

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051395.D
 Acq On : 7 Dec 2021 23:25
 Operator : CG/JU
 Sample : M4870-09
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 02:24:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.187	152	32430	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.025	136	135986	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.821	164	91283	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.571	188	194480	20.000	ng/u1	0.00
79) Chrysene-d12	21.871	240	167724	20.000	ng/u1	0.00
88) Perylene-d12	25.273	264	169341	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	4340	4.651	ng/uL	-0.02
4) Pyridine-d5	3.969	84	26762	9.773	ng/u1	0.00
7) Phenol-d5	7.359	99	26100	8.143	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.512	67	64486	32.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.723	132	62177	26.939	ng/u1	0.00
15) 4-Methylphenol-d8	8.904	113	47069	18.198	ng/u1	0.00
21) Nitrobenzene-d5	9.368	128	41437	36.097	ng/u1	0.00
24) 2-Nitrophenol-d4	10.097	143	42673	32.955	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	69714	31.731	ng/u1	0.00
31) 4-Chloroaniline-d4	11.160	131	66961	20.830	ng/u1	0.00
46) Dimethylphthalate-d6	14.222	166	238891	34.012	ng/u1	0.00
49) Acenaphthylene-d8	14.521	160	313294	35.373	ng/u1	0.00
54) 4-Nitrophenol-d4	15.073	143	10388m	9.137	ng/u1	0.03
60) Fluorene-d10	15.814	176	216529	34.235	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	32481	27.066	ng/u1	0.00
73) Anthracene-d10	17.670	188	337676	36.304	ng/u1	0.00
81) Pyrene-d10	19.956	212	367531	36.215	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.038	264	330282	36.520	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.394	94	1016633	306.180	ng/u1	92
13) 2-Methylphenol	8.640	108	226154	91.440	ng/u1	98
16) Acetophenone	9.028	105	86113m	21.525	ng/u1	
18) 4-Methylphenol	8.981	108	336310	127.166	ng/u1	94
26) 2,4-Dimethylphenol	10.185	107	332356m	121.200	ng/u1	
30) Naphthalene	11.090	128	3317079	448.298	ng/u1#	88
32) 4-Chloroaniline	11.190	127	395395	122.515	ng/u1	99
36) 2-Methylnaphthalene	12.670	142	1345875	267.416	ng/u1	100
37) 1-Methylnaphthalene	12.888	142	639972	123.596	ng/u1	98
43) 1,1'-Biphenyl	13.657	154	218692	32.076	ng/u1	98
47) Dimethylphthalate	14.263	163	11894	1.673	ng/u1#	95
52) Acenaphthene	14.885	153	87121	15.097	ng/u1	97
56) Dibenzofuran	15.220	168	121432	14.589	ng/u1	99
59) Diethylphthalate	15.620	149	530936	71.147	ng/u1	98
61) Fluorene	15.867	166	45463	6.819	ng/u1	98
67) N-Nitrosodiphenylamine	16.066	169	41098	7.382	ng/u1	98
72) Phenanthrene	17.618	178	24208	2.254	ng/u1	97
77) Carbazole	17.982	167	14939	1.596	ng/u1#	91
78) Di-n-butylphthalate	18.505	149	218487	18.102	ng/u1	99
83) Butylbenzylphthalate	20.855	149	1409569	278.074	ng/u1#	96
86) Bis(2-ethylhexyl)phtha...	21.707	149	19008	2.606	ng/u1	99

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

Instrument :

BNA_G

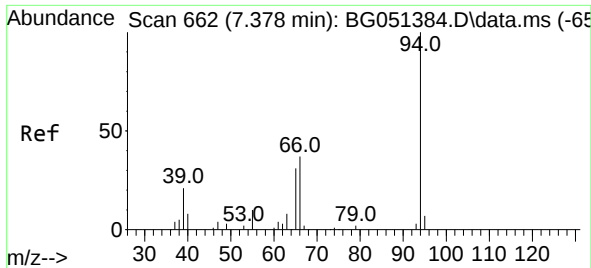
ClientSampleId :

BGKP6

Manual Integrations**APPROVED**

Reviewed By :Jagrut Upadhyay 12/08/2021

Supervised By :mohammad ahmed 12/15/2021



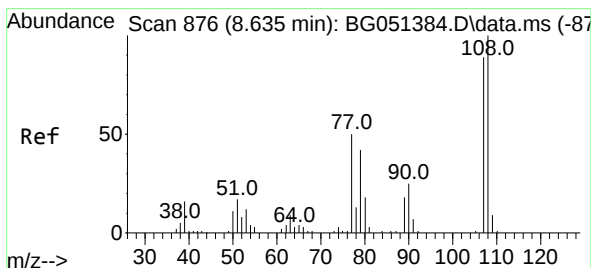
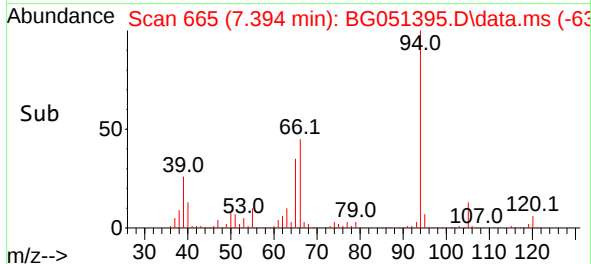
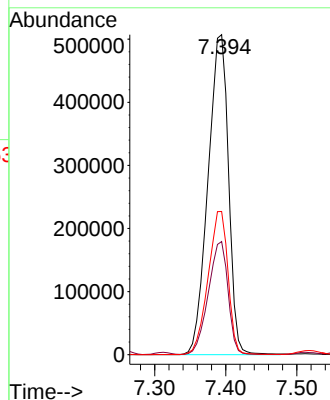
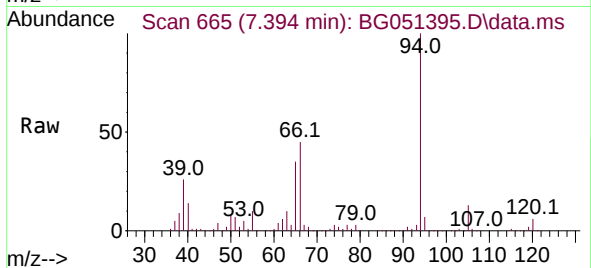
#8
Phenol
Concen: 306.180 ng/ul
RT: 7.394 min Scan# 662
Delta R.T. 0.008 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Instrument :
BNA_G
ClientSampleId :
BGKP6

Tgt Ion: 94 Resp: 101663
Ion Ratio Lower Upper
94 100
65 35.3 25.1 37.7
66 44.7 31.6 47.4

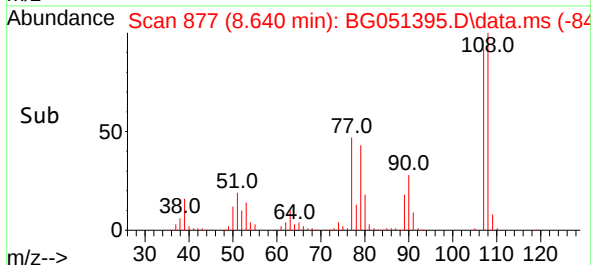
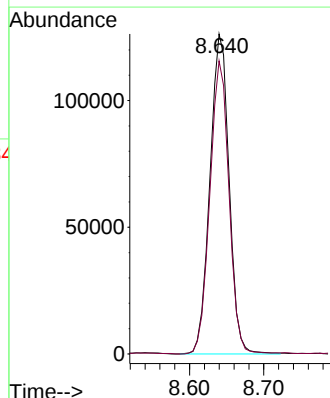
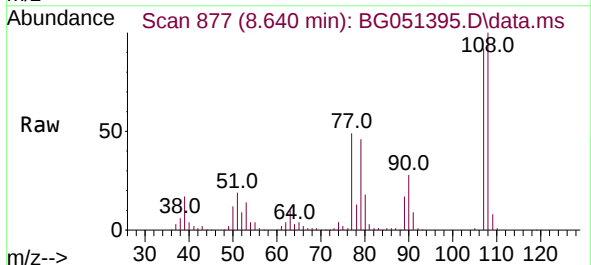
Manual Integrations
APPROVED

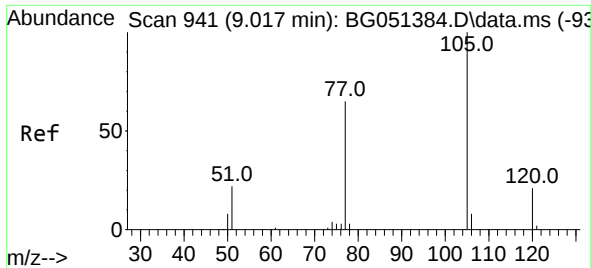
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#13
2-Methylphenol
Concen: 91.440 ng/ul
RT: 8.640 min Scan# 877
Delta R.T. -0.004 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Tgt Ion:108 Resp: 226154
Ion Ratio Lower Upper
108 100
107 91.6 71.8 107.6





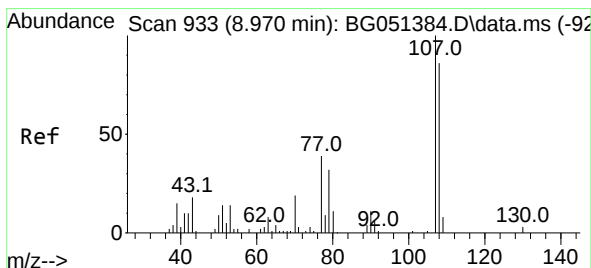
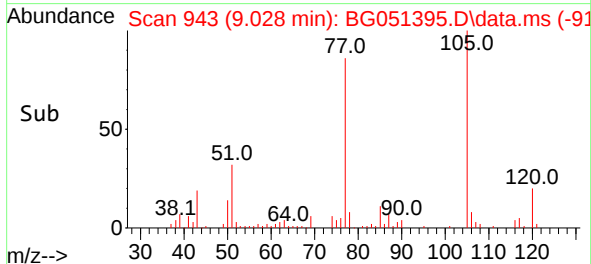
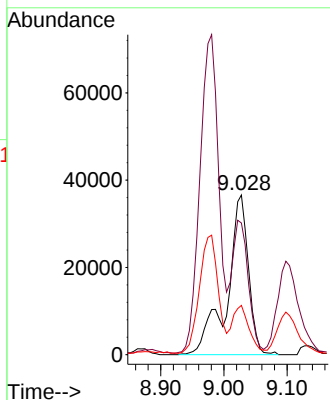
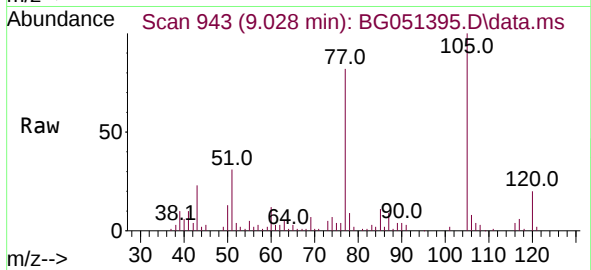
#16
Acetophenone
Concen: 21.525 ng/ul m
RT: 9.028 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Instrument :
BNA_G
ClientSampleId :
BGKP6

Tgt Ion:105 Resp: 8611
Ion Ratio Lower Upper
105 100
77 82.5 67.3 100.9
51 30.9 24.0 36.0

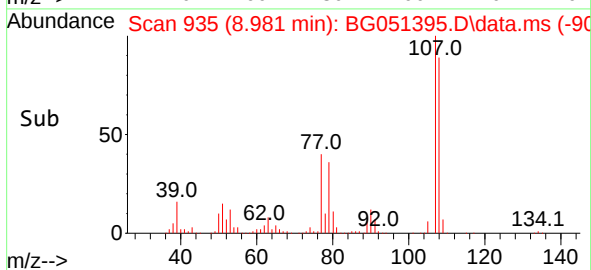
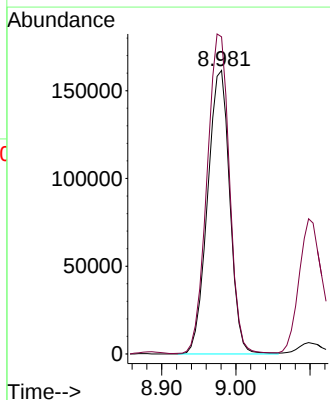
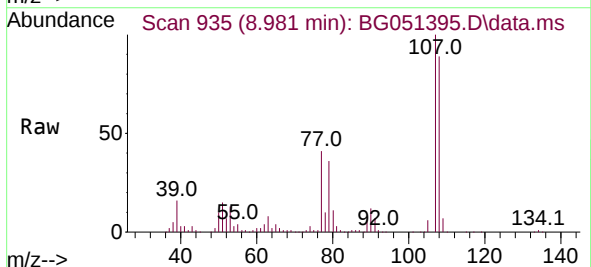
Manual Integrations
APPROVED

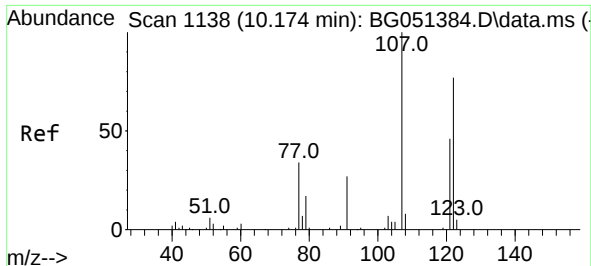
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#18
4-Methylphenol
Concen: 127.166 ng/ul
RT: 8.981 min Scan# 935
Delta R.T. 0.002 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Tgt Ion:108 Resp: 336310
Ion Ratio Lower Upper
108 100
107 111.8 95.0 142.4





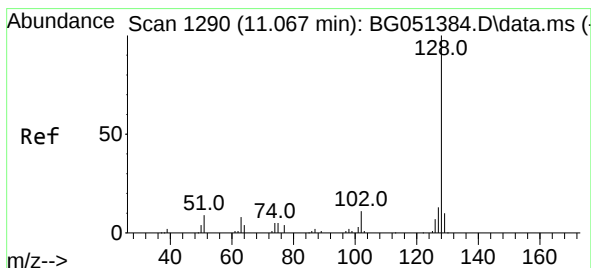
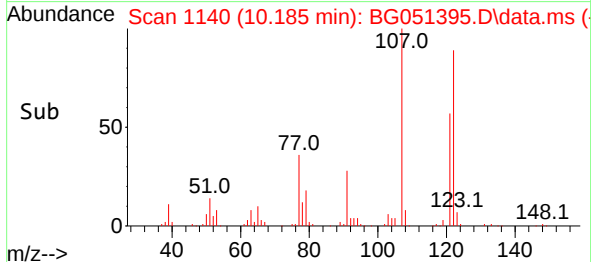
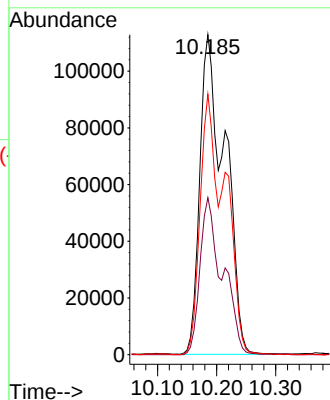
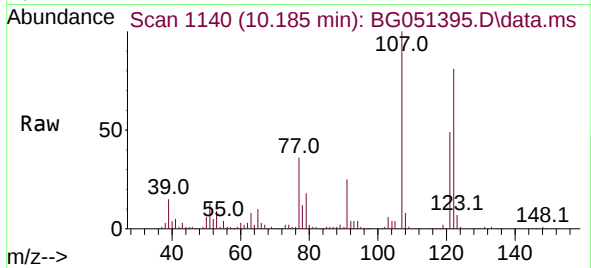
#26
2,4-Dimethylphenol
Concen: 121.200 ng/ul m
RT: 10.185 min Scan# 1138
Delta R.T. 0.002 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Instrument :
BNA_G
ClientSampleId :
BGKP6

Tgt Ion:107 Resp: 332350
Ion Ratio Lower Upper
107 100
121 49.0 39.3 58.9
122 81.4 63.7 95.5

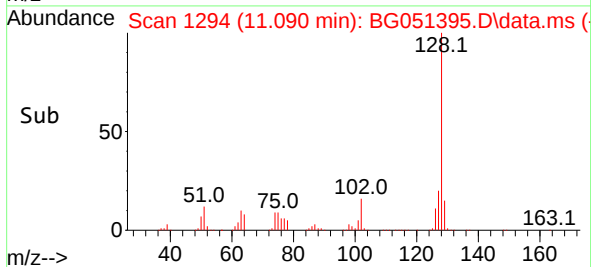
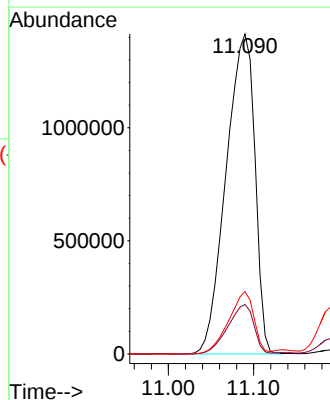
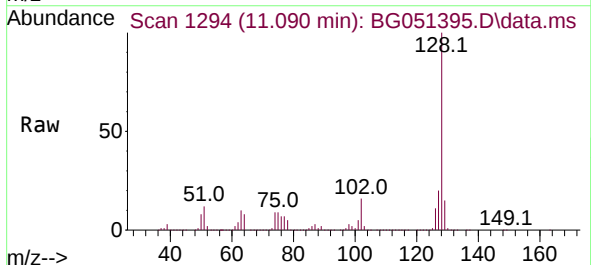
Manual Integrations
APPROVED

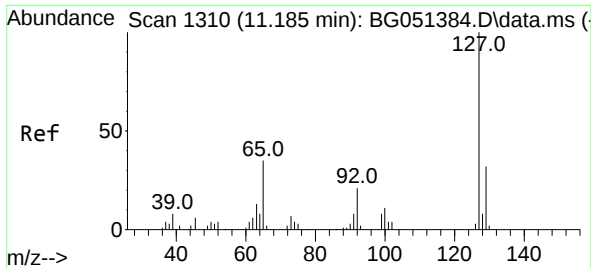
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#30
Naphthalene
Concen: 448.298 ng/ul
RT: 11.090 min Scan# 1294
Delta R.T. 0.014 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Tgt Ion:128 Resp: 3317079
Ion Ratio Lower Upper
128 100
129 15.5 8.5 12.7#
127 19.5 11.8 17.6#





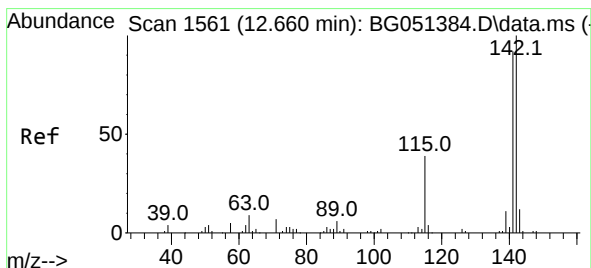
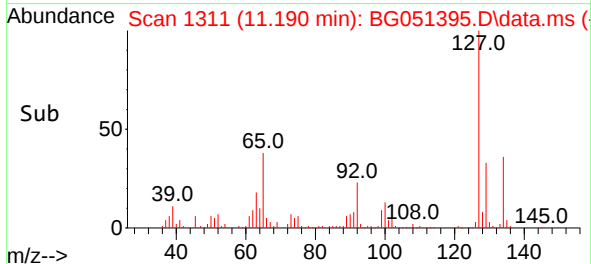
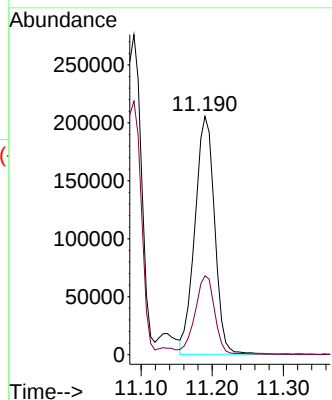
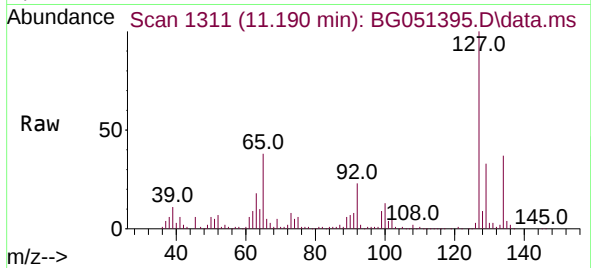
#32
4-Chloroaniline
Concen: 122.515 ng/ul
RT: 11.190 min Scan# 11190
Delta R.T. 0.002 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Instrument :
BNA_G
ClientSampleId :
BGKP6

Tgt Ion:127 Resp: 395399
Ion Ratio Lower Upper
127 100
129 33.1 26.2 39.2

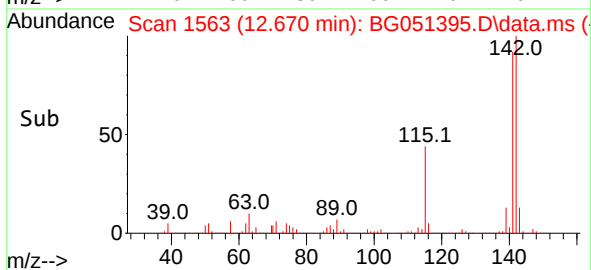
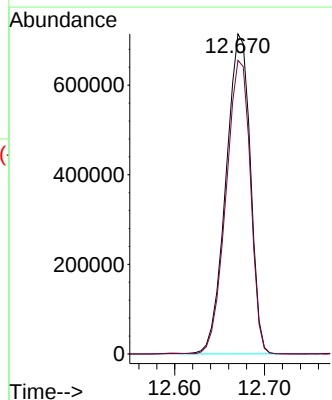
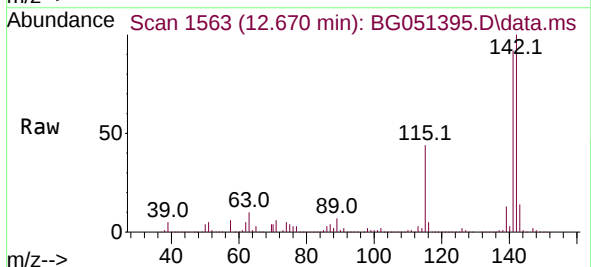
Manual Integrations
APPROVED

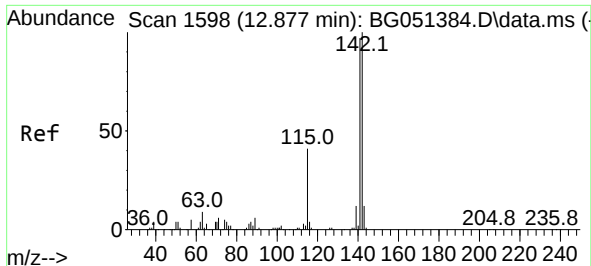
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#36
2-Methylnaphthalene
Concen: 267.416 ng/ul
RT: 12.670 min Scan# 1563
Delta R.T. 0.002 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

Tgt Ion:142 Resp: 1345875
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#37

1-Methylnaphthalene

Concen: 123.596 ng/ul

RT: 12.888 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG051395.D

Acq: 7 Dec 2021 23:25

Instrument :

BNA_G

ClientSampleId :

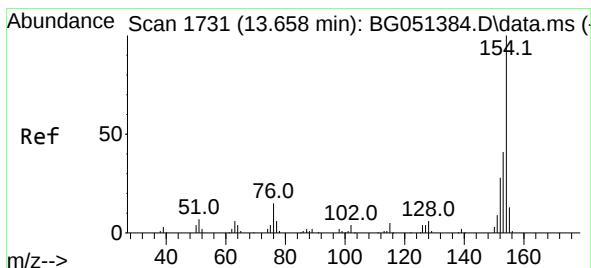
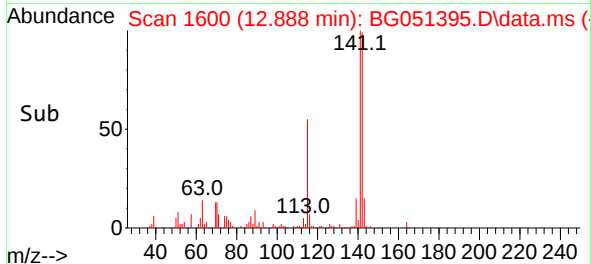
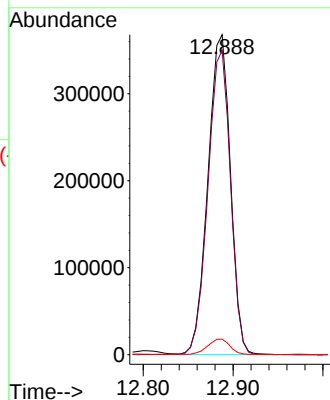
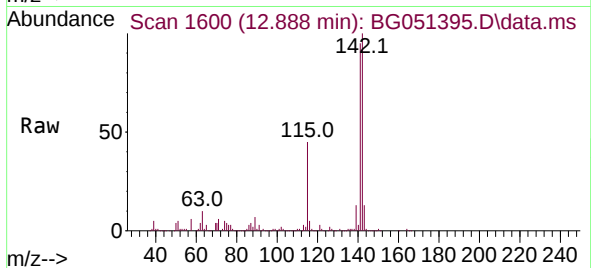
BGKP6

Tgt Ion:142 Resp: 639972
 Ion Ratio Lower Upper
 142 100
 141 95.1 77.8 116.8
 116 4.9 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021



#43

1,1'-Biphenyl

Concen: 32.076 ng/ul

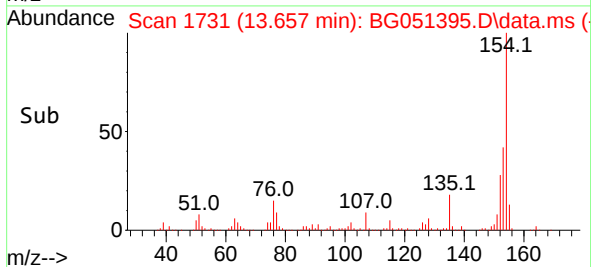
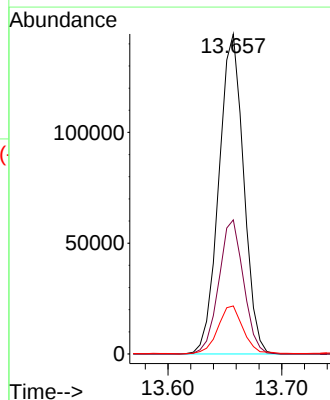
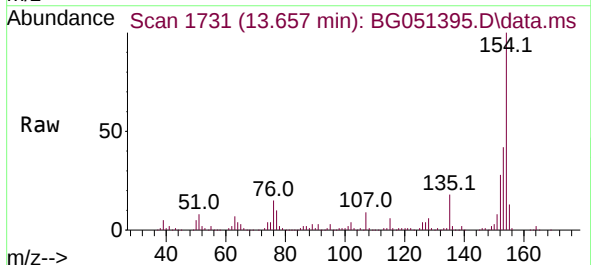
RT: 13.657 min Scan# 1731

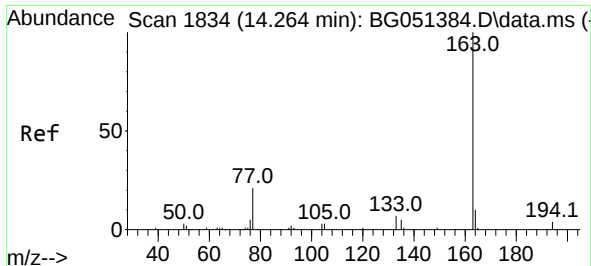
Delta R.T. -0.010 min

Lab File: BG051395.D

Acq: 7 Dec 2021 23:25

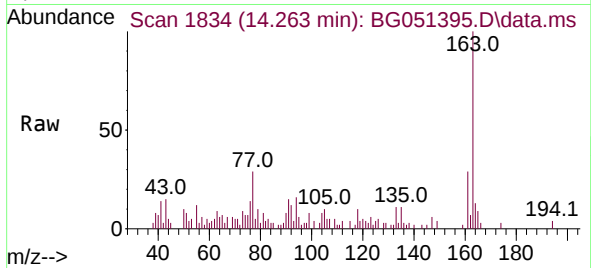
Tgt Ion:154 Resp: 218692
 Ion Ratio Lower Upper
 154 100
 153 41.9 34.5 51.7
 76 15.0 13.1 19.7





#47
Dimethylphthalate
Concen: 1.673 ng/ul
RT: 14.263 min Scan# 1834
Delta R.T. -0.010 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

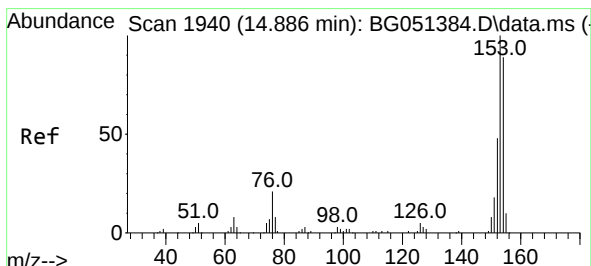
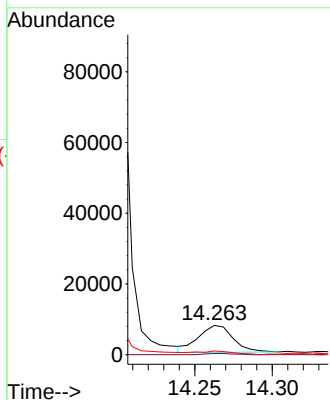
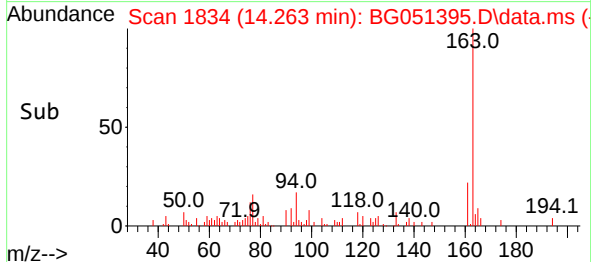
Instrument :
BNA_G
ClientSampleId :
BGKP6



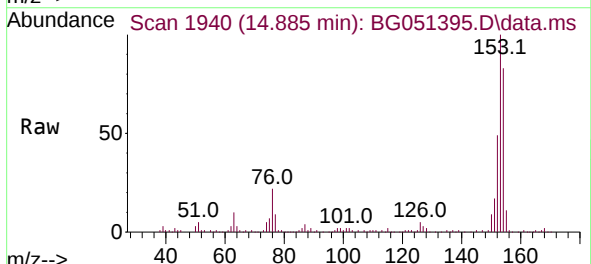
Tgt Ion:163 Resp: 11894
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 12.6 8.2 12.4

Manual Integrations
APPROVED

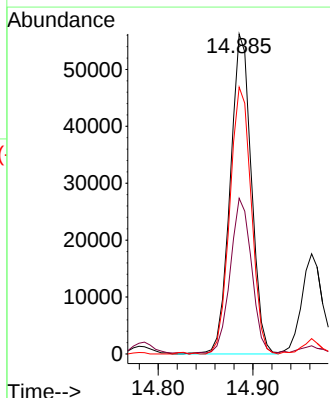
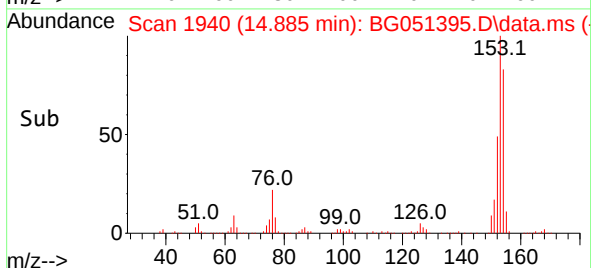
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

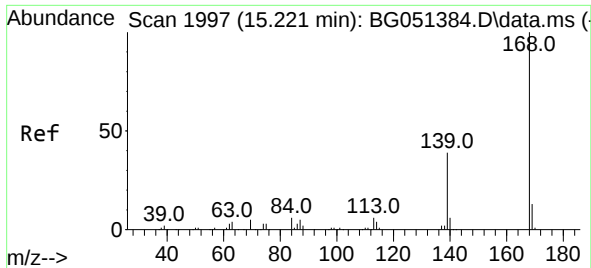


#52
Acenaphthene
Concen: 15.097 ng/ul
RT: 14.885 min Scan# 1940
Delta R.T. -0.010 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25



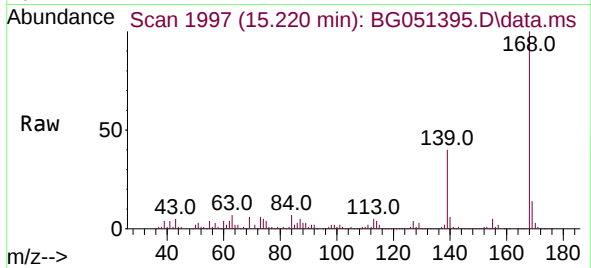
Tgt Ion:153 Resp: 87121
Ion Ratio Lower Upper
153 100
152 48.7 36.5 54.7
154 83.4 65.8 98.6





#56
Dibenzenofuran
Concen: 14.589 ng/ul
RT: 15.220 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

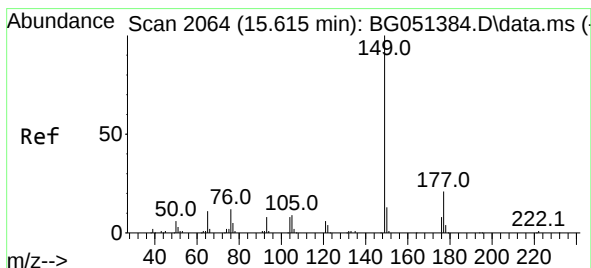
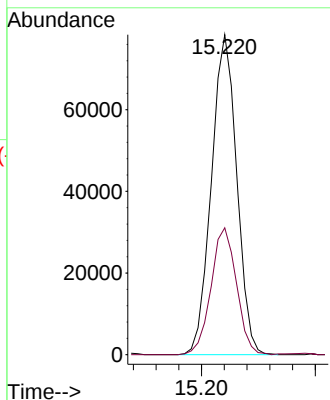
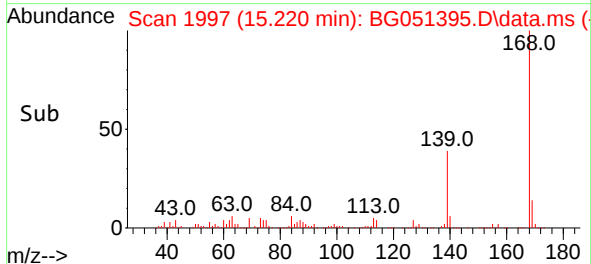
Instrument :
BNA_G
ClientSampleId :
BGKP6



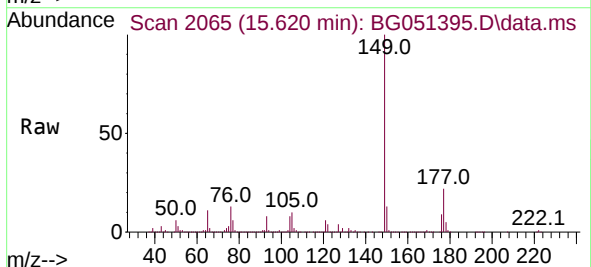
Tgt Ion:168 Resp: 121432
Ion Ratio Lower Upper
168 100
139 39.7 31.2 46.8

Manual Integrations
APPROVED

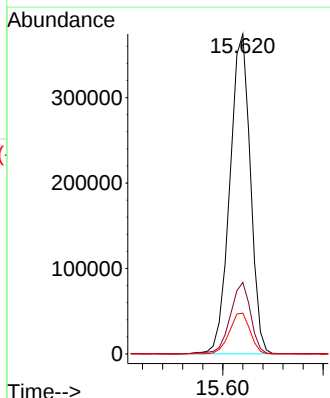
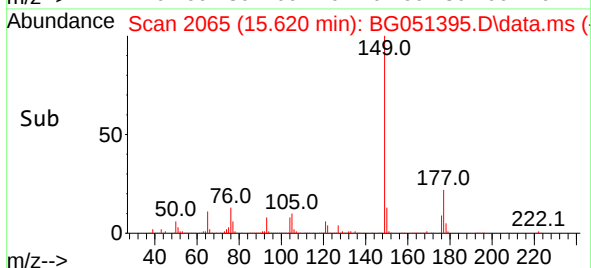
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

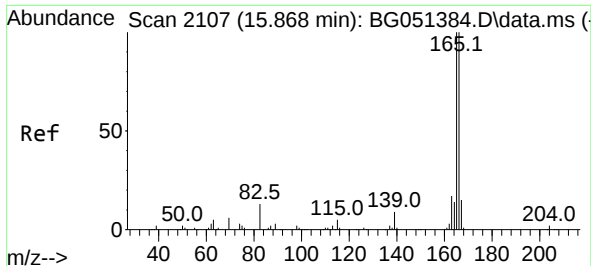


#59
Diethylphthalate
Concen: 71.147 ng/ul
RT: 15.620 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25



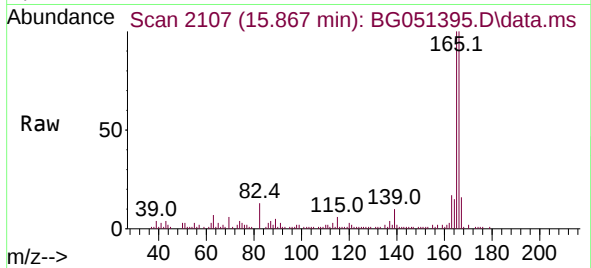
Tgt Ion:149 Resp: 530936
Ion Ratio Lower Upper
149 100
177 22.3 16.8 25.2
150 12.8 10.1 15.1





#61
Fluorene
Concen: 6.819 ng/ul
RT: 15.867 min Scan# 2107
Delta R.T. -0.010 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

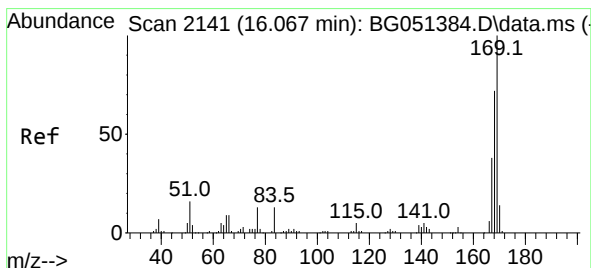
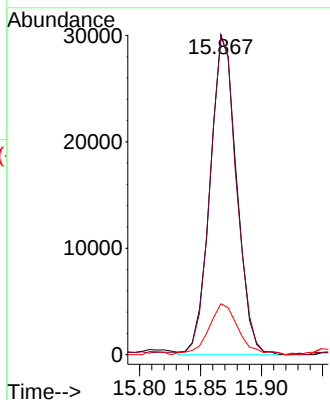
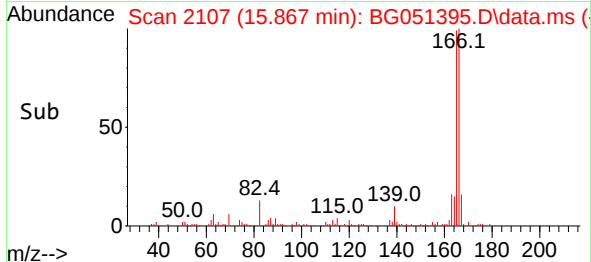
Instrument :
BNA_G
ClientSampleId :
BGKP6



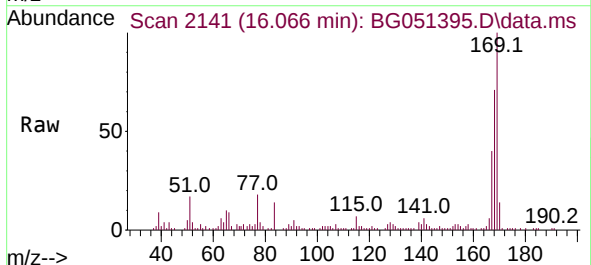
Tgt Ion:166 Resp: 4546
Ion Ratio Lower Upper
166 100
165 99.6 81.0 121.6
167 15.9 11.0 16.4

Manual Integrations
APPROVED

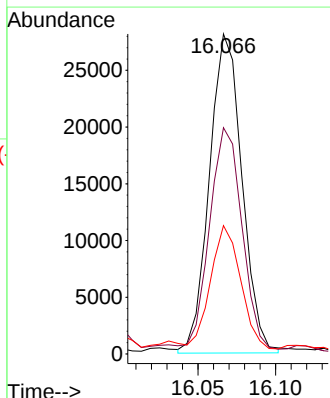
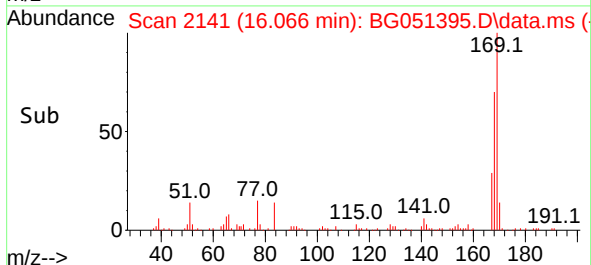
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

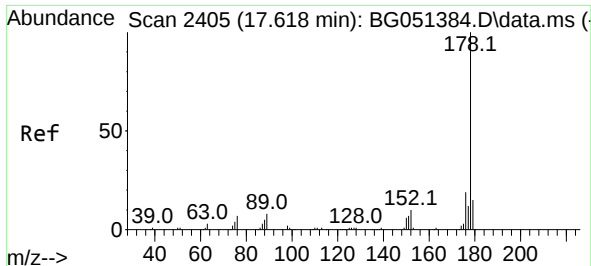


#67
N-Nitrosodiphenylamine
Concen: 7.382 ng/ul
RT: 16.066 min Scan# 2141
Delta R.T. -0.010 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25



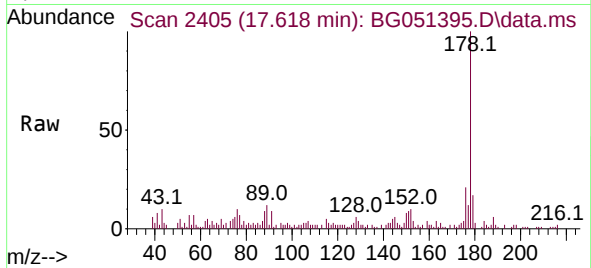
Tgt Ion:169 Resp: 41098
Ion Ratio Lower Upper
169 100
168 70.7 58.5 87.7
167 40.1 31.3 46.9





#72
Phenanthrene
Concen: 2.254 ng/ul
RT: 17.618 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

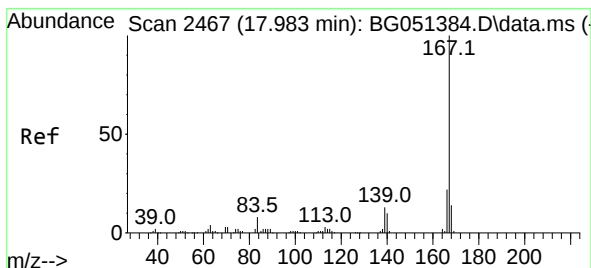
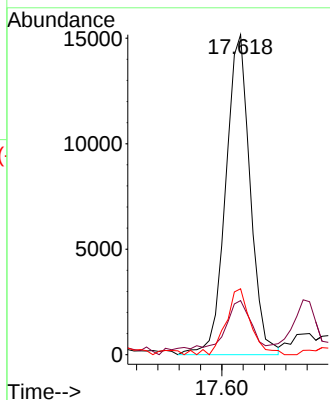
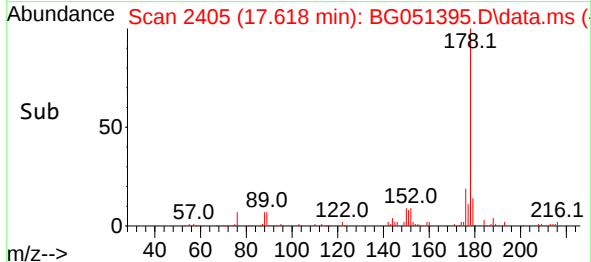
Instrument :
BNA_G
ClientSampleId :
BGKP6



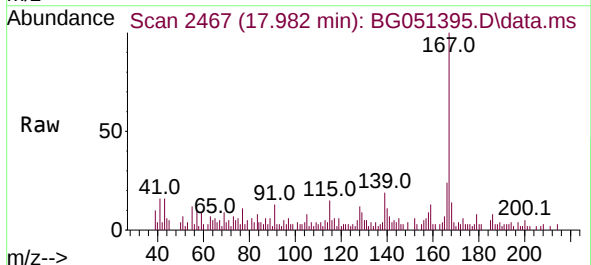
Tgt Ion:178 Resp: 24208
Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 20.6 15.5 23.3

Manual Integrations
APPROVED

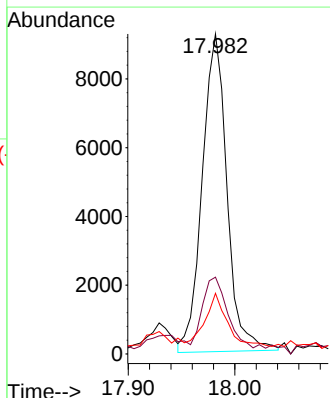
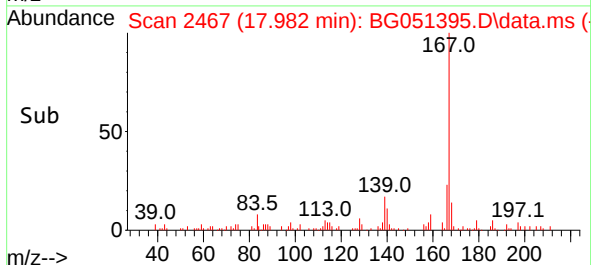
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

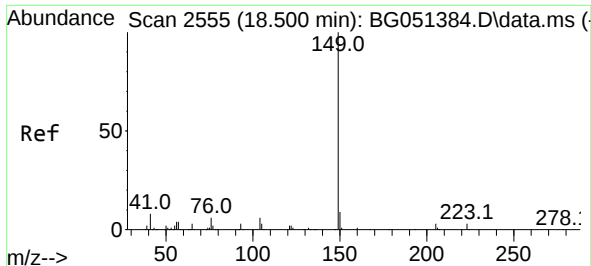


#77
Carbazole
Concen: 1.596 ng/ul
RT: 17.982 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25



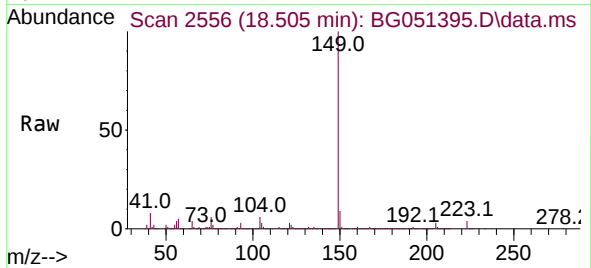
Tgt Ion:167 Resp: 14939
Ion Ratio Lower Upper
167 100
166 24.0 17.3 25.9
139 18.9 10.6 16.0#





#78
Di-n-butylphthalate
Concen: 18.102 ng/ul
RT: 18.505 min Scan# 21848
Delta R.T. -0.010 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25

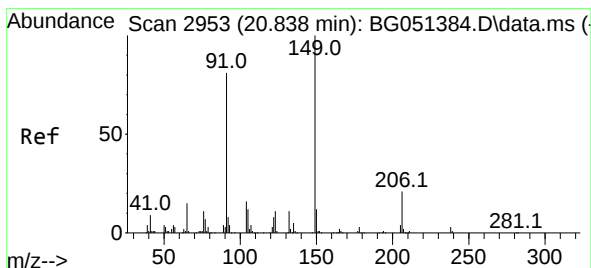
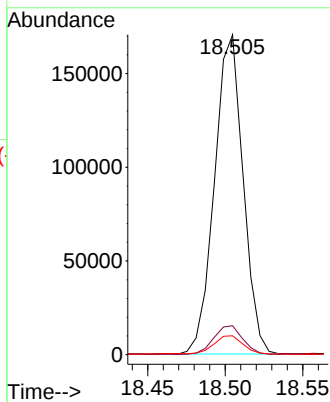
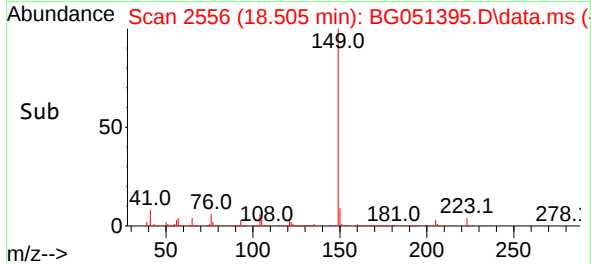
Instrument :
BNA_G
ClientSampleId :
BGKP6



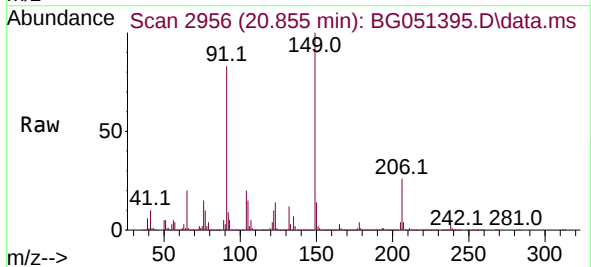
Tgt Ion:149 Resp: 21848
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.9 5.0 7.6

Manual Integrations
APPROVED

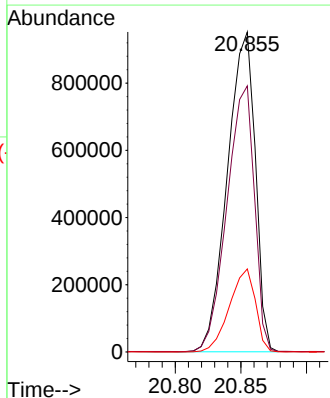
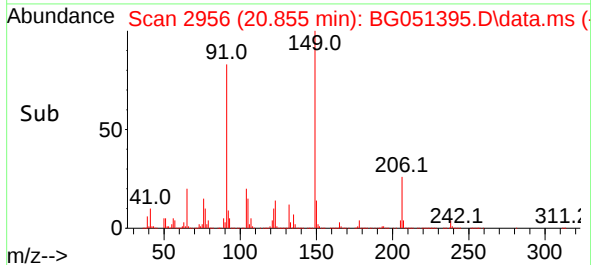
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

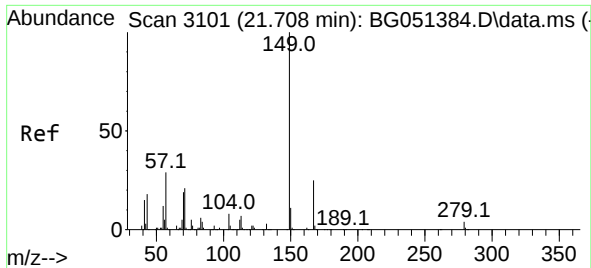


#83
Butylbenzylphthalate
Concen: 278.074 ng/ul
RT: 20.855 min Scan# 2956
Delta R.T. 0.008 min
Lab File: BG051395.D
Acq: 7 Dec 2021 23:25



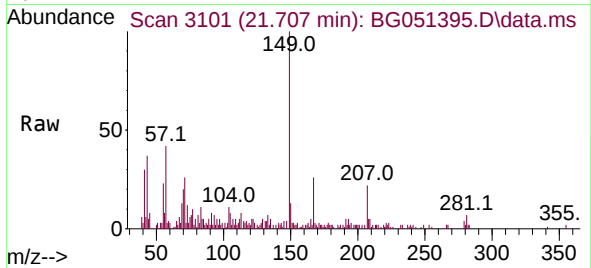
Tgt Ion:149 Resp: 1409569
Ion Ratio Lower Upper
149 100
91 83.1 65.2 97.8
206 26.0 16.2 24.2#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.606 ng/ul
 RT: 21.707 min Scan# 3101
 Delta R.T. -0.016 min
 Lab File: BG051395.D
 Acq: 7 Dec 2021 23:25

Instrument :
 BNA_G
 ClientSampleId :
 BGKP6



Tgt Ion:	149	Resp:	19000
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.1	31.7
279	3.9	2.7	4.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

