

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053342.D
 Acq On : 27 Apr 2022 11:35
 Operator : CG/JU
 Sample : PB144386BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB144386BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 06:40:13 2022

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Apr 24 01:13:30 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	24541	20.000	ng	-0.01
21) Naphthalene-d8	10.914	136	100382	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	77455	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	194816	20.000	ng	0.00
76) Chrysene-d12	21.759	240	193278	20.000	ng	0.00
86) Perylene-d12	25.054	264	208583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	205135	143.286	ng	0.00
7) Phenol-d6	7.266	99	288023	130.460	ng	0.00
23) Nitrobenzene-d5	9.264	82	199159	80.558	ng	-0.01
42) 2,4,6-Tribromophenol	16.219	330	152024	123.368	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	454338	80.884	ng	0.00
79) Terphenyl-d14	20.079	244	965167	84.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.548	88	23961	35.046	ng	# 92
3) Pyridine	3.947	79	62577	34.703	ng	90
4) n-Nitrosodimethylamine	3.859	42	40873	45.773	ng	97
6) Aniline	7.425	93	106915	41.786	ng	98
8) 2-Chlorophenol	7.672	128	78443	50.753	ng	95
9) Benzaldehyde	7.237	77	55424m	41.998	ng	
10) Phenol	7.296	94	107287	48.821	ng	91
11) bis(2-Chloroethyl)ether	7.513	93	72948	46.049	ng	93
12) 1,3-Dichlorobenzene	7.995	146	78471m	43.692	ng	
13) 1,4-Dichlorobenzene	8.142	146	80604	44.022	ng	94
14) 1,2-Dichlorobenzene	8.459	146	78238	44.311	ng	99
15) Benzyl Alcohol	8.341	79	87939m	44.813	ng	
16) 2,2'-oxybis(1-Chloropr...	8.623	45	116100	43.898	ng	99
17) 2-Methylphenol	8.547	107	72009	48.422	ng	96
18) Hexachloroethane	9.187	117	30527	44.460	ng	96
19) n-Nitroso-di-n-propyla...	8.905	70	70816	43.813	ng	# 93
20) 3+4-Methylphenols	8.876	107	97598	46.491	ng	91
22) Acetophenone	8.923	105	123355	44.294	ng	94
24) Nitrobenzene	9.311	77	107915	44.877	ng	92
25) Isophorone	9.828	82	196753	46.823	ng	97
26) 2-Nitrophenol	10.022	139	45727	45.475	ng	95
27) 2,4-Dimethylphenol	10.080	122	78006	54.167	ng	93
28) bis(2-Chloroethoxy)met...	10.309	93	104240	44.155	ng	97
29) 2,4-Dichlorophenol	10.562	162	84848	46.866	ng	99
30) 1,2,4-Trichlorobenzene	10.779	180	88376	43.130	ng	97
31) Naphthalene	10.967	128	237381	44.324	ng	99
32) Benzoic acid	10.239	122	36981	40.103	ng	91
33) 4-Chloroaniline	11.073	127	73156	31.898	ng	97
34) Hexachlorobutadiene	11.249	225	62830	41.279	ng	96
35) Caprolactam	11.837	113	30022m	47.046	ng	
36) 4-Chloro-3-methylphenol	12.189	107	98369	46.671	ng	93
37) 2-Methylnaphthalene	12.565	142	174089m	43.930	ng	
38) 1-Methylnaphthalene	12.783	142	169204	43.742	ng	98
40) 1,2,4,5-Tetrachloroben...	12.935	216	112886	42.912	ng	97
41) Hexachlorocyclopentadiene	12.912	237	124407	91.611	ng	92
43) 2,4,6-Trichlorophenol	13.170	196	76789	42.337	ng	95

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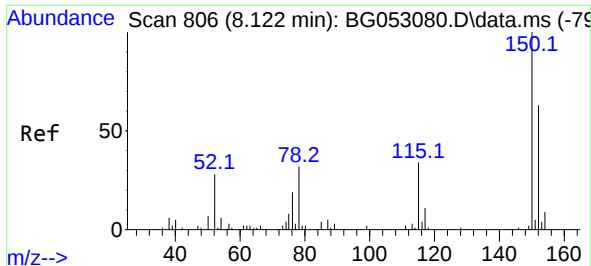
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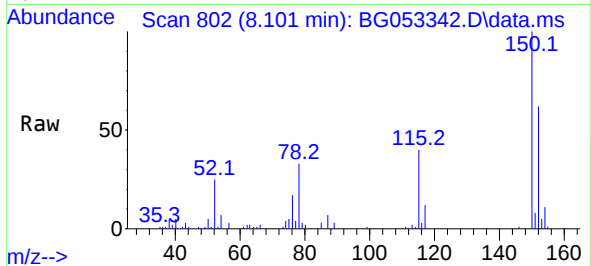
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	84067	43.496	ng	99
46) 1,1'-Biphenyl	13.564	154	238485	42.756	ng	98
47) 2-Chloronaphthalene	13.611	162	188225	42.297	ng	97
48) 2-Nitroaniline	13.805	65	75583	44.755	ng	94
49) Acenaphthylene	14.451	152	329019	47.231	ng	98
50) Dimethylphthalate	14.175	163	274216	44.263	ng	98
51) 2,6-Dinitrotoluene	14.292	165	58616	45.354	ng	# 82
52) Acenaphthene	14.792	154	232763m	49.271	ng	
53) 3-Nitroaniline	14.627	138	48718	35.649	ng	96
54) 2,4-Dinitrophenol	14.839	184	69930	85.037	ng	# 88
55) Dibenzofuran	15.126	168	314751	42.550	ng	98
56) 4-Nitrophenol	14.944	139	96560	92.643	ng	85
57) 2,4-Dinitrotoluene	15.085	165	87014	47.290	ng	87
58) Fluorene	15.773	166	263099	44.037	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.356	232	79754	42.491	ng	97
60) Diethylphthalate	15.532	149	282118	43.463	ng	100
61) 4-Chlorophenyl-phenyle...	15.761	204	143621	42.406	ng	96
62) 4-Nitroaniline	15.790	138	63435	43.989	ng	# 80
63) Azobenzene	16.055	77	284281	43.439	ng	99
65) 4,6-Dinitro-2-methylph...	15.855	198	53010	39.002	ng	96
66) n-Nitrosodiphenylamine	15.972	169	242494	43.285	ng	99
67) 4-Bromophenyl-phenylether	16.654	248	103840	41.598	ng	94
68) Hexachlorobenzene	16.783	284	115184	42.608	ng	93
69) Atrazine	16.918	200	106616	48.720	ng	100
70) Pentachlorophenol	17.130	266	123656	83.696	ng	91
71) Phenanthrene	17.517	178	458625	43.099	ng	98
72) Anthracene	17.611	178	467598	44.355	ng	99
73) Carbazole	17.876	167	434852	42.434	ng	99
74) Di-n-butylphthalate	18.422	149	505301	43.477	ng	99
75) Fluoranthene	19.520	202	607615	44.546	ng	99
77) Benzidine	19.697	184	315409	57.196	ng	99
78) Pyrene	19.885	202	606729	44.077	ng	99
80) Butylbenzylphthalate	20.760	149	228631	44.551	ng	99
81) Benzo(a)anthracene	21.741	228	598002	45.252	ng	97
82) 3,3'-Dichlorobenzidine	21.647	252	162333	33.402	ng	100
83) Chrysene	21.806	228	546753	44.580	ng	99
84) Bis(2-ethylhexyl)phtha...	21.629	149	319557	46.067	ng	100
85) Di-n-octyl phthalate	22.863	149	541619	46.685	ng	97
87) Indeno(1,2,3-cd)pyrene	28.826	276	674349	43.516	ng	98
88) Benzo(b)fluoranthene	24.009	252	642734	48.839	ng	98
89) Benzo(k)fluoranthene	24.079	252	582736	45.054	ng	99
90) Benzo(a)pyrene	24.901	252	603823	53.858	ng	98
91) Dibenzo(a,h)anthracene	28.890	278	579121	45.405	ng	98
92) Benzo(g,h,i)perylene	30.018	276	578270	45.999	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

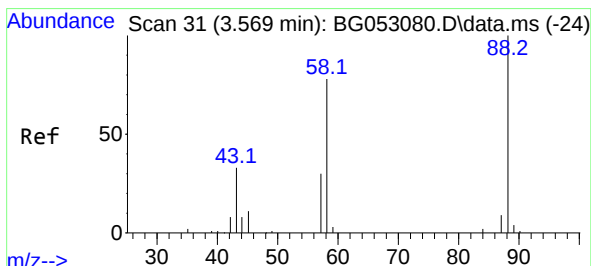
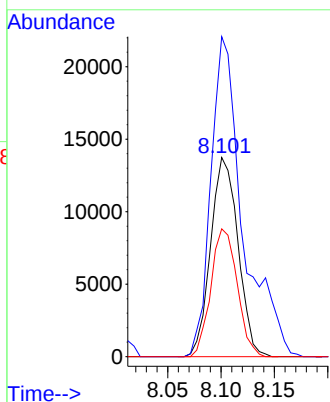
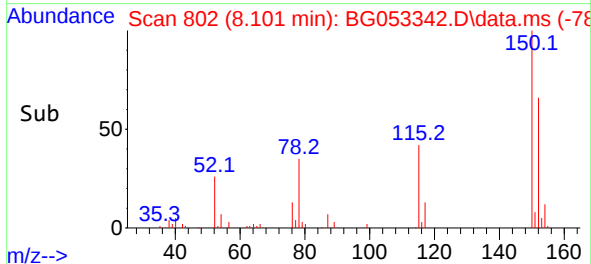
Instrument :
BNA_G
ClientSampleId :
PB144386BS



Tgt Ion:152 Resp: 2454
Ion Ratio Lower Upper
152 100
150 160.6 114.6 172.0
115 64.1 45.9 68.9

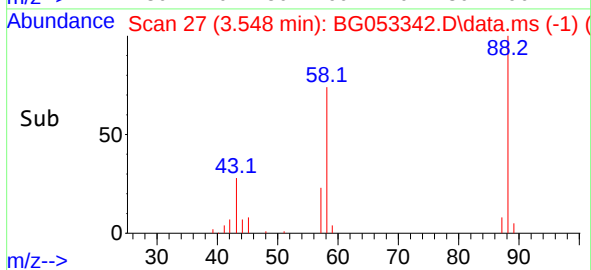
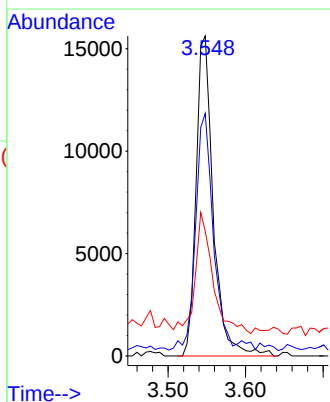
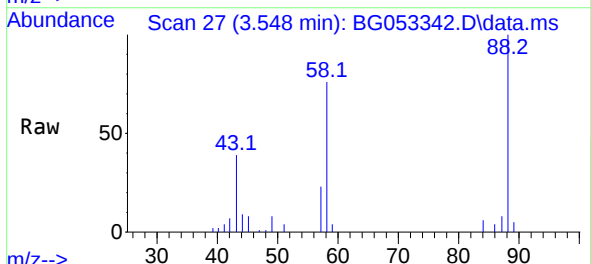
Manual Integrations
APPROVED

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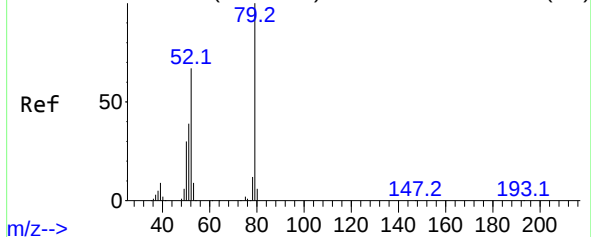


#2
1,4-Dioxane
Concen: 35.046 ng
RT: 3.548 min Scan# 27
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion: 88 Resp: 23961
Ion Ratio Lower Upper
88 100
58 75.8 58.2 87.2
43 39.1 23.4 35.0



Abundance Scan 99 (3.969 min): BG053080.D\data.ms (-95)



#3

Pyridine

Concen: 34.703 ng

RT: 3.947 min Scan# 91

Delta R.T. -0.013 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

Tgt Ion:	79	Resp:	6257
Ion	Ratio	Lower	Upper
79	100		
52	70.9	50.9	76.3
51	36.4	24.4	36.6

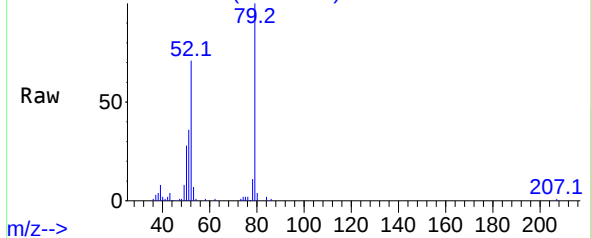
Manual Integrations

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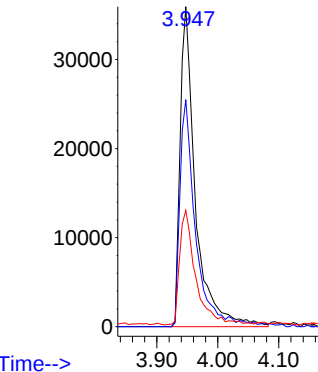
Reviewed By :Christian Giraldo 04/28/2022

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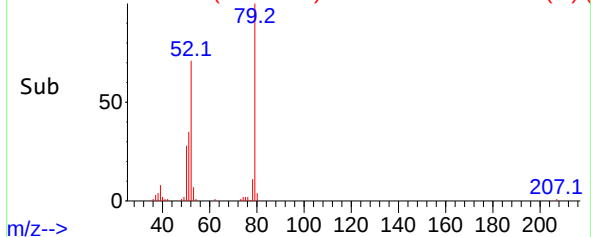
Abundance Scan 95 (3.947 min): BG053342.D\data.ms



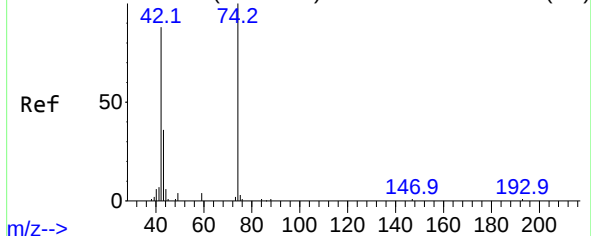
Abundance



Abundance Scan 95 (3.947 min): BG053342.D\data.ms (-7)



Abundance Scan 84 (3.881 min): BG053080.D\data.ms (-78)



#4

n-Nitrosodimethylamine

Concen: 45.773 ng

RT: 3.859 min Scan# 80

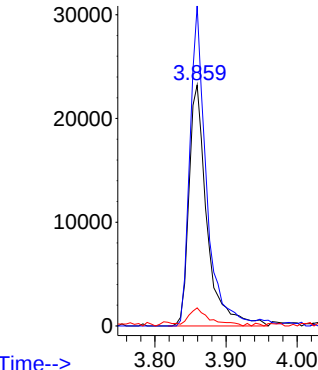
Delta R.T. -0.007 min

Lab File: BG053342.D

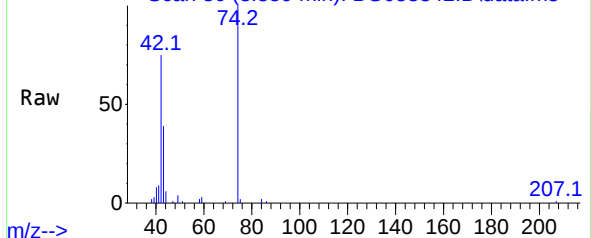
Acq: 27 Apr 2022 11:35

Tgt Ion:	42	Resp:	40873
Ion	Ratio	Lower	Upper
42	100		
74	132.8	108.9	163.3
44	7.5	5.7	8.5

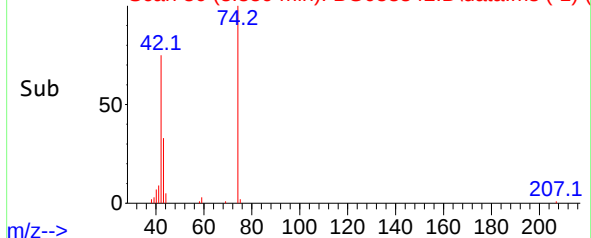
Abundance

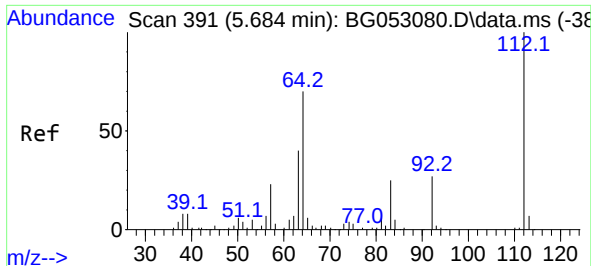


Abundance Scan 80 (3.859 min): BG053342.D\data.ms



Abundance Scan 80 (3.859 min): BG053342.D\data.ms (-1)





#5
2-Fluorophenol
Concen: 143.286 ng
RT: 5.669 min Scan# 311
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

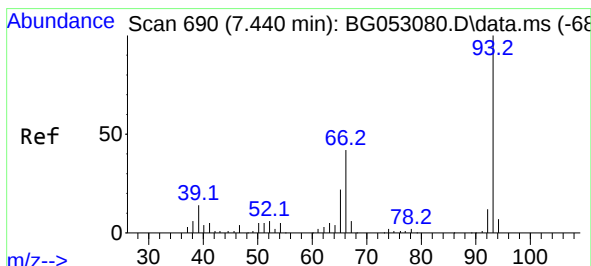
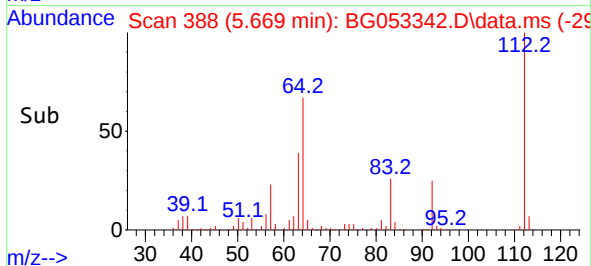
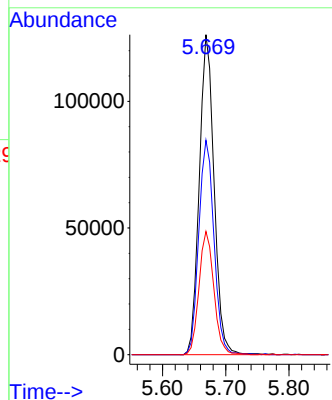
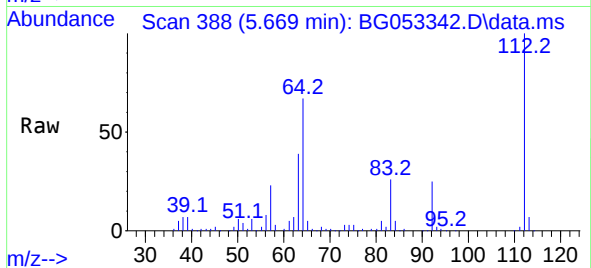
PB144386BS

Tgt Ion:112 Resp: 20513
Ion Ratio Lower Upper
112 100
64 67.0 48.0 72.0
63 38.5 26.5 39.7

Manual Integrations

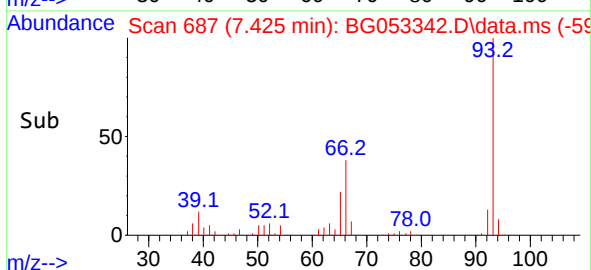
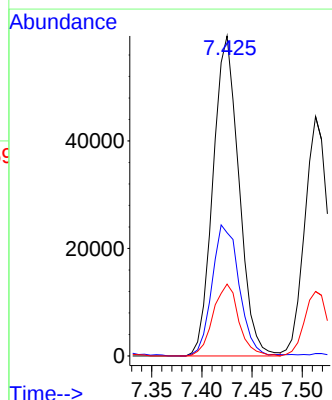
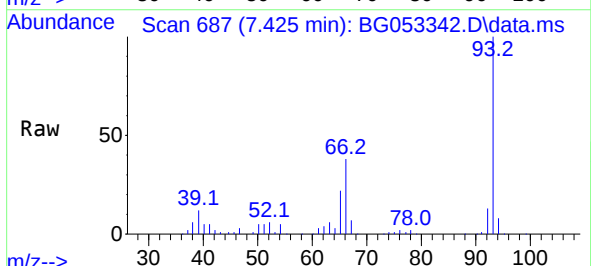
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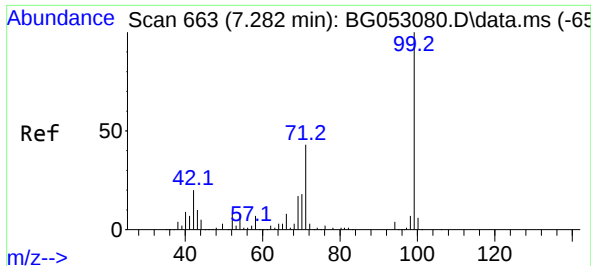
Reviewed By :Christian Giraldo 04/28/2022
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#6
Aniline
Concen: 41.786 ng
RT: 7.425 min Scan# 687
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion: 93 Resp: 106915
Ion Ratio Lower Upper
93 100
66 38.5 31.3 46.9
65 22.5 16.7 25.1





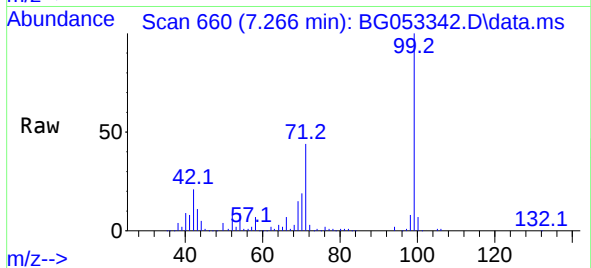
#7
Phenol-d6
Concen: 130.460 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

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PB144386BS

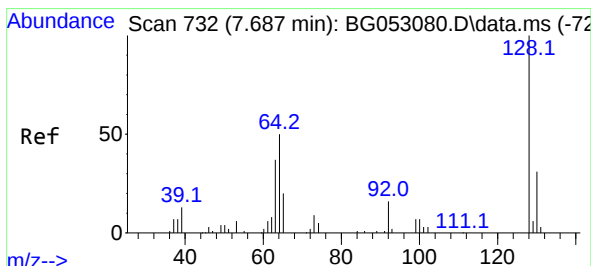
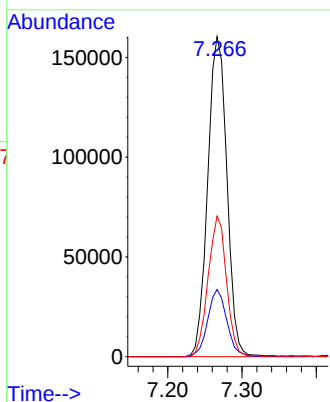
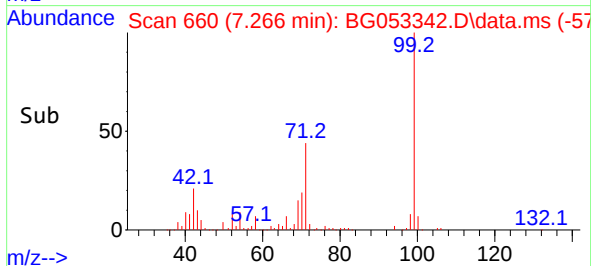


Tgt Ion: 99 Resp: 28802
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 43.9 29.2 43.8

Manual Integrations

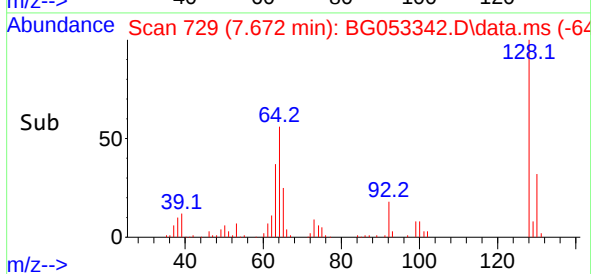
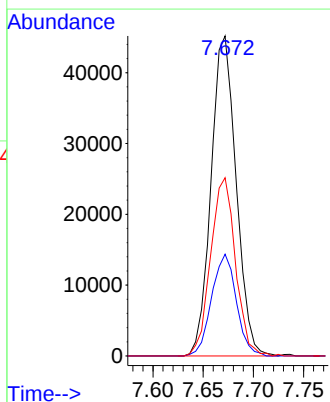
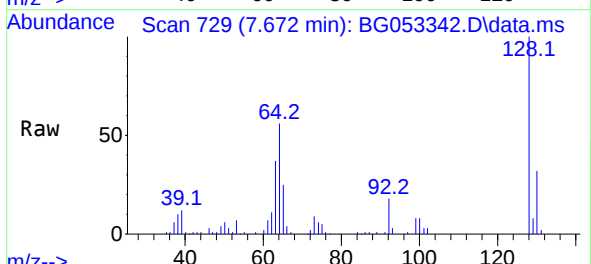
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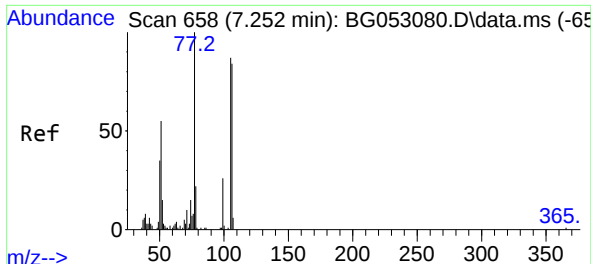
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#8
2-Chlorophenol
Concen: 50.753 ng
RT: 7.672 min Scan# 729
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:128 Resp: 78443
Ion Ratio Lower Upper
128 100
130 31.8 13.4 53.4
64 55.7 30.9 70.9





#9
Benzaldehyde
Concen: 41.998 ng m
RT: 7.237 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

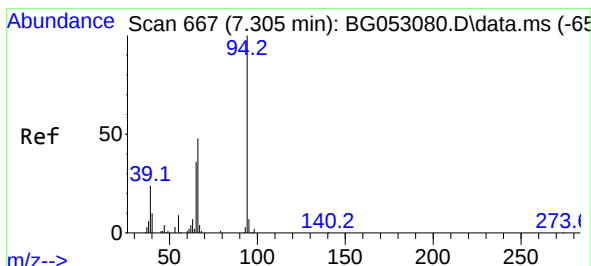
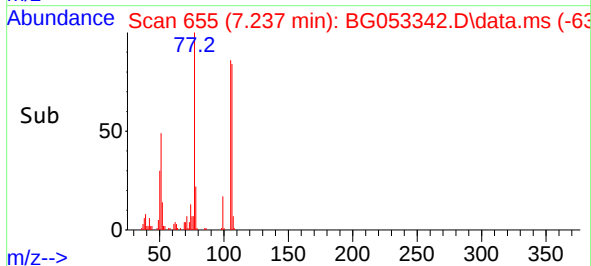
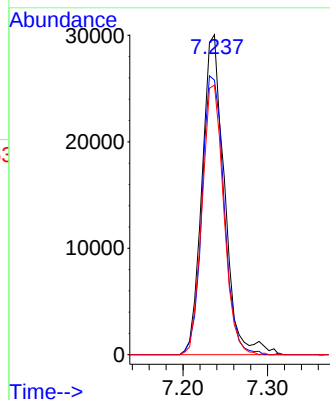
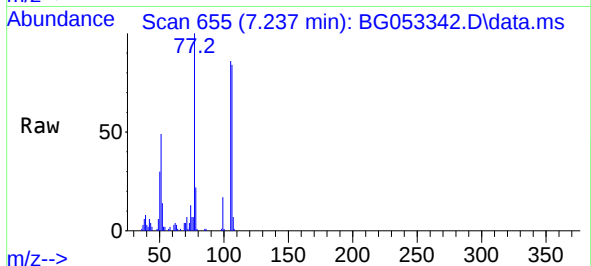
ClientSampleId :

PB144386BS

Tgt Ion: 77 Resp: 55424
Ion Ratio Lower Upper
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105 85.8 70.6 110.6
106 84.2 67.6 107.6

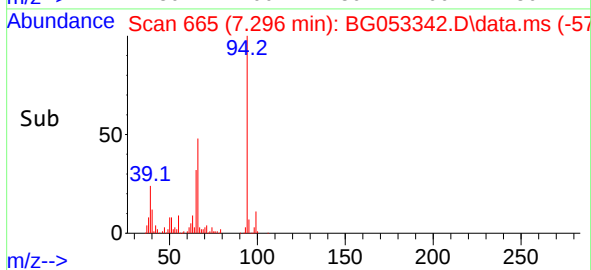
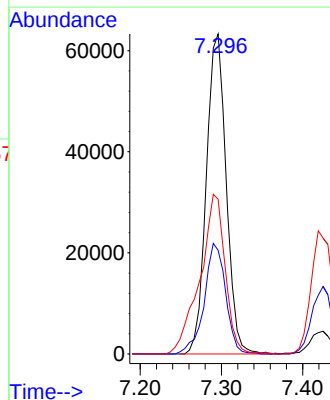
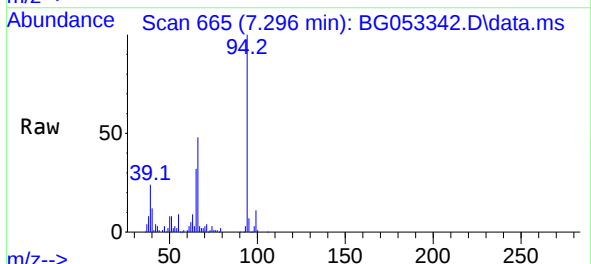
Manual Integrations
APPROVED

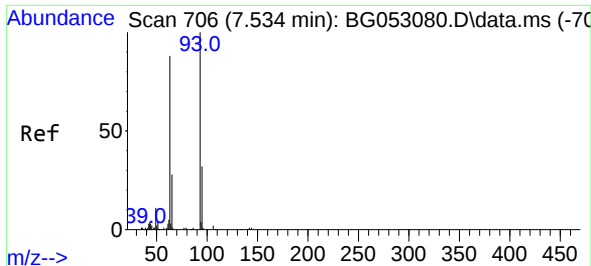
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#10
Phenol
Concen: 48.821 ng
RT: 7.296 min Scan# 665
Delta R.T. -0.001 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion: 94 Resp: 107287
Ion Ratio Lower Upper
94 100
65 32.4 11.1 51.1
66 48.3 20.0 60.0





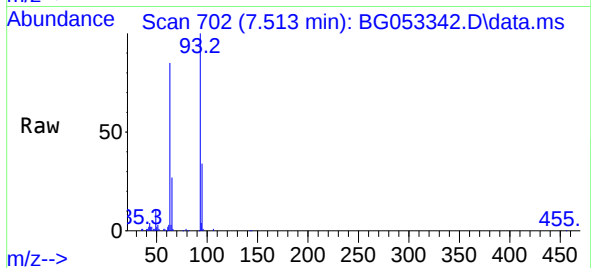
#11
bis(2-Chloroethyl)ether
Concen: 46.049 ng
RT: 7.513 min Scan# 706
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

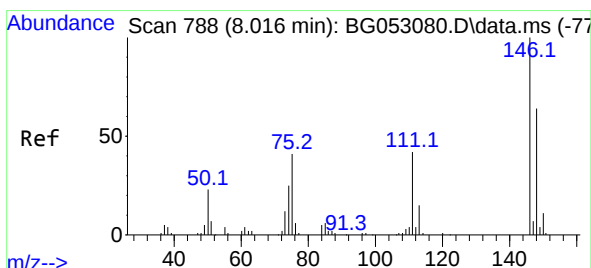
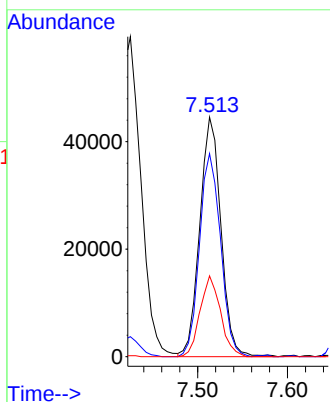
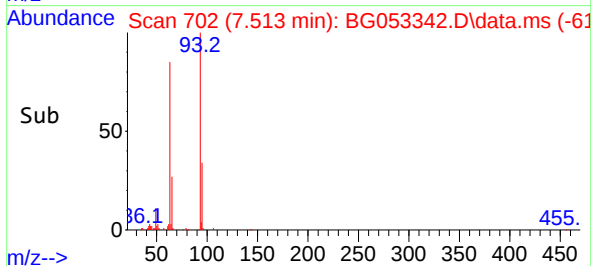


Tgt Ion: 93 Resp: 72948
Ion Ratio Lower Upper
93 100
63 84.8 56.9 96.9
95 33.8 14.5 54.5

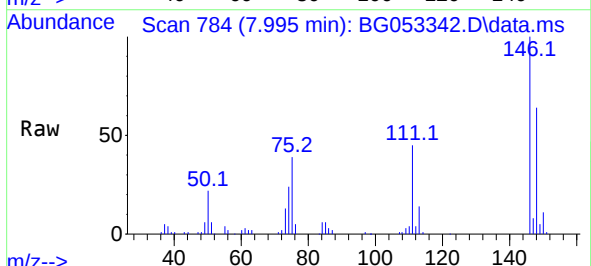
Manual Integrations

APPROVED

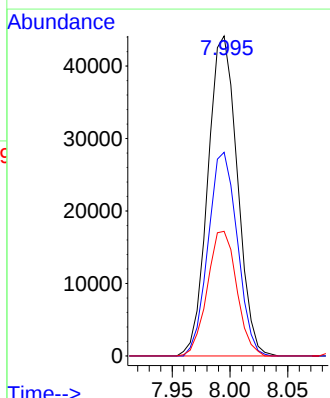
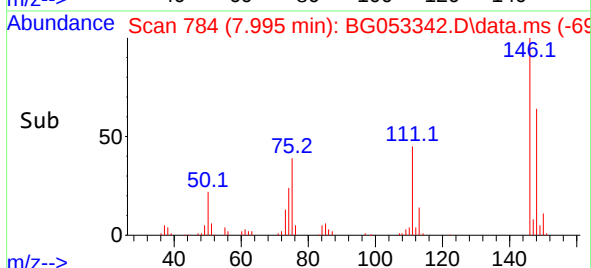
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



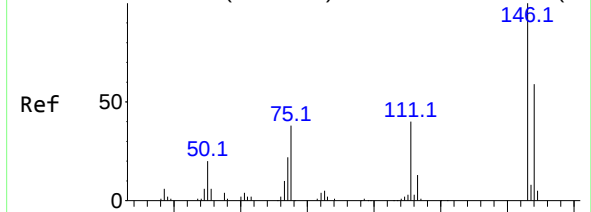
#12
1,3-Dichlorobenzene
Concen: 43.692 ng m
RT: 7.995 min Scan# 784
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:146 Resp: 78471
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
75 39.0 25.9 38.9#

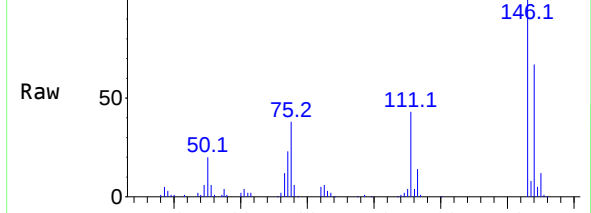


Abundance Scan 812 (8.157 min): BG053080.D\data.ms (-80



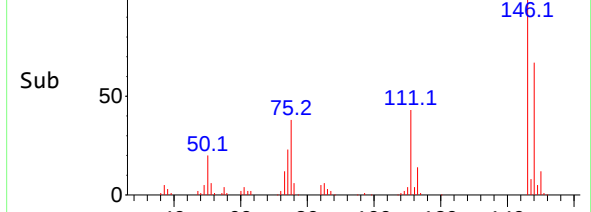
m/z-->

Abundance Scan 809 (8.142 min): BG053342.D\data.ms



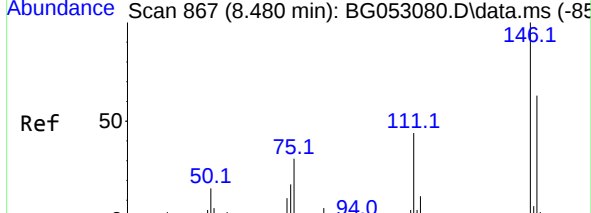
m/z-->

Abundance Scan 809 (8.142 min): BG053342.D\data.ms (-72



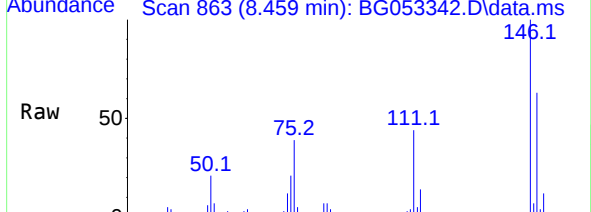
m/z-->

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



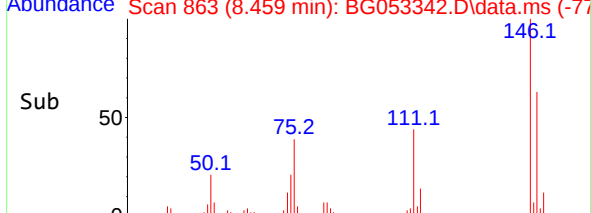
m/z-->

Abundance Scan 863 (8.459 min): BG053342.D\data.ms



m/z-->

Abundance Scan 863 (8.459 min): BG053342.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 44.022 ng

RT: 8.142 min Scan# 809

Delta R.T. -0.007 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Tgt Ion:146 Resp: 80604

Ion Ratio Lower Upper

146 100

148 66.6 50.0 75.0

111 42.7 31.0 46.4

Instrument :

BNA_G

ClientSampleId :

PB144386BS

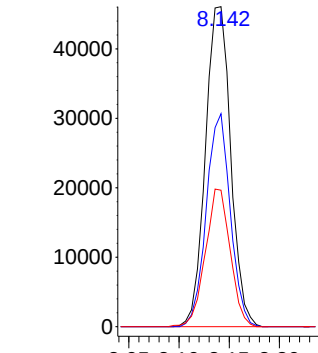
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2022

Supervised By :Jagrut Upadhyay 04/28/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 44.311 ng

RT: 8.459 min Scan# 863

Delta R.T. -0.013 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Tgt Ion:146 Resp: 78238

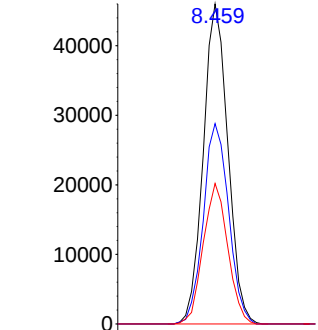
Ion Ratio Lower Upper

146 100

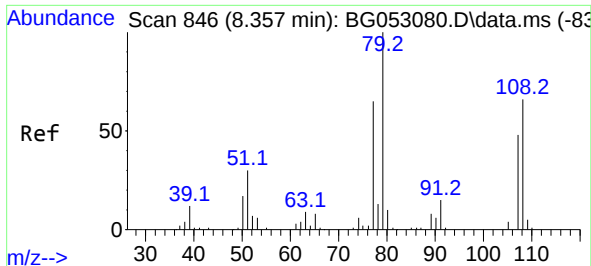
148 62.6 51.0 76.6

111 43.9 34.7 52.1

Abundance



Time-->



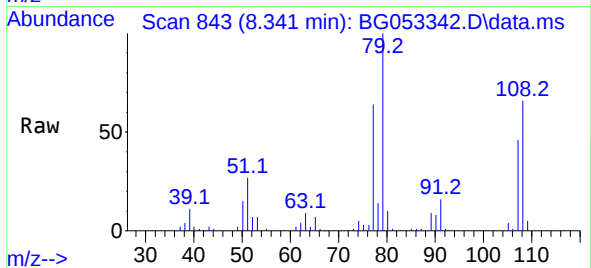
#15
Benzyl Alcohol
Concen: 44.813 ng m
RT: 8.341 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

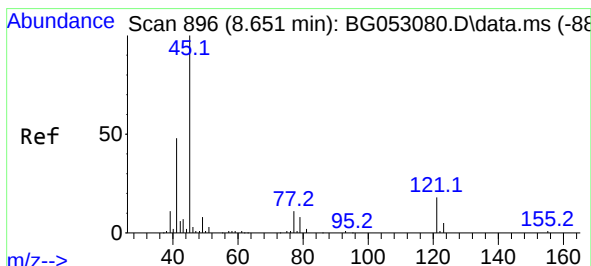
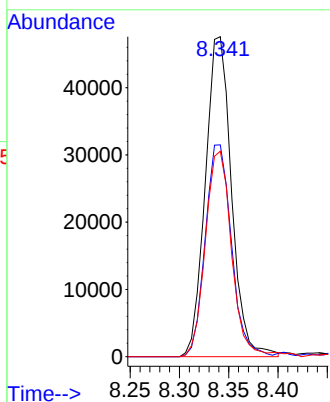
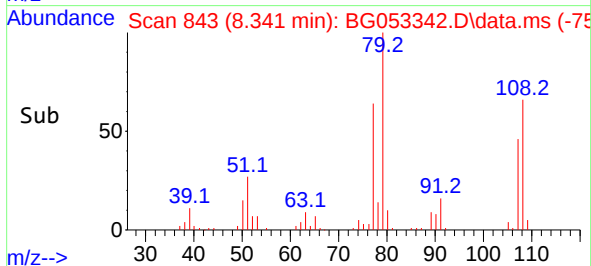


Tgt Ion: 79 Resp: 87939
Ion Ratio Lower Upper
79 100
108 66.2 55.1 82.7
77 64.2 52.4 78.6

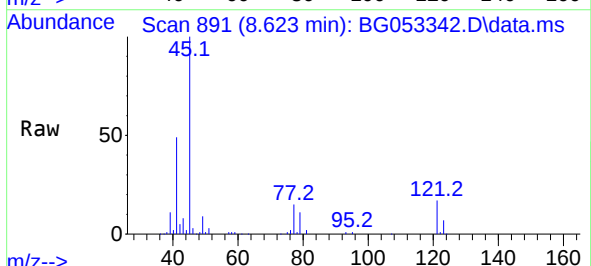
Manual Integrations

APPROVED

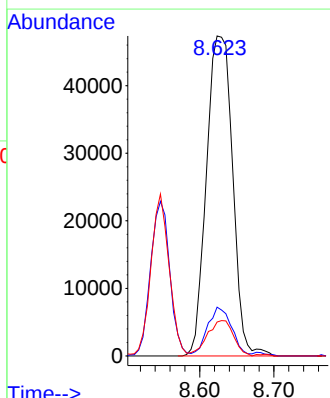
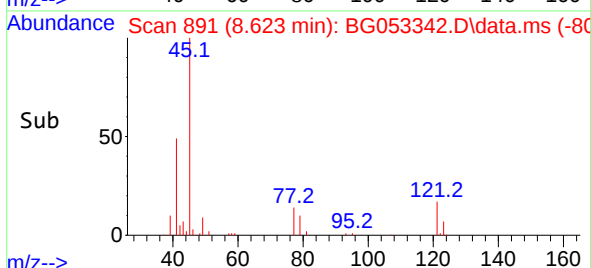
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

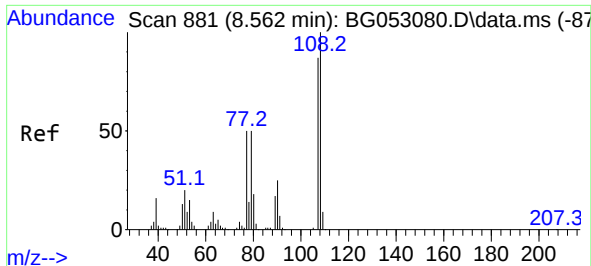


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.898 ng
RT: 8.623 min Scan# 891
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion: 45 Resp: 116100
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.9
79 10.6 0.0 30.7





#17
2-Methylphenol
Concen: 48.422 ng
RT: 8.547 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

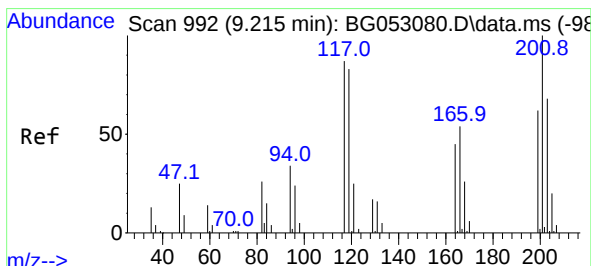
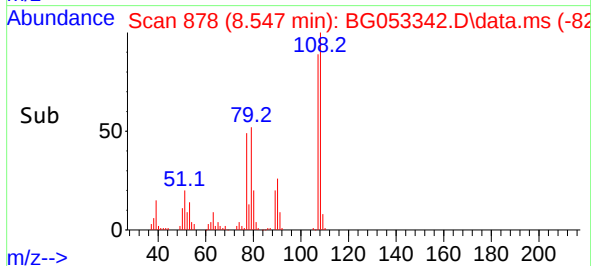
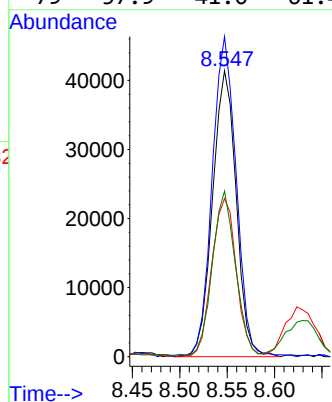
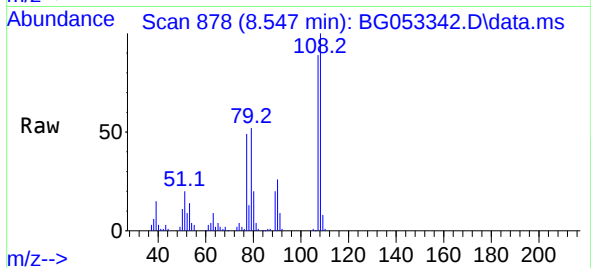
PB144386BS

Tgt Ion:107 Resp: 72009
Ion Ratio Lower Upper
107 100
108 111.9 91.5 137.3
77 55.3 42.5 63.7
79 57.9 41.0 61.4

Manual Integrations

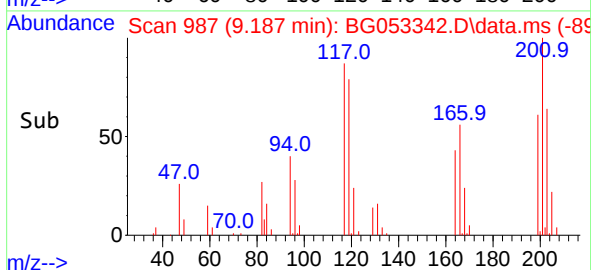
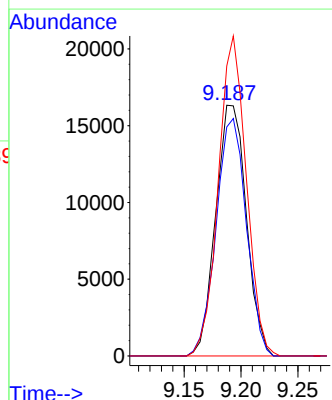
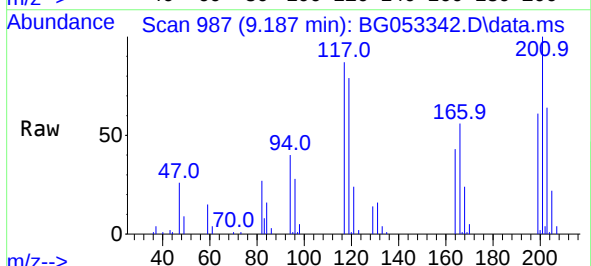
APPROVED

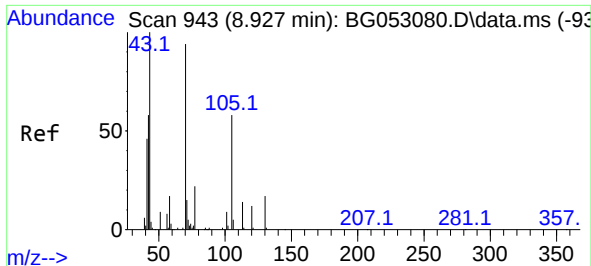
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#18
Hexachloroethane
Concen: 44.460 ng
RT: 9.187 min Scan# 987
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

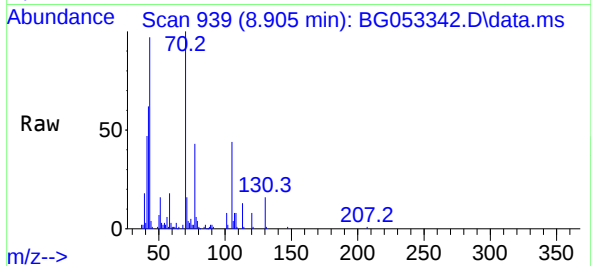
Tgt Ion:117 Resp: 30527
Ion Ratio Lower Upper
117 100
119 91.3 75.1 112.7
201 115.6 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.813 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

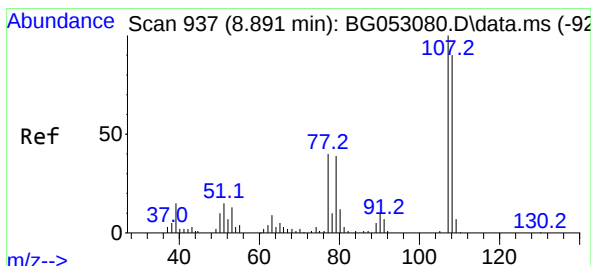
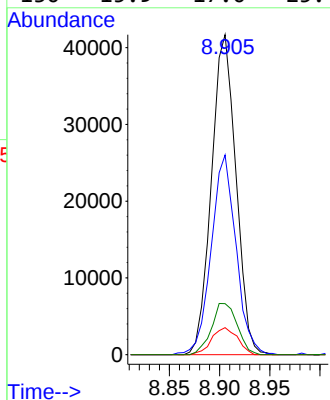
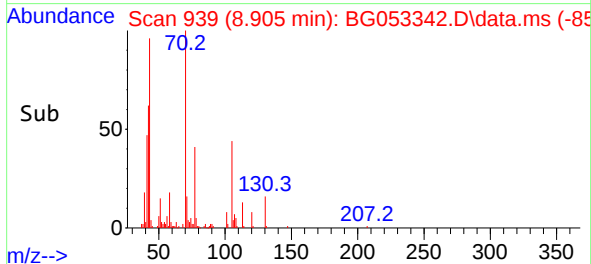
Instrument :
BNA_G
ClientSampleId :
PB144386BS



Tgt Ion: 70 Resp: 70810
Ion Ratio Lower Upper
70 100
42 62.4 46.0 69.0
101 8.5 6.2 9.4
130 15.9 17.0 25.4#

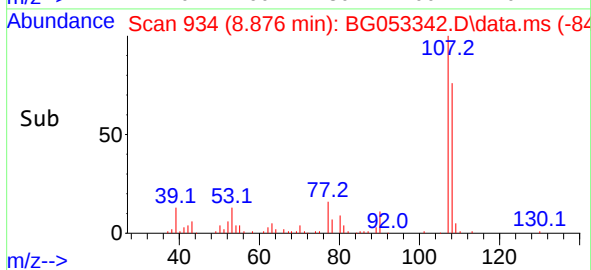
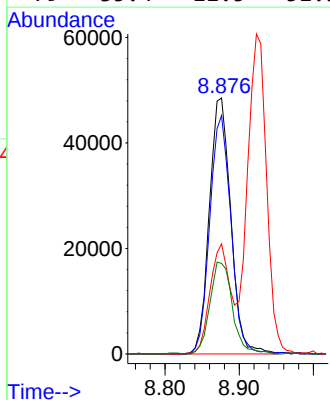
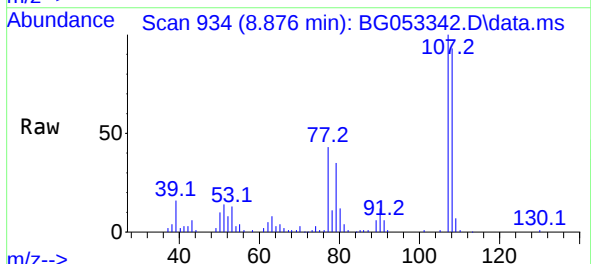
Manual Integrations
APPROVED

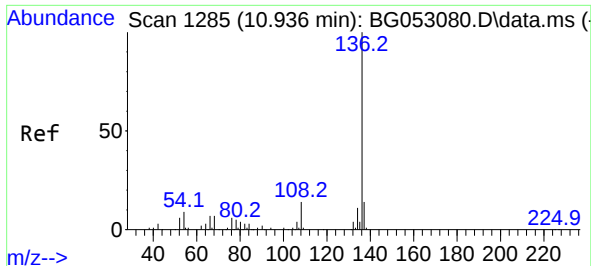
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#20
3+4-Methylphenols
Concen: 46.491 ng
RT: 8.876 min Scan# 934
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:107 Resp: 97598
Ion Ratio Lower Upper
107 100
108 93.1 64.8 104.8
77 43.0 15.9 55.9
79 35.4 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.914 min Scan# 1281
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

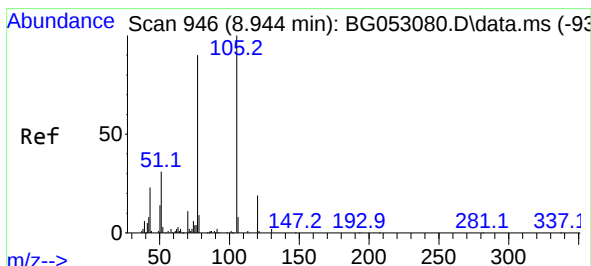
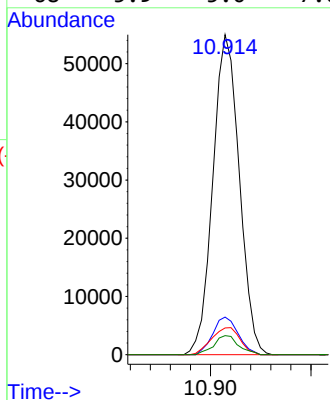
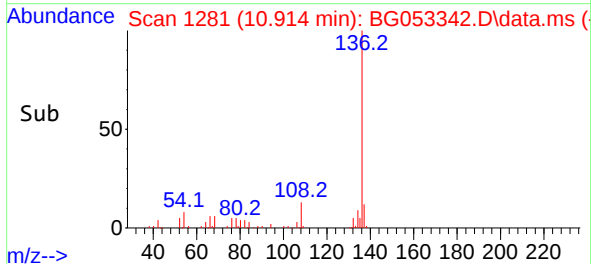
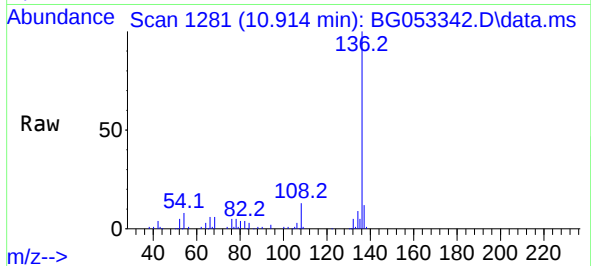
PB144386BS

Tgt Ion:136 Resp: 100382
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 8.4 6.4 9.6
68 5.9 5.0 7.6

Manual Integrations

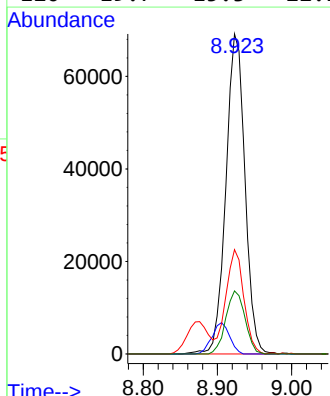
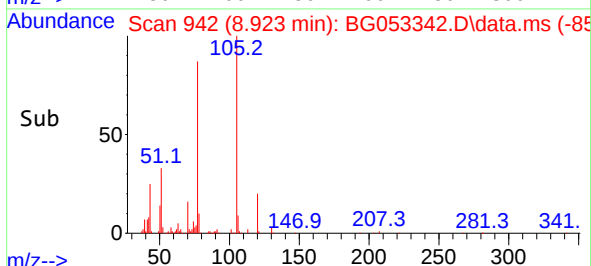
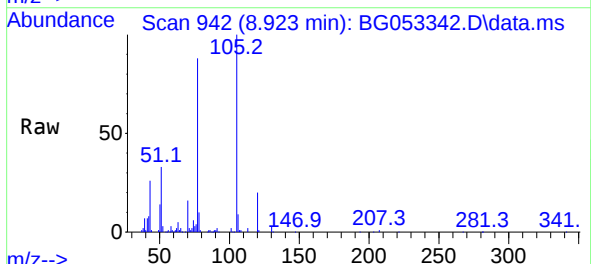
APPROVED

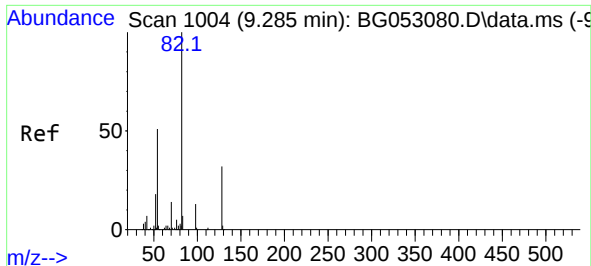
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#22
Acetophenone
Concen: 44.294 ng
RT: 8.923 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

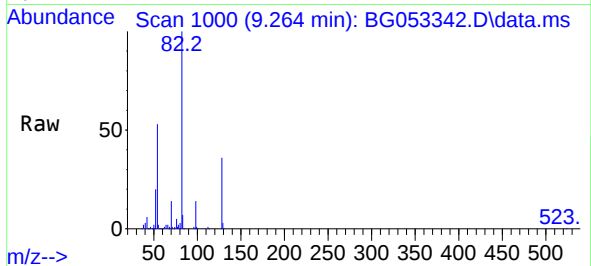
Tgt Ion:105 Resp: 123355
Ion Ratio Lower Upper
105 100
71 2.3 2.1 3.1
51 32.6 21.9 32.9
120 19.7 15.3 22.9





#23
Nitrobenzene-d5
Concen: 80.558 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

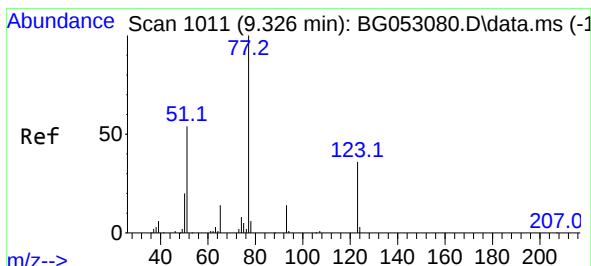
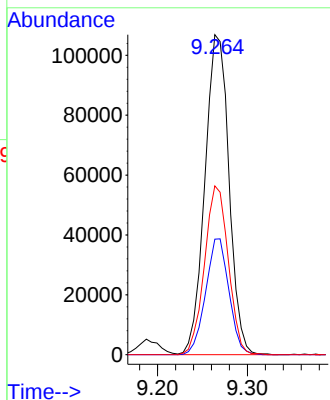
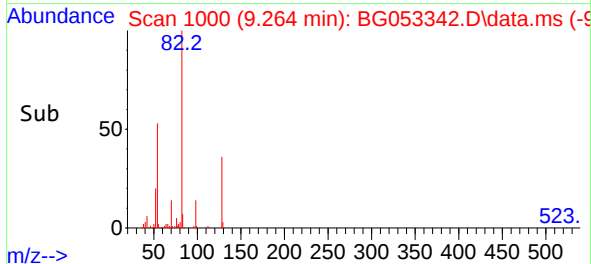
Instrument :
BNA_G
ClientSampleId :
PB144386BS



Tgt Ion: 82 Resp: 19915
Ion Ratio Lower Upper
82 100
128 36.1 31.3 46.9
54 52.8 37.8 56.8

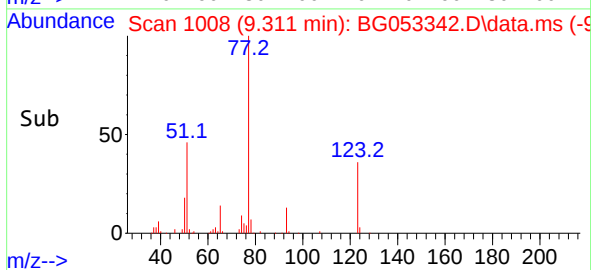
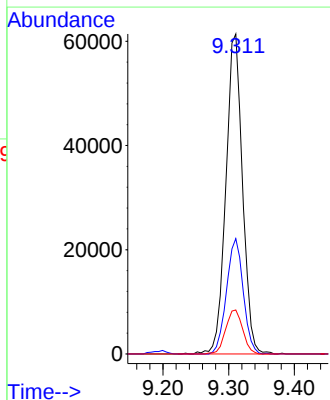
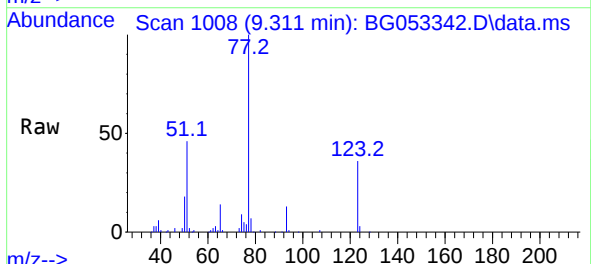
Manual Integrations
APPROVED

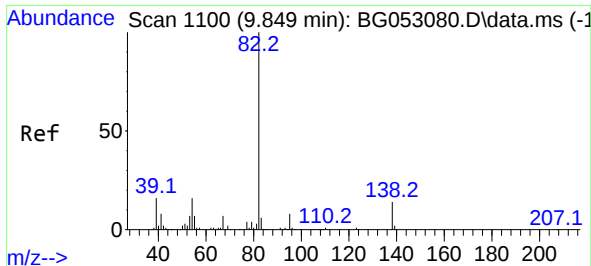
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#24
Nitrobenzene
Concen: 44.877 ng
RT: 9.311 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

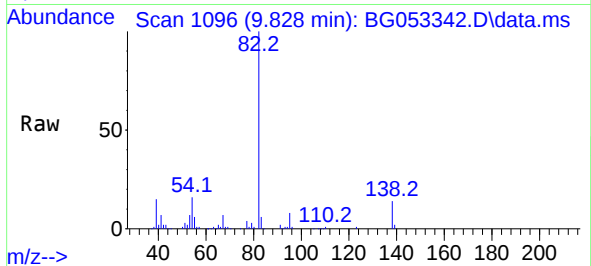
Tgt Ion: 77 Resp: 107915
Ion Ratio Lower Upper
77 100
123 36.0 34.4 51.6
65 13.8 11.2 16.8





#25
Isophorone
Concen: 46.823 ng
RT: 9.828 min Scan# 1096
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

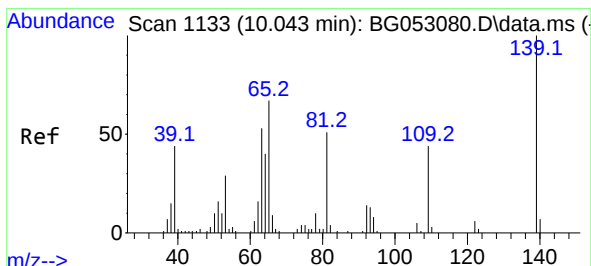
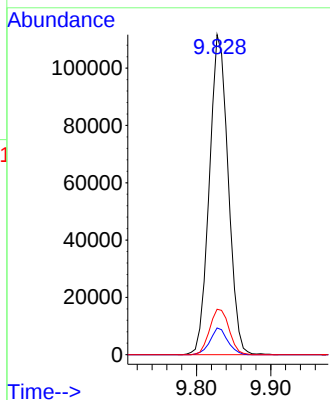
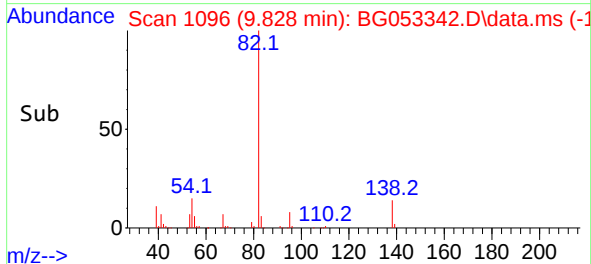
Instrument :
BNA_G
ClientSampleId :
PB144386BS



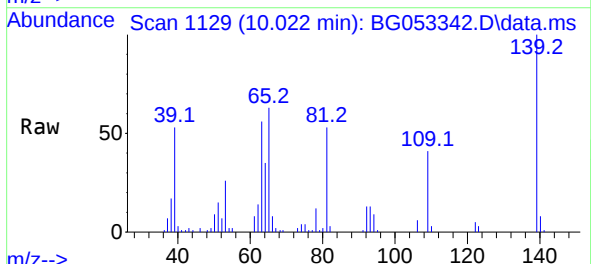
Tgt Ion: 82 Resp: 19675
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 14.2 12.6 18.8

Manual Integrations
APPROVED

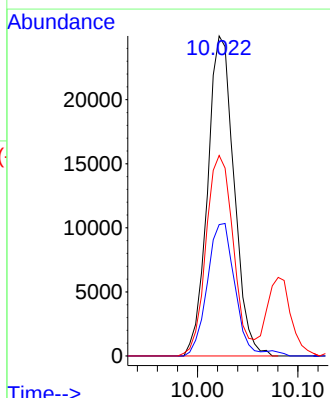
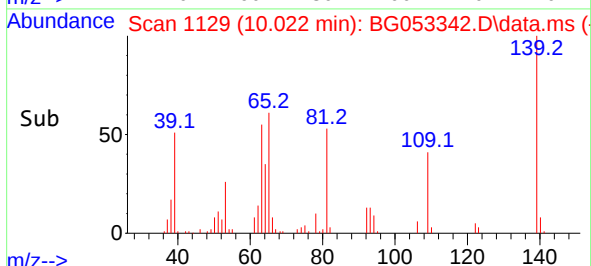
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

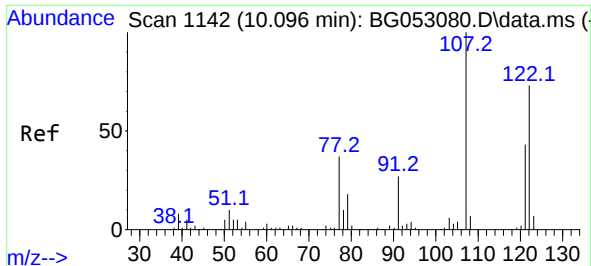


#26
2-Nitrophenol
Concen: 45.475 ng
RT: 10.022 min Scan# 1129
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:139 Resp: 45727
Ion Ratio Lower Upper
139 100
109 41.0 29.4 44.0
65 62.7 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 54.167 ng
RT: 10.080 min Scan# 1139
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

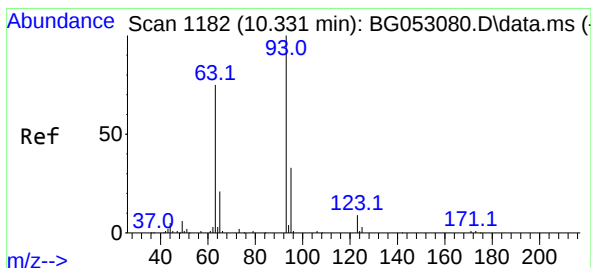
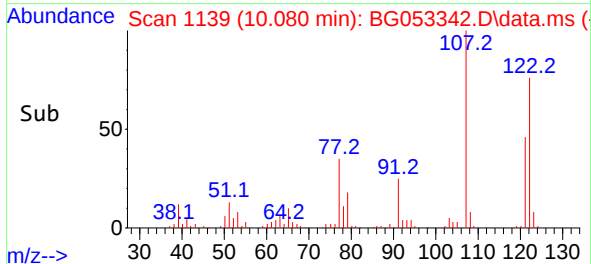
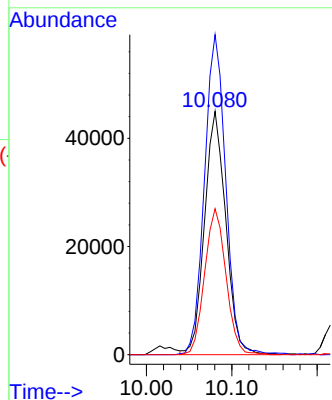
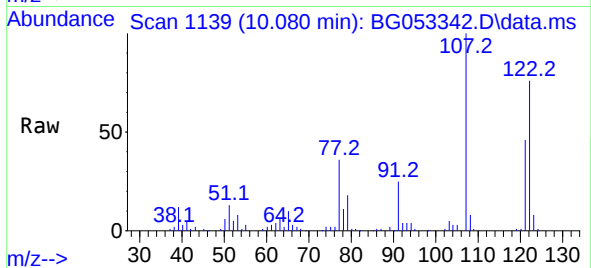
PB144386BS

Tgt Ion:122 Resp: 78000
Ion Ratio Lower Upper
122 100
107 131.5 96.7 145.1
121 59.9 46.3 69.5

Manual Integrations

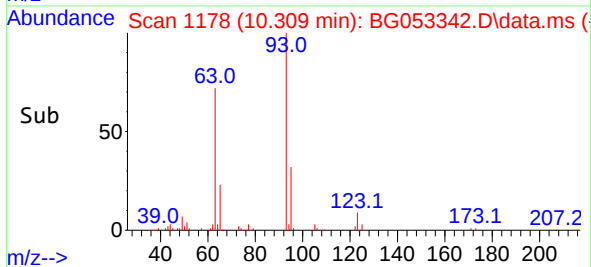
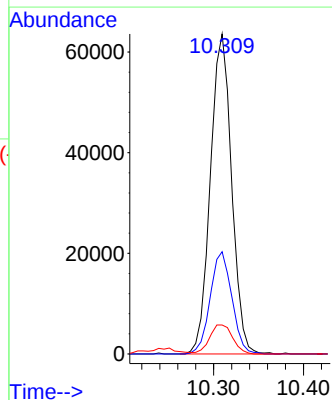
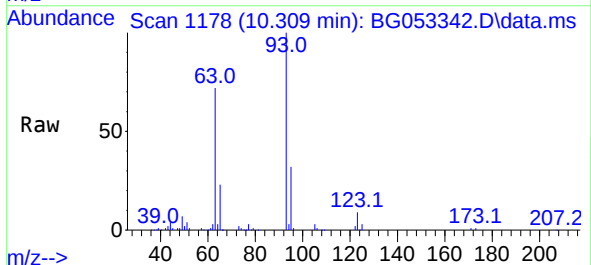
APPROVED

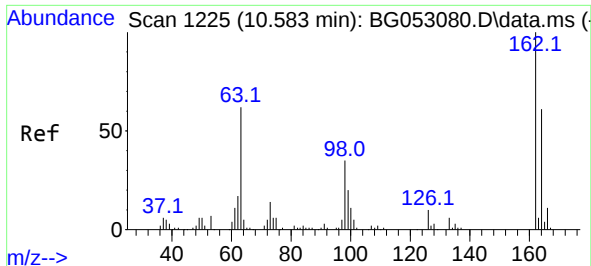
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.155 ng
RT: 10.309 min Scan# 1178
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion: 93 Resp: 104240
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 9.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 46.866 ng

RT: 10.562 min Scan# 11

Delta R.T. -0.013 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

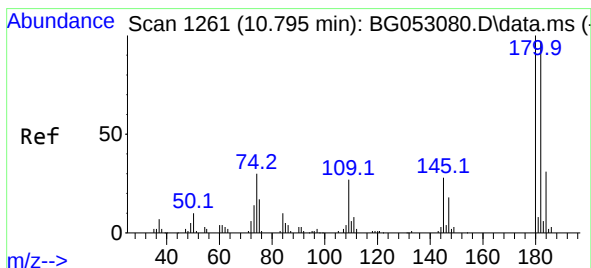
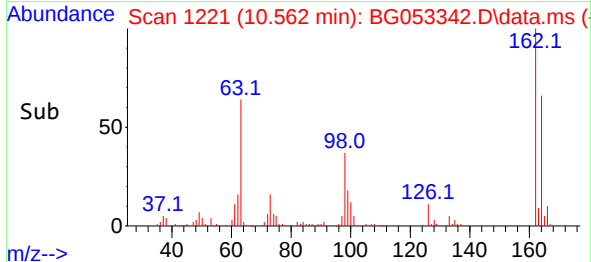
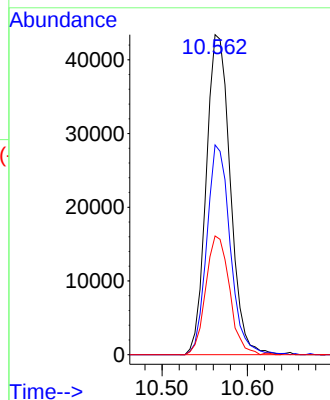
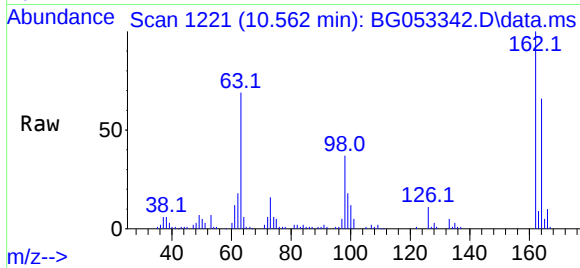
Tgt Ion:162 Resp: 8484

Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.0	84.0
98	37.1	17.3	57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.130 ng

RT: 10.779 min Scan# 1258

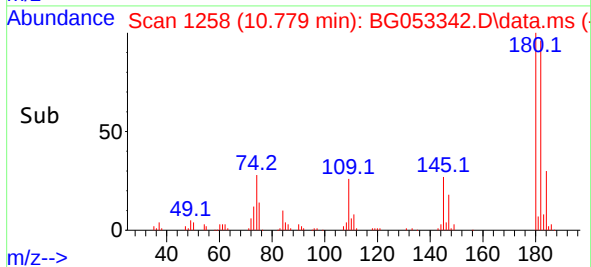
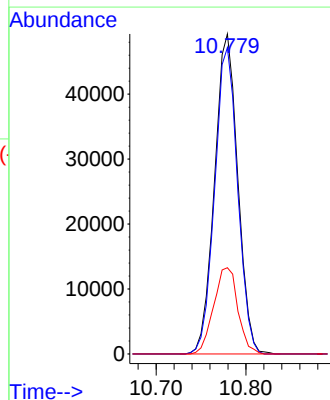
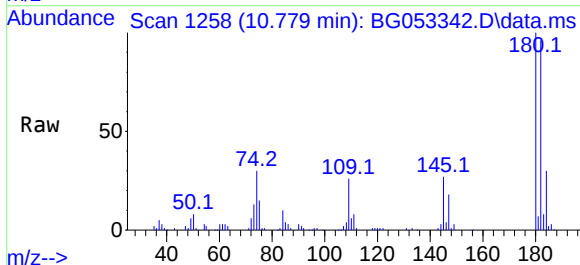
Delta R.T. -0.007 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Tgt Ion:180 Resp: 88376

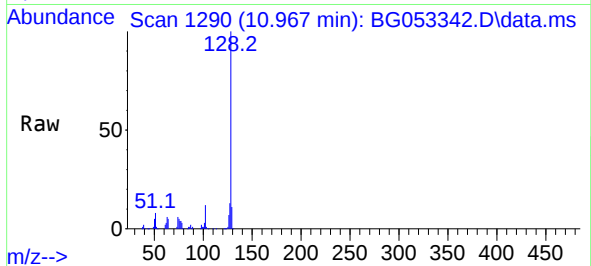
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.8	116.6
145	26.9	24.4	36.6





#31
Naphthalene
Concen: 44.324 ng
RT: 10.967 min Scan# 1166
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

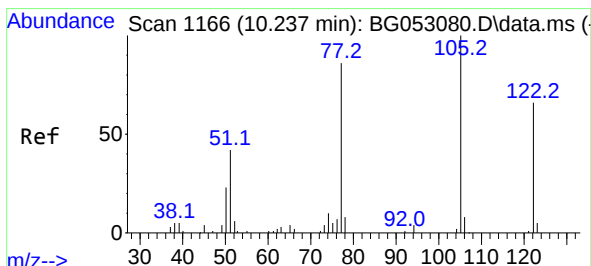
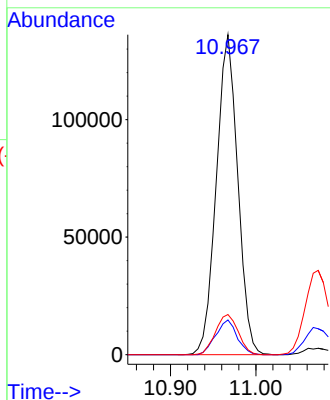
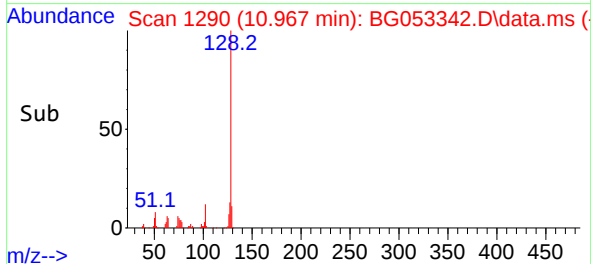
Instrument :
BNA_G
ClientSampleId :
PB144386BS



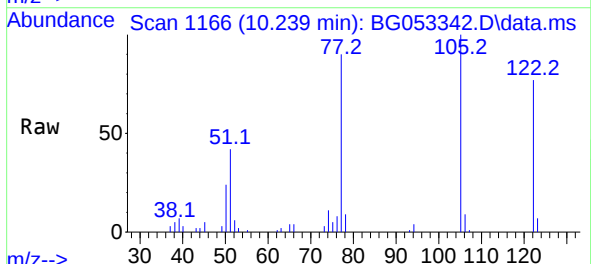
Tgt Ion:128 Resp: 23738
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.6 10.5 15.7

Manual Integrations
APPROVED

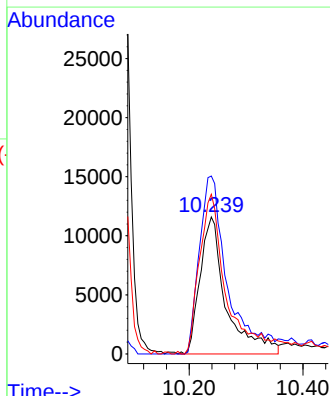
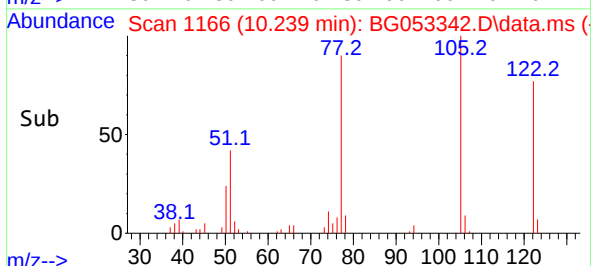
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

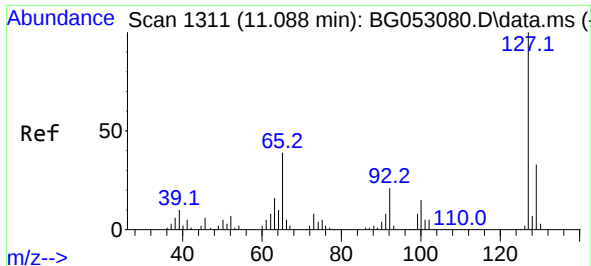


#32
Benzoic acid
Concen: 40.103 ng
RT: 10.239 min Scan# 1166
Delta R.T. 0.005 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:122 Resp: 36981
Ion Ratio Lower Upper
122 100
105 129.8 112.8 152.8
77 116.5 78.4 118.4





#33
4-Chloroaniline
Concen: 31.898 ng
RT: 11.073 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

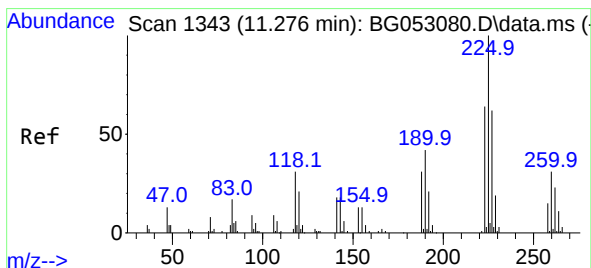
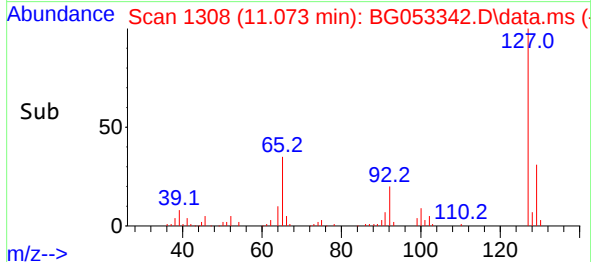
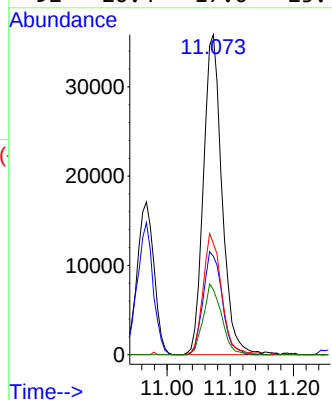
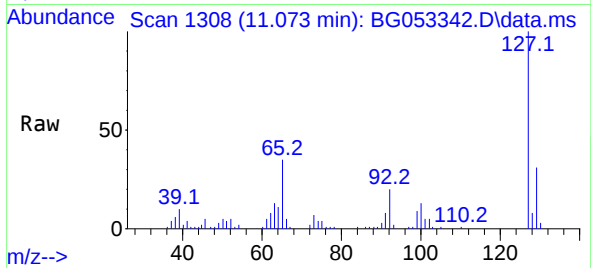
PB144386BS

Tgt Ion:127 Resp: 73150
Ion Ratio Lower Upper
127 100
129 30.8 27.6 41.4
65 34.8 28.2 42.4
92 20.4 17.0 25.4

Manual Integrations

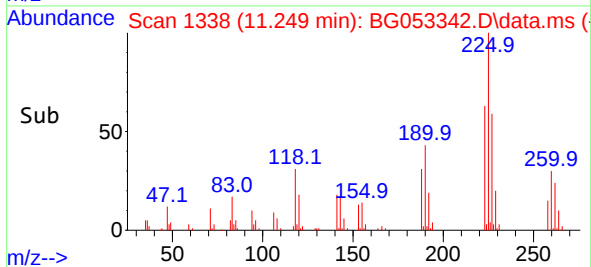
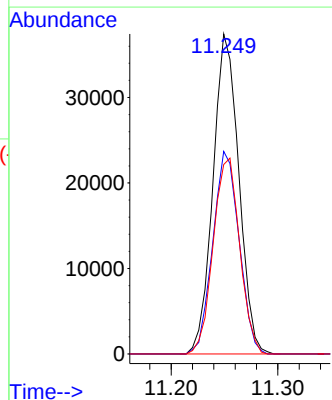
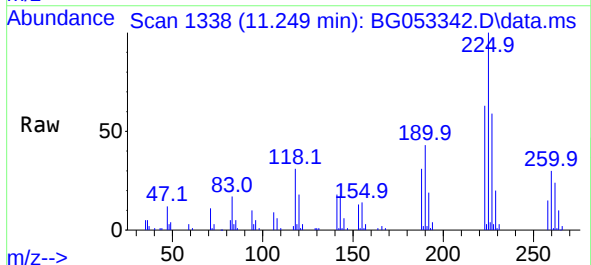
APPROVED

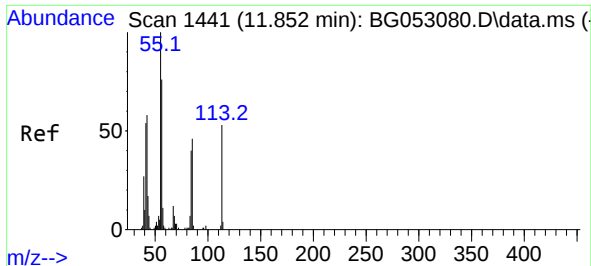
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#34
Hexachlorobutadiene
Concen: 41.279 ng
RT: 11.249 min Scan# 1338
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

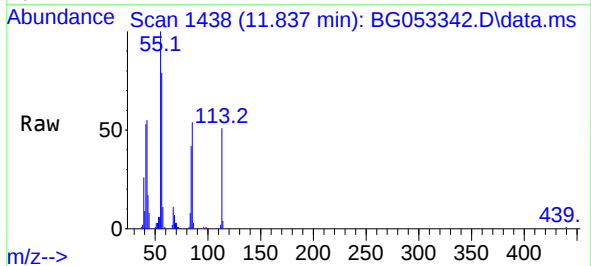
Tgt Ion:225 Resp: 62830
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 59.2 52.0 78.0





#35
Caprolactam
Concen: 47.046 ng m
RT: 11.837 min Scan# 1441
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

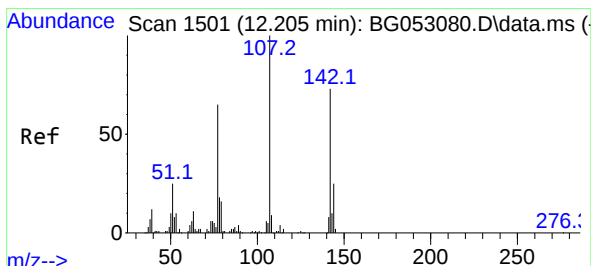
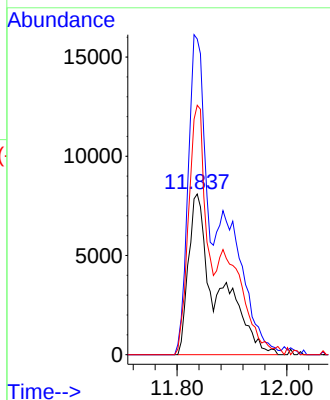
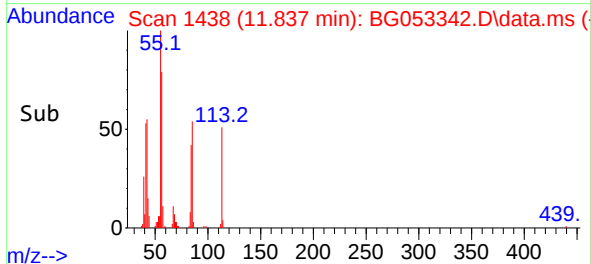
Instrument :
BNA_G
ClientSampleId :
PB144386BS



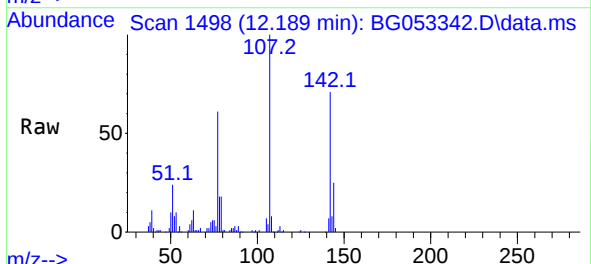
Tgt Ion:113 Resp: 3002
Ion Ratio Lower Upper
113 100
55 196.6 151.3 191.3
56 155.3 128.5 168.5

Manual Integrations
APPROVED

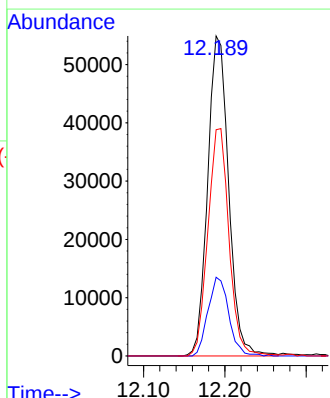
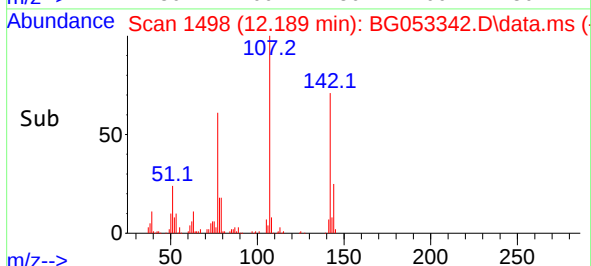
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

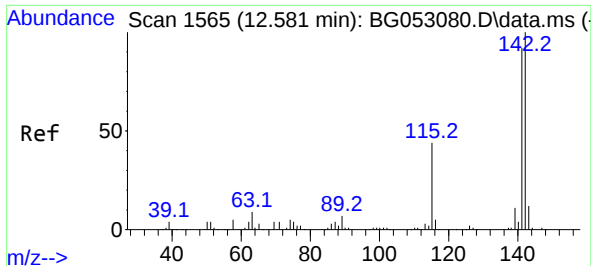


#36
4-Chloro-3-methylphenol
Concen: 46.671 ng
RT: 12.189 min Scan# 1498
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:107 Resp: 98369
Ion Ratio Lower Upper
107 100
144 24.6 21.4 32.0
142 70.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 43.930 ng m

RT: 12.565 min Scan# 1598

Delta R.T. -0.007 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

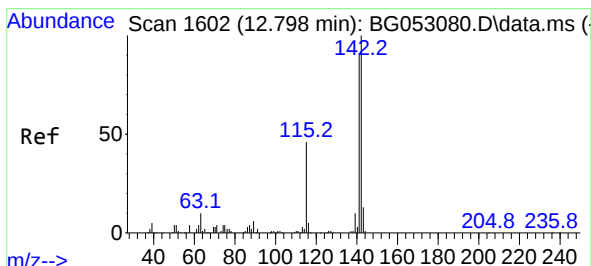
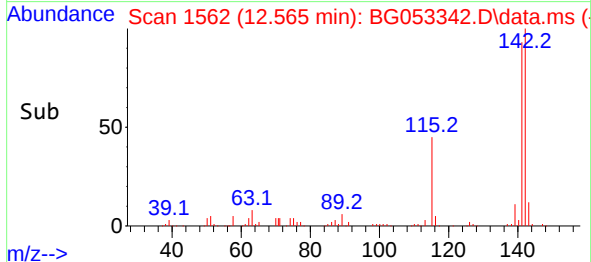
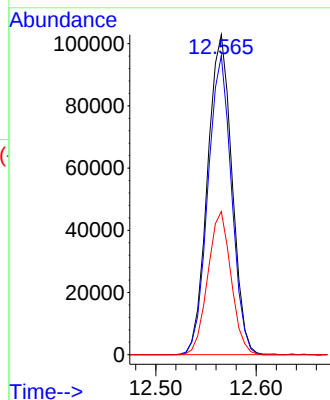
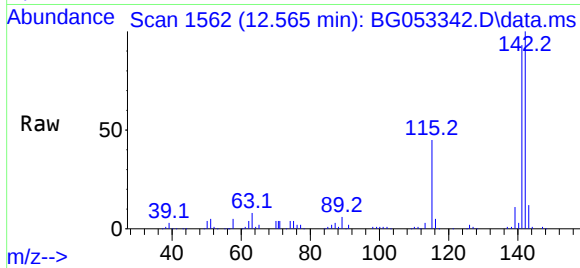
Tgt Ion:142	Resp: 174089
Ion Ratio	Lower Upper
142	100
141	93.4 71.3 106.9
115	44.7 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2022

Supervised By :Jagrut Upadhyay 04/28/2022



#38

1-Methylnaphthalene

Concen: 43.742 ng

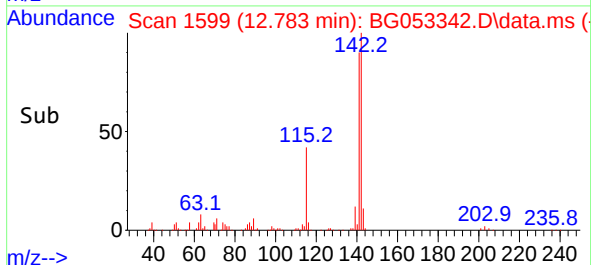
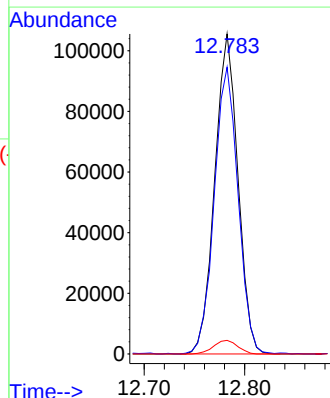
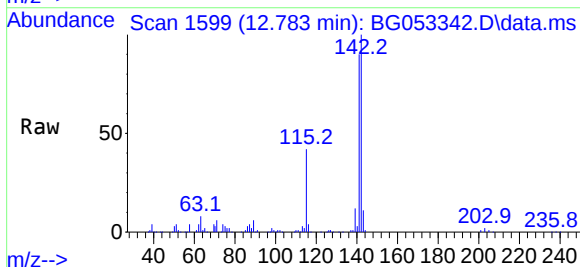
RT: 12.783 min Scan# 1599

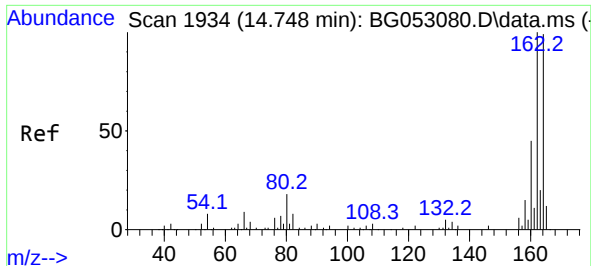
Delta R.T. -0.007 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Tgt Ion:142	Resp: 169204
Ion Ratio	Lower Upper
142	100
141	89.6 70.5 105.7
116	4.3 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

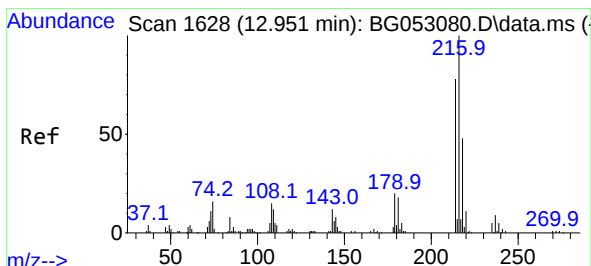
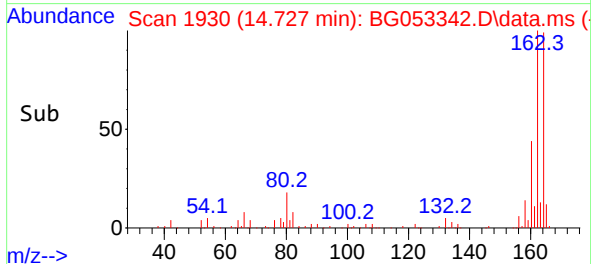
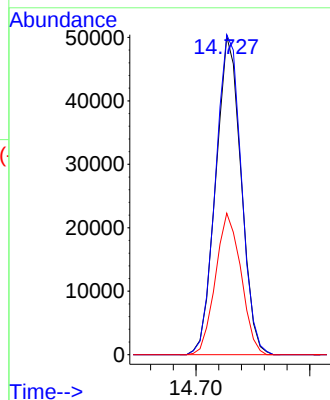
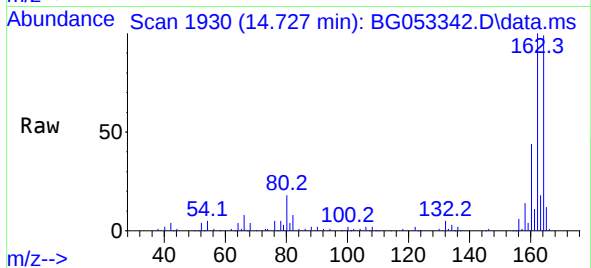
PB144386BS

Tgt Ion:164 Resp: 7745
Ion Ratio Lower Upper
164 100
162 100.6 80.0 120.0
160 44.4 38.8 58.2

Manual Integrations

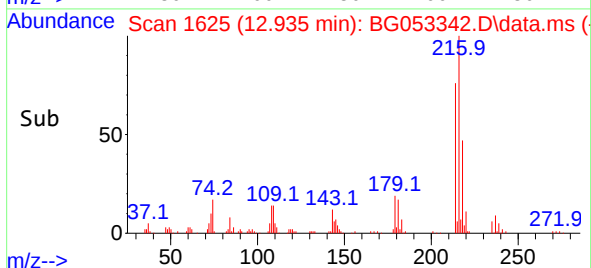
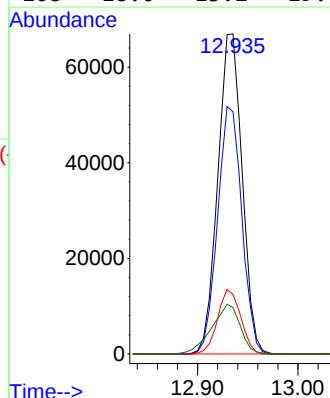
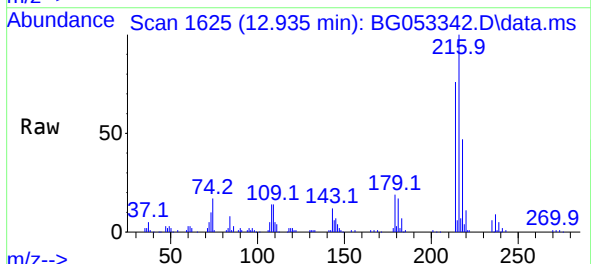
APPROVED

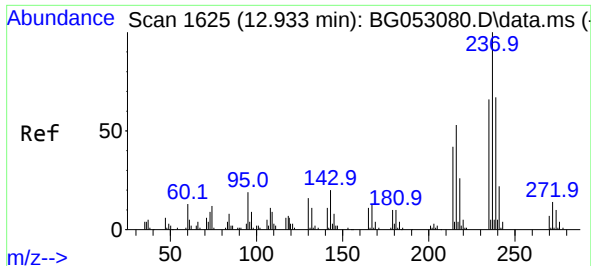
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.912 ng
RT: 12.935 min Scan# 1625
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

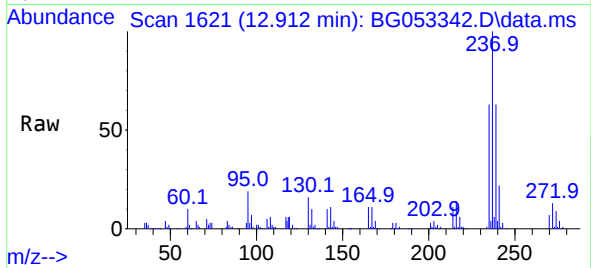
Tgt Ion:216 Resp: 112886
Ion Ratio Lower Upper
216 100
214 76.8 63.8 95.6
179 19.1 15.7 23.5
108 18.0 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 91.611 ng
RT: 12.912 min Scan# 1621
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

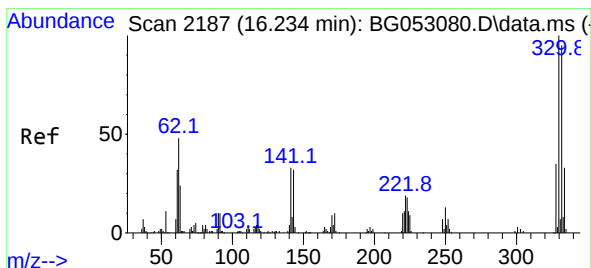
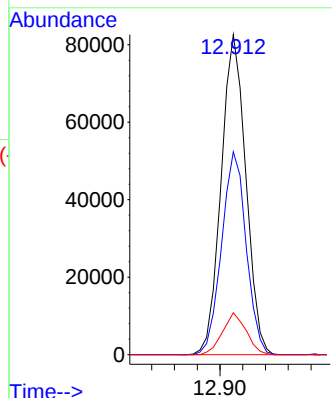
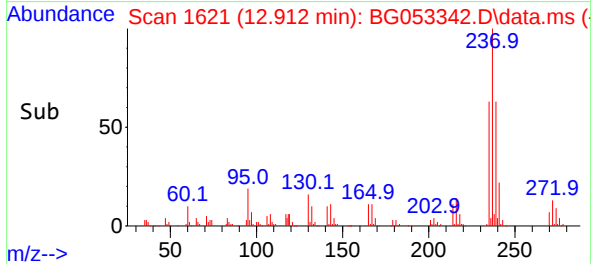
Instrument :
BNA_G
ClientSampleId :
PB144386BS



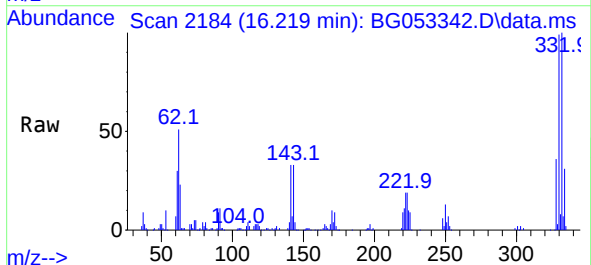
Tgt Ion: 237 Resp: 12440
Ion Ratio Lower Upper
237 100
235 63.4 37.7 77.7
272 13.1 0.0 30.7

Manual Integrations
APPROVED

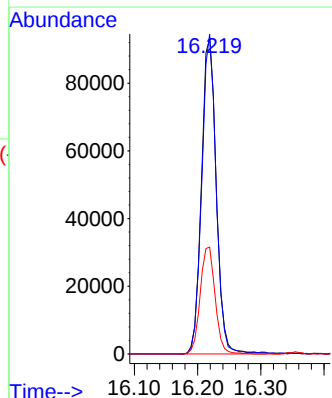
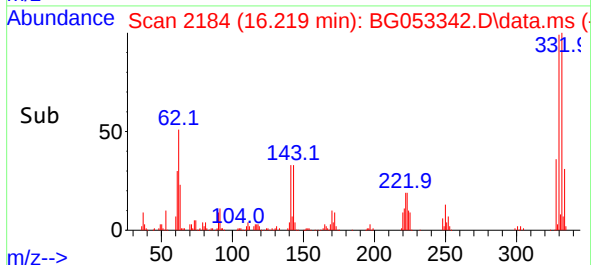
Reviewed By : Christian Giraldo 04/28/2022
Supervised By : Jagrut Upadhyay 04/28/2022

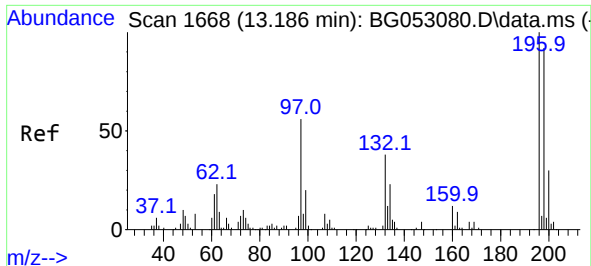


#42
2,4,6-Tribromophenol
Concen: 123.368 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion: 330 Resp: 152024
Ion Ratio Lower Upper
330 100
332 97.9 75.8 113.6
141 34.2 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 42.337 ng
RT: 13.170 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

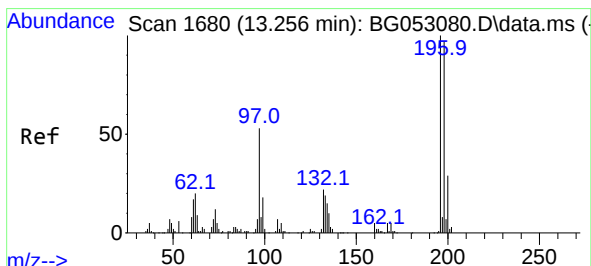
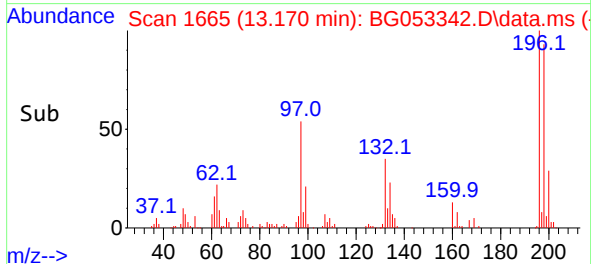
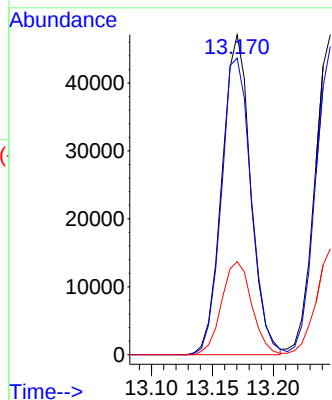
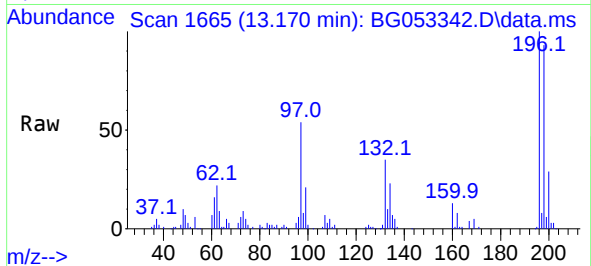
PB144386BS

Tgt Ion:196 Resp: 76789
Ion Ratio Lower Upper
196 100
198 92.7 78.8 118.2
200 29.1 25.1 37.7

Manual Integrations

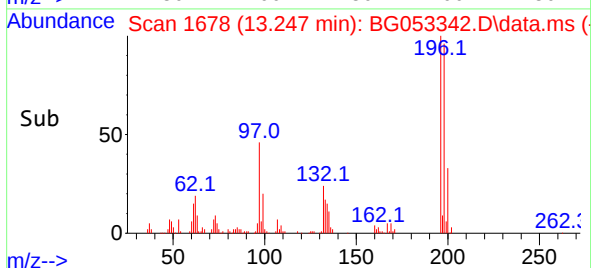
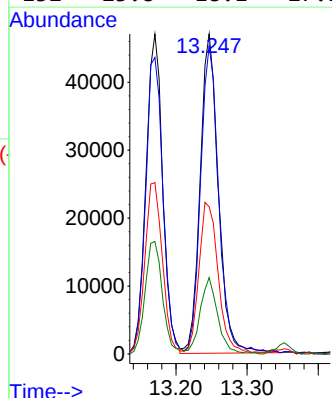
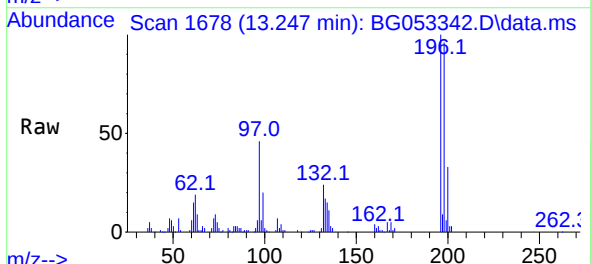
APPROVED

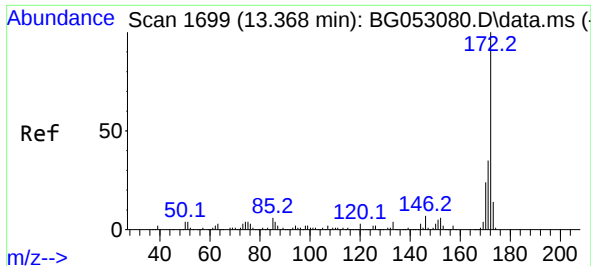
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#44
2,4,5-Trichlorophenol
Concen: 43.496 ng
RT: 13.247 min Scan# 1678
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:196 Resp: 84067
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
97 46.0 36.5 54.7
132 23.8 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 80.884 ng
RT: 13.352 min Scan# 1696
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

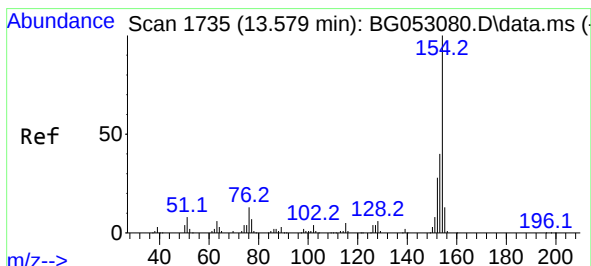
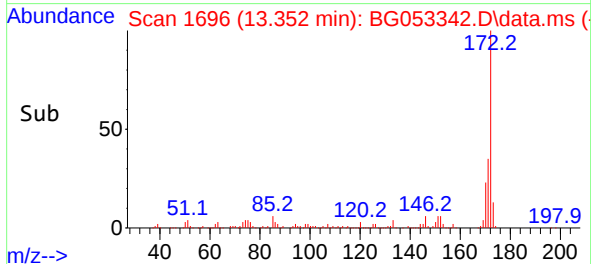
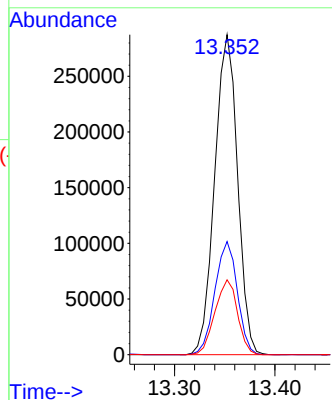
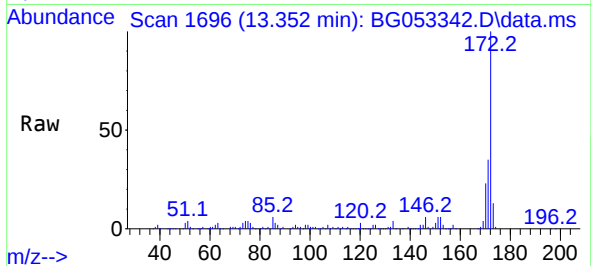
PB144386BS

Tgt Ion:172 Resp: 454338
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.0 27.0

Manual Integrations

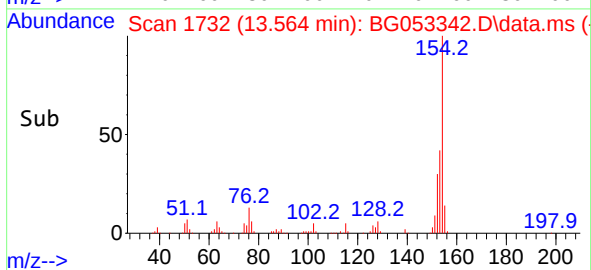
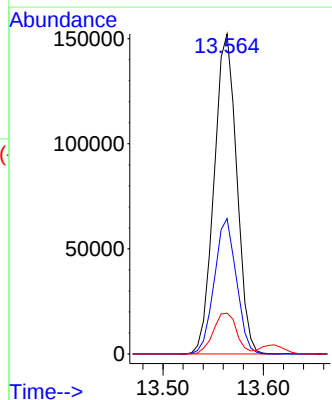
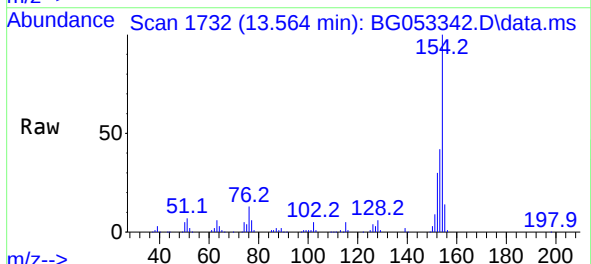
APPROVED

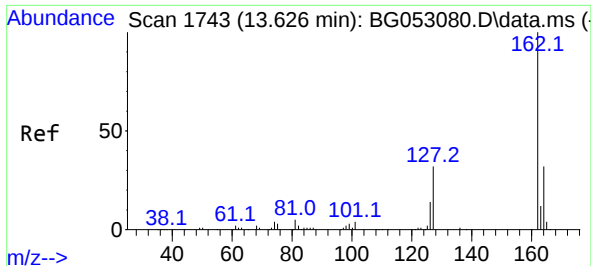
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#46
1,1'-Biphenyl
Concen: 42.756 ng
RT: 13.564 min Scan# 1732
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:154 Resp: 238485
Ion Ratio Lower Upper
154 100
153 42.3 21.6 61.6
76 12.8 0.0 31.5





#47
2-Chloronaphthalene
Concen: 42.297 ng
RT: 13.611 min Scan# 1743
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

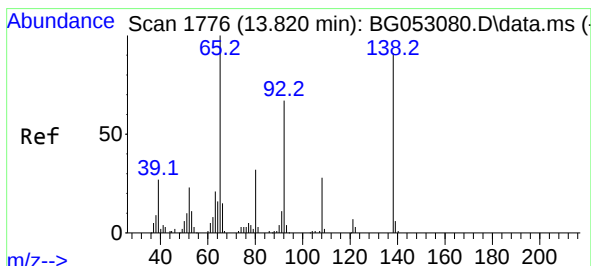
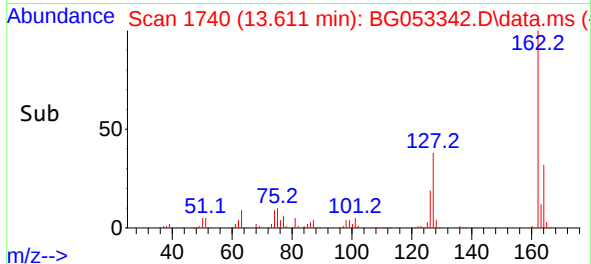
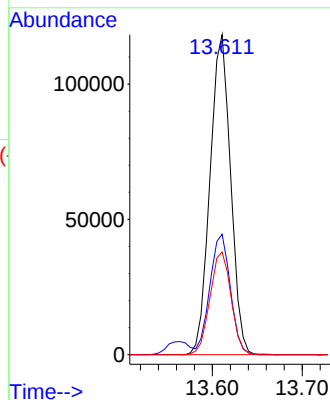
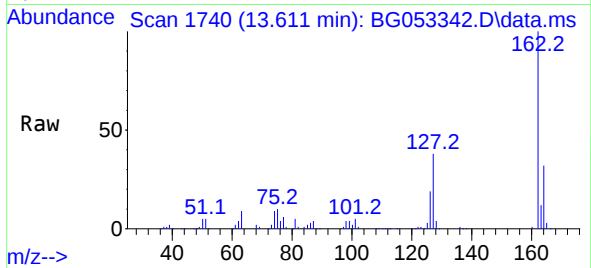
PB144386BS

Tgt Ion:162 Resp: 188225
Ion Ratio Lower Upper
162 100
127 37.6 28.1 42.1
164 32.0 26.0 39.0

Manual Integrations

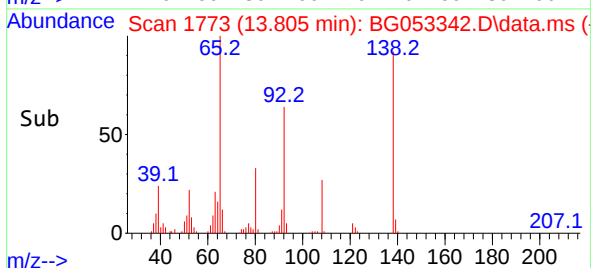
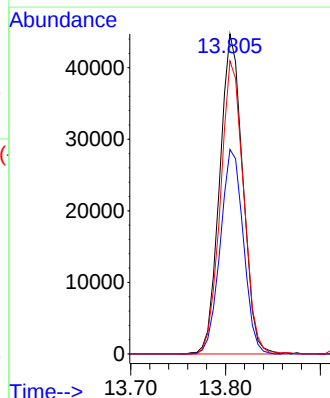
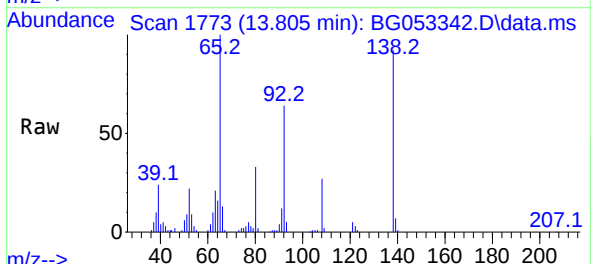
APPROVED

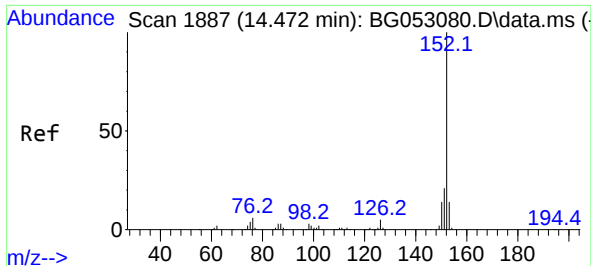
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#48
2-Nitroaniline
Concen: 44.755 ng
RT: 13.805 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion: 65 Resp: 75583
Ion Ratio Lower Upper
65 100
92 63.9 52.1 78.1
138 91.6 80.1 120.1





#49
Acenaphthylene
Concen: 47.231 ng
RT: 14.451 min Scan# 1883
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

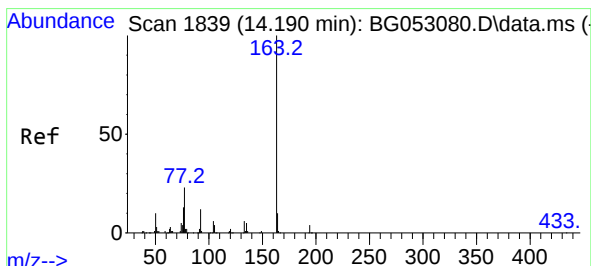
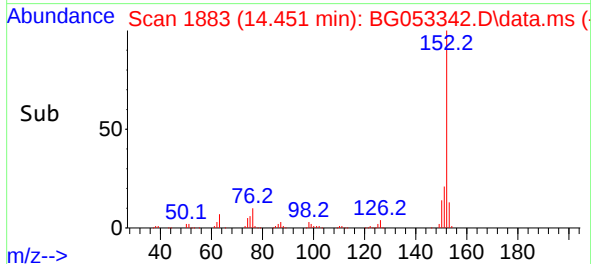
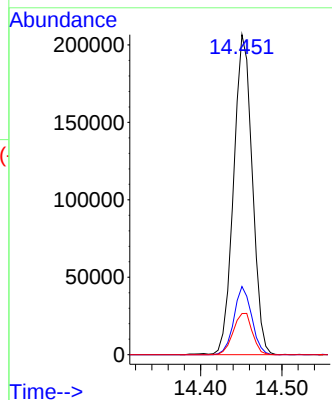
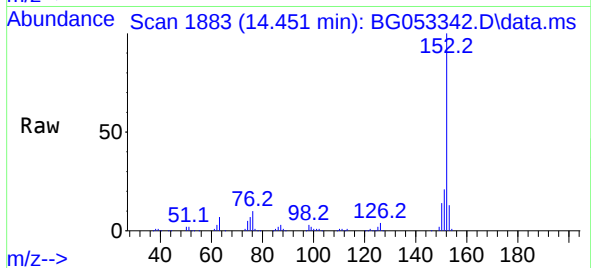
PB144386BS

Tgt Ion:152 Resp: 329019
Ion Ratio Lower Upper
152 100
151 21.3 15.8 23.6
153 12.8 10.6 15.8

Manual Integrations

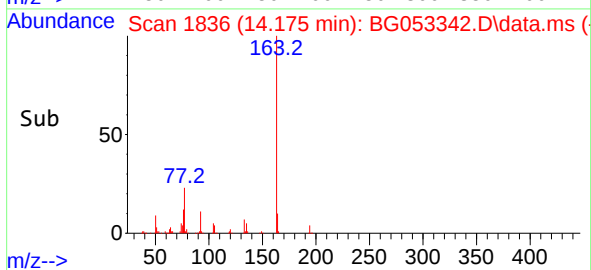
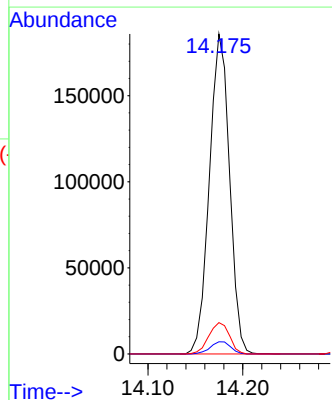
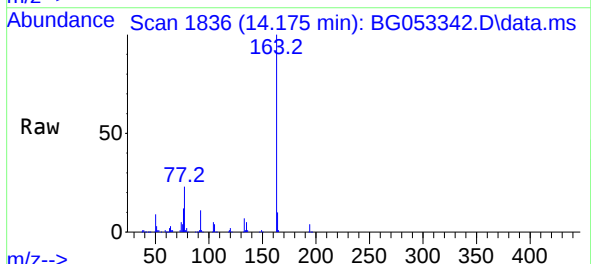
APPROVED

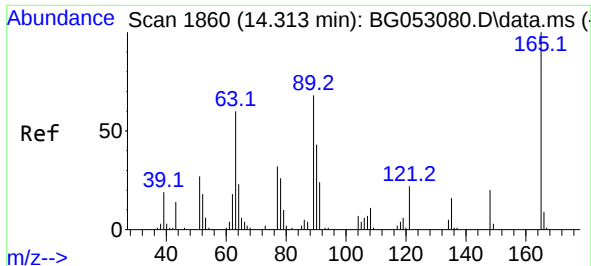
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#50
Dimethylphthalate
Concen: 44.263 ng
RT: 14.175 min Scan# 1836
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:163 Resp: 274216
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.354 ng
RT: 14.292 min Scan# 1860
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

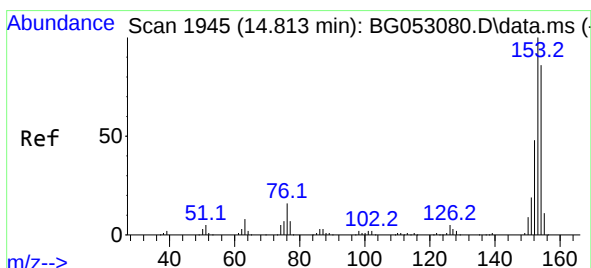
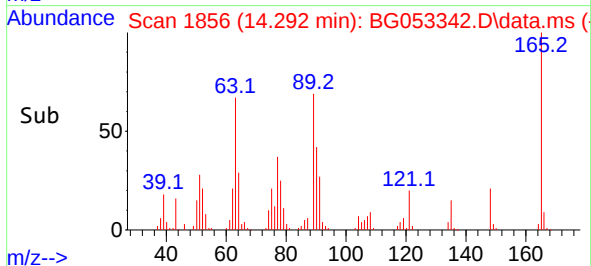
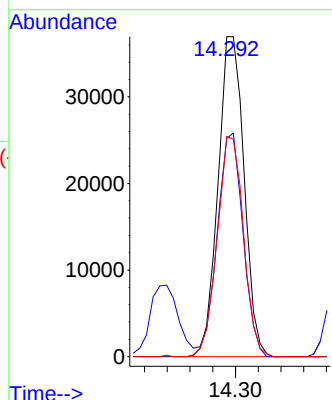
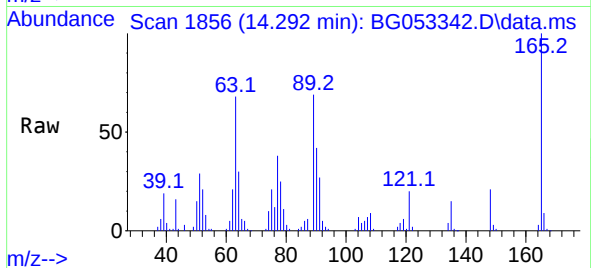
PB144386BS

Tgt Ion:165 Resp: 58610
Ion Ratio Lower Upper
165 100
63 68.2 43.7 65.5
89 68.8 45.0 67.4

Manual Integrations

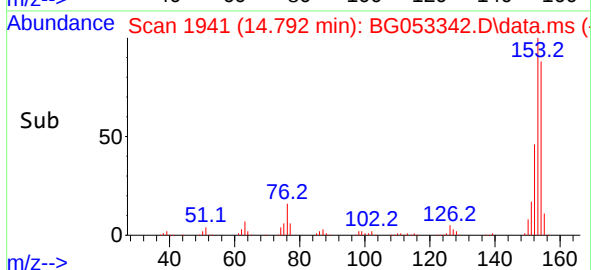
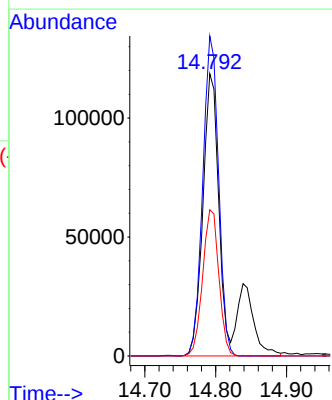
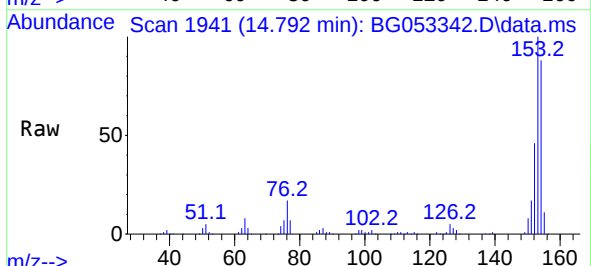
APPROVED

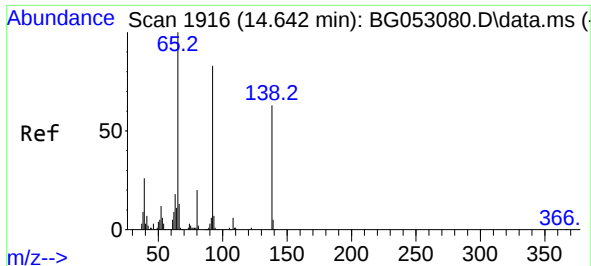
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#52
Acenaphthene
Concen: 49.271 ng m
RT: 14.792 min Scan# 1941
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

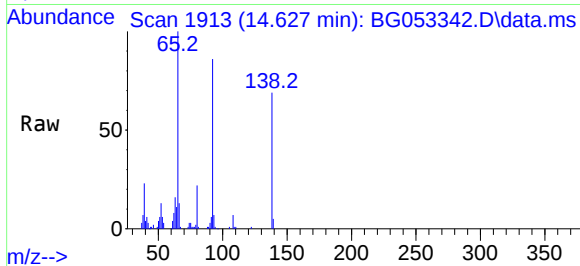
Tgt Ion:154 Resp: 232763
Ion Ratio Lower Upper
154 100
153 113.3 89.0 133.4
152 51.8 40.5 60.7





#53
3-Nitroaniline
Concen: 35.649 ng
RT: 14.627 min Scan# 1916
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

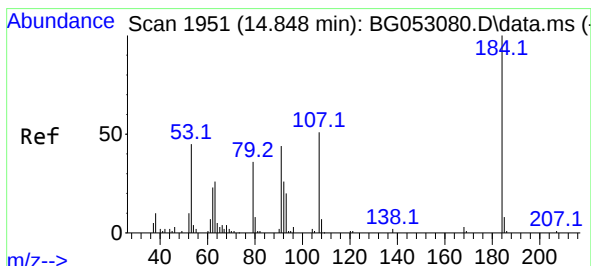
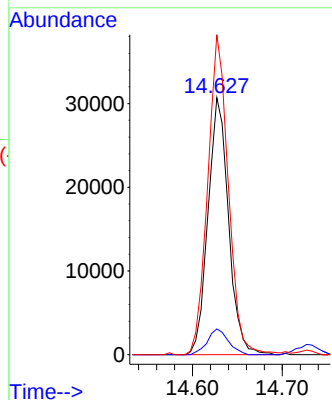
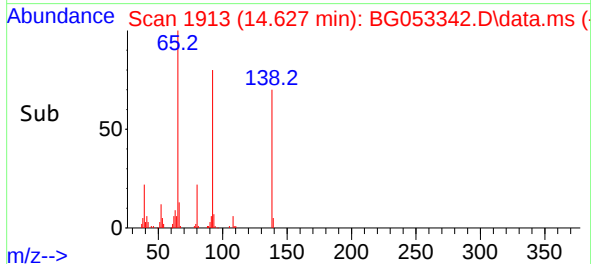
Instrument :
BNA_G
ClientSampleId :
PB144386BS



Tgt Ion:138 Resp: 48718
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 124.6 96.2 144.2

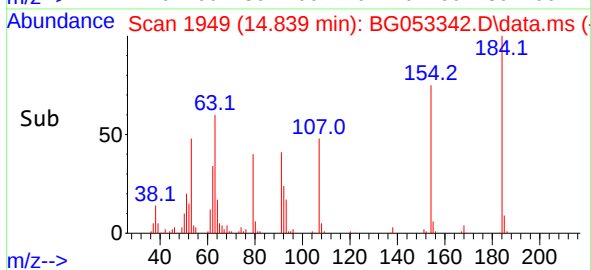
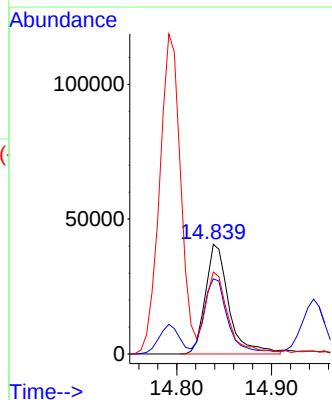
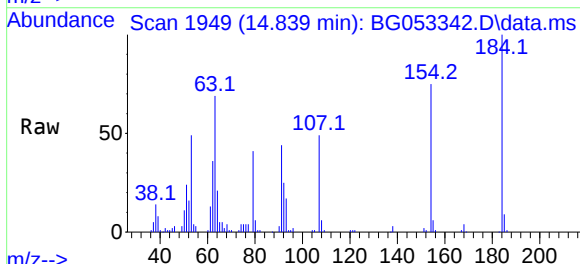
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#54
2,4-Dinitrophenol
Concen: 85.037 ng
RT: 14.839 min Scan# 1949
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:184 Resp: 69930
Ion Ratio Lower Upper
184 100
63 68.6 51.8 77.6
154 74.7 47.8 71.6#





#55
Dibenzenofuran
Concen: 42.550 ng
RT: 15.126 min Scan# 1998
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

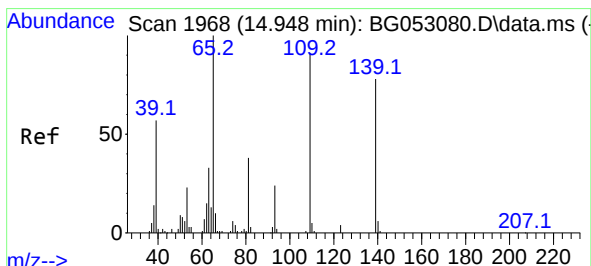
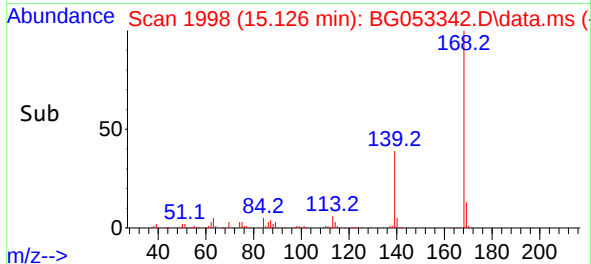
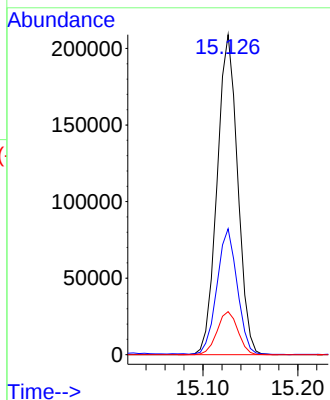
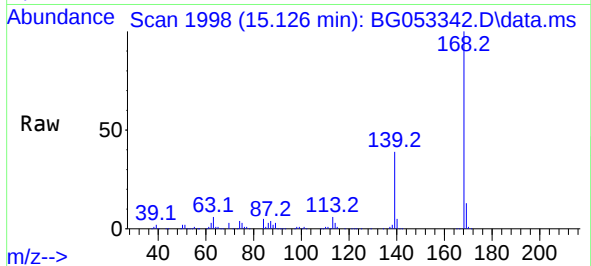
ClientSampleId :

PB144386BS

Tgt Ion:168 Resp: 31475
Ion Ratio Lower Upper
168 100
139 39.3 30.2 45.4
169 13.5 10.7 16.1

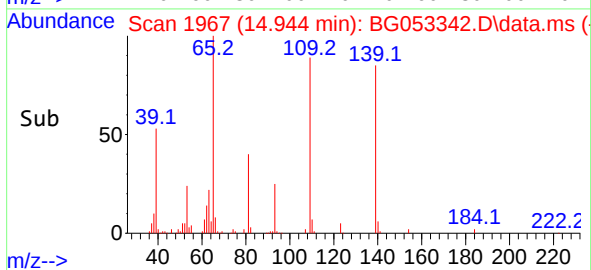
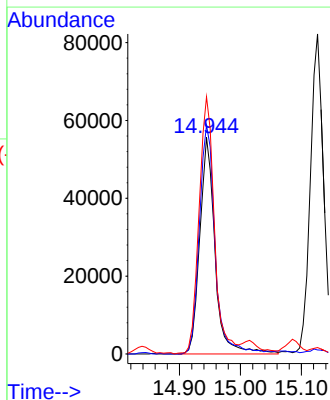
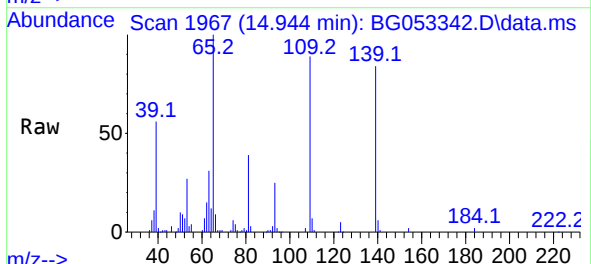
Manual Integrations
APPROVED

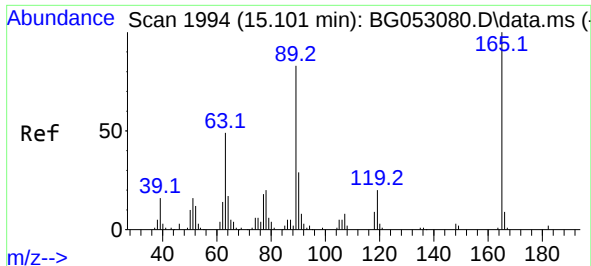
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#56
4-Nitrophenol
Concen: 92.643 ng
RT: 14.944 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:139 Resp: 96560
Ion Ratio Lower Upper
139 100
109 105.7 67.1 107.1
65 118.8 88.2 128.2





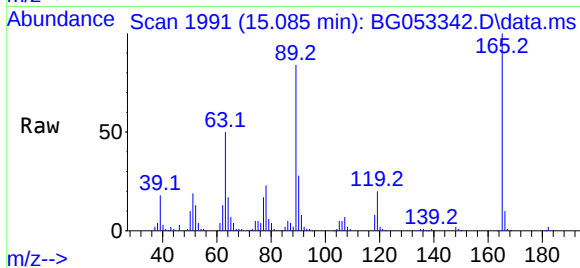
#57
2,4-Dinitrotoluene
Concen: 47.290 ng
RT: 15.085 min Scan# 1991
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

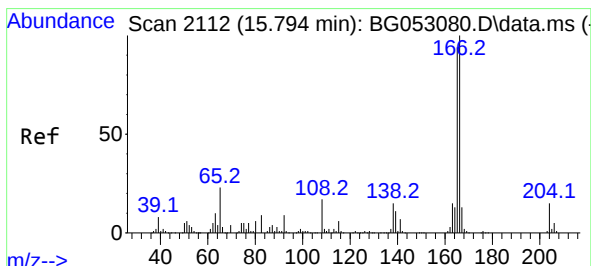
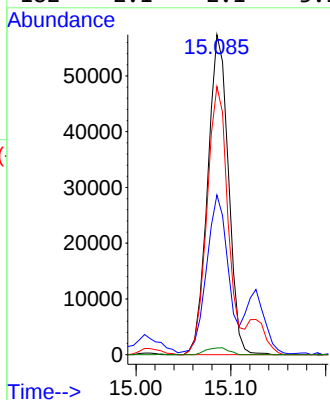
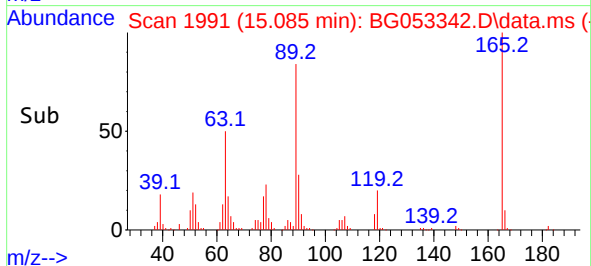


Tgt Ion:165 Resp: 87014
Ion Ratio Lower Upper
165 100
63 49.9 34.8 52.2
89 83.8 57.4 86.0
182 2.1 2.1 3.1

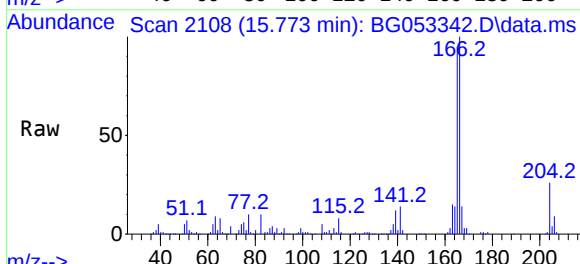
Manual Integrations

APPROVED

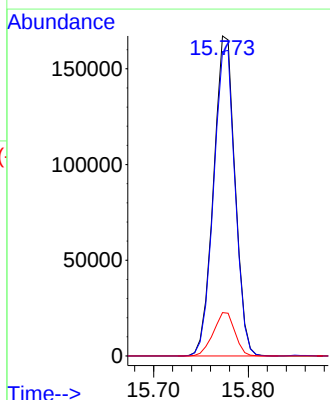
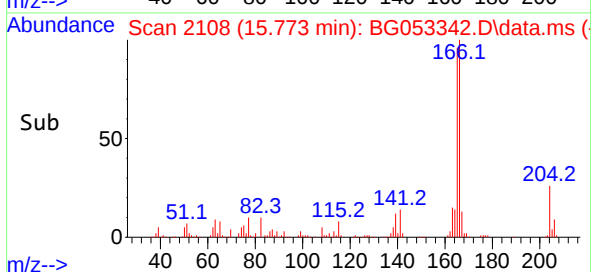
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

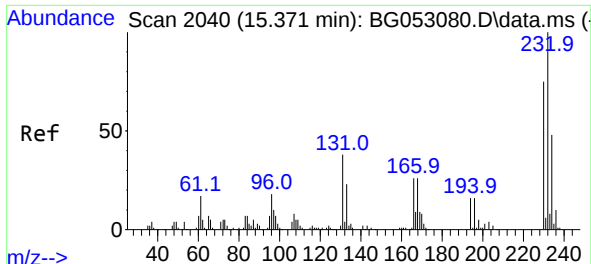


#58
Fluorene
Concen: 44.037 ng
RT: 15.773 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:166 Resp: 263099
Ion Ratio Lower Upper
166 100
165 95.1 78.6 117.8
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.491 ng
RT: 15.356 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

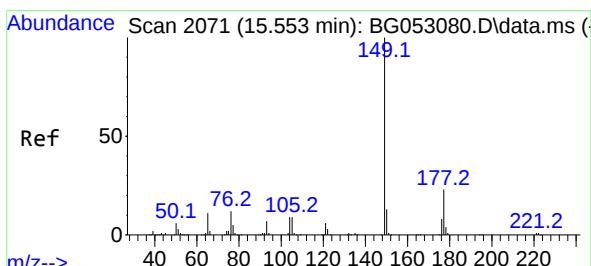
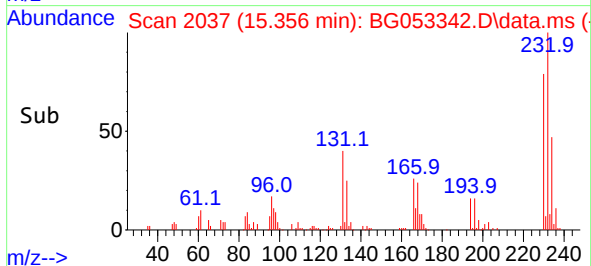
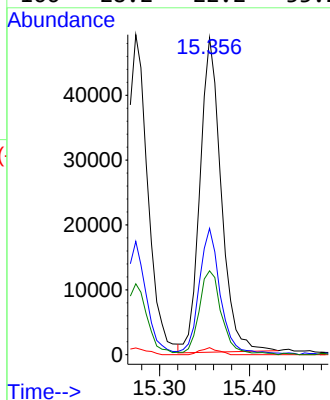
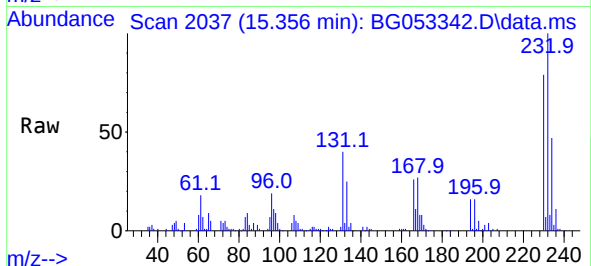
PB144386BS

Tgt Ion:232 Resp: 79754
Ion Ratio Lower Upper
232 100
131 40.7 30.1 45.1
130 1.9 1.8 2.8
166 28.2 22.2 33.2

Manual Integrations

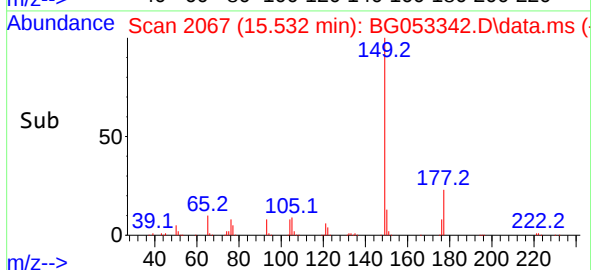
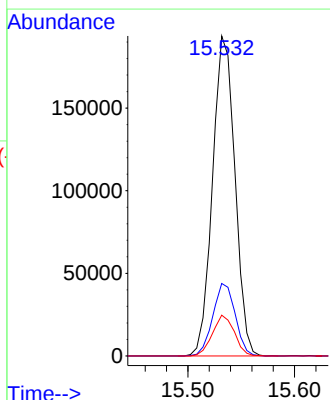
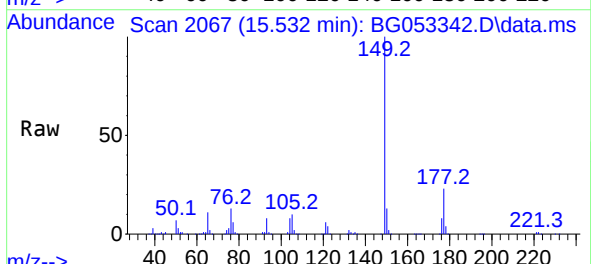
APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#60
Diethylphthalate
Concen: 43.463 ng
RT: 15.532 min Scan# 2067
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:149 Resp: 282118
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.406 ng
RT: 15.761 min Scan# 2106
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

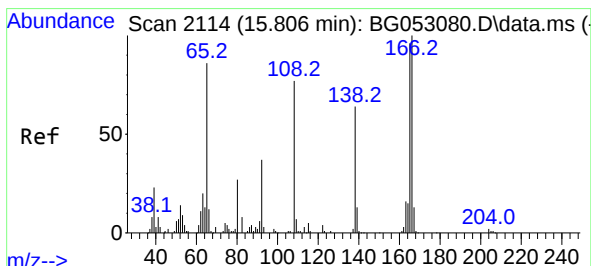
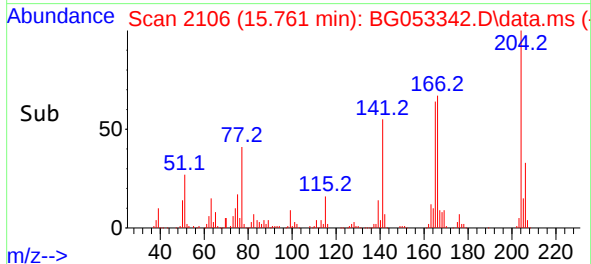
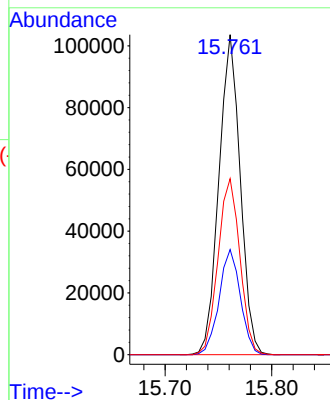
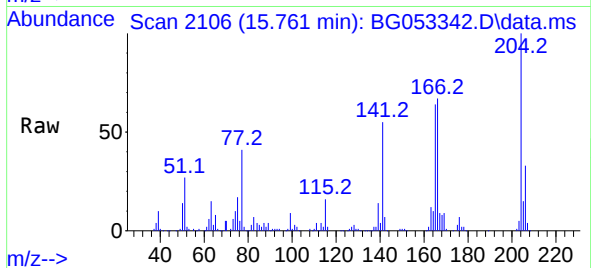
PB144386BS

Tgt Ion:204 Resp: 14362
Ion Ratio Lower Upper
204 100
206 32.9 28.3 42.5
141 55.0 45.8 68.8

Manual Integrations

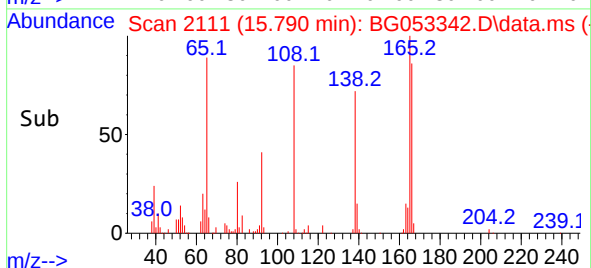
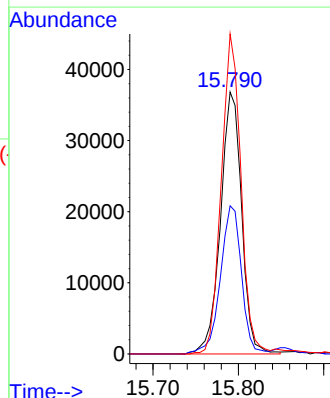
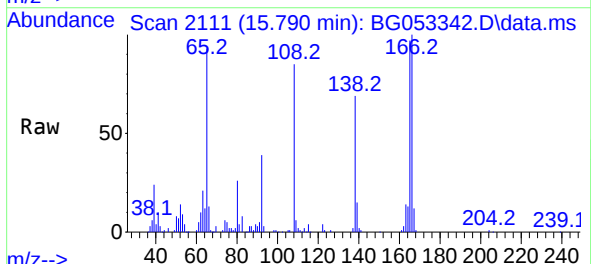
APPROVED

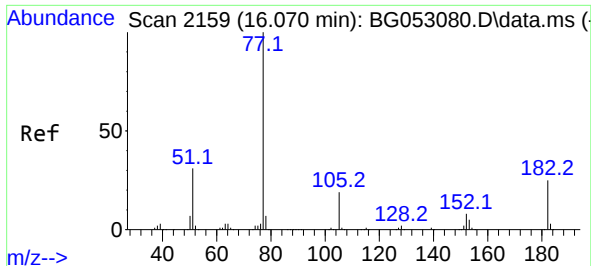
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#62
4-Nitroaniline
Concen: 43.989 ng
RT: 15.790 min Scan# 2111
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:138 Resp: 63435
Ion Ratio Lower Upper
138 100
92 56.6 33.3 73.3
108 122.2 74.2 114.2#





#63
Azobenzene
Concen: 43.439 ng
RT: 16.055 min Scan# 2156
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

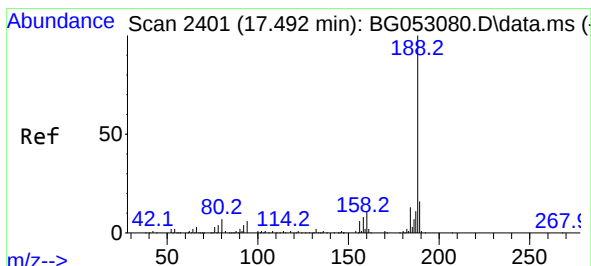
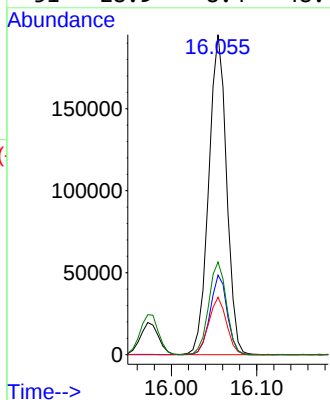
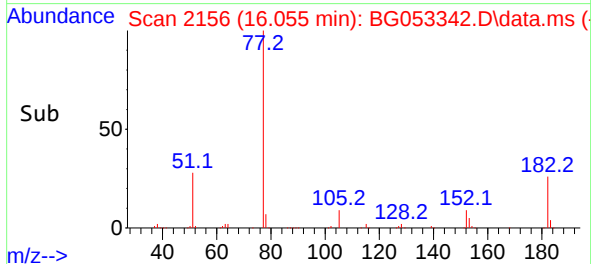
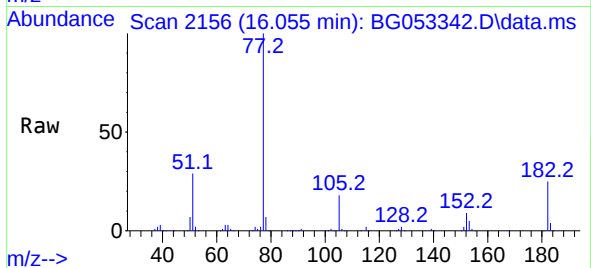
PB144386BS

Tgt Ion: 77 Resp: 28428
Ion Ratio Lower Upper
77 100
182 24.8 5.6 45.6
105 18.0 0.0 38.8
51 28.9 8.4 48.4

Manual Integrations

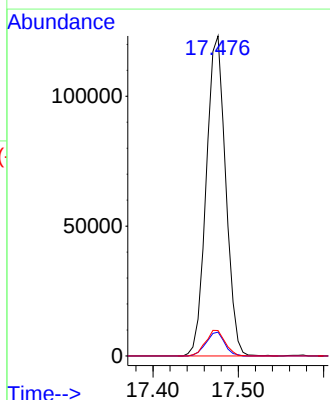
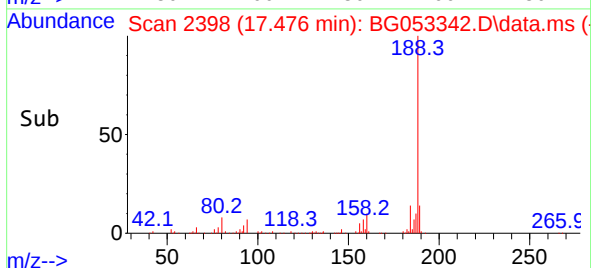
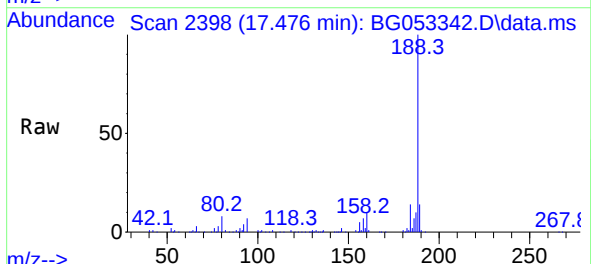
APPROVED

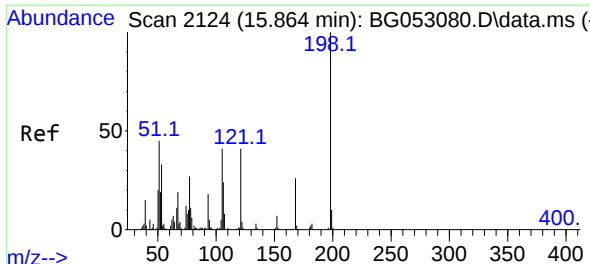
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.476 min Scan# 2398
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:188 Resp: 194816
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.0 7.2 10.8





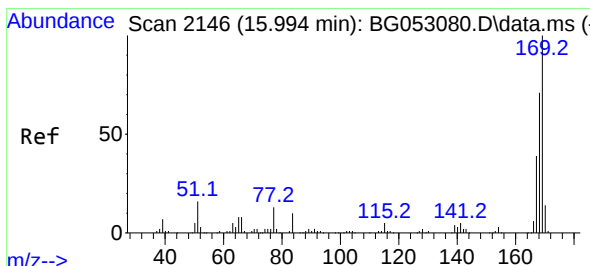
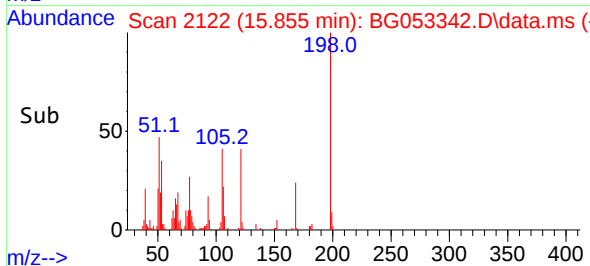
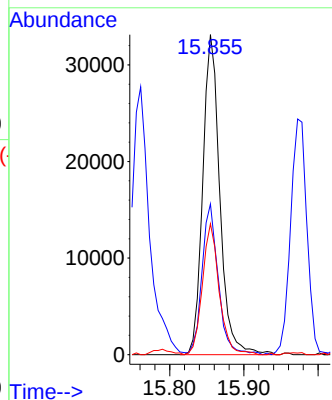
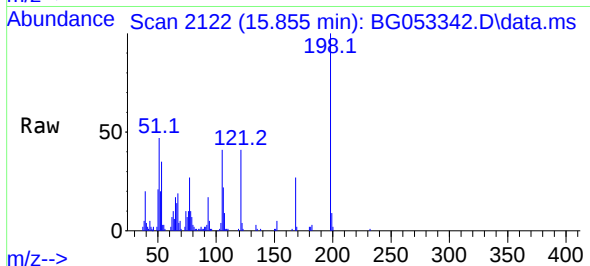
#65
4,6-Dinitro-2-methylphenol
Concen: 39.002 ng
RT: 15.855 min Scan# 2122
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :
BNA_G
ClientSampleId :
PB144386BS

Tgt Ion:198 Resp: 53010
Ion Ratio Lower Upper
198 100
51 47.1 21.7 61.7
105 40.9 20.8 60.8

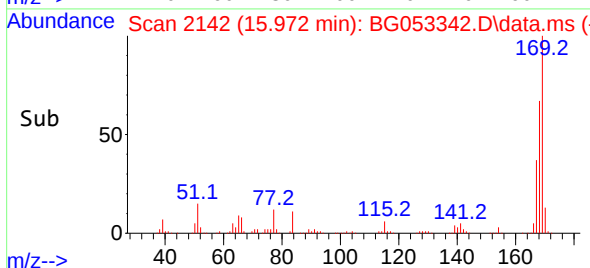
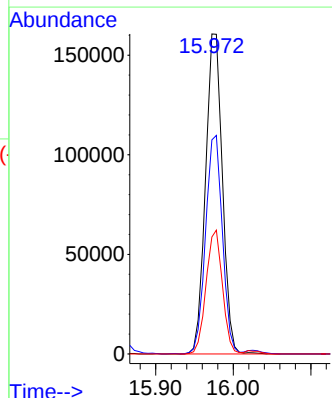
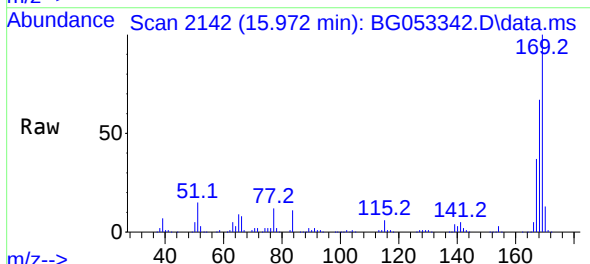
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#66
n-Nitrosodiphenylamine
Concen: 43.285 ng
RT: 15.972 min Scan# 2142
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:169 Resp: 242494
Ion Ratio Lower Upper
169 100
168 66.9 54.5 81.7
167 36.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.598 ng
RT: 16.654 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

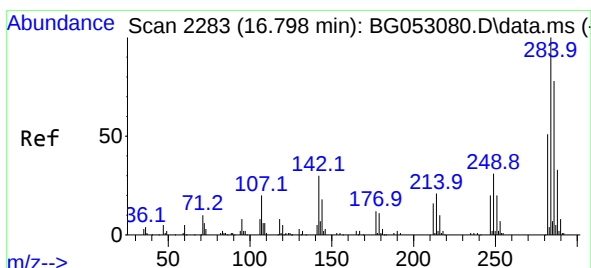
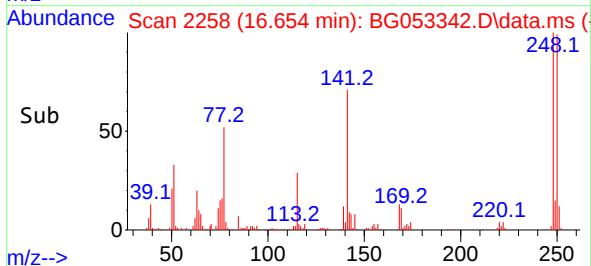
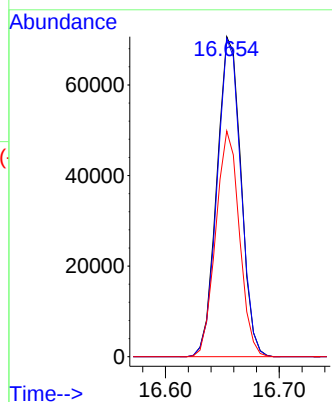
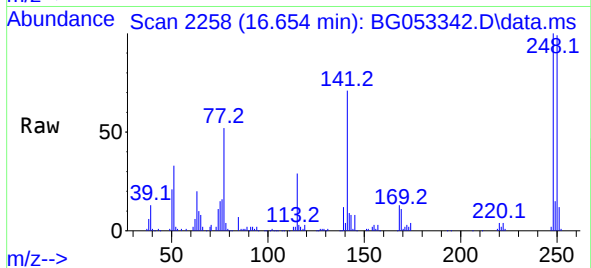
PB144386BS

Tgt Ion:248 Resp: 103840
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 70.6 49.2 73.8

Manual Integrations

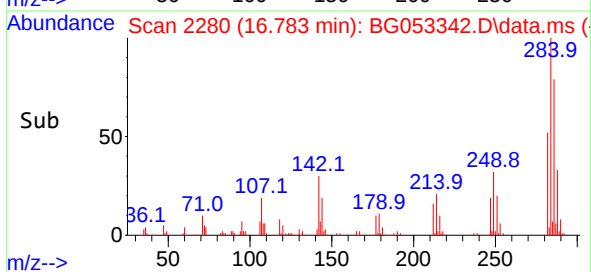
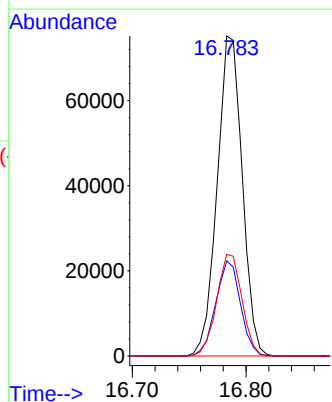
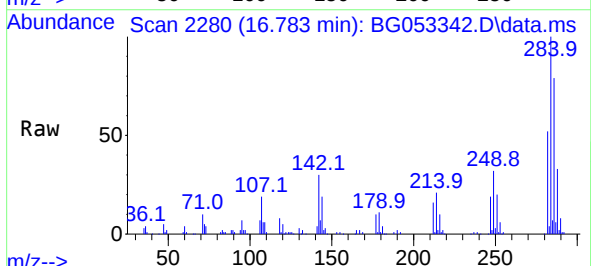
APPROVED

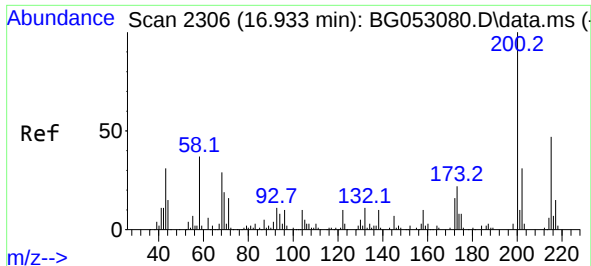
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#68
Hexachlorobenzene
Concen: 42.608 ng
RT: 16.783 min Scan# 2280
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:284 Resp: 115184
Ion Ratio Lower Upper
284 100
142 29.7 21.0 31.4
249 31.7 22.7 34.1





#69
 Atrazine
 Concen: 48.720 ng
 RT: 16.918 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053342.D
 Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

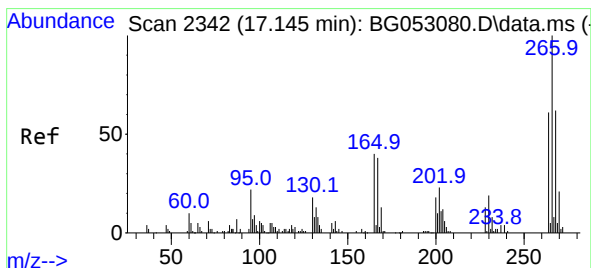
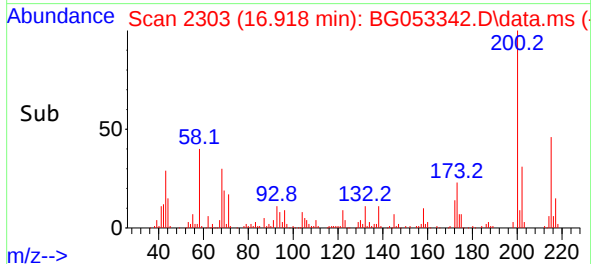
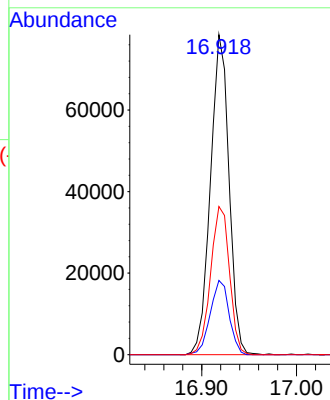
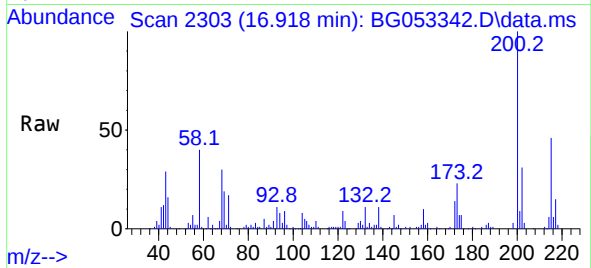
PB144386BS

Tgt Ion:200 Resp: 106610
 Ion Ratio Lower Upper
 200 100
 173 23.2 3.8 43.8
 215 46.3 26.3 66.3

Manual Integrations

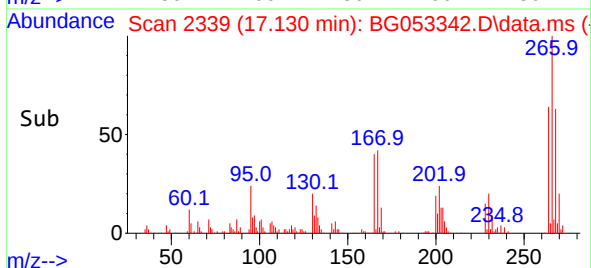
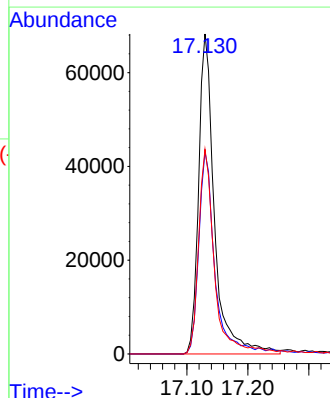
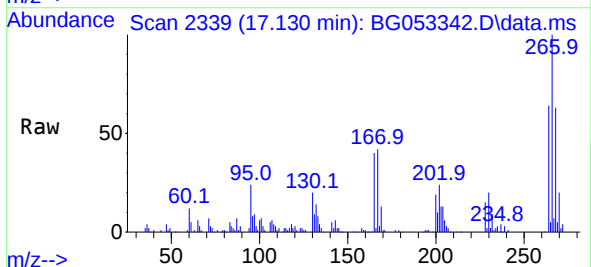
APPROVED

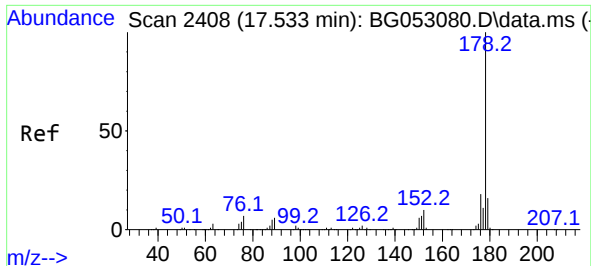
Reviewed By :Christian Giraldo 04/28/2022
 Supervised By :Jagrut Upadhyay 04/28/2022



#70
 Pentachlorophenol
 Concen: 83.696 ng
 RT: 17.130 min Scan# 2339
 Delta R.T. -0.007 min
 Lab File: BG053342.D
 Acq: 27 Apr 2022 11:35

Tgt Ion:266 Resp: 123656
 Ion Ratio Lower Upper
 266 100
 268 63.2 45.9 68.9
 264 64.0 45.3 67.9





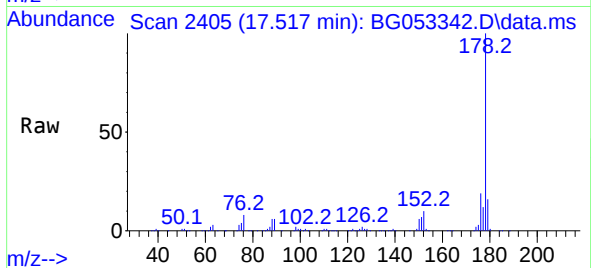
#71
Phenanthrene
Concen: 43.099 ng
RT: 17.517 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

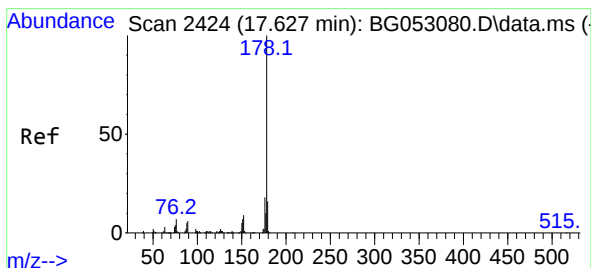
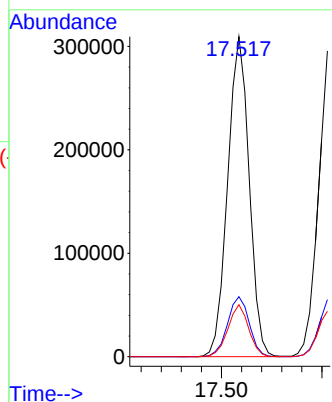
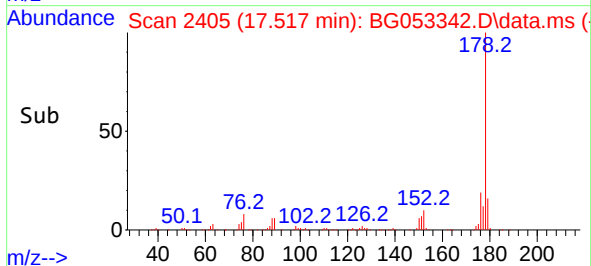


Tgt Ion:178 Resp: 45862
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 16.3 13.4 20.2

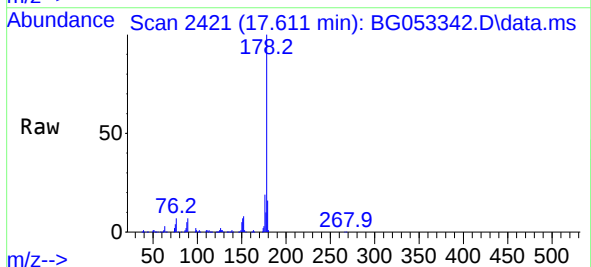
Manual Integrations

APPROVED

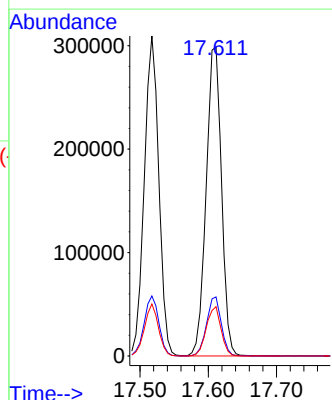
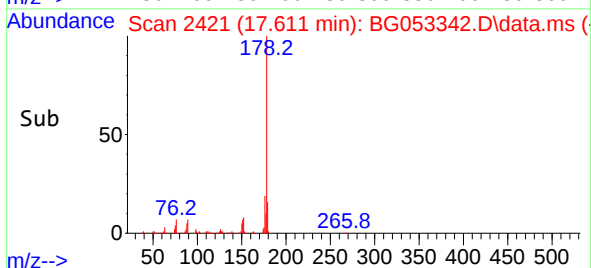
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

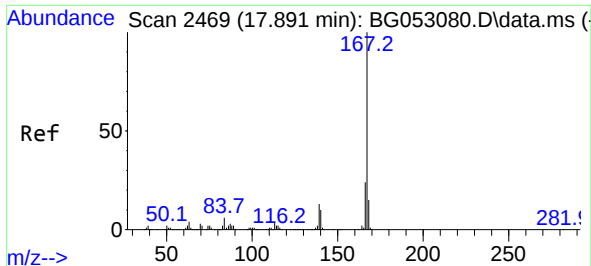


#72
Anthracene
Concen: 44.355 ng
RT: 17.611 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



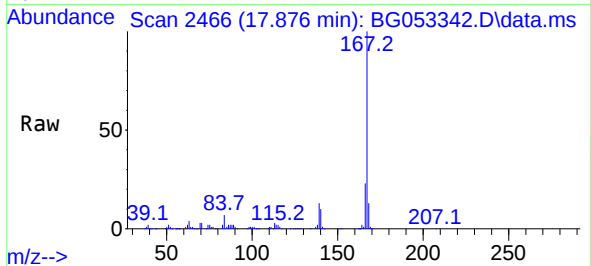
Tgt Ion:178 Resp: 467598
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 42.434 ng
RT: 17.876 min Scan# 2466
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

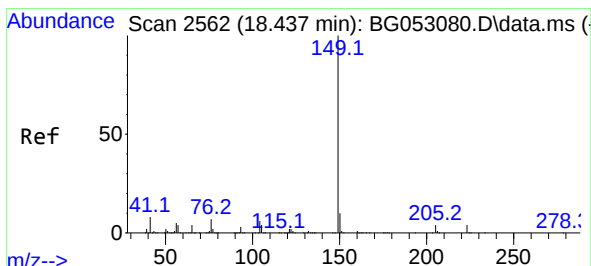
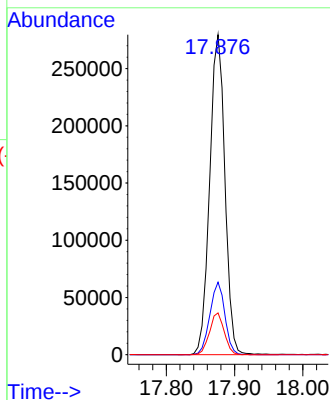
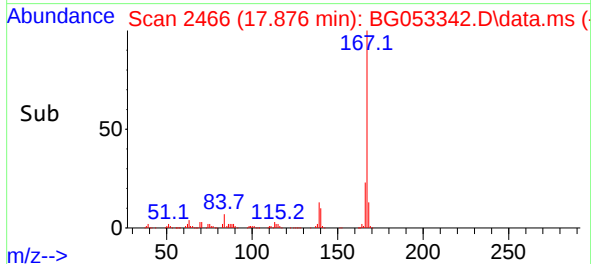
Instrument :
BNA_G
ClientSampleId :
PB144386BS



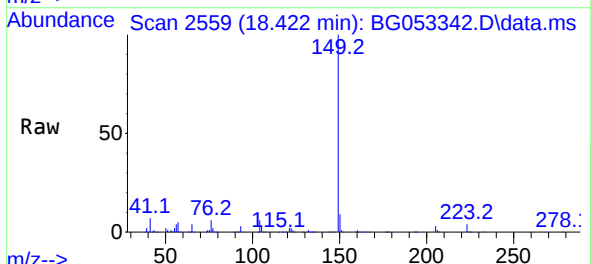
Tgt Ion:167 Resp: 434852
Ion Ratio Lower Upper
167 100
166 22.7 18.5 27.7
139 13.0 10.0 15.0

Manual Integrations
APPROVED

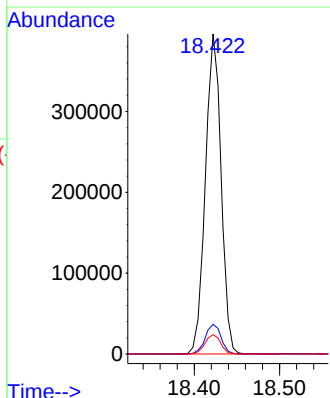
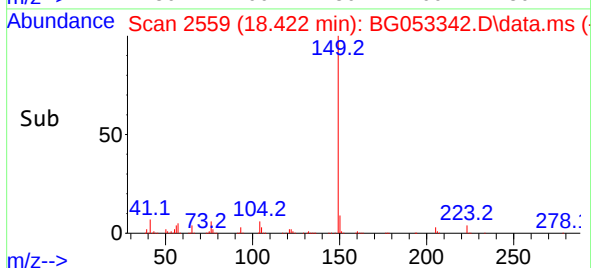
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

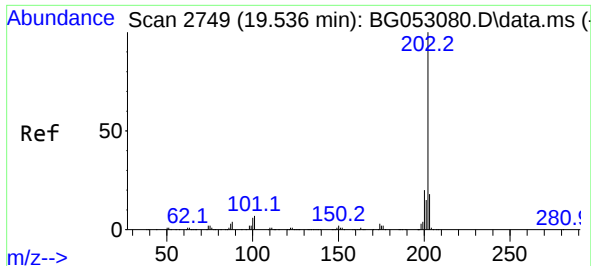


#74
Di-n-butylphthalate
Concen: 43.477 ng
RT: 18.422 min Scan# 2559
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:149 Resp: 505301
Ion Ratio Lower Upper
149 100
150 9.3 7.0 10.6
104 6.1 4.6 7.0





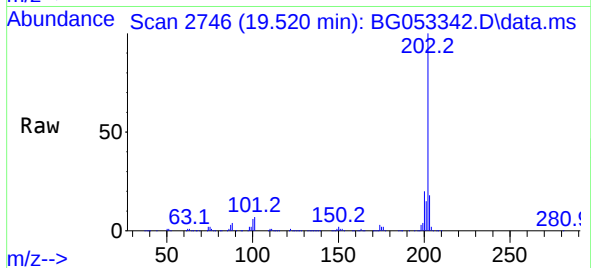
#75
Fluoranthene
Concen: 44.546 ng
RT: 19.520 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

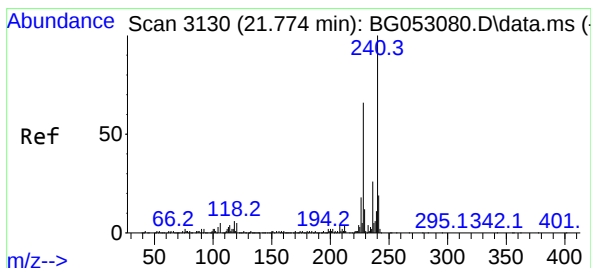
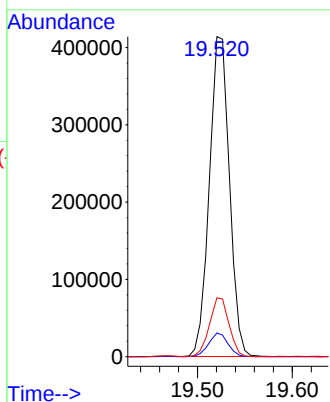
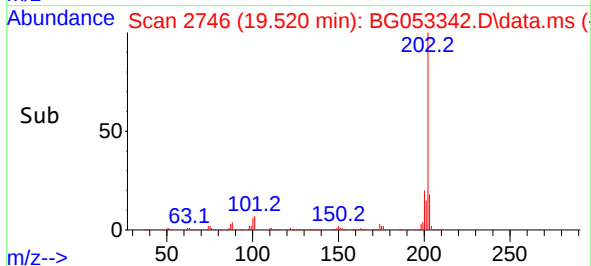


Tgt Ion:202 Resp: 60761
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.3
203 18.4 0.0 37.7

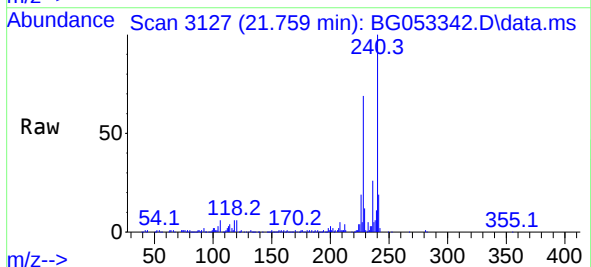
Manual Integrations

APPROVED

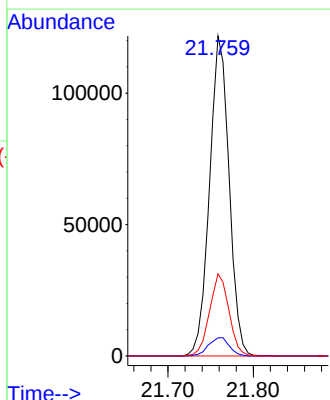
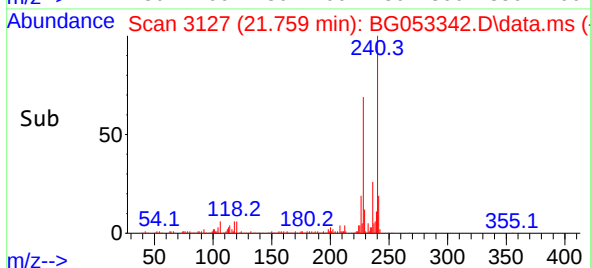
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:240 Resp: 193278
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 25.7 19.8 29.6





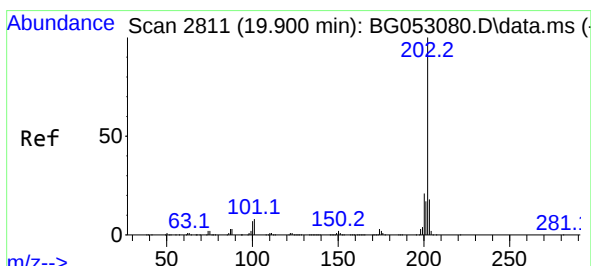
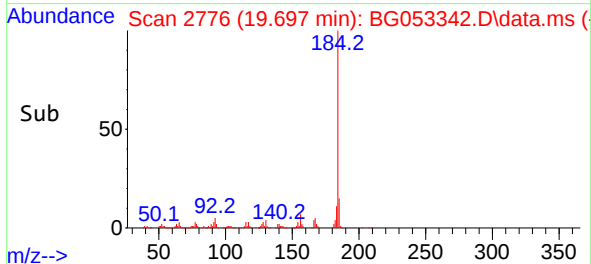
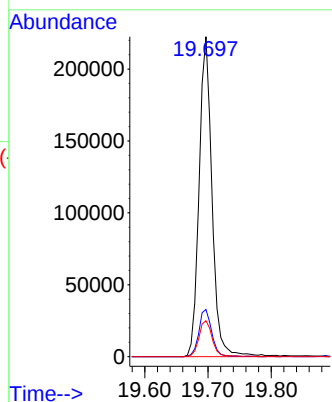
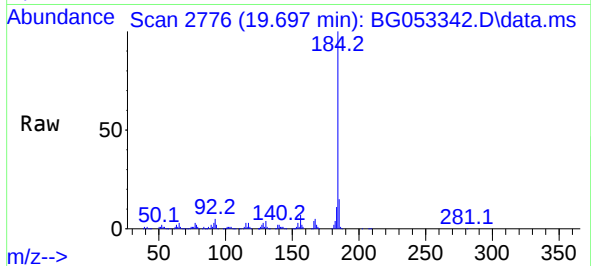
#77
Benzidine
Concen: 57.196 ng
RT: 19.697 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Instrument :
BNA_G
ClientSampleId :
PB144386BS

Tgt Ion:184 Resp: 315409
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.2 9.4 14.2

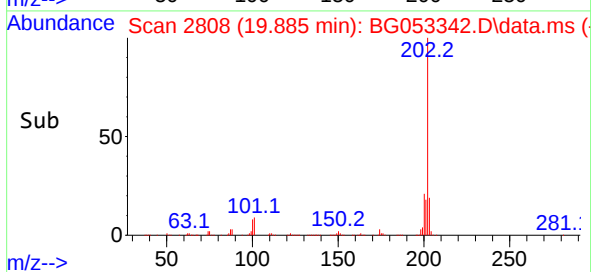
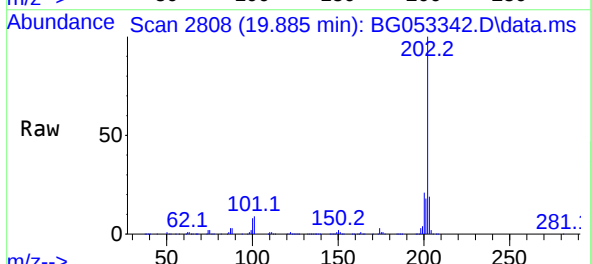
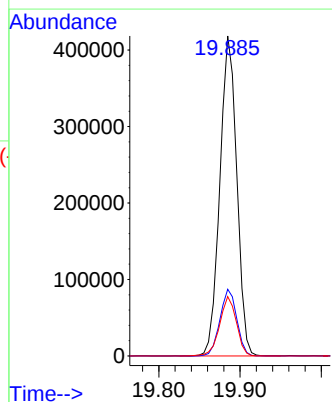
Manual Integrations
APPROVED

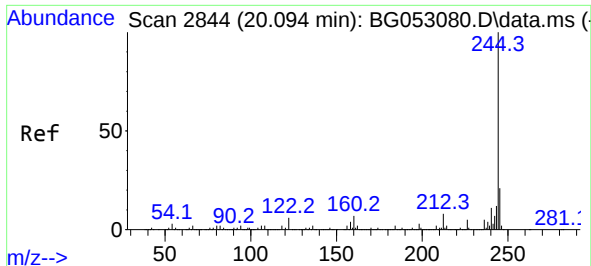
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#78
Pyrene
Concen: 44.077 ng
RT: 19.885 min Scan# 2808
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

Tgt Ion:202 Resp: 606729
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 18.5 15.0 22.6





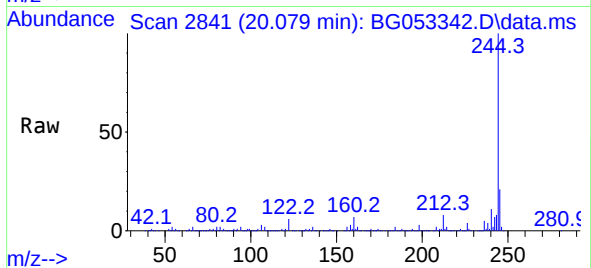
#79
 Terphenyl-d14
 Concen: 84.338 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053342.D
 Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144386BS

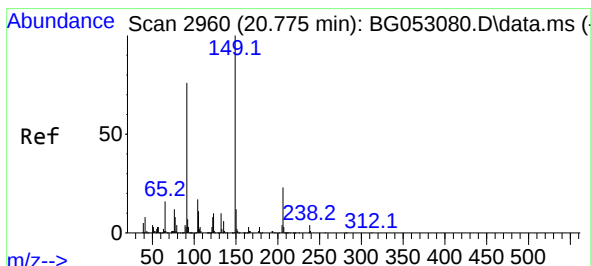
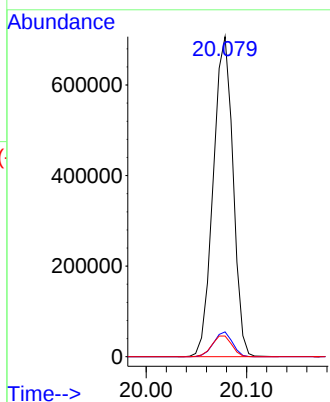
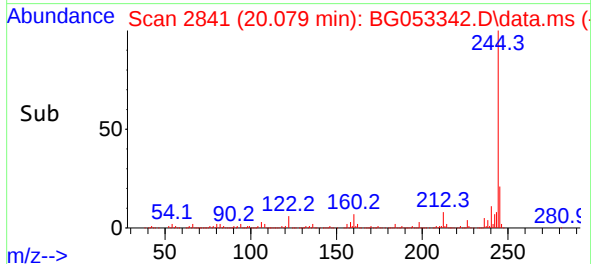


Tgt Ion:244 Resp: 96516
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.5 5.8 8.6

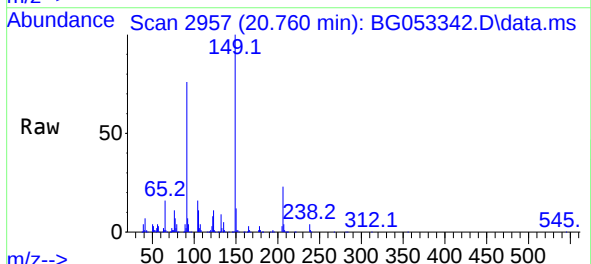
Manual Integrations

APPROVED

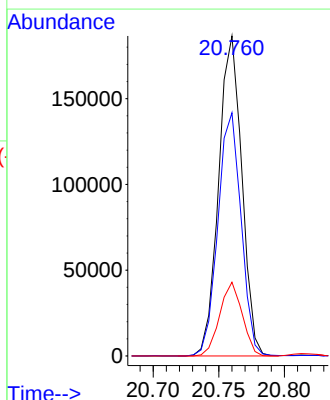
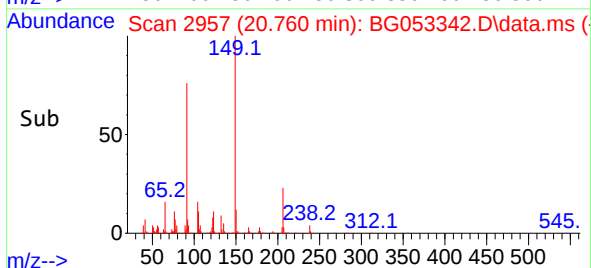
Reviewed By :Christian Giraldo 04/28/2022
 Supervised By :Jagrut Upadhyay 04/28/2022



#80
 Butylbenzylphthalate
 Concen: 44.551 ng
 RT: 20.760 min Scan# 2957
 Delta R.T. -0.007 min
 Lab File: BG053342.D
 Acq: 27 Apr 2022 11:35



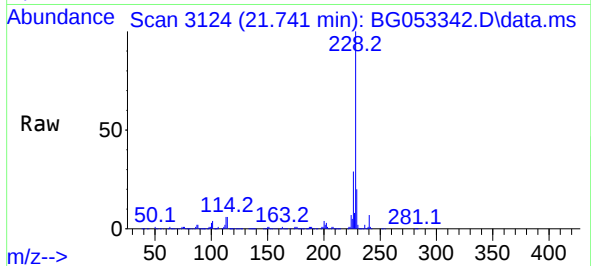
Tgt Ion:149 Resp: 228631
 Ion Ratio Lower Upper
 149 100
 91 76.0 60.2 90.4
 206 23.1 19.4 29.2





#81
Benzo(a)anthracene
Concen: 45.252 ng
RT: 21.741 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

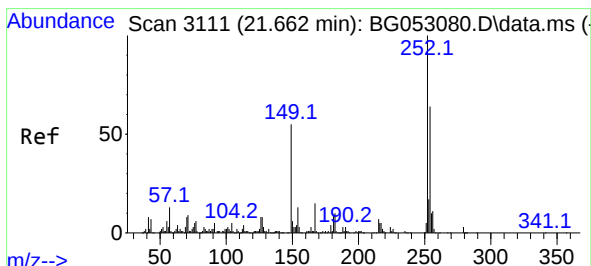
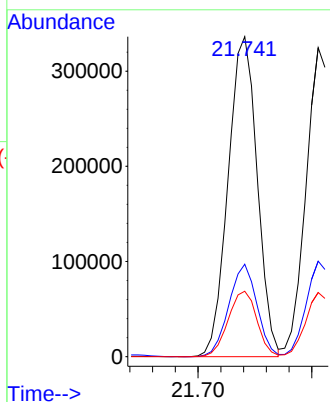
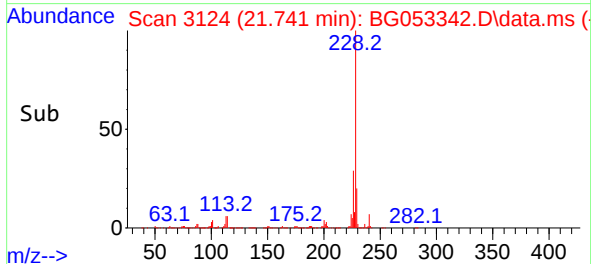
Instrument :
BNA_G
ClientSampleId :
PB144386BS



Tgt Ion:228 Resp: 598002
Ion Ratio Lower Upper
228 100
226 28.9 21.4 32.0
229 20.4 16.7 25.1

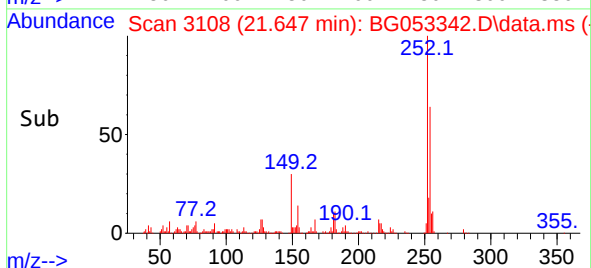
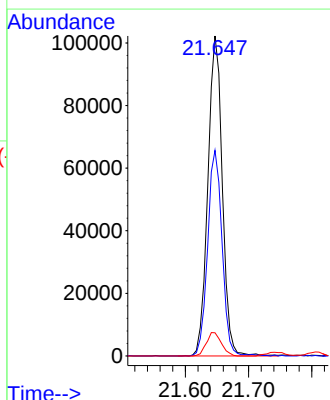
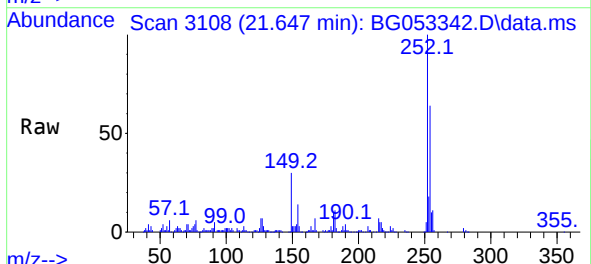
Manual Integrations
APPROVED

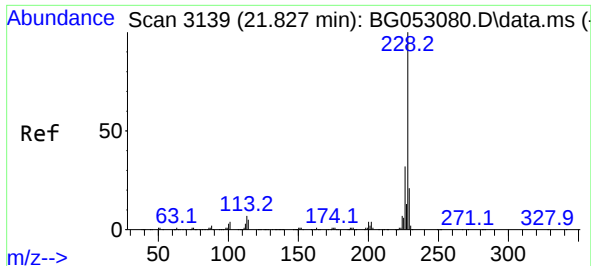
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#82
3,3'-Dichlorobenzidine
Concen: 33.402 ng
RT: 21.647 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

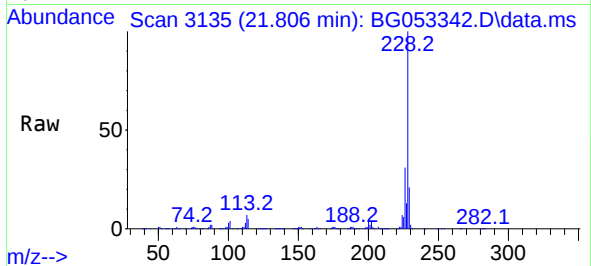
Tgt Ion:252 Resp: 162333
Ion Ratio Lower Upper
252 100
254 64.2 51.2 76.8
126 7.3 5.8 8.8





#83
Chrysene
Concen: 44.580 ng
RT: 21.806 min Scan# 3135
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

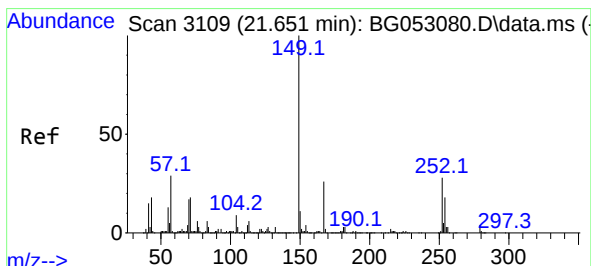
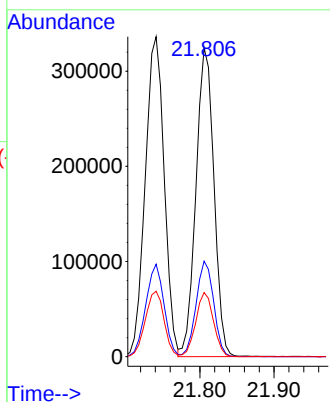
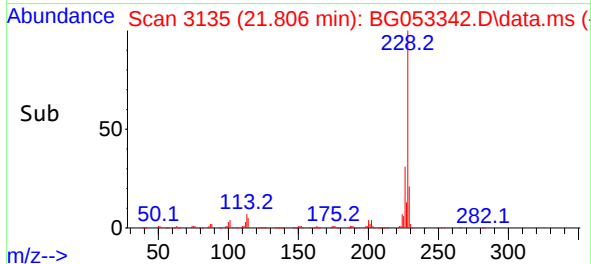
Instrument :
BNA_G
ClientSampleId :
PB144386BS



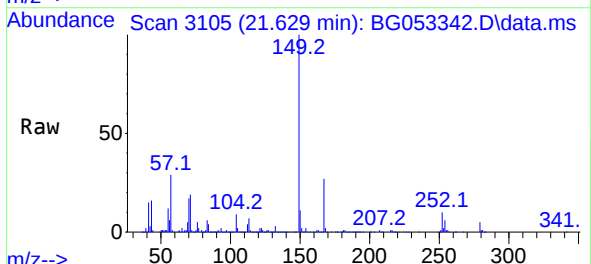
Tgt Ion:228 Resp: 54675
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 20.7 16.3 24.5

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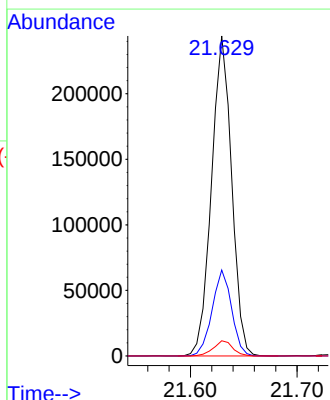
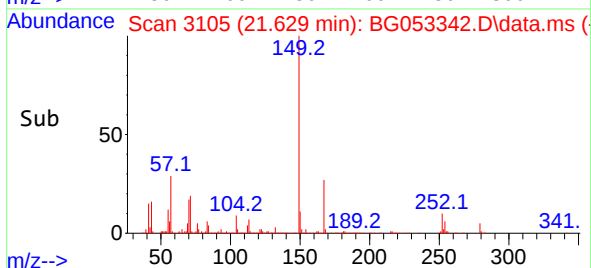
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

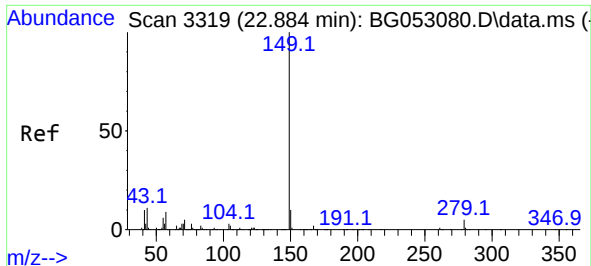


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.067 ng
RT: 21.629 min Scan# 3105
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



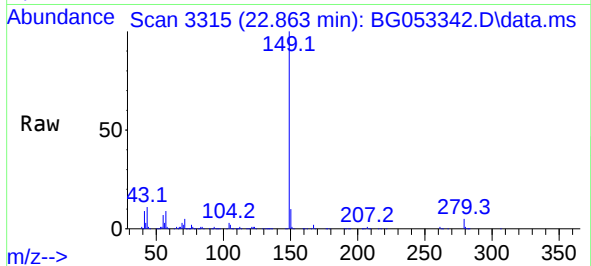
Tgt Ion:149 Resp: 319557
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 4.7 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 46.685 ng
RT: 22.863 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

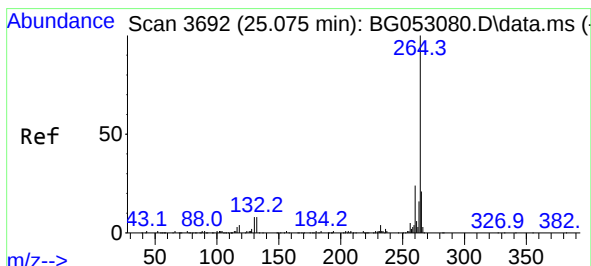
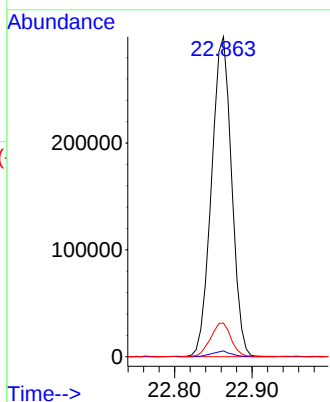
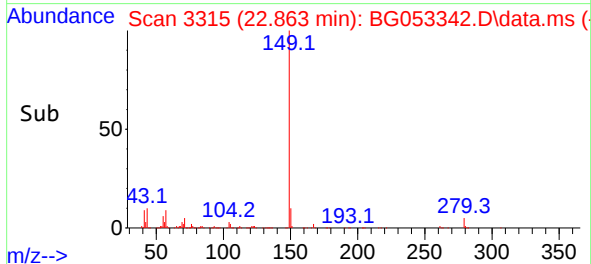
Instrument :
BNA_G
ClientSampleId :
PB144386BS



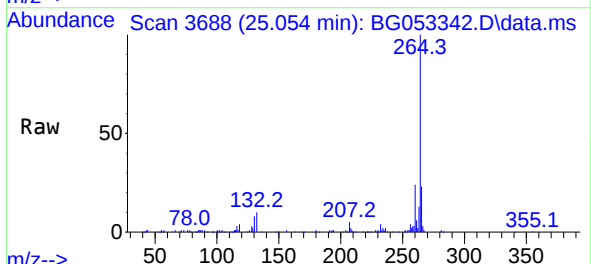
Tgt Ion:149 Resp: 541619
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 7.6 11.4

Manual Integrations
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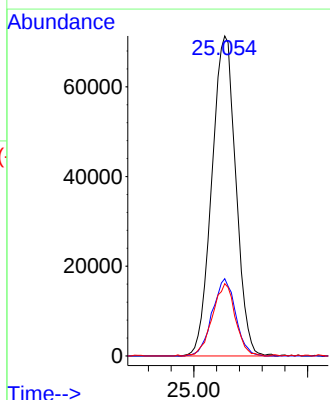
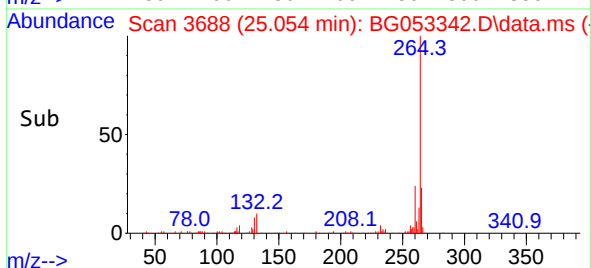
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

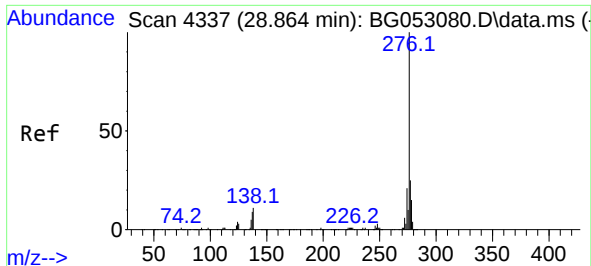


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 3688
Delta R.T. -0.007 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



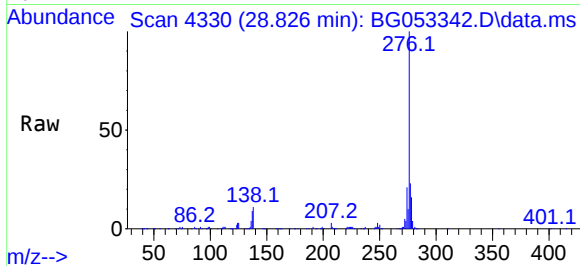
Tgt Ion:264 Resp: 208583
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.2
265 22.6 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.516 ng
RT: 28.826 min Scan# 41
Delta R.T. -0.025 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35

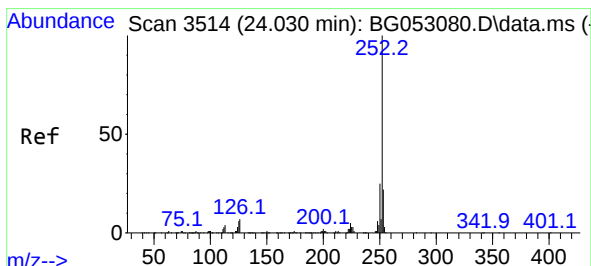
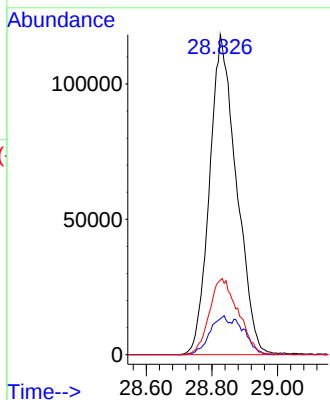
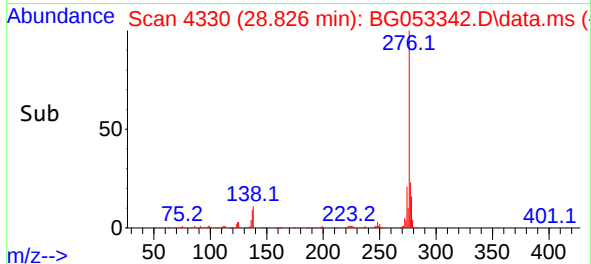
Instrument :
BNA_G
ClientSampleId :
PB144386BS



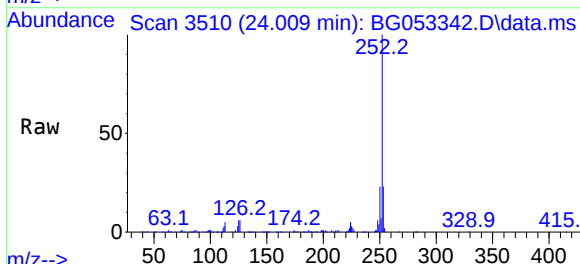
Tgt Ion:276 Resp: 674349
Ion Ratio Lower Upper
276 100
138 9.2 8.7 13.1
277 25.5 20.2 30.4

Manual Integrations
APPROVED

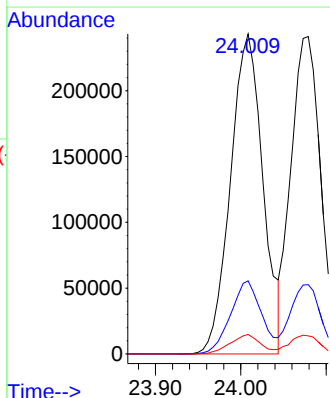
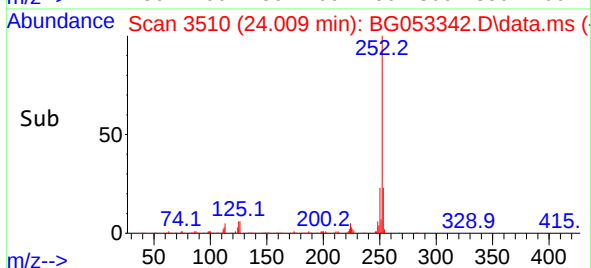
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

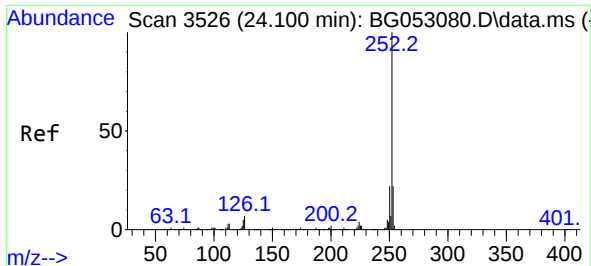


#88
Benzo(b)fluoranthene
Concen: 48.839 ng
RT: 24.009 min Scan# 3510
Delta R.T. -0.013 min
Lab File: BG053342.D
Acq: 27 Apr 2022 11:35



Tgt Ion:252 Resp: 642734
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 6.1 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 45.054 ng

RT: 24.079 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

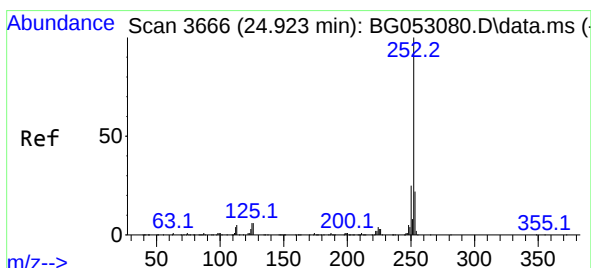
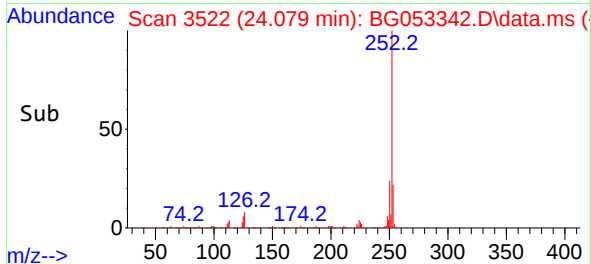
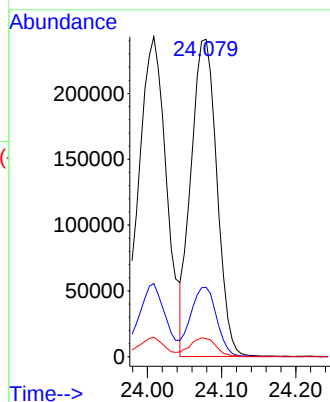
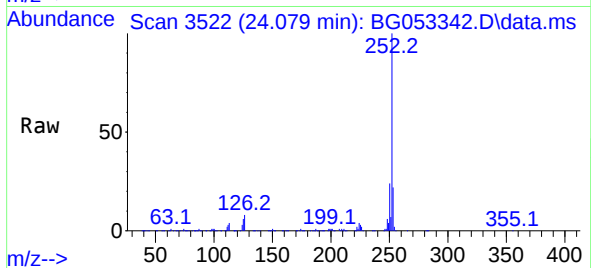
PB144386BS

Tgt Ion:252 Resp: 582730
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 5.7 5.0 7.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2022
 Supervised By :Jagrut Upadhyay 04/28/2022



#90

Benzo(a)pyrene

Concen: 53.858 ng

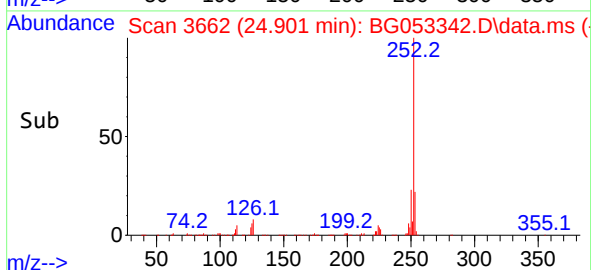
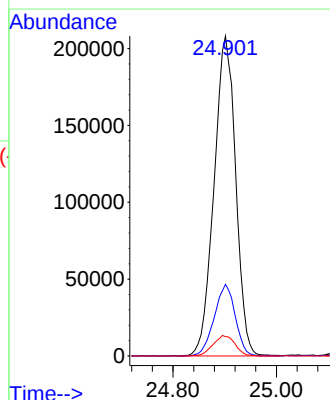
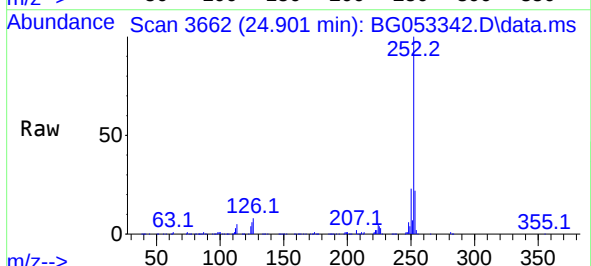
RT: 24.901 min Scan# 3662

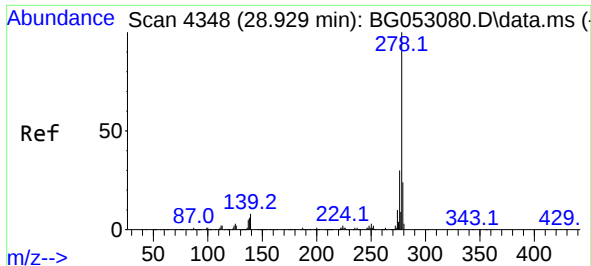
Delta R.T. -0.013 min

Lab File: BG053342.D

Acq: 27 Apr 2022 11:35

Tgt Ion:252 Resp: 603823
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.4 27.6
 125 6.1 5.6 8.4





#91
 Dibenzo(a,h)anthracene
 Concen: 45.405 ng
 RT: 28.890 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: BG053342.D
 Acq: 27 Apr 2022 11:35

Instrument :

BNA_G

ClientSampleId :

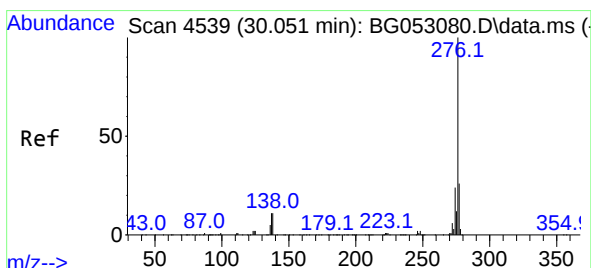
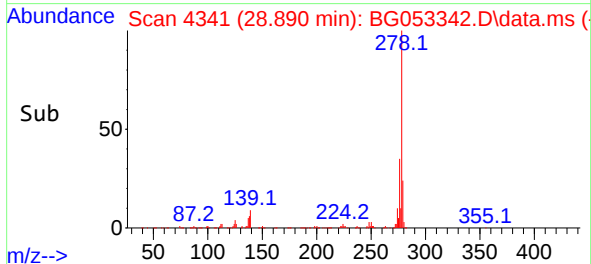
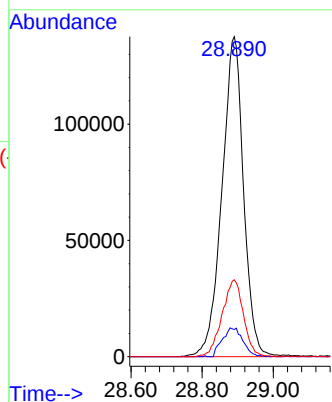
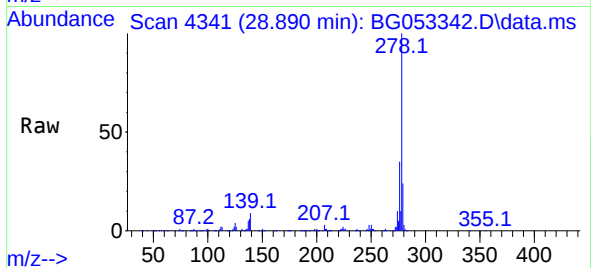
PB144386BS

Tgt Ion:278 Resp: 57912
 Ion Ratio Lower Upper
 278 100
 139 8.5 7.8 11.6
 279 24.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2022
 Supervised By :Jagrut Upadhyay 04/28/2022



#92
 Benzo(g,h,i)perylene
 Concen: 45.999 ng
 RT: 30.018 min Scan# 4533
 Delta R.T. -0.019 min
 Lab File: BG053342.D
 Acq: 27 Apr 2022 11:35

Tgt Ion:276 Resp: 578270
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.2 27.2
 138 12.1 9.1 13.7

