

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
 Data File : BG053307.D
 Acq On : 25 Apr 2022 13:42
 Operator : CG/JU
 Sample : PB144314BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144314BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2022
 Supervised By : Jagrut Upadhyay 04/26/2022

Quant Time: Apr 25 18:25:55 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	8.110	152	25473	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	110832	20.000	ng	# 0.00
39) Acenaphthene-d10	14.730	164	90064	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	219244	20.000	ng	0.00
76) Chrysene-d12	21.762	240	202589	20.000	ng	0.00
86) Perylene-d12	25.058	264	197064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	199655	134.356	ng	0.00
7) Phenol-d6	7.270	99	294955	128.712	ng	0.00
23) Nitrobenzene-d5	9.267	82	204485	74.913	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	166245	116.021	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	476596	72.968	ng	0.00
79) Terphenyl-d14	20.076	244	973816	81.183	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	19100	26.914	ng	# 90
3) Pyridine	3.951	79	43923	23.467	ng	# 91
4) n-Nitrosodimethylamine	3.857	42	36464	39.341	ng	92
6) Aniline	7.423	93	99239	37.367	ng	98
8) 2-Chlorophenol	7.675	128	78595	48.991	ng	97
9) Benzaldehyde	7.235	77	47430m	34.626	ng	
10) Phenol	7.299	94	108761	47.681	ng	94
11) bis(2-Chloroethyl)ether	7.517	93	73973	44.988	ng	90
12) 1,3-Dichlorobenzene	7.993	146	77591	41.622	ng	94
13) 1,4-Dichlorobenzene	8.139	146	79584	41.875	ng	93
14) 1,2-Dichlorobenzene	8.462	146	78257	42.700	ng	97
15) Benzyl Alcohol	8.345	79	89179	43.782	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.633	45	117303	42.730	ng	99
17) 2-Methylphenol	8.551	107	73007	47.297	ng	97
18) Hexachloroethane	9.191	117	29110	40.845	ng	96
19) n-Nitroso-di-n-propyla...	8.909	70	73054	43.544	ng	97
20) 3+4-Methylphenols	8.874	107	100012	45.898	ng	97
22) Acetophenone	8.927	105	130415	42.414	ng	# 96
24) Nitrobenzene	9.308	77	109066	41.079	ng	91
25) Isophorone	9.831	82	194344	41.889	ng	99
26) 2-Nitrophenol	10.025	139	45527	41.007	ng	93
27) 2,4-Dimethylphenol	10.084	122	78021	49.069	ng	90
28) bis(2-Chloroethoxy)met...	10.307	93	104761	40.192	ng	98
29) 2,4-Dichlorophenol	10.566	162	88332	44.190	ng	96
30) 1,2,4-Trichlorobenzene	10.783	180	89248	39.449	ng	95
31) Naphthalene	10.971	128	247903	41.924	ng	100
32) Benzoic acid	10.248	122	37137m	36.803	ng	
33) 4-Chloroaniline	11.071	127	79300	31.317	ng	97
34) Hexachlorobutadiene	11.253	225	63272	37.650	ng	98
35) Caprolactam	11.840	113	31072m	44.100	ng	
36) 4-Chloro-3-methylphenol	12.193	107	101921	43.797	ng	95
37) 2-Methylnaphthalene	12.569	142	190319	43.497	ng	94
38) 1-Methylnaphthalene	12.786	142	177750m	41.619	ng	
40) 1,2,4,5-Tetrachloroben...	12.933	216	119580	39.092	ng	98
41) Hexachlorocyclopentadiene	12.915	237	110049	69.693	ng	92
43) 2,4,6-Trichlorophenol	13.174	196	81167	38.486	ng	97

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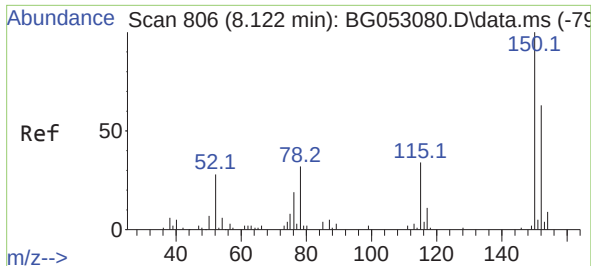
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	89833	39.972	ng	99
46) 1,1'-Biphenyl	13.567	154	262794	40.518	ng	98
47) 2-Chloronaphthalene	13.614	162	201323	38.906	ng	96
48) 2-Nitroaniline	13.808	65	81909	41.711	ng	89
49) Acenaphthylene	14.454	152	338222	41.755	ng	99
50) Dimethylphthalate	14.178	163	290483	40.324	ng	98
51) 2,6-Dinitrotoluene	14.302	165	62309	41.461	ng	88
52) Acenaphthene	14.795	154	251445m	45.774	ng	
53) 3-Nitroaniline	14.631	138	51864	32.638	ng	86
54) 2,4-Dinitrophenol	14.842	184	75917	79.393	ng	# 86
55) Dibenzofuran	15.130	168	336606	39.134	ng	96
56) 4-Nitrophenol	14.948	139	100626	83.028	ng	# 79
57) 2,4-Dinitrotoluene	15.089	165	93284	43.600	ng	87
58) Fluorene	15.776	166	285403	41.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.359	232	86215	39.503	ng	99
60) Diethylphthalate	15.535	149	308604	40.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.764	204	153258	38.917	ng	96
62) 4-Nitroaniline	15.794	138	68469	40.832	ng	# 84
63) Azobenzene	16.058	77	303921	39.939	ng	99
65) 4,6-Dinitro-2-methylph...	15.858	198	58131	38.004	ng	98
66) n-Nitrosodiphenylamine	15.976	169	258315	40.972	ng	97
67) 4-Bromophenyl-phenylether	16.657	248	112118	39.910	ng	98
68) Hexachlorobenzene	16.787	284	124250	40.840	ng	95
69) Atrazine	16.922	200	116561	47.329	ng	97
70) Pentachlorophenol	17.133	266	135261	81.350	ng	95
71) Phenanthrene	17.521	178	500922	41.829	ng	99
72) Anthracene	17.609	178	511545	43.117	ng	99
73) Carbazole	17.879	167	475189	41.204	ng	99
74) Di-n-butylphthalate	18.425	149	555027	42.435	ng	98
75) Fluoranthene	19.524	202	634059	41.305	ng	99
77) Benzidine	19.694	184	257488	44.547	ng	99
78) Pyrene	19.888	202	625624	43.361	ng	99
80) Butylbenzylphthalate	20.758	149	225838	41.984	ng	98
81) Benzo(a)anthracene	21.739	228	567193	40.948	ng	98
82) 3,3'-Dichlorobenzidine	21.651	252	153622	30.157	ng	99
83) Chrysene	21.809	228	546507	42.512	ng	99
84) Bis(2-ethylhexyl)phtha...	21.627	149	310147	42.655	ng	99
85) Di-n-octyl phthalate	22.861	149	515211	42.368	ng	96
87) Indeno(1,2,3-cd)pyrene	28.841	276	638011	43.578	ng	# 97
88) Benzo(b)fluoranthene	24.006	252	582671	46.863	ng	98
89) Benzo(k)fluoranthene	24.083	252	533215	43.635	ng	99
90) Benzo(a)pyrene	24.905	252	546644	51.608	ng	96
91) Dibenzo(a,h)anthracene	28.894	278	550380	45.674	ng	99
92) Benzo(g,h,i)perylene	30.027	276	535821	45.114	ng	98

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



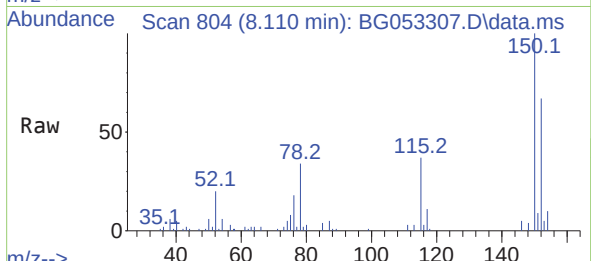
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053307.D
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BNA_G

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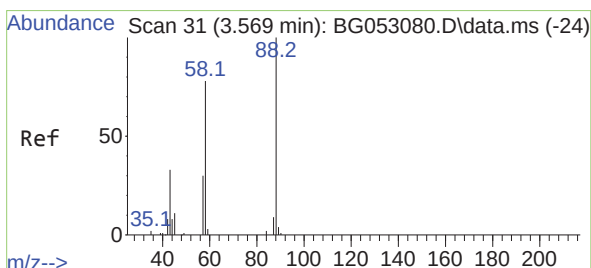
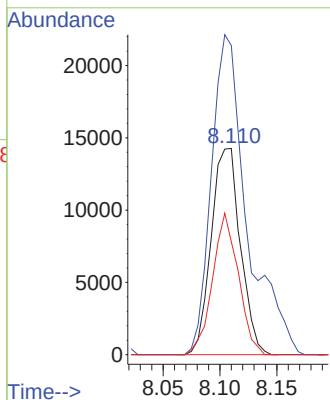
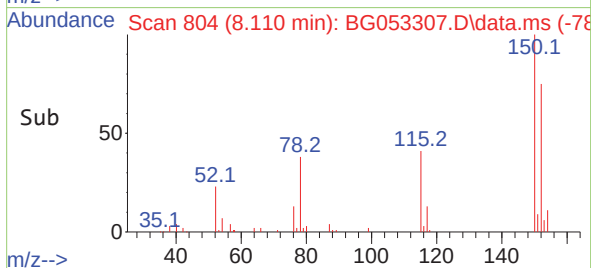


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Ion Ratio Lower Upper
152 100
150 149.9 114.6 172.0
115 54.7 45.9 68.9

Manual Integrations

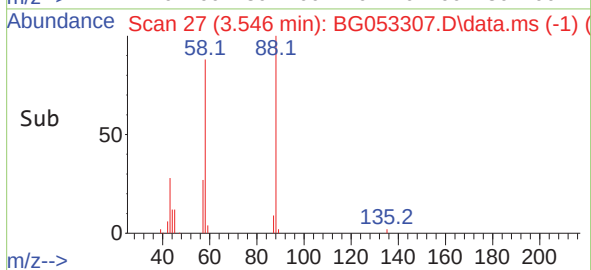
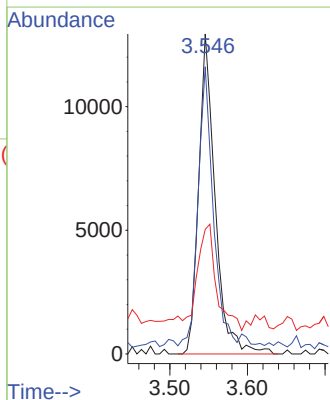
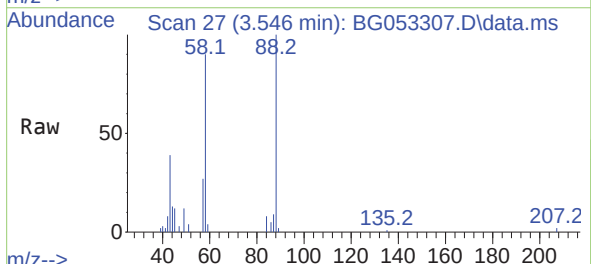
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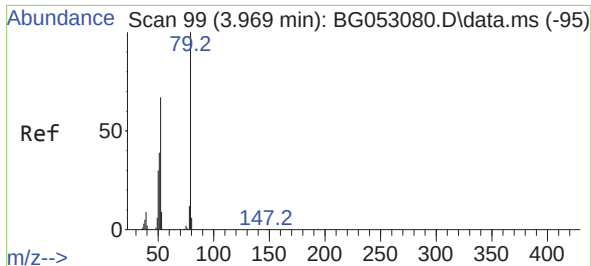
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#2
1,4-Dioxane
Concen: 26.914 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

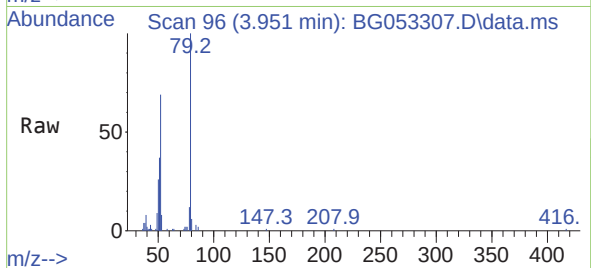
Tgt Ion: 88 Resp: 19100
Ion Ratio Lower Upper
88 100
58 79.3 58.2 87.2
43 38.1 23.4 35.0#





#3
Pyridine
Concen: 23.467 ng
RT: 3.951 min Scan# 90
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

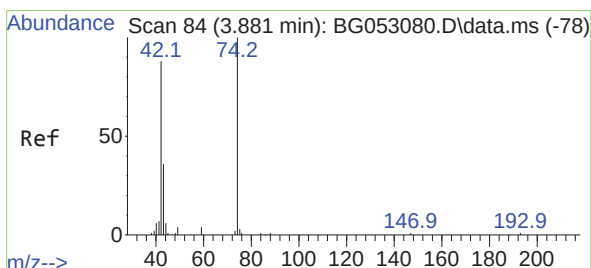
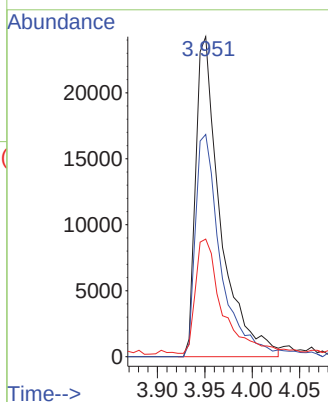
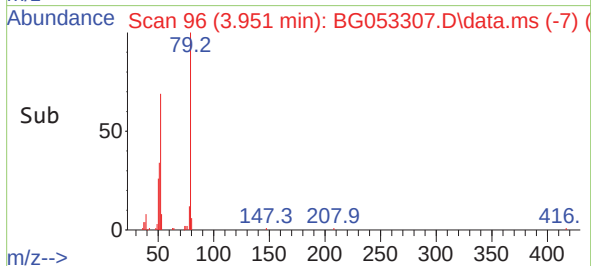
Instrument :
BNA_G
ClientSampleId :
PB144314BS



Tgt Ion: 79 Resp: 4392
Ion Ratio Lower Upper
79 100
52 69.5 50.9 76.3
51 36.7 24.4 36.6

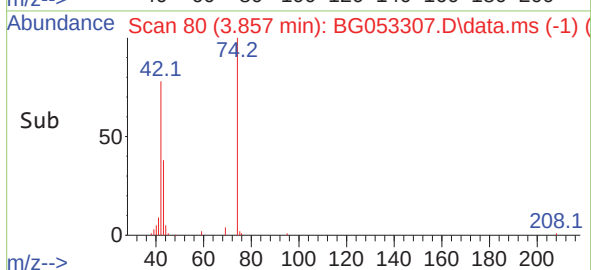
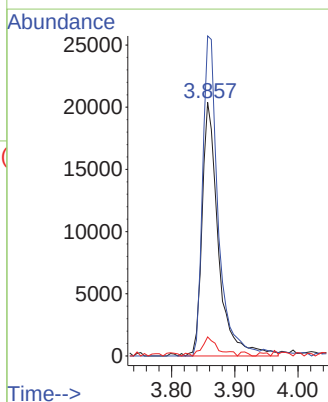
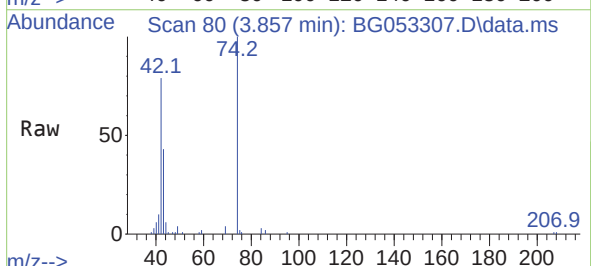
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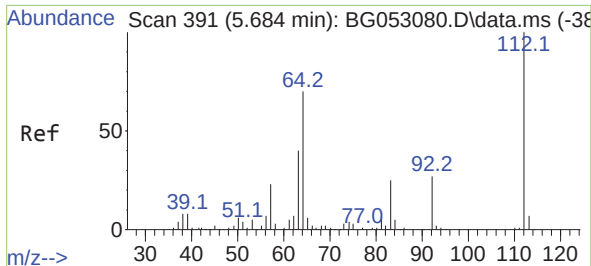
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#4
n-Nitrosodimethylamine
Concen: 39.341 ng
RT: 3.857 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion: 42 Resp: 36464
Ion Ratio Lower Upper
42 100
74 126.2 108.9 163.3
44 7.5 5.7 8.5





#5
2-Fluorophenol
Concen: 134.356 ng
RT: 5.672 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

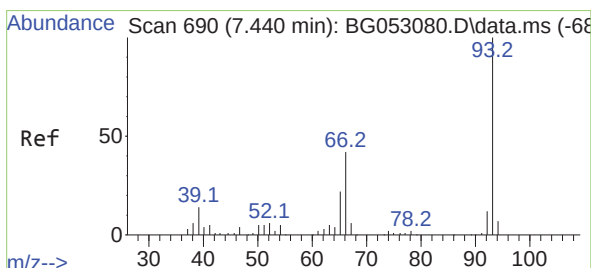
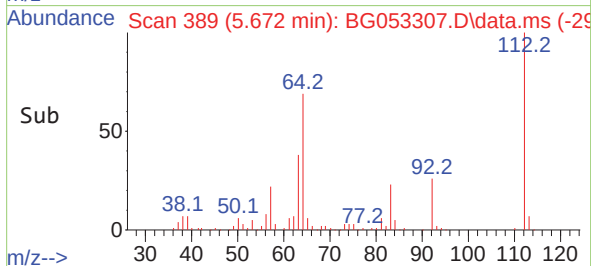
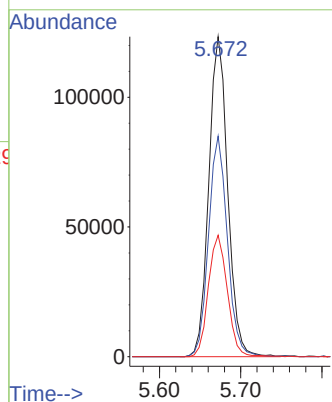
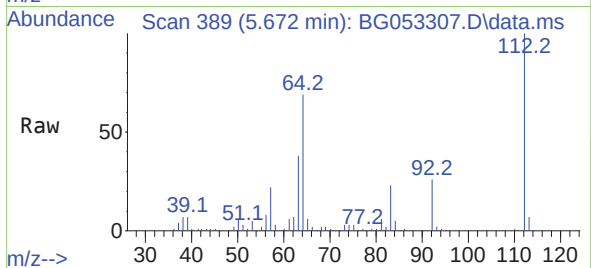
PB144314BS

Tgt Ion:112 Resp: 19965
Ion Ratio Lower Upper
112 100
64 68.9 48.0 72.0
63 37.9 26.5 39.7

Manual Integrations

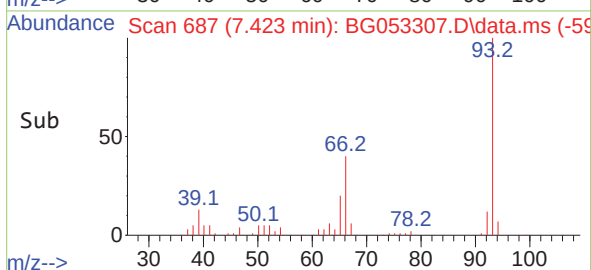
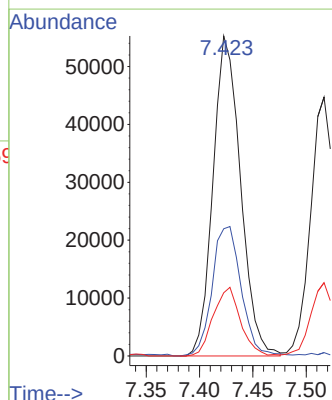
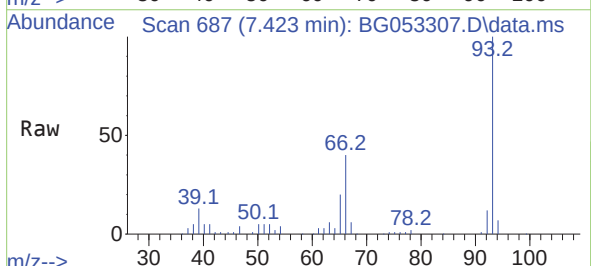
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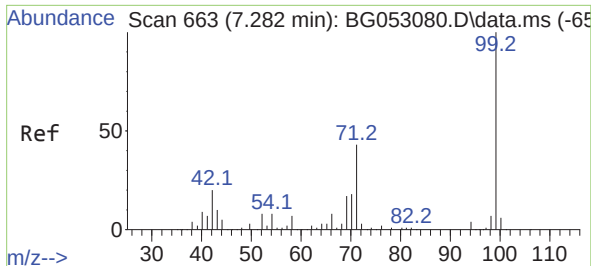
Reviewed By :Christian Giraldo 04/26/2022
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#6
Aniline
Concen: 37.367 ng
RT: 7.423 min Scan# 687
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

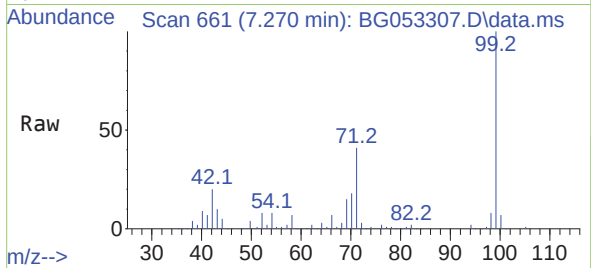
Tgt Ion: 93 Resp: 99239
Ion Ratio Lower Upper
93 100
66 39.7 31.3 46.9
65 19.8 16.7 25.1





#7
Phenol-d6
Concen: 128.712 ng
RT: 7.270 min Scan# 609
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

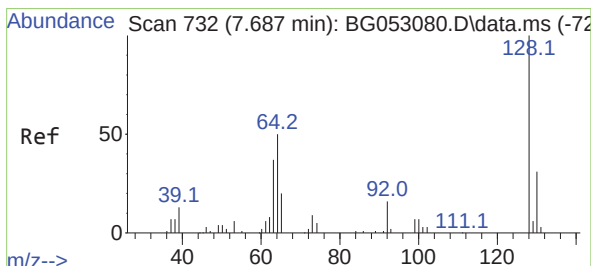
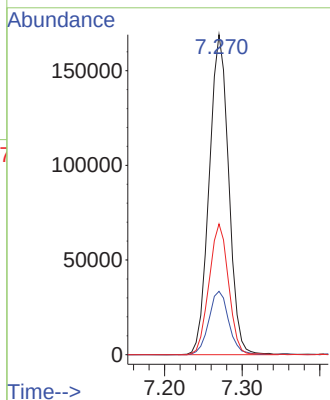
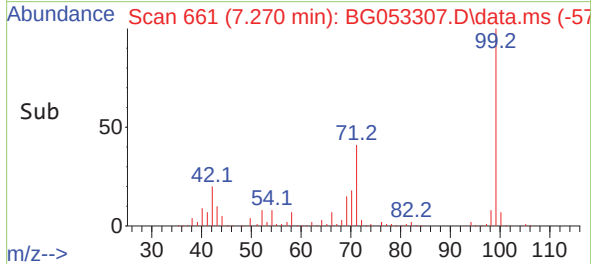
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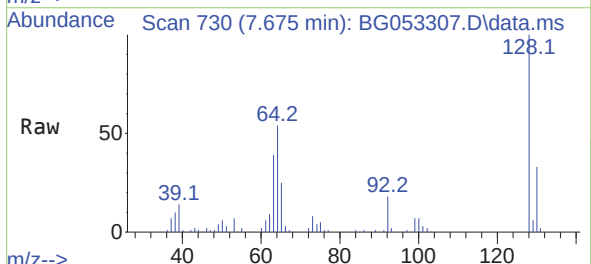
Tgt Ion: 99 Resp: 29495
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 40.9 29.2 43.8

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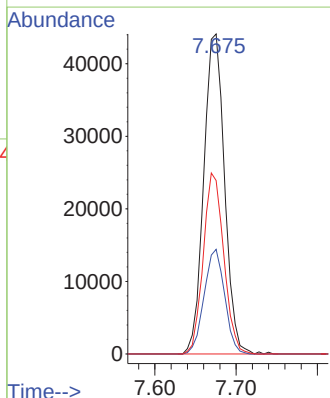
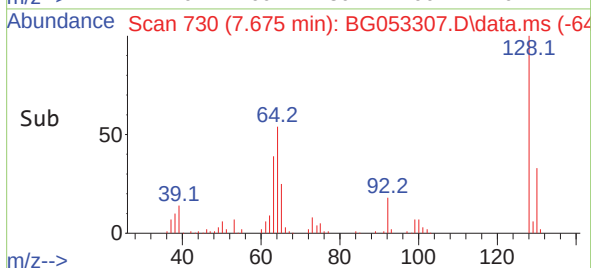
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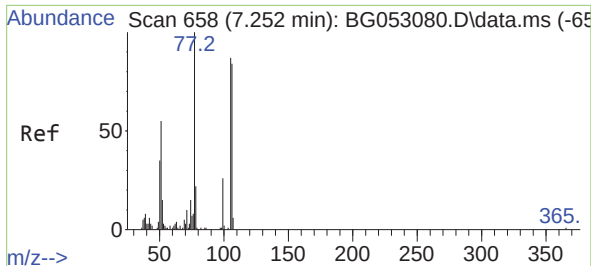


#8
2-Chlorophenol
Concen: 48.991 ng
RT: 7.675 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



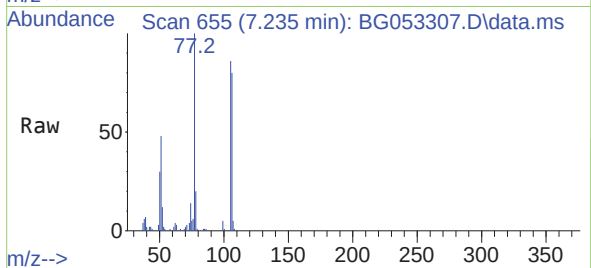
Tgt Ion:128 Resp: 78595
Ion Ratio Lower Upper
128 100
130 32.7 13.4 53.4
64 54.2 30.9 70.9





#9
Benzaldehyde
Concen: 34.626 ng m
RT: 7.235 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053307.D
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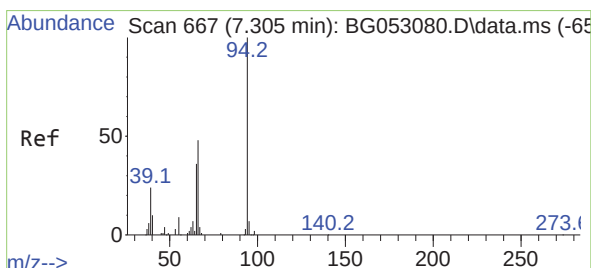
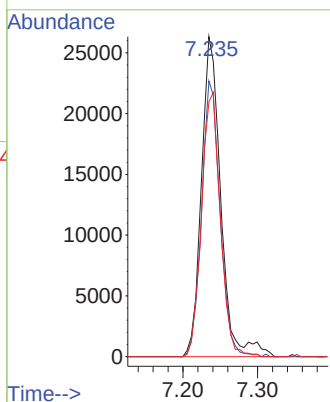
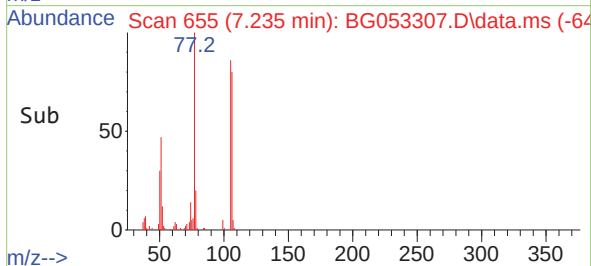
Instrument :
BNA_G
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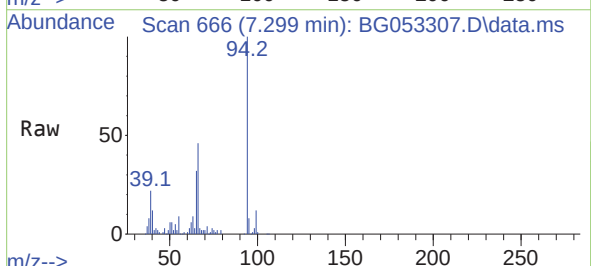
Tgt Ion: 77 Resp: 47430
Ion Ratio Lower Upper
77 100
105 86.1 70.6 110.6
106 79.6 67.6 107.6

Manual Integrations
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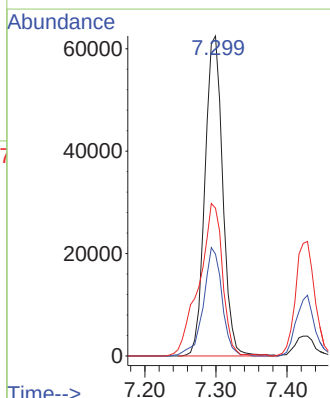
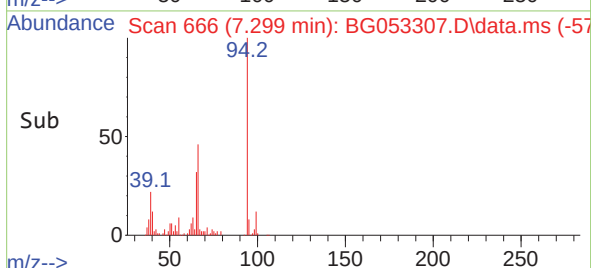
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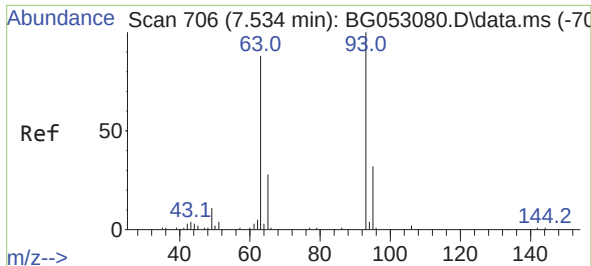


#10
Phenol
Concen: 47.681 ng
RT: 7.299 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion: 94 Resp: 108761
Ion Ratio Lower Upper
94 100
65 31.9 11.1 51.1
66 46.2 20.0 60.0





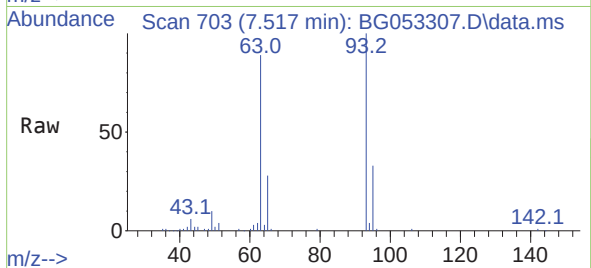
#11
bis(2-Chloroethyl)ether
Concen: 44.988 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

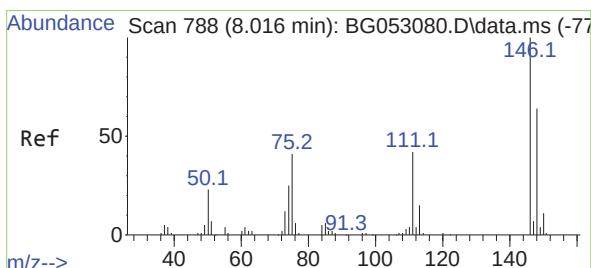
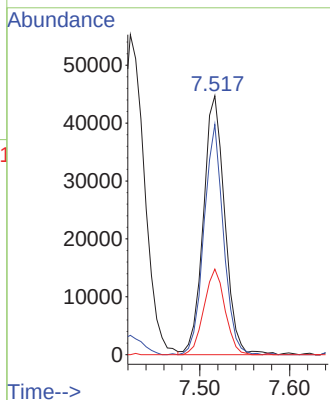
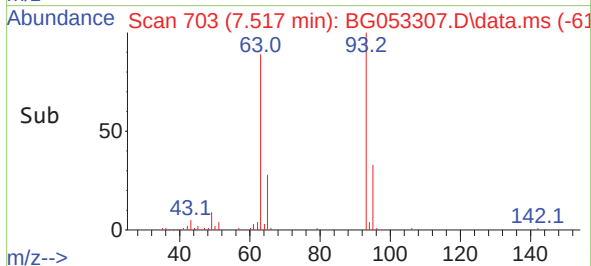


Tgt Ion: 93 Resp: 7397
Ion Ratio Lower Upper
93 100
63 89.0 56.9 96.9
95 33.0 14.5 54.5

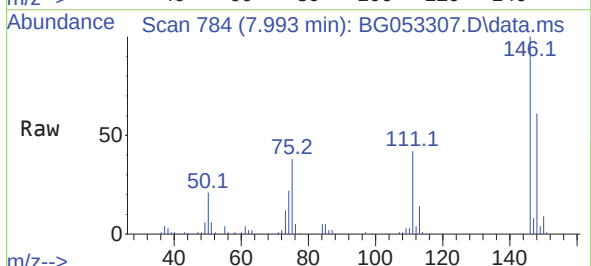
Manual Integrations

APPROVED

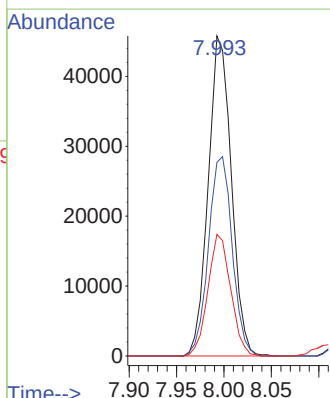
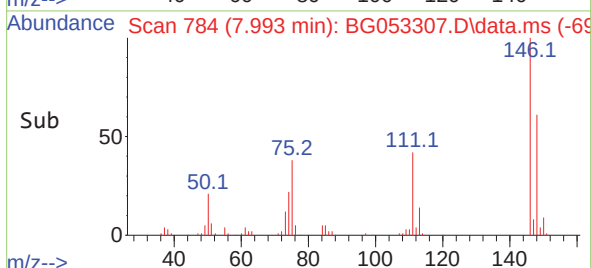
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

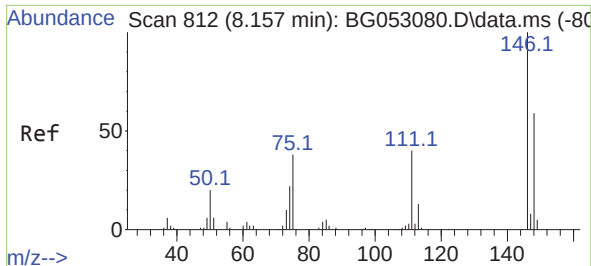


#12
1,3-Dichlorobenzene
Concen: 41.622 ng
RT: 7.993 min Scan# 784
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion:146 Resp: 77591
Ion Ratio Lower Upper
146 100
148 60.5 50.6 76.0
75 38.0 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 41.875 ng

RT: 8.139 min Scan# 809

Delta R.T. -0.009 min

Lab File: BG053307.D

Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

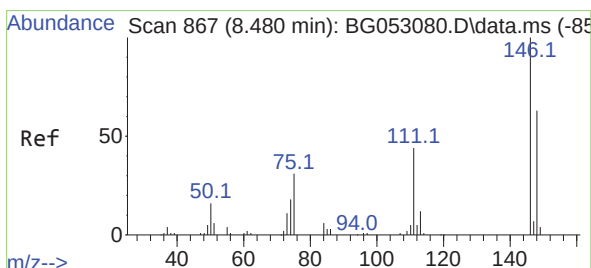
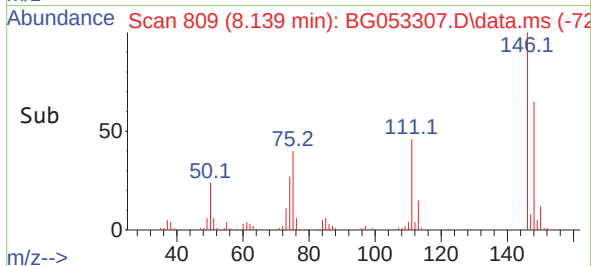
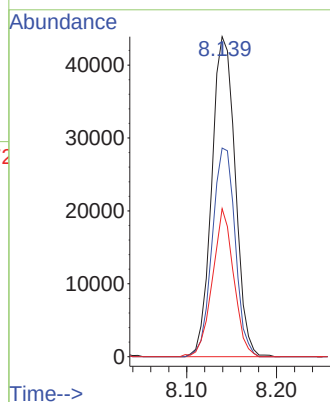
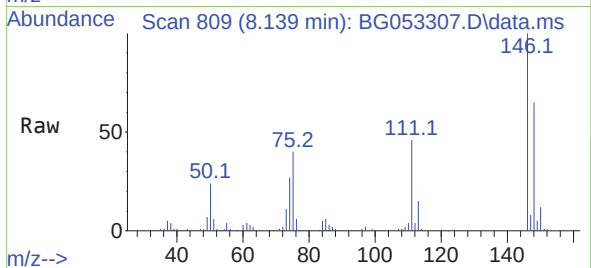
PB144314BS

Tgt Ion:	146	Resp:	79584
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.0	75.0
111	46.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#14

1,2-Dichlorobenzene

Concen: 42.700 ng

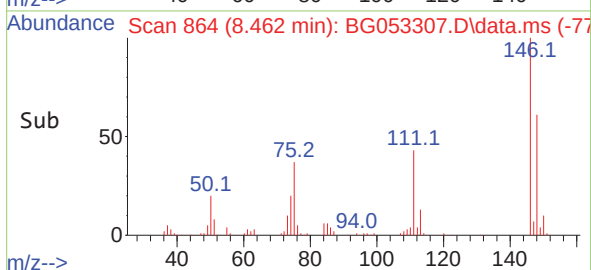
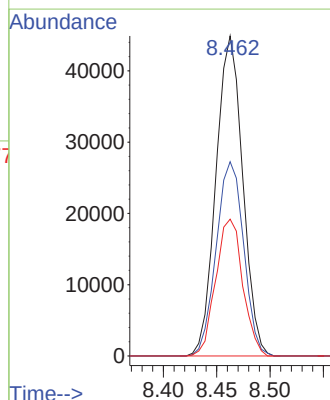
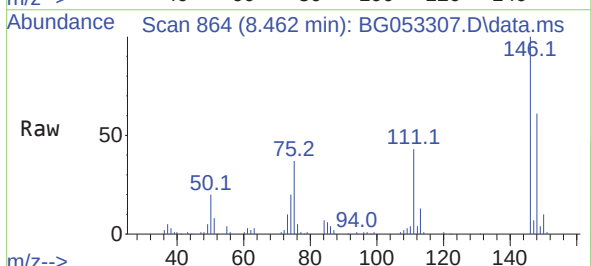
RT: 8.462 min Scan# 864

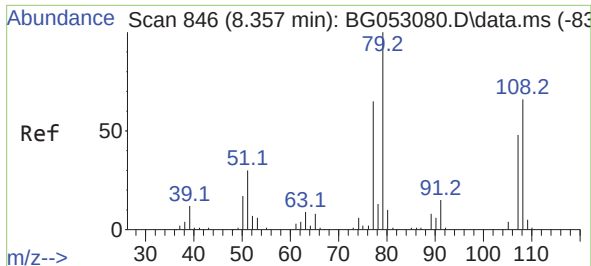
Delta R.T. -0.009 min

Lab File: BG053307.D

Acq: 25 Apr 2022 13:42

Tgt Ion:	146	Resp:	78257
Ion Ratio	Lower	Upper	
146	100		
148	60.7	51.0	76.6
111	42.8	34.7	52.1





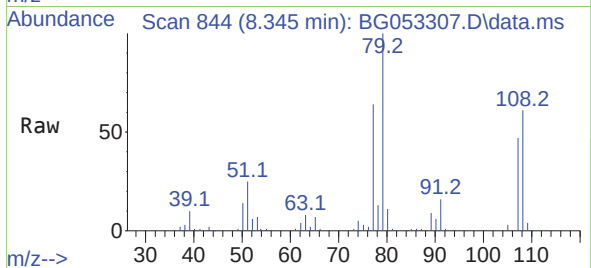
#15
Benzyl Alcohol
Concen: 43.782 ng
RT: 8.345 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

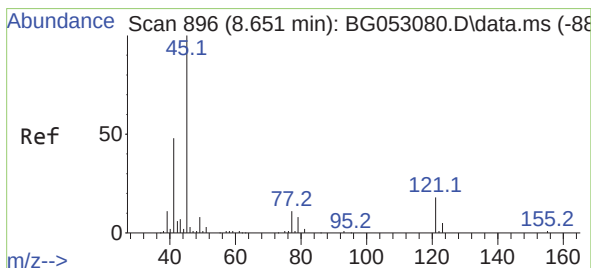
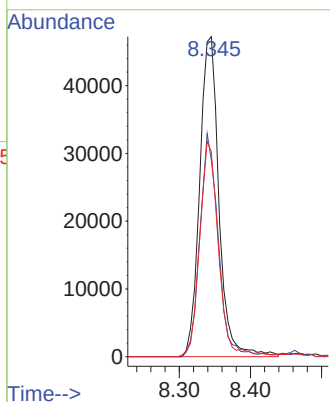
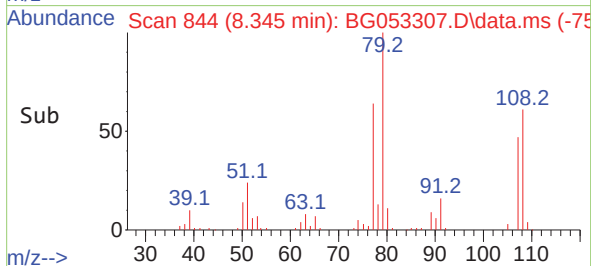


Tgt Ion: 79 Resp: 89179
Ion Ratio Lower Upper
79 100
108 61.4 55.1 82.7
77 64.0 52.4 78.6

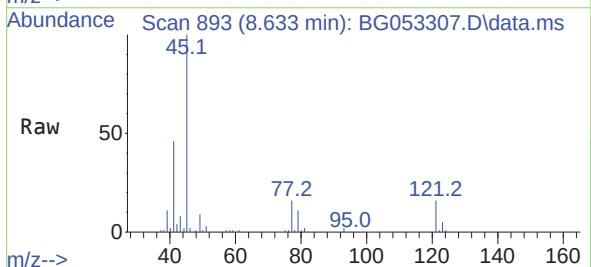
Manual Integrations

APPROVED

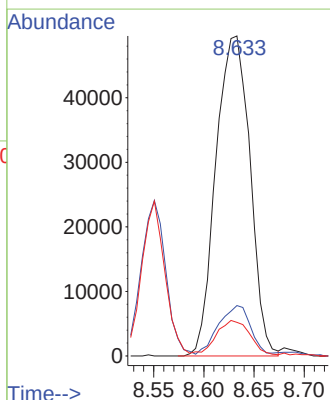
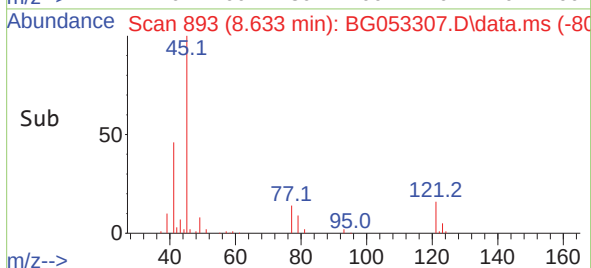
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

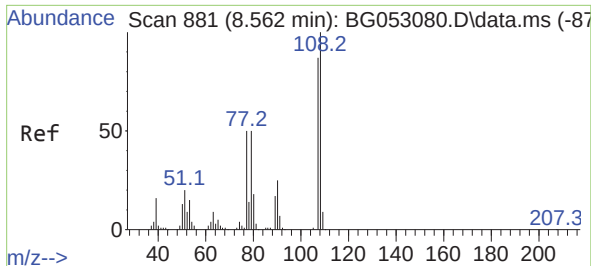


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.730 ng
RT: 8.633 min Scan# 893
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion: 45 Resp: 117303
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.9
79 10.5 0.0 30.7





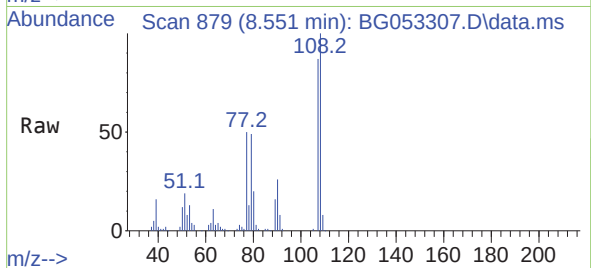
#17
2-Methylphenol
Concen: 47.297 ng
RT: 8.551 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

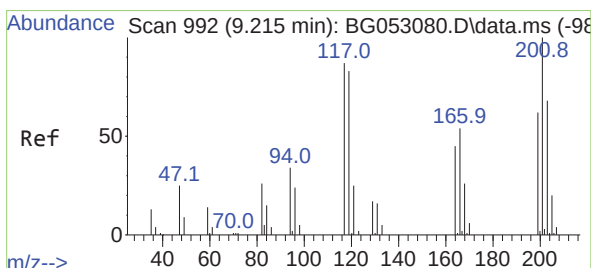
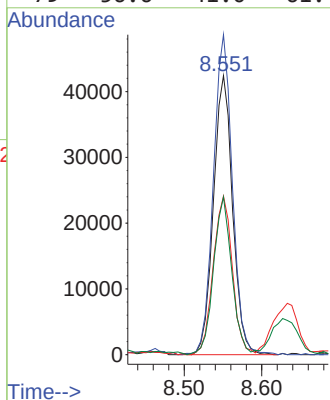
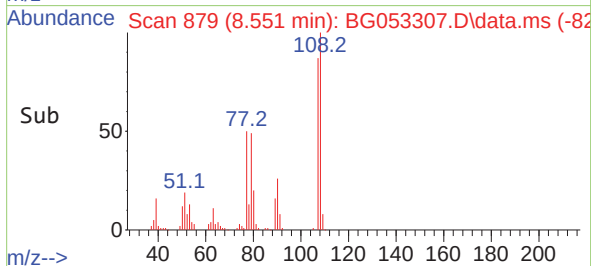


Tgt Ion:	107	Resp:	7300
Ion Ratio	Lower	Upper	
107	100		
108	114.7	91.5	137.3
77	56.8	42.5	63.7
79	56.6	41.0	61.4

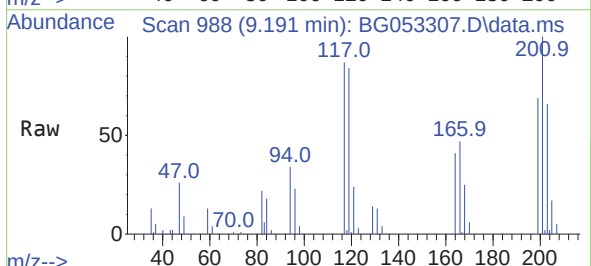
Manual Integrations

APPROVED

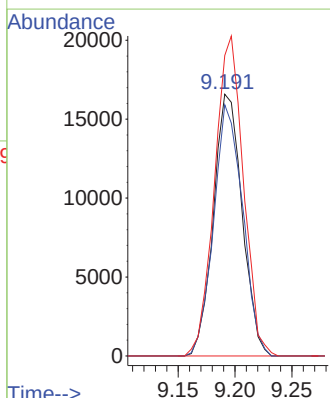
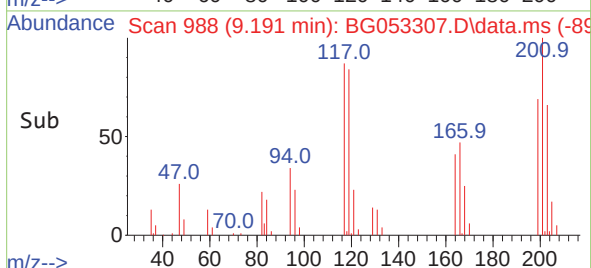
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

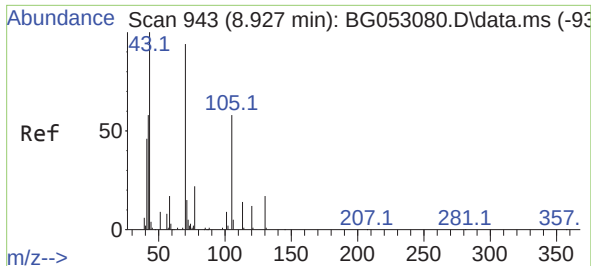


#18
Hexachloroethane
Concen: 40.845 ng
RT: 9.191 min Scan# 988
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



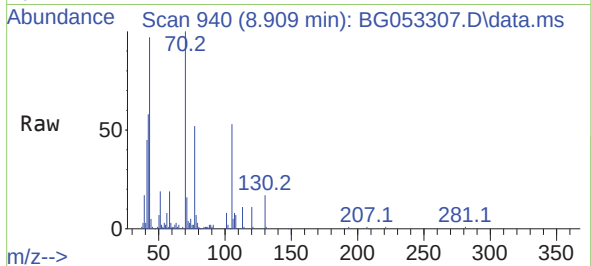
Tgt Ion:	117	Resp:	29110
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.1	112.7
201	114.8	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.544 ng
RT: 8.909 min Scan# 94
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

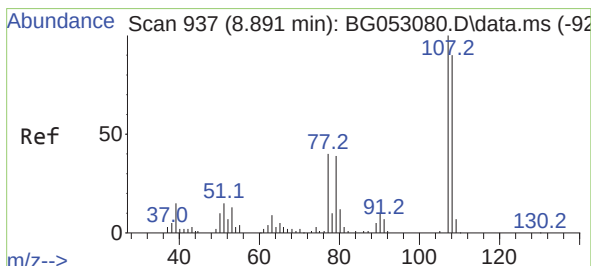
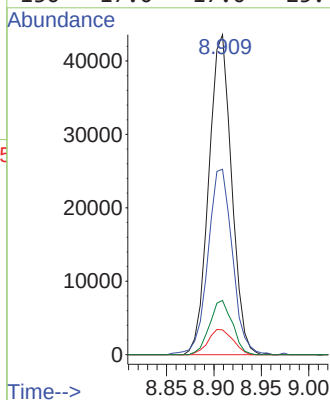
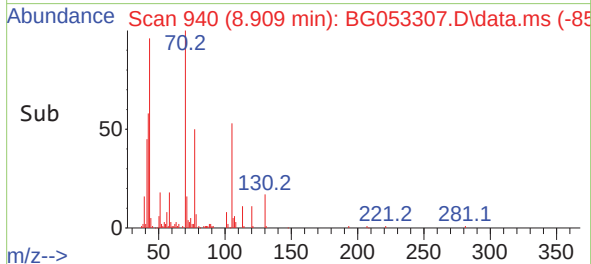
Instrument :
BNA_G
ClientSampleId :
PB144314BS



Tgt Ion: 70 Resp: 73054
Ion Ratio Lower Upper
70 100
42 57.9 46.0 69.0
101 7.7 6.2 9.4
130 17.0 17.0 25.4

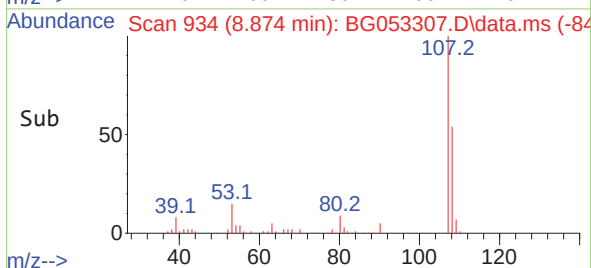
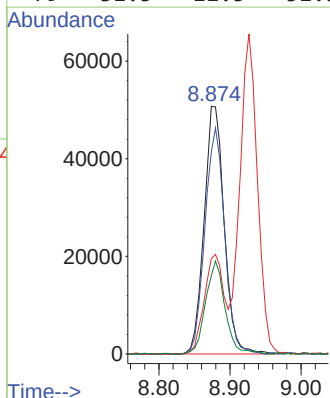
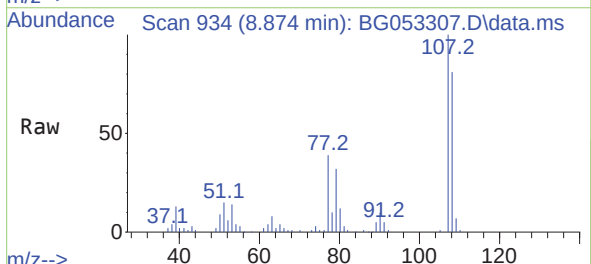
Manual Integrations
APPROVED

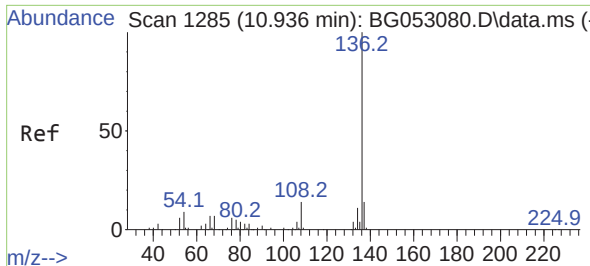
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#20
3+4-Methylphenols
Concen: 45.898 ng
RT: 8.874 min Scan# 934
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:107 Resp: 100012
Ion Ratio Lower Upper
107 100
108 81.5 64.8 104.8
77 38.5 15.9 55.9
79 31.5 11.5 51.5





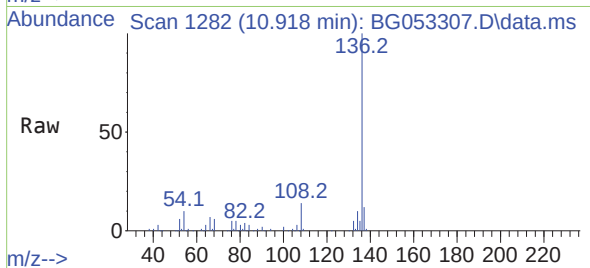
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 11083
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

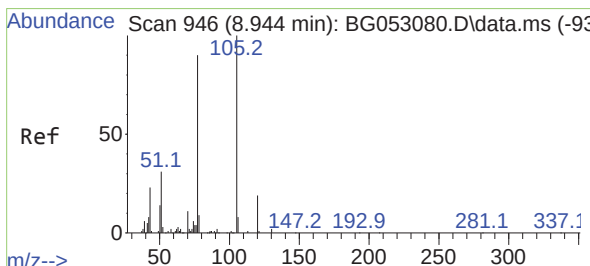
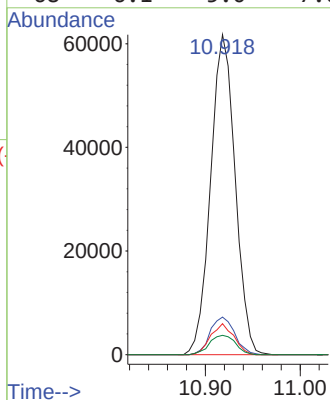
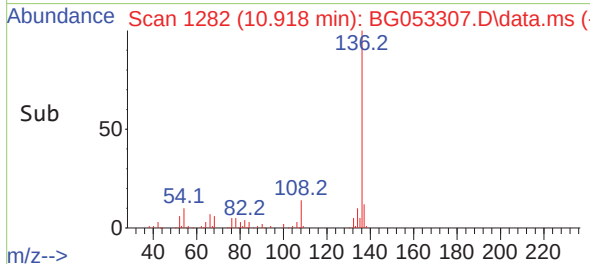


Tgt Ion:136 Resp: 11083
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 9.7 6.4 9.6
68 6.1 5.0 7.6

Manual Integrations

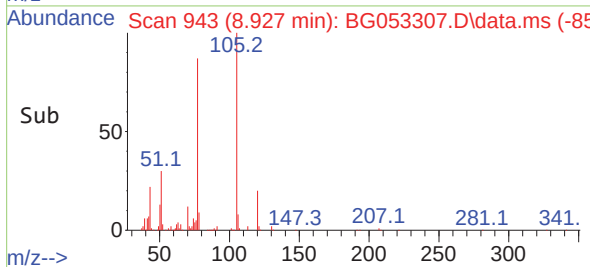
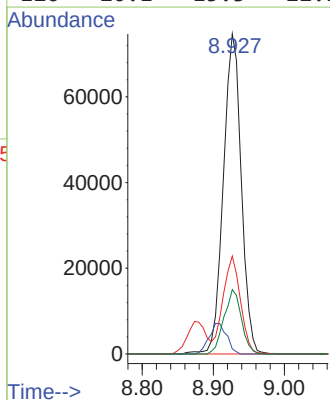
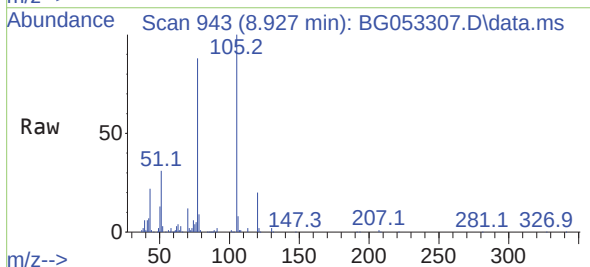
APPROVED

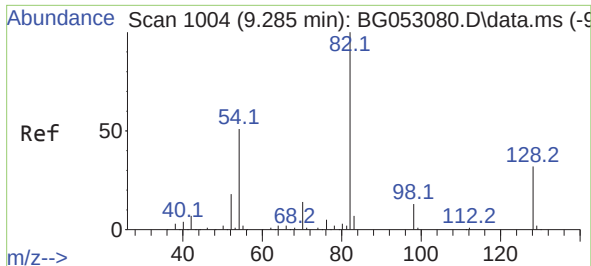
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#22
Acetophenone
Concen: 42.414 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:105 Resp: 130415
Ion Ratio Lower Upper
105 100
71 1.6 2.1 3.1#
51 30.6 21.9 32.9
120 20.1 15.3 22.9





#23
Nitrobenzene-d5
Concen: 74.913 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

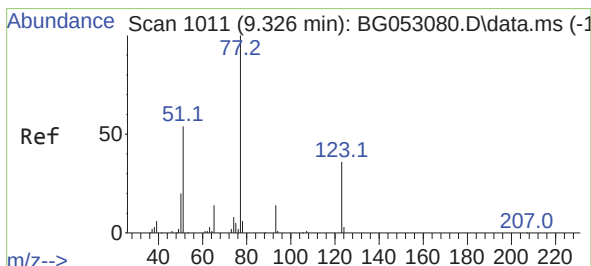
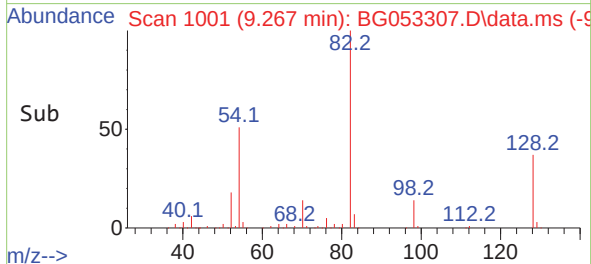
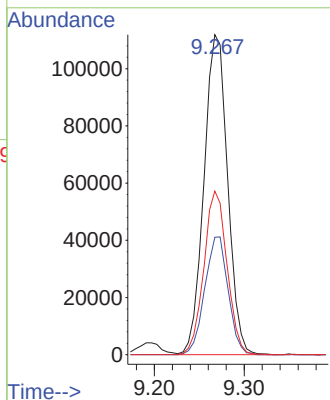
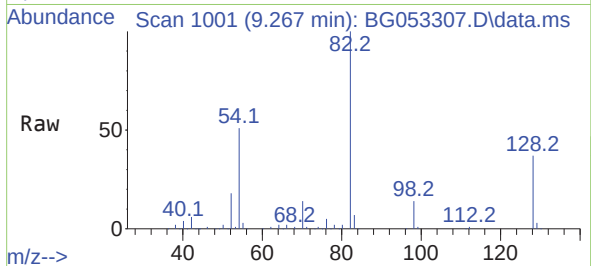
PB144314BS

Tgt Ion: 82 Resp: 20448
Ion Ratio Lower Upper
82 100
128 36.7 31.3 46.9
54 51.1 37.8 56.8

Manual Integrations

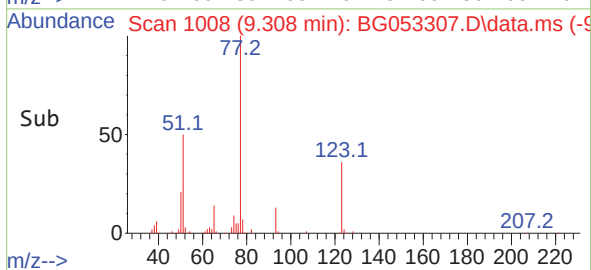
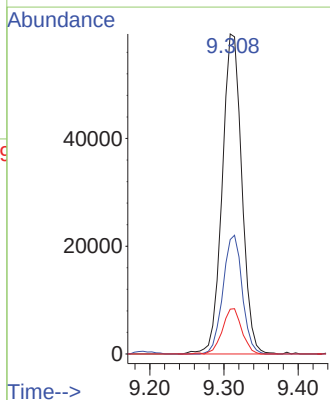
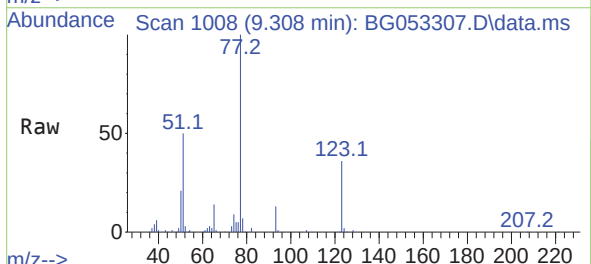
APPROVED

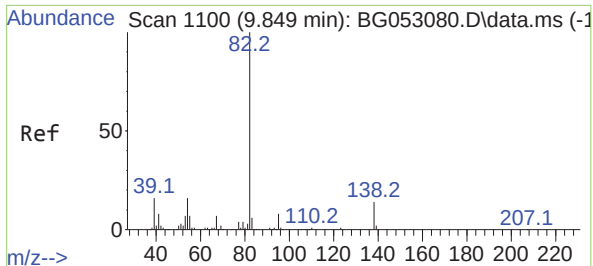
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#24
Nitrobenzene
Concen: 41.079 ng
RT: 9.308 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion: 77 Resp: 109066
Ion Ratio Lower Upper
77 100
123 35.8 34.4 51.6
65 14.0 11.2 16.8





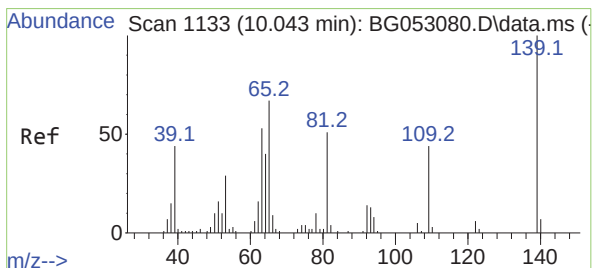
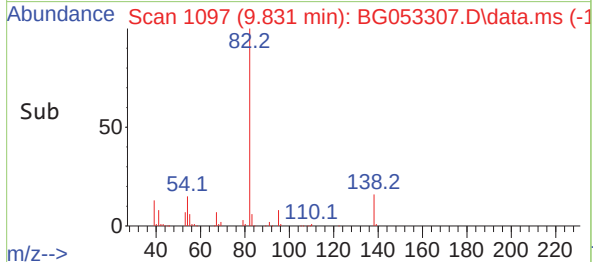
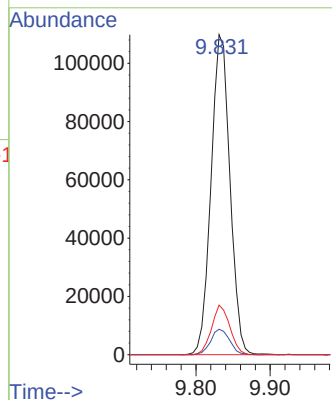
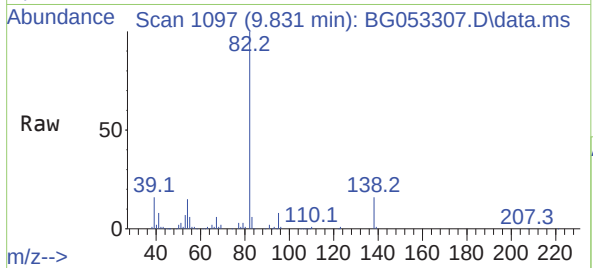
#25
Isophorone
Concen: 41.889 ng
RT: 9.831 min Scan# 1097
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB144314BS

Tgt Ion: 82 Resp: 19434
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.6
138 15.5 12.6 18.8

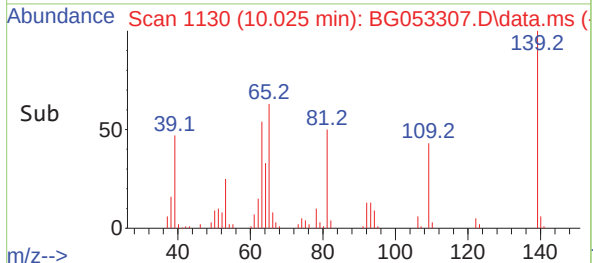
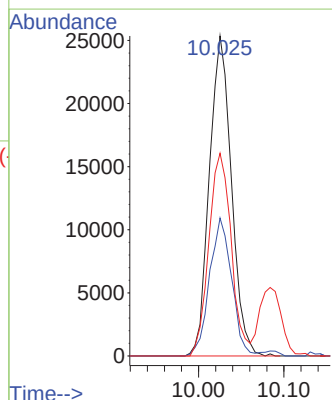
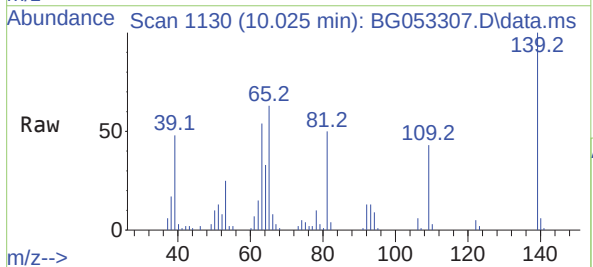
Manual Integrations
APPROVED

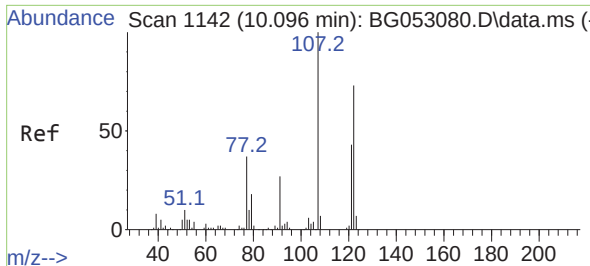
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#26
2-Nitrophenol
Concen: 41.007 ng
RT: 10.025 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:139 Resp: 45527
Ion Ratio Lower Upper
139 100
109 43.1 29.4 44.0
65 63.3 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 49.069 ng
RT: 10.084 min Scan# 1142
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

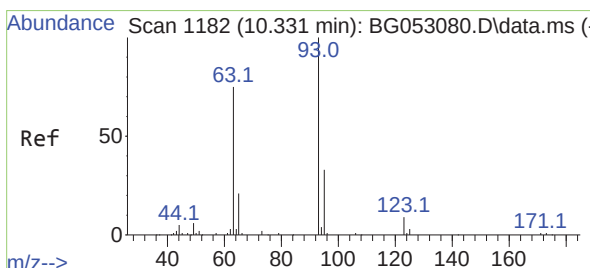
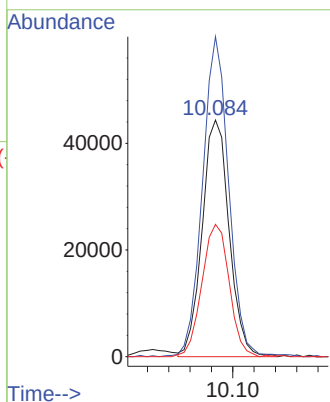
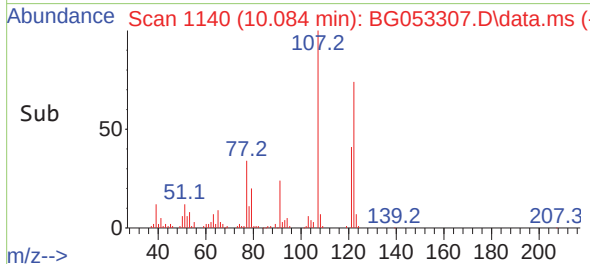
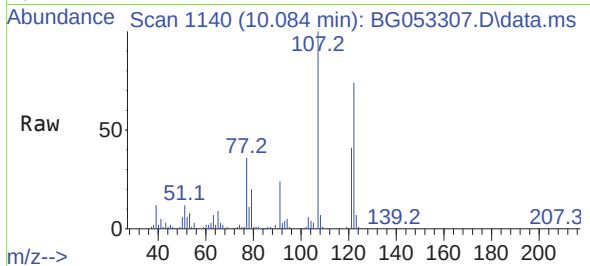
PB144314BS

Tgt Ion:122 Resp: 7802
Ion Ratio Lower Upper
122 100
107 135.2 96.7 145.1
121 55.9 46.3 69.5

Manual Integrations

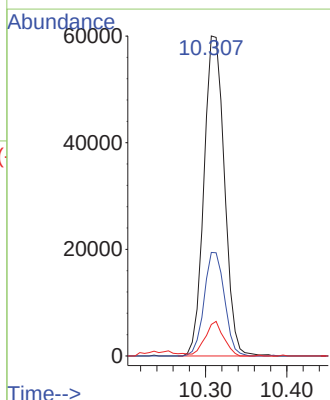
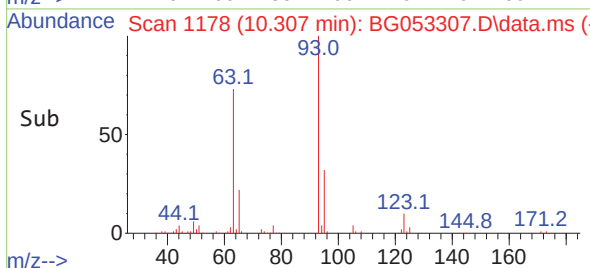
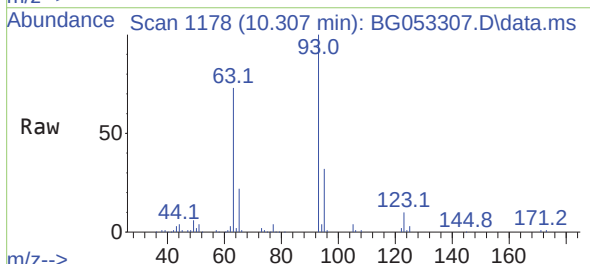
APPROVED

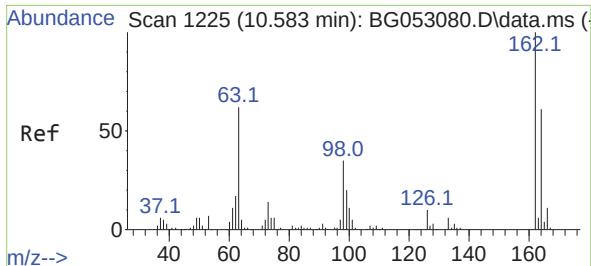
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.192 ng
RT: 10.307 min Scan# 1178
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion: 93 Resp: 104761
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 9.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 44.190 ng

RT: 10.566 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG053307.D

Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

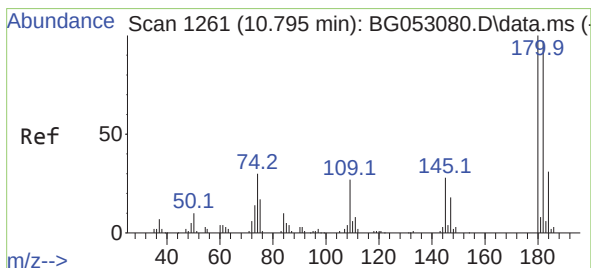
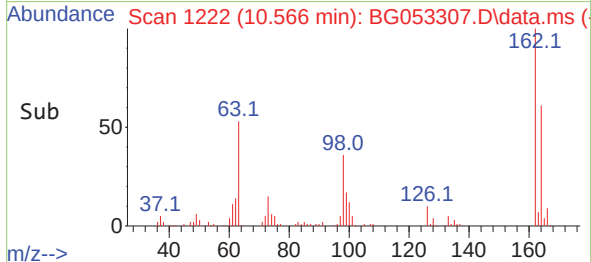
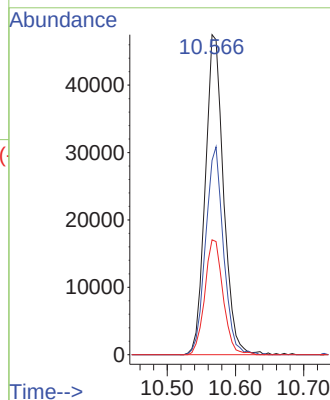
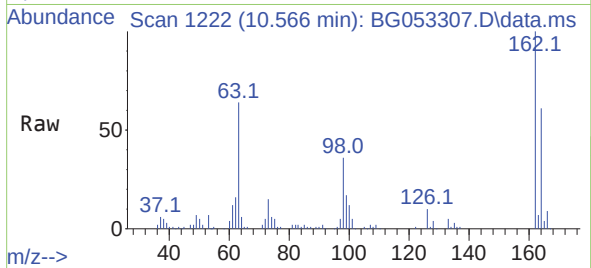
Tgt Ion:162	Resp:	8833
Ion Ratio	Lower	Upper
162	100	
164	60.7	44.0 84.0
98	35.9	17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2022

Supervised By :Jagrut Upadhyay 04/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.449 ng

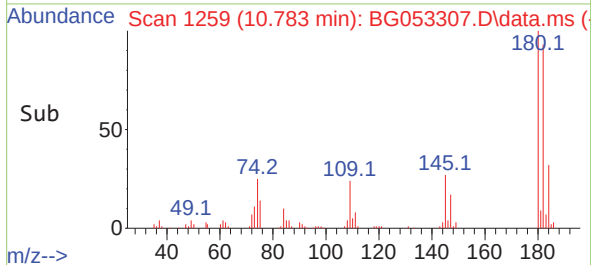
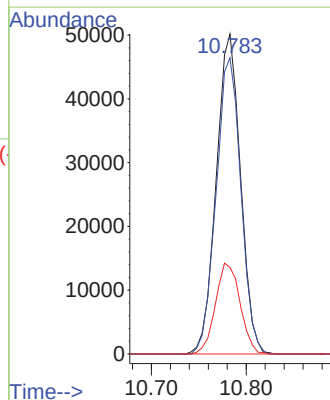
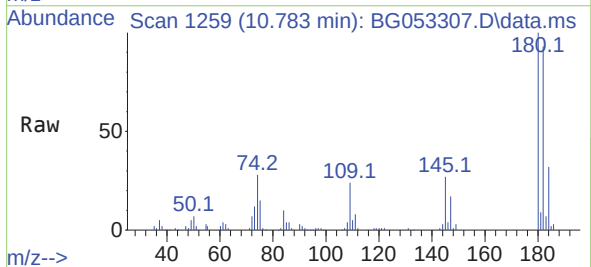
RT: 10.783 min Scan# 1259

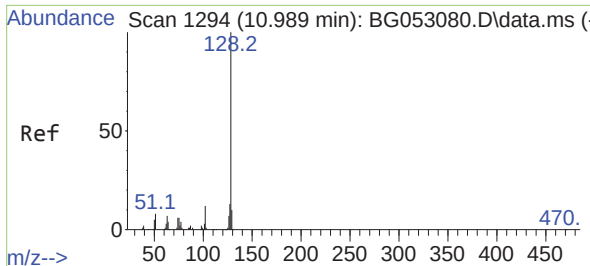
Delta R.T. -0.003 min

Lab File: BG053307.D

Acq: 25 Apr 2022 13:42

Tgt Ion:180	Resp:	89248
Ion Ratio	Lower	Upper
180	100	
182	92.5	77.8 116.6
145	27.0	24.4 36.6





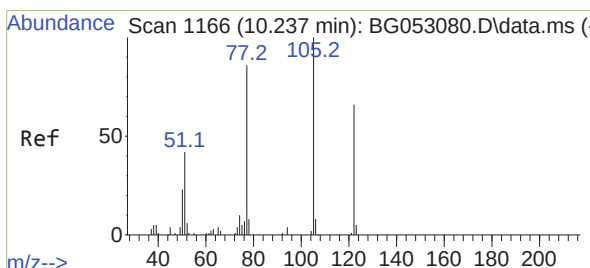
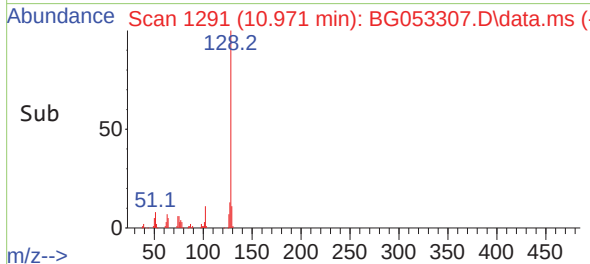
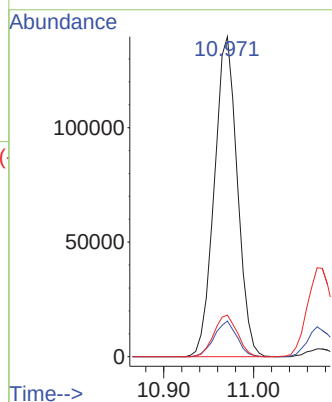
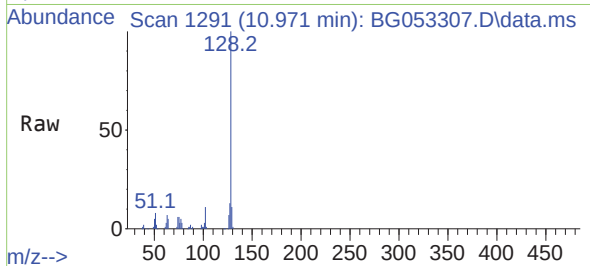
#31
Naphthalene
Concen: 41.924 ng
RT: 10.971 min Scan# 1294
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB144314BS

Tgt Ion:128 Resp: 24790
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.0 10.5 15.7

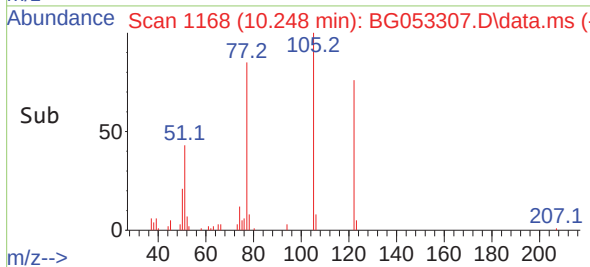
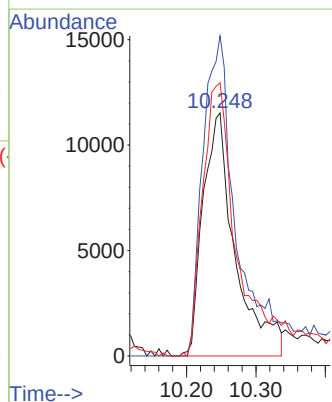
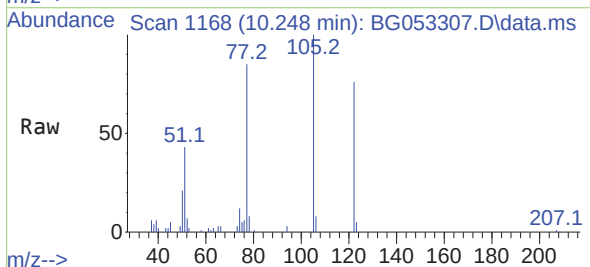
Manual Integrations
APPROVED

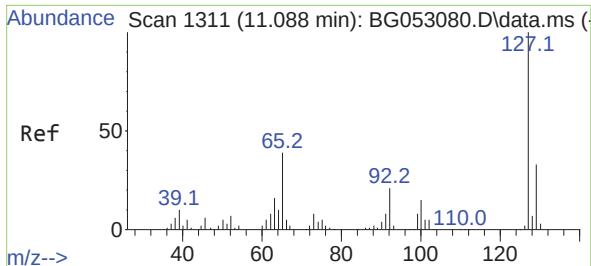
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#32
Benzoic acid
Concen: 36.803 ng m
RT: 10.248 min Scan# 1168
Delta R.T. 0.014 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:122 Resp: 37137
Ion Ratio Lower Upper
122 100
105 131.7 112.8 152.8
77 112.4 78.4 118.4





#33
4-Chloroaniline
Concen: 31.317 ng
RT: 11.071 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

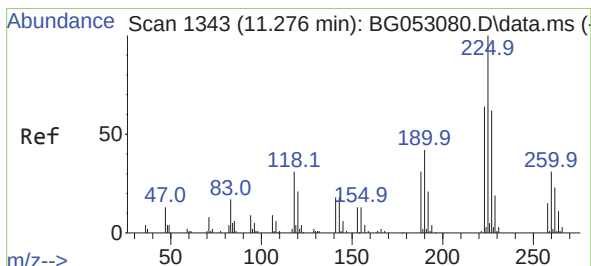
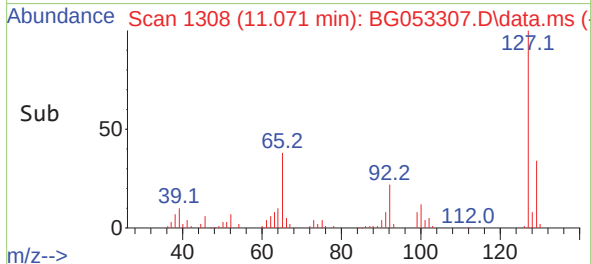
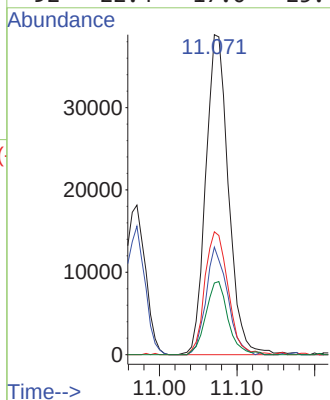
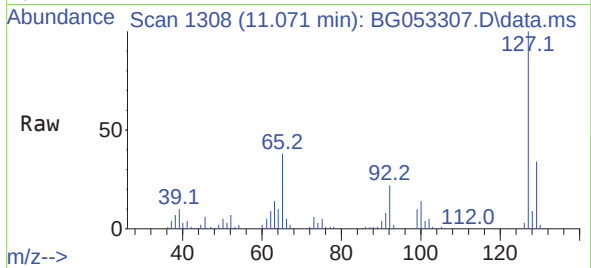
PB144314BS

Tgt Ion:127 Resp: 79300
Ion Ratio Lower Upper
127 100
129 33.6 27.6 41.4
65 38.4 28.2 42.4
92 22.4 17.0 25.4

Manual Integrations

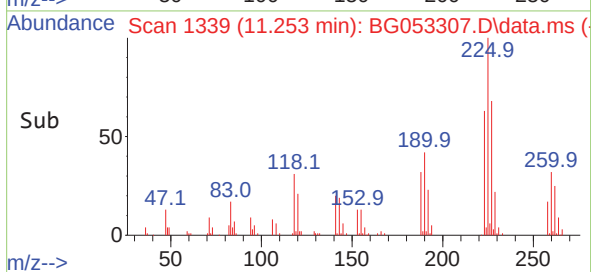
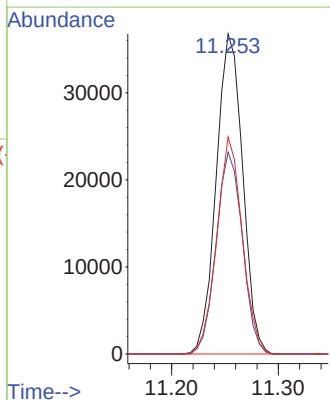
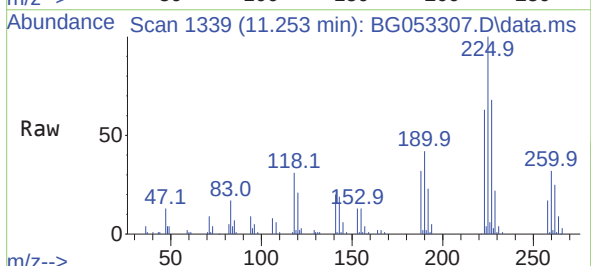
APPROVED

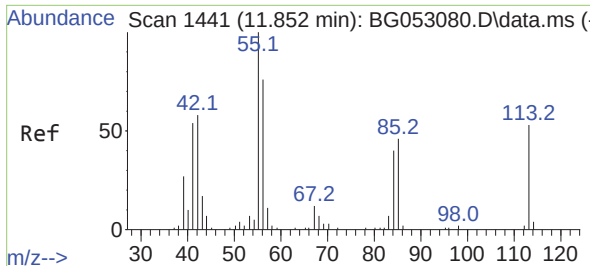
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#34
Hexachlorobutadiene
Concen: 37.650 ng
RT: 11.253 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:225 Resp: 63272
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.2
227 67.8 52.0 78.0





#35
 Caprolactam
 Concen: 44.100 ng m
 RT: 11.840 min Scan# 1441
 Delta R.T. -0.009 min
 Lab File: BG053307.D
 Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

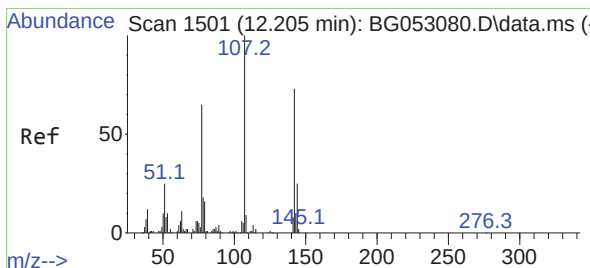
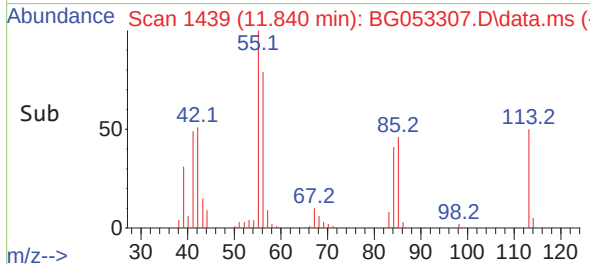
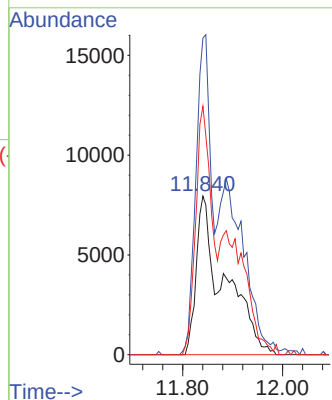
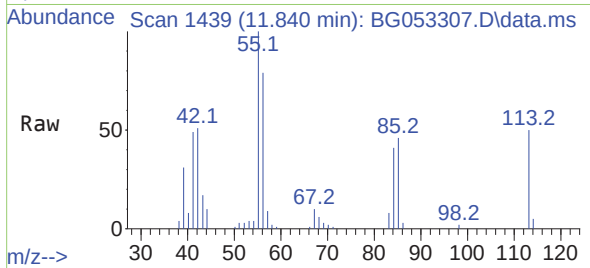
PB144314BS

Tgt Ion:113 Resp: 31072
 Ion Ratio Lower Upper
 113 100
 55 199.6 151.3 191.3
 56 156.7 128.5 168.5

Manual Integrations

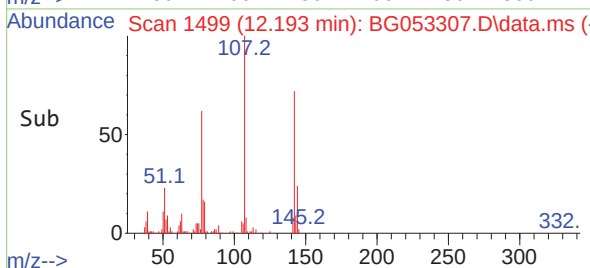
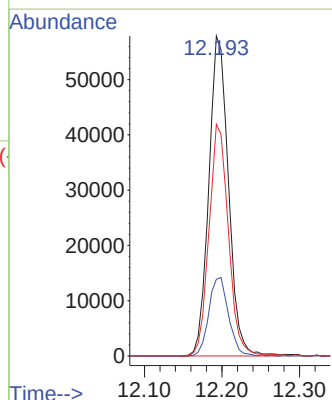
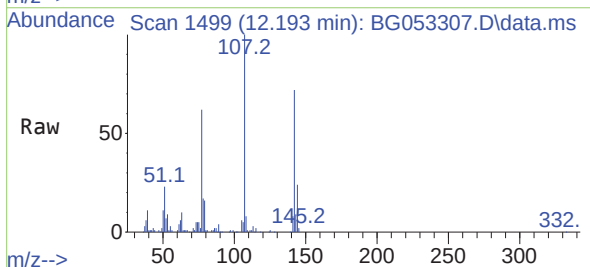
APPROVED

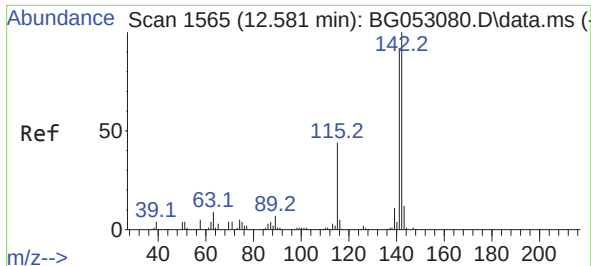
Reviewed By :Christian Giraldo 04/26/2022
 Supervised By :Jagrut Upadhyay 04/26/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.797 ng
 RT: 12.193 min Scan# 1499
 Delta R.T. -0.003 min
 Lab File: BG053307.D
 Acq: 25 Apr 2022 13:42

Tgt Ion:107 Resp: 101921
 Ion Ratio Lower Upper
 107 100
 144 24.0 21.4 32.0
 142 72.5 61.7 92.5





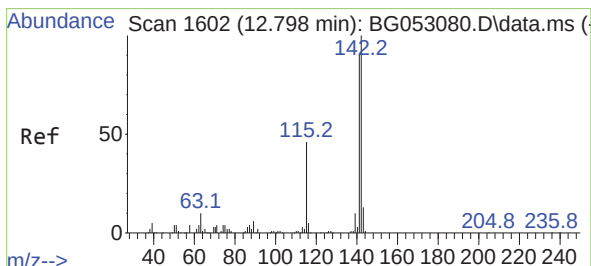
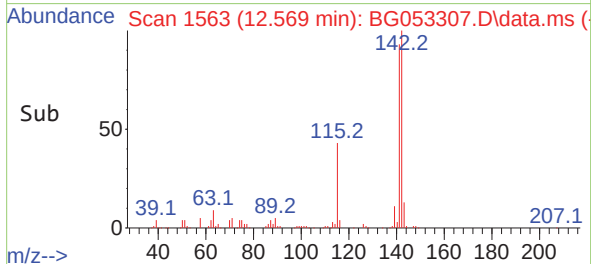
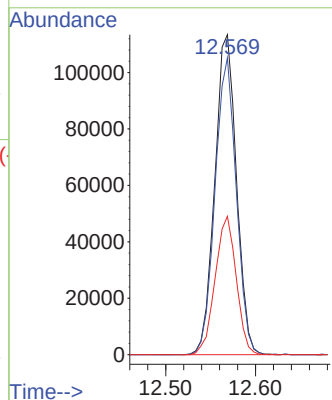
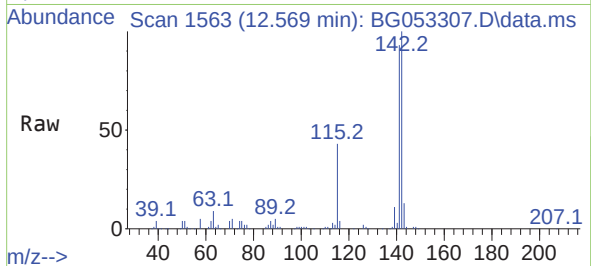
#37
2-Methylnaphthalene
Concen: 43.497 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :
BNA_G
ClientSampleId :
PB144314BS

Tgt Ion:142 Resp: 190319
Ion Ratio Lower Upper
142 100
141 92.8 71.3 106.9
115 43.2 29.5 44.3

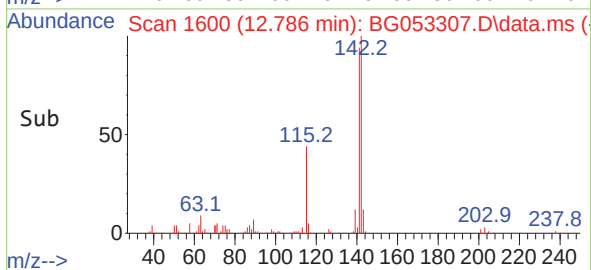
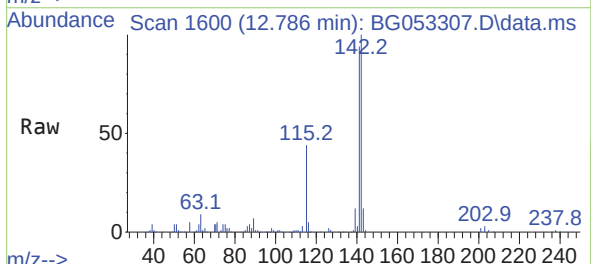
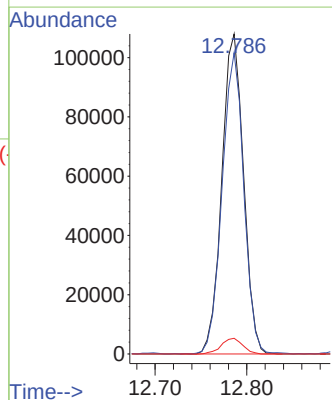
Manual Integrations
APPROVED

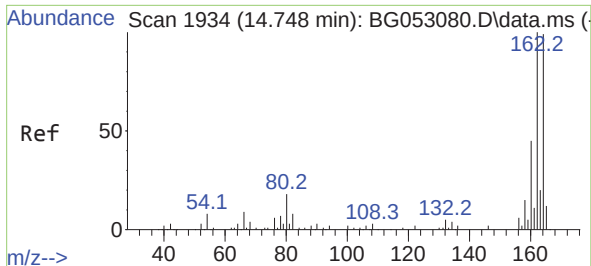
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#38
1-Methylnaphthalene
Concen: 41.619 ng m
RT: 12.786 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:142 Resp: 177750
Ion Ratio Lower Upper
142 100
141 94.1 70.5 105.7
116 4.9 3.1 4.7#





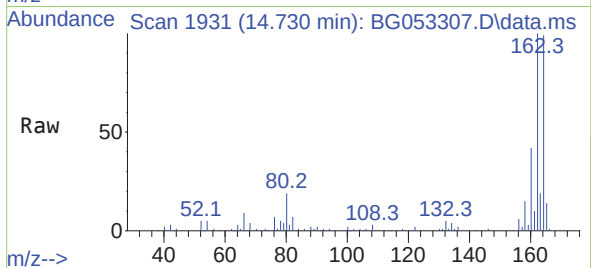
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.730 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

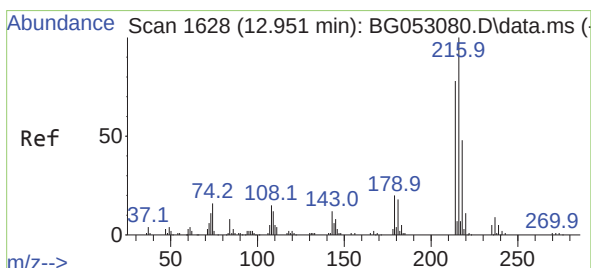
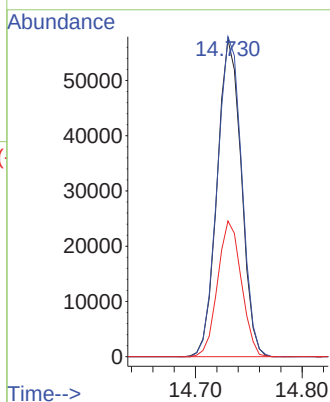
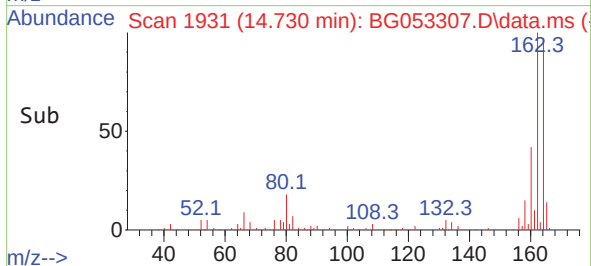


Tgt Ion:164 Resp: 90064
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 42.8 38.8 58.2

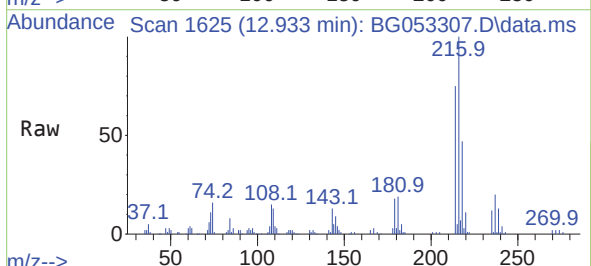
Manual Integrations

APPROVED

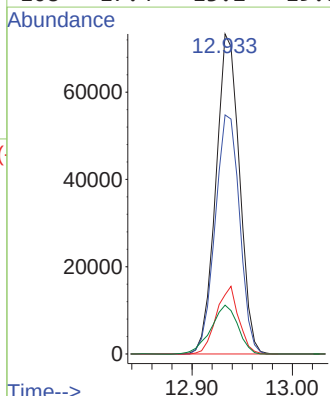
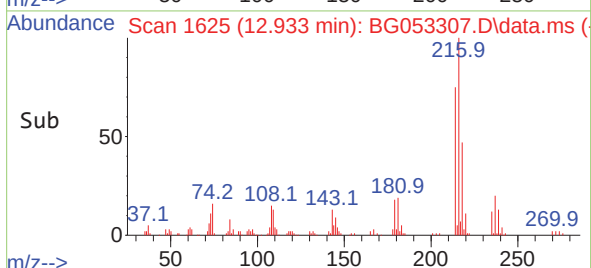
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

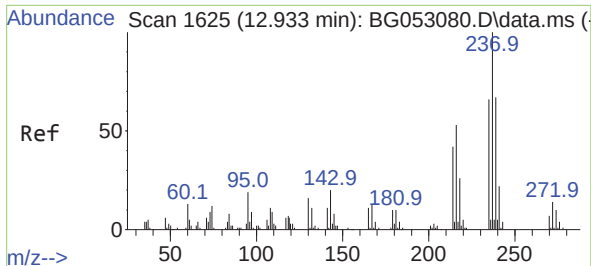


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.092 ng
RT: 12.933 min Scan# 1625
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



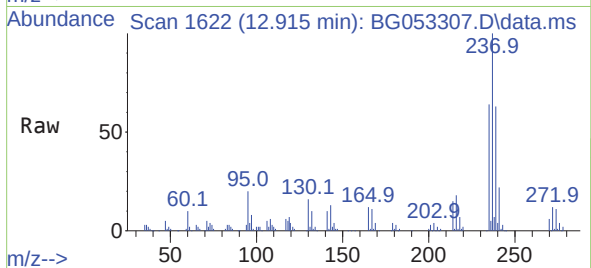
Tgt Ion:216 Resp: 119580
Ion Ratio Lower Upper
216 100
214 77.5 63.8 95.6
179 20.0 15.7 23.5
108 17.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 69.693 ng
RT: 12.915 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

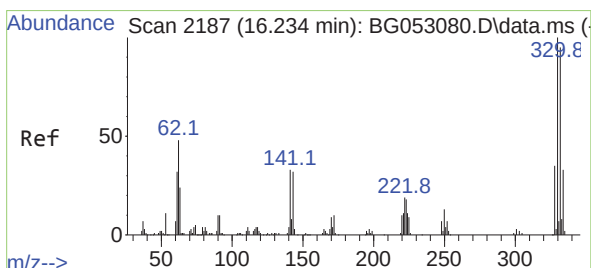
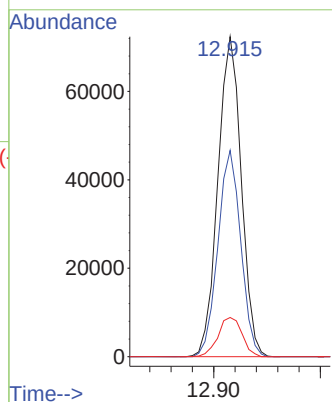
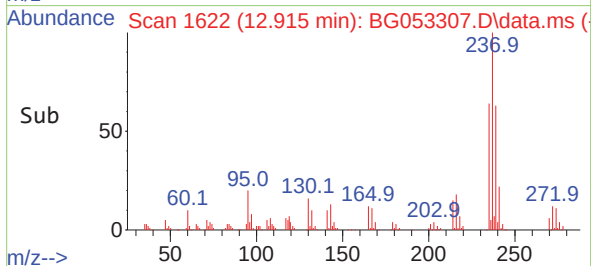
Instrument :
BNA_G
ClientSampleId :
PB144314BS



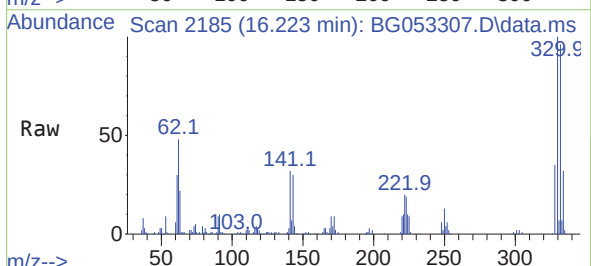
Tgt Ion:237 Resp: 110049
Ion Ratio Lower Upper
237 100
235 64.5 37.7 77.7
272 12.2 0.0 30.7

Manual Integrations
APPROVED

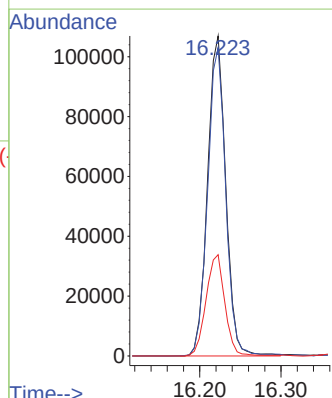
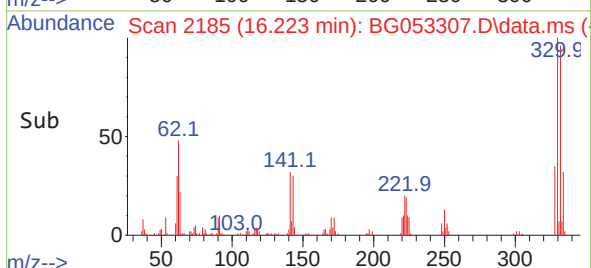
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

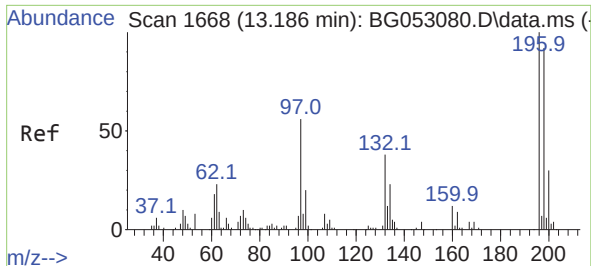


#42
2,4,6-Tribromophenol
Concen: 116.021 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion:330 Resp: 166245
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 32.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 38.486 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

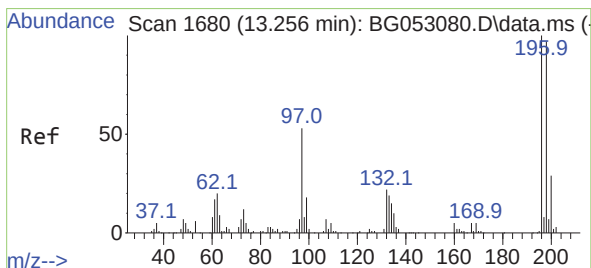
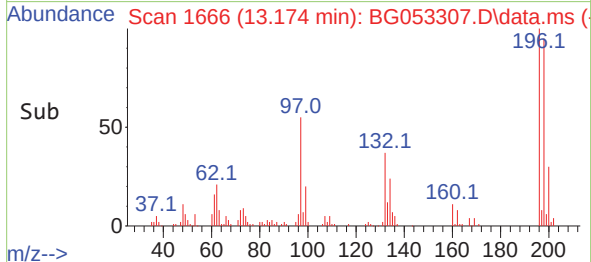
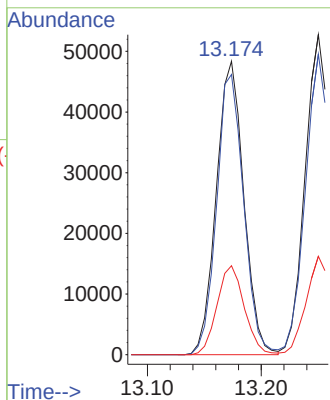
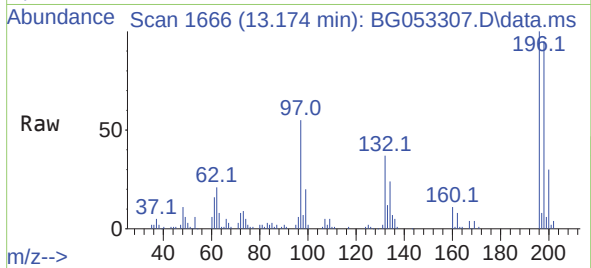
PB144314BS

Tgt Ion:196 Resp: 8116
Ion Ratio Lower Upper
196 100
198 95.5 78.8 118.2
200 30.3 25.1 37.7

Manual Integrations

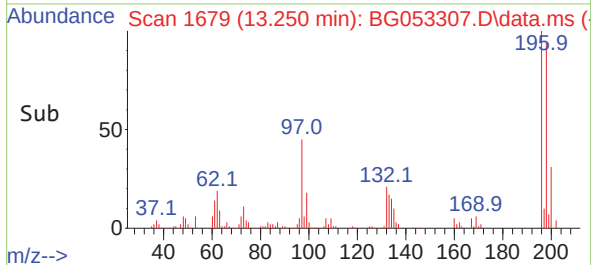
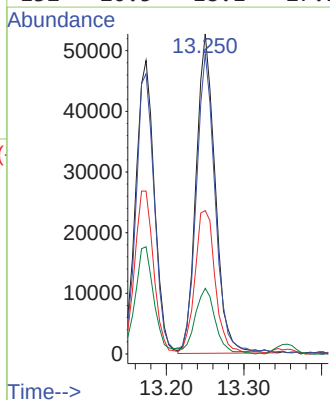
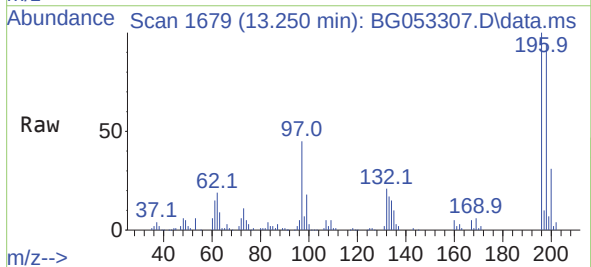
APPROVED

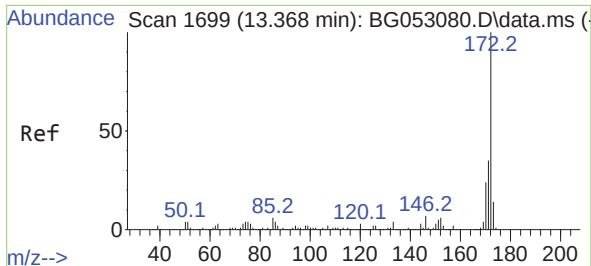
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#44
2,4,5-Trichlorophenol
Concen: 39.972 ng
RT: 13.250 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:196 Resp: 89833
Ion Ratio Lower Upper
196 100
198 93.9 75.8 113.6
97 44.8 36.5 54.7
132 20.5 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 72.968 ng
RT: 13.356 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

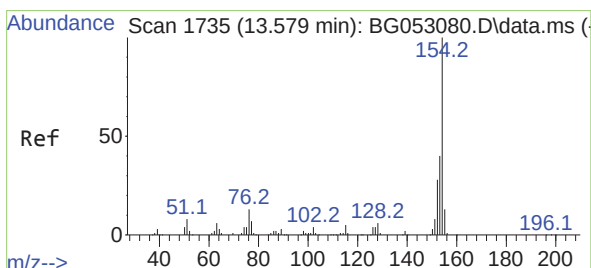
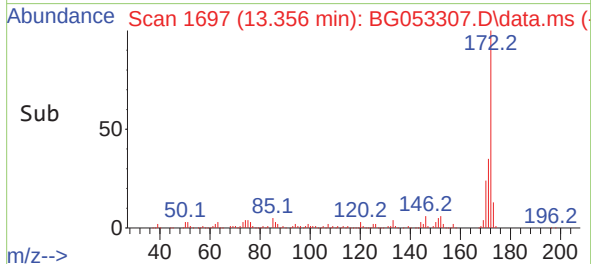
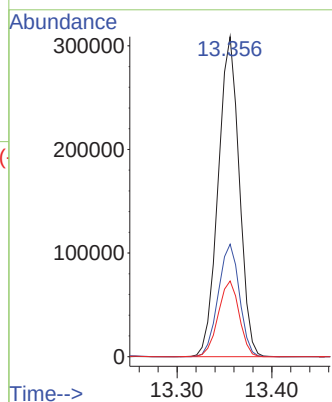
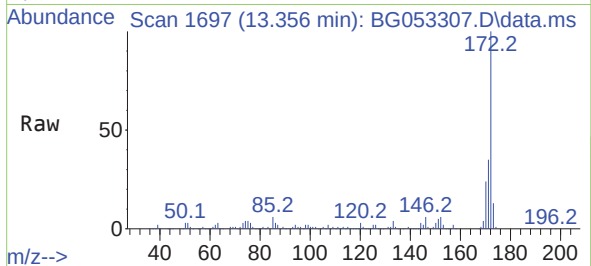
PB144314BS

Tgt Ion:172 Resp: 476590
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.7 18.0 27.0

Manual Integrations

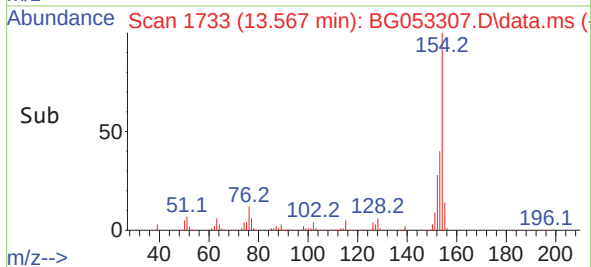
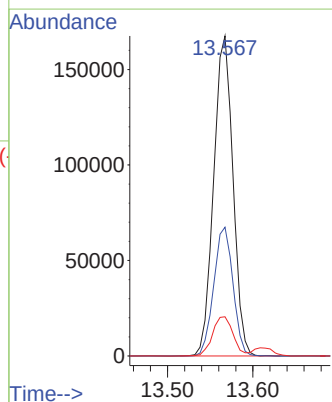
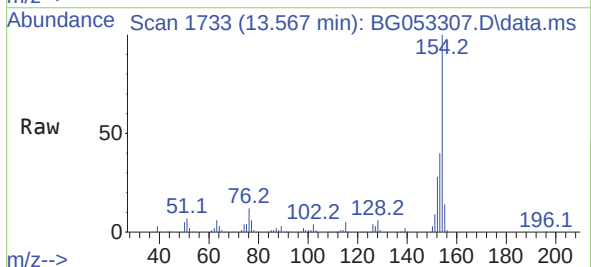
APPROVED

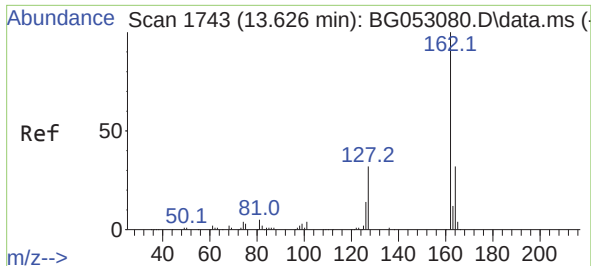
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#46
1,1'-Biphenyl
Concen: 40.518 ng
RT: 13.567 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:154 Resp: 262794
Ion Ratio Lower Upper
154 100
153 40.2 21.6 61.6
76 12.3 0.0 31.5





#47
2-Chloronaphthalene
Concen: 38.906 ng
RT: 13.614 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

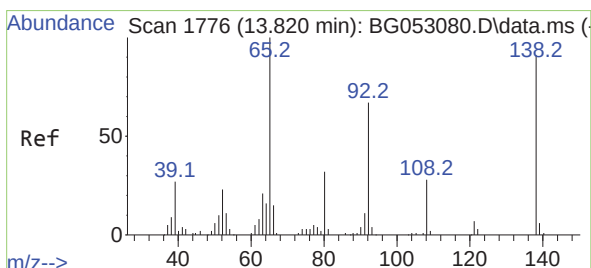
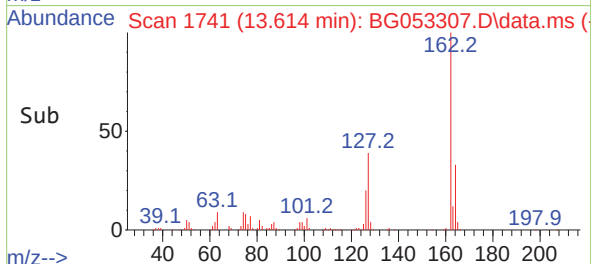
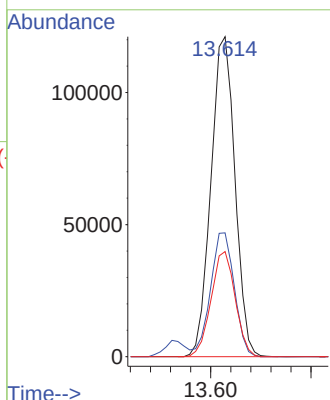
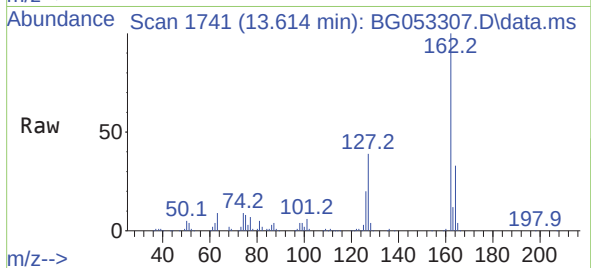
PB144314BS

Tgt Ion:162 Resp: 20132
Ion Ratio Lower Upper
162 100
127 38.7 28.1 42.1
164 32.9 26.0 39.0

Manual Integrations

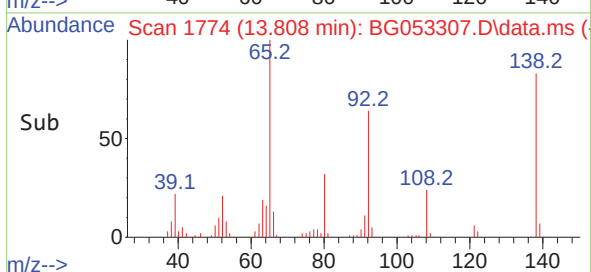
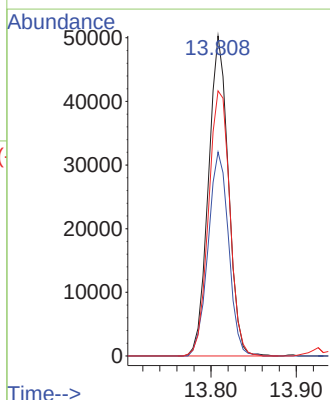
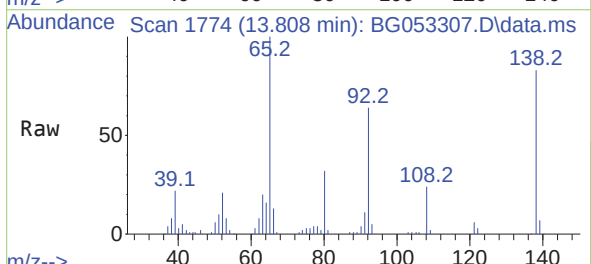
APPROVED

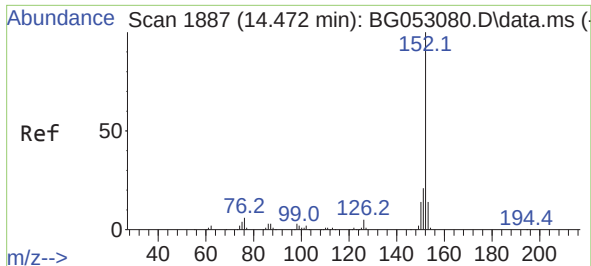
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#48
2-Nitroaniline
Concen: 41.711 ng
RT: 13.808 min Scan# 1774
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion: 65 Resp: 81909
Ion Ratio Lower Upper
65 100
92 63.7 52.1 78.1
138 82.8 80.1 120.1





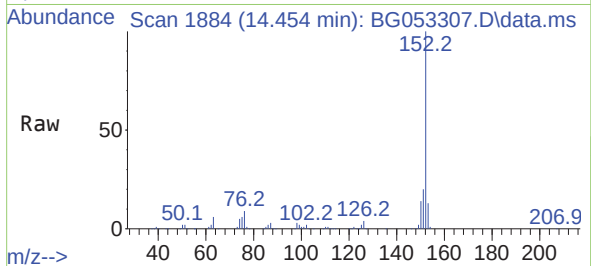
#49
Acenaphthylene
Concen: 41.755 ng
RT: 14.454 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

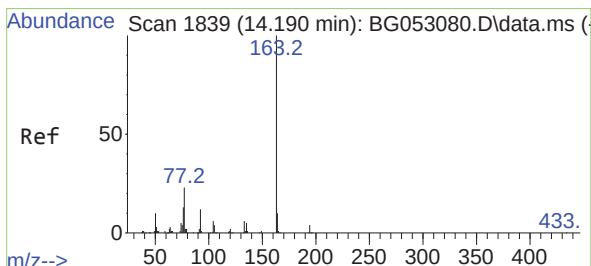
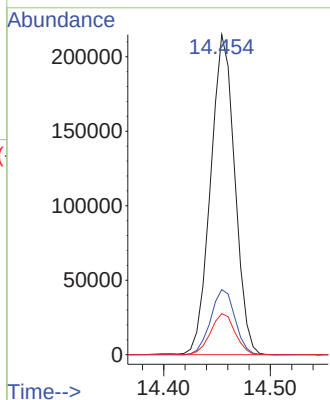
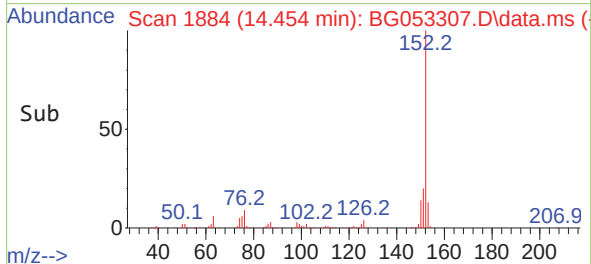


Tgt Ion:152 Resp: 338222
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 12.8 10.6 15.8

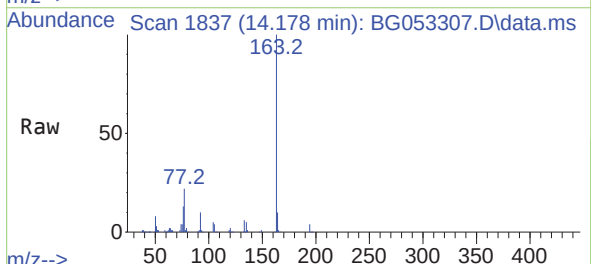
Manual Integrations

APPROVED

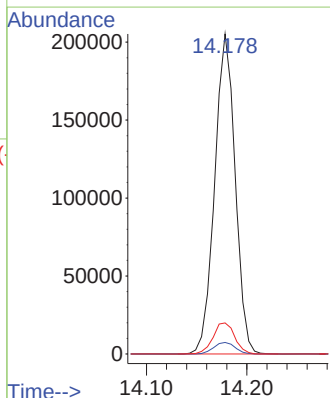
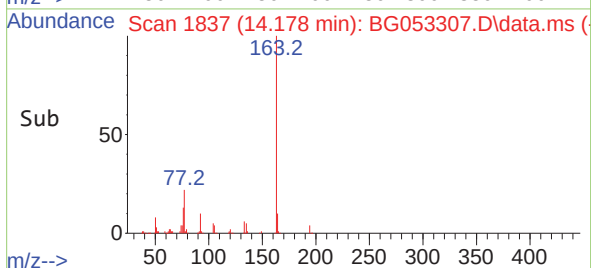
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

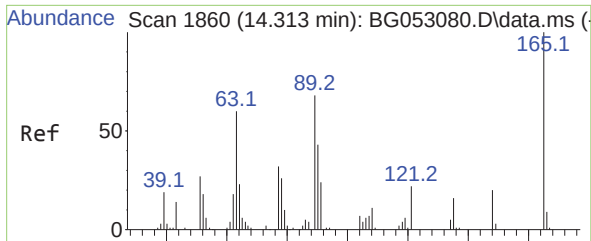


#50
Dimethylphthalate
Concen: 40.324 ng
RT: 14.178 min Scan# 1837
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion:163 Resp: 290483
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.7 8.5 12.7





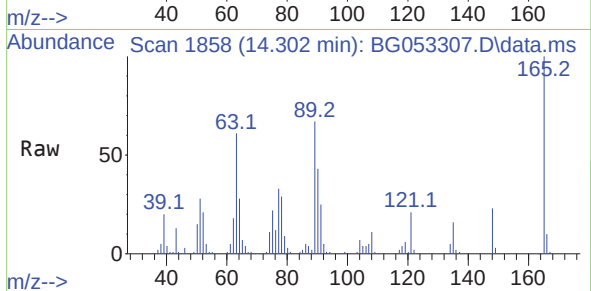
#51
2,6-Dinitrotoluene
Concen: 41.461 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

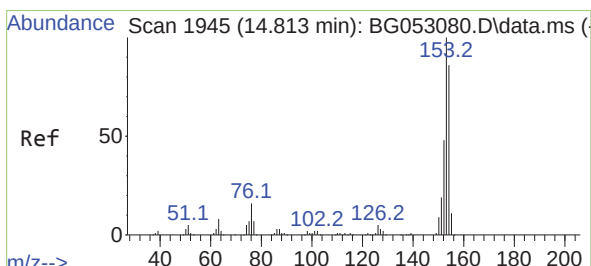
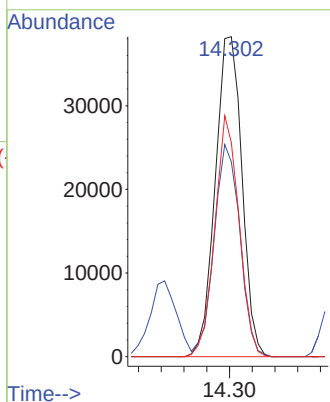
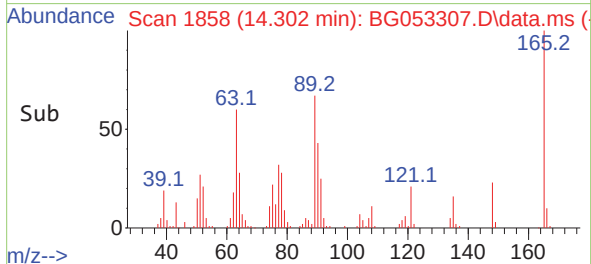


Tgt Ion:165 Resp: 62309
Ion Ratio Lower Upper
165 100
63 60.8 43.7 65.5
89 66.9 45.0 67.4

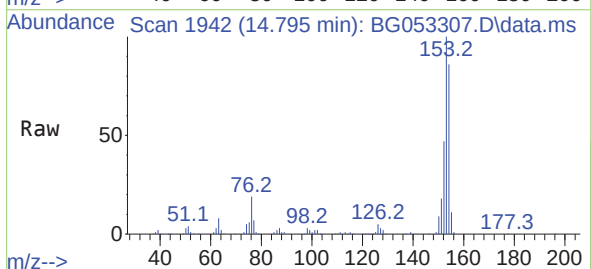
Manual Integrations

APPROVED

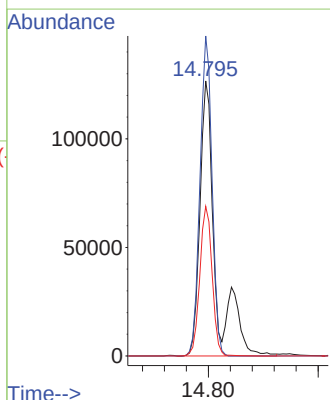
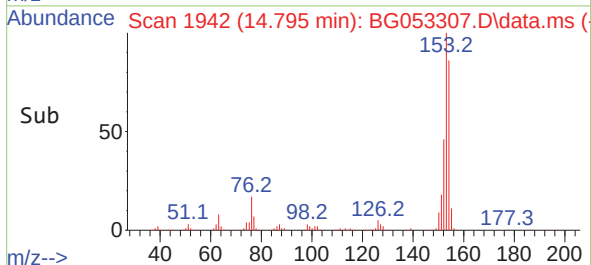
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

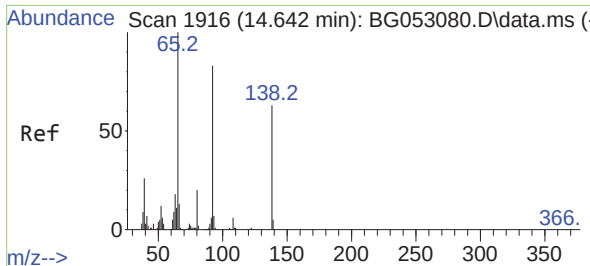


#52
Acenaphthene
Concen: 45.774 ng m
RT: 14.795 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



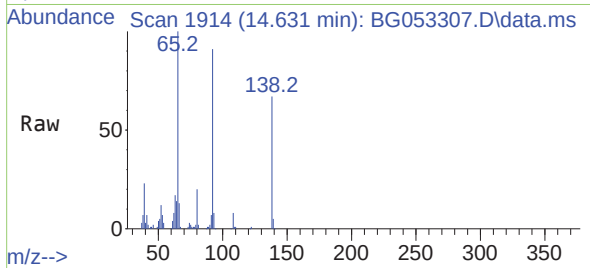
Tgt Ion:154 Resp: 251445
Ion Ratio Lower Upper
154 100
153 116.3 89.0 133.4
152 54.4 40.5 60.7





#53
3-Nitroaniline
Concen: 32.638 ng
RT: 14.631 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

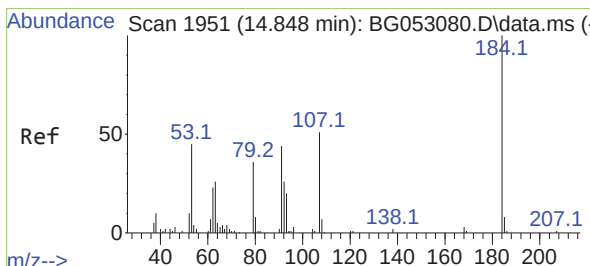
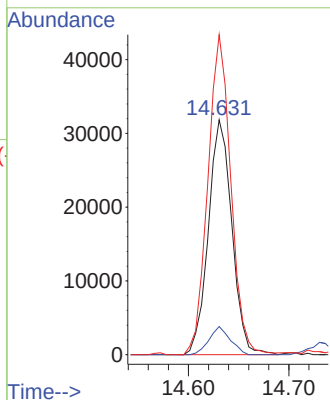
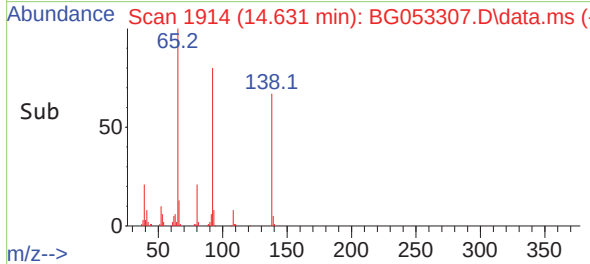
Instrument :
BNA_G
ClientSampleId :
PB144314BS



Tgt Ion:138 Resp: 51864
Ion Ratio Lower Upper
138 100
108 12.0 8.0 12.0
92 136.2 96.2 144.2

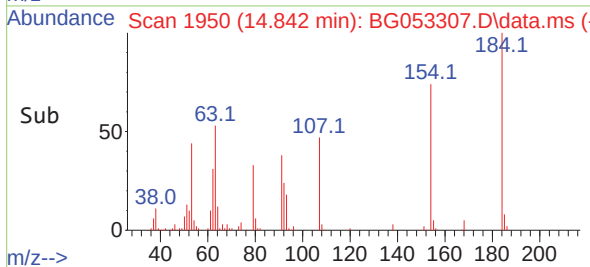
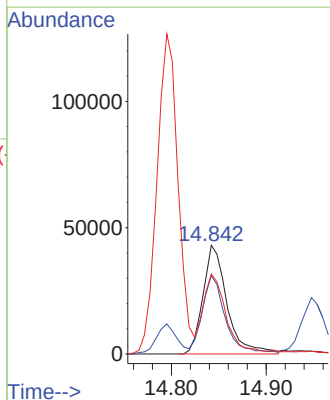
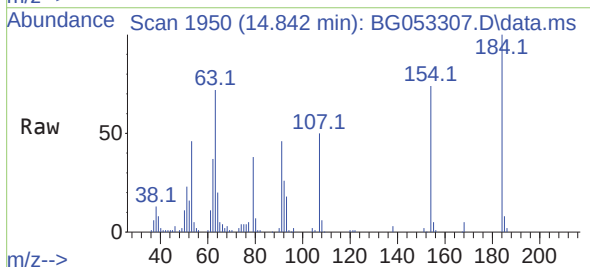
Manual Integrations
APPROVED

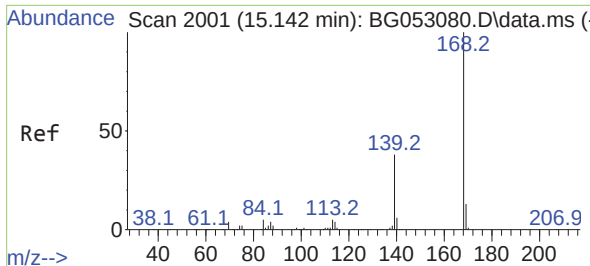
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#54
2,4-Dinitrophenol
Concen: 79.393 ng
RT: 14.842 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:184 Resp: 75917
Ion Ratio Lower Upper
184 100
63 72.1 51.8 77.6
154 73.7 47.8 71.6#





#55
Dibenzenofuran
Concen: 39.134 ng
RT: 15.130 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

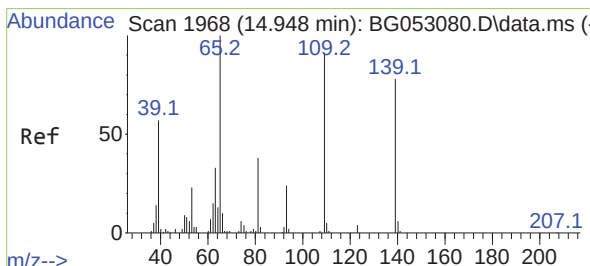
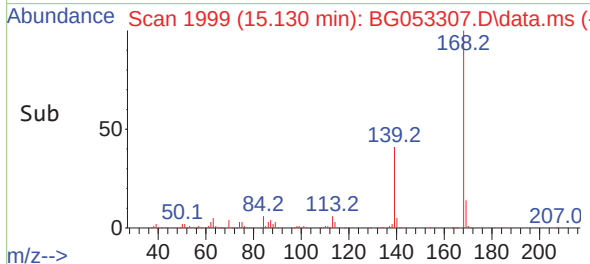
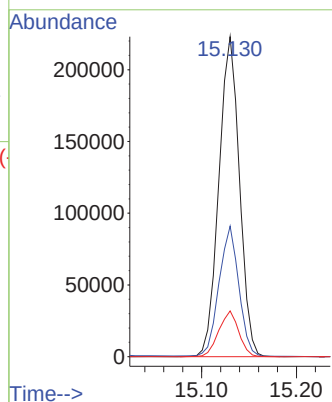
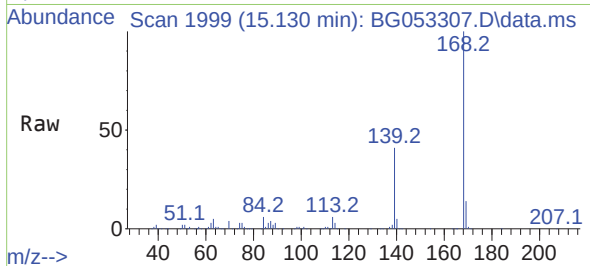
PB144314BS

Tgt Ion:168 Resp: 336600
Ion Ratio Lower Upper
168 100
139 40.8 30.2 45.4
169 14.3 10.7 16.1

Manual Integrations

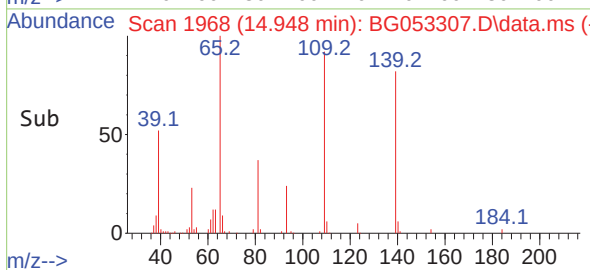
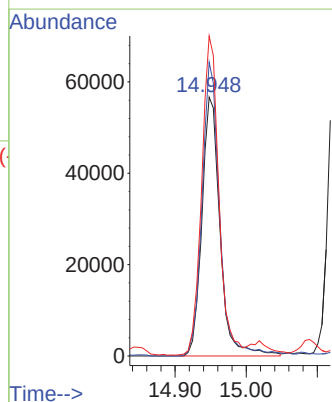
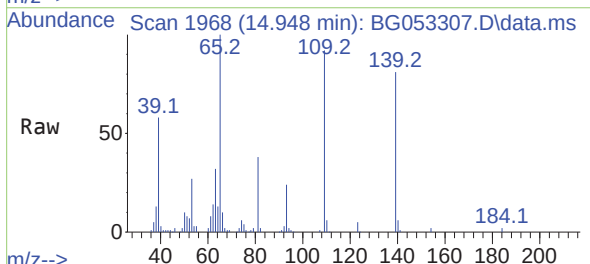
APPROVED

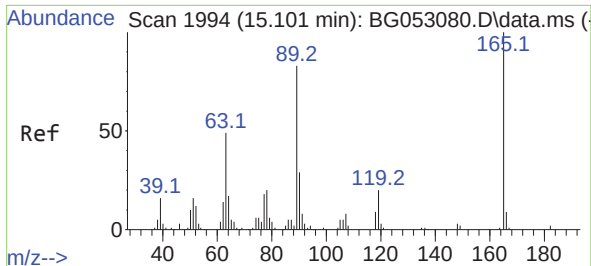
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#56
4-Nitrophenol
Concen: 83.028 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:139 Resp: 100626
Ion Ratio Lower Upper
139 100
109 113.4 67.1 107.1#
65 123.6 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 43.600 ng
RT: 15.089 min Scan# 1992
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

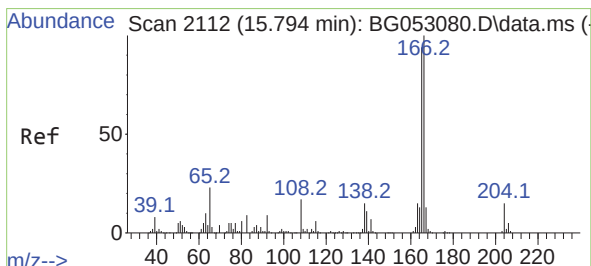
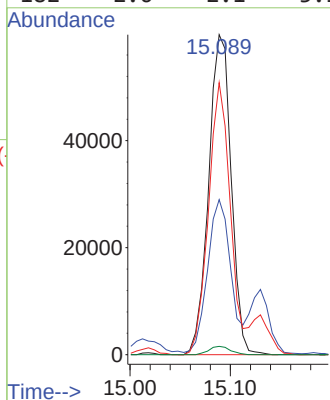
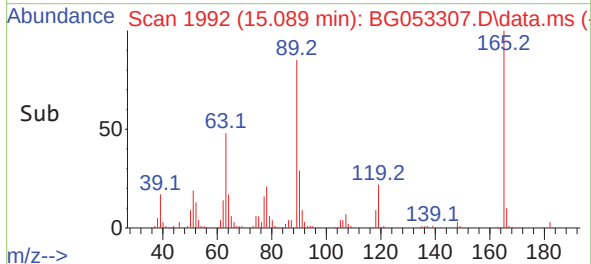
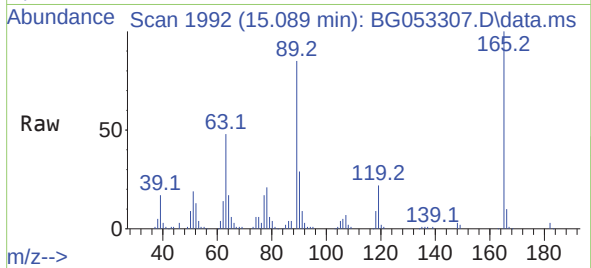
PB144314BS

Tgt Ion:165 Resp: 93284
Ion Ratio Lower Upper
165 100
63 48.4 34.8 52.2
89 85.0 57.4 86.0
182 2.6 2.1 3.1

Manual Integrations

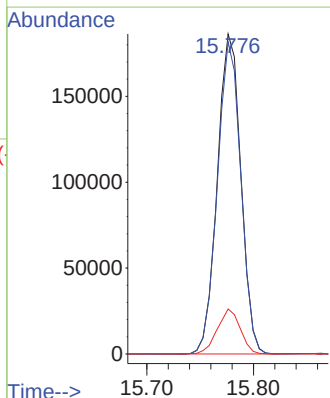
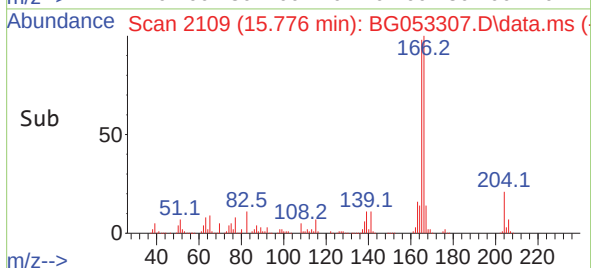
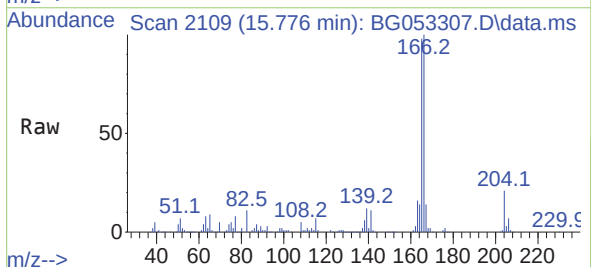
APPROVED

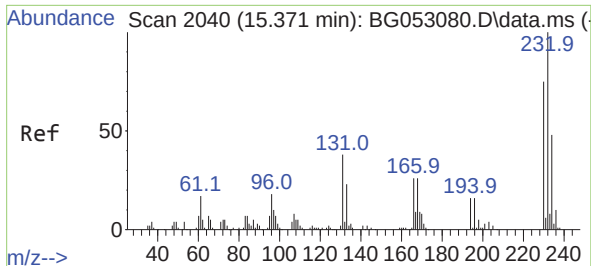
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#58
Fluorene
Concen: 41.082 ng
RT: 15.776 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:166 Resp: 285403
Ion Ratio Lower Upper
166 100
165 97.6 78.6 117.8
167 14.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.503 ng
RT: 15.359 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

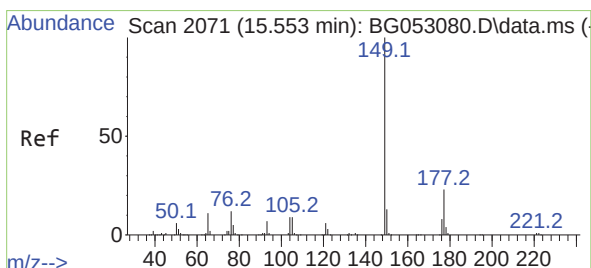
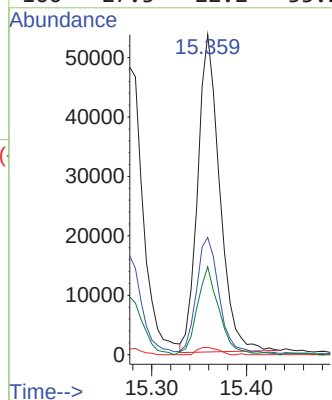
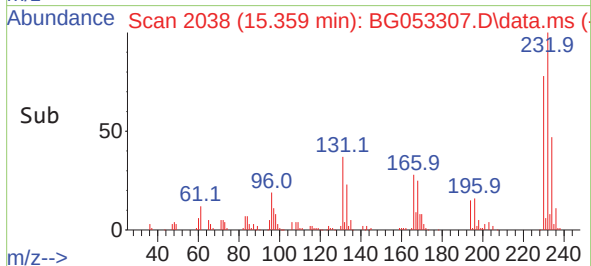
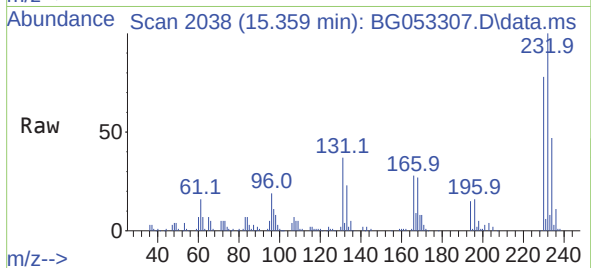
PB144314BS

Tgt Ion:232 Resp: 8621
Ion Ratio Lower Upper
232 100
131 38.1 30.1 45.1
130 2.2 1.8 2.8
166 27.3 22.2 33.2

Manual Integrations

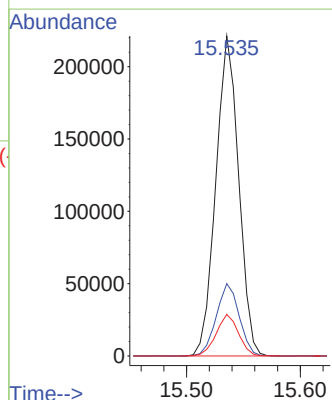
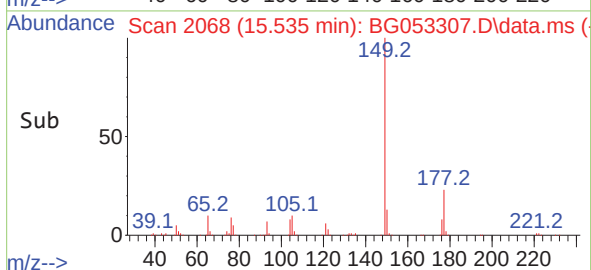
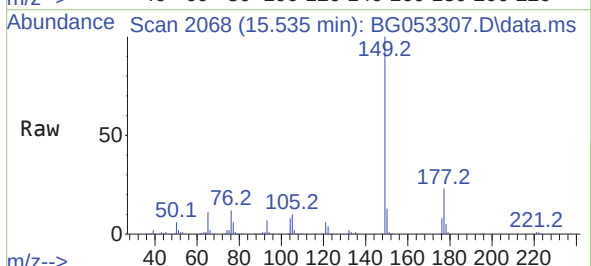
APPROVED

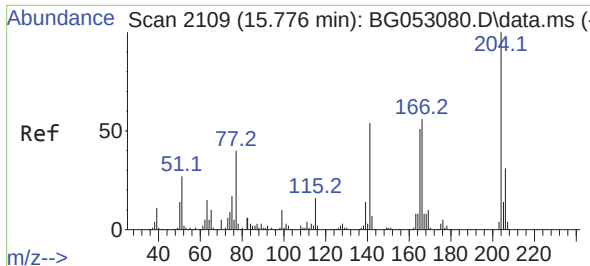
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#60
Diethylphthalate
Concen: 40.888 ng
RT: 15.535 min Scan# 2068
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:149 Resp: 308604
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.917 ng
RT: 15.764 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

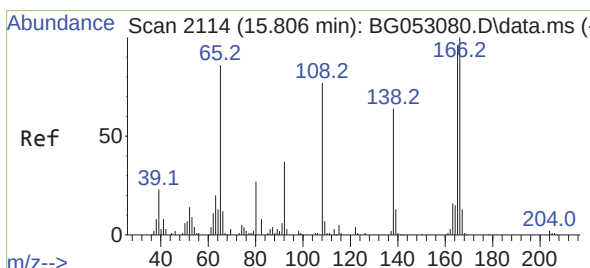
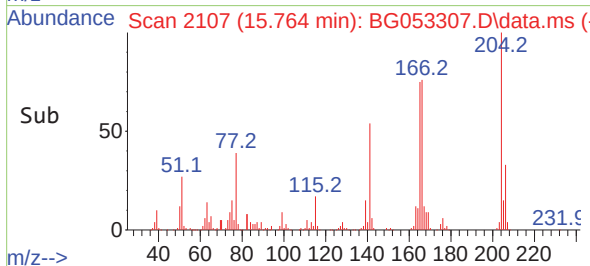
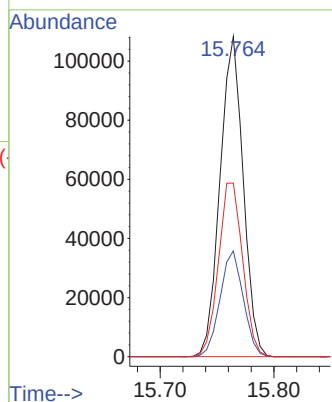
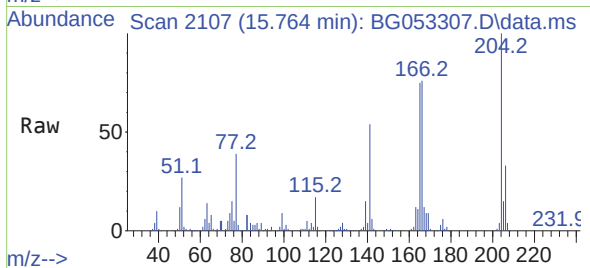
PB144314BS

Tgt Ion:204 Resp: 153258
Ion Ratio Lower Upper
204 100
206 33.0 28.3 42.5
141 54.3 45.8 68.8

Manual Integrations

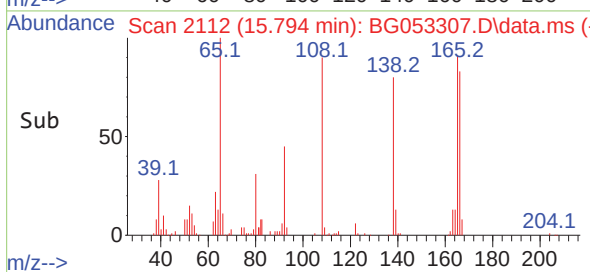
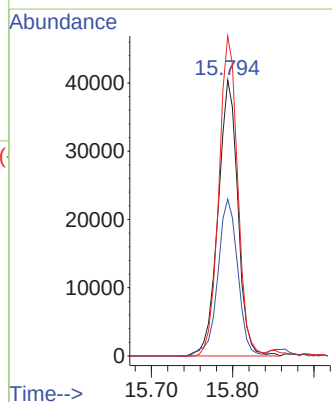
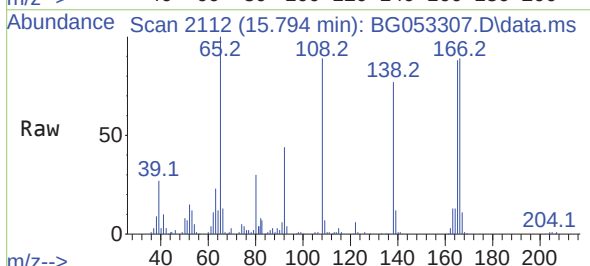
APPROVED

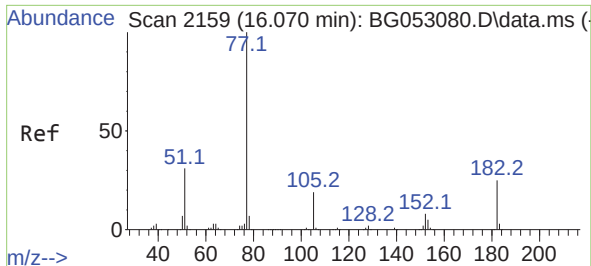
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#62
4-Nitroaniline
Concen: 40.832 ng
RT: 15.794 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:138 Resp: 68469
Ion Ratio Lower Upper
138 100
92 56.8 33.3 73.3
108 116.0 74.2 114.2#





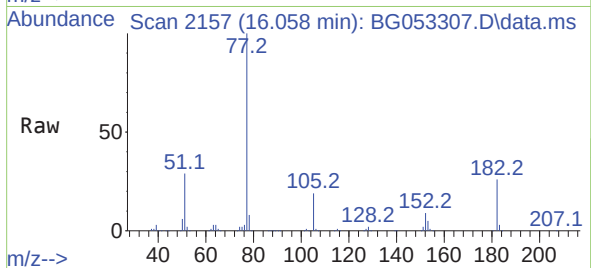
#63
Azobenzene
Concen: 39.939 ng
RT: 16.058 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB144314BS

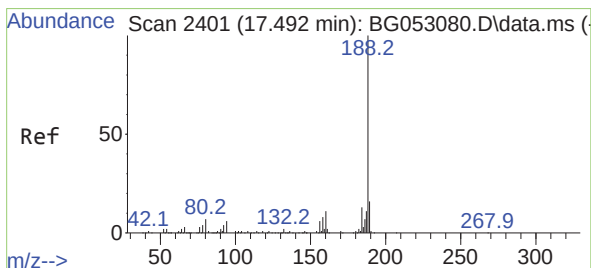
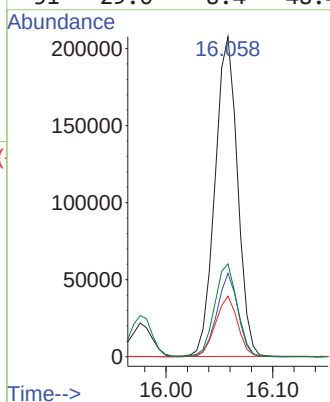
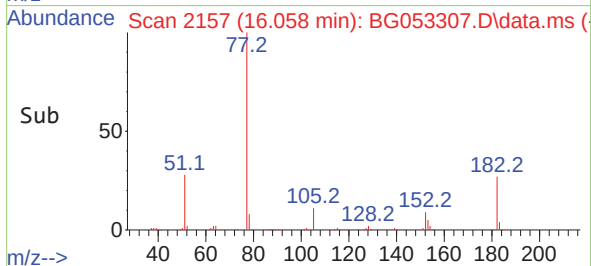


Tgt Ion: 77 Resp: 30392
Ion Ratio Lower Upper
77 100
182 26.0 5.6 45.6
105 18.9 0.0 38.8
51 29.0 8.4 48.4

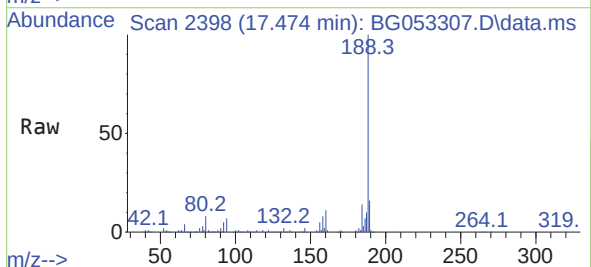
Manual Integrations

APPROVED

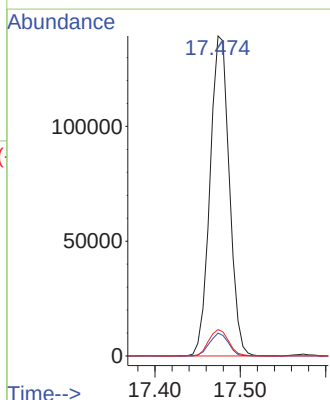
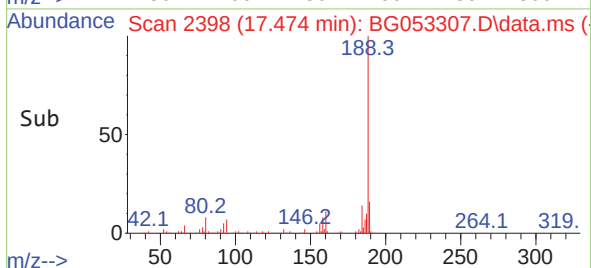
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

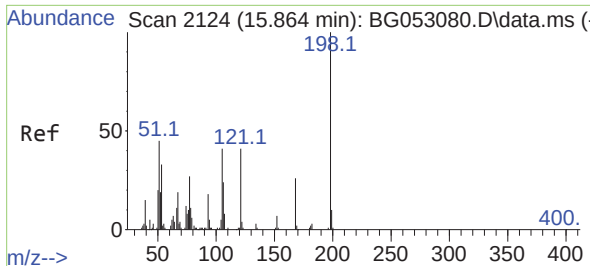


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion:188 Resp: 219244
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.2 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 38.004 ng
RT: 15.858 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

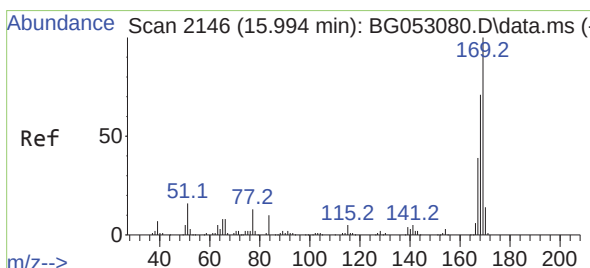
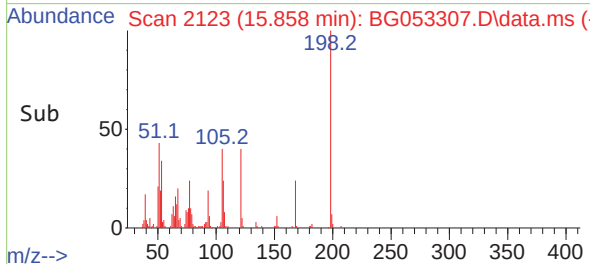
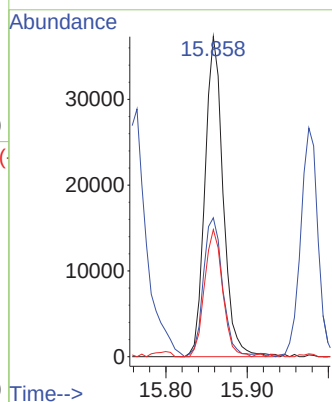
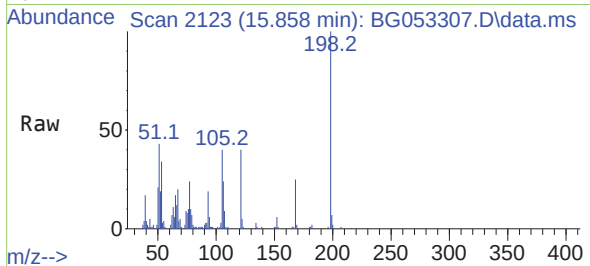
ClientSampleId :

PB144314BS

Tgt Ion:198 Resp: 5813
Ion Ratio Lower Upper
198 100
51 43.4 21.7 61.7
105 39.7 20.8 60.8

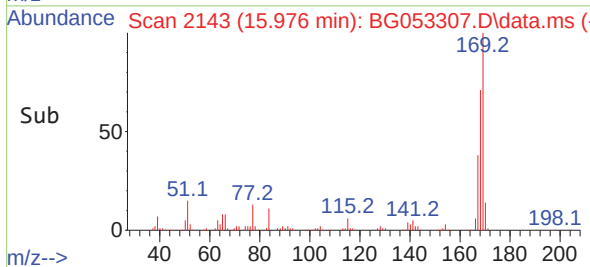
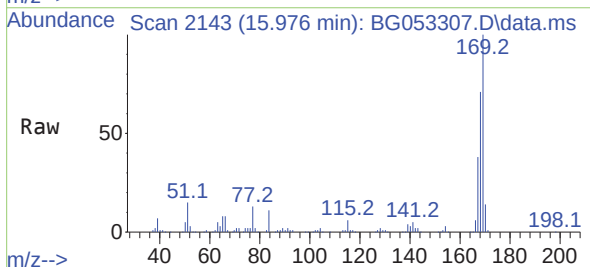
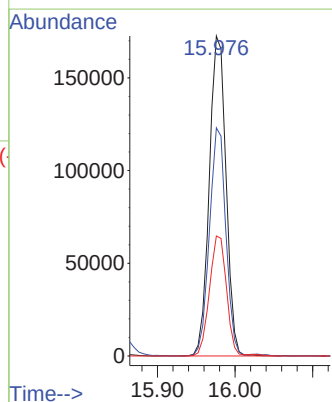
Manual Integrations
APPROVED

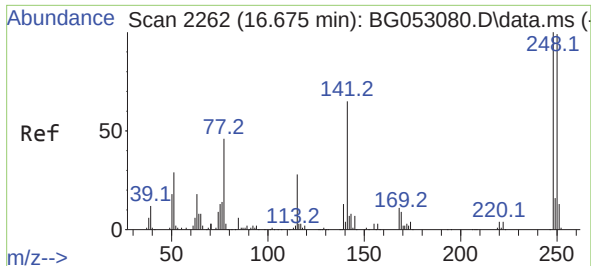
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#66
n-Nitrosodiphenylamine
Concen: 40.972 ng
RT: 15.976 min Scan# 2143
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:169 Resp: 258315
Ion Ratio Lower Upper
169 100
168 71.3 54.5 81.7
167 37.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 39.910 ng
RT: 16.657 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

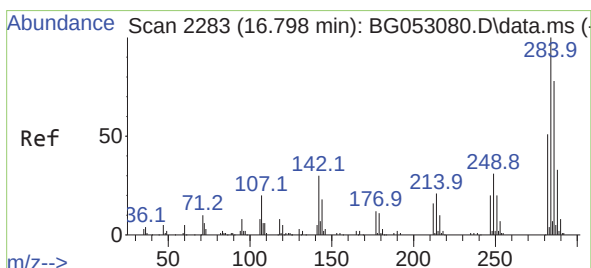
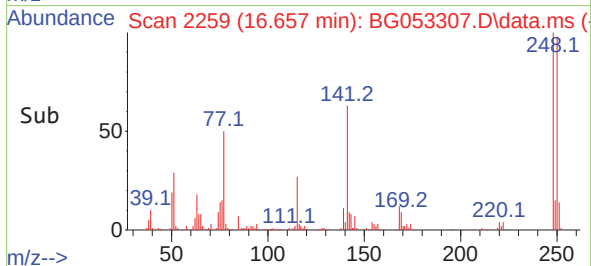
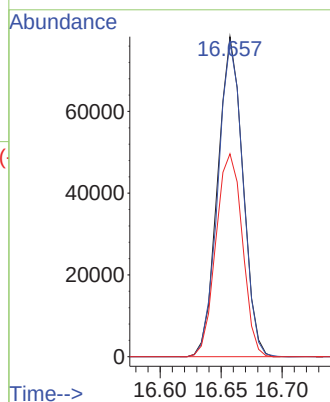
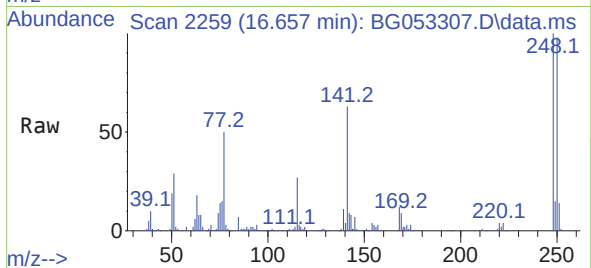
PB144314BS

Tgt Ion:248 Resp: 112118
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 63.4 49.2 73.8

Manual Integrations

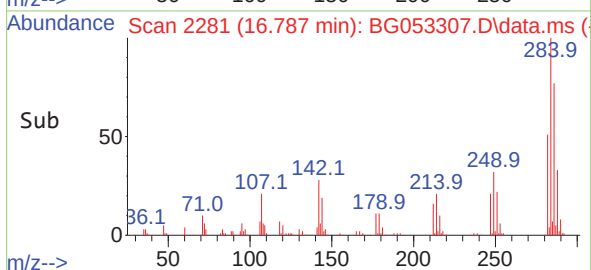
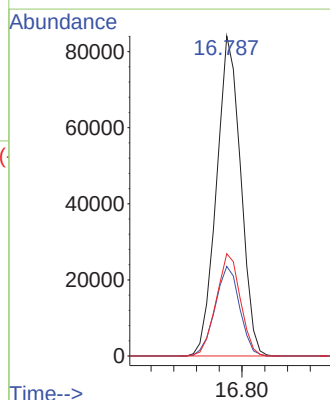
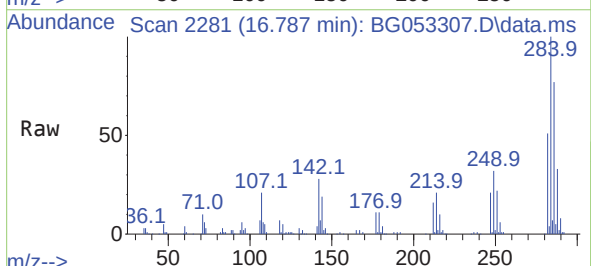
APPROVED

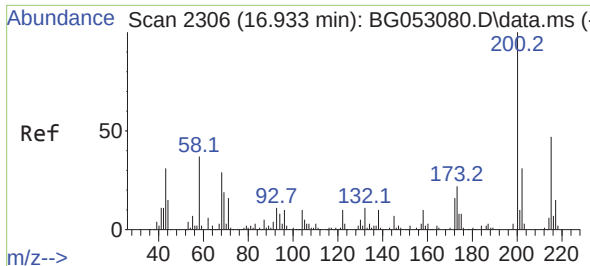
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#68
Hexachlorobenzene
Concen: 40.840 ng
RT: 16.787 min Scan# 2281
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:284 Resp: 124250
Ion Ratio Lower Upper
284 100
142 28.0 21.0 31.4
249 32.0 22.7 34.1





#69
 Atrazine
 Concen: 47.329 ng
 RT: 16.922 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053307.D
 Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

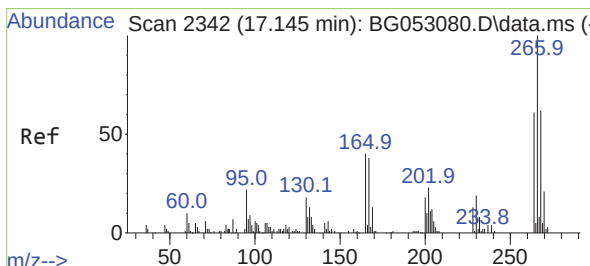
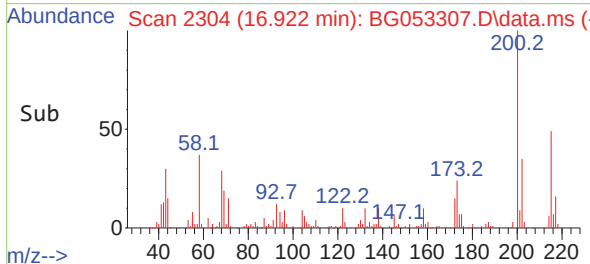
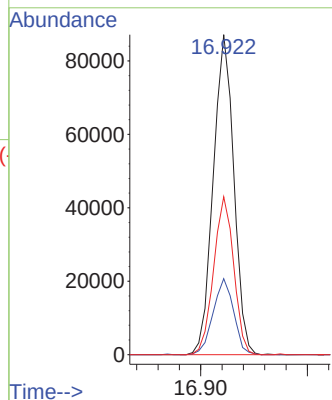
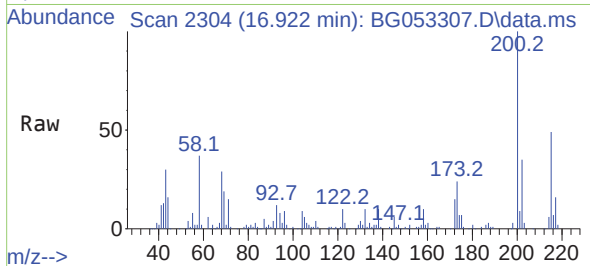
ClientSampleId :

PB144314BS

Tgt Ion:200 Resp: 11656
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.8 43.8
 215 49.4 26.3 66.3

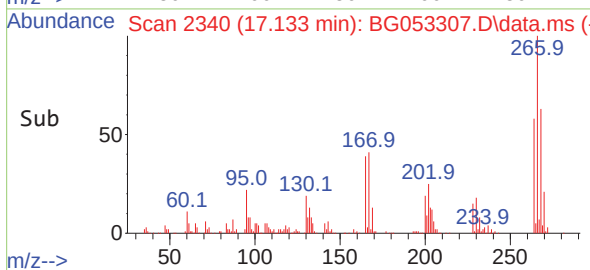
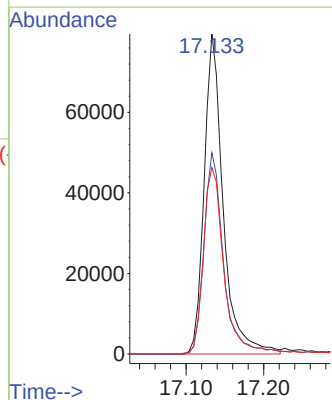
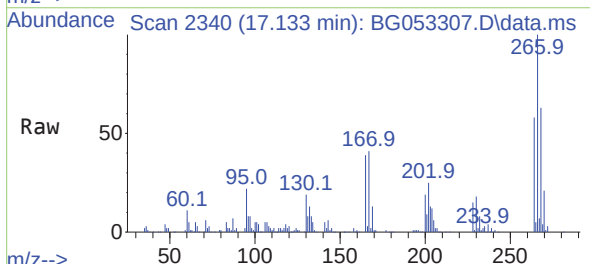
Manual Integrations
 APPROVED

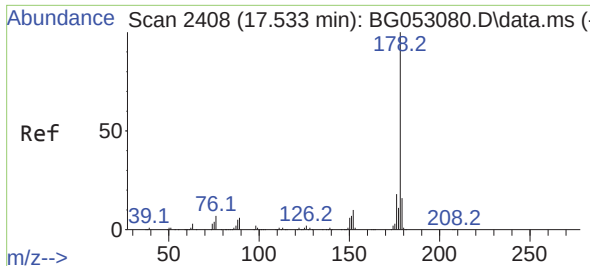
Reviewed By :Christian Giraldo 04/26/2022
 Supervised By :Jagrut Upadhyay 04/26/2022



#70
 Pentachlorophenol
 Concen: 81.350 ng
 RT: 17.133 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053307.D
 Acq: 25 Apr 2022 13:42

Tgt Ion:266 Resp: 135261
 Ion Ratio Lower Upper
 266 100
 268 62.9 45.9 68.9
 264 58.3 45.3 67.9





#71
Phenanthrene
Concen: 41.829 ng
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

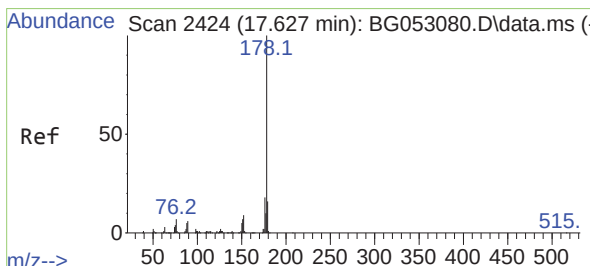
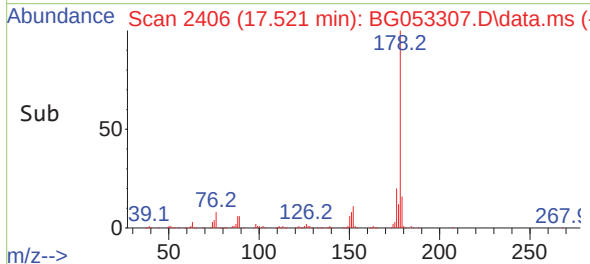
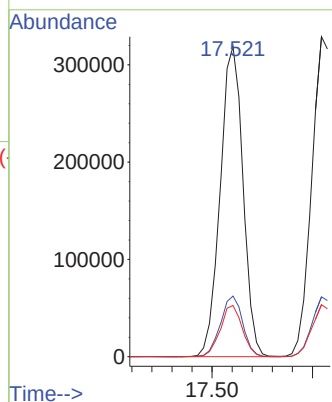
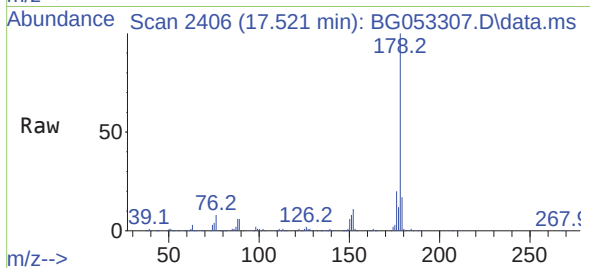
PB144314BS

Tgt Ion:178 Resp: 50092
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.5 13.4 20.2

Manual Integrations

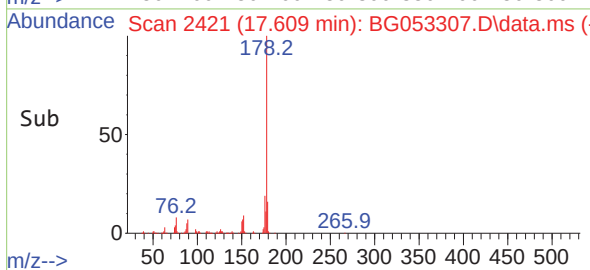
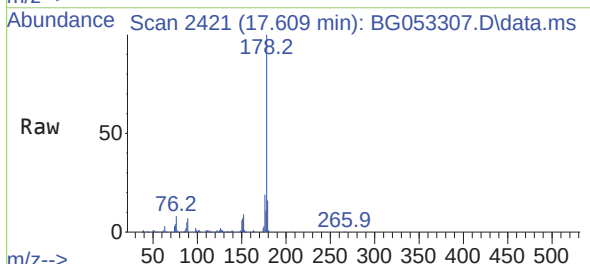
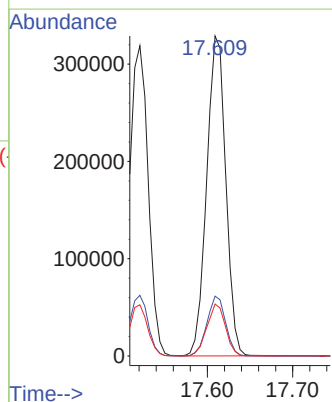
APPROVED

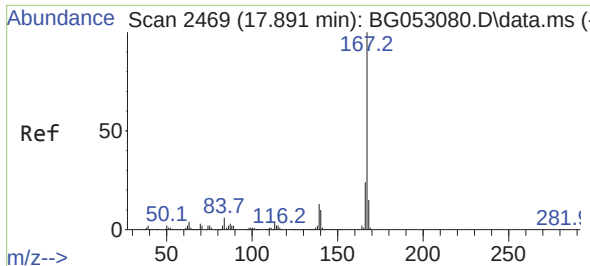
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#72
Anthracene
Concen: 43.117 ng
RT: 17.609 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:178 Resp: 511545
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 16.2 13.2 19.8





#73
Carbazole
Concen: 41.204 ng
RT: 17.879 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

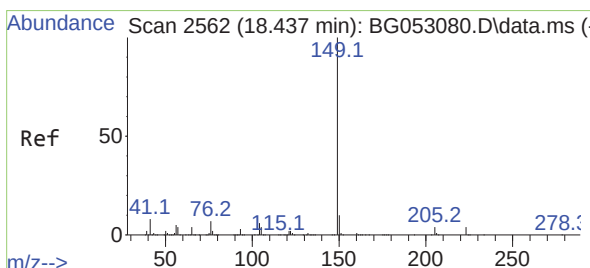
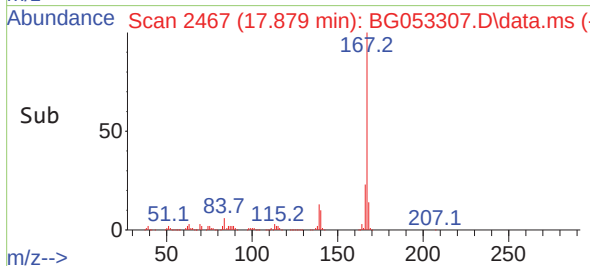
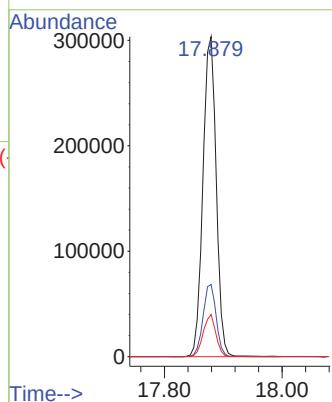
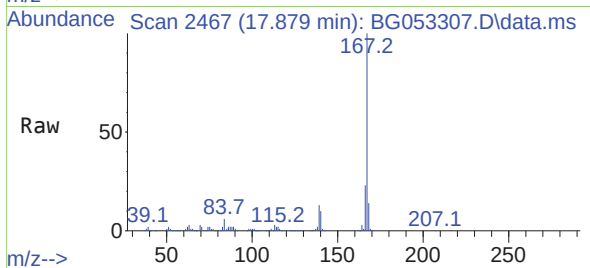
PB144314BS

Tgt Ion:167 Resp: 475189
Ion Ratio Lower Upper
167 100
166 22.5 18.5 27.7
139 13.2 10.0 15.0

Manual Integrations

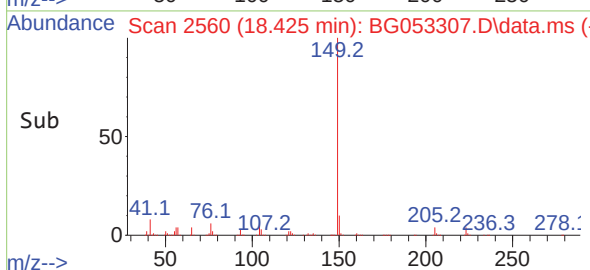
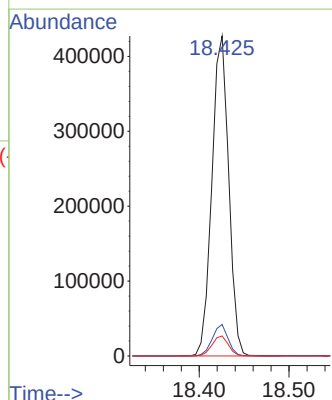
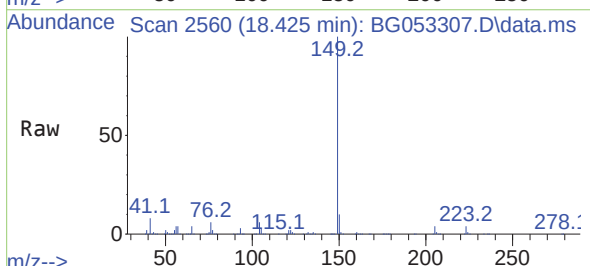
APPROVED

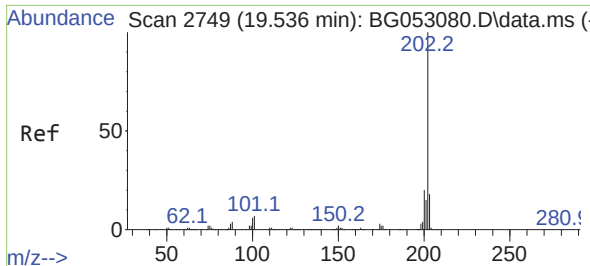
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#74
Di-n-butylphthalate
Concen: 42.435 ng
RT: 18.425 min Scan# 2560
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

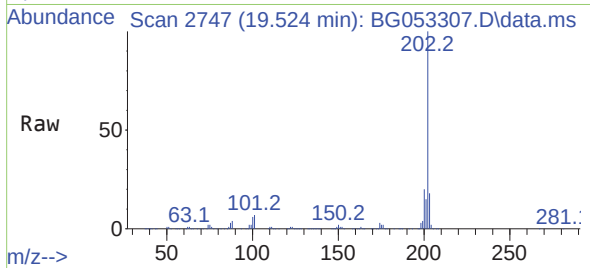
Tgt Ion:149 Resp: 555027
Ion Ratio Lower Upper
149 100
150 9.9 7.0 10.6
104 6.3 4.6 7.0





#75
Fluoranthene
Concen: 41.305 ng
RT: 19.524 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

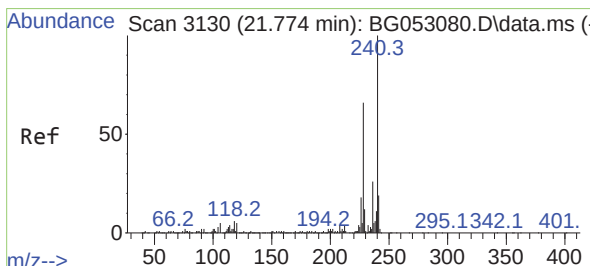
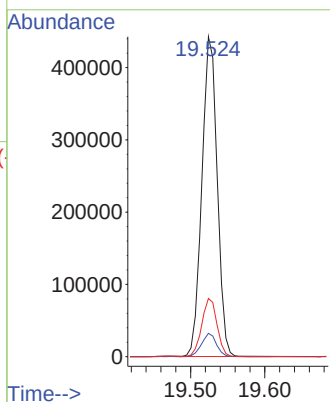
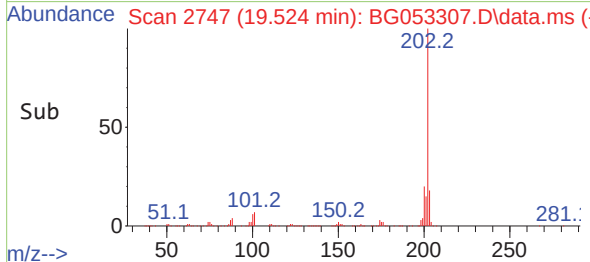
Instrument :
BNA_G
ClientSampleId :
PB144314BS



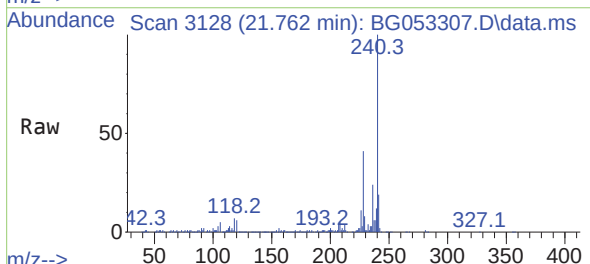
Tgt Ion:202 Resp: 63405
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.3
203 18.2 0.0 37.7

Manual Integrations
APPROVED

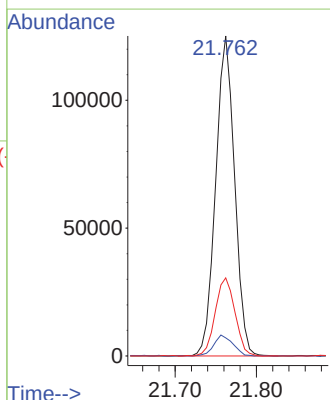
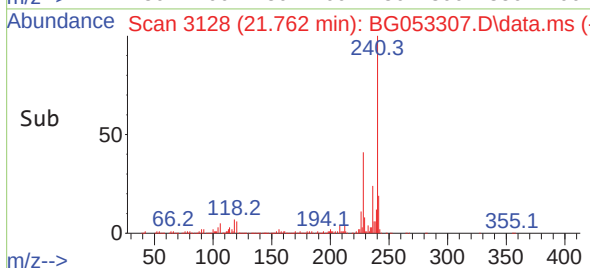
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

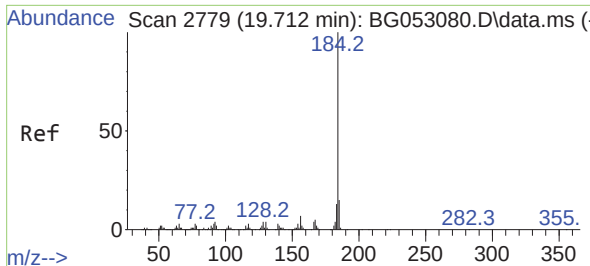


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



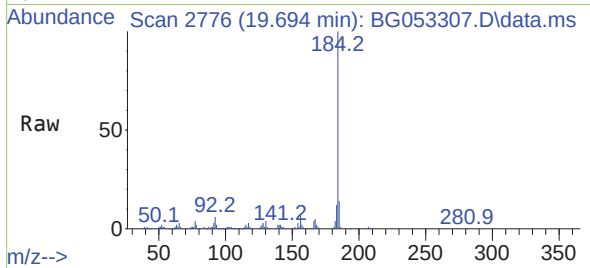
Tgt Ion:240 Resp: 202589
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 24.4 19.8 29.6





#77
Benzidine
Concen: 44.547 ng
RT: 19.694 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

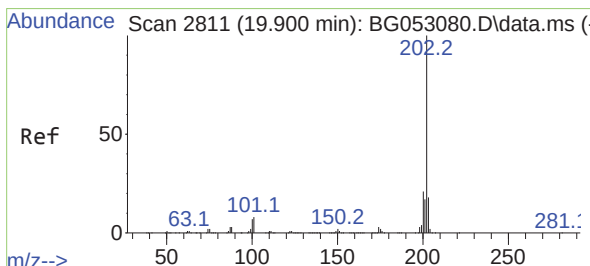
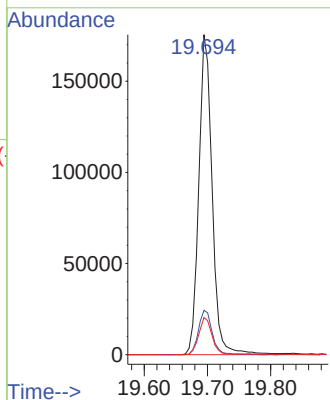
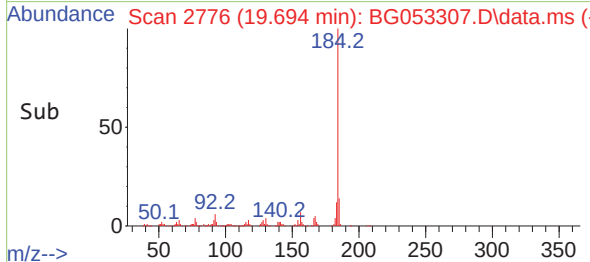
Instrument :
BNA_G
ClientSampleId :
PB144314BS



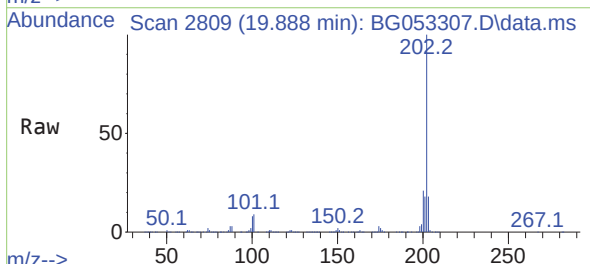
Tgt Ion:184 Resp: 25748
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.6 9.4 14.2

Manual Integrations
APPROVED

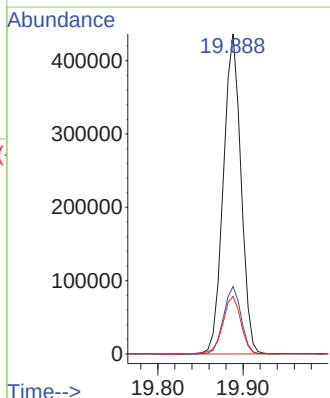
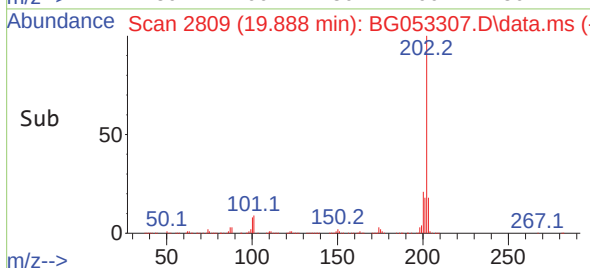
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

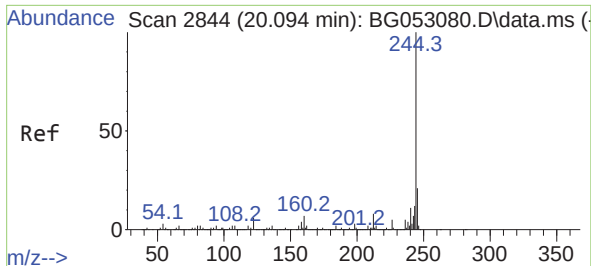


#78
Pyrene
Concen: 43.361 ng
RT: 19.888 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42



Tgt Ion:202 Resp: 625624
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 18.0 15.0 22.6





#79
Terphenyl-d14
Concen: 81.183 ng
RT: 20.076 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

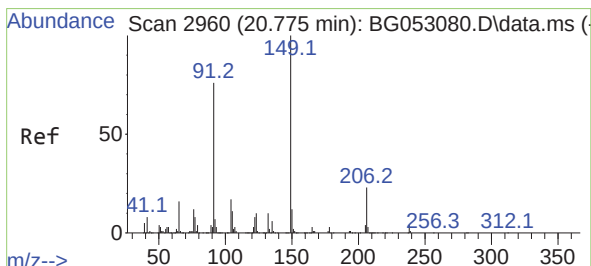
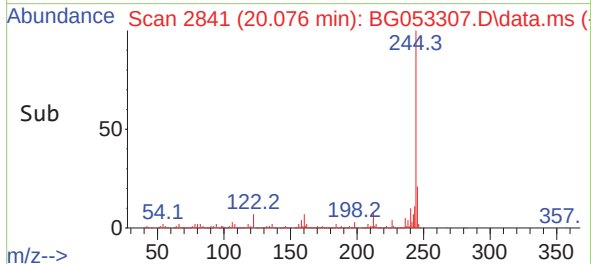
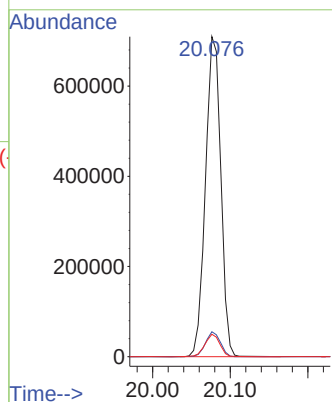
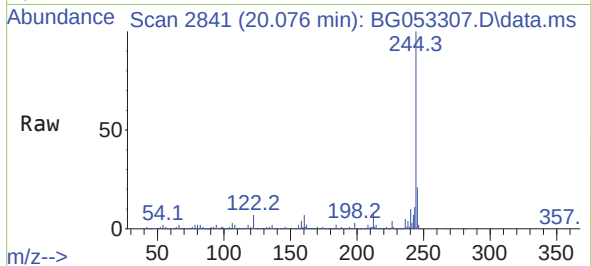
PB144314BS

Tgt Ion:244 Resp: 973810
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 7.0 5.8 8.6

Manual Integrations

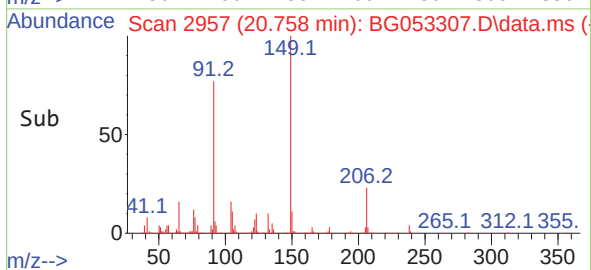
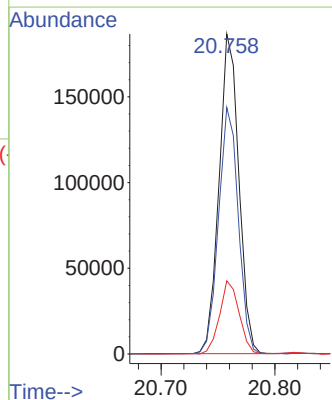
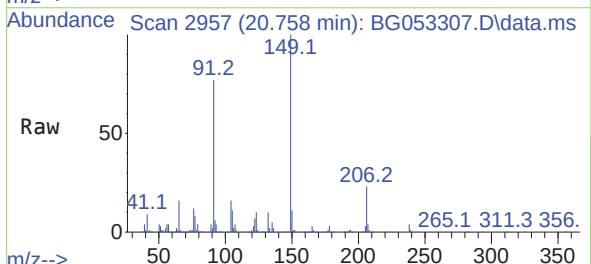
APPROVED

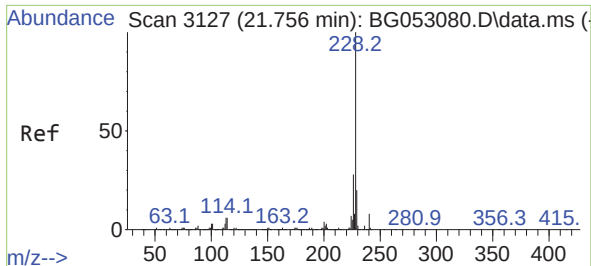
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#80
Butylbenzylphthalate
Concen: 41.984 ng
RT: 20.758 min Scan# 2957
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

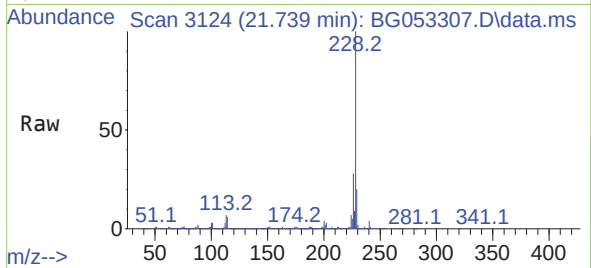
Tgt Ion:149 Resp: 225838
Ion Ratio Lower Upper
149 100
91 77.1 60.2 90.4
206 22.9 19.4 29.2





#81
Benzo(a)anthracene
Concen: 40.948 ng
RT: 21.739 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

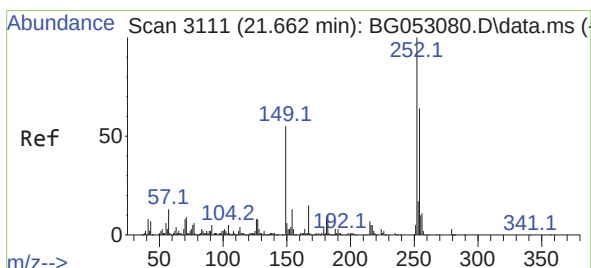
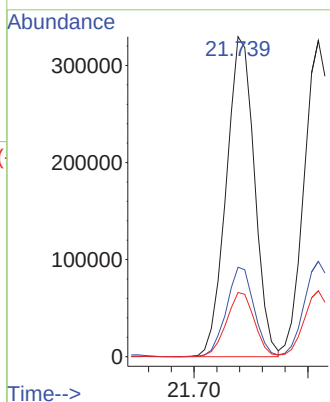
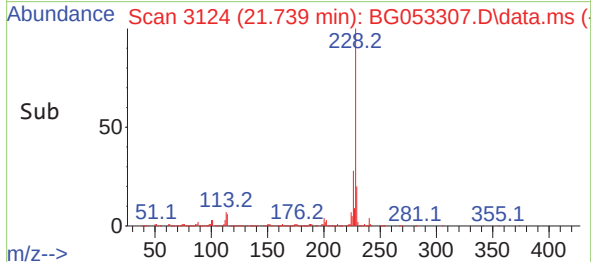
Instrument :
BNA_G
ClientSampleId :
PB144314BS



Tgt Ion:228 Resp: 56719
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.1 16.7 25.1

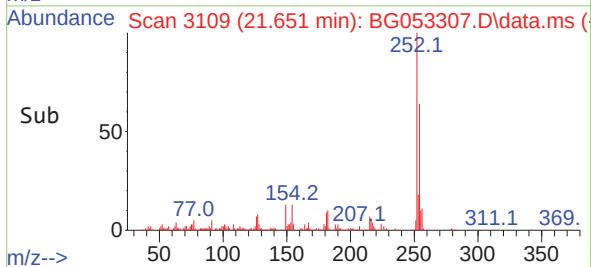
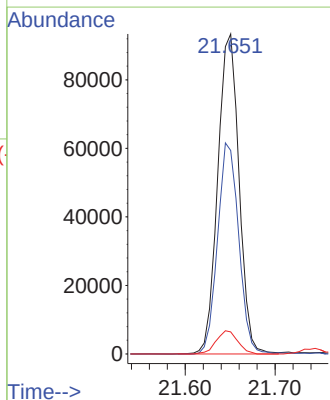
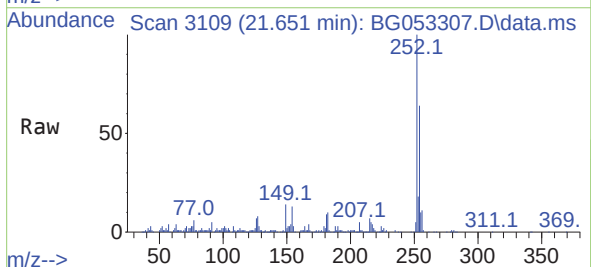
Manual Integrations
APPROVED

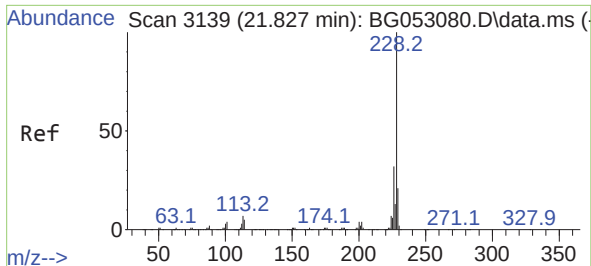
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 30.157 ng
RT: 21.651 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

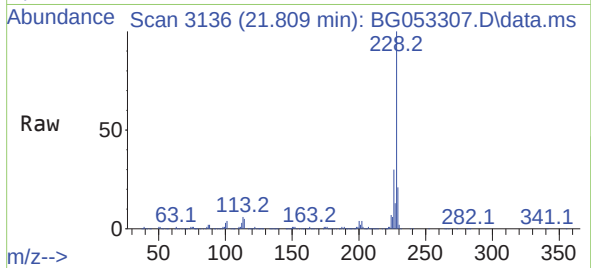
Tgt Ion:252 Resp: 153622
Ion Ratio Lower Upper
252 100
254 63.6 51.2 76.8
126 6.9 5.8 8.8





#83
Chrysene
Concen: 42.512 ng
RT: 21.809 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

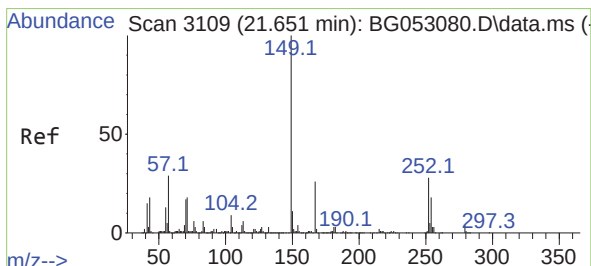
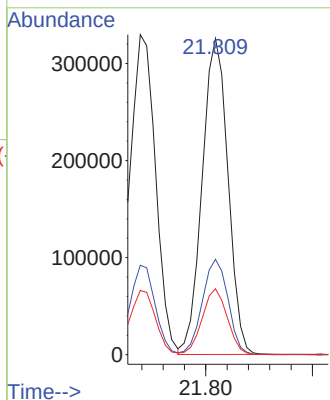
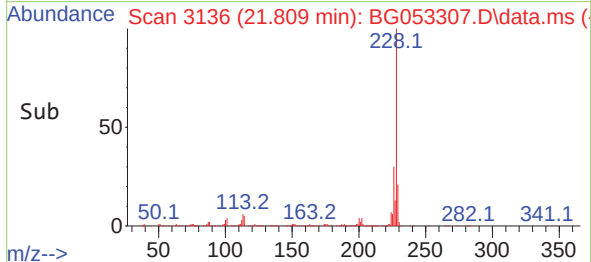
Instrument :
BNA_G
ClientSampleId :
PB144314BS



Tgt Ion:228 Resp: 54650
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 20.8 16.3 24.5

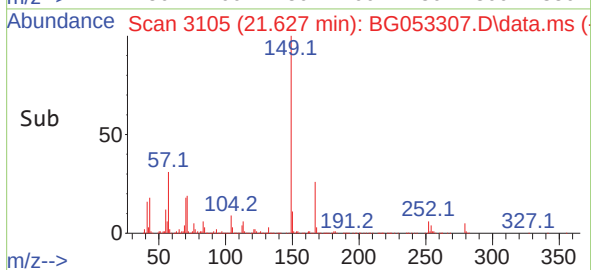
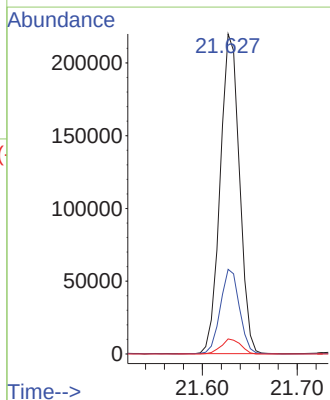
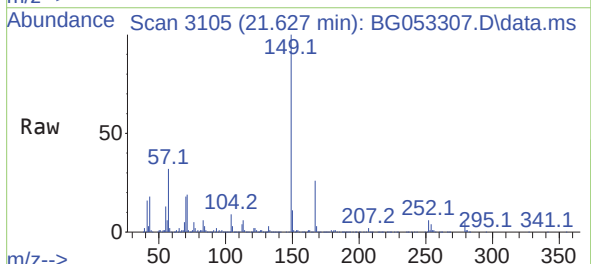
Manual Integrations
APPROVED

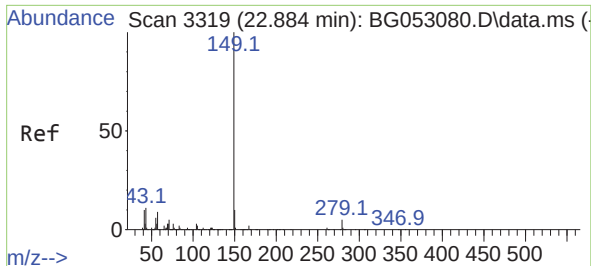
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.655 ng
RT: 21.627 min Scan# 3105
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

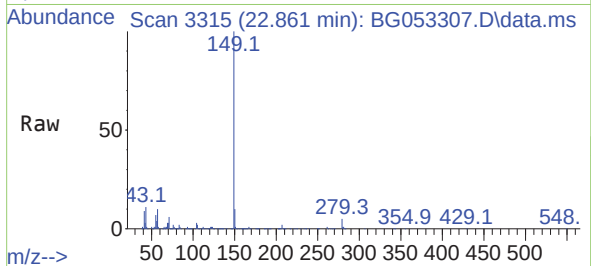
Tgt Ion:149 Resp: 310147
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 4.7 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 42.368 ng
RT: 22.861 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

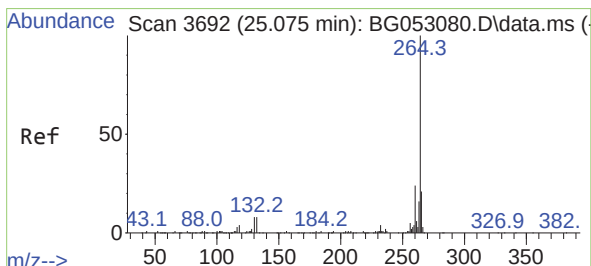
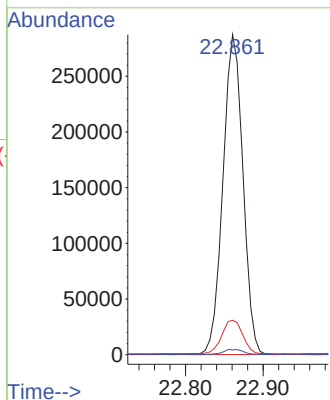
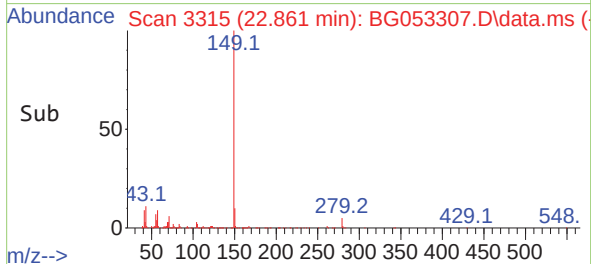
Instrument :
BNA_G
ClientSampleId :
PB144314BS



Tgt Ion:149 Resp: 51521
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.1 7.6 11.4

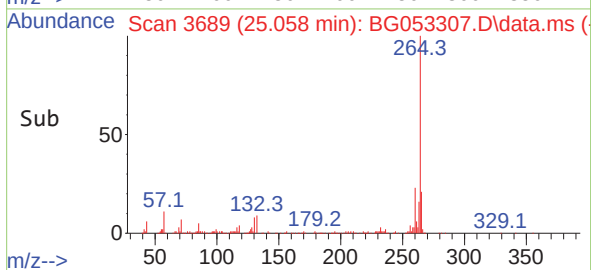
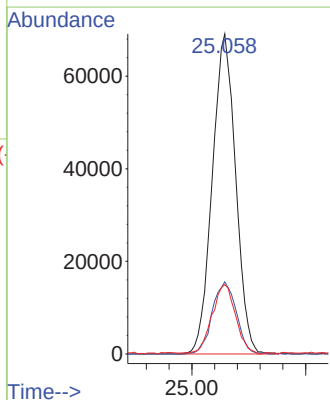
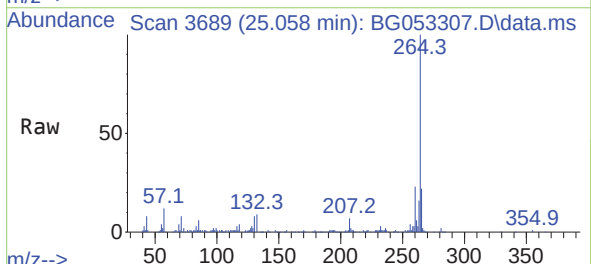
Manual Integrations
APPROVED

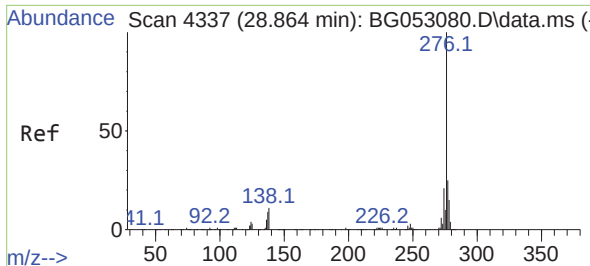
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.058 min Scan# 3689
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:264 Resp: 197064
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.2
265 21.7 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.578 ng
RT: 28.841 min Scan# 4337
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

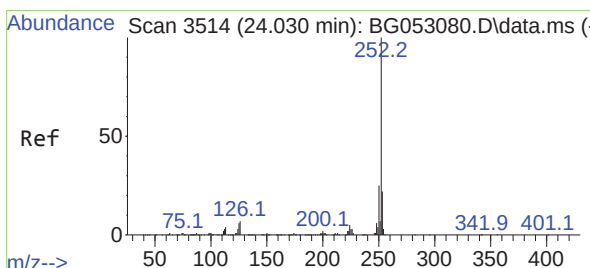
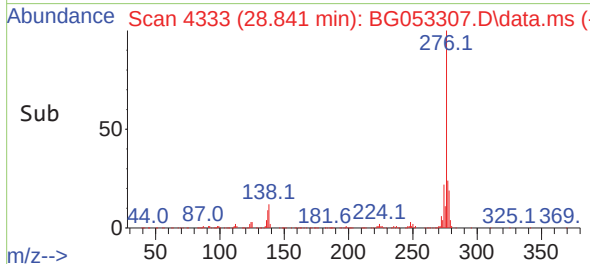
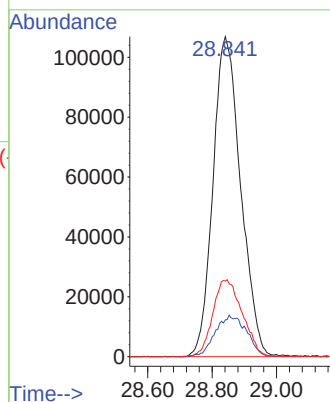
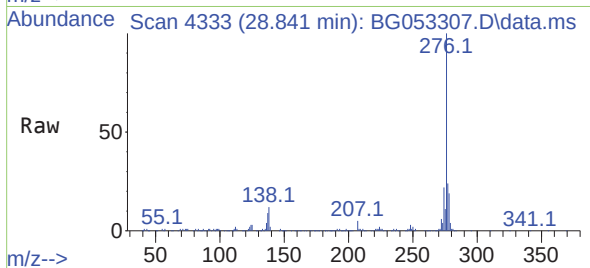
PB144314BS

Tgt Ion:276 Resp: 63801
Ion Ratio Lower Upper
276 100
138 14.5 8.7 13.1
277 25.7 20.2 30.4

Manual Integrations

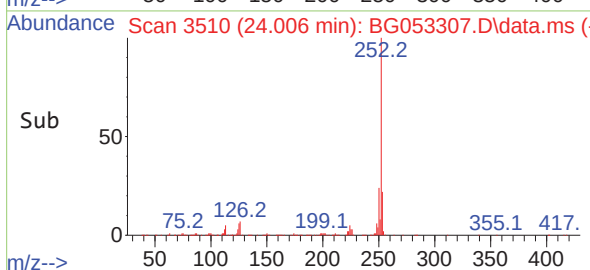
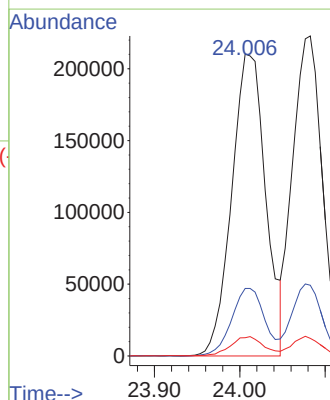
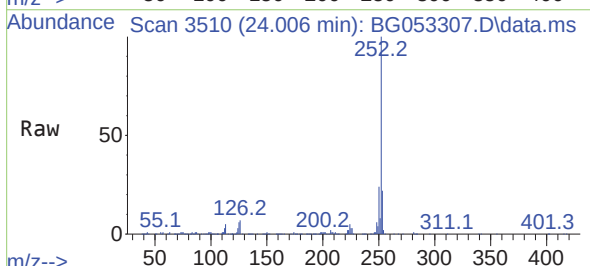
APPROVED

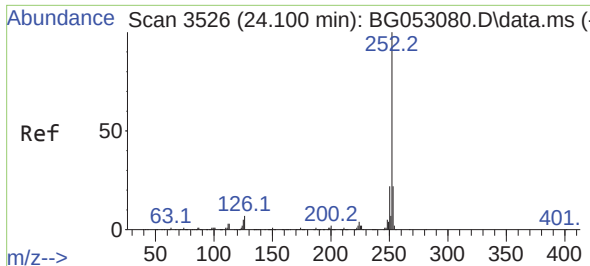
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#88
Benzo(b)fluoranthene
Concen: 46.863 ng
RT: 24.006 min Scan# 3510
Delta R.T. -0.015 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:252 Resp: 582671
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 6.0 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 43.635 ng
RT: 24.083 min Scan# 3526
Delta R.T. -0.003 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

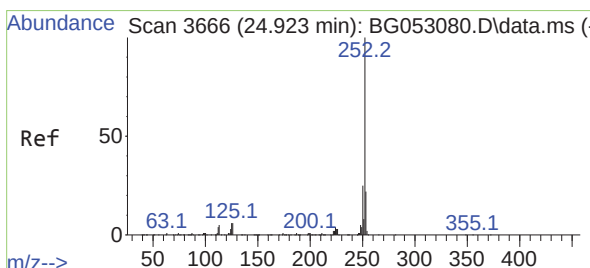
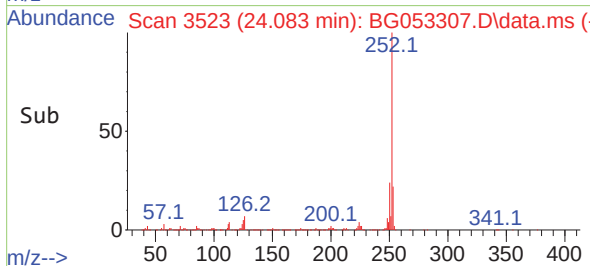
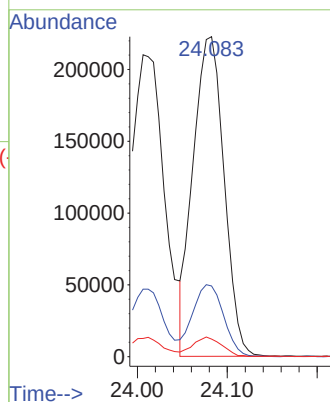
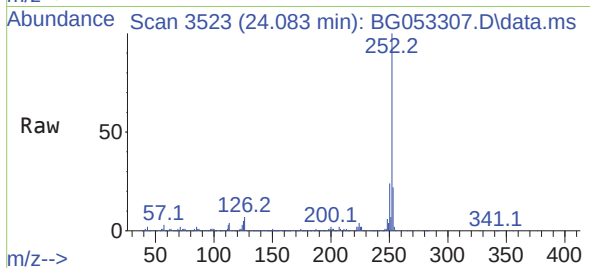
PB144314BS

Tgt Ion:252 Resp: 533215
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 5.5 5.0 7.4

Manual Integrations

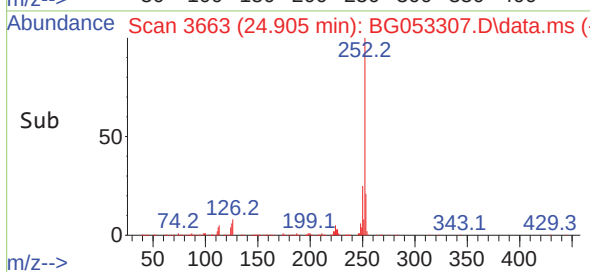
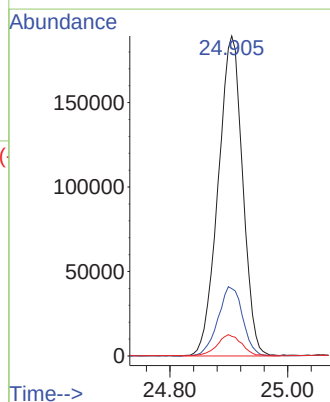
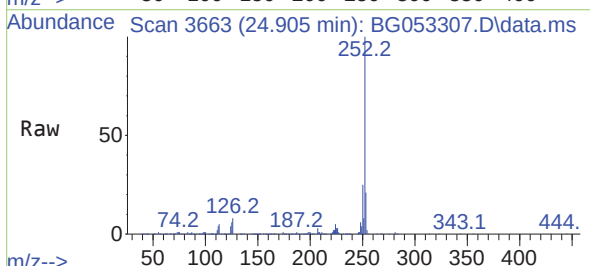
APPROVED

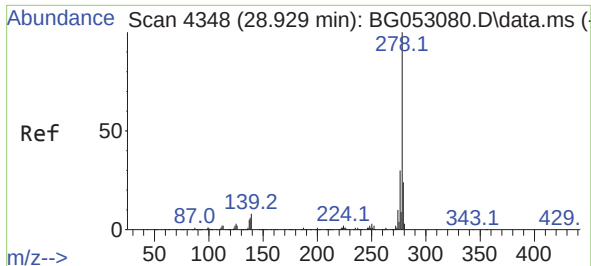
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#90
Benzo(a)pyrene
Concen: 51.608 ng
RT: 24.905 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:252 Resp: 546644
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 6.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 45.674 ng
RT: 28.894 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Instrument :

BNA_G

ClientSampleId :

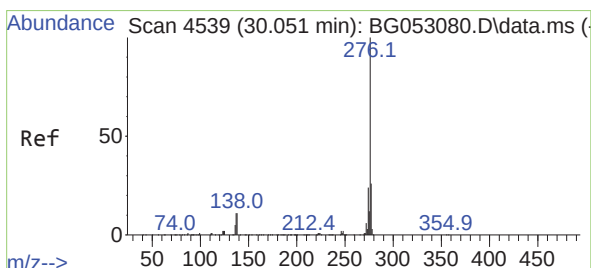
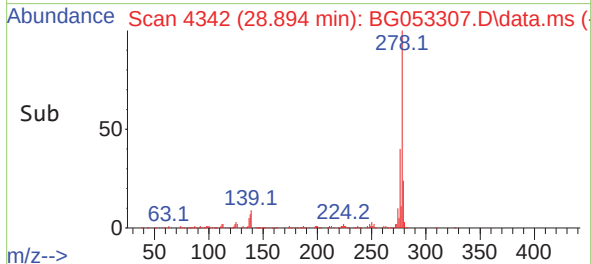
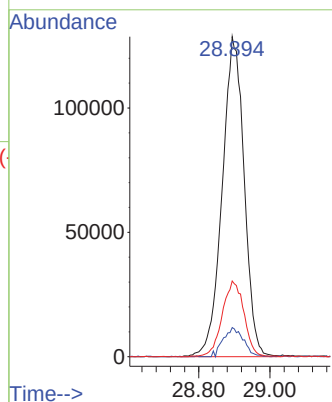
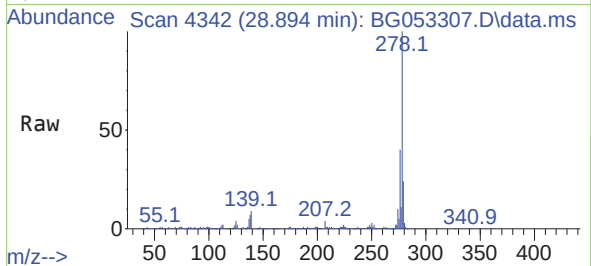
PB144314BS

Tgt Ion:278 Resp: 550380
Ion Ratio Lower Upper
278 100
139 9.1 7.8 11.6
279 23.6 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022



#92
Benzo(g,h,i)perylene
Concen: 45.114 ng
RT: 30.027 min Scan# 4535
Delta R.T. -0.009 min
Lab File: BG053307.D
Acq: 25 Apr 2022 13:42

Tgt Ion:276 Resp: 535821
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.2
138 11.9 9.1 13.7

