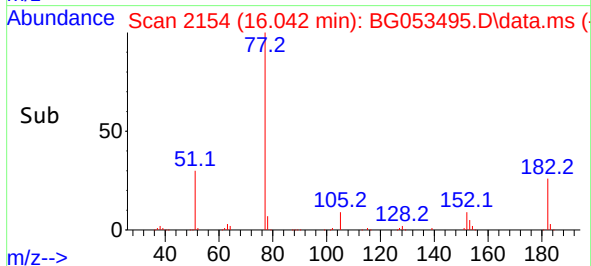


Tgt Ion: 77 Resp: 30799
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 18.9 0.0 37.8
51 31.2 10.7 50.7

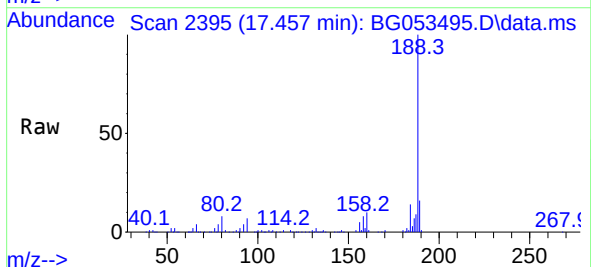
Manual Integrations

APPROVED

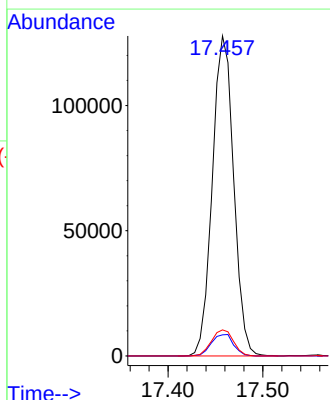
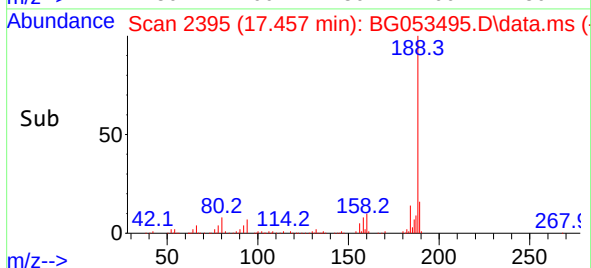
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

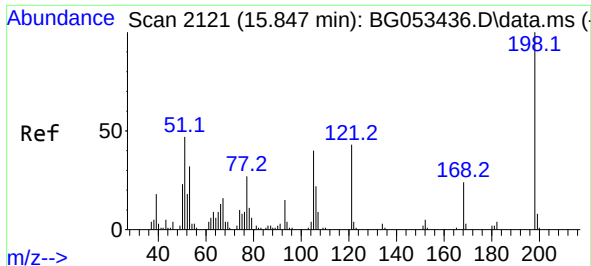


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:188 Resp: 199913
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.977 ng
RT: 15.842 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

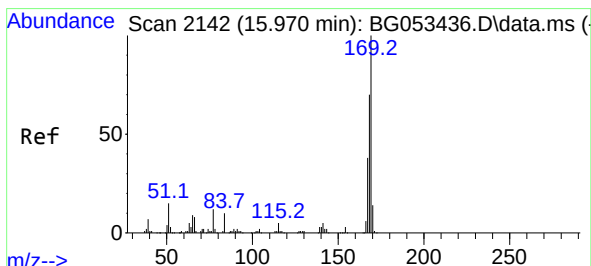
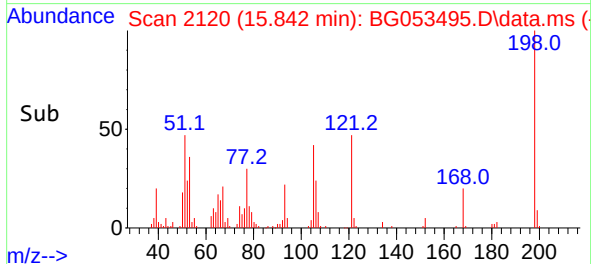
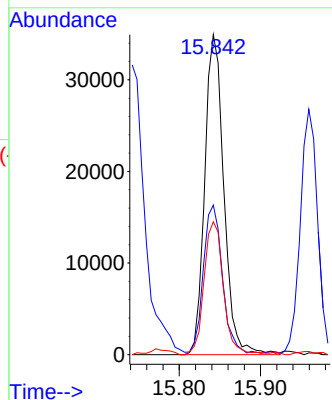
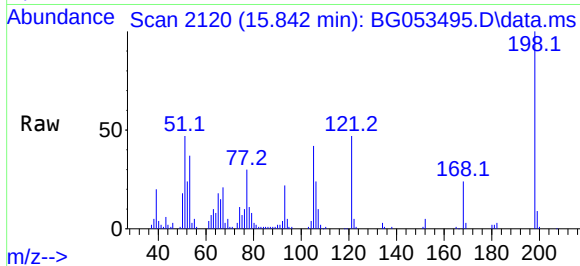
MH-31DMSD

Tgt Ion:198 Resp: 57152
Ion Ratio Lower Upper
198 100
51 46.7 28.1 68.1
105 41.5 20.3 60.3

Manual Integrations

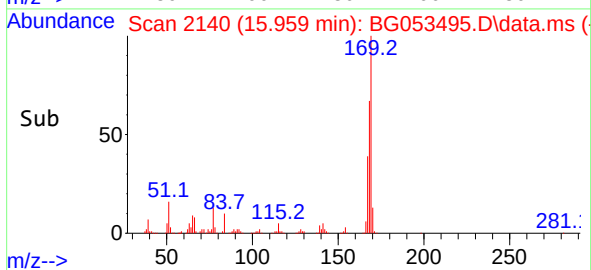
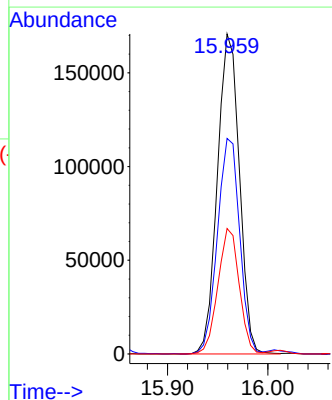
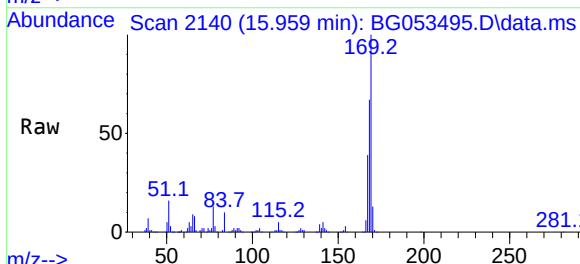
APPROVED

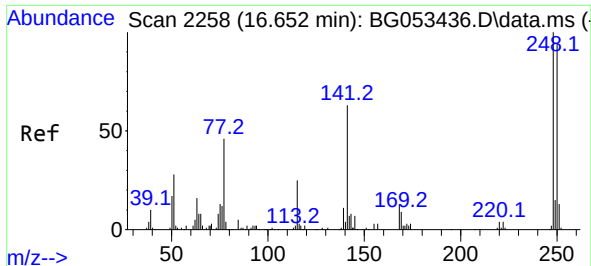
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#66
n-Nitrosodiphenylamine
Concen: 49.463 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:169 Resp: 259621
Ion Ratio Lower Upper
169 100
168 67.4 55.9 83.9
167 39.2 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 49.082 ng
RT: 16.641 min Scan# 211
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

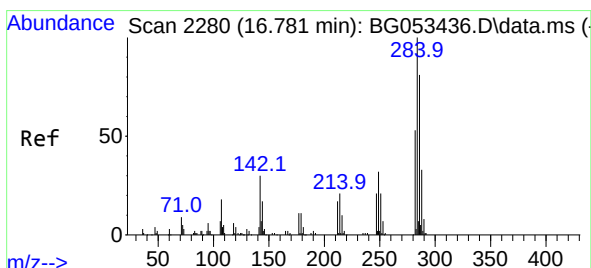
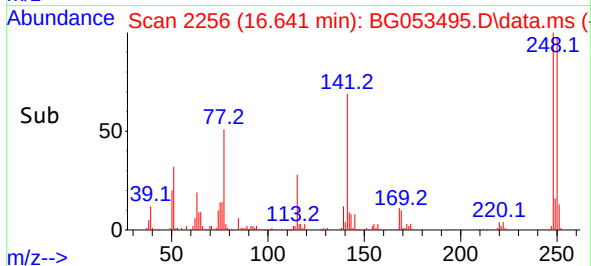
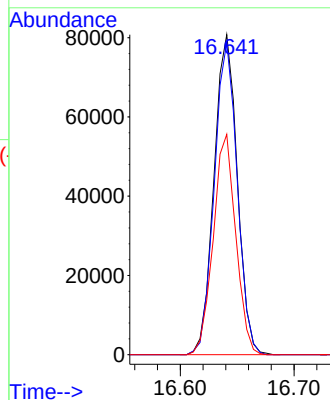
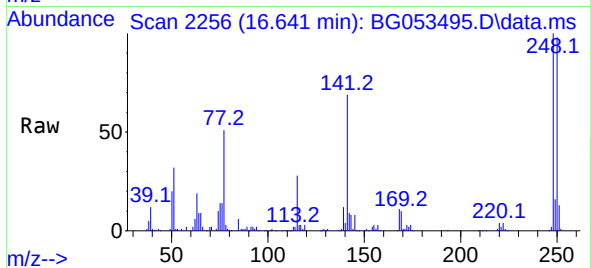
MH-31DMSD

Tgt Ion:248 Resp: 11459
Ion Ratio Lower Upper
248 100
250 97.7 75.2 112.8
141 68.8 50.0 75.0

Manual Integrations

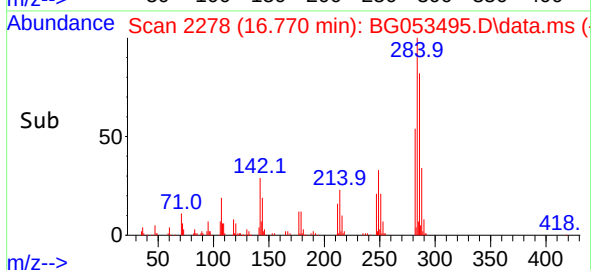
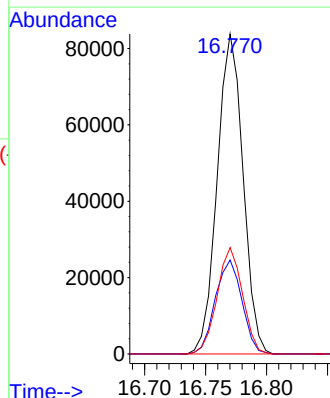
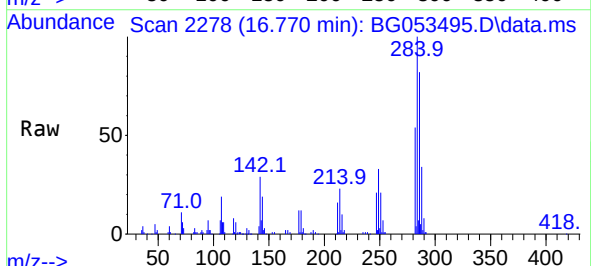
APPROVED

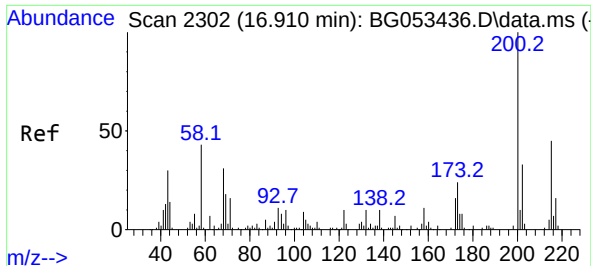
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#68
Hexachlorobenzene
Concen: 48.308 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Tgt Ion:284 Resp: 123522
Ion Ratio Lower Upper
284 100
142 29.3 23.6 35.4
249 33.2 25.8 38.6





#69
Atrazine
Concen: 50.846 ng
RT: 16.905 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

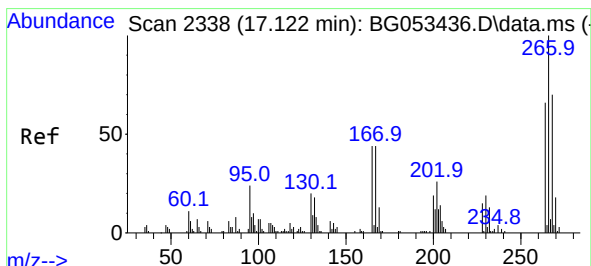
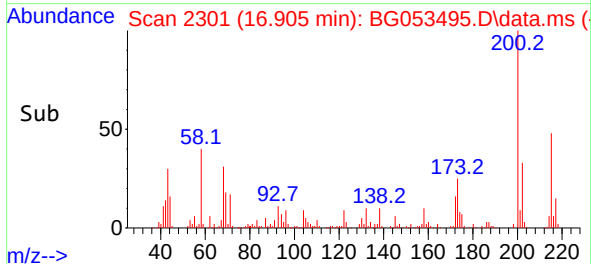
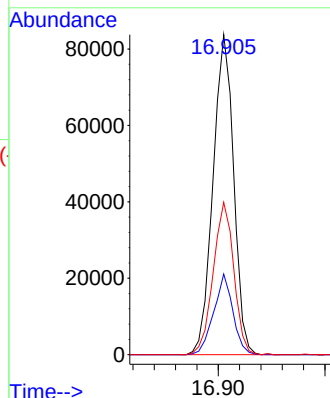
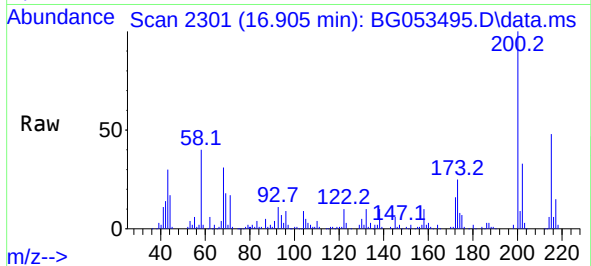
MH-31DMSD

Tgt Ion:200 Resp: 112350
Ion Ratio Lower Upper
200 100
173 25.2 3.7 43.7
215 47.6 25.2 65.2

Manual Integrations

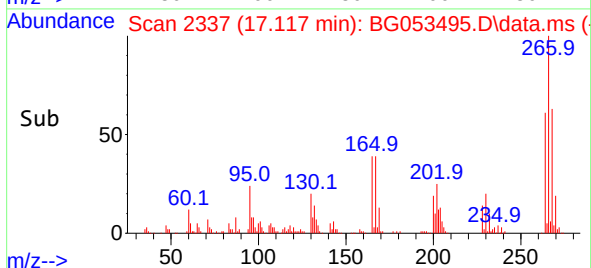
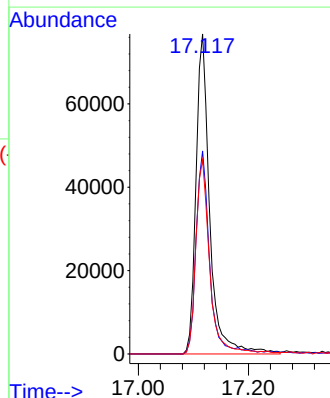
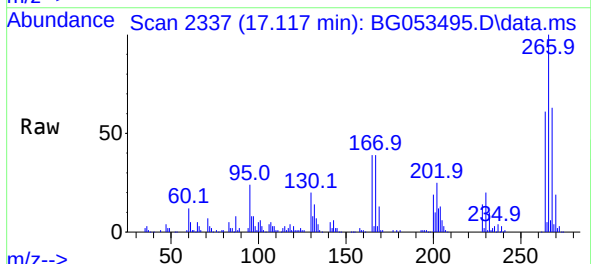
APPROVED

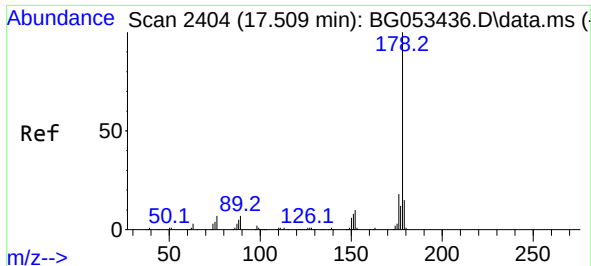
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#70
Pentachlorophenol
Concen: 95.708 ng
RT: 17.117 min Scan# 2337
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

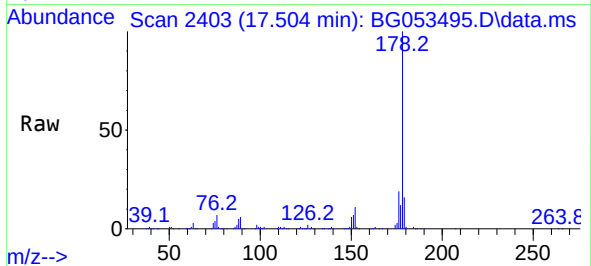
Tgt Ion:266 Resp: 133127
Ion Ratio Lower Upper
266 100
268 63.5 56.2 84.2
264 60.7 53.0 79.4





#71
Phenanthrene
Concen: 47.956 ng
RT: 17.504 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

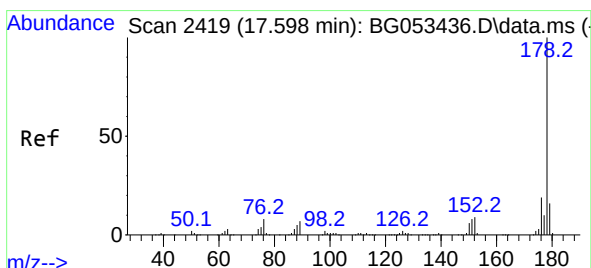
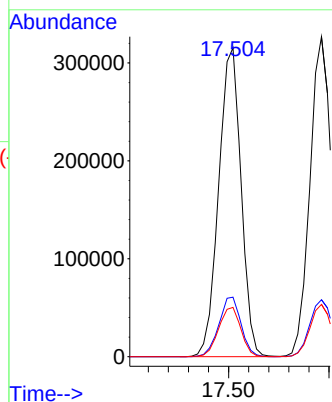
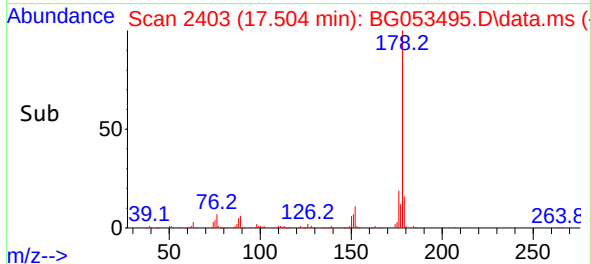
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



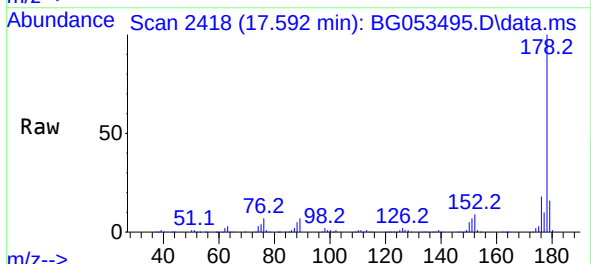
Tgt Ion:178 Resp: 487484
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 15.9 12.1 18.1

Manual Integrations
APPROVED

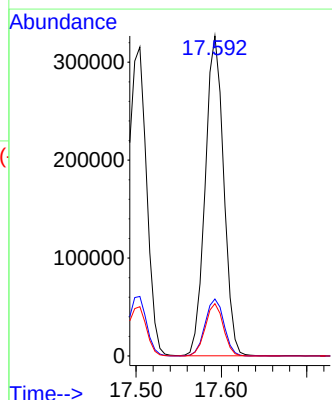
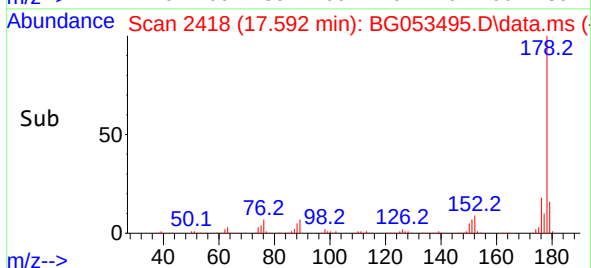
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

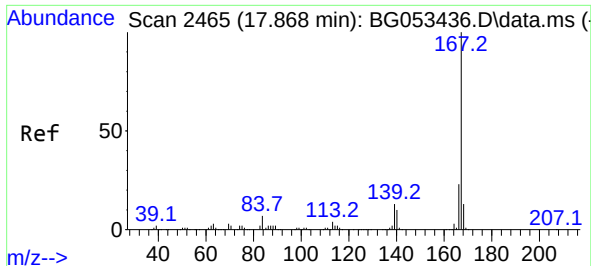


#72
Anthracene
Concen: 49.148 ng
RT: 17.592 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:178 Resp: 491063
Ion Ratio Lower Upper
178 100
176 17.8 15.2 22.8
179 16.3 13.0 19.4





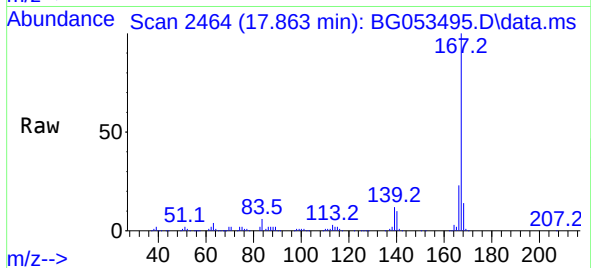
#73
 Carbazole
 Concen: 46.558 ng
 RT: 17.863 min Scan# 2465
 Delta R.T. -0.005 min
 Lab File: BG053495.D
 Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

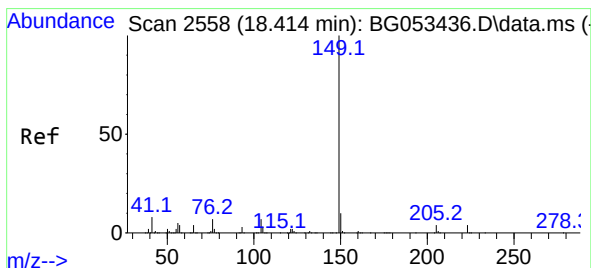
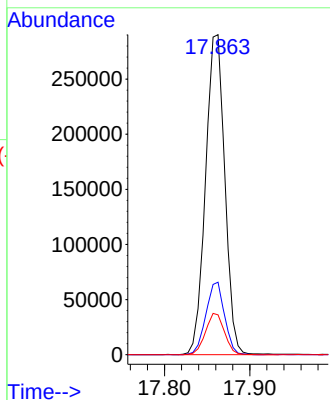
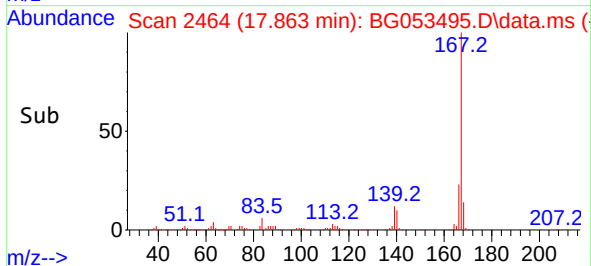


Tgt Ion:167 Resp: 455909
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.4 10.1 15.1

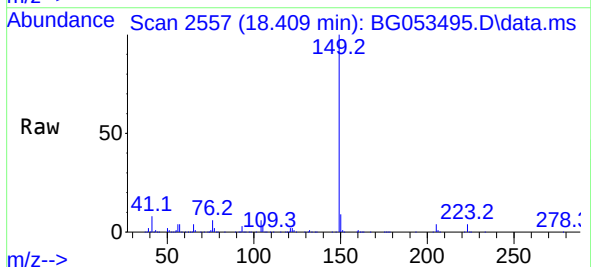
Manual Integrations

APPROVED

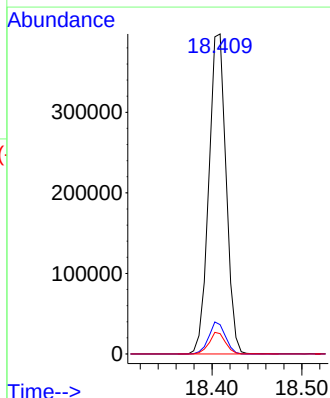
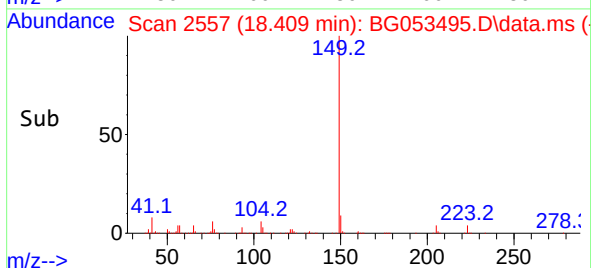
Reviewed By :Christian Giraldo 05/10/2022
 Supervised By :Jagrut Upadhyay 05/10/2022

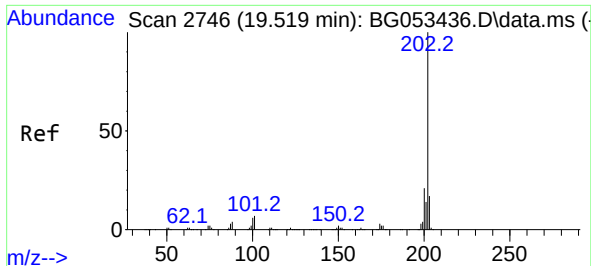


#74
 Di-n-butylphthalate
 Concen: 48.084 ng
 RT: 18.409 min Scan# 2557
 Delta R.T. -0.005 min
 Lab File: BG053495.D
 Acq: 9 May 2022 16:27



Tgt Ion:149 Resp: 529549
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 6.4 5.4 8.0





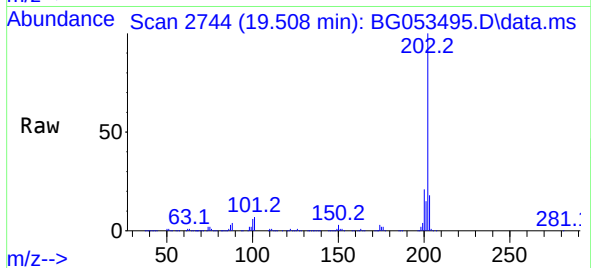
#75
Fluoranthene
Concen: 47.025 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

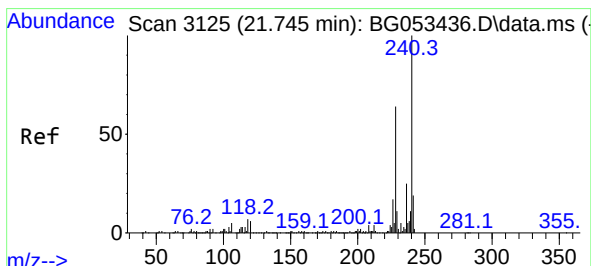
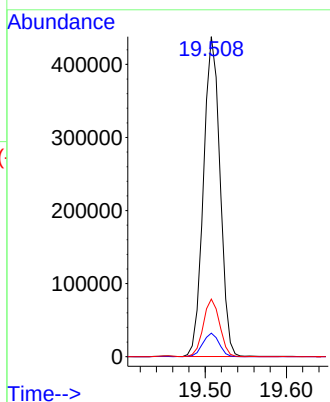
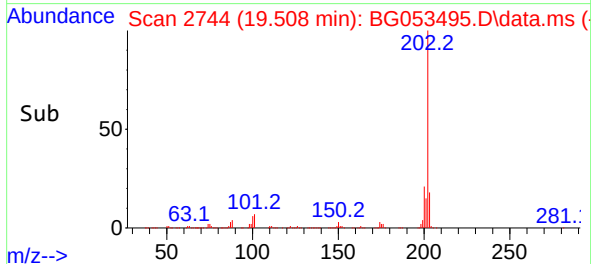


Tgt Ion:202 Resp: 618944
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.9
203 18.0 0.0 37.2

Manual Integrations

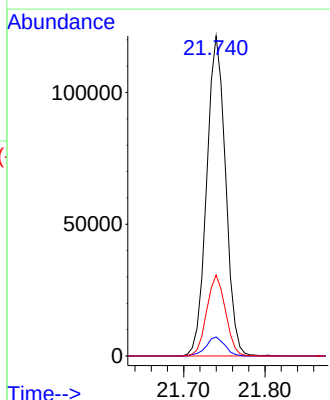
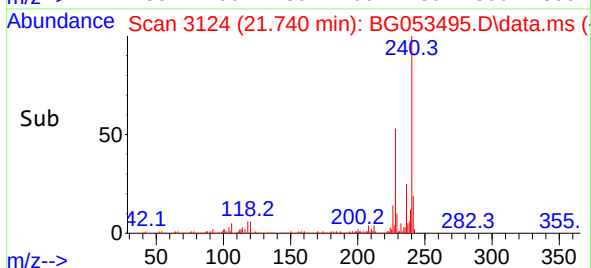
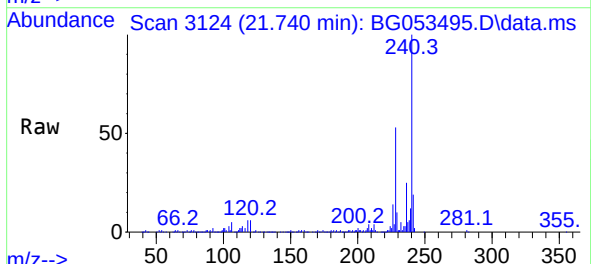
APPROVED

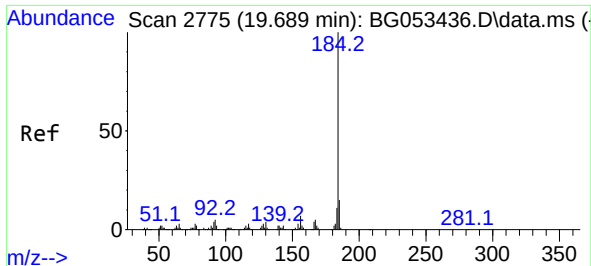
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

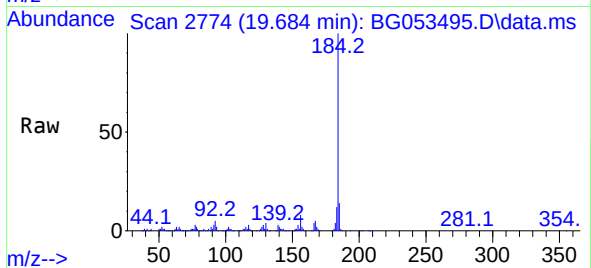
Tgt Ion:240 Resp: 195959
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.3 20.2 30.4





#77
Benzidine
Concen: 90.396 ng
RT: 19.684 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

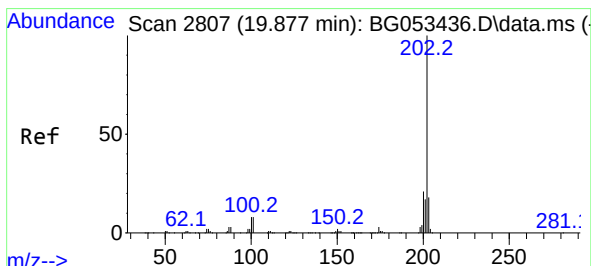
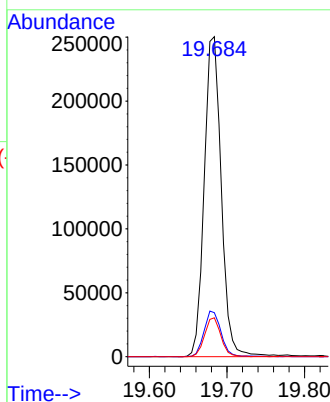
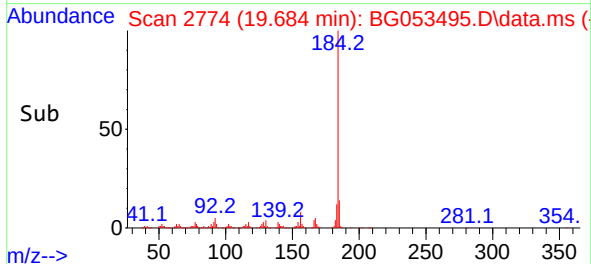
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



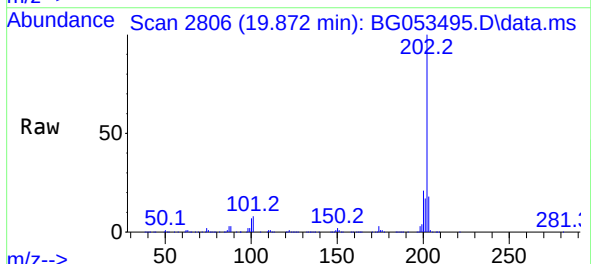
Tgt Ion:184 Resp: 38180
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.1 8.9 13.3

Manual Integrations
APPROVED

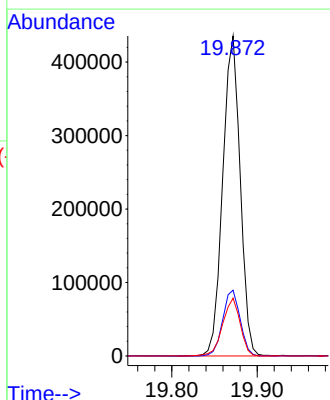
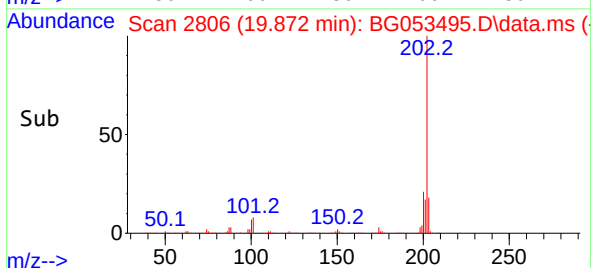
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

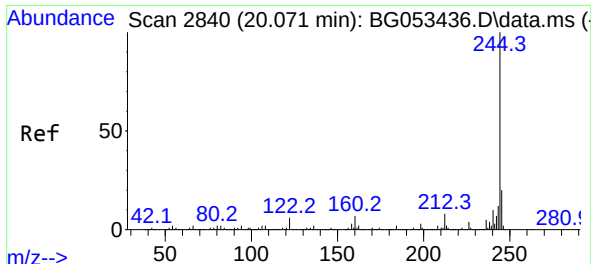


#78
Pyrene
Concen: 48.749 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:202 Resp: 618395
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.0 14.6 21.8





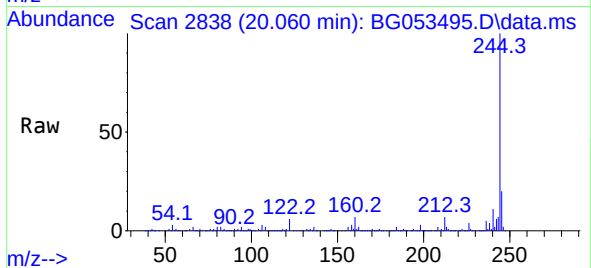
#79
 Terphenyl-d14
 Concen: 80.250 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053495.D
 Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

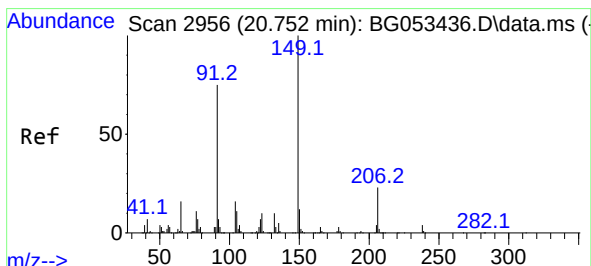
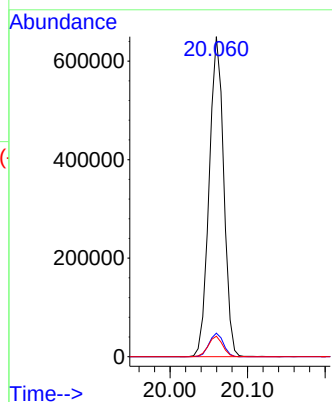


Tgt Ion:244 Resp: 844352
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.4 5.0 7.4

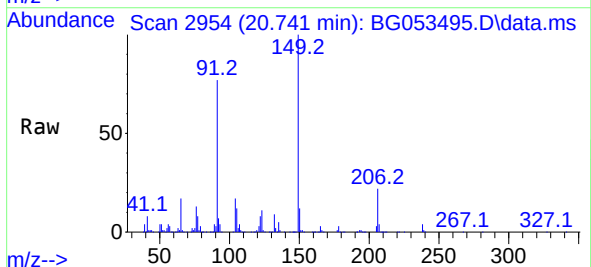
Manual Integrations

APPROVED

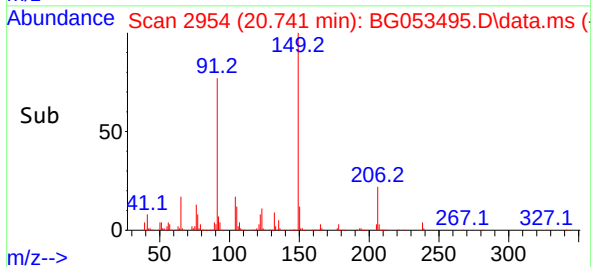
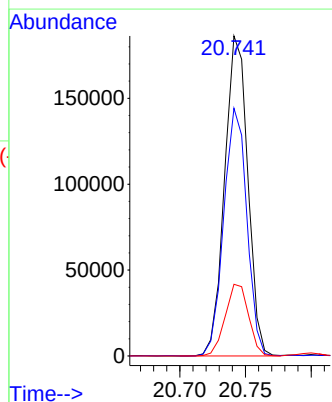
Reviewed By :Christian Giraldo 05/10/2022
 Supervised By :Jagrut Upadhyay 05/10/2022

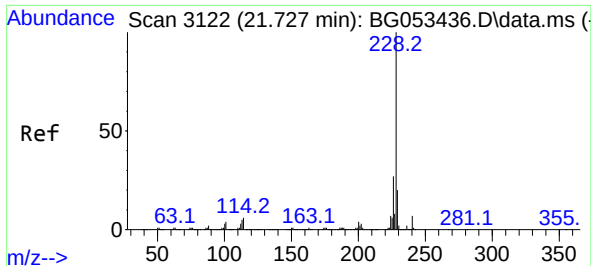


#80
 Butylbenzylphthalate
 Concen: 49.103 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.011 min
 Lab File: BG053495.D
 Acq: 9 May 2022 16:27



Tgt Ion:149 Resp: 228413
 Ion Ratio Lower Upper
 149 100
 91 77.4 59.6 89.4
 206 22.4 18.6 28.0





#81
Benzo(a)anthracene
Concen: 47.707 ng
RT: 21.722 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

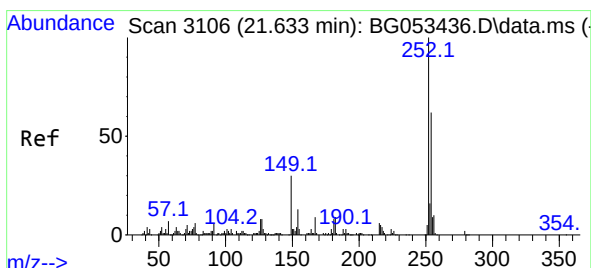
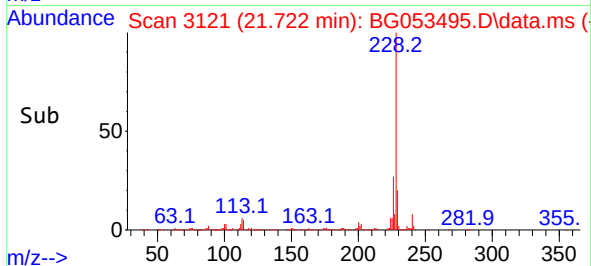
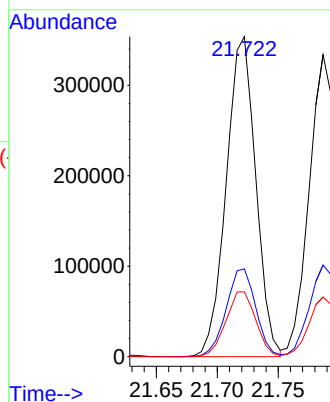
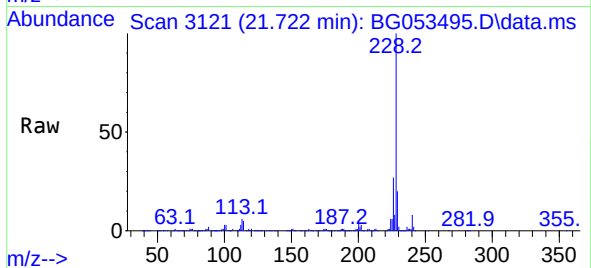
MH-31DMSD

Tgt Ion:228 Resp: 59627
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.2 16.2 24.2

Manual Integrations

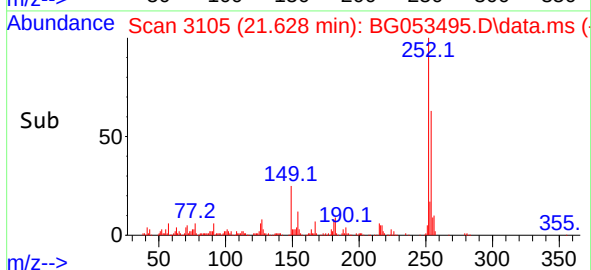
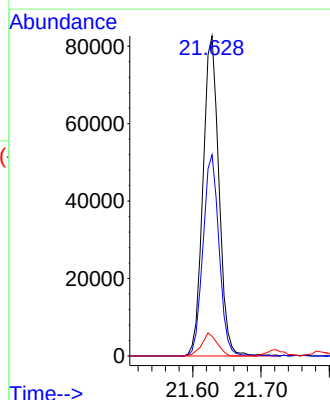
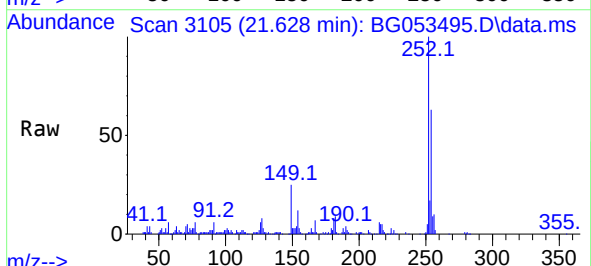
APPROVED

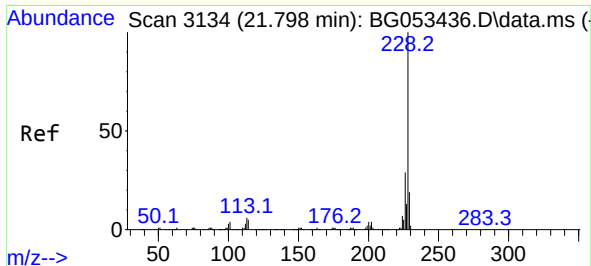
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022



#82
3,3'-Dichlorobenzidine
Concen: 42.374 ng
RT: 21.628 min Scan# 3105
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

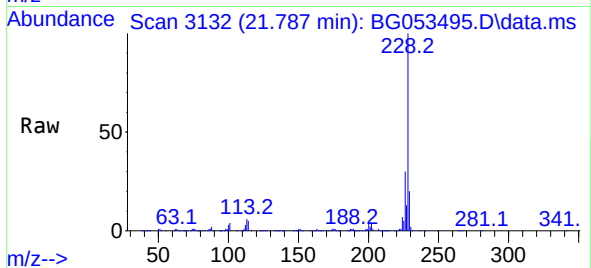
Tgt Ion:252 Resp: 134304
Ion Ratio Lower Upper
252 100
254 62.8 49.8 74.8
126 6.2 6.0 9.0





#83
Chrysene
Concen: 46.931 ng
RT: 21.787 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

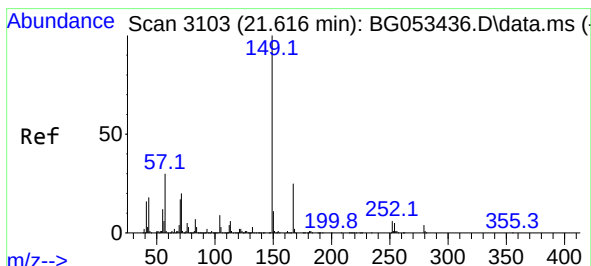
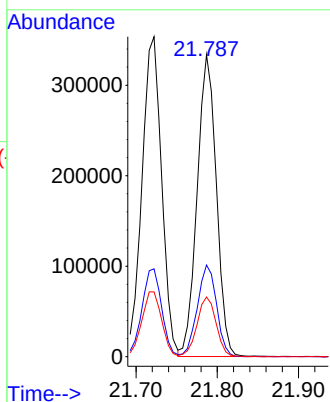
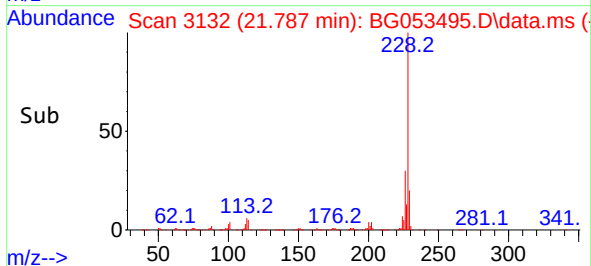
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



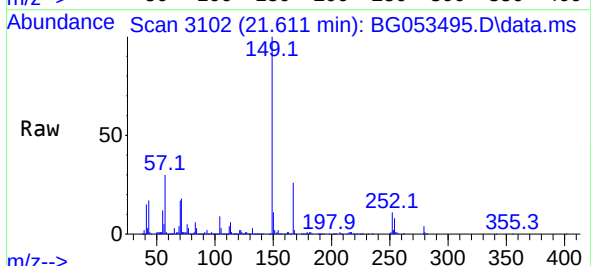
Tgt Ion:228 Resp: 54783
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 19.8 15.5 23.3

Manual Integrations
APPROVED

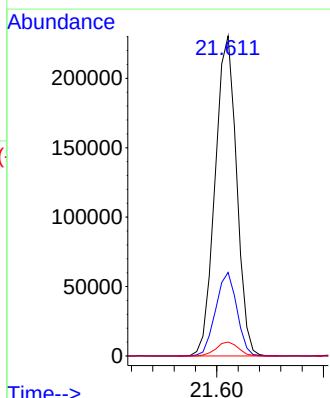
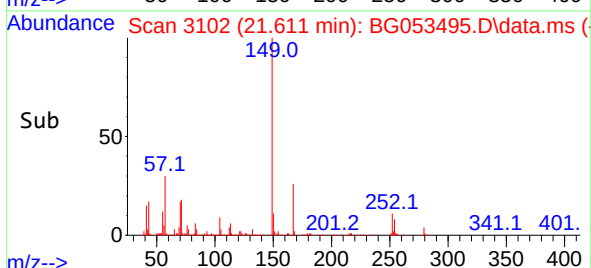
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

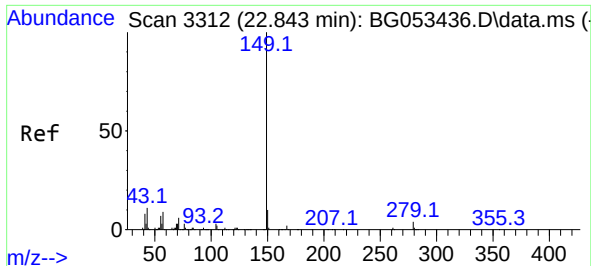


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.132 ng
RT: 21.611 min Scan# 3102
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



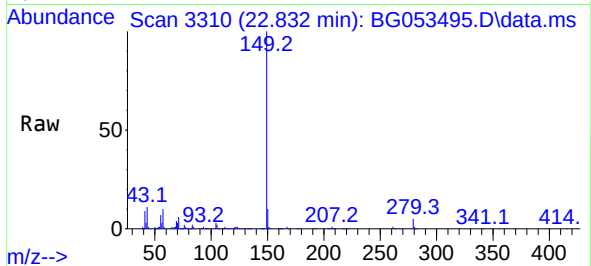
Tgt Ion:149 Resp: 321864
Ion Ratio Lower Upper
149 100
167 26.1 20.2 30.4
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 48.641 ng
RT: 22.832 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

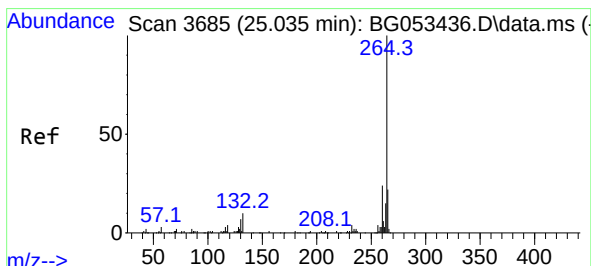
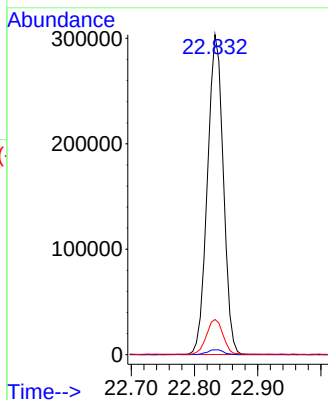
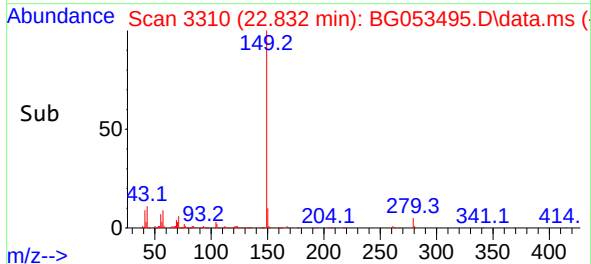
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



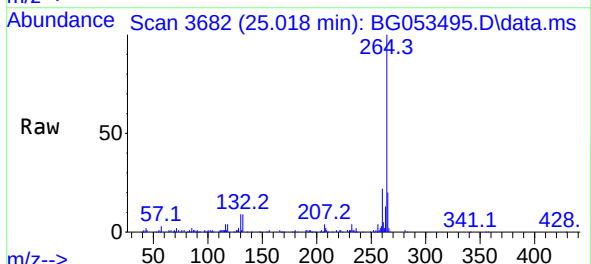
Tgt Ion:149 Resp: 528084
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 9.0 13.4

Manual Integrations
APPROVED

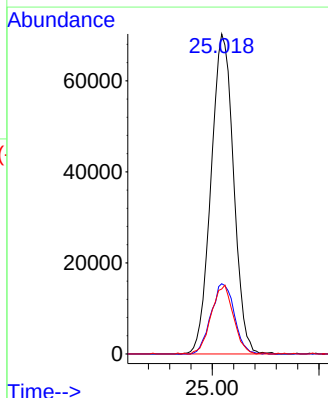
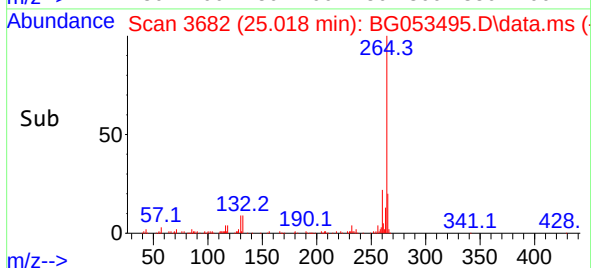
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

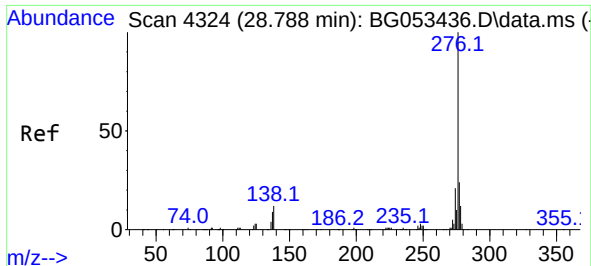


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.017 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



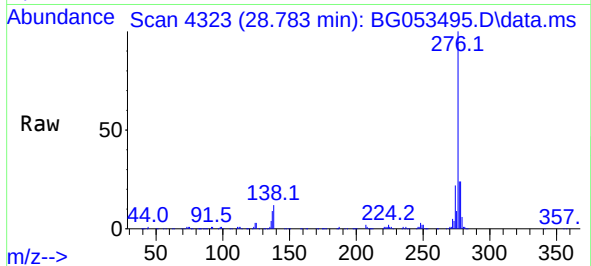
Tgt Ion:264 Resp: 206227
Ion Ratio Lower Upper
264 100
260 22.0 19.0 28.6
265 20.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.139 ng
RT: 28.783 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

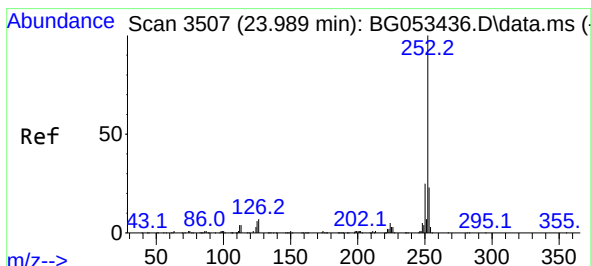
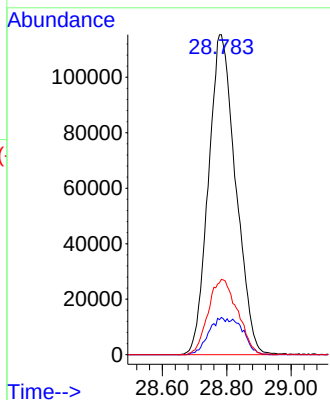
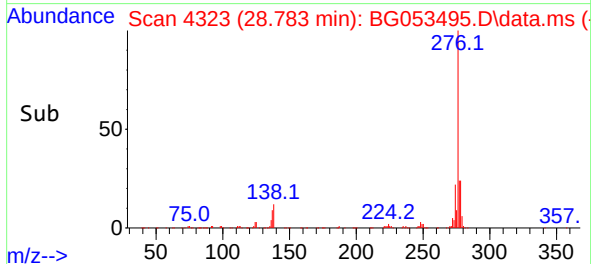
Instrument :
BNA_G
ClientSampleId :
MH-31DMSD



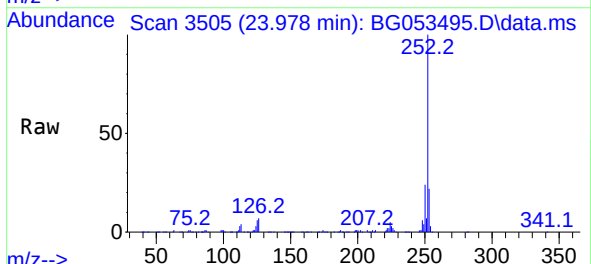
Tgt Ion:276 Resp: 67707
Ion Ratio Lower Upper
276 100
138 8.4 5.0 7.4
277 25.3 20.3 30.5

Manual Integrations
APPROVED

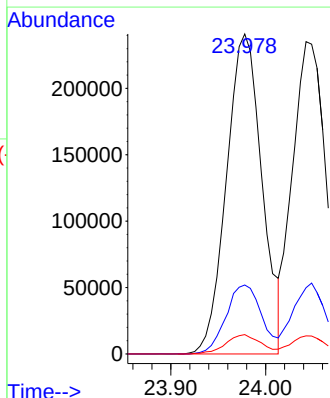
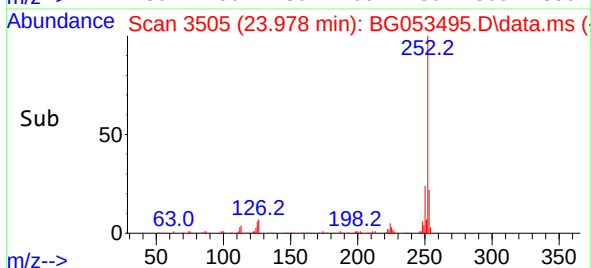
Reviewed By :Christian Giraldo 05/10/2022
Supervised By :Jagrut Upadhyay 05/10/2022

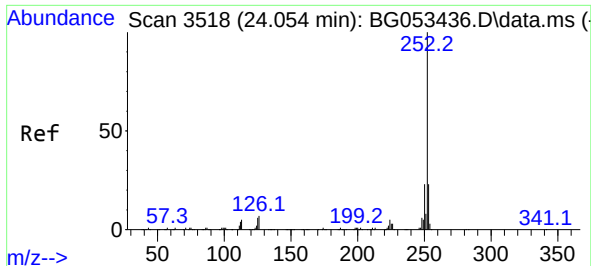


#88
Benzo(b)fluoranthene
Concen: 51.447 ng
RT: 23.978 min Scan# 3505
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:252 Resp: 628004
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.1 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 47.977 ng

RT: 24.043 min Scan# 3518

Delta R.T. -0.011 min

Lab File: BG053495.D

Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

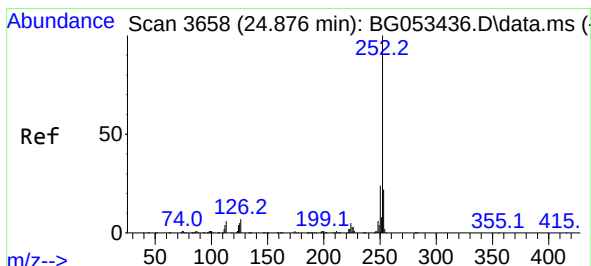
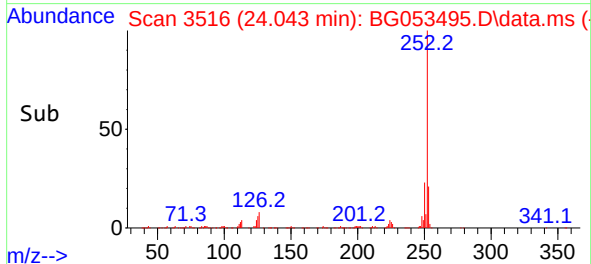
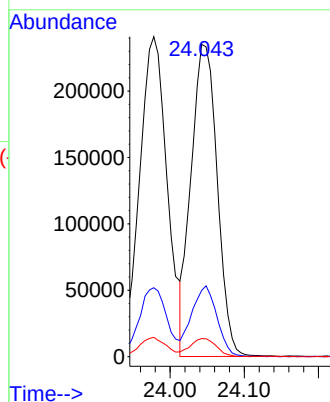
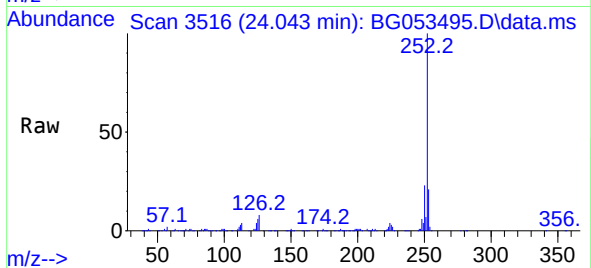
MH-31DMSD

Tgt Ion:252 Resp: 575498
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.4 27.6
 125 5.8 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: 57.265 ng

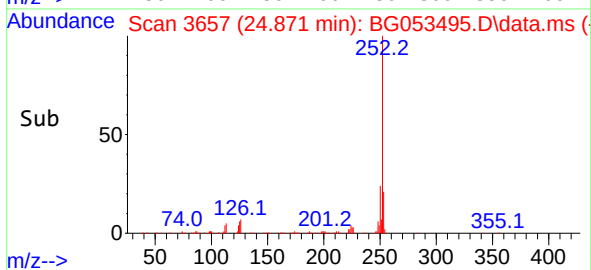
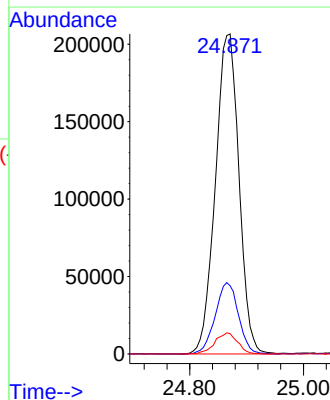
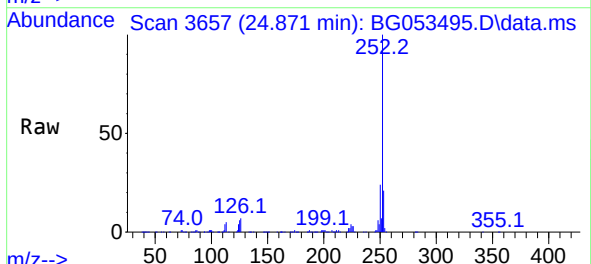
RT: 24.871 min Scan# 3657

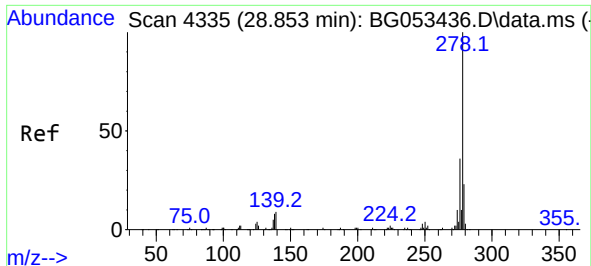
Delta R.T. -0.005 min

Lab File: BG053495.D

Acq: 9 May 2022 16:27

Tgt Ion:252 Resp: 594977
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.8 26.8
 125 6.4 4.3 6.5





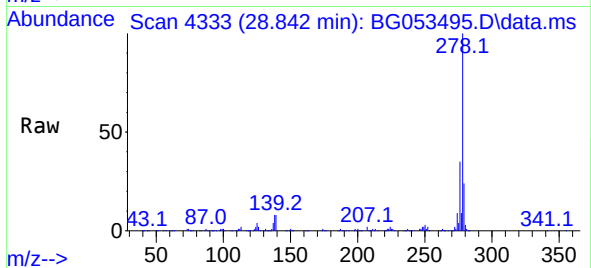
#91
Dibenzo(a,h)anthracene
Concen: 48.943 ng
RT: 28.842 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27

Instrument :

BNA_G

ClientSampleId :

MH-31DMSD

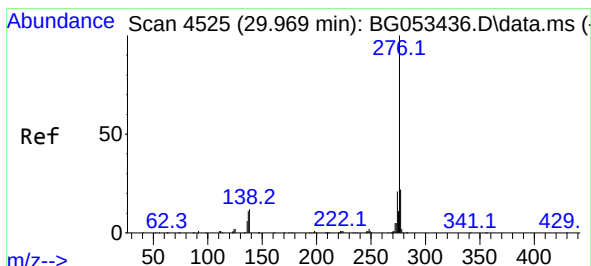
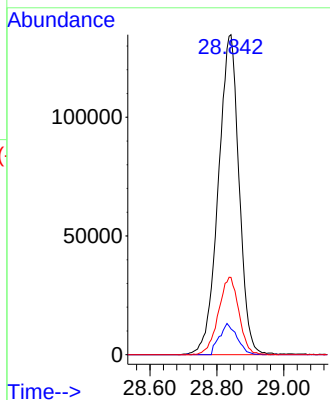
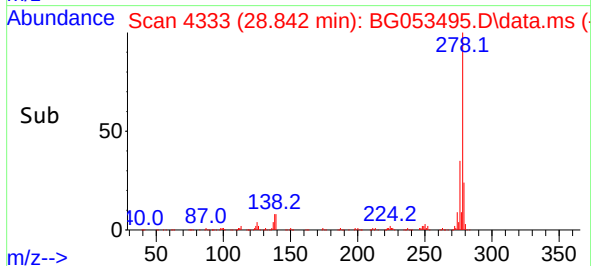


Tgt Ion:278 Resp: 579252
Ion Ratio Lower Upper
278 100
139 8.1 7.2 10.8
279 24.1 18.6 27.8

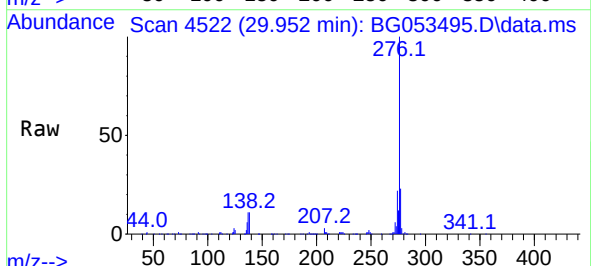
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.429 ng
RT: 29.952 min Scan# 4522
Delta R.T. -0.017 min
Lab File: BG053495.D
Acq: 9 May 2022 16:27



Tgt Ion:276 Resp: 579883
Ion Ratio Lower Upper
276 100
277 22.8 17.3 25.9
138 11.4 9.6 14.4

