

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053090.D
 Acq On : 8 Apr 2022 18:59
 Operator : CG/JU
 Sample : PB143990BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143990BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 09 07:03:59 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 08 15:31:24 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	27981	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	115325	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	85424	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	212648	20.000	ng	0.00
76) Chrysene-d12	21.775	240	220817	20.000	ng	0.00
86) Perylene-d12	25.071	264	230793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	243303	149.053	ng	0.00
7) Phenol-d6	7.283	99	348996	138.644	ng	0.00
23) Nitrobenzene-d5	9.281	82	247202	87.034	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	187108	137.674	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	550903	88.926	ng	0.00
79) Terphenyl-d14	20.089	244	1160386	88.751	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	29019	37.226	ng	# 89
3) Pyridine	3.964	79	72760	35.390	ng	# 84
4) n-Nitrosodimethylamine	3.870	42	52637	51.700	ng	80
6) Aniline	7.442	93	123218	42.237	ng	97
8) 2-Chlorophenol	7.689	128	94896	53.850	ng	97
9) Benzaldehyde	7.248	77	80800m	53.700	ng	
10) Phenol	7.307	94	127639	50.941	ng	87
11) bis(2-Chloroethyl)ether	7.530	93	91024	50.396	ng	91
12) 1,3-Dichlorobenzene	8.012	146	98590	48.146	ng	96
13) 1,4-Dichlorobenzene	8.159	146	101370	48.557	ng	96
14) 1,2-Dichlorobenzene	8.476	146	98131	48.745	ng	99
15) Benzyl Alcohol	8.352	79	110395	49.340	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.646	45	143314	47.526	ng	98
17) 2-Methylphenol	8.564	107	87951	51.871	ng	96
18) Hexachloroethane	9.216	117	38196	48.791	ng	95
19) n-Nitroso-di-n-propyla...	8.922	70	86721	47.058	ng	# 93
20) 3+4-Methylphenols	8.887	107	121253	50.658	ng	96
22) Acetophenone	8.946	105	144208	45.073	ng	# 96
24) Nitrobenzene	9.328	77	129787	46.979	ng	91
25) Isophorone	9.850	82	236469	48.982	ng	99
26) 2-Nitrophenol	10.038	139	54016	46.758	ng	# 85
27) 2,4-Dimethylphenol	10.097	122	95415	57.670	ng	98
28) bis(2-Chloroethoxy)met...	10.326	93	128800	47.490	ng	98
29) 2,4-Dichlorophenol	10.579	162	104331	50.161	ng	99
30) 1,2,4-Trichlorobenzene	10.796	180	107010	45.458	ng	100
31) Naphthalene	10.984	128	286255	46.524	ng	98
32) Benzoic acid	10.238	122	50264	46.780	ng	88
33) 4-Chloroaniline	11.090	127	63464	24.086	ng	97
34) Hexachlorobutadiene	11.272	225	79862	45.670	ng	97
35) Caprolactam	11.848	113	34336m	46.834	ng	
36) 4-Chloro-3-methylphenol	12.206	107	118208	48.817	ng	97
37) 2-Methylnaphthalene	12.582	142	212164	46.601	ng	# 95
38) 1-Methylnaphthalene	12.799	142	203282m	45.743	ng	
40) 1,2,4,5-Tetrachloroben...	12.946	216	135089	46.561	ng	98
41) Hexachlorocyclopentadiene	12.929	237	186001	124.190	ng	93
43) 2,4,6-Trichlorophenol	13.181	196	97499	48.741	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 08 15:31:24 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	105015	49.266	ng	98
46) 1,1'-Biphenyl	13.581	154	294496	47.872	ng	100
47) 2-Chloronaphthalene	13.628	162	232745	47.422	ng	96
48) 2-Nitroaniline	13.822	65	91585	49.172	ng	91
49) Acenaphthylene	14.468	152	391286	50.929	ng	98
50) Dimethylphthalate	14.192	163	323410	47.334	ng	99
51) 2,6-Dinitrotoluene	14.309	165	71494	50.157	ng	# 81
52) Acenaphthene	14.808	154	286431m	54.976	ng	
53) 3-Nitroaniline	14.638	138	49983	33.162	ng	98
54) 2,4-Dinitrophenol	14.850	184	93696	103.309	ng	# 87
55) Dibenzofuran	15.143	168	378216	46.360	ng	96
56) 4-Nitrophenol	14.955	139	122916	106.929	ng	# 79
57) 2,4-Dinitrotoluene	15.096	165	104290	51.392	ng	86
58) Fluorene	15.789	166	312350	47.404	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	99965	48.290	ng	98
60) Diethylphthalate	15.549	149	341428	47.694	ng	98
61) 4-Chlorophenyl-phenyle...	15.778	204	175396	46.957	ng	97
62) 4-Nitroaniline	15.807	138	73885	46.456	ng	# 81
63) Azobenzene	16.071	77	337582	46.772	ng	97
65) 4,6-Dinitro-2-methylph...	15.866	198	63452	42.769	ng	96
66) n-Nitrosodiphenylamine	15.989	169	289316	47.312	ng	98
67) 4-Bromophenyl-phenylether	16.671	248	125845	46.186	ng	97
68) Hexachlorobenzene	16.800	284	139090	47.136	ng	95
69) Atrazine	16.935	200	125602	52.582	ng	97
70) Pentachlorophenol	17.141	266	168820	104.683	ng	90
71) Phenanthrene	17.534	178	549266	47.288	ng	97
72) Anthracene	17.622	178	554140	48.156	ng	99
73) Carbazole	17.887	167	509513	45.551	ng	99
74) Di-n-butylphthalate	18.439	149	604896	47.682	ng	98
75) Fluoranthene	19.537	202	722693	48.540	ng	100
77) Benzidine	19.708	184	475293	75.440	ng	99
78) Pyrene	19.901	202	719081	45.724	ng	99
80) Butylbenzylphthalate	20.771	149	276229	47.113	ng	95
81) Benzo(a)anthracene	21.752	228	726655	48.130	ng	97
82) 3,3'-Dichlorobenzidine	21.664	252	160836	28.966	ng	98
83) Chrysene	21.822	228	654665	46.722	ng	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	384793	48.553	ng	98
85) Di-n-octyl phthalate	22.886	149	646531	48.778	ng	97
87) Indeno(1,2,3-cd)pyrene	28.860	276	811337	47.318	ng	# 97
88) Benzo(b)fluoranthene	24.031	252	738494	50.715	ng	# 98
89) Benzo(k)fluoranthene	24.102	252	715371m	49.986	ng	
90) Benzo(a)pyrene	24.924	252	711110	57.323	ng	99
91) Dibenzo(a,h)anthracene	28.925	278	699041	49.533	ng	96
92) Benzo(g,h,i)perylene	30.047	276	696310	50.059	ng	98

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

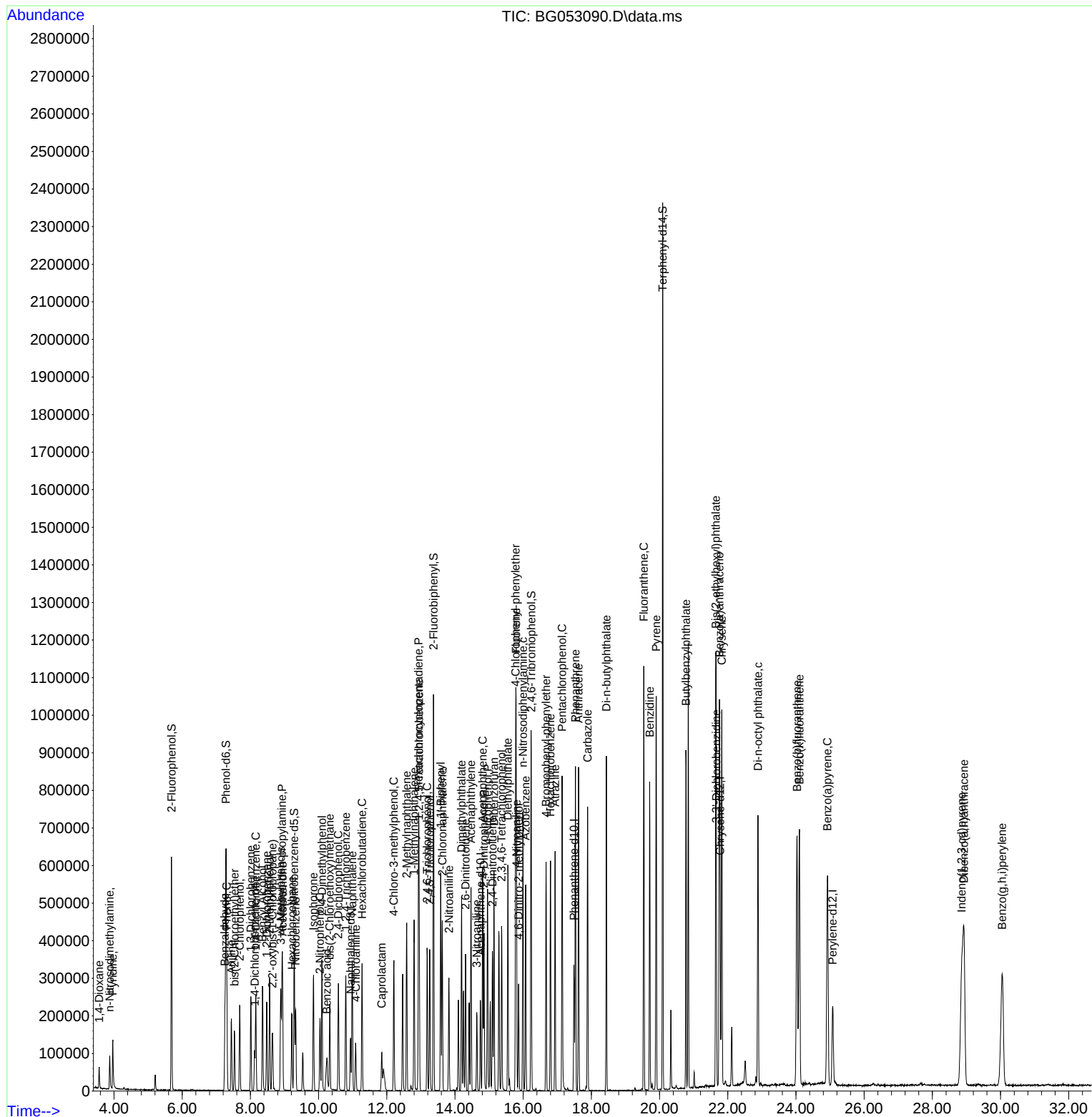
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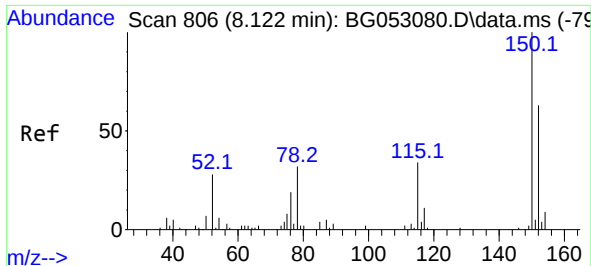
Instrument :
 BNA_G
 ClientSampleId :
 PB143990BS

Manual Integrations APPROVED

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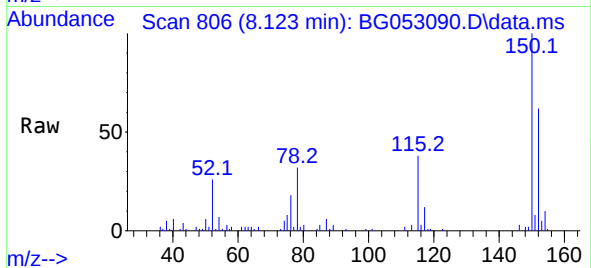
Quant Time: Apr 09 07:03:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

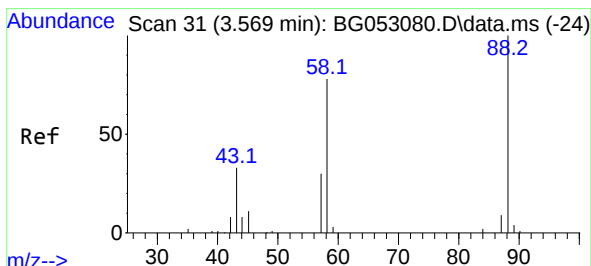
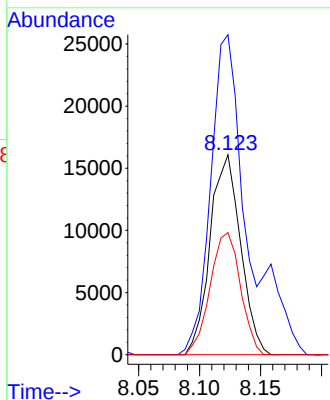
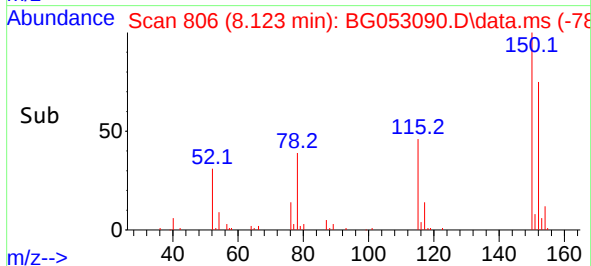
Instrument :
BNA_G
ClientSampleId :
PB143990BS



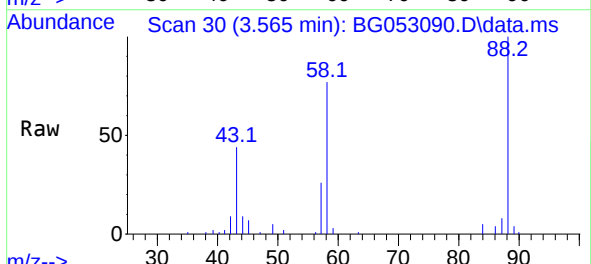
Tgt Ion:152 Resp: 2798
Ion Ratio Lower Upper
152 100
150 160.1 114.6 172.0
115 61.1 45.9 68.9

Manual Integrations
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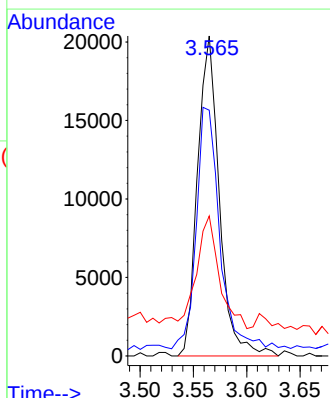
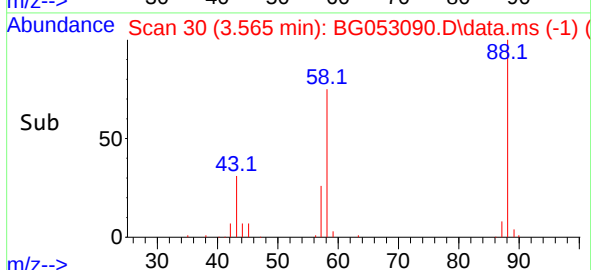
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

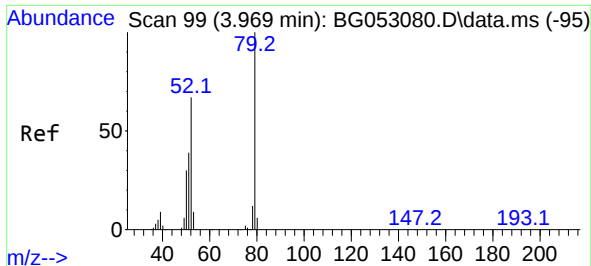


#2
1,4-Dioxane
Concen: 37.226 ng
RT: 3.565 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



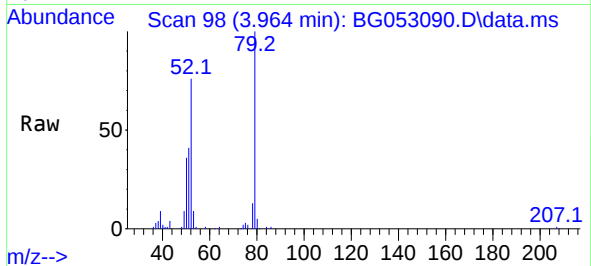
Tgt Ion: 88 Resp: 29019
Ion Ratio Lower Upper
88 100
58 80.9 58.2 87.2
43 36.5 23.4 35.0#





#3
Pyridine
Concen: 35.390 ng
RT: 3.964 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

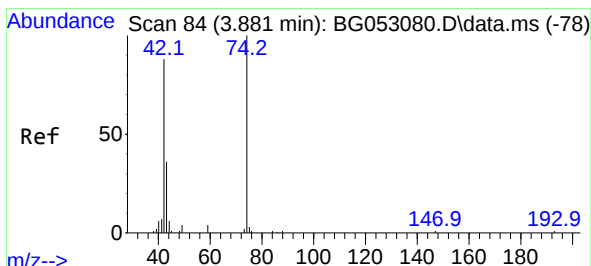
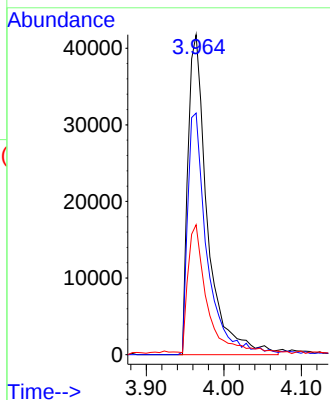
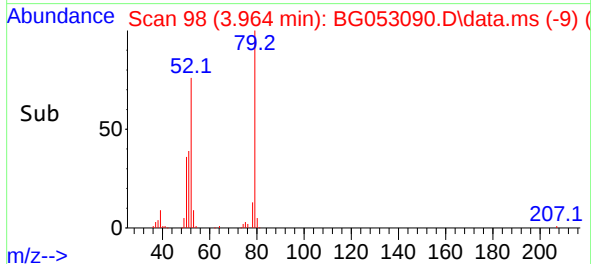
Instrument :
BNA_G
ClientSampleId :
PB143990BS



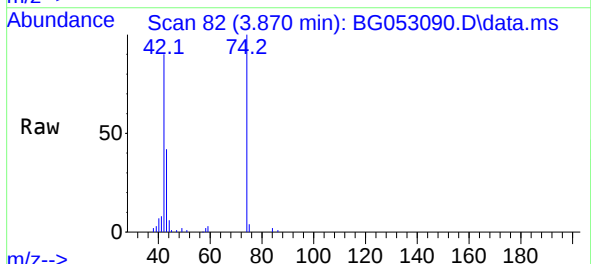
Tgt Ion: 79 Resp: 72760
Ion Ratio Lower Upper
79 100
52 75.5 50.9 76.3
51 40.6 24.4 36.6

Manual Integrations
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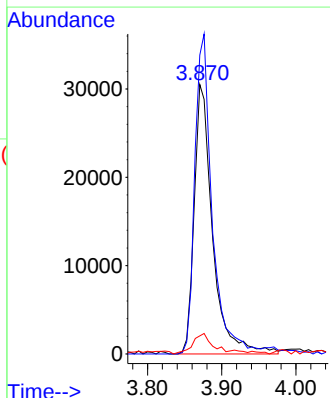
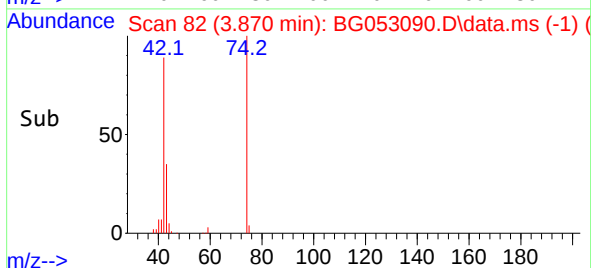
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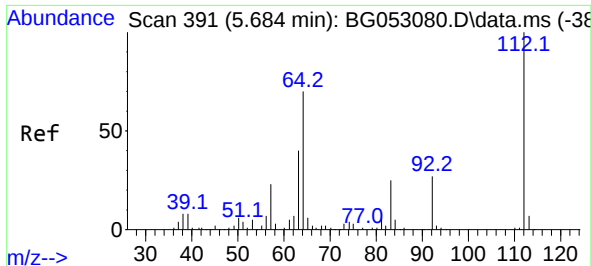


#4
n-Nitrosodimethylamine
Concen: 51.700 ng
RT: 3.870 min Scan# 82
Delta R.T. -0.010 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion: 42 Resp: 52637
Ion Ratio Lower Upper
42 100
74 110.9 108.9 163.3
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 149.053 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

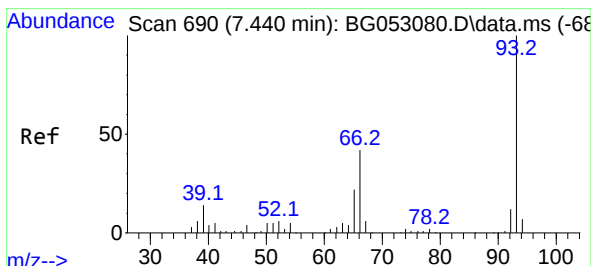
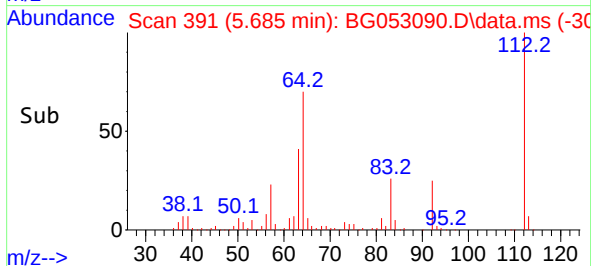
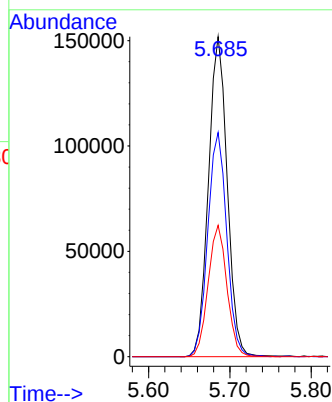
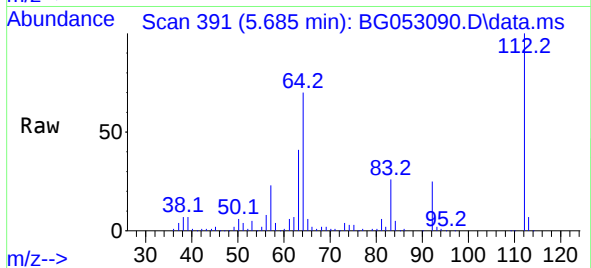
PB143990BS

Tgt Ion:112 Resp: 24330
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 41.1 26.5 39.7

Manual Integrations

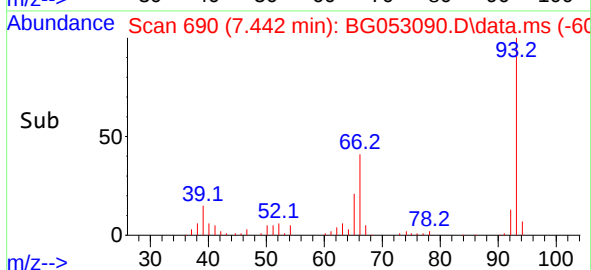
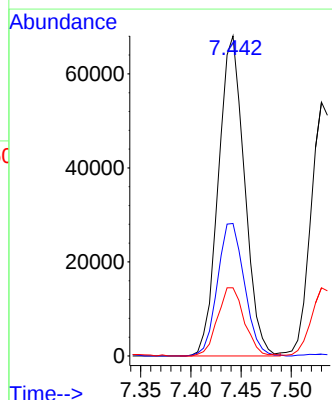
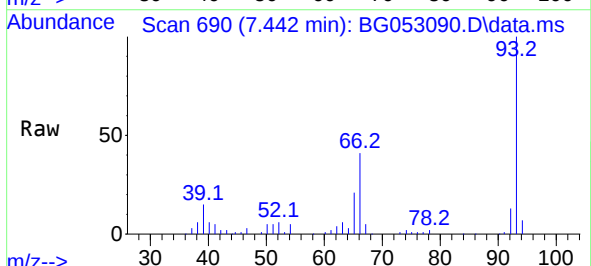
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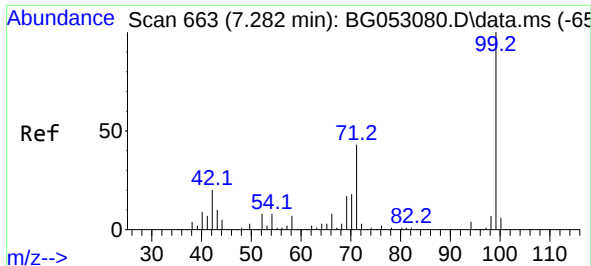
Reviewed By :Christian Giraldo 04/11/2022
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#6
Aniline
Concen: 42.237 ng
RT: 7.442 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

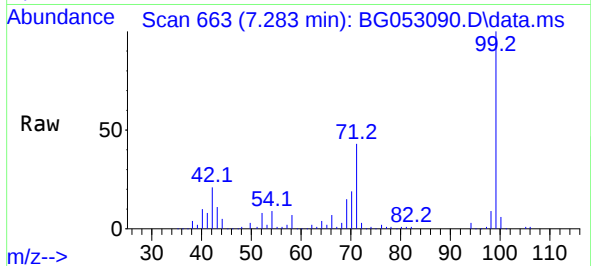
Tgt Ion: 93 Resp: 123218
Ion Ratio Lower Upper
93 100
66 41.4 31.3 46.9
65 21.3 16.7 25.1





#7
Phenol-d6
Concen: 138.644 ng
RT: 7.283 min Scan# 663
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

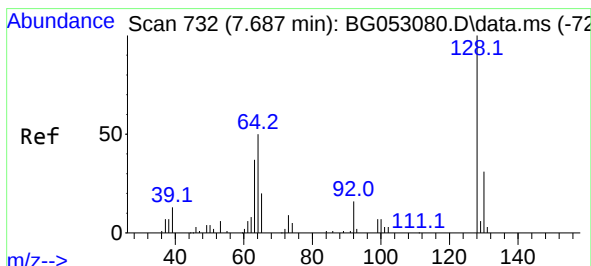
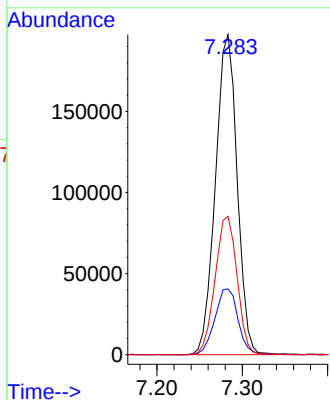
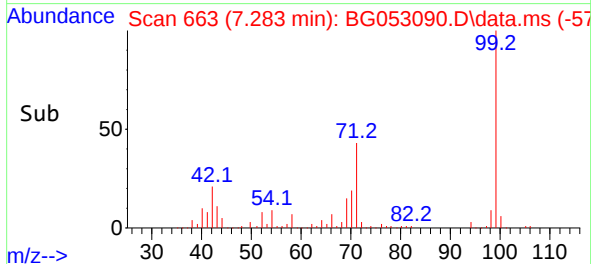
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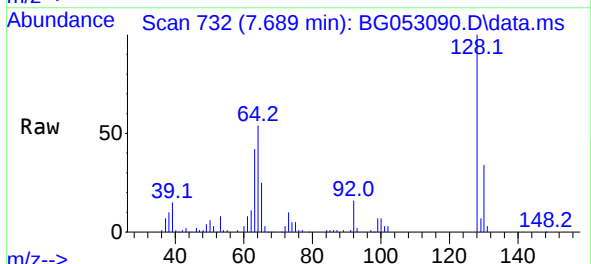
Tgt Ion: 99 Resp: 348990
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 43.2 29.2 43.8

Manual Integrations
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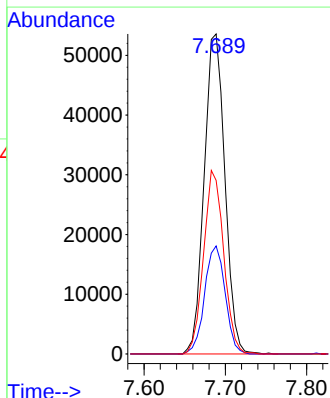
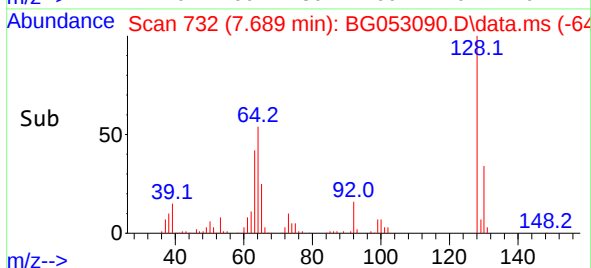
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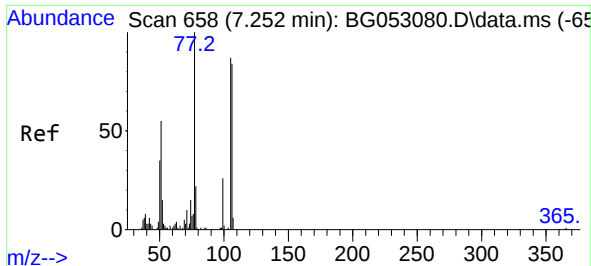


#8
2-Chlorophenol
Concen: 53.850 ng
RT: 7.689 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



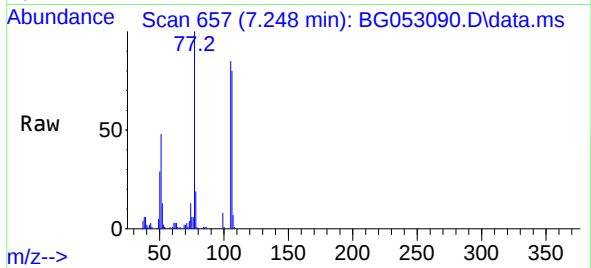
Tgt Ion:128 Resp: 94896
Ion Ratio Lower Upper
128 100
130 33.8 13.4 53.4
64 54.3 30.9 70.9





#9
Benzaldehyde
Concen: 53.700 ng m
RT: 7.248 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG053090.D
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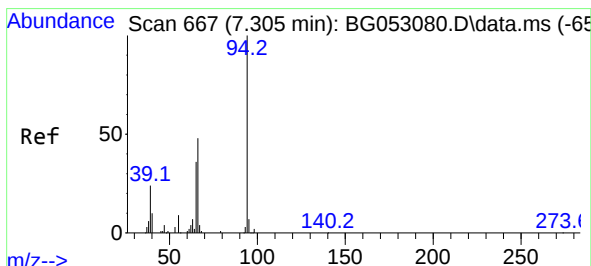
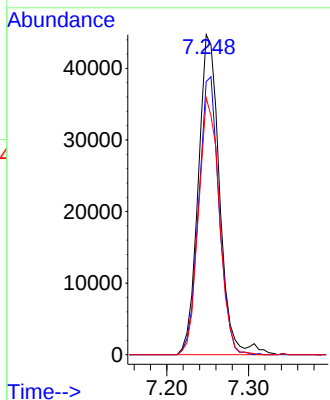
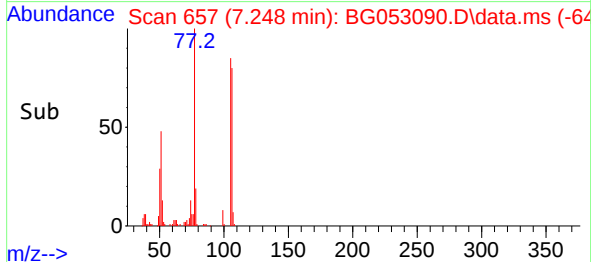
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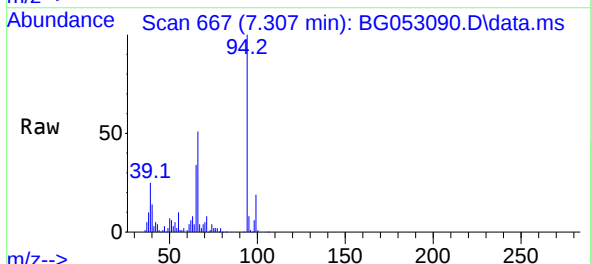
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Ion Ratio Lower Upper
77 100
105 85.4 70.6 110.6
106 80.3 67.6 107.6

Manual Integrations
APPROVED

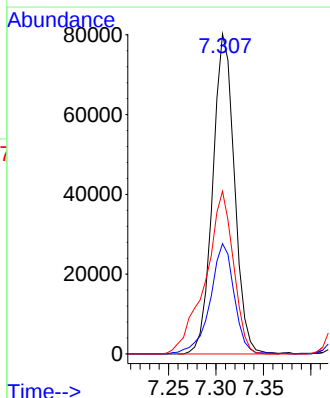
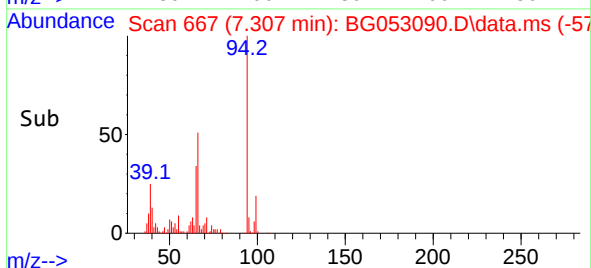
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

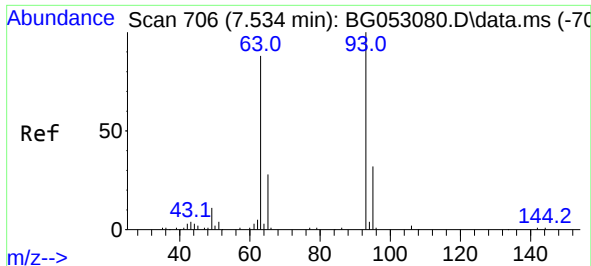


#10
Phenol
Concen: 50.941 ng
RT: 7.307 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



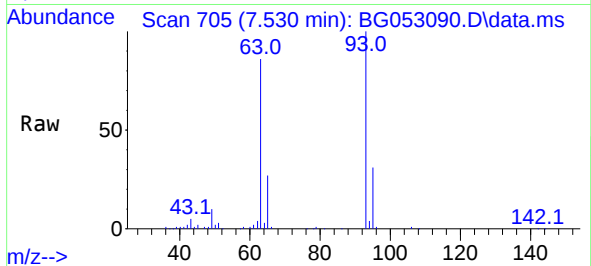
Tgt Ion: 94 Resp: 127639
Ion Ratio Lower Upper
94 100
65 34.4 11.1 51.1
66 50.9 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 50.396 ng
RT: 7.530 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

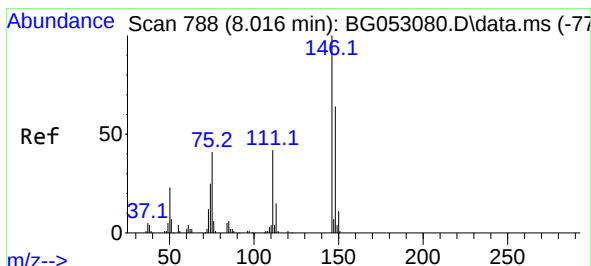
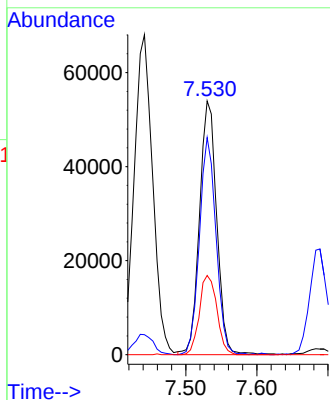
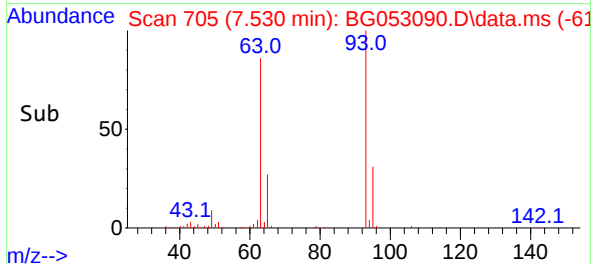
Instrument :
BNA_G
ClientSampleId :
PB143990BS



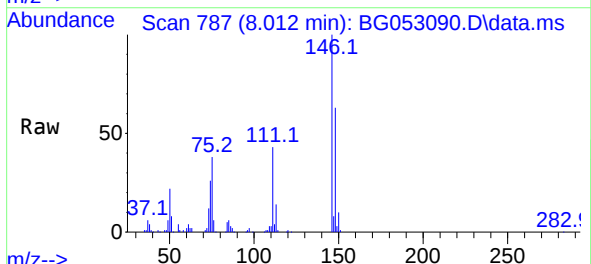
Tgt Ion: 93 Resp: 91024
Ion Ratio Lower Upper
93 100
63 85.6 56.9 96.9
95 31.2 14.5 54.5

Manual Integrations
APPROVED

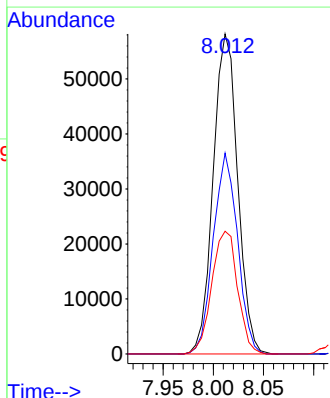
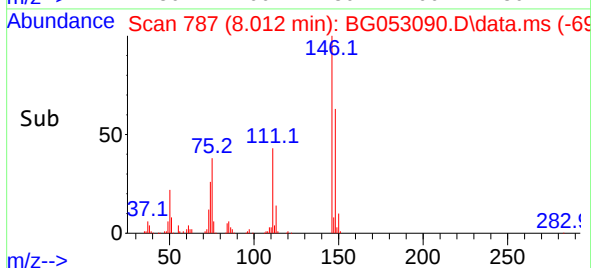
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

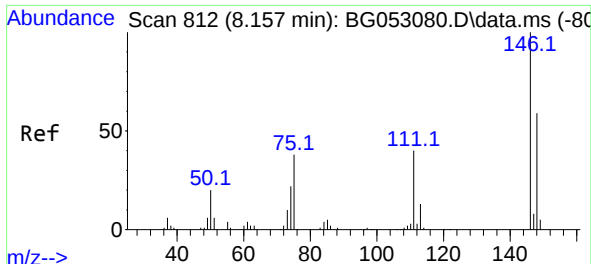


#12
1,3-Dichlorobenzene
Concen: 48.146 ng
RT: 8.012 min Scan# 787
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



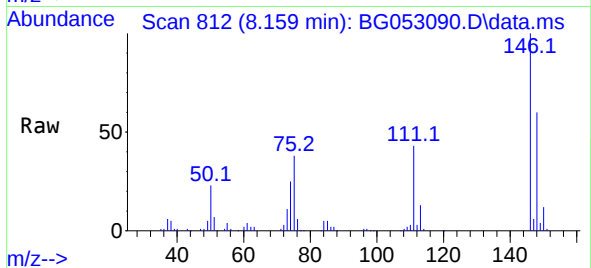
Tgt Ion:146 Resp: 98590
Ion Ratio Lower Upper
146 100
148 62.7 50.6 76.0
75 38.3 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 48.557 ng
RT: 8.159 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

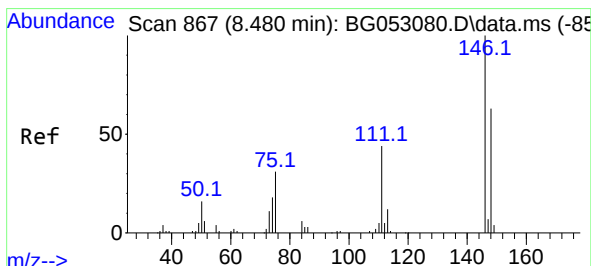
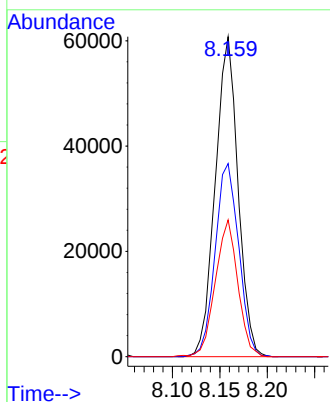
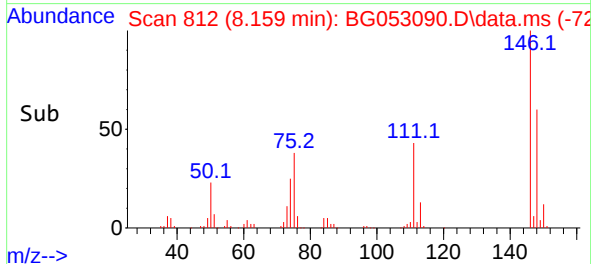
Instrument :
BNA_G
ClientSampleId :
PB143990BS



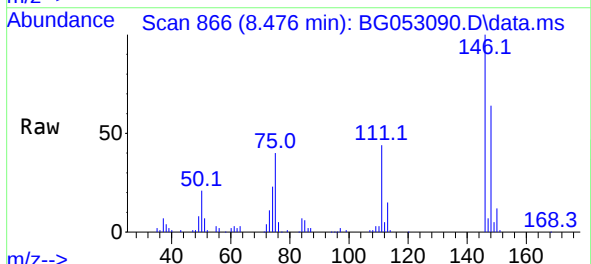
Tgt Ion:146 Resp: 101370
Ion Ratio Lower Upper
146 100
148 60.4 50.0 75.0
111 42.7 31.0 46.4

Manual Integrations
APPROVED

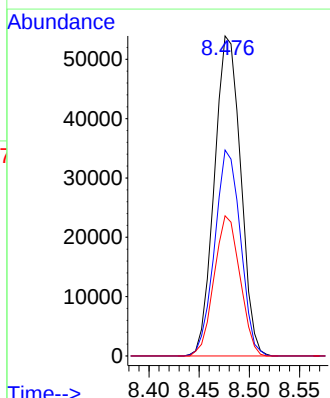
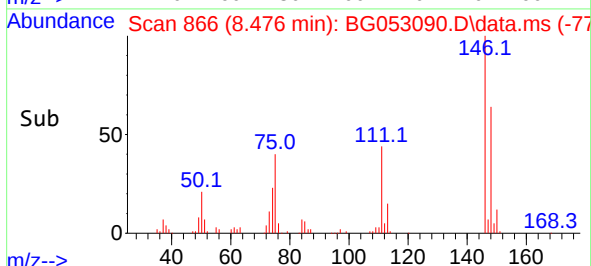
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

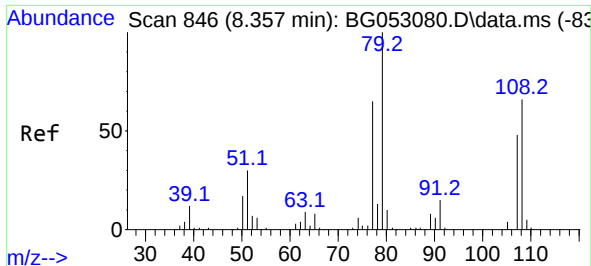


#14
1,2-Dichlorobenzene
Concen: 48.745 ng
RT: 8.476 min Scan# 866
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:146 Resp: 98131
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.8 34.7 52.1





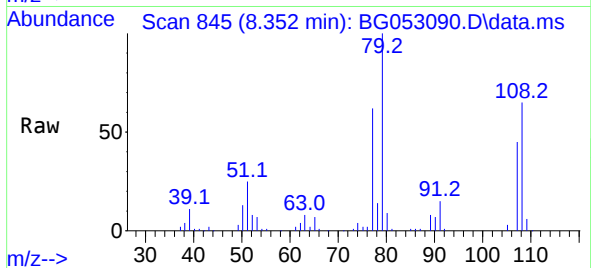
#15
Benzyl Alcohol
Concen: 49.340 ng
RT: 8.352 min Scan# 846
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

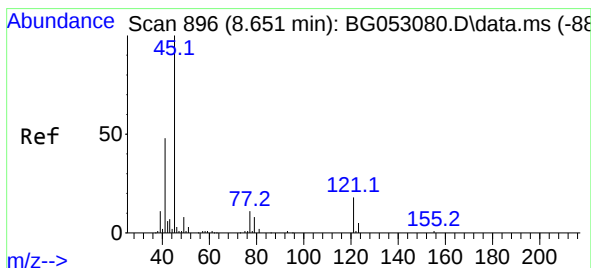
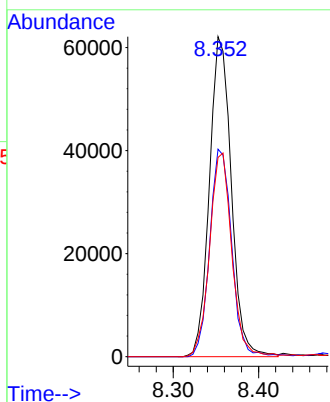
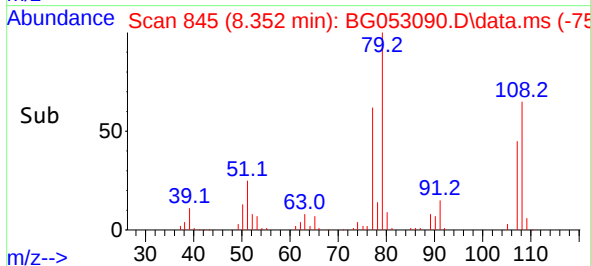
PB143990BS



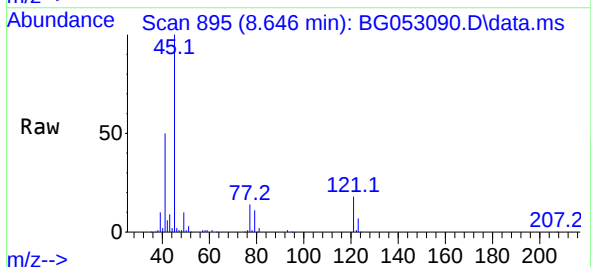
Tgt Ion: 79 Resp: 11039
Ion Ratio Lower Upper
79 100
108 64.8 55.1 82.7
77 62.2 52.4 78.6

Manual Integrations
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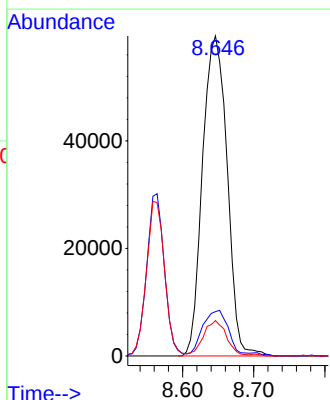
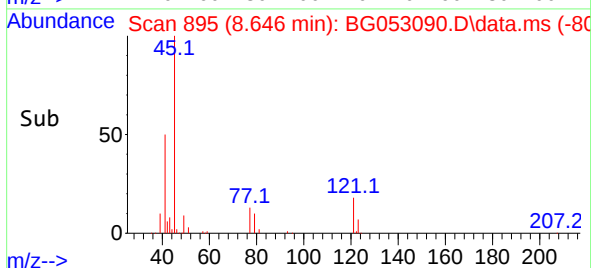
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

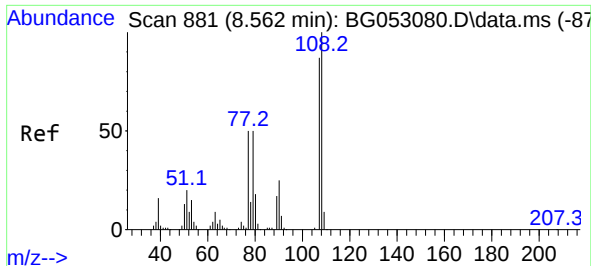


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.526 ng
RT: 8.646 min Scan# 895
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion: 45 Resp: 143314
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.9
79 11.1 0.0 30.7





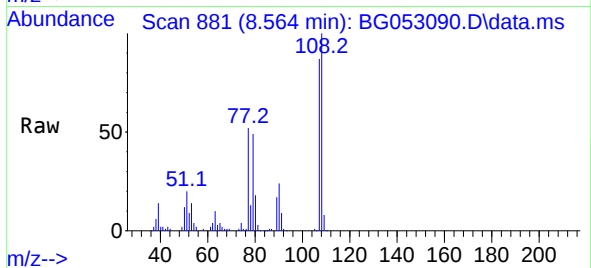
#17
2-Methylphenol
Concen: 51.871 ng
RT: 8.564 min Scan# 881
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

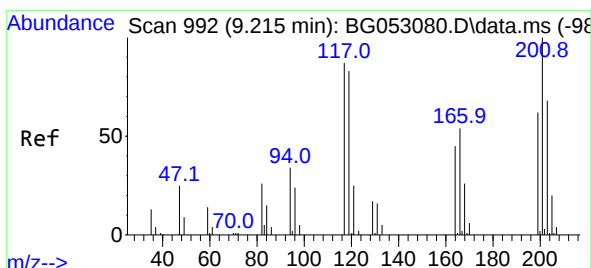
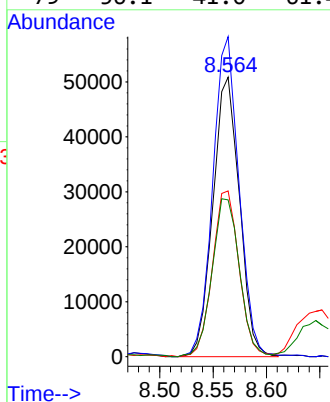
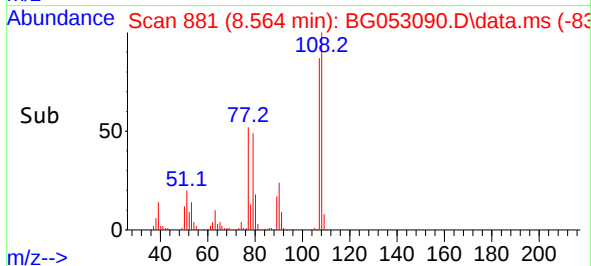


Tgt Ion:107 Resp: 8795
Ion Ratio Lower Upper
107 100
108 114.4 91.5 137.3
77 59.3 42.5 63.7
79 56.1 41.0 61.4

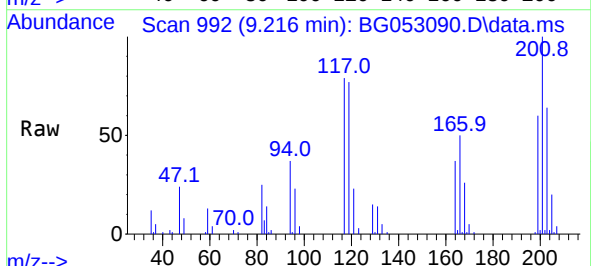
Manual Integrations

APPROVED

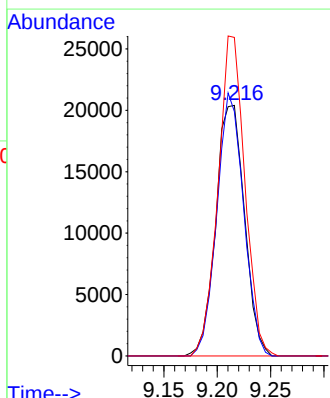
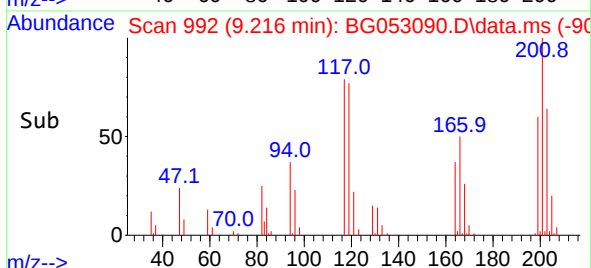
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#18
Hexachloroethane
Concen: 48.791 ng
RT: 9.216 min Scan# 992
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



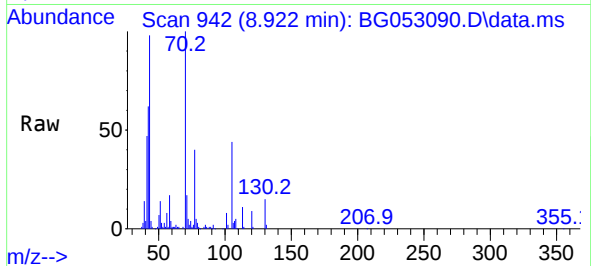
Tgt Ion:117 Resp: 38196
Ion Ratio Lower Upper
117 100
119 97.6 75.1 112.7
201 127.1 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.058 ng
RT: 8.922 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

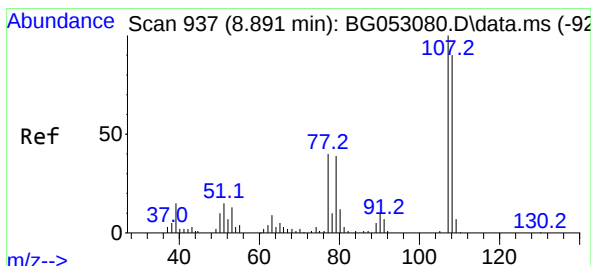
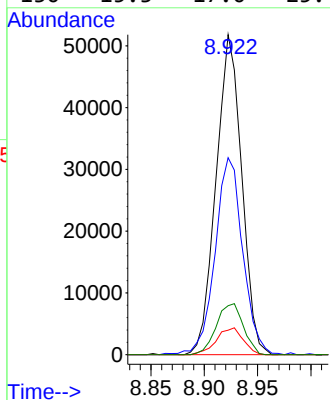
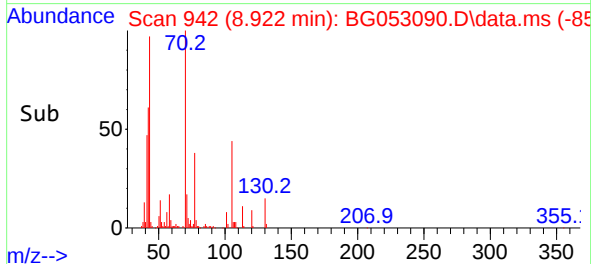
Instrument :
BNA_G
ClientSampleId :
PB143990BS



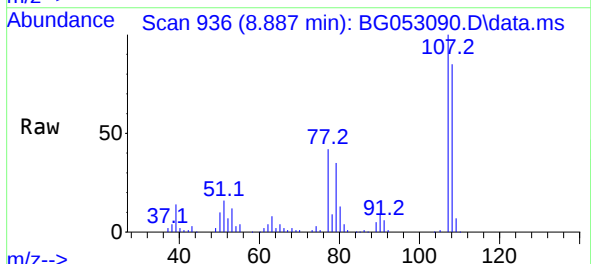
Tgt Ion: 70 Resp: 8672
Ion Ratio Lower Upper
70 100
42 61.6 46.0 69.0
101 7.7 6.2 9.4
130 15.3 17.0 25.4#

Manual Integrations
APPROVED

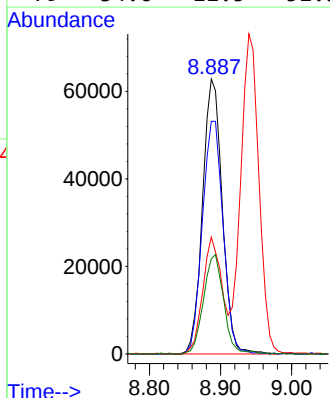
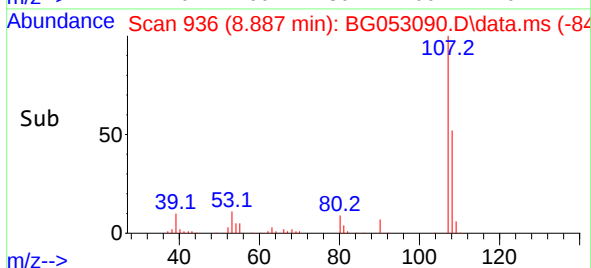
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

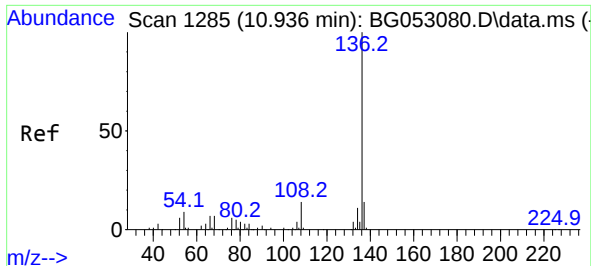


#20
3+4-Methylphenols
Concen: 50.658 ng
RT: 8.887 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:107 Resp: 121253
Ion Ratio Lower Upper
107 100
108 84.6 64.8 104.8
77 42.5 15.9 55.9
79 34.6 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1285
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

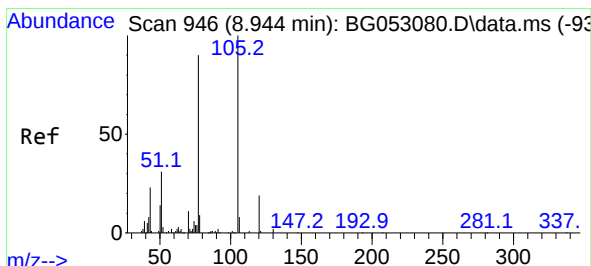
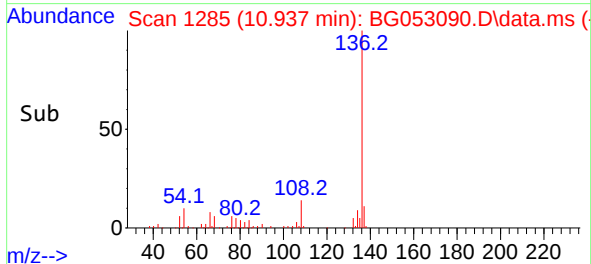
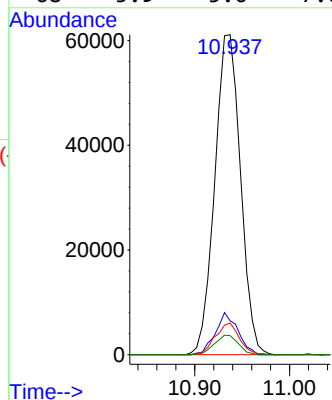
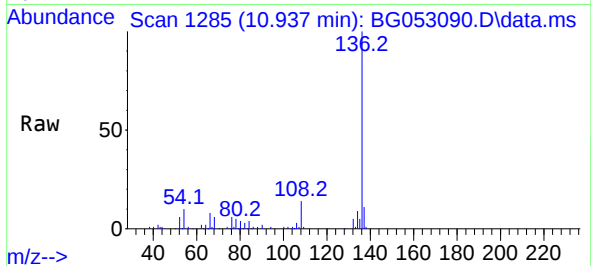
PB143990BS

Tgt Ion:	136	Resp:	11532
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.4	14.2
54	9.9	6.4	9.6
68	5.9	5.0	7.6

Manual Integrations

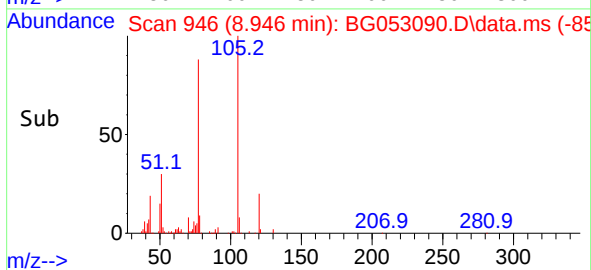
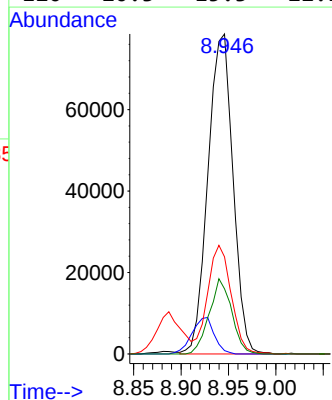
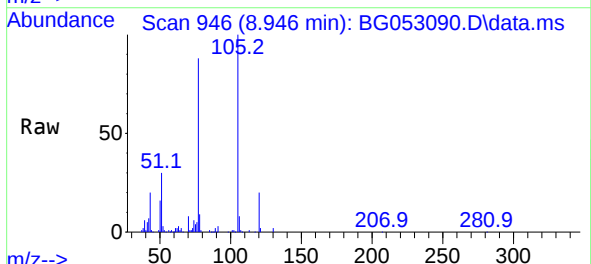
APPROVED

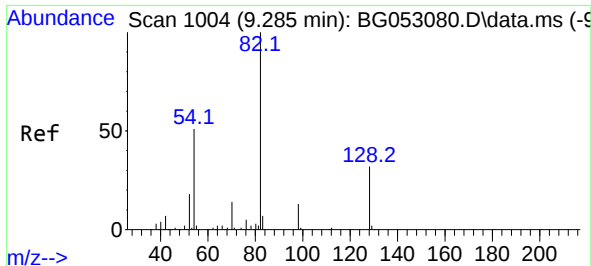
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#22
Acetophenone
Concen: 45.073 ng
RT: 8.946 min Scan# 946
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:	105	Resp:	144208
Ion Ratio	Lower	Upper	
105	100		
71	1.1	2.1	3.1
51	30.3	21.9	32.9
120	20.3	15.3	22.9





#23
Nitrobenzene-d5
Concen: 87.034 ng
RT: 9.281 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

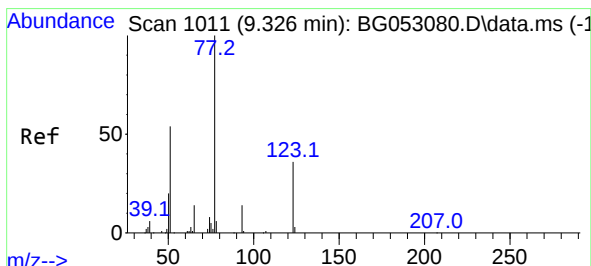
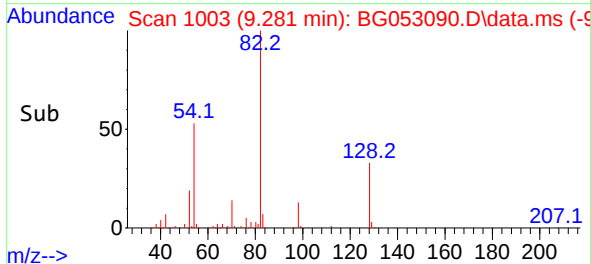
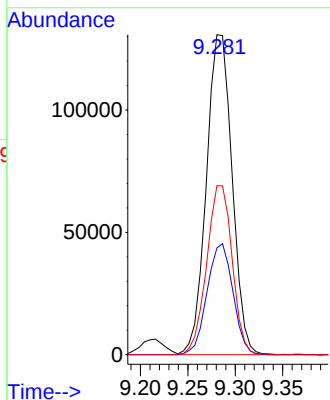
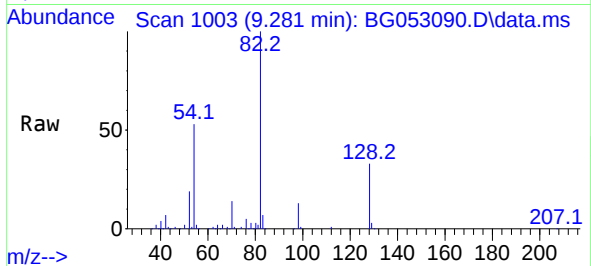
ClientSampleId :

PB143990BS

Tgt Ion: 82 Resp: 24720
Ion Ratio Lower Upper
82 100
128 33.4 31.3 46.9
54 52.8 37.8 56.8

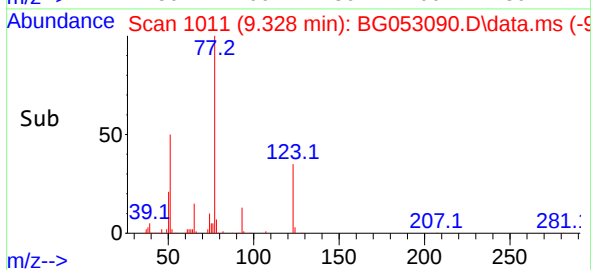
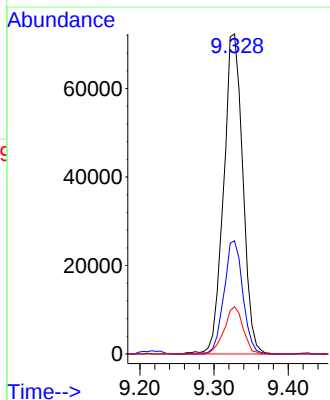
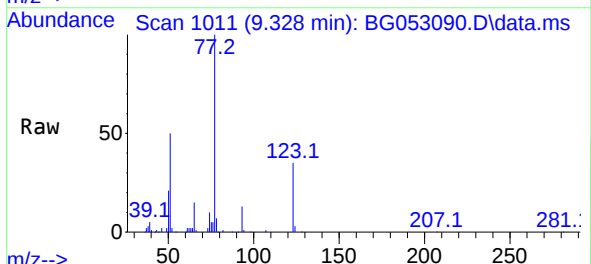
Manual Integrations
APPROVED

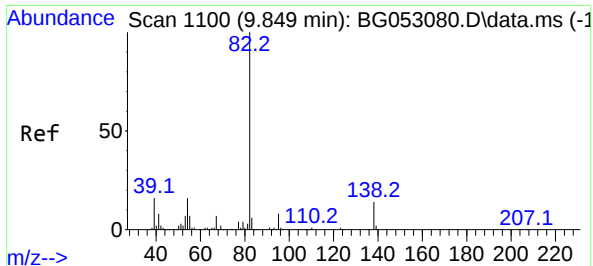
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#24
Nitrobenzene
Concen: 46.979 ng
RT: 9.328 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion: 77 Resp: 129787
Ion Ratio Lower Upper
77 100
123 35.4 34.4 51.6
65 14.7 11.2 16.8





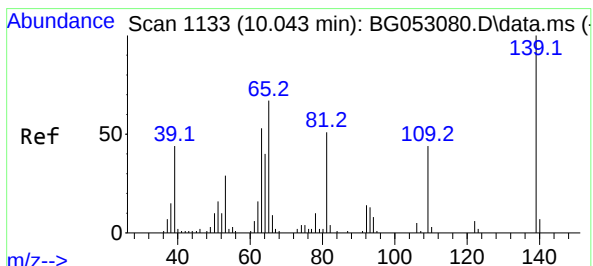
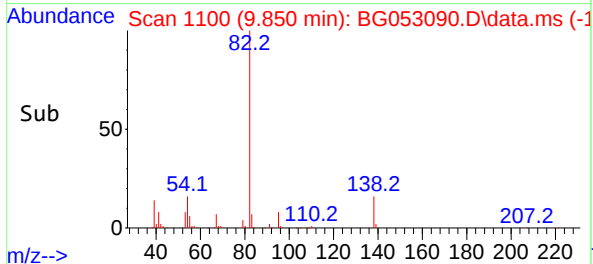
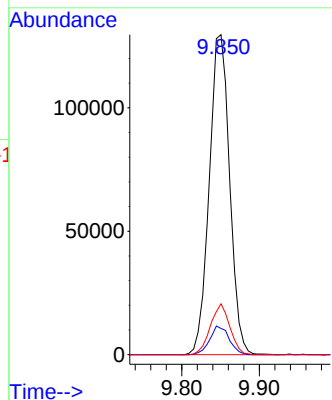
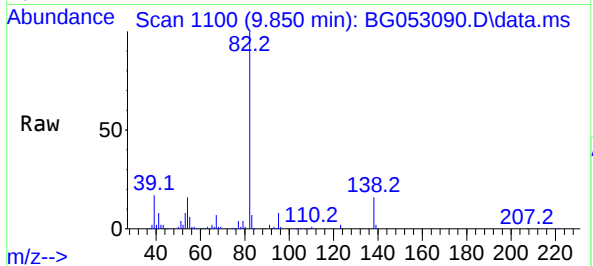
#25
Isophorone
Concen: 48.982 ng
RT: 9.850 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB143990BS

Tgt Ion: 82 Resp: 236469
Ion Ratio Lower Upper
82 100
95 8.2 5.8 8.6
138 15.9 12.6 18.8

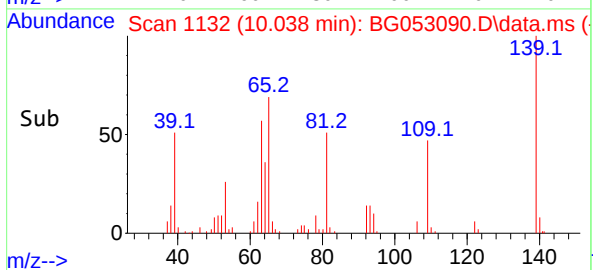
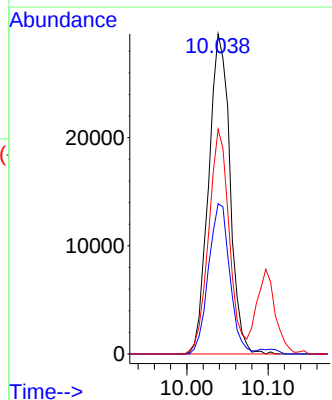
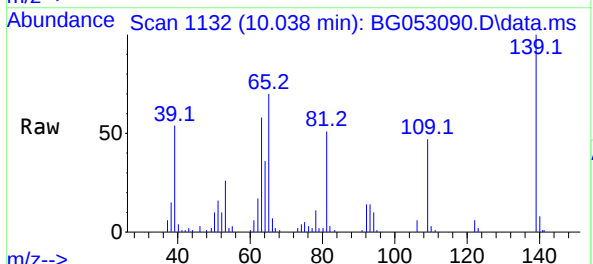
Manual Integrations
APPROVED

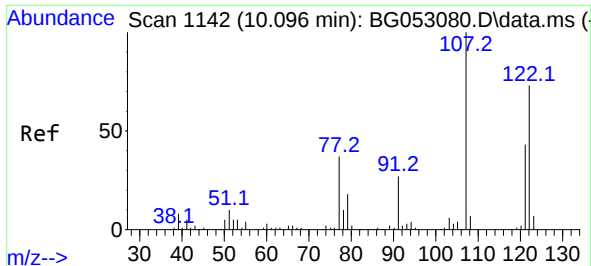
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#26
2-Nitrophenol
Concen: 46.758 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:139 Resp: 54016
Ion Ratio Lower Upper
139 100
109 46.9 29.4 44.0#
65 70.2 48.2 72.2





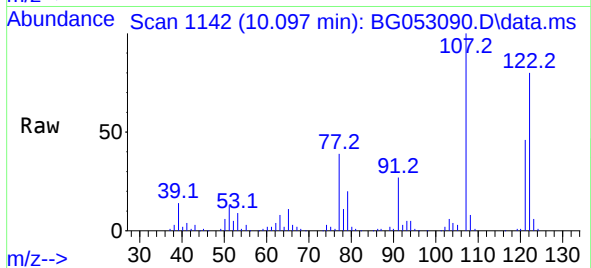
#27
2,4-Dimethylphenol
Concen: 57.670 ng
RT: 10.097 min Scan# 1142
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

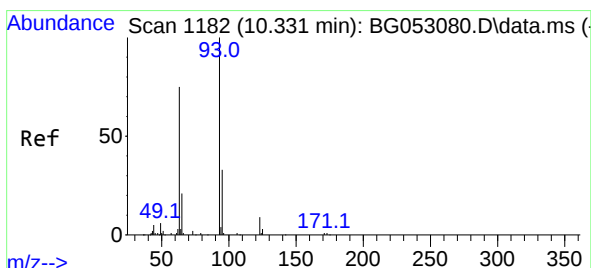
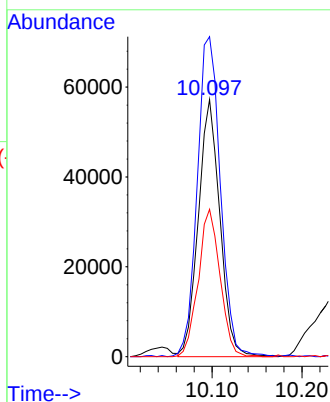
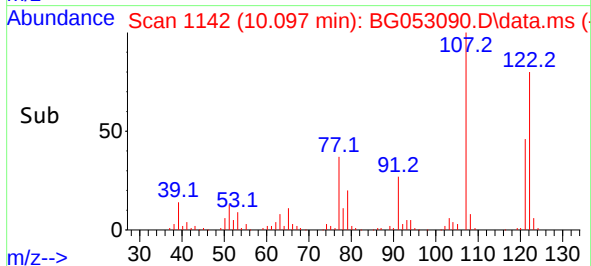


Tgt Ion:122 Resp: 95415
Ion Ratio Lower Upper
122 100
107 124.5 96.7 145.1
121 57.3 46.3 69.5

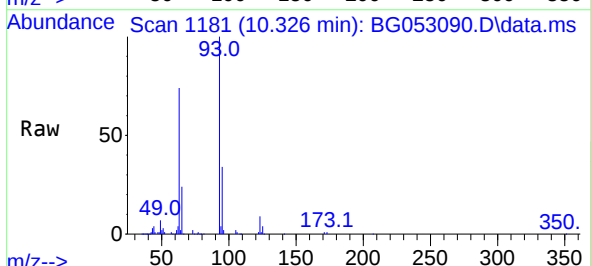
Manual Integrations

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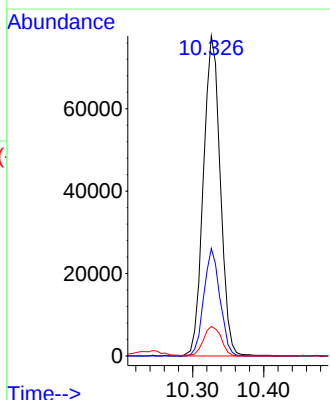
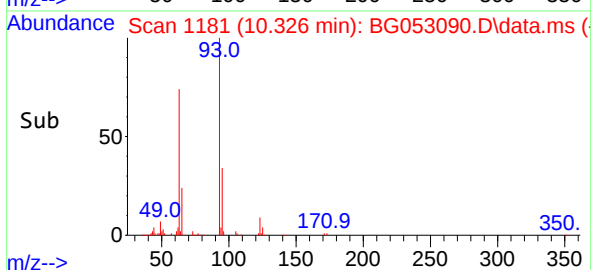
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

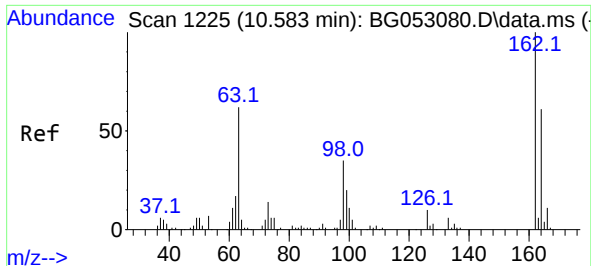


#28
bis(2-Chloroethoxy)methane
Concen: 47.490 ng
RT: 10.326 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion: 93 Resp: 128800
Ion Ratio Lower Upper
93 100
95 33.6 26.5 39.7
123 9.2 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 50.161 ng

RT: 10.579 min Scan# 1224

Delta R.T. -0.004 min

Lab File: BG053090.D

Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

Tgt Ion:162 Resp: 10433

Ion Ratio Lower Upper

162 100

164 64.9 44.0 84.0

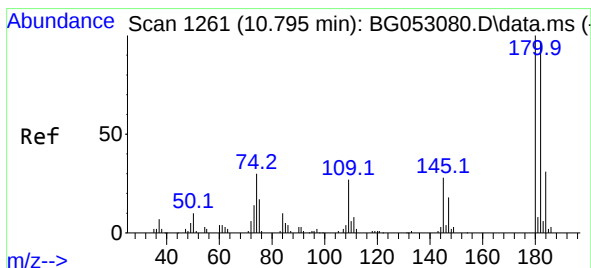
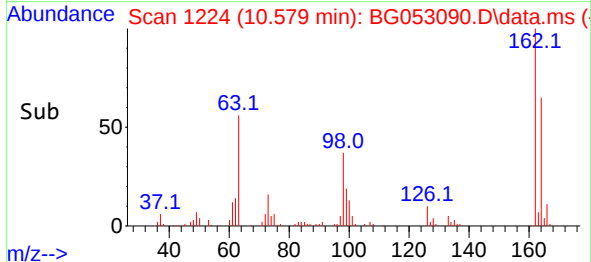
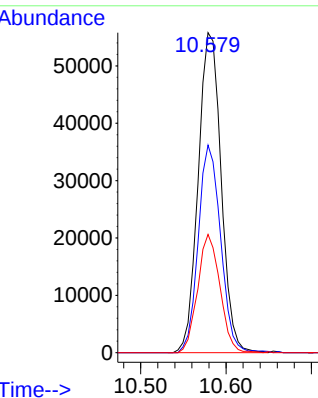
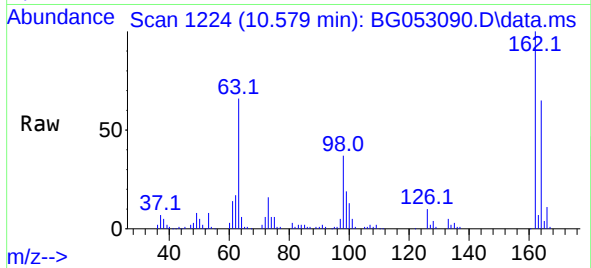
98 37.0 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.458 ng

RT: 10.796 min Scan# 1261

Delta R.T. 0.001 min

Lab File: BG053090.D

Acq: 8 Apr 2022 18:59

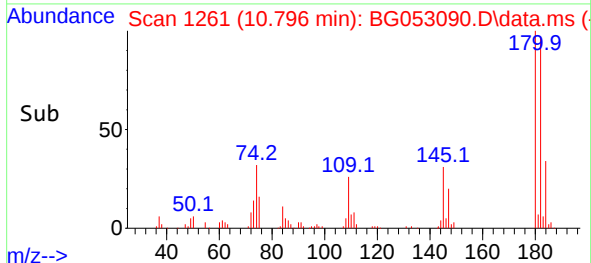
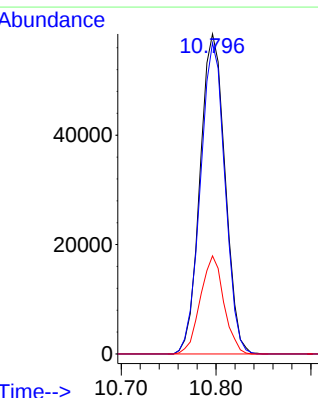
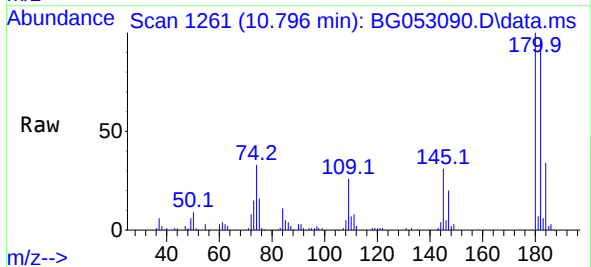
Tgt Ion:180 Resp: 107010

Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

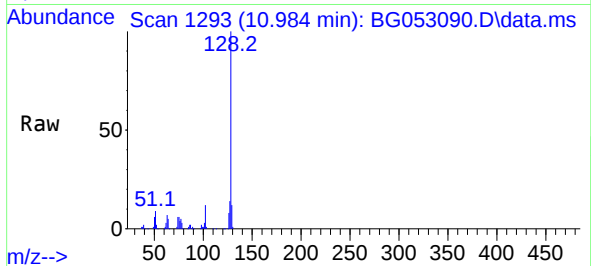
145 30.6 24.4 36.6





#31
Naphthalene
Concen: 46.524 ng
RT: 10.984 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

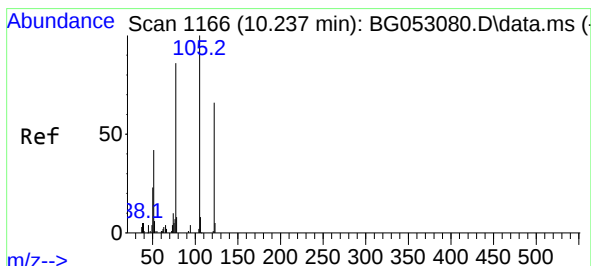
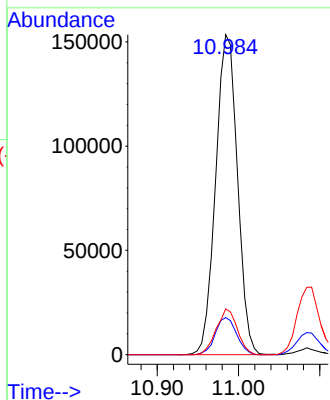
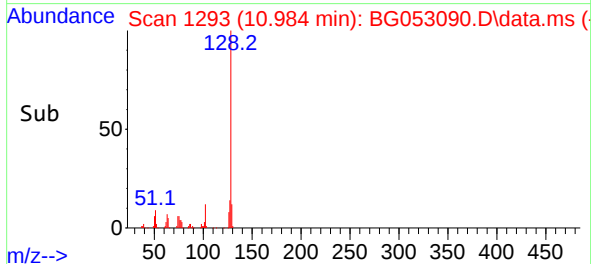
Instrument :
BNA_G
ClientSampleId :
PB143990BS



Tgt Ion:128 Resp: 28625
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.3 10.5 15.7

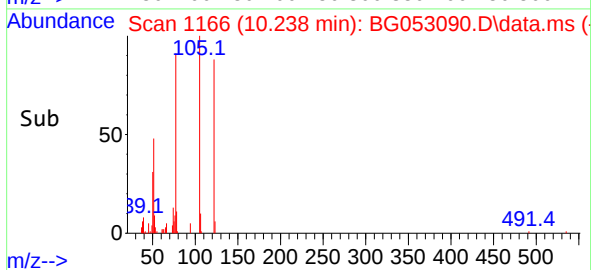
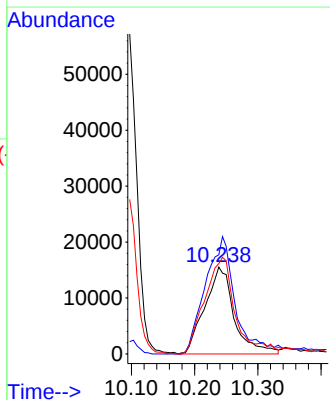
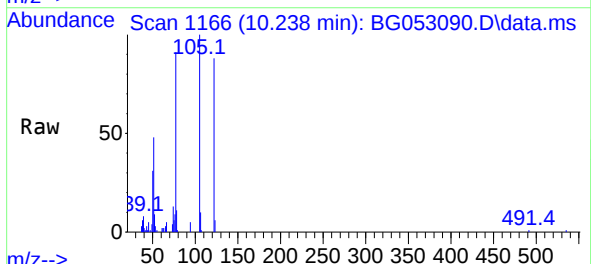
Manual Integrations
APPROVED

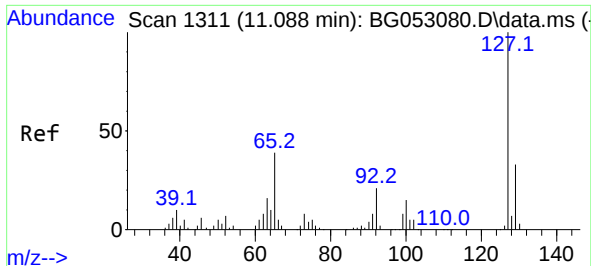
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#32
Benzoic acid
Concen: 46.780 ng
RT: 10.238 min Scan# 1166
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:122 Resp: 50264
Ion Ratio Lower Upper
122 100
105 114.2 112.8 152.8
77 104.1 78.4 118.4





#33
4-Chloroaniline
Concen: 24.086 ng
RT: 11.090 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

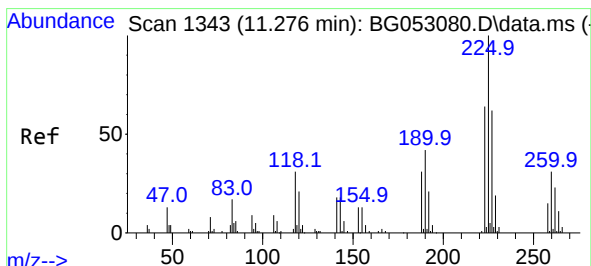
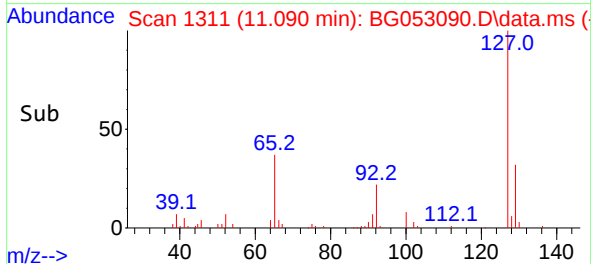
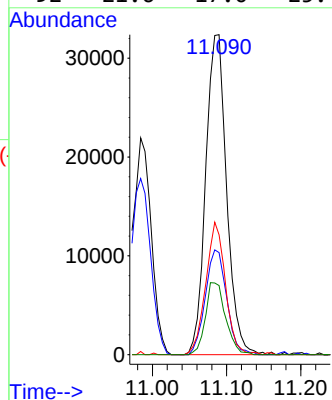
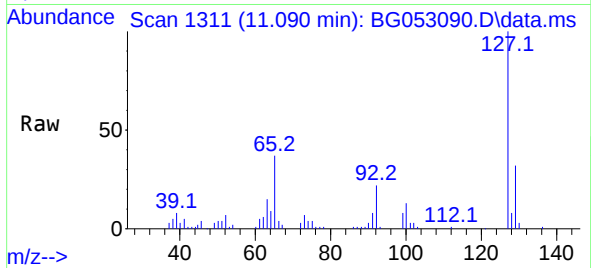
PB143990BS

Tgt Ion:127 Resp: 63464
Ion Ratio Lower Upper
127 100
129 31.9 27.6 41.4
65 37.4 28.2 42.4
92 21.6 17.0 25.4

Manual Integrations

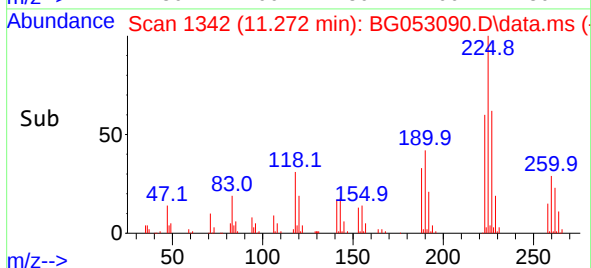
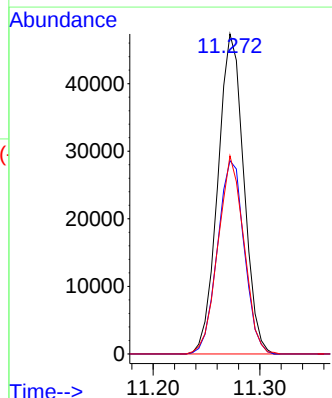
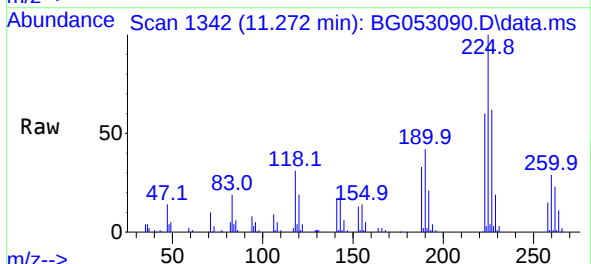
APPROVED

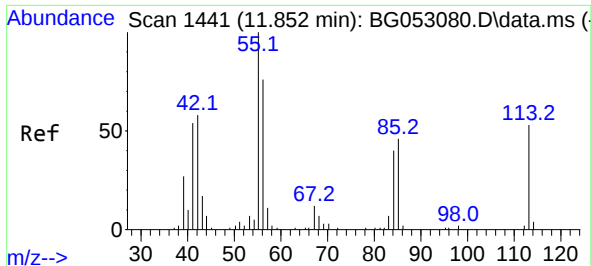
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#34
Hexachlorobutadiene
Concen: 45.670 ng
RT: 11.272 min Scan# 1342
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:225 Resp: 79862
Ion Ratio Lower Upper
225 100
223 60.4 50.2 75.2
227 61.9 52.0 78.0





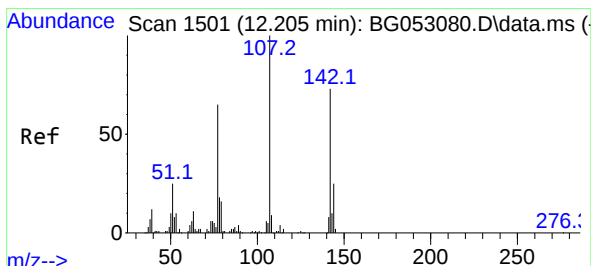
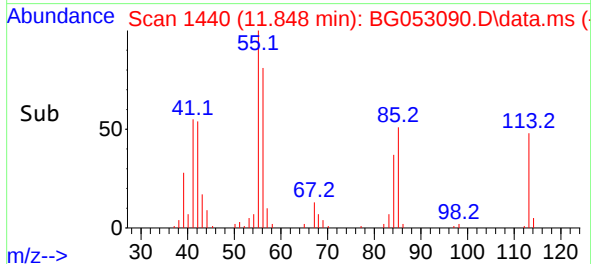
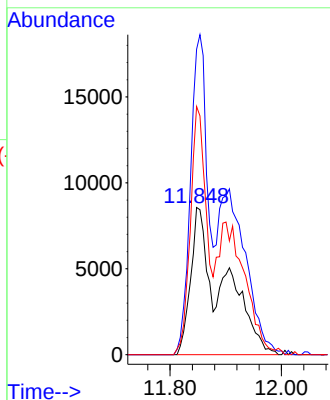
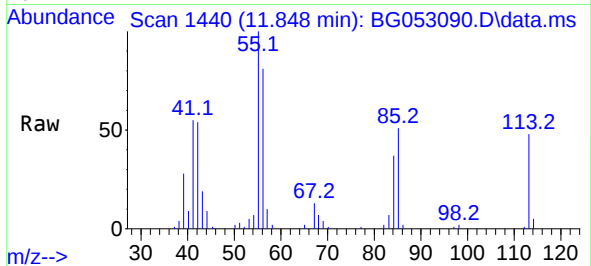
#35
Caprolactam
Concen: 46.834 ng m
RT: 11.848 min Scan# 1441
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB143990BS

Tgt Ion:113 Resp: 34330
Ion Ratio Lower Upper
113 100
55 207.4 151.3 191.3
56 168.5 128.5 168.5

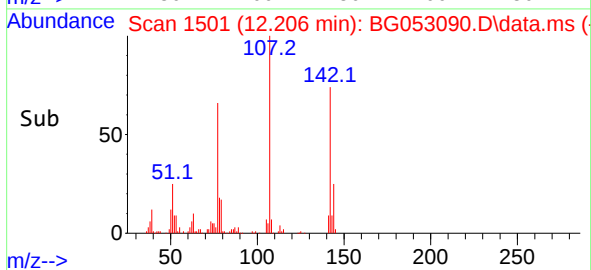
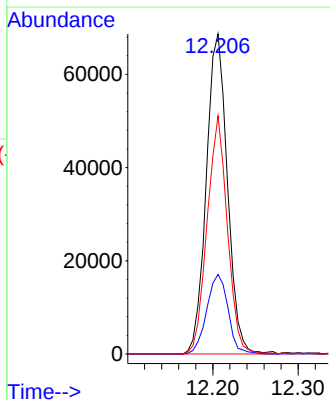
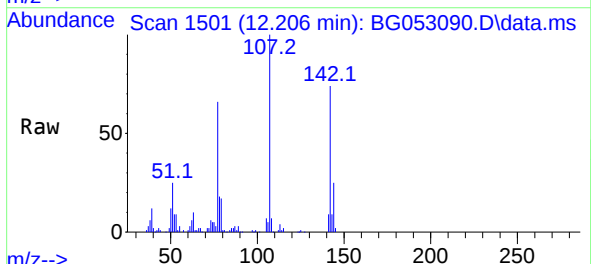
Manual Integrations
APPROVED

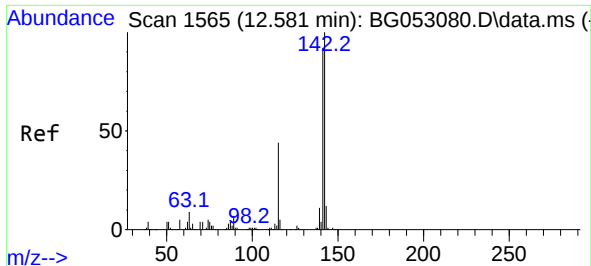
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#36
4-Chloro-3-methylphenol
Concen: 48.817 ng
RT: 12.206 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

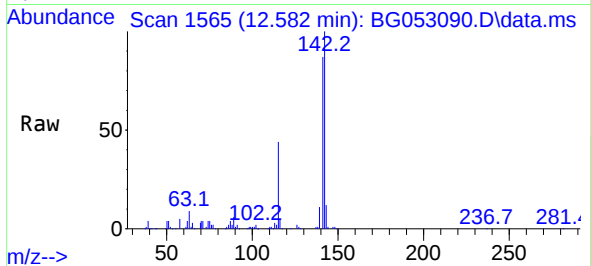
Tgt Ion:107 Resp: 118208
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 74.4 61.7 92.5





#37
2-Methylnaphthalene
Concen: 46.601 ng
RT: 12.582 min Scan# 1565
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

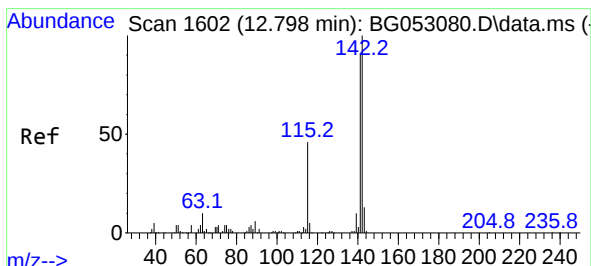
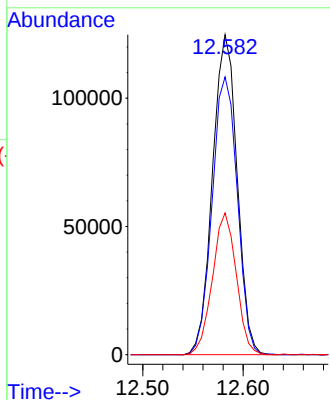
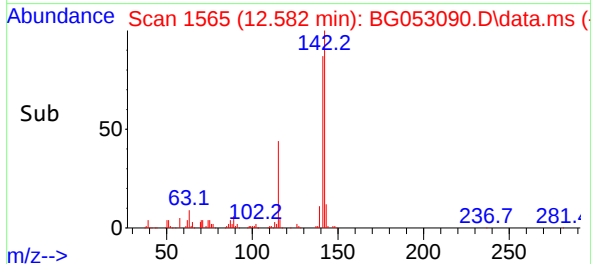
Instrument :
BNA_G
ClientSampleId :
PB143990BS



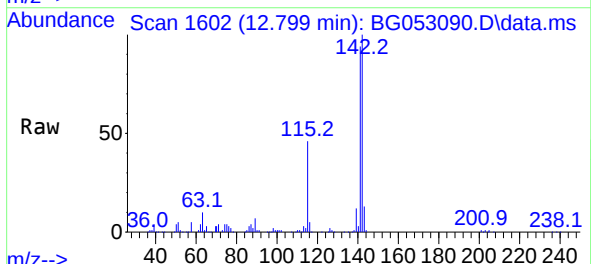
Tgt Ion:142 Resp: 212164
Ion Ratio Lower Upper
142 100
141 86.8 71.3 106.9
115 44.3 29.5 44.3

Manual Integrations
APPROVED

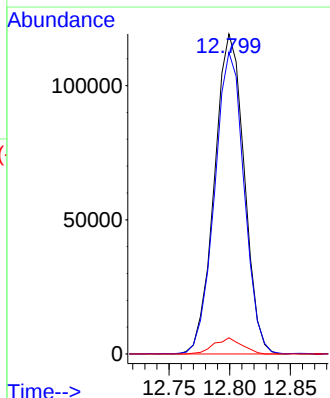
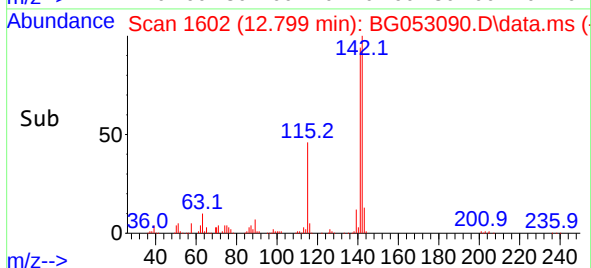
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

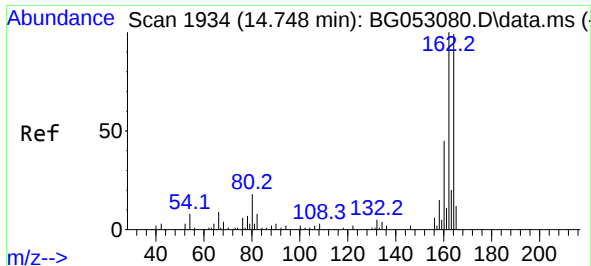


#38
1-Methylnaphthalene
Concen: 45.743 ng m
RT: 12.799 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:142 Resp: 203282
Ion Ratio Lower Upper
142 100
141 94.3 70.5 105.7
116 5.1 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

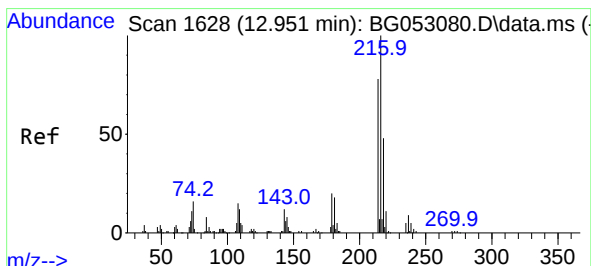
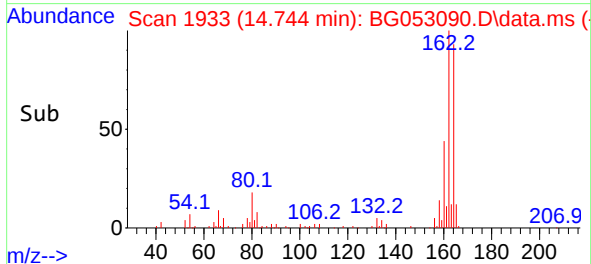
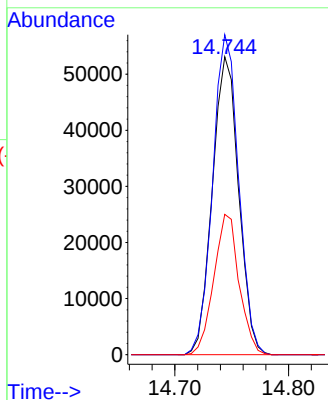
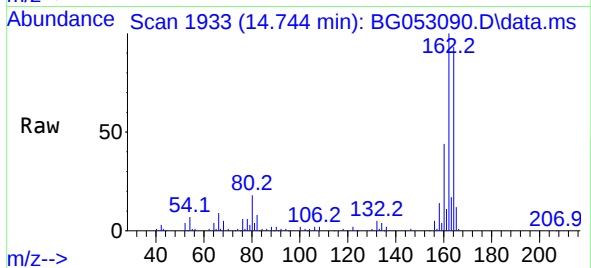
PB143990BS

Tgt Ion:164 Resp: 85424
Ion Ratio Lower Upper
164 100
162 107.4 80.0 120.0
160 47.1 38.8 58.2

Manual Integrations

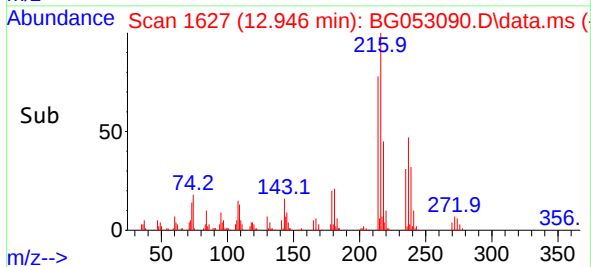
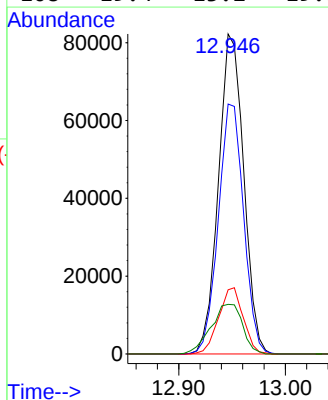
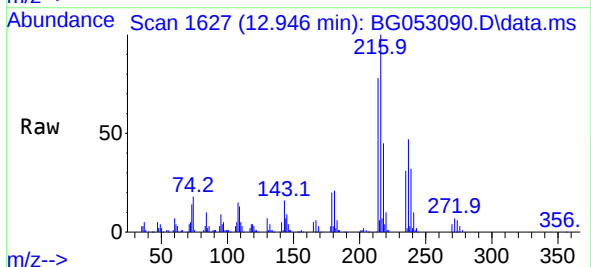
APPROVED

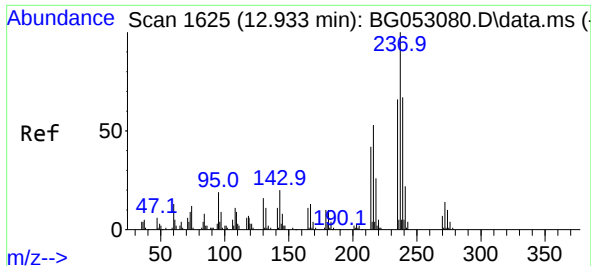
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.561 ng
RT: 12.946 min Scan# 1627
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

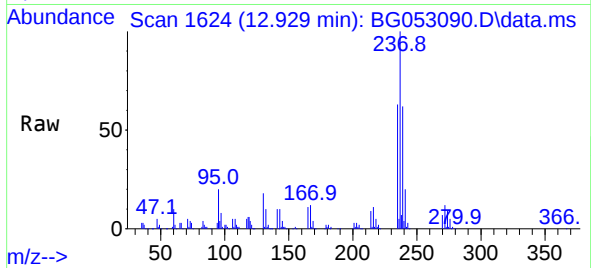
Tgt Ion:216 Resp: 135089
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.6
179 20.2 15.7 23.5
108 19.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 124.190 ng
RT: 12.929 min Scan# 1624
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

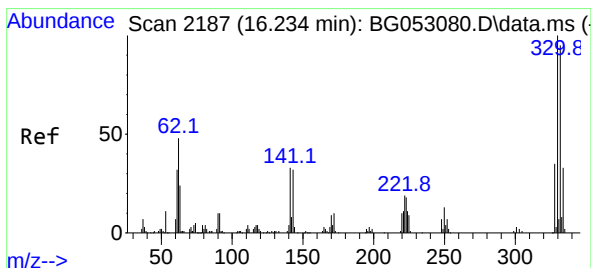
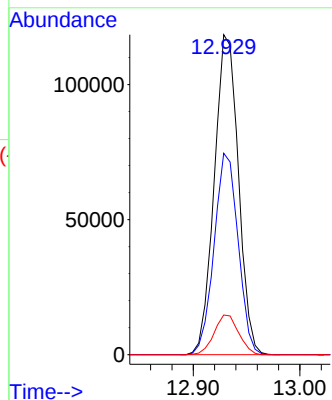
Instrument :
BNA_G
ClientSampleId :
PB143990BS



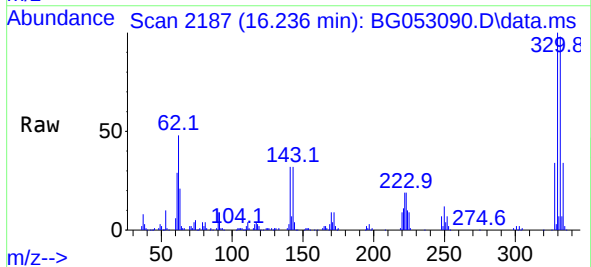
Tgt Ion:237 Resp: 18600
Ion Ratio Lower Upper
237 100
235 63.0 37.7 77.7
272 12.4 0.0 30.7

Manual Integrations
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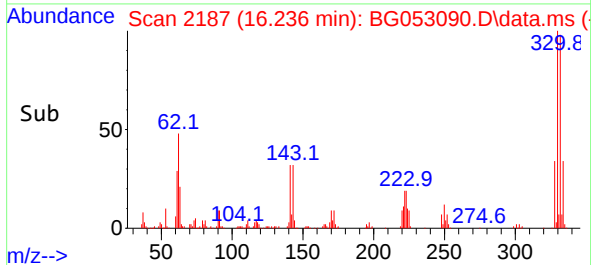
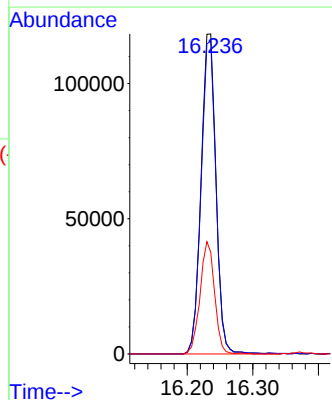
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

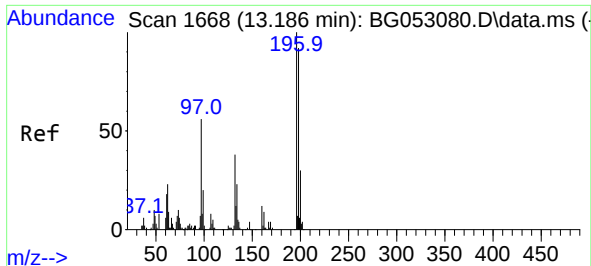


#42
2,4,6-Tribromophenol
Concen: 137.674 ng
RT: 16.236 min Scan# 2187
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:330 Resp: 187108
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 34.2 24.6 36.8





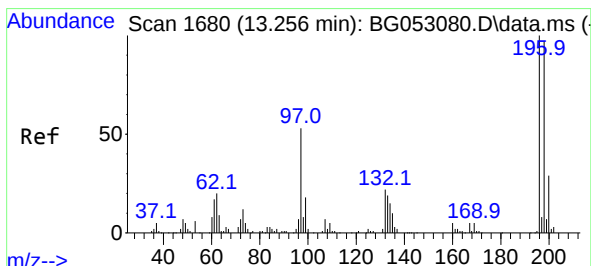
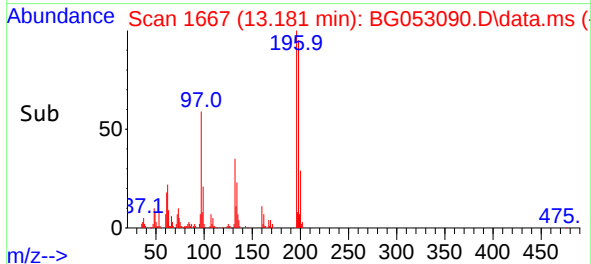
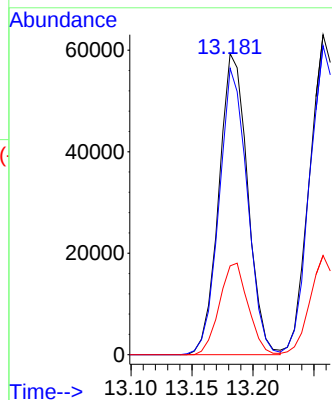
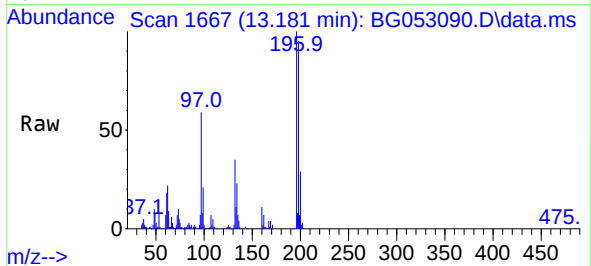
#43
2,4,6-Trichlorophenol
Concen: 48.741 ng
RT: 13.181 min Scan# 1668
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB143990BS

Tgt Ion:196 Resp: 97499
Ion Ratio Lower Upper
196 100
198 95.1 78.8 118.2
200 29.5 25.1 37.7

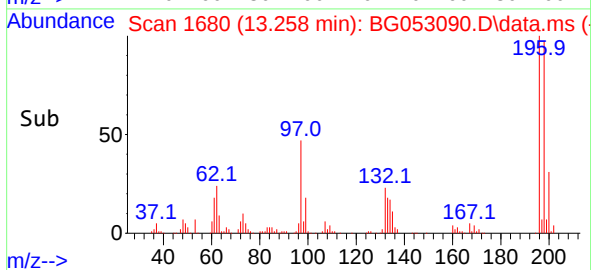
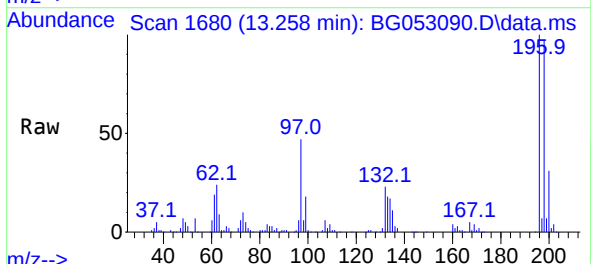
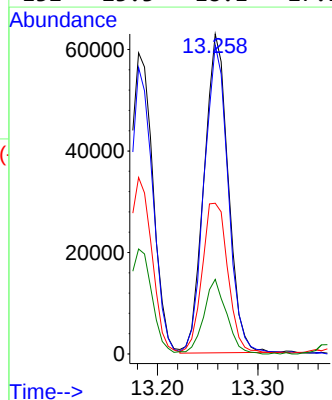
Manual Integrations
APPROVED

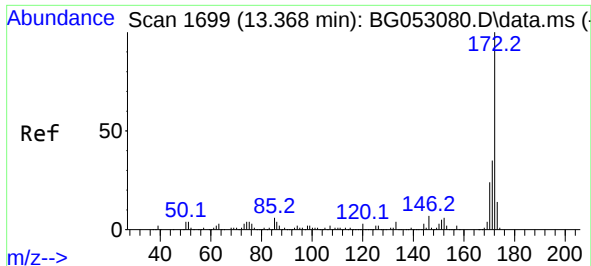
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#44
2,4,5-Trichlorophenol
Concen: 49.266 ng
RT: 13.258 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:196 Resp: 105015
Ion Ratio Lower Upper
196 100
198 96.5 75.8 113.6
97 47.1 36.5 54.7
132 23.3 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 88.926 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

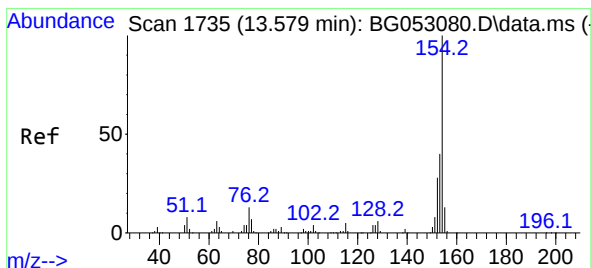
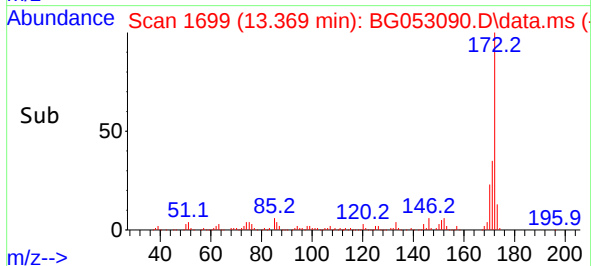
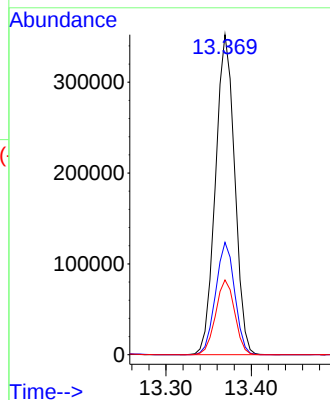
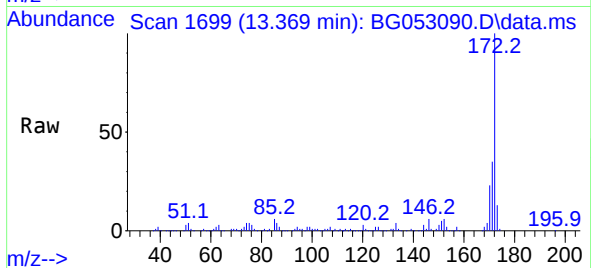
PB143990BS

Tgt Ion:172 Resp: 55090
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 18.0 27.0

Manual Integrations

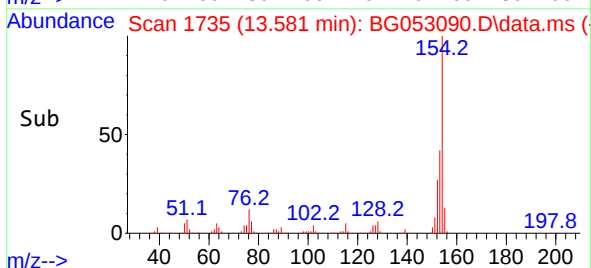
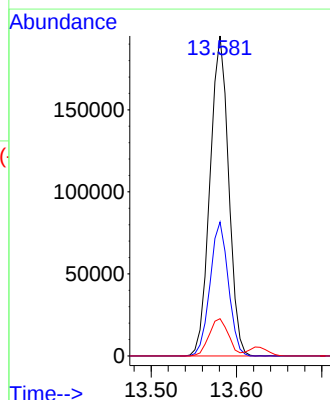
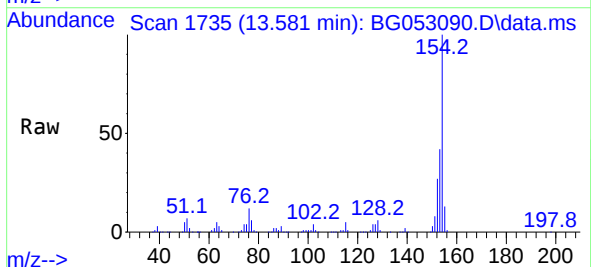
APPROVED

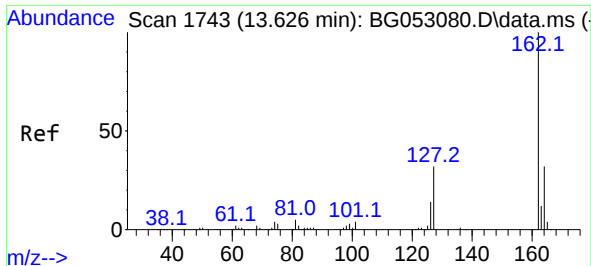
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#46
1,1'-Biphenyl
Concen: 47.872 ng
RT: 13.581 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:154 Resp: 294496
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 11.6 0.0 31.5





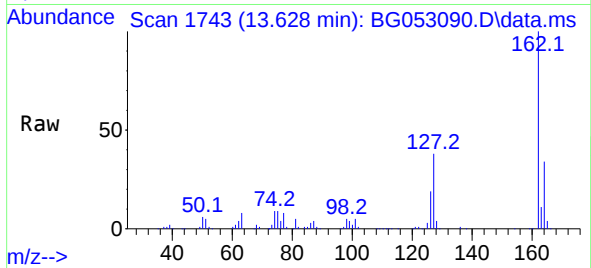
#47
2-Chloronaphthalene
Concen: 47.422 ng
RT: 13.628 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

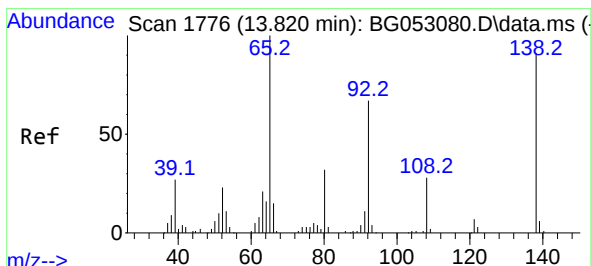
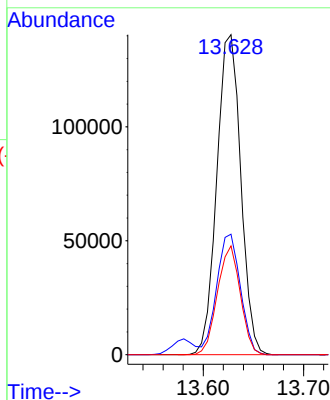
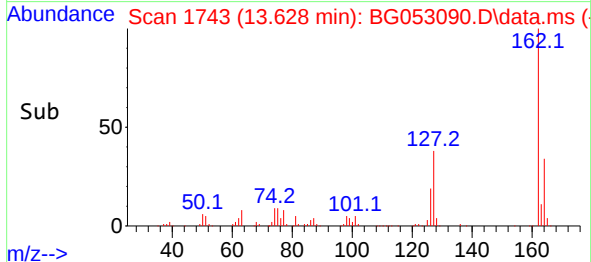


Tgt Ion:162 Resp: 232745
Ion Ratio Lower Upper
162 100
127 37.7 28.1 42.1
164 34.0 26.0 39.0

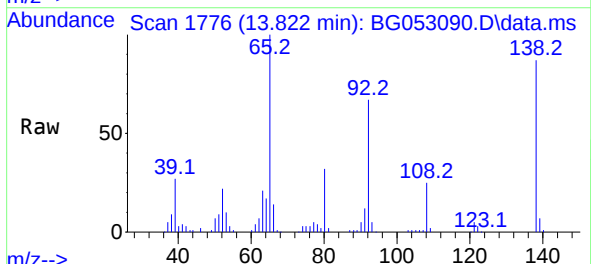
Manual Integrations

APPROVED

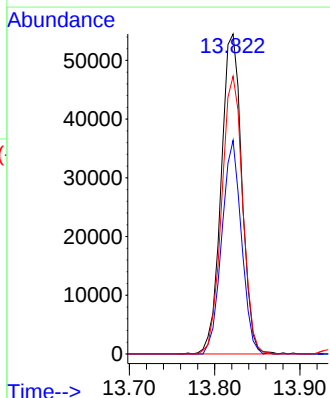
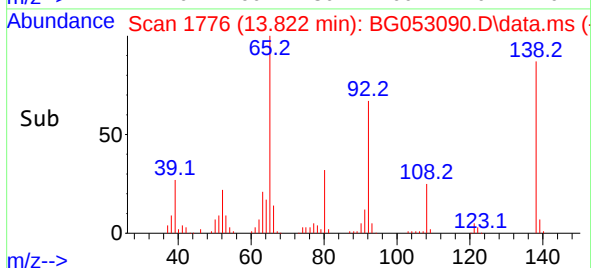
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

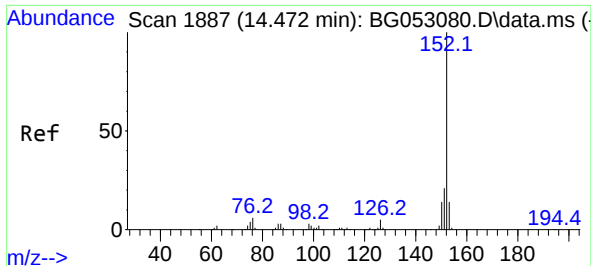


#48
2-Nitroaniline
Concen: 49.172 ng
RT: 13.822 min Scan# 1776
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion: 65 Resp: 91585
Ion Ratio Lower Upper
65 100
92 66.8 52.1 78.1
138 86.8 80.1 120.1





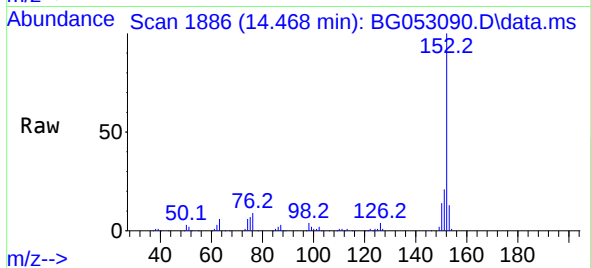
#49
Acenaphthylene
Concen: 50.929 ng
RT: 14.468 min Scan# 1886
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

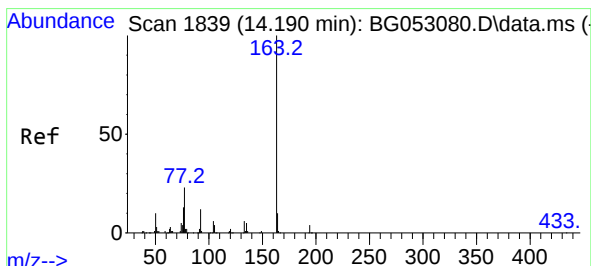
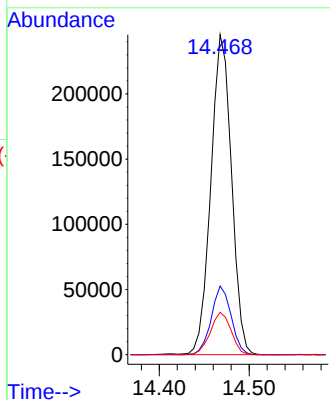
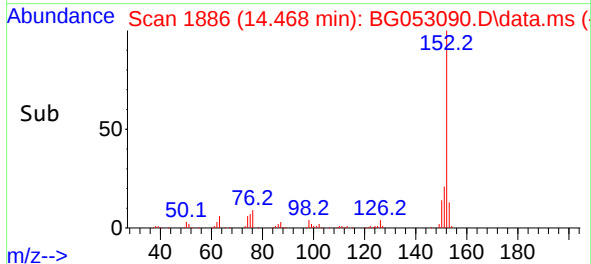


Tgt Ion:152 Resp: 391280
Ion Ratio Lower Upper
152 100
151 21.5 15.8 23.6
153 13.3 10.6 15.8

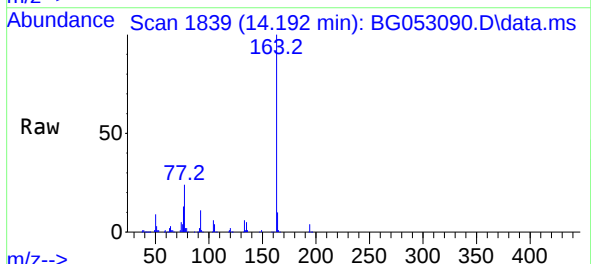
Manual Integrations

APPROVED

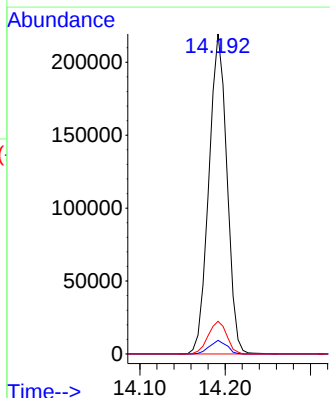
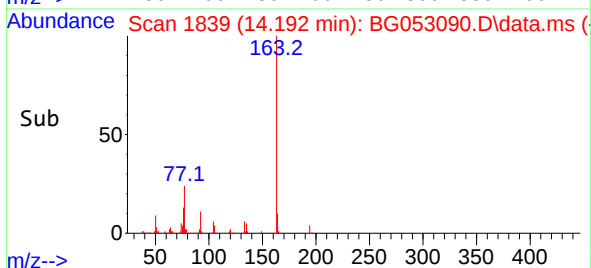
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

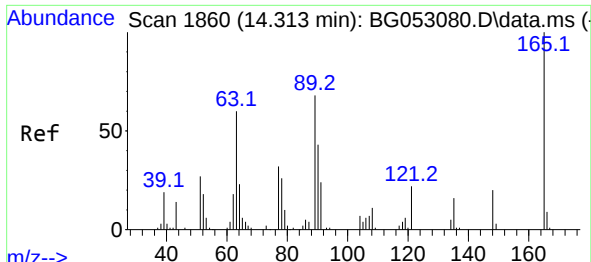


#50
Dimethylphthalate
Concen: 47.334 ng
RT: 14.192 min Scan# 1839
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:163 Resp: 323410
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 50.157 ng
RT: 14.309 min Scan# 1859
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

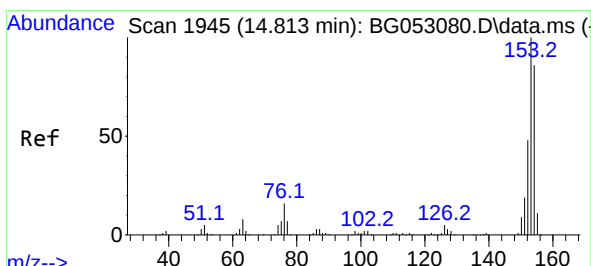
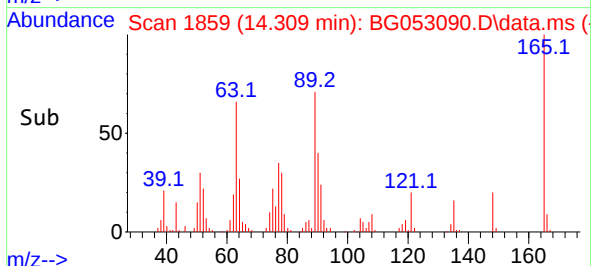
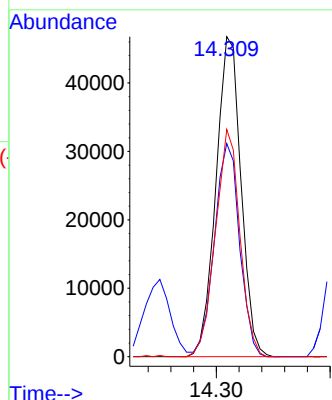
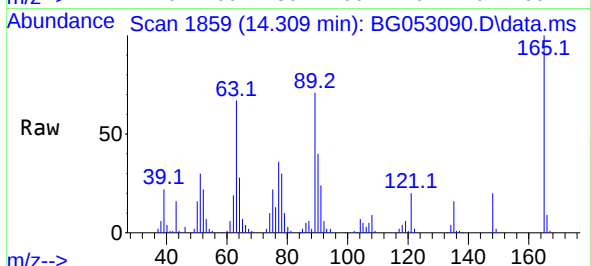
PB143990BS

Tgt Ion:165 Resp: 71494
Ion Ratio Lower Upper
165 100
63 66.6 43.7 65.5
89 71.0 45.0 67.4

Manual Integrations

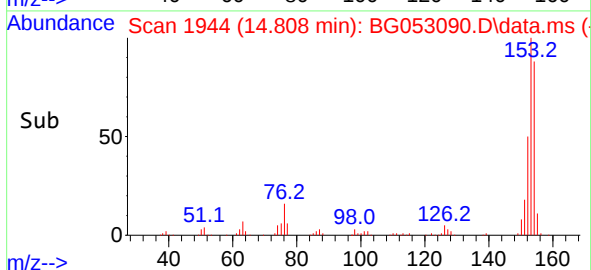
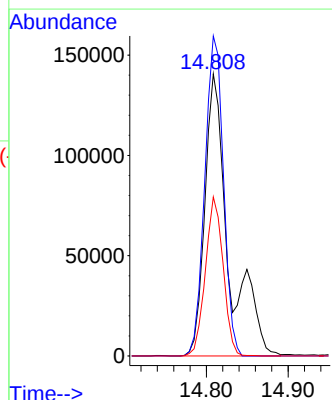
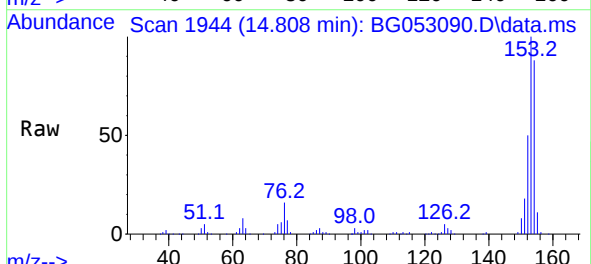
APPROVED

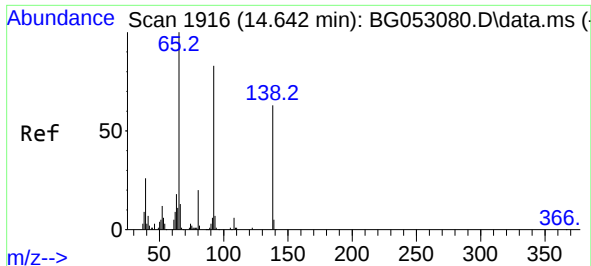
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#52
Acenaphthene
Concen: 54.976 ng m
RT: 14.808 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

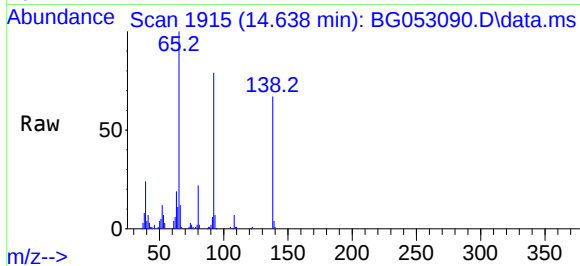
Tgt Ion:154 Resp: 286431
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.4
152 56.4 40.5 60.7





#53
3-Nitroaniline
Concen: 33.162 ng
RT: 14.638 min Scan# 1916
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

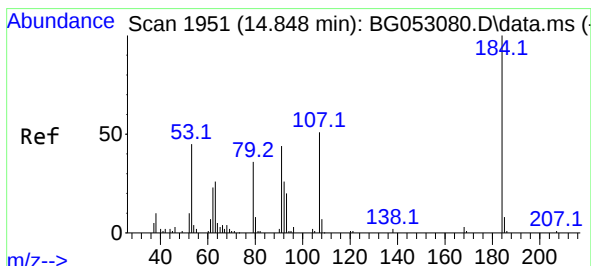
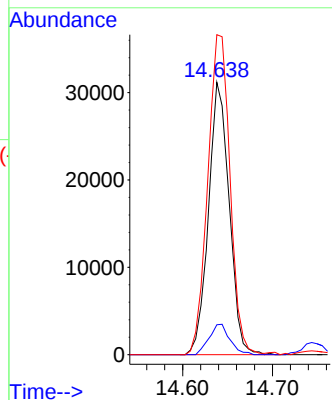
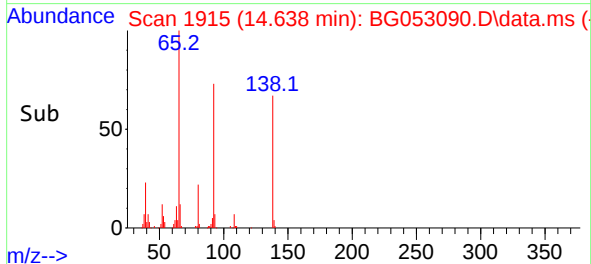
Instrument :
BNA_G
ClientSampleId :
PB143990BS



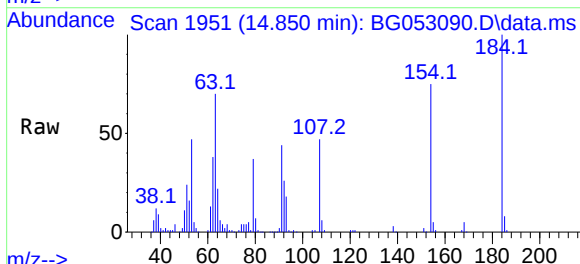
Tgt Ion:138 Resp: 4998
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 117.5 96.2 144.2

Manual Integrations
APPROVED

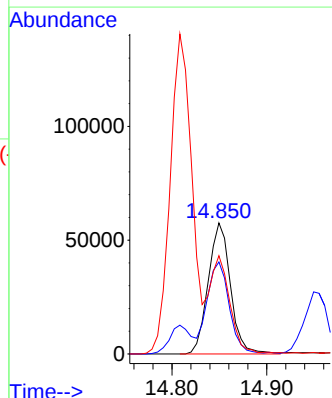
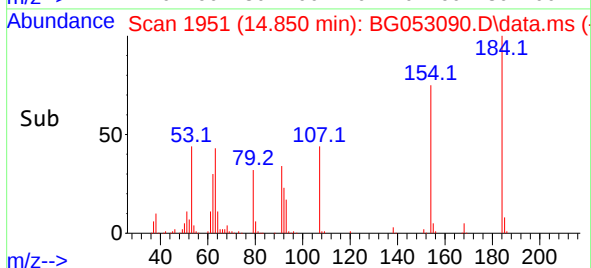
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#54
2,4-Dinitrophenol
Concen: 103.309 ng
RT: 14.850 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:184 Resp: 93696
Ion Ratio Lower Upper
184 100
63 70.2 51.8 77.6
154 74.9 47.8 71.6#





#55
Dibenzenofuran
Concen: 46.360 ng
RT: 15.143 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

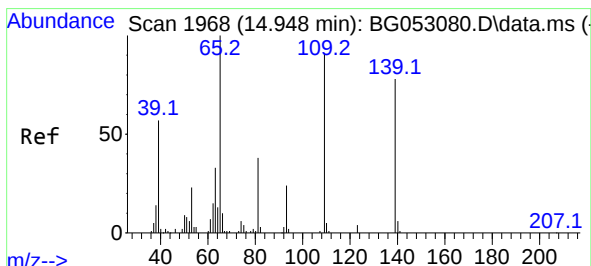
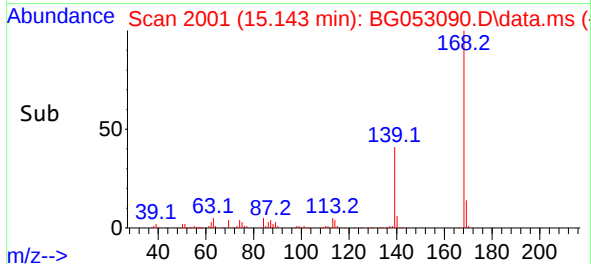
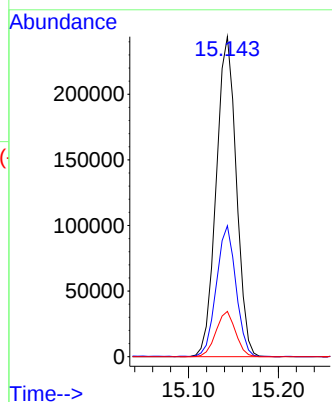
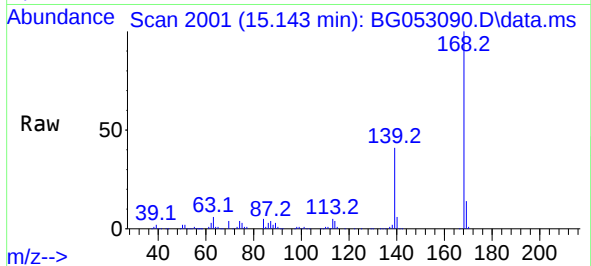
PB143990BS

Tgt Ion:168 Resp: 378210
Ion Ratio Lower Upper
168 100
139 40.9 30.2 45.4
169 14.2 10.7 16.1

Manual Integrations

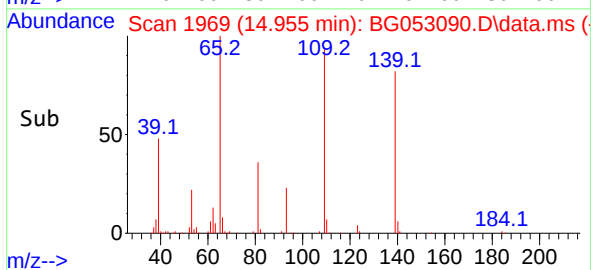
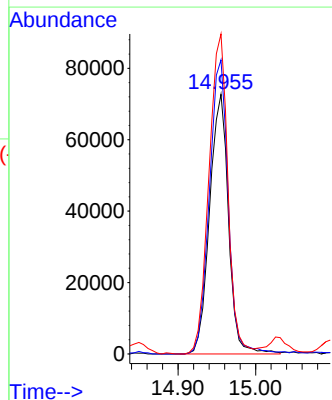
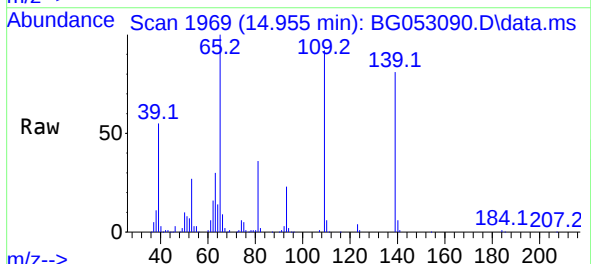
APPROVED

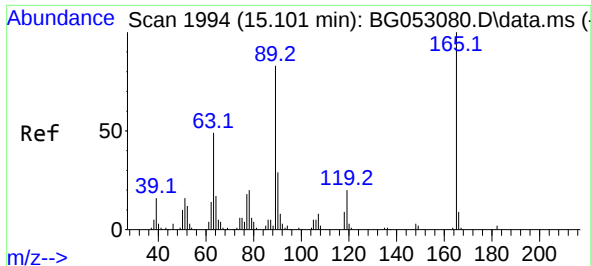
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#56
4-Nitrophenol
Concen: 106.929 ng
RT: 14.955 min Scan# 1969
Delta R.T. 0.007 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:139 Resp: 122916
Ion Ratio Lower Upper
139 100
109 113.2 67.1 107.1#
65 123.2 88.2 128.2





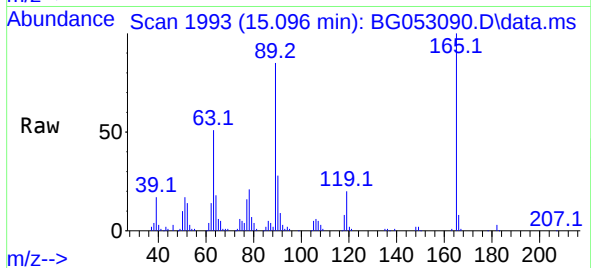
#57
2,4-Dinitrotoluene
Concen: 51.392 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

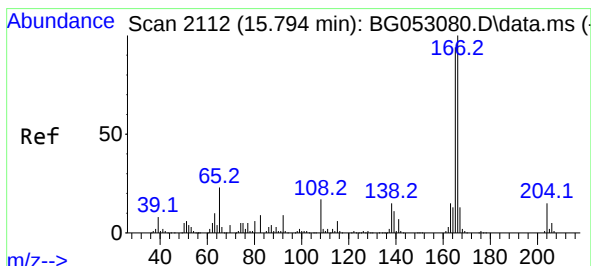
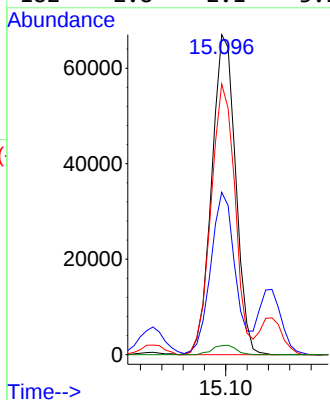
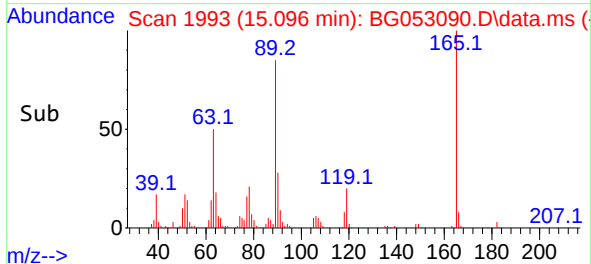


Tgt Ion:165 Resp: 104290
Ion Ratio Lower Upper
165 100
63 50.7 34.8 52.2
89 84.6 57.4 86.0
182 2.8 2.1 3.1

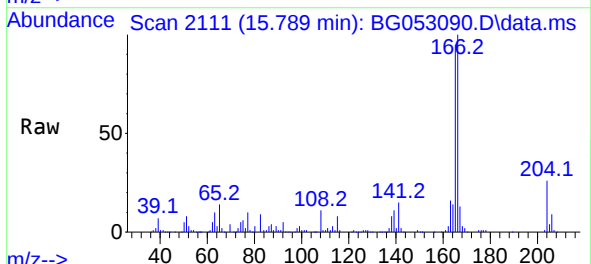
Manual Integrations

APPROVED

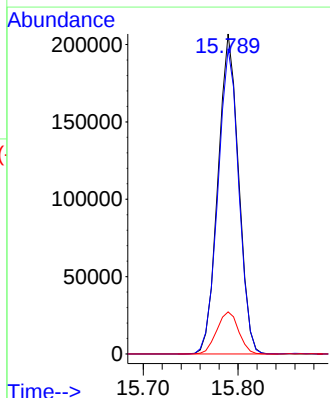
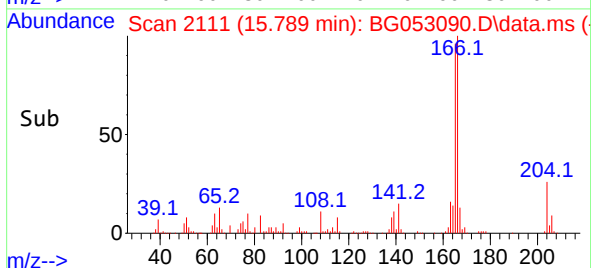
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

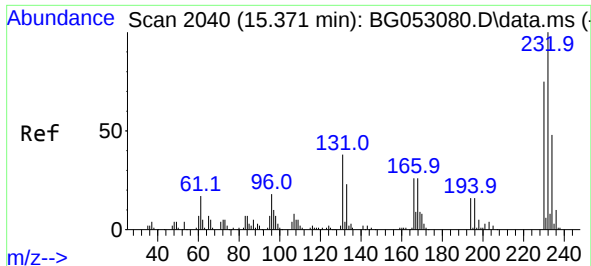


#58
Fluorene
Concen: 47.404 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:166 Resp: 312350
Ion Ratio Lower Upper
166 100
165 95.3 78.6 117.8
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.290 ng
RT: 15.366 min Scan# 2040
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

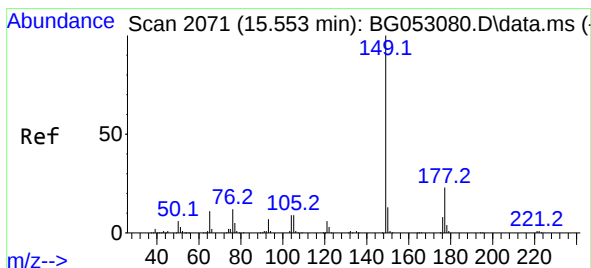
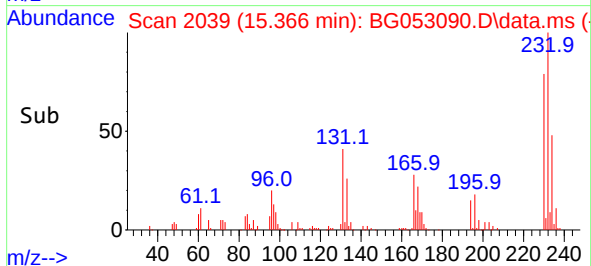
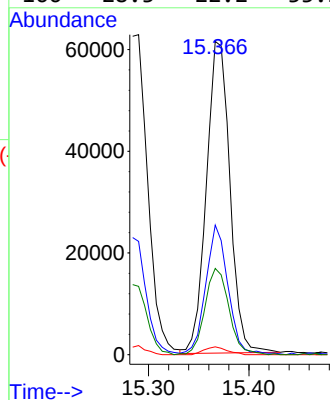
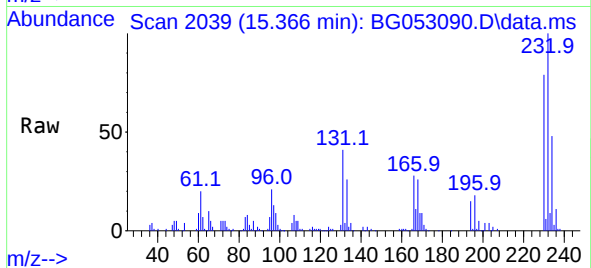
PB143990BS

Tgt Ion:232 Resp: 9996
Ion Ratio Lower Upper
232 100
131 39.5 30.1 45.1
130 2.5 1.8 2.8
166 28.3 22.2 33.2

Manual Integrations

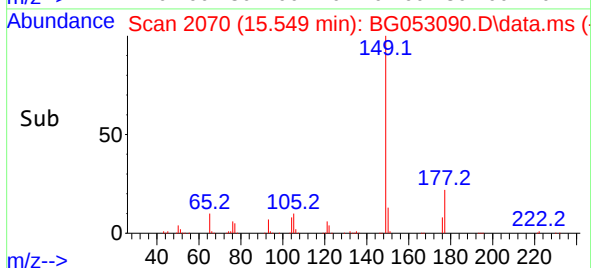
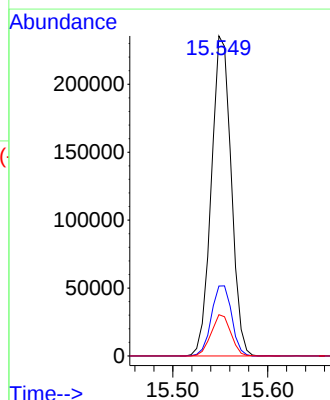
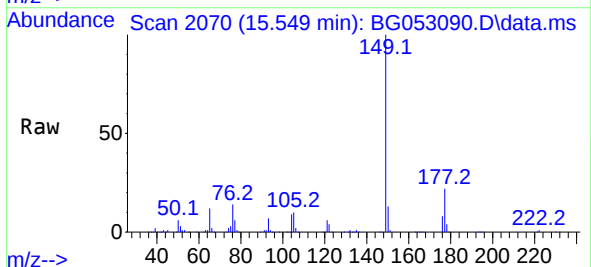
APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#60
Diethylphthalate
Concen: 47.694 ng
RT: 15.549 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:149 Resp: 341428
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.957 ng
RT: 15.778 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

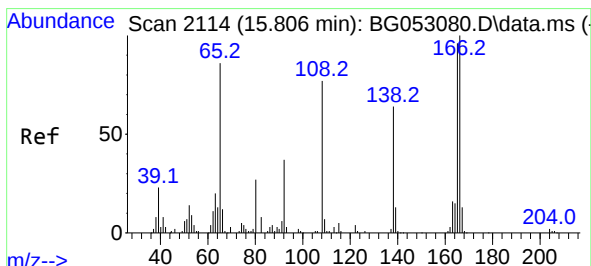
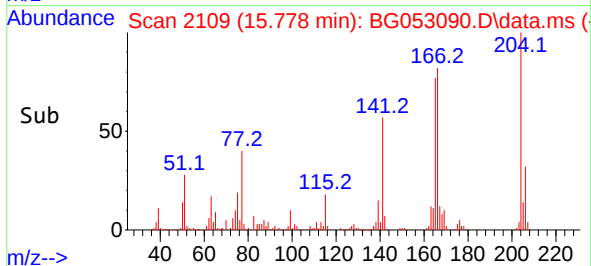
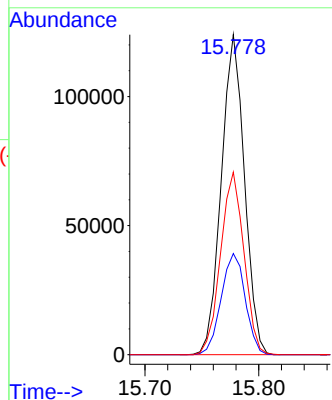
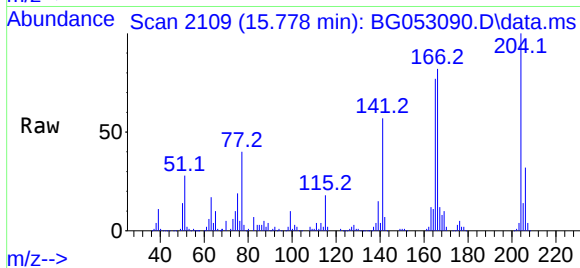
PB143990BS

Tgt Ion:204 Resp: 175390
Ion Ratio Lower Upper
204 100
206 31.6 28.3 42.5
141 57.0 45.8 68.8

Manual Integrations

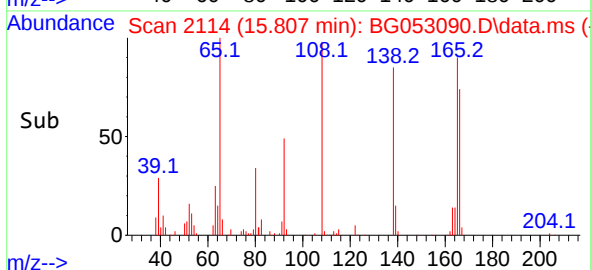
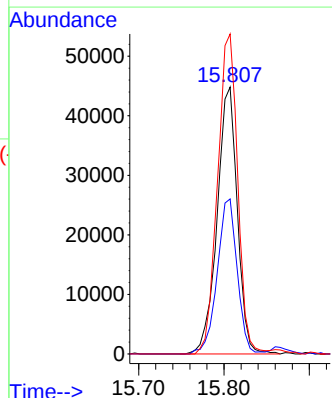
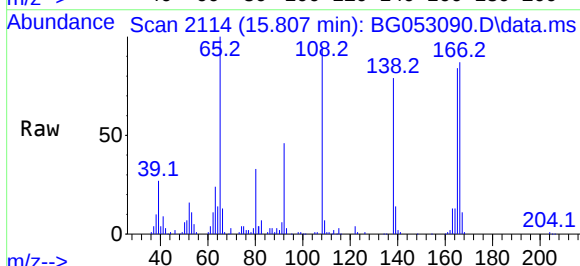
APPROVED

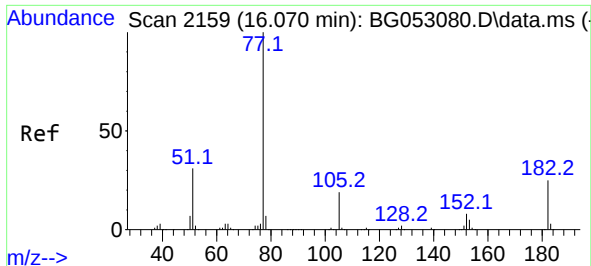
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#62
4-Nitroaniline
Concen: 46.456 ng
RT: 15.807 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:138 Resp: 73885
Ion Ratio Lower Upper
138 100
92 58.1 33.3 73.3
108 119.9 74.2 114.2#





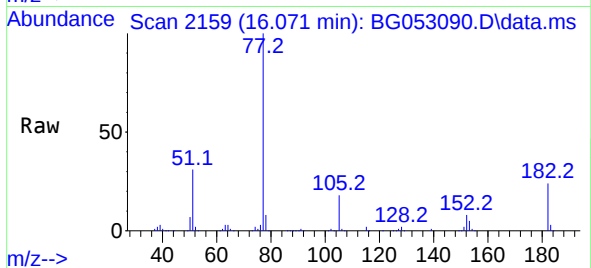
#63
Azobenzene
Concen: 46.772 ng
RT: 16.071 min Scan# 2159
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

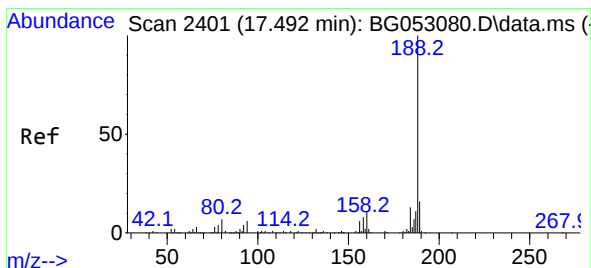
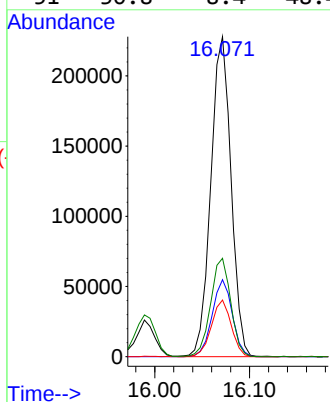
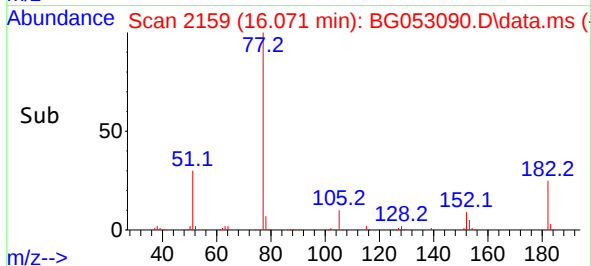


Tgt Ion: 77 Resp: 33758
Ion Ratio Lower Upper
77 100
182 24.1 5.6 45.6
105 17.7 0.0 38.8
51 30.8 8.4 48.4

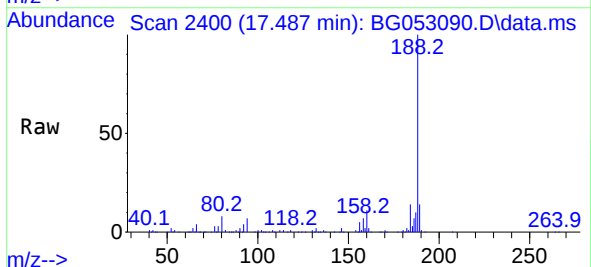
Manual Integrations

APPROVED

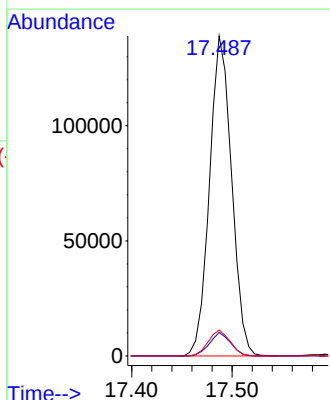
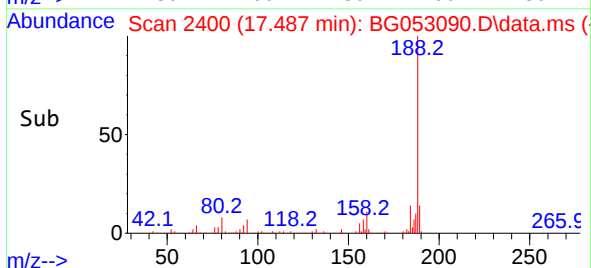
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:188 Resp: 212648
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.1 7.2 10.8





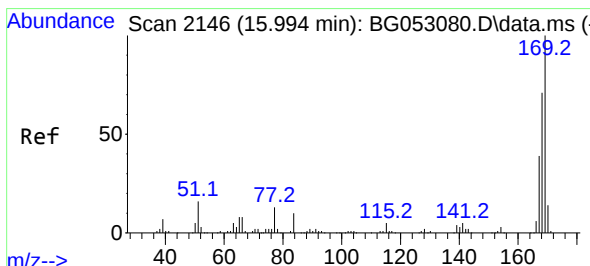
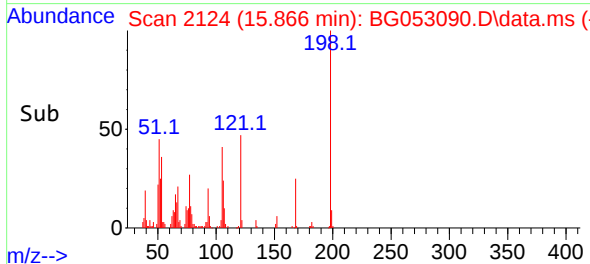
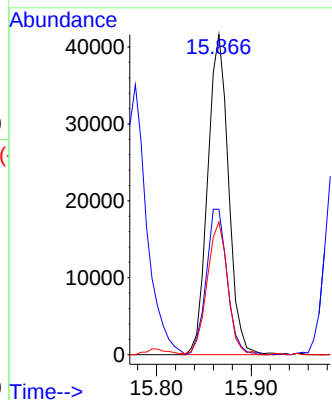
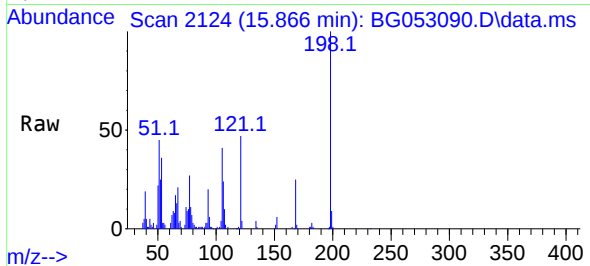
#65
4,6-Dinitro-2-methylphenol
Concen: 42.769 ng
RT: 15.866 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB143990BS

Tgt Ion:198 Resp: 63452
Ion Ratio Lower Upper
198 100
51 45.5 21.7 61.7
105 41.5 20.8 60.8

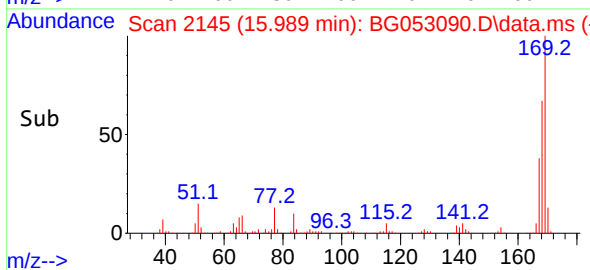
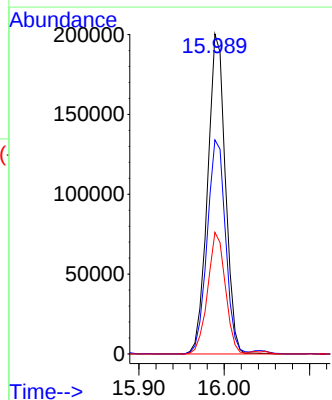
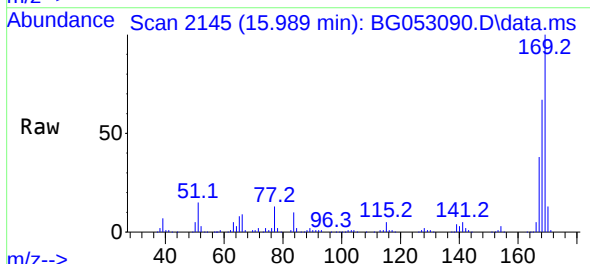
Manual Integrations
APPROVED

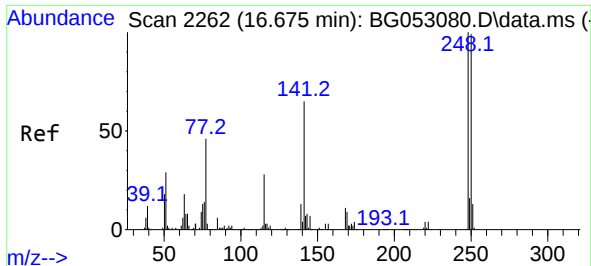
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#66
n-Nitrosodiphenylamine
Concen: 47.312 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:169 Resp: 289316
Ion Ratio Lower Upper
169 100
168 66.9 54.5 81.7
167 38.0 29.6 44.4





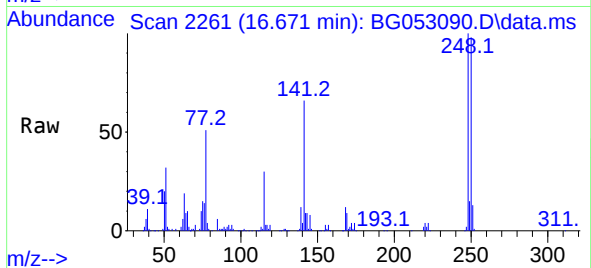
#67
4-Bromophenyl-phenylether
Concen: 46.186 ng
RT: 16.671 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

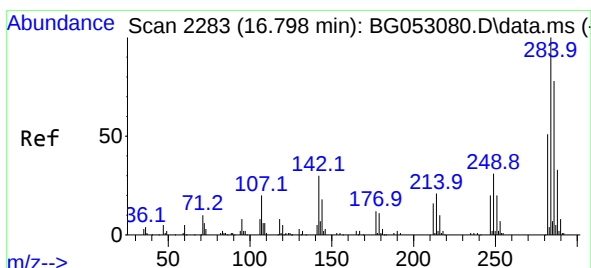
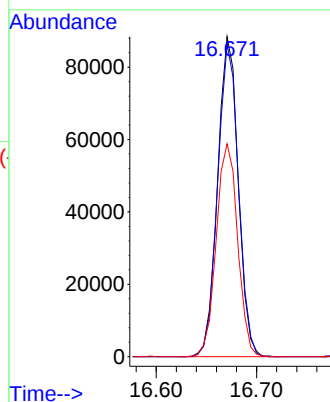
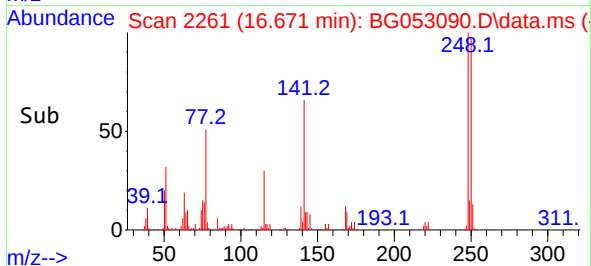


Tgt Ion:248 Resp: 12584
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 66.5 49.2 73.8

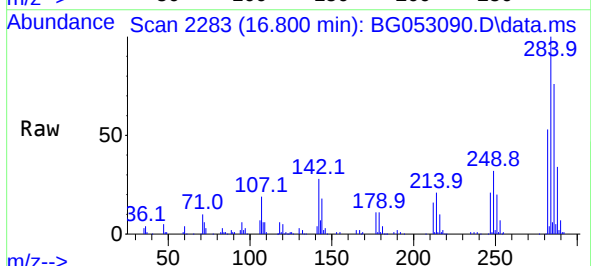
Manual Integrations

APPROVED

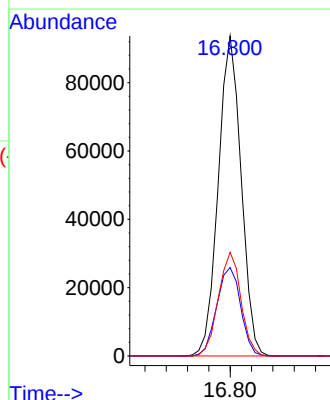
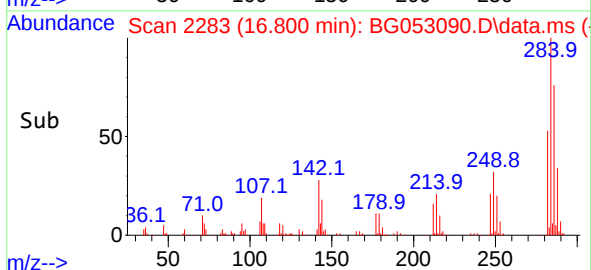
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

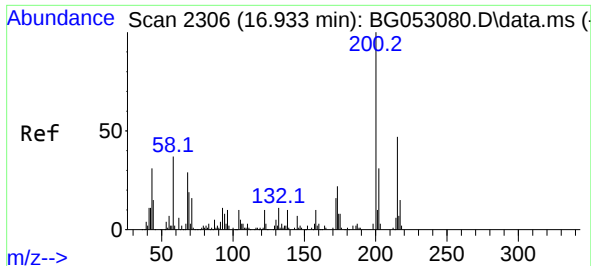


#68
Hexachlorobenzene
Concen: 47.136 ng
RT: 16.800 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



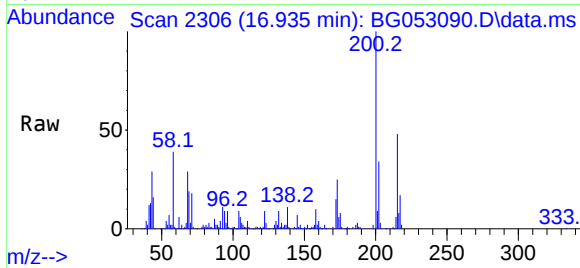
Tgt Ion:284 Resp: 139090
Ion Ratio Lower Upper
284 100
142 27.7 21.0 31.4
249 32.4 22.7 34.1





#69
 Atrazine
 Concen: 52.582 ng
 RT: 16.935 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053090.D
 Acq: 8 Apr 2022 18:59

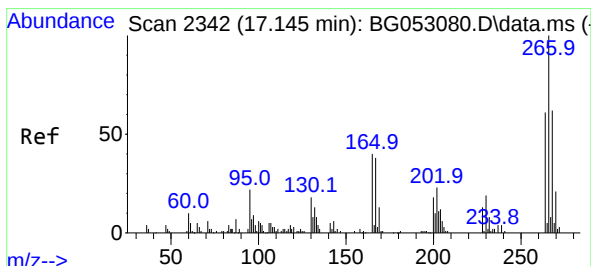
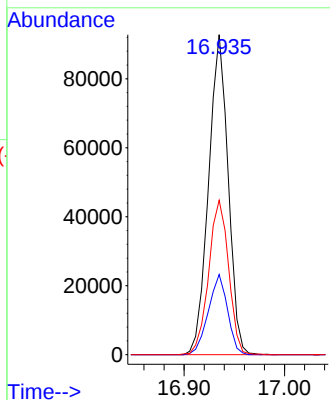
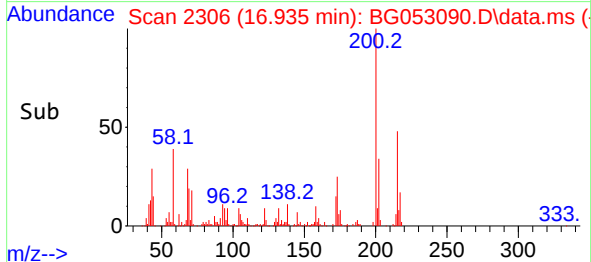
Instrument :
 BNA_G
 ClientSampleId :
 PB143990BS



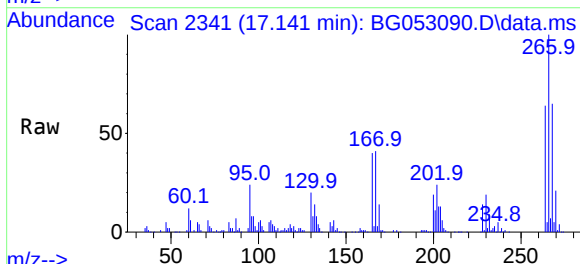
Tgt Ion:200 Resp: 125602
 Ion Ratio Lower Upper
 200 100
 173 25.0 3.8 43.8
 215 48.2 26.3 66.3

Manual Integrations
 APPROVED

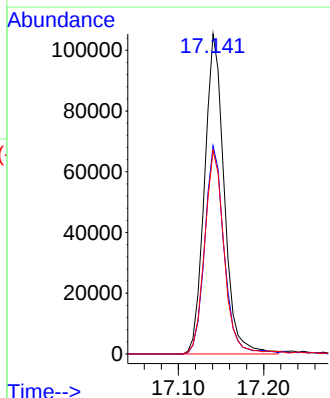
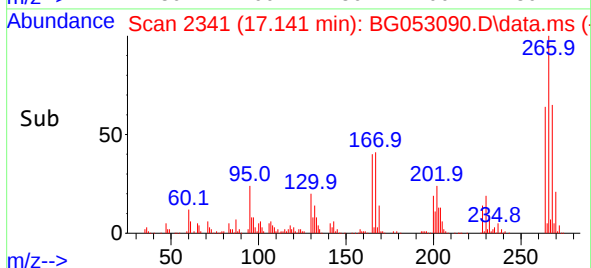
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

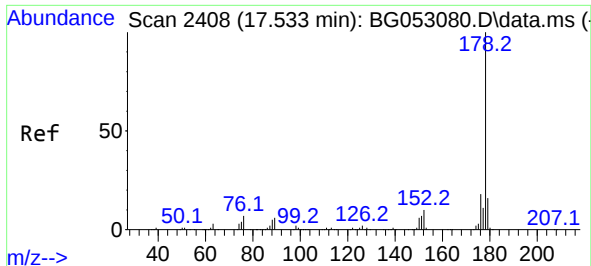


#70
 Pentachlorophenol
 Concen: 104.683 ng
 RT: 17.141 min Scan# 2341
 Delta R.T. -0.004 min
 Lab File: BG053090.D
 Acq: 8 Apr 2022 18:59



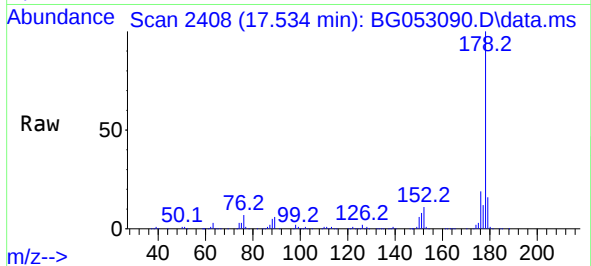
Tgt Ion:266 Resp: 168820
 Ion Ratio Lower Upper
 266 100
 268 65.1 45.9 68.9
 264 63.5 45.3 67.9





#71
Phenanthrene
Concen: 47.288 ng
RT: 17.534 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

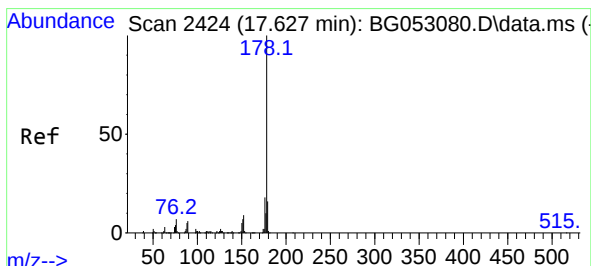
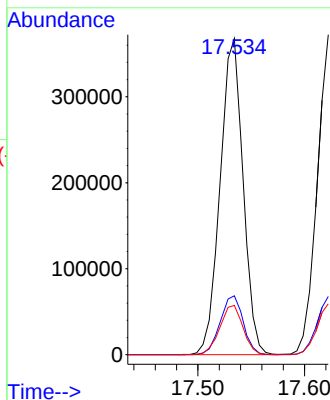
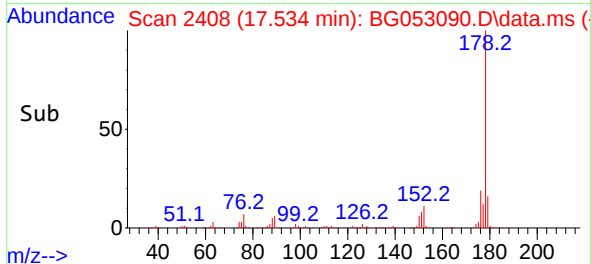
Instrument :
BNA_G
ClientSampleId :
PB143990BS



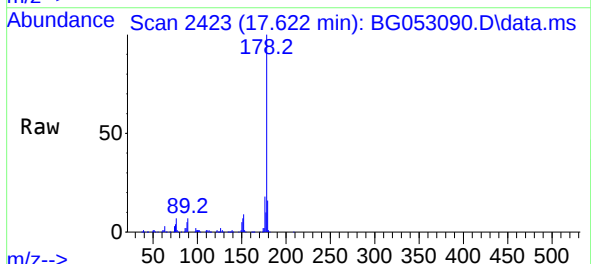
Tgt Ion:178 Resp: 549260
Ion Ratio Lower Upper
178 100
176 18.6 15.9 23.9
179 15.6 13.4 20.2

Manual Integrations
APPROVED

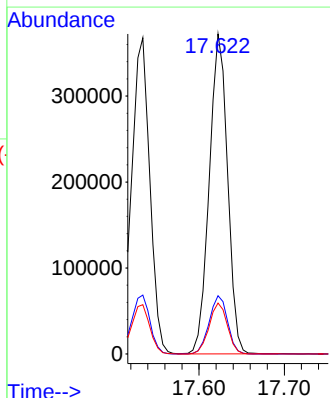
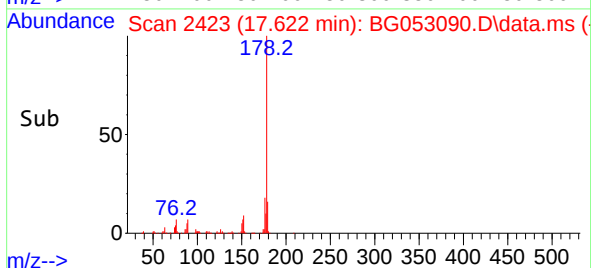
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

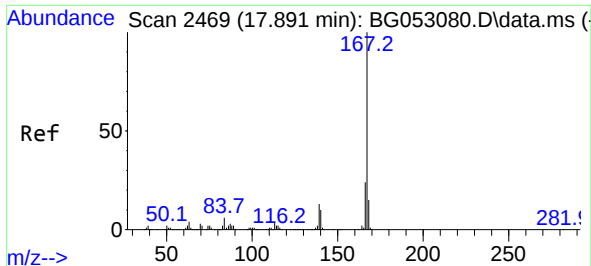


#72
Anthracene
Concen: 48.156 ng
RT: 17.622 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



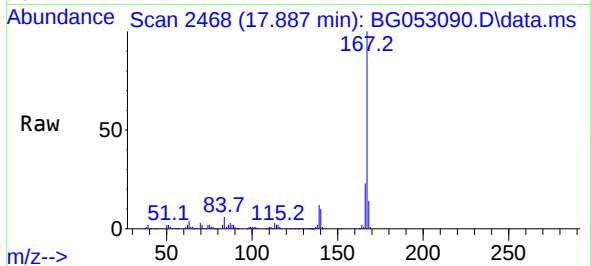
Tgt Ion:178 Resp: 554140
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 45.551 ng
RT: 17.887 min Scan# 2468
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

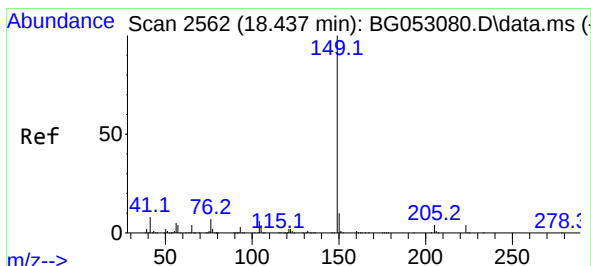
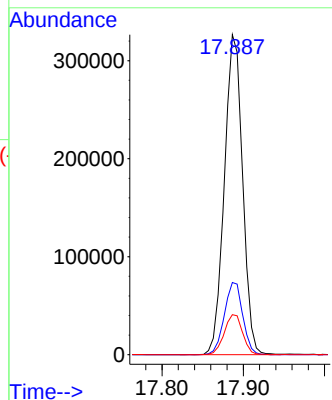
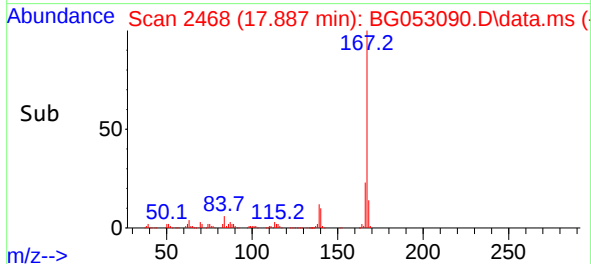
Instrument :
BNA_G
ClientSampleId :
PB143990BS



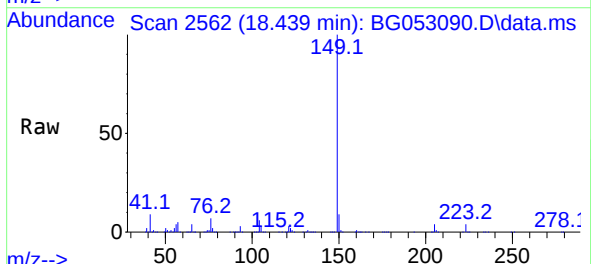
Tgt Ion:167 Resp: 509511
Ion Ratio Lower Upper
167 100
166 22.6 18.5 27.7
139 12.5 10.0 15.0

Manual Integrations
APPROVED

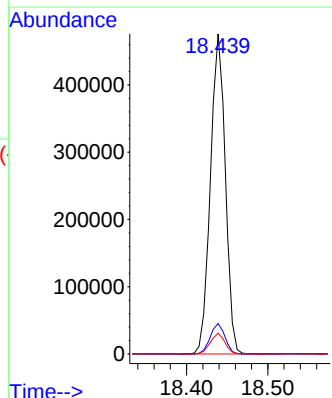
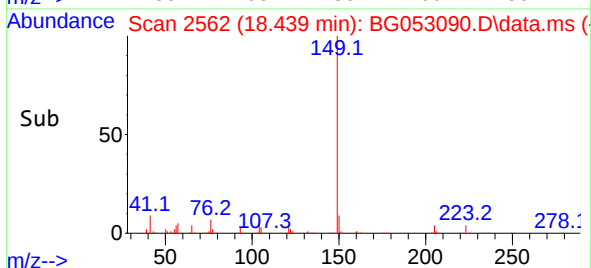
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

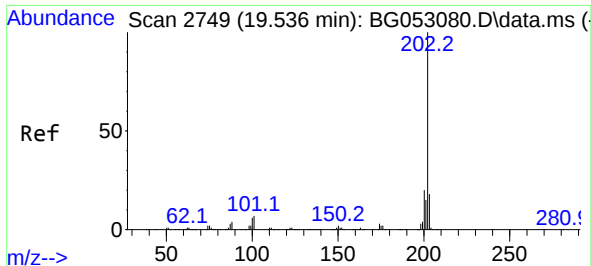


#74
Di-n-butylphthalate
Concen: 47.682 ng
RT: 18.439 min Scan# 2562
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



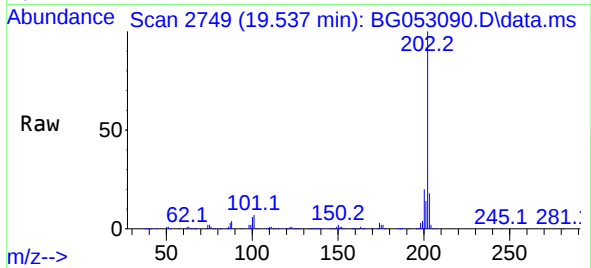
Tgt Ion:149 Resp: 604896
Ion Ratio Lower Upper
149 100
150 9.5 7.0 10.6
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 48.540 ng
RT: 19.537 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

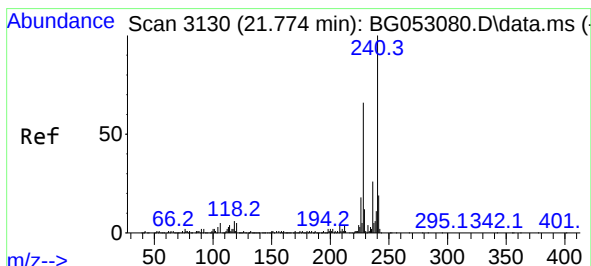
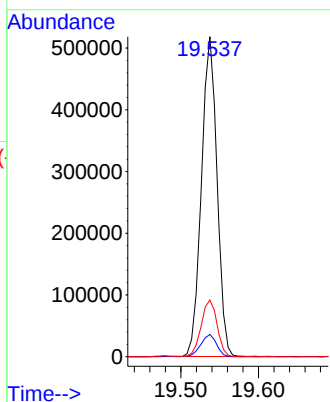
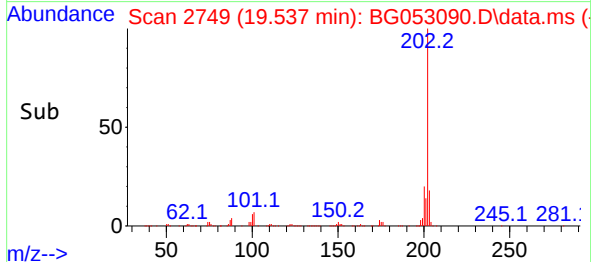
Instrument :
BNA_G
ClientSampleId :
PB143990BS



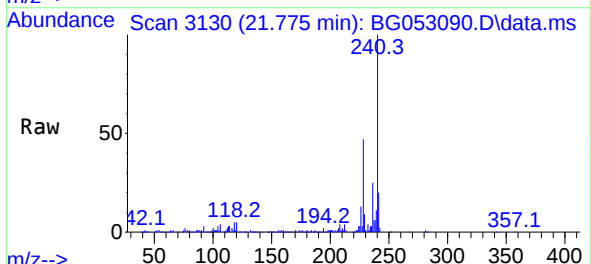
Tgt Ion:202 Resp: 72269
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.3
203 17.7 0.0 37.7

Manual Integrations
APPROVED

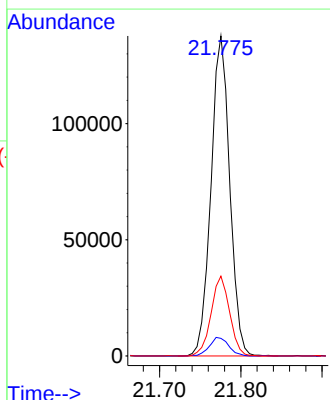
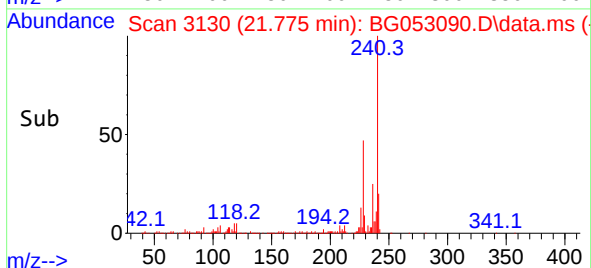
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

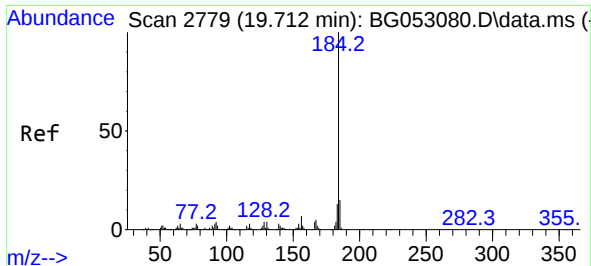


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:240 Resp: 220817
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 24.9 19.8 29.6





#77
Benzidine
Concen: 75.440 ng
RT: 19.708 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

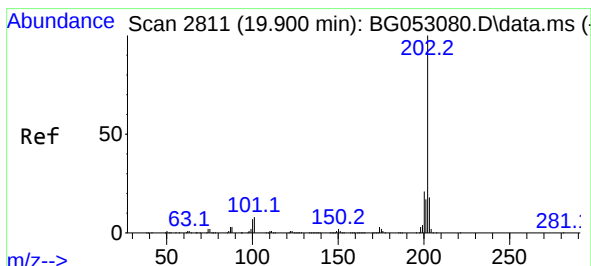
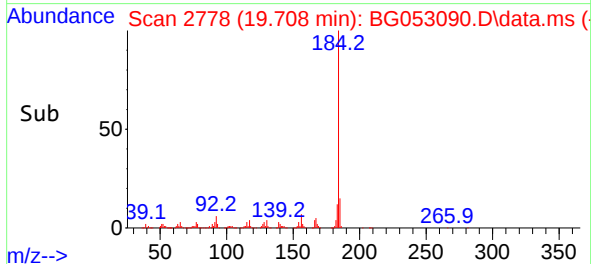
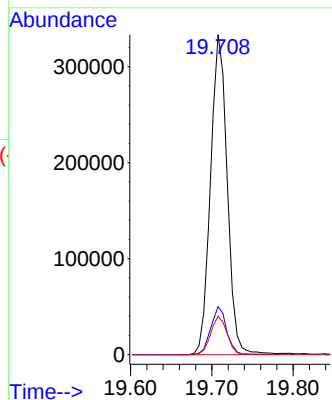
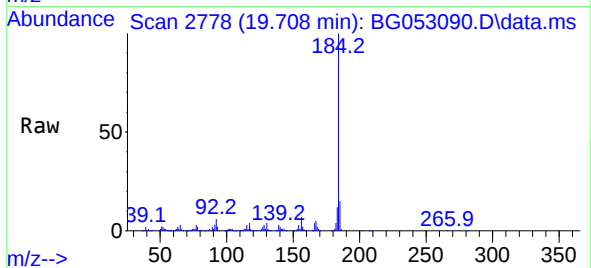
PB143990BS

Tgt Ion:184 Resp: 47529
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 12.0 9.4 14.2

Manual Integrations

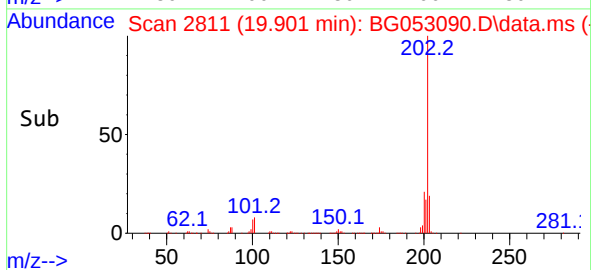
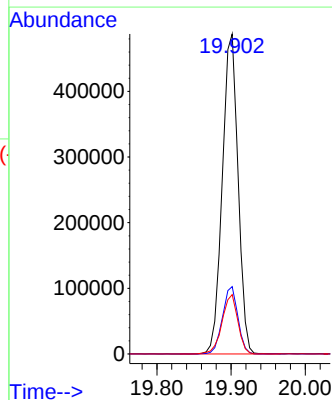
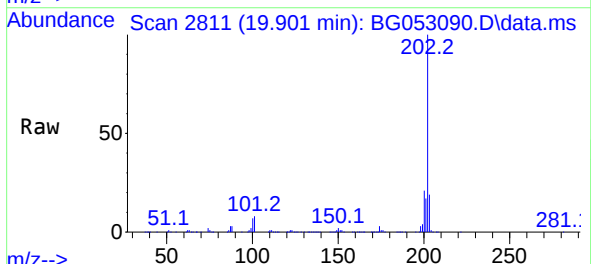
APPROVED

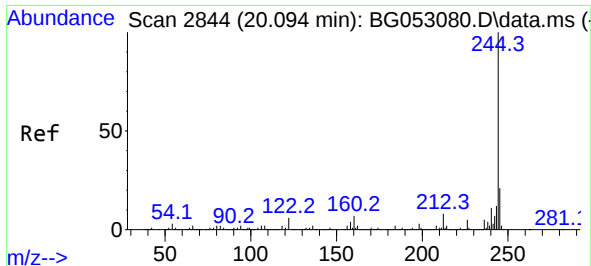
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#78
Pyrene
Concen: 45.724 ng
RT: 19.901 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Tgt Ion:202 Resp: 719081
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 18.5 15.0 22.6





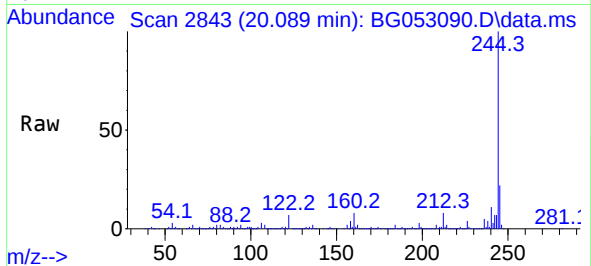
#79
 Terphenyl-d14
 Concen: 88.751 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053090.D
 Acq: 8 Apr 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB143990BS

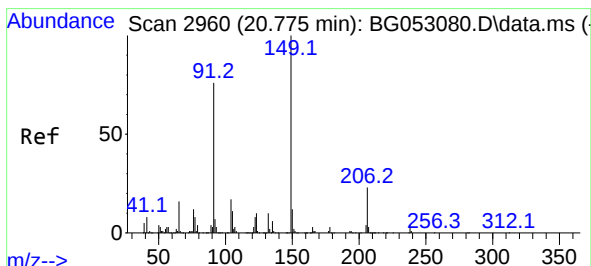
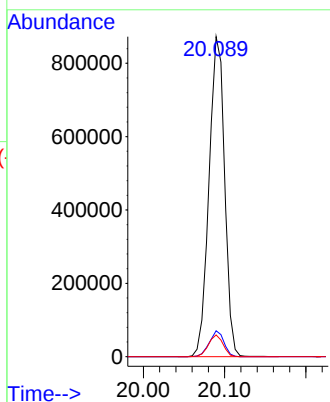
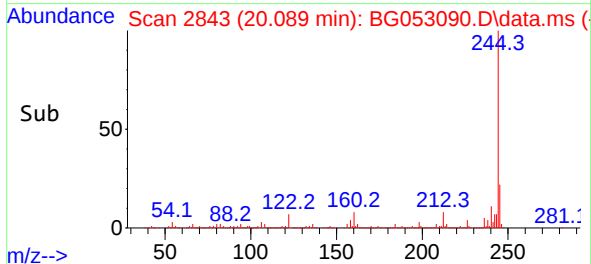


Tgt Ion:244 Resp: 1160380
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.8 5.8 8.6

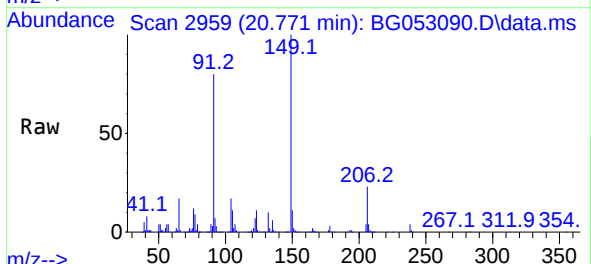
Manual Integrations

APPROVED

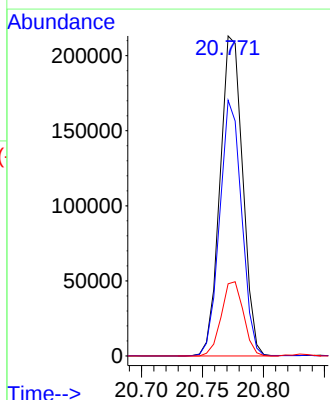
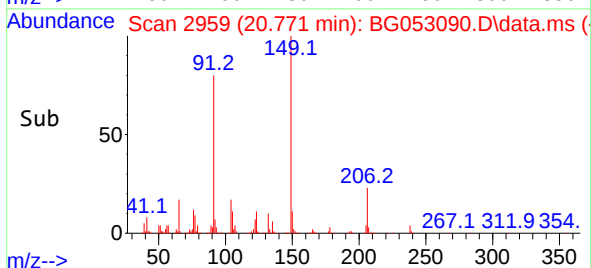
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022



#80
 Butylbenzylphthalate
 Concen: 47.113 ng
 RT: 20.771 min Scan# 2959
 Delta R.T. -0.004 min
 Lab File: BG053090.D
 Acq: 8 Apr 2022 18:59



Tgt Ion:149 Resp: 276229
 Ion Ratio Lower Upper
 149 100
 91 79.9 60.2 90.4
 206 22.6 19.4 29.2





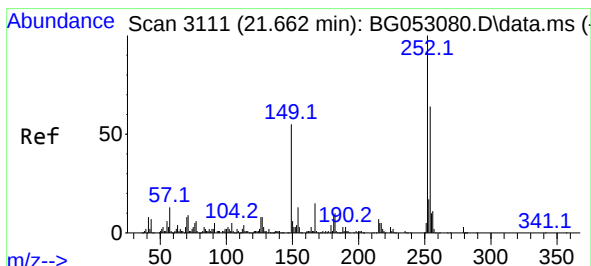
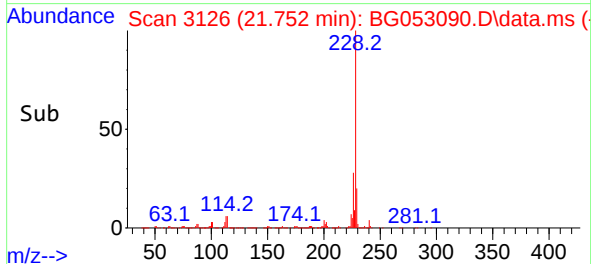
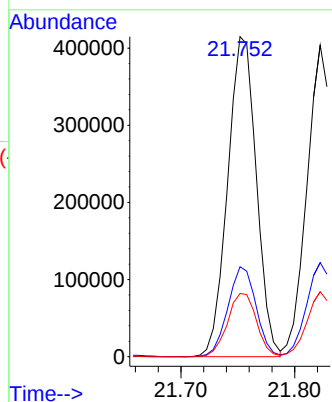
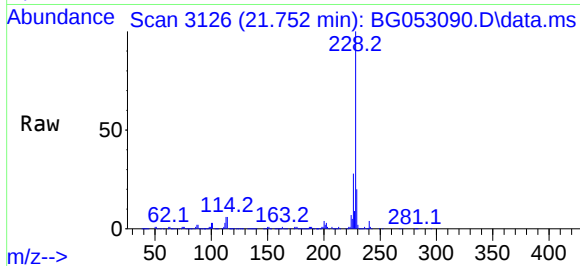
#81
Benzo(a)anthracene
Concen: 48.130 ng
RT: 21.752 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB143990BS

Tgt Ion:228 Resp: 72665
Ion Ratio Lower Upper
228 100
226 28.1 21.4 32.0
229 19.7 16.7 25.1

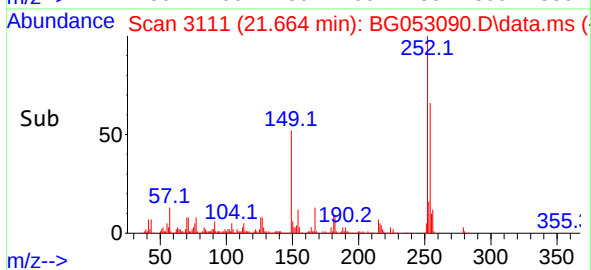
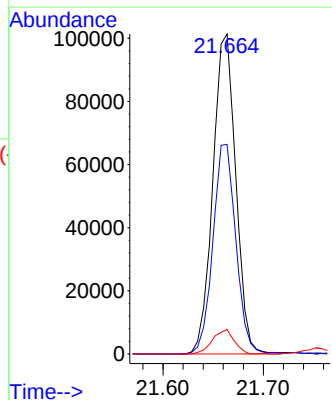
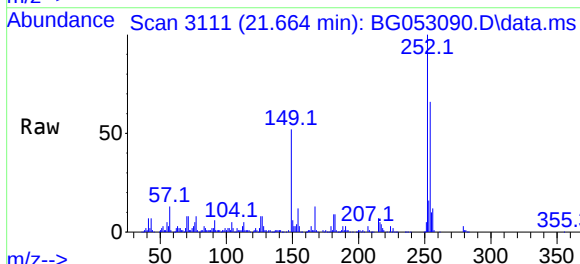
Manual Integrations
APPROVED

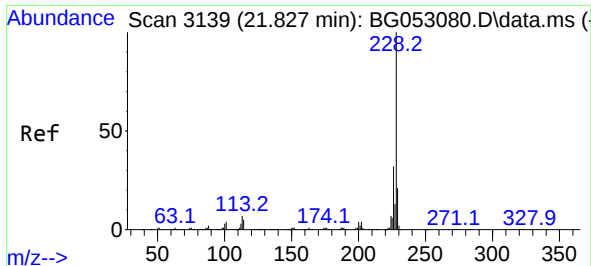
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.966 ng
RT: 21.664 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

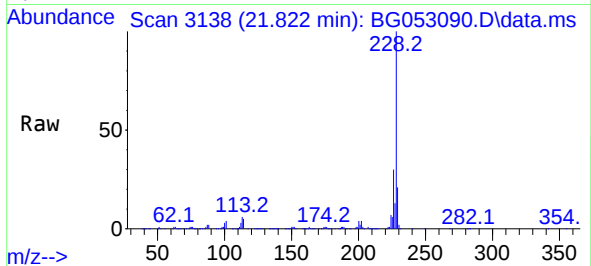
Tgt Ion:252 Resp: 160836
Ion Ratio Lower Upper
252 100
254 65.5 51.2 76.8
126 7.7 5.8 8.8





#83
Chrysene
Concen: 46.722 ng
RT: 21.822 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

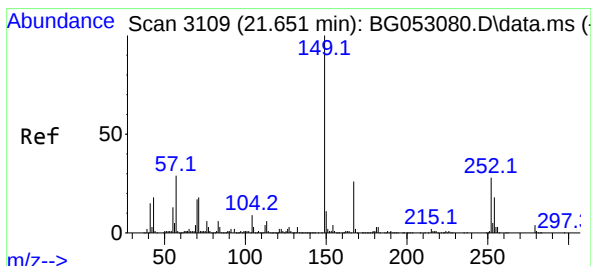
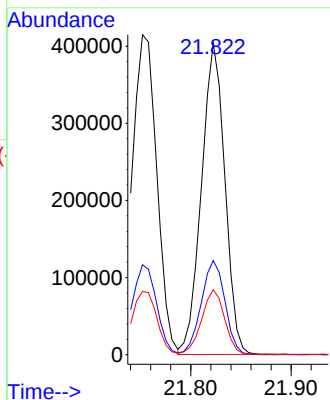
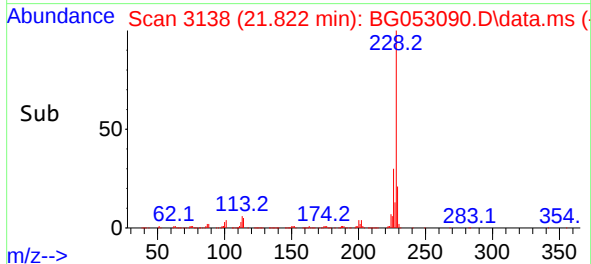
Instrument :
BNA_G
ClientSampleId :
PB143990BS



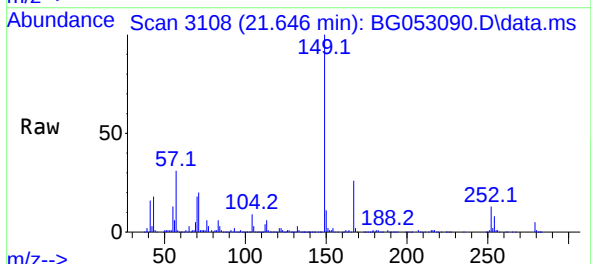
Tgt Ion:228 Resp: 65466
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 20.9 16.3 24.5

Manual Integrations
APPROVED

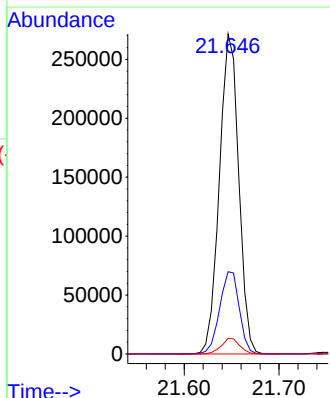
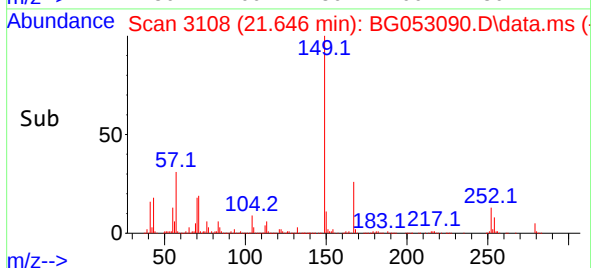
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

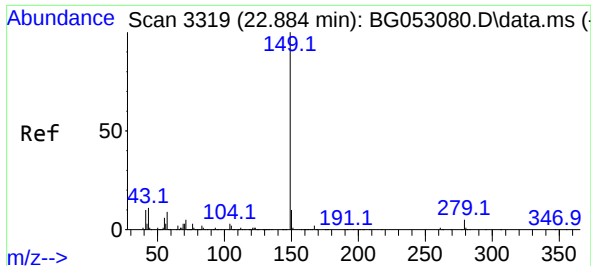


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.553 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



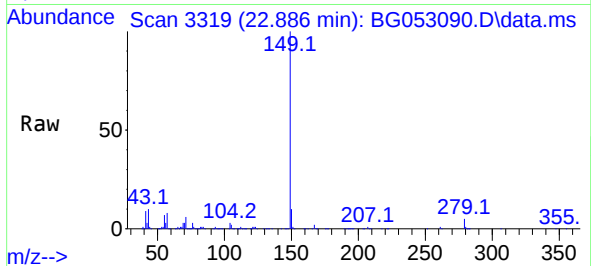
Tgt Ion:149 Resp: 384793
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 4.9 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 48.778 ng
RT: 22.886 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

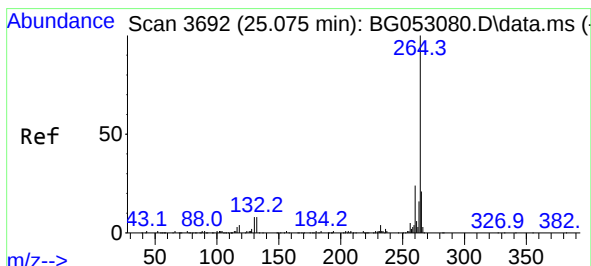
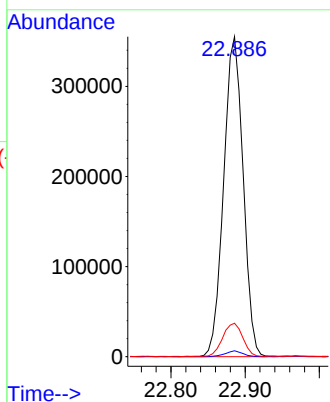
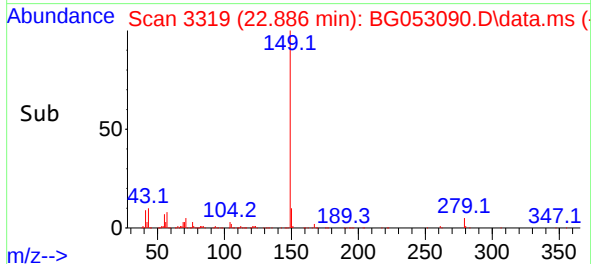
Instrument :
BNA_G
ClientSampleId :
PB143990BS



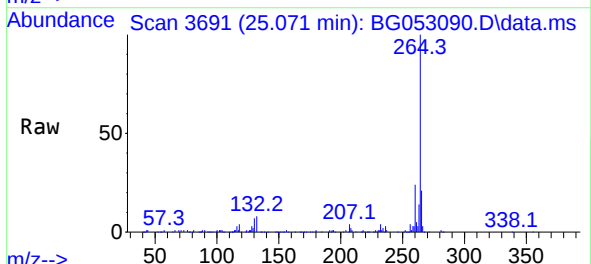
Tgt Ion:149 Resp: 64653
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 7.6 11.4

Manual Integrations
APPROVED

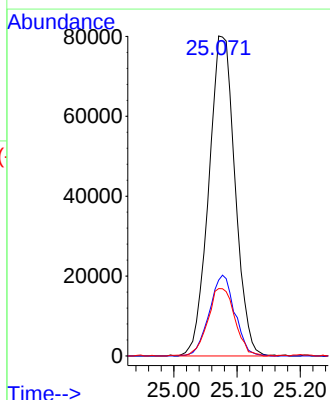
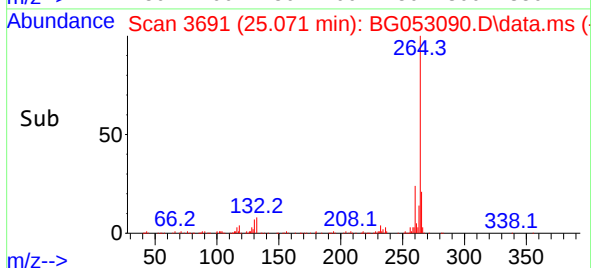
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

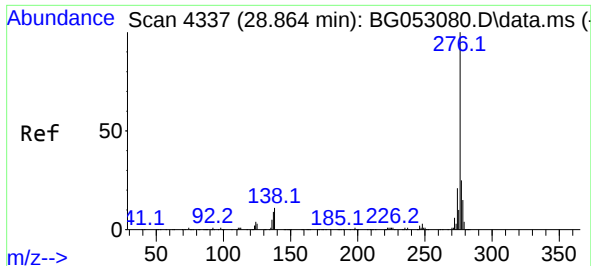


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.071 min Scan# 3691
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



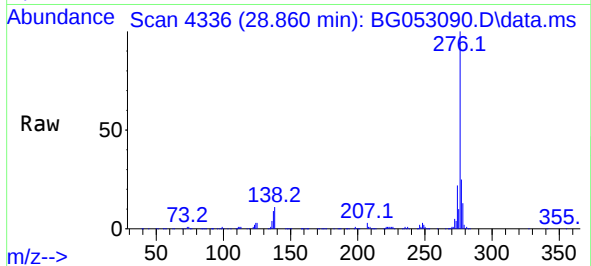
Tgt Ion:264 Resp: 230793
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.2
265 21.1 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.318 ng
RT: 28.860 min Scan# 4337
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

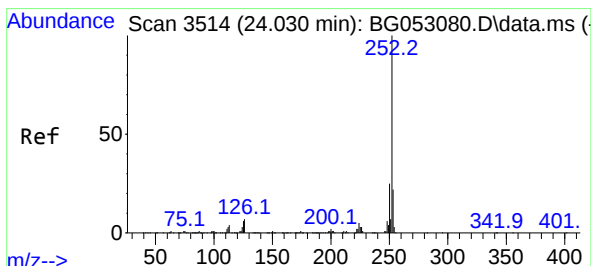
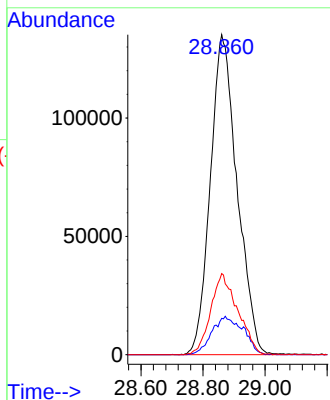
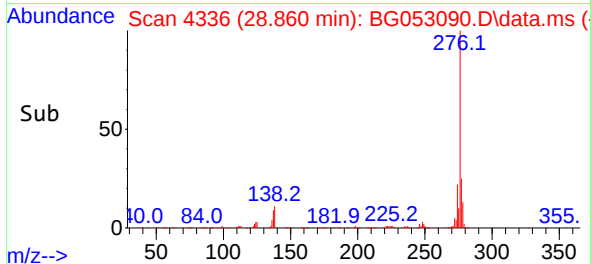
Instrument :
BNA_G
ClientSampleId :
PB143990BS



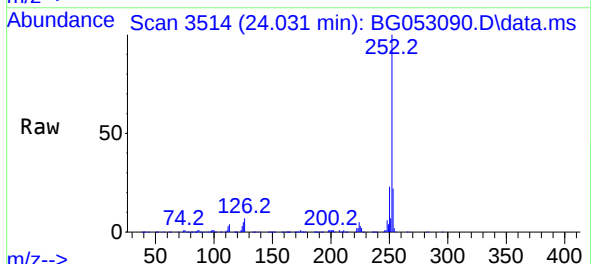
Tgt Ion:276 Resp: 81133
Ion Ratio Lower Upper
276 100
138 14.0 8.7 13.1
277 25.6 20.2 30.4

Manual Integrations
APPROVED

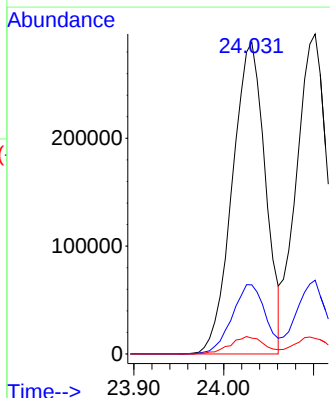
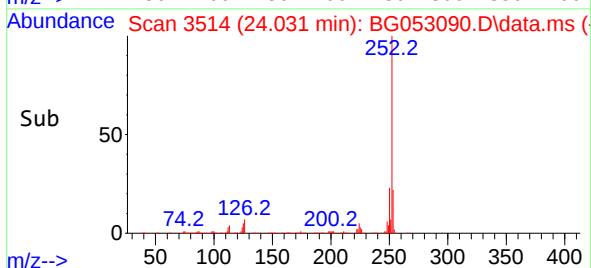
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

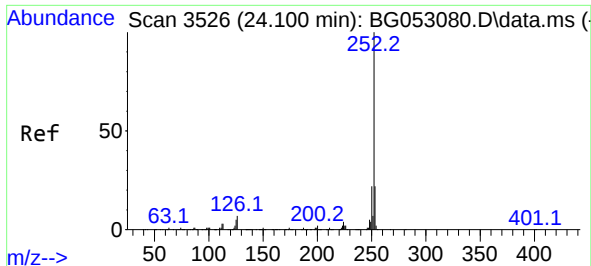


#88
Benzo(b)fluoranthene
Concen: 50.715 ng
RT: 24.031 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



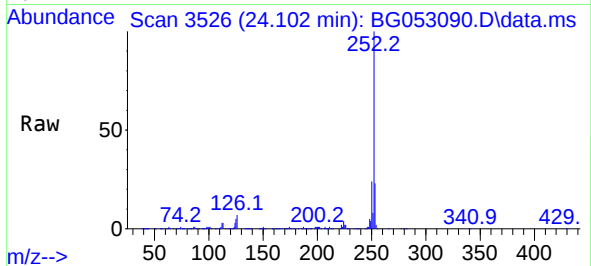
Tgt Ion:252 Resp: 738494
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 5.1 5.2 7.8#





#89
Benzo(k)fluoranthene
Concen: 49.986 ng m
RT: 24.102 min Scan# 3526
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

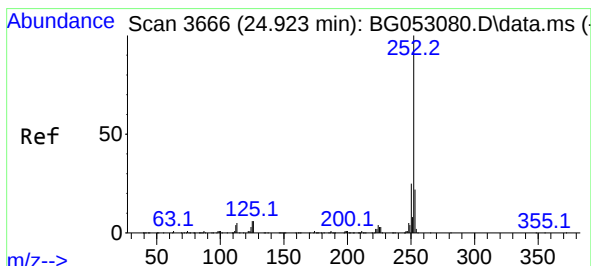
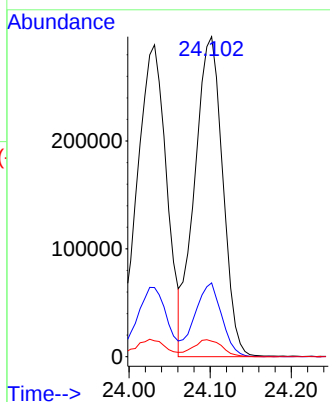
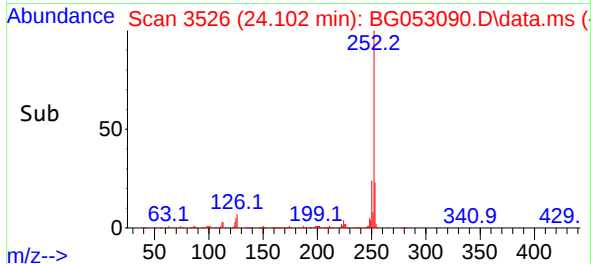
Instrument :
BNA_G
ClientSampleId :
PB143990BS



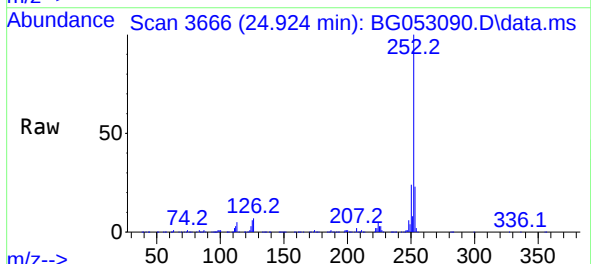
Tgt Ion:252 Resp: 71537
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 4.9 5.0 7.4

Manual Integrations
APPROVED

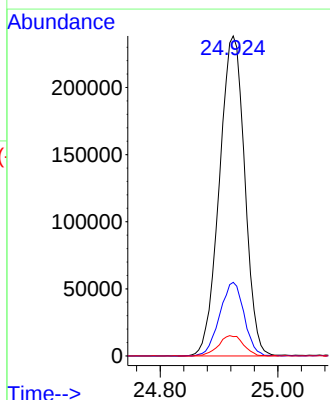
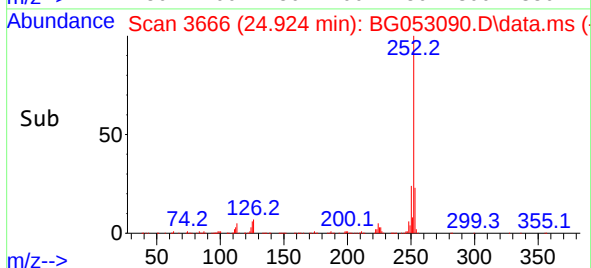
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

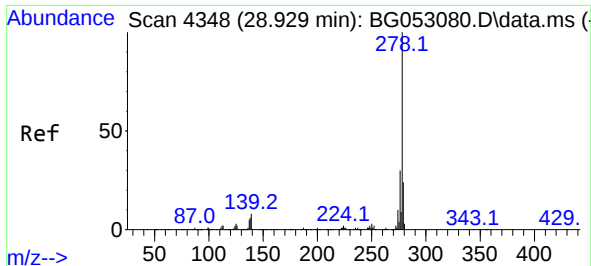


#90
Benzo(a)pyrene
Concen: 57.323 ng
RT: 24.924 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



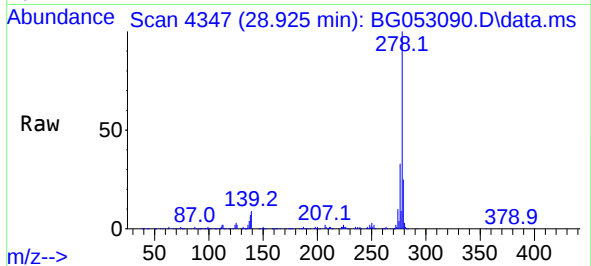
Tgt Ion:252 Resp: 711110
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 6.1 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 49.533 ng
RT: 28.925 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59

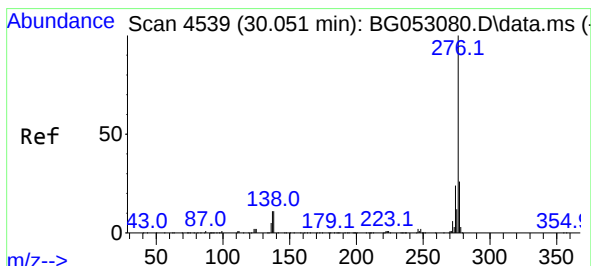
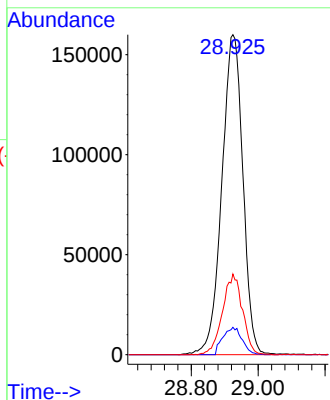
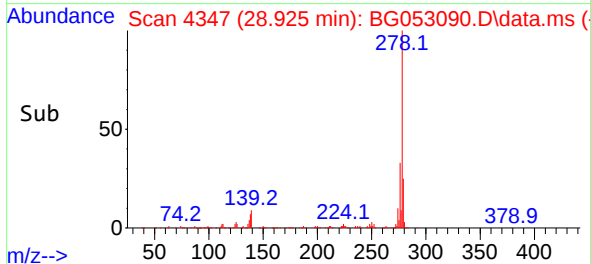
Instrument :
BNA_G
ClientSampleId :
PB143990BS



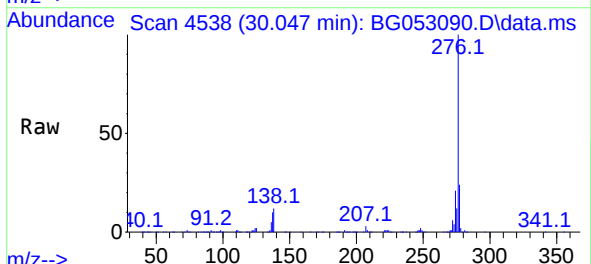
Tgt Ion:278 Resp: 69904
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.6
279 25.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#92
Benzo(g,h,i)perylene
Concen: 50.059 ng
RT: 30.047 min Scan# 4538
Delta R.T. -0.004 min
Lab File: BG053090.D
Acq: 8 Apr 2022 18:59



Tgt Ion:276 Resp: 696310
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.2
138 12.4 9.1 13.7

