

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051562.D
 Acq On : 16 Dec 2021 8:37
 Operator : CG/JU
 Sample : M5013-04DL 10X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 16 09:20:39 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	8.276	152	42728	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.125	136	208102m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.914	164	122754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.658	188	305352	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.975	240	333310	20.000	ng/u1	#-0.01
88) Perylene-d12	25.471	264	336227	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	457	0.444	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.401	99	4159	1.090	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.583	67	6607	2.913	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.795	132	6540	2.465	ng/u1	-0.02
15) 4-Methylphenol-d8	8.969	113	5919	2.007	ng/u1	-0.01
21) Nitrobenzene-d5	9.445	128	3473	2.276	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.180	143	3786	2.270	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.732	165	7642	2.113	ng/u1	0.00
31) 4-Chloroaniline-d4	11.260	131	2546m	0.535	ng/u1	0.02
46) Dimethylphthalate-d6	14.303	166	27128	2.761	ng/u1	-0.01
49) Acenaphthylene-d8	14.609	160	33573	2.751	ng/u1	0.00
54) 4-Nitrophenol-d4	15.061	143	1571	0.983	ng/u1	-0.02
60) Fluorene-d10	15.895	176	24302	2.761	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	3954	2.485	ng/u1	-0.02
73) Anthracene-d10	17.758	188	42402	2.911	ng/u1	0.00
81) Pyrene-d10	20.031	212	56345	2.809	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.224	264	50486	2.854	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	11.202	128	6208481	553.757	ng/u1#	75
36) 2-Methylnaphthalene	12.764	142	636429	79.568	ng/u1	98
37) 1-Methylnaphthalene	12.976	142	303849	36.586	ng/u1#	95
43) 1,1'-Biphenyl	13.751	154	107689	11.453	ng/u1#	92
52) Acenaphthene	14.973	153	166281	21.083	ng/u1	96
56) Dibenzofuran	15.308	168	283648	24.420	ng/u1	99
61) Fluorene	15.954	166	133366	13.935	ng/u1	98
72) Phenanthrene	17.699	178	162278	10.332	ng/u1	99
77) Carbazole	18.051	167	281406	19.806	ng/u1	99

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

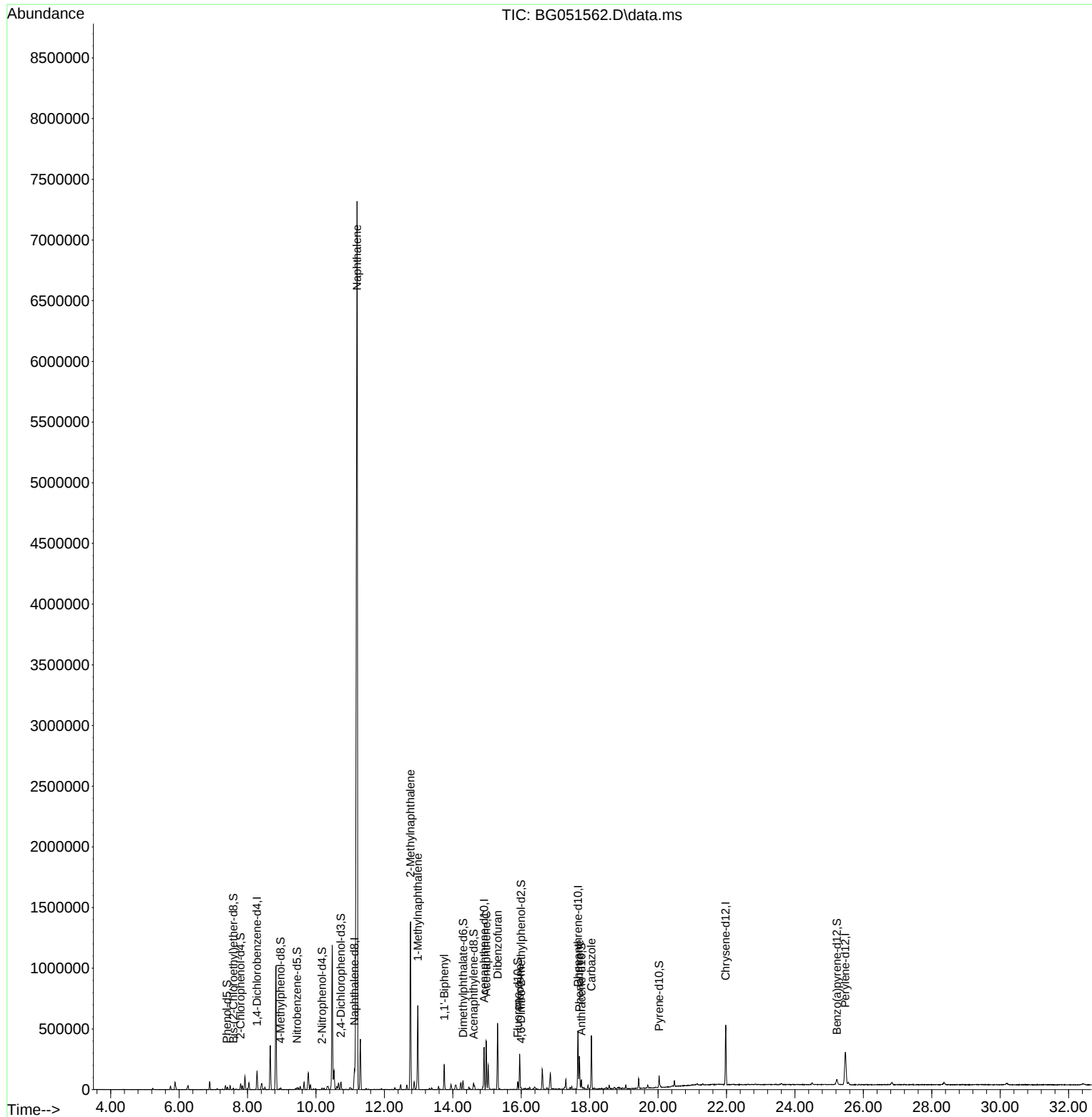
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051562.D
Acq On : 16 Dec 2021 8:37
Operator : CG/JU
Sample : M5013-04DL 10X
Misc :
ALS Vial : 61 Sample Multiplier: 1

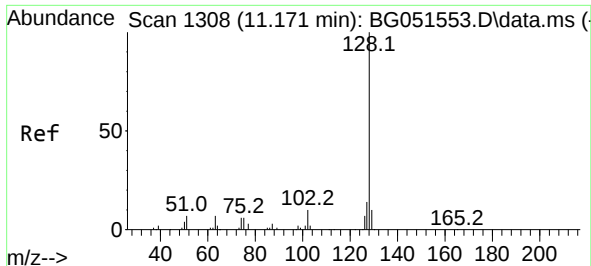
Instrument :
BNA_G
ClientSampleId :
DBLT3DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

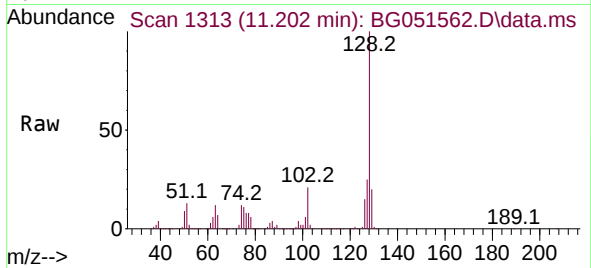
Quant Time: Dec 16 09:20:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 553.757 ng/ul
RT: 11.202 min Scan# 111
Delta R.T. 0.025 min
Lab File: BG051562.D
Acq: 16 Dec 2021 8:37

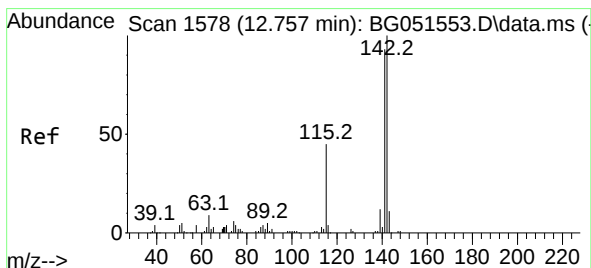
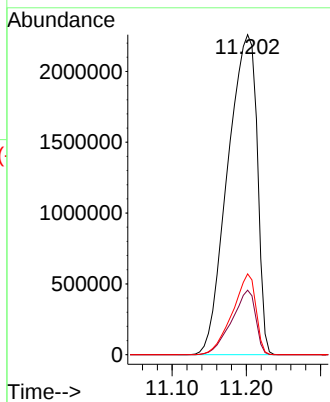
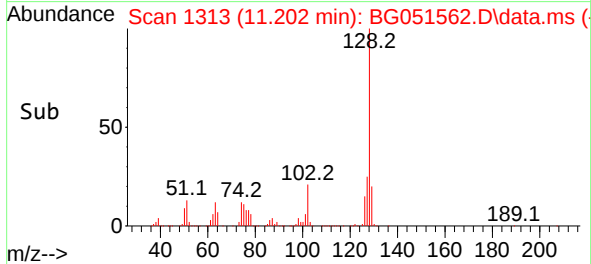
Instrument :
BNA_G
ClientSampleId :
DBLT3DL



Tgt Ion:128 Resp: 620848
Ion Ratio Lower Upper
128 100
129 20.2 8.5 12.7
127 25.2 11.8 17.6

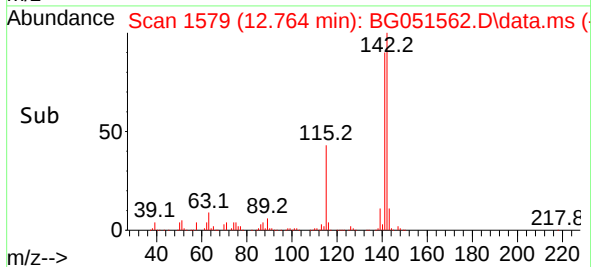
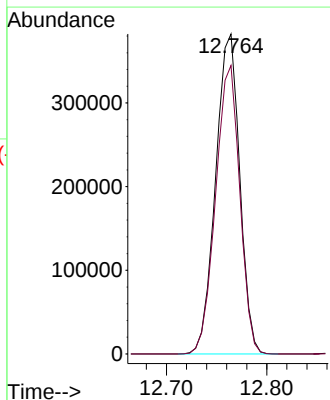
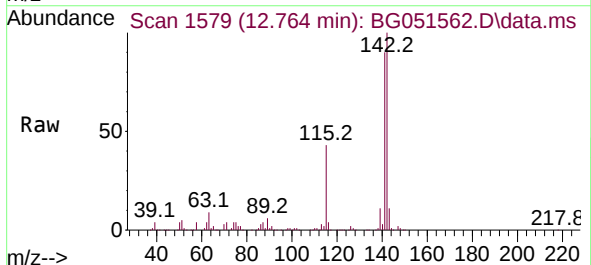
Manual Integrations
APPROVED

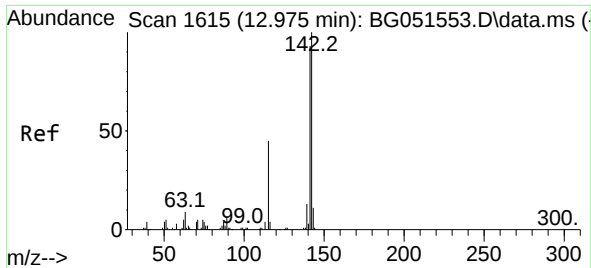
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#36
2-Methylnaphthalene
Concen: 79.568 ng/ul
RT: 12.764 min Scan# 1579
Delta R.T. -0.005 min
Lab File: BG051562.D
Acq: 16 Dec 2021 8:37

Tgt Ion:142 Resp: 636429
Ion Ratio Lower Upper
142 100
141 90.1 73.3 109.9





#37

1-Methylnaphthalene

Concen: 36.586 ng/ul

RT: 12.976 min Scan# 1615

Delta R.T. -0.010 min

Lab File: BG051562.D

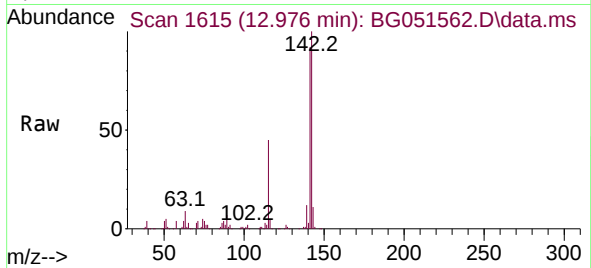
Acq: 16 Dec 2021 8:37

Instrument :

BNA_G

ClientSampleId :

DBLT3DL



Tgt Ion:142 Resp: 303849

Ion Ratio Lower Upper

142 100

141 92.3 77.8 116.8

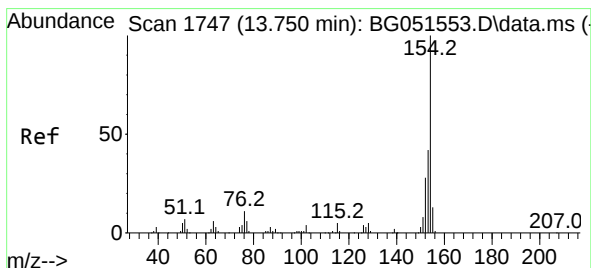
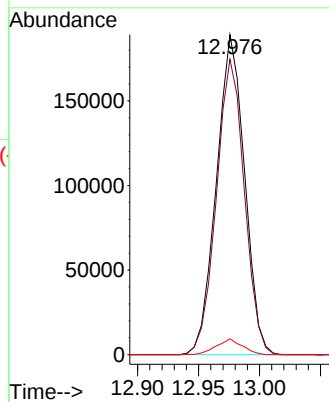
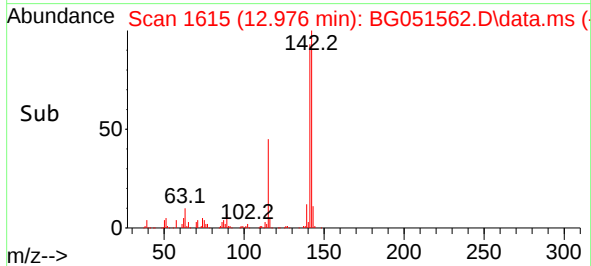
116 5.0 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021

Supervised By :Yogesh Patel 12/23/2021



#43

1,1'-Biphenyl

Concen: 11.453 ng/ul

RT: 13.751 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG051562.D

Acq: 16 Dec 2021 8:37

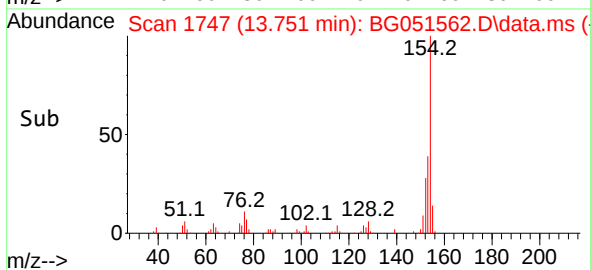
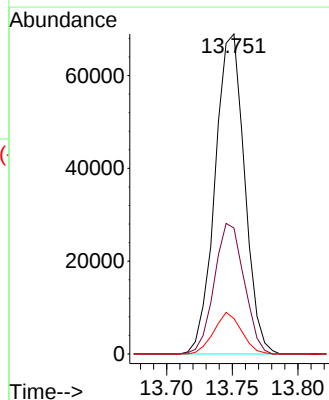
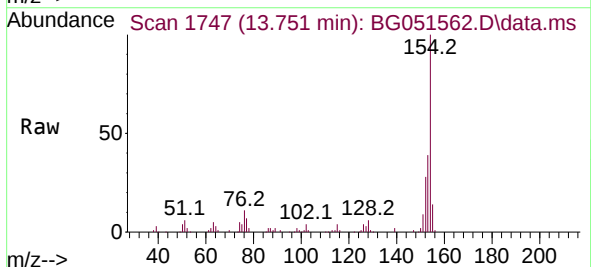
Tgt Ion:154 Resp: 107689

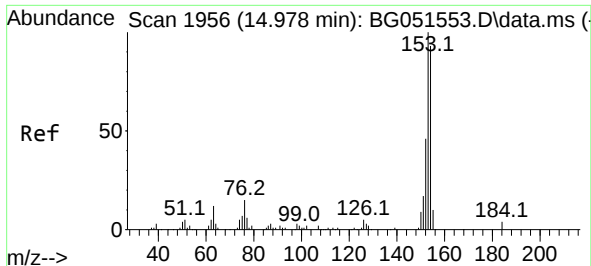
Ion Ratio Lower Upper

154 100

153 39.4 34.5 51.7

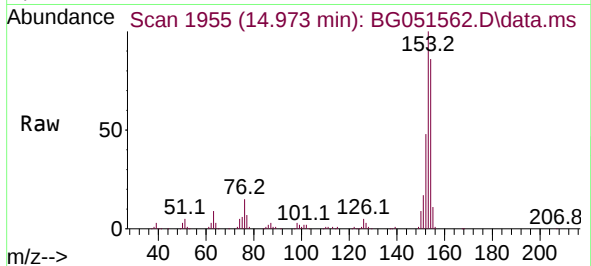
76 11.0 13.1 19.7





#52
Acenaphthene
Concen: 21.083 ng/u1
RT: 14.973 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BG051562.D
Acq: 16 Dec 2021 8:37

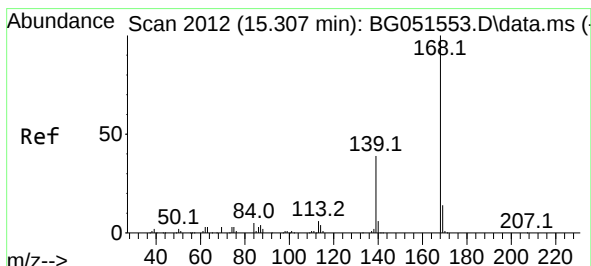
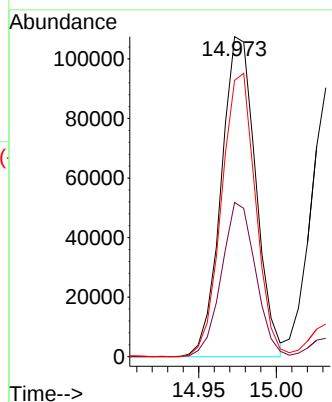
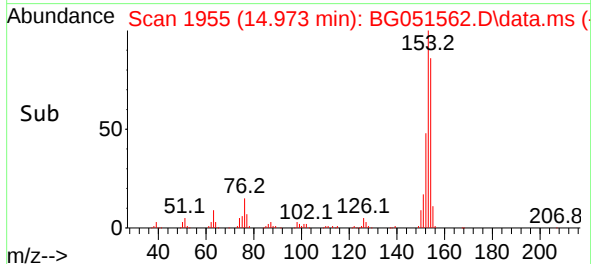
Instrument :
BNA_G
ClientSampleId :
DBLT3DL



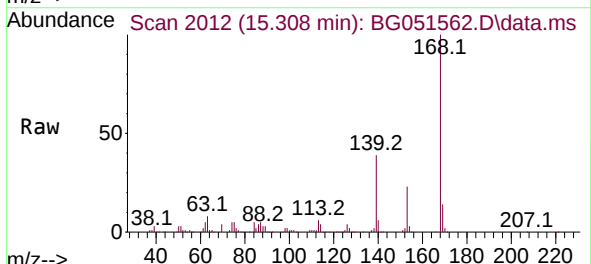
Tgt Ion:153 Resp: 16628
Ion Ratio Lower Upper
153 100
152 48.2 36.5 54.7
154 86.3 65.8 98.6

Manual Integrations
APPROVED

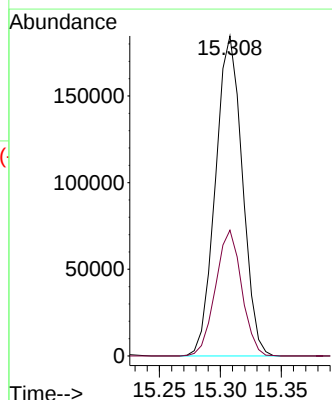
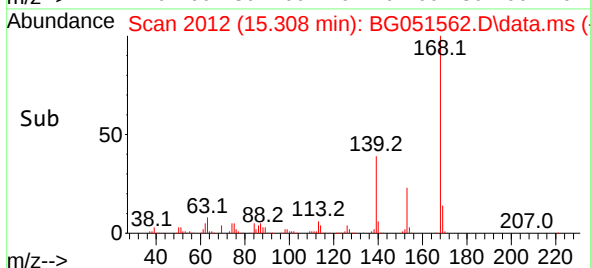
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

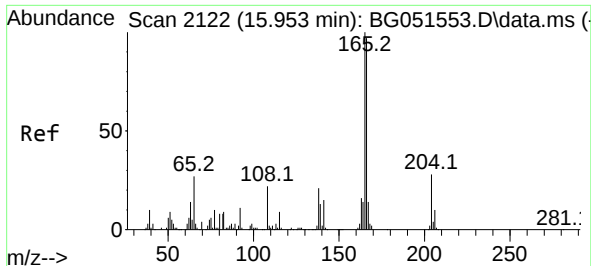


#56
Dibenzofuran
Concen: 24.420 ng/u1
RT: 15.308 min Scan# 2012
Delta R.T. -0.010 min
Lab File: BG051562.D
Acq: 16 Dec 2021 8:37



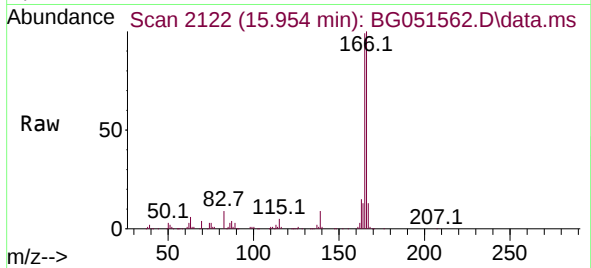
Tgt Ion:168 Resp: 283648
Ion Ratio Lower Upper
168 100
139 39.3 31.2 46.8





#61
Fluorene
Concen: 13.935 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.010 min
Lab File: BG051562.D
Acq: 16 Dec 2021 8:37

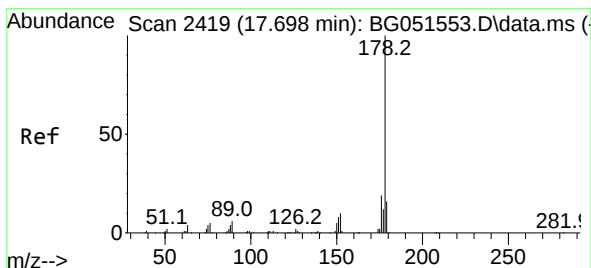
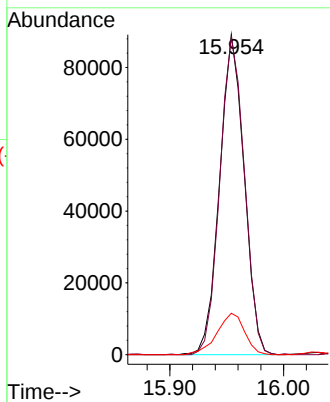
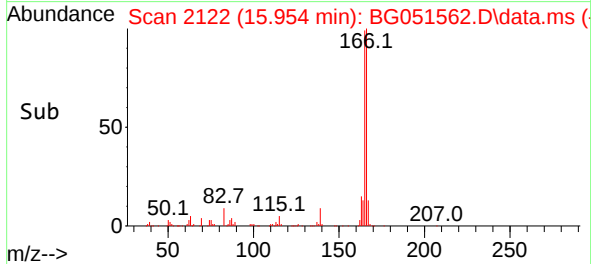
Instrument :
BNA_G
ClientSampleId :
DBLT3DL



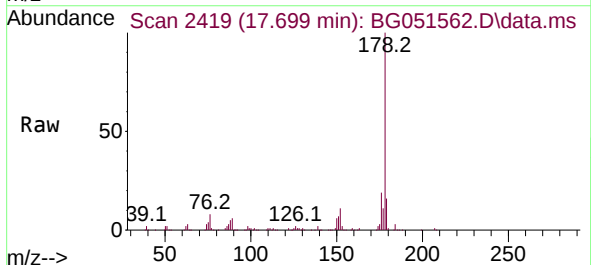
Tgt Ion:166 Resp: 133360
Ion Ratio Lower Upper
166 100
165 99.3 81.0 121.6
167 12.9 11.0 16.4

Manual Integrations
APPROVED

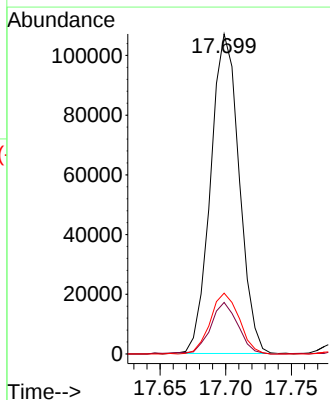
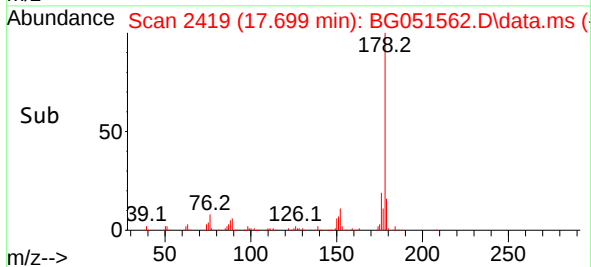
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

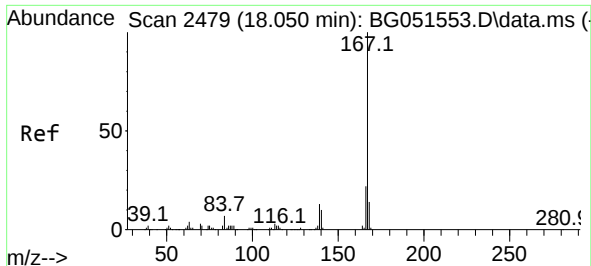


#72
Phenanthrene
Concen: 10.332 ng/ul
RT: 17.699 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG051562.D
Acq: 16 Dec 2021 8:37



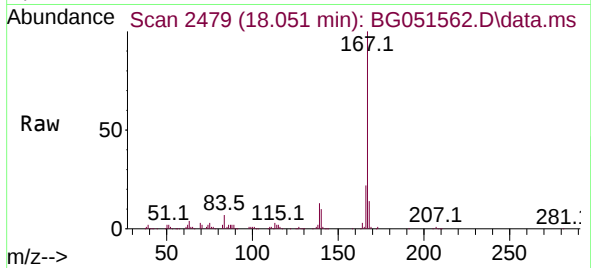
Tgt Ion:178 Resp: 162278
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.0 15.5 23.3





#77
 Carbazole
 Concen: 19.806 ng/ul
 RT: 18.051 min Scan# 2479
 Delta R.T. -0.010 min
 Lab File: BG051562.D
 Acq: 16 Dec 2021 8:37

Instrument :
 BNA_G
 ClientSampleId :
 DBLT3DL



Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	12.8	10.6	16.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

