

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053163.D
 Acq On : 15 Apr 2022 14:05
 Operator : CG/JU
 Sample : PB144139BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB144139BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/18/2022
 Supervised By : Jagrut Upadhyay 04/18/2022

Quant Time: Apr 18 03:13:42 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	8.113	152	34984	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	147146	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	111161	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	269861	20.000	ng	0.00
76) Chrysene-d12	21.771	240	279012	20.000	ng	0.00
86) Perylene-d12	25.073	264	286039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	276452	135.459	ng	0.00
7) Phenol-d6	7.279	99	397851	126.414	ng	0.00
23) Nitrobenzene-d5	9.282	82	273328	75.422	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	203474	115.053	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	621482	77.092	ng	0.00
79) Terphenyl-d14	20.091	244	1219765	73.834	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	28576	29.320	ng	# 84
3) Pyridine	3.960	79	75676	29.440	ng	# 83
4) n-Nitrosodimethylamine	3.872	42	54210	42.587	ng	# 78
6) Aniline	7.438	93	127809	35.041	ng	100
8) 2-Chlorophenol	7.684	128	101388	46.017	ng	94
9) Benzaldehyde	7.250	77	57671	30.656	ng	91
10) Phenol	7.309	94	142636	45.531	ng	88
11) bis(2-Chloroethyl)ether	7.526	93	94327	41.770	ng	89
12) 1,3-Dichlorobenzene	8.008	146	102557	40.057	ng	# 95
13) 1,4-Dichlorobenzene	8.154	146	102787	39.380	ng	97
14) 1,2-Dichlorobenzene	8.472	146	103524	41.130	ng	98
15) Benzyl Alcohol	8.348	79	118190	42.250	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.636	45	152256	40.384	ng	97
17) 2-Methylphenol	8.560	107	93690	44.195	ng	96
18) Hexachloroethane	9.206	117	39480	40.336	ng	98
19) n-Nitroso-di-n-propyla...	8.918	70	93153	40.429	ng	# 94
20) 3+4-Methylphenols	8.889	107	130984	43.769	ng	96
22) Acetophenone	8.936	105	158407	38.804	ng	# 93
24) Nitrobenzene	9.323	77	142249	40.355	ng	# 87
25) Isophorone	9.846	82	257605	41.821	ng	99
26) 2-Nitrophenol	10.034	139	59669	40.481	ng	91
27) 2,4-Dimethylphenol	10.093	122	101763	48.206	ng	91
28) bis(2-Chloroethoxy)met...	10.322	93	136310	39.390	ng	98
29) 2,4-Dichlorophenol	10.581	162	114835	43.271	ng	95
30) 1,2,4-Trichlorobenzene	10.792	180	115594	38.485	ng	96
31) Naphthalene	10.980	128	307600	39.182	ng	99
32) Benzoic acid	10.246	122	61462	44.983	ng	# 89
33) 4-Chloroaniline	11.086	127	86676	25.782	ng	96
34) Hexachlorobutadiene	11.268	225	84773	37.995	ng	95
35) Caprolactam	11.849	113	36328m	38.835	ng	
36) 4-Chloro-3-methylphenol	12.202	107	127711	41.336	ng	96
37) 2-Methylnaphthalene	12.578	142	227576	39.176	ng	96
38) 1-Methylnaphthalene	12.795	142	218245	38.489	ng	93
40) 1,2,4,5-Tetrachloroben...	12.948	216	146510	38.806	ng	98
41) Hexachlorocyclopentadiene	12.930	237	176850	90.741	ng	96
43) 2,4,6-Trichlorophenol	13.183	196	103932	39.927	ng	97

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Quant Time: Apr 18 03:13:42 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

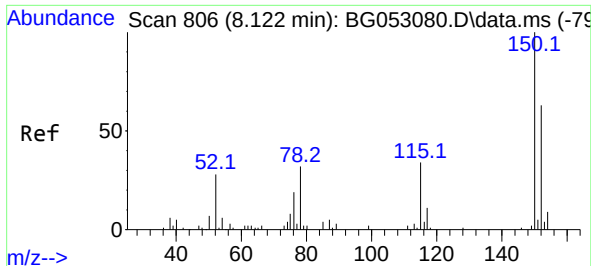
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	109459	39.461	ng	98
46) 1,1'-Biphenyl	13.576	154	315090	39.361	ng	99
47) 2-Chloronaphthalene	13.623	162	248884	38.969	ng	98
48) 2-Nitroaniline	13.817	65	96695	39.895	ng	94
49) Acenaphthylene	14.469	152	421469	42.157	ng	99
50) Dimethylphthalate	14.187	163	347346	39.067	ng	98
51) 2,6-Dinitrotoluene	14.311	165	74908	40.385	ng	# 84
52) Acenaphthene	14.810	154	301212m	44.427	ng	
53) 3-Nitroaniline	14.640	138	56113	28.610	ng	93
54) 2,4-Dinitrophenol	14.851	184	96718	81.950	ng	# 90
55) Dibenzofuran	15.139	168	403200	37.980	ng	98
56) 4-Nitrophenol	14.951	139	120122	80.304	ng	83
57) 2,4-Dinitrotoluene	15.098	165	107009	40.523	ng	# 89
58) Fluorene	15.785	166	332556	38.785	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.368	232	106827	39.657	ng	99
60) Diethylphthalate	15.550	149	354686	38.074	ng	97
61) 4-Chlorophenyl-phenyle...	15.774	204	186989	38.470	ng	98
62) 4-Nitroaniline	15.803	138	78044	37.709	ng	# 79
63) Azobenzene	16.067	77	351975	37.475	ng	98
65) 4,6-Dinitro-2-methylph...	15.868	198	68413	36.337	ng	94
66) n-Nitrosodiphenylamine	15.991	169	299540	38.599	ng	98
67) 4-Bromophenyl-phenylether	16.672	248	131746	38.100	ng	95
68) Hexachlorobenzene	16.802	284	146669	39.167	ng	97
69) Atrazine	16.931	200	129272	42.645	ng	99
70) Pentachlorophenol	17.142	266	170973	83.541	ng	91
71) Phenanthrene	17.530	178	565656	38.375	ng	98
72) Anthracene	17.624	178	571416	39.130	ng	98
73) Carbazole	17.888	167	529340	37.290	ng	99
74) Di-n-butylphthalate	18.435	149	615799	38.250	ng	99
75) Fluoranthene	19.533	202	738917	39.107	ng	98
77) Benzidine	19.709	184	285994	35.926	ng	99
78) Pyrene	19.897	202	739911	37.235	ng	99
80) Butylbenzylphthalate	20.773	149	277469	37.454	ng	98
81) Benzo(a)anthracene	21.754	228	737392	38.654	ng	98
82) 3,3'-Dichlorobenzidine	21.660	252	191166	27.248	ng	99
83) Chrysene	21.824	228	665532	37.591	ng	99
84) Bis(2-ethylhexyl)phtha...	21.642	149	387446	38.691	ng	99
85) Di-n-octyl phthalate	22.882	149	659795	39.396	ng	97
87) Indeno(1,2,3-cd)pyrene	28.862	276	819038	38.541	ng	98
88) Benzo(b)fluoranthene	24.027	252	773161	42.841	ng	98
89) Benzo(k)fluoranthene	24.098	252	720727	40.634	ng	98
90) Benzo(a)pyrene	24.926	252	738215	48.015	ng	98
91) Dibenzo(a,h)anthracene	28.926	278	712194	40.718	ng	97
92) Benzo(g,h,i)perylene	30.048	276	714523	41.447	ng	98

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

Manual Integrations APPROVED

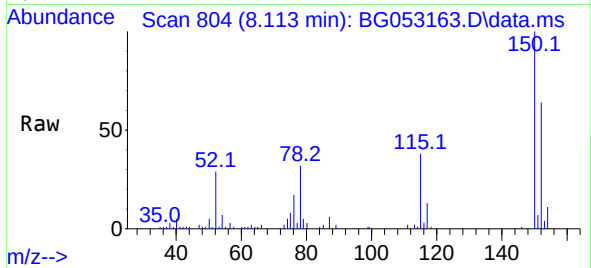
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

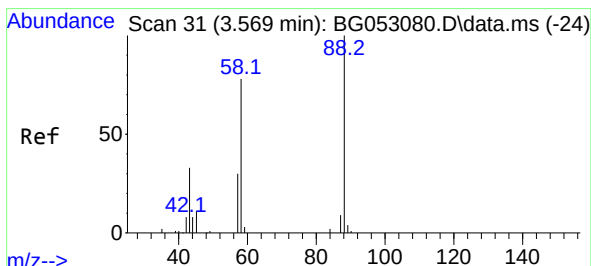
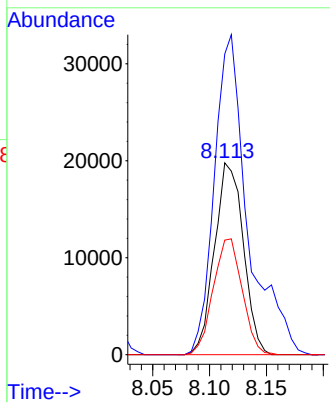
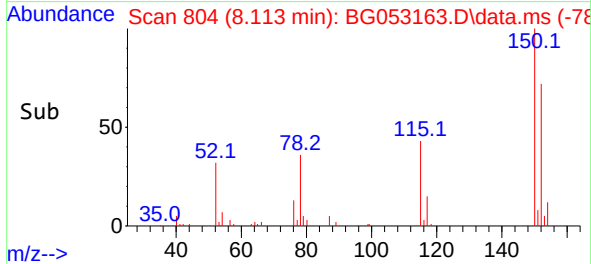
Instrument :
BNA_G
ClientSampleId :
PB144139BS



Tgt Ion:152 Resp: 34984
Ion Ratio Lower Upper
152 100
150 156.8 114.6 172.0
115 59.8 45.9 68.9

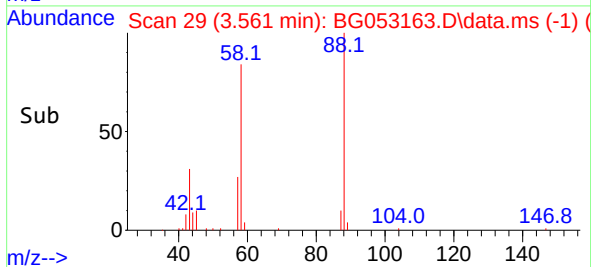
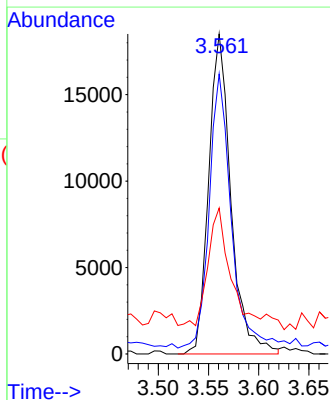
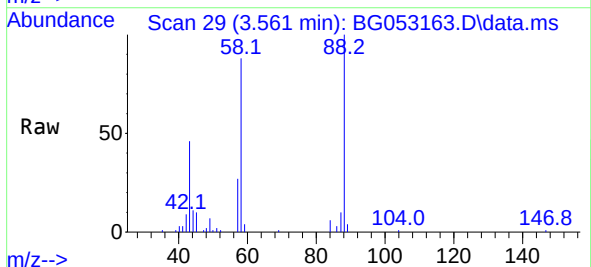
Manual Integrations
APPROVED

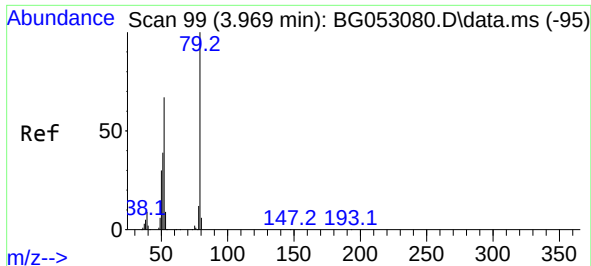
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#2
1,4-Dioxane
Concen: 29.320 ng
RT: 3.561 min Scan# 29
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion: 88 Resp: 28576
Ion Ratio Lower Upper
88 100
58 85.9 58.2 87.2
43 37.2 23.4 35.0#





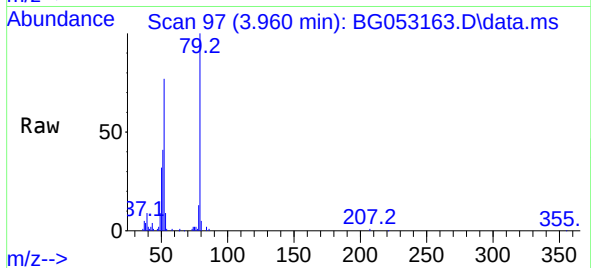
#3
Pyridine
Concen: 29.440 ng
RT: 3.960 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

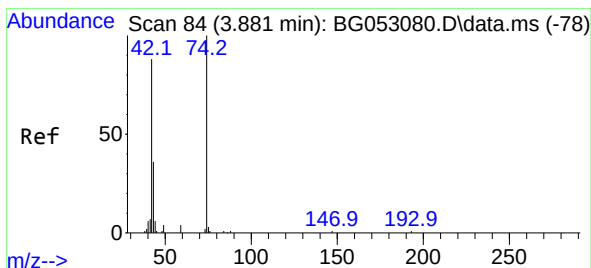
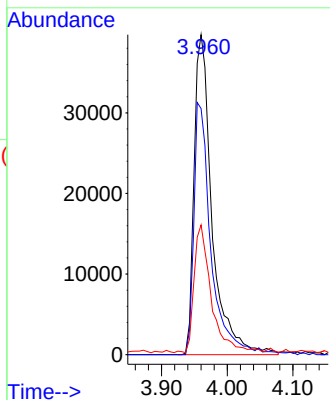
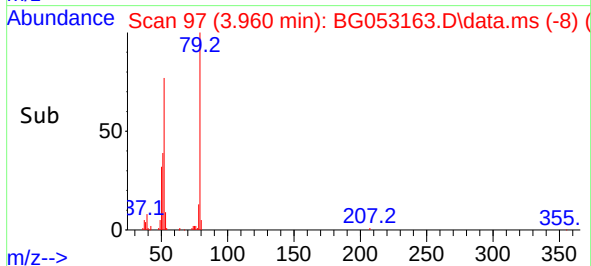


Tgt Ion: 79 Resp: 75670
Ion Ratio Lower Upper
79 100
52 76.9 50.9 76.3
51 40.5 24.4 36.6

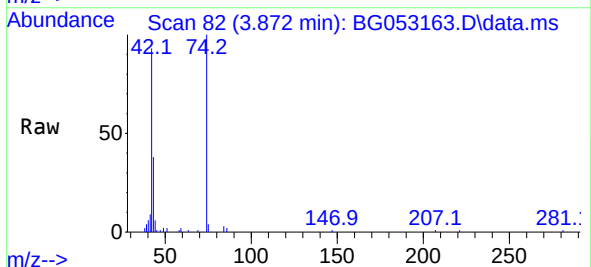
Manual Integrations

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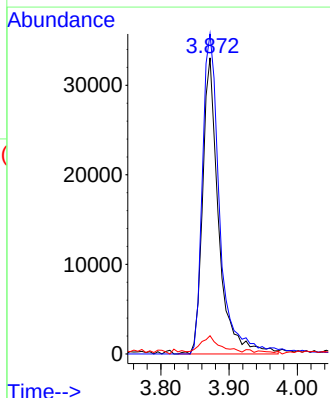
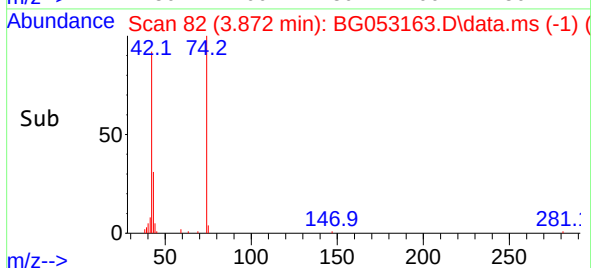
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

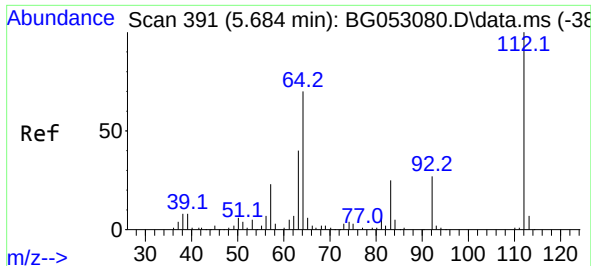


#4
n-Nitrosodimethylamine
Concen: 42.587 ng
RT: 3.872 min Scan# 82
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion: 42 Resp: 54210
Ion Ratio Lower Upper
42 100
74 108.0 108.9 163.3
44 6.2 5.7 8.5





#5
2-Fluorophenol
Concen: 135.459 ng
RT: 5.681 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

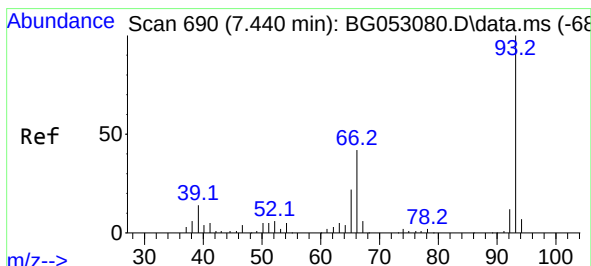
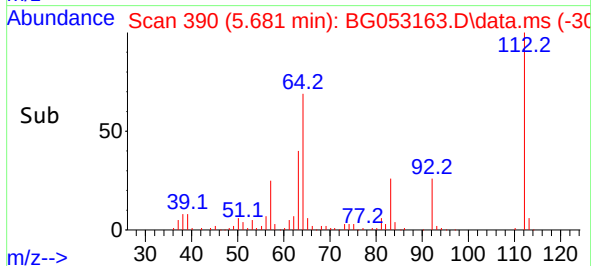
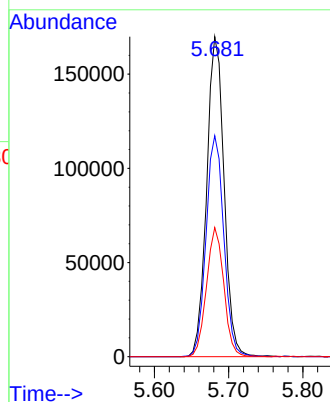
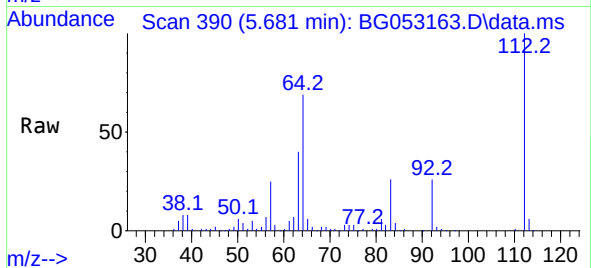
PB144139BS

Tgt Ion:112 Resp: 276452
Ion Ratio Lower Upper
112 100
64 69.1 48.0 72.0
63 40.4 26.5 39.7

Manual Integrations

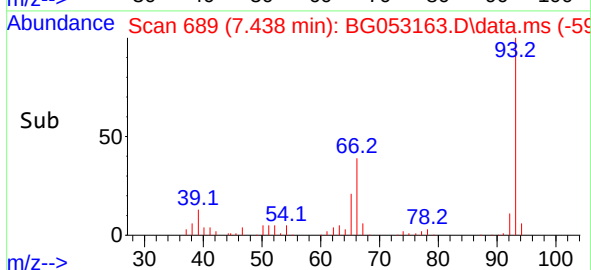
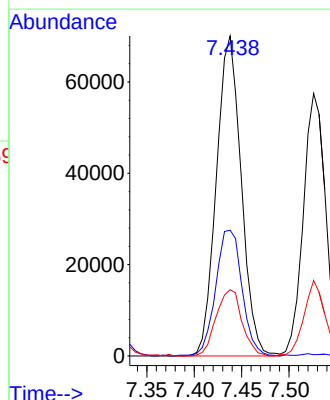
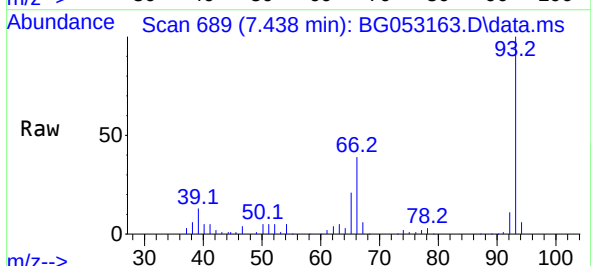
APPROVED

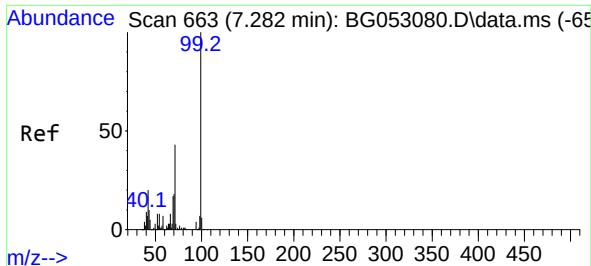
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#6
Aniline
Concen: 35.041 ng
RT: 7.438 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

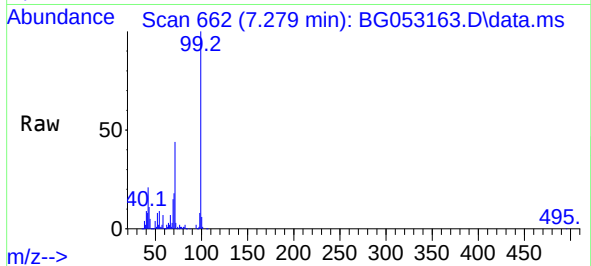
Tgt Ion: 93 Resp: 127809
Ion Ratio Lower Upper
93 100
66 39.3 31.3 46.9
65 20.7 16.7 25.1





#7
Phenol-d6
Concen: 126.414 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

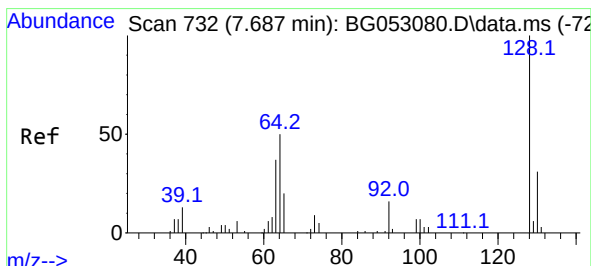
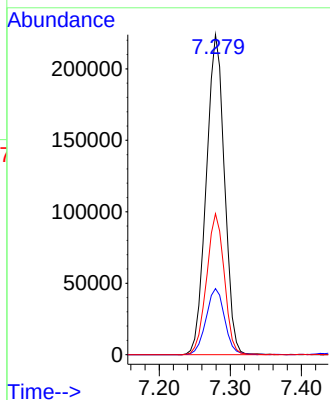
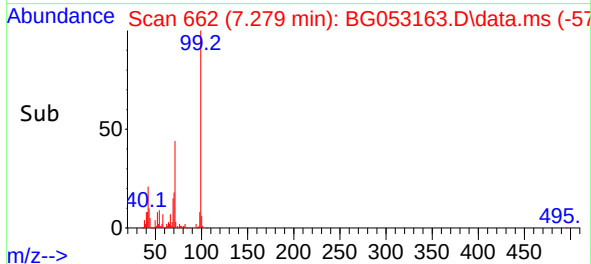
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ClientSampleId :
PB144139BS



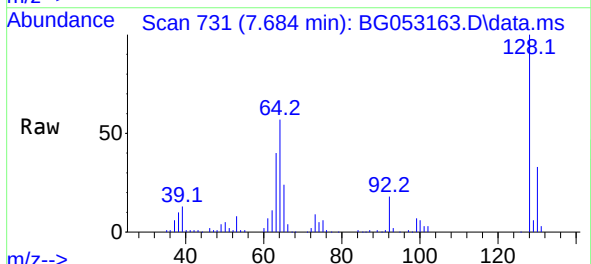
Tgt Ion: 99 Resp: 39785
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 44.1 29.2 43.8

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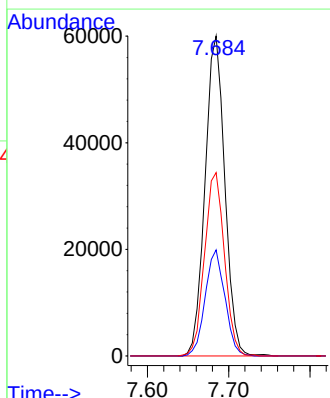
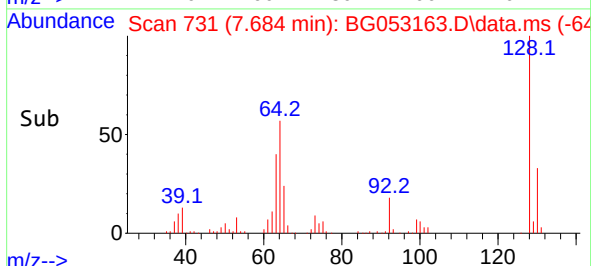
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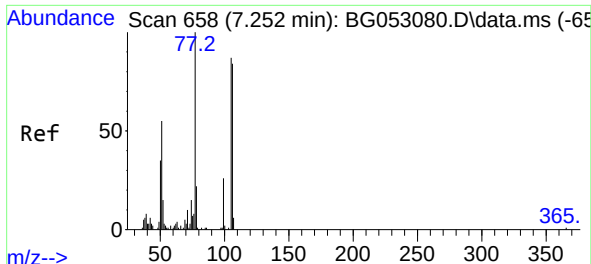


#8
2-Chlorophenol
Concen: 46.017 ng
RT: 7.684 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



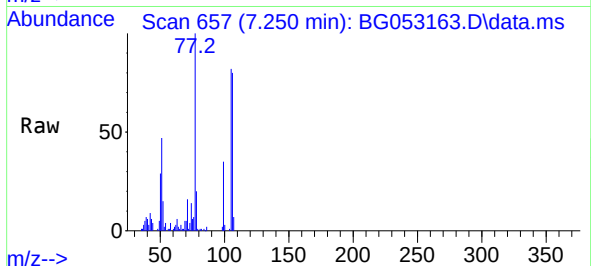
Tgt Ion:128 Resp: 101388
Ion Ratio Lower Upper
128 100
130 33.1 13.4 53.4
64 57.3 30.9 70.9





#9
Benzaldehyde
Concen: 30.656 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

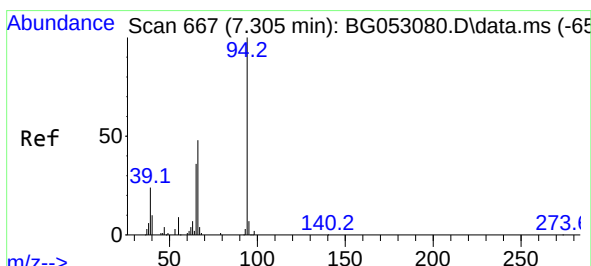
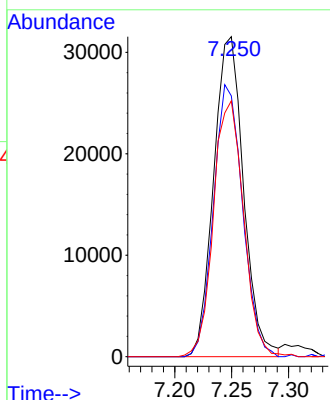
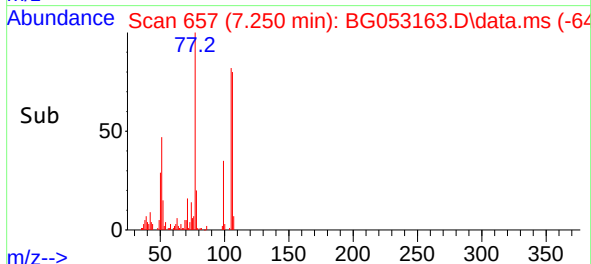
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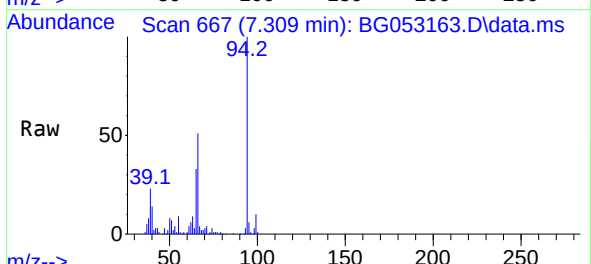
Tgt Ion: 77 Resp: 5767
Ion Ratio Lower Upper
77 100
105 81.5 70.6 110.6
106 79.9 67.6 107.6

Manual Integrations
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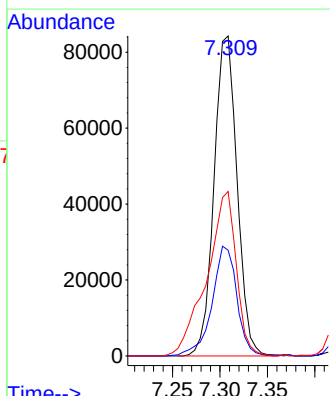
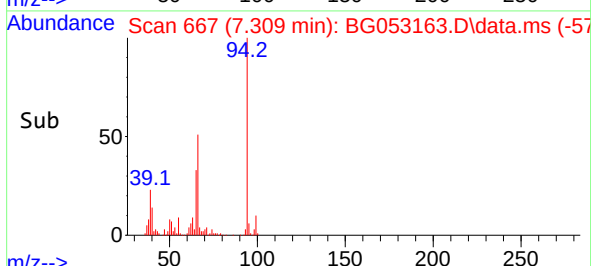
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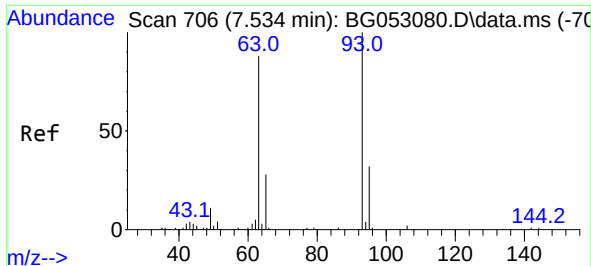


#10
Phenol
Concen: 45.531 ng
RT: 7.309 min Scan# 667
Delta R.T. 0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion: 94 Resp: 142636
Ion Ratio Lower Upper
94 100
65 33.1 11.1 51.1
66 51.4 20.0 60.0





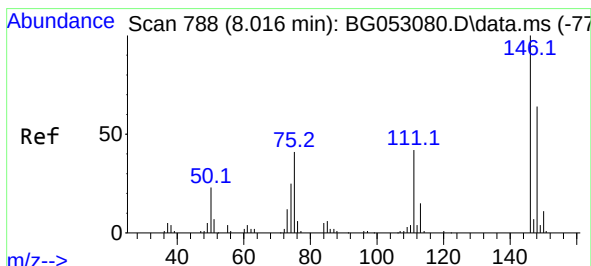
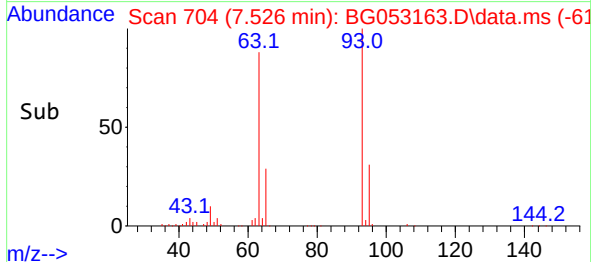
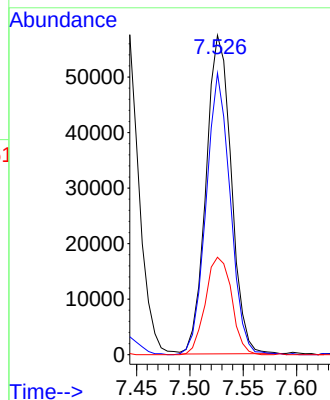
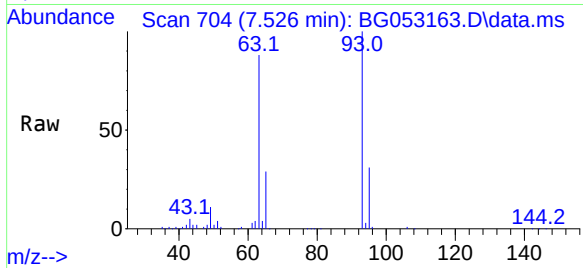
#11
bis(2-Chloroethyl)ether
Concen: 41.770 ng
RT: 7.526 min Scan# 704
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :
BNA_G
ClientSampleId :
PB144139BS

Tgt Ion: 93 Resp: 9432
Ion Ratio Lower Upper
93 100
63 88.1 56.9 96.9
95 30.5 14.5 54.5

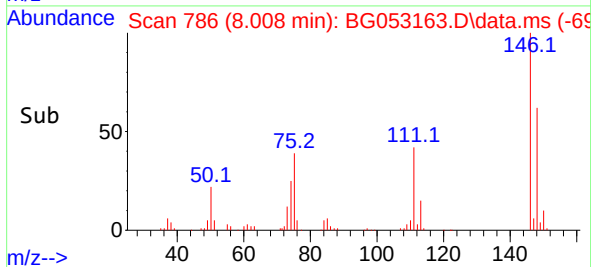
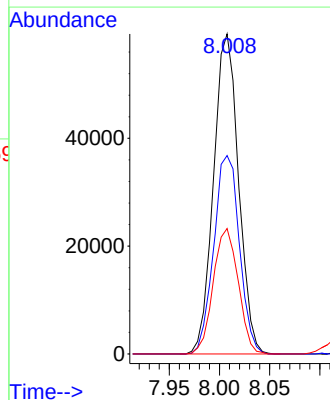
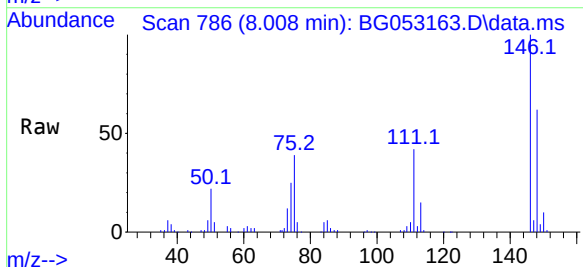
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

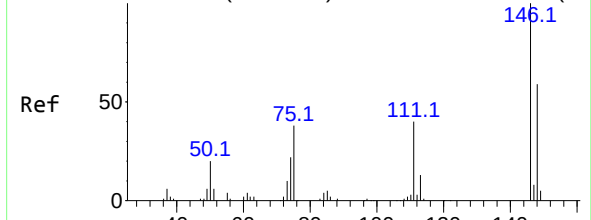


#12
1,3-Dichlorobenzene
Concen: 40.057 ng
RT: 8.008 min Scan# 786
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:146 Resp: 102557
Ion Ratio Lower Upper
146 100
148 62.0 50.6 76.0
75 39.2 25.9 38.9#

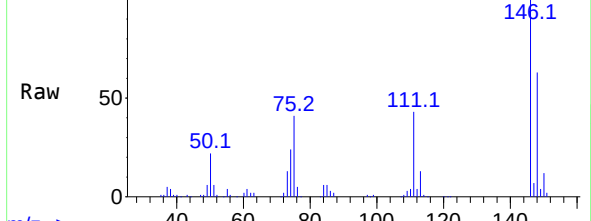


Abundance Scan 812 (8.157 min): BG053080.D\data.ms (-80



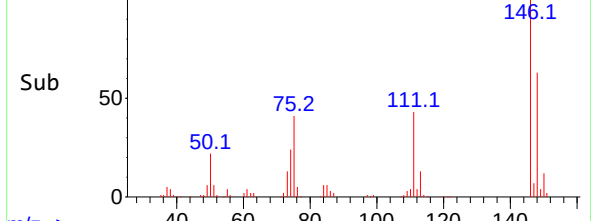
m/z-->

Abundance Scan 811 (8.154 min): BG053163.D\data.ms



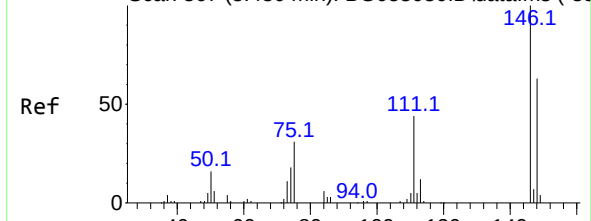
m/z-->

Abundance Scan 811 (8.154 min): BG053163.D\data.ms (-72



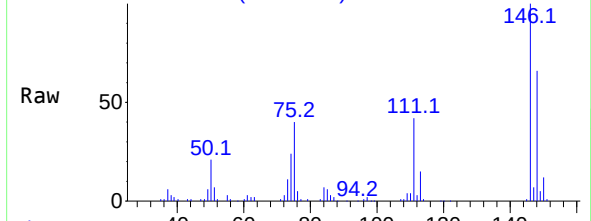
m/z-->

Abundance Scan 867 (8.480 min): BG053080.D\data.ms (-85



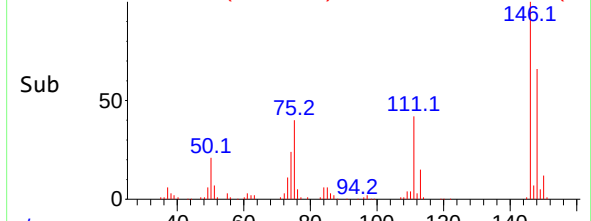
m/z-->

Abundance Scan 865 (8.472 min): BG053163.D\data.ms



m/z-->

Abundance Scan 865 (8.472 min): BG053163.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 39.380 ng

RT: 8.154 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Tgt Ion:146 Resp: 10278

Ion Ratio Lower Upper

146 100

148 62.6 50.0 75.0

111 43.1 31.0 46.4

Instrument :

BNA_G

ClientSampleId :

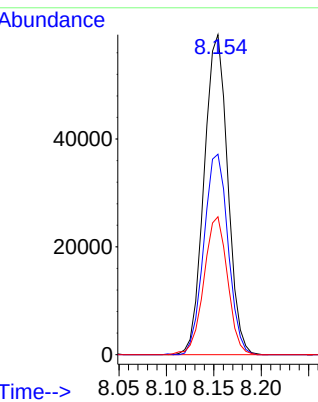
PB144139BS

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#14

1,2-Dichlorobenzene

Concen: 41.130 ng

RT: 8.472 min Scan# 865

Delta R.T. -0.009 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

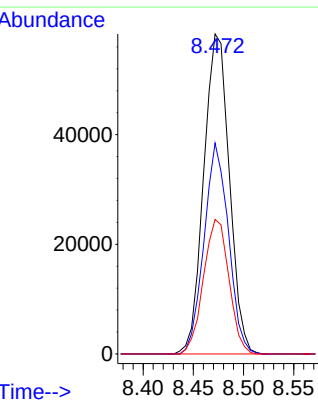
Tgt Ion:146 Resp: 103524

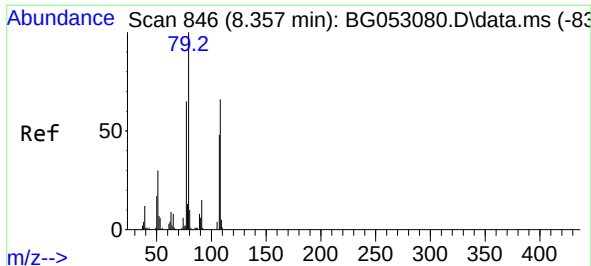
Ion Ratio Lower Upper

146 100

148 65.9 51.0 76.6

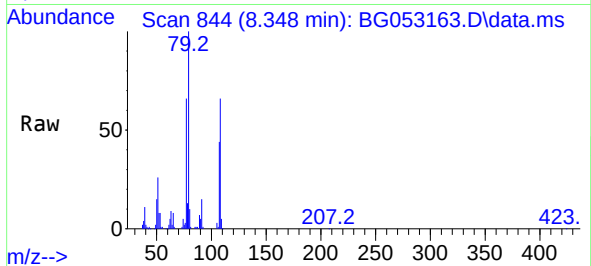
111 42.1 34.7 52.1





#15
Benzyl Alcohol
Concen: 42.250 ng
RT: 8.348 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

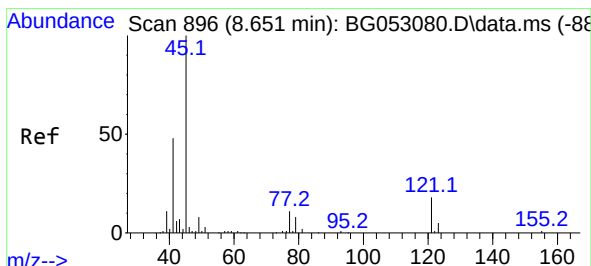
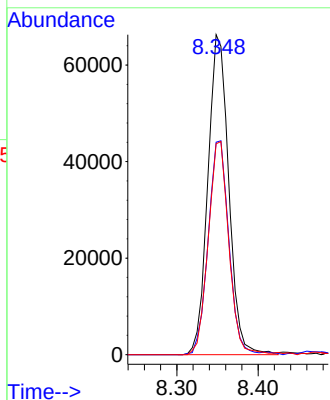
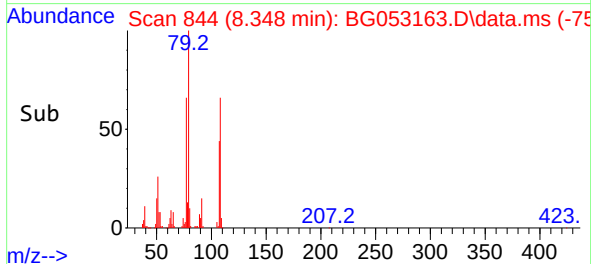
Instrument :
BNA_G
ClientSampleId :
PB144139BS



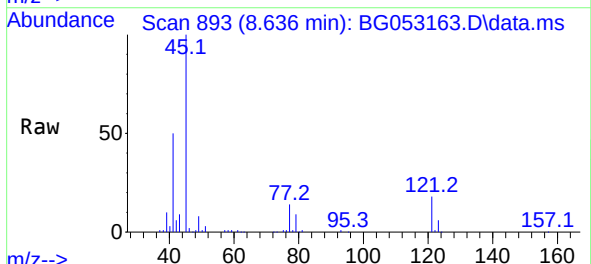
Tgt Ion: 79 Resp: 118190
Ion Ratio Lower Upper
79 100
108 66.4 55.1 82.7
77 65.9 52.4 78.6

Manual Integrations
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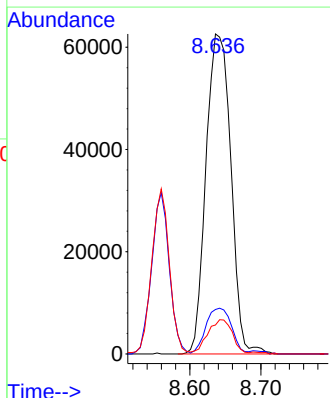
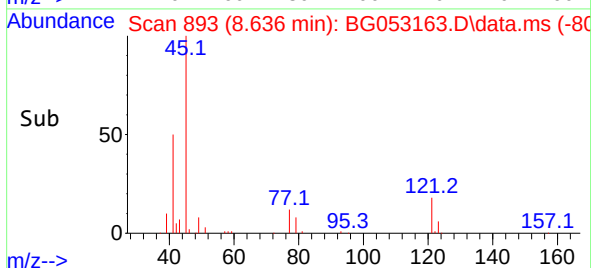
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

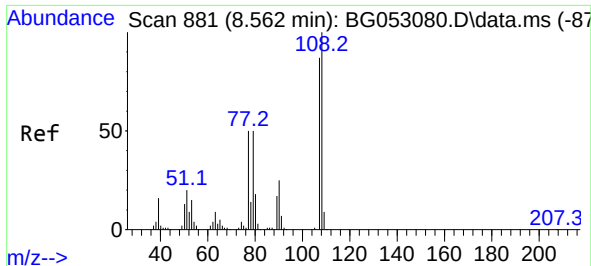


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.384 ng
RT: 8.636 min Scan# 893
Delta R.T. -0.014 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion: 45 Resp: 152256
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.9
79 9.1 0.0 30.7





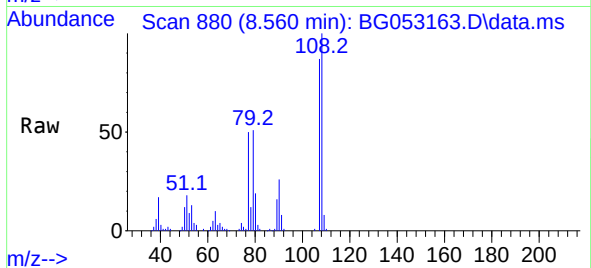
#17
2-Methylphenol
Concen: 44.195 ng
RT: 8.560 min Scan# 881
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

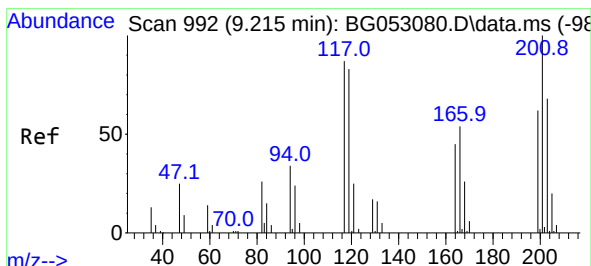
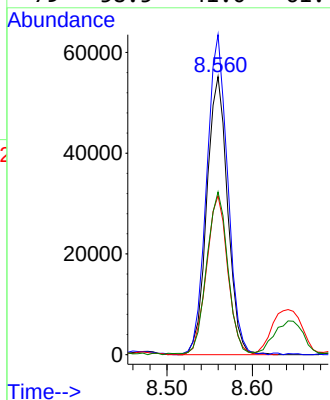
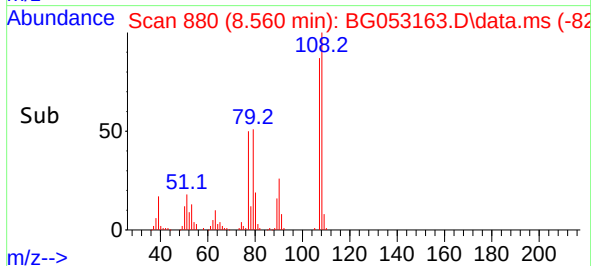


Tgt Ion:107 Resp: 93690
Ion Ratio Lower Upper
107 100
108 115.1 91.5 137.3
77 57.1 42.5 63.7
79 58.5 41.0 61.4

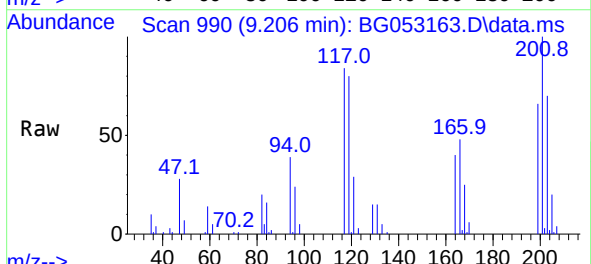
Manual Integrations

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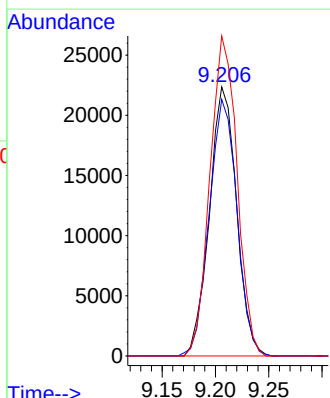
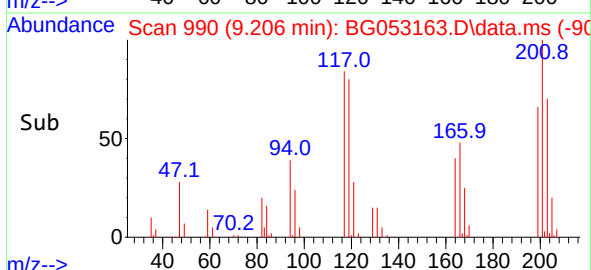
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Supervised By :Jagrut Upadhyay 04/18/2022

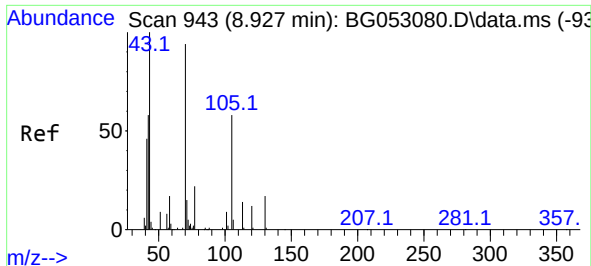


#18
Hexachloroethane
Concen: 40.336 ng
RT: 9.206 min Scan# 990
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:117 Resp: 39480
Ion Ratio Lower Upper
117 100
119 95.3 75.1 112.7
201 118.9 96.6 145.0





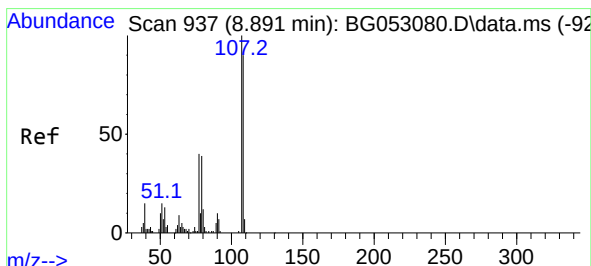
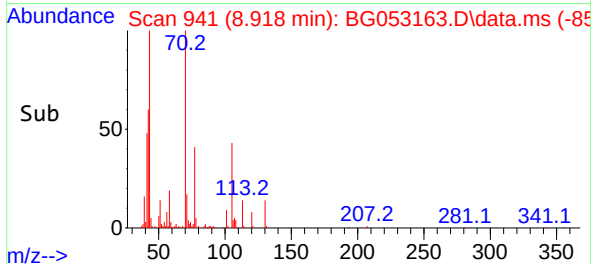
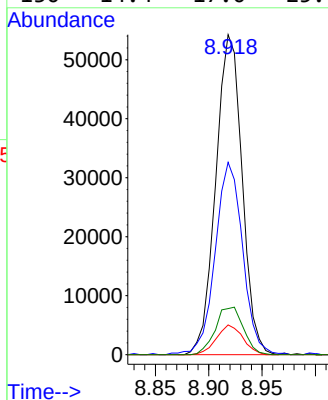
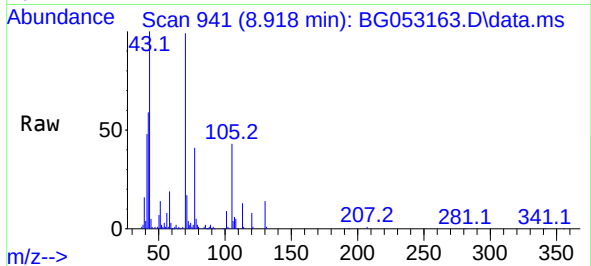
#19
n-Nitroso-di-n-propylamine
Concen: 40.429 ng
RT: 8.918 min Scan# 941
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :
BNA_G
ClientSampleId :
PB144139BS

Tgt Ion: 70 Resp: 9315
Ion Ratio Lower Upper
70 100
42 60.1 46.0 69.0
101 9.3 6.2 9.4
130 14.4 17.0 25.4#

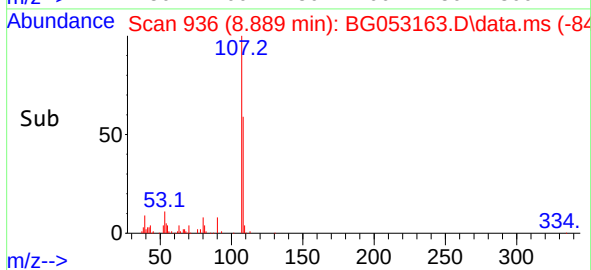
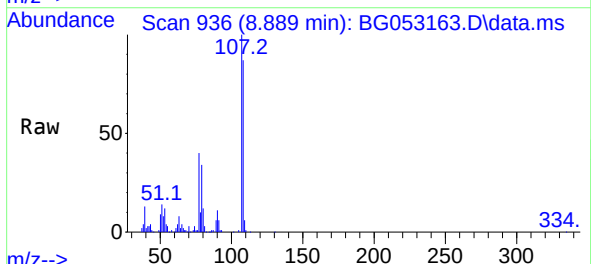
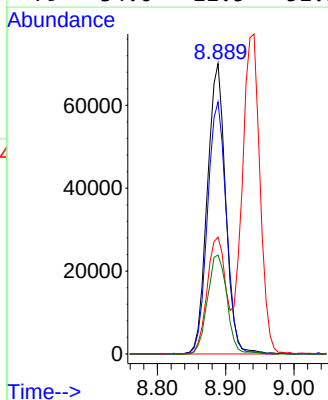
Manual Integrations
APPROVED

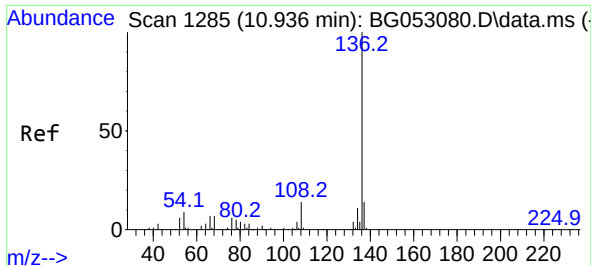
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#20
3+4-Methylphenols
Concen: 43.769 ng
RT: 8.889 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:107 Resp: 130984
Ion Ratio Lower Upper
107 100
108 86.7 64.8 104.8
77 40.2 15.9 55.9
79 34.0 11.5 51.5





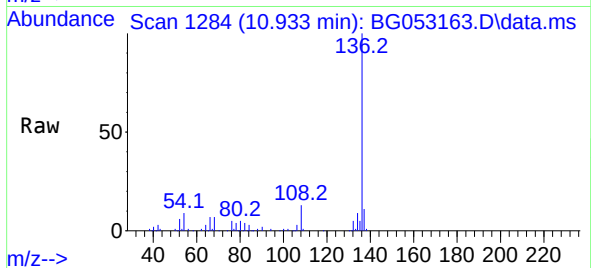
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

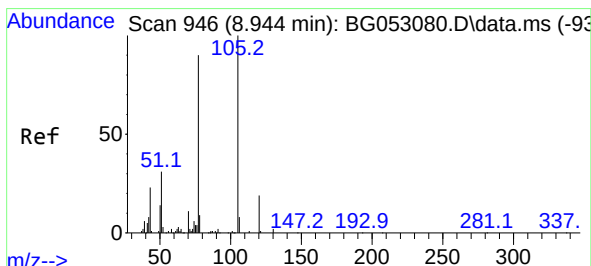
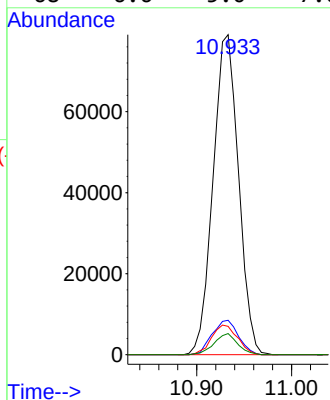
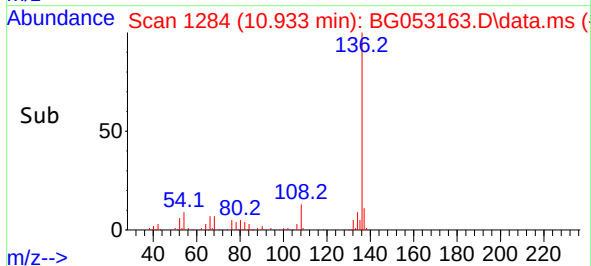


Tgt Ion:136 Resp: 147140
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 8.9 6.4 9.6
68 6.6 5.0 7.6

Manual Integrations

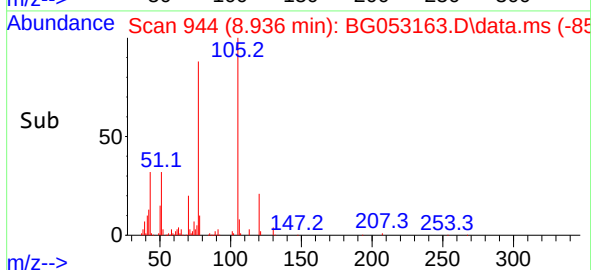
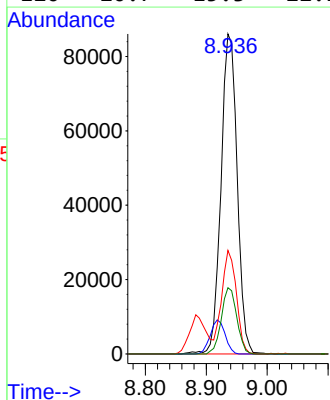
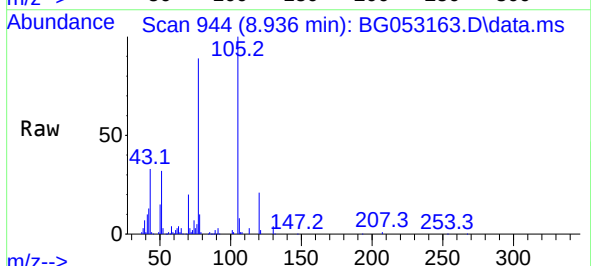
APPROVED

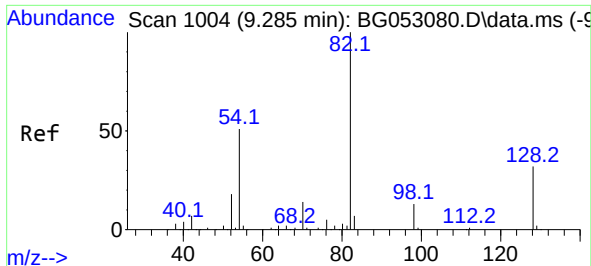
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#22
Acetophenone
Concen: 38.804 ng
RT: 8.936 min Scan# 944
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:105 Resp: 158407
Ion Ratio Lower Upper
105 100
71 3.4 2.1 3.1#
51 32.4 21.9 32.9
120 20.7 15.3 22.9





#23
Nitrobenzene-d5
Concen: 75.422 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

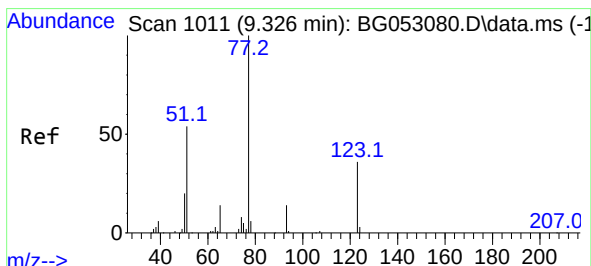
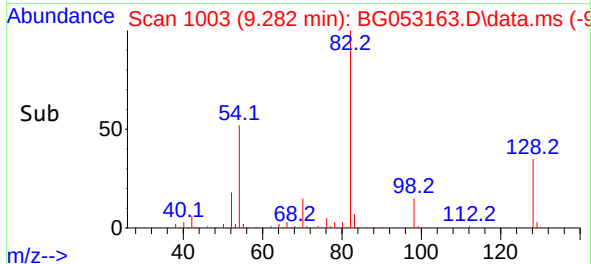
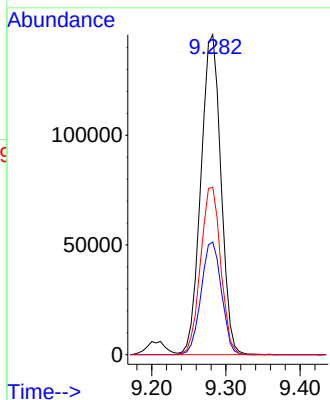
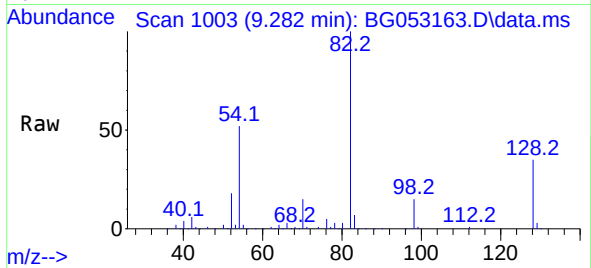
PB144139BS

Tgt Ion: 82 Resp: 273328
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 52.3 37.8 56.8

Manual Integrations

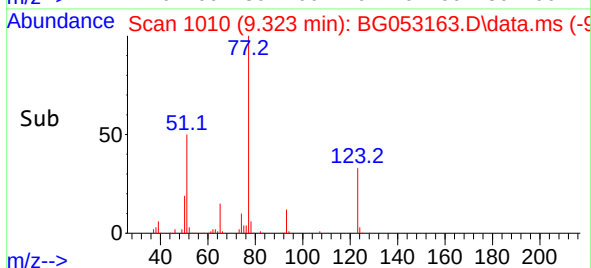
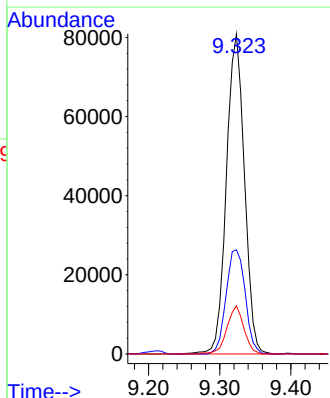
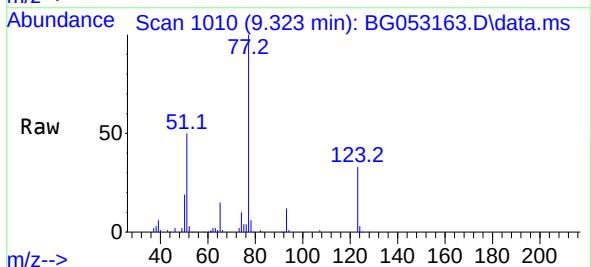
APPROVED

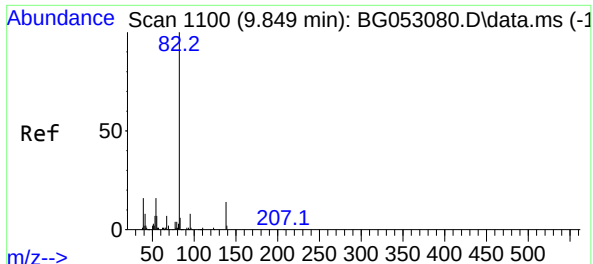
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#24
Nitrobenzene
Concen: 40.355 ng
RT: 9.323 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

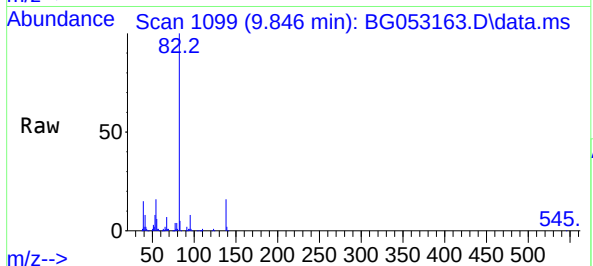
Tgt Ion: 77 Resp: 142249
Ion Ratio Lower Upper
77 100
123 32.5 34.4 51.6#
65 15.1 11.2 16.8





#25
Isophorone
Concen: 41.821 ng
RT: 9.846 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

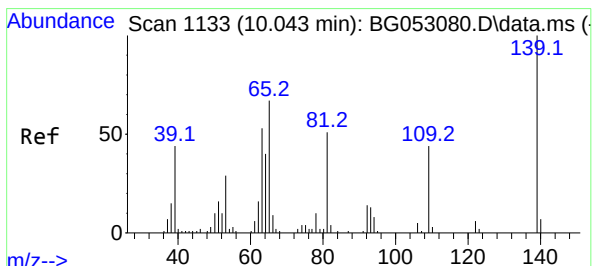
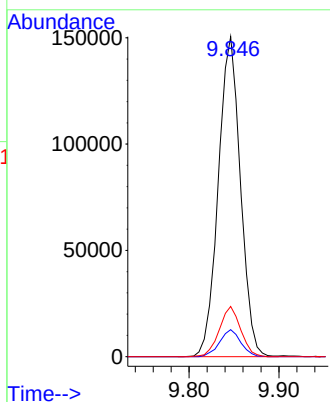
Instrument :
BNA_G
ClientSampleId :
PB144139BS



Tgt Ion: 82 Resp: 257609
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.6
138 15.7 12.6 18.8

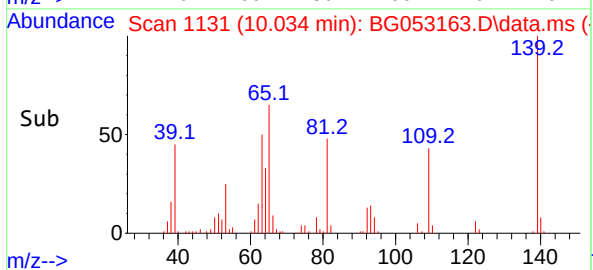
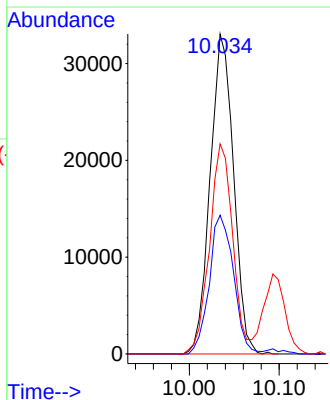
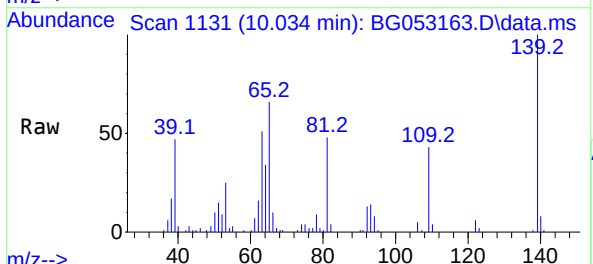
Manual Integrations
APPROVED

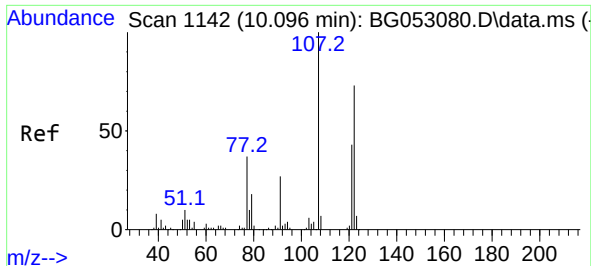
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#26
2-Nitrophenol
Concen: 40.481 ng
RT: 10.034 min Scan# 1131
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:139 Resp: 59669
Ion Ratio Lower Upper
139 100
109 43.4 29.4 44.0
65 65.6 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 48.206 ng

RT: 10.093 min Scan# 1142

Delta R.T. -0.003 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

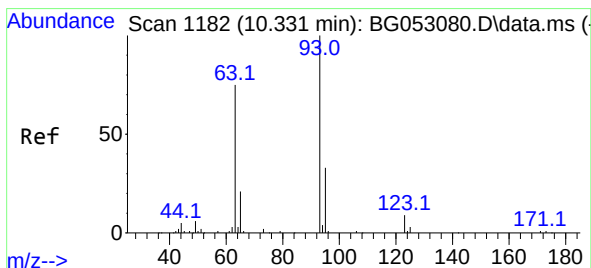
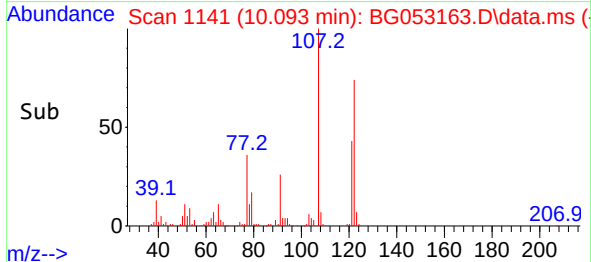
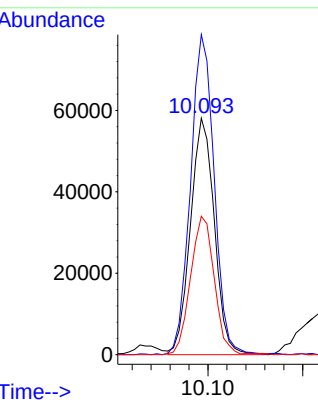
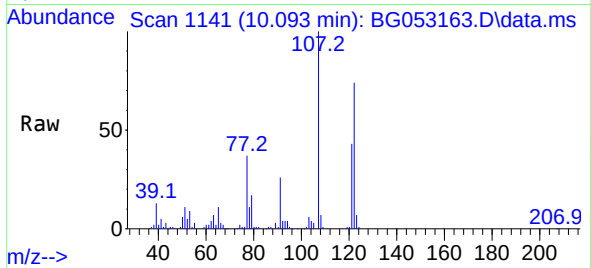
Tgt Ion:	122	Resp:	10176
Ion	Ratio	Lower	Upper
122	100		
107	135.3	96.7	145.1
121	58.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.390 ng

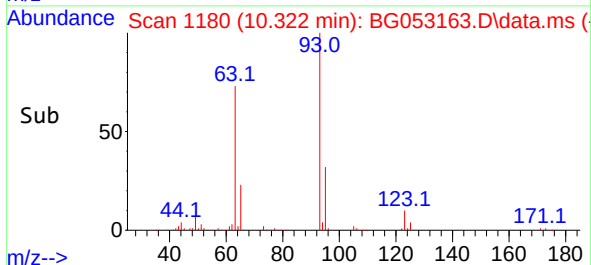
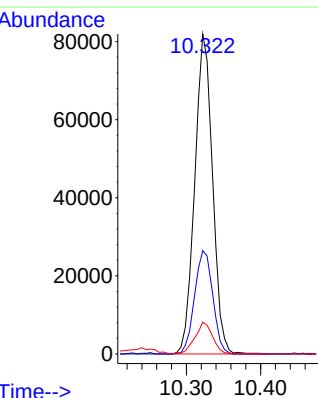
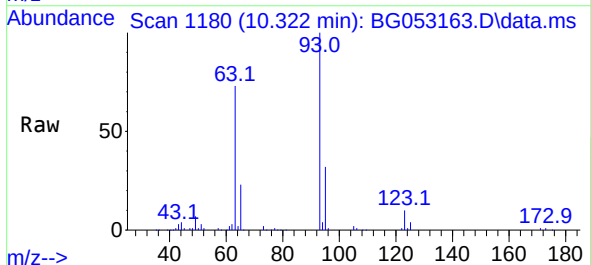
RT: 10.322 min Scan# 1180

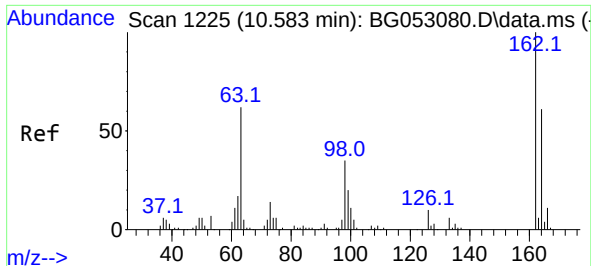
Delta R.T. -0.009 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Tgt Ion:	93	Resp:	136310
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.0	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 43.271 ng

RT: 10.581 min Scan# 11483

Delta R.T. -0.003 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

Tgt Ion:162 Resp: 11483

Ion Ratio Lower Upper

162 100

164 61.4 44.0 84.0

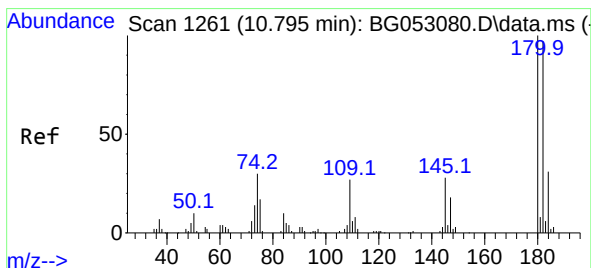
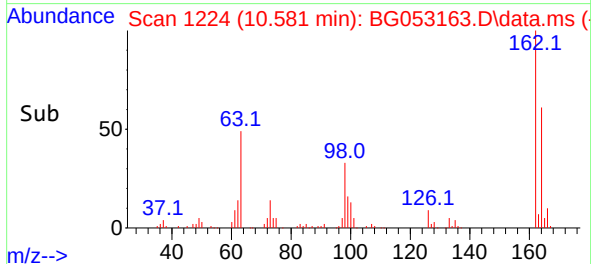
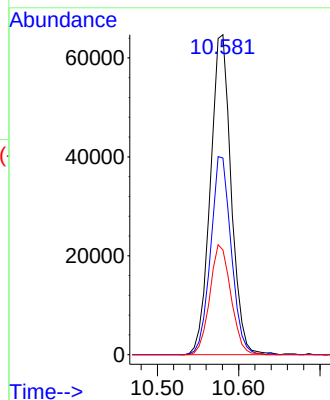
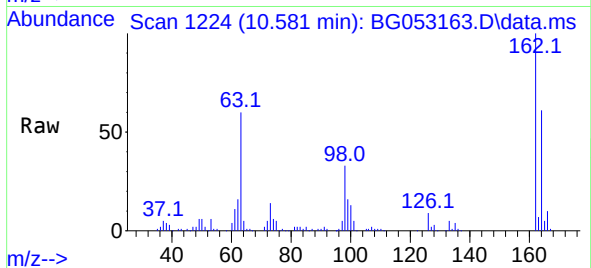
98 32.8 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.485 ng

RT: 10.792 min Scan# 1260

Delta R.T. -0.003 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

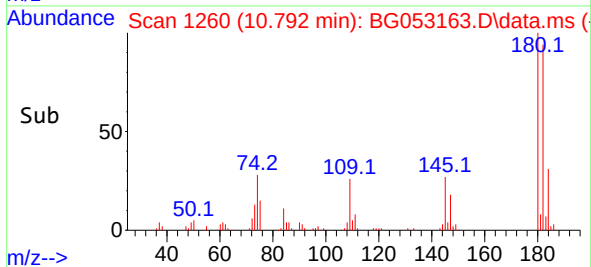
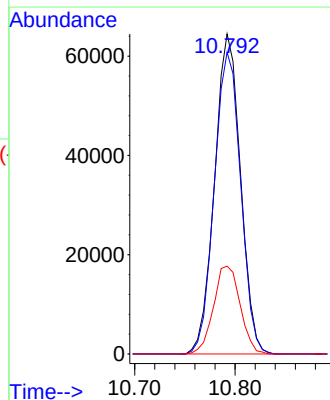
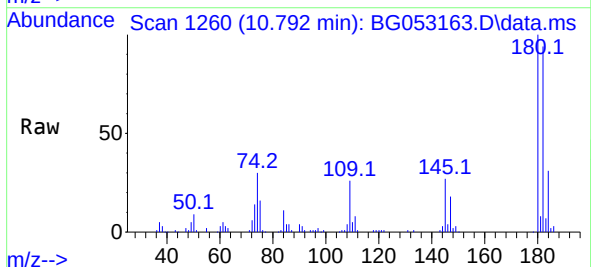
Tgt Ion:180 Resp: 115594

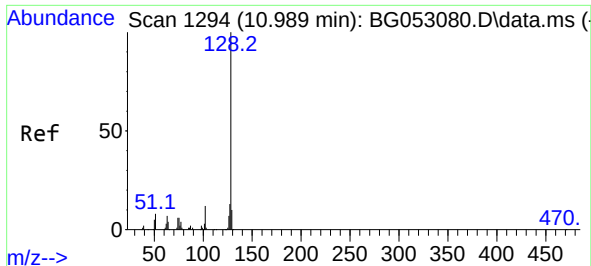
Ion Ratio Lower Upper

180 100

182 94.3 77.8 116.6

145 27.4 24.4 36.6





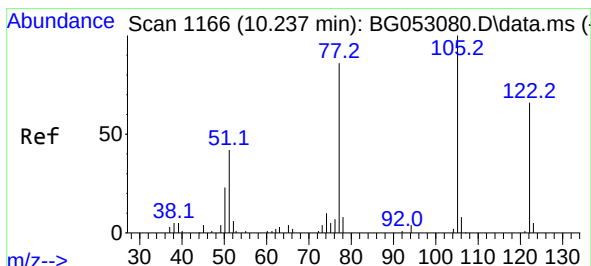
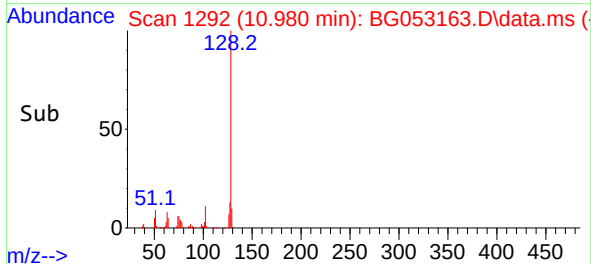
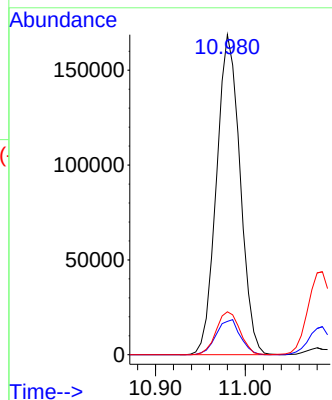
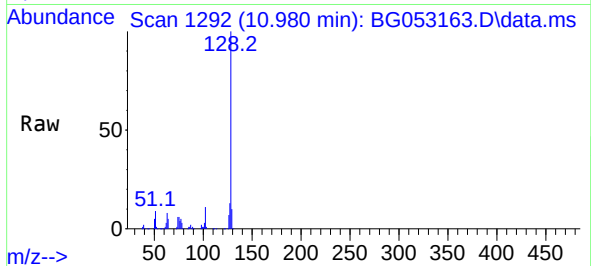
#31
Naphthalene
Concen: 39.182 ng
RT: 10.980 min Scan# 1167
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :
BNA_G
ClientSampleId :
PB144139BS

Tgt Ion:128 Resp: 307600
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.4 10.5 15.7

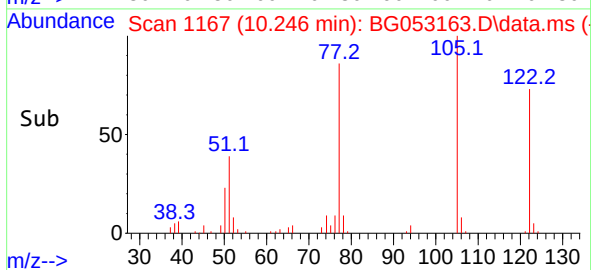
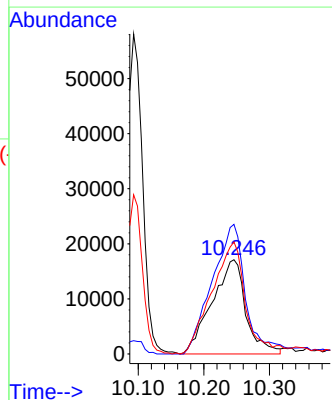
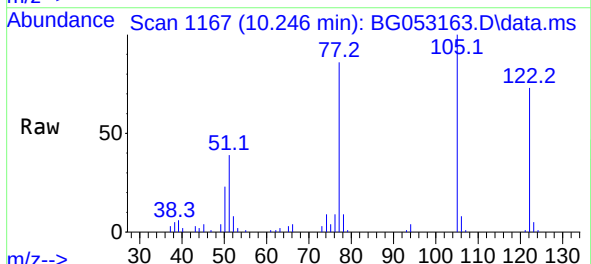
Manual Integrations
APPROVED

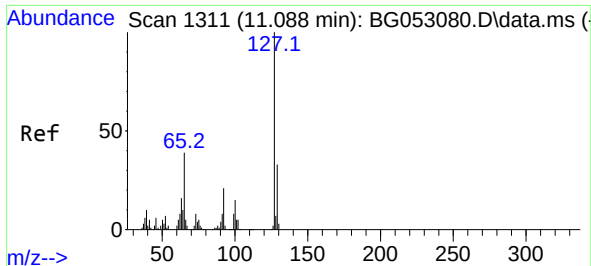
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#32
Benzoic acid
Concen: 44.983 ng
RT: 10.246 min Scan# 1167
Delta R.T. 0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:122 Resp: 61462
Ion Ratio Lower Upper
122 100
105 137.6 112.8 152.8
77 118.9 78.4 118.4#





#33
4-Chloroaniline
Concen: 25.782 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

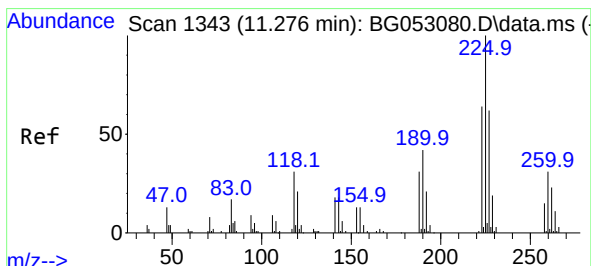
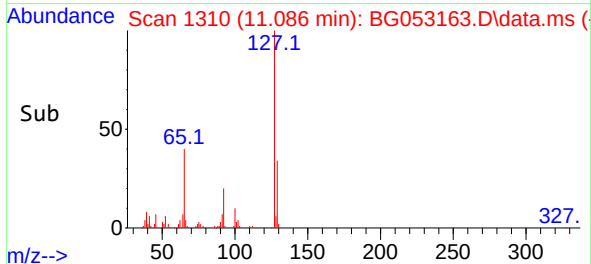
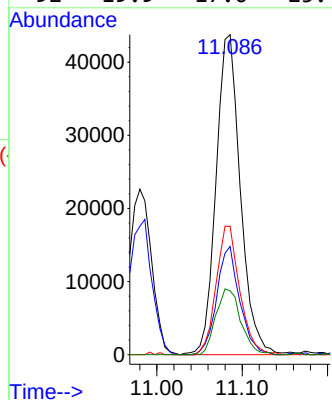
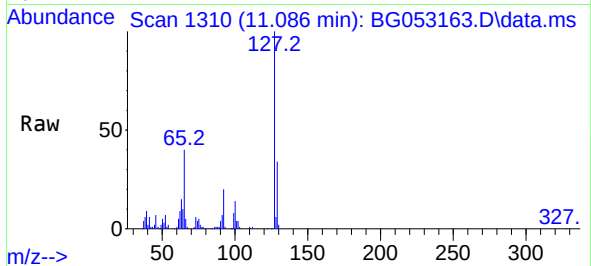
PB144139BS

Tgt Ion:127 Resp: 86670
Ion Ratio Lower Upper
127 100
129 33.8 27.6 41.4
65 40.2 28.2 42.4
92 19.9 17.0 25.4

Manual Integrations

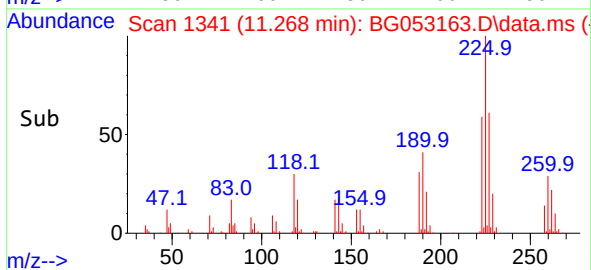
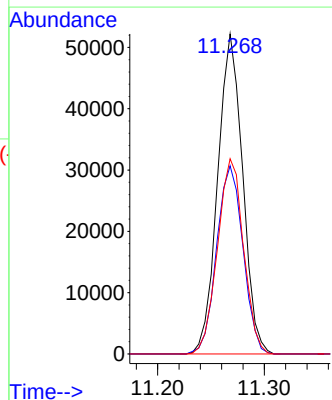
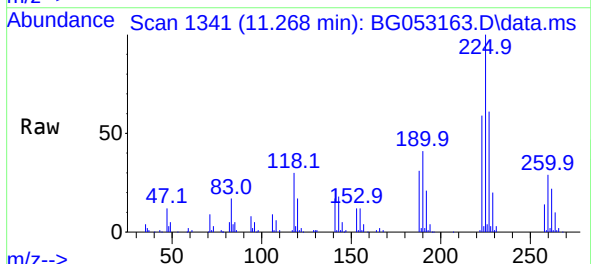
APPROVED

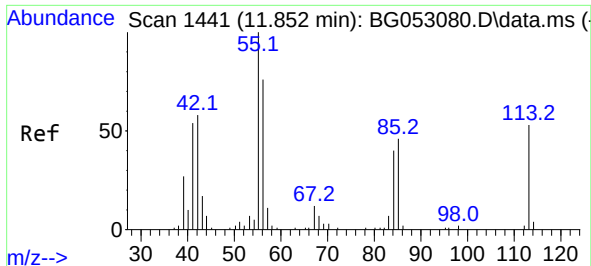
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#34
Hexachlorobutadiene
Concen: 37.995 ng
RT: 11.268 min Scan# 1341
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

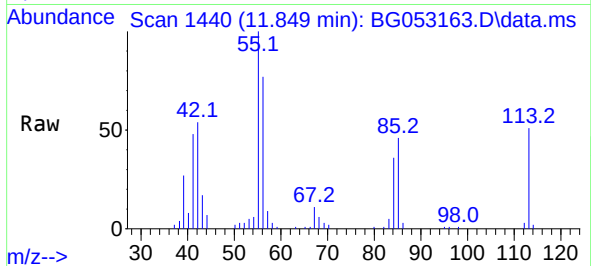
Tgt Ion:225 Resp: 84773
Ion Ratio Lower Upper
225 100
223 58.8 50.2 75.2
227 61.0 52.0 78.0





#35
Caprolactam
Concen: 38.835 ng m
RT: 11.849 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

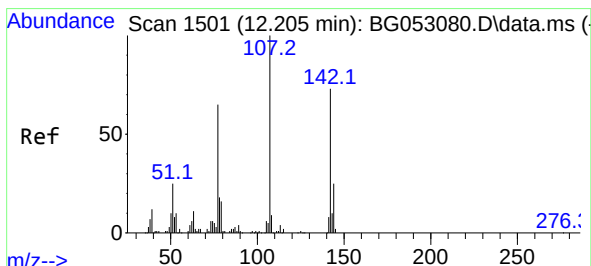
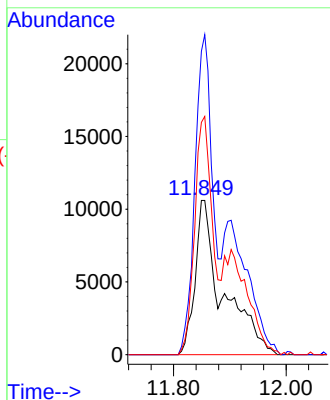
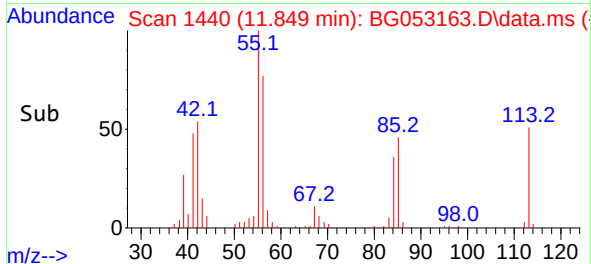
Instrument :
BNA_G
ClientSampleId :
PB144139BS



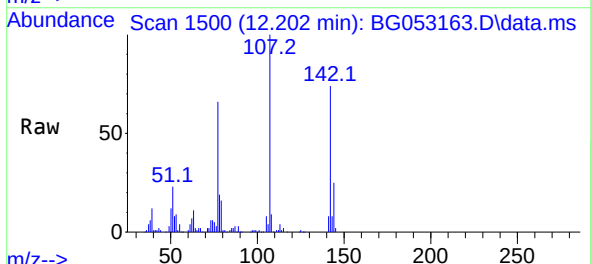
Tgt Ion:113 Resp: 36328
Ion Ratio Lower Upper
113 100
55 196.6 151.3 191.3
56 150.6 128.5 168.5

Manual Integrations
APPROVED

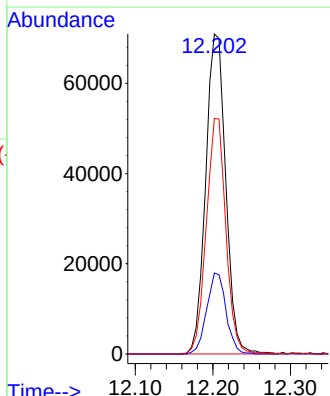
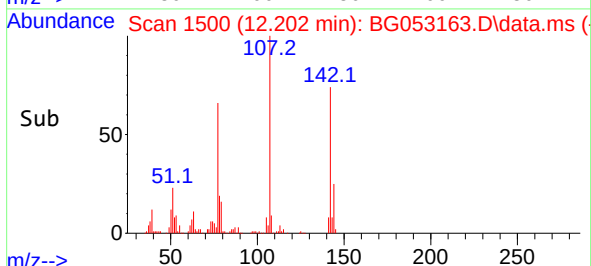
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

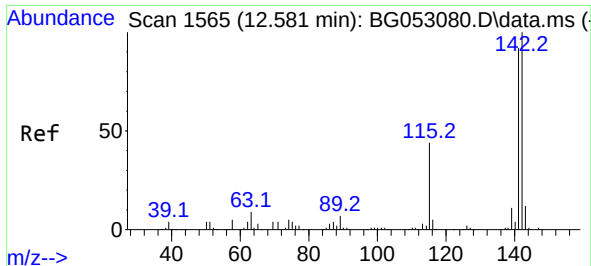


#36
4-Chloro-3-methylphenol
Concen: 41.336 ng
RT: 12.202 min Scan# 1500
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:107 Resp: 127711
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 73.6 61.7 92.5





#37

2-Methylnaphthalene

Concen: 39.176 ng

RT: 12.578 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

Tgt Ion:142 Resp: 227570

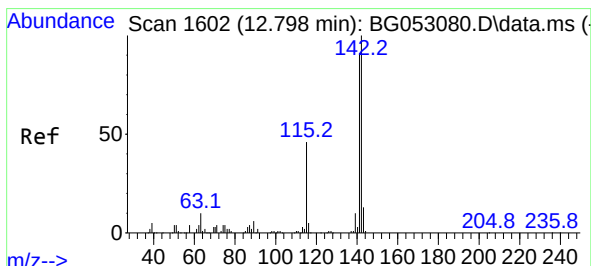
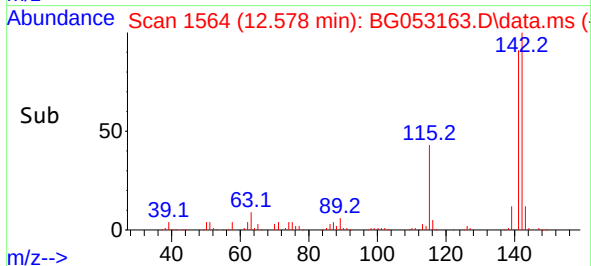
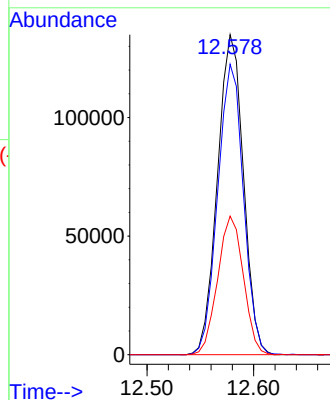
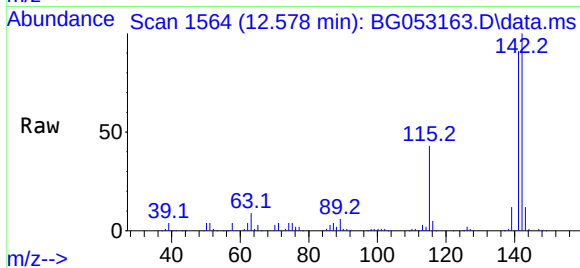
Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	43.3	29.5	44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#38

1-Methylnaphthalene

Concen: 38.489 ng

RT: 12.795 min Scan# 1601

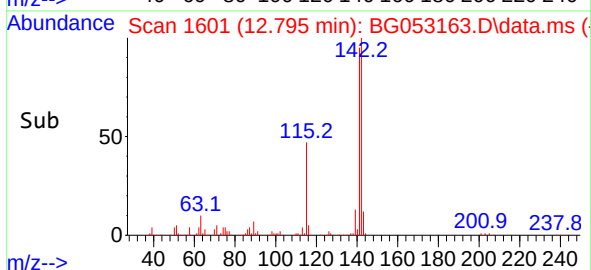
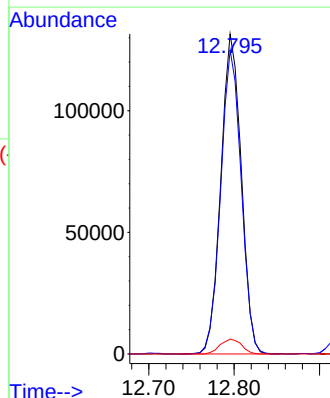
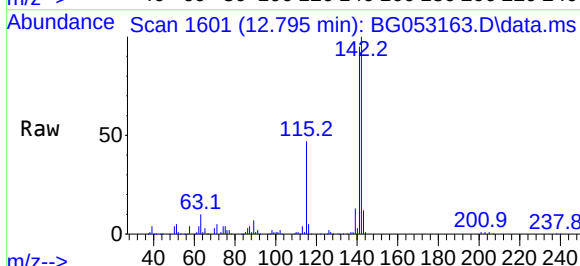
Delta R.T. -0.003 min

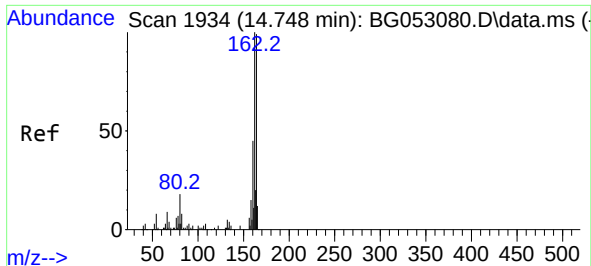
Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Tgt Ion:142 Resp: 218245

Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.5	105.7
116	4.7	3.1	4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

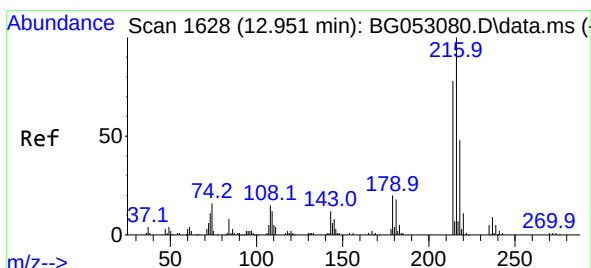
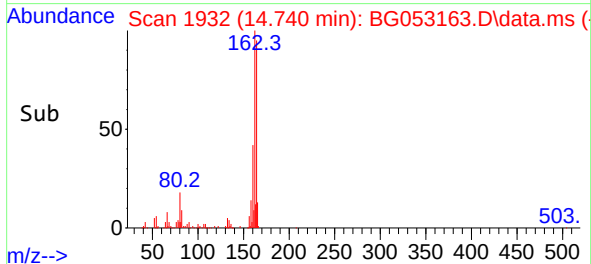
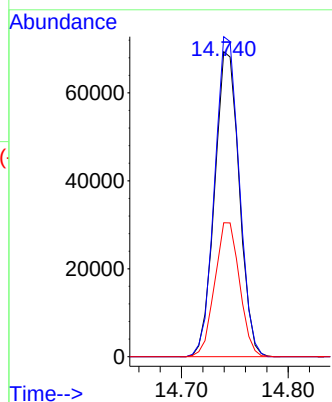
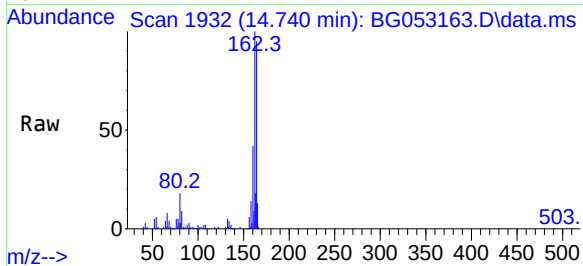
PB144139BS

Tgt Ion:164 Resp: 11116
Ion Ratio Lower Upper
164 100
162 104.9 80.0 120.0
160 43.9 38.8 58.2

Manual Integrations

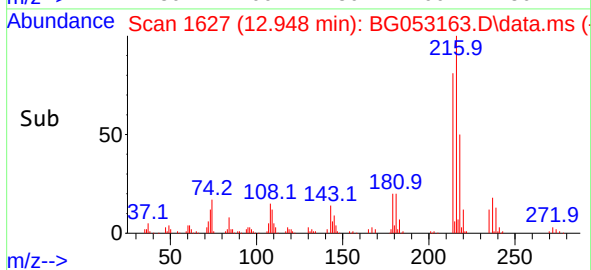
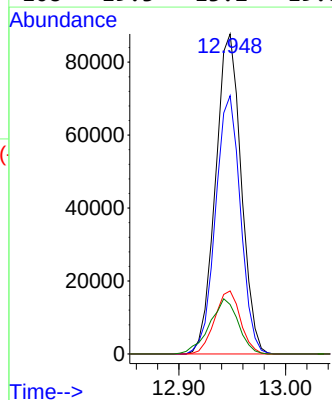
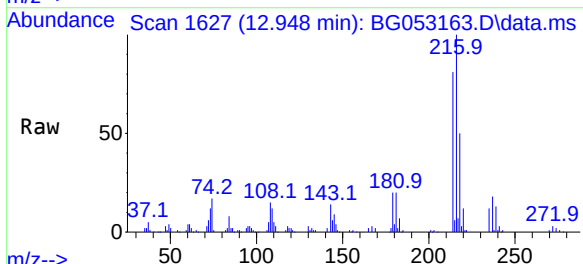
APPROVED

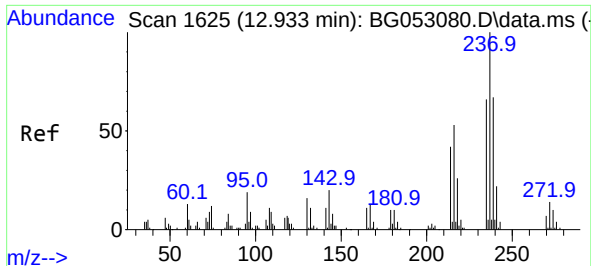
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.806 ng
RT: 12.948 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

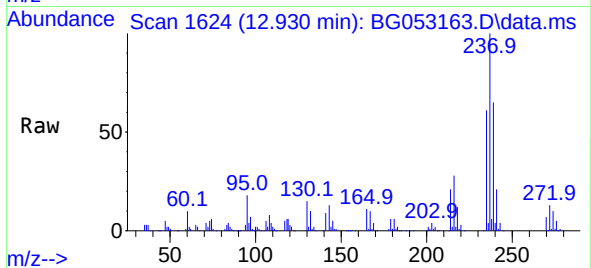
Tgt Ion:216 Resp: 146510
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 19.8 15.7 23.5
108 19.3 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 90.741 ng
RT: 12.930 min Scan# 1624
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

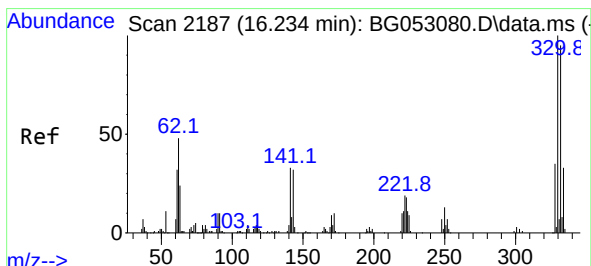
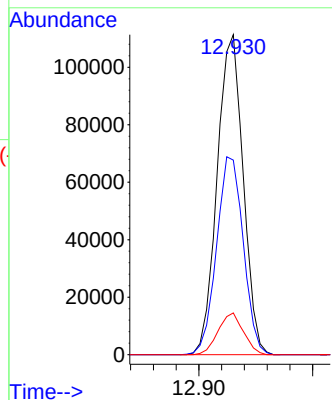
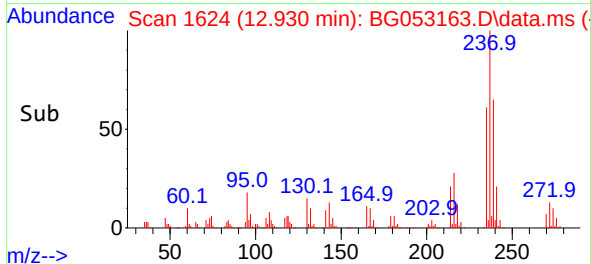
Instrument :
BNA_G
ClientSampleId :
PB144139BS



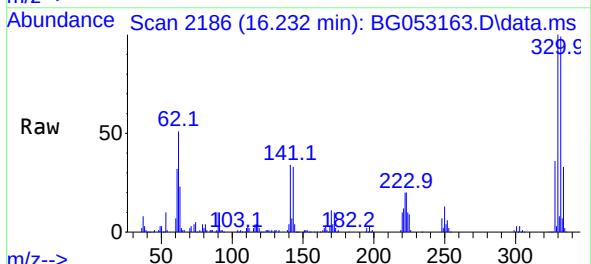
Tgt Ion:237 Resp: 176850
Ion Ratio Lower Upper
237 100
235 60.8 37.7 77.7
272 13.1 0.0 30.7

Manual Integrations
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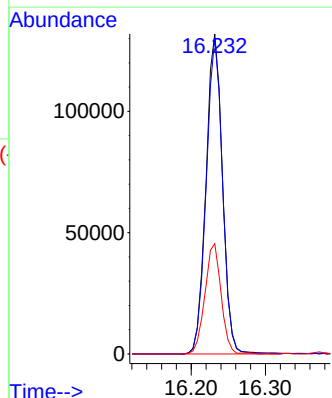
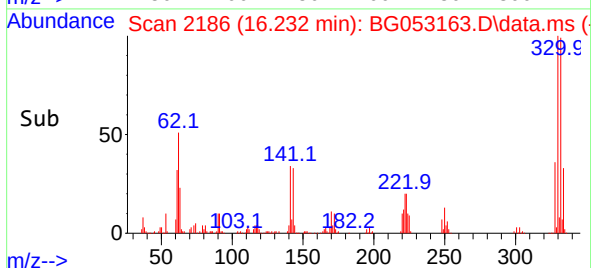
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

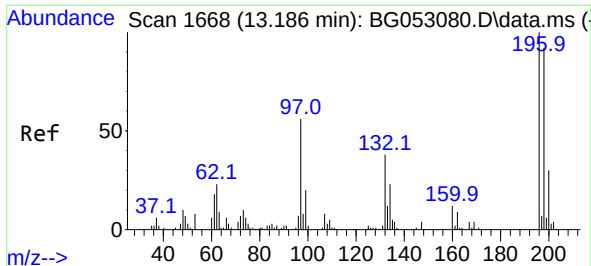


#42
2,4,6-Tribromophenol
Concen: 115.053 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:330 Resp: 203474
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.7 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 39.927 ng
RT: 13.183 min Scan# 1667
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

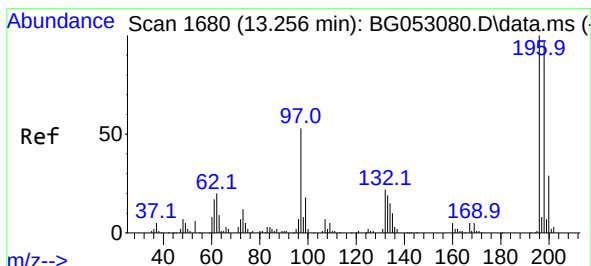
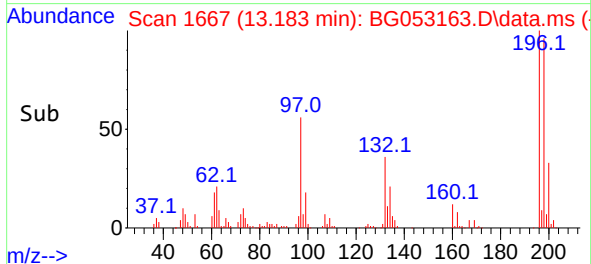
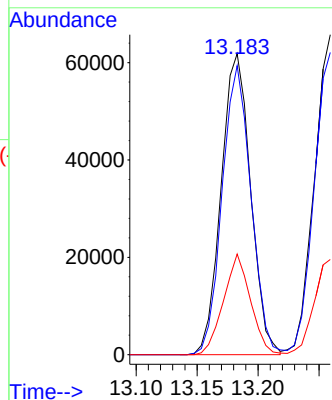
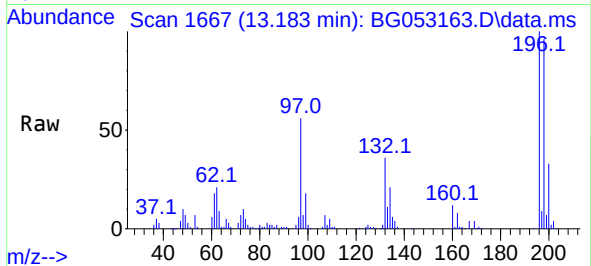
PB144139BS

Tgt Ion:196 Resp: 10393
Ion Ratio Lower Upper
196 100
198 96.0 78.8 118.2
200 33.4 25.1 37.7

Manual Integrations

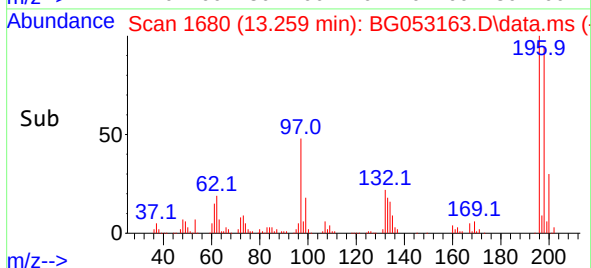
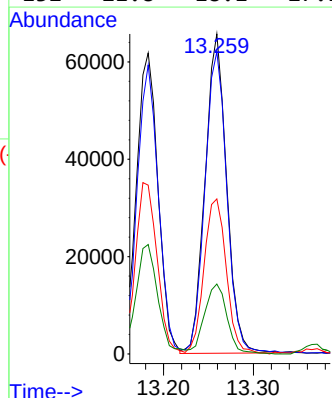
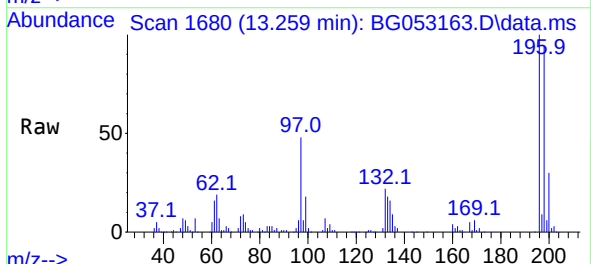
APPROVED

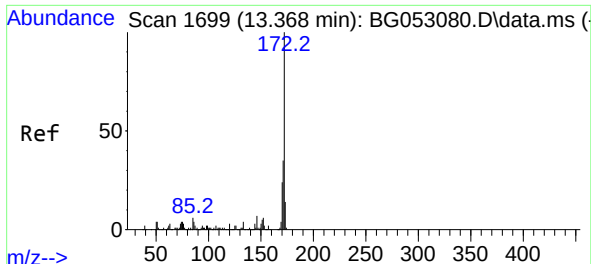
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#44
2,4,5-Trichlorophenol
Concen: 39.461 ng
RT: 13.259 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:196 Resp: 109459
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
97 48.4 36.5 54.7
132 21.8 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 77.092 ng
RT: 13.365 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

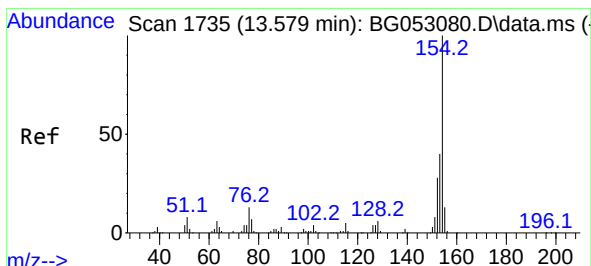
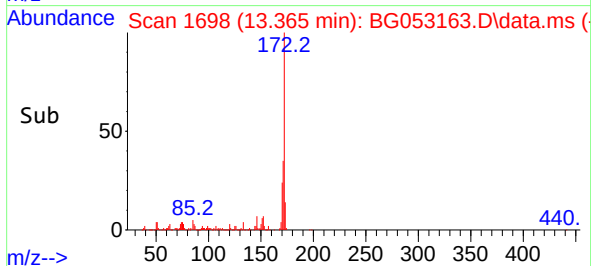
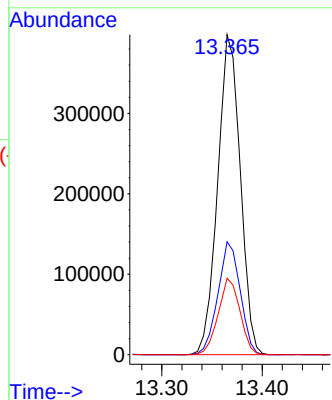
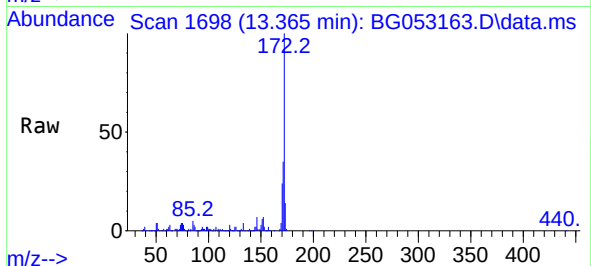
PB144139BS

Tgt Ion:172 Resp: 62148
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.9 18.0 27.0

Manual Integrations

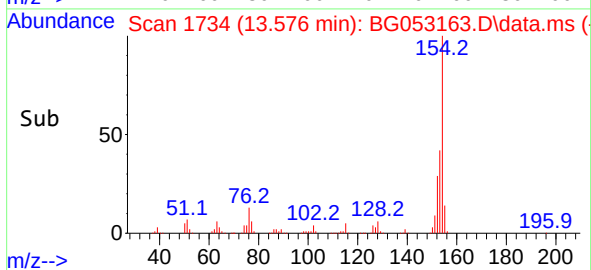
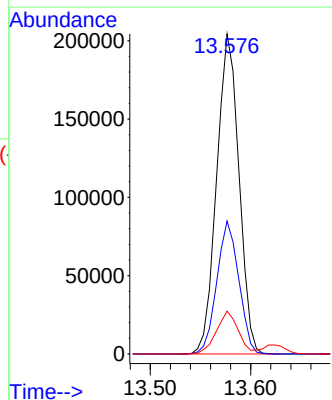
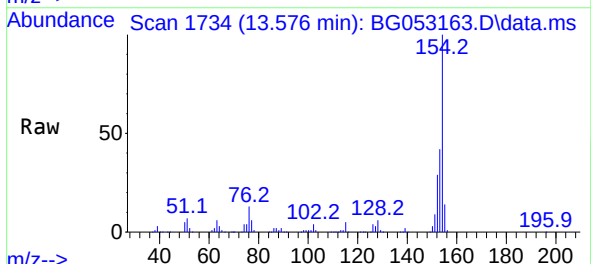
APPROVED

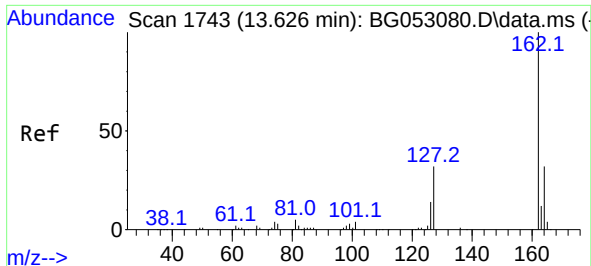
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#46
1,1'-Biphenyl
Concen: 39.361 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:154 Resp: 315090
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 13.4 0.0 31.5





#47
2-Chloronaphthalene
Concen: 38.969 ng
RT: 13.623 min Scan# 1742
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

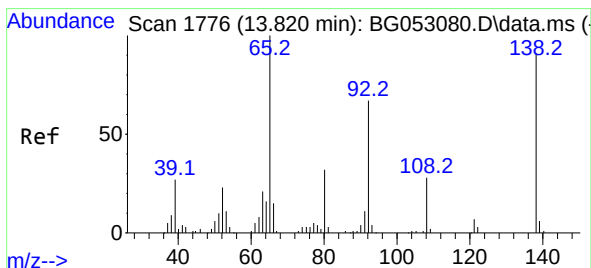
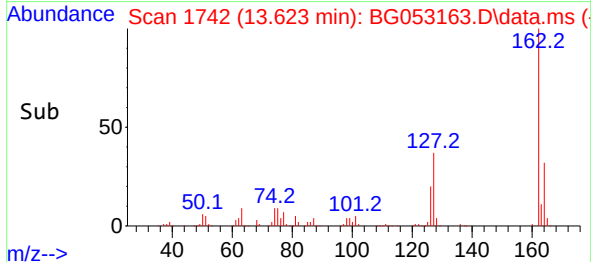
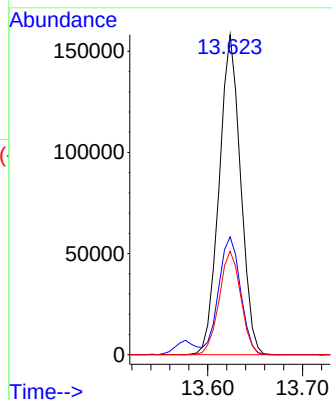
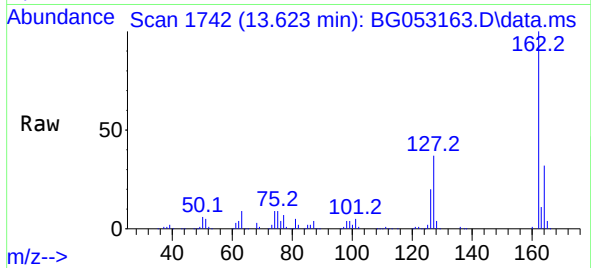
PB144139BS

Tgt Ion:162 Resp: 248884
Ion Ratio Lower Upper
162 100
127 36.8 28.1 42.1
164 32.3 26.0 39.0

Manual Integrations

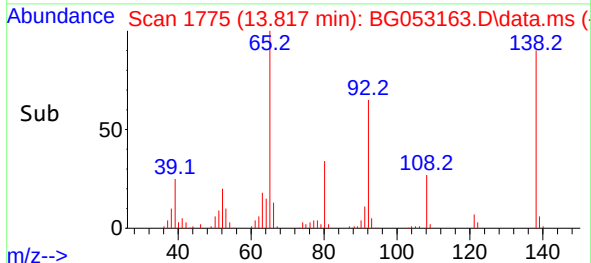
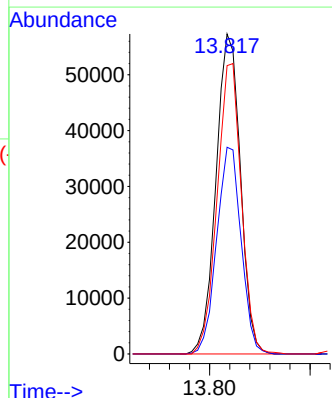
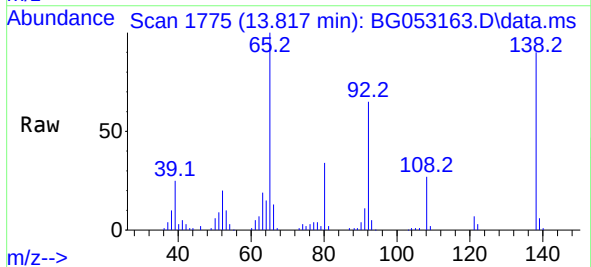
APPROVED

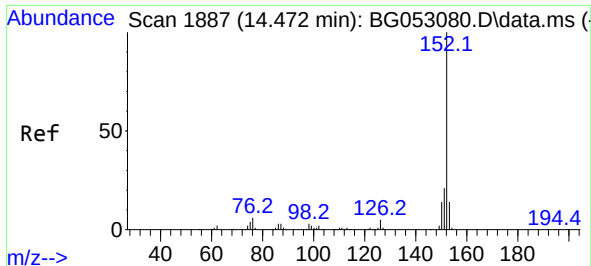
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#48
2-Nitroaniline
Concen: 39.895 ng
RT: 13.817 min Scan# 1775
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

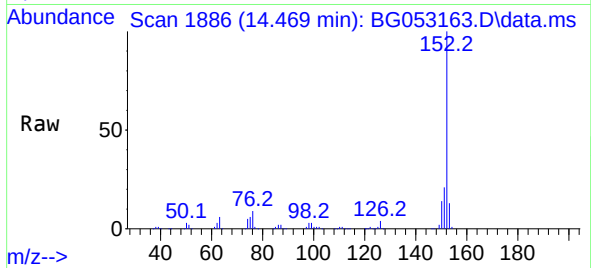
Tgt Ion: 65 Resp: 96695
Ion Ratio Lower Upper
65 100
92 64.6 52.1 78.1
138 90.1 80.1 120.1





#49
Acenaphthylene
Concen: 42.157 ng
RT: 14.469 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

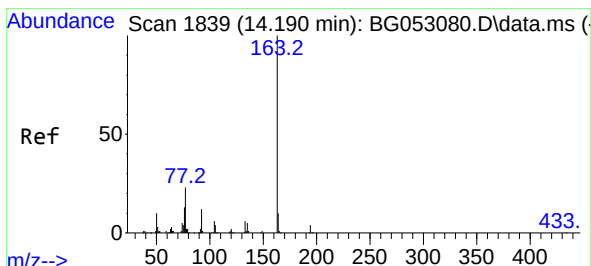
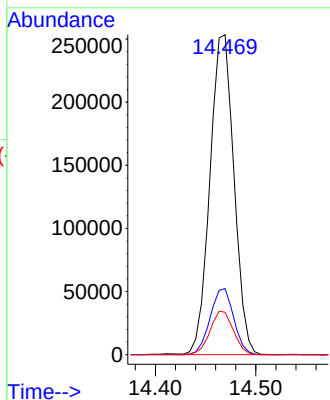
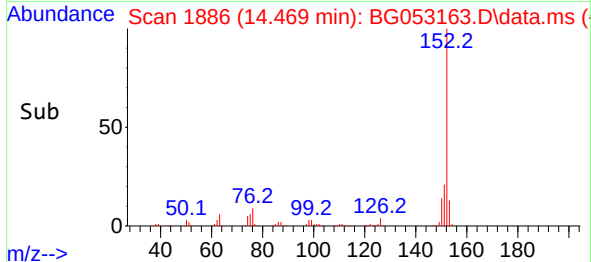
Instrument :
BNA_G
ClientSampleId :
PB144139BS



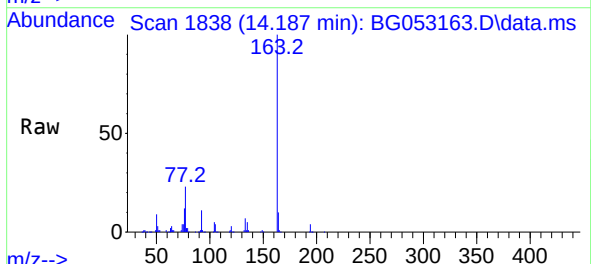
Tgt Ion:152 Resp: 421469
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.2 10.6 15.8

Manual Integrations
APPROVED

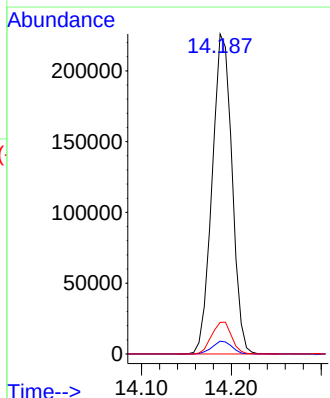
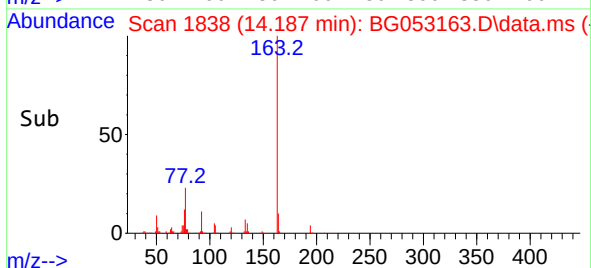
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

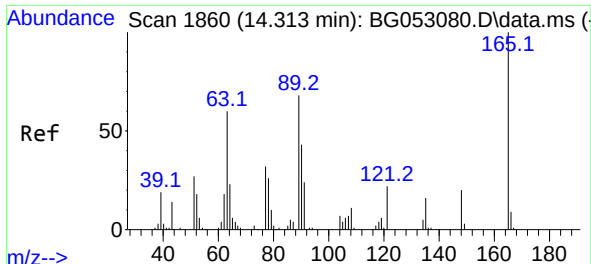


#50
Dimethylphthalate
Concen: 39.067 ng
RT: 14.187 min Scan# 1838
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:163 Resp: 347346
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.385 ng
RT: 14.311 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

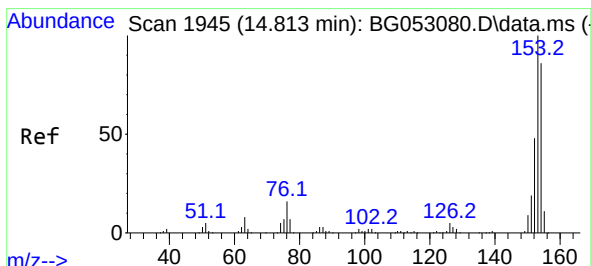
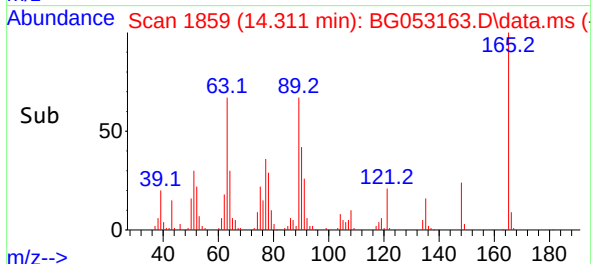
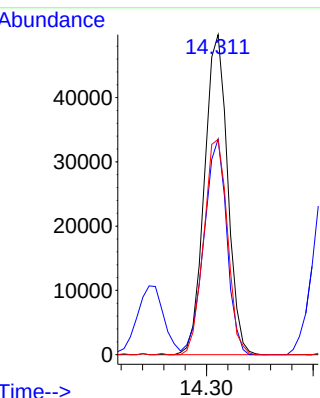
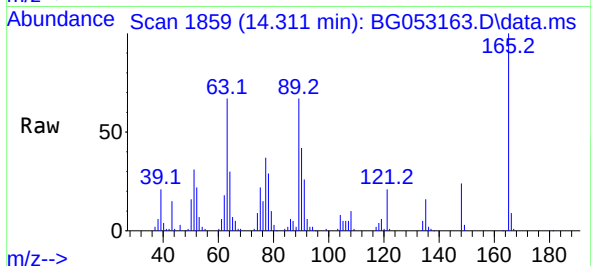
PB144139BS

Tgt Ion:165 Resp: 74908
Ion Ratio Lower Upper
165 100
63 67.4 43.7 65.5
89 67.3 45.0 67.4

Manual Integrations

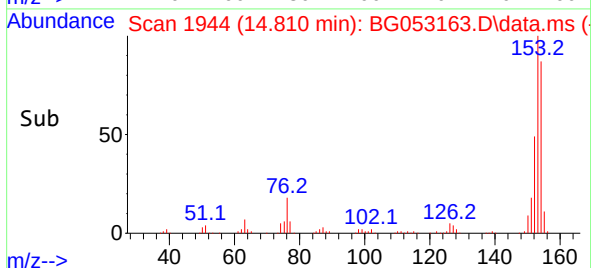
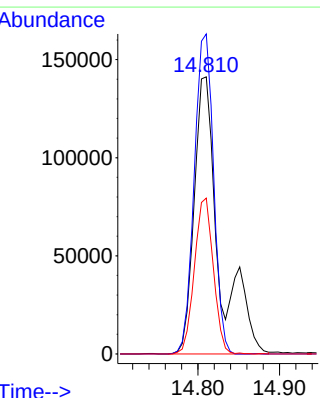
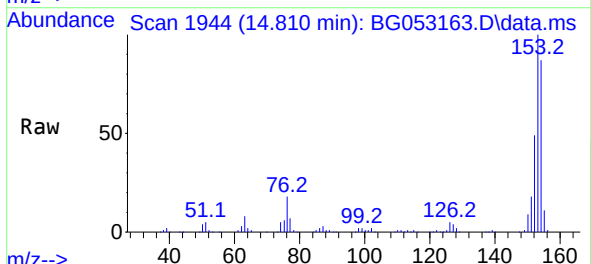
APPROVED

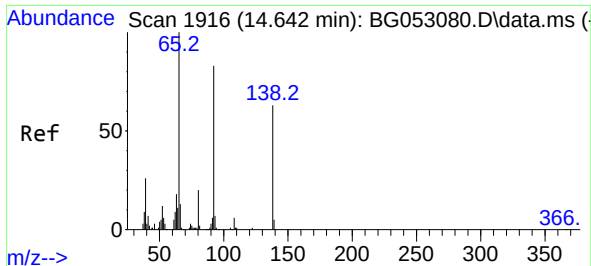
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#52
Acenaphthene
Concen: 44.427 ng m
RT: 14.810 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:154 Resp: 301212
Ion Ratio Lower Upper
154 100
153 115.5 89.0 133.4
152 56.3 40.5 60.7





#53
3-Nitroaniline
Concen: 28.610 ng
RT: 14.640 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

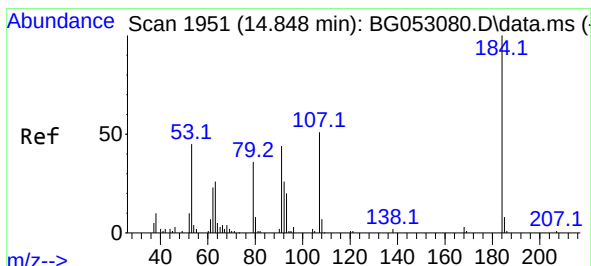
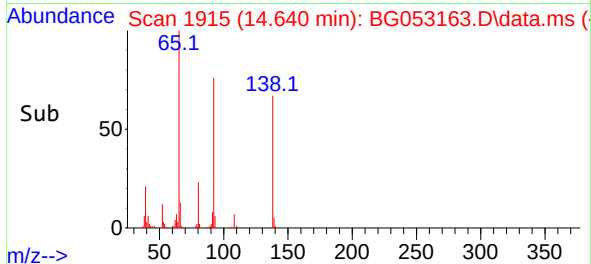
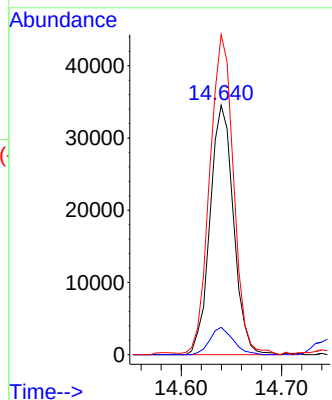
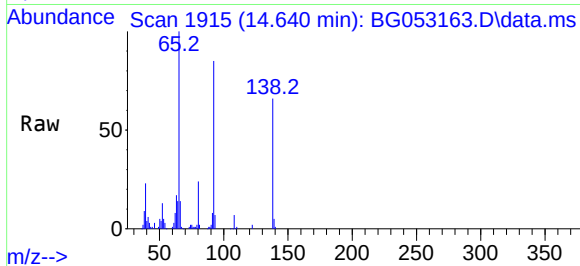
ClientSampleId :

PB144139BS

Tgt Ion:138 Resp: 5611
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 128.3 96.2 144.2

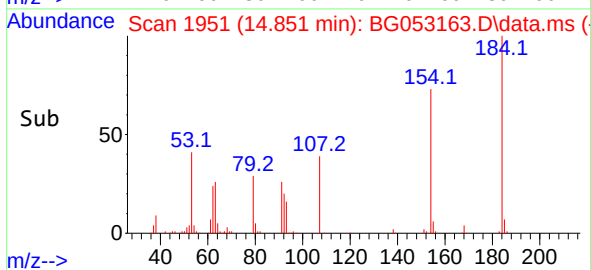
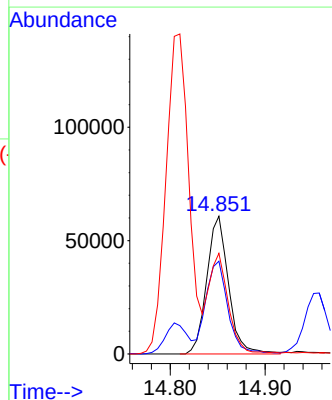
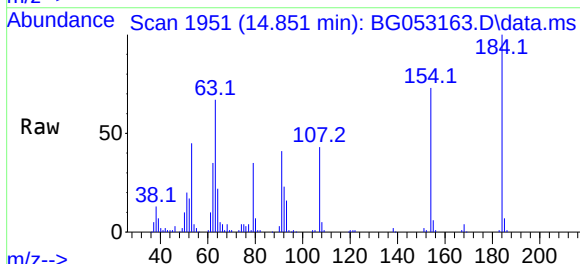
Manual Integrations
APPROVED

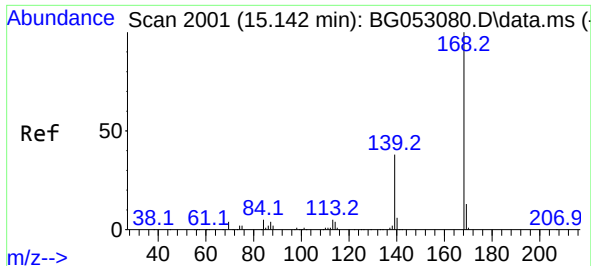
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#54
2,4-Dinitrophenol
Concen: 81.950 ng
RT: 14.851 min Scan# 1951
Delta R.T. 0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:184 Resp: 96718
Ion Ratio Lower Upper
184 100
63 67.3 51.8 77.6
154 73.0 47.8 71.6#





#55
Dibenzenofuran
Concen: 37.980 ng
RT: 15.139 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

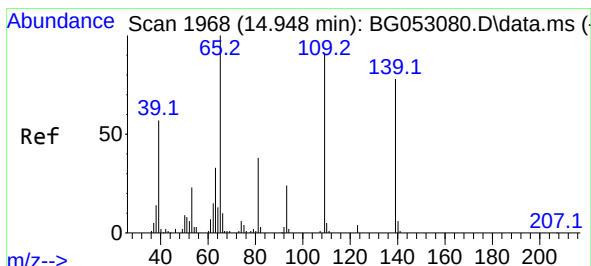
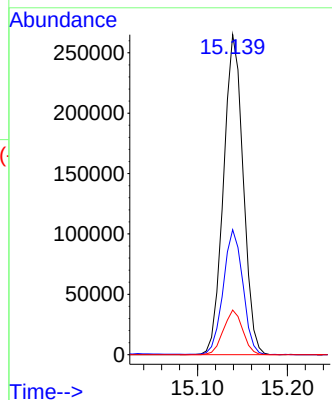
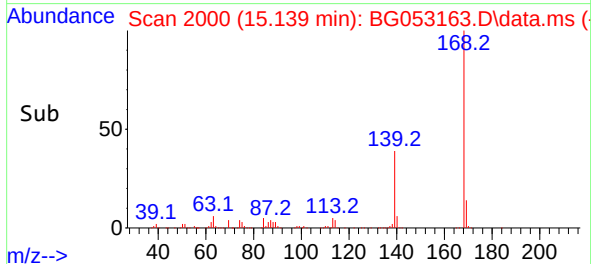
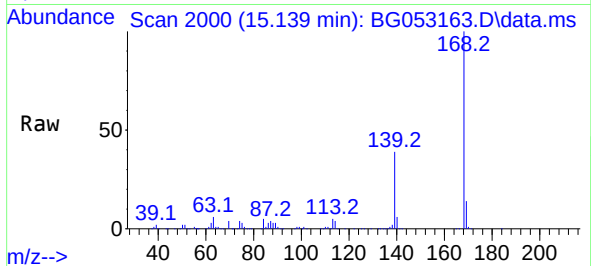
PB144139BS

Tgt Ion:168 Resp: 403200
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.4
169 14.0 10.7 16.1

Manual Integrations

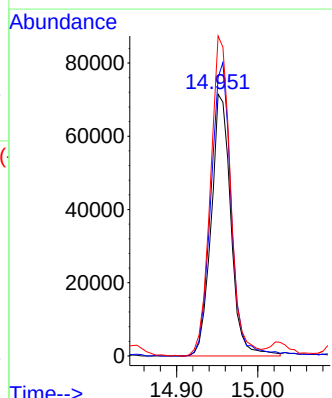
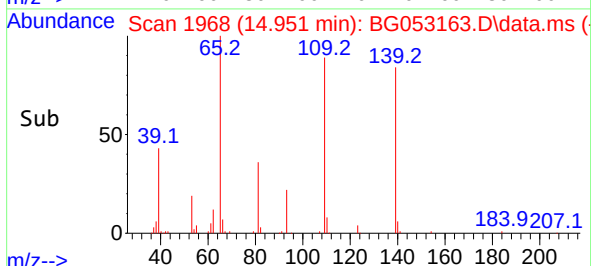
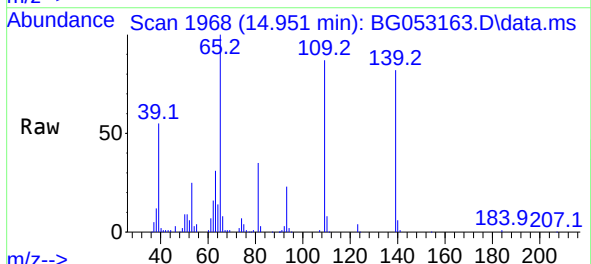
APPROVED

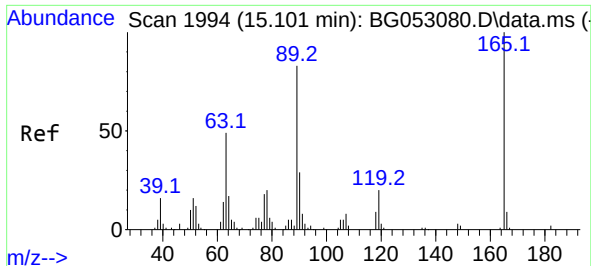
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#56
4-Nitrophenol
Concen: 80.304 ng
RT: 14.951 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

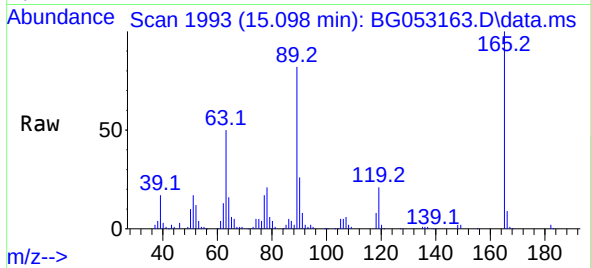
Tgt Ion:139 Resp: 120122
Ion Ratio Lower Upper
139 100
109 106.4 67.1 107.1
65 122.3 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 40.523 ng
RT: 15.098 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

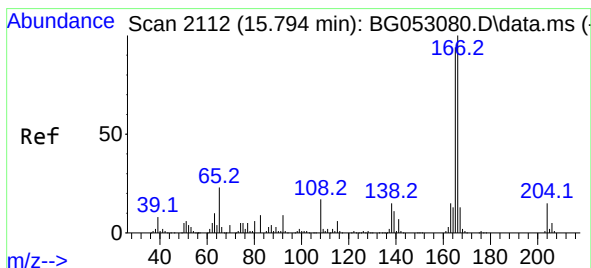
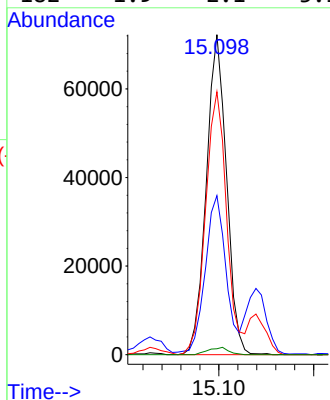
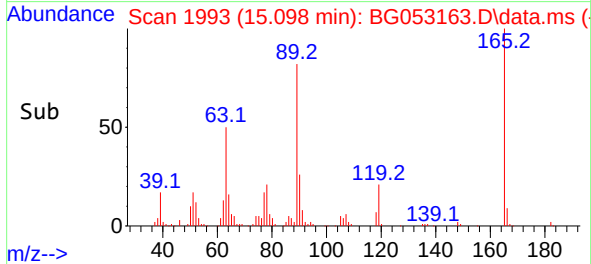
Instrument :
BNA_G
ClientSampleId :
PB144139BS



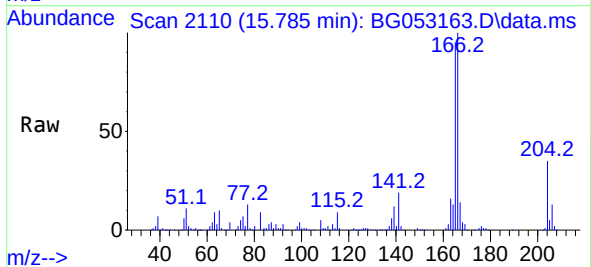
Tgt Ion:165 Resp: 107009
Ion Ratio Lower Upper
165 100
63 49.7 34.8 52.2
89 82.2 57.4 86.0
182 1.9 2.1 3.1#

Manual Integrations
APPROVED

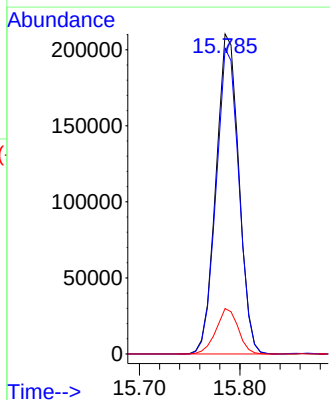
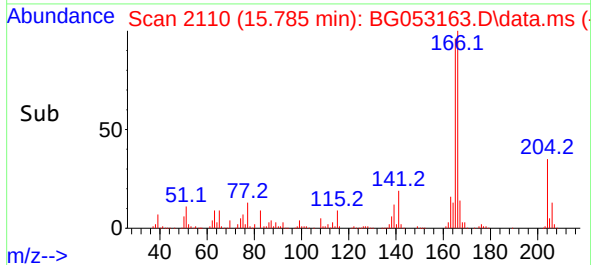
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

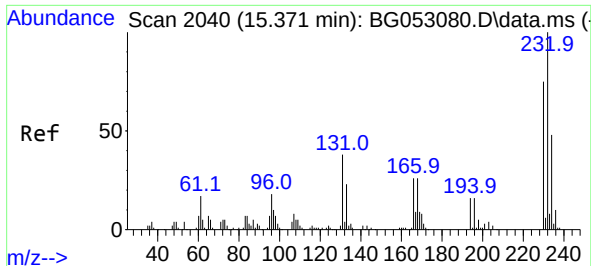


#58
Fluorene
Concen: 38.785 ng
RT: 15.785 min Scan# 2110
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:166 Resp: 332556
Ion Ratio Lower Upper
166 100
165 95.5 78.6 117.8
167 14.2 10.9 16.3





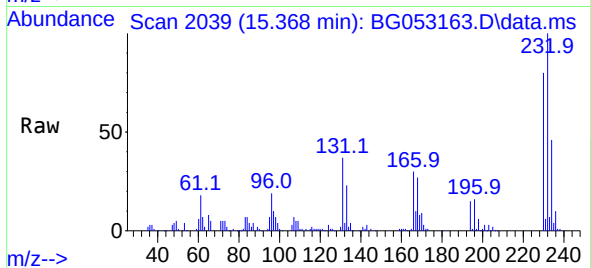
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.657 ng
RT: 15.368 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

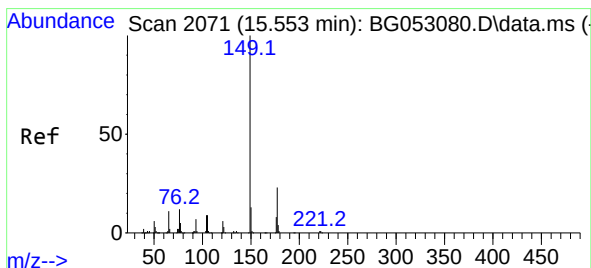
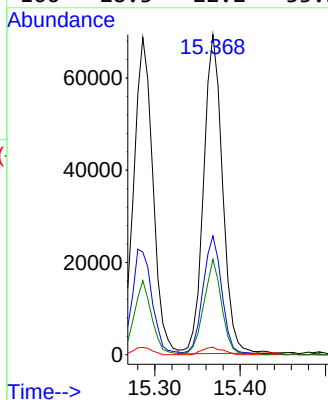
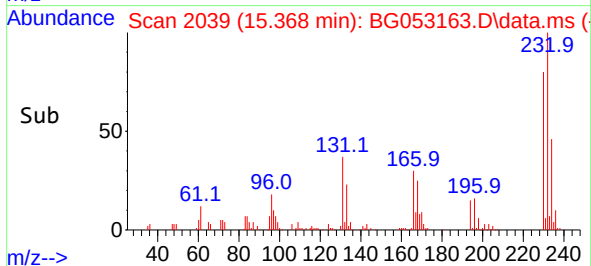


Tgt Ion:232 Resp: 106821
Ion Ratio Lower Upper
232 100
131 37.7 30.1 45.1
130 2.5 1.8 2.8
166 28.3 22.2 33.2

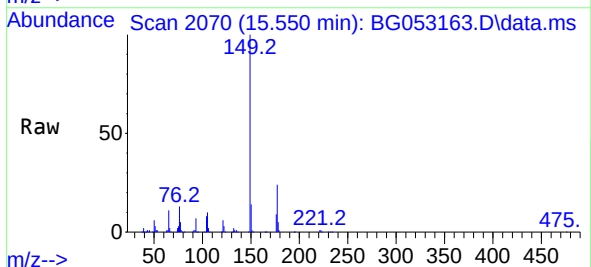
Manual Integrations

APPROVED

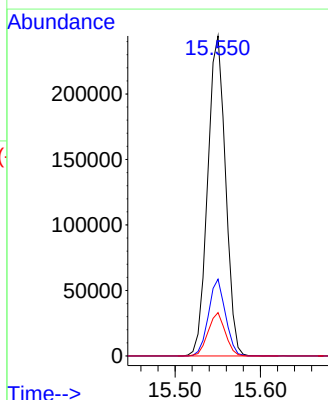
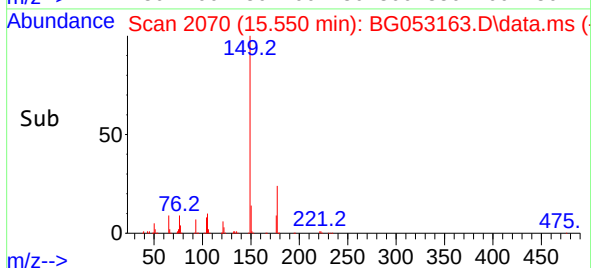
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

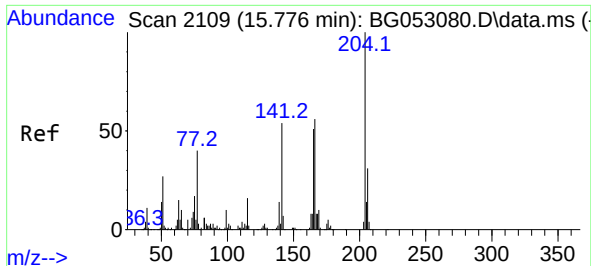


#60
Diethylphthalate
Concen: 38.074 ng
RT: 15.550 min Scan# 2070
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:149 Resp: 354686
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 13.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.470 ng
RT: 15.774 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

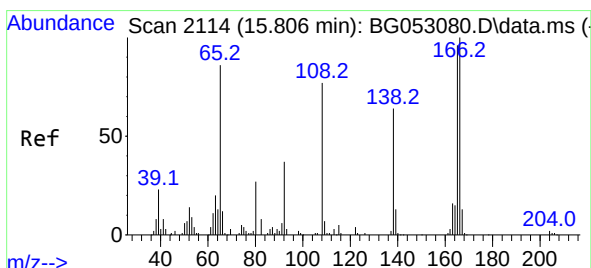
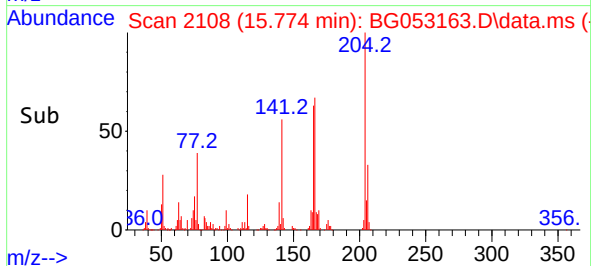
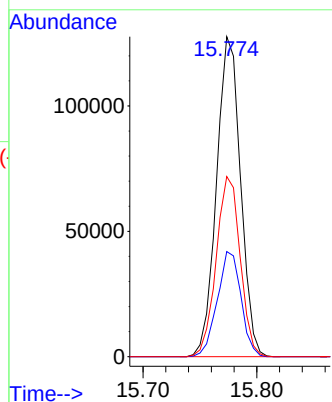
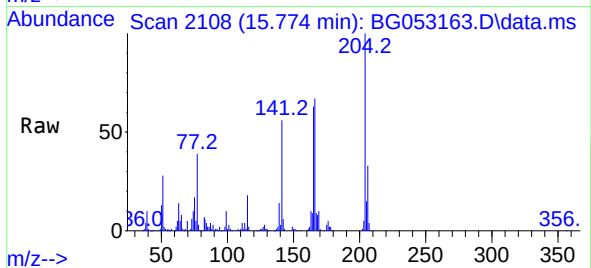
PB144139BS

Tgt Ion:204 Resp: 186989
Ion Ratio Lower Upper
204 100
206 32.9 28.3 42.5
141 56.3 45.8 68.8

Manual Integrations

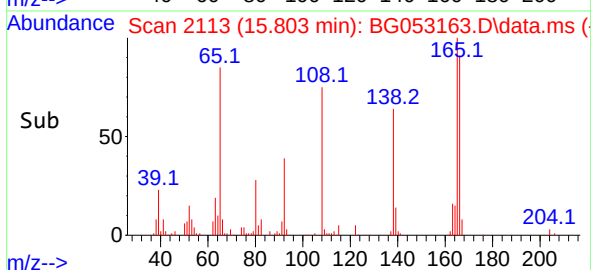
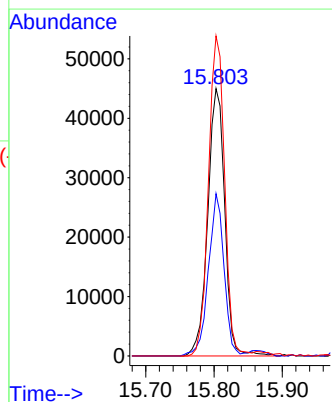
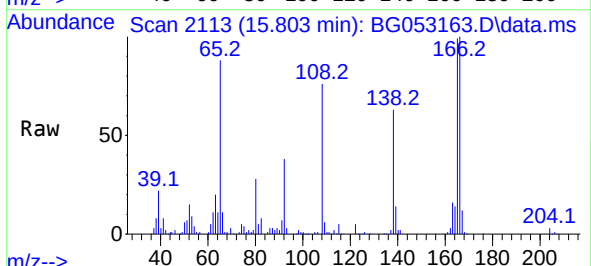
APPROVED

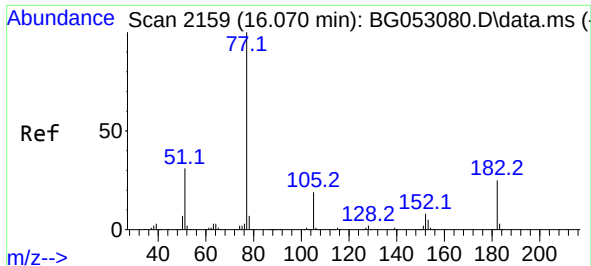
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#62
4-Nitroaniline
Concen: 37.709 ng
RT: 15.803 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:138 Resp: 78044
Ion Ratio Lower Upper
138 100
92 60.7 33.3 73.3
108 119.7 74.2 114.2#





#63
Azobenzene
Concen: 37.475 ng
RT: 16.067 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

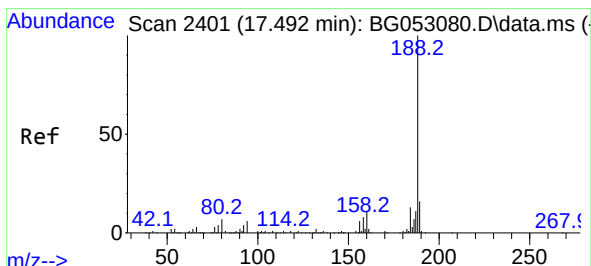
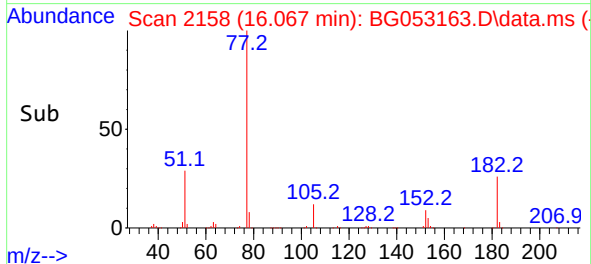
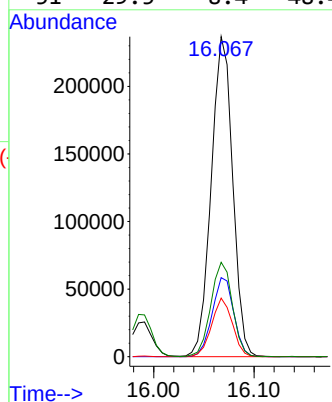
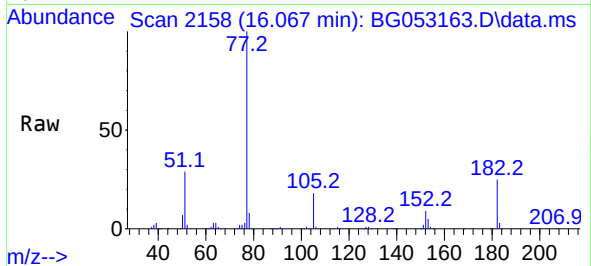
PB144139BS

Tgt Ion: 77 Resp: 35197
Ion Ratio Lower Upper
77 100
182 24.7 5.6 45.6
105 18.3 0.0 38.8
51 29.5 8.4 48.4

Manual Integrations

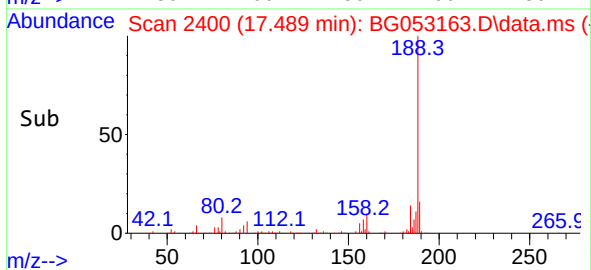
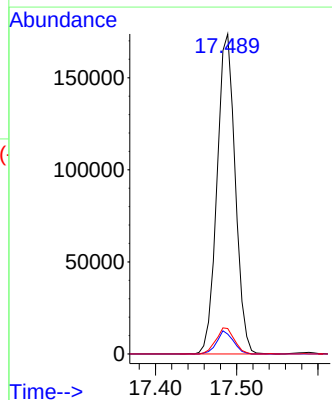
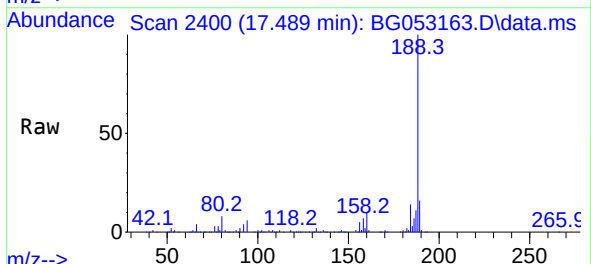
APPROVED

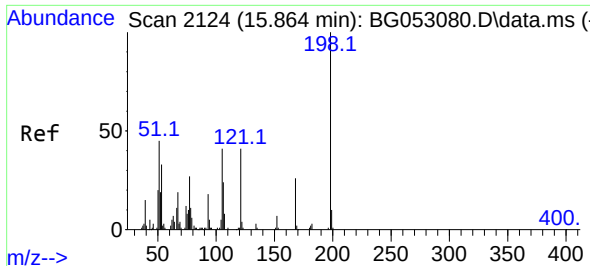
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:188 Resp: 269861
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 8.0 7.2 10.8





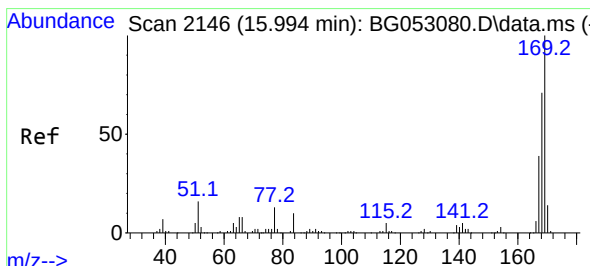
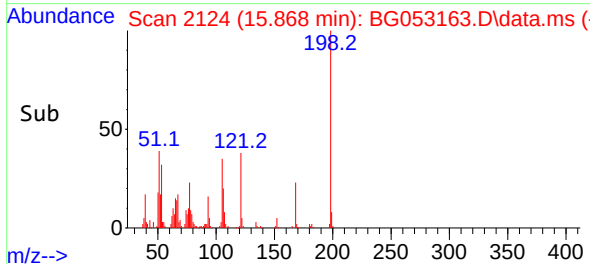
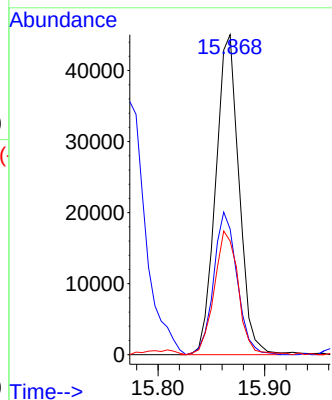
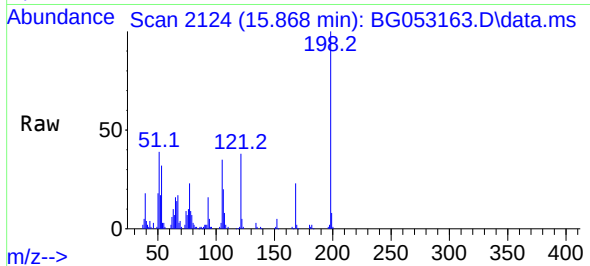
#65
4,6-Dinitro-2-methylphenol
Concen: 36.337 ng
RT: 15.868 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :
BNA_G
ClientSampleId :
PB144139BS

Tgt Ion:198 Resp: 6841
Ion Ratio Lower Upper
198 100
51 39.3 21.7 61.7
105 35.5 20.8 60.8

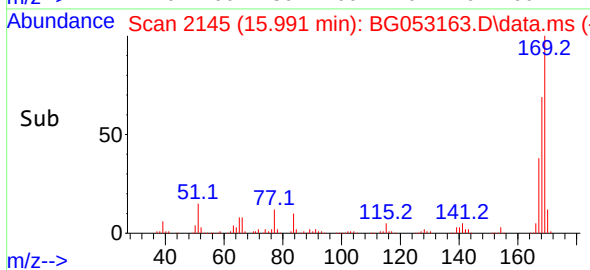
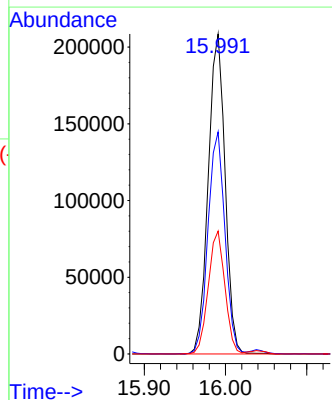
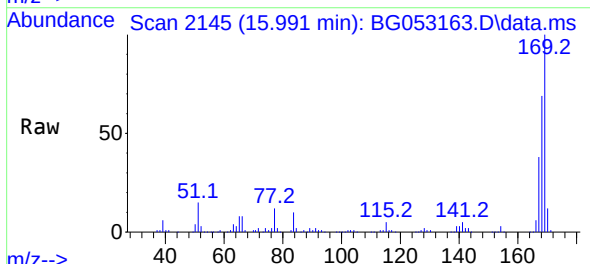
Manual Integrations
APPROVED

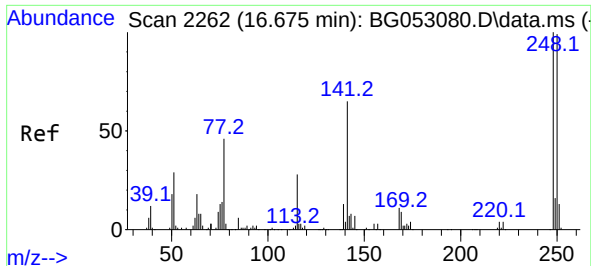
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#66
n-Nitrosodiphenylamine
Concen: 38.599 ng
RT: 15.991 min Scan# 2145
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:169 Resp: 299540
Ion Ratio Lower Upper
169 100
168 69.4 54.5 81.7
167 38.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 38.100 ng
RT: 16.672 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

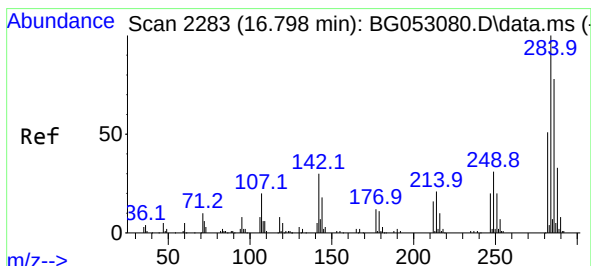
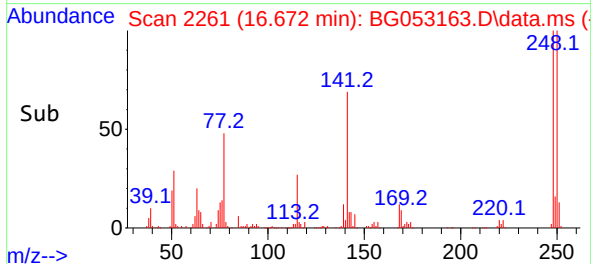
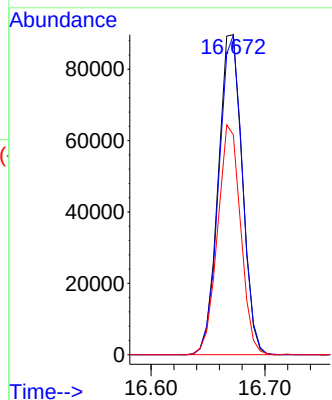
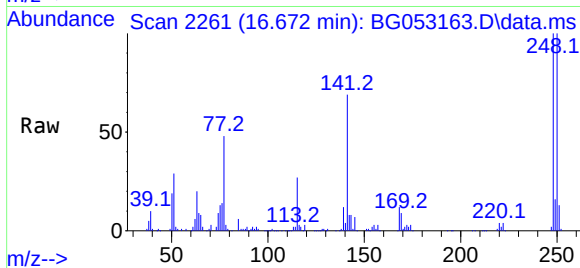
PB144139BS

Tgt Ion:248 Resp: 131740
Ion Ratio Lower Upper
248 100
250 99.8 77.9 116.9
141 68.7 49.2 73.8

Manual Integrations

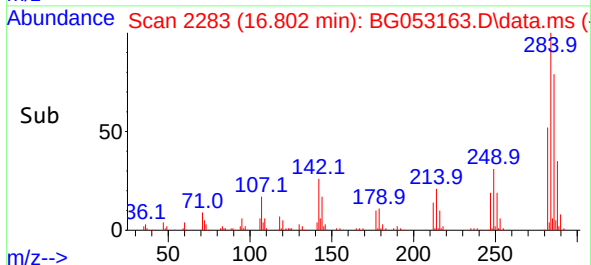
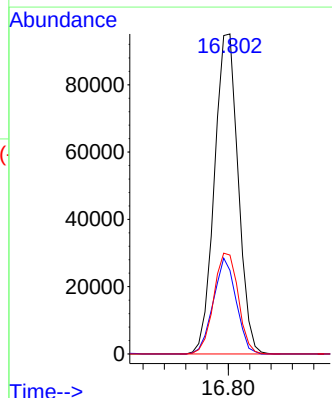
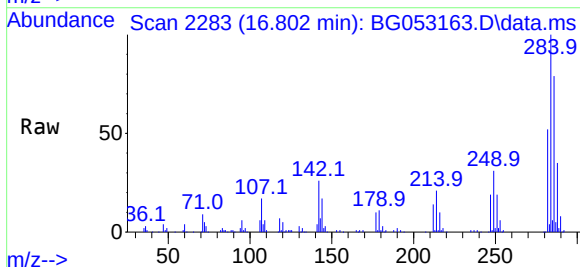
APPROVED

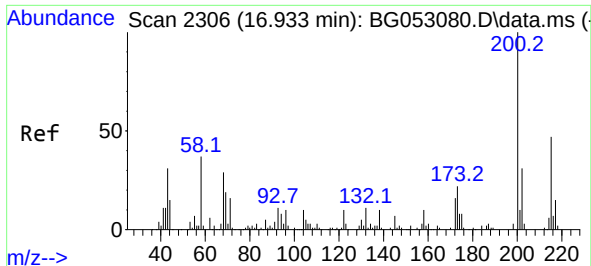
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#68
Hexachlorobenzene
Concen: 39.167 ng
RT: 16.802 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:284 Resp: 146669
Ion Ratio Lower Upper
284 100
142 26.1 21.0 31.4
249 30.9 22.7 34.1





#69
 Atrazine
 Concen: 42.645 ng
 RT: 16.931 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053163.D
 Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

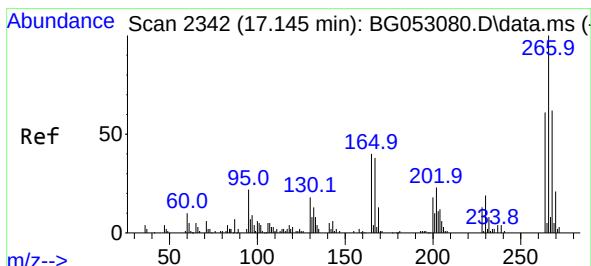
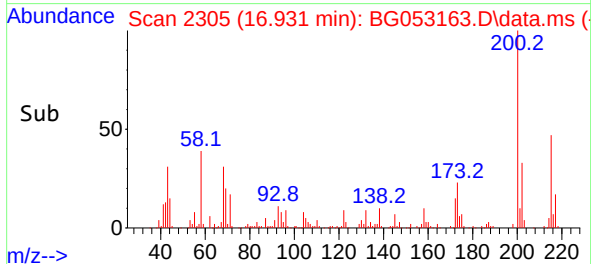
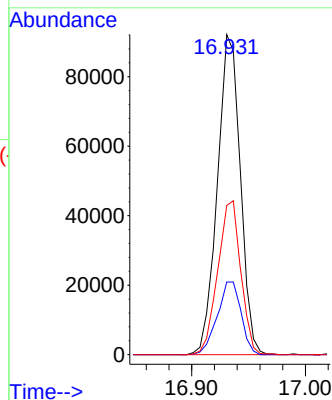
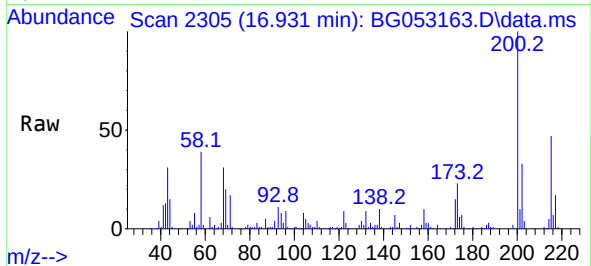
PB144139BS

Tgt Ion:200 Resp: 129272
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.8 43.8
 215 46.7 26.3 66.3

Manual Integrations

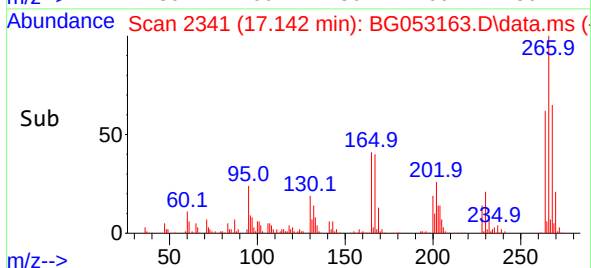
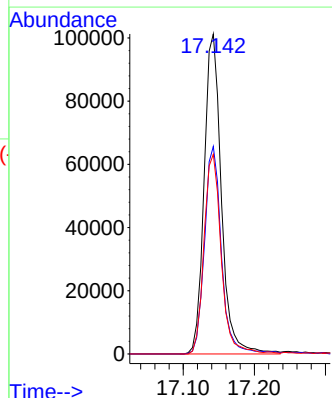
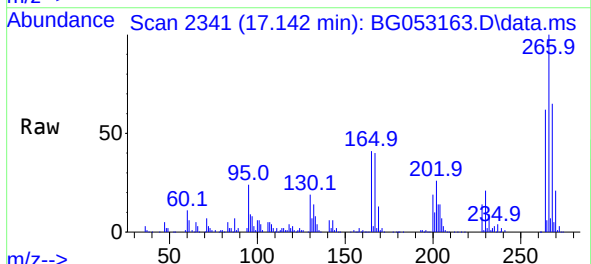
APPROVED

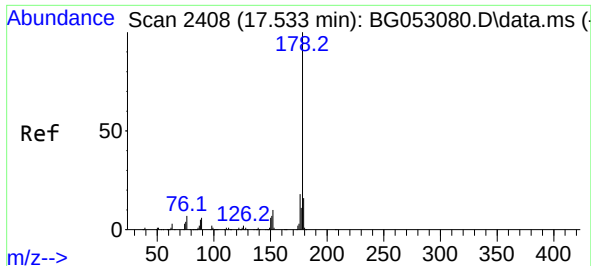
Reviewed By :Christian Giraldo 04/18/2022
 Supervised By :Jagrut Upadhyay 04/18/2022



#70
 Pentachlorophenol
 Concen: 83.541 ng
 RT: 17.142 min Scan# 2341
 Delta R.T. -0.003 min
 Lab File: BG053163.D
 Acq: 15 Apr 2022 14:05

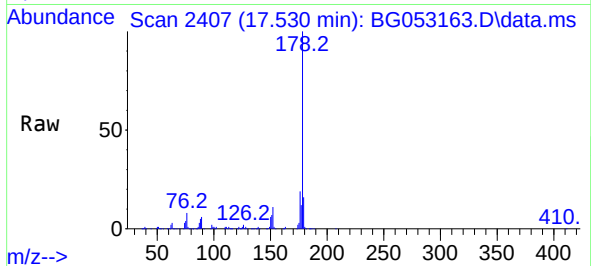
Tgt Ion:266 Resp: 170973
 Ion Ratio Lower Upper
 266 100
 268 64.9 45.9 68.9
 264 62.4 45.3 67.9





#71
Phenanthrene
Concen: 38.375 ng
RT: 17.530 min Scan# 2408
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

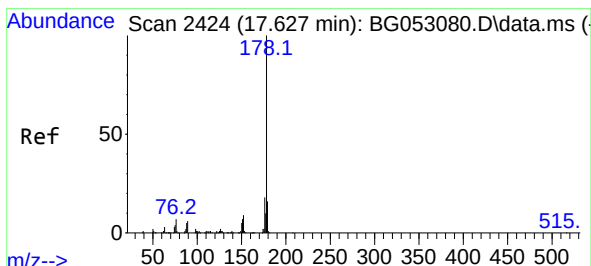
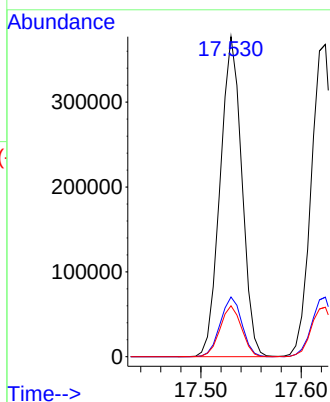
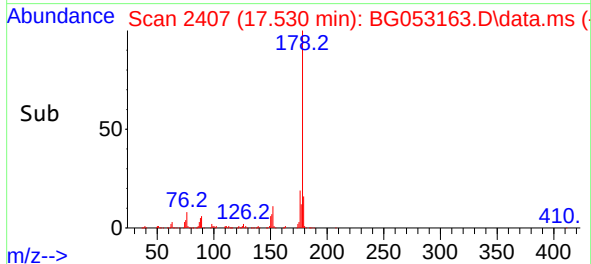
Instrument :
BNA_G
ClientSampleId :
PB144139BS



Tgt Ion:178 Resp: 565650
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.9 13.4 20.2

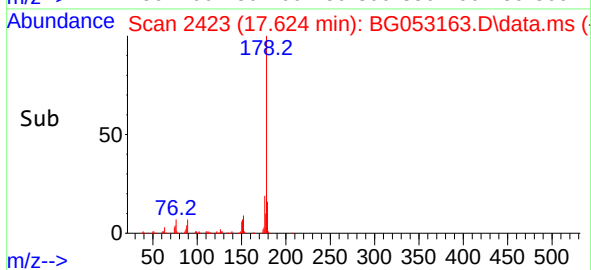
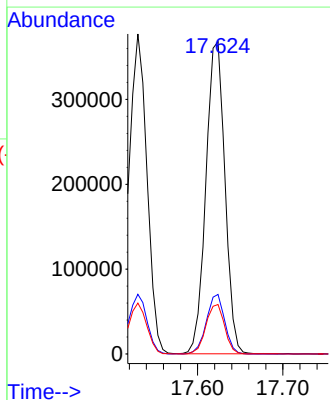
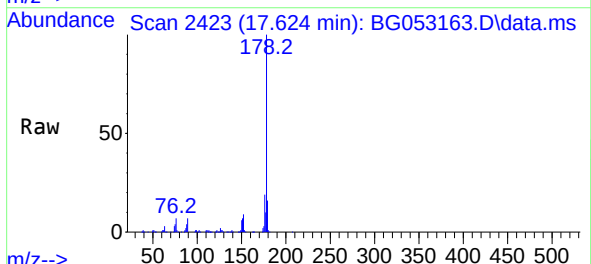
Manual Integrations
APPROVED

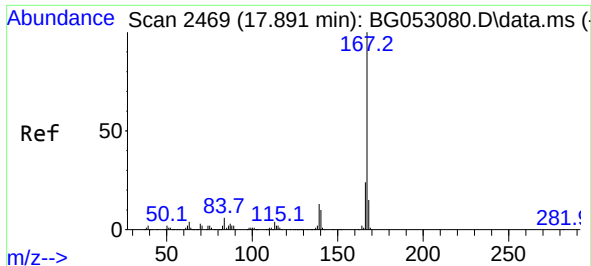
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#72
Anthracene
Concen: 39.130 ng
RT: 17.624 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

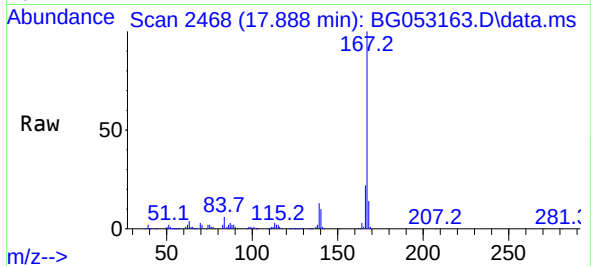
Tgt Ion:178 Resp: 571416
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.8 13.2 19.8





#73
Carbazole
Concen: 37.290 ng
RT: 17.888 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

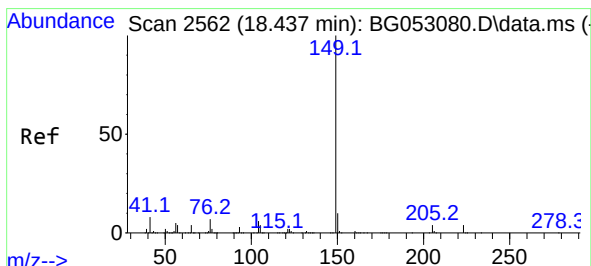
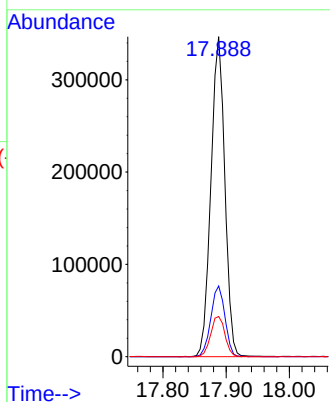
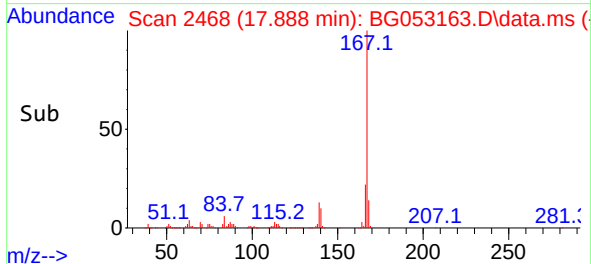
Instrument :
BNA_G
ClientSampleId :
PB144139BS



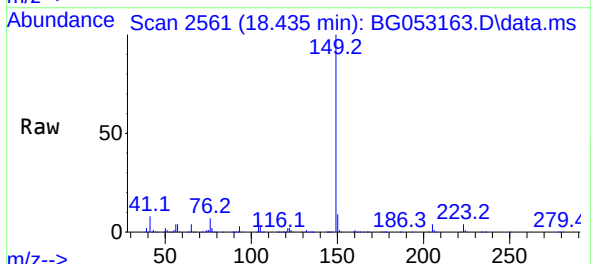
Tgt Ion:167 Resp: 529340
Ion Ratio Lower Upper
167 100
166 22.1 18.5 27.7
139 12.5 10.0 15.0

Manual Integrations
APPROVED

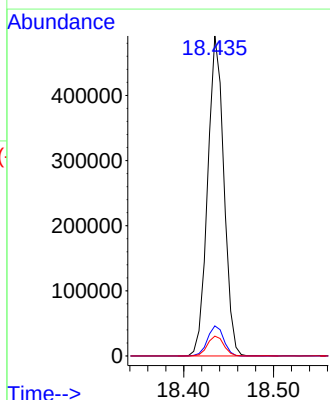
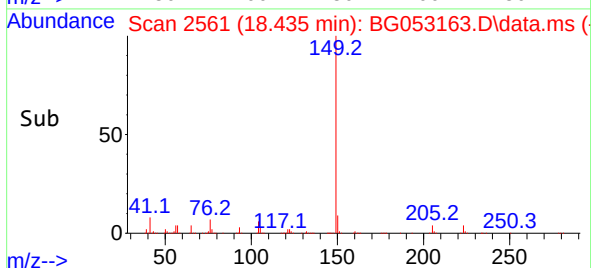
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

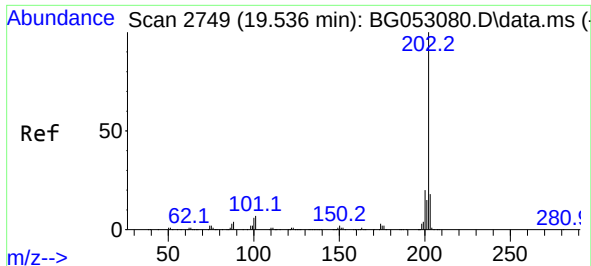


#74
Di-n-butylphthalate
Concen: 38.250 ng
RT: 18.435 min Scan# 2561
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:149 Resp: 615799
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 6.2 4.6 7.0





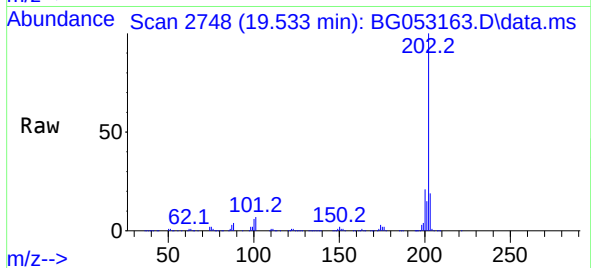
#75
Fluoranthene
Concen: 39.107 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

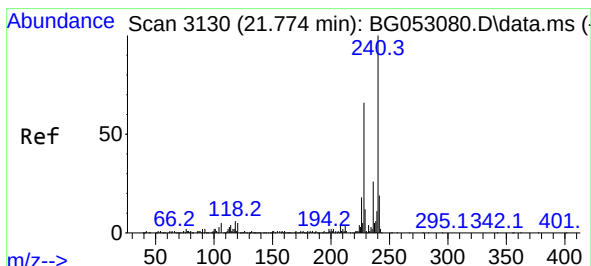
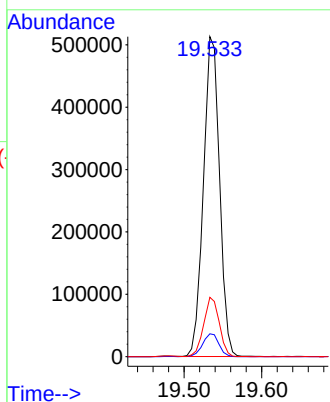
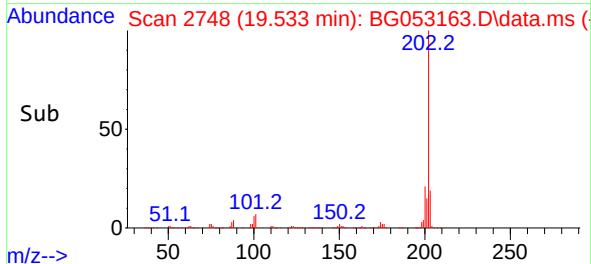


Tgt Ion:202 Resp: 73891
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.3
203 18.6 0.0 37.7

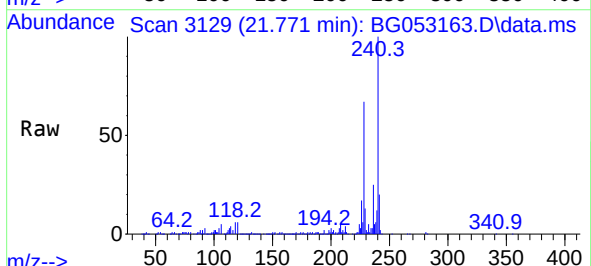
Manual Integrations

APPROVED

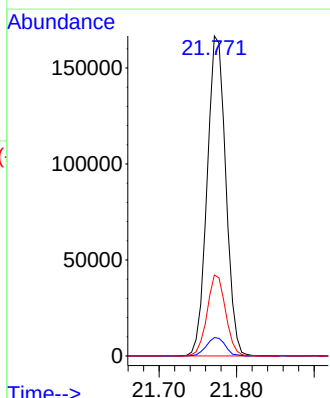
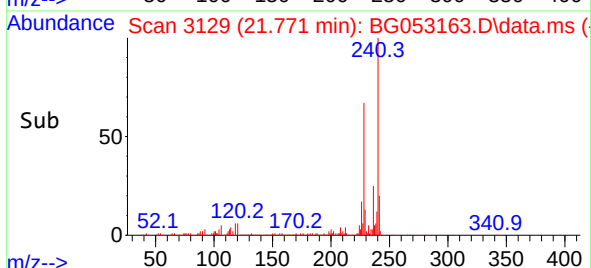
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

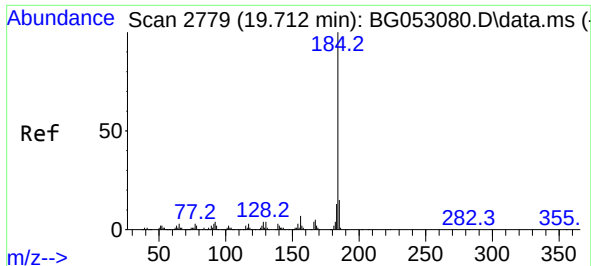


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.771 min Scan# 3129
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:240 Resp: 279012
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 25.3 19.8 29.6





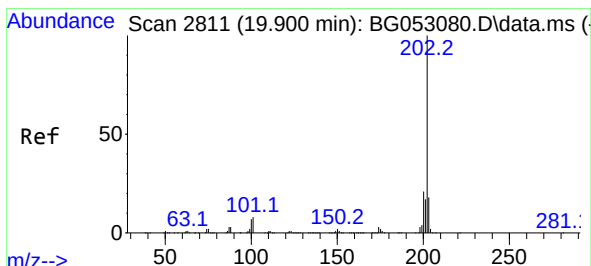
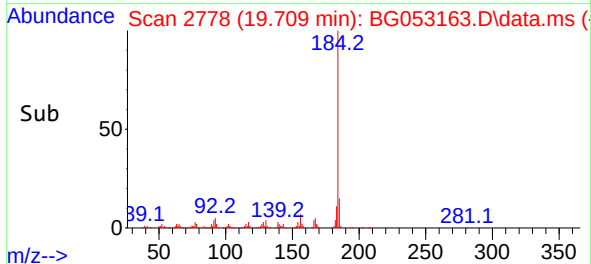
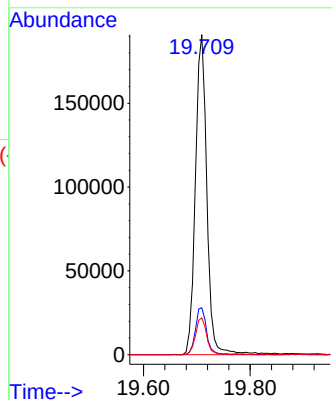
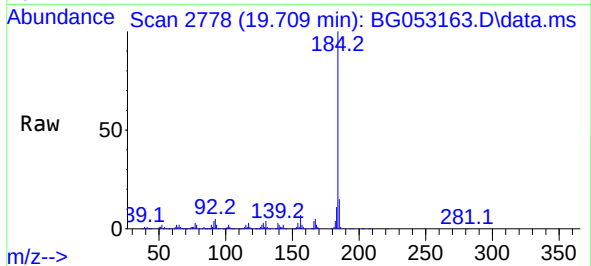
#77
Benzidine
Concen: 35.926 ng
RT: 19.709 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :
BNA_G
ClientSampleId :
PB144139BS

Tgt Ion:184 Resp: 285994
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.5 9.4 14.2

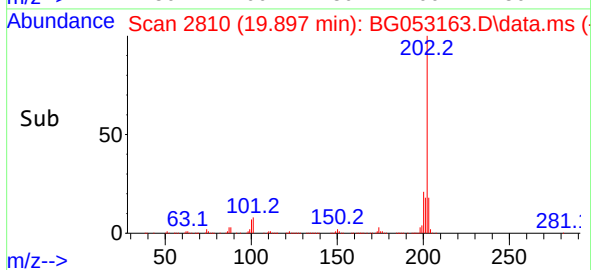
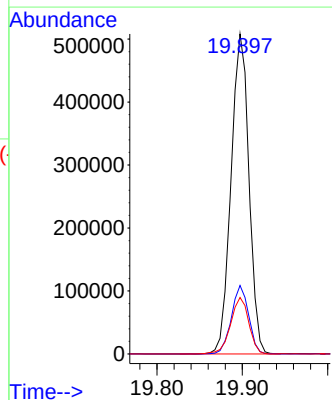
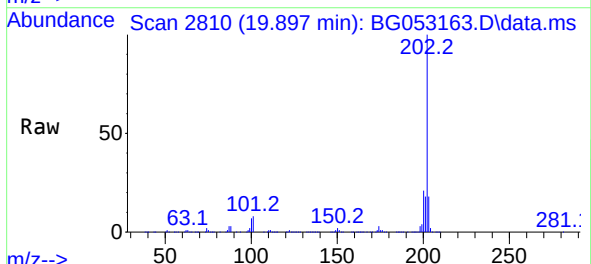
Manual Integrations
APPROVED

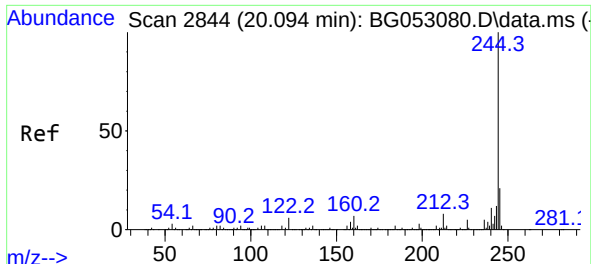
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#78
Pyrene
Concen: 37.235 ng
RT: 19.897 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:202 Resp: 739911
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.7 15.0 22.6





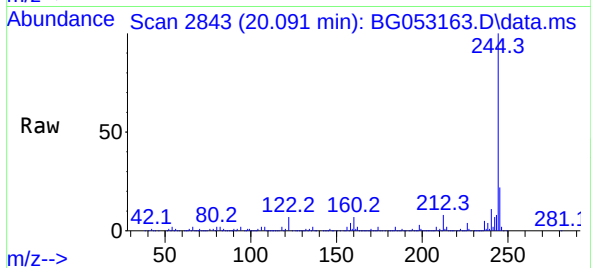
#79
 Terphenyl-d14
 Concen: 73.834 ng
 RT: 20.091 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053163.D
 Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

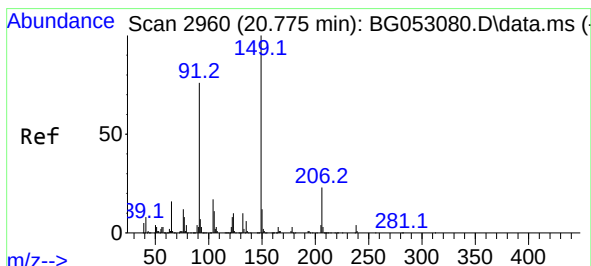
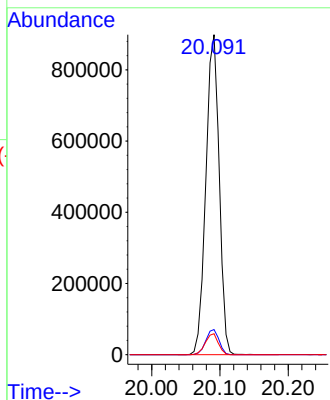
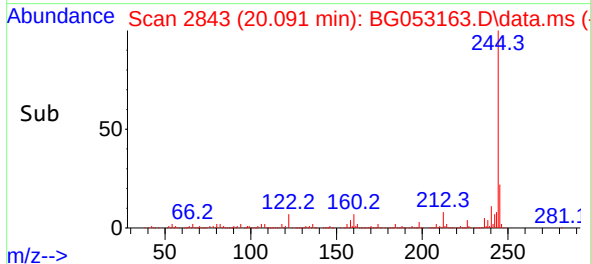


Tgt Ion:244 Resp: 121976
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6

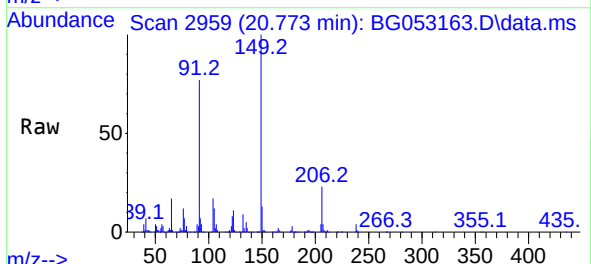
Manual Integrations

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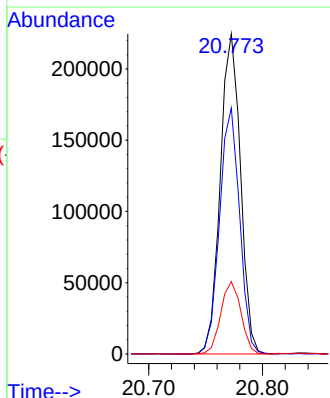
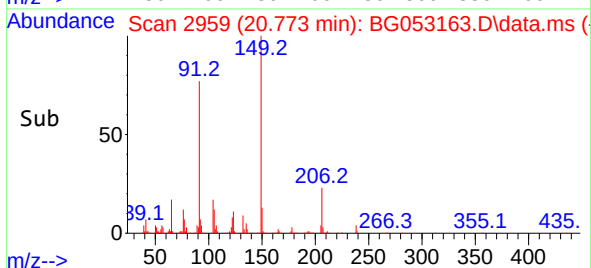
Reviewed By :Christian Giraldo 04/18/2022
 Supervised By :Jagrut Upadhyay 04/18/2022

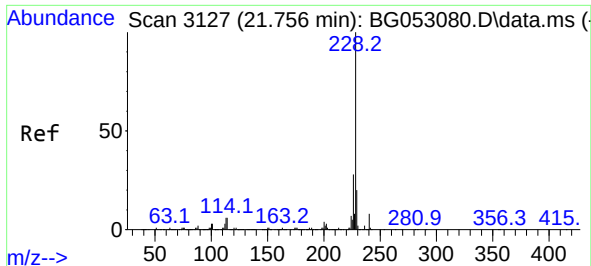


#80
 Butylbenzylphthalate
 Concen: 37.454 ng
 RT: 20.773 min Scan# 2959
 Delta R.T. -0.003 min
 Lab File: BG053163.D
 Acq: 15 Apr 2022 14:05



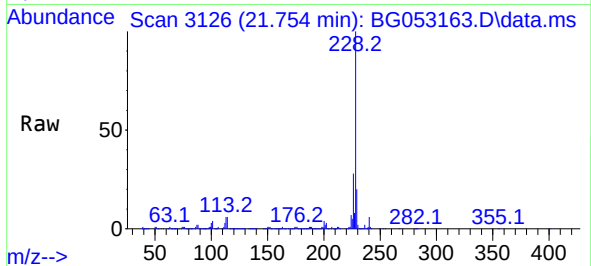
Tgt Ion:149 Resp: 277469
 Ion Ratio Lower Upper
 149 100
 91 76.9 60.2 90.4
 206 22.6 19.4 29.2





#81
Benzo(a)anthracene
Concen: 38.654 ng
RT: 21.754 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

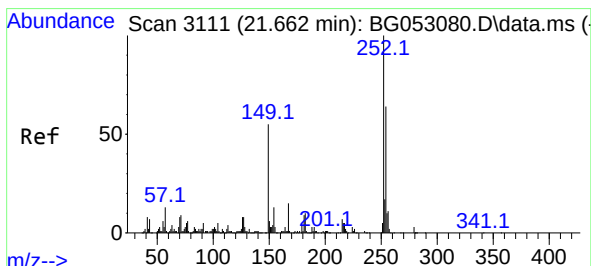
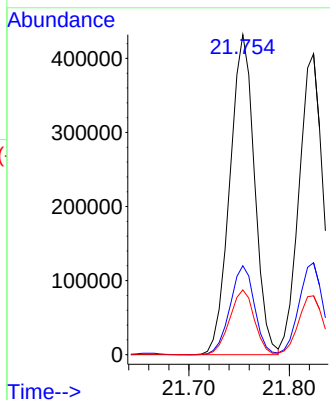
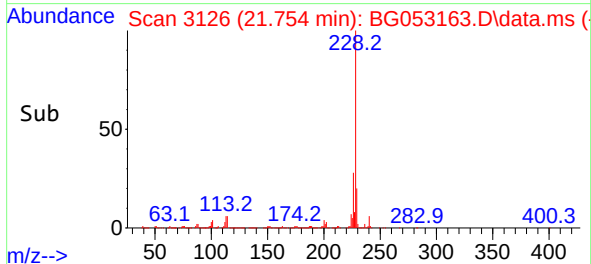
Instrument :
BNA_G
ClientSampleId :
PB144139BS



Tgt Ion:228 Resp: 737392
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.3 16.7 25.1

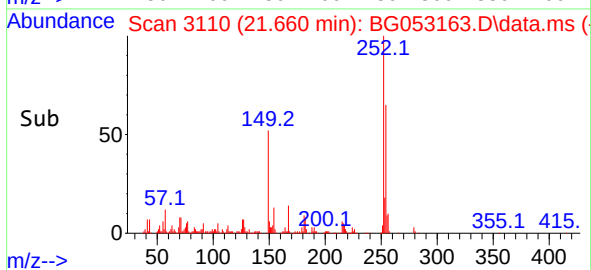
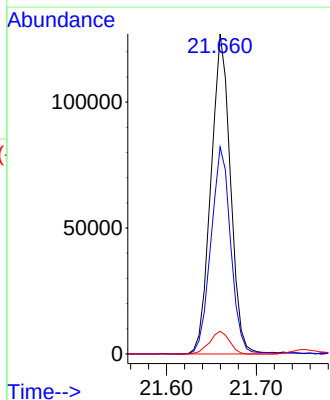
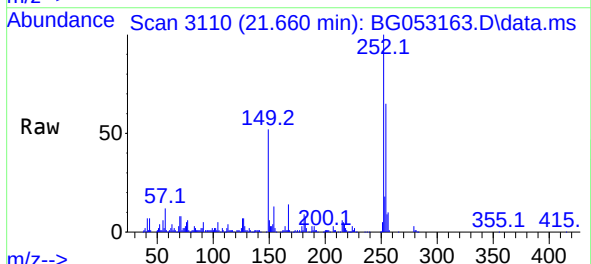
Manual Integrations
APPROVED

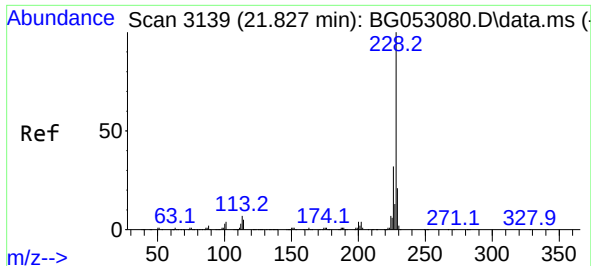
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 27.248 ng
RT: 21.660 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

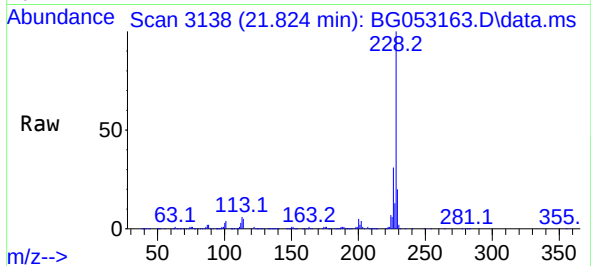
Tgt Ion:252 Resp: 191166
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 7.1 5.8 8.8





#83
Chrysene
Concen: 37.591 ng
RT: 21.824 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

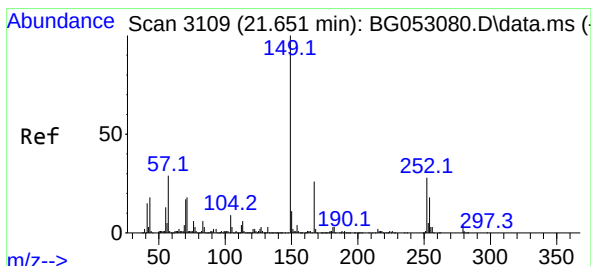
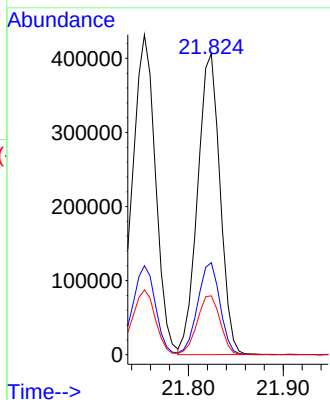
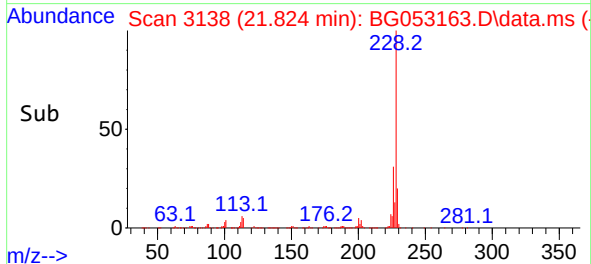
Instrument :
BNA_G
ClientSampleId :
PB144139BS



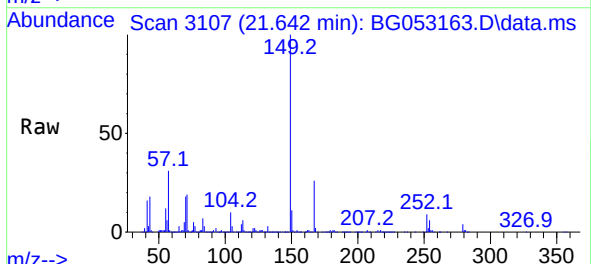
Tgt Ion:228 Resp: 66553
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.6 16.3 24.5

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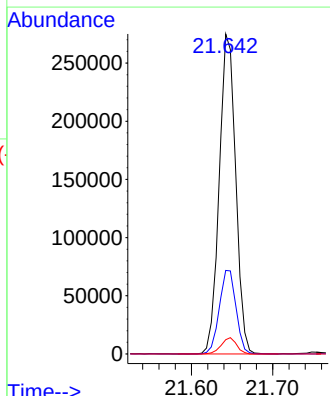
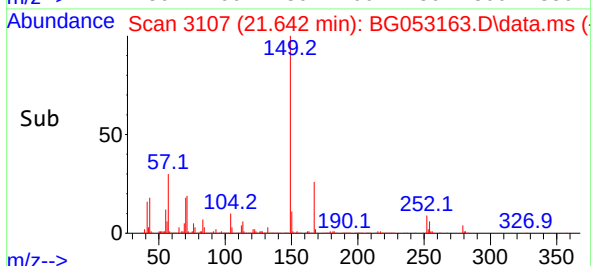
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

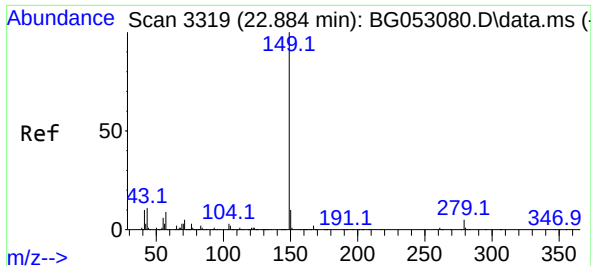


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.691 ng
RT: 21.642 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



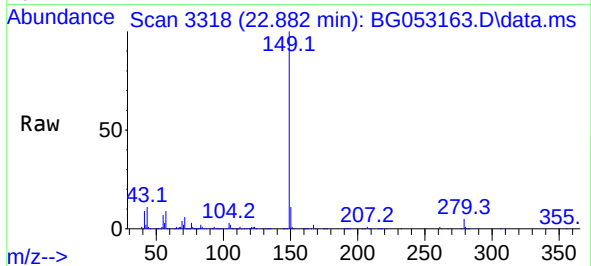
Tgt Ion:149 Resp: 387446
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 4.5 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 39.396 ng
RT: 22.882 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

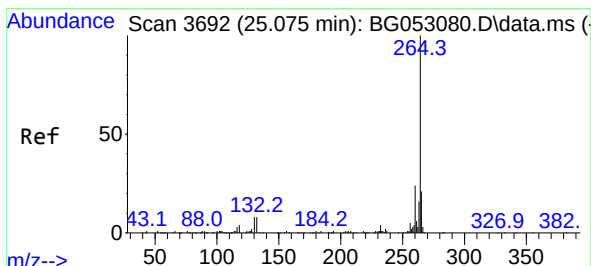
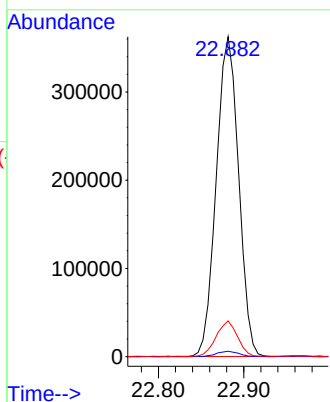
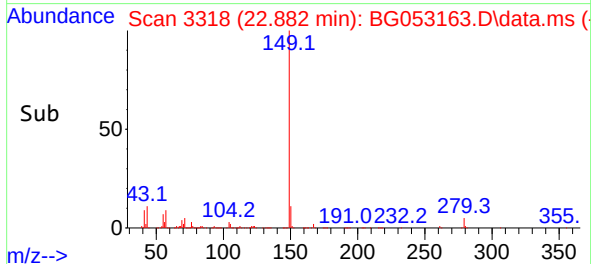
Instrument :
BNA_G
ClientSampleId :
PB144139BS



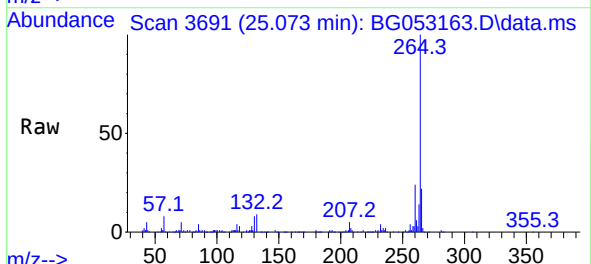
Tgt Ion:149 Resp: 65979
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 7.6 11.4

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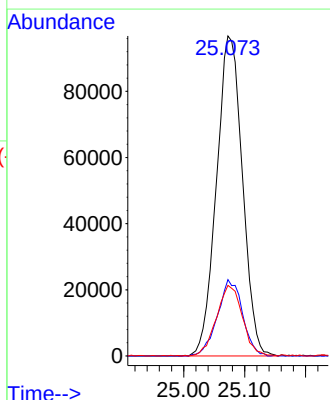
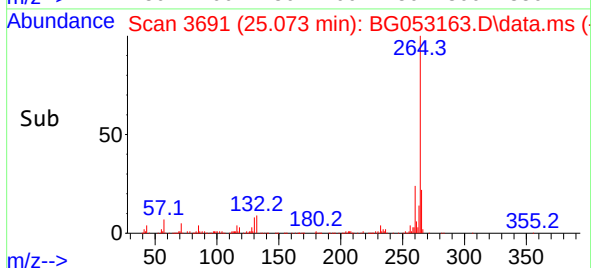
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

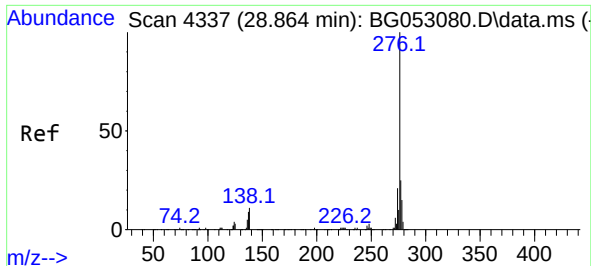


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.073 min Scan# 3691
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



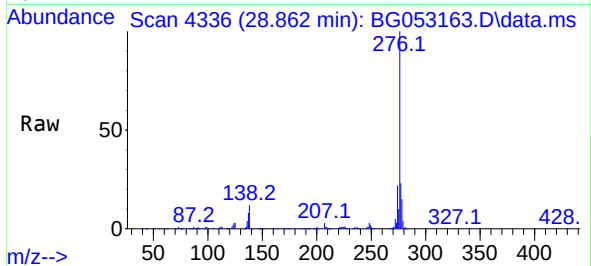
Tgt Ion:264 Resp: 286039
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.2
265 22.0 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.541 ng
RT: 28.862 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

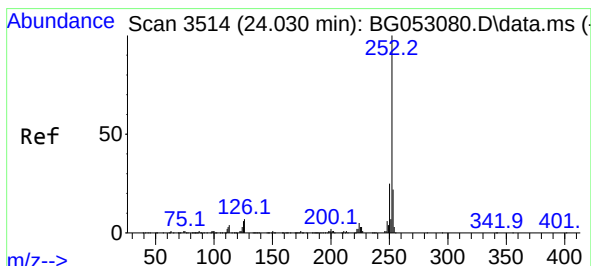
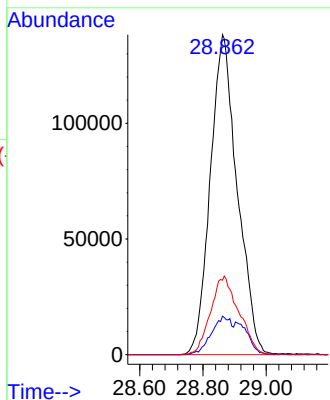
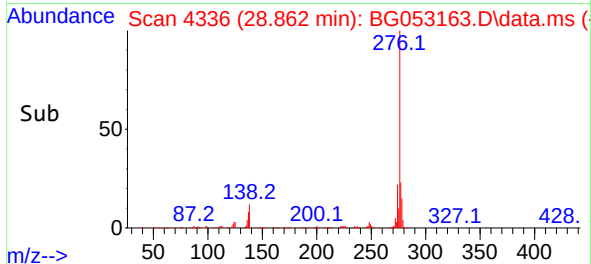
Instrument :
BNA_G
ClientSampleId :
PB144139BS



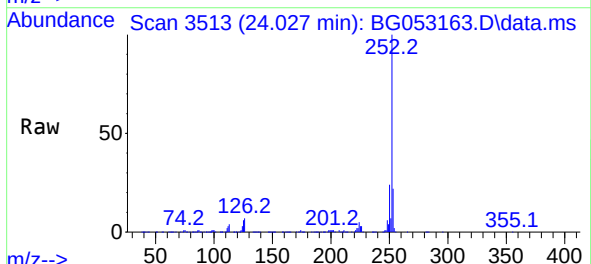
Tgt Ion:276 Resp: 819038
Ion Ratio Lower Upper
276 100
138 9.1 8.7 13.1
277 25.8 20.2 30.4

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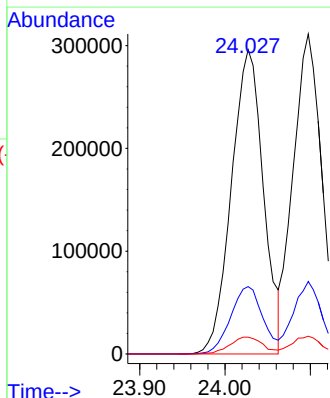
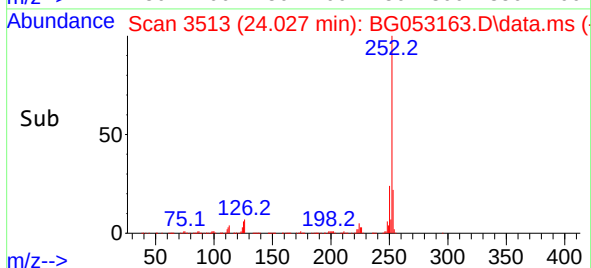
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

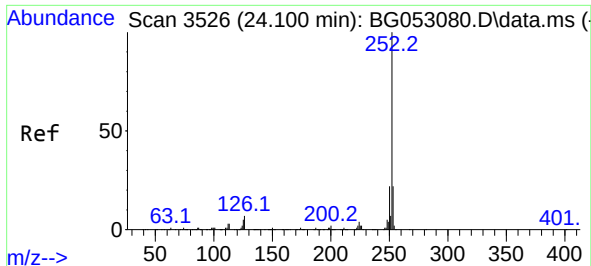


#88
Benzo(b)fluoranthene
Concen: 42.841 ng
RT: 24.027 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05



Tgt Ion:252 Resp: 773161
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 5.5 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 40.634 ng

RT: 24.098 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

PB144139BS

Tgt Ion:252 Resp: 72072

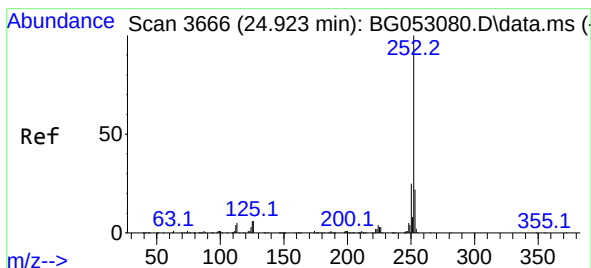
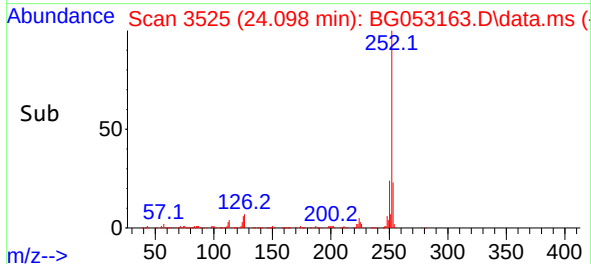
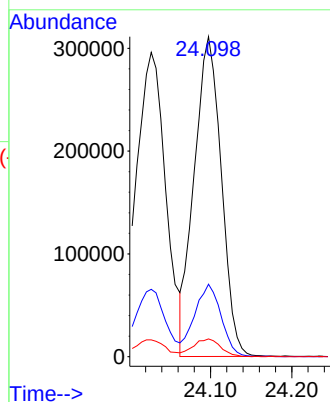
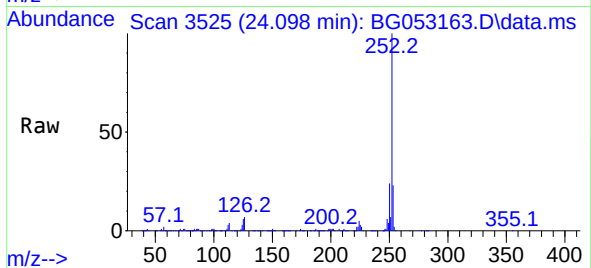
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	5.6	5.0	7.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#90

Benzo(a)pyrene

Concen: 48.015 ng

RT: 24.926 min Scan# 3666

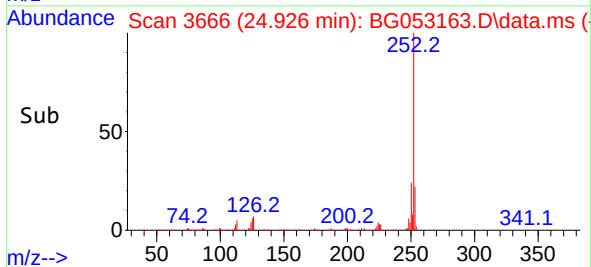
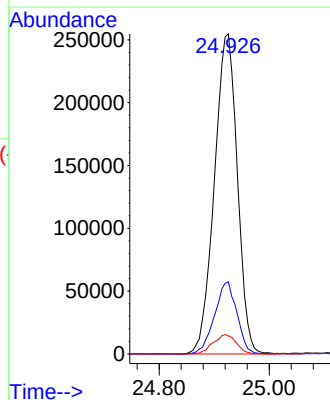
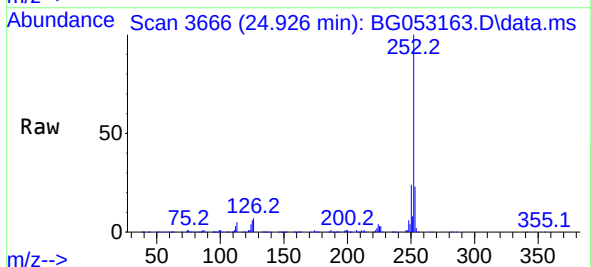
Delta R.T. 0.003 min

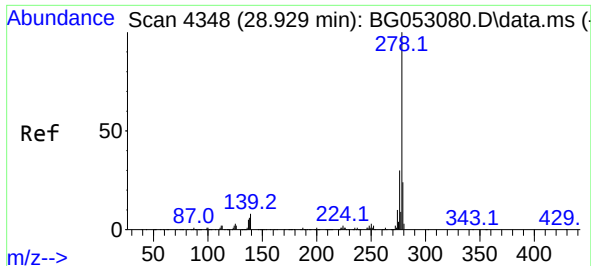
Lab File: BG053163.D

Acq: 15 Apr 2022 14:05

Tgt Ion:252 Resp: 738215

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	5.6	5.6	8.4





#91
Dibenzo(a,h)anthracene
Concen: 40.718 ng
RT: 28.926 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Instrument :

BNA_G

ClientSampleId :

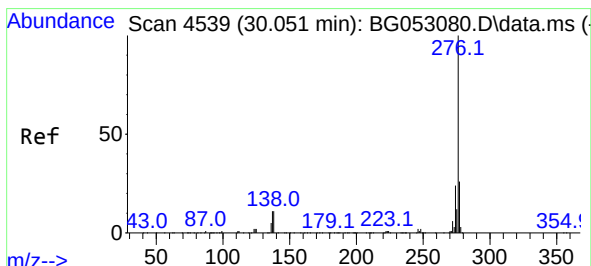
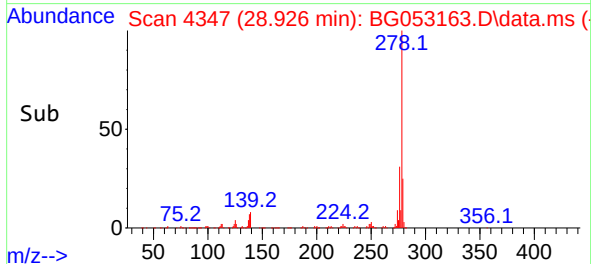
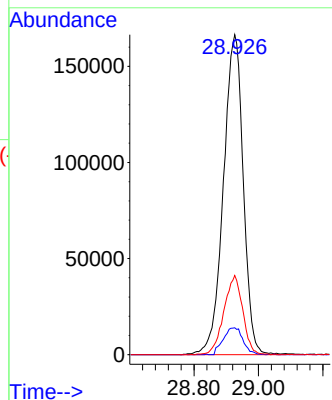
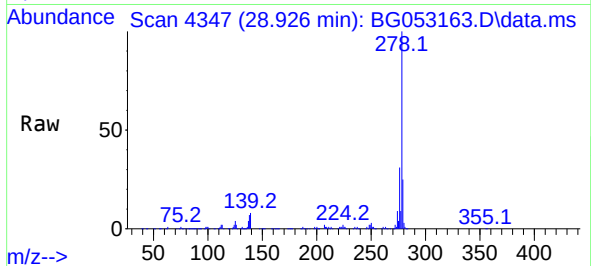
PB144139BS

Tgt Ion:278 Resp: 712194
Ion Ratio Lower Upper
278 100
139 8.4 7.8 11.6
279 24.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#92
Benzo(g,h,i)perylene
Concen: 41.447 ng
RT: 30.048 min Scan# 4538
Delta R.T. -0.003 min
Lab File: BG053163.D
Acq: 15 Apr 2022 14:05

Tgt Ion:276 Resp: 714523
Ion Ratio Lower Upper
276 100
277 24.0 18.2 27.2
138 10.9 9.1 13.7

