

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053086.D
 Acq On : 8 Apr 2022 16:22
 Operator : CG/JU
 Sample : PB143914BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143914BS

Manual Integrations

APPROVED

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

Quant Time: Apr 08 17:49:15 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	27051	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	111437	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	85699	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	208413	20.000	ng	0.00
76) Chrysene-d12	21.775	240	213499	20.000	ng	0.00
86) Perylene-d12	25.070	264	222971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	219712	139.228	ng	0.00
7) Phenol-d6	7.283	99	308115	126.611	ng	0.00
23) Nitrobenzene-d5	9.286	82	222507	81.073	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	168120	123.306	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	496041	79.813	ng	0.00
79) Terphenyl-d14	20.089	244	1044361	82.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	25716	34.123	ng	# 94
3) Pyridine	3.964	79	69224	34.827	ng	# 92
4) n-Nitrosodimethylamine	3.876	42	44576	45.288	ng	94
6) Aniline	7.441	93	112655	39.944	ng	97
8) 2-Chlorophenol	7.688	128	84190	49.417	ng	94
9) Benzaldehyde	7.248	77	69702m	47.917	ng	
10) Phenol	7.306	94	116165	47.956	ng	85
11) bis(2-Chloroethyl)ether	7.529	93	81437	46.638	ng	95
12) 1,3-Dichlorobenzene	8.011	146	90405	45.666	ng	95
13) 1,4-Dichlorobenzene	8.158	146	91879	45.524	ng	97
14) 1,2-Dichlorobenzene	8.475	146	88586	45.516	ng	98
15) Benzyl Alcohol	8.352	79	100176	46.312	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	129195	44.317	ng	96
17) 2-Methylphenol	8.563	107	78620	47.962	ng	97
18) Hexachloroethane	9.210	117	35470	46.866	ng	93
19) n-Nitroso-di-n-propyla...	8.922	70	77803	43.670	ng	# 93
20) 3+4-Methylphenols	8.886	107	107203	46.328	ng	94
22) Acetophenone	8.939	105	134017	43.349	ng	94
24) Nitrobenzene	9.327	77	123002	46.076	ng	# 89
25) Isophorone	9.850	82	213027	45.666	ng	99
26) 2-Nitrophenol	10.038	139	50121	44.900	ng	# 91
27) 2,4-Dimethylphenol	10.097	122	85534	53.502	ng	92
28) bis(2-Chloroethoxy)met...	10.326	93	114435	43.665	ng	99
29) 2,4-Dichlorophenol	10.578	162	92173	45.861	ng	97
30) 1,2,4-Trichlorobenzene	10.796	180	97805	42.997	ng	96
31) Naphthalene	10.984	128	261571	43.996	ng	98
32) Benzoic acid	10.238	122	43429	42.213	ng	93
33) 4-Chloroaniline	11.089	127	69685	27.370	ng	96
34) Hexachlorobutadiene	11.272	225	72902	43.145	ng	99
35) Caprolactam	11.847	113	31852m	44.962	ng	
36) 4-Chloro-3-methylphenol	12.206	107	105109	44.922	ng	93
37) 2-Methylnaphthalene	12.581	142	187764	42.680	ng	96
38) 1-Methylnaphthalene	12.799	142	184219m	42.899	ng	
40) 1,2,4,5-Tetrachloroben...	12.952	216	123983	42.596	ng	98
41) Hexachlorocyclopentadiene	12.928	237	163026	108.501	ng	94
43) 2,4,6-Trichlorophenol	13.187	196	86697	43.202	ng	97

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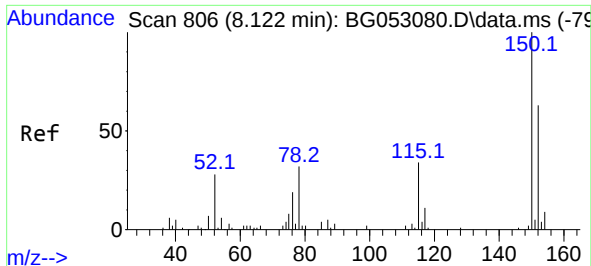
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 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	93951	43.934	ng	# 95
46) 1,1'-Biphenyl	13.580	154	265777	43.065	ng	99
47) 2-Chloronaphthalene	13.627	162	206409	41.921	ng	96
48) 2-Nitroaniline	13.821	65	82035	43.903	ng	92
49) Acenaphthylene	14.467	152	353062	45.807	ng	98
50) Dimethylphthalate	14.191	163	290594	42.394	ng	99
51) 2,6-Dinitrotoluene	14.309	165	64377	45.019	ng	# 83
52) Acenaphthene	14.808	154	259783m	49.701	ng	
53) 3-Nitroaniline	14.638	138	47497	31.412	ng	98
54) 2,4-Dinitrophenol	14.849	184	81544	89.621	ng	# 85
55) Dibenzofuran	15.143	168	338727	41.386	ng	98
56) 4-Nitrophenol	14.955	139	108075	93.716	ng	# 77
57) 2,4-Dinitrotoluene	15.096	165	94185	46.263	ng	87
58) Fluorene	15.789	166	280644	42.455	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.366	232	91911	44.257	ng	99
60) Diethylphthalate	15.548	149	305886	42.592	ng	98
61) 4-Chlorophenyl-phenyle...	15.777	204	156662	41.807	ng	99
62) 4-Nitroaniline	15.801	138	68202	42.745	ng	# 82
63) Azobenzene	16.071	77	303076	41.856	ng	97
65) 4,6-Dinitro-2-methylph...	15.865	198	56533	38.880	ng	94
66) n-Nitrosodiphenylamine	15.989	169	257726	43.003	ng	99
67) 4-Bromophenyl-phenylether	16.670	248	112907	42.279	ng	94
68) Hexachlorobenzene	16.799	284	123135	42.577	ng	92
69) Atrazine	16.934	200	113441	48.456	ng	98
70) Pentachlorophenol	17.140	266	147039	93.029	ng	90
71) Phenanthrene	17.534	178	490694	43.104	ng	98
72) Anthracene	17.622	178	500262	44.358	ng	98
73) Carbazole	17.886	167	461067	42.057	ng	98
74) Di-n-butylphthalate	18.438	149	538454	43.307	ng	97
75) Fluoranthene	19.537	202	653149	44.760	ng	100
77) Benzidine	19.707	184	397427	65.243	ng	100
78) Pyrene	19.901	202	645366	42.443	ng	99
80) Butylbenzylphthalate	20.776	149	244638	43.155	ng	99
81) Benzo(a)anthracene	21.751	228	639517	43.810	ng	99
82) 3,3'-Dichlorobenzidine	21.663	252	161601	30.102	ng	98
83) Chrysene	21.822	228	580026	42.814	ng	100
84) Bis(2-ethylhexyl)phtha...	21.646	149	340633	44.454	ng	98
85) Di-n-octyl phthalate	22.885	149	574190	44.805	ng	96
87) Indeno(1,2,3-cd)pyrene	28.859	276	707099	42.685	ng	# 96
88) Benzo(b)fluoranthene	24.025	252	647464	46.023	ng	97
89) Benzo(k)fluoranthene	24.095	252	629230	45.509	ng	99
90) Benzo(a)pyrene	24.924	252	626285	52.257	ng	97
91) Dibenzo(a,h)anthracene	28.924	278	610348	44.766	ng	98
92) Benzo(g,h,i)perylene	30.058	276	605768	45.077	ng	99

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



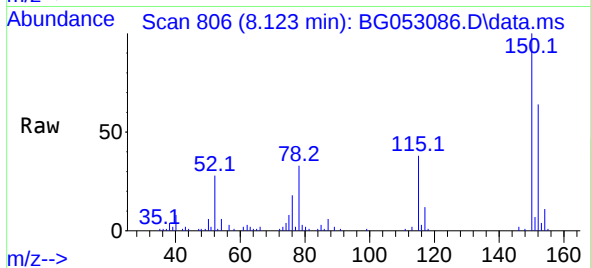
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

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PB143914BS

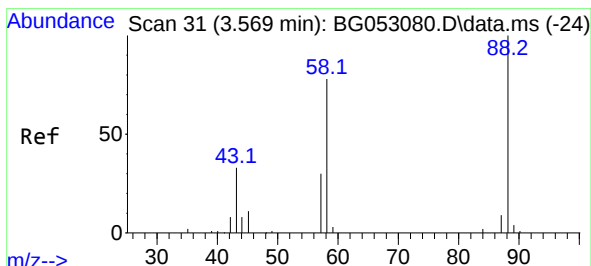
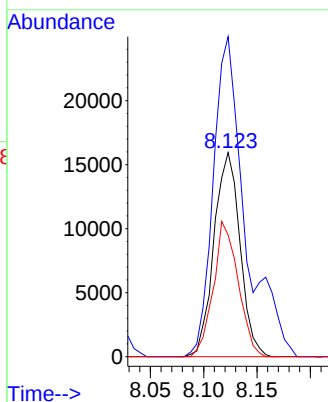
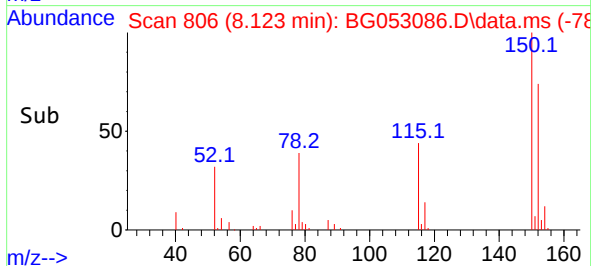


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Ion Ratio Lower Upper
152 100
150 156.7 114.6 172.0
115 59.5 45.9 68.9

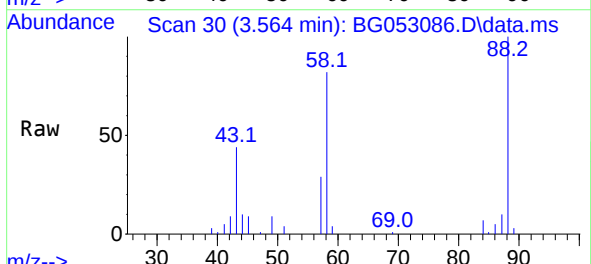
Manual Integrations

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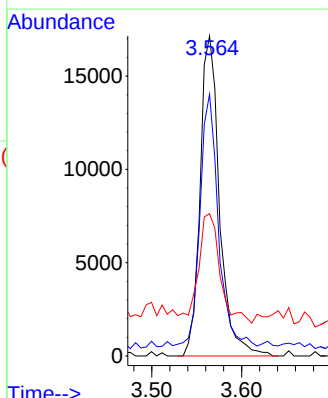
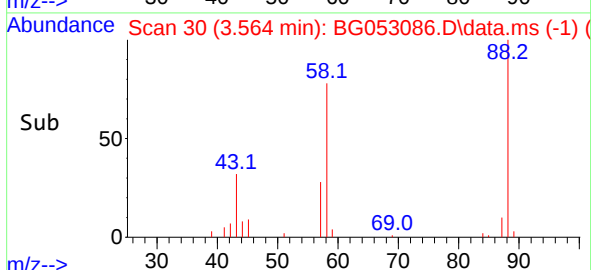
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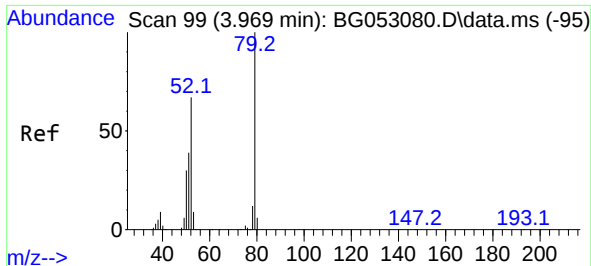


#2
1,4-Dioxane
Concen: 34.123 ng
RT: 3.564 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



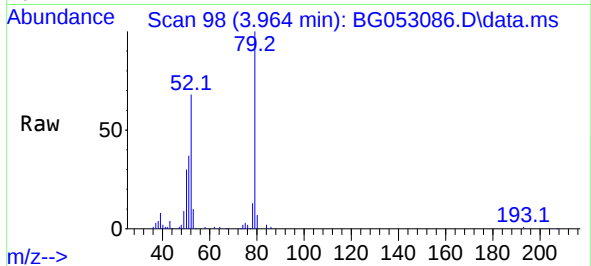
Tgt Ion: 88 Resp: 25716
Ion Ratio Lower Upper
88 100
58 74.3 58.2 87.2
43 37.9 23.4 35.0#





#3
Pyridine
Concen: 34.827 ng
RT: 3.964 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

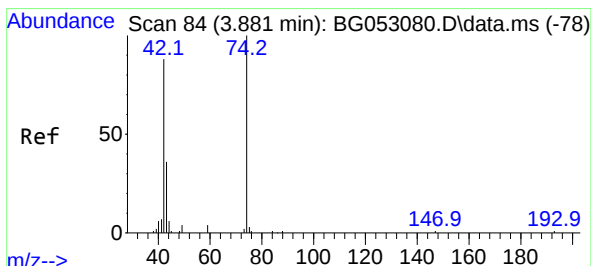
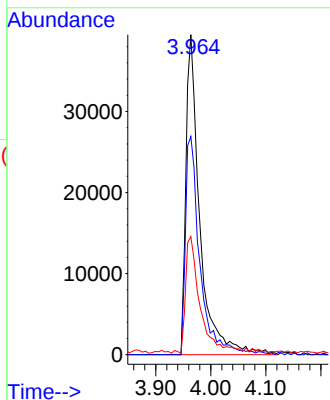
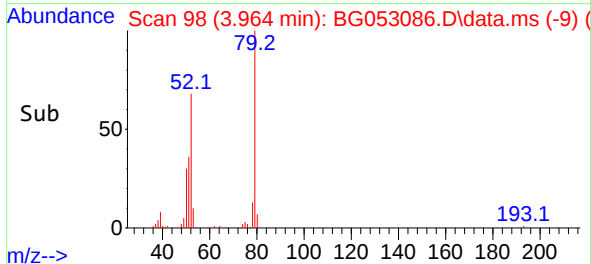
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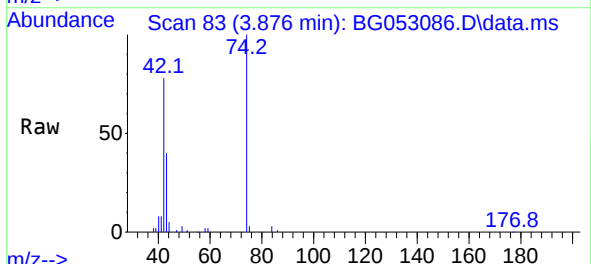
Tgt Ion: 79 Resp: 69224
Ion Ratio Lower Upper
79 100
52 68.2 50.9 76.3
51 36.9 24.4 36.6

Manual Integrations
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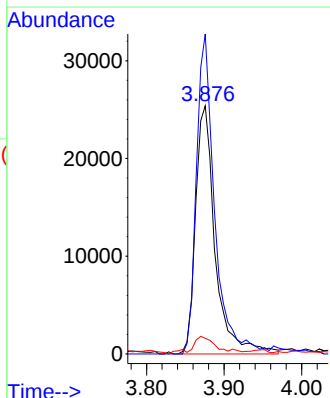
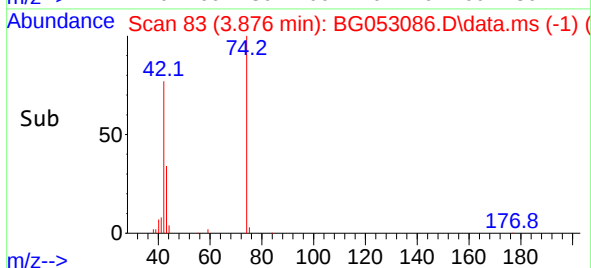
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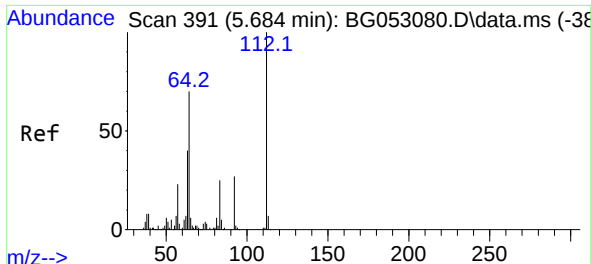


#4
n-Nitrosodimethylamine
Concen: 45.288 ng
RT: 3.876 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



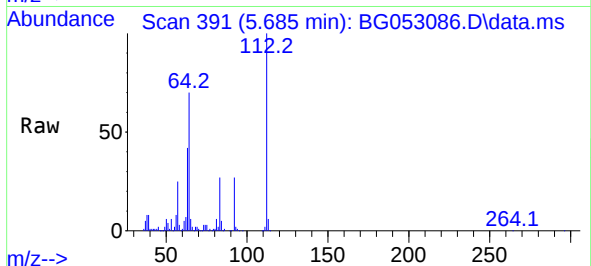
Tgt Ion: 42 Resp: 44576
Ion Ratio Lower Upper
42 100
74 129.0 108.9 163.3
44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 139.228 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

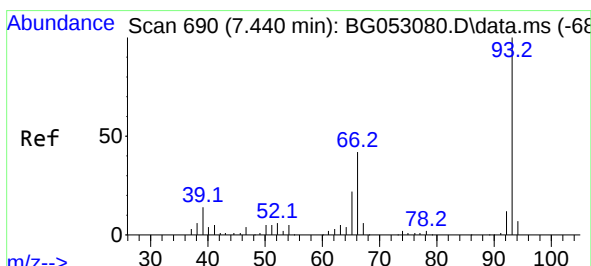
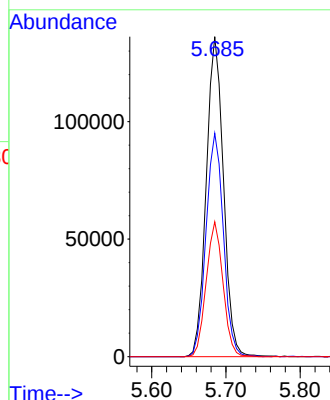
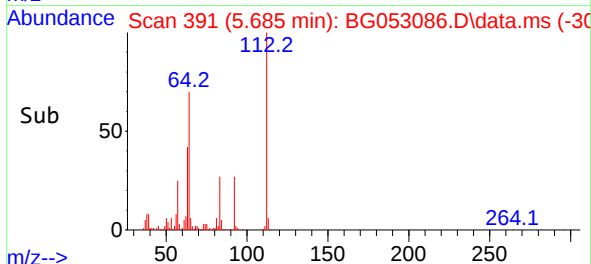
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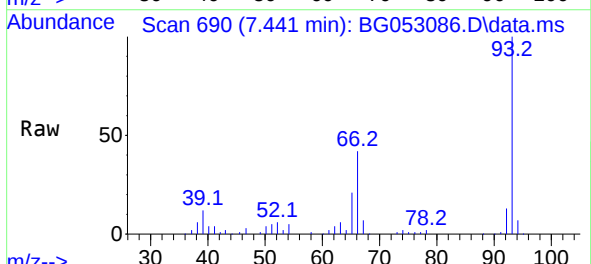
Tgt Ion: 112 Resp: 219712
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 42.2 26.5 39.7

Manual Integrations
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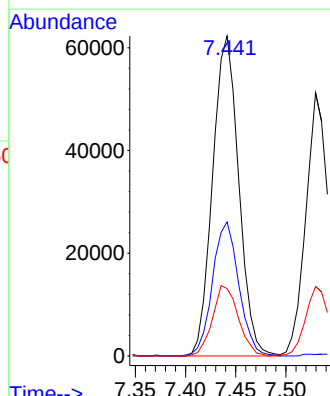
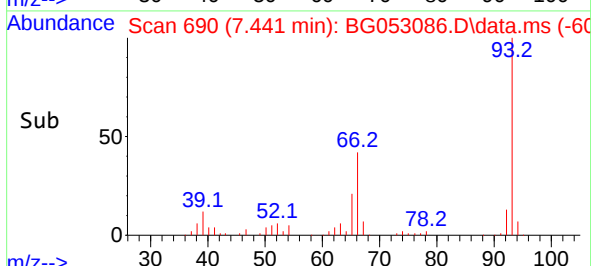
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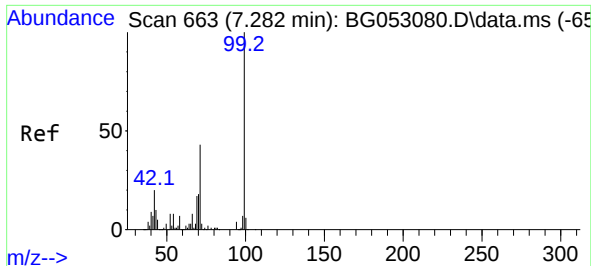


#6
Aniline
Concen: 39.944 ng
RT: 7.441 min Scan# 690
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



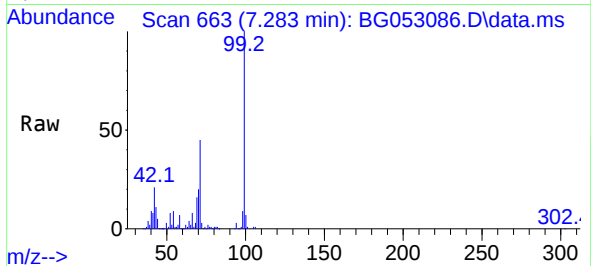
Tgt Ion: 93 Resp: 112655
Ion Ratio Lower Upper
93 100
66 41.9 31.3 46.9
65 21.1 16.7 25.1





#7
Phenol-d6
Concen: 126.611 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

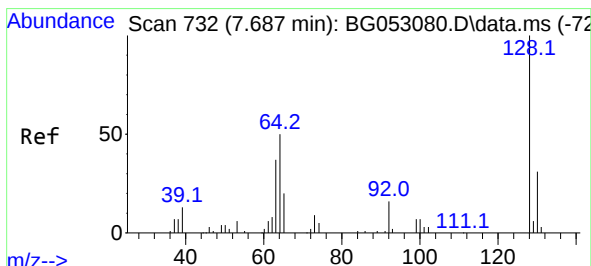
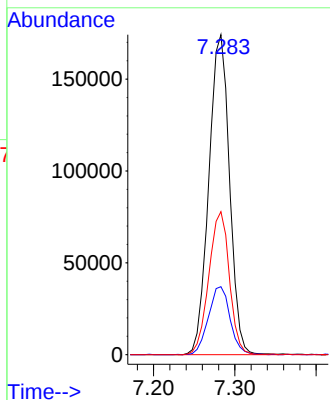
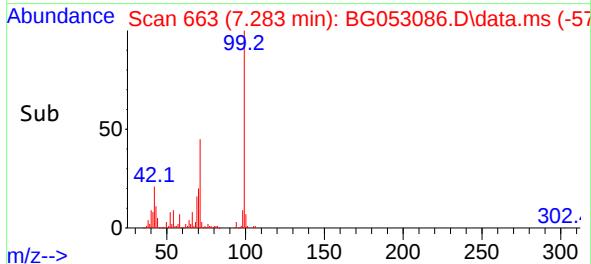
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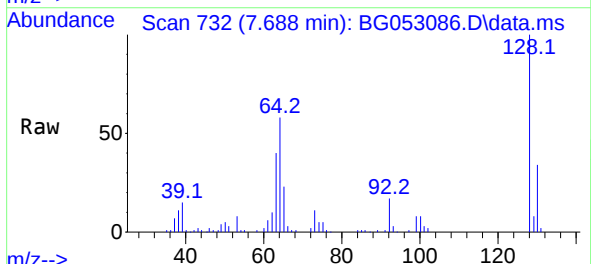
Tgt Ion: 99 Resp: 308111
Ion Ratio Lower Upper
99 100
42 21.2 14.7 22.1
71 44.7 29.2 43.8

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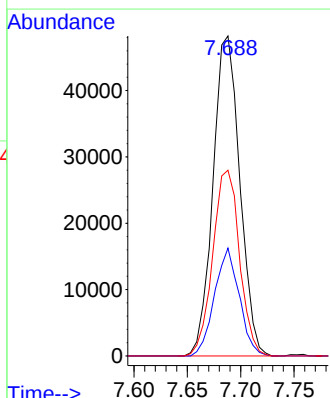
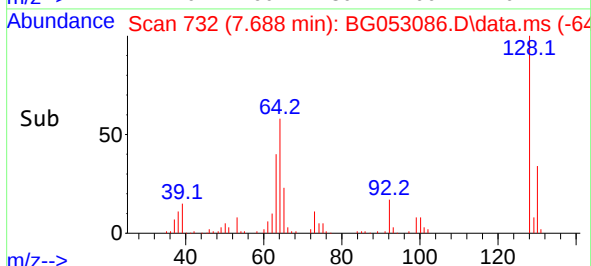
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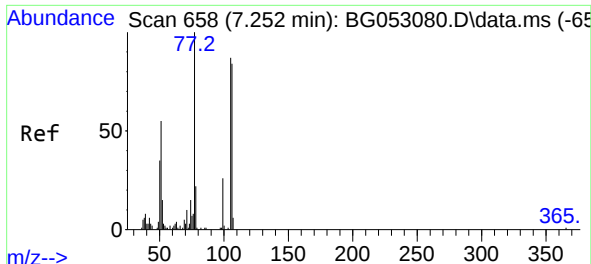


#8
2-Chlorophenol
Concen: 49.417 ng
RT: 7.688 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



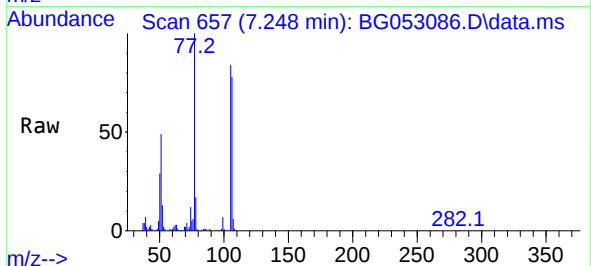
Tgt Ion:128 Resp: 84190
Ion Ratio Lower Upper
128 100
130 33.7 13.4 53.4
64 58.0 30.9 70.9





#9
Benzaldehyde
Concen: 47.917 ng m
RT: 7.248 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

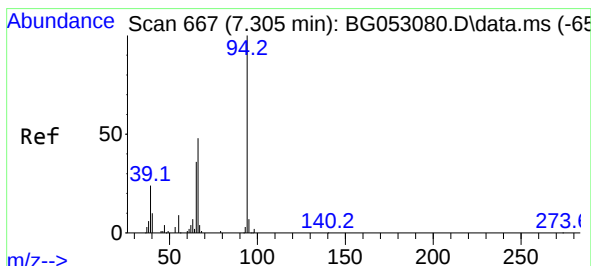
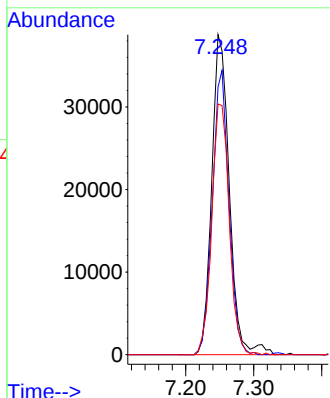
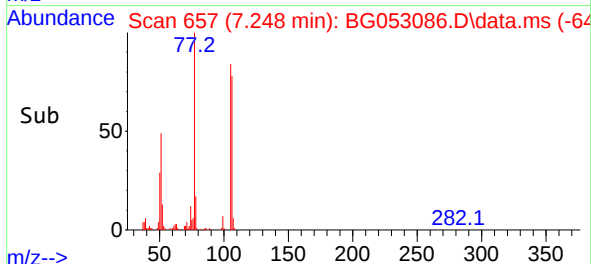
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BNA_G
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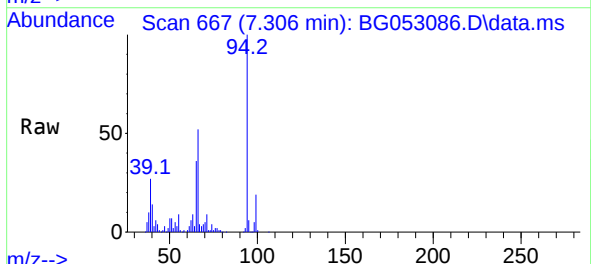
Tgt Ion: 77 Resp: 6970
Ion Ratio Lower Upper
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105 83.6 70.6 110.6
106 78.4 67.6 107.6

Manual Integrations
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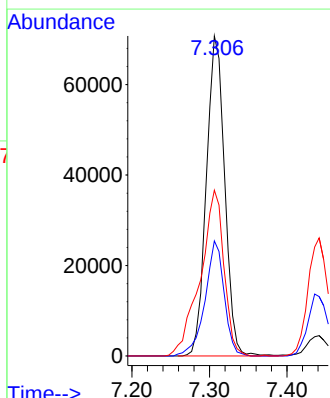
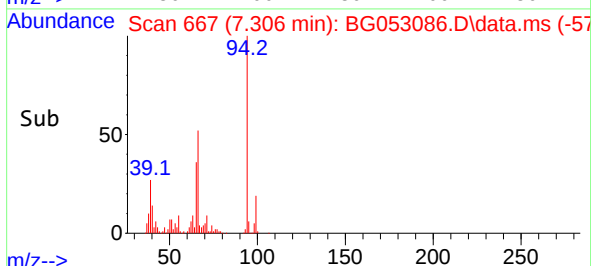
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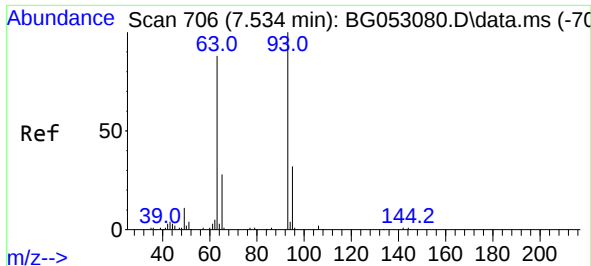


#10
Phenol
Concen: 47.956 ng
RT: 7.306 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion: 94 Resp: 116165
Ion Ratio Lower Upper
94 100
65 36.0 11.1 51.1
66 51.8 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 46.638 ng
RT: 7.529 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

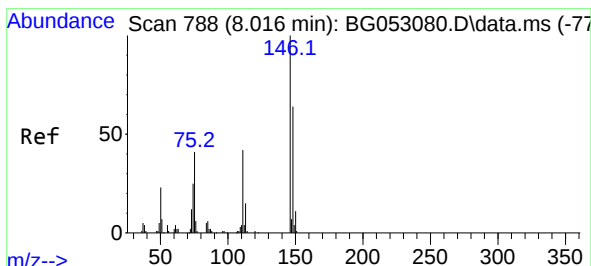
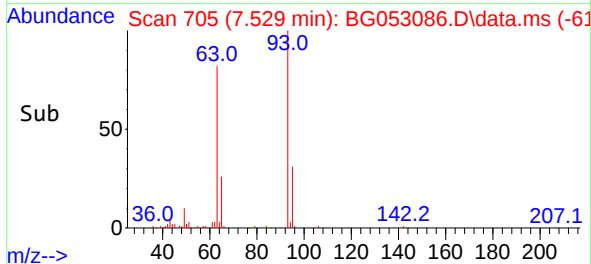
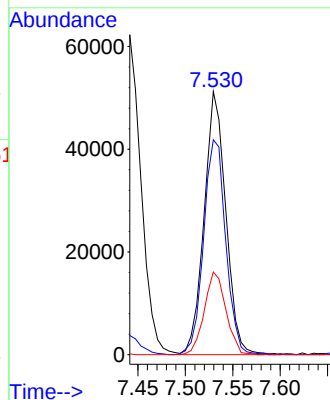
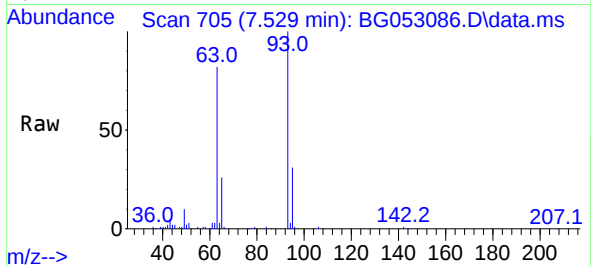
ClientSampleId :

PB143914BS

Tgt Ion: 93 Resp: 8143
Ion Ratio Lower Upper
93 100
63 81.6 56.9 96.9
95 31.4 14.5 54.5

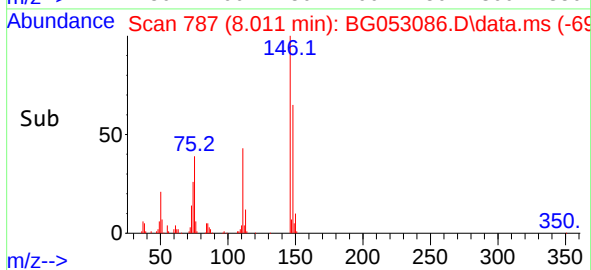
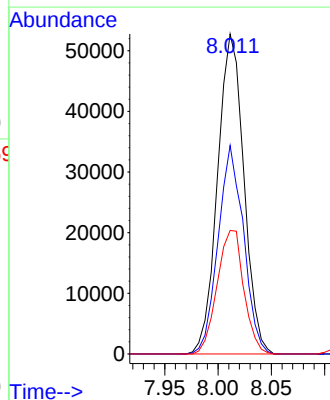
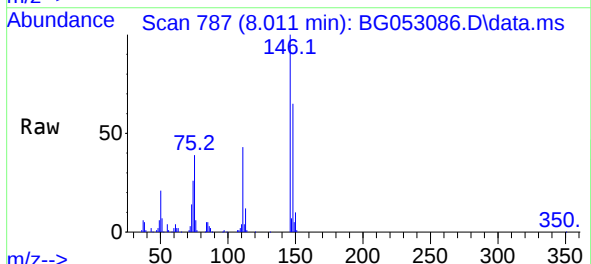
Manual Integrations
APPROVED

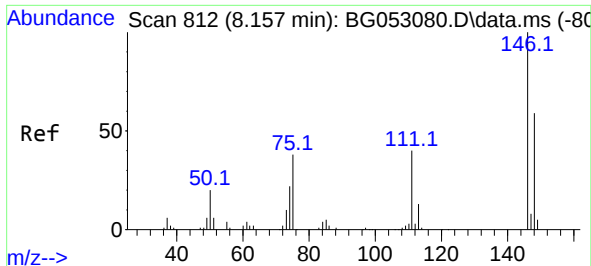
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#12
1,3-Dichlorobenzene
Concen: 45.666 ng
RT: 8.011 min Scan# 787
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

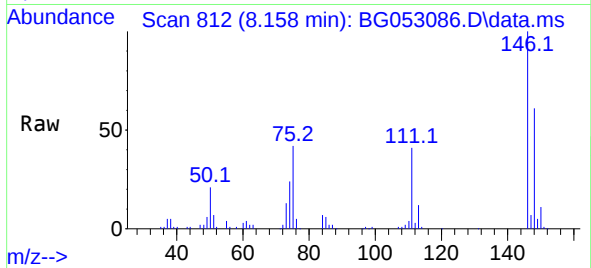
Tgt Ion:146 Resp: 90405
Ion Ratio Lower Upper
146 100
148 65.1 50.6 76.0
75 38.6 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 45.524 ng
RT: 8.158 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

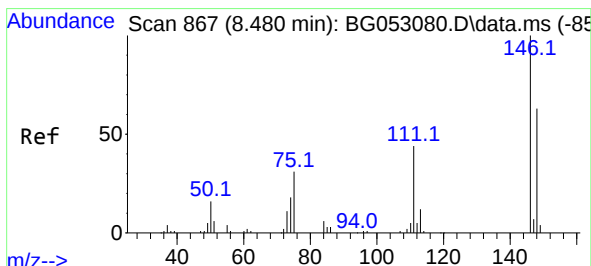
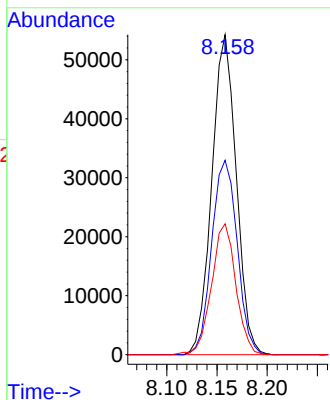
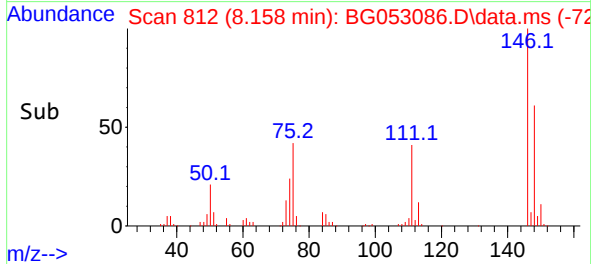
Instrument :
BNA_G
ClientSampleId :
PB143914BS



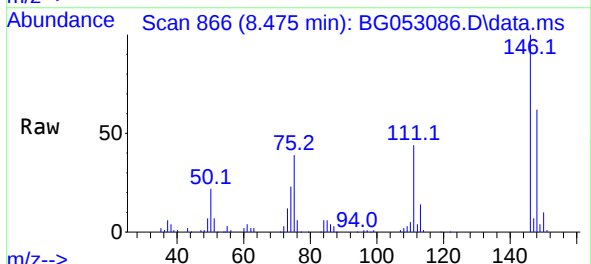
Tgt Ion:146 Resp: 91879
Ion Ratio Lower Upper
146 100
148 60.8 50.0 75.0
111 40.9 31.0 46.4

Manual Integrations
APPROVED

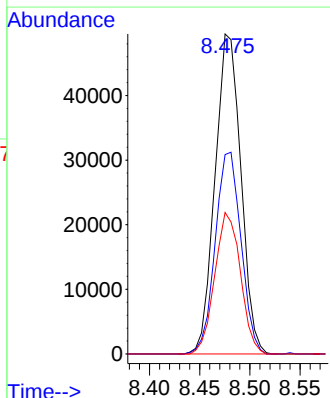
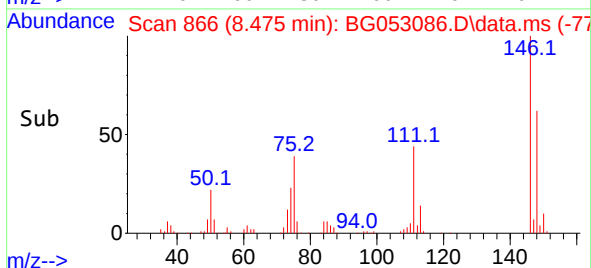
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

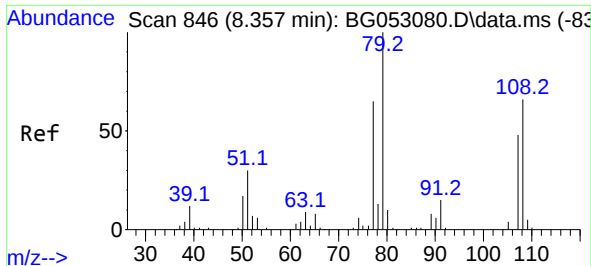


#14
1,2-Dichlorobenzene
Concen: 45.516 ng
RT: 8.475 min Scan# 866
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:146 Resp: 88586
Ion Ratio Lower Upper
146 100
148 62.3 51.0 76.6
111 44.2 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.312 ng
RT: 8.352 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

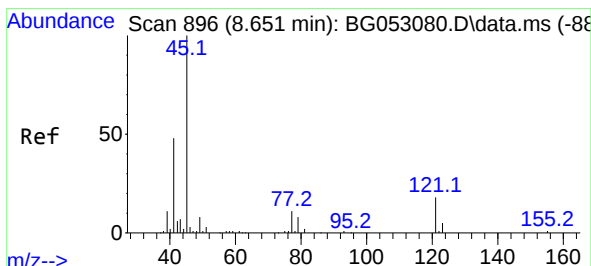
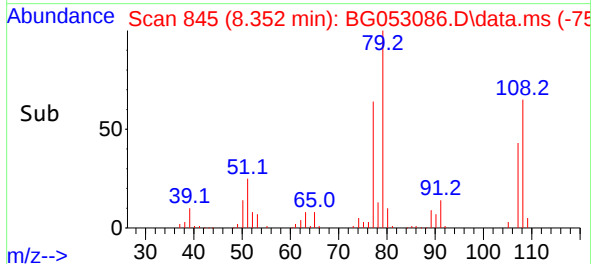
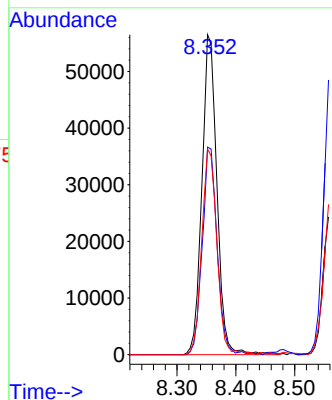
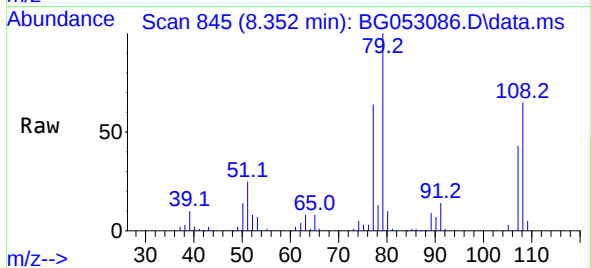
PB143914BS

Tgt Ion: 79 Resp: 100170
Ion Ratio Lower Upper
79 100
108 64.8 55.1 82.7
77 64.3 52.4 78.6

Manual Integrations

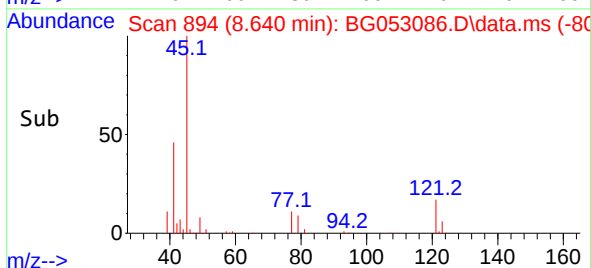
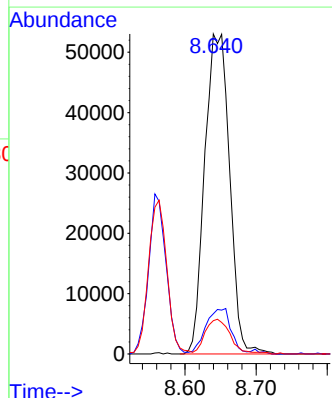
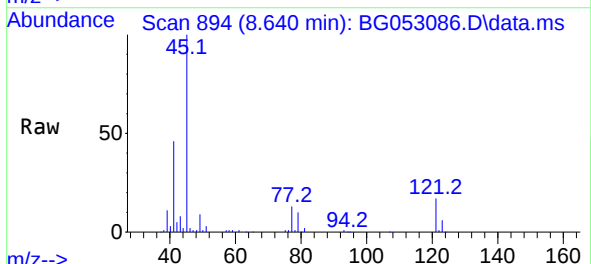
APPROVED

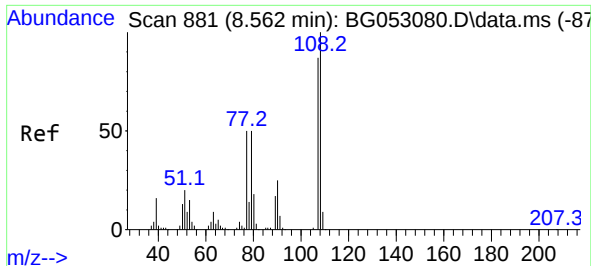
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.317 ng
RT: 8.640 min Scan# 894
Delta R.T. -0.011 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion: 45 Resp: 129195
Ion Ratio Lower Upper
45 100
77 12.6 0.0 34.9
79 10.4 0.0 30.7





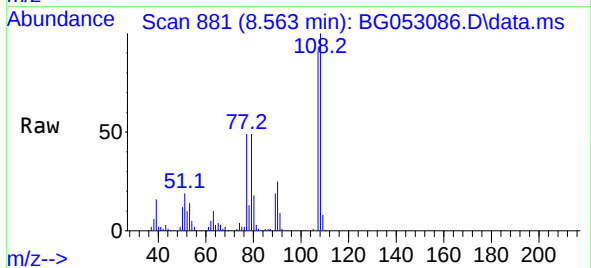
#17
2-Methylphenol
Concen: 47.962 ng
RT: 8.563 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

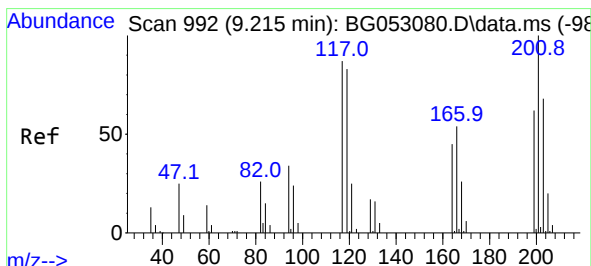
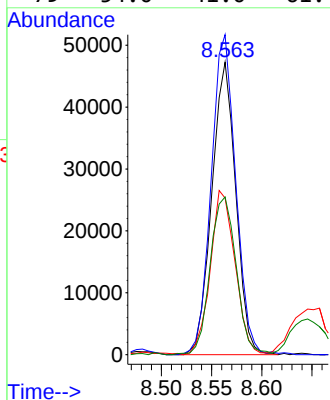
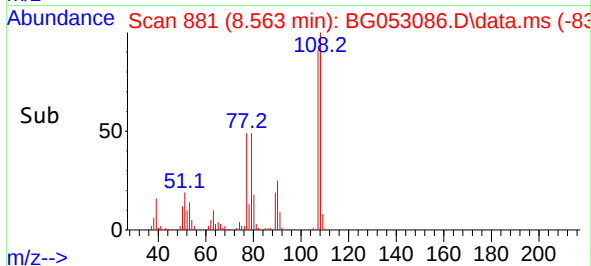


Tgt Ion:107 Resp: 78620
Ion Ratio Lower Upper
107 100
108 109.4 91.5 137.3
77 53.5 42.5 63.7
79 54.0 41.0 61.4

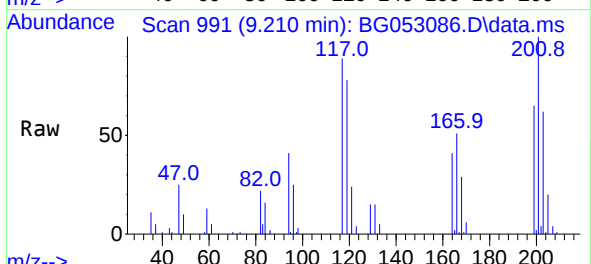
Manual Integrations

APPROVED

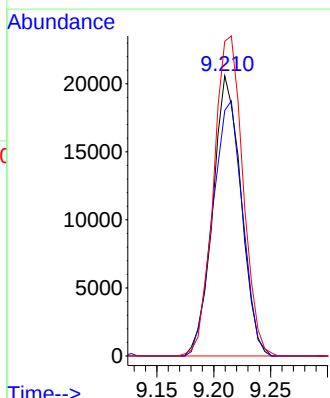
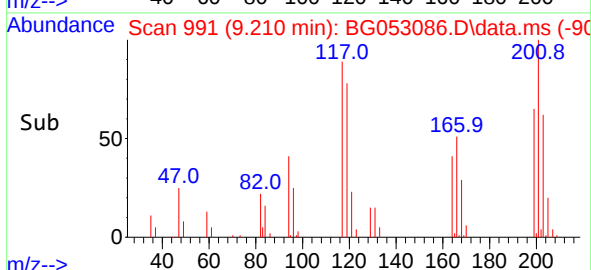
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

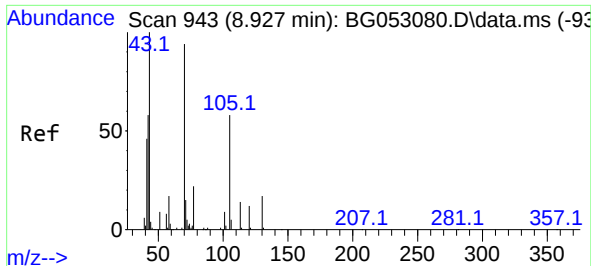


#18
Hexachloroethane
Concen: 46.866 ng
RT: 9.210 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:117 Resp: 35470
Ion Ratio Lower Upper
117 100
119 87.6 75.1 112.7
201 112.3 96.6 145.0





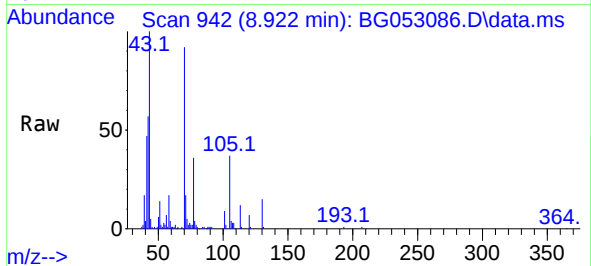
#19
n-Nitroso-di-n-propylamine
Concen: 43.670 ng
RT: 8.922 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

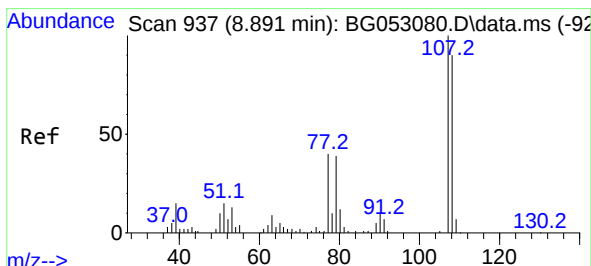
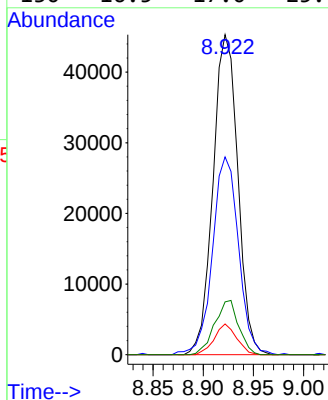
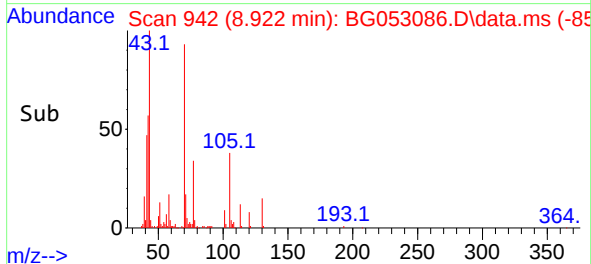


Tgt Ion: 70 Resp: 77800
Ion Ratio Lower Upper
70 100
42 61.8 46.0 69.0
101 9.6 6.2 9.4
130 16.5 17.0 25.4

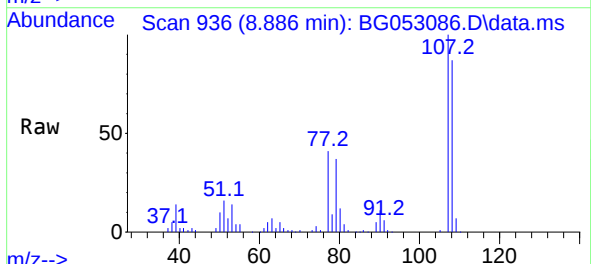
Manual Integrations

APPROVED

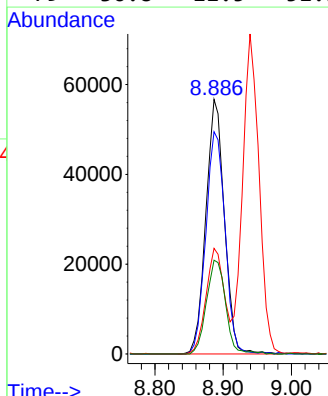
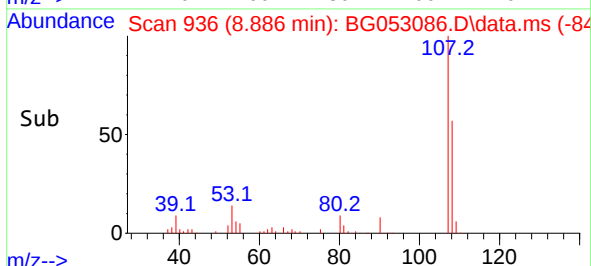
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

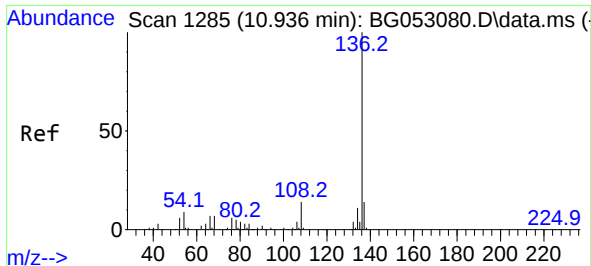


#20
3+4-Methylphenols
Concen: 46.328 ng
RT: 8.886 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:107 Resp: 107203
Ion Ratio Lower Upper
107 100
108 87.3 64.8 104.8
77 41.5 15.9 55.9
79 36.8 11.5 51.5





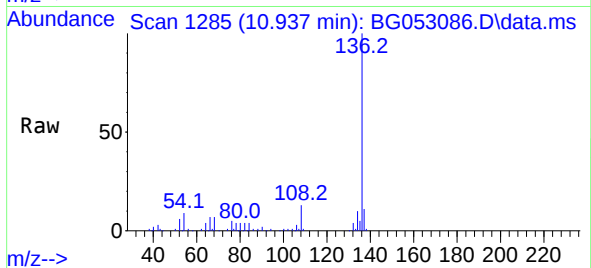
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 11143
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

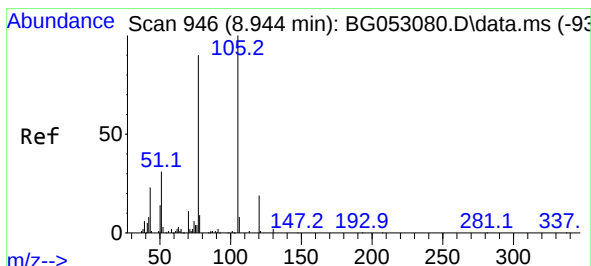
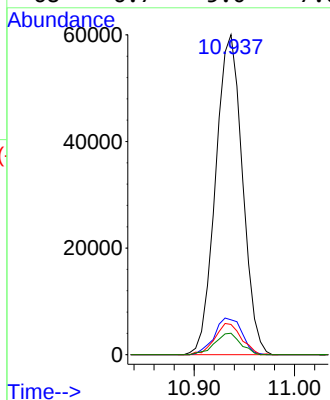
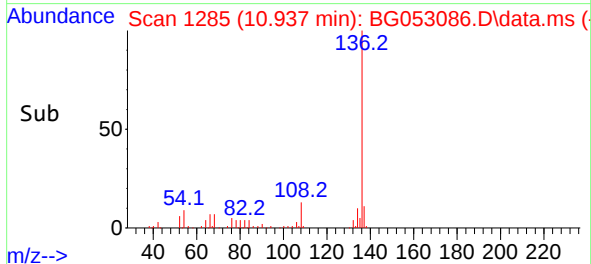


Tgt Ion:	136	Resp:	11143
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.2
54	9.4	6.4	9.6
68	6.7	5.0	7.6

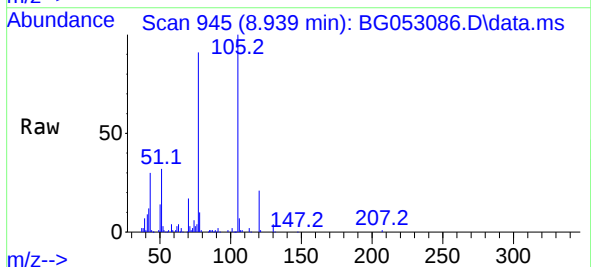
Manual Integrations

APPROVED

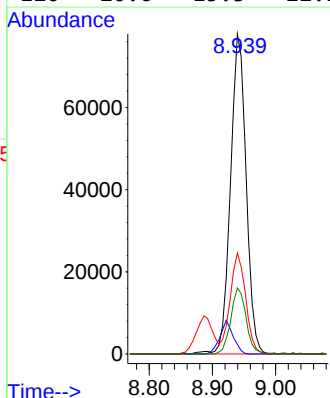
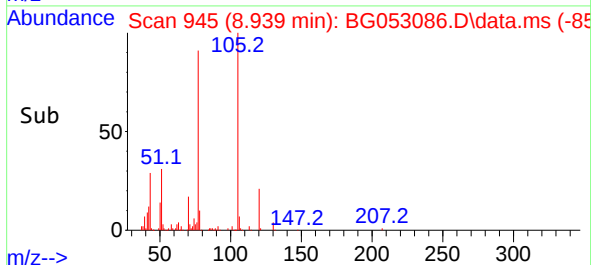
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

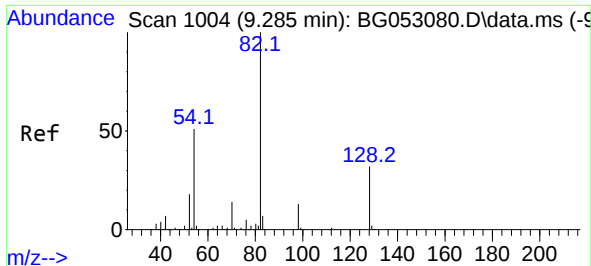


#22
Acetophenone
Concen: 43.349 ng
RT: 8.939 min Scan# 945
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



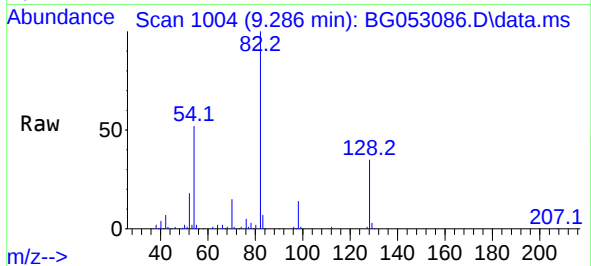
Tgt Ion:	105	Resp:	134017
Ion Ratio	Lower	Upper	
105	100		
71	3.0	2.1	3.1
51	31.5	21.9	32.9
120	20.6	15.3	22.9





#23
Nitrobenzene-d5
Concen: 81.073 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

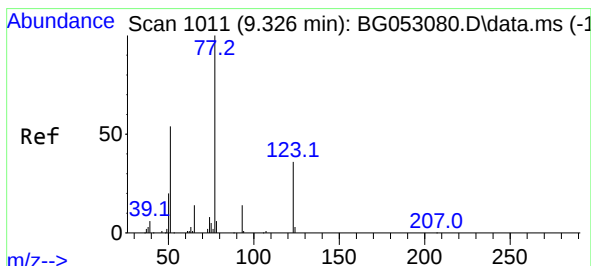
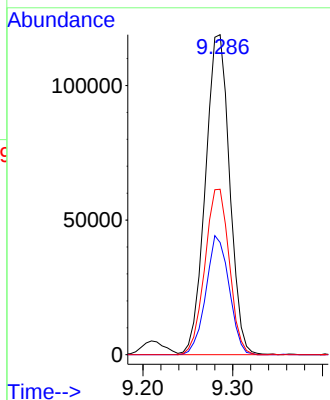
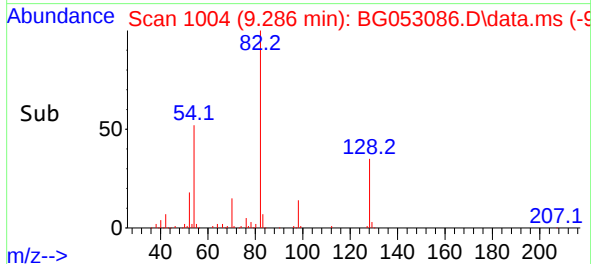
Instrument :
BNA_G
ClientSampleId :
PB143914BS



Tgt Ion: 82 Resp: 22250
Ion Ratio Lower Upper
82 100
128 35.1 31.3 46.9
54 51.7 37.8 56.8

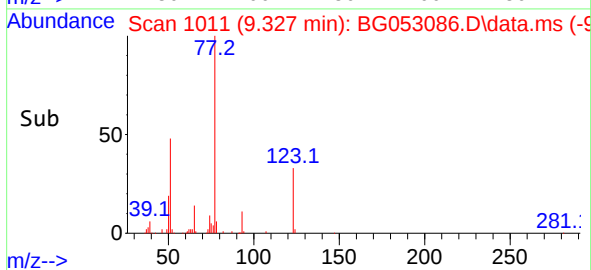
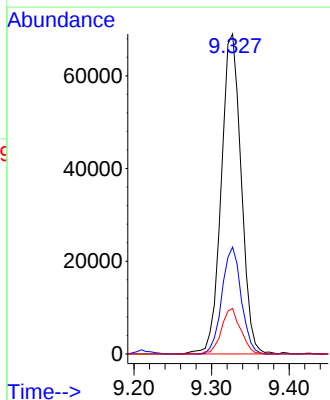
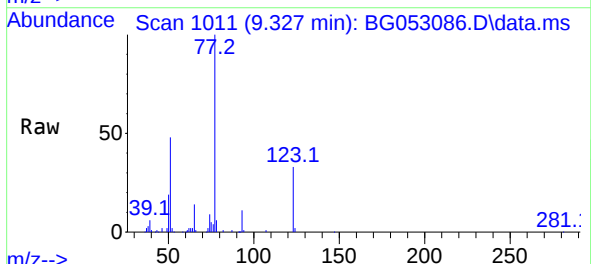
Manual Integrations
APPROVED

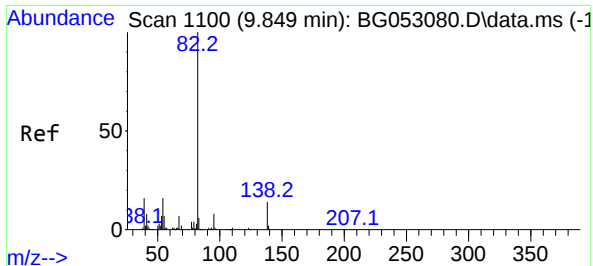
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#24
Nitrobenzene
Concen: 46.076 ng
RT: 9.327 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion: 77 Resp: 123002
Ion Ratio Lower Upper
77 100
123 33.4 34.4 51.6#
65 14.2 11.2 16.8





#25
Isophorone
Concen: 45.666 ng
RT: 9.850 min Scan# 1100
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

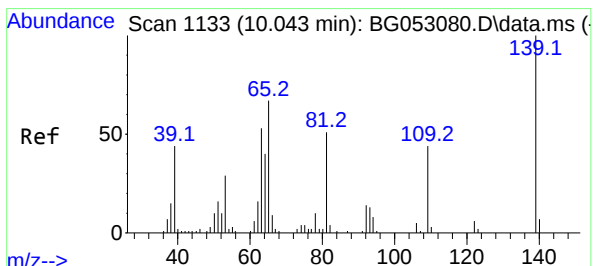
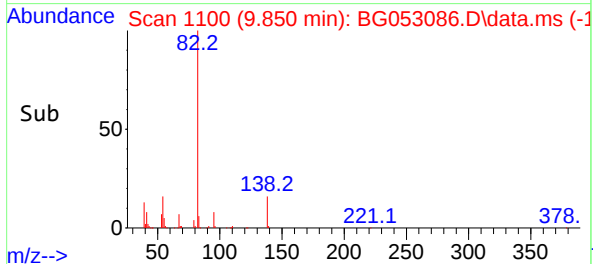
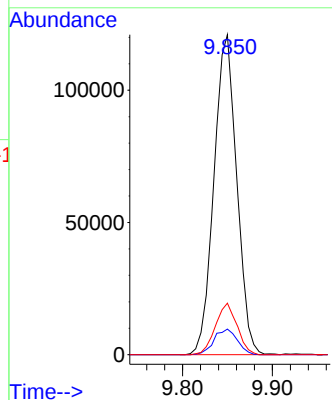
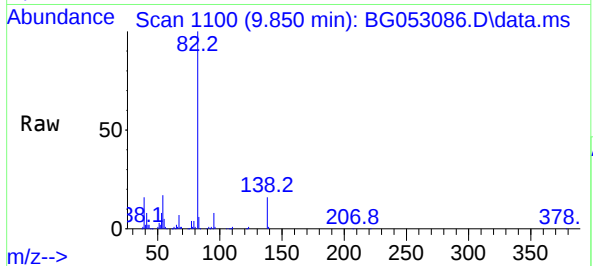
PB143914BS

Tgt Ion: 82 Resp: 21302
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 16.1 12.6 18.8

Manual Integrations

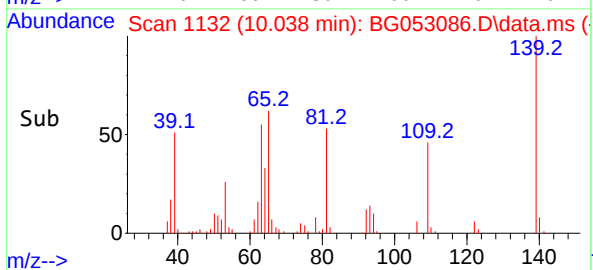
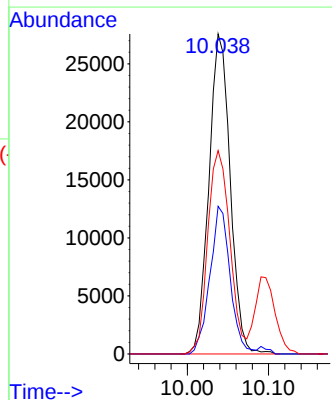
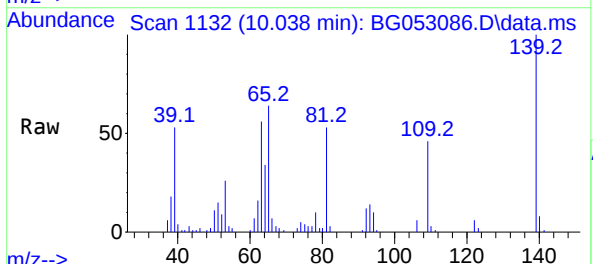
APPROVED

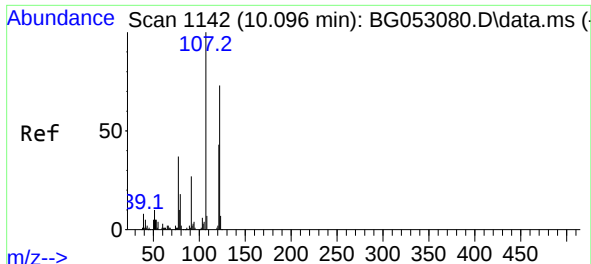
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#26
2-Nitrophenol
Concen: 44.900 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:139 Resp: 50121
Ion Ratio Lower Upper
139 100
109 46.2 29.4 44.0#
65 63.6 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 53.502 ng
RT: 10.097 min Scan# 1142
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

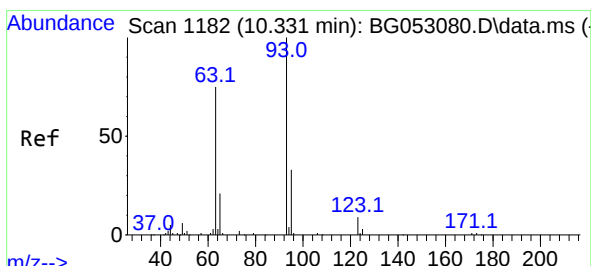
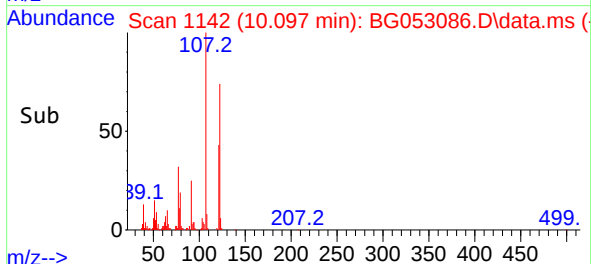
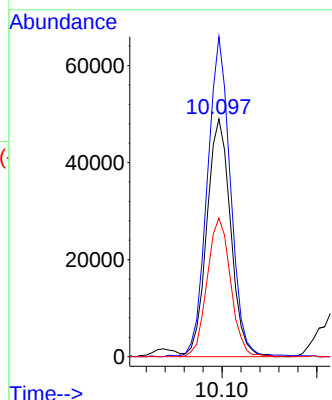
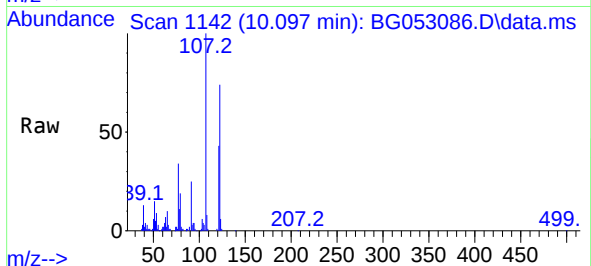
PB143914BS

Tgt Ion:122 Resp: 85534
Ion Ratio Lower Upper
122 100
107 134.6 96.7 145.1
121 58.3 46.3 69.5

Manual Integrations

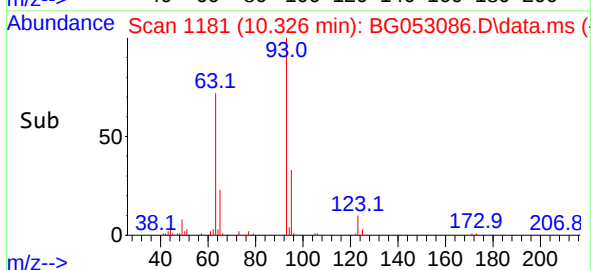
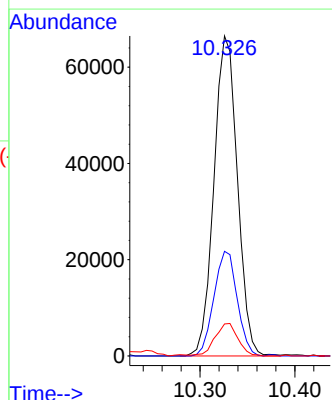
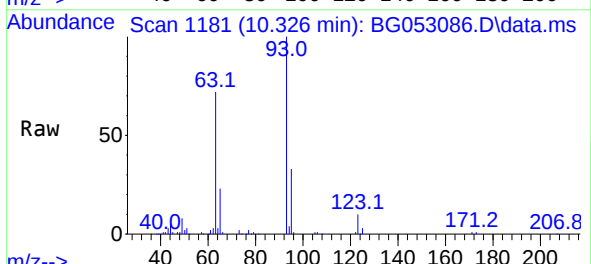
APPROVED

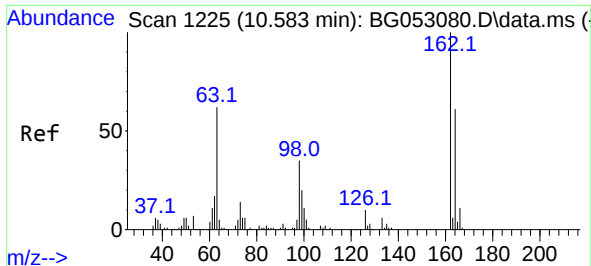
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.665 ng
RT: 10.326 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion: 93 Resp: 114435
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.0 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 45.861 ng
RT: 10.578 min Scan# 1224
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

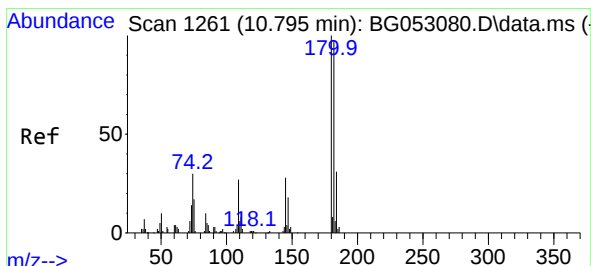
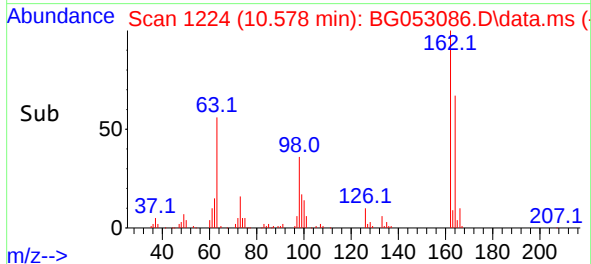
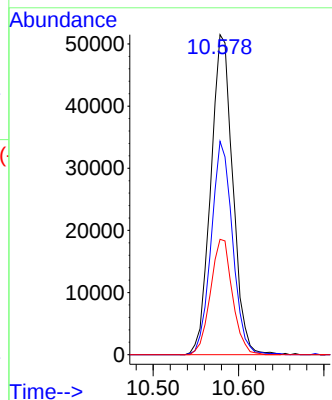
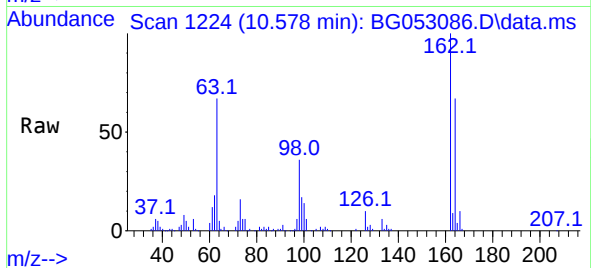
PB143914BS

Tgt Ion:162 Resp: 9217
Ion Ratio Lower Upper
162 100
164 66.7 44.0 84.0
98 36.1 17.3 57.3

Manual Integrations

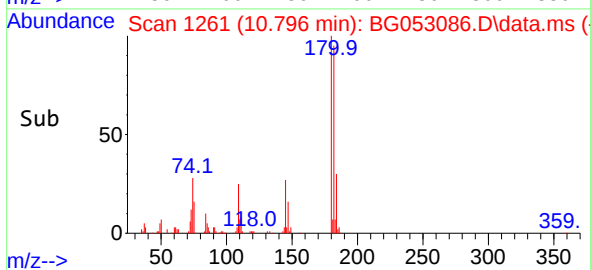
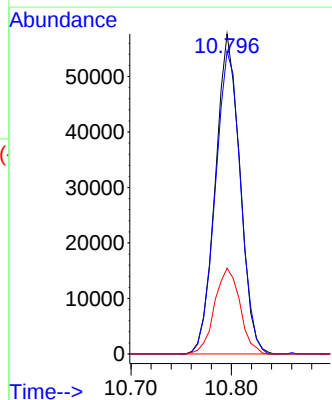
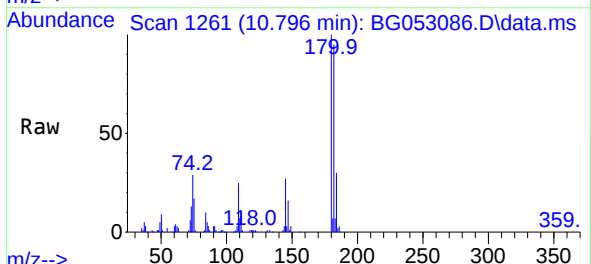
APPROVED

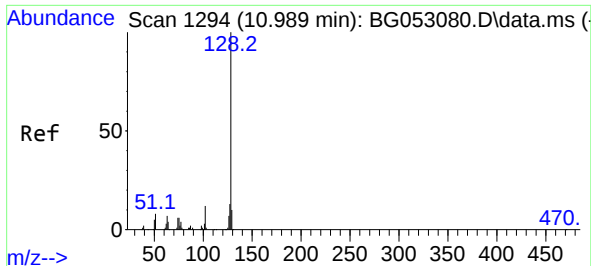
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#30
1,2,4-Trichlorobenzene
Concen: 42.997 ng
RT: 10.796 min Scan# 1261
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

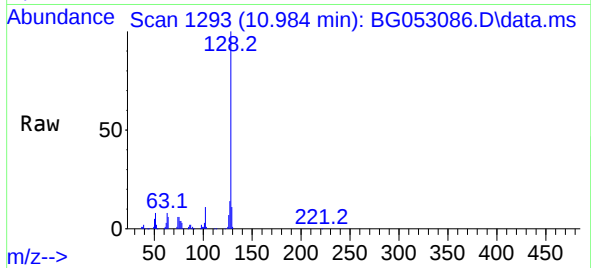
Tgt Ion:180 Resp: 97805
Ion Ratio Lower Upper
180 100
182 94.6 77.8 116.6
145 26.8 24.4 36.6





#31
Naphthalene
Concen: 43.996 ng
RT: 10.984 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

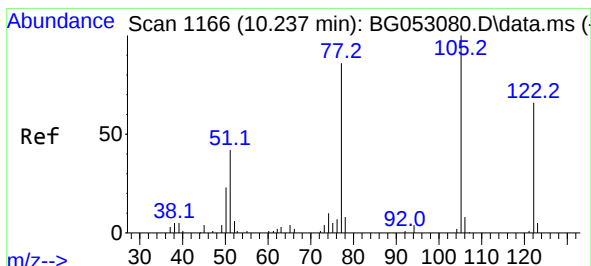
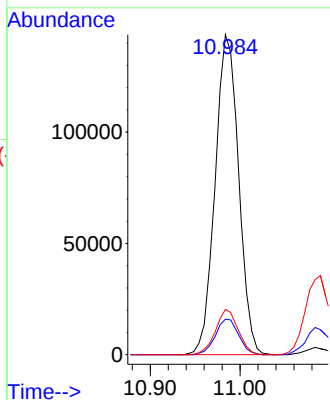
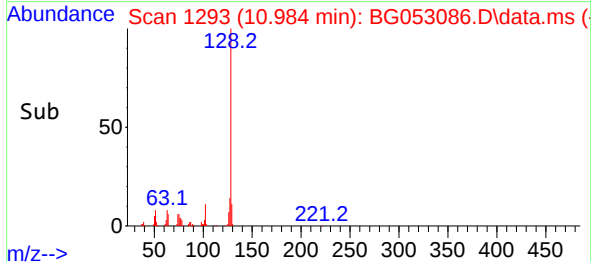
Instrument :
BNA_G
ClientSampleId :
PB143914BS



Tgt Ion:128 Resp: 26157
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 14.2 10.5 15.7

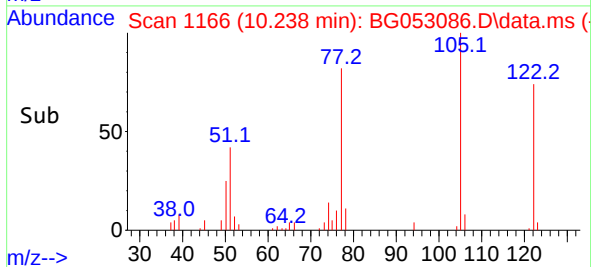
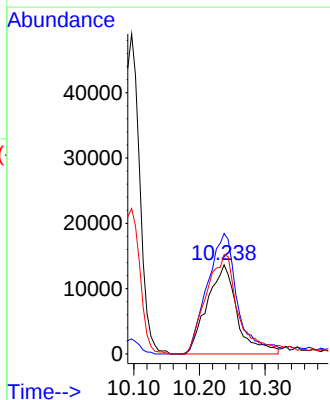
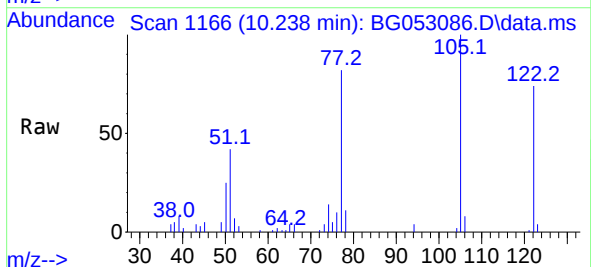
Manual Integrations
APPROVED

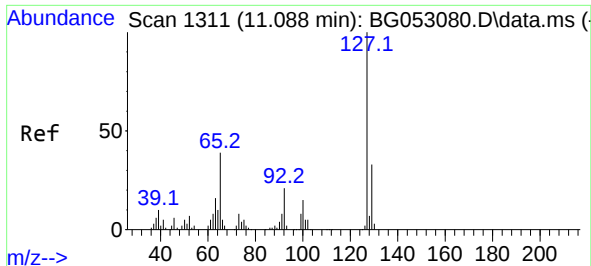
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#32
Benzoic acid
Concen: 42.213 ng
RT: 10.238 min Scan# 1166
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:122 Resp: 43429
Ion Ratio Lower Upper
122 100
105 135.2 112.8 152.8
77 111.4 78.4 118.4





#33
4-Chloroaniline
Concen: 27.370 ng
RT: 11.089 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

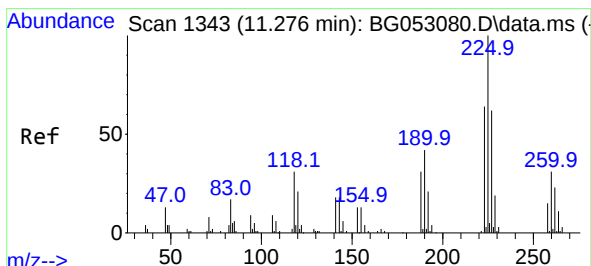
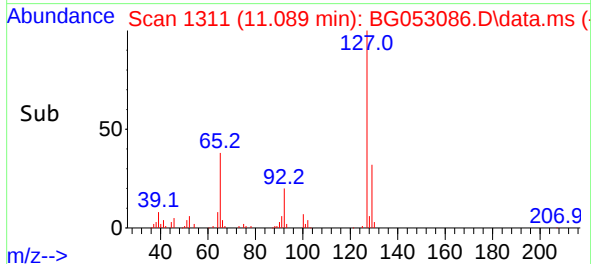
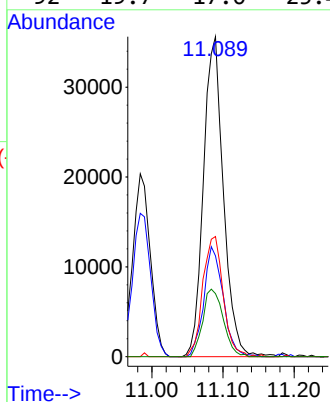
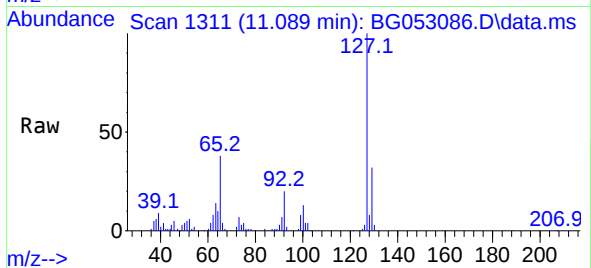
PB143914BS

Tgt Ion:127 Resp: 6968
Ion Ratio Lower Upper
127 100
129 31.5 27.6 41.4
65 37.5 28.2 42.4
92 19.7 17.0 25.4

Manual Integrations

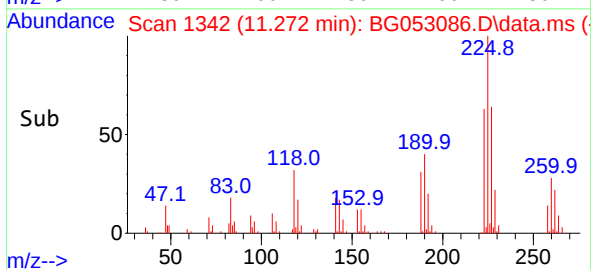
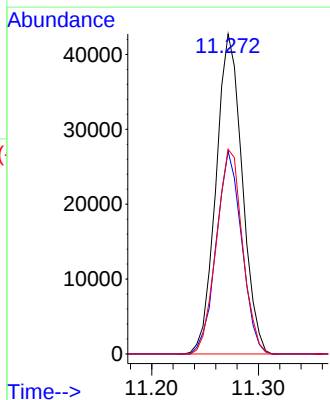
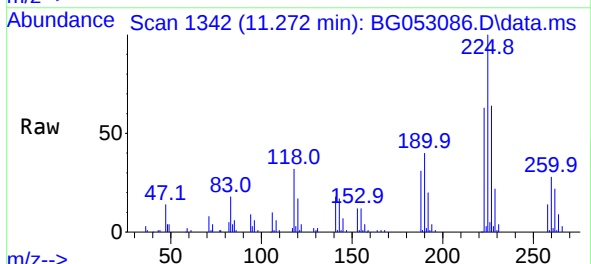
APPROVED

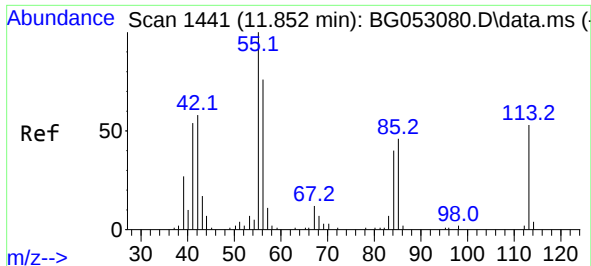
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#34
Hexachlorobutadiene
Concen: 43.145 ng
RT: 11.272 min Scan# 1342
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

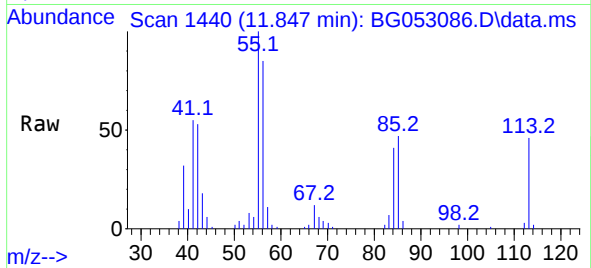
Tgt Ion:225 Resp: 72902
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 64.0 52.0 78.0





#35
Caprolactam
Concen: 44.962 ng m
RT: 11.847 min Scan# 14
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

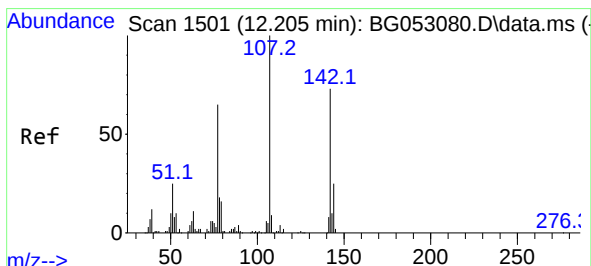
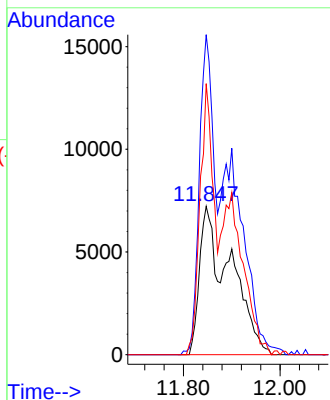
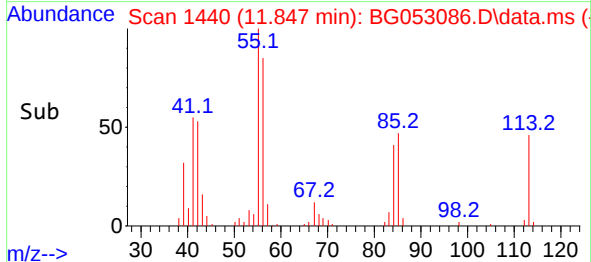
Instrument :
BNA_G
ClientSampleId :
PB143914BS



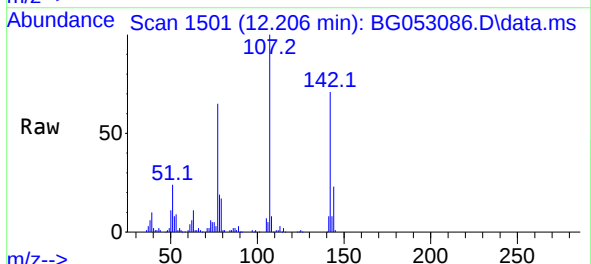
Tgt Ion:113 Resp: 3185
Ion Ratio Lower Upper
113 100
55 215.7 151.3 191.3
56 182.6 128.5 168.5

Manual Integrations
APPROVED

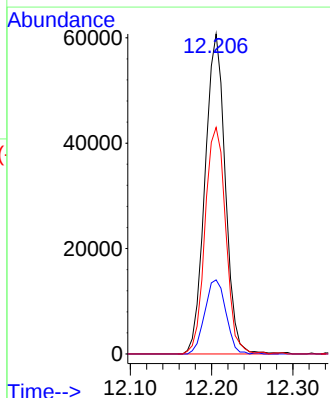
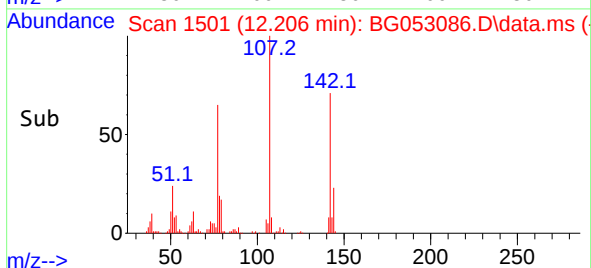
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

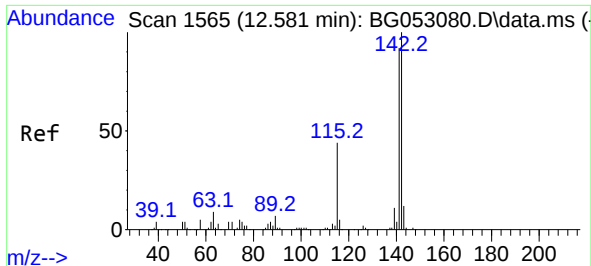


#36
4-Chloro-3-methylphenol
Concen: 44.922 ng
RT: 12.206 min Scan# 1501
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:107 Resp: 105109
Ion Ratio Lower Upper
107 100
144 23.1 21.4 32.0
142 70.8 61.7 92.5





#37

2-Methylnaphthalene

Concen: 42.680 ng

RT: 12.581 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053086.D

Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

Tgt Ion:142 Resp: 187764

Ion Ratio Lower Upper

142 100

141 90.3 71.3 106.9

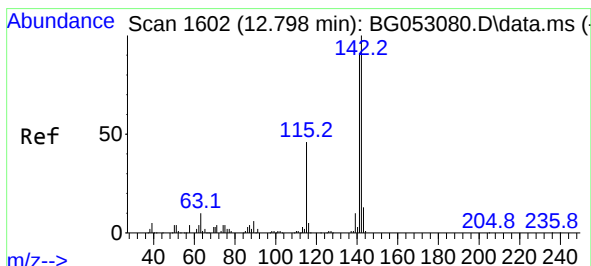
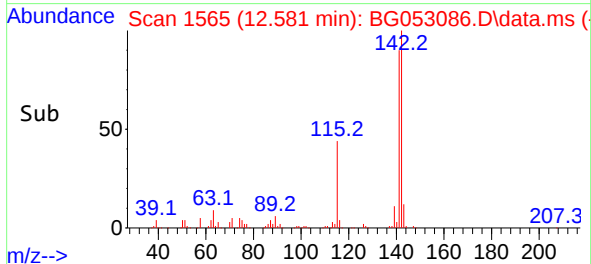
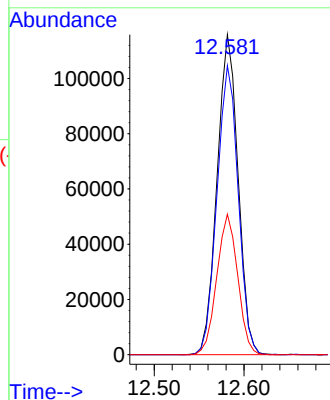
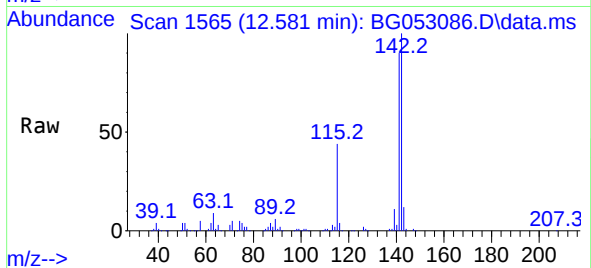
115 43.9 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#38

1-Methylnaphthalene

Concen: 42.899 ng m

RT: 12.799 min Scan# 1602

Delta R.T. 0.001 min

Lab File: BG053086.D

Acq: 8 Apr 2022 16:22

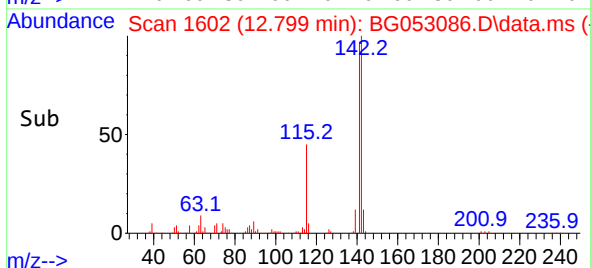
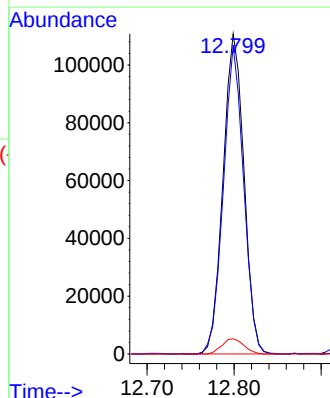
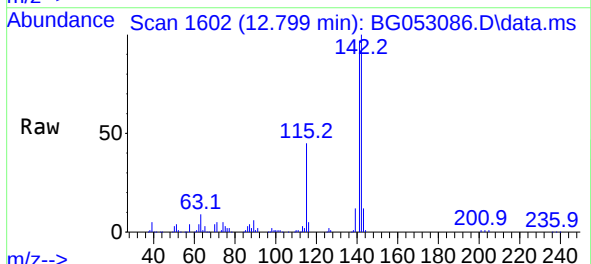
Tgt Ion:142 Resp: 184219

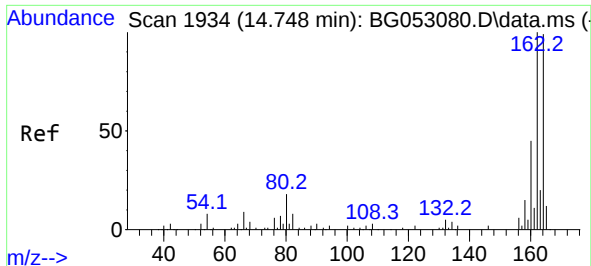
Ion Ratio Lower Upper

142 100

141 96.5 70.5 105.7

116 4.7 3.1 4.7#





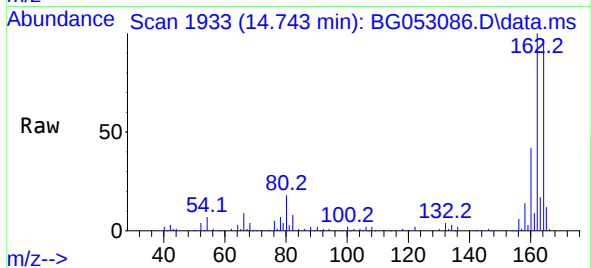
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

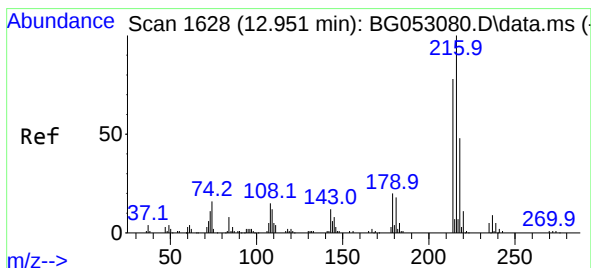
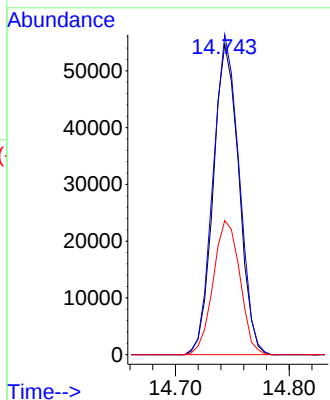
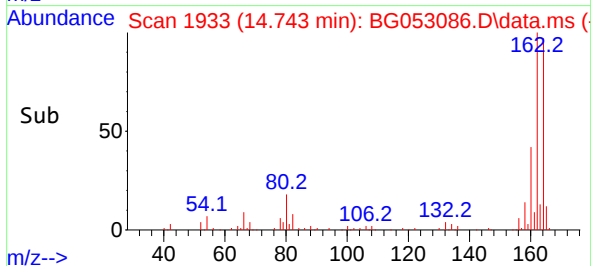


Tgt Ion:164 Resp: 85699
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 43.2 38.8 58.2

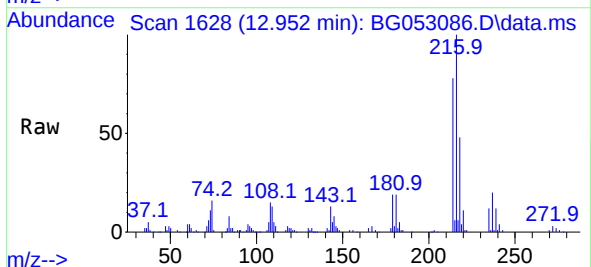
Manual Integrations

APPROVED

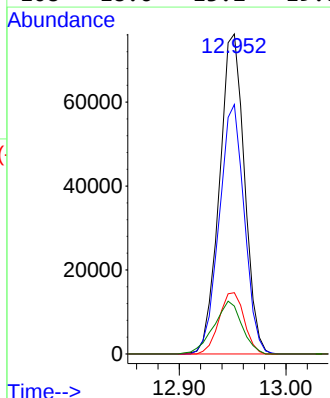
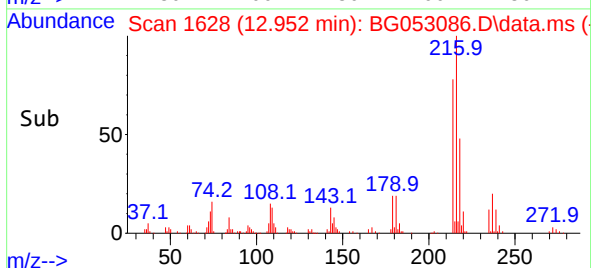
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

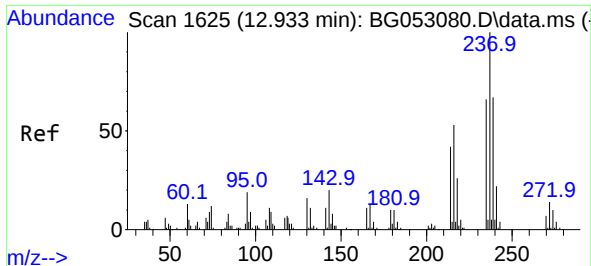


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.596 ng
RT: 12.952 min Scan# 1628
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:216 Resp: 123983
Ion Ratio Lower Upper
216 100
214 78.2 63.8 95.6
179 19.3 15.7 23.5
108 18.6 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 108.501 ng
RT: 12.928 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

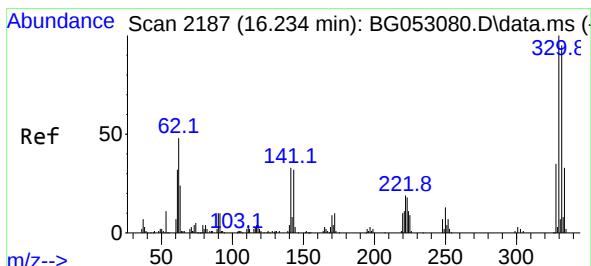
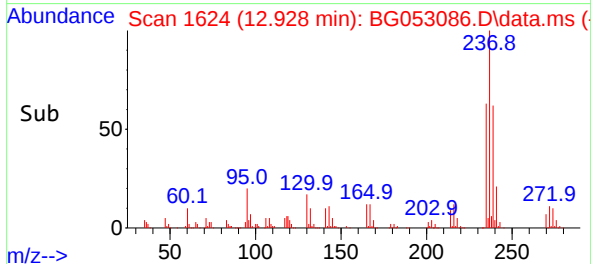
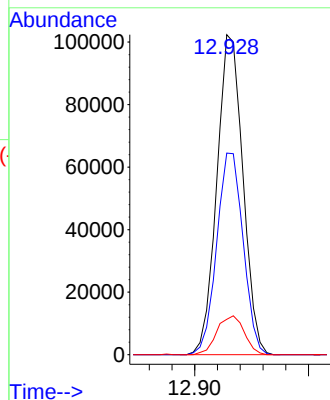
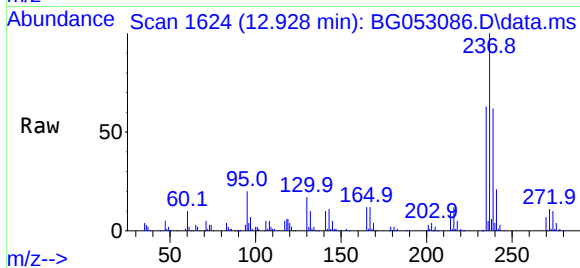
PB143914BS

Tgt Ion:237 Resp: 163020
Ion Ratio Lower Upper
237 100
235 63.0 37.7 77.7
272 11.0 0.0 30.7

Manual Integrations

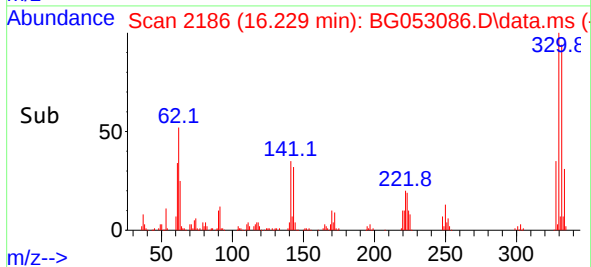
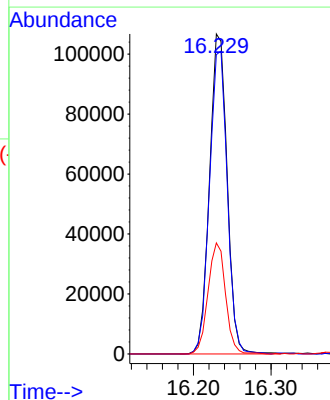
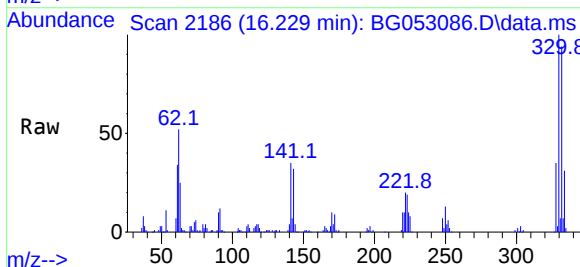
APPROVED

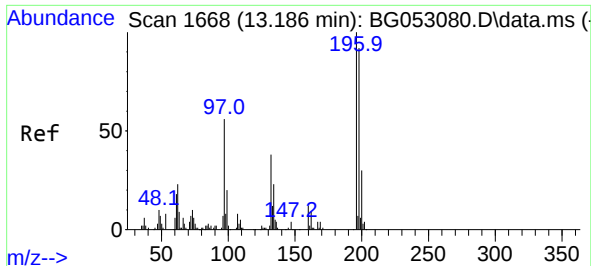
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#42
2,4,6-Tribromophenol
Concen: 123.306 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:330 Resp: 168120
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 34.6 24.6 36.8





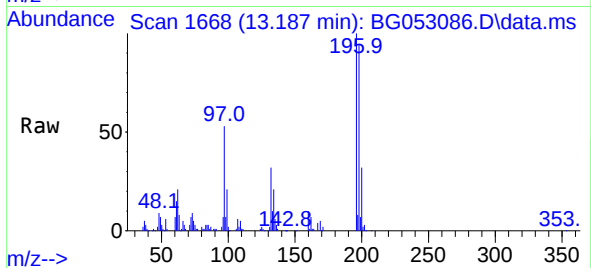
#43
2,4,6-Trichlorophenol
Concen: 43.202 ng
RT: 13.187 min Scan# 1668
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

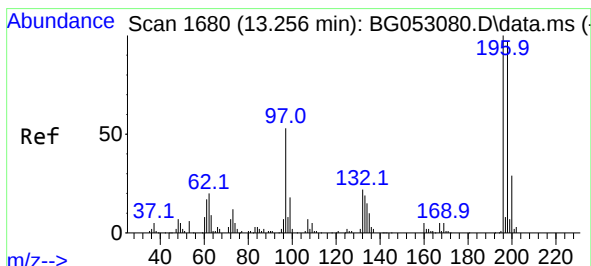
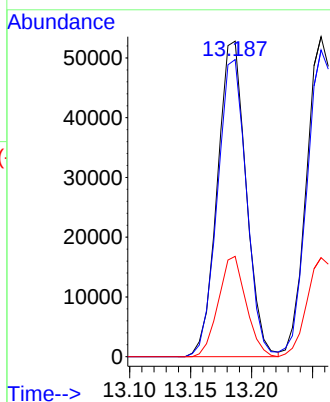
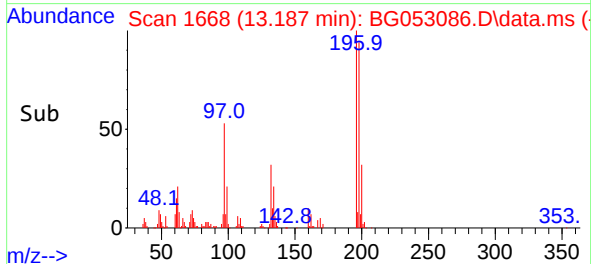


Tgt Ion:196 Resp: 8669
Ion Ratio Lower Upper
196 100
198 94.2 78.8 118.2
200 31.8 25.1 37.7

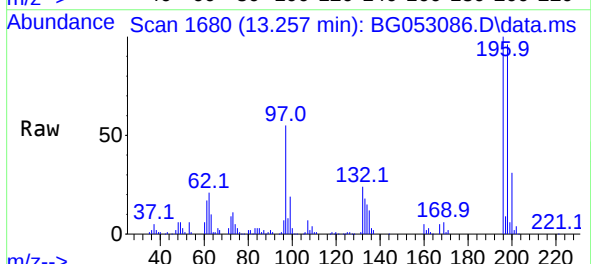
Manual Integrations

APPROVED

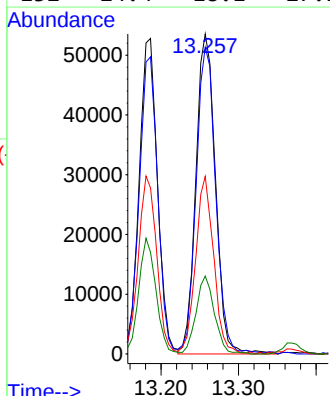
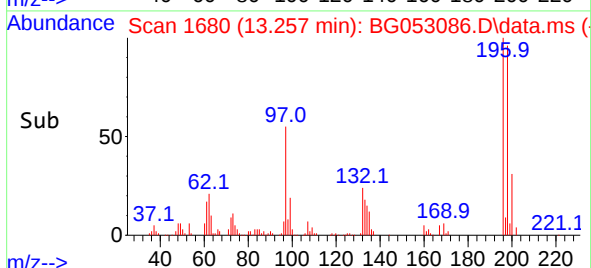
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

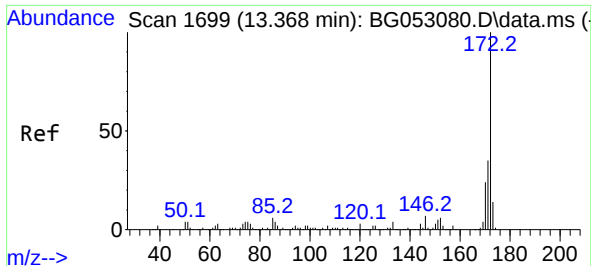


#44
2,4,5-Trichlorophenol
Concen: 43.934 ng
RT: 13.257 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:196 Resp: 93951
Ion Ratio Lower Upper
196 100
198 95.8 75.8 113.6
97 55.5 36.5 54.7#
132 24.4 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 79.813 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

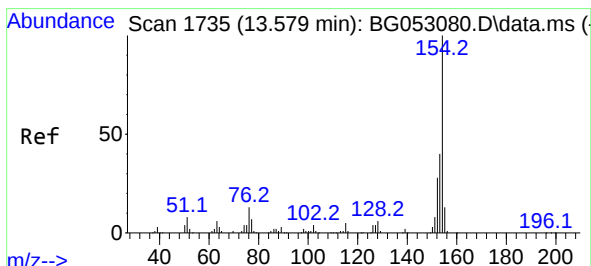
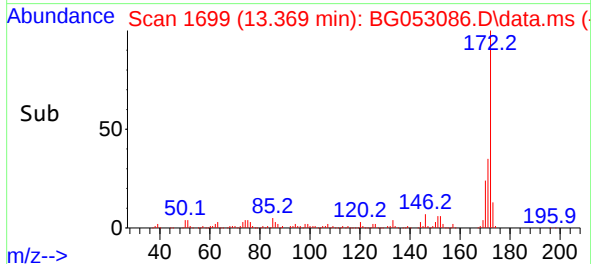
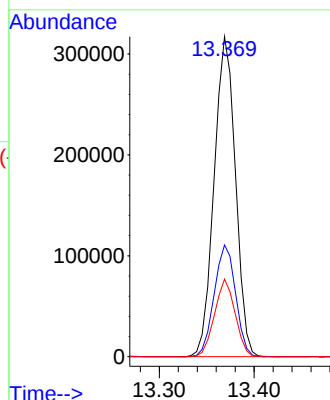
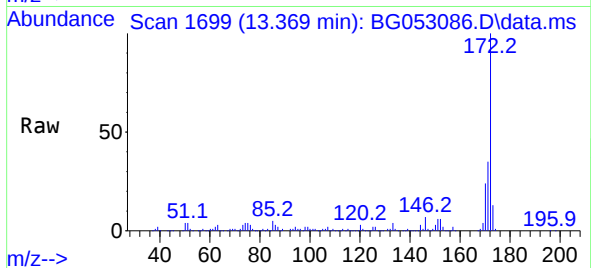
PB143914BS

Tgt Ion:172 Resp: 49604
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 24.2 18.0 27.0

Manual Integrations

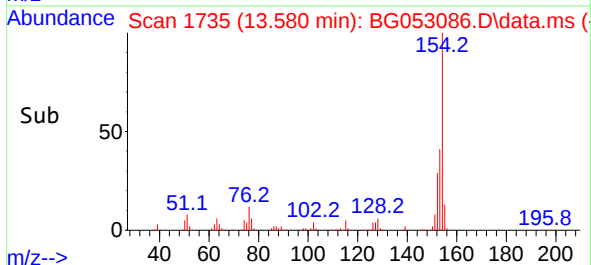
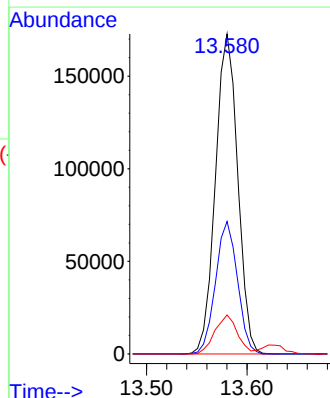
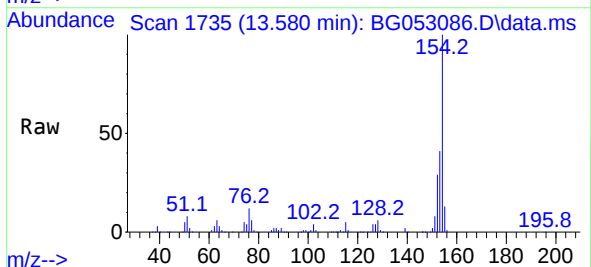
APPROVED

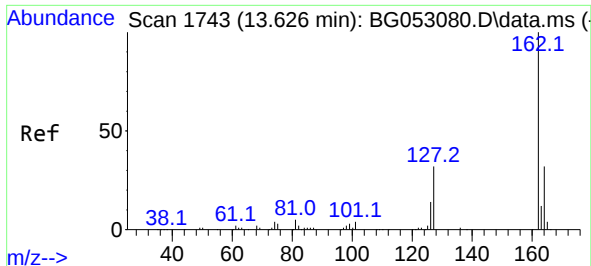
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#46
1,1'-Biphenyl
Concen: 43.065 ng
RT: 13.580 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:154 Resp: 265777
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 12.2 0.0 31.5





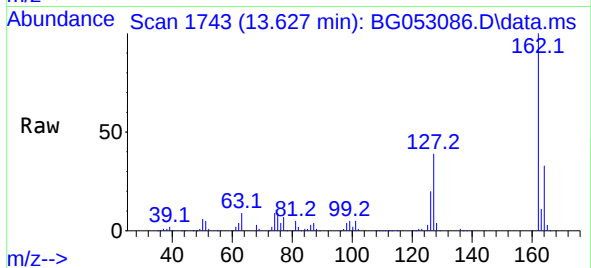
#47
2-Chloronaphthalene
Concen: 41.921 ng
RT: 13.627 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

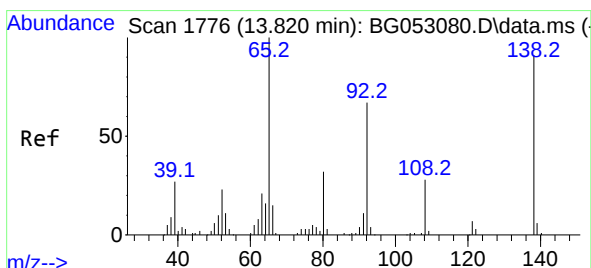
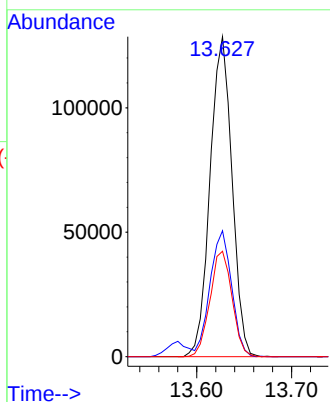
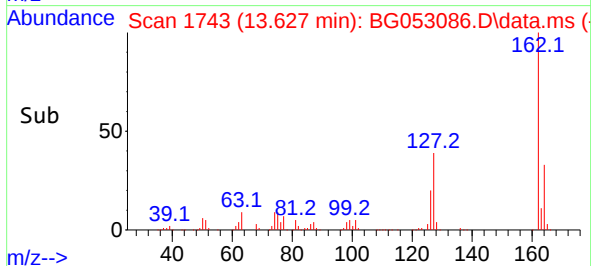


Tgt Ion:162 Resp: 206409
Ion Ratio Lower Upper
162 100
127 39.3 28.1 42.1
164 33.0 26.0 39.0

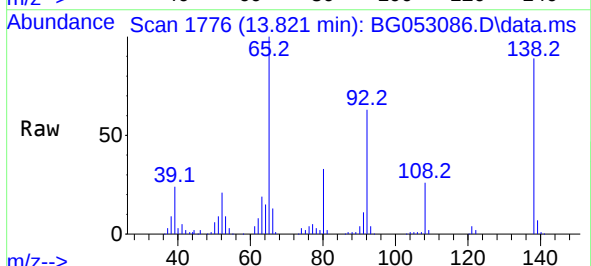
Manual Integrations

APPROVED

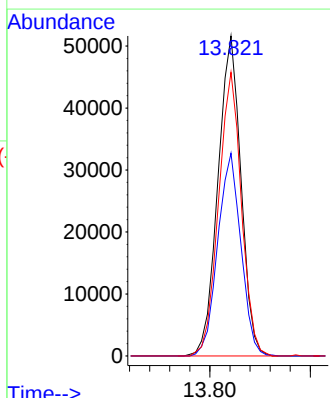
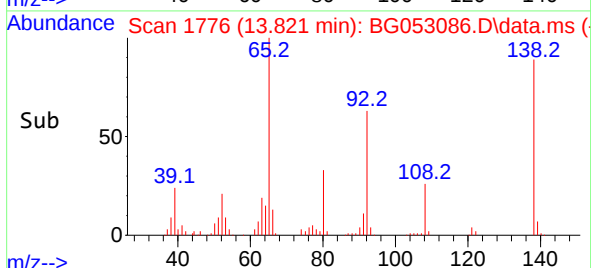
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

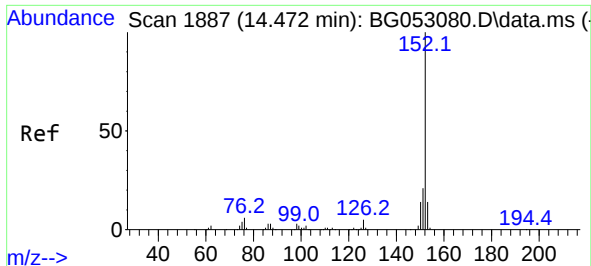


#48
2-Nitroaniline
Concen: 43.903 ng
RT: 13.821 min Scan# 1776
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion: 65 Resp: 82035
Ion Ratio Lower Upper
65 100
92 63.4 52.1 78.1
138 88.6 80.1 120.1





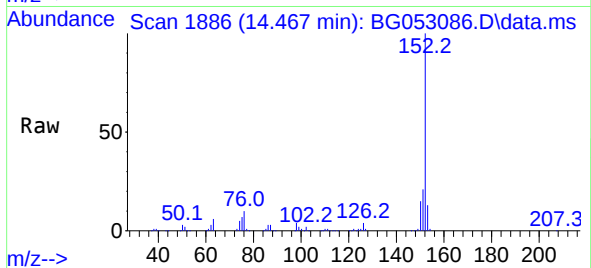
#49
Acenaphthylene
Concen: 45.807 ng
RT: 14.467 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

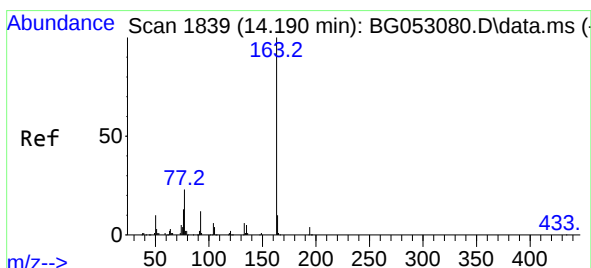
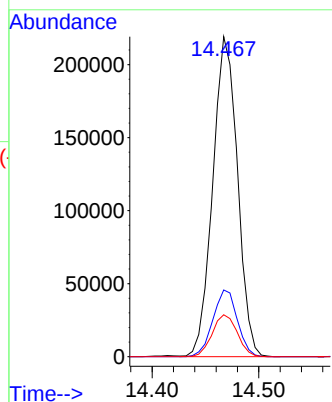
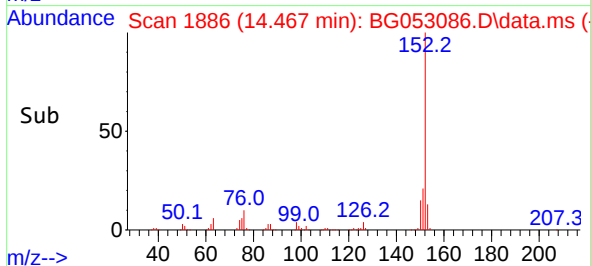


Tgt Ion:152 Resp: 353062
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.6
153 13.1 10.6 15.8

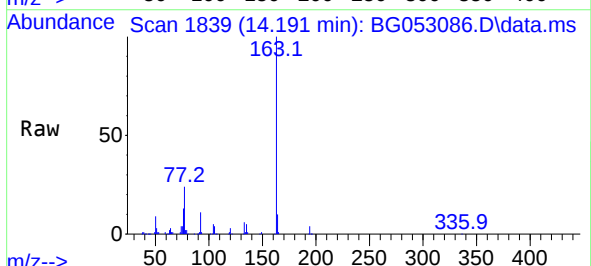
Manual Integrations

APPROVED

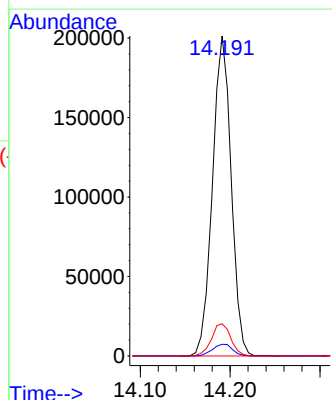
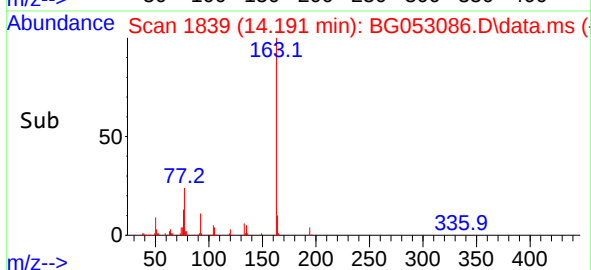
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

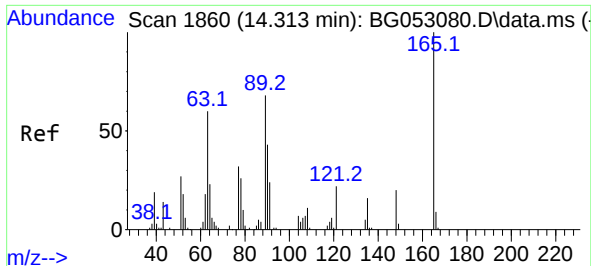


#50
Dimethylphthalate
Concen: 42.394 ng
RT: 14.191 min Scan# 1839
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:163 Resp: 290594
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 8.5 12.7





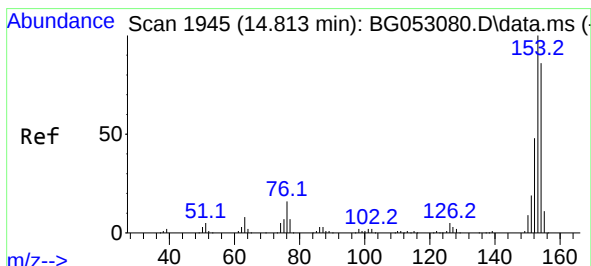
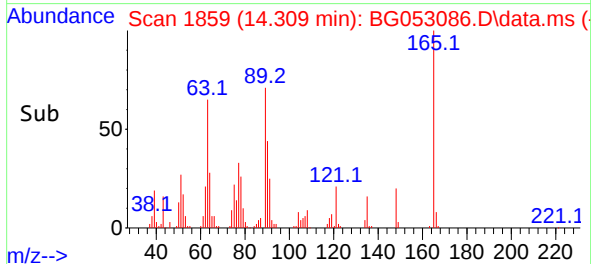
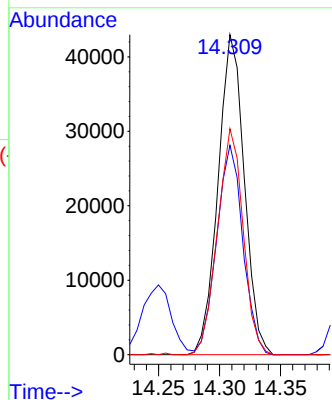
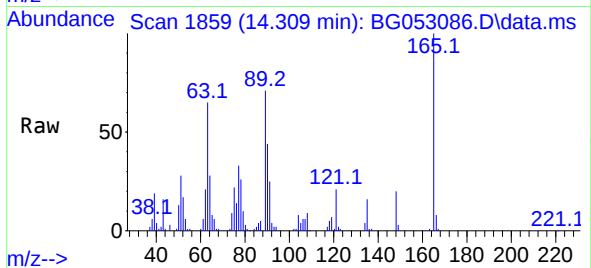
#51
2,6-Dinitrotoluene
Concen: 45.019 ng
RT: 14.309 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :
BNA_G
ClientSampleId :
PB143914BS

Tgt Ion:165 Resp: 6437
Ion Ratio Lower Upper
165 100
63 65.5 43.7 65.5
89 70.6 45.0 67.4

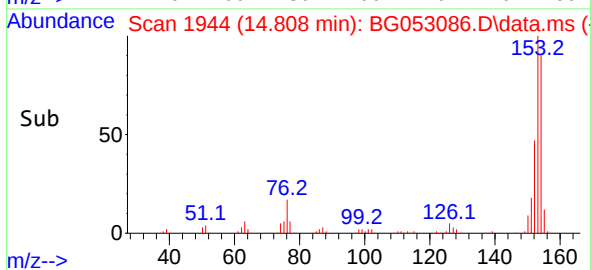
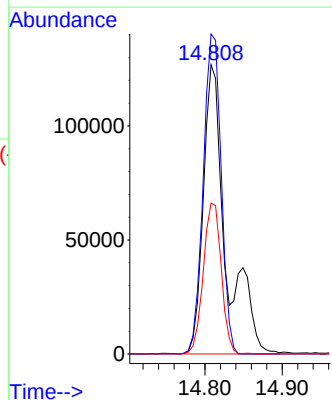
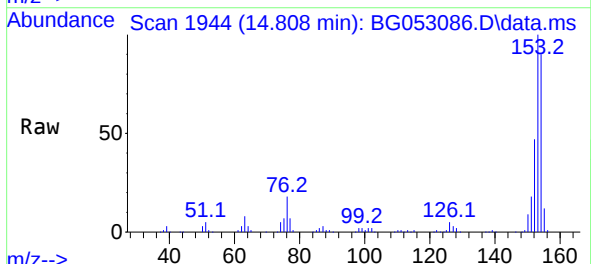
Manual Integrations
APPROVED

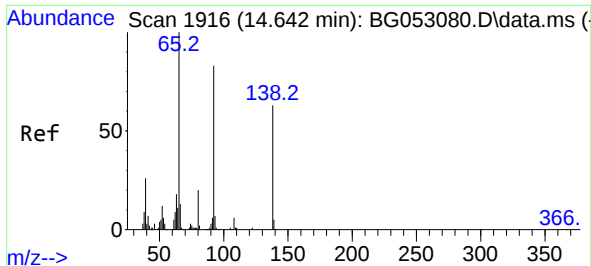
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#52
Acenaphthene
Concen: 49.701 ng m
RT: 14.808 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

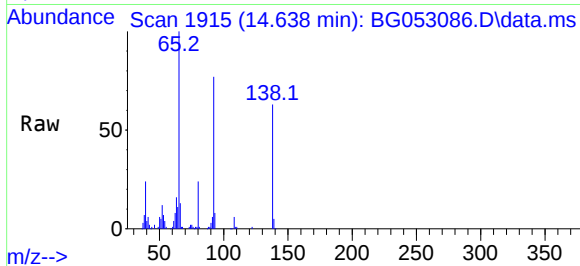
Tgt Ion:154 Resp: 259783
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.4
152 52.2 40.5 60.7





#53
3-Nitroaniline
Concen: 31.412 ng
RT: 14.638 min Scan# 1916
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

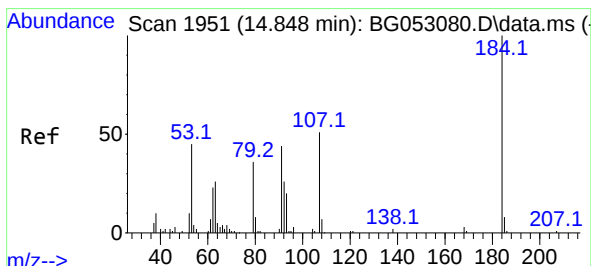
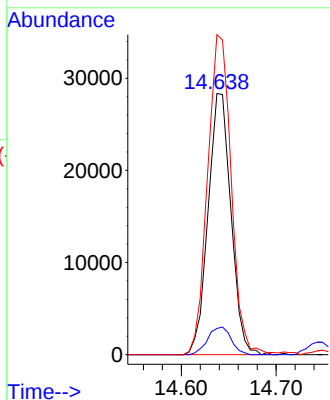
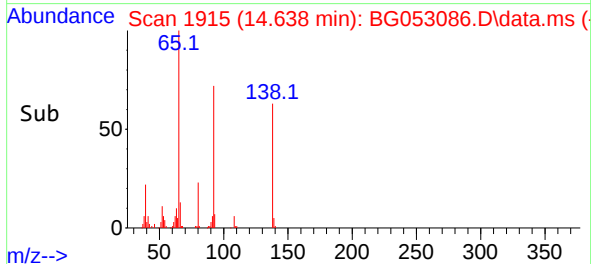
Instrument :
BNA_G
ClientSampleId :
PB143914BS



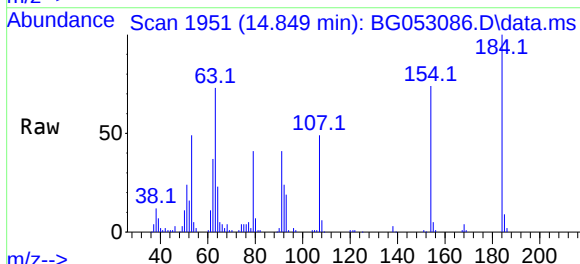
Tgt Ion:138 Resp: 4749
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 122.6 96.2 144.2

Manual Integrations
APPROVED

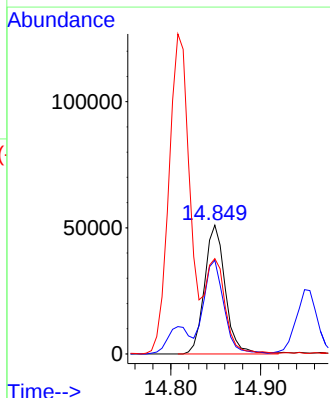
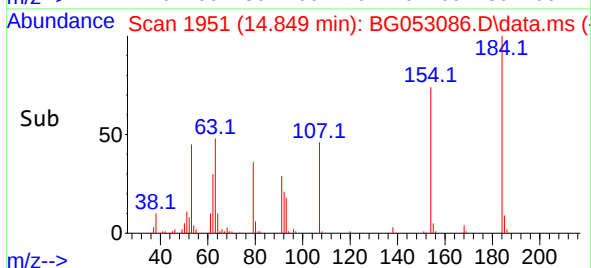
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

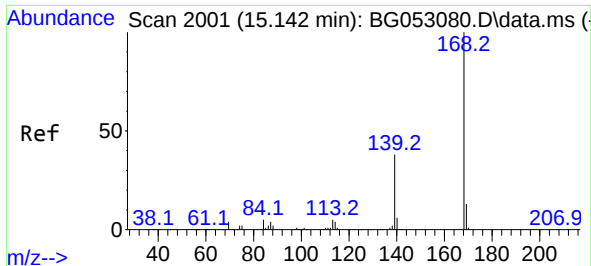


#54
2,4-Dinitrophenol
Concen: 89.621 ng
RT: 14.849 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:184 Resp: 81544
Ion Ratio Lower Upper
184 100
63 72.8 51.8 77.6
154 74.1 47.8 71.6#





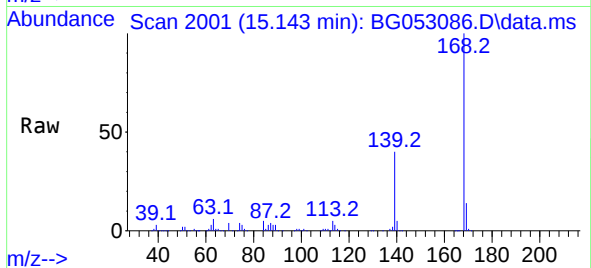
#55
Dibenzenofuran
Concen: 41.386 ng
RT: 15.143 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

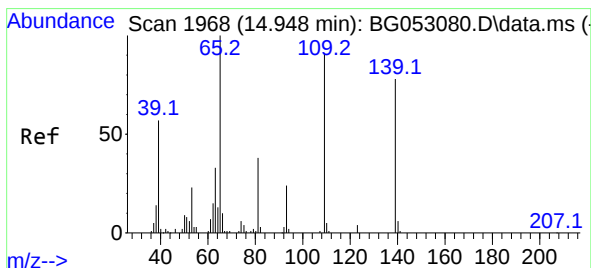
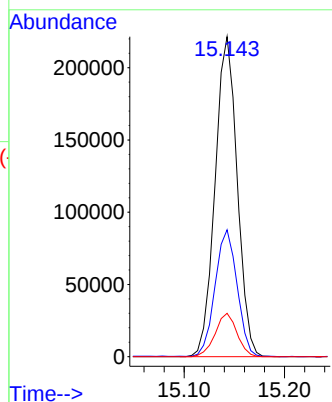
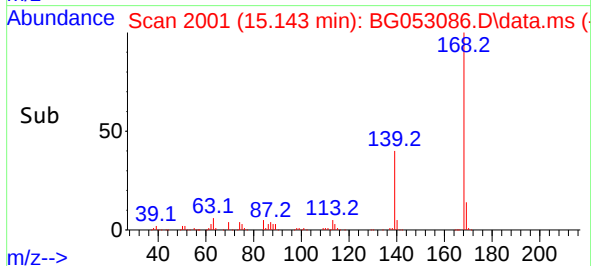


Tgt Ion:168 Resp: 33872
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.4
169 13.6 10.7 16.1

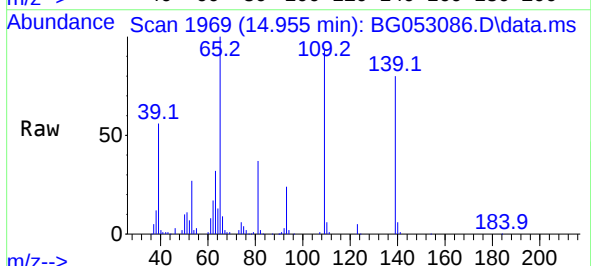
Manual Integrations

APPROVED

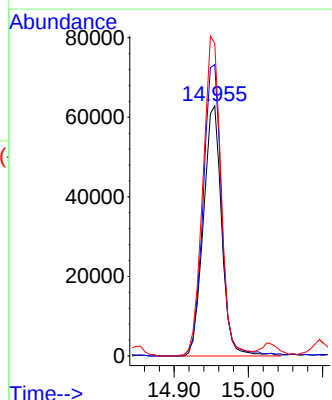
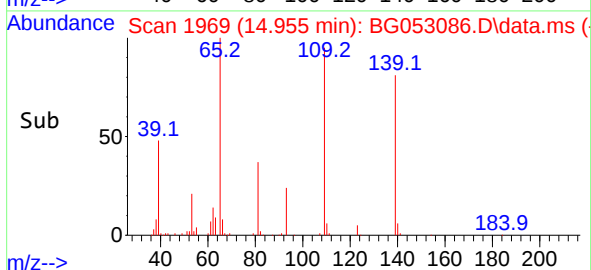
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

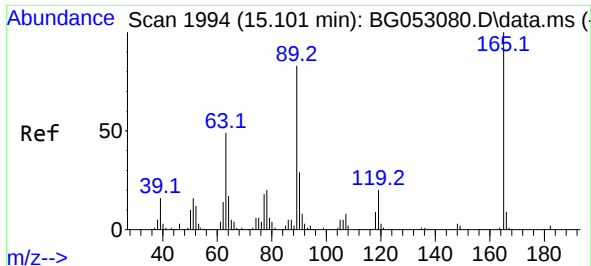


#56
4-Nitrophenol
Concen: 93.716 ng
RT: 14.955 min Scan# 1969
Delta R.T. 0.007 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:139 Resp: 108075
Ion Ratio Lower Upper
139 100
109 116.5 67.1 107.1#
65 124.9 88.2 128.2





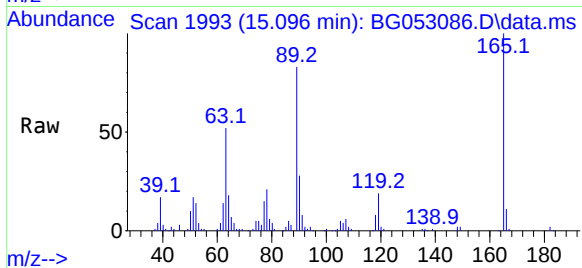
#57
2,4-Dinitrotoluene
Concen: 46.263 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

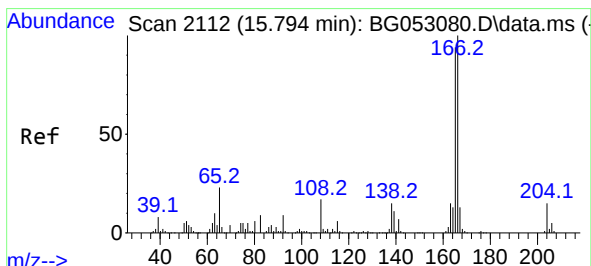
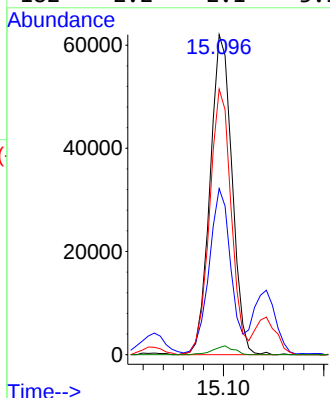
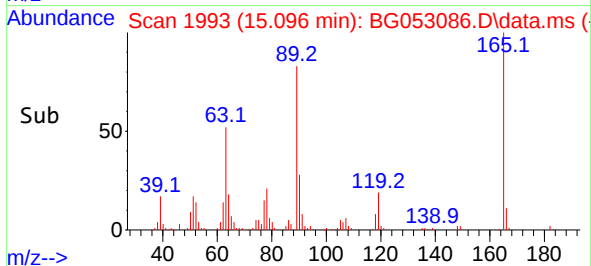


Tgt Ion:165 Resp: 9418
Ion Ratio Lower Upper
165 100
63 51.9 34.8 52.2
89 83.0 57.4 86.0
182 2.2 2.1 3.1

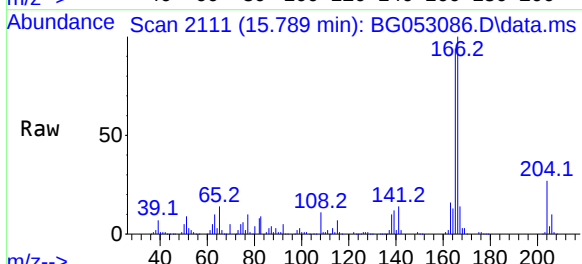
Manual Integrations

APPROVED

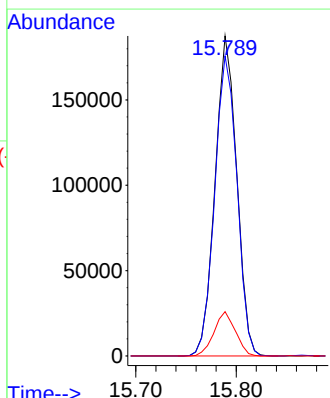
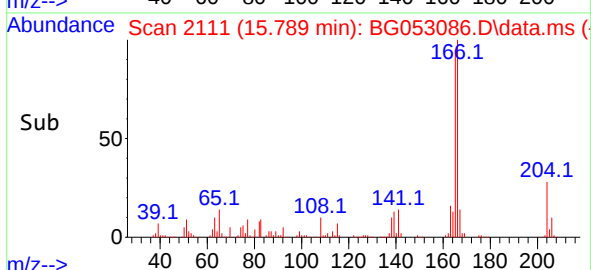
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

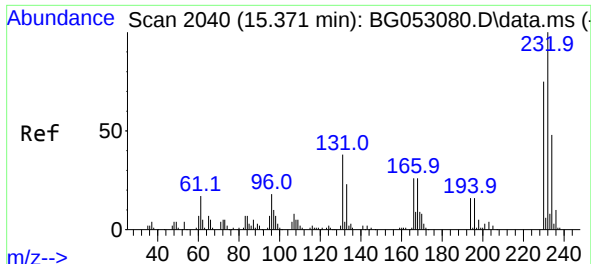


#58
Fluorene
Concen: 42.455 ng
RT: 15.789 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:166 Resp: 280644
Ion Ratio Lower Upper
166 100
165 93.8 78.6 117.8
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.257 ng
RT: 15.366 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

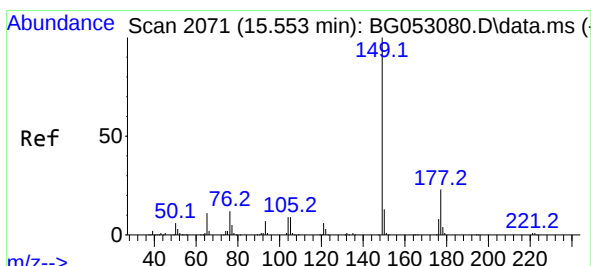
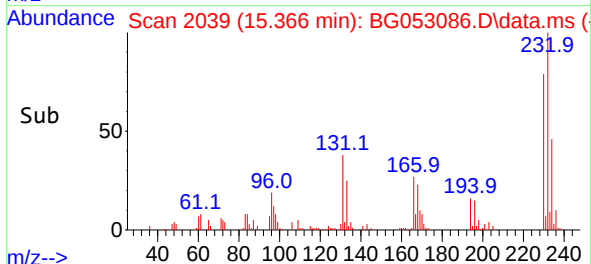
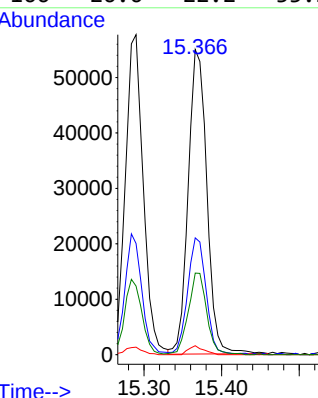
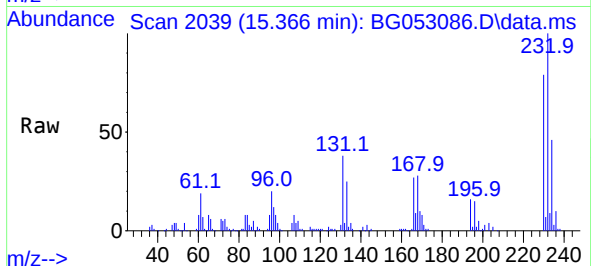
PB143914BS

Tgt Ion:232 Resp: 9191
Ion Ratio Lower Upper
232 100
131 38.2 30.1 45.1
130 2.4 1.8 2.8
166 26.6 22.2 33.2

Manual Integrations

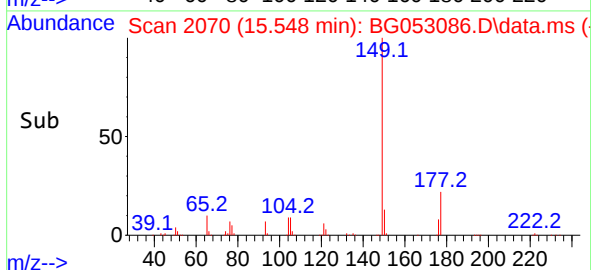
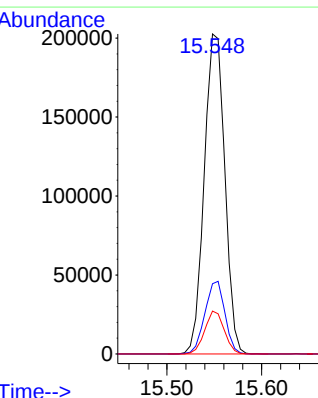
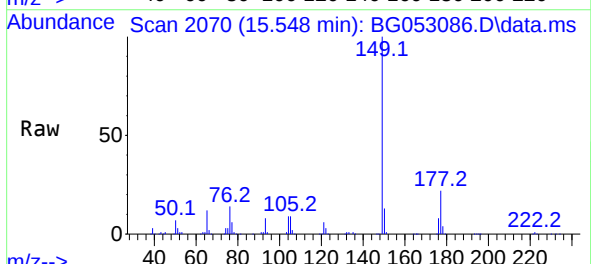
APPROVED

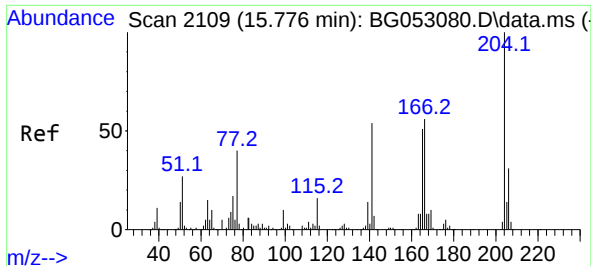
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#60
Diethylphthalate
Concen: 42.592 ng
RT: 15.548 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:149 Resp: 305886
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 13.4 9.9 14.9





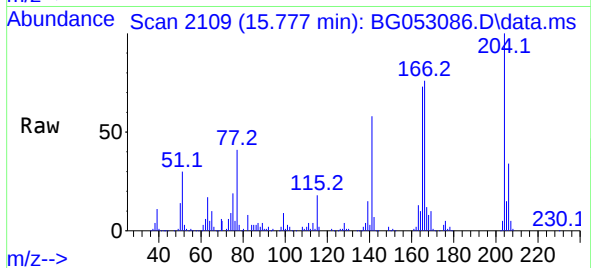
#61
4-Chlorophenyl-phenylether
Concen: 41.807 ng
RT: 15.777 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

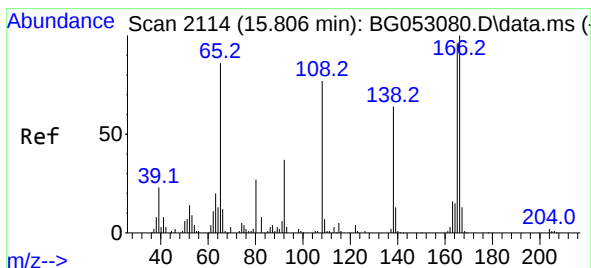
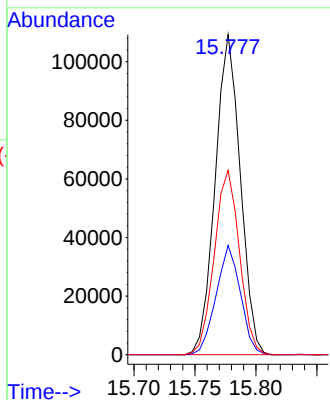
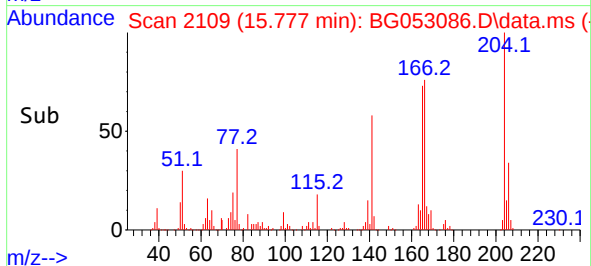


Tgt Ion:204 Resp: 156662
Ion Ratio Lower Upper
204 100
206 34.2 28.3 42.5
141 57.6 45.8 68.8

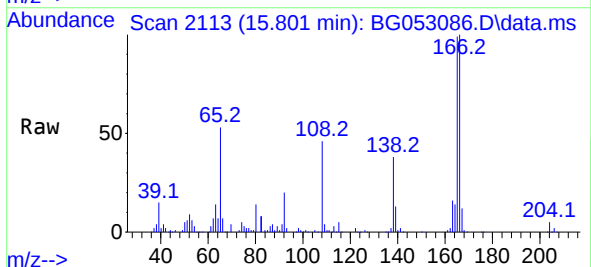
Manual Integrations

APPROVED

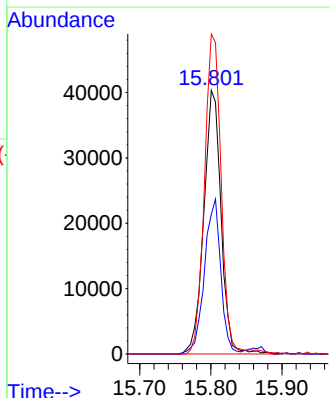
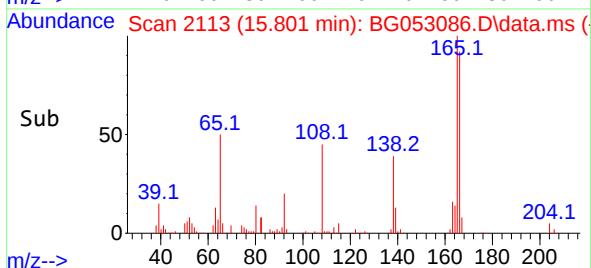
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

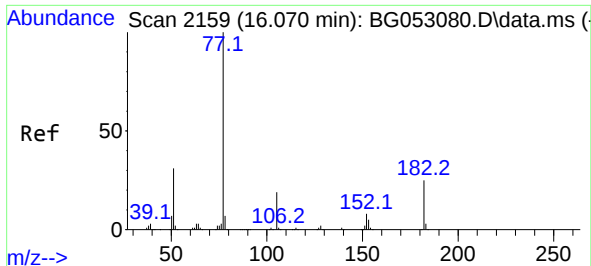


#62
4-Nitroaniline
Concen: 42.745 ng
RT: 15.801 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



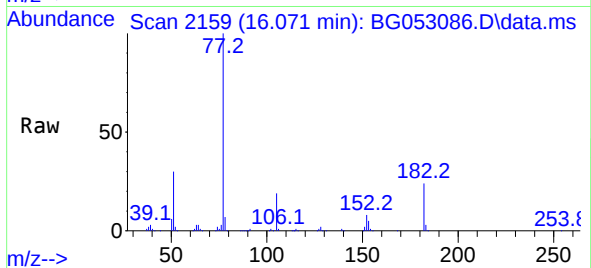
Tgt Ion:138 Resp: 68202
Ion Ratio Lower Upper
138 100
92 53.0 33.3 73.3
108 121.4 74.2 114.2#





#63
Azobenzene
Concen: 41.856 ng
RT: 16.071 min Scan# 2159
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

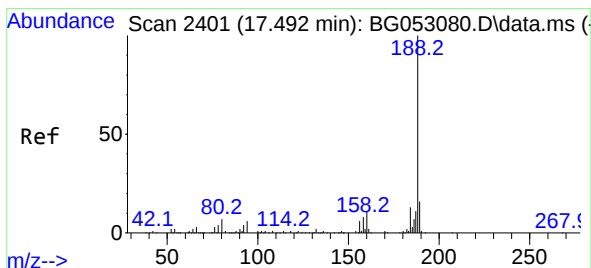
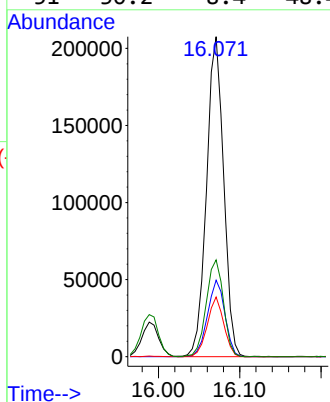
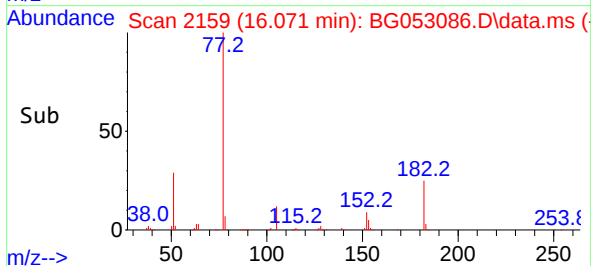
Instrument :
BNA_G
ClientSampleId :
PB143914BS



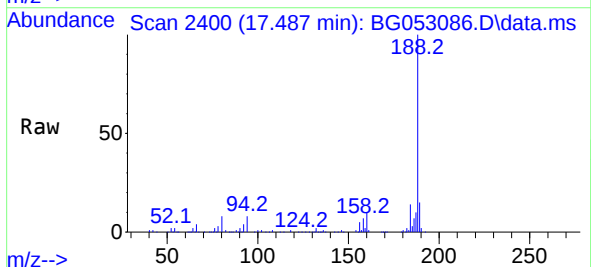
Tgt Ion: 77 Resp: 303070
Ion Ratio Lower Upper
77 100
182 23.9 5.6 45.6
105 18.6 0.0 38.8
51 30.2 8.4 48.4

Manual Integrations
APPROVED

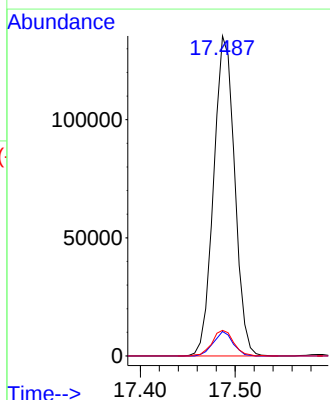
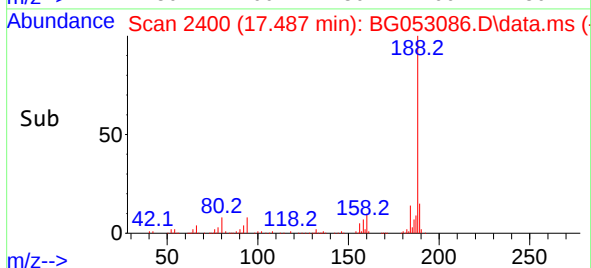
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

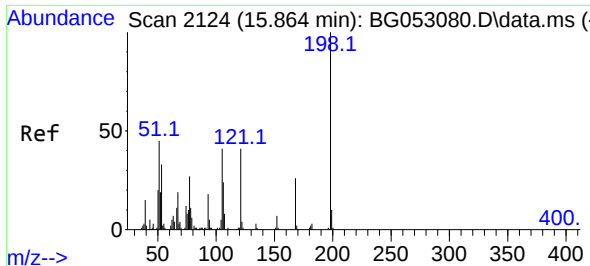


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:188 Resp: 208413
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.0 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 38.880 ng
RT: 15.865 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

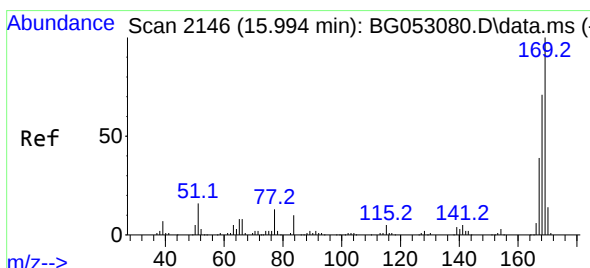
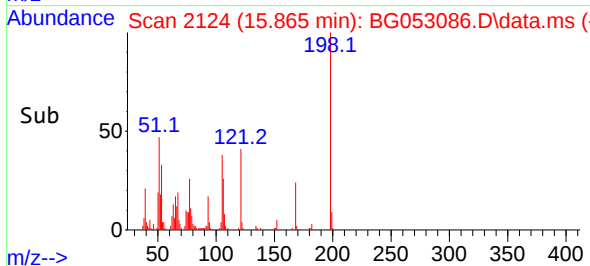
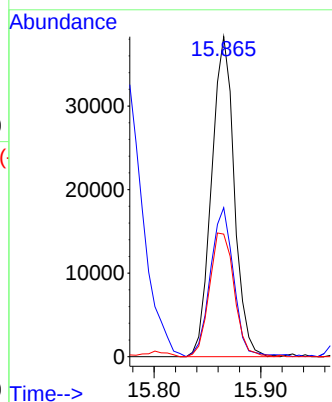
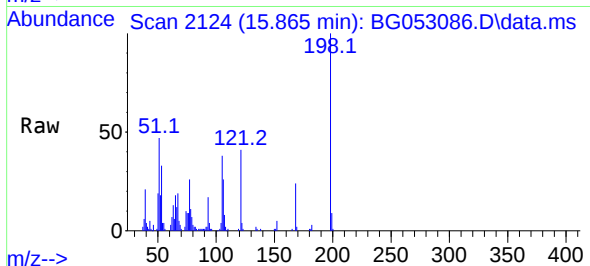
PB143914BS

Tgt Ion:198 Resp: 5653
Ion Ratio Lower Upper
198 100
51 46.6 21.7 61.7
105 38.3 20.8 60.8

Manual Integrations

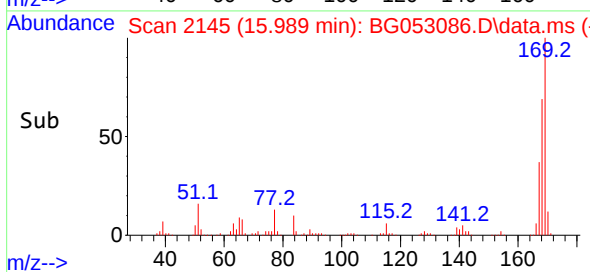
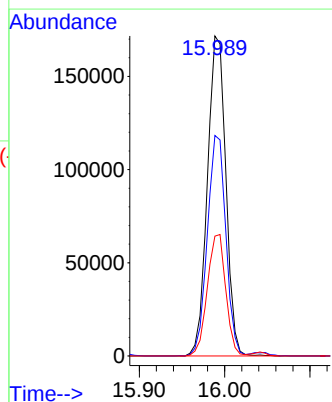
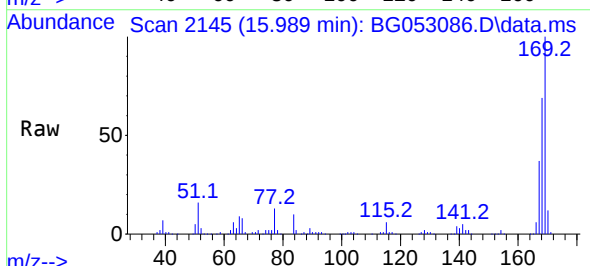
APPROVED

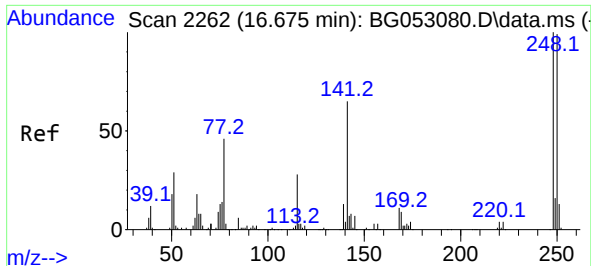
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#66
n-Nitrosodiphenylamine
Concen: 43.003 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:169 Resp: 257726
Ion Ratio Lower Upper
169 100
168 68.9 54.5 81.7
167 37.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.279 ng
RT: 16.670 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

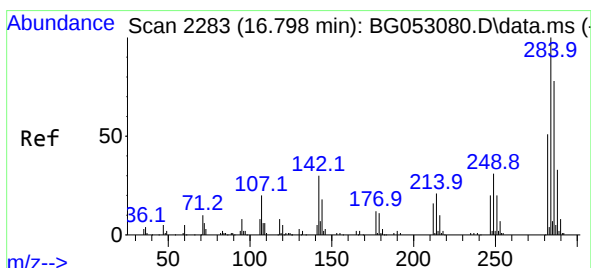
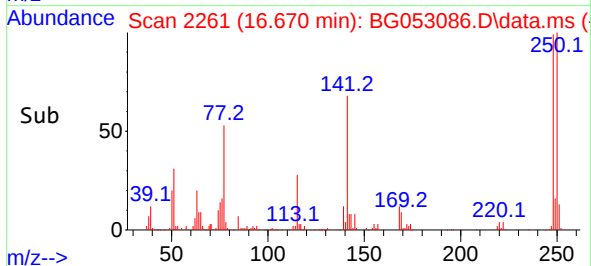
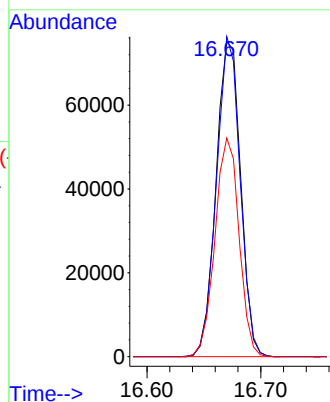
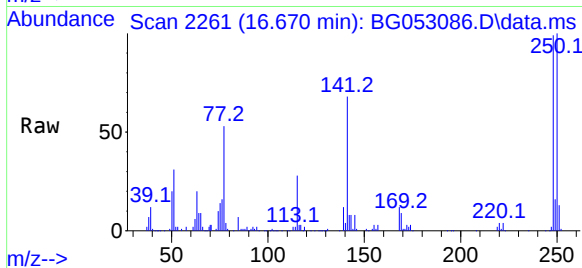
PB143914BS

Tgt Ion:248 Resp: 11290
Ion Ratio Lower Upper
248 100
250 101.4 77.9 116.9
141 69.2 49.2 73.8

Manual Integrations

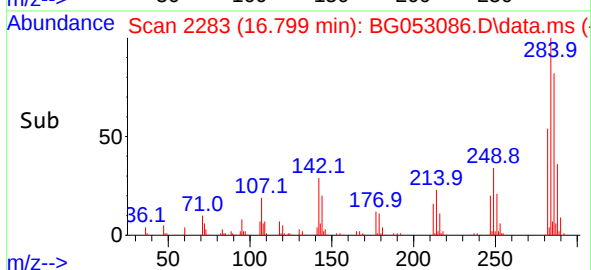
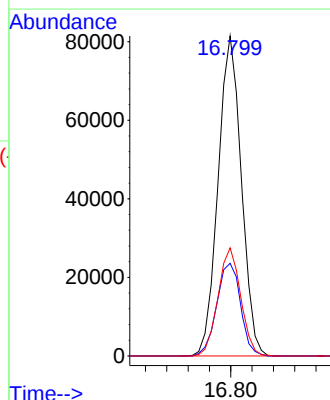
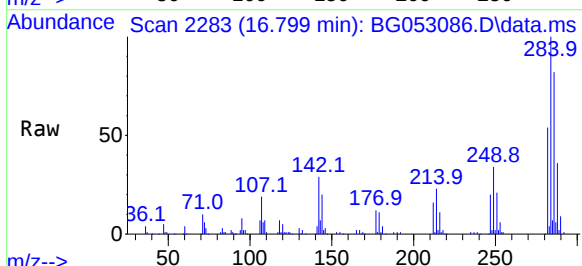
APPROVED

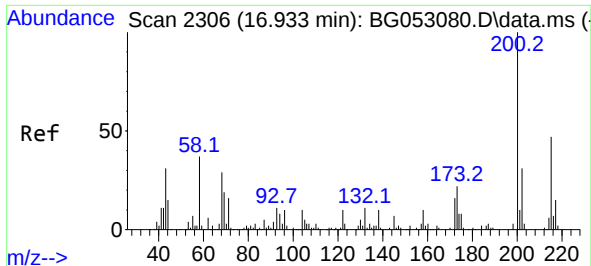
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#68
Hexachlorobenzene
Concen: 42.577 ng
RT: 16.799 min Scan# 2283
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:284 Resp: 123135
Ion Ratio Lower Upper
284 100
142 29.0 21.0 31.4
249 33.8 22.7 34.1





#69
 Atrazine
 Concen: 48.456 ng
 RT: 16.934 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053086.D
 Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

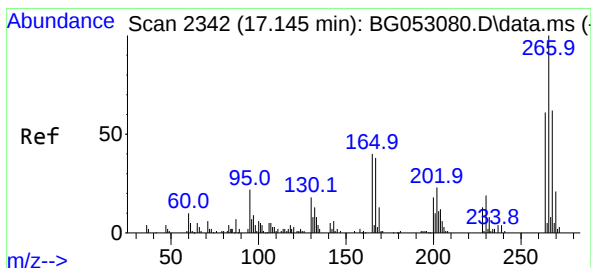
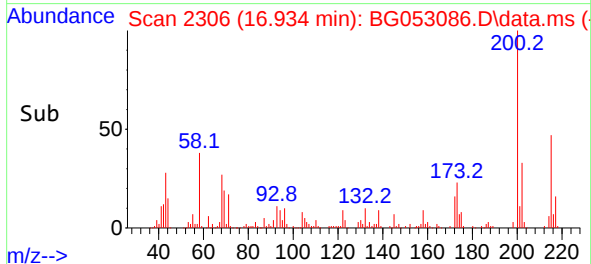
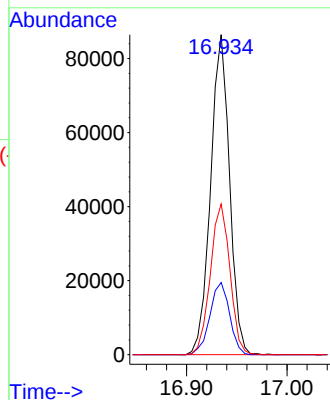
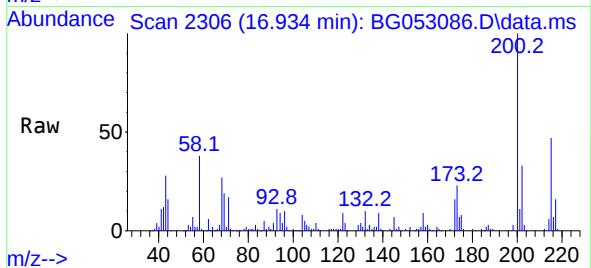
PB143914BS

Tgt Ion:200 Resp: 11344
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.8 43.8
 215 47.1 26.3 66.3

Manual Integrations

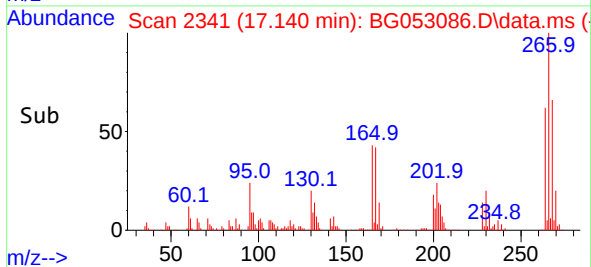
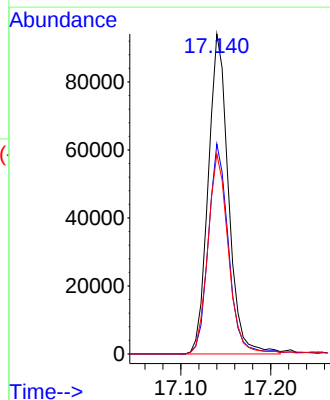
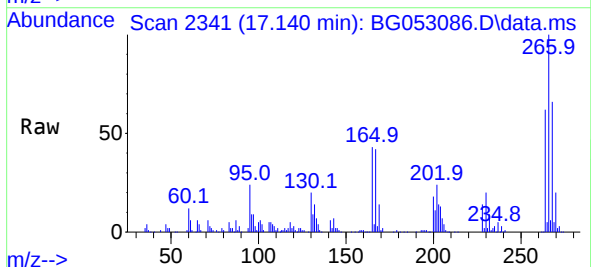
APPROVED

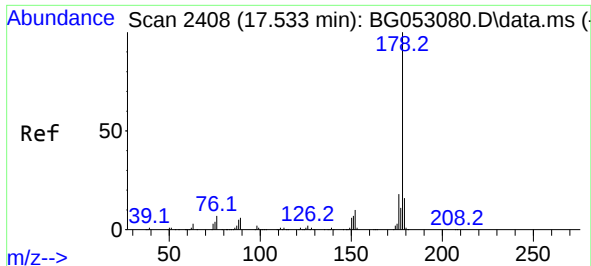
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022



#70
 Pentachlorophenol
 Concen: 93.029 ng
 RT: 17.140 min Scan# 2341
 Delta R.T. -0.005 min
 Lab File: BG053086.D
 Acq: 8 Apr 2022 16:22

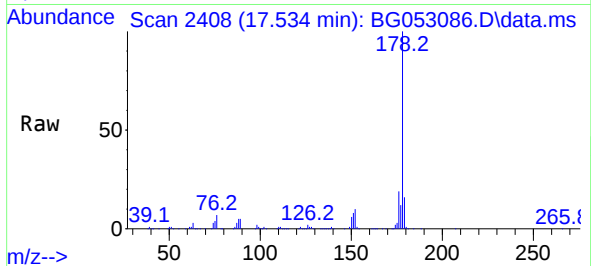
Tgt Ion:266 Resp: 147039
 Ion Ratio Lower Upper
 266 100
 268 65.6 45.9 68.9
 264 62.5 45.3 67.9





#71
Phenanthrene
Concen: 43.104 ng
RT: 17.534 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

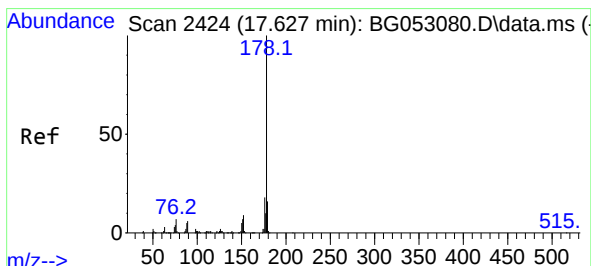
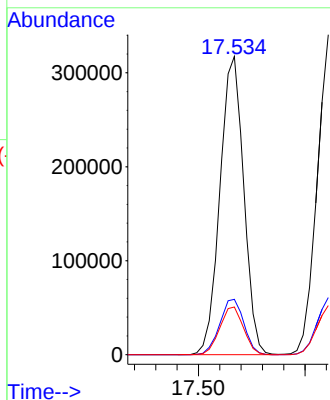
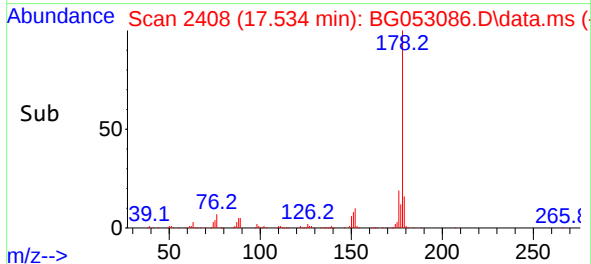
Instrument :
BNA_G
ClientSampleId :
PB143914BS



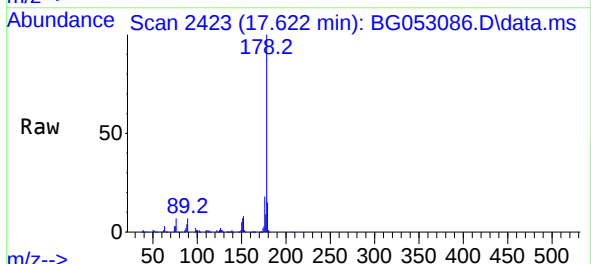
Tgt Ion:178 Resp: 490694
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 16.0 13.4 20.2

Manual Integrations
APPROVED

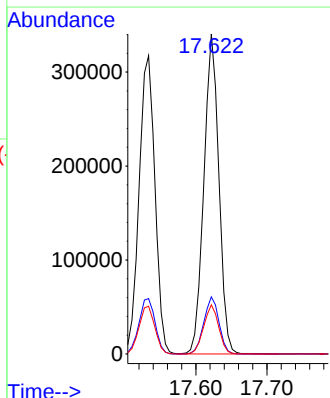
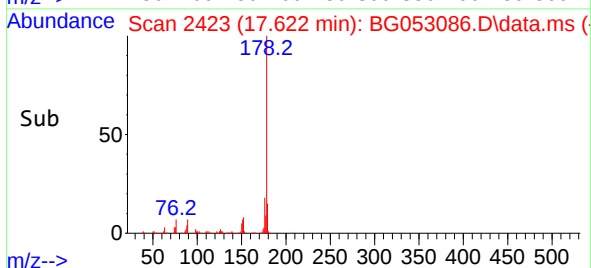
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

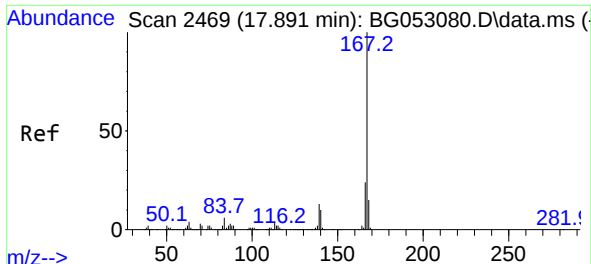


#72
Anthracene
Concen: 44.358 ng
RT: 17.622 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



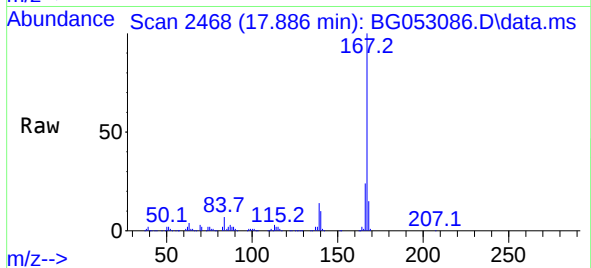
Tgt Ion:178 Resp: 500262
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.3 13.2 19.8





#73
Carbazole
Concen: 42.057 ng
RT: 17.886 min Scan# 2468
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

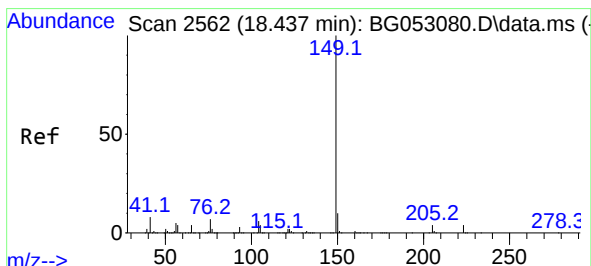
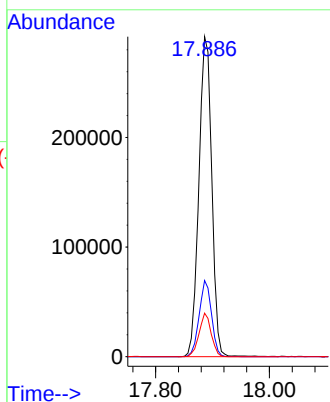
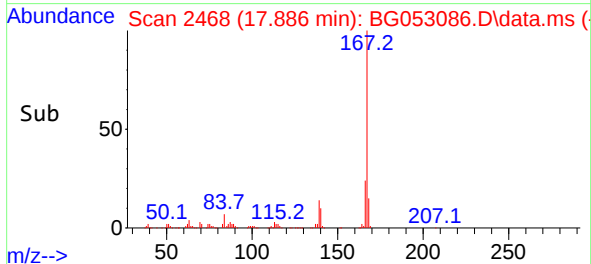
Instrument :
BNA_G
ClientSampleId :
PB143914BS



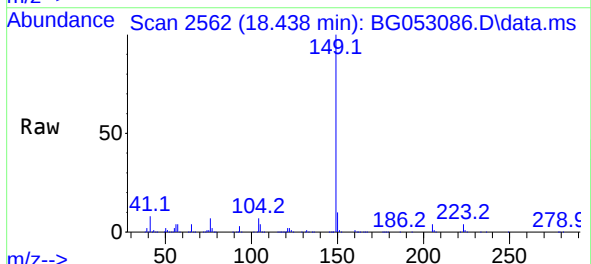
Tgt Ion:167 Resp: 46106
Ion Ratio Lower Upper
167 100
166 23.8 18.5 27.7
139 13.6 10.0 15.0

Manual Integrations
APPROVED

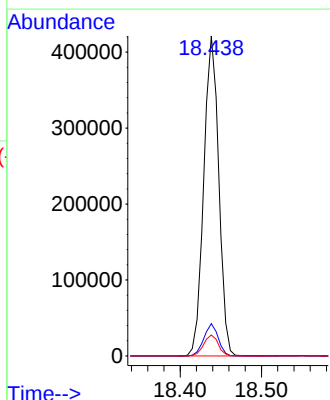
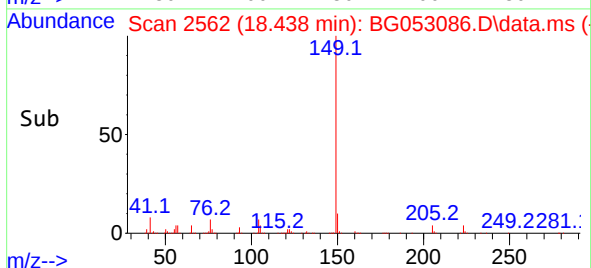
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

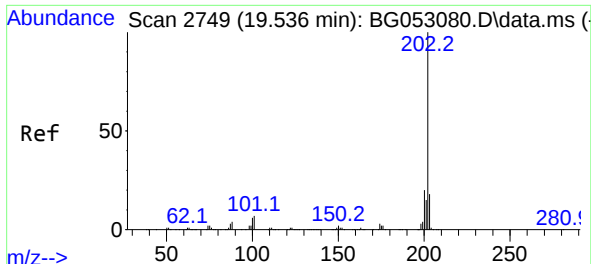


#74
Di-n-butylphthalate
Concen: 43.307 ng
RT: 18.438 min Scan# 2562
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:149 Resp: 538454
Ion Ratio Lower Upper
149 100
150 10.1 7.0 10.6
104 6.6 4.6 7.0





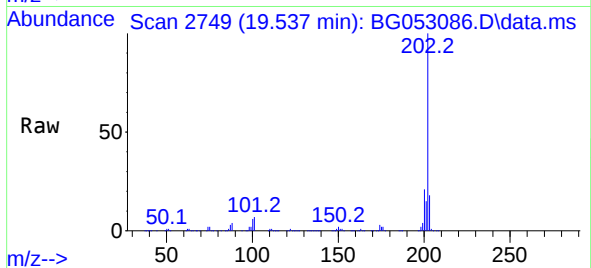
#75
Fluoranthene
Concen: 44.760 ng
RT: 19.537 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

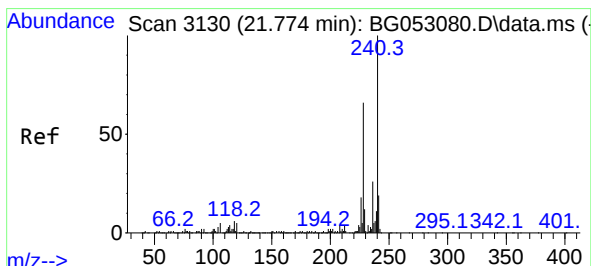
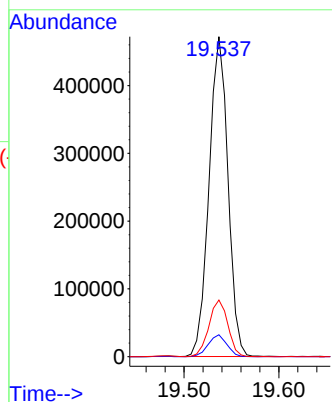
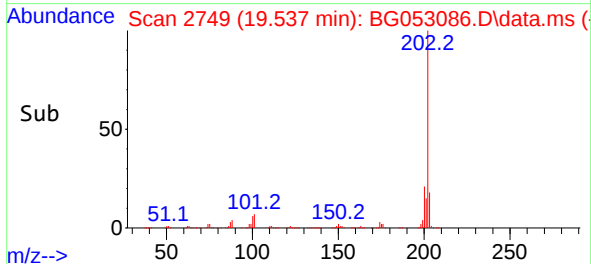


Tgt Ion:202 Resp: 653149
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.3
203 17.7 0.0 37.7

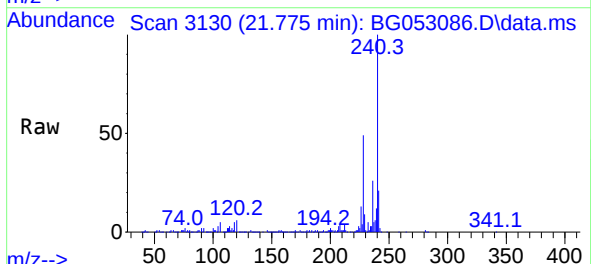
Manual Integrations

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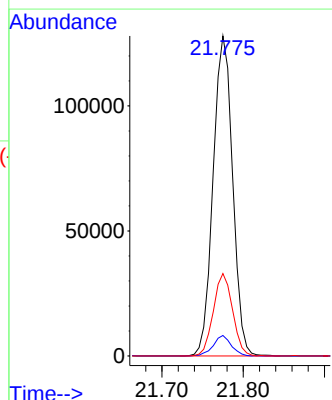
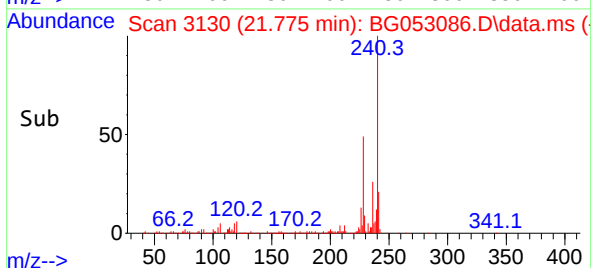
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

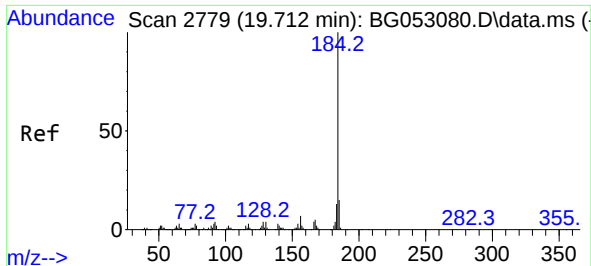


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



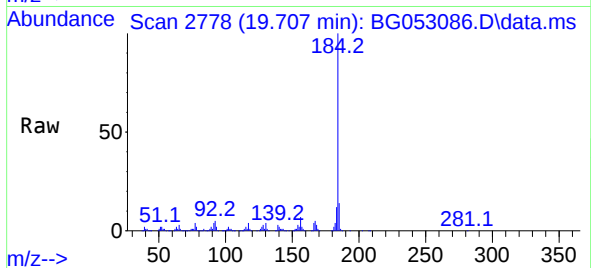
Tgt Ion:240 Resp: 213499
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.8 19.8 29.6





#77
Benzidine
Concen: 65.243 ng
RT: 19.707 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

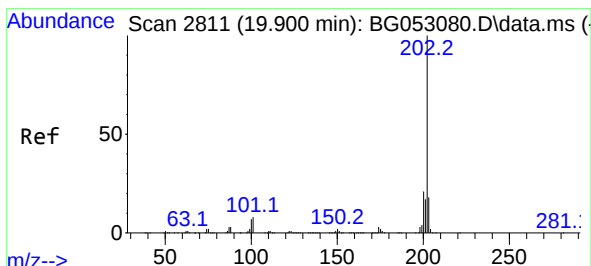
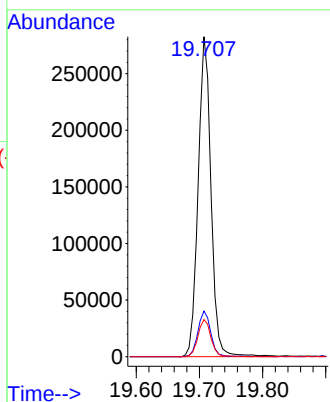
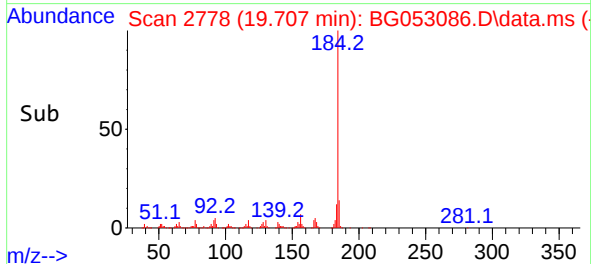
Instrument :
BNA_G
ClientSampleId :
PB143914BS



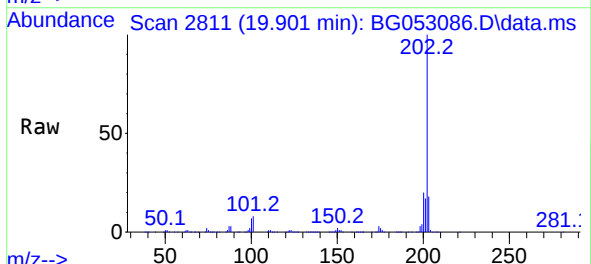
Tgt Ion:184 Resp: 39742
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.6 9.4 14.2

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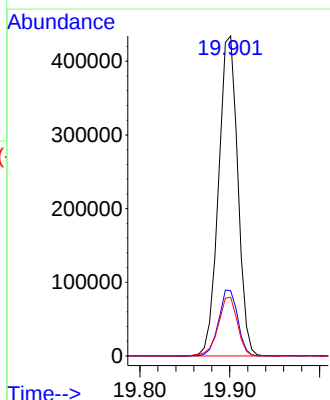
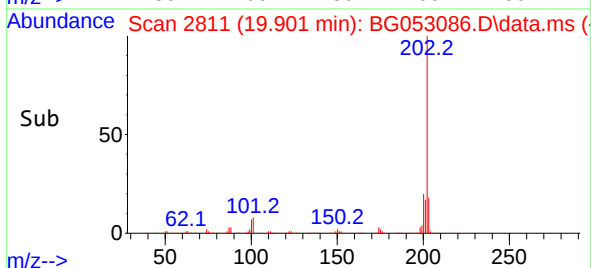
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

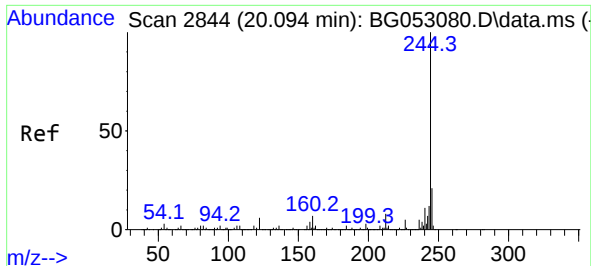


#78
Pyrene
Concen: 42.443 ng
RT: 19.901 min Scan# 2811
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:202 Resp: 645366
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 18.4 15.0 22.6





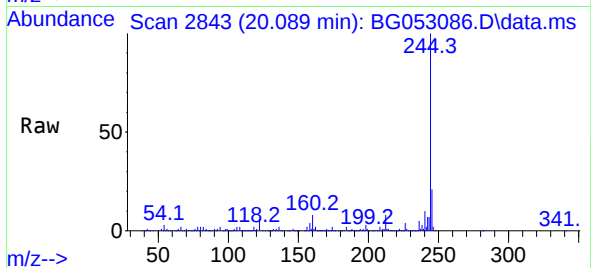
#79
 Terphenyl-d14
 Concen: 82.615 ng
 RT: 20.089 min Scan# 2844
 Delta R.T. -0.005 min
 Lab File: BG053086.D
 Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

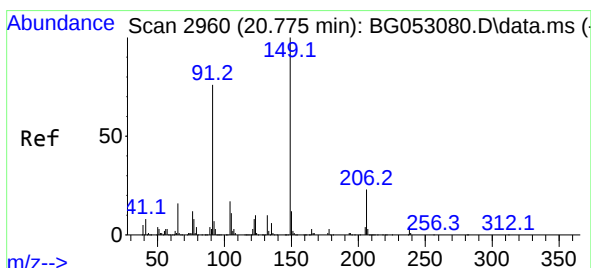
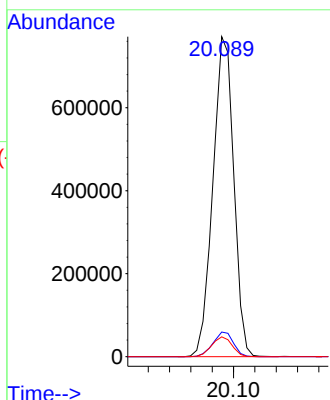
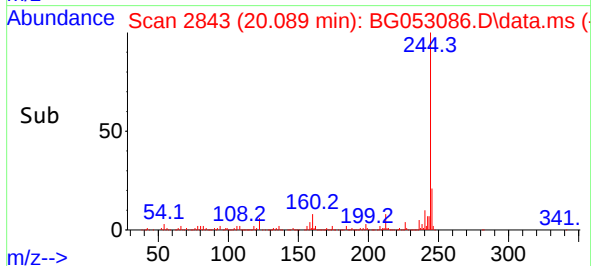


Tgt Ion:244 Resp: 104436
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.2 5.8 8.6

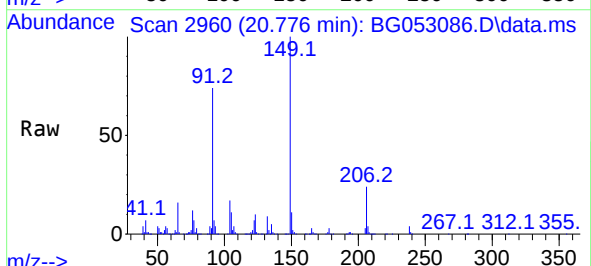
Manual Integrations

APPROVED

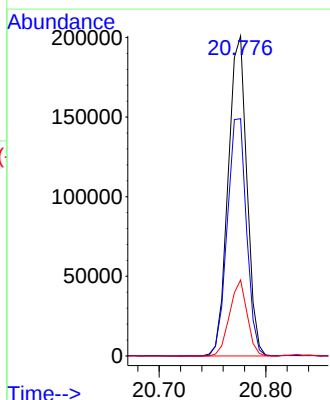
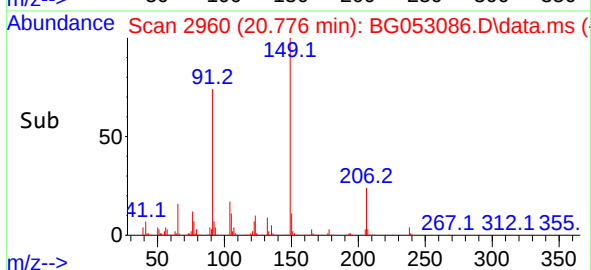
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

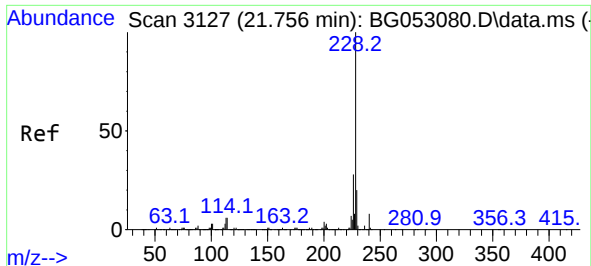


#80
 Butylbenzylphthalate
 Concen: 43.155 ng
 RT: 20.776 min Scan# 2960
 Delta R.T. 0.001 min
 Lab File: BG053086.D
 Acq: 8 Apr 2022 16:22



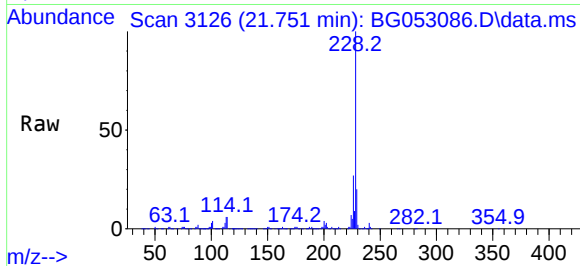
Tgt Ion:149 Resp: 244638
 Ion Ratio Lower Upper
 149 100
 91 74.2 60.2 90.4
 206 23.8 19.4 29.2





#81
Benzo(a)anthracene
Concen: 43.810 ng
RT: 21.751 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

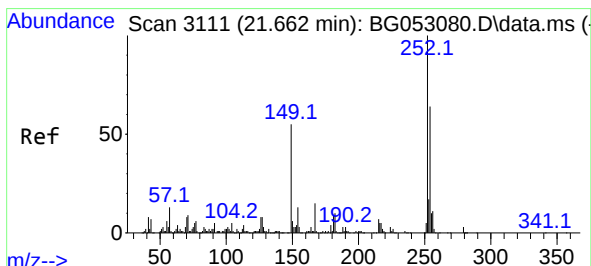
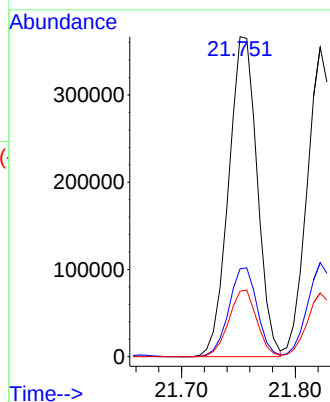
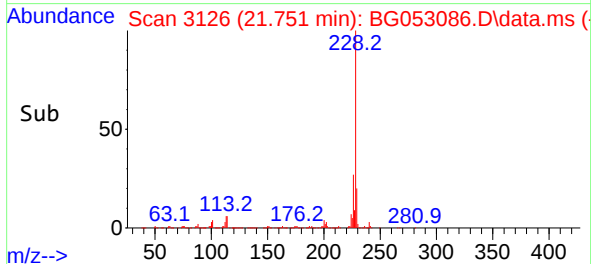
Instrument :
BNA_G
ClientSampleId :
PB143914BS



Tgt Ion:228 Resp: 63951
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.5 16.7 25.1

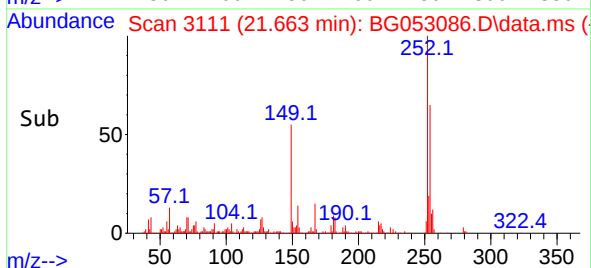
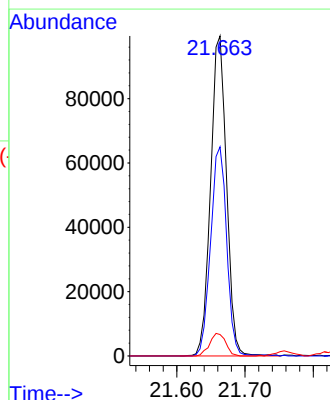
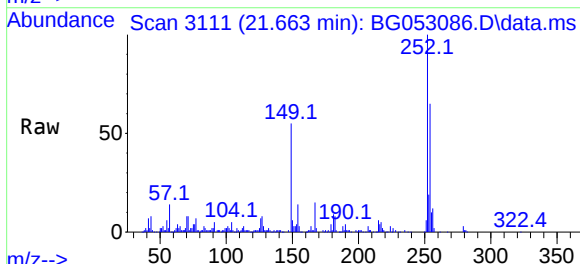
Manual Integrations
APPROVED

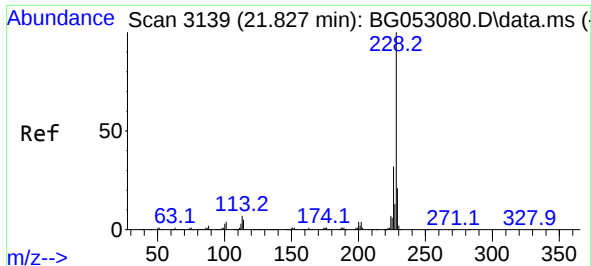
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#82
3,3'-Dichlorobenzidine
Concen: 30.102 ng
RT: 21.663 min Scan# 3111
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

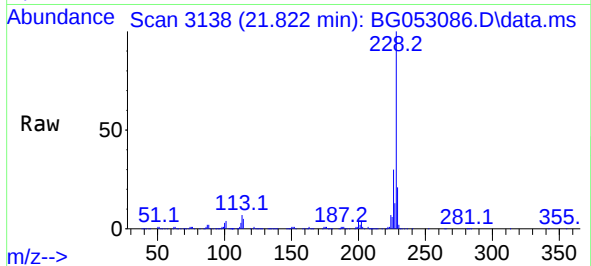
Tgt Ion:252 Resp: 161601
Ion Ratio Lower Upper
252 100
254 65.4 51.2 76.8
126 6.7 5.8 8.8





#83
Chrysene
Concen: 42.814 ng
RT: 21.822 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

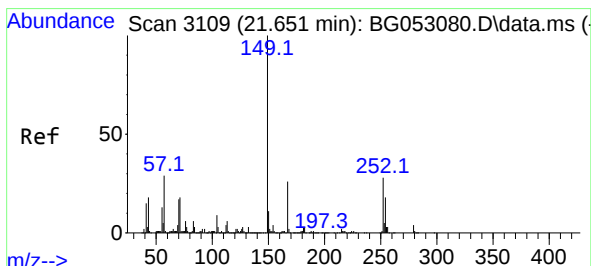
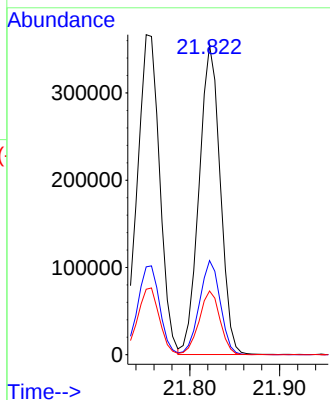
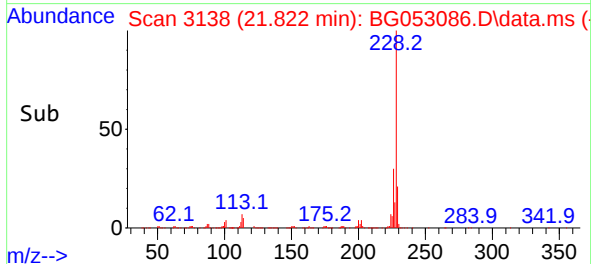
Instrument :
BNA_G
ClientSampleId :
PB143914BS



Tgt Ion:228 Resp: 580020
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 20.6 16.3 24.5

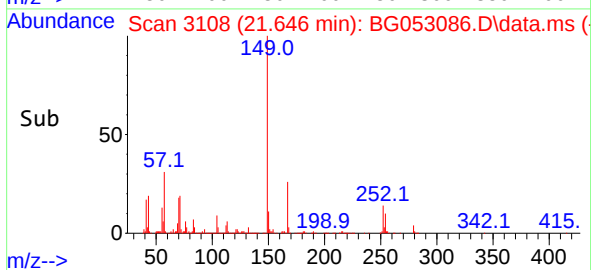
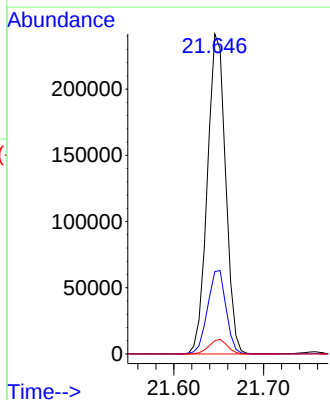
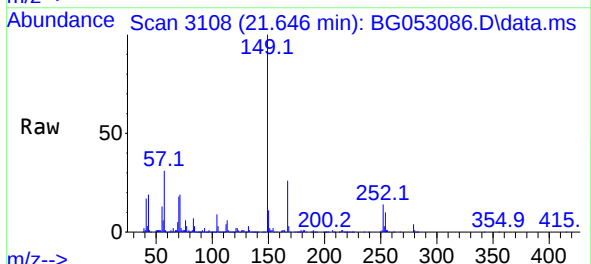
Manual Integrations
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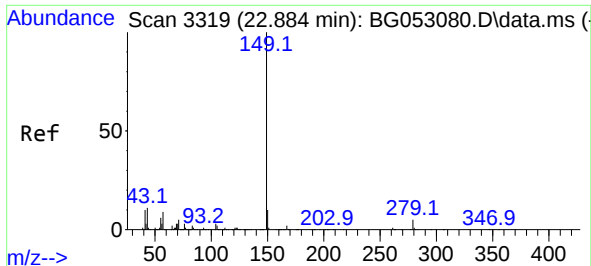
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.454 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

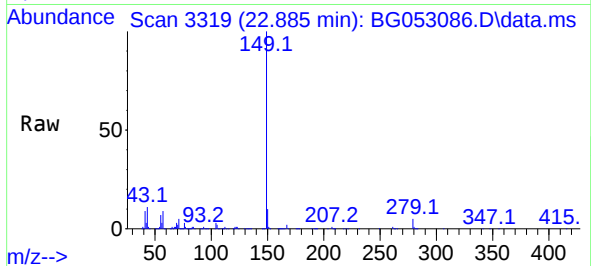
Tgt Ion:149 Resp: 340633
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 4.2 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 44.805 ng
RT: 22.885 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

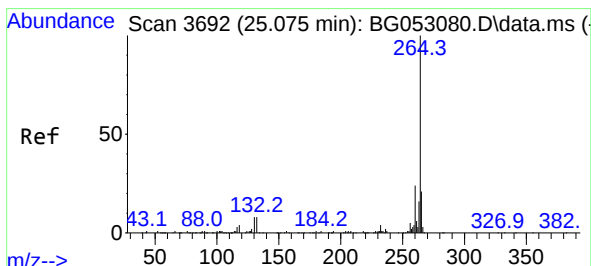
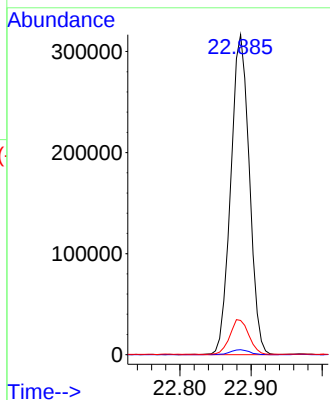
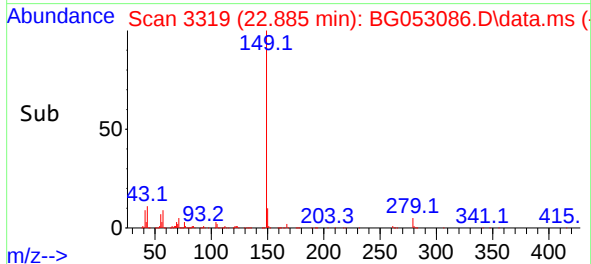
Instrument :
BNA_G
ClientSampleId :
PB143914BS



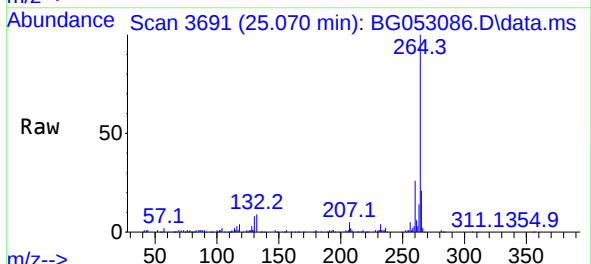
Tgt Ion:149 Resp: 574190
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 7.6 11.4

Manual Integrations
APPROVED

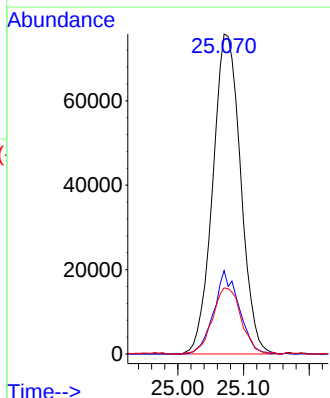
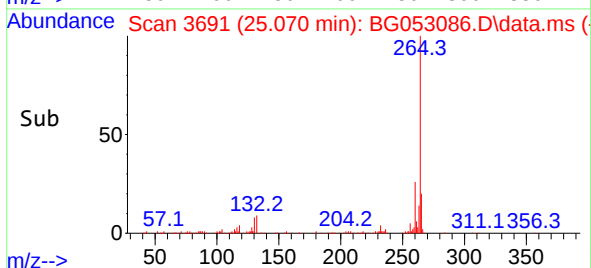
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

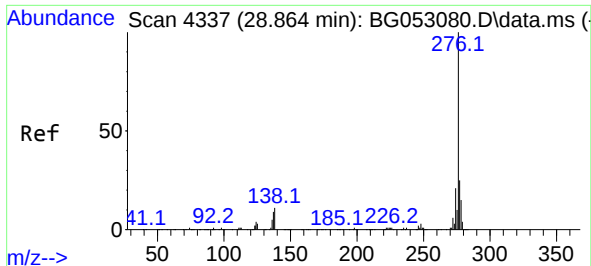


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 3691
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22



Tgt Ion:264 Resp: 222971
Ion Ratio Lower Upper
264 100
260 26.0 18.2 27.2
265 20.6 15.1 22.7





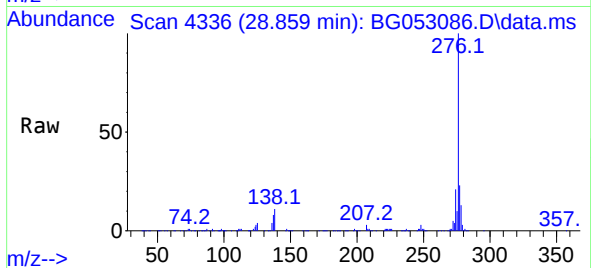
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.685 ng
 RT: 28.859 min Scan# 4336
 Delta R.T. -0.005 min
 Lab File: BG053086.D
 Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

PB143914BS

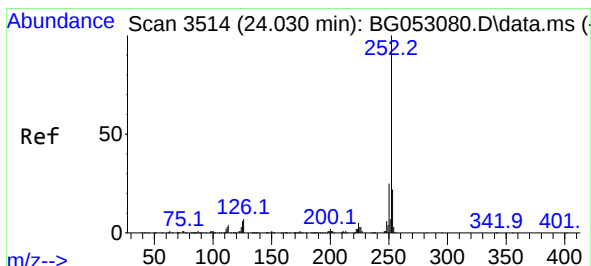
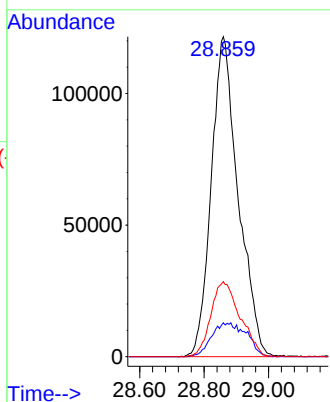
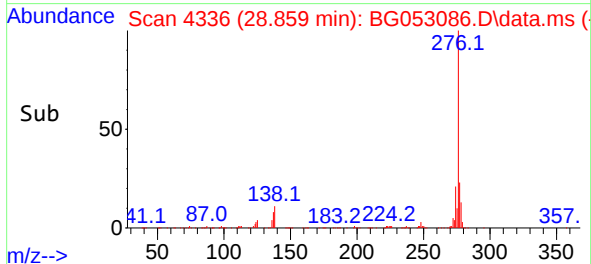


Tgt Ion:276 Resp: 707099
 Ion Ratio Lower Upper
 276 100
 138 5.7 8.7 13.1
 277 25.5 20.2 30.4

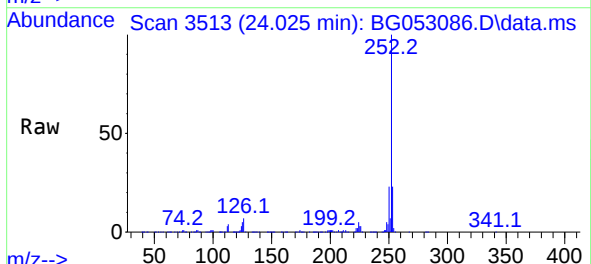
Manual Integrations

APPROVED

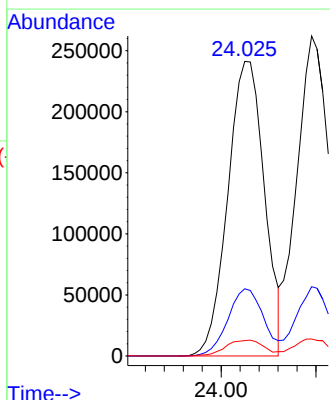
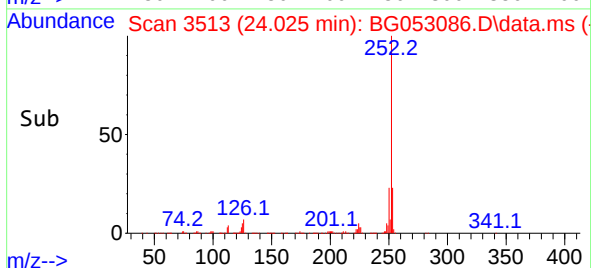
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

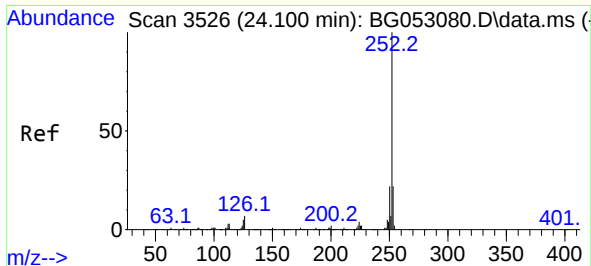


#88
 Benzo(b)fluoranthene
 Concen: 46.023 ng
 RT: 24.025 min Scan# 3513
 Delta R.T. -0.005 min
 Lab File: BG053086.D
 Acq: 8 Apr 2022 16:22



Tgt Ion:252 Resp: 647464
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.2 25.8
 125 5.2 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 45.509 ng
RT: 24.095 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

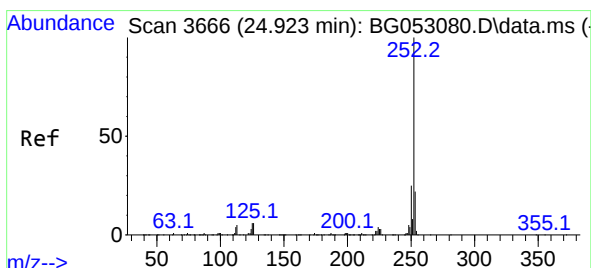
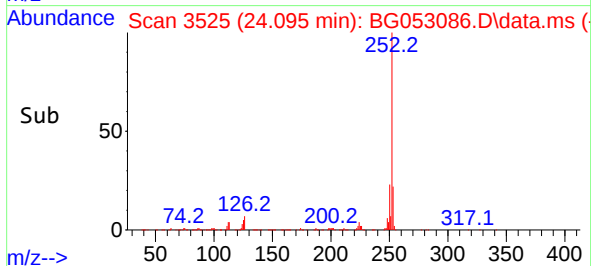
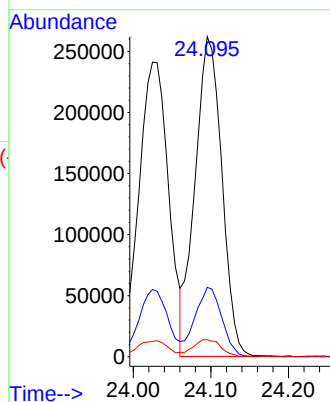
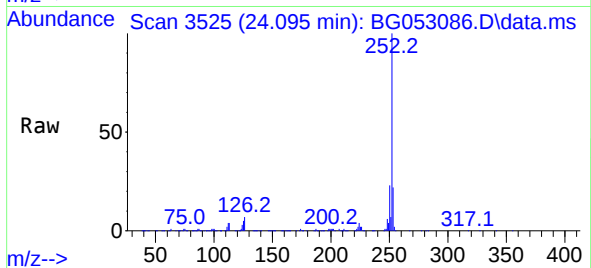
PB143914BS

Tgt Ion:252 Resp: 629230
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.3 5.0 7.4

Manual Integrations

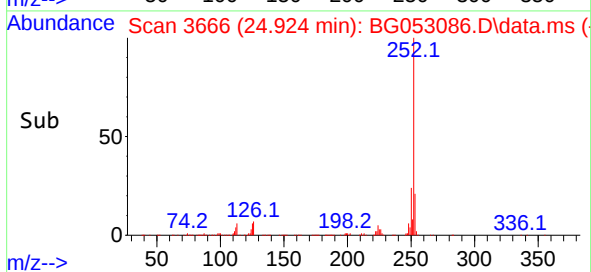
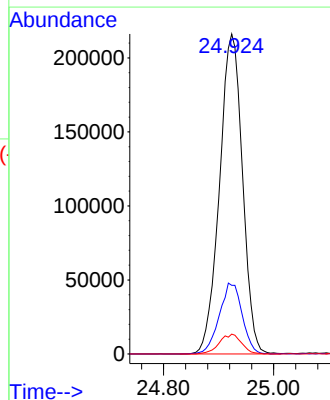
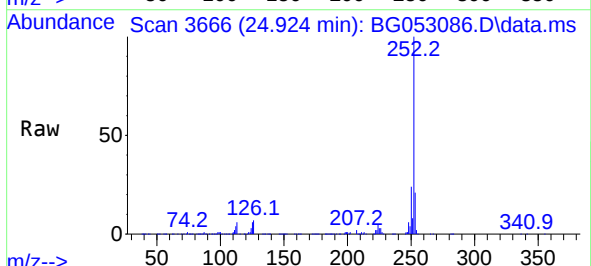
APPROVED

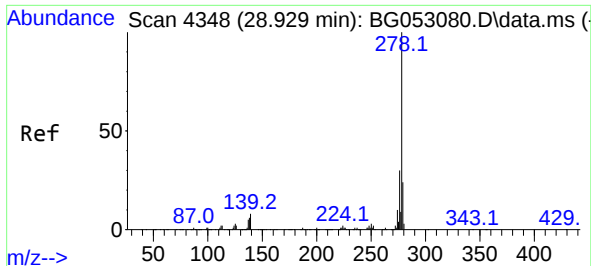
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#90
Benzo(a)pyrene
Concen: 52.257 ng
RT: 24.924 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:252 Resp: 626285
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 6.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 44.766 ng
RT: 28.924 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Instrument :

BNA_G

ClientSampleId :

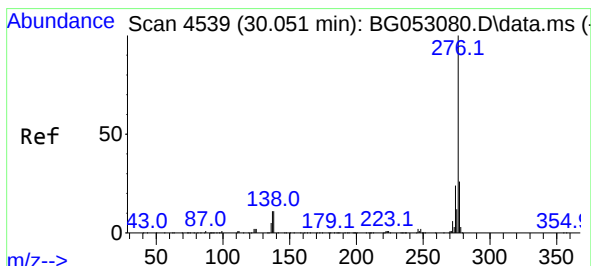
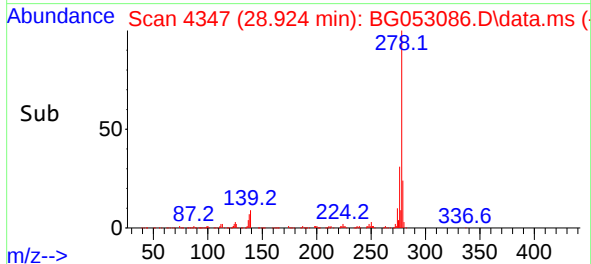
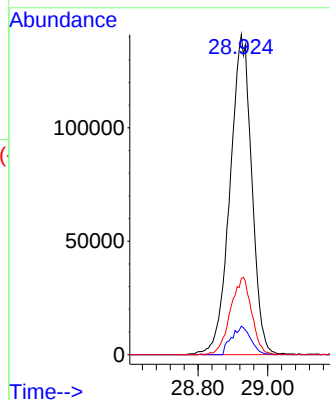
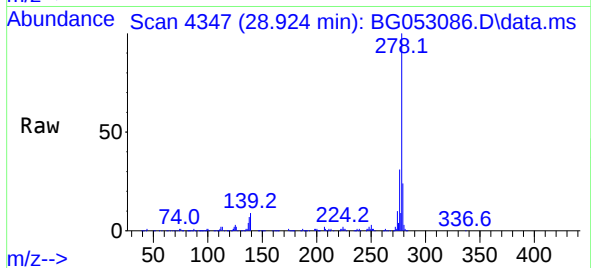
PB143914BS

Tgt Ion:278 Resp: 61034
Ion Ratio Lower Upper
278 100
139 8.9 7.8 11.6
279 23.8 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: 45.077 ng
RT: 30.058 min Scan# 4540
Delta R.T. 0.007 min
Lab File: BG053086.D
Acq: 8 Apr 2022 16:22

Tgt Ion:276 Resp: 605768
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.2
138 12.4 9.1 13.7

