

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051771.D
 Acq On : 23 Dec 2021 5:23
 Operator : CG/JU
 Sample : M5195-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLB4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/23/2021

Quant Time: Dec 23 06:13:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	39764	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.107	136	153119	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.908	164	92682	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.657	188	188175	20.000	ng/u1	0.00
79) Chrysene-d12	21.975	240	184785	20.000	ng/u1	#-0.01
88) Perylene-d12	25.476	264	193851	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.594	96	3190	3.332	ng/uL	-0.01
4) Pyridine-d5	4.029	84	23564	8.145	ng/u1	-0.02
7) Phenol-d5	7.401	99	78500	22.110	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.571	67	51040	24.182	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.794	132	55433	22.449	ng/u1	-0.02
15) 4-Methylphenol-d8	8.963	113	59643	21.733	ng/u1	-0.02
21) Nitrobenzene-d5	9.439	128	28741	25.602	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.173	143	31993	26.070	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.714	165	58591	22.016	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.231	131	65866	18.798	ng/u1	-0.01
46) Dimethylphthalate-d6	14.297	166	173484	23.386	ng/u1	-0.02
49) Acenaphthylene-d8	14.603	160	226468	24.581	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.072	143	26539m	22.000	ng/u1	0.00
60) Fluorene-d10	15.895	176	156868	23.603	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	23871	24.348	ng/u1	-0.02
73) Anthracene-d10	17.757	188	243512	27.128	ng/u1	0.00
81) Pyrene-d10	20.030	212	274928	24.721	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.241	264	259176	25.410	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.436	94	5500	1.558	ng/u1	97
30) Naphthalene	11.160	128	481469	58.365	ng/u1	98
36) 2-Methylnaphthalene	12.752	142	55004	9.346	ng/u1	91
37) 1-Methylnaphthalene	12.969	142	33688	5.513	ng/u1#	91
43) 1,1'-Biphenyl	13.739	154	12036	1.695	ng/u1#	92
52) Acenaphthene	14.973	153	18477	3.103	ng/u1	99
56) Dibenzofuran	15.302	168	26587	3.032	ng/u1	90
61) Fluorene	15.954	166	19145	2.649	ng/u1#	90
72) Phenanthrene	17.698	178	43957	4.542	ng/u1#	86
78) Di-n-butylphthalate	18.597	149	16609	1.576	ng/u1#	67
80) Fluoranthene	19.701	202	18810	1.473	ng/u1#	91
82) Pyrene	20.060	202	27413	2.170	ng/u1#	93
83) Butylbenzylphthalate	20.935	149	199249m	47.030	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.863	149	3839772	647.029	ng/u1#	72
89) Di-n-octyl phthalate	23.156	149	186918	17.902	ng/u1	100

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

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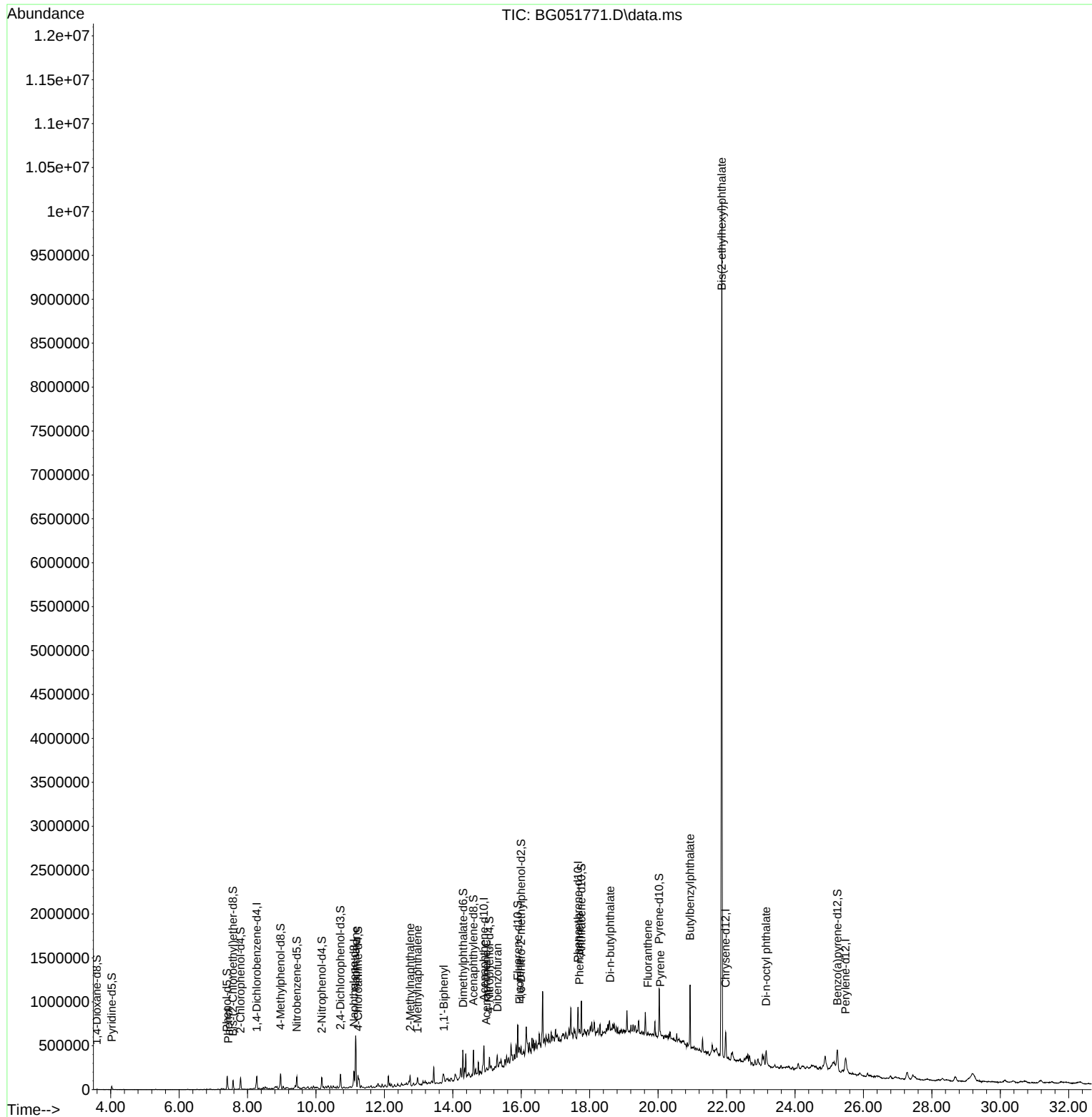
BGLB4

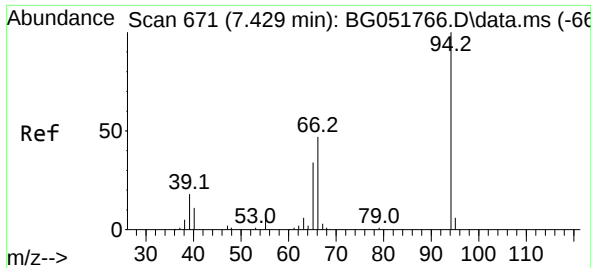
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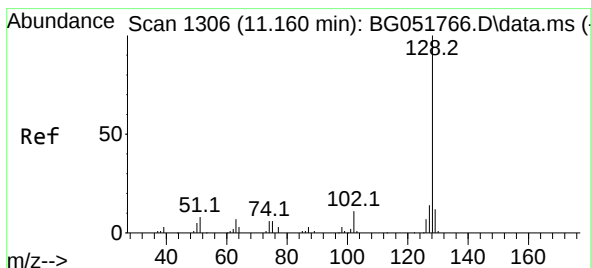
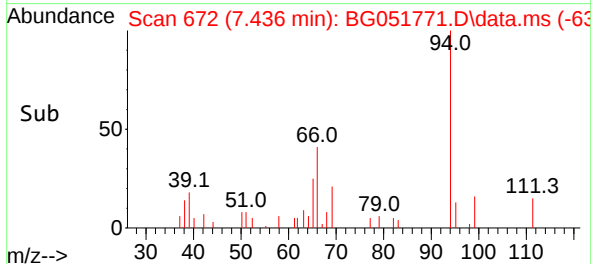
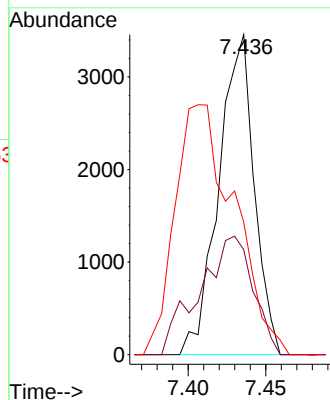
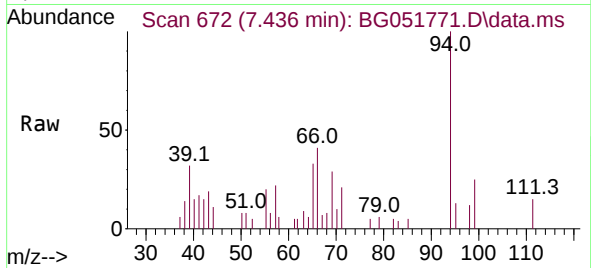
#8
Phenol
Concen: 1.558 ng/ul
RT: 7.436 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Instrument :
BNA_G
ClientSampleId :
BGLB4

Tgt Ion: 94 Resp: 5500
Ion Ratio Lower Upper
94 100
65 32.8 25.1 37.7
66 41.5 31.6 47.4

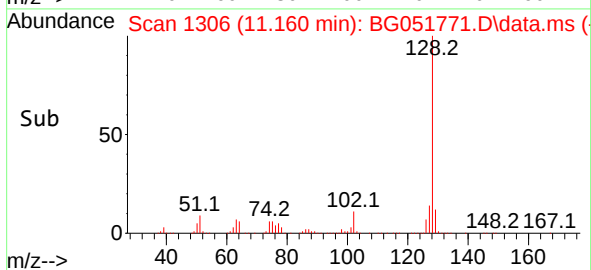
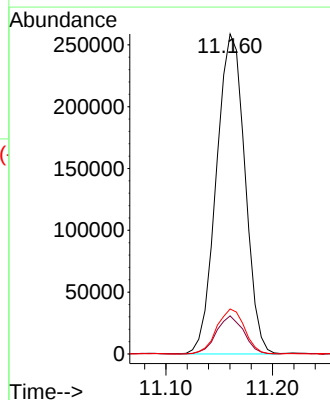
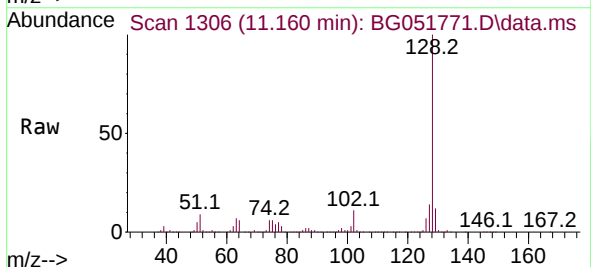
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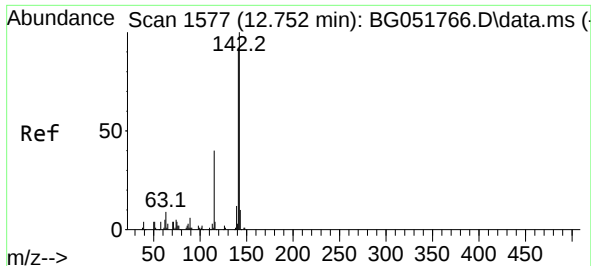
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/23/2021



#30
Naphthalene
Concen: 58.365 ng/ul
RT: 11.160 min Scan# 1306
Delta R.T. -0.017 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Tgt Ion:128 Resp: 481469
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 14.0 11.8 17.6





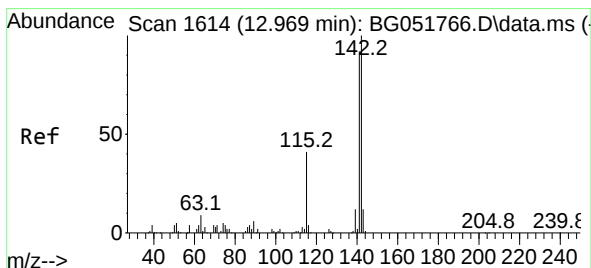
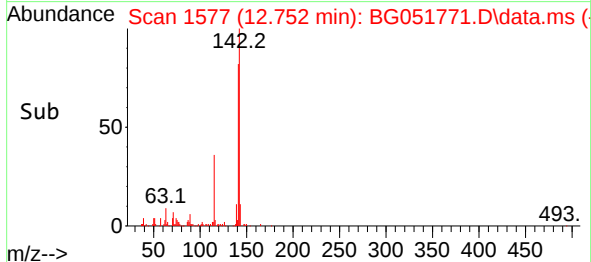
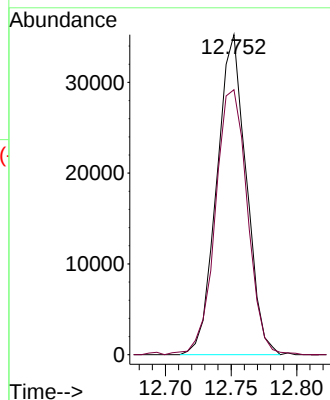
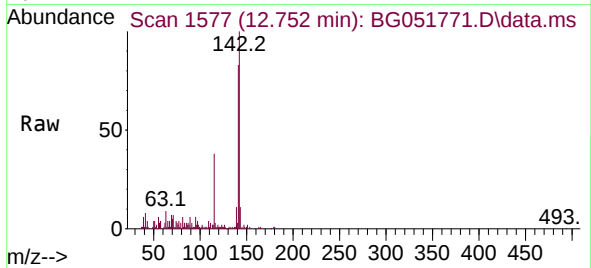
#36
2-Methylnaphthalene
Concen: 9.346 ng/ul
RT: 12.752 min Scan# 1577
Delta R.T. -0.017 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Instrument :
BNA_G
ClientSampleId :
BGLB4

Tgt Ion:142 Resp: 55004
Ion Ratio Lower Upper
142 100
141 82.8 73.3 109.9

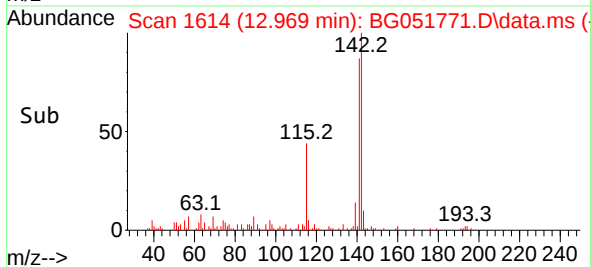
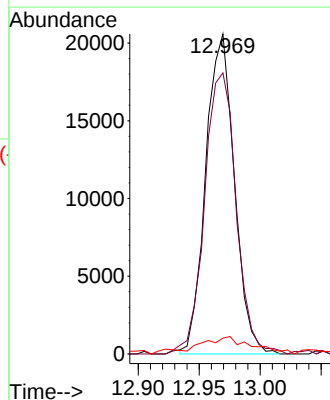
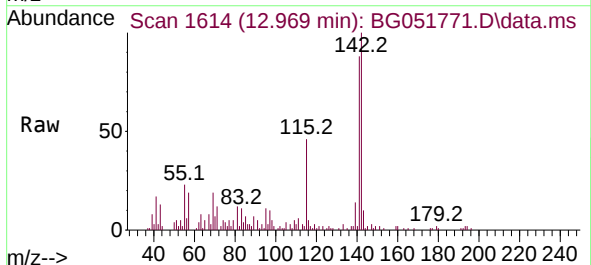
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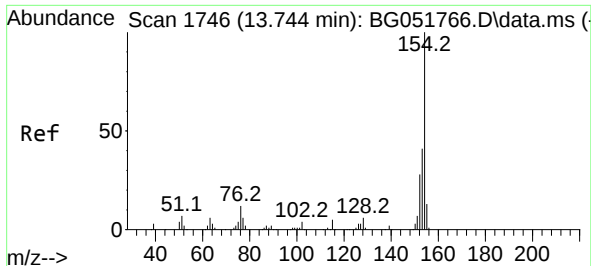
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/23/2021



#37
1-Methylnaphthalene
Concen: 5.513 ng/ul
RT: 12.969 min Scan# 1614
Delta R.T. -0.017 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Tgt Ion:142 Resp: 33688
Ion Ratio Lower Upper
142 100
141 87.8 77.8 116.8
116 4.9 3.3 4.9#





#43

1,1'-Biphenyl

Concen: 1.695 ng/ul

RT: 13.739 min Scan# 1745

Delta R.T. -0.017 min

Lab File: BG051771.D

Acq: 23 Dec 2021 5:23

Instrument :

BNA_G

ClientSampleId :

BGLB4

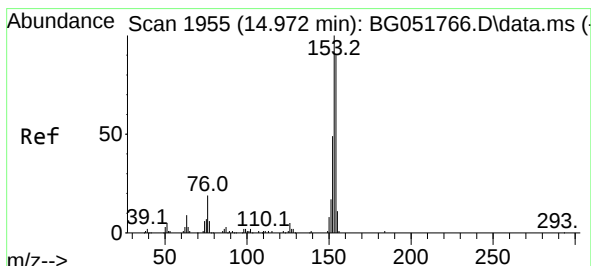
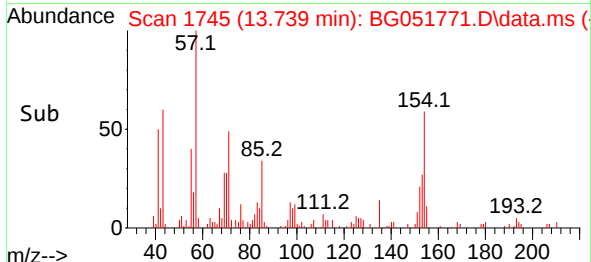
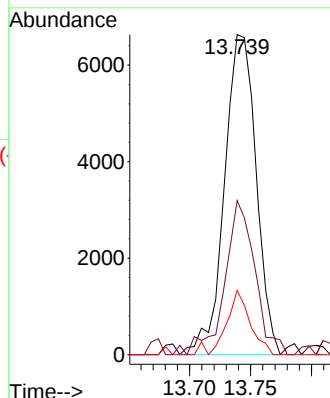
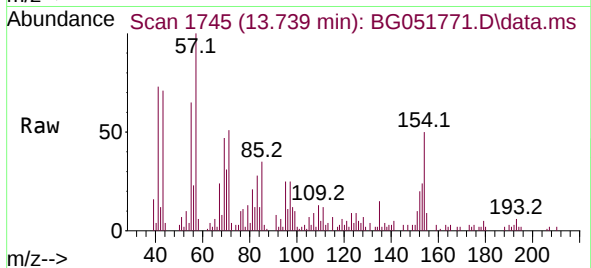
Tgt Ion:154 Resp: 12030

Ion	Ratio	Lower	Upper
154	100		
153	48.1	34.5	51.7
76	20.1	13.1	19.7

Manual Integrations

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#52

Acenaphthene

Concen: 3.103 ng/ul

RT: 14.973 min Scan# 1955

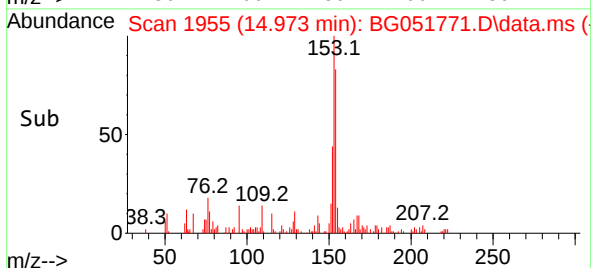
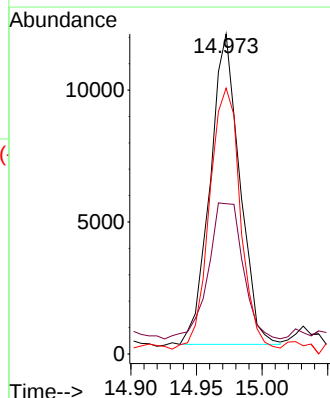
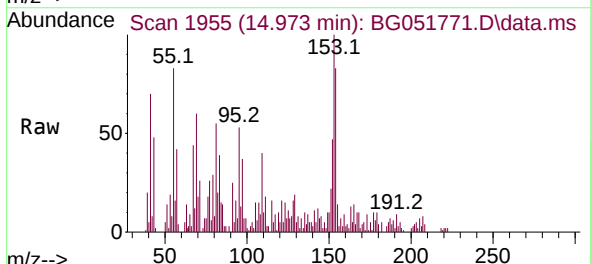
Delta R.T. -0.011 min

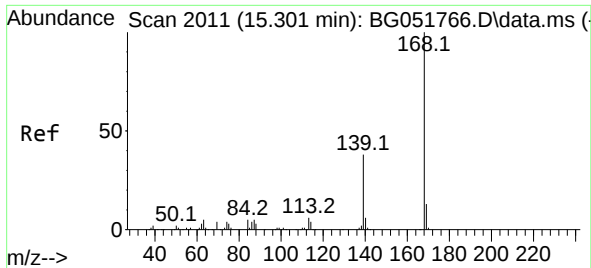
Lab File: BG051771.D

Acq: 23 Dec 2021 5:23

Tgt Ion:153 Resp: 18477

Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.5	54.7
154	83.1	65.8	98.6





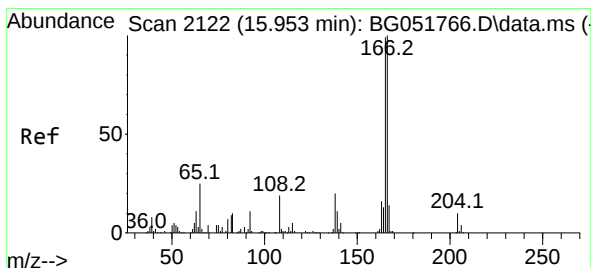
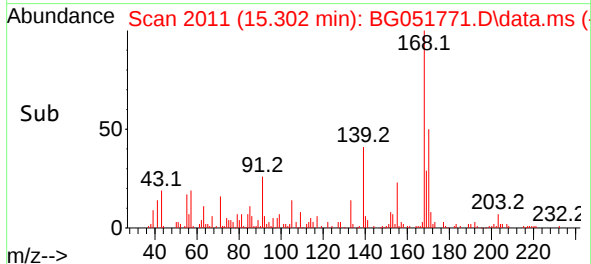
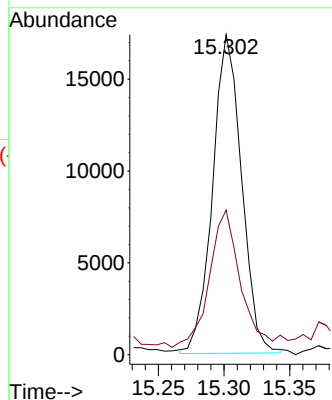
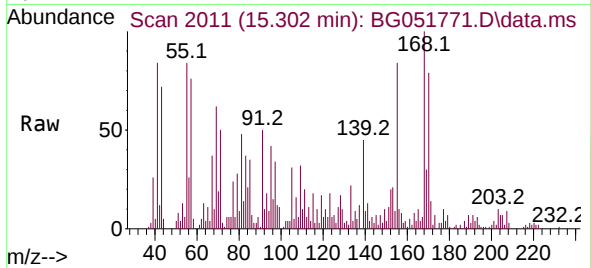
#56
Dibenzenofuran
Concen: 3.032 ng/ul
RT: 15.302 min Scan# 2011
Delta R.T. -0.017 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Instrument :
BNA_G
ClientSampleId :
BGLB4

Tgt Ion:168 Resp: 2658
Ion Ratio Lower Upper
168 100
139 45.2 31.2 46.8

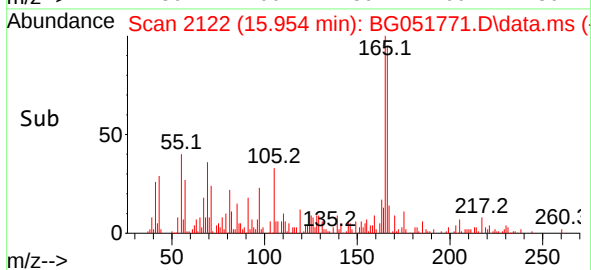
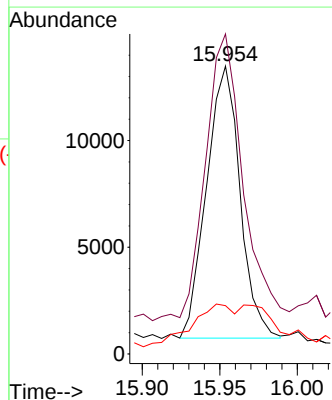
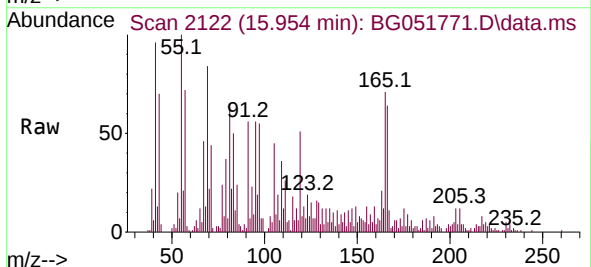
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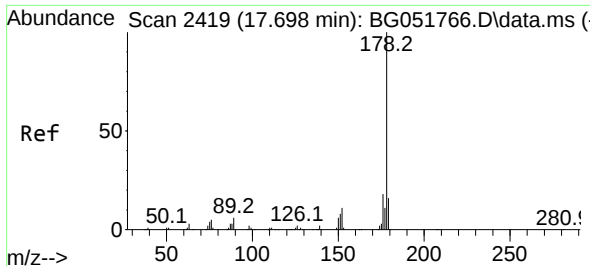
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/23/2021



#61
Fluorene
Concen: 2.649 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

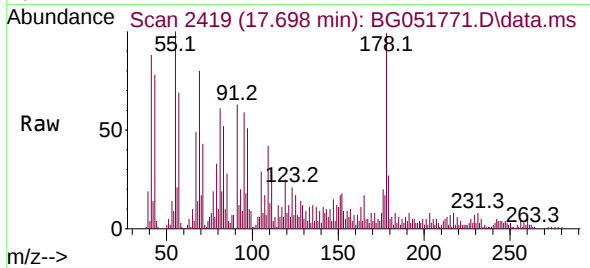
Tgt Ion:166 Resp: 19145
Ion Ratio Lower Upper
166 100
165 111.2 81.0 121.6
167 16.8 11.0 16.4#





#72
Phenanthrene
Concen: 4.542 ng/ul
RT: 17.698 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

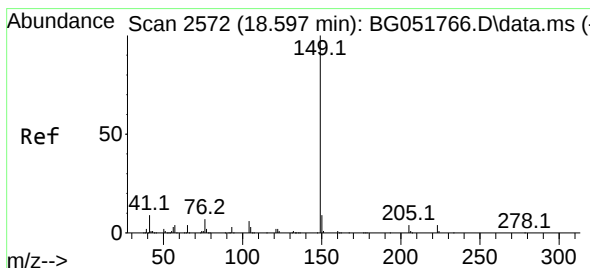
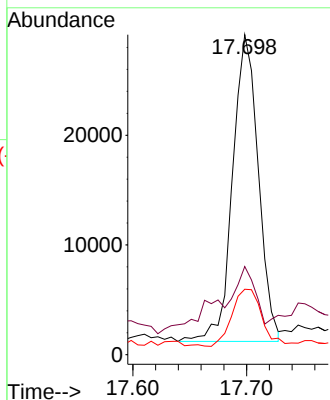
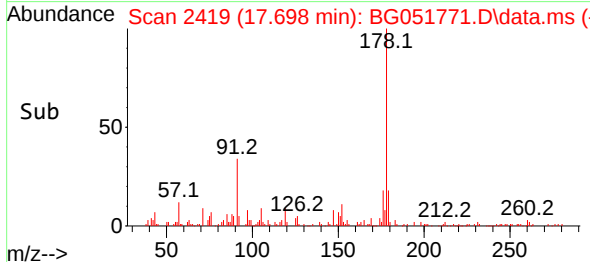
Instrument :
BNA_G
ClientSampleId :
BGLB4



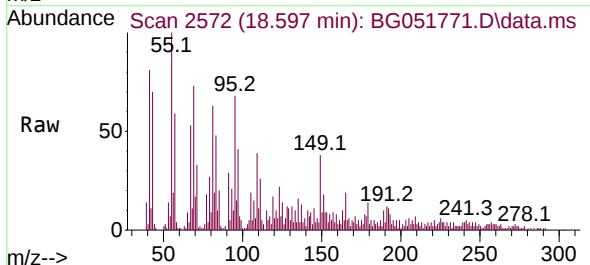
Tgt Ion:178 Resp: 4395
Ion Ratio Lower Upper
178 100
179 27.5 12.3 18.5#
176 20.5 15.5 23.3#

Manual Integrations
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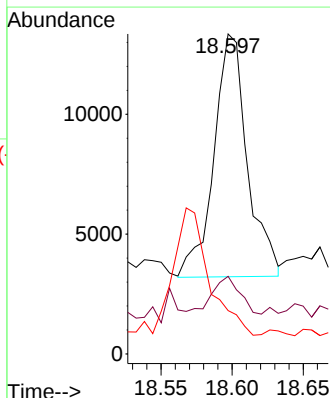
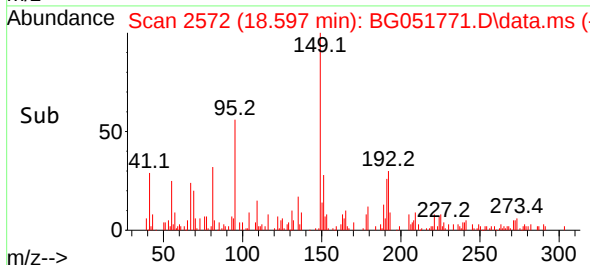
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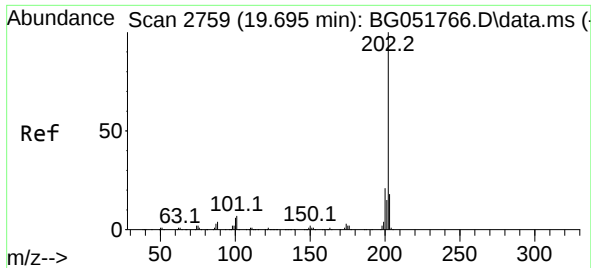


#78
Di-n-butylphthalate
Concen: 1.576 ng/ul
RT: 18.597 min Scan# 2572
Delta R.T. -0.017 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23



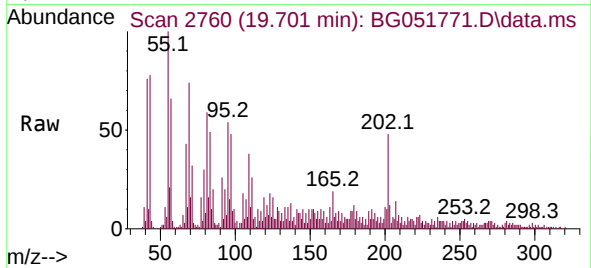
Tgt Ion:149 Resp: 16609
Ion Ratio Lower Upper
149 100
150 24.3 7.5 11.3#
104 13.5 5.0 7.6#





#80
Fluoranthene
Concen: 1.473 ng/ul
RT: 19.701 min Scan# 2760
Delta R.T. -0.005 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

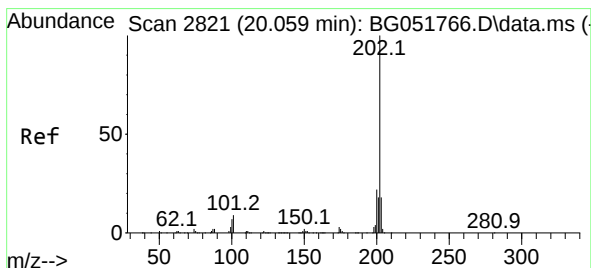
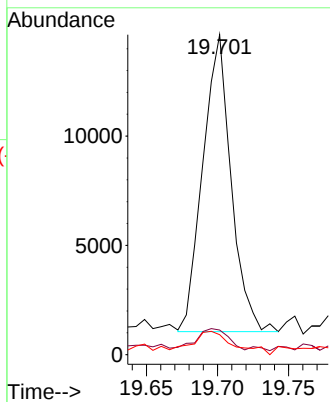
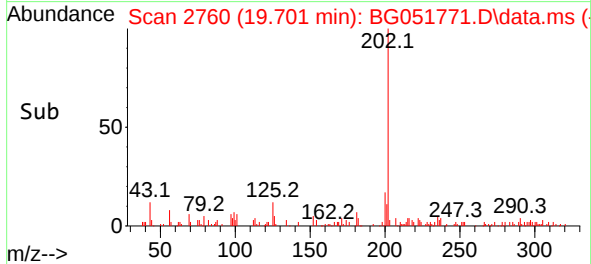
Instrument :
BNA_G
ClientSampleId :
BGLB4



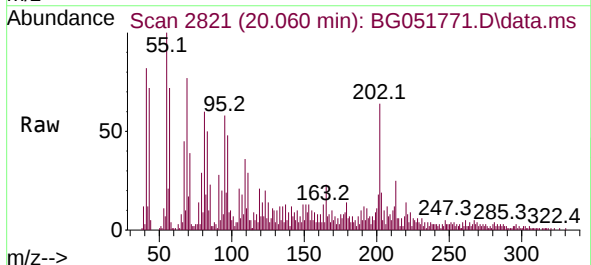
Tgt Ion:202 Resp: 18810
Ion Ratio Lower Upper
202 100
101 7.7 9.3 13.9
100 6.3 7.0 10.6

Manual Integrations
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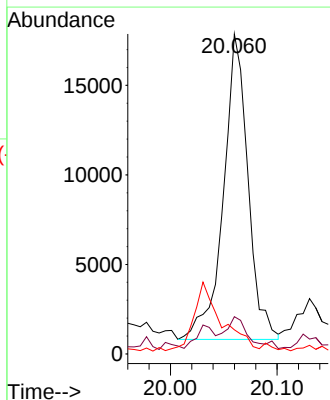
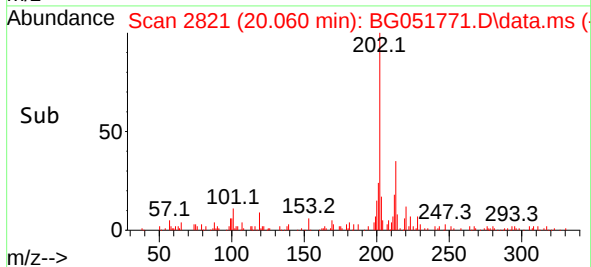
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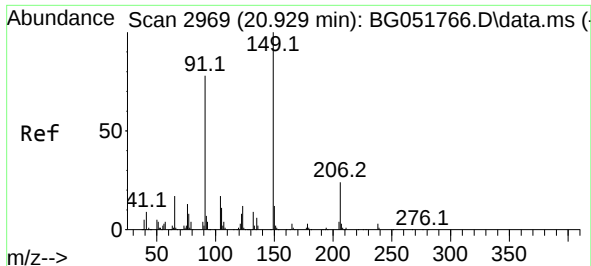


#82
Pyrene
Concen: 2.170 ng/ul
RT: 20.060 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23



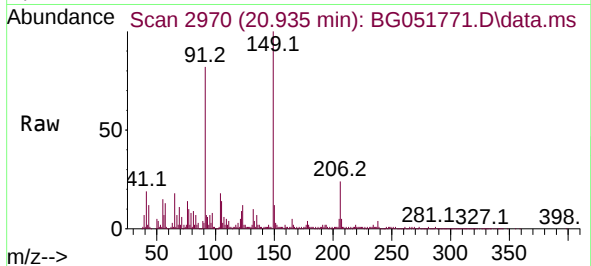
Tgt Ion:202 Resp: 27413
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 7.6 9.0 13.6





#83
Butylbenzylphthalate
Concen: 47.030 ng/ul m
RT: 20.935 min Scan# 20924
Delta R.T. -0.011 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

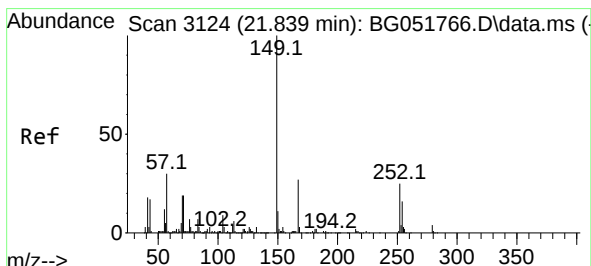
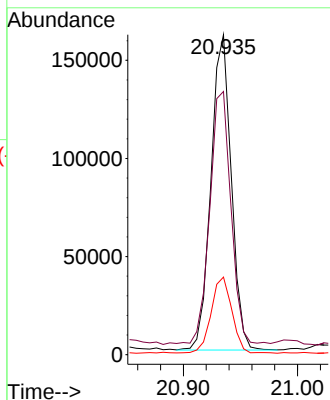
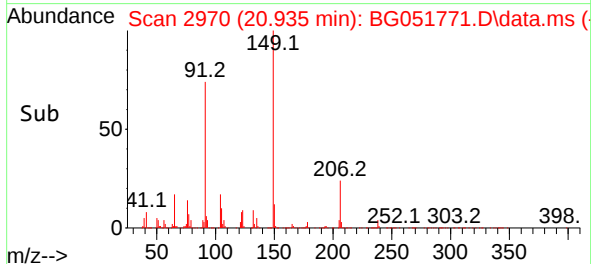
Instrument :
BNA_G
ClientSampleId :
BGLB4



Tgt Ion:149 Resp: 199249
Ion Ratio Lower Upper
149 100
91 82.3 65.2 97.8
206 24.2 16.2 24.2

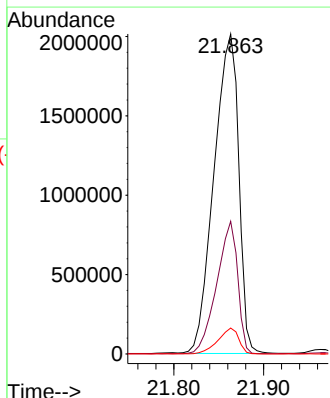
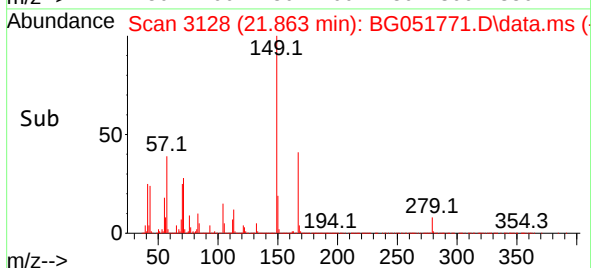
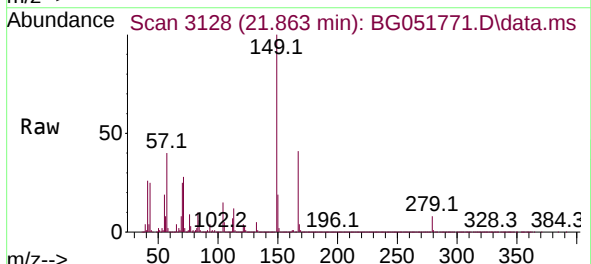
Manual Integrations
APPROVED

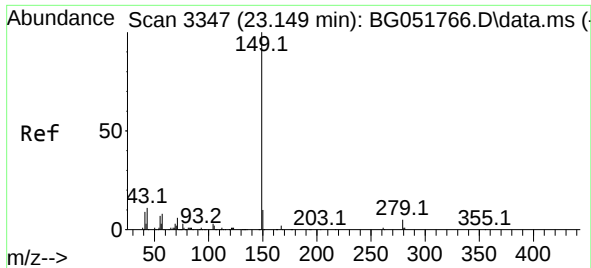
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/23/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 647.029 ng/ul
RT: 21.863 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Tgt Ion:149 Resp: 3839772
Ion Ratio Lower Upper
149 100
167 41.5 21.1 31.7#
279 8.1 2.7 4.1#





#89
Di-n-octyl phthalate
Concen: 17.902 ng/ul
RT: 23.156 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG051771.D
Acq: 23 Dec 2021 5:23

Instrument :
BNA_G
ClientSampleId :
BGLB4

Tgt Ion:149 Resp: 186918

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/23/2021

