

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053513.D
 Acq On : 10 May 2022 18:18
 Operator : CG/JU
 Sample : N2763-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2022
 Supervised By : Jagrut Upadhyay 05/11/2022

Quant Time: May 11 06:03:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	21640	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	88288	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	67164	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	173934	20.000	ng	0.00
76) Chrysene-d12	21.740	240	185506	20.000	ng	0.00
86) Perylene-d12	25.018	264	196132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	79060	62.003	ng	0.00
7) Phenol-d6	7.247	99	73050	37.749	ng	0.00
23) Nitrobenzene-d5	9.251	82	188616	90.942	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	139823	141.151	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	420184	91.419	ng	0.00
79) Terphenyl-d14	20.060	244	785279	78.842	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	11746	17.557	ng	# 85
3) Pyridine	3.940	79	24178m	14.798	ng	
4) n-Nitrosodimethylamine	3.852	42	15989	20.089	ng	92
6) Aniline	7.406	93	61917	28.888	ng	100
8) 2-Chlorophenol	7.653	128	59183	44.399	ng	98
9) Benzaldehyde	7.218	77	55932m	45.496	ng	
10) Phenol	7.277	94	29357	15.511	ng	96
11) bis(2-Chloroethyl)ether	7.494	93	71039	50.327	ng	95
12) 1,3-Dichlorobenzene	7.976	146	69140m	43.967	ng	
13) 1,4-Dichlorobenzene	8.123	146	71682	45.172	ng	97
14) 1,2-Dichlorobenzene	8.446	146	69704	46.777	ng	96
15) Benzyl Alcohol	8.323	79	50206m	31.032	ng	
16) 2,2'-oxybis(1-Chloropr...	8.610	45	114950	50.036	ng	98
17) 2-Methylphenol	8.528	107	44816	35.034	ng	96
18) Hexachloroethane	9.174	117	25731	42.699	ng	97
19) n-Nitroso-di-n-propyla...	8.886	70	70668	50.897	ng	97
20) 3+4-Methylphenols	8.857	107	55634	30.794	ng	98
22) Acetophenone	8.910	105	120465	49.855	ng	96
24) Nitrobenzene	9.292	77	104146	51.881	ng	95
25) Isophorone	9.815	82	191468	54.854	ng	97
26) 2-Nitrophenol	10.008	139	41104	50.556	ng	93
27) 2,4-Dimethylphenol	10.067	122	62601	51.163	ng	95
28) bis(2-Chloroethoxy)met...	10.290	93	102083	50.851	ng	98
29) 2,4-Dichlorophenol	10.549	162	72977	49.418	ng	90
30) 1,2,4-Trichlorobenzene	10.760	180	78101	46.549	ng	99
31) Naphthalene	10.948	128	215316	47.944	ng	99
32) Benzoic acid	10.238	122	25748m	36.199	ng	
33) 4-Chloroaniline	11.054	127	46642	24.799	ng	97
34) Hexachlorobutadiene	11.236	225	55443	44.563	ng	95
35) Caprolactam	11.859	113	3683m	6.863	ng	
36) 4-Chloro-3-methylphenol	12.176	107	80769	45.725	ng	98
37) 2-Methylnaphthalene	12.546	142	162704	48.546	ng	99
38) 1-Methylnaphthalene	12.764	142	157130m	48.053	ng	
40) 1,2,4,5-Tetrachloroben...	12.916	216	105347	49.760	ng	# 99
41) Hexachlorocyclopentadiene	12.893	237	91146	102.858	ng	98
43) 2,4,6-Trichlorophenol	13.151	196	69961	50.625	ng	97

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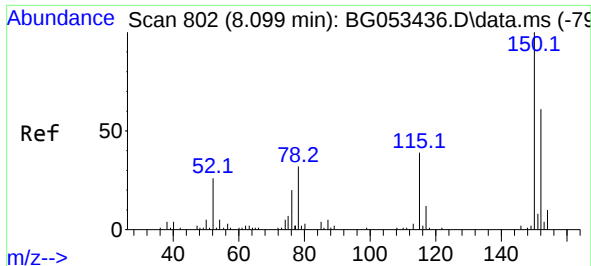
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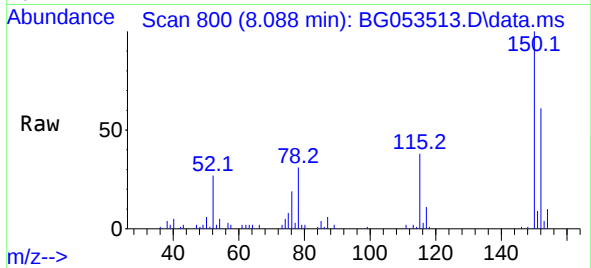
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	74102	50.383	ng	99
46) 1,1'-Biphenyl	13.545	154	230226	50.288	ng	99
47) 2-Chloronaphthalene	13.592	162	181404	50.574	ng	99
48) 2-Nitroaniline	13.792	65	73062	54.665	ng	98
49) Acenaphthylene	14.438	152	307673	53.754	ng	99
50) Dimethylphthalate	14.162	163	267949	52.500	ng	100
51) 2,6-Dinitrotoluene	14.279	165	56082	53.935	ng	96
52) Acenaphthene	14.778	154	175936	51.578	ng	100
53) 3-Nitroaniline	14.614	138	31993	28.476	ng	# 99
54) 2,4-Dinitrophenol	14.825	184	68558	102.006	ng	97
55) Dibenzofuran	15.107	168	305621	49.882	ng	97
56) 4-Nitrophenol	14.937	139	33977	42.341	ng	87
57) 2,4-Dinitrotoluene	15.072	165	85168	56.507	ng	88
58) Fluorene	15.760	166	252971	51.451	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.342	232	77124	51.682	ng	99
60) Diethylphthalate	15.519	149	278844	52.890	ng	98
61) 4-Chlorophenyl-phenyle...	15.742	204	141229	51.476	ng	98
62) 4-Nitroaniline	15.777	138	58142	49.894	ng	97
63) Azobenzene	16.036	77	277612	51.422	ng	98
65) 4,6-Dinitro-2-methylph...	15.842	198	53364	51.488	ng	98
66) n-Nitrosodiphenylamine	15.959	169	229892	50.341	ng	100
67) 4-Bromophenyl-phenylether	16.641	248	102905	50.658	ng	96
68) Hexachlorobenzene	16.770	284	114286	51.371	ng	97
69) Atrazine	16.905	200	106393	55.341	ng	96
70) Pentachlorophenol	17.116	266	117745	97.216	ng	97
71) Phenanthrene	17.498	178	461115	52.138	ng	99
72) Anthracene	17.592	178	464375	53.419	ng	99
73) Carbazole	17.857	167	442092	51.890	ng	100
74) Di-n-butylphthalate	18.403	149	515960	53.847	ng	100
75) Fluoranthene	19.507	202	618449	54.005	ng	99
77) Benzidine	19.678	184	261798	65.477	ng	100
78) Pyrene	19.872	202	618707	51.521	ng	99
80) Butylbenzylphthalate	20.741	149	233977	53.134	ng	96
81) Benzo(a)anthracene	21.716	228	613308	51.835	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	125992	41.991	ng	98
83) Chrysene	21.787	228	558904	50.577	ng	98
84) Bis(2-ethylhexyl)phtha...	21.605	149	329206	54.164	ng	99
85) Di-n-octyl phthalate	22.832	149	552836	53.790	ng	99
87) Indeno(1,2,3-cd)pyrene	28.777	276	694683	50.855	ng	# 98
88) Benzo(b)fluoranthene	23.972	252	639775	55.108	ng	99
89) Benzo(k)fluoranthene	24.042	252	604567	52.995	ng	99
90) Benzo(a)pyrene	24.865	252	608235	61.554	ng	99
91) Dibenzo(a,h)anthracene	28.836	278	594923	52.854	ng	99
92) Benzo(g,h,i)perylene	29.952	276	595762	53.396	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

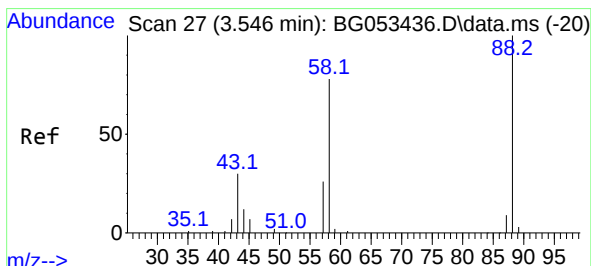
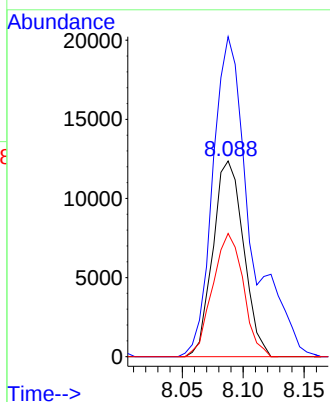
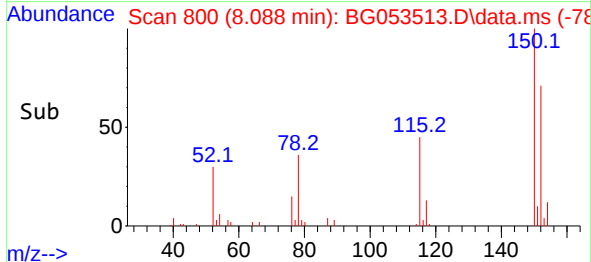
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



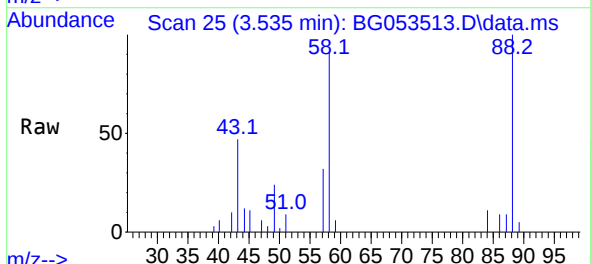
Tgt Ion:152 Resp: 21640
Ion Ratio Lower Upper
152 100
150 163.5 131.6 197.4
115 62.9 50.9 76.3

Manual Integrations
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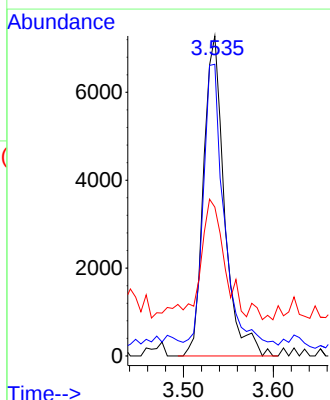
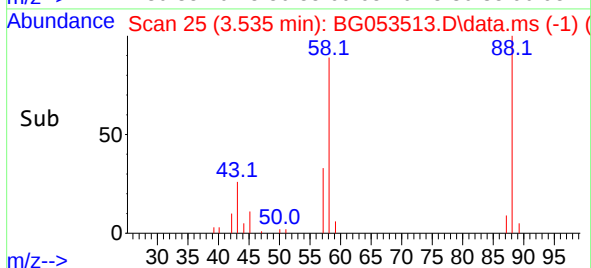
Reviewed By :Christian Giraldo 05/11/2022
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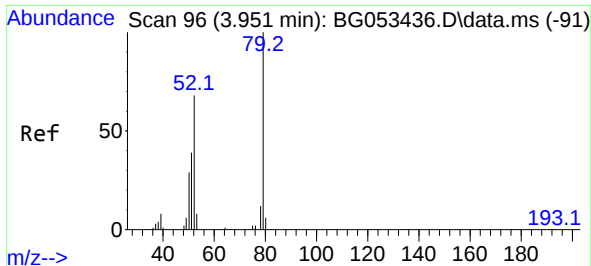


#2
1,4-Dioxane
Concen: 17.557 ng
RT: 3.535 min Scan# 25
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



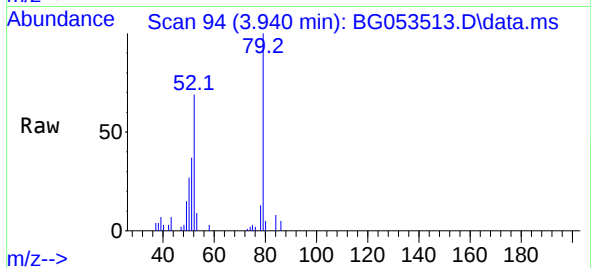
Tgt Ion: 88 Resp: 11746
Ion Ratio Lower Upper
88 100
58 86.9 59.2 88.8
43 38.6 24.3 36.5#





#3
Pyridine
Concen: 14.798 ng m
RT: 3.940 min Scan# 94
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

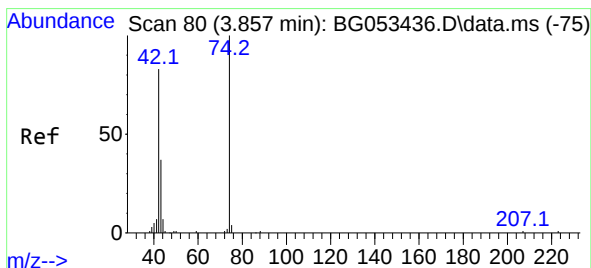
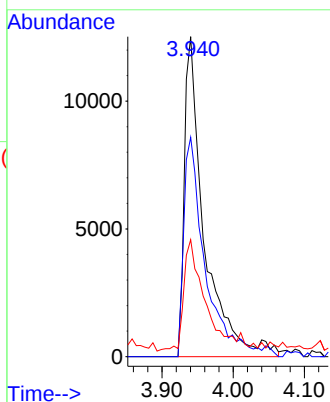
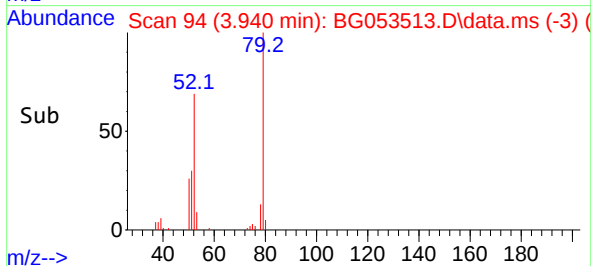
Instrument :
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ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 79 Resp: 24178
Ion Ratio Lower Upper
79 100
52 68.5 54.6 81.8
51 36.5 32.5 48.7

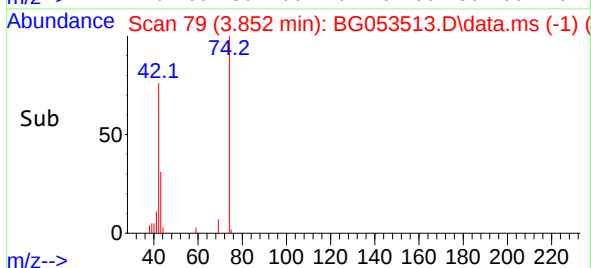
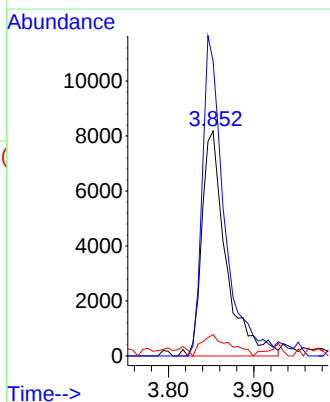
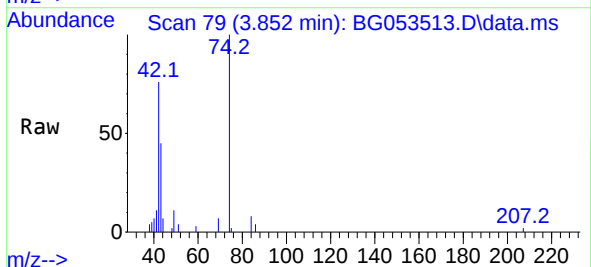
Manual Integrations
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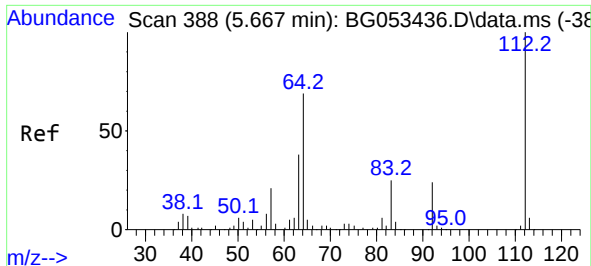
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#4
n-Nitrosodimethylamine
Concen: 20.089 ng
RT: 3.852 min Scan# 79
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

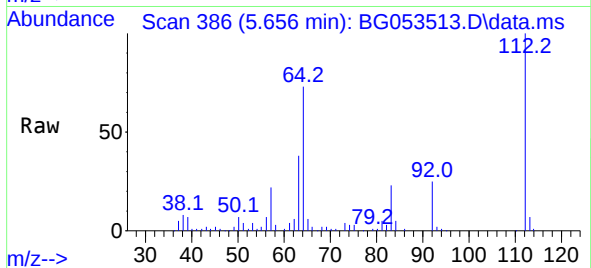
Tgt Ion: 42 Resp: 15989
Ion Ratio Lower Upper
42 100
74 131.0 97.0 145.4
44 9.5 7.0 10.4





#5
2-Fluorophenol
Concen: 62.003 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

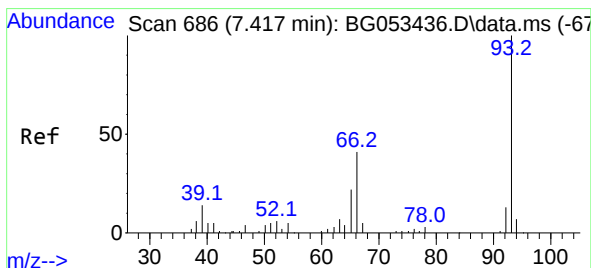
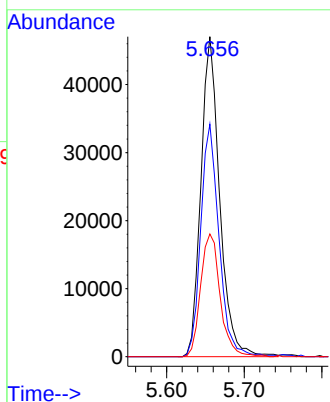


Tgt Ion:112 Resp: 79060

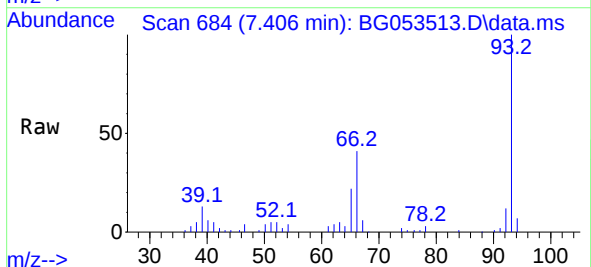
Ion	Ratio	Lower	Upper
112	100		
64	72.7	55.1	82.7
63	38.4	30.4	45.6

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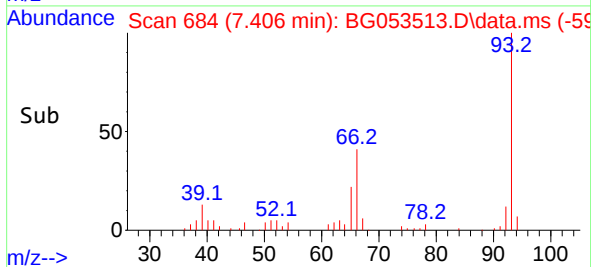
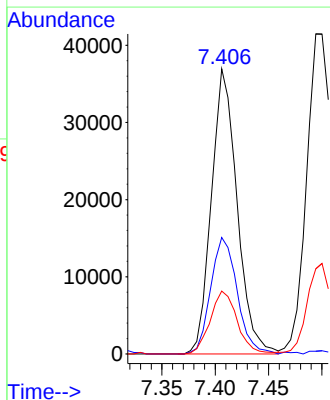


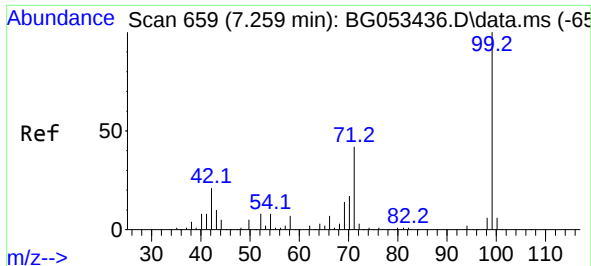
#6
Aniline
Concen: 28.888 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion: 93 Resp: 61917

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.9	49.3
65	22.1	17.8	26.8





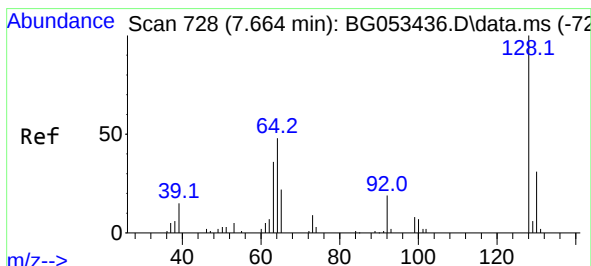
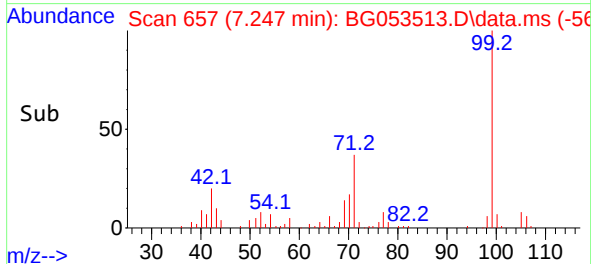
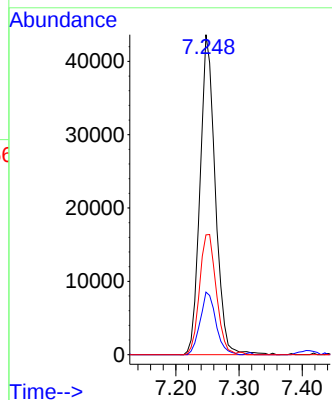
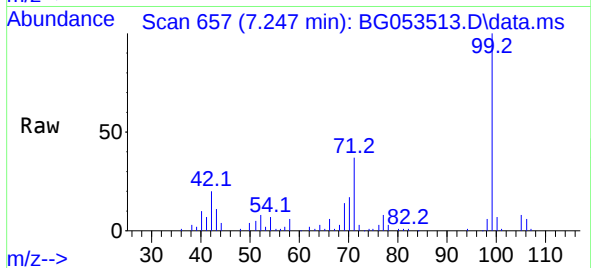
#7
Phenol-d6
Concen: 37.749 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
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MW-4-20220509MSD

Tgt Ion: 99 Resp: 73050
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 37.4 33.8 50.8

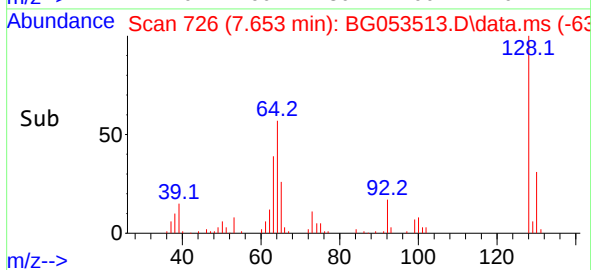
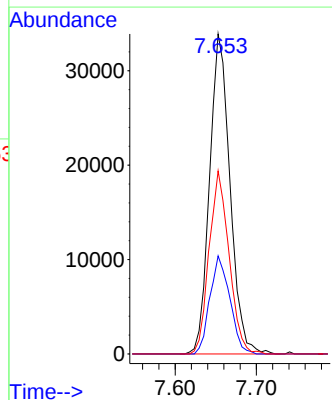
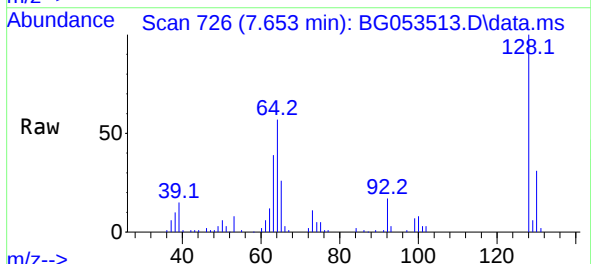
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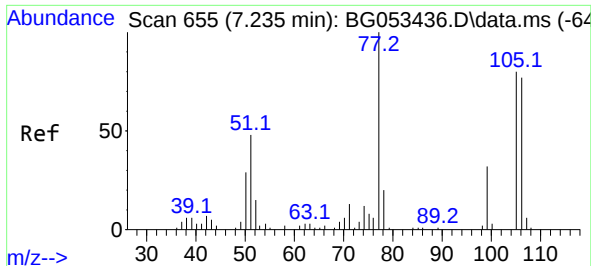
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#8
2-Chlorophenol
Concen: 44.399 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Tgt Ion:128 Resp: 59183
Ion Ratio Lower Upper
128 100
130 30.7 10.5 50.5
64 57.2 35.1 75.1





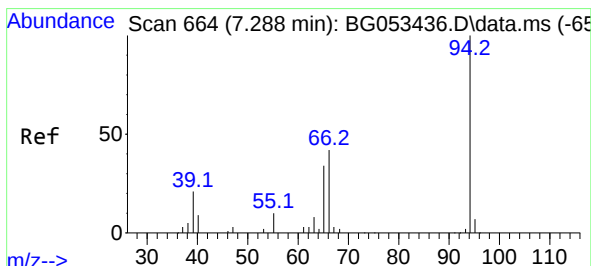
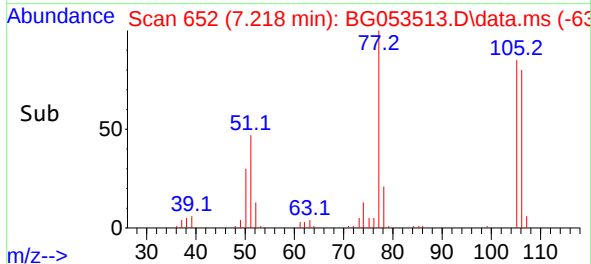
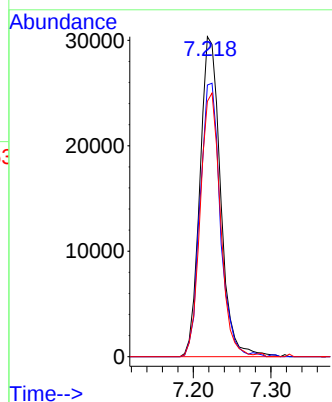
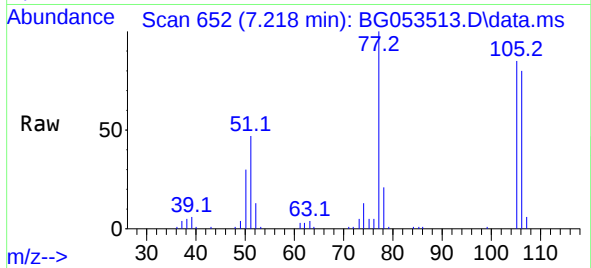
#9
Benzaldehyde
Concen: 45.496 ng m
RT: 7.218 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 55932
Ion Ratio Lower Upper
77 100
105 84.9 59.6 99.6
106 79.8 56.8 96.8

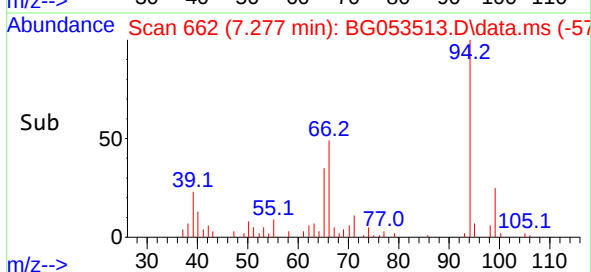
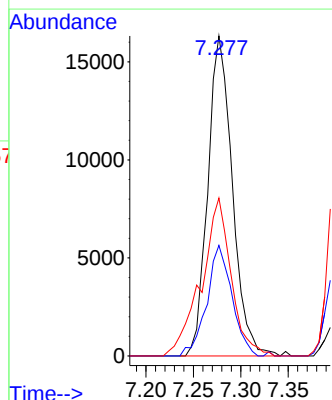
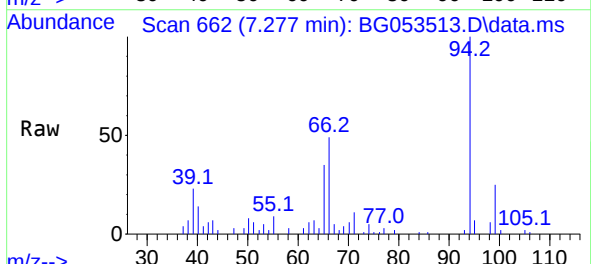
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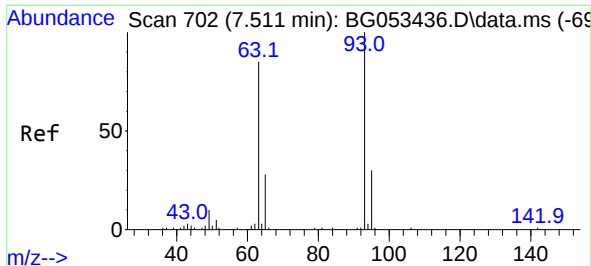
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#10
Phenol
Concen: 15.511 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Tgt Ion: 94 Resp: 29357
Ion Ratio Lower Upper
94 100
65 34.6 14.8 54.8
66 49.4 25.2 65.2





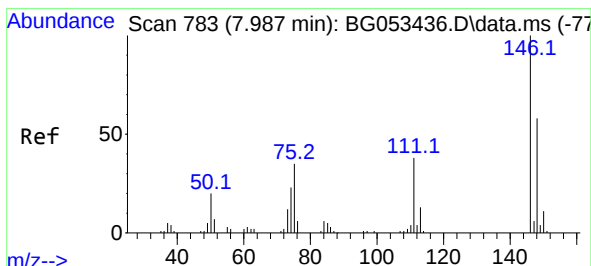
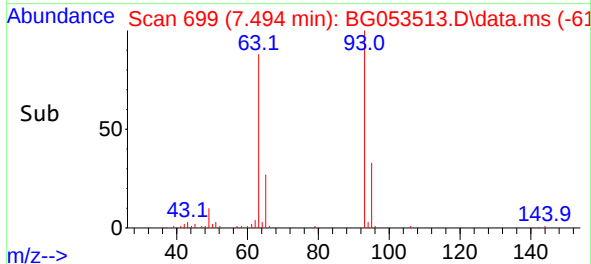
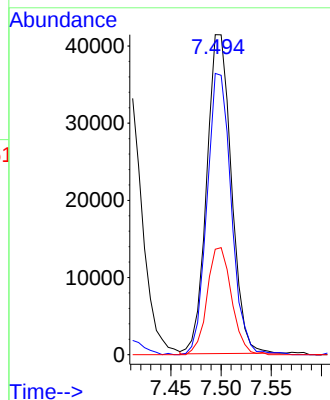
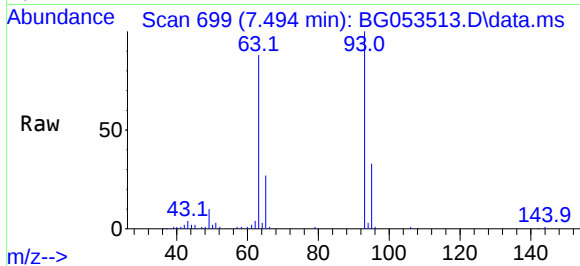
#11
bis(2-Chloroethyl)ether
Concen: 50.327 ng
RT: 7.494 min Scan# 699
Delta R.T. -0.008 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

Tgt Ion: 93 Resp: 71039
Ion Ratio Lower Upper
93 100
63 87.9 63.6 103.6
95 32.9 10.1 50.1

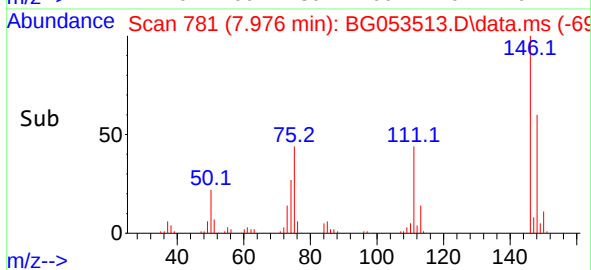
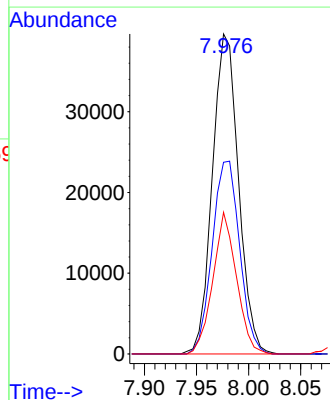
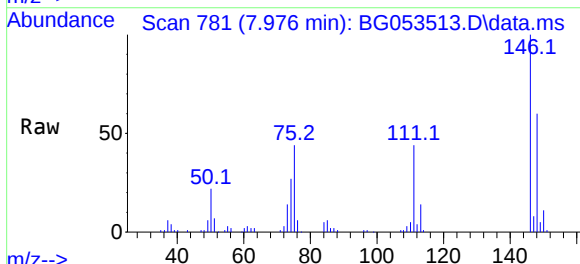
Manual Integrations
APPROVED

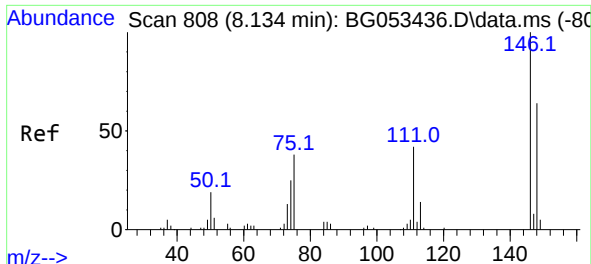
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#12
1,3-Dichlorobenzene
Concen: 43.967 ng m
RT: 7.976 min Scan# 781
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

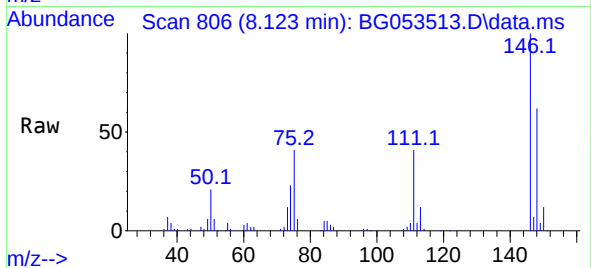
Tgt Ion:146 Resp: 69140
Ion Ratio Lower Upper
146 100
148 59.9 46.1 69.1
75 44.3 27.6 41.4#





#13
1,4-Dichlorobenzene
Concen: 45.172 ng
RT: 8.123 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

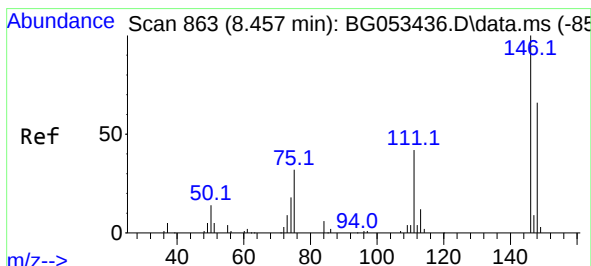
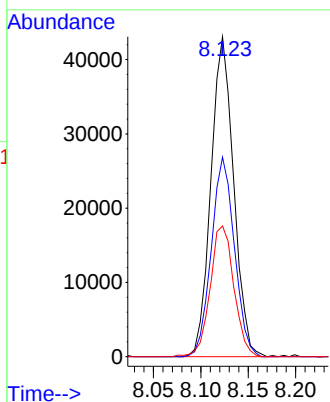
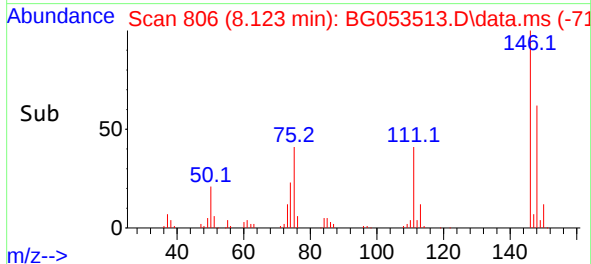
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



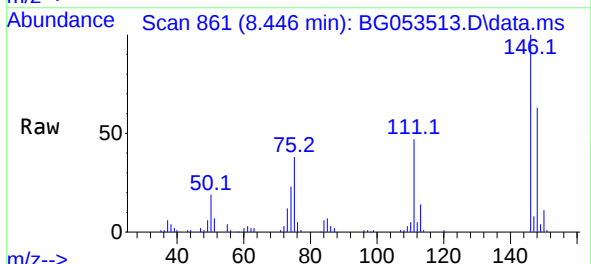
Tgt Ion:146 Resp: 71682
Ion Ratio Lower Upper
146 100
148 62.3 51.5 77.3
111 40.8 33.9 50.9

Manual Integrations
APPROVED

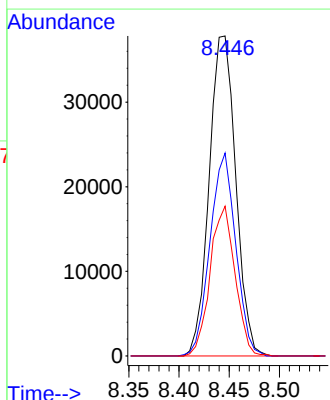
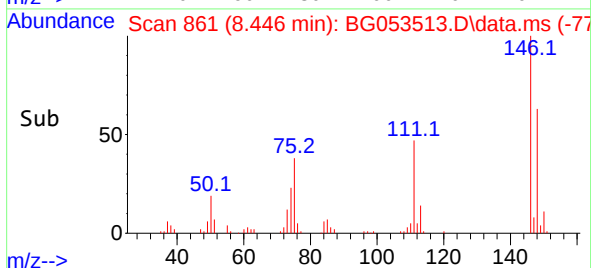
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

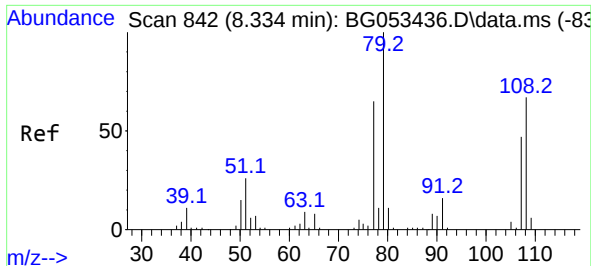


#14
1,2-Dichlorobenzene
Concen: 46.777 ng
RT: 8.446 min Scan# 861
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



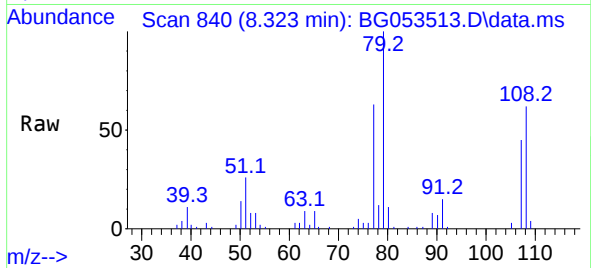
Tgt Ion:146 Resp: 69704
Ion Ratio Lower Upper
146 100
148 63.4 52.6 78.8
111 46.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 31.032 ng m
RT: 8.323 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

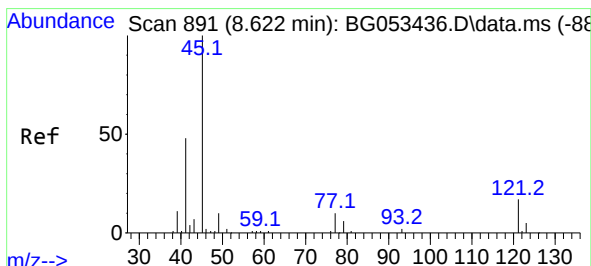
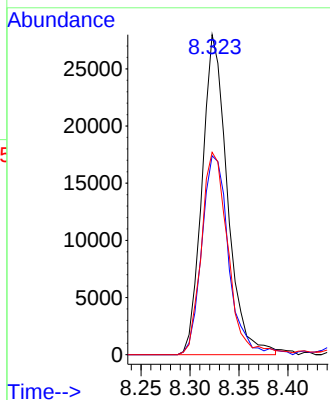
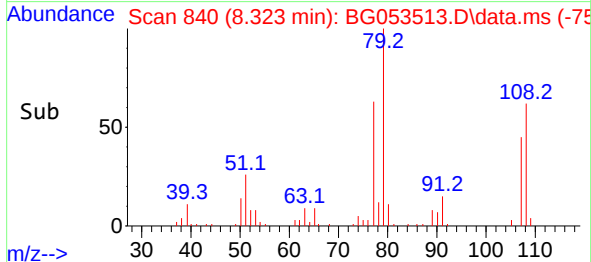
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



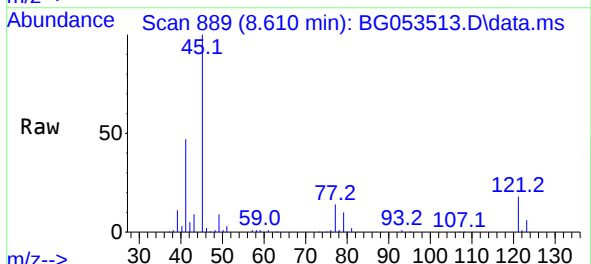
Tgt Ion: 79 Resp: 50200
Ion Ratio Lower Upper
79 100
108 62.1 53.7 80.5
77 63.3 52.2 78.4

Manual Integrations
APPROVED

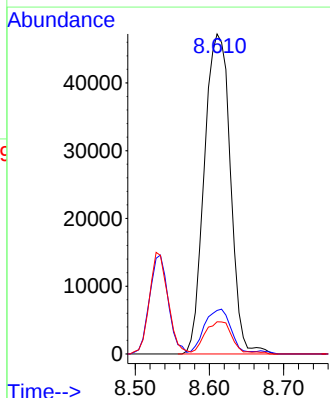
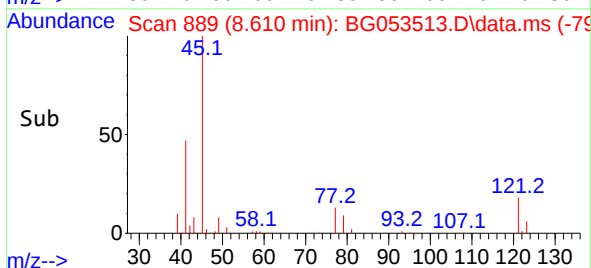
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

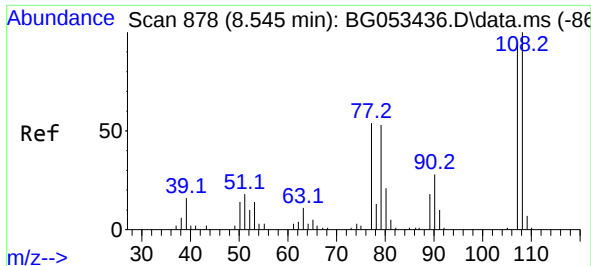


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.036 ng
RT: 8.610 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



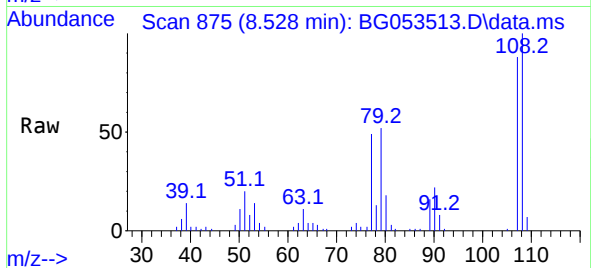
Tgt Ion: 45 Resp: 114950
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.7
79 10.1 0.0 29.7





#17
2-Methylphenol
Concen: 35.034 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

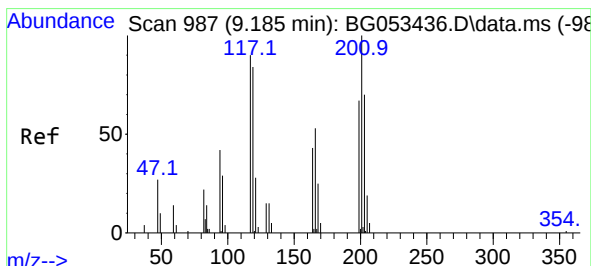
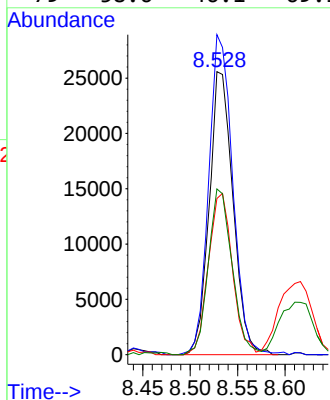
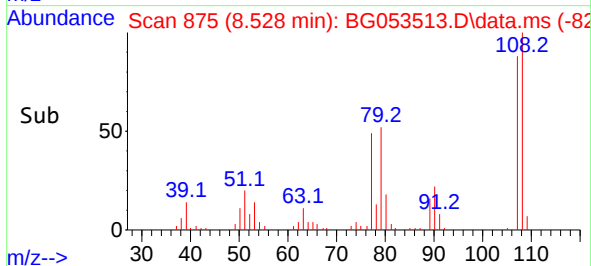
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



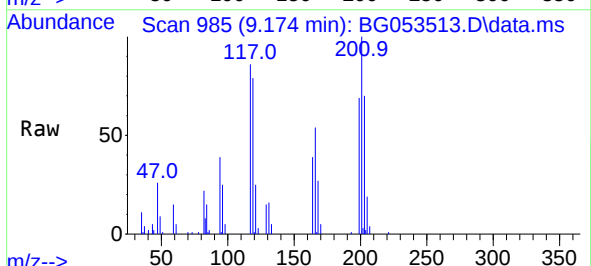
Tgt Ion:107 Resp: 44810
Ion Ratio Lower Upper
107 100
108 113.1 85.4 128.0
77 55.2 46.2 69.2
79 58.6 46.1 69.2

Manual Integrations
APPROVED

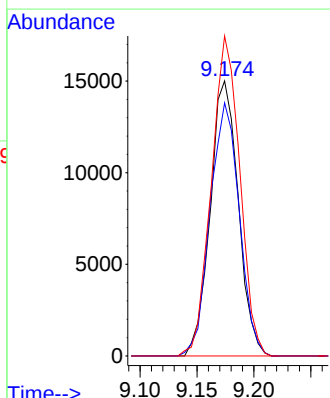
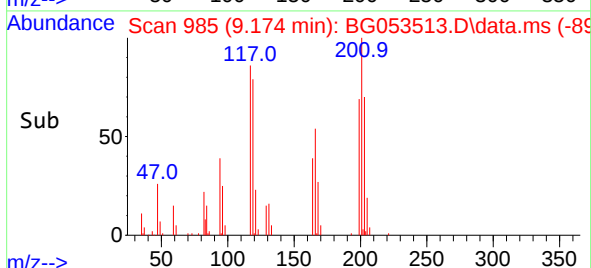
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

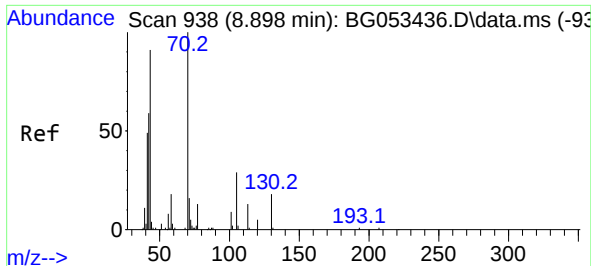


#18
Hexachloroethane
Concen: 42.699 ng
RT: 9.174 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



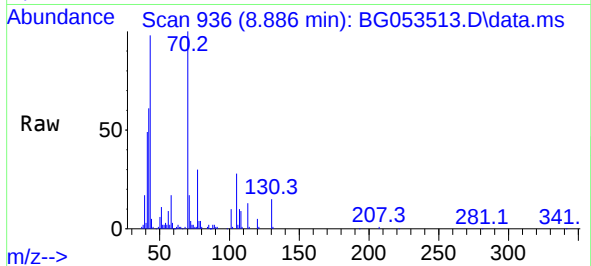
Tgt Ion:117 Resp: 25731
Ion Ratio Lower Upper
117 100
119 92.0 75.0 112.6
201 116.3 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.897 ng
RT: 8.886 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

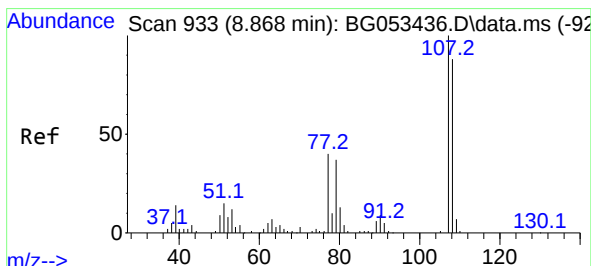
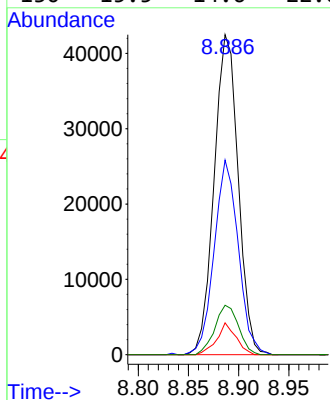
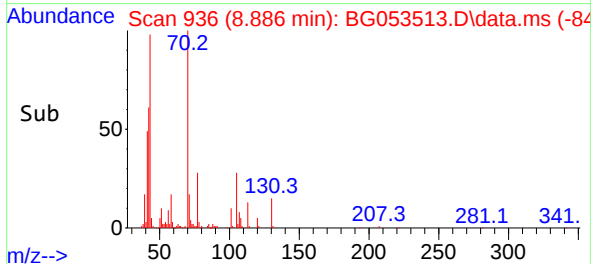
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



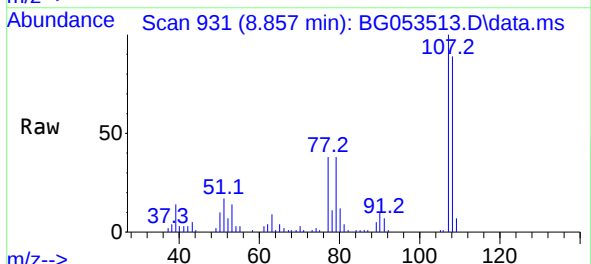
Tgt Ion: 70 Resp: 7066
Ion Ratio Lower Upper
70 100
42 60.8 47.3 70.9
101 10.0 7.0 10.4
130 15.5 14.6 22.0

Manual Integrations
APPROVED

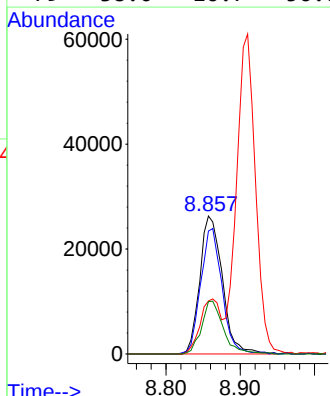
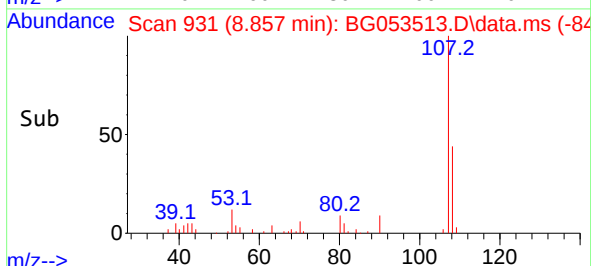
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

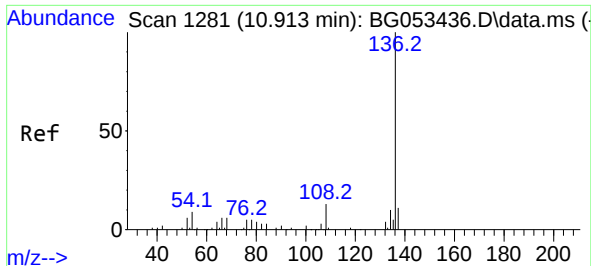


#20
3+4-Methylphenols
Concen: 30.794 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



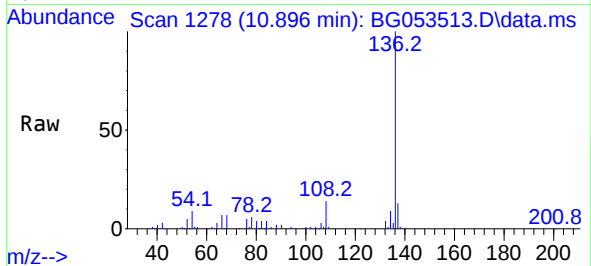
Tgt Ion:107 Resp: 55634
Ion Ratio Lower Upper
107 100
108 89.1 67.5 107.5
77 38.4 20.3 60.3
79 38.0 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1082
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

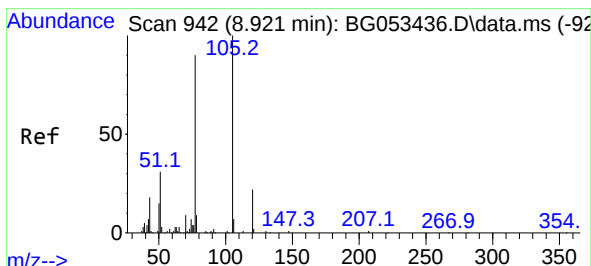
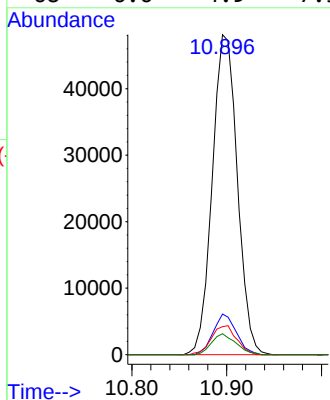
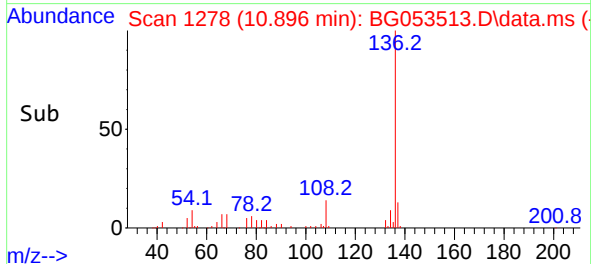
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



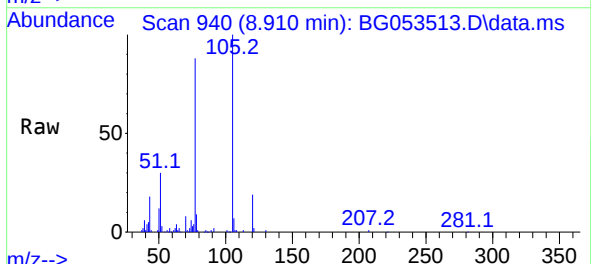
Tgt Ion:	136	Resp:	8828
Ion Ratio	Lower	Upper	
136	100		
137	12.7	8.5	12.7
54	8.8	7.4	11.2
68	6.6	4.9	7.3

Manual Integrations
APPROVED

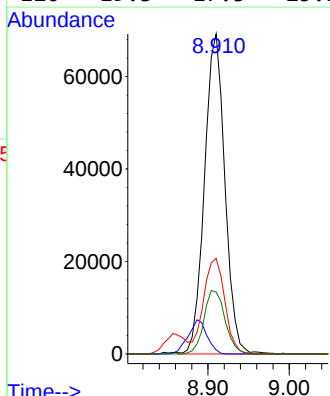
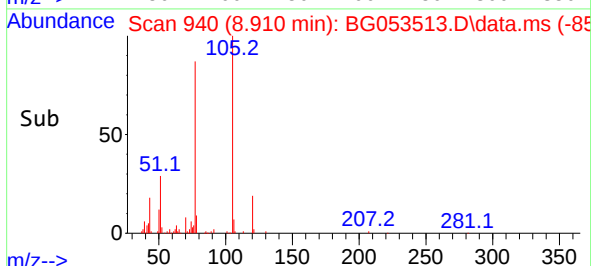
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

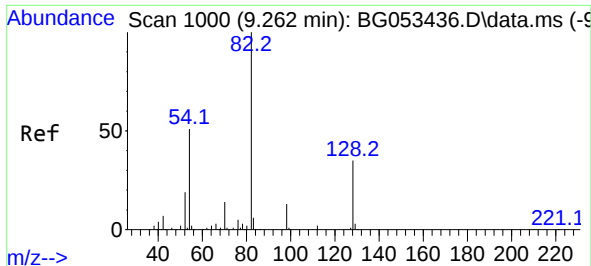


#22
Acetophenone
Concen: 49.855 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:	105	Resp:	120465
Ion Ratio	Lower	Upper	
105	100		
71	1.3	1.1	1.7
51	29.8	25.4	38.0
120	19.3	17.3	25.9





#23

Nitrobenzene-d5

Concen: 90.942 ng

RT: 9.251 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG053513.D

Acq: 10 May 2022 18:18

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MSD

Tgt Ion: 82 Resp: 188610

Ion Ratio Lower Upper

82 100

128 34.3 27.9 41.9

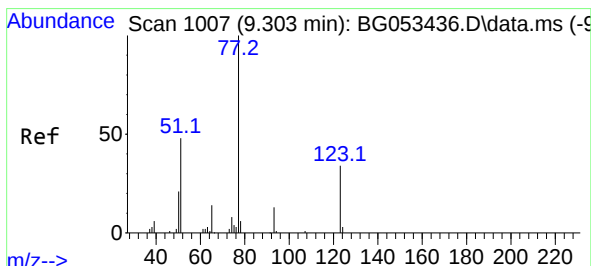
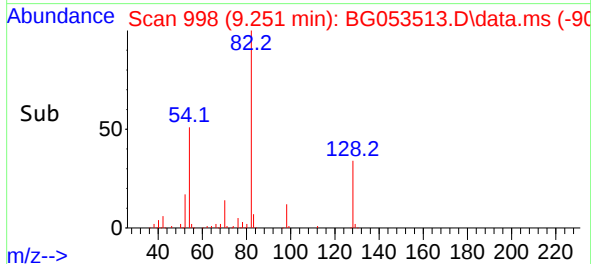
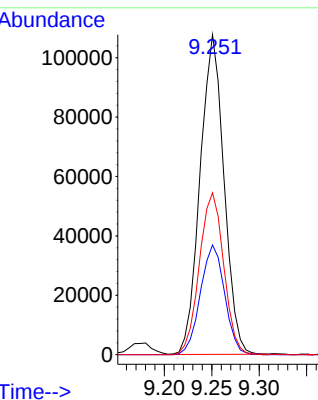
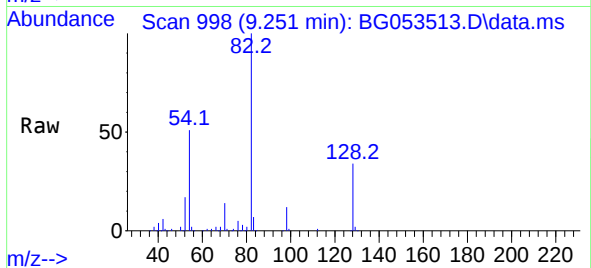
54 50.6 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#24

Nitrobenzene

Concen: 51.881 ng

RT: 9.292 min Scan# 1005

Delta R.T. -0.002 min

Lab File: BG053513.D

Acq: 10 May 2022 18:18

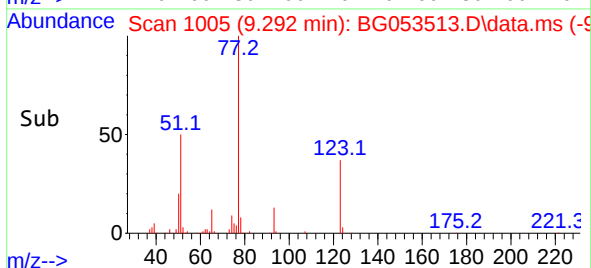
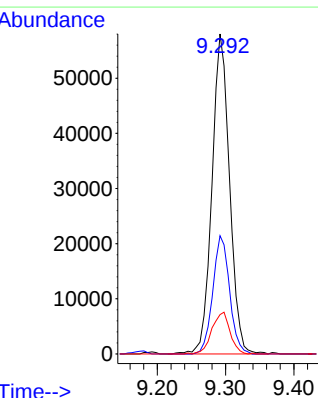
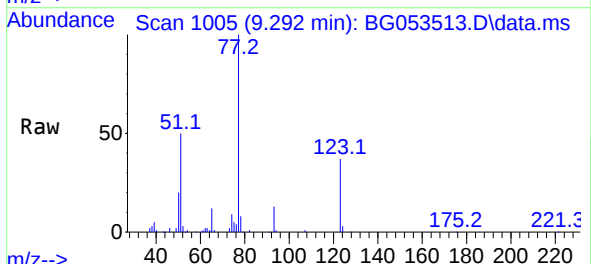
Tgt Ion: 77 Resp: 104146

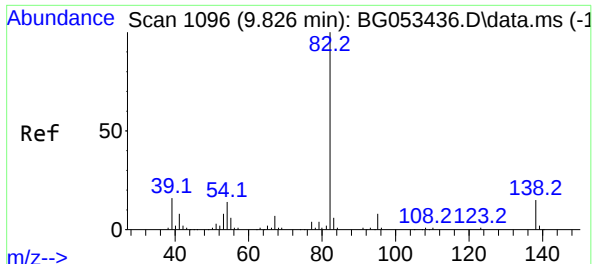
Ion Ratio Lower Upper

77 100

123 36.9 27.4 41.0

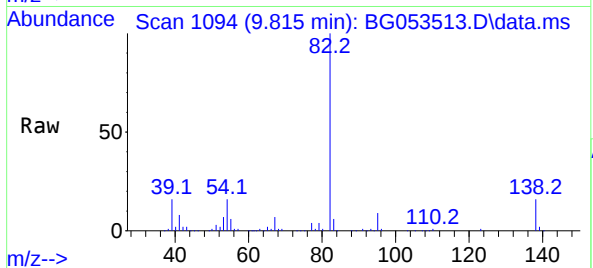
65 12.3 11.4 17.0





#25
Isophorone
Concen: 54.854 ng
RT: 9.815 min Scan# 1094
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

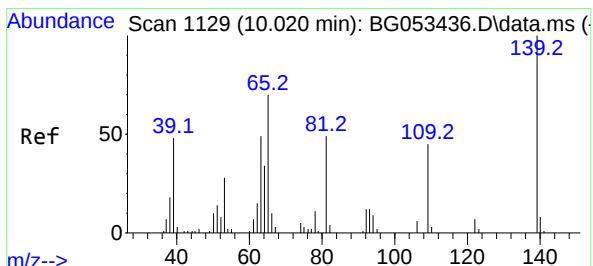
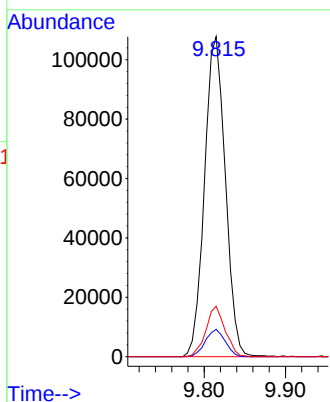
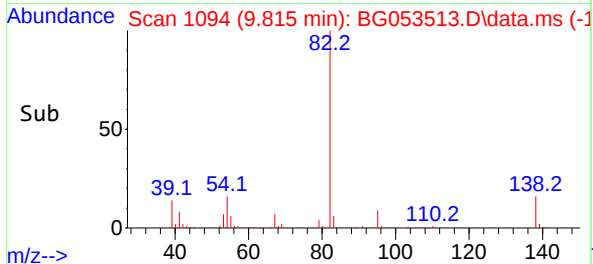
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



Tgt Ion: 82 Resp: 191468
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 15.8 11.6 17.4

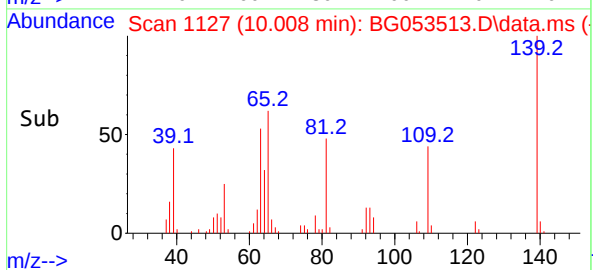
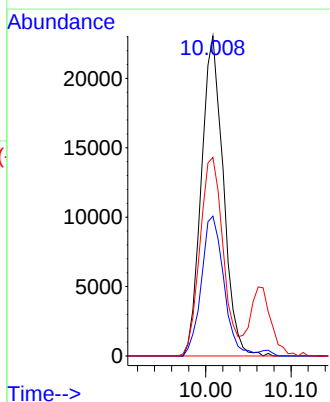
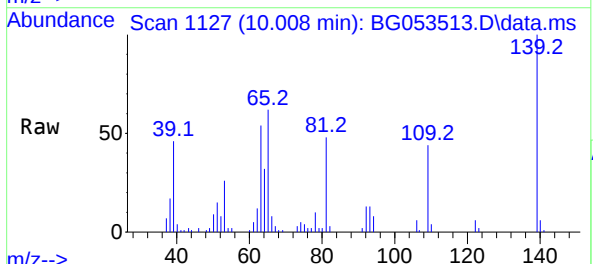
Manual Integrations
APPROVED

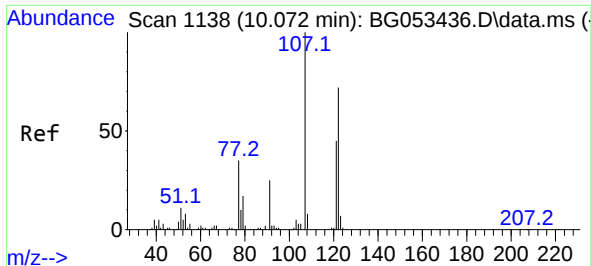
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#26
2-Nitrophenol
Concen: 50.556 ng
RT: 10.008 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

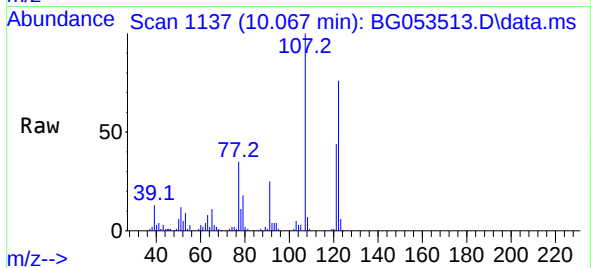
Tgt Ion:139 Resp: 41104
Ion Ratio Lower Upper
139 100
109 43.7 36.1 54.1
65 62.1 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 51.163 ng
RT: 10.067 min Scan# 1137
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

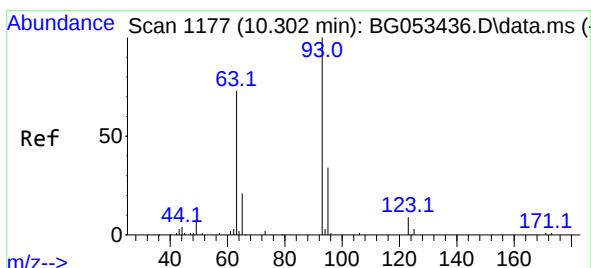
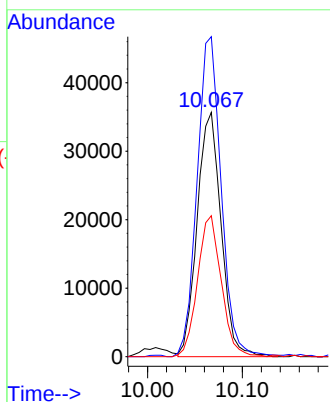
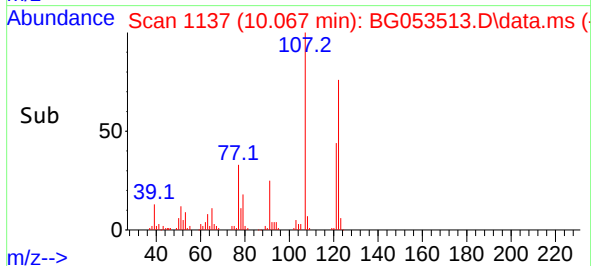
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



Tgt Ion:122 Resp: 6260
Ion Ratio Lower Upper
122 100
107 131.0 109.4 164.0
121 57.7 48.7 73.1

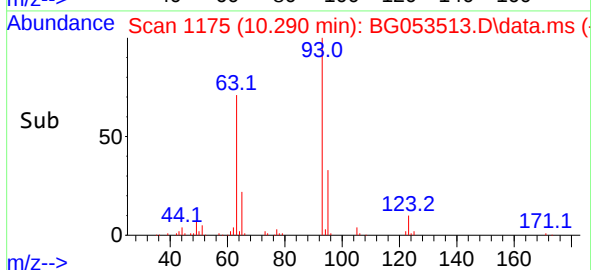
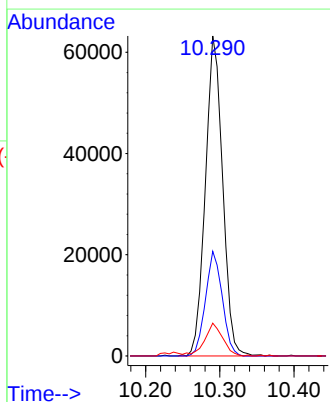
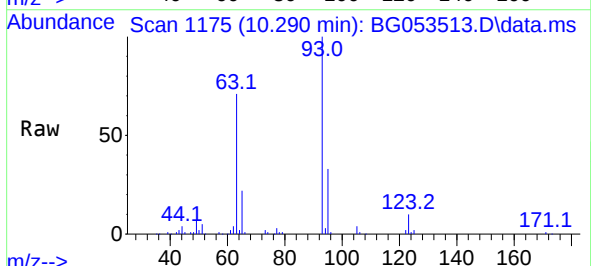
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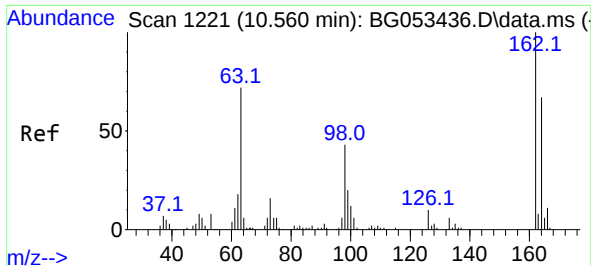
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.851 ng
RT: 10.290 min Scan# 1175
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Tgt Ion: 93 Resp: 102083
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 10.2 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 49.418 ng

RT: 10.549 min Scan# 1219

Delta R.T. -0.002 min

Lab File: BG053513.D

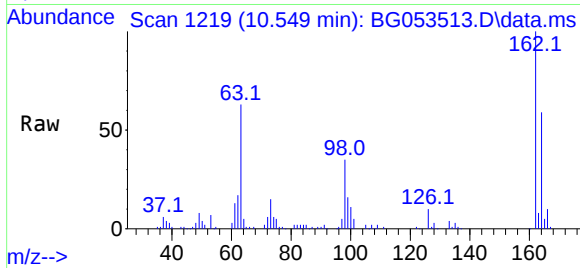
Acq: 10 May 2022 18:18

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MSD



Tgt Ion:162 Resp: 7297

Ion Ratio Lower Upper

162 100

164 59.5 46.6 86.6

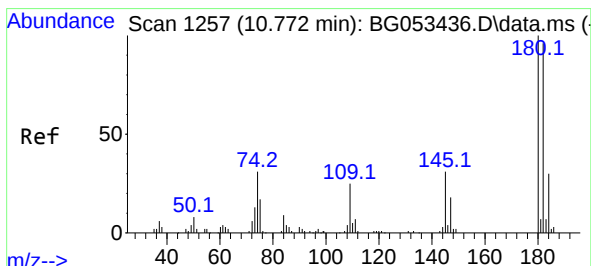
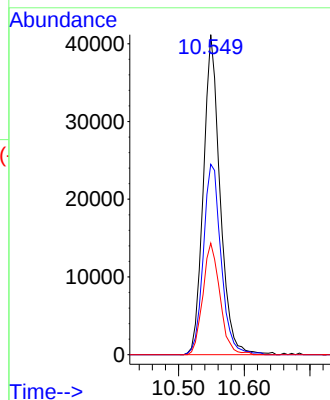
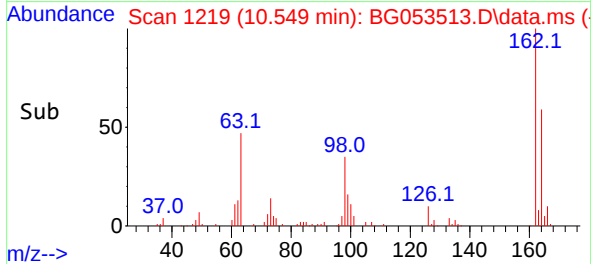
98 34.9 22.8 62.8

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Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.549 ng

RT: 10.760 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053513.D

Acq: 10 May 2022 18:18

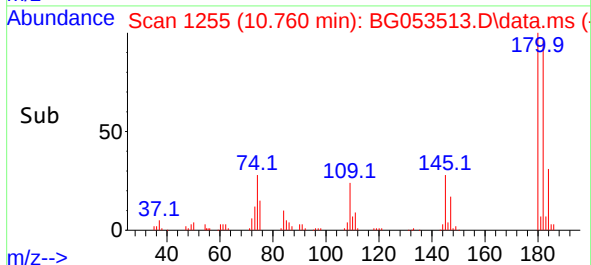
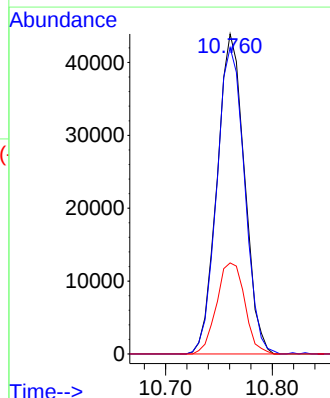
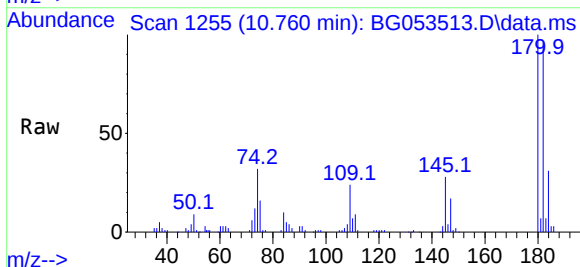
Tgt Ion:180 Resp: 78101

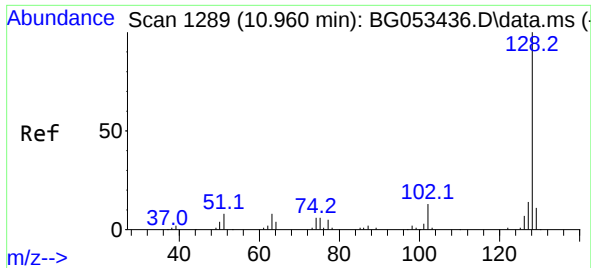
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

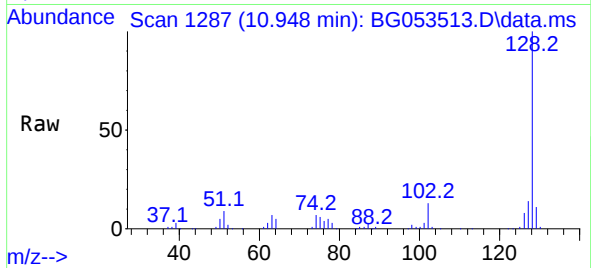
145 28.4 25.0 37.4





#31
Naphthalene
Concen: 47.944 ng
RT: 10.948 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

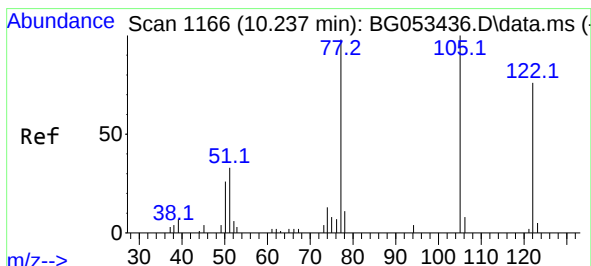
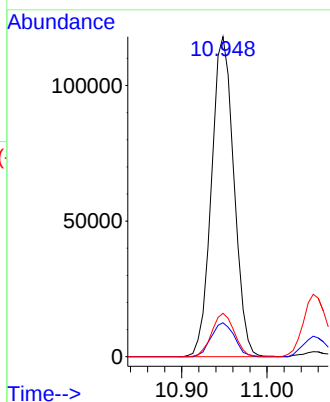
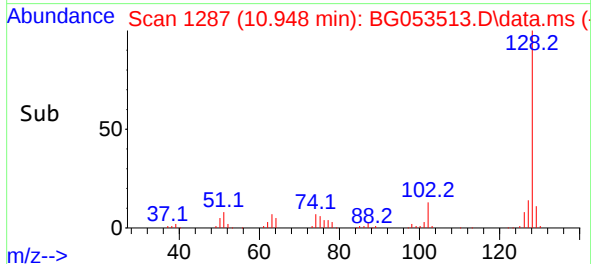
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



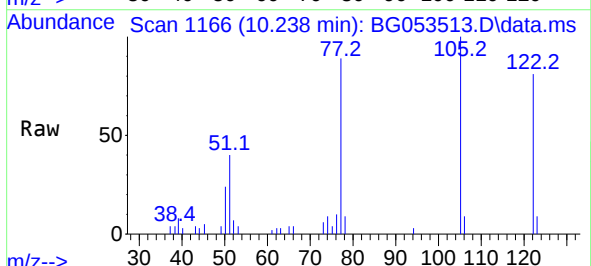
Tgt Ion:128 Resp: 215310
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.5 11.1 16.7

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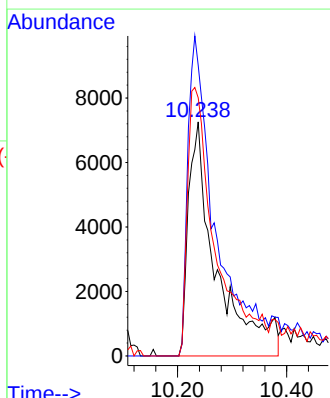
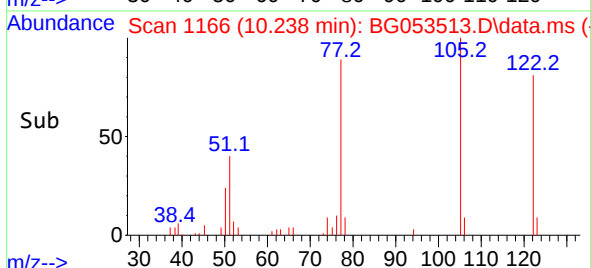
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

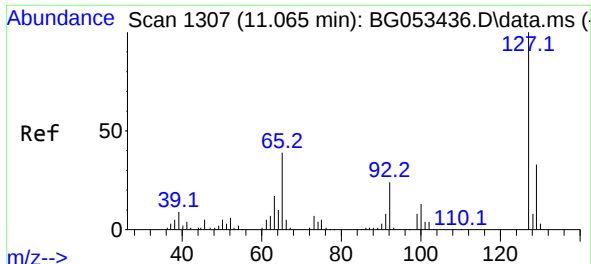


#32
Benzoic acid
Concen: 36.199 ng m
RT: 10.238 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



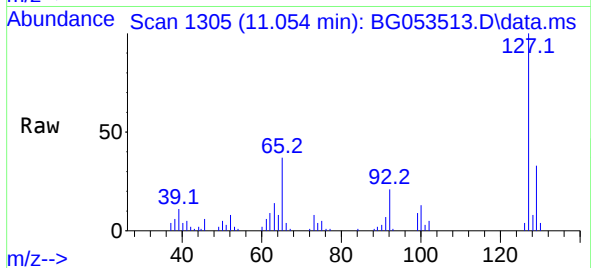
Tgt Ion:122 Resp: 25748
Ion Ratio Lower Upper
122 100
105 124.2 111.8 151.8
77 110.3 109.4 149.4





#33
4-Chloroaniline
Concen: 24.799 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

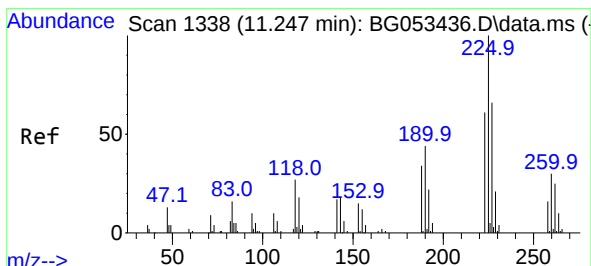
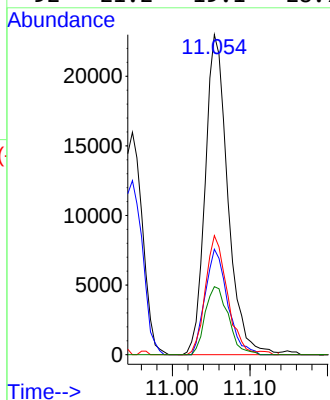
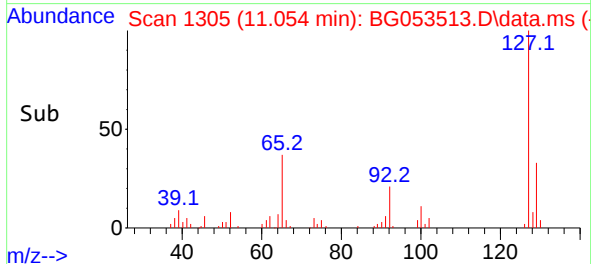


Tgt Ion:127 Resp: 4664

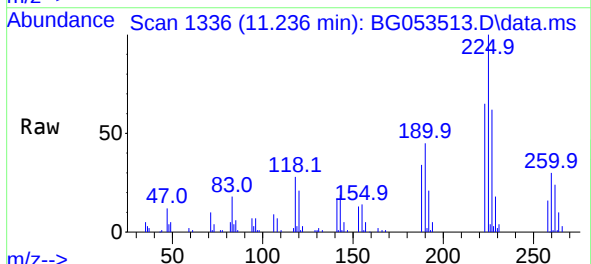
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	37.2	31.1	46.7
92	21.2	19.1	28.7

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Supervised By :Jagrut Upadhyay 05/11/2022

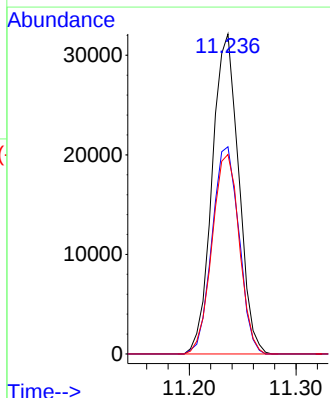
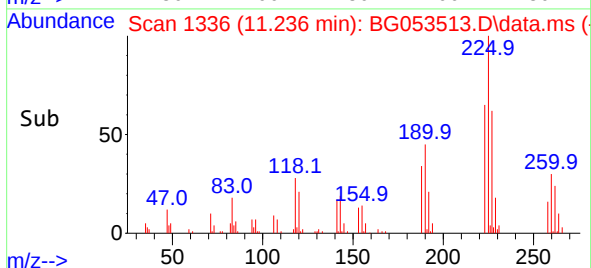


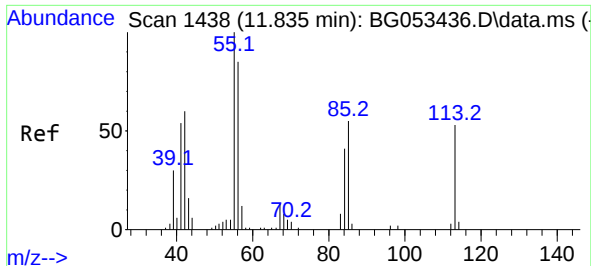
#34
Hexachlorobutadiene
Concen: 44.563 ng
RT: 11.236 min Scan# 1336
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:225 Resp: 55443

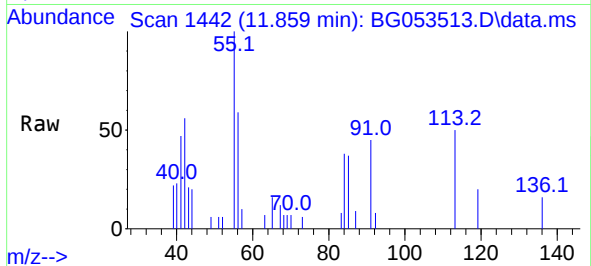
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.9	73.3
227	62.3	52.8	79.2





#35
Caprolactam
Concen: 6.863 ng m
RT: 11.859 min Scan# 1438
Delta R.T. 0.028 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

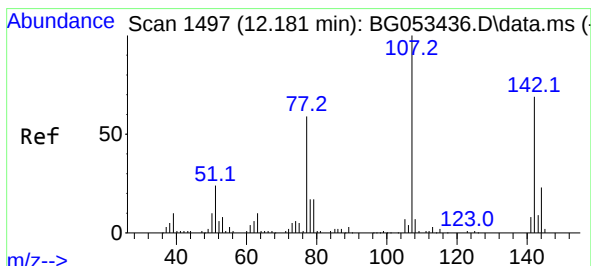
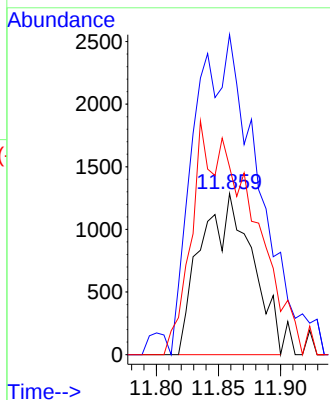
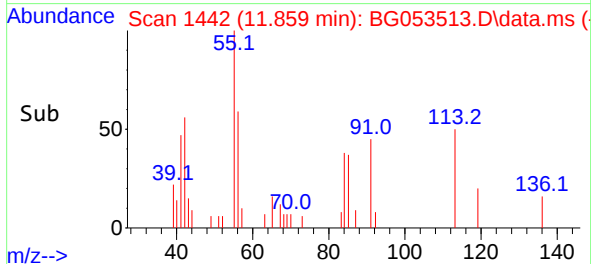
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



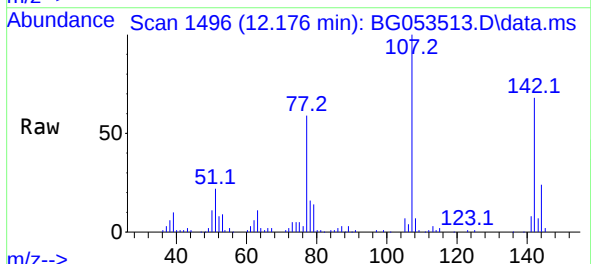
Tgt Ion:113 Resp: 368
Ion Ratio Lower Upper
113 100
55 198.7 169.8 209.8
56 116.5 141.2 181.2

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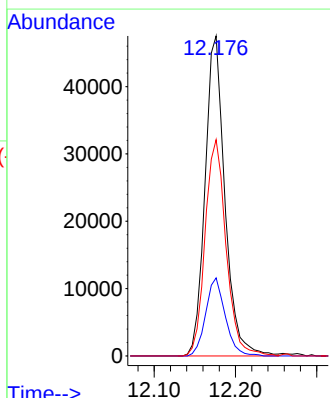
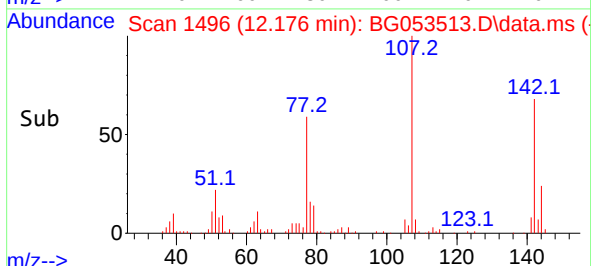
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

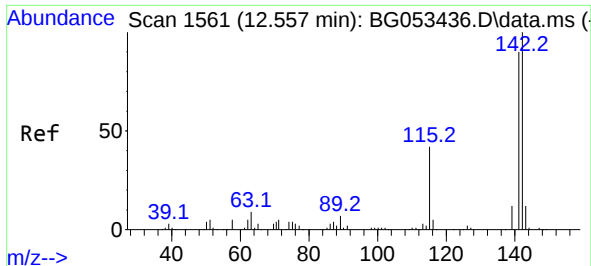


#36
4-Chloro-3-methylphenol
Concen: 45.725 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



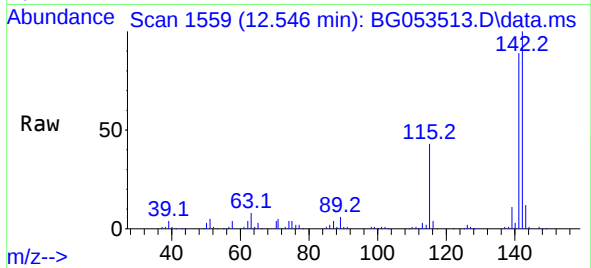
Tgt Ion:107 Resp: 80769
Ion Ratio Lower Upper
107 100
144 24.4 18.5 27.7
142 67.6 55.0 82.4





#37
2-Methylnaphthalene
Concen: 48.546 ng
RT: 12.546 min Scan# 1559
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

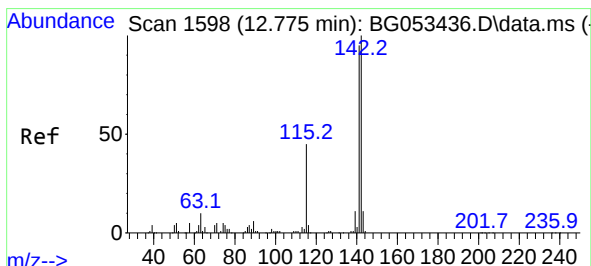
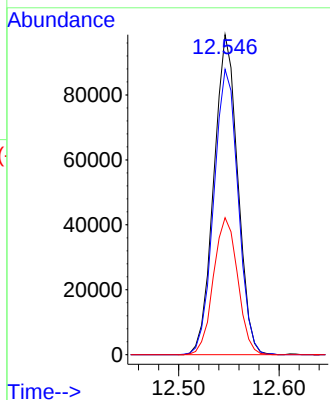
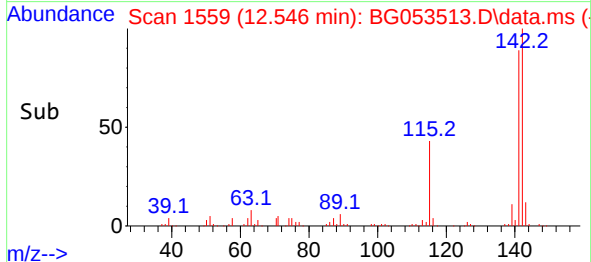
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



Tgt Ion:142 Resp: 162704
Ion Ratio Lower Upper
142 100
141 89.2 72.3 108.5
115 42.8 33.7 50.5

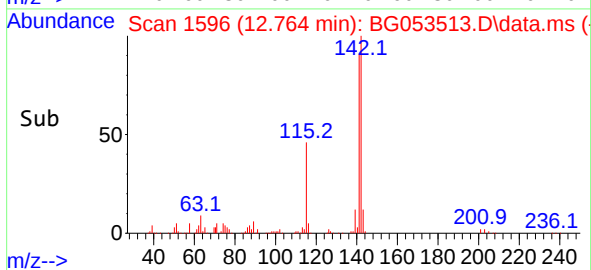
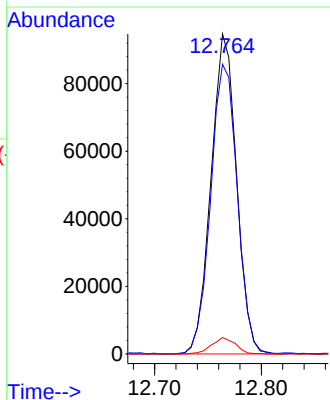
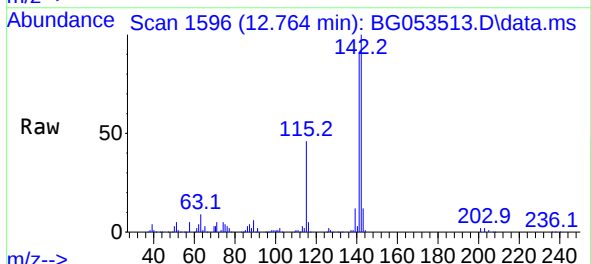
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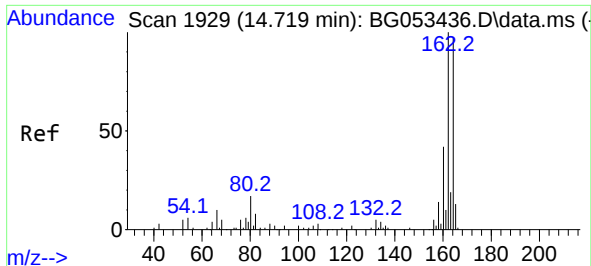
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#38
1-Methylnaphthalene
Concen: 48.053 ng m
RT: 12.764 min Scan# 1596
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

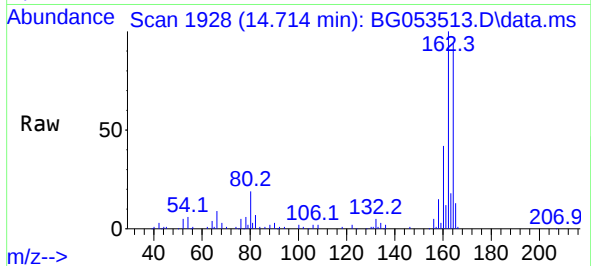
Tgt Ion:142 Resp: 157130
Ion Ratio Lower Upper
142 100
141 90.5 76.4 114.6
116 5.2 3.3 4.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

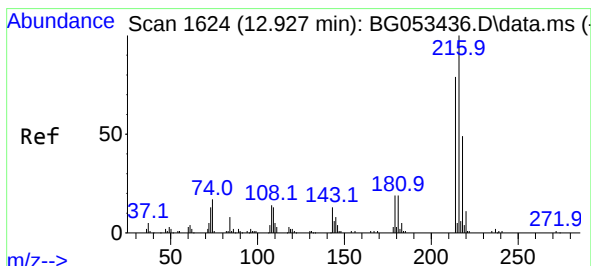
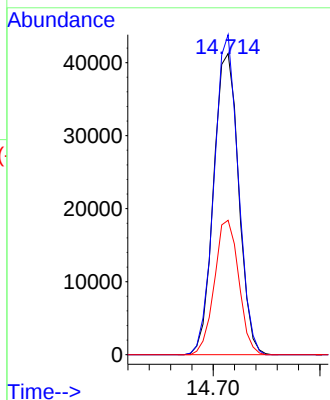
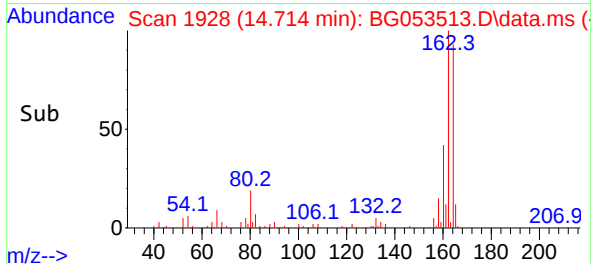
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



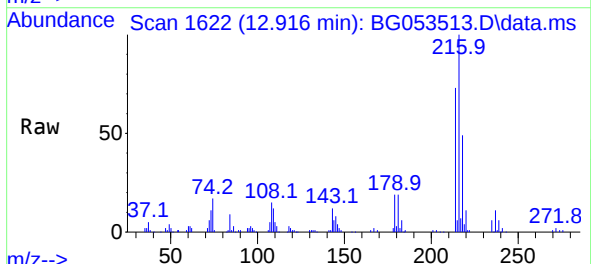
Tgt Ion:164 Resp: 67164
Ion Ratio Lower Upper
164 100
162 106.2 82.3 123.5
160 44.6 34.2 51.2

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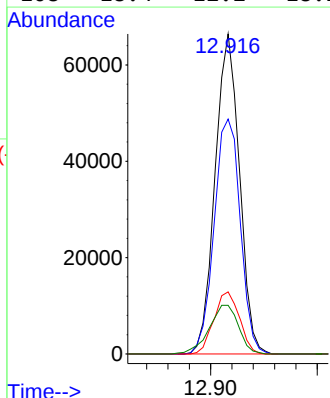
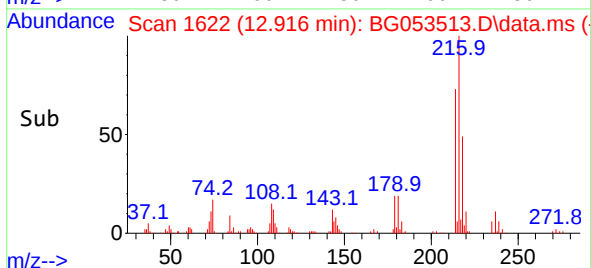
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

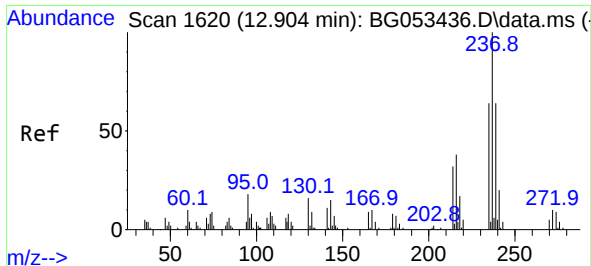


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.760 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



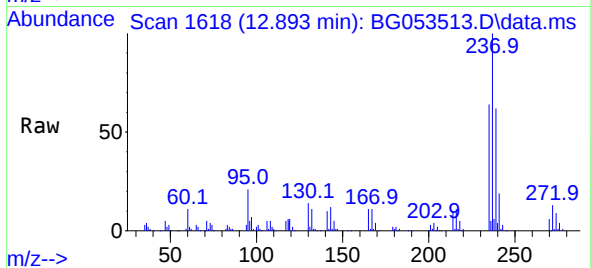
Tgt Ion:216 Resp: 105347
Ion Ratio Lower Upper
216 100
214 78.7 62.9 94.3
179 20.3 16.1 24.1
108 18.4 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 102.858 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

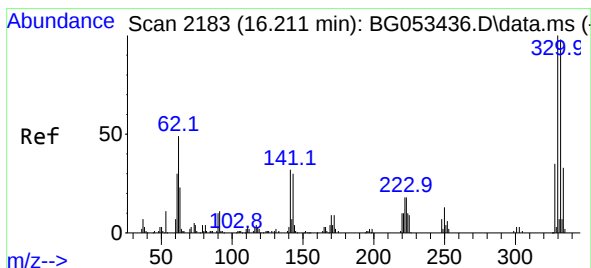
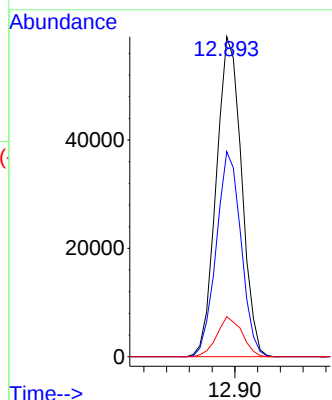
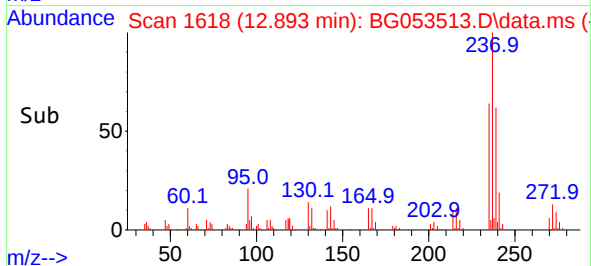
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



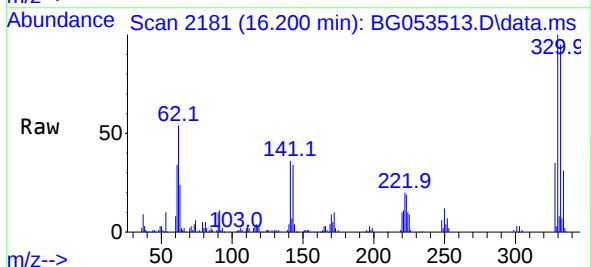
Tgt Ion:237 Resp: 91140
Ion Ratio Lower Upper
237 100
235 64.1 43.5 83.5
272 12.5 0.0 30.1

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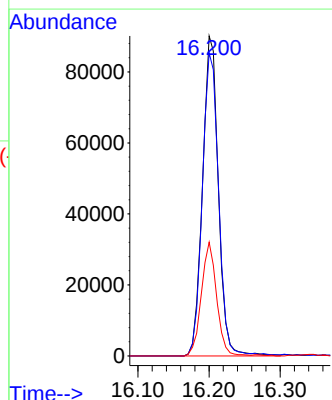
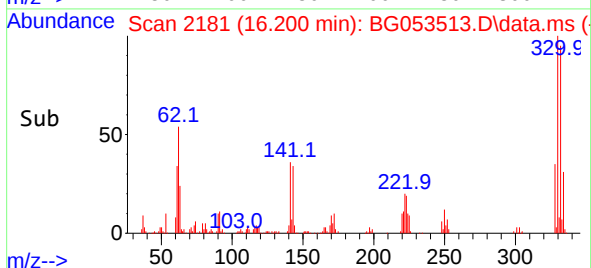
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

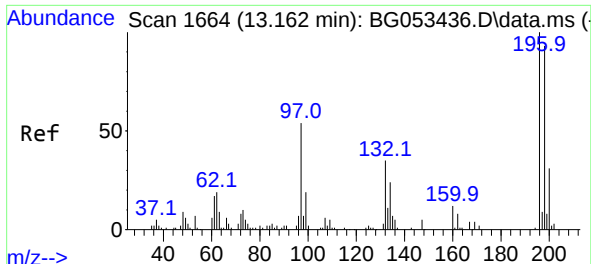


#42
2,4,6-Tribromophenol
Concen: 141.151 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:330 Resp: 139823
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 34.2 27.1 40.7





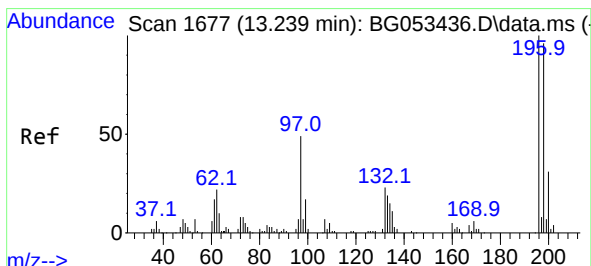
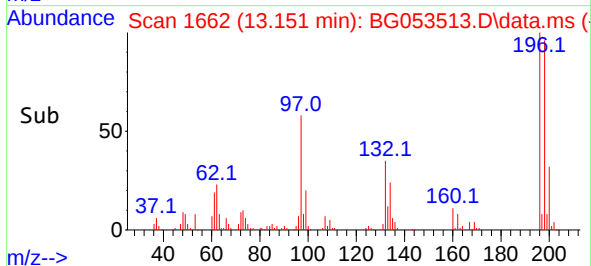
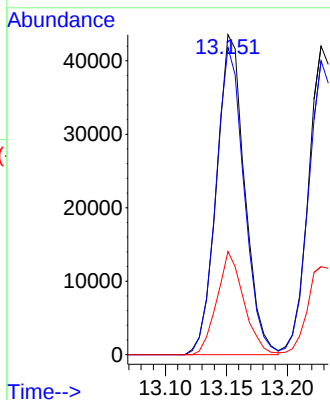
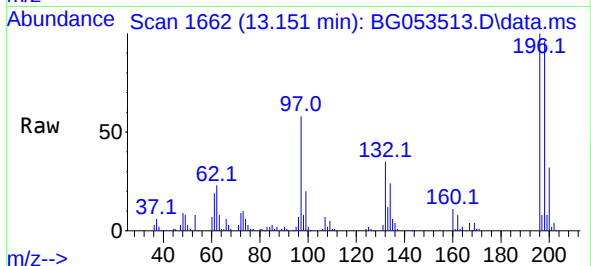
#43
2,4,6-Trichlorophenol
Concen: 50.625 ng
RT: 13.151 min Scan# 1662
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:196 Resp: 6996
Ion Ratio Lower Upper
196 100
198 96.0 74.1 111.1
200 32.3 24.7 37.1

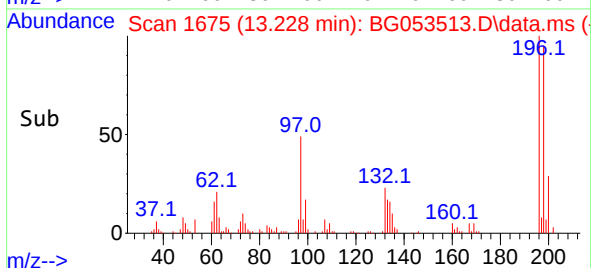
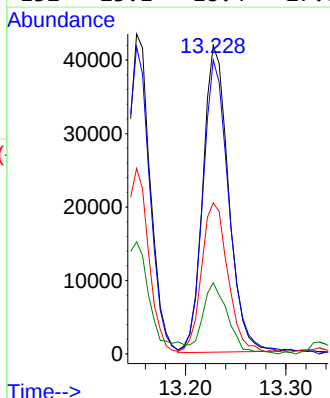
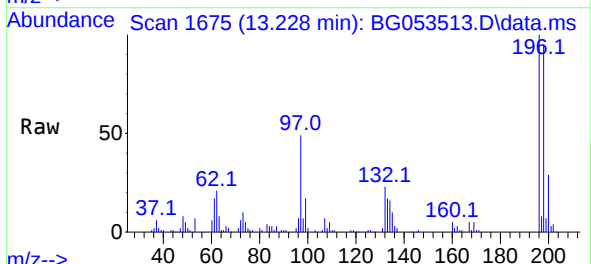
Manual Integrations
APPROVED

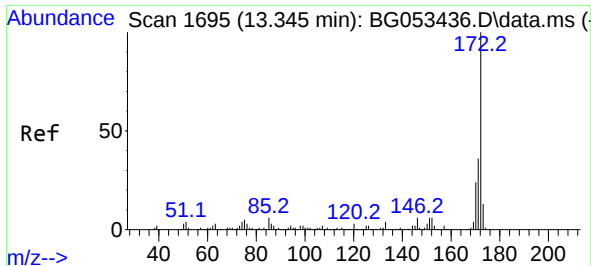
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#44
2,4,5-Trichlorophenol
Concen: 50.383 ng
RT: 13.228 min Scan# 1675
Delta R.T. -0.008 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Tgt Ion:196 Resp: 74102
Ion Ratio Lower Upper
196 100
198 95.2 76.8 115.2
97 48.9 39.8 59.6
132 23.1 18.4 27.6





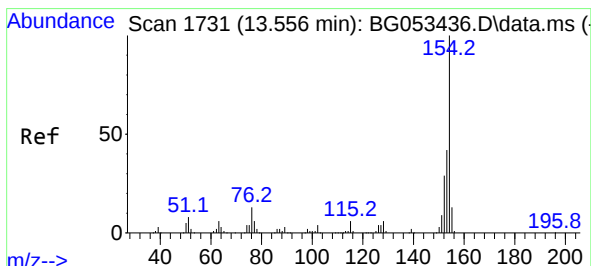
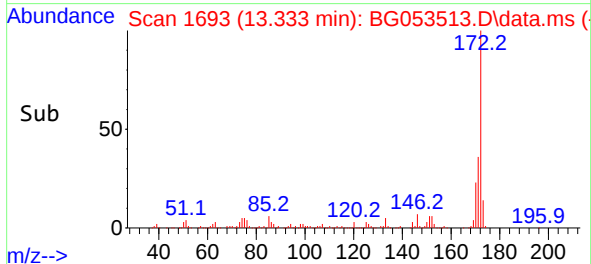
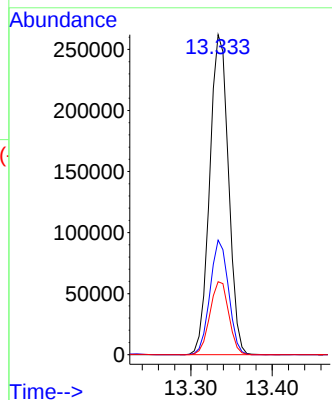
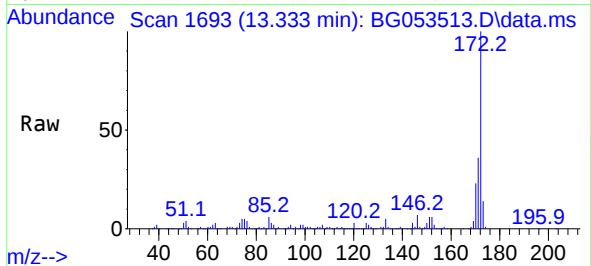
#45
2-Fluorobiphenyl
Concen: 91.419 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:172 Resp: 420184
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 22.8 18.9 28.3

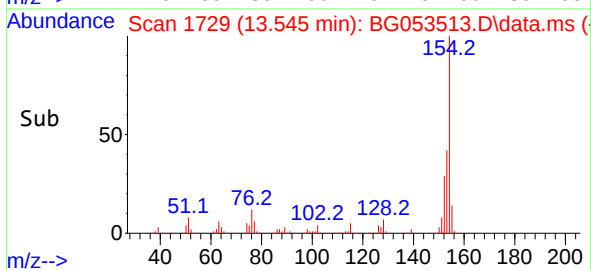
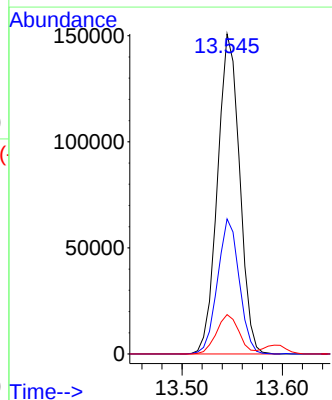
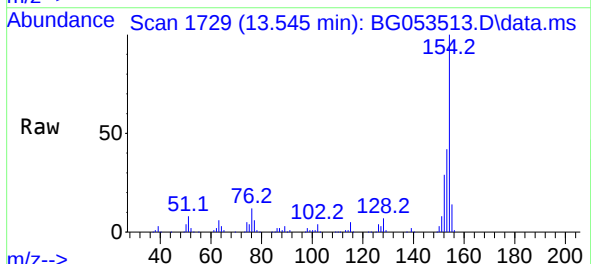
Manual Integrations
APPROVED

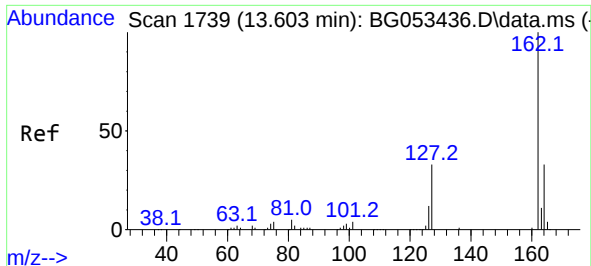
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#46
1,1'-Biphenyl
Concen: 50.288 ng
RT: 13.545 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

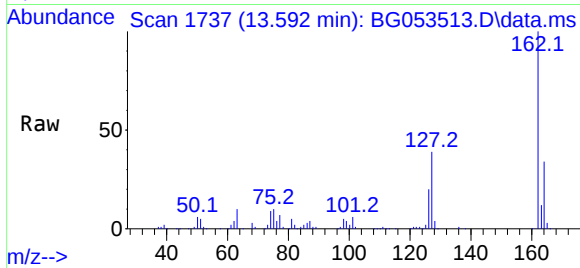
Tgt Ion:154 Resp: 230226
Ion Ratio Lower Upper
154 100
153 42.2 21.6 61.6
76 12.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 50.574 ng
RT: 13.592 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

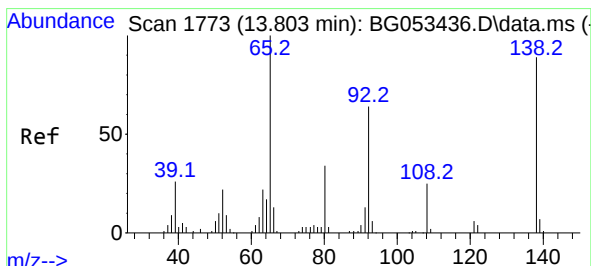
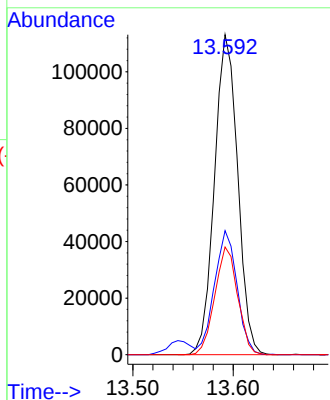
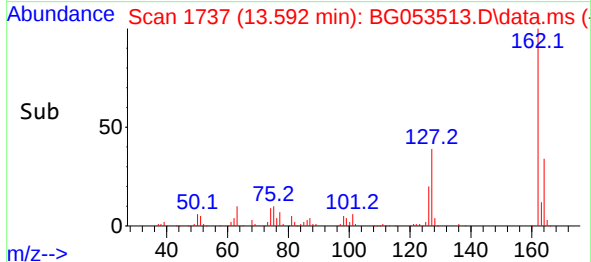
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



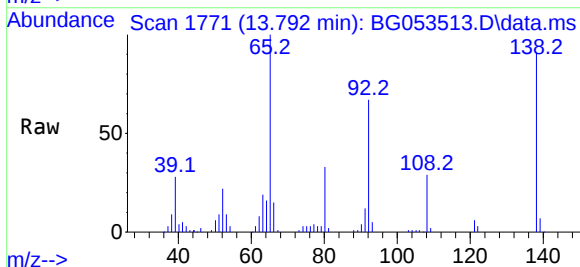
Tgt Ion:162 Resp: 181404
Ion Ratio Lower Upper
162 100
127 38.7 30.6 45.8
164 33.6 26.5 39.7

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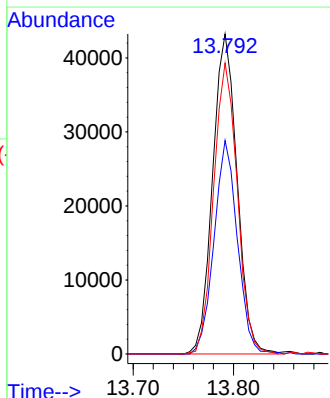
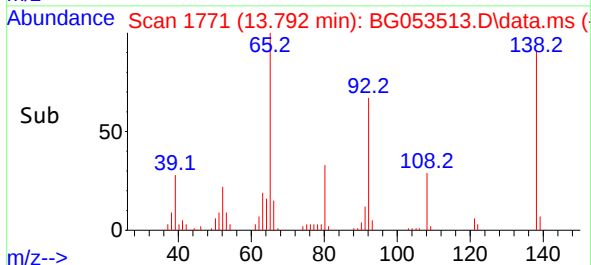
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

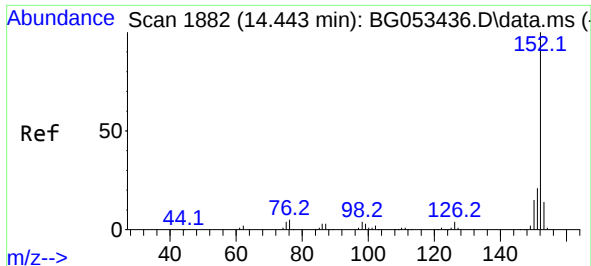


#48
2-Nitroaniline
Concen: 54.665 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



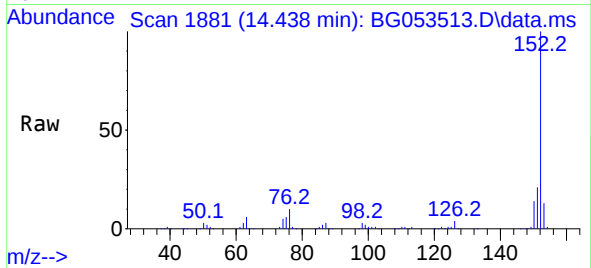
Tgt Ion: 65 Resp: 73062
Ion Ratio Lower Upper
65 100
92 66.7 51.5 77.3
138 90.9 71.3 106.9





#49
Acenaphthylene
Concen: 53.754 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

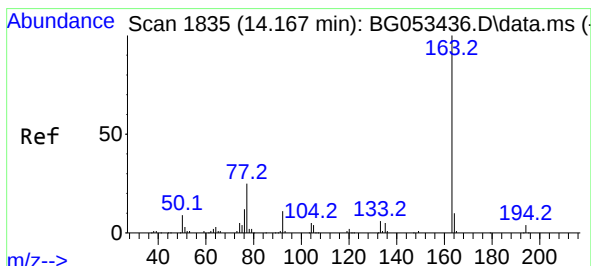
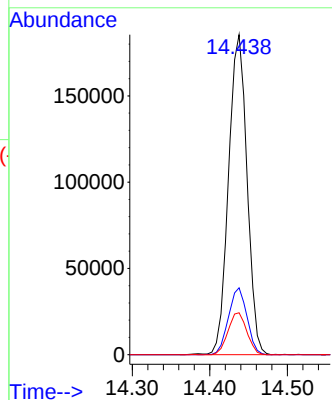
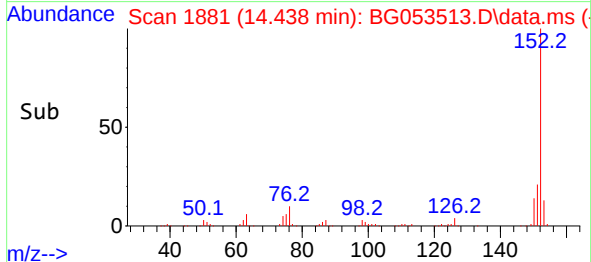
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



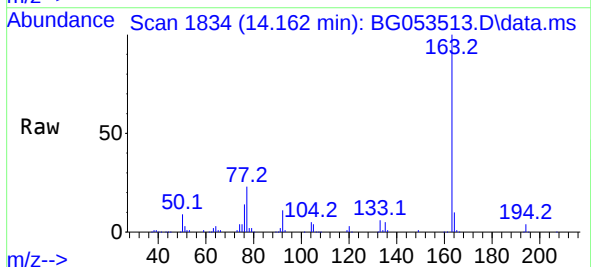
Tgt Ion:152 Resp: 30767
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.1 10.8 16.2

Manual Integrations
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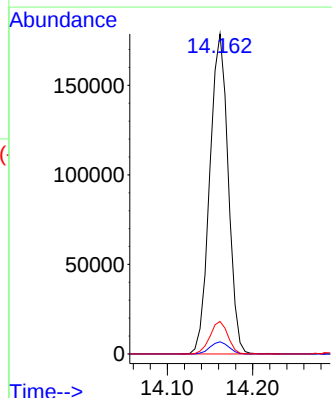
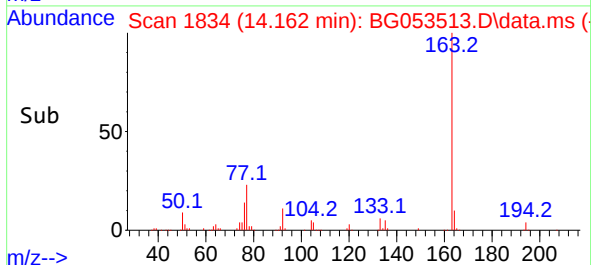
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

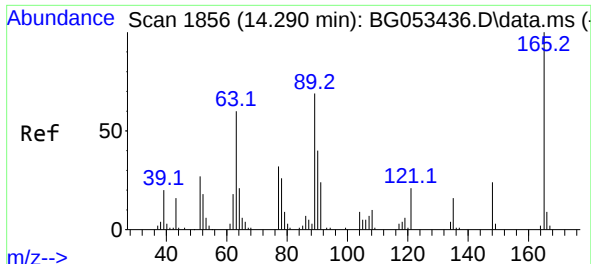


#50
Dimethylphthalate
Concen: 52.500 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



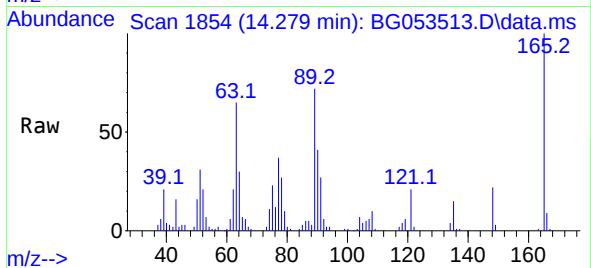
Tgt Ion:163 Resp: 267949
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 53.935 ng
RT: 14.279 min Scan# 1854
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

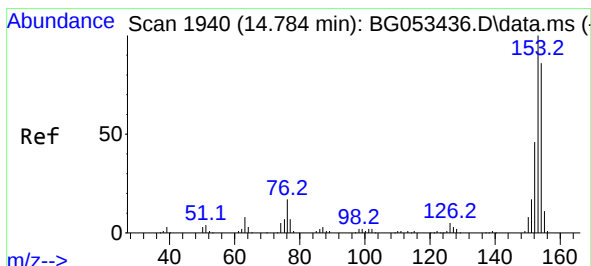
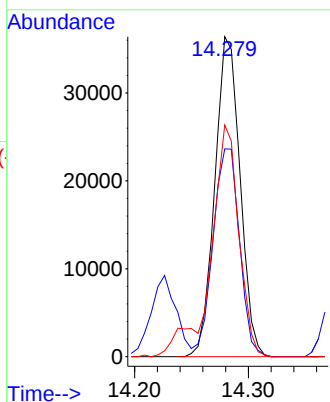
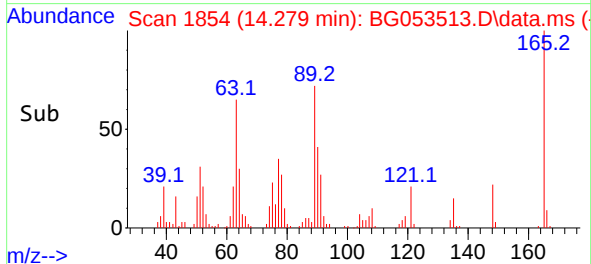
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



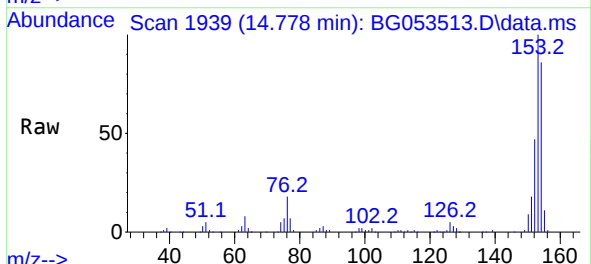
Tgt Ion:165 Resp: 5608
Ion Ratio Lower Upper
165 100
63 65.0 54.1 81.1
89 72.4 54.8 82.2

Manual Integrations
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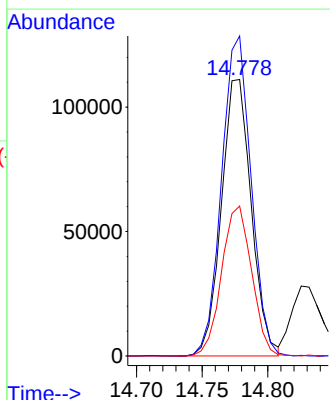
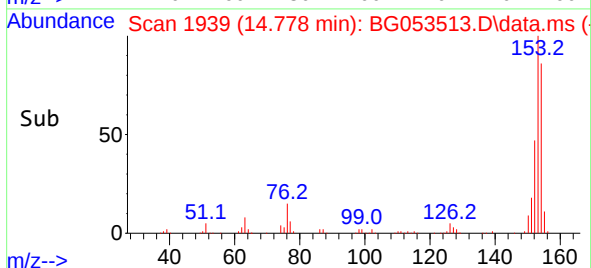
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

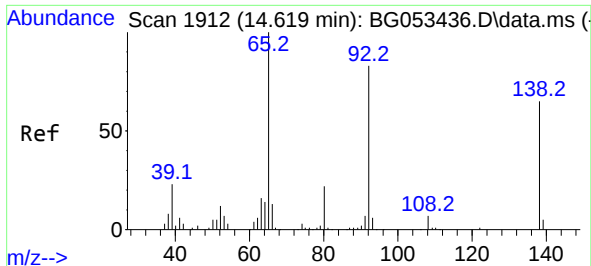


#52
Acenaphthene
Concen: 51.578 ng
RT: 14.778 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



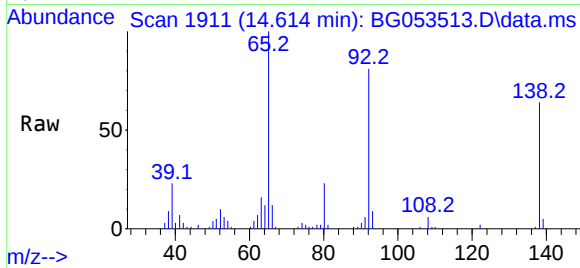
Tgt Ion:154 Resp: 175936
Ion Ratio Lower Upper
154 100
153 115.8 92.7 139.1
152 54.2 42.6 64.0





#53
3-Nitroaniline
Concen: 28.476 ng
RT: 14.614 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

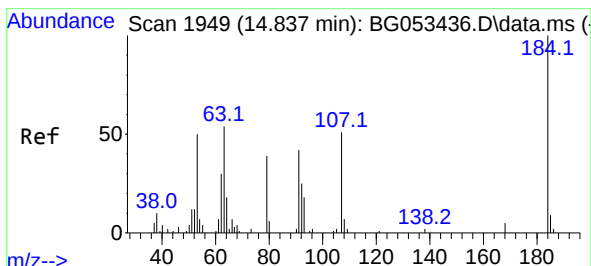
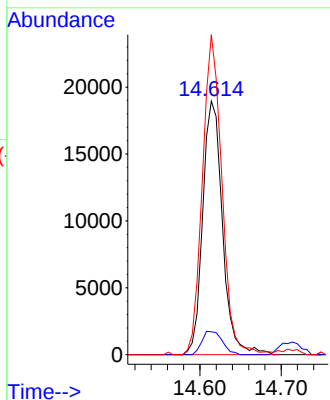
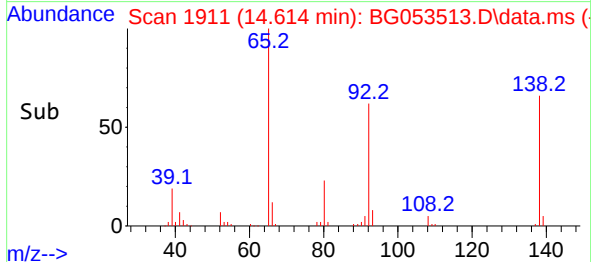
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



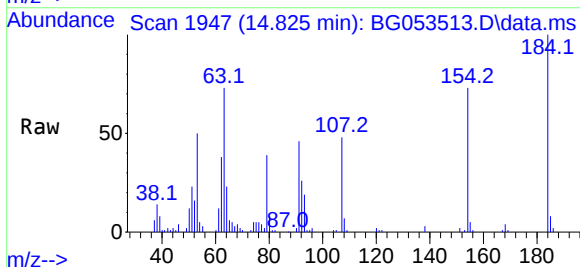
Tgt Ion:138 Resp: 3199
Ion Ratio Lower Upper
138 100
108 9.0 9.2 13.8
92 126.2 101.9 152.9

Manual Integrations
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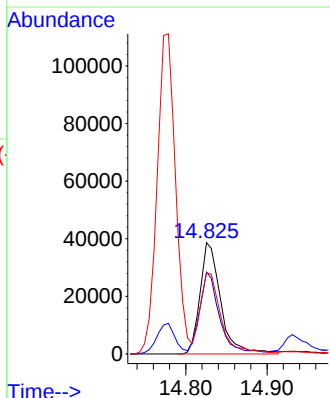
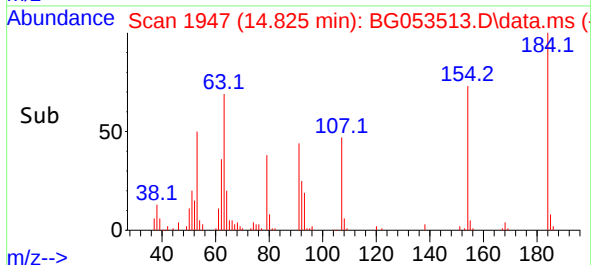
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

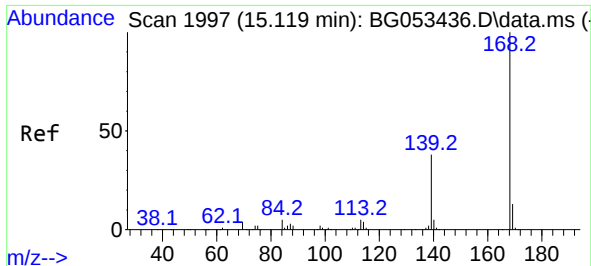


#54
2,4-Dinitrophenol
Concen: 102.006 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.008 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



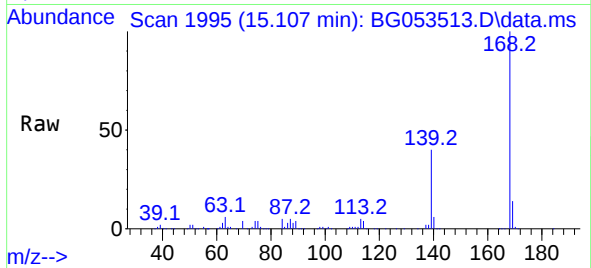
Tgt Ion:184 Resp: 68558
Ion Ratio Lower Upper
184 100
63 73.5 61.1 91.7
154 72.7 60.6 91.0





#55
Dibenzofuran
Concen: 49.882 ng
RT: 15.107 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

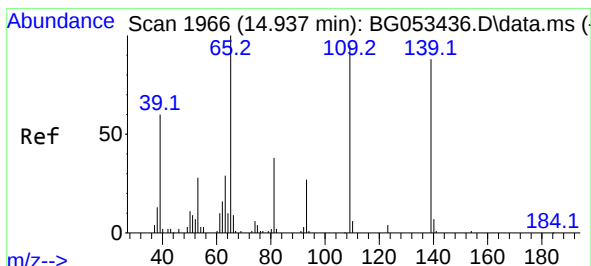
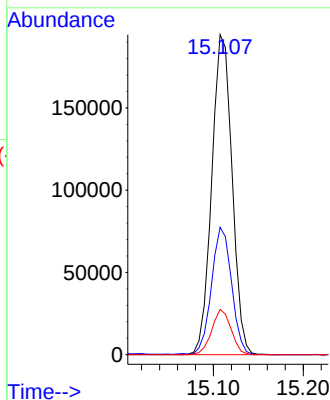
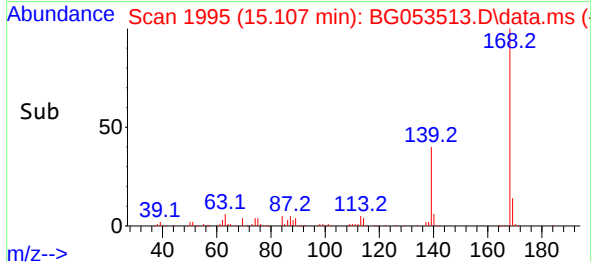
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



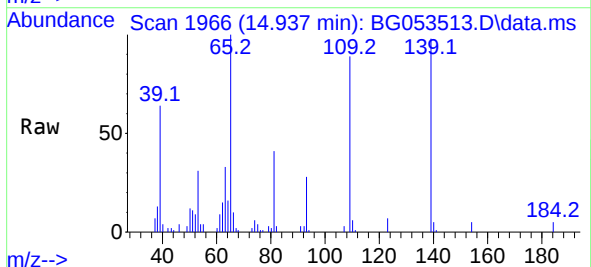
Tgt Ion:168 Resp: 30562
Ion Ratio Lower Upper
168 100
139 39.8 30.5 45.7
169 14.2 10.3 15.5

Manual Integrations
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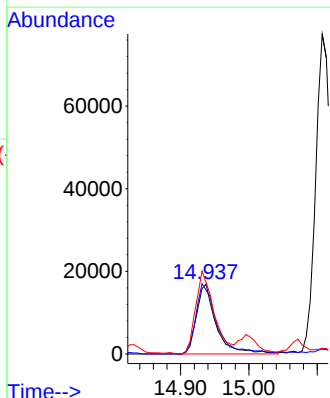
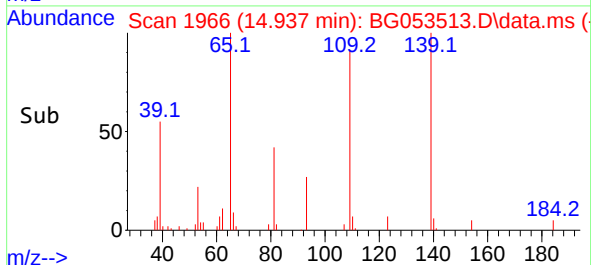
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

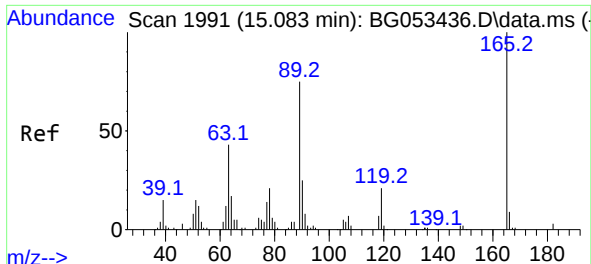


#56
4-Nitrophenol
Concen: 42.341 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



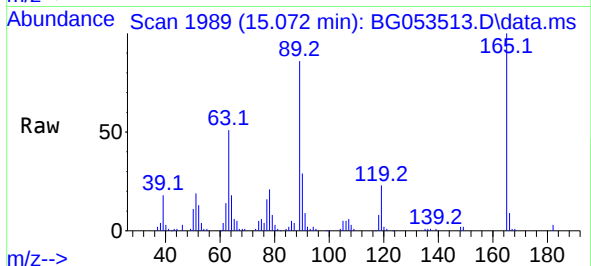
Tgt Ion:139 Resp: 33977
Ion Ratio Lower Upper
139 100
109 91.6 88.5 128.5
65 102.5 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 56.507 ng
RT: 15.072 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

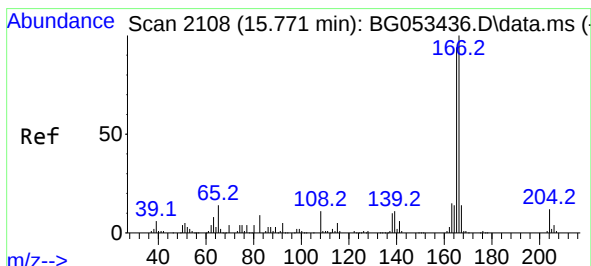
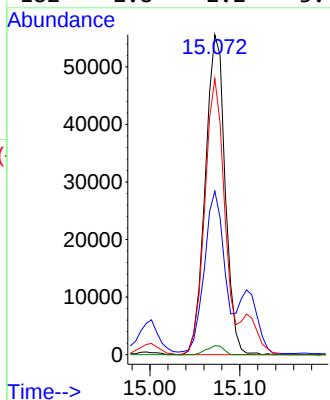
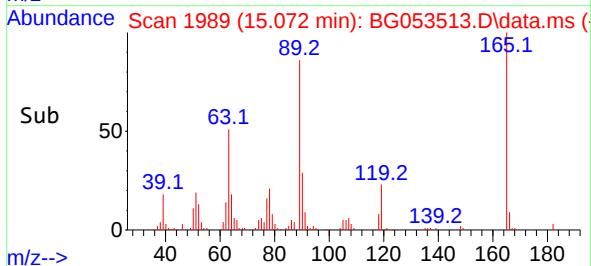


Tgt Ion:165 Resp: 85168

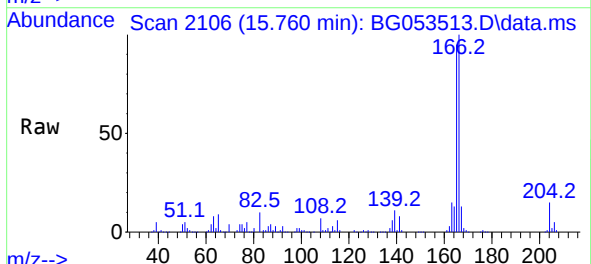
Ion	Ratio	Lower	Upper
165	100		
63	51.1	34.6	52.0
89	86.2	60.3	90.5
182	2.8	2.2	3.4

Manual Integrations
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Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

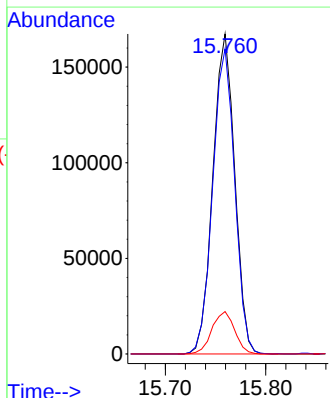
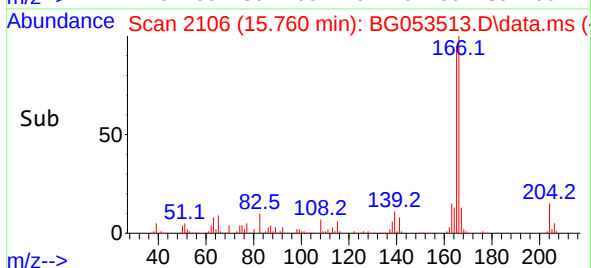


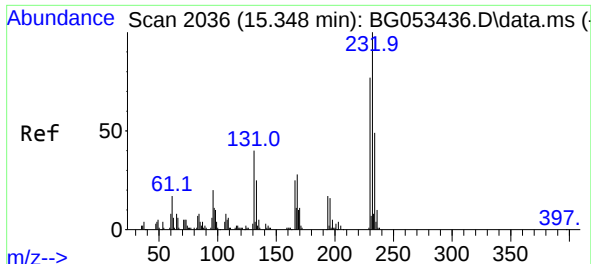
#58
Fluorene
Concen: 51.451 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:166 Resp: 252971

Ion	Ratio	Lower	Upper
166	100		
165	95.4	75.0	112.6
167	13.2	10.8	16.2





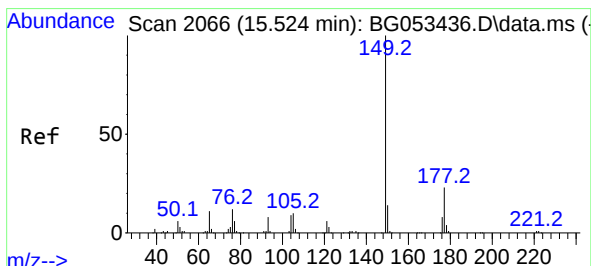
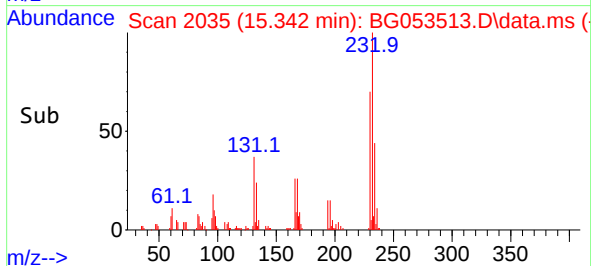
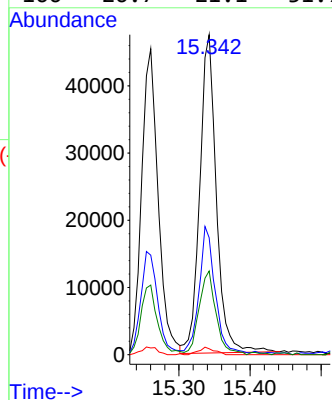
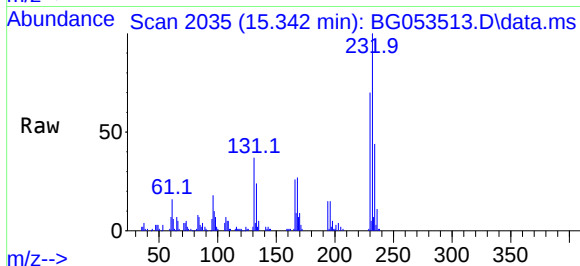
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.682 ng
RT: 15.342 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:232 Resp: 77124
Ion Ratio Lower Upper
232 100
131 39.2 30.6 46.0
130 2.2 1.8 2.8
166 26.7 21.1 31.7

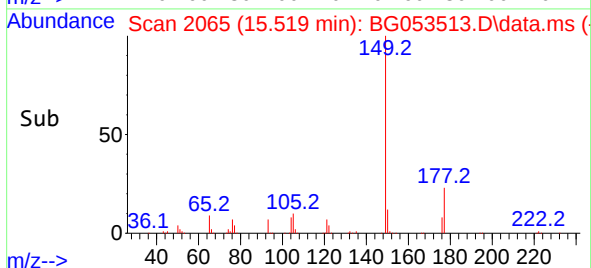
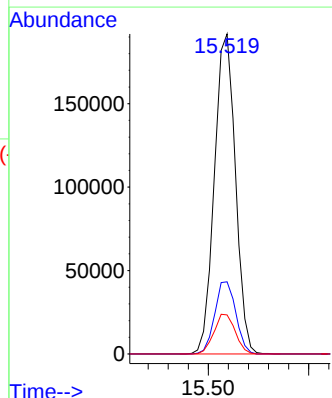
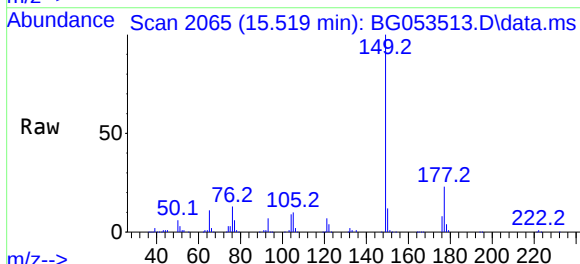
Manual Integrations
APPROVED

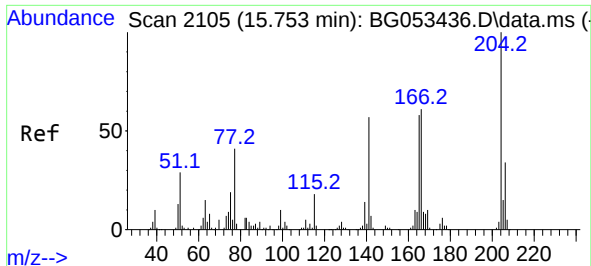
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#60
Diethylphthalate
Concen: 52.890 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

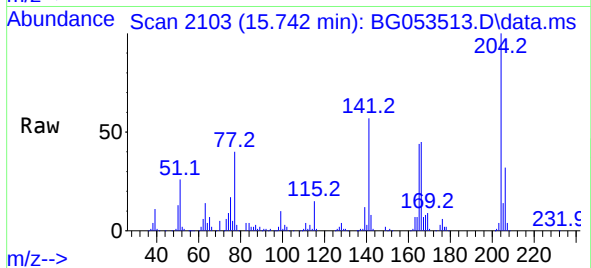
Tgt Ion:149 Resp: 278844
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.2 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 51.476 ng
RT: 15.742 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

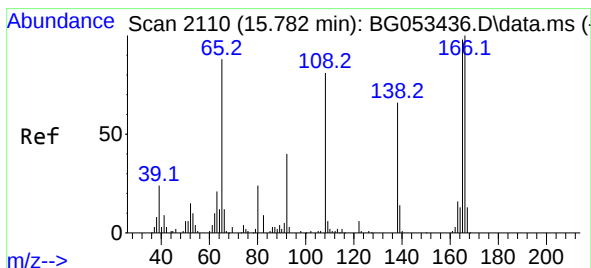
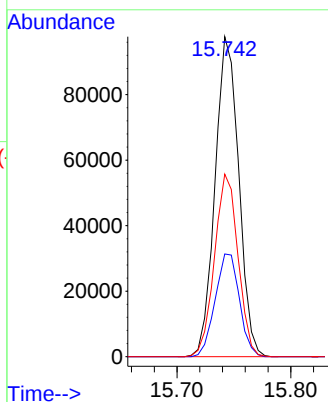
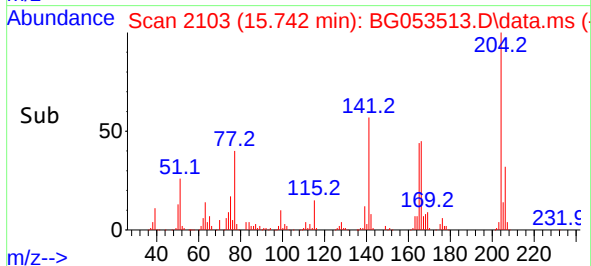
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



Tgt Ion:204 Resp: 141229
Ion Ratio Lower Upper
204 100
206 32.1 27.5 41.3
141 57.1 45.3 67.9

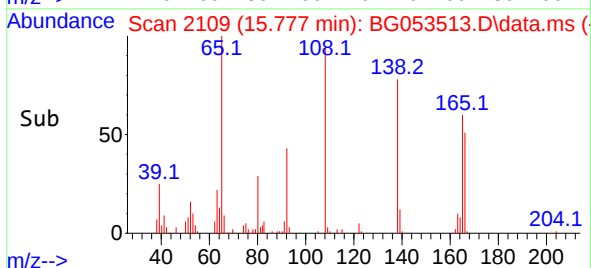
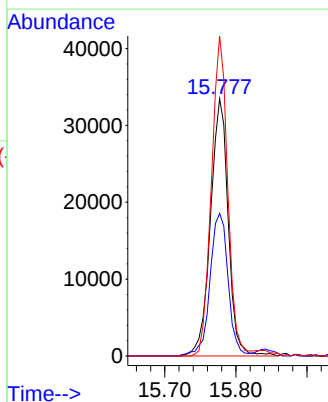
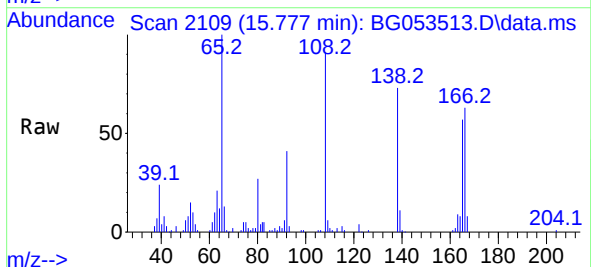
Manual Integrations
APPROVED

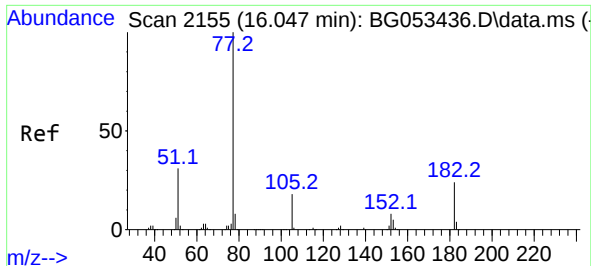
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#62
4-Nitroaniline
Concen: 49.894 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

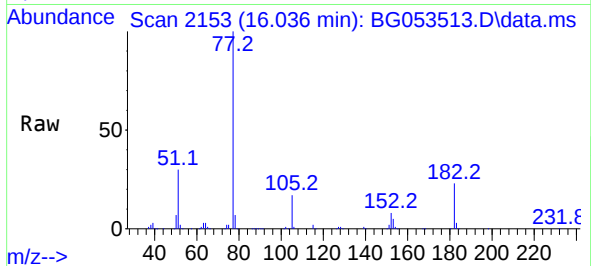
Tgt Ion:138 Resp: 58142
Ion Ratio Lower Upper
138 100
92 55.4 40.5 80.5
108 124.3 103.7 143.7





#63
Azobenzene
Concen: 51.422 ng
RT: 16.036 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

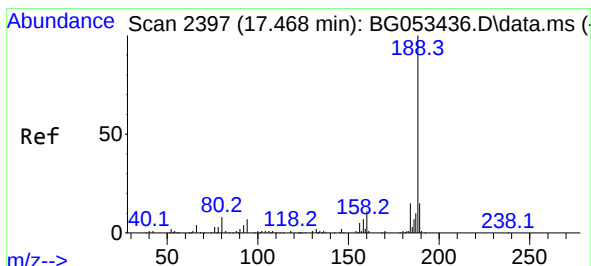
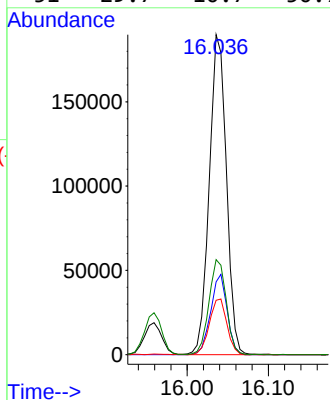
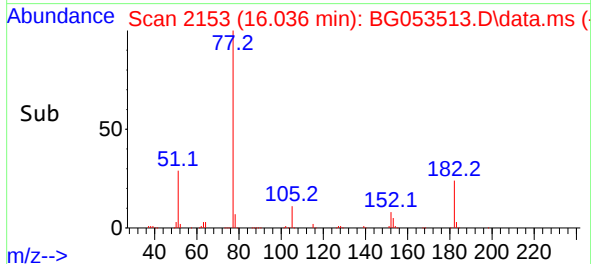
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



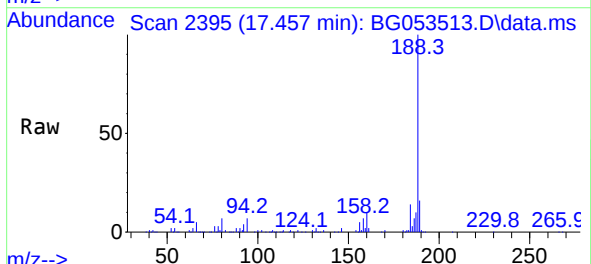
Tgt Ion: 77 Resp: 27761
Ion Ratio Lower Upper
77 100
182 22.8 3.8 43.8
105 17.0 0.0 37.8
51 29.7 10.7 50.7

Manual Integrations
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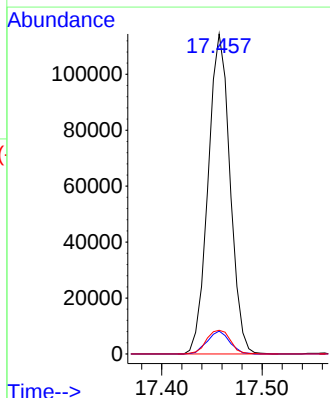
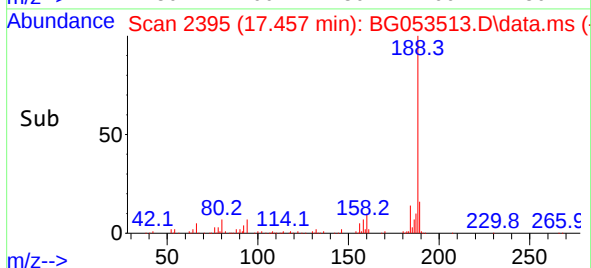
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

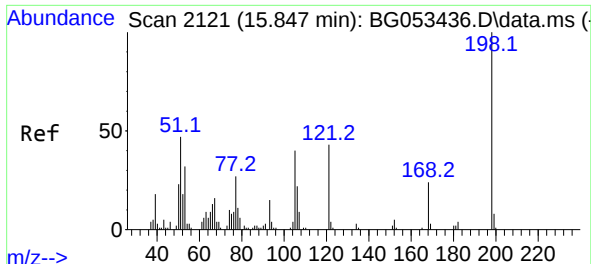


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



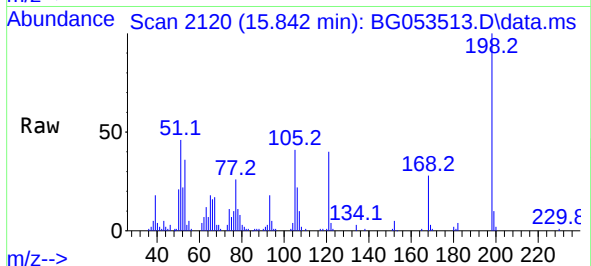
Tgt Ion:188 Resp: 173934
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.488 ng
RT: 15.842 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

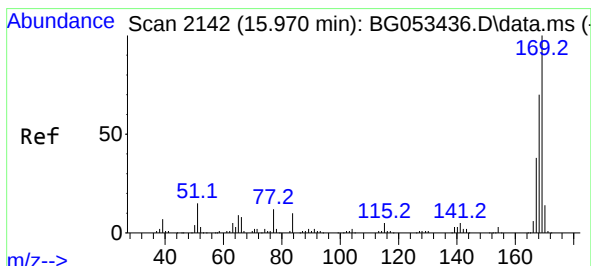
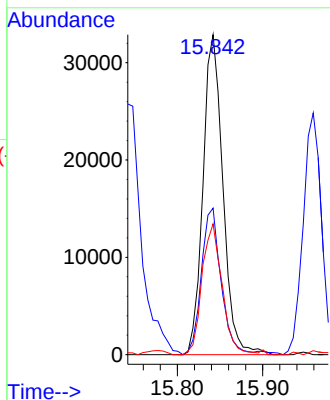
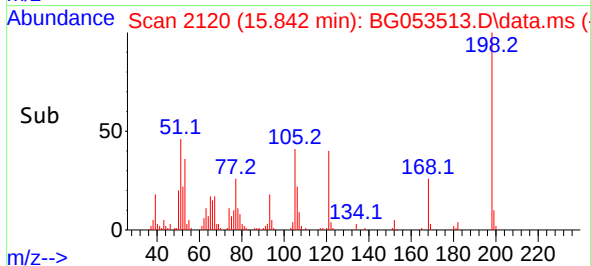
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



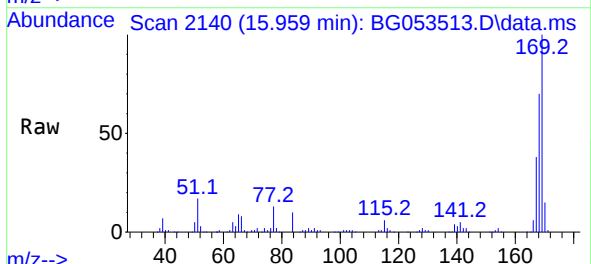
Tgt Ion:198 Resp: 53364
Ion Ratio Lower Upper
198 100
51 45.8 28.1 68.1
105 40.9 20.3 60.3

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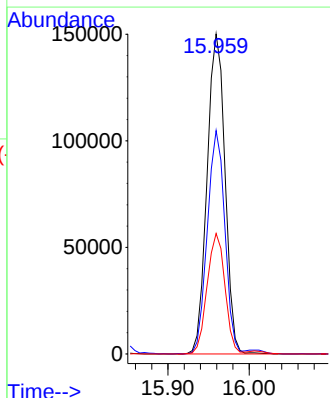
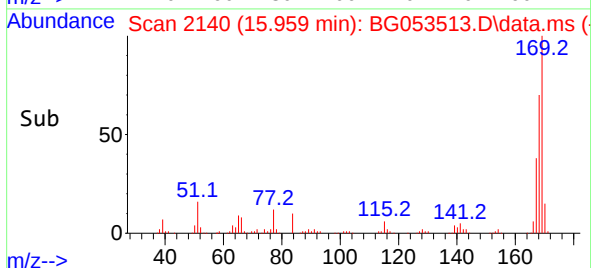
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

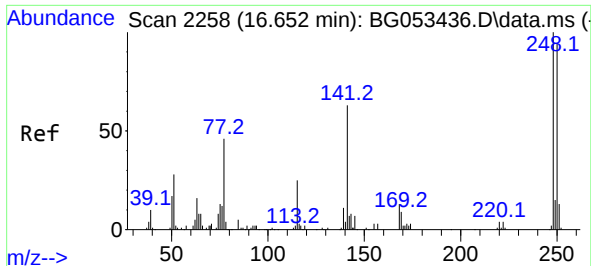


#66
n-Nitrosodiphenylamine
Concen: 50.341 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



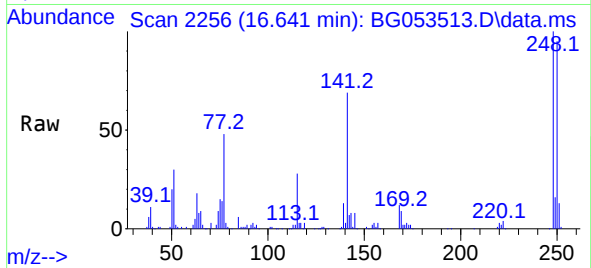
Tgt Ion:169 Resp: 229892
Ion Ratio Lower Upper
169 100
168 69.8 55.9 83.9
167 37.6 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 50.658 ng
RT: 16.641 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

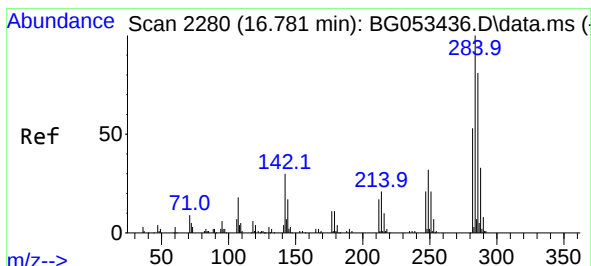
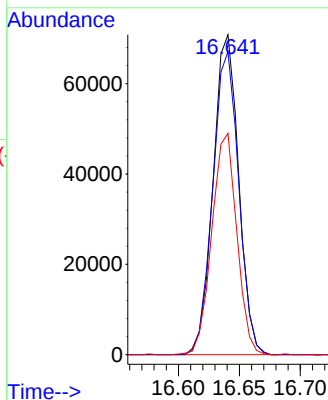
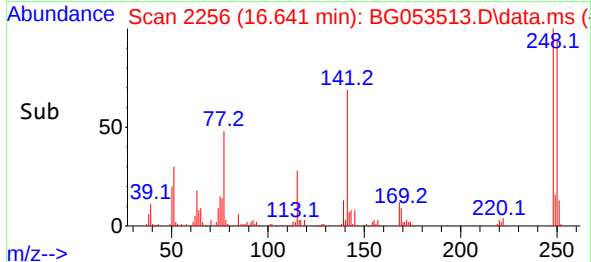
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



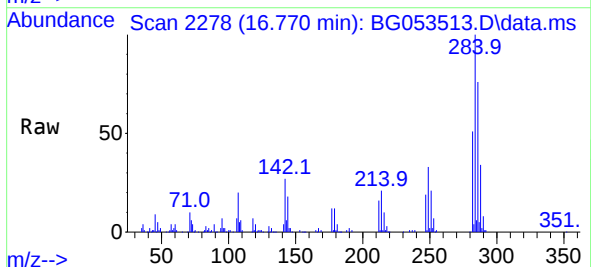
Tgt Ion:248 Resp: 10290
Ion Ratio Lower Upper
248 100
250 94.7 75.2 112.8
141 69.2 50.0 75.0

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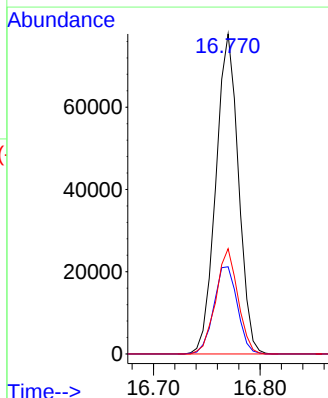
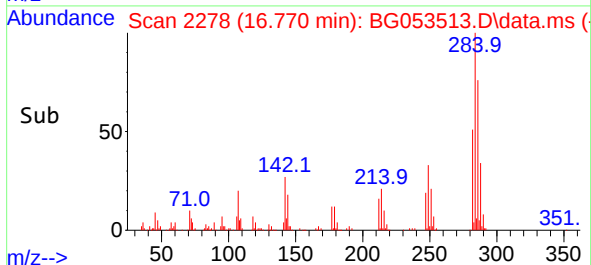
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

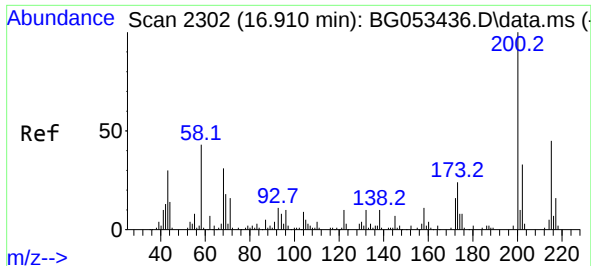


#68
Hexachlorobenzene
Concen: 51.371 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



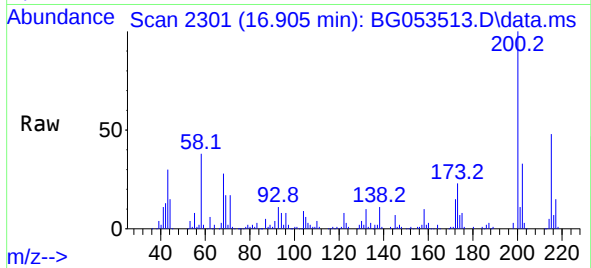
Tgt Ion:284 Resp: 114286
Ion Ratio Lower Upper
284 100
142 27.2 23.6 35.4
249 32.9 25.8 38.6





#69
Atrazine
Concen: 55.341 ng
RT: 16.905 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

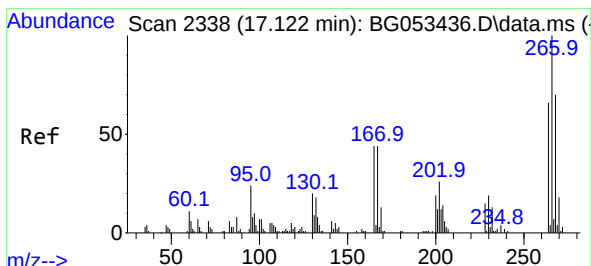
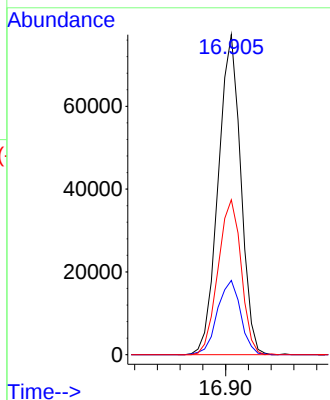
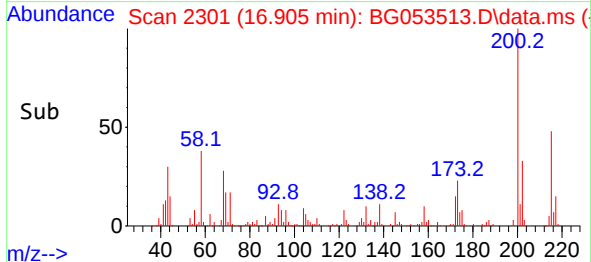
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



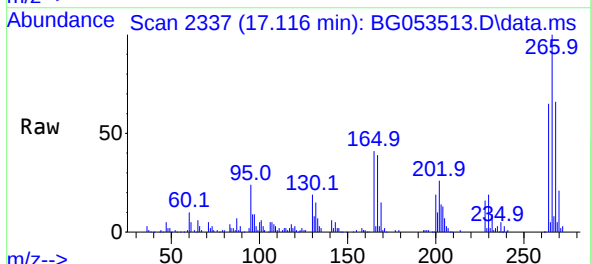
Tgt Ion:200 Resp: 10639
Ion Ratio Lower Upper
200 100
173 23.2 3.7 43.7
215 48.4 25.2 65.2

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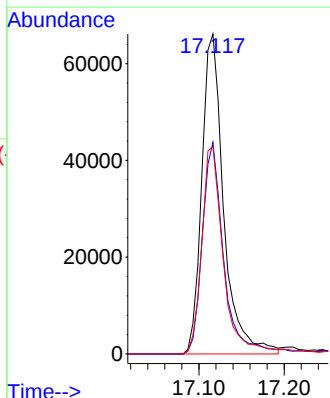
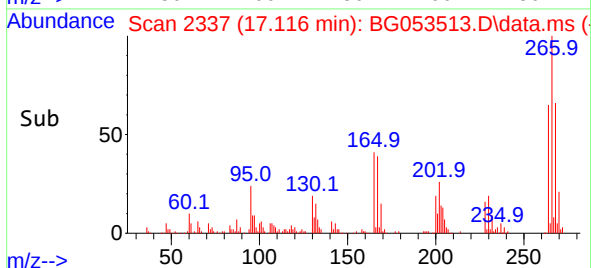
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

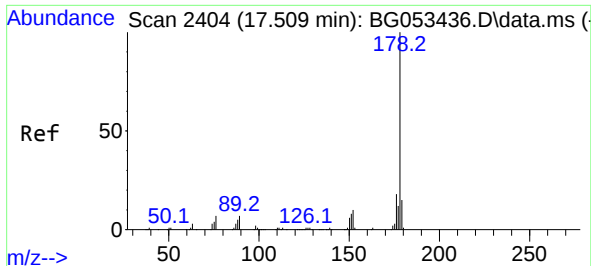


#70
Pentachlorophenol
Concen: 97.216 ng
RT: 17.116 min Scan# 2337
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



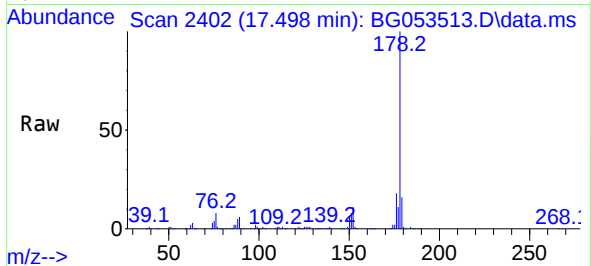
Tgt Ion:266 Resp: 117745
Ion Ratio Lower Upper
266 100
268 66.1 56.2 84.2
264 64.8 53.0 79.4





#71
Phenanthrene
Concen: 52.138 ng
RT: 17.498 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

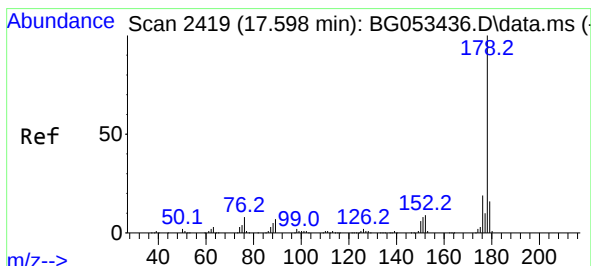
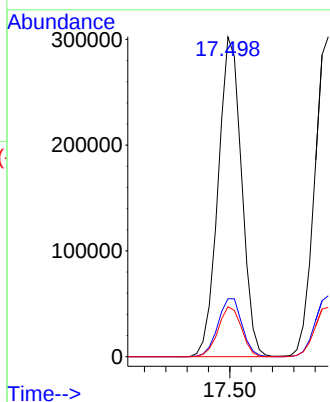
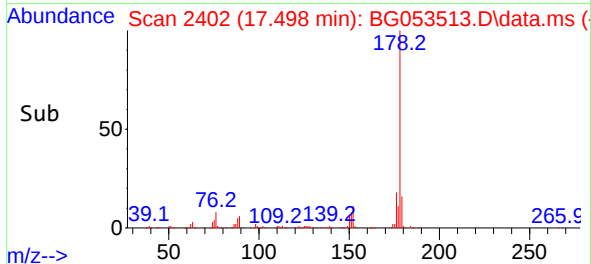
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



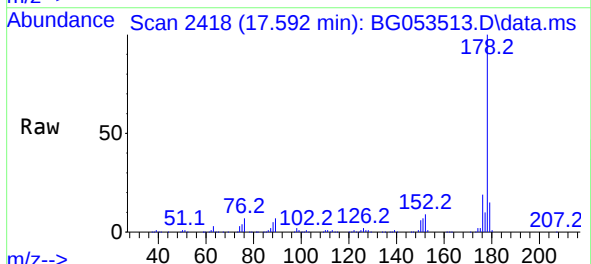
Tgt Ion:178 Resp: 461111
Ion Ratio Lower Upper
178 100
176 18.1 14.1 21.1
179 15.6 12.1 18.1

Manual Integrations
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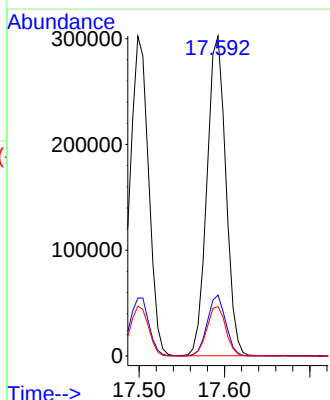
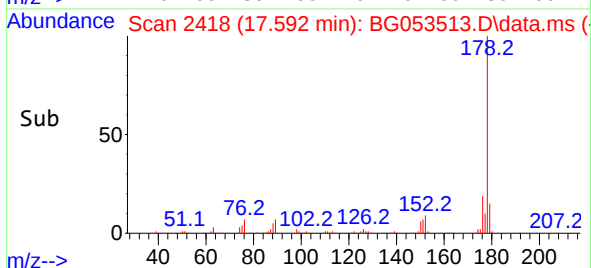
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

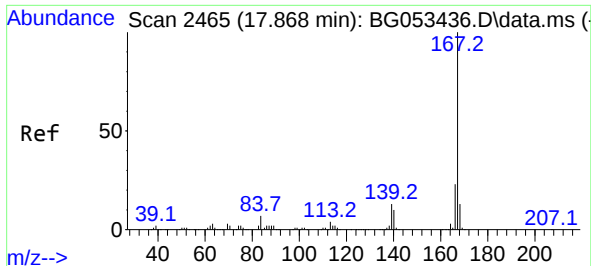


#72
Anthracene
Concen: 53.419 ng
RT: 17.592 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



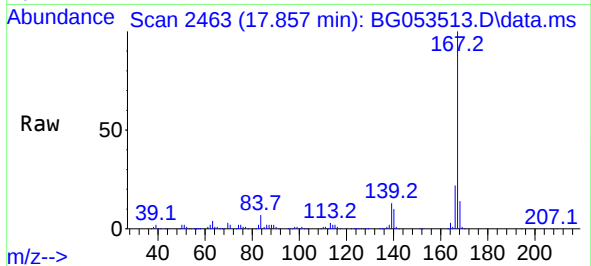
Tgt Ion:178 Resp: 464375
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.4 13.0 19.4





#73
 Carbazole
 Concen: 51.890 ng
 RT: 17.857 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053513.D
 Acq: 10 May 2022 18:18

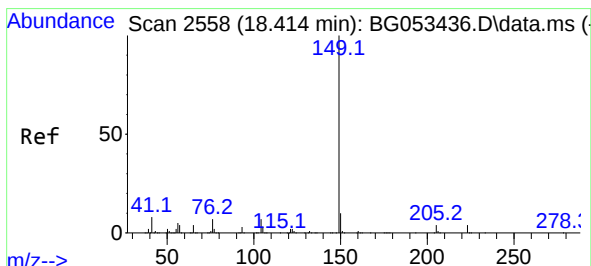
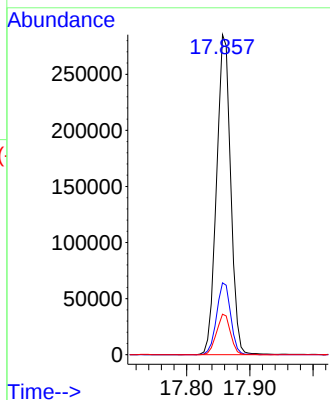
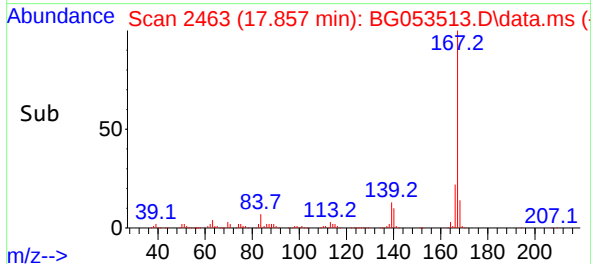
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509MSD



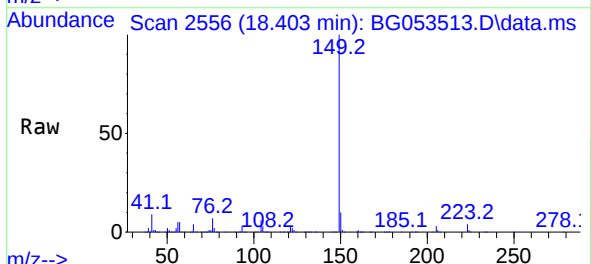
Tgt Ion:167 Resp: 442092
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 12.7 10.1 15.1

Manual Integrations
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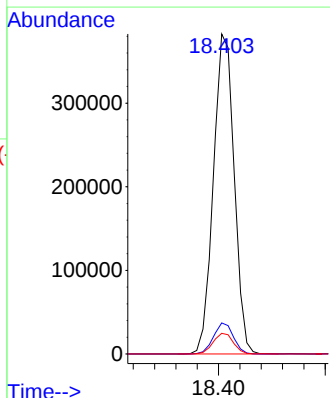
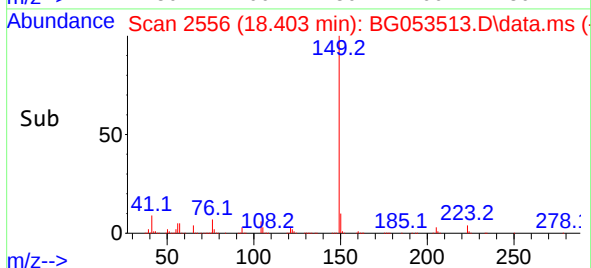
Reviewed By :Christian Giraldo 05/11/2022
 Supervised By :Jagrut Upadhyay 05/11/2022

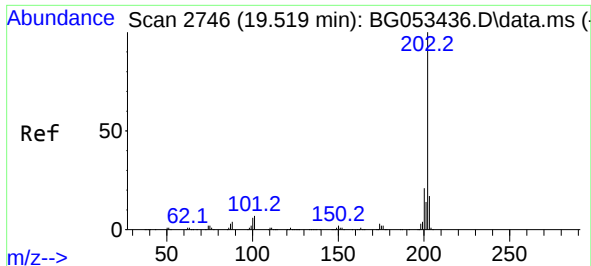


#74
 Di-n-butylphthalate
 Concen: 53.847 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053513.D
 Acq: 10 May 2022 18:18



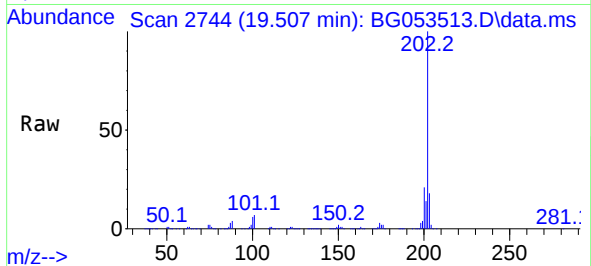
Tgt Ion:149 Resp: 515960
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 6.5 5.4 8.0





#75
Fluoranthene
Concen: 54.005 ng
RT: 19.507 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

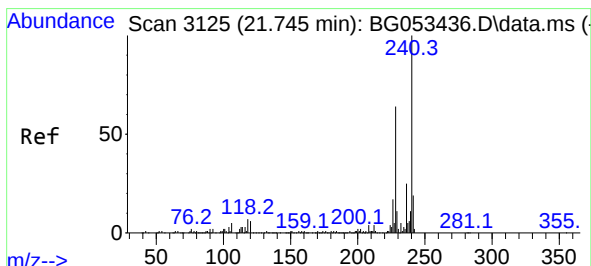
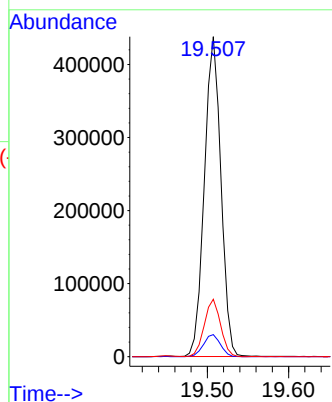
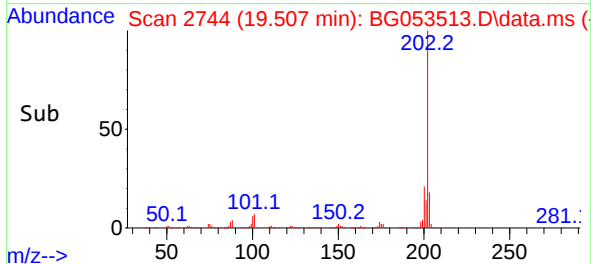
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



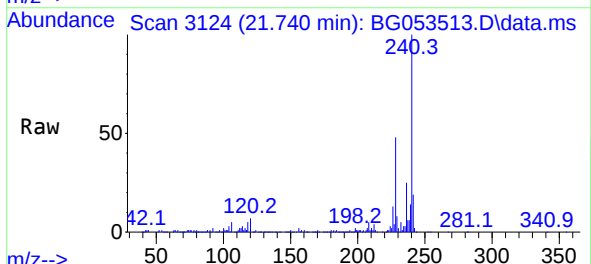
Tgt Ion:202 Resp: 618449
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 17.9 0.0 37.2

Manual Integrations
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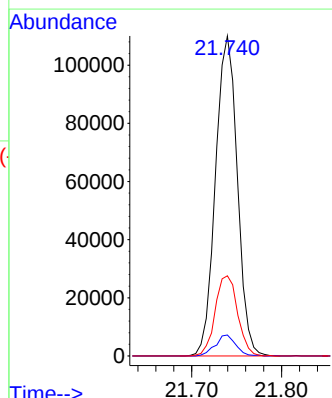
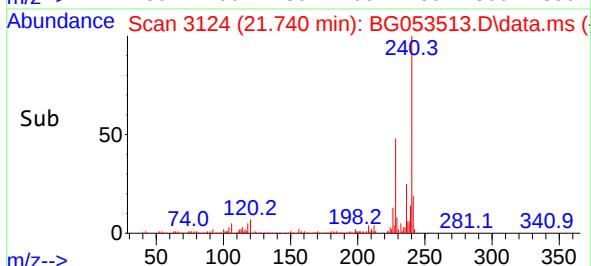
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

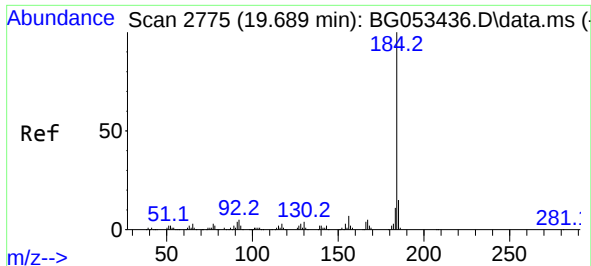


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:240 Resp: 185506
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.0 20.2 30.4





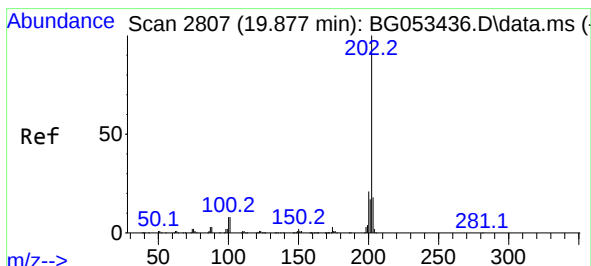
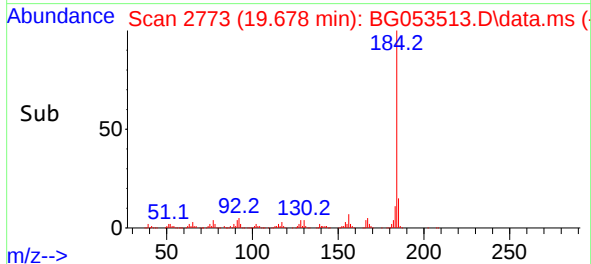
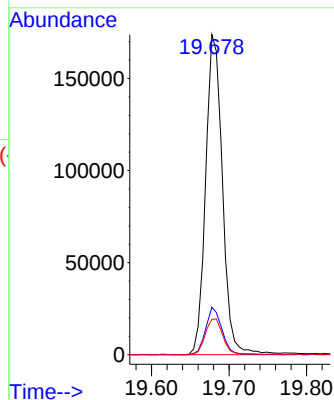
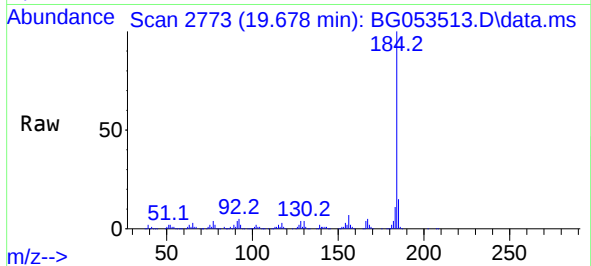
#77
Benzidine
Concen: 65.477 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD

Tgt Ion:184 Resp: 261798
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 11.1 8.9 13.3

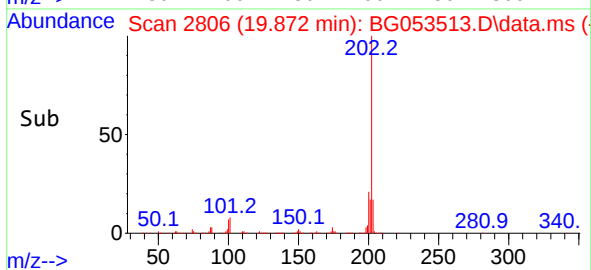
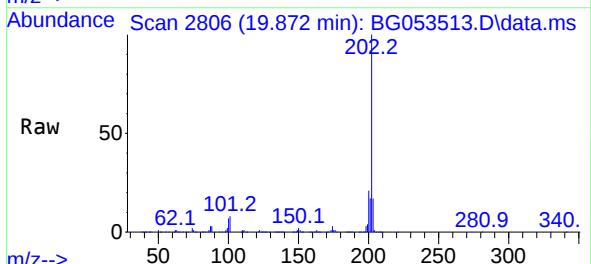
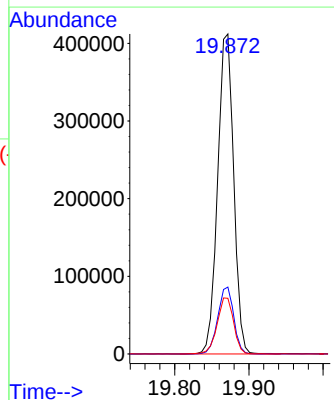
Manual Integrations
APPROVED

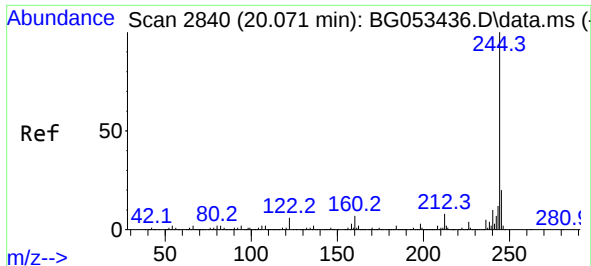
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#78
Pyrene
Concen: 51.521 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

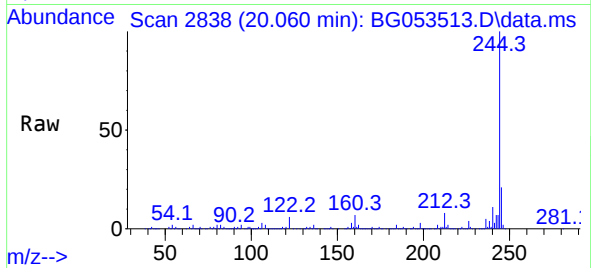
Tgt Ion:202 Resp: 618707
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 78.842 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053513.D
 Acq: 10 May 2022 18:18

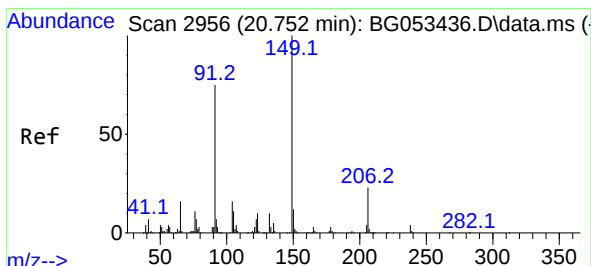
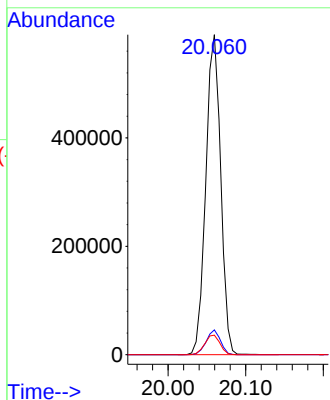
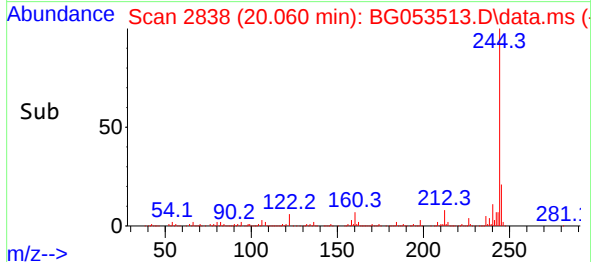
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509MSD



Tgt Ion:244 Resp: 785279
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.1 5.0 7.4

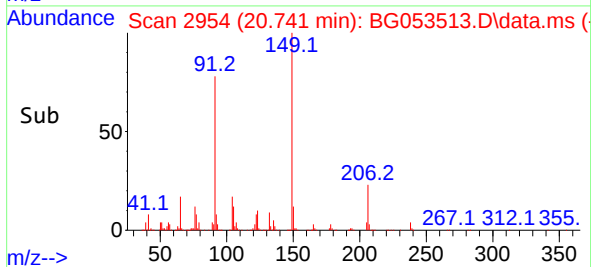
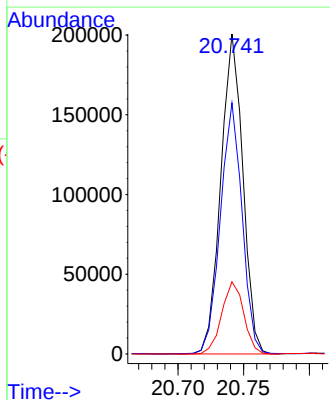
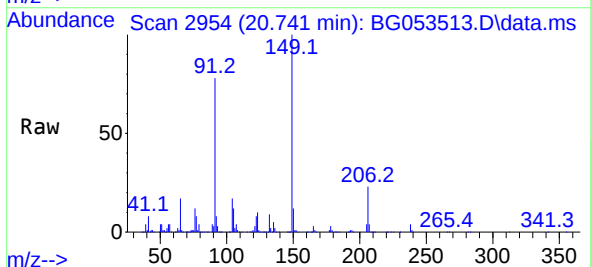
Manual Integrations
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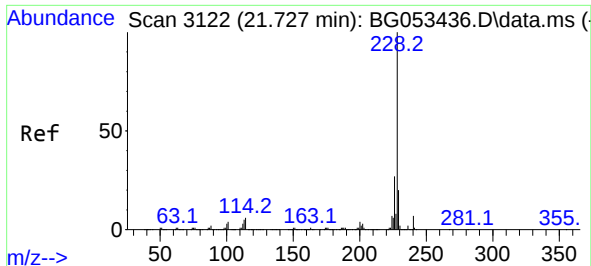
Reviewed By :Christian Giraldo 05/11/2022
 Supervised By :Jagrut Upadhyay 05/11/2022



#80
 Butylbenzylphthalate
 Concen: 53.134 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.002 min
 Lab File: BG053513.D
 Acq: 10 May 2022 18:18

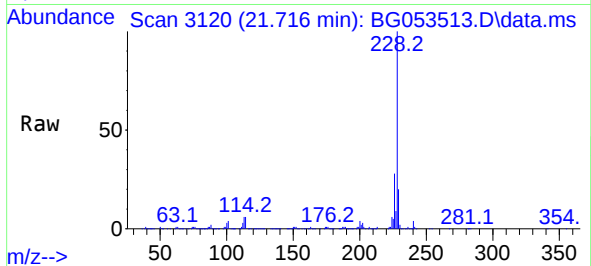
Tgt Ion:149 Resp: 233977
 Ion Ratio Lower Upper
 149 100
 91 78.4 59.6 89.4
 206 22.6 18.6 28.0





#81
Benzo(a)anthracene
Concen: 51.835 ng
RT: 21.716 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

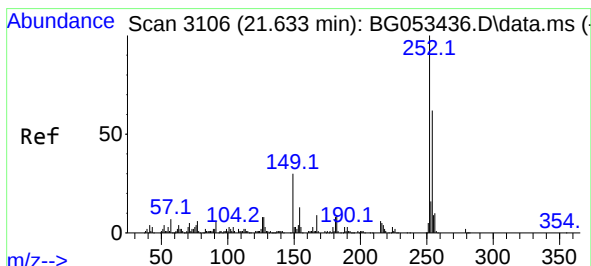
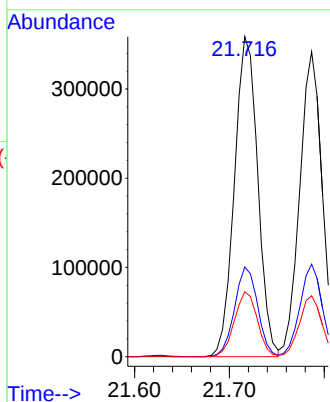
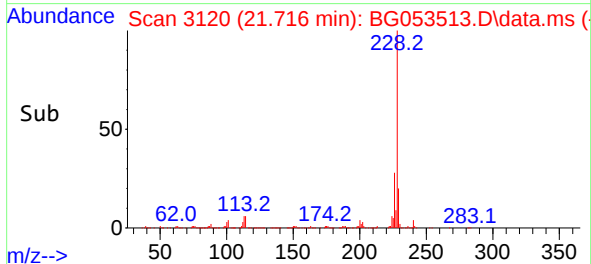
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



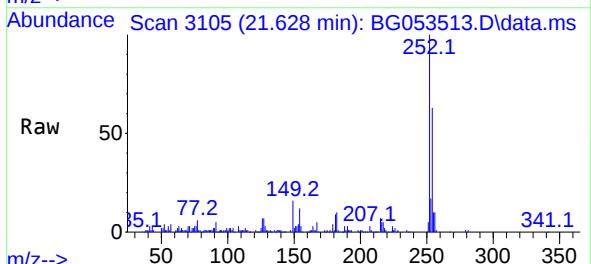
Tgt Ion:228 Resp: 613308
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.3 16.2 24.2

Manual Integrations
APPROVED

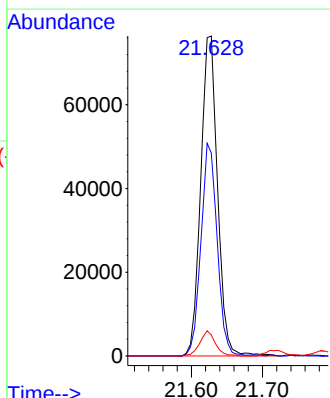
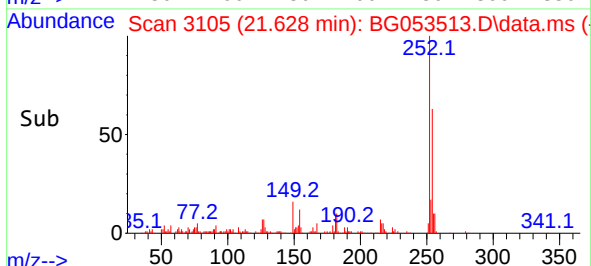
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

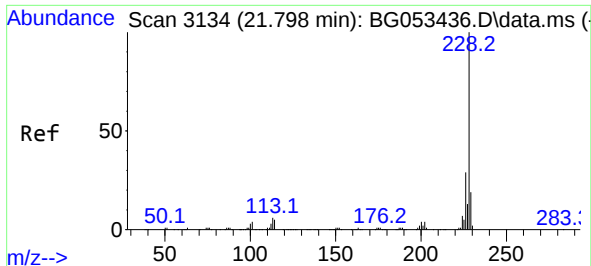


#82
3,3'-Dichlorobenzidine
Concen: 41.991 ng
RT: 21.628 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



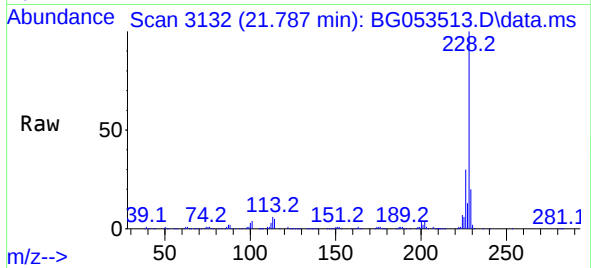
Tgt Ion:252 Resp: 125992
Ion Ratio Lower Upper
252 100
254 63.4 49.8 74.8
126 6.5 6.0 9.0





#83
Chrysene
Concen: 50.577 ng
RT: 21.787 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

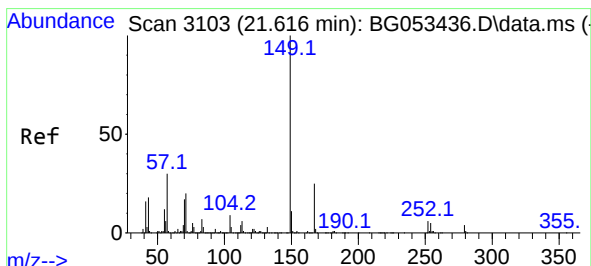
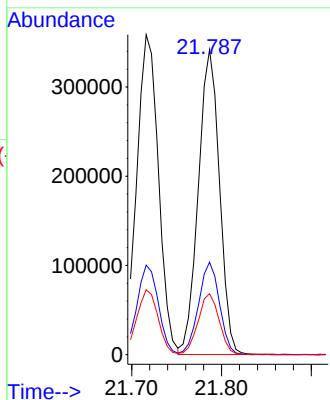
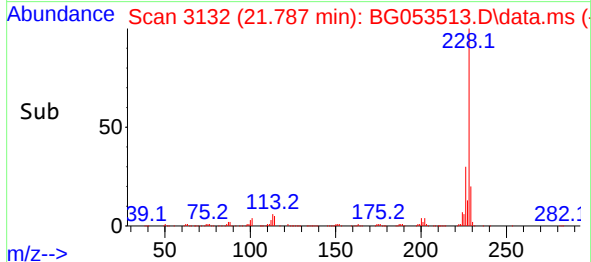
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



Tgt Ion:228 Resp: 558904
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.2
229 20.0 15.5 23.3

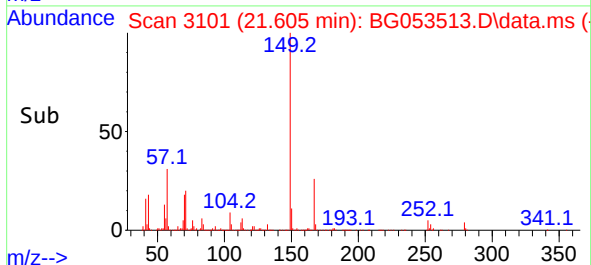
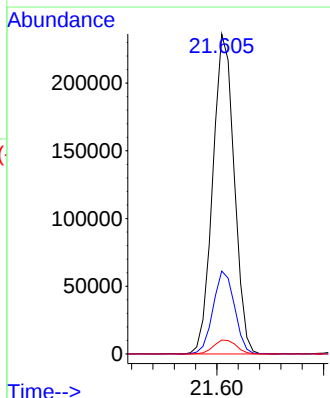
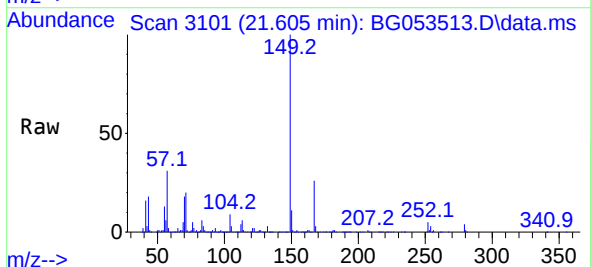
Manual Integrations
APPROVED

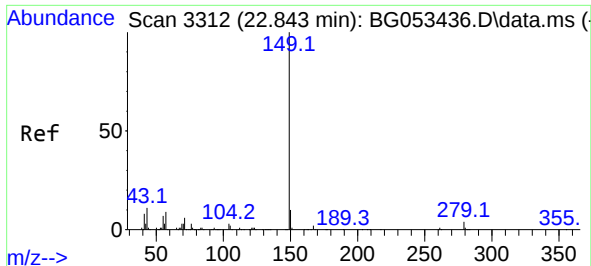
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.164 ng
RT: 21.605 min Scan# 3101
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

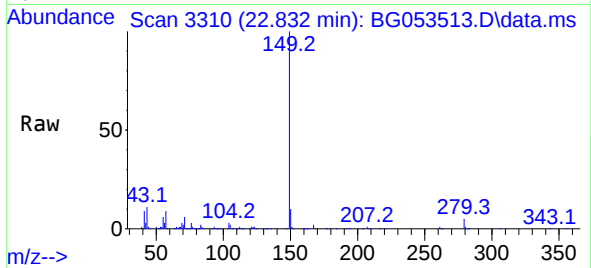
Tgt Ion:149 Resp: 329206
Ion Ratio Lower Upper
149 100
167 25.9 20.2 30.4
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 53.790 ng
RT: 22.832 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

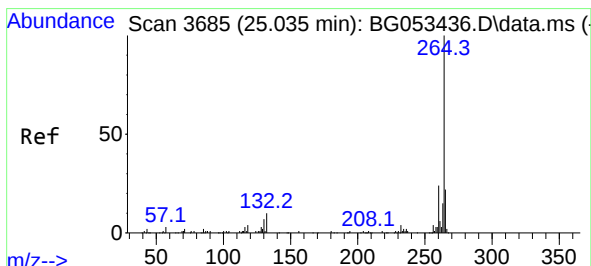
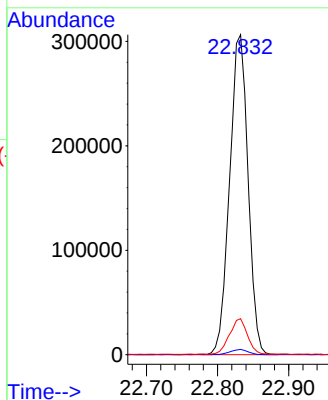
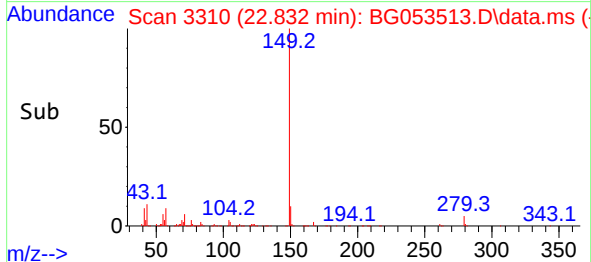
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



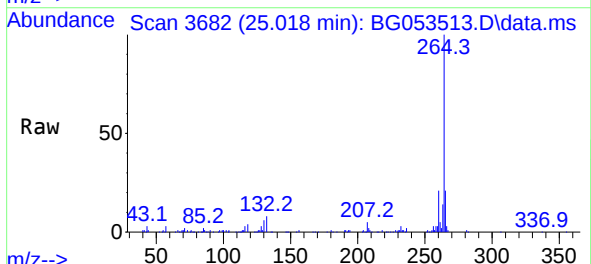
Tgt Ion:149 Resp: 552830
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.0 13.4

Manual Integrations
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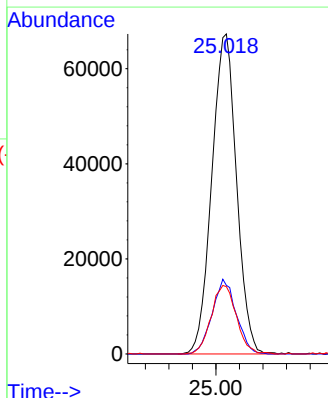
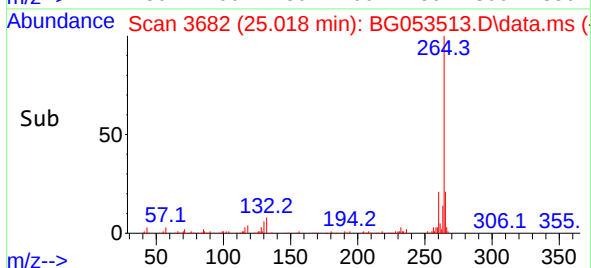
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

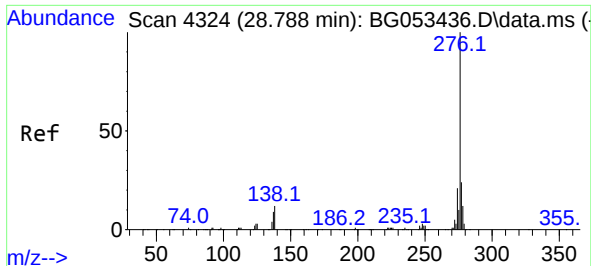


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



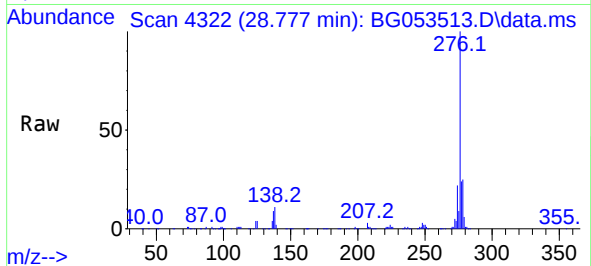
Tgt Ion:264 Resp: 196132
Ion Ratio Lower Upper
264 100
260 21.4 19.0 28.6
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.855 ng
RT: 28.777 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

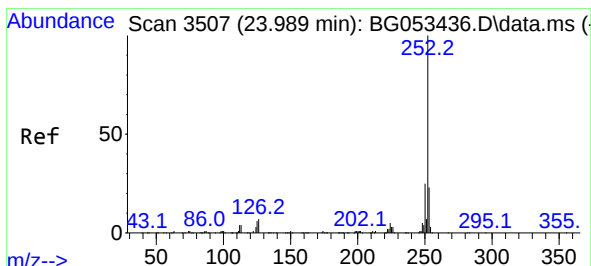
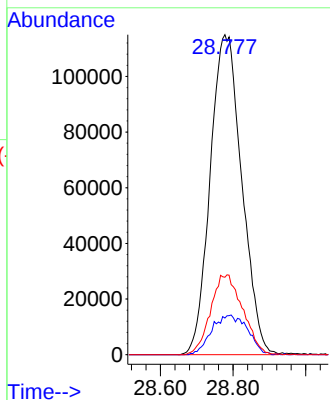
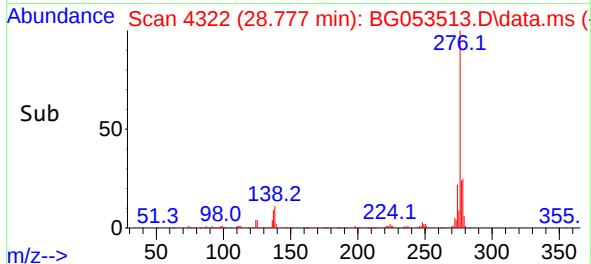
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



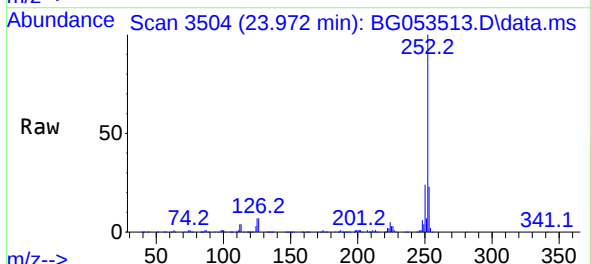
Tgt Ion:276 Resp: 69468
Ion Ratio Lower Upper
276 100
138 9.1 5.0 7.4
277 25.4 20.3 30.5

Manual Integrations
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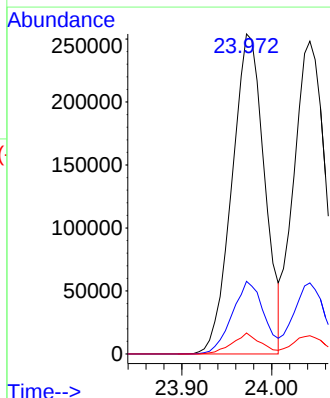
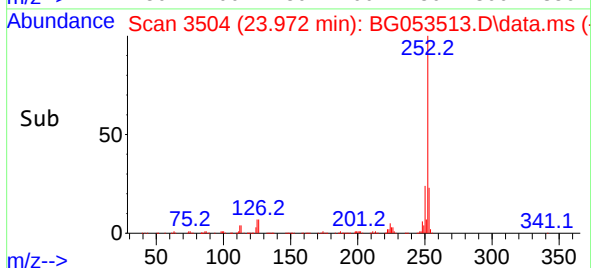
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

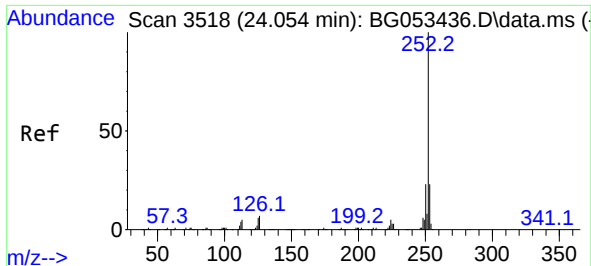


#88
Benzo(b)fluoranthene
Concen: 55.108 ng
RT: 23.972 min Scan# 3504
Delta R.T. -0.008 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:252 Resp: 639775
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 6.5 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 52.995 ng

RT: 24.042 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053513.D

Acq: 10 May 2022 18:18

Instrument :

BNA_G

ClientSampleId :

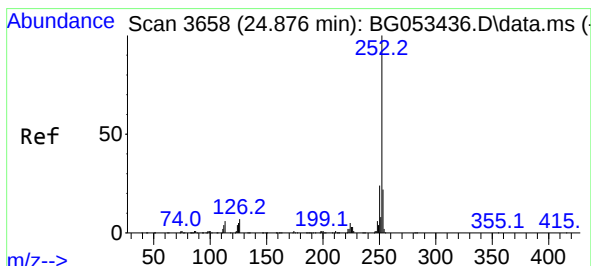
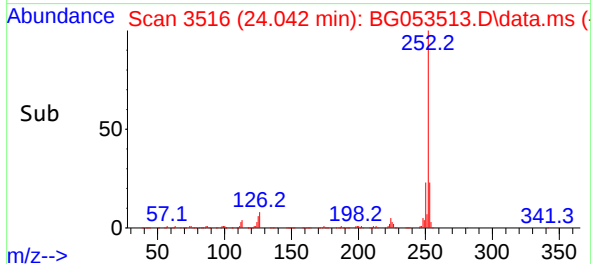
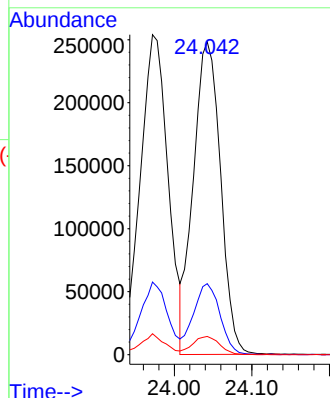
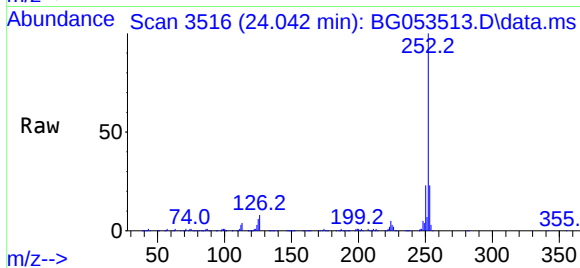
MW-4-20220509MSD

Tgt Ion:252 Resp: 60456
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.4 27.6
 125 5.8 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022
 Supervised By :Jagrut Upadhyay 05/11/2022



#90

Benzo(a)pyrene

Concen: 61.554 ng

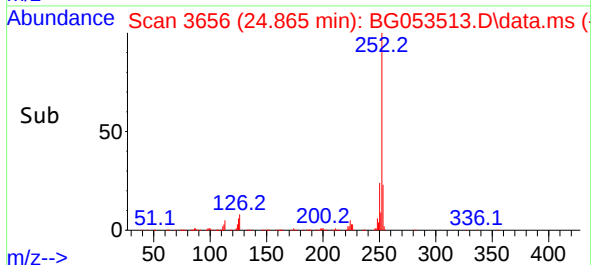
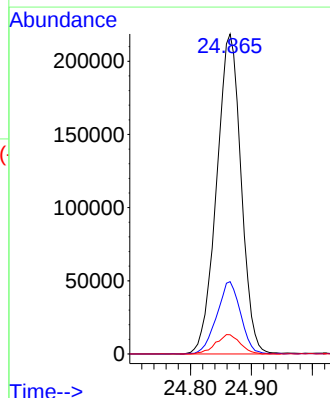
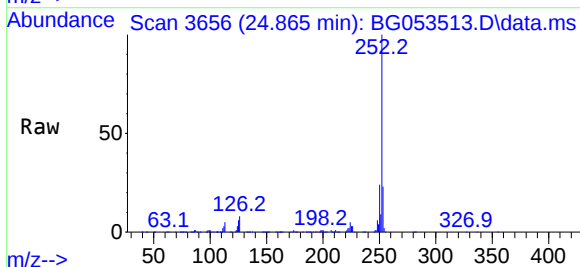
RT: 24.865 min Scan# 3656

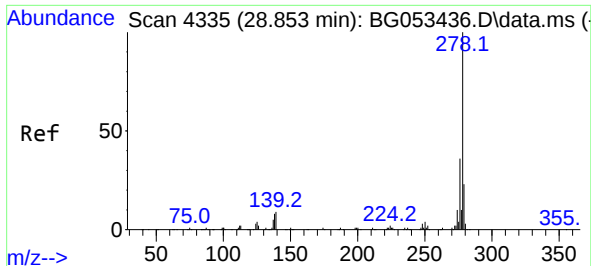
Delta R.T. -0.002 min

Lab File: BG053513.D

Acq: 10 May 2022 18:18

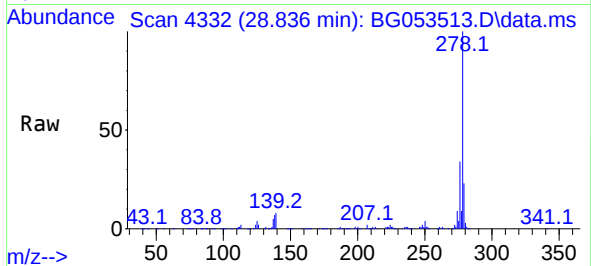
Tgt Ion:252 Resp: 608235
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 6.0 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 52.854 ng
RT: 28.836 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18

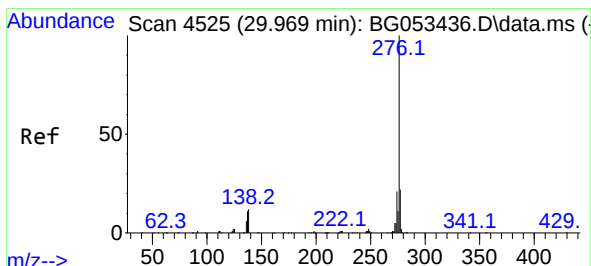
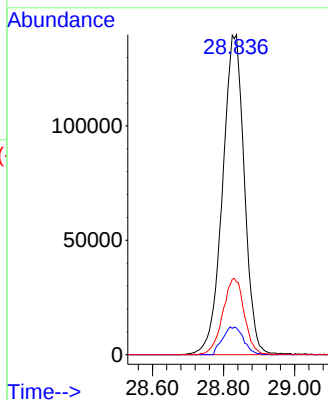
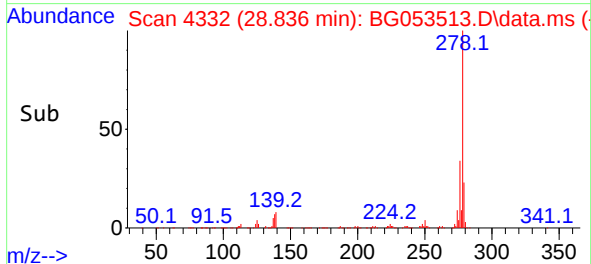
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MSD



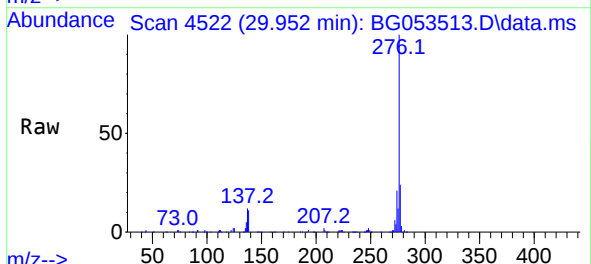
Tgt Ion:278 Resp: 59492
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 22.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#92
Benzo(g,h,i)perylene
Concen: 53.396 ng
RT: 29.952 min Scan# 4522
Delta R.T. -0.002 min
Lab File: BG053513.D
Acq: 10 May 2022 18:18



Tgt Ion:276 Resp: 595762
Ion Ratio Lower Upper
276 100
277 23.7 17.3 25.9
138 11.4 9.6 14.4

