

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053452.D
 Acq On : 5 May 2022 15:58
 Operator : CG/JU
 Sample : PB144603BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144603BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 03:47:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	25173	20.000	ng	0.00	
21) Naphthalene-d8	10.901	136	110300	20.000	ng	-0.01	
39) Acenaphthene-d10	14.719	164	87284	20.000	ng	0.00	
64) Phenanthrene-d10	17.463	188	222840	20.000	ng	0.00	
76) Chrysene-d12	21.739	240	218601	20.000	ng	0.00	
86) Perylene-d12	25.017	264	229318	20.000	ng	-0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.661	112	193624	130.539	ng	0.00	
7) Phenol-d6	7.253	99	282779	125.619	ng	0.00	
23) Nitrobenzene-d5	9.256	82	195381	75.404	ng	0.00	
42) 2,4,6-Tribromophenol	16.205	330	149135	115.848	ng	0.00	
45) 2-Fluorobiphenyl	13.339	172	441336	73.887	ng	0.00	
79) Terphenyl-d14	20.065	244	935994	79.746	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.534	88	22055	28.339	ng		Qvalue # 94
3) Pyridine	3.934	79	54831	28.849	ng		97
4) n-Nitrosodimethylamine	3.846	42	38259	41.324	ng		94
6) Aniline	7.411	93	103954	41.694	ng		98
8) 2-Chlorophenol	7.658	128	69987	45.135	ng		98
9) Benzaldehyde	7.223	77	51968m	36.339	ng		
10) Phenol	7.282	94	97331	44.209	ng		93
11) bis(2-Chloroethyl)ether	7.505	93	66244	40.344	ng		96
12) 1,3-Dichlorobenzene	7.981	146	70893	38.755	ng		94
13) 1,4-Dichlorobenzene	8.128	146	74367	40.287	ng		98
14) 1,2-Dichlorobenzene	8.445	146	70982	40.949	ng		98
15) Benzyl Alcohol	8.328	79	80721m	42.891	ng		
16) 2,2'-oxybis(1-Chloropr...	8.616	45	108682	40.668	ng		98
17) 2-Methylphenol	8.539	107	66233	44.510	ng		97
18) Hexachloroethane	9.180	117	27487	39.212	ng		99
19) n-Nitroso-di-n-propyla...	8.892	70	64592	39.992	ng		96
20) 3+4-Methylphenols	8.862	107	91092	43.344	ng		98
22) Acetophenone	8.915	105	111345	36.884	ng		# 99
24) Nitrobenzene	9.297	77	99528	39.686	ng		95
25) Isophorone	9.820	82	181487	41.618	ng		99
26) 2-Nitrophenol	10.014	139	41320	40.680	ng		91
27) 2,4-Dimethylphenol	10.067	122	72276	47.282	ng		98
28) bis(2-Chloroethoxy)met...	10.296	93	97959	39.059	ng		97
29) 2,4-Dichlorophenol	10.554	162	79241	42.951	ng		91
30) 1,2,4-Trichlorobenzene	10.766	180	79406	37.882	ng		97
31) Naphthalene	10.954	128	216133	38.522	ng		98
32) Benzoic acid	10.231	122	30794m	35.016	ng		
33) 4-Chloroaniline	11.059	127	76924	32.738	ng		95
34) Hexachlorobutadiene	11.236	225	57779	37.173	ng		97
35) Caprolactam	11.829	113	27957m	41.700	ng		
36) 4-Chloro-3-methylphenol	12.181	107	92502	41.916	ng		94
37) 2-Methylnaphthalene	12.552	142	164048	39.179	ng		97
38) 1-Methylnaphthalene	12.769	142	155903	38.163	ng		98
40) 1,2,4,5-Tetrachloroben...	12.922	216	104490	37.978	ng		99
41) Hexachlorocyclopentadiene	12.898	237	103588	91.061	ng		98
43) 2,4,6-Trichlorophenol	13.162	196	71031	39.551	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	76835	40.199	ng	99
46) 1,1'-Biphenyl	13.550	154	228253	38.364	ng	98
47) 2-Chloronaphthalene	13.597	162	176438	37.851	ng	99
48) 2-Nitroaniline	13.797	65	72239	41.590	ng	98
49) Acenaphthylene	14.437	152	307442	41.332	ng	99
50) Dimethylphthalate	14.167	163	259693	39.153	ng	99
51) 2,6-Dinitrotoluene	14.285	165	56213	41.599	ng	97
52) Acenaphthene	14.784	154	172771	38.975	ng	99
53) 3-Nitroaniline	14.619	138	47515	32.543	ng	94
54) 2,4-Dinitrophenol	14.831	184	65118	76.234	ng	98
55) Dibenzofuran	15.113	168	298782	37.525	ng	99
56) 4-Nitrophenol	14.937	139	86159	82.618	ng	88
57) 2,4-Dinitrotoluene	15.078	165	82986	42.367	ng #	87
58) Fluorene	15.765	166	250359	39.182	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.342	232	76234	39.310	ng	97
60) Diethylphthalate	15.524	149	270292	39.450	ng	98
61) 4-Chlorophenyl-phenyle...	15.747	204	136751	38.354	ng	98
62) 4-Nitroaniline	15.782	138	59650	39.389	ng	98
63) Azobenzene	16.041	77	270431	38.545	ng	100
65) 4,6-Dinitro-2-methylph...	15.847	198	49785	37.493	ng	96
66) n-Nitrosodiphenylamine	15.965	169	226358	38.689	ng	99
67) 4-Bromophenyl-phenylether	16.646	248	100650	38.674	ng	97
68) Hexachlorobenzene	16.775	284	110634	38.816	ng	98
69) Atrazine	16.904	200	97535	39.599	ng	94
70) Pentachlorophenol	17.122	266	110952	72.733	ng	93
71) Phenanthrene	17.504	178	439373	38.776	ng	97
72) Anthracene	17.592	178	445850	40.032	ng	99
73) Carbazole	17.862	167	406734	37.263	ng	99
74) Di-n-butylphthalate	18.408	149	476397	38.807	ng	99
75) Fluoranthene	19.513	202	568956	38.780	ng	99
77) Benzidine	19.683	184	288121	61.151	ng	100
78) Pyrene	19.871	202	560411	39.602	ng	100
80) Butylbenzylphthalate	20.746	149	205832	39.666	ng	99
81) Benzo(a)anthracene	21.721	228	564020	40.452	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	157053	44.419	ng	99
83) Chrysene	21.786	228	505946	38.853	ng	98
84) Bis(2-ethylhexyl)phtha...	21.610	149	294024	41.052	ng	100
85) Di-n-octyl phthalate	22.838	149	504388	41.646	ng	99
87) Indeno(1,2,3-cd)pyrene	28.783	276	636287	39.839	ng #	95
88) Benzo(b)fluoranthene	23.977	252	584482	43.060	ng	99
89) Benzo(k)fluoranthene	24.048	252	562412	42.165	ng	97
90) Benzo(a)pyrene	24.870	252	567603	49.129	ng	99
91) Dibenzo(a,h)anthracene	28.841	278	548648	41.689	ng	97
92) Benzo(g,h,i)perylene	29.963	276	553266	42.411	ng	95

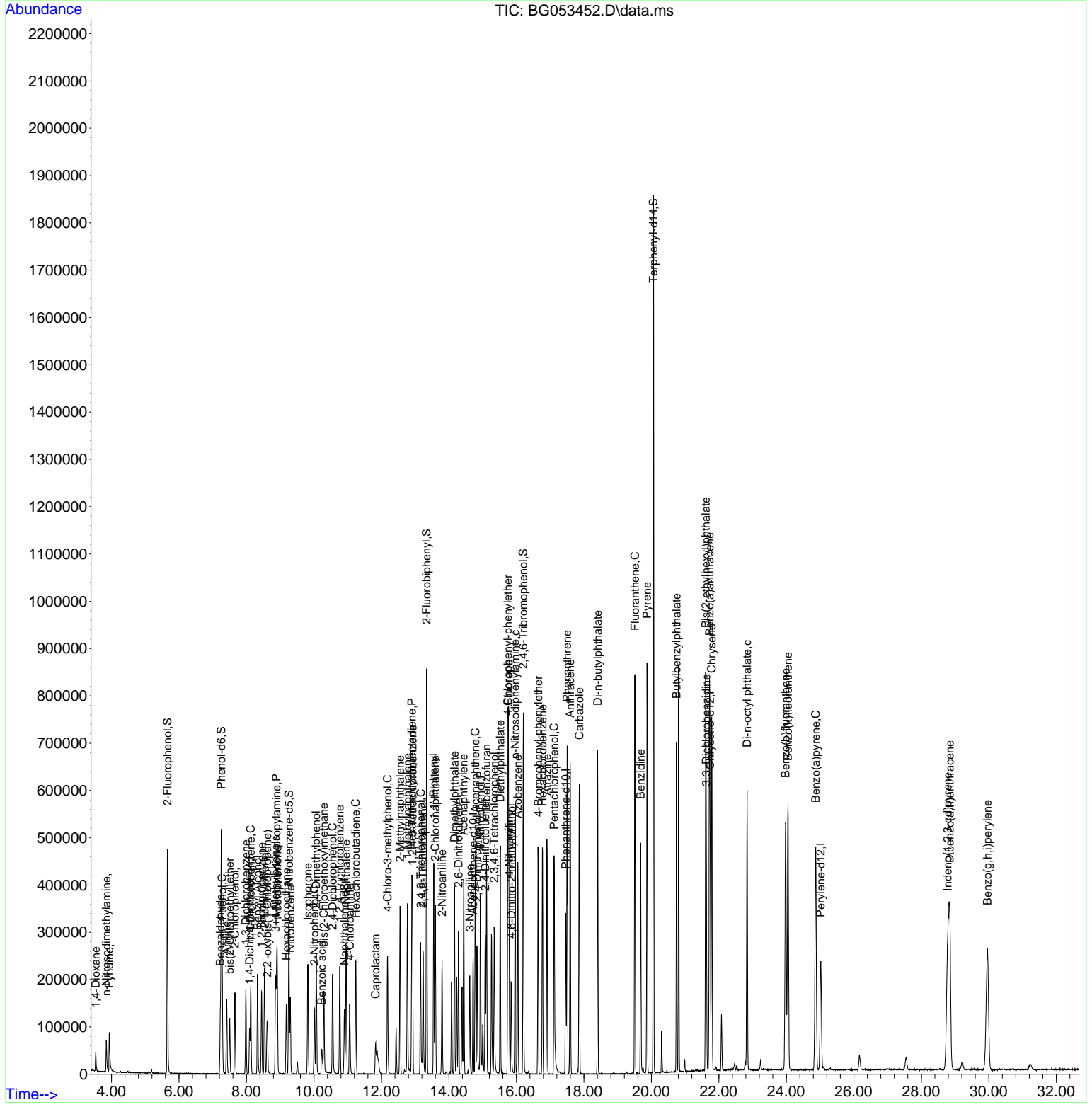
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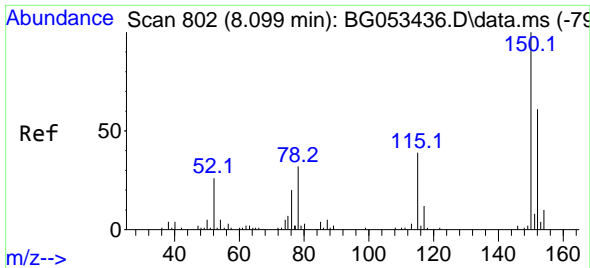
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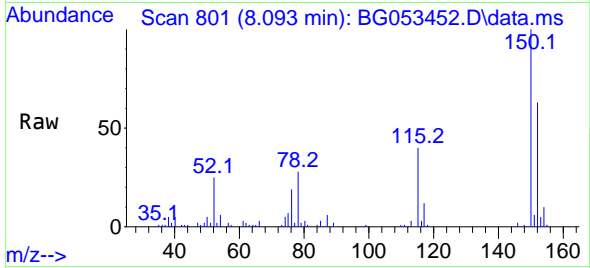
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.093 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

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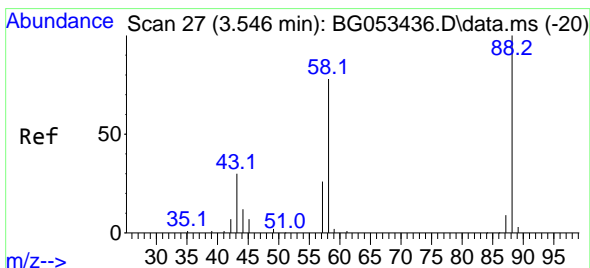
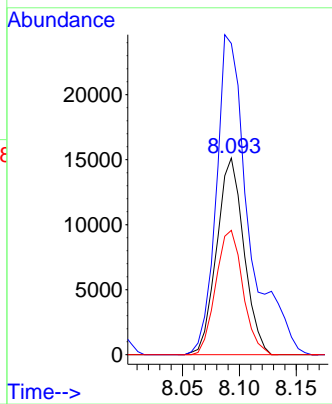
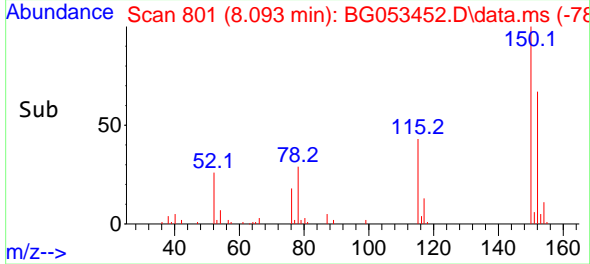


Tgt Ion:152 Resp: 2517
 Ion Ratio Lower Upper
 152 100
 150 158.3 131.6 197.4
 115 63.2 50.9 76.3

Manual Integrations

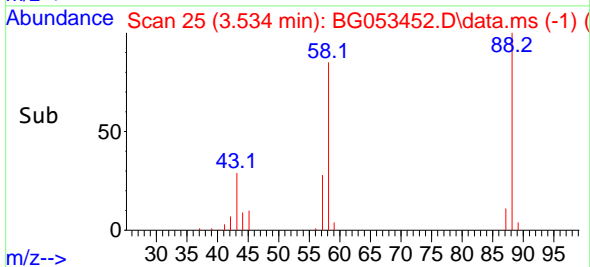
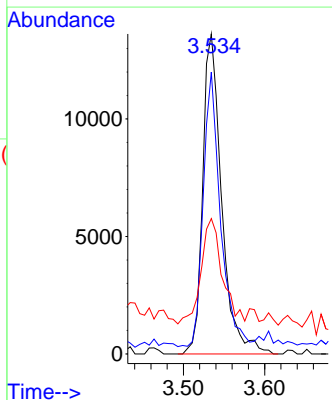
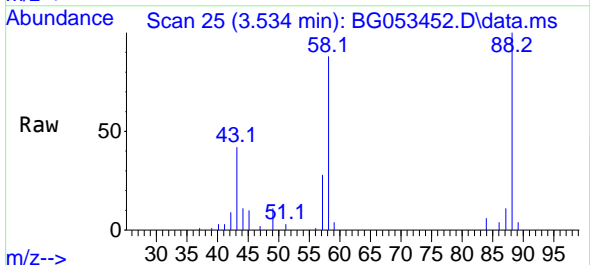
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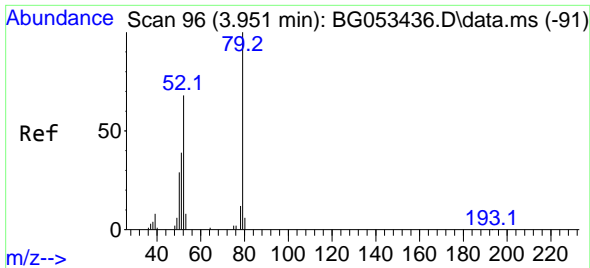
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#2
 1,4-Dioxane
 Concen: 28.339 ng
 RT: 3.534 min Scan# 25
 Delta R.T. -0.012 min
 Lab File: BG053452.D
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Tgt Ion: 88 Resp: 22055
 Ion Ratio Lower Upper
 88 100
 58 77.5 59.2 88.8
 43 36.8 24.3 36.5#





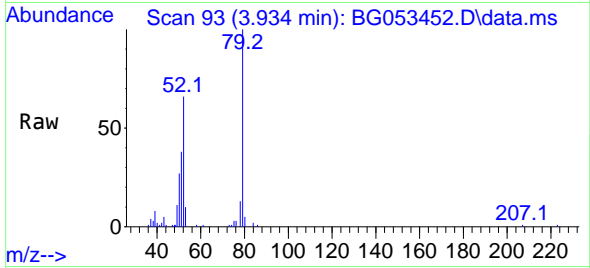
#3
 Pyridine
 Concen: 28.849 ng
 RT: 3.934 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

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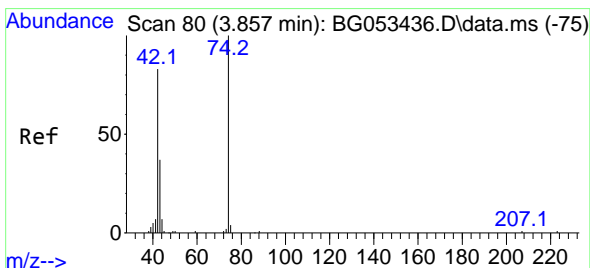
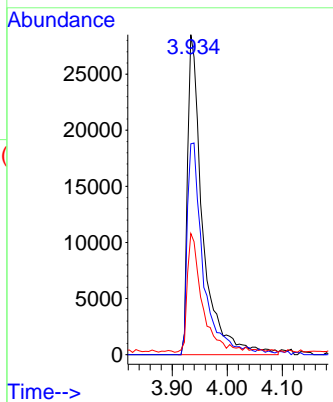
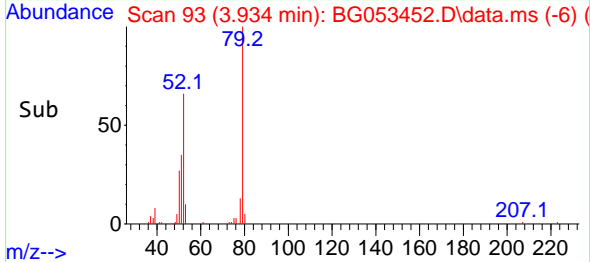
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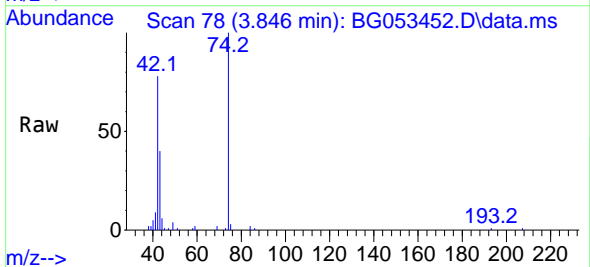
Tgt Ion: 79 Resp: 5483
 Ion Ratio Lower Upper
 79 100
 52 65.9 54.6 81.8
 51 37.9 32.5 48.7

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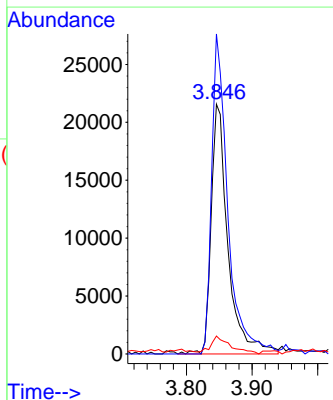
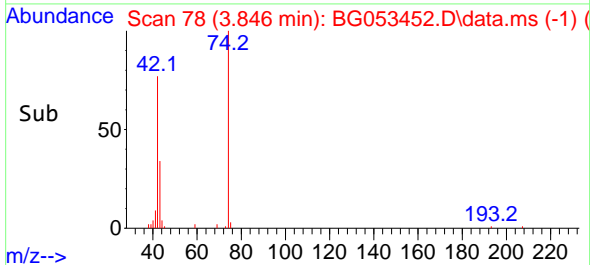
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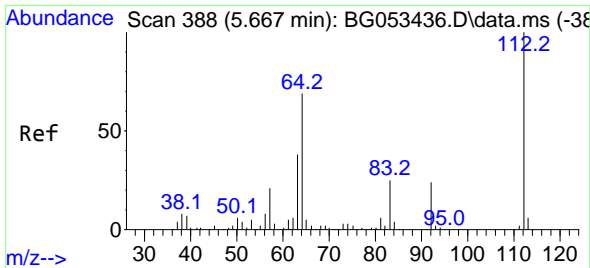


#4
 n-Nitrosodimethylamine
 Concen: 41.324 ng
 RT: 3.846 min Scan# 78
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion: 42 Resp: 38259
 Ion Ratio Lower Upper
 42 100
 74 128.1 97.0 145.4
 44 7.2 7.0 10.4





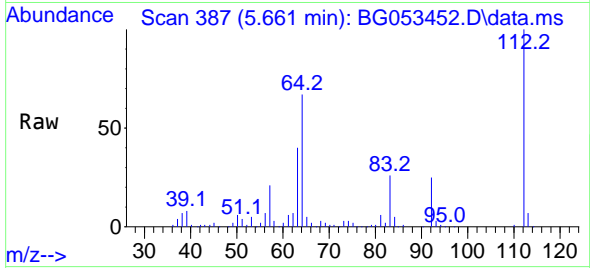
#5
 2-Fluorophenol
 Concen: 130.539 ng
 RT: 5.661 min Scan# 388
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

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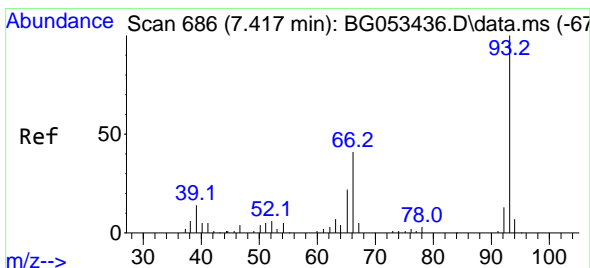
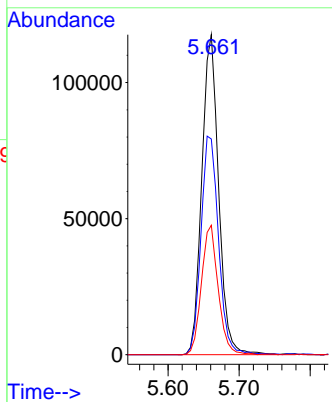
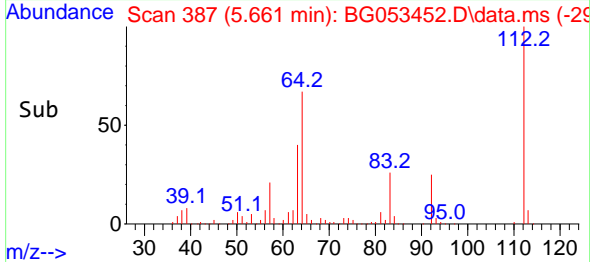


Tgt Ion:112 Resp: 193624
 Ion Ratio Lower Upper
 112 100
 64 67.4 55.1 82.7
 63 40.4 30.4 45.6

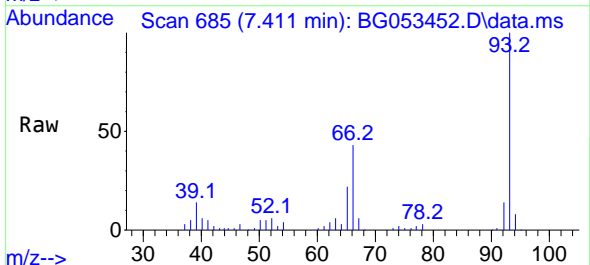
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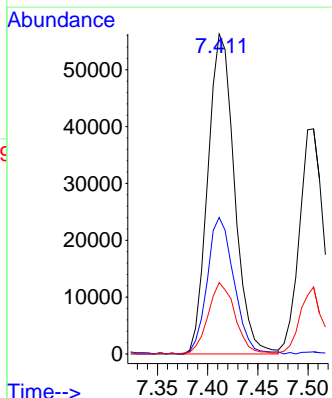
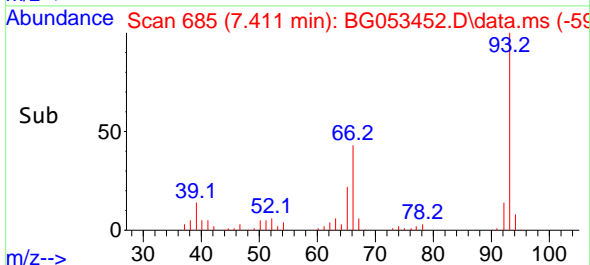
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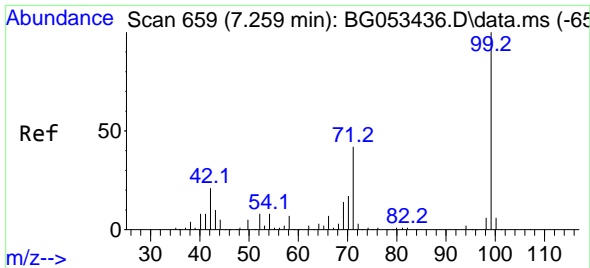


#6
 Aniline
 Concen: 41.694 ng
 RT: 7.411 min Scan# 685
 Delta R.T. -0.006 min
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Tgt Ion: 93 Resp: 103954
 Ion Ratio Lower Upper
 93 100
 66 42.6 32.9 49.3
 65 22.3 17.8 26.8





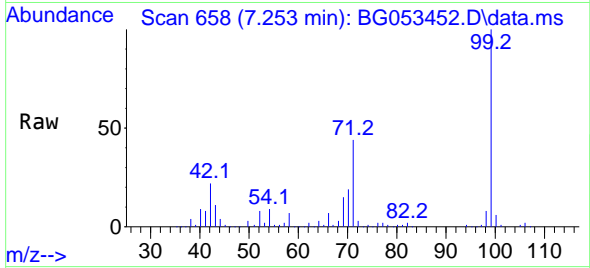
#7
Phenol-d6
Concen: 125.619 ng
RT: 7.253 min Scan# 658
Delta R.T. -0.006 min
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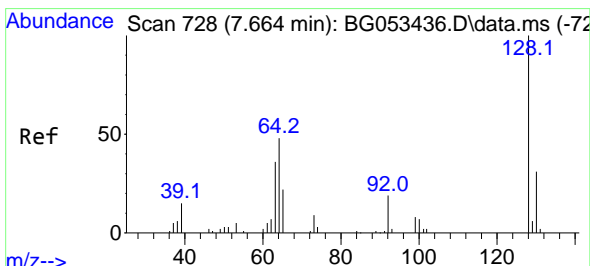
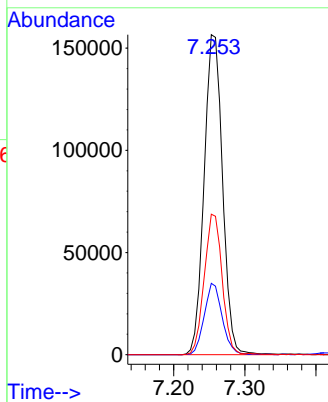
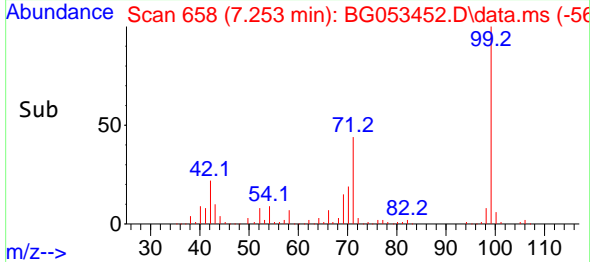


Tgt Ion: 99 Resp: 282779
Ion Ratio Lower Upper
99 100
42 22.3 17.0 25.6
71 43.9 33.8 50.8

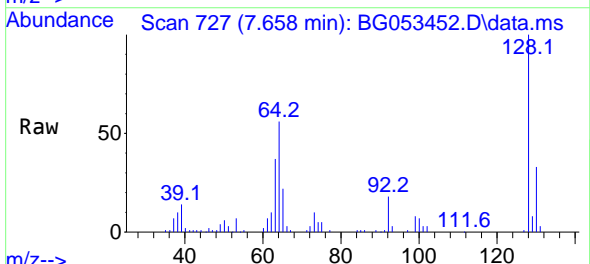
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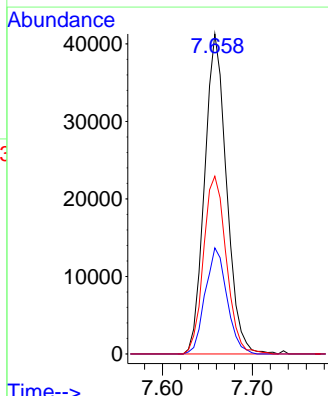
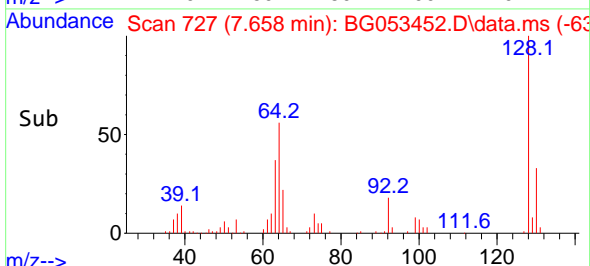
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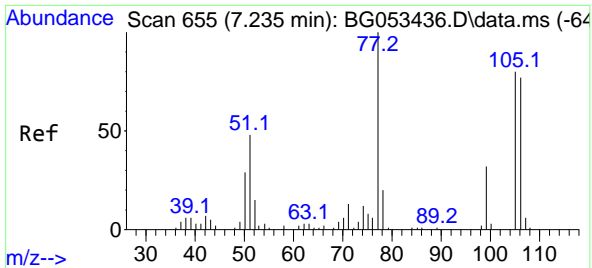


#8
2-Chlorophenol
Concen: 45.135 ng
RT: 7.658 min Scan# 727
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 69987
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 55.6 35.1 75.1





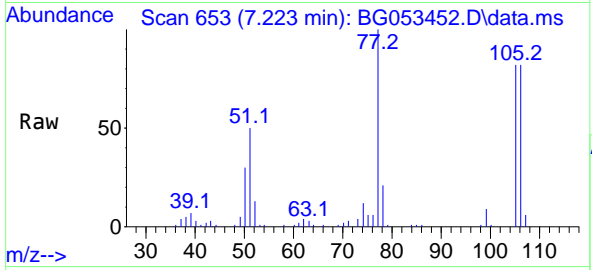
#9
Benzaldehyde
Concen: 36.339 ng m
RT: 7.223 min Scan# 61
Delta R.T. -0.012 min
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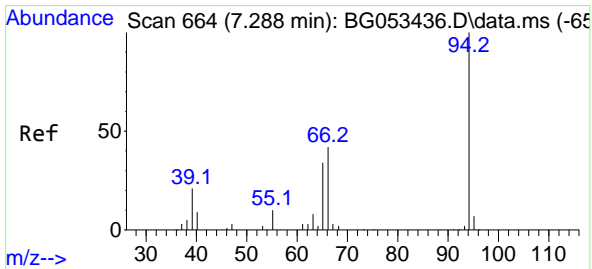
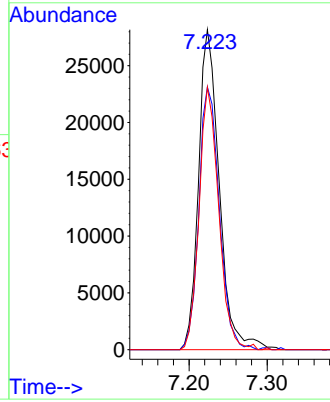
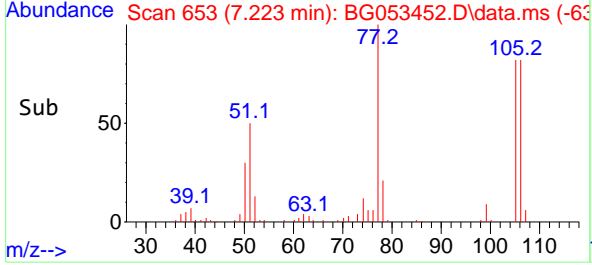


Tgt Ion: 77 Resp: 5196
Ion Ratio Lower Upper
77 100
105 82.1 59.6 99.6
106 82.0 56.8 96.8

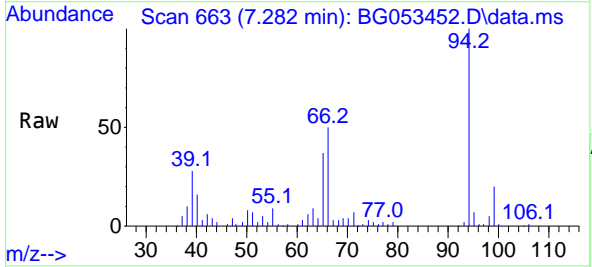
Manual Integrations

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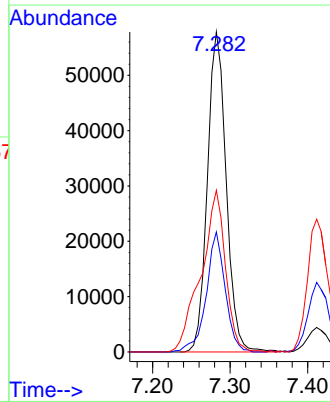
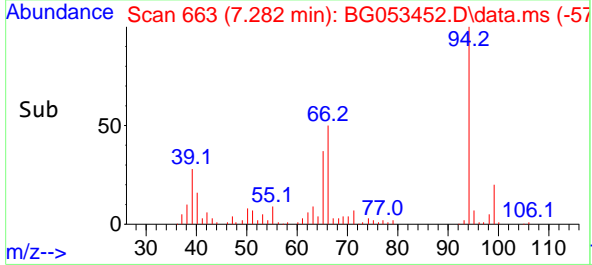
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

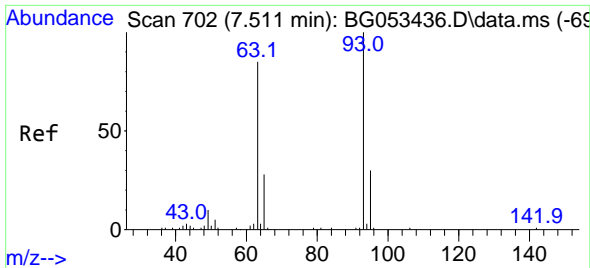


#10
Phenol
Concen: 44.209 ng
RT: 7.282 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58



Tgt Ion: 94 Resp: 97331
Ion Ratio Lower Upper
94 100
65 37.5 14.8 54.8
66 50.5 25.2 65.2





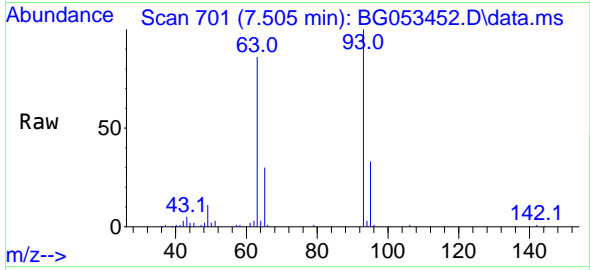
#11
 bis(2-Chloroethyl)ether
 Concen: 40.344 ng
 RT: 7.505 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

Client Sample Id :

PB144603BS

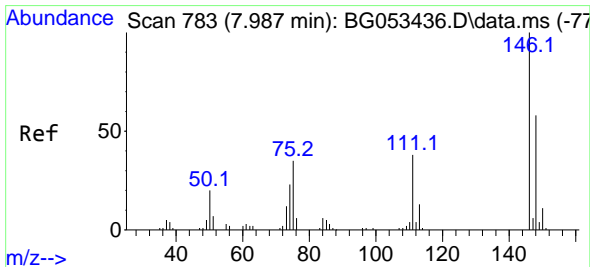
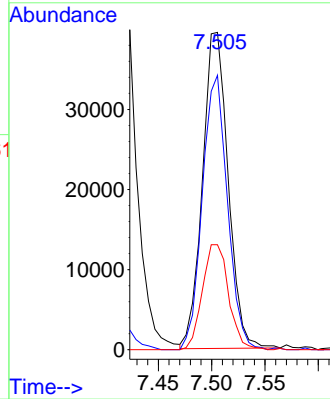
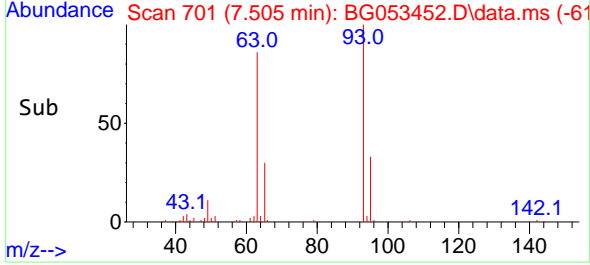


Tgt Ion: 93 Resp: 66244
 Ion Ratio Lower Upper
 93 100
 63 86.5 63.6 103.6
 95 33.1 10.1 50.1

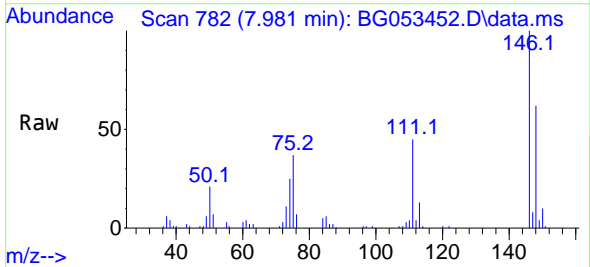
Manual Integrations

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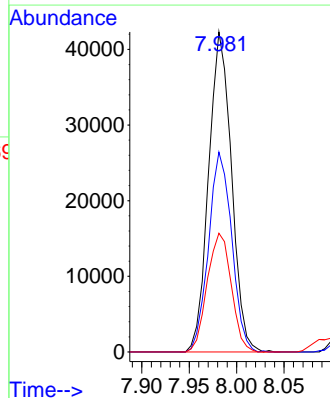
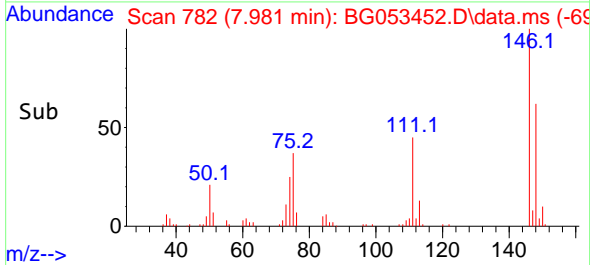
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

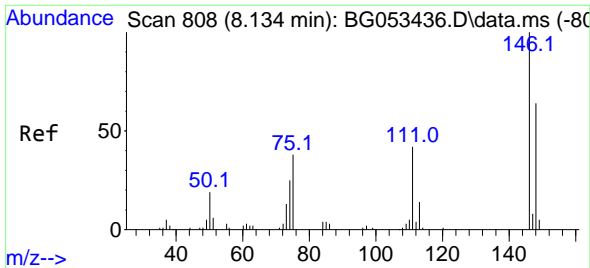


#12
 1,3-Dichlorobenzene
 Concen: 38.755 ng
 RT: 7.981 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:146 Resp: 70893
 Ion Ratio Lower Upper
 146 100
 148 62.4 46.1 69.1
 75 37.1 27.6 41.4





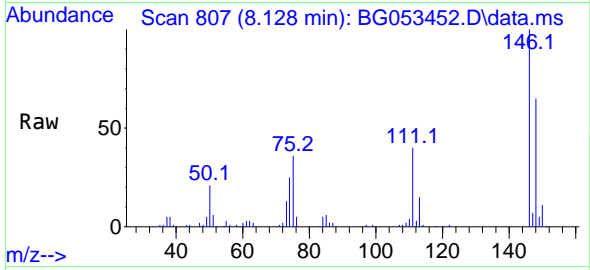
#13
 1,4-Dichlorobenzene
 Concen: 40.287 ng
 RT: 8.128 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

Client Sample Id :

PB144603BS

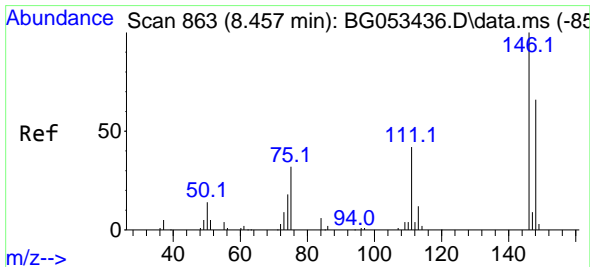
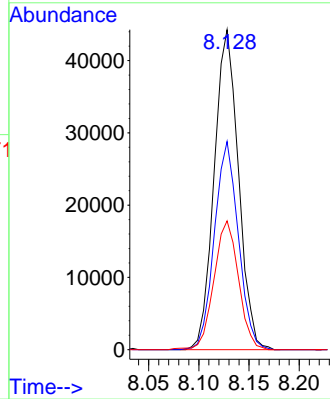
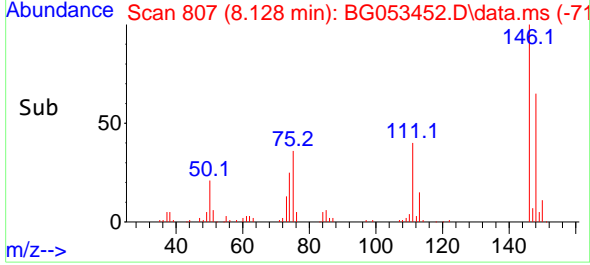


Tgt Ion:146 Resp: 7436
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.5 77.3
 111 40.3 33.9 50.9

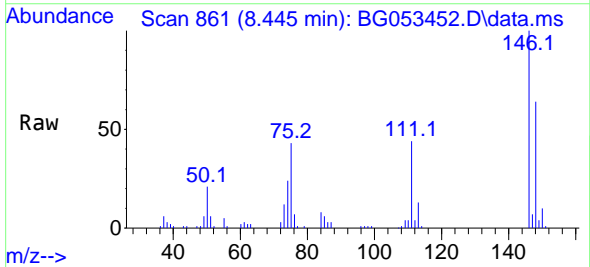
Manual Integrations

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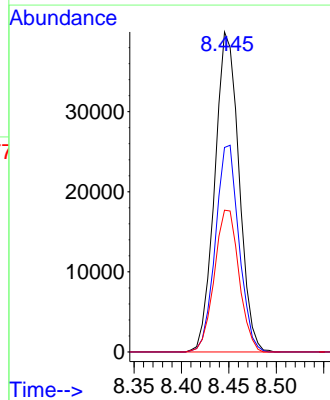
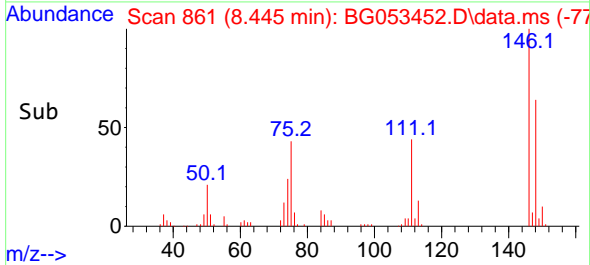
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

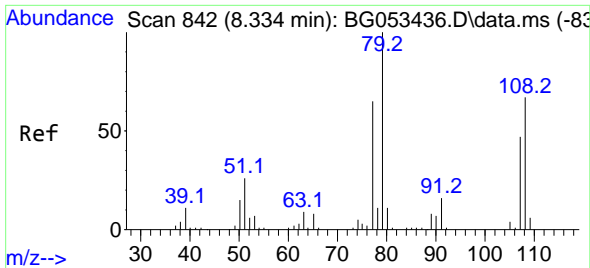


#14
 1,2-Dichlorobenzene
 Concen: 40.949 ng
 RT: 8.445 min Scan# 861
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:146 Resp: 70982
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.6 78.8
 111 44.3 34.5 51.7





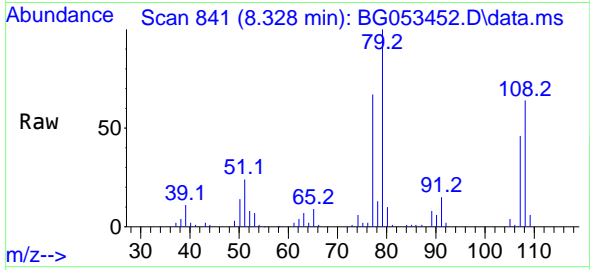
#15
 Benzyl Alcohol
 Concen: 42.891 ng m
 RT: 8.328 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

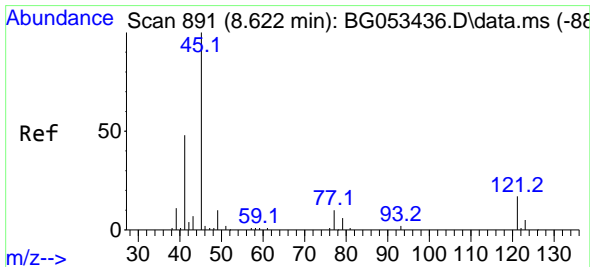
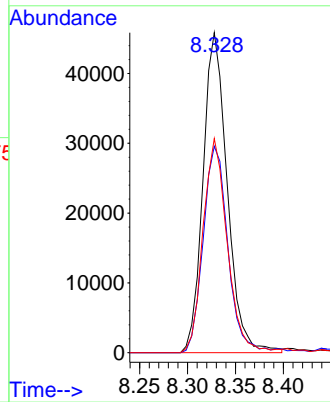
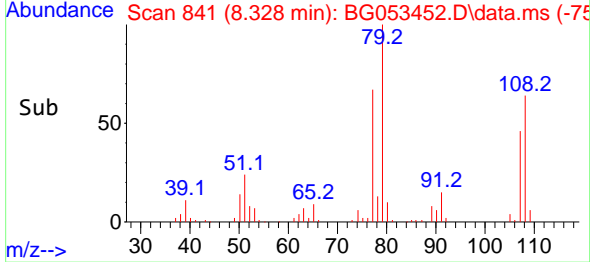


Tgt Ion: 79 Resp: 8072
 Ion Ratio Lower Upper
 79 100
 108 64.5 53.7 80.5
 77 66.9 52.2 78.4

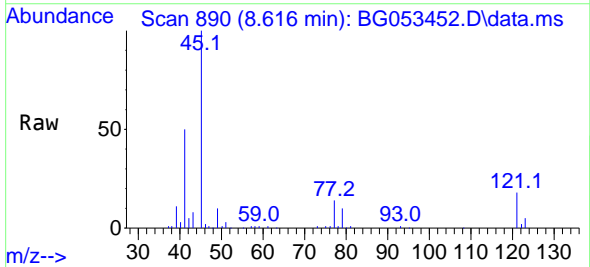
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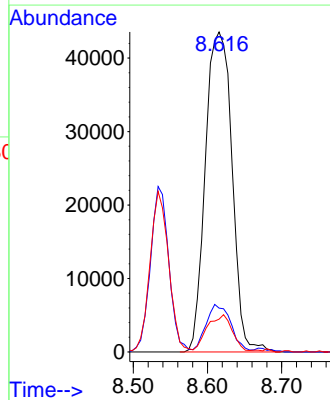
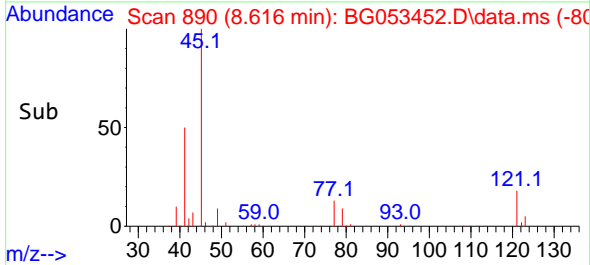
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

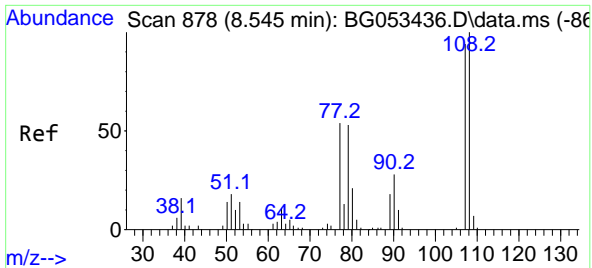


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 40.668 ng
 RT: 8.616 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



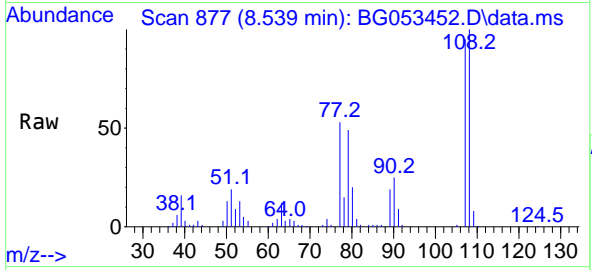
Tgt Ion: 45 Resp: 108682
 Ion Ratio Lower Upper
 45 100
 77 13.7 0.0 32.7
 79 10.3 0.0 29.7





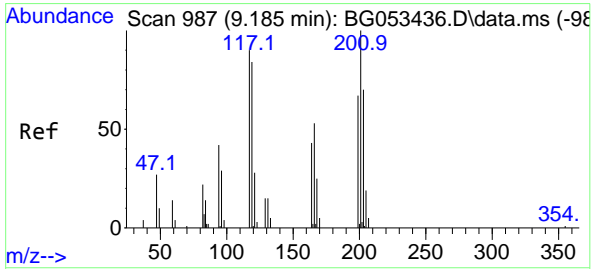
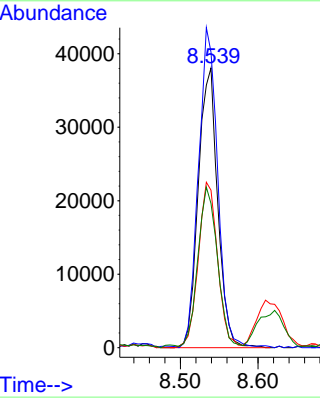
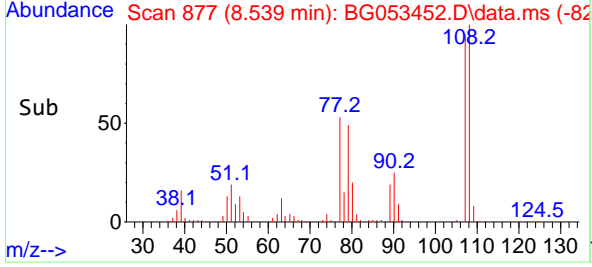
#17
 2-Methylphenol
 Concen: 44.510 ng
 RT: 8.539 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument : BNA_G
 ClientSampleId : PB144603BS

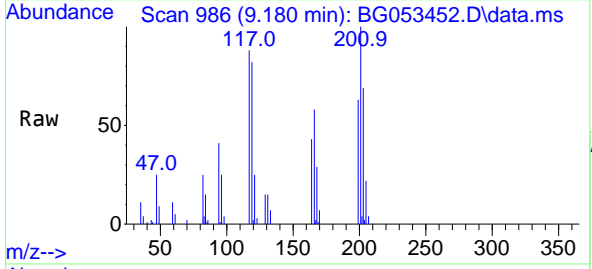


Tgt Ion:107 Resp: 6623
 Ion Ratio Lower Upper
 107 100
 108 105.6 85.4 128.0
 77 56.3 46.2 69.2
 79 51.5 46.1 69.1

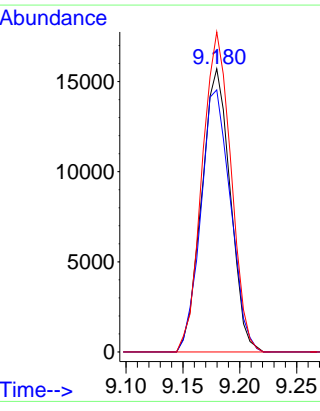
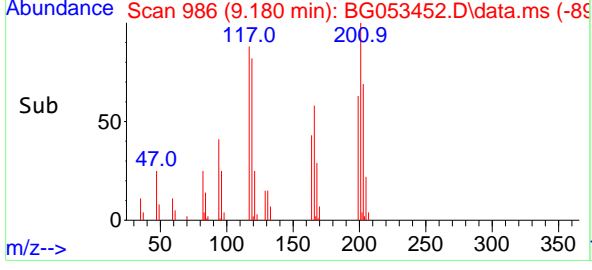
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 Supervised By :mohammad ahmed 05/09/2022

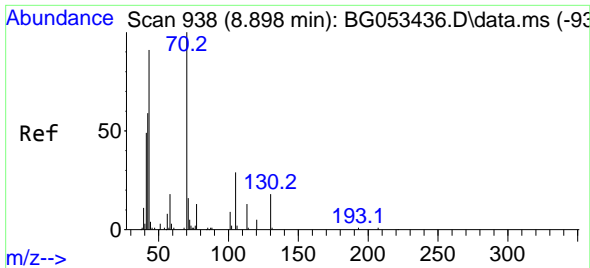


#18
 Hexachloroethane
 Concen: 39.212 ng
 RT: 9.180 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:117 Resp: 27487
 Ion Ratio Lower Upper
 117 100
 119 92.6 75.0 112.6
 201 113.0 89.0 133.6





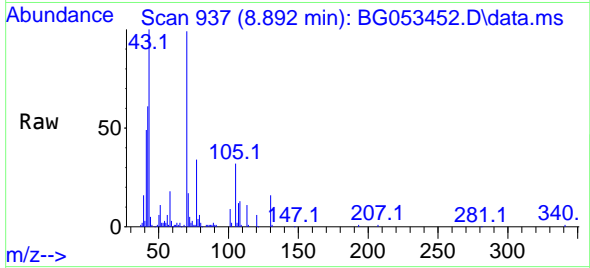
#19
 n-Nitroso-di-n-propylamine
 Concen: 39.992 ng
 RT: 8.892 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

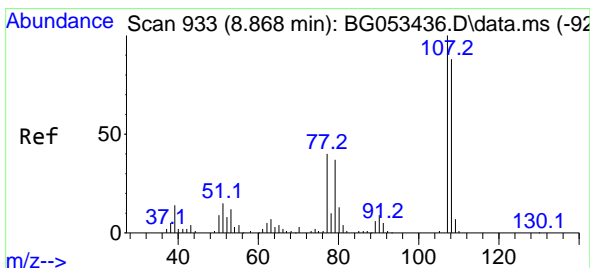
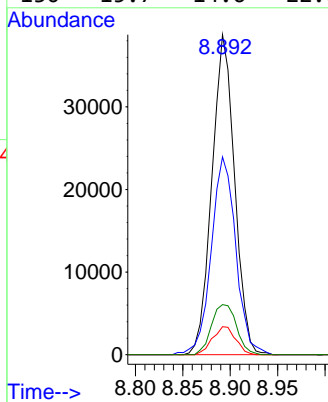
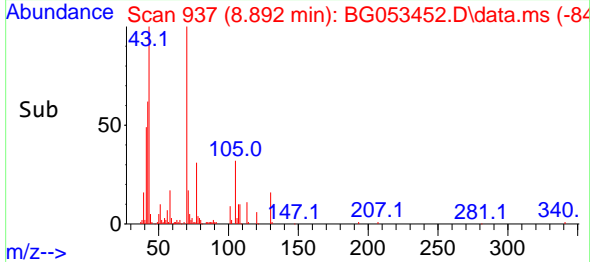


Tgt Ion: 70 Resp: 64592
 Ion Ratio Lower Upper
 70 100
 42 61.8 47.3 70.9
 101 8.8 7.0 10.4
 130 15.7 14.6 22.0

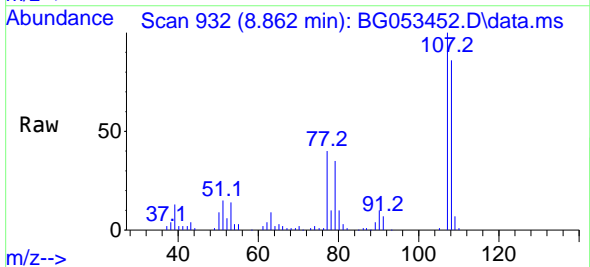
Manual Integrations

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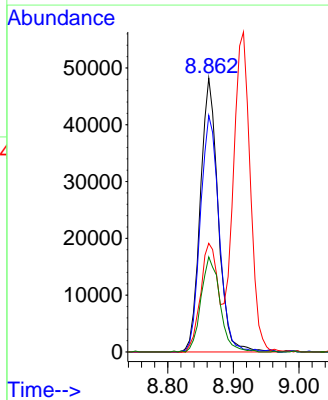
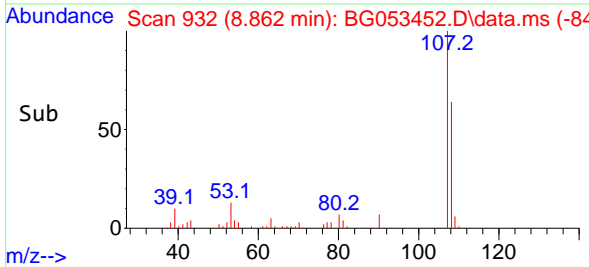
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

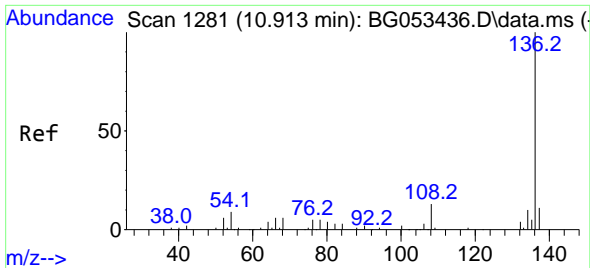


#20
 3+4-Methylphenols
 Concen: 43.344 ng
 RT: 8.862 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:107 Resp: 91092
 Ion Ratio Lower Upper
 107 100
 108 86.3 67.5 107.5
 77 39.7 20.3 60.3
 79 34.7 16.7 56.7





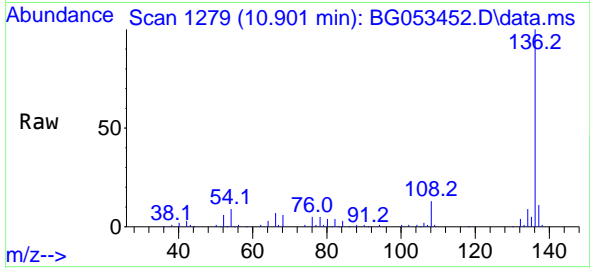
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.901 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS



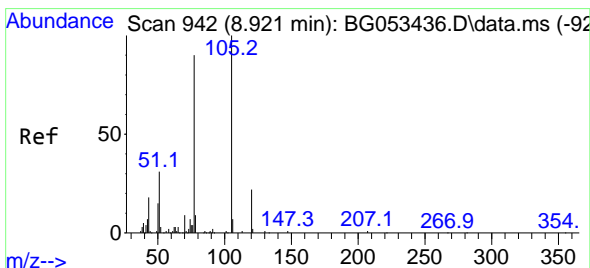
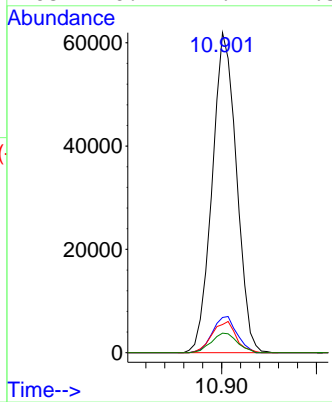
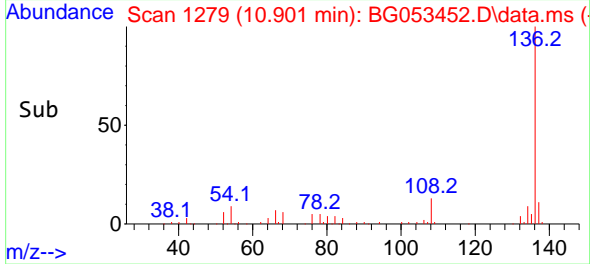
Tgt Ion:136 Resp: 110300

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.8	7.4	11.2
68	6.1	4.9	7.3

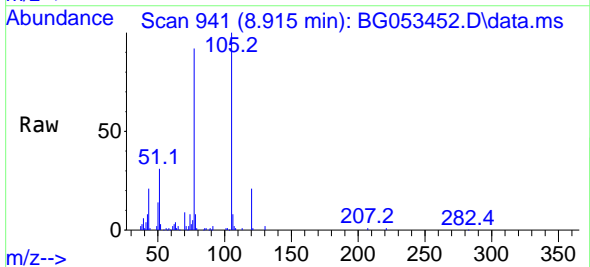
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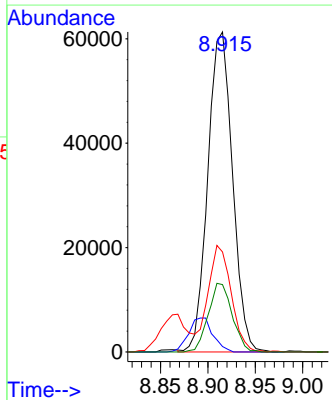
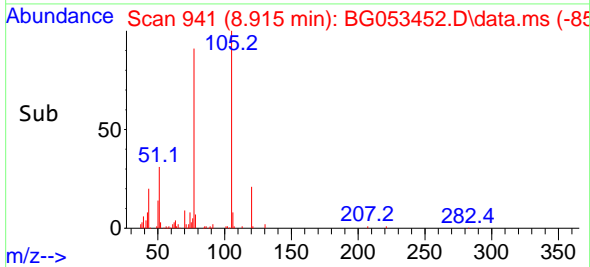


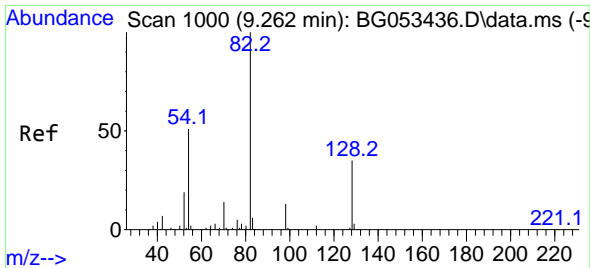
#22
 Acetophenone
 Concen: 36.884 ng
 RT: 8.915 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:105 Resp: 111345

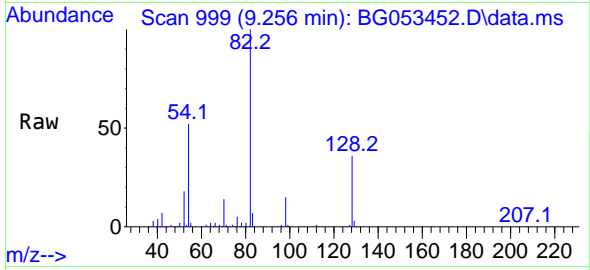
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.1	1.7#
51	31.2	25.4	38.0
120	21.1	17.3	25.9





#23
 Nitrobenzene-d5
 Concen: 75.404 ng
 RT: 9.256 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

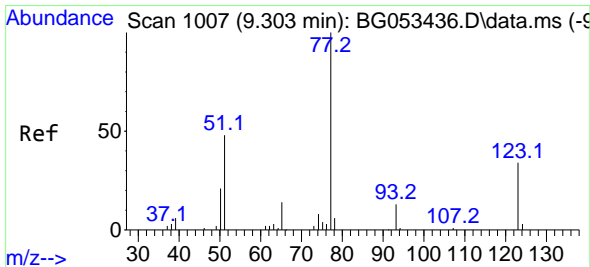
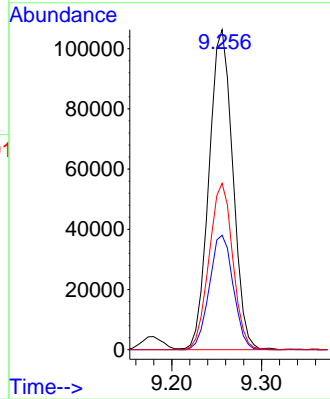
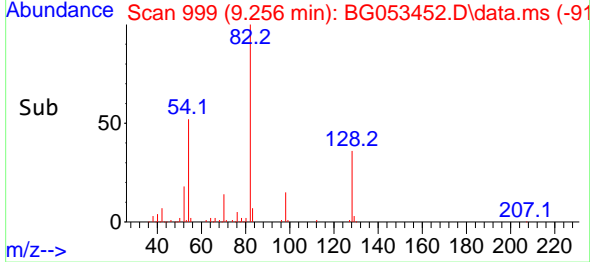
Instrument :
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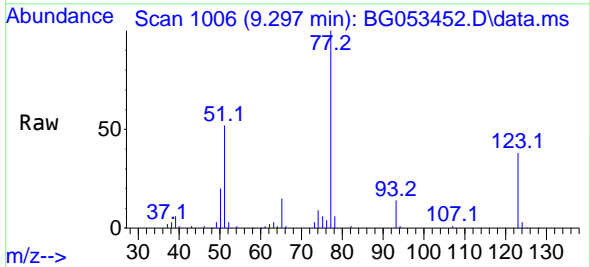
Tgt Ion: 82 Resp: 19538
 Ion Ratio Lower Upper
 82 100
 128 35.7 27.9 41.9
 54 52.0 41.2 61.8

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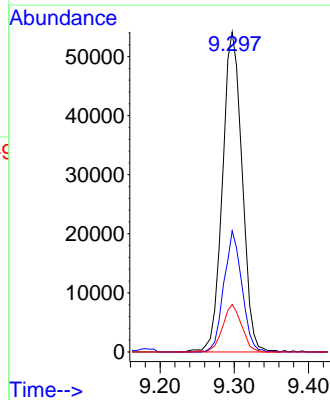
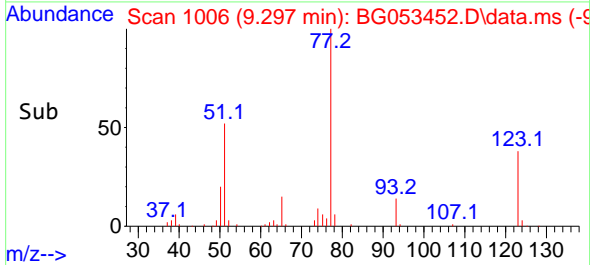
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

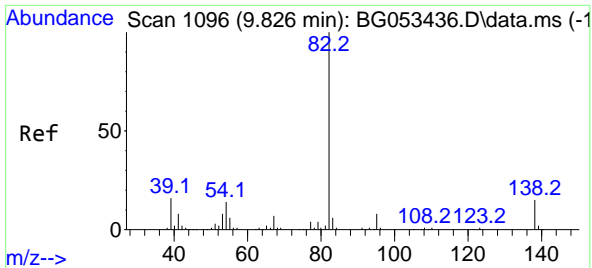


#24
 Nitrobenzene
 Concen: 39.686 ng
 RT: 9.297 min Scan# 1006
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



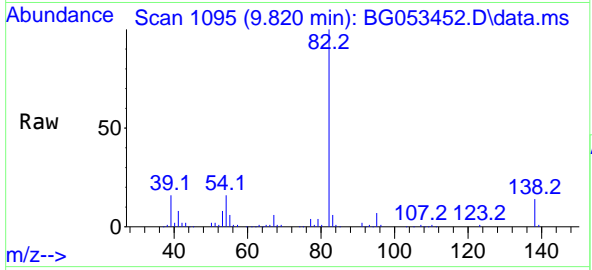
Tgt Ion: 77 Resp: 99528
 Ion Ratio Lower Upper
 77 100
 123 37.8 27.4 41.0
 65 14.8 11.4 17.0





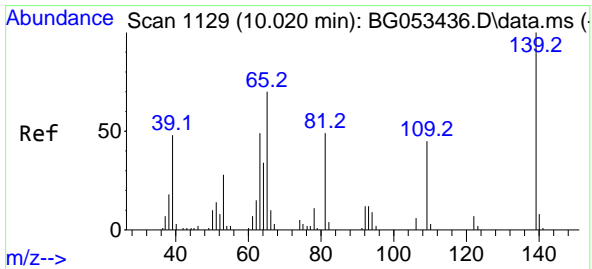
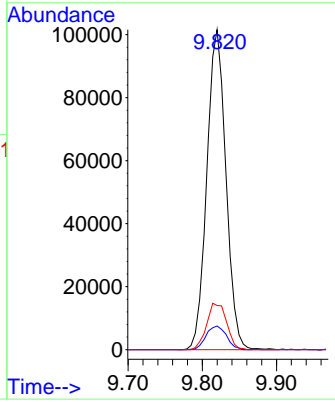
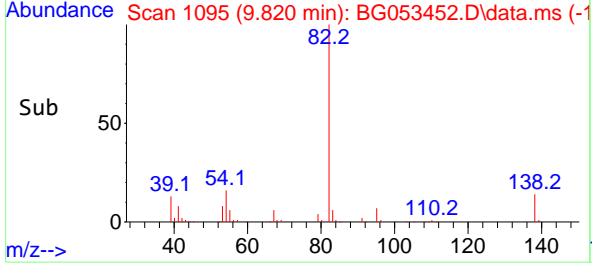
#25
 Isophorone
 Concen: 41.618 ng
 RT: 9.820 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument : BNA_G
 Client SampleId : PB144603BS

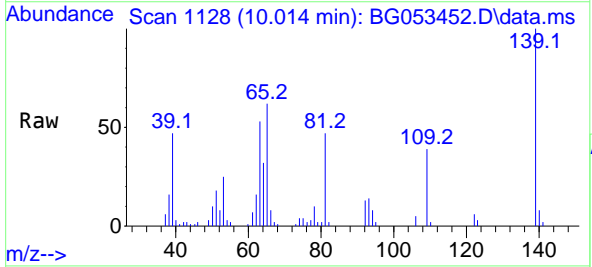


Tgt Ion: 82 Resp: 18148
 Ion Ratio Lower Upper
 82 100
 95 7.4 6.2 9.4
 138 13.8 11.6 17.4

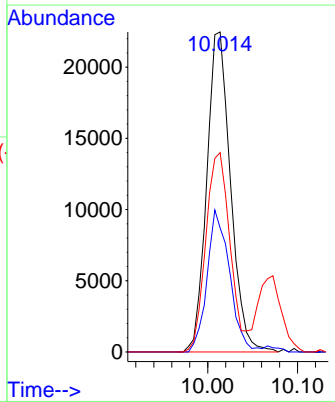
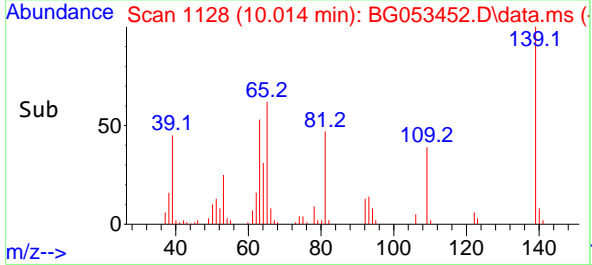
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 Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

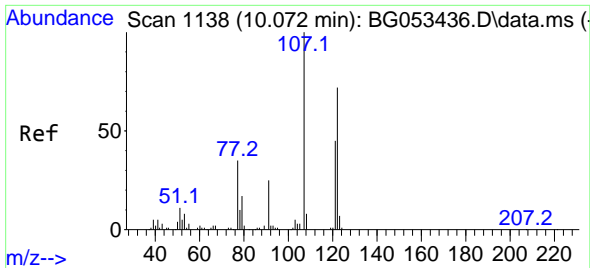


#26
 2-Nitrophenol
 Concen: 40.680 ng
 RT: 10.014 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:139 Resp: 41320
 Ion Ratio Lower Upper
 139 100
 109 38.7 36.1 54.1
 65 62.3 55.8 83.6





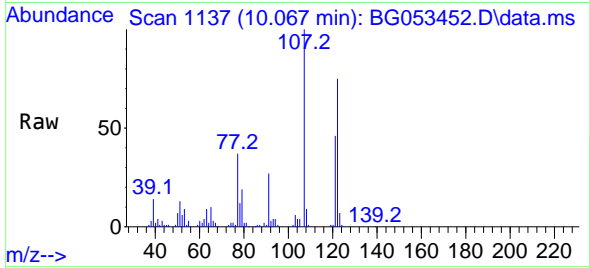
#27
 2,4-Dimethylphenol
 Concen: 47.282 ng
 RT: 10.067 min Scan# 1137
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

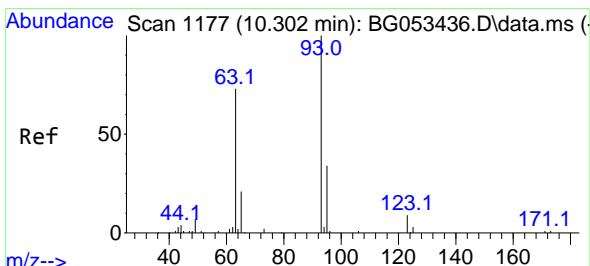
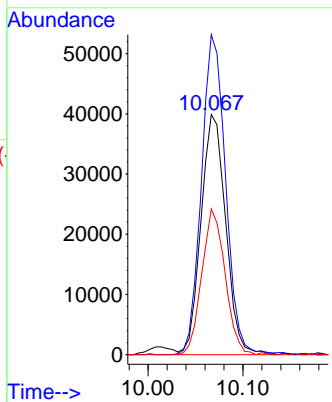
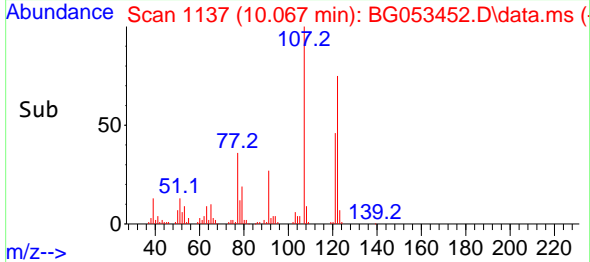


Tgt Ion:122 Resp: 72270
 Ion Ratio Lower Upper
 122 100
 107 133.2 109.4 164.0
 121 60.7 48.7 73.1

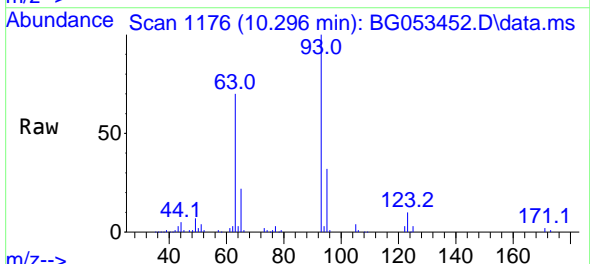
Manual Integrations

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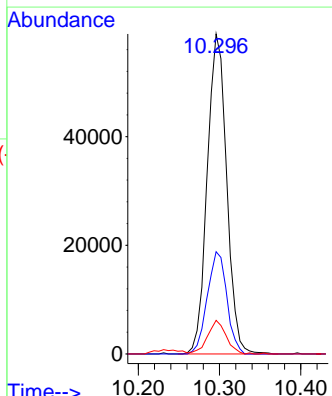
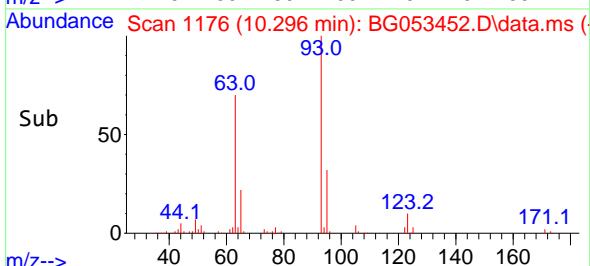
Reviewed By :Christian Giraldo 05/06/2022
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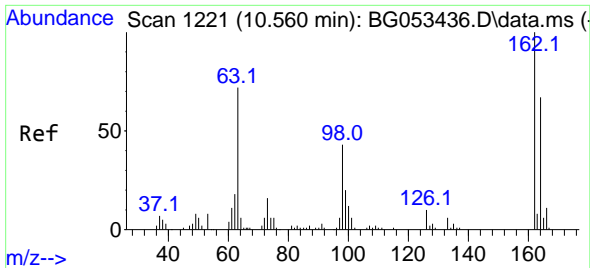


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.059 ng
 RT: 10.296 min Scan# 1176
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion: 93 Resp: 97959
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.9 40.3
 123 10.5 7.7 11.5





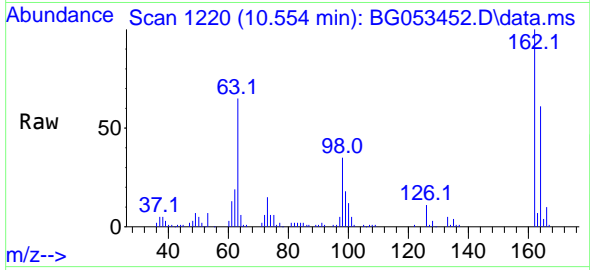
#29
 2,4-Dichlorophenol
 Concen: 42.951 ng
 RT: 10.554 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

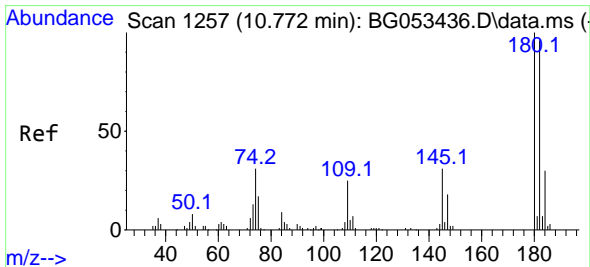
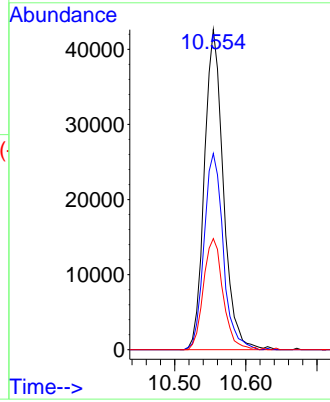
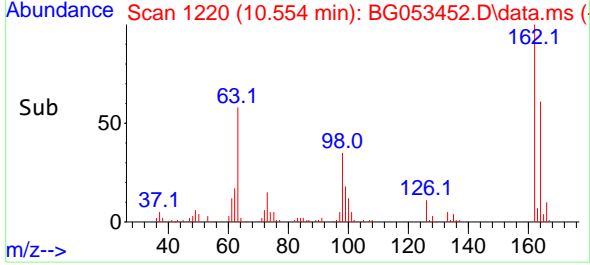


Tgt Ion:162 Resp: 7924
 Ion Ratio Lower Upper
 162 100
 164 61.3 46.6 86.6
 98 34.7 22.8 62.8

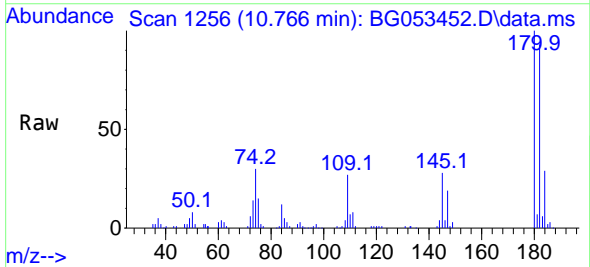
Manual Integrations

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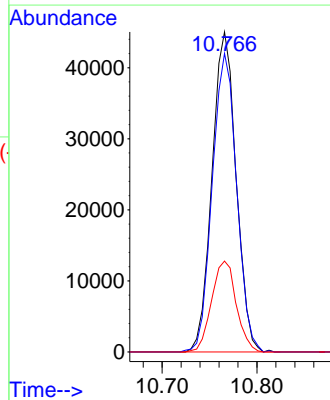
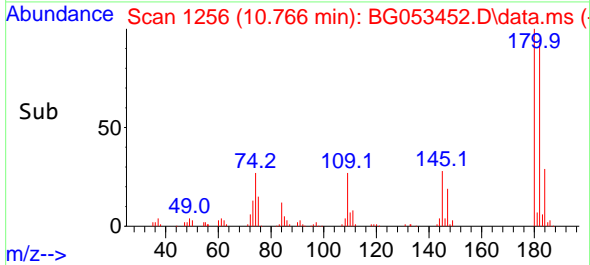
Reviewed By :Christian Giraldo 05/06/2022
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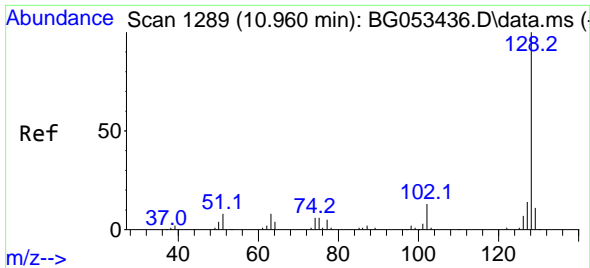


#30
 1,2,4-Trichlorobenzene
 Concen: 37.882 ng
 RT: 10.766 min Scan# 1256
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:180 Resp: 79406
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.6 115.0
 145 28.4 25.0 37.4





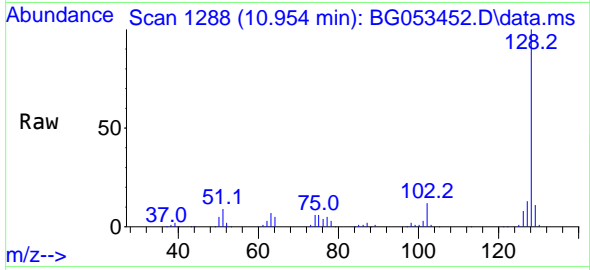
#31
 Naphthalene
 Concen: 38.522 ng
 RT: 10.954 min Scan# 1165
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

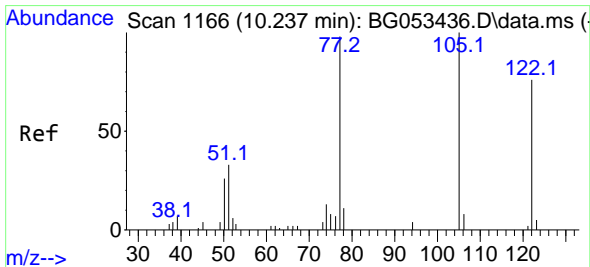
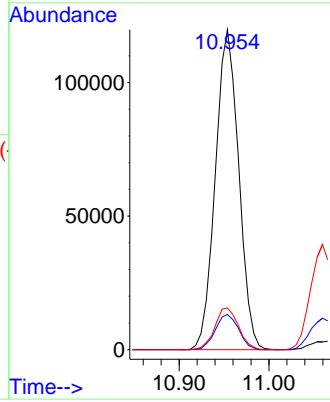
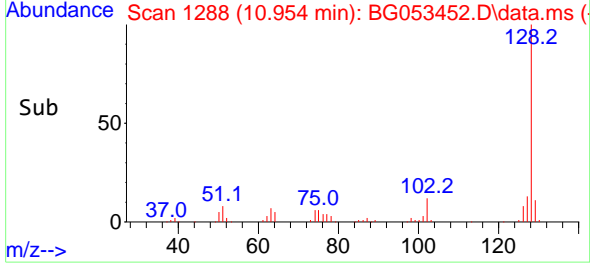


Tgt Ion:128 Resp: 21613
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.0 11.1 16.7

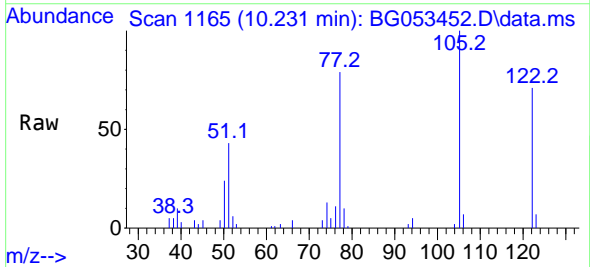
Manual Integrations

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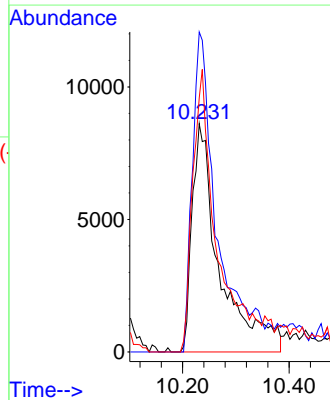
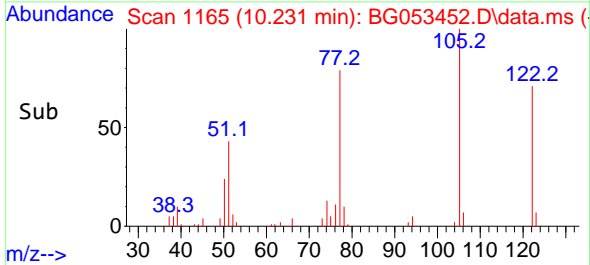
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

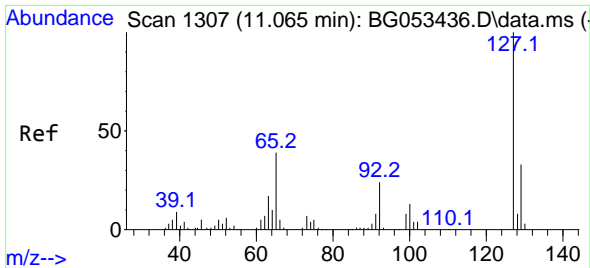


#32
 Benzoic acid
 Concen: 35.016 ng m
 RT: 10.231 min Scan# 1165
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:122 Resp: 30794
 Ion Ratio Lower Upper
 122 100
 105 140.1 111.8 151.8
 77 111.2 109.4 149.4





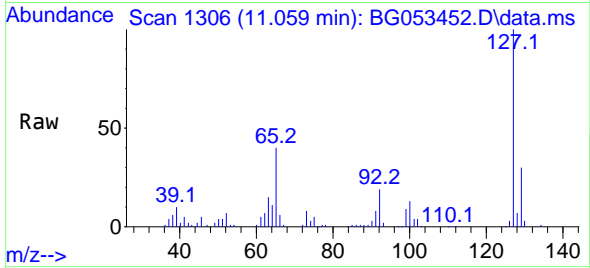
#33
 4-Chloroaniline
 Concen: 32.738 ng
 RT: 11.059 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

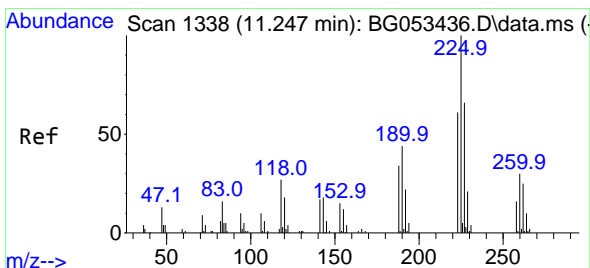
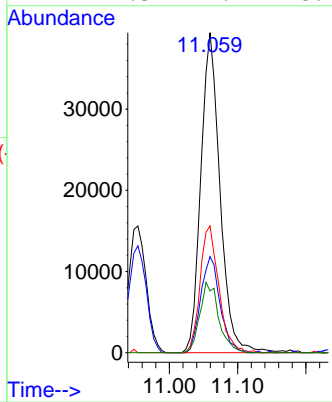
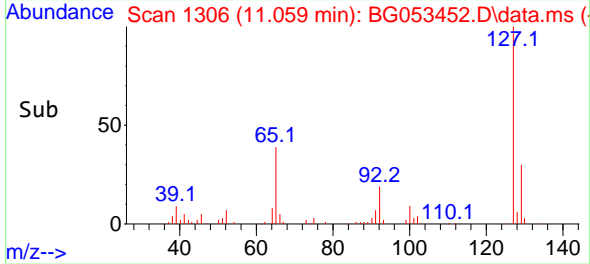


Tgt Ion:127 Resp: 76924
 Ion Ratio Lower Upper
 127 100
 129 30.0 26.3 39.5
 65 39.6 31.1 46.7
 92 19.3 19.1 28.7

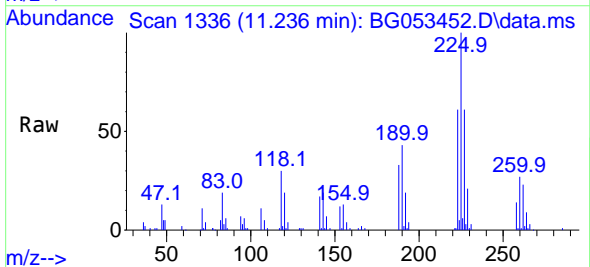
Manual Integrations

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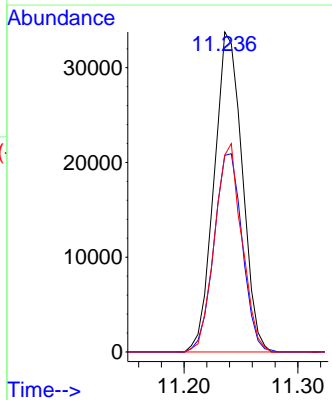
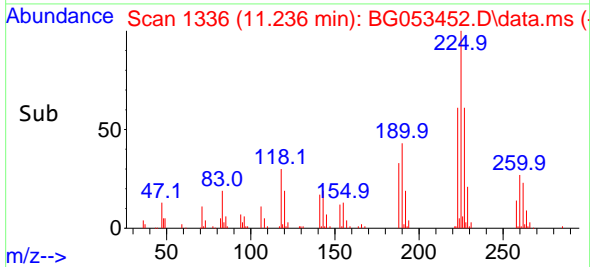
Reviewed By :Christian Giraldo 05/06/2022
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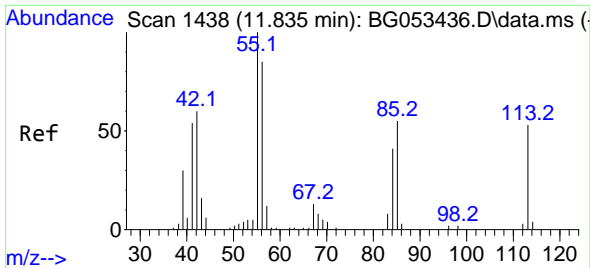


#34
 Hexachlorobutadiene
 Concen: 37.173 ng
 RT: 11.236 min Scan# 1336
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



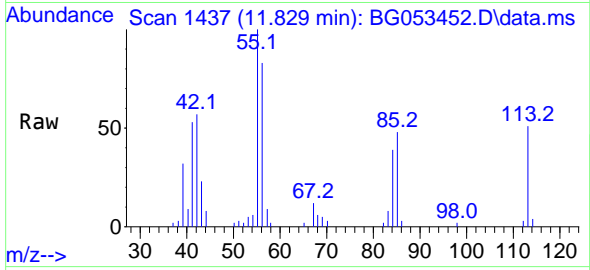
Tgt Ion:225 Resp: 57779
 Ion Ratio Lower Upper
 225 100
 223 61.4 48.9 73.3
 227 61.5 52.8 79.2





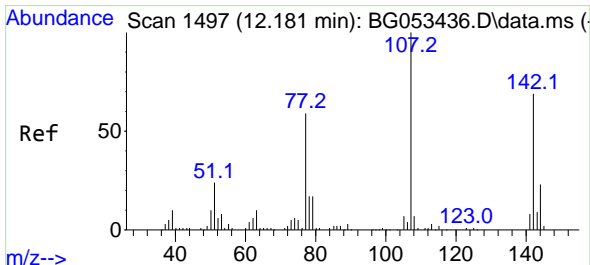
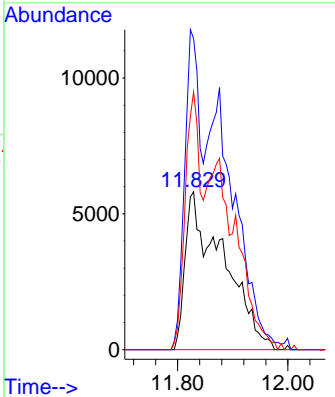
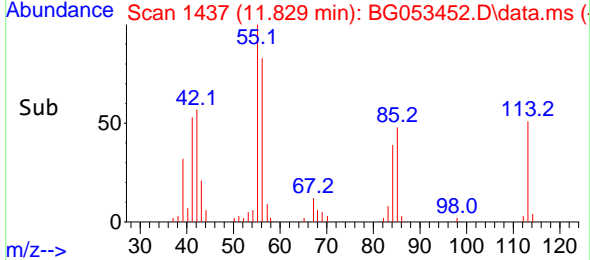
#35
 Caprolactam
 Concen: 41.700 ng m
 RT: 11.829 min Scan# 1437
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :
 BNA_G
ClientSampleId :
 PB144603BS

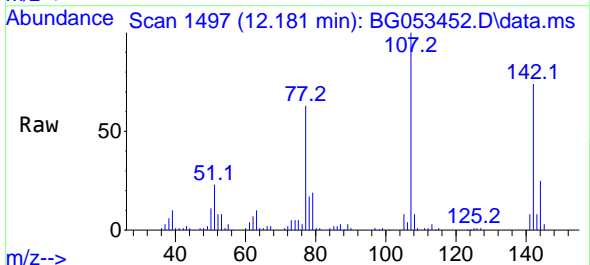


Tgt Ion:113 Resp: 2795
 Ion Ratio Lower Upper
 113 100
 55 196.9 169.8 209.8
 56 163.2 141.2 181.2

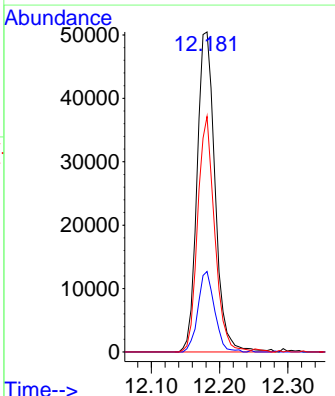
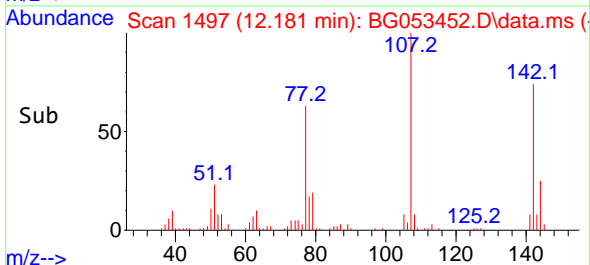
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 Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

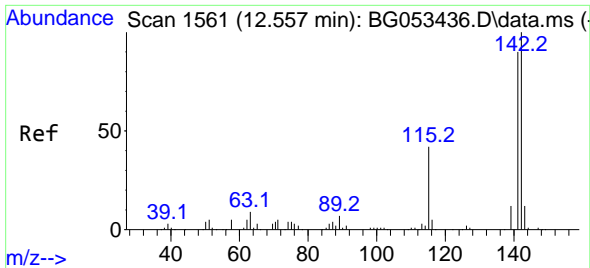


#36
 4-Chloro-3-methylphenol
 Concen: 41.916 ng
 RT: 12.181 min Scan# 1497
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:107 Resp: 92502
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.5 27.7
 142 73.6 55.0 82.4





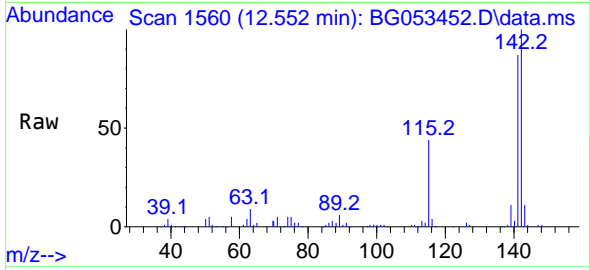
#37
 2-Methylnaphthalene
 Concen: 39.179 ng
 RT: 12.552 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

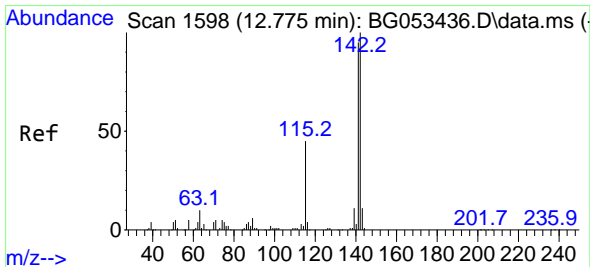
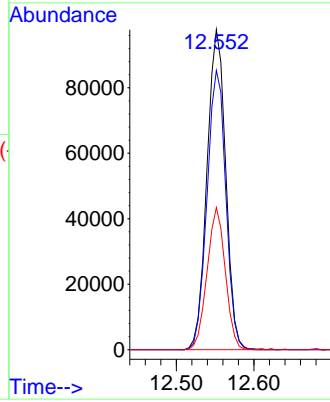
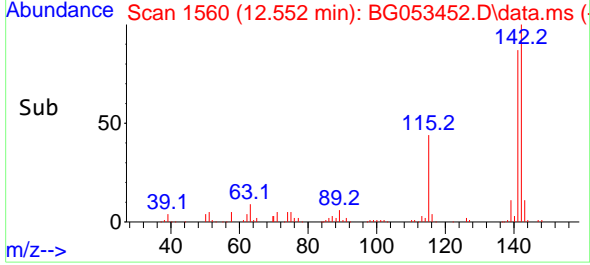


Tgt Ion:142 Resp: 16404
 Ion Ratio Lower Upper
 142 100
 141 87.2 72.3 108.5
 115 44.4 33.7 50.5

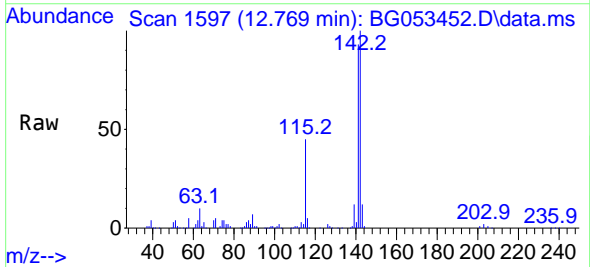
Manual Integrations

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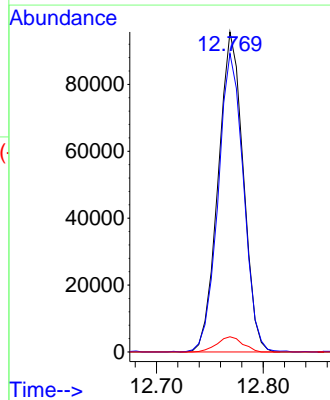
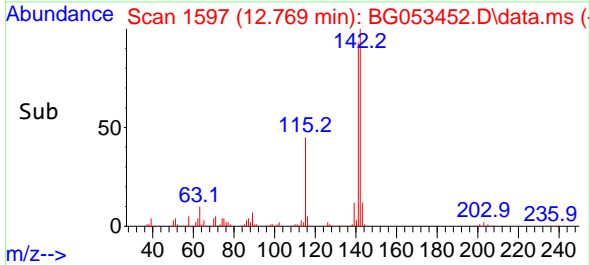
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

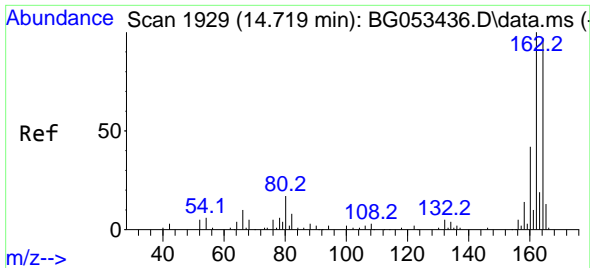


#38
 1-Methylnaphthalene
 Concen: 38.163 ng
 RT: 12.769 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:142 Resp: 155903
 Ion Ratio Lower Upper
 142 100
 141 93.3 76.4 114.6
 116 4.8 3.3 4.9





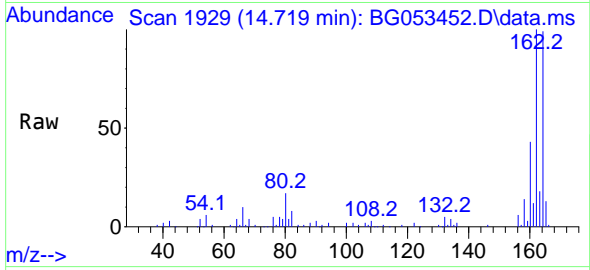
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.719 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

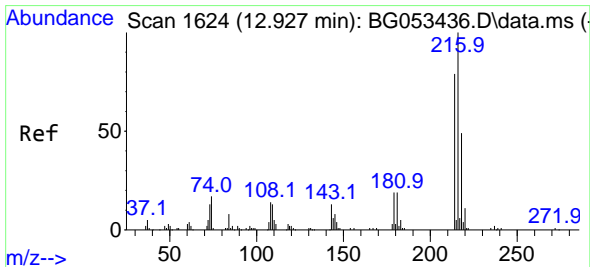
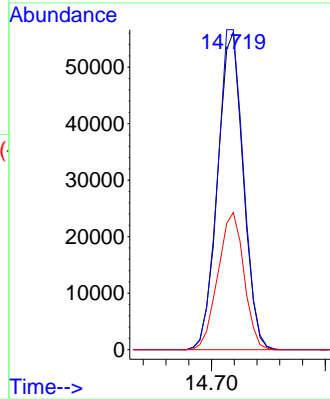
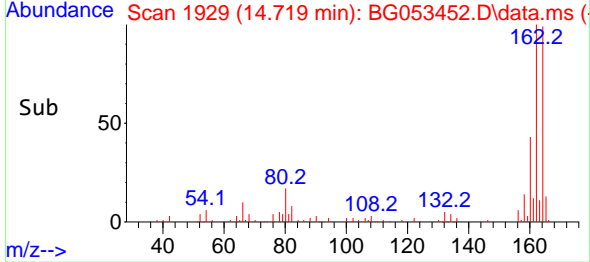


Tgt Ion:164 Resp: 87284
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.3 123.5
 160 43.2 34.2 51.2

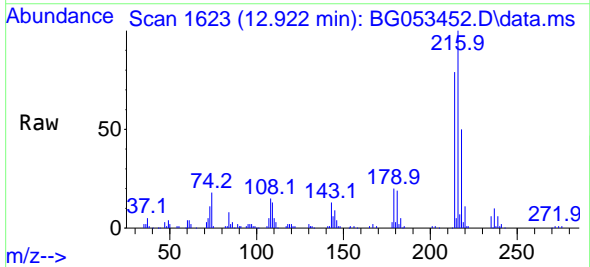
Manual Integrations

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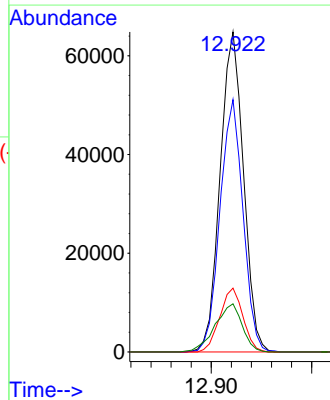
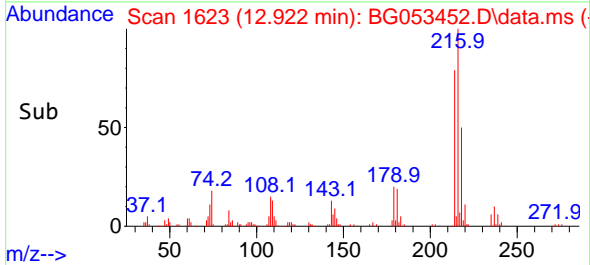
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

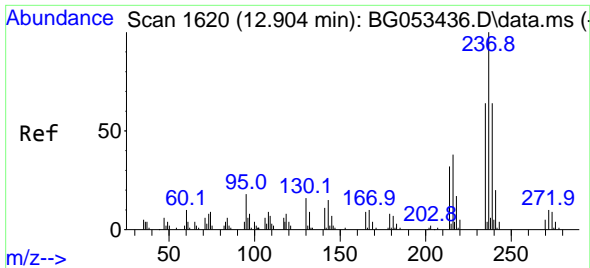


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.978 ng
 RT: 12.922 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:216 Resp: 104490
 Ion Ratio Lower Upper
 216 100
 214 77.8 62.9 94.3
 179 19.8 16.1 24.1
 108 17.5 12.2 18.2





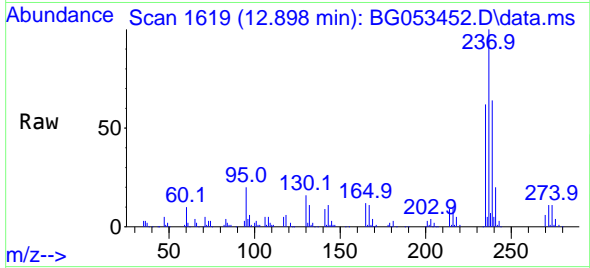
#41
 Hexachlorocyclopentadiene
 Concen: 91.061 ng
 RT: 12.898 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

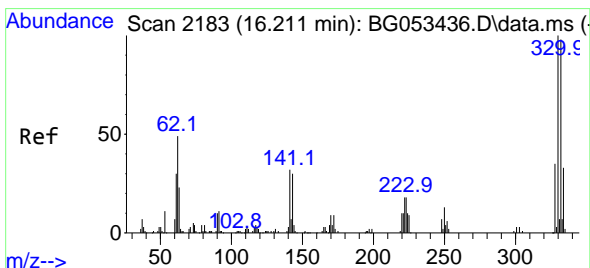
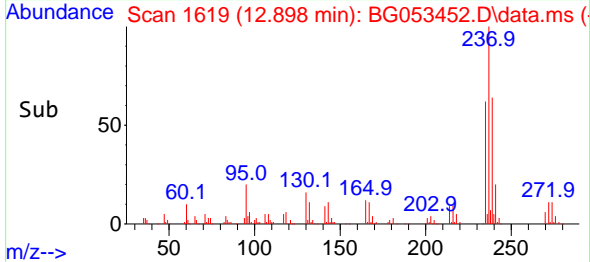
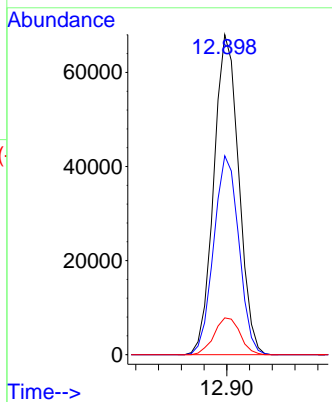


Tgt Ion:237 Resp: 103588
 Ion Ratio Lower Upper
 237 100
 235 62.1 43.5 83.5
 272 11.5 0.0 30.1

Manual Integrations

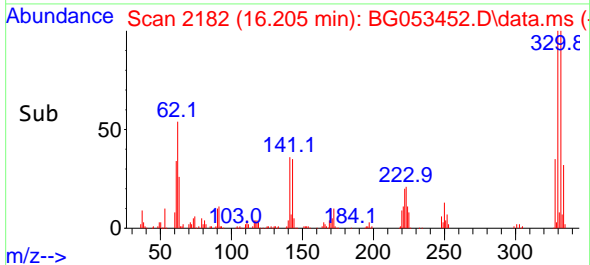
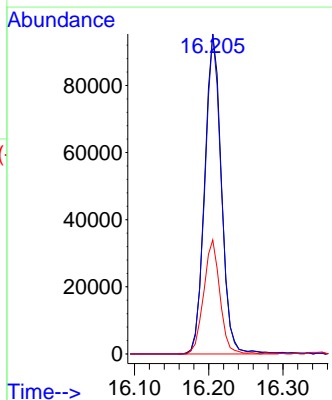
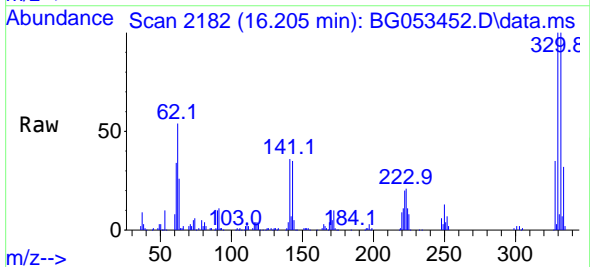
APPROVED

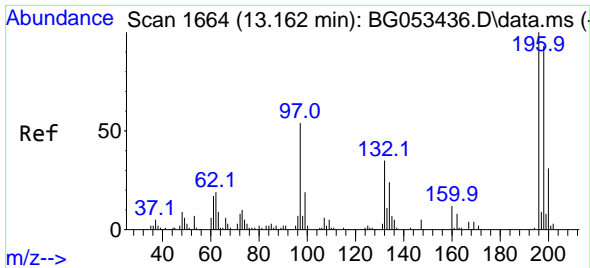
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022



#42
 2,4,6-Tribromophenol
 Concen: 115.848 ng
 RT: 16.205 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Tgt Ion:330 Resp: 149135
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.0 114.0
 141 34.4 27.1 40.7





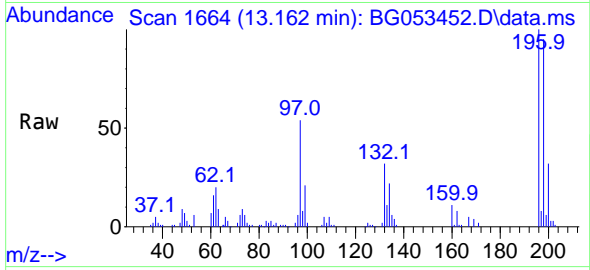
#43
 2,4,6-Trichlorophenol
 Concen: 39.551 ng
 RT: 13.162 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

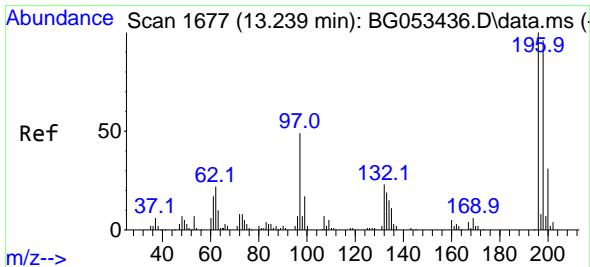
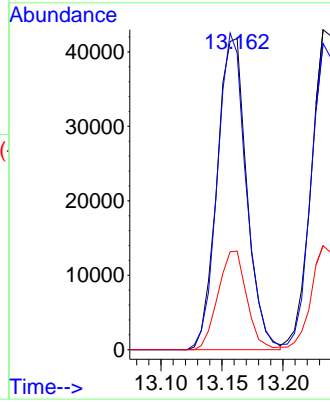
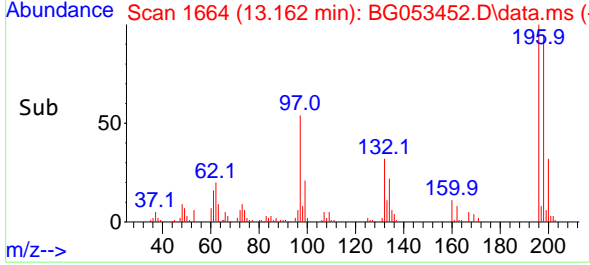


Tgt Ion:196 Resp: 7103
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.1 111.1
 200 31.7 24.7 37.1

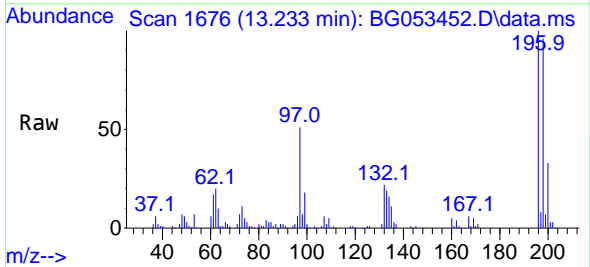
Manual Integrations

APPROVED

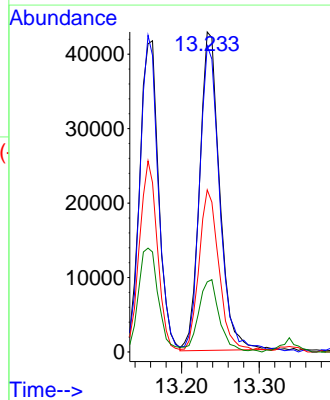
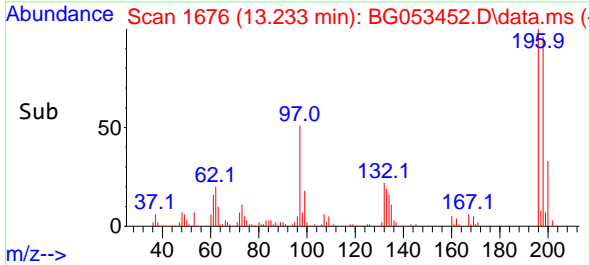
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

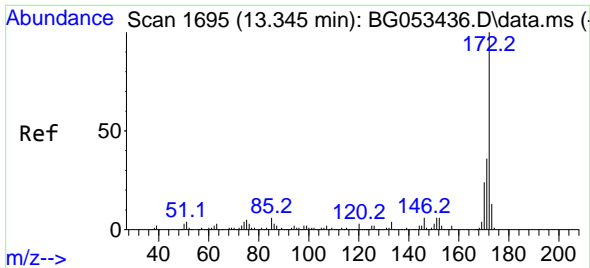


#44
 2,4,5-Trichlorophenol
 Concen: 40.199 ng
 RT: 13.233 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:196 Resp: 76835
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 50.7 39.8 59.6
 132 21.9 18.4 27.6





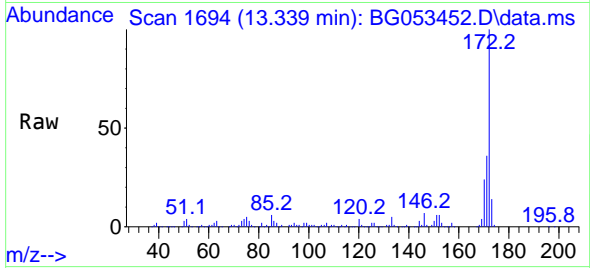
#45
 2-Fluorobiphenyl
 Concen: 73.887 ng
 RT: 13.339 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

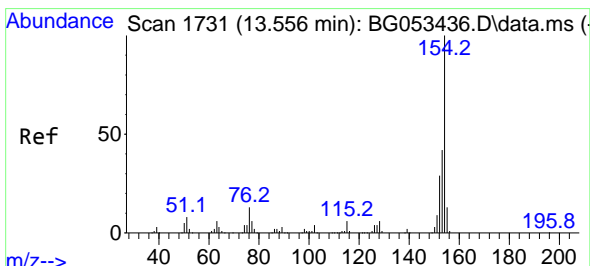
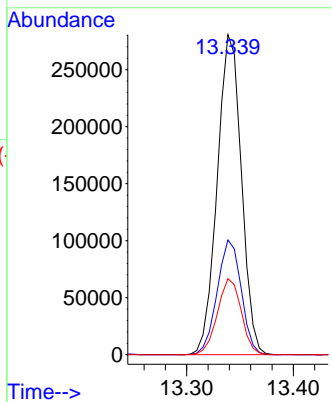
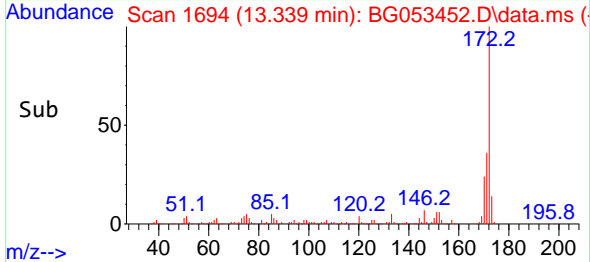


Tgt Ion:172 Resp: 441330
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.8 18.9 28.3

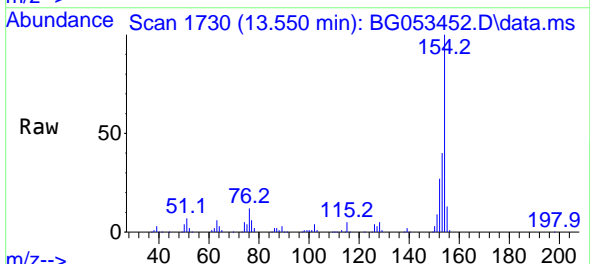
Manual Integrations

APPROVED

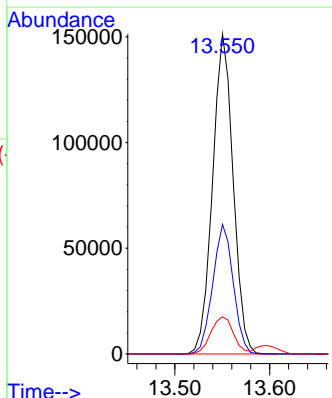
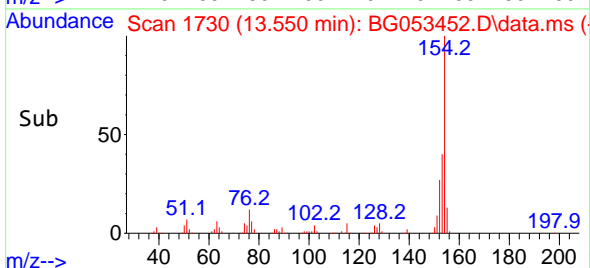
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

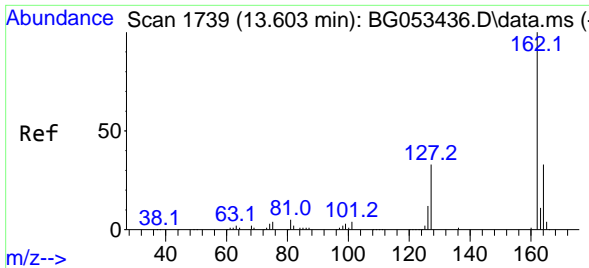


#46
 1,1'-Biphenyl
 Concen: 38.364 ng
 RT: 13.550 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:154 Resp: 228253
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.6 61.6
 76 11.6 0.0 32.6





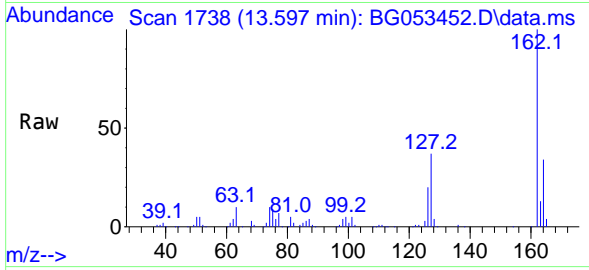
#47
 2-Chloronaphthalene
 Concen: 37.851 ng
 RT: 13.597 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

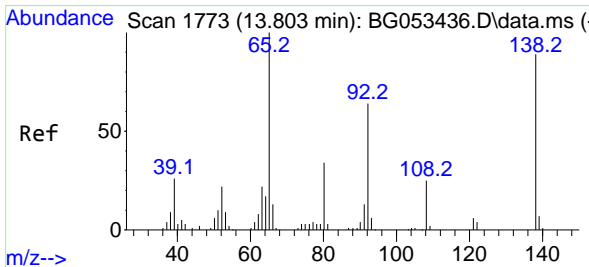
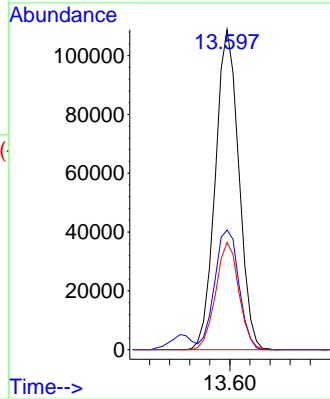
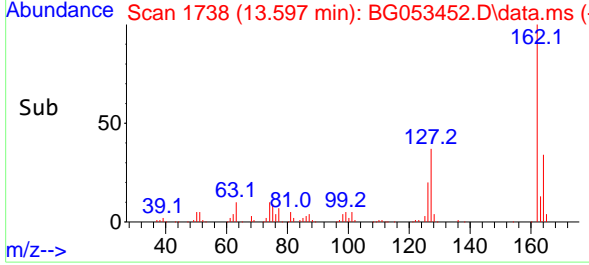


Tgt Ion:162 Resp: 176438
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.6 45.8
 164 33.5 26.5 39.7

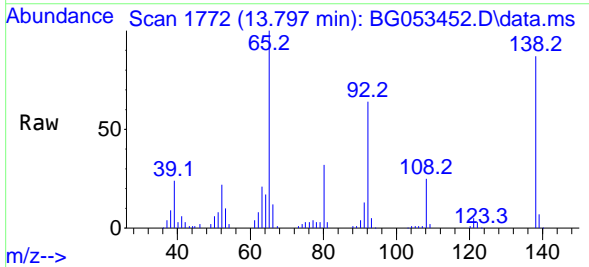
Manual Integrations

APPROVED

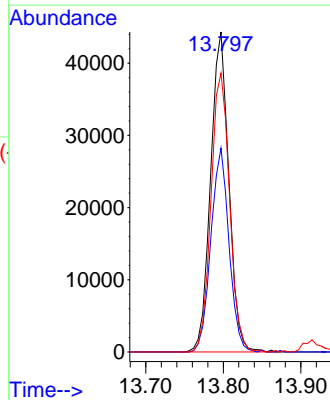
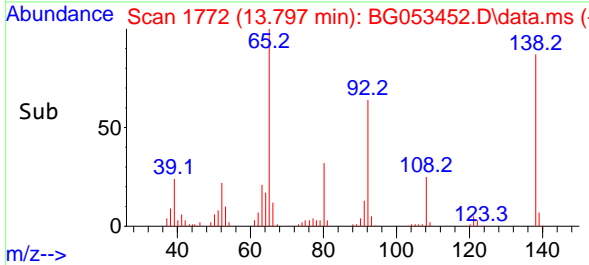
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

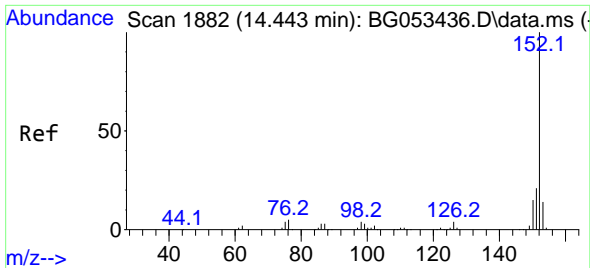


#48
 2-Nitroaniline
 Concen: 41.590 ng
 RT: 13.797 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion: 65 Resp: 72239
 Ion Ratio Lower Upper
 65 100
 92 63.7 51.5 77.3
 138 87.2 71.3 106.9





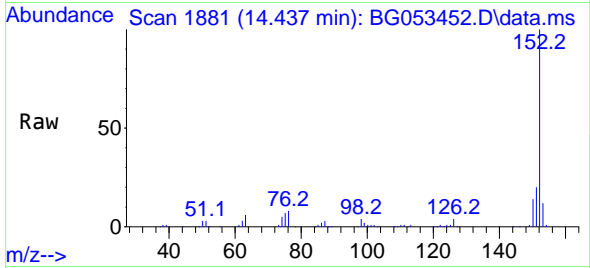
#49
 Acenaphthylene
 Concen: 41.332 ng
 RT: 14.437 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

Client Sample Id :

PB144603BS

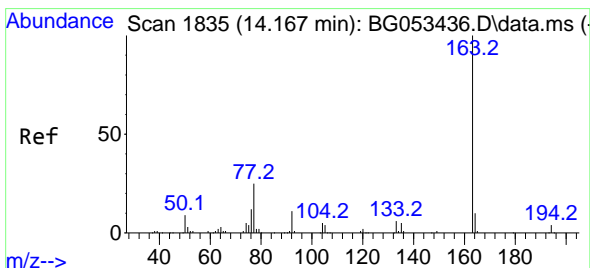
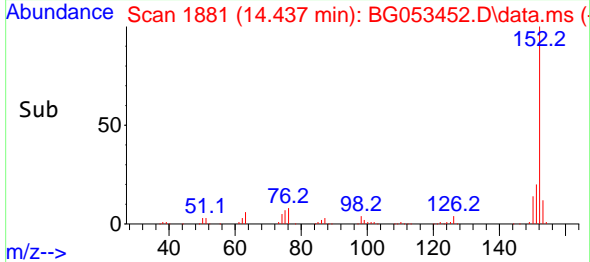
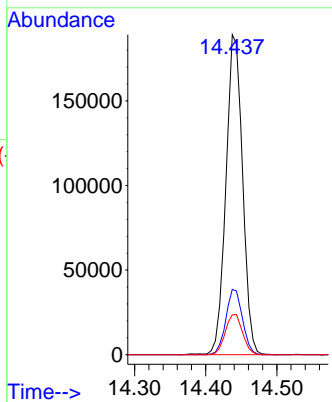


Tgt Ion:152 Resp: 30744
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.4 24.6
 153 12.5 10.8 16.2

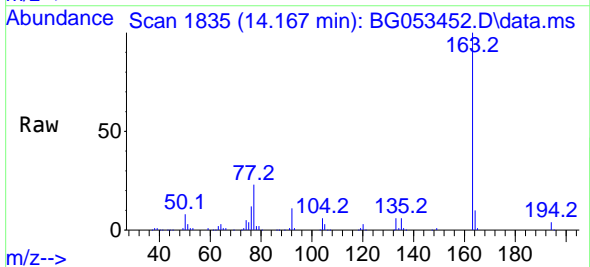
Manual Integrations

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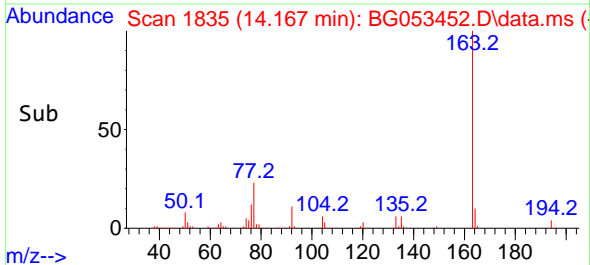
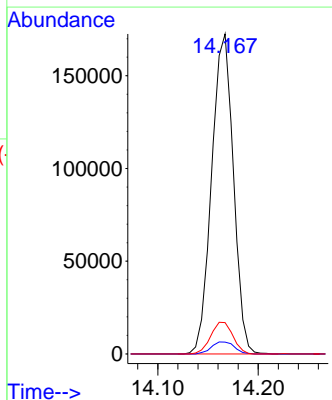
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

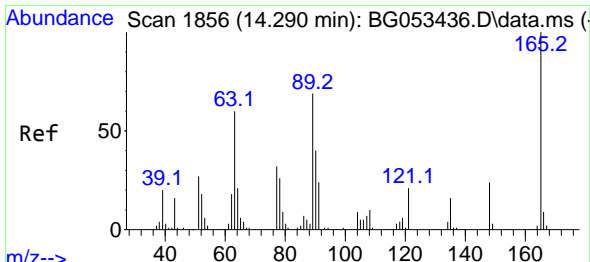


#50
 Dimethylphthalate
 Concen: 39.153 ng
 RT: 14.167 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:163 Resp: 259693
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.6
 164 9.8 8.0 12.0





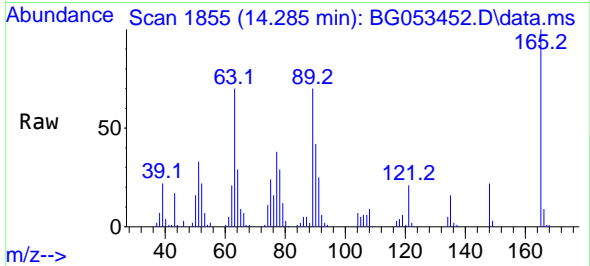
#51
 2,6-Dinitrotoluene
 Concen: 41.599 ng
 RT: 14.285 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

Client SampleID :

PB144603BS

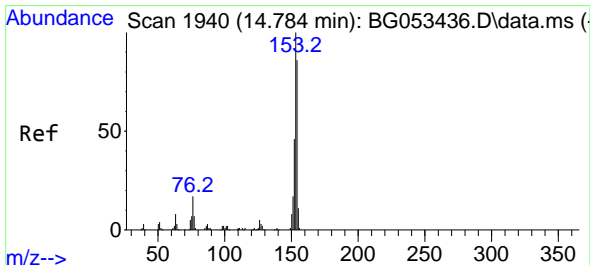
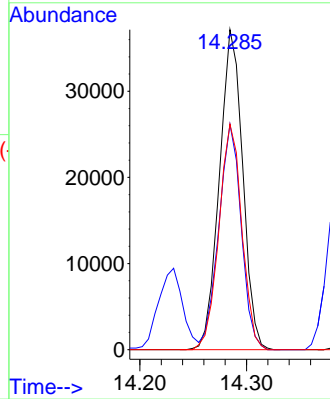
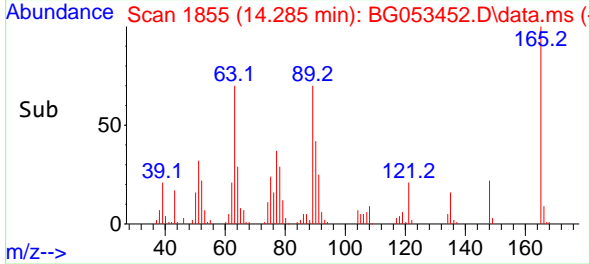


Tgt Ion:165 Resp: 56211
 Ion Ratio Lower Upper
 165 100
 63 70.5 54.1 81.1
 89 70.4 54.8 82.2

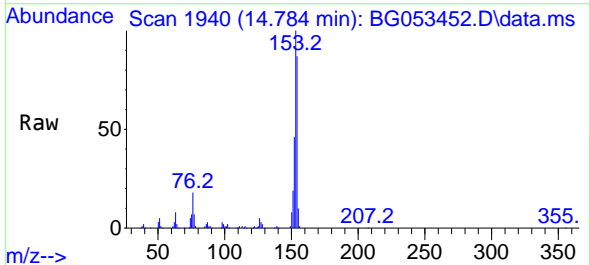
Manual Integrations

APPROVED

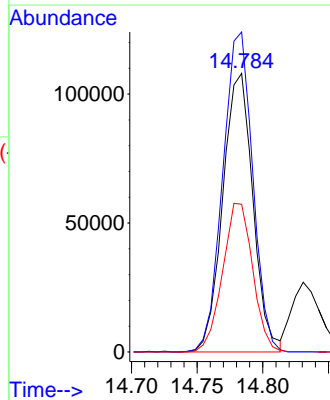
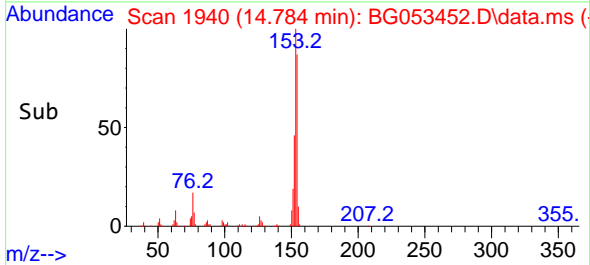
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

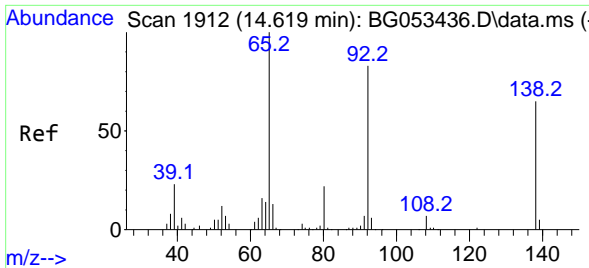


#52
 Acenaphthene
 Concen: 38.975 ng
 RT: 14.784 min Scan# 1940
 Delta R.T. -0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:154 Resp: 172771
 Ion Ratio Lower Upper
 154 100
 153 114.8 92.7 139.1
 152 53.0 42.6 64.0





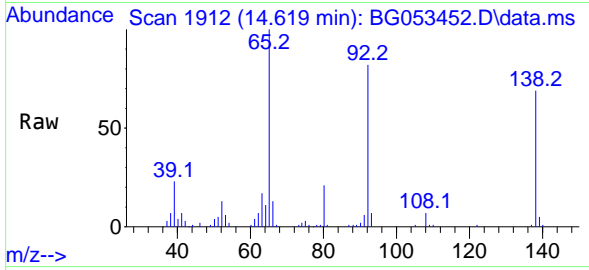
#53
 3-Nitroaniline
 Concen: 32.543 ng
 RT: 14.619 min Scan# 1912
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

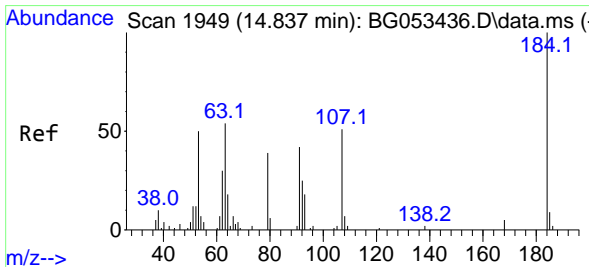
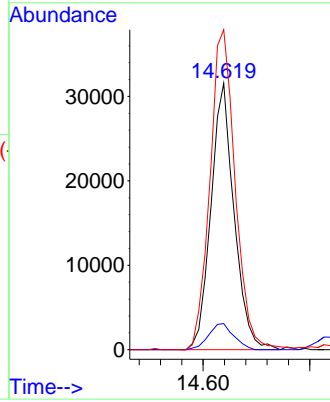
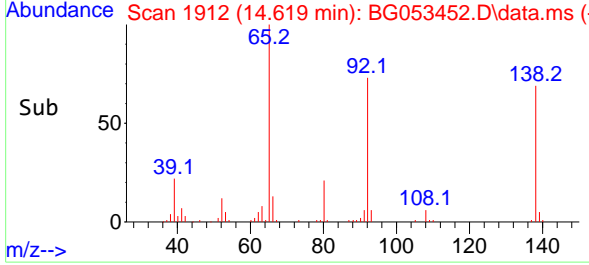


Tgt Ion:138 Resp: 47518
 Ion Ratio Lower Upper
 138 100
 108 9.8 9.2 13.8
 92 120.1 101.9 152.9

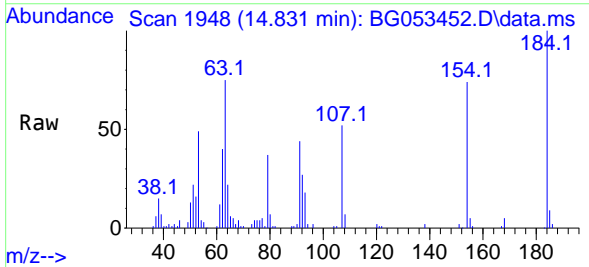
Manual Integrations

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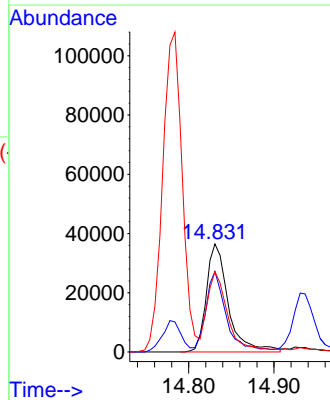
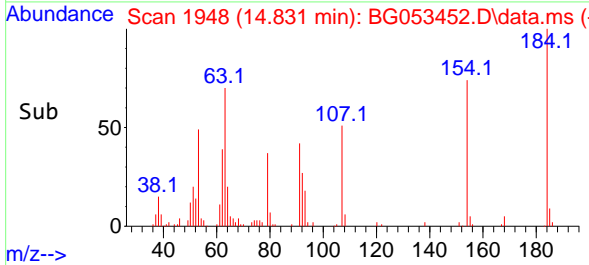
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

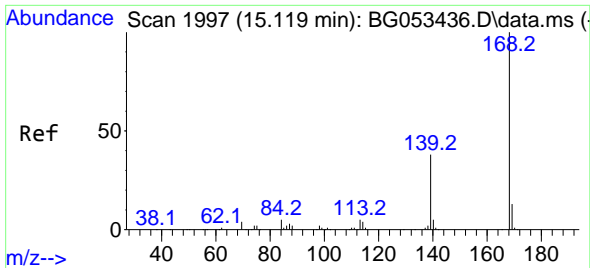


#54
 2,4-Dinitrophenol
 Concen: 76.234 ng
 RT: 14.831 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:184 Resp: 65118
 Ion Ratio Lower Upper
 184 100
 63 74.5 61.1 91.7
 154 74.1 60.6 91.0





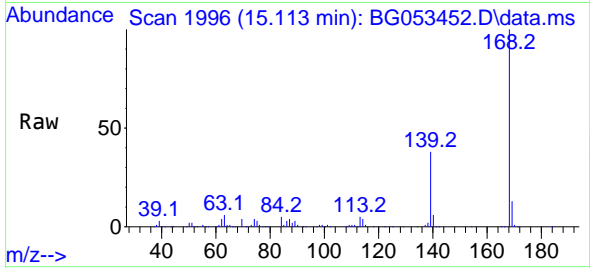
#55
 Dibenzofuran
 Concen: 37.525 ng
 RT: 15.113 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

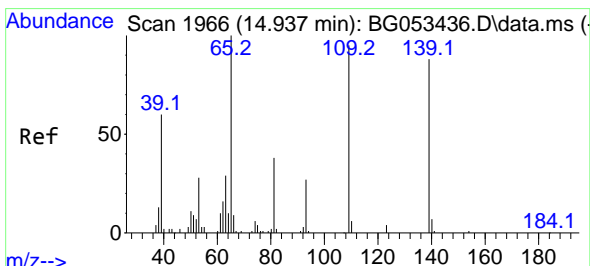
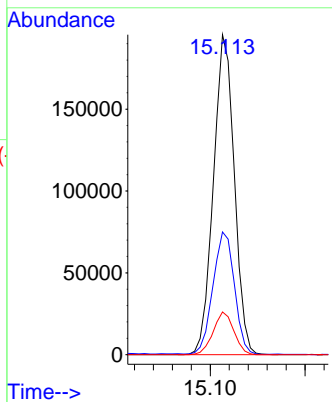
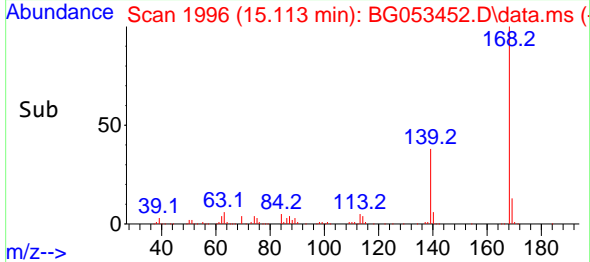


Tgt Ion:168 Resp: 29878
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.5 45.7
 169 13.3 10.3 15.5

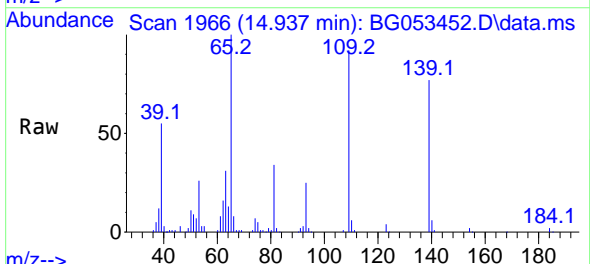
Manual Integrations

APPROVED

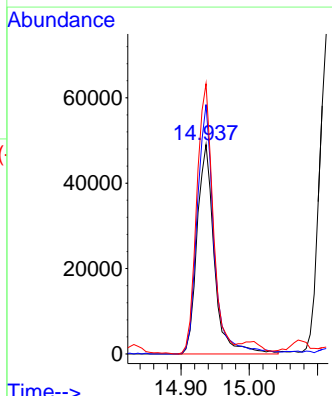
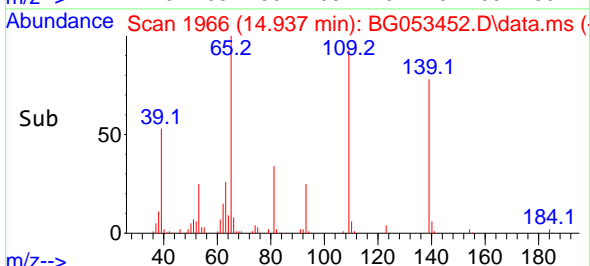
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

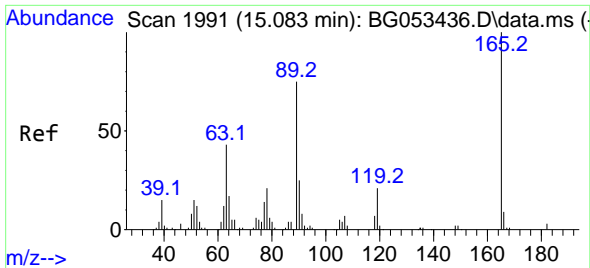


#56
 4-Nitrophenol
 Concen: 82.618 ng
 RT: 14.937 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:139 Resp: 86159
 Ion Ratio Lower Upper
 139 100
 109 119.1 88.5 128.5
 65 129.0 93.9 133.9





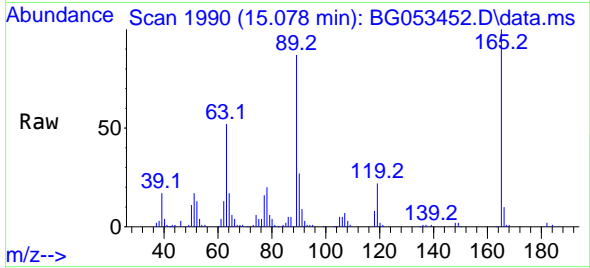
#57
 2,4-Dinitrotoluene
 Concen: 42.367 ng
 RT: 15.078 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

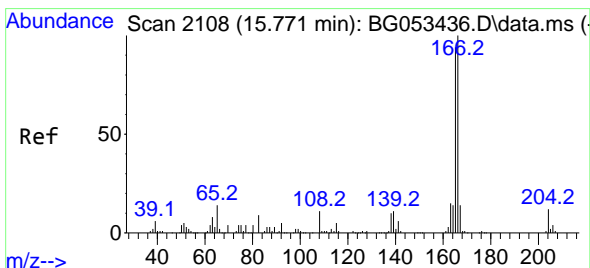
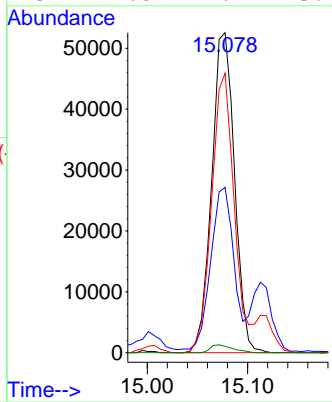
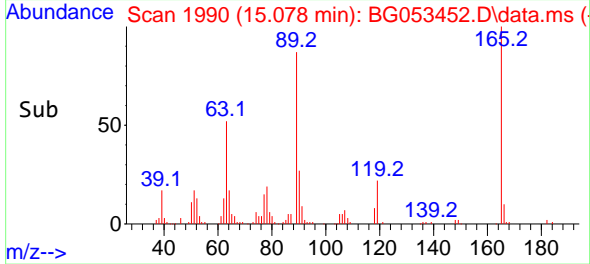


Tgt Ion:165 Resp: 82980
 Ion Ratio Lower Upper
 165 100
 63 51.6 34.6 52.0
 89 87.4 60.3 90.5
 182 2.0 2.2 3.4#

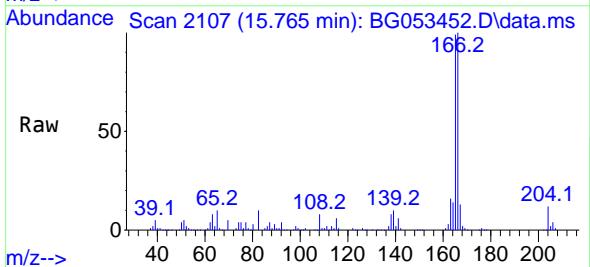
Manual Integrations

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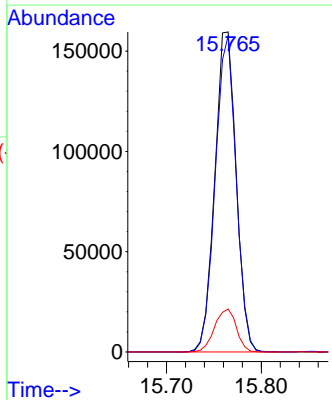
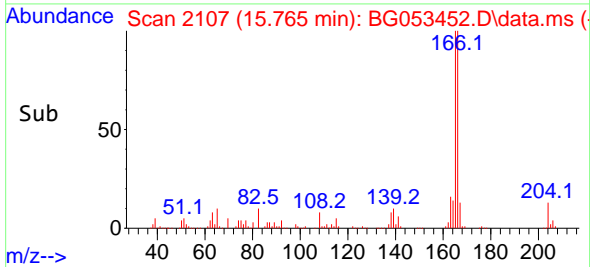
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

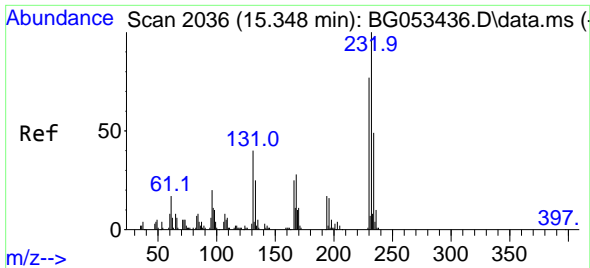


#58
 Fluorene
 Concen: 39.182 ng
 RT: 15.765 min Scan# 2107
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:166 Resp: 250359
 Ion Ratio Lower Upper
 166 100
 165 98.8 75.0 112.6
 167 13.4 10.8 16.2





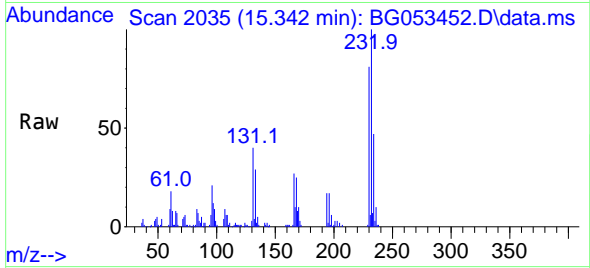
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.310 ng
 RT: 15.342 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

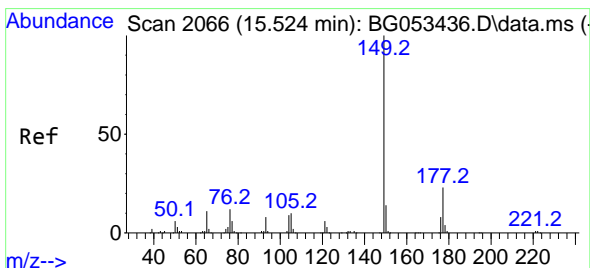
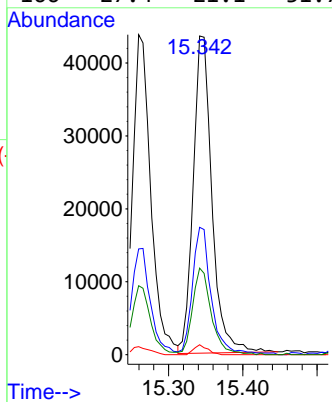
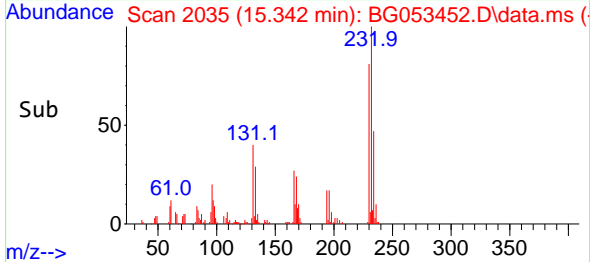


Tgt Ion:232 Resp: 76234
 Ion Ratio Lower Upper
 232 100
 131 40.7 30.6 46.0
 130 2.3 1.8 2.8
 166 27.4 21.1 31.7

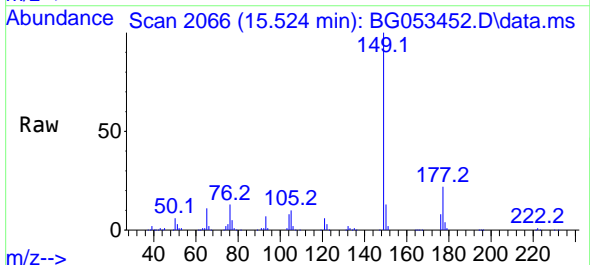
Manual Integrations

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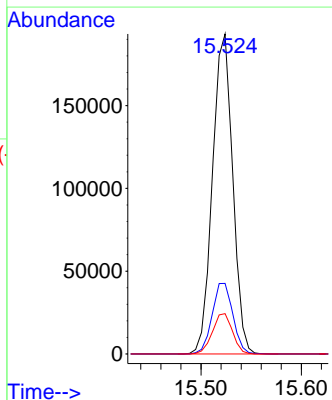
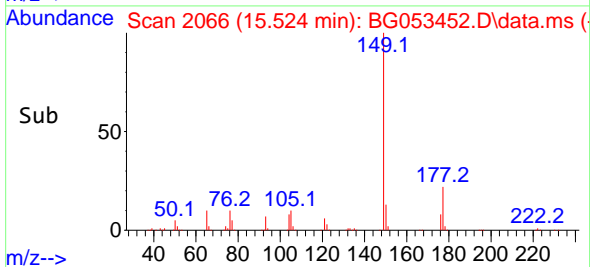
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

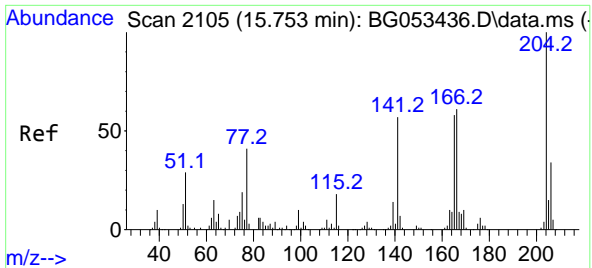


#60
 Diethylphthalate
 Concen: 39.450 ng
 RT: 15.524 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:149 Resp: 270292
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.4 27.6
 150 12.6 11.2 16.8





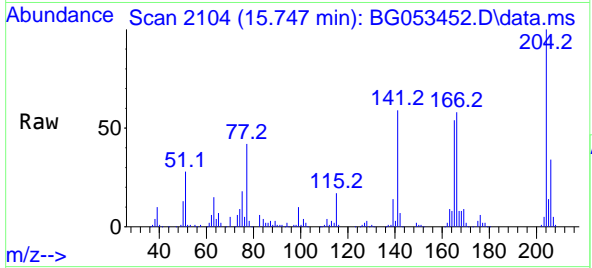
#61
 4-Chlorophenyl-phenylether
 Concen: 38.354 ng
 RT: 15.747 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

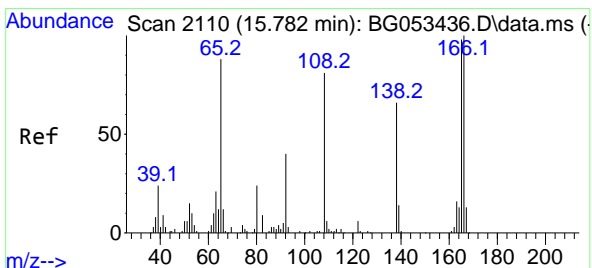
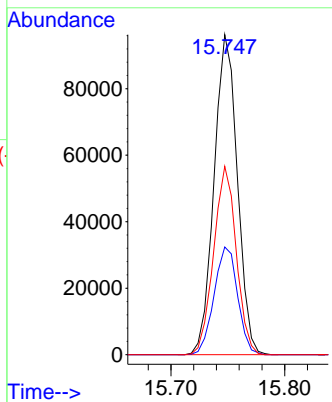
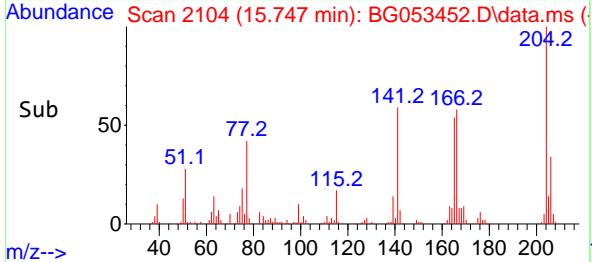
PB144603BS



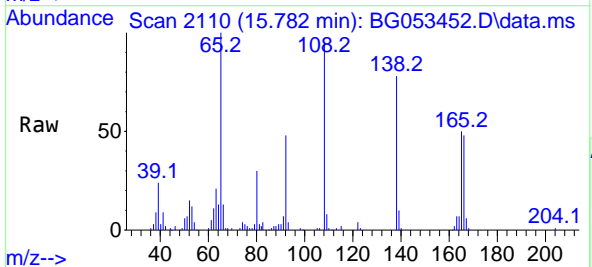
Tgt Ion:204 Resp: 13675
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.5 41.3
 141 58.9 45.3 67.9

Manual Integrations
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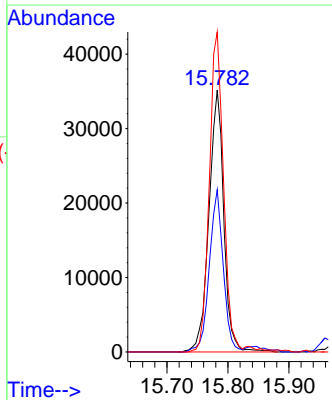
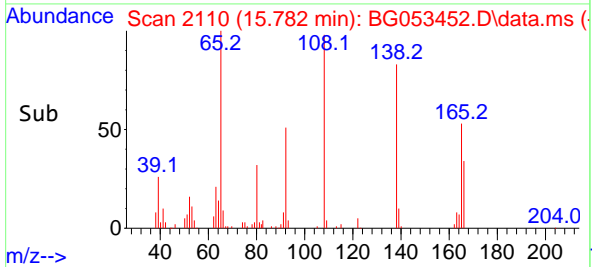
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

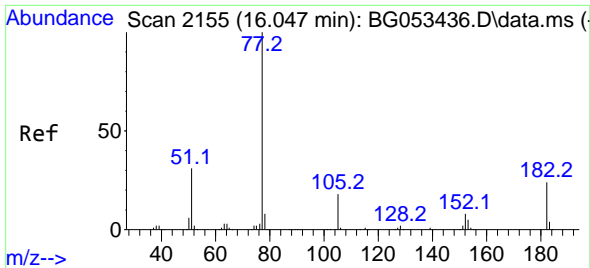


#62
 4-Nitroaniline
 Concen: 39.389 ng
 RT: 15.782 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:138 Resp: 59650
 Ion Ratio Lower Upper
 138 100
 92 61.9 40.5 80.5
 108 122.2 103.7 143.7





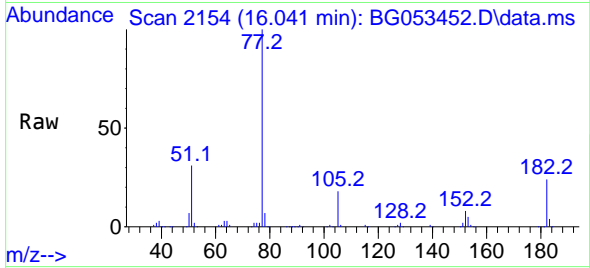
#63
 Azobenzene
 Concen: 38.545 ng
 RT: 16.041 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

Client SampleId :

PB144603BS



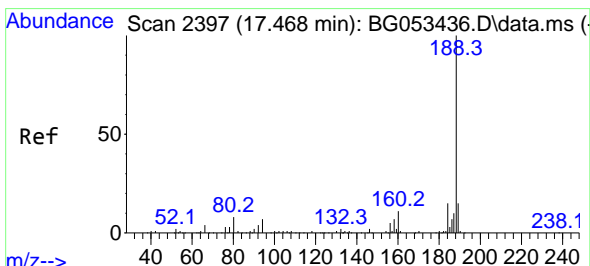
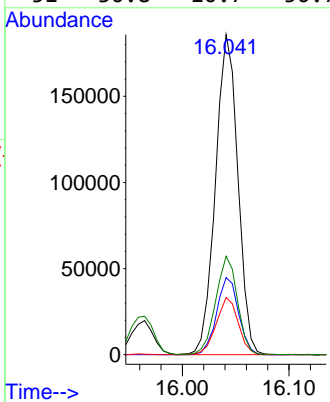
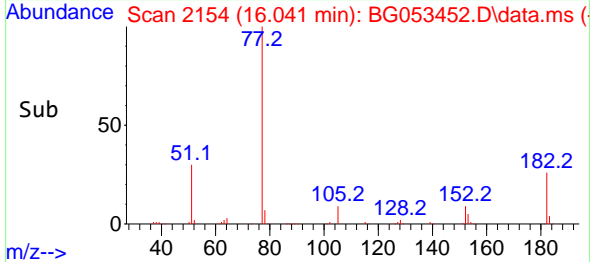
Tgt Ion: 77 Resp: 27043

Ion	Ratio	Lower	Upper
77	100		
182	24.1	3.8	43.8
105	17.9	0.0	37.8
51	30.8	10.7	50.7

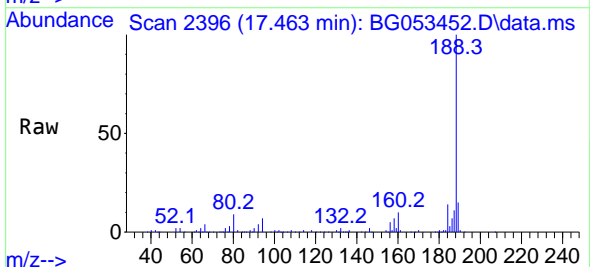
Manual Integrations

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Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

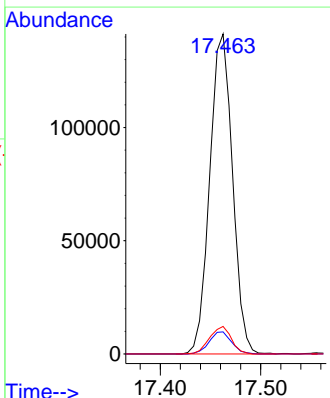
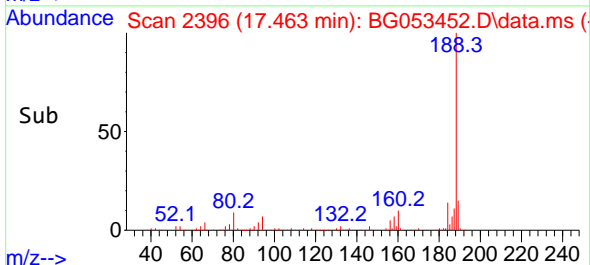


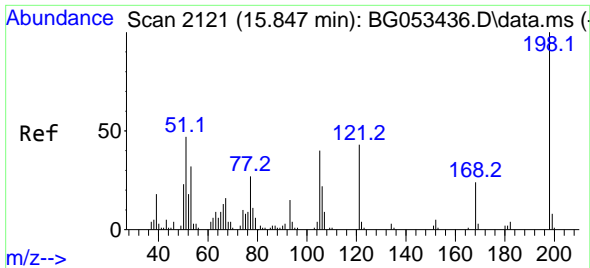
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.463 min Scan# 2396
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:188 Resp: 222840

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.0
80	8.6	6.8	10.2





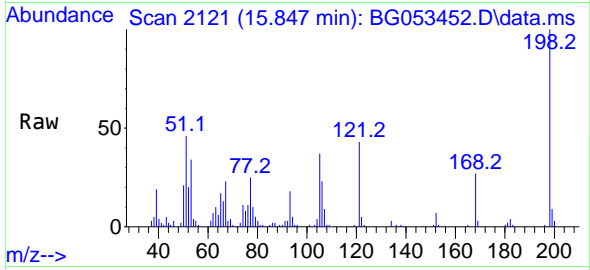
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.493 ng
 RT: 15.847 min Scan# 2121
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

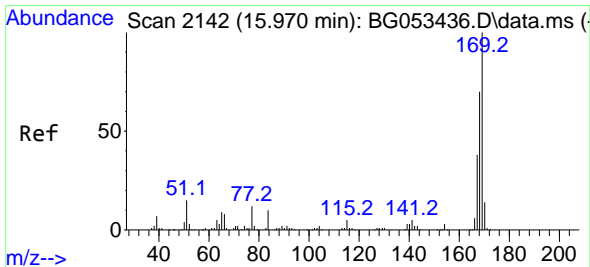
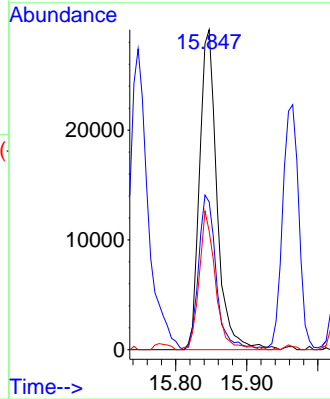
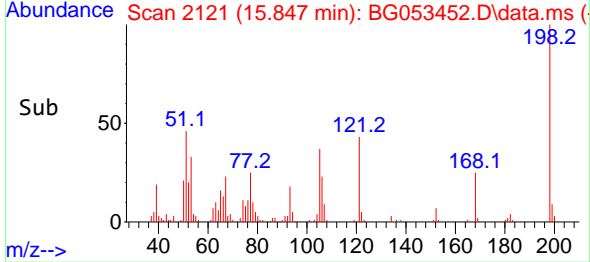


Tgt Ion:198 Resp: 4978
 Ion Ratio Lower Upper
 198 100
 51 46.2 28.1 68.1
 105 37.0 20.3 60.3

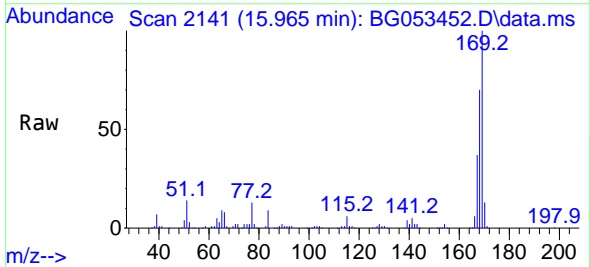
Manual Integrations

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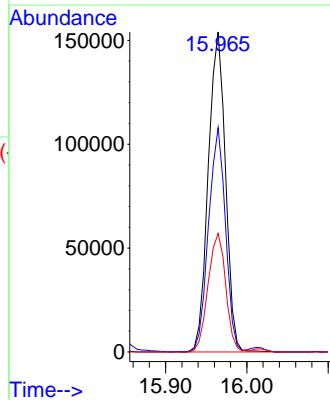
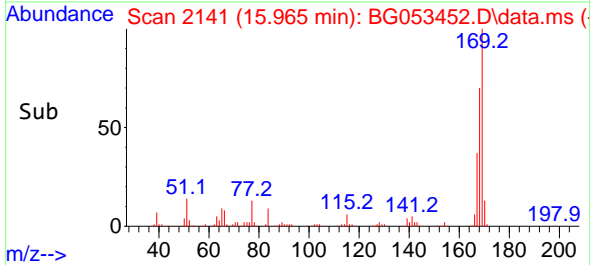
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

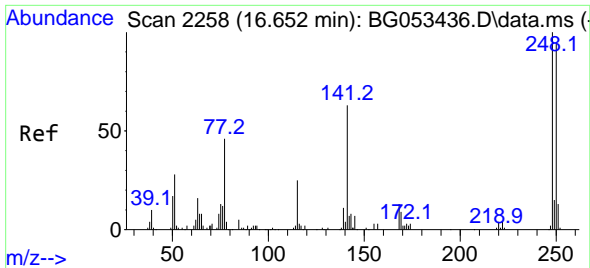


#66
 n-Nitrosodiphenylamine
 Concen: 38.689 ng
 RT: 15.965 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:169 Resp: 226358
 Ion Ratio Lower Upper
 169 100
 168 70.1 55.9 83.9
 167 37.1 30.6 46.0





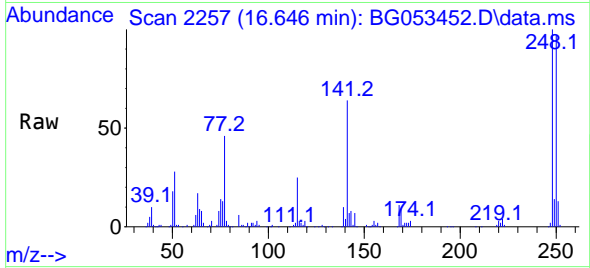
#67
 4-Bromophenyl-phenylether
 Concen: 38.674 ng
 RT: 16.646 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

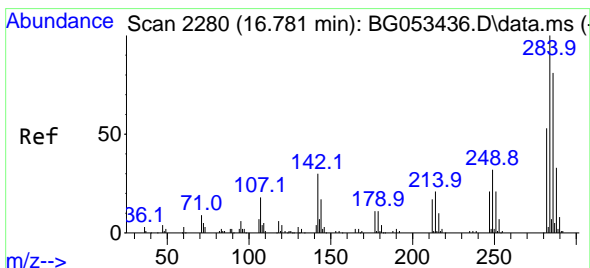
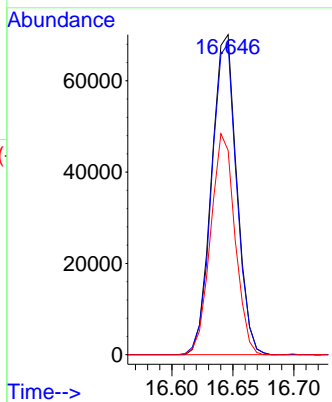
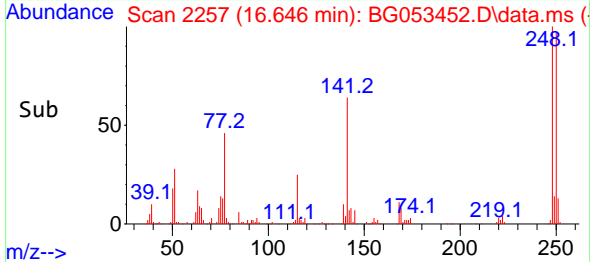


Tgt Ion:248 Resp: 100650
 Ion Ratio Lower Upper
 248 100
 250 97.3 75.2 112.8
 141 63.9 50.0 75.0

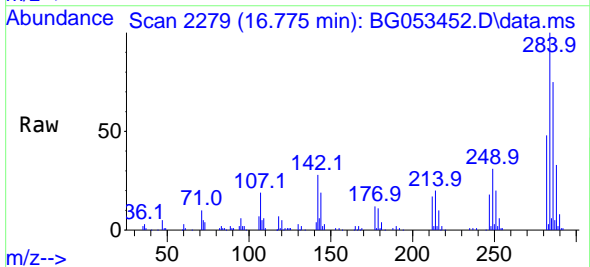
Manual Integrations

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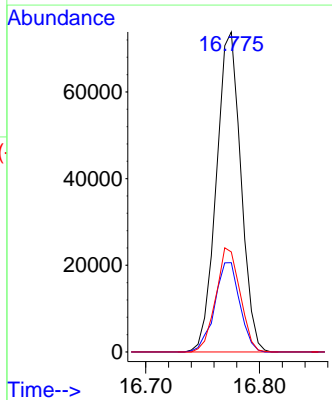
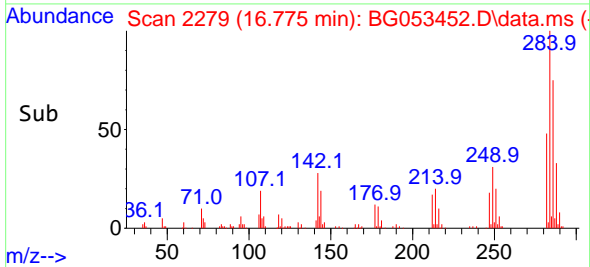
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

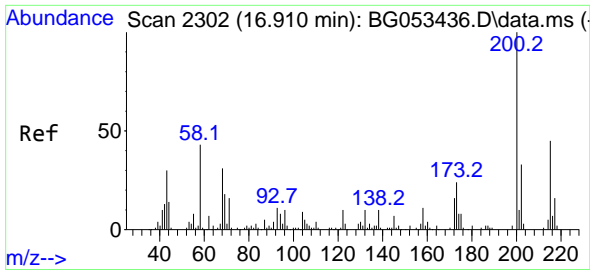


#68
 Hexachlorobenzene
 Concen: 38.816 ng
 RT: 16.775 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:284 Resp: 110634
 Ion Ratio Lower Upper
 284 100
 142 27.9 23.6 35.4
 249 31.3 25.8 38.6





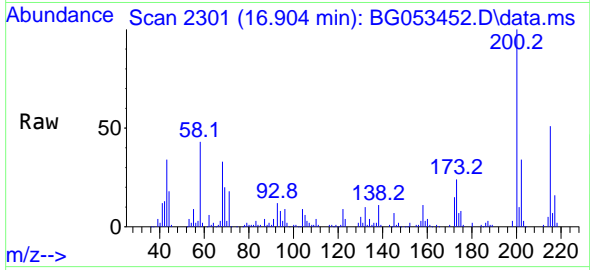
#69
 Atrazine
 Concen: 39.599 ng
 RT: 16.904 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

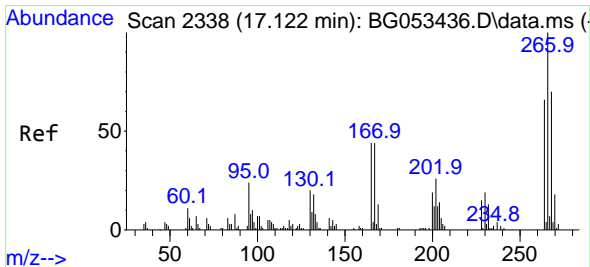
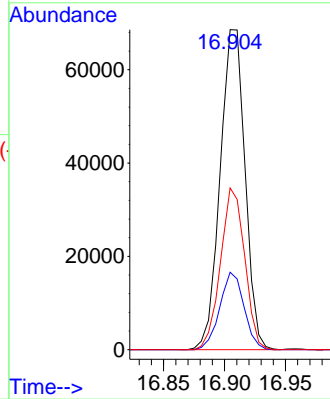
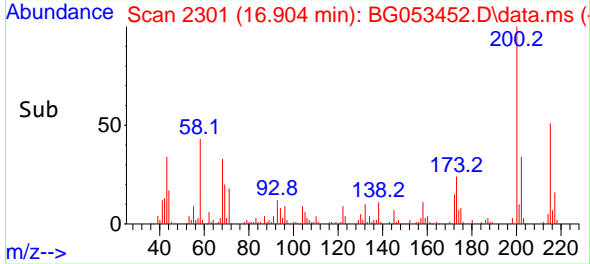


Tgt Ion:200 Resp: 9753
 Ion Ratio Lower Upper
 200 100
 173 24.2 3.7 43.7
 215 50.6 25.2 65.2

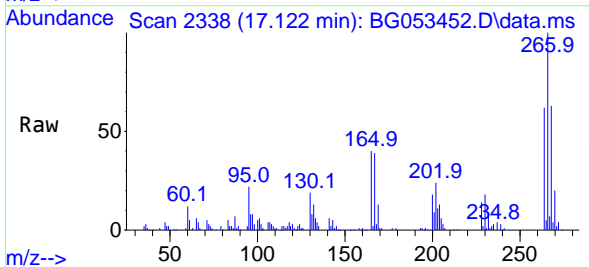
Manual Integrations

APPROVED

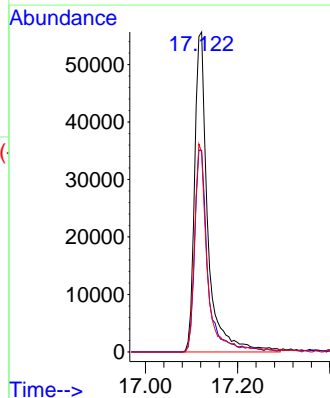
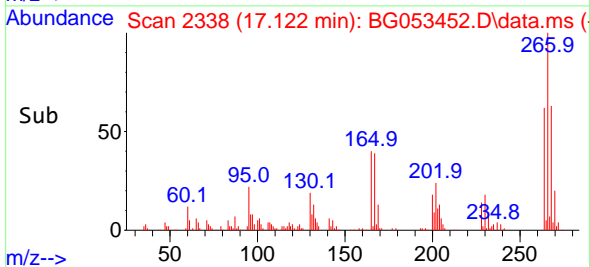
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

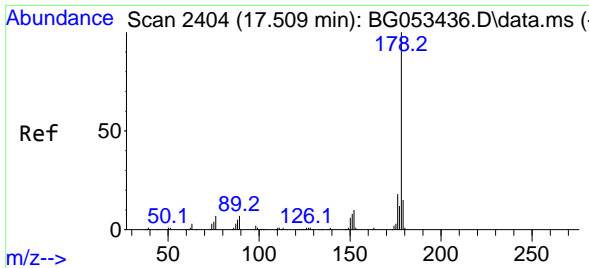


#70
 Pentachlorophenol
 Concen: 72.733 ng
 RT: 17.122 min Scan# 2338
 Delta R.T. -0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:266 Resp: 110952
 Ion Ratio Lower Upper
 266 100
 268 63.0 56.2 84.2
 264 62.2 53.0 79.4





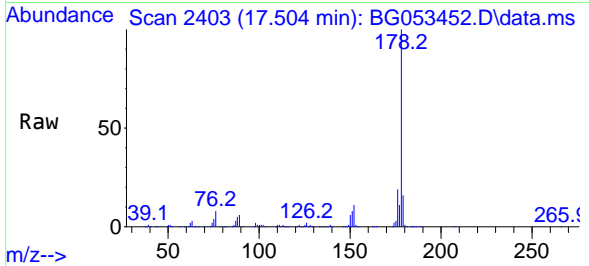
#71
 Phenanthrene
 Concen: 38.776 ng
 RT: 17.504 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

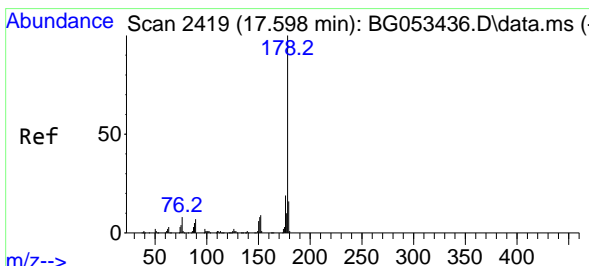
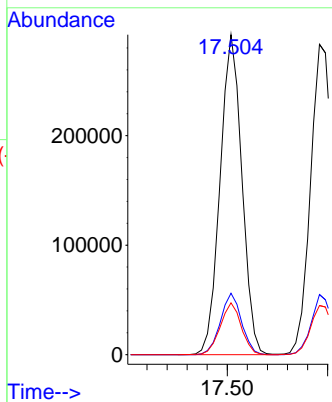
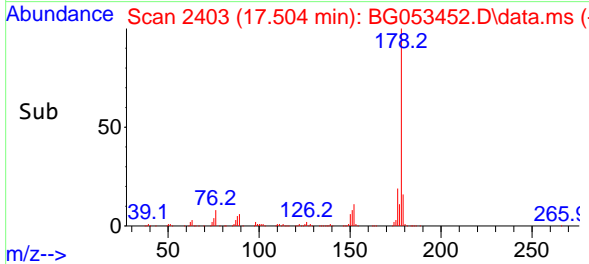
PB144603BS



Tgt Ion:178 Resp: 43937
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.1 21.1
 179 16.2 12.1 18.1

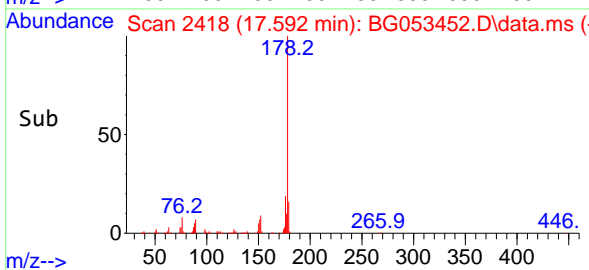
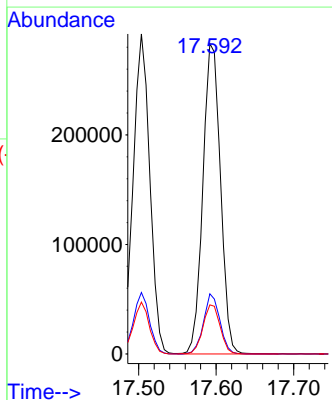
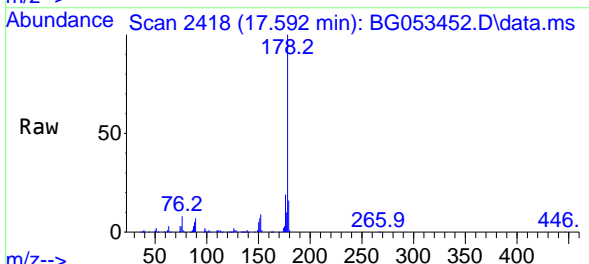
Manual Integrations
 APPROVED

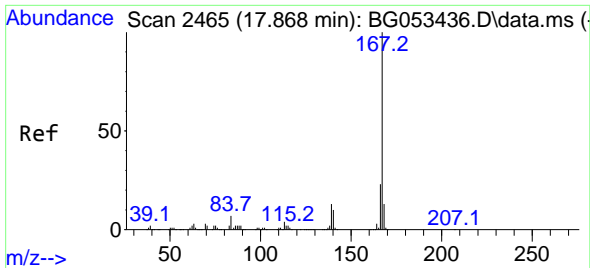
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022



#72
 Anthracene
 Concen: 40.032 ng
 RT: 17.592 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Tgt Ion:178 Resp: 445850
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.8 13.0 19.4





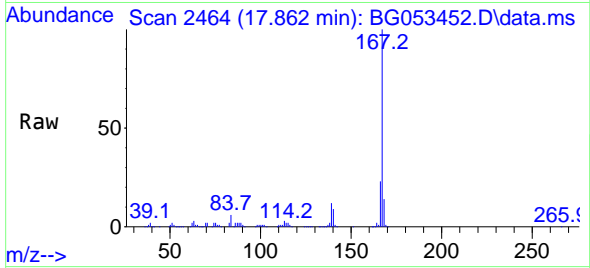
#73
 Carbazole
 Concen: 37.263 ng
 RT: 17.862 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

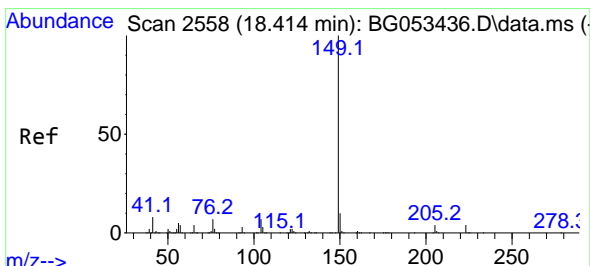
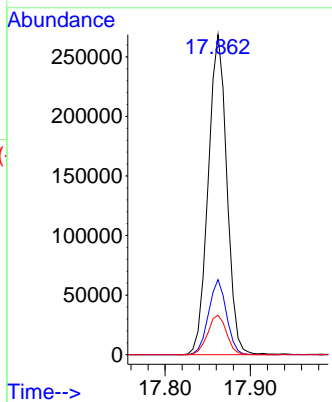
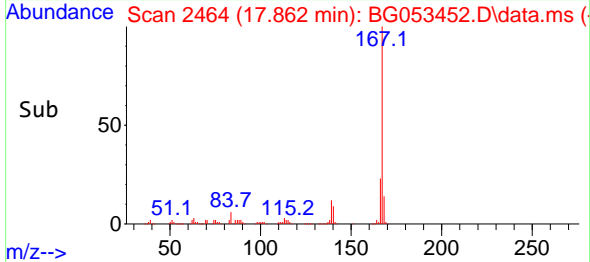


Tgt Ion:167 Resp: 406734
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 12.3 10.1 15.1

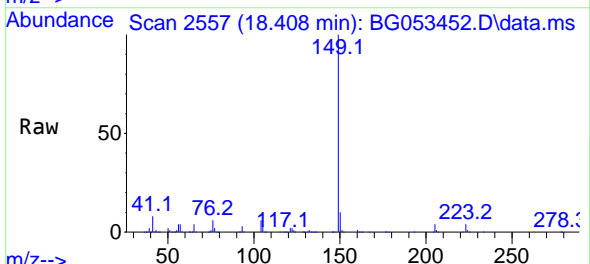
Manual Integrations

APPROVED

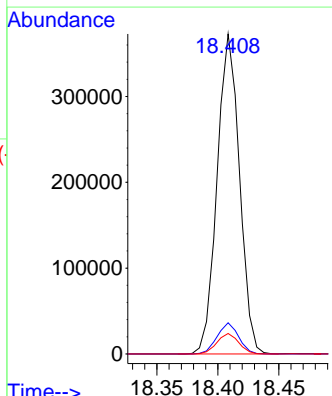
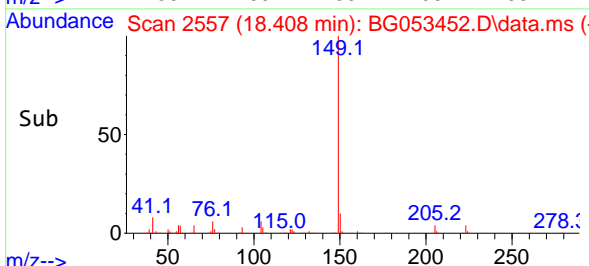
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

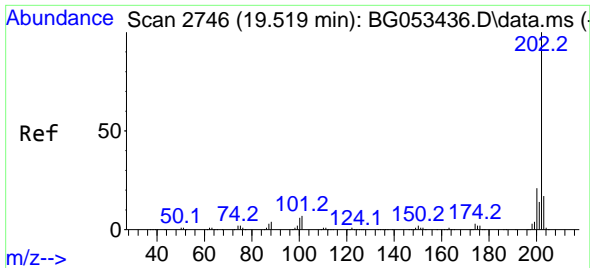


#74
 Di-n-butylphthalate
 Concen: 38.807 ng
 RT: 18.408 min Scan# 2557
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:149 Resp: 476397
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 6.4 5.4 8.0





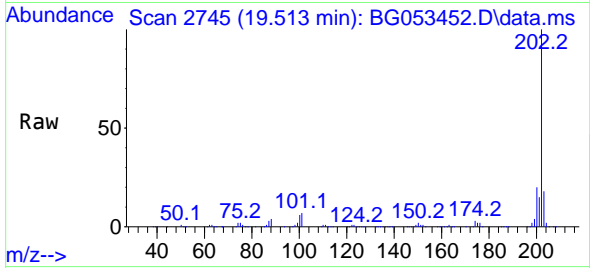
#75
 Fluoranthene
 Concen: 38.780 ng
 RT: 19.513 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

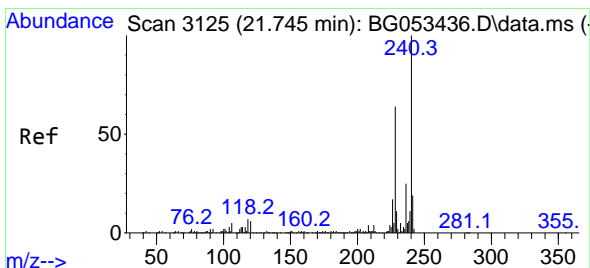
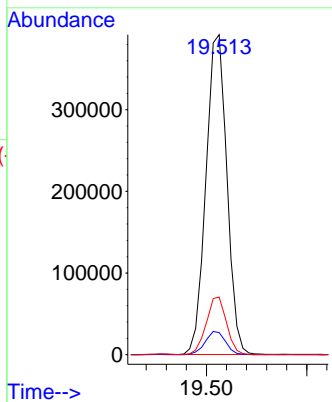
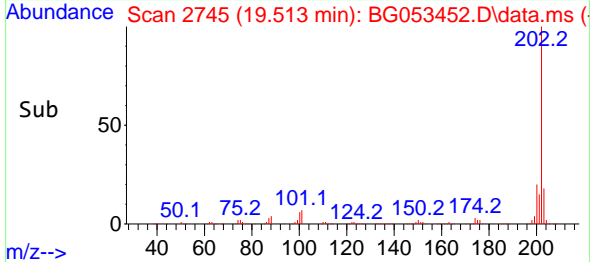
PB144603BS



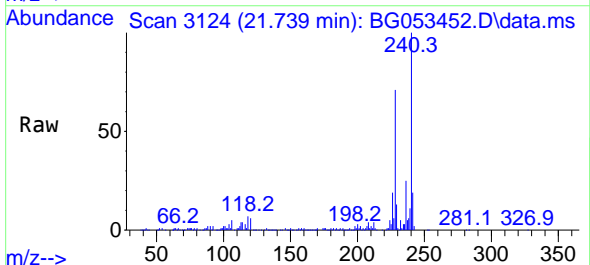
Tgt Ion: 202 Resp: 56895
 Ion Ratio Lower Upper
 202 100
 101 6.9 0.0 26.9
 203 18.0 0.0 37.2

Manual Integrations
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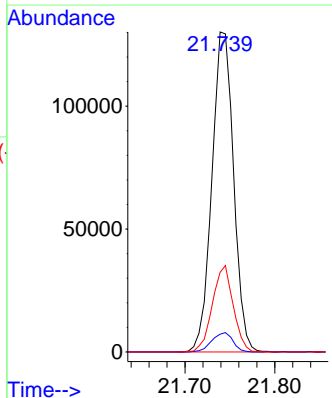
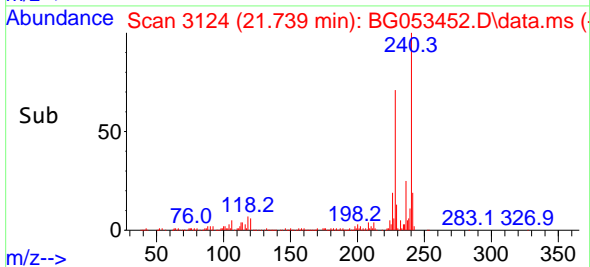
Reviewed By : Christian Giraldo 05/06/2022
 Supervised By : mohammad ahmed 05/09/2022

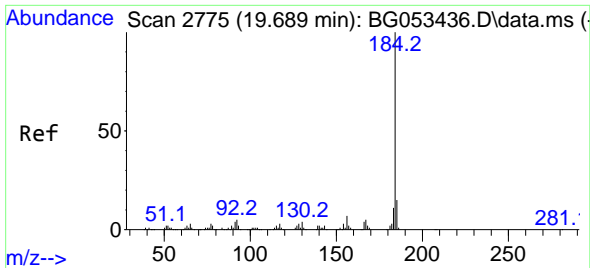


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.739 min Scan# 3124
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion: 240 Resp: 218601
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.6 7.0
 236 24.9 20.2 30.4





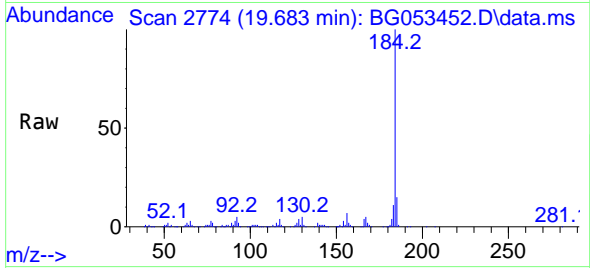
#77
 Benzidine
 Concen: 61.151 ng
 RT: 19.683 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

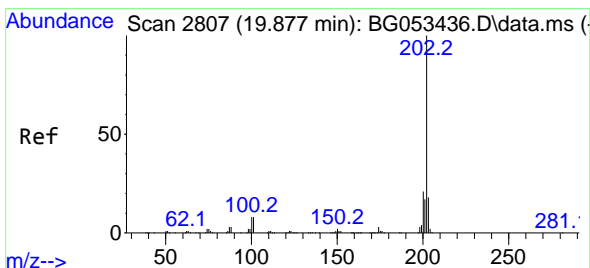
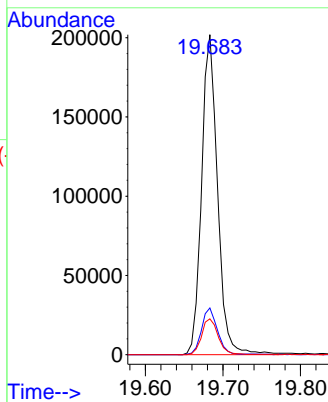
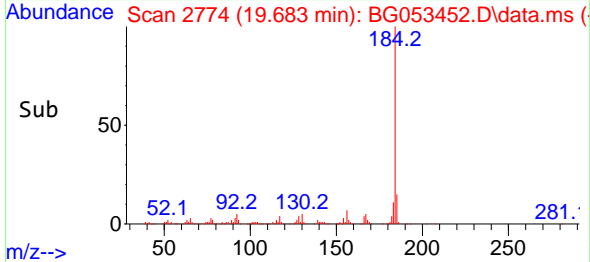


Tgt Ion:184 Resp: 28812
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.8 17.6
 183 11.2 8.9 13.3

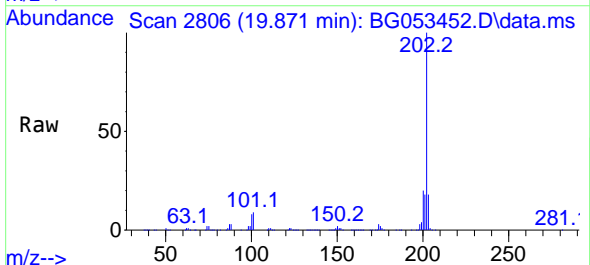
Manual Integrations

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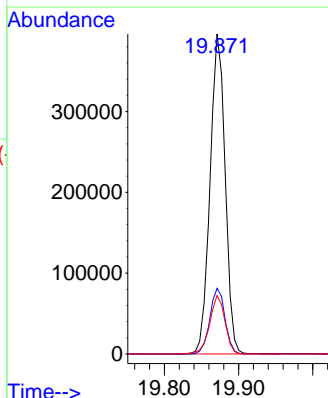
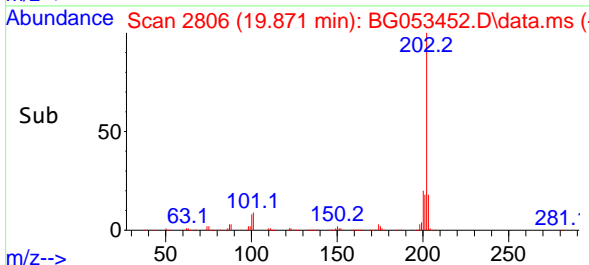
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

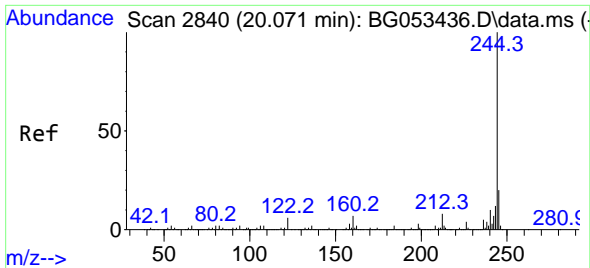


#78
 Pyrene
 Concen: 39.602 ng
 RT: 19.871 min Scan# 2806
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:202 Resp: 560411
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 24.8
 203 18.3 14.6 21.8





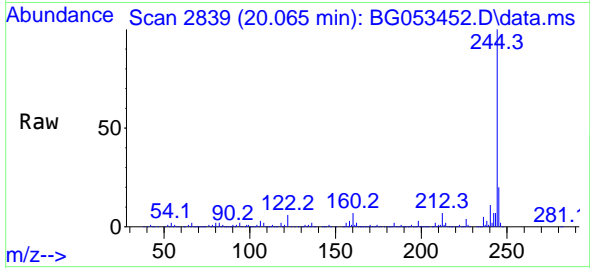
#79
 Terphenyl-d14
 Concen: 79.746 ng
 RT: 20.065 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

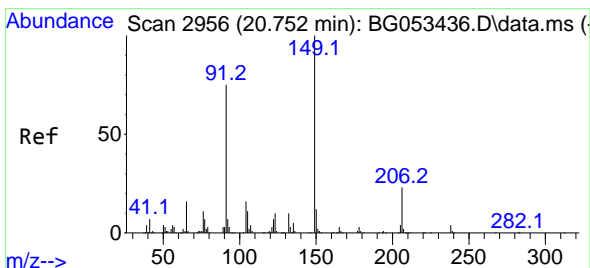
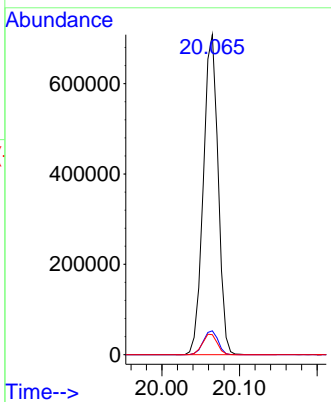
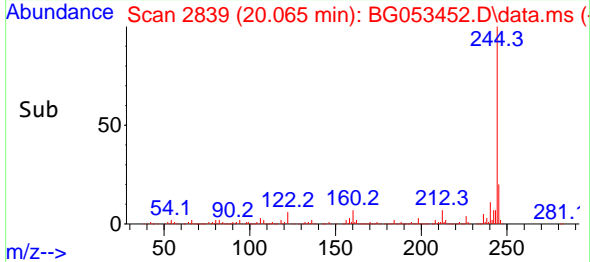


Tgt Ion:244 Resp: 935994
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.2 5.0 7.4

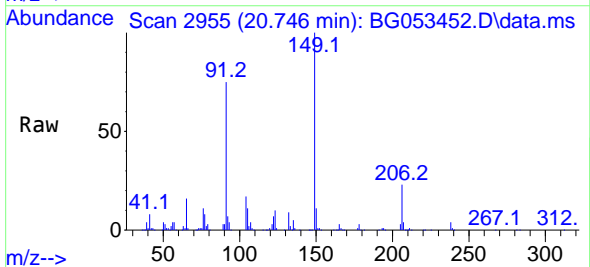
Manual Integrations

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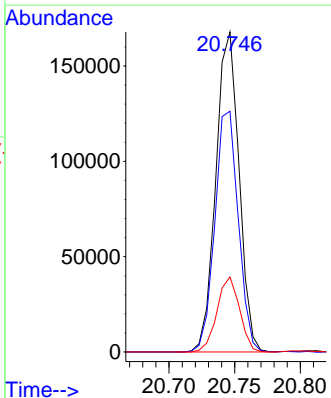
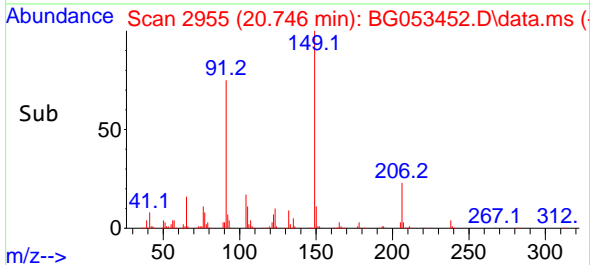
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

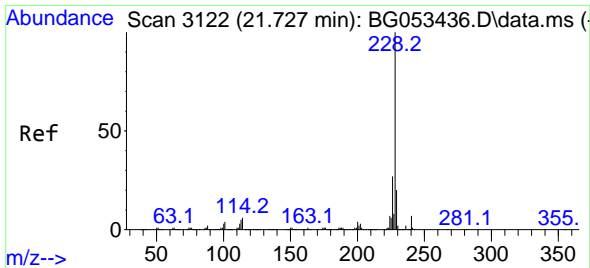


#80
 Butylbenzylphthalate
 Concen: 39.666 ng
 RT: 20.746 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:149 Resp: 205832
 Ion Ratio Lower Upper
 149 100
 91 75.2 59.6 89.4
 206 23.4 18.6 28.0





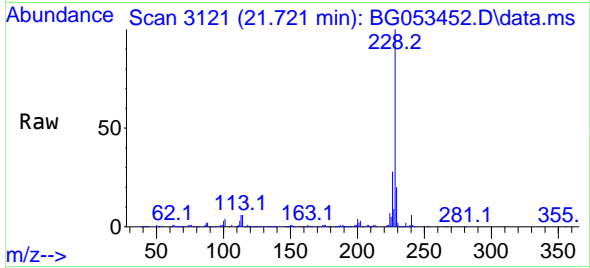
#81
 Benzo(a)anthracene
 Concen: 40.452 ng
 RT: 21.721 min Scan# 3122
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

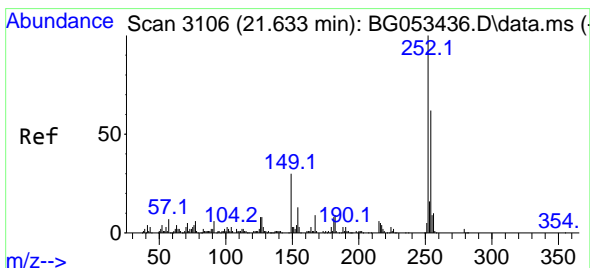
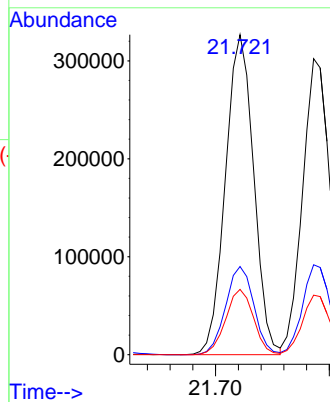
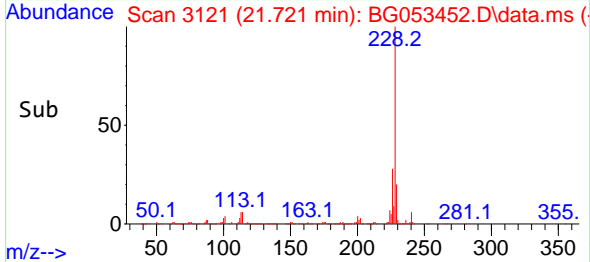


Tgt Ion:228 Resp: 564020
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.6 32.4
 229 20.4 16.2 24.2

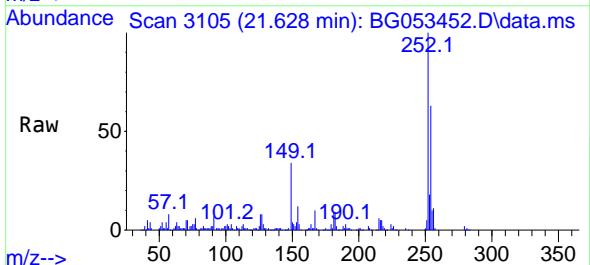
Manual Integrations

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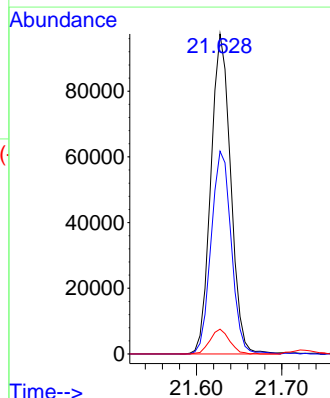
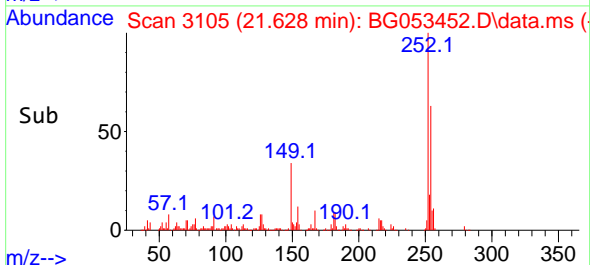
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

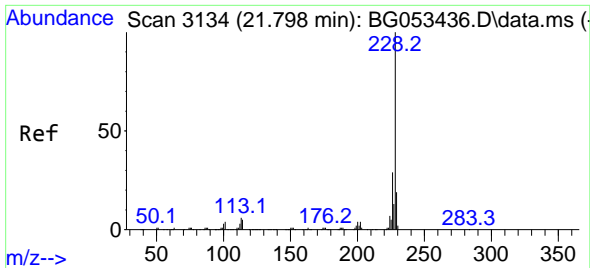


#82
 3,3'-Dichlorobenzidine
 Concen: 44.419 ng
 RT: 21.628 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:252 Resp: 157053
 Ion Ratio Lower Upper
 252 100
 254 63.4 49.8 74.8
 126 7.8 6.0 9.0





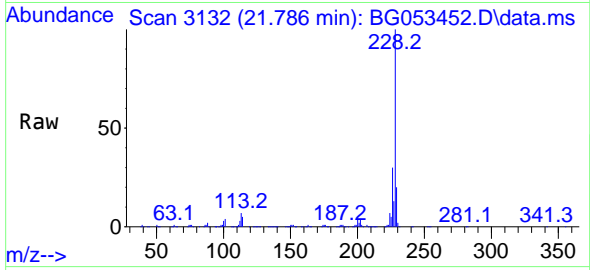
#83
 Chrysene
 Concen: 38.853 ng
 RT: 21.786 min Scan# 3134
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

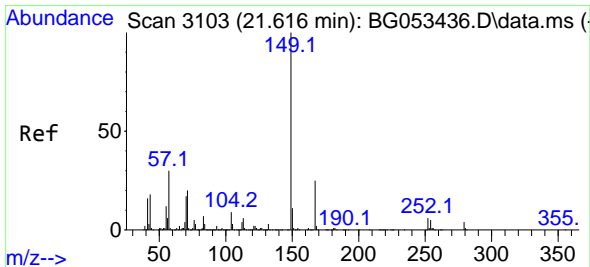
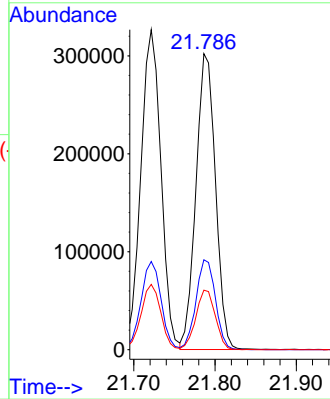
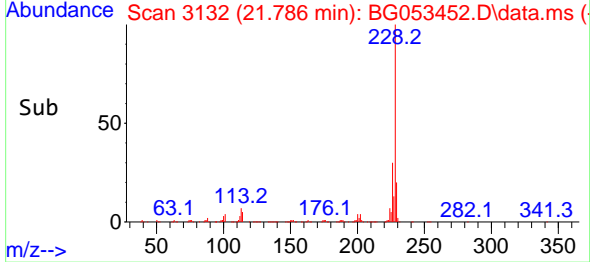


Tgt Ion:228 Resp: 505940
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.2
 229 20.1 15.5 23.3

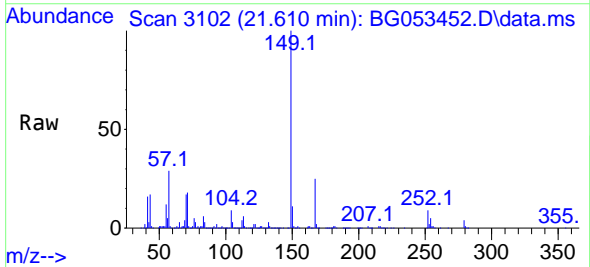
Manual Integrations

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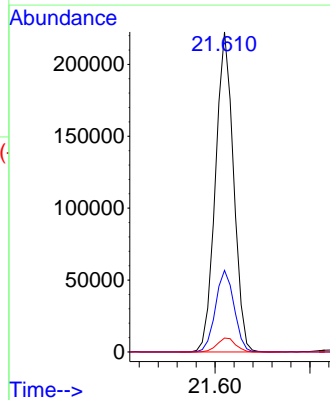
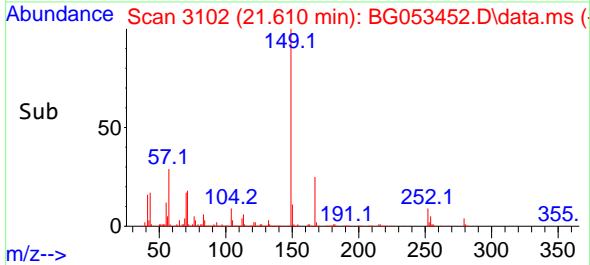
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

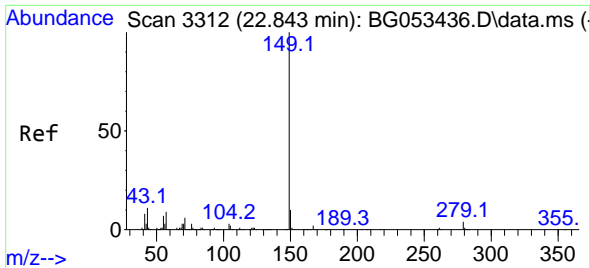


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.052 ng
 RT: 21.610 min Scan# 3102
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:149 Resp: 294024
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.4
 279 4.3 3.6 5.4





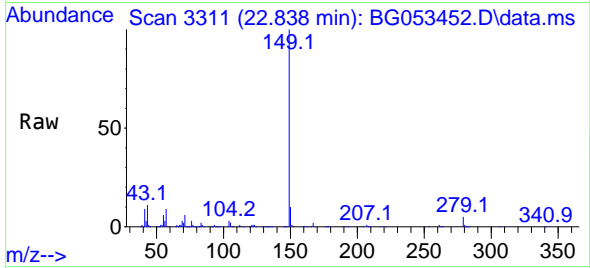
#85
 Di-n-octyl phthalate
 Concen: 41.646 ng
 RT: 22.838 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

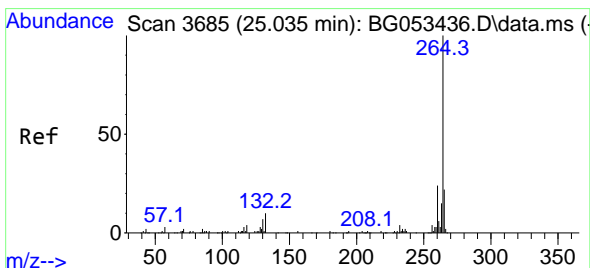
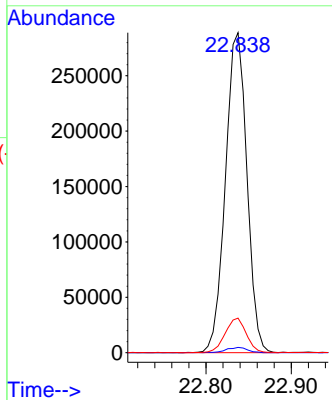
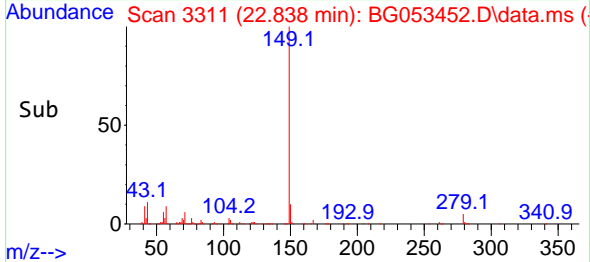
PB144603BS



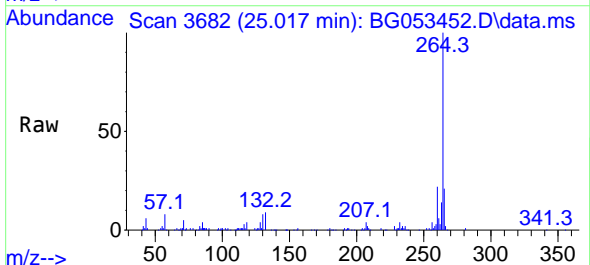
Tgt Ion:149 Resp: 50438
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.7 9.0 13.4

Manual Integrations
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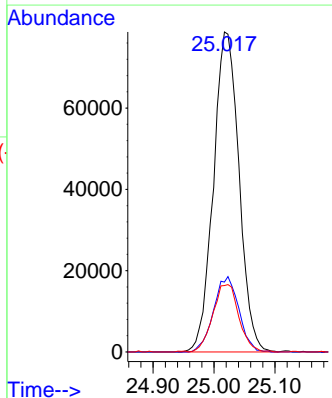
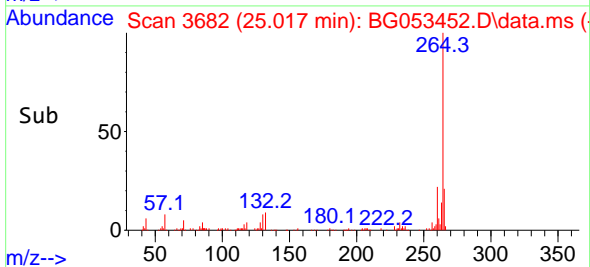
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

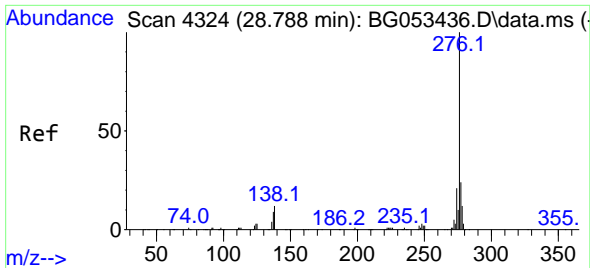


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.017 min Scan# 3682
 Delta R.T. -0.018 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:264 Resp: 229318
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.0 28.6
 265 20.7 17.4 26.2





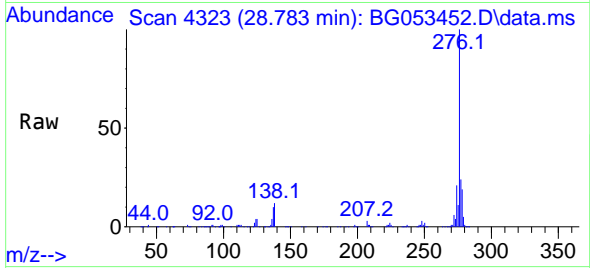
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.839 ng
 RT: 28.783 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

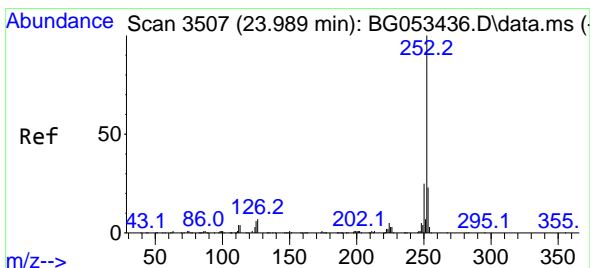
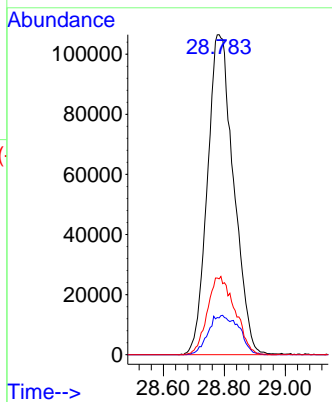
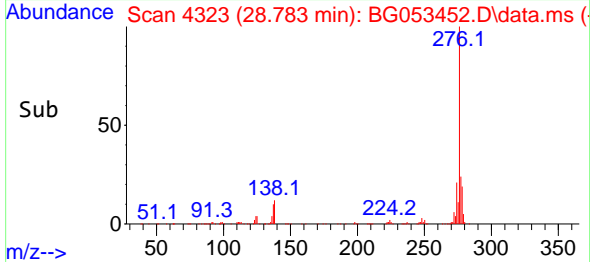


Tgt Ion:276 Resp: 63628
 Ion Ratio Lower Upper
 276 100
 138 14.4 5.0 7.4
 277 25.6 20.3 30.5

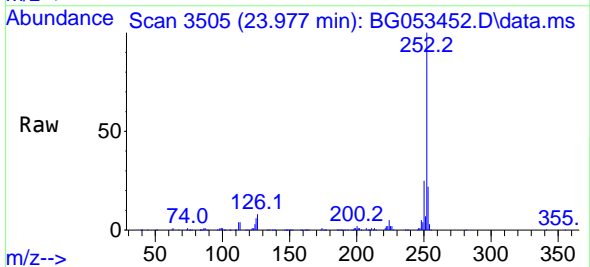
Manual Integrations

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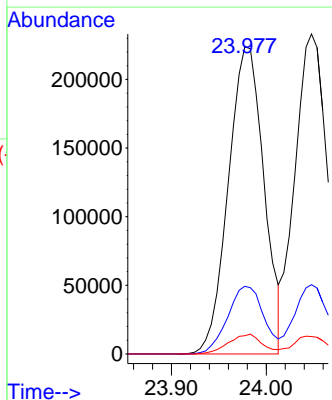
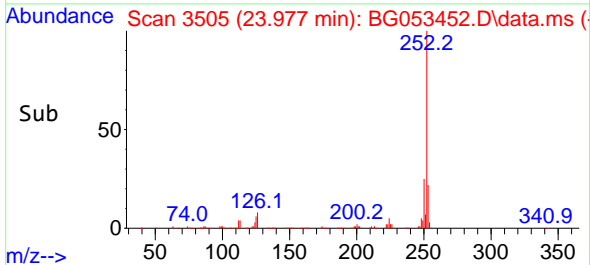
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

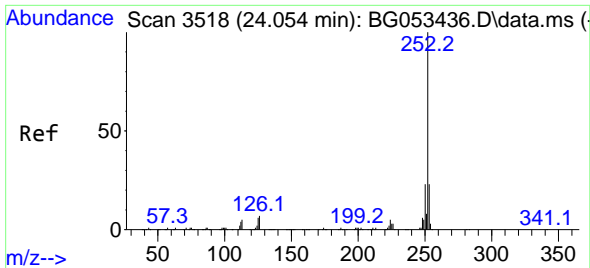


#88
 Benzo(b)fluoranthene
 Concen: 43.060 ng
 RT: 23.977 min Scan# 3505
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:252 Resp: 584482
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 5.9 4.6 6.8





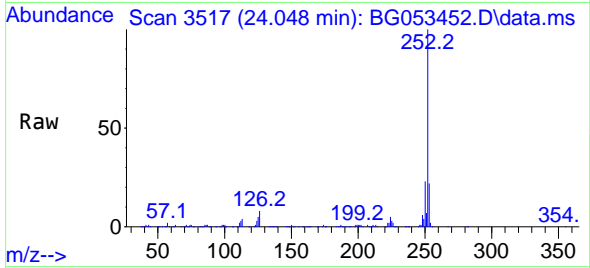
#89
 Benzo(k)fluoranthene
 Concen: 42.165 ng
 RT: 24.048 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

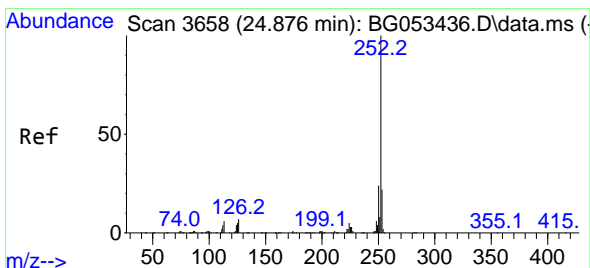
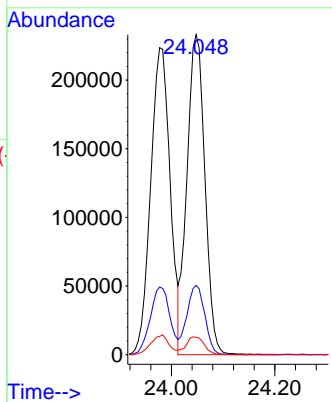
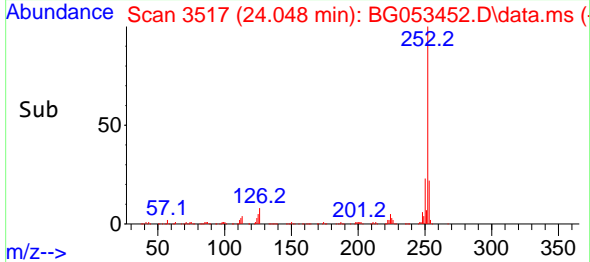
PB144603BS



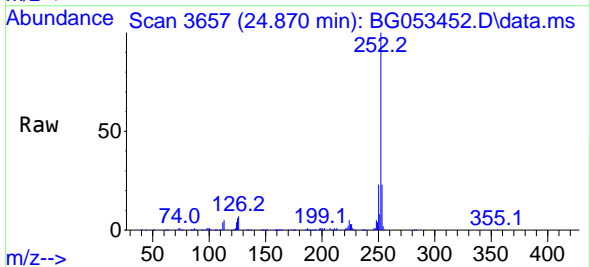
Tgt Ion:252 Resp: 56241
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.4 27.6
 125 5.5 4.8 7.2

Manual Integrations
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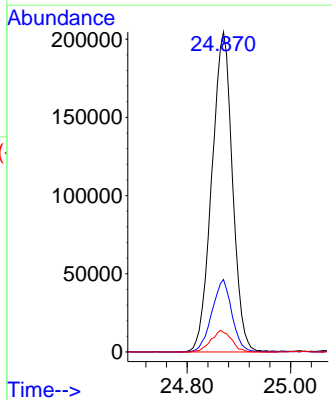
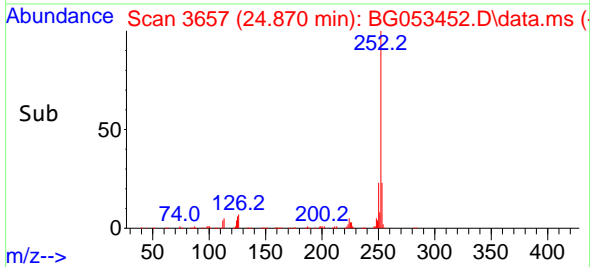
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

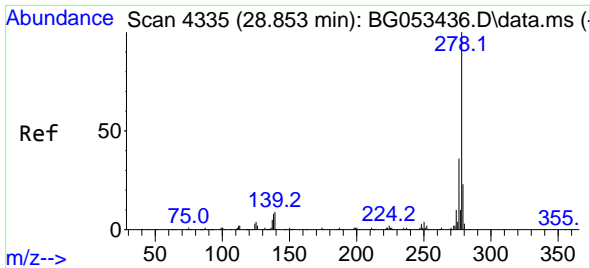


#90
 Benzo(a)pyrene
 Concen: 49.129 ng
 RT: 24.870 min Scan# 3657
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:252 Resp: 567603
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 6.1 4.3 6.5





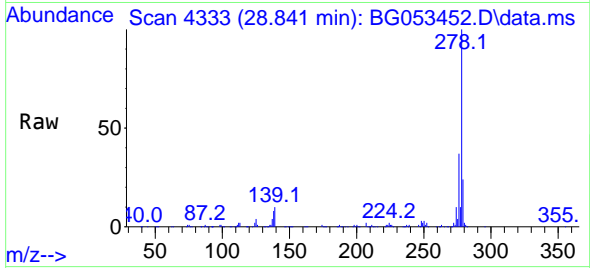
#91
 Dibenzo(a,h)anthracene
 Concen: 41.689 ng
 RT: 28.841 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

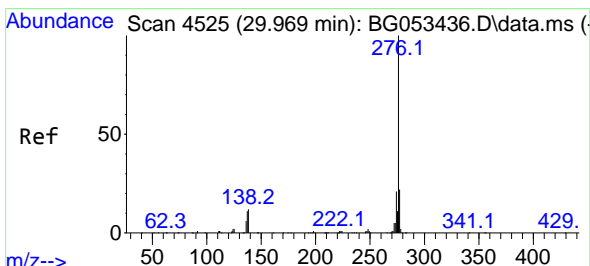
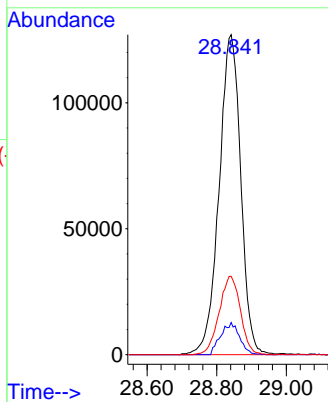
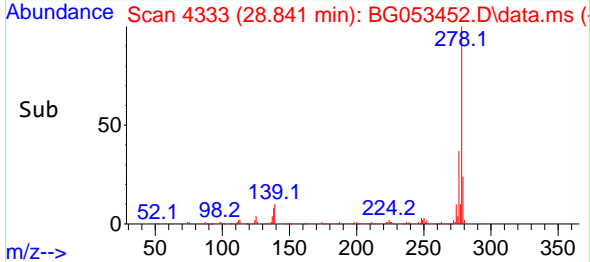


Tgt Ion:278 Resp: 54864
 Ion Ratio Lower Upper
 278 100
 139 10.0 7.2 10.8
 279 24.5 18.6 27.8

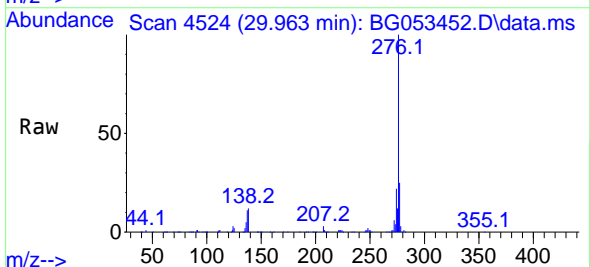
Manual Integrations

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Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022



#92
 Benzo(g,h,i)perylene
 Concen: 42.411 ng
 RT: 29.963 min Scan# 4524
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58



Tgt Ion:276 Resp: 553266
 Ion Ratio Lower Upper
 276 100
 277 24.8 17.3 25.9
 138 11.8 9.6 14.4

