

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051541.D
 Acq On : 15 Dec 2021 17:40
 Operator : CG/JU
 Sample : M5013-01DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLTODL

Manual Integrations
 APPROVED

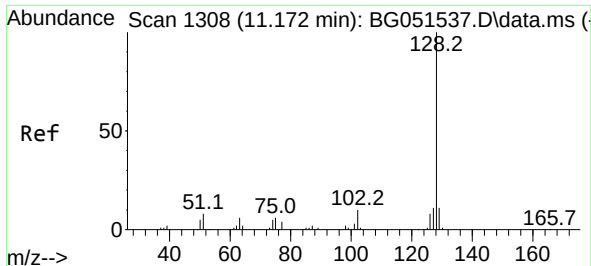
Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 15 23:25:03 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)

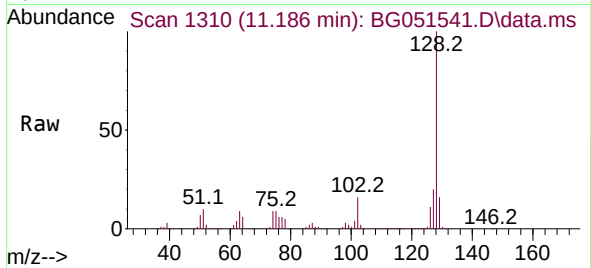
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	32611	20.000	ng/u1	0.00
20) Naphthalene-d8	11.122	136	132267	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.911	164	91959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.654	188	225993	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.972	240	236305	20.000	ng/u1 #	-0.01
88) Perylene-d12	25.467	264	230131	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.614	96	718	0.914	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.403	99	8637	2.966	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.585	67	13150	7.597	ng/u1	0.00
11) 2-Chlorophenol-d4	7.803	132	14456	7.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.966	113	12472	5.541	ng/u1	-0.01
21) Nitrobenzene-d5	9.447	128	7222	7.447	ng/u1	0.00
24) 2-Nitrophenol-d4	10.182	143	8413	7.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	15974	6.949	ng/u1	0.00
31) 4-Chloroaniline-d4	11.233	131	4862m	1.606	ng/u1	0.00
46) Dimethylphthalate-d6	14.300	166	54227	7.367	ng/u1	-0.01
49) Acenaphthylene-d8	14.605	160	66468	7.271	ng/u1	0.00
54) 4-Nitrophenol-d4	15.069	143	3068	2.563	ng/u1	0.00
60) Fluorene-d10	15.903	176	46808	7.098	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	8358	7.098	ng/u1	-0.02
73) Anthracene-d10	17.754	188	79940	7.415	ng/u1	0.00
81) Pyrene-d10	20.027	212	103262	7.261	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.220	264	90210	7.450	ng/u1	-0.03
Target Compounds						
					Qvalue	
30) Naphthalene	11.186	128	4373054	613.682	ng/u1#	86
36) 2-Methylnaphthalene	12.766	142	1014693	199.595	ng/u1	100
37) 1-Methylnaphthalene	12.978	142	541807	102.643	ng/u1	96
43) 1,1'-Biphenyl	13.747	154	174640	24.792	ng/u1#	95
52) Acenaphthene	14.981	153	604093	102.241	ng/u1	97
56) Dibenzofuran	15.310	168	504511	57.979	ng/u1	99
61) Fluorene	15.956	166	282164	39.355	ng/u1	99
72) Phenanthrene	17.701	178	464667	39.975	ng/u1	98
77) Carbazole	18.053	167	284382	27.045	ng/u1	98
80) Fluoranthene	19.692	202	38142	2.336	ng/u1#	88

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



#30
Naphthalene
Concen: 613.682 ng/ul
RT: 11.186 min Scan# 1110
Delta R.T. 0.009 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

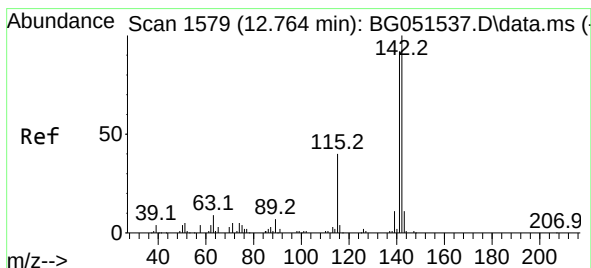
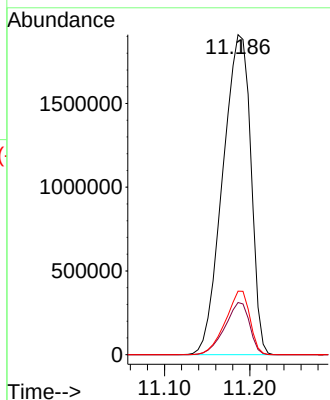
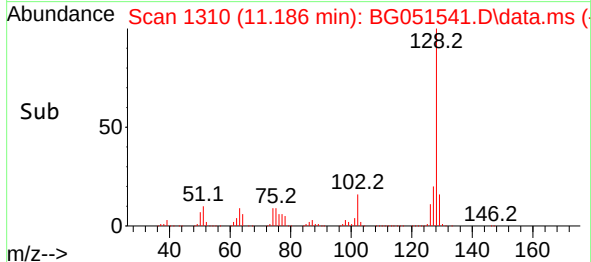
Instrument :
BNA_G
ClientSampleId :
DBLT0DL



Tgt Ion:128 Resp: 4373054
Ion Ratio Lower Upper
128 100
129 16.3 8.5 12.7
127 19.9 11.8 17.6

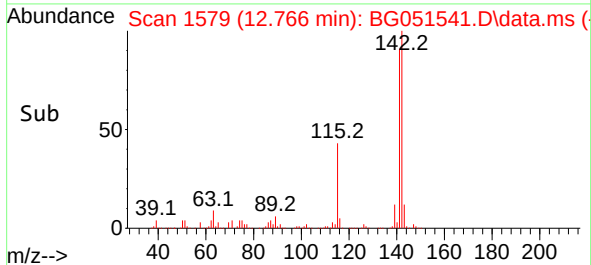
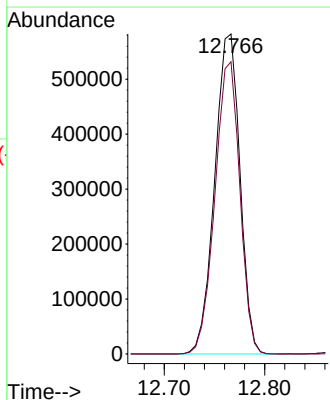
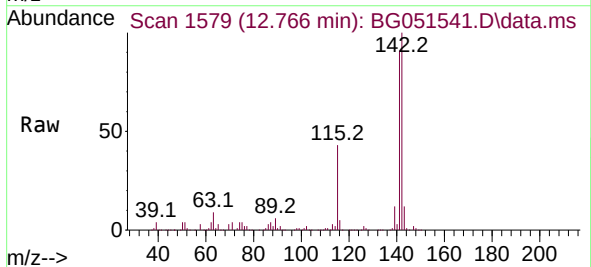
Manual Integrations
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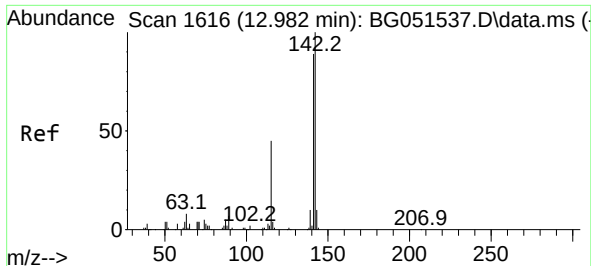
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#36
2-Methylnaphthalene
Concen: 199.595 ng/ul
RT: 12.766 min Scan# 1579
Delta R.T. -0.002 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

Tgt Ion:142 Resp: 1014693
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9





#37

1-Methylnaphthalene

Concen: 102.643 ng/ul

RT: 12.978 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG051541.D

Acq: 15 Dec 2021 17:40

Instrument :

BNA_G

ClientSampleId :

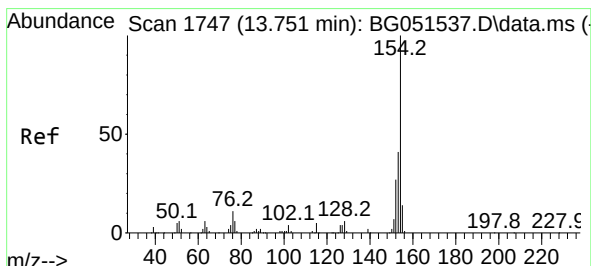
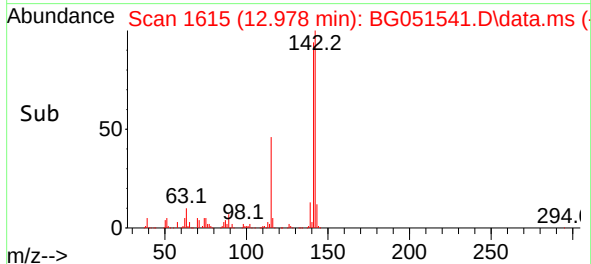
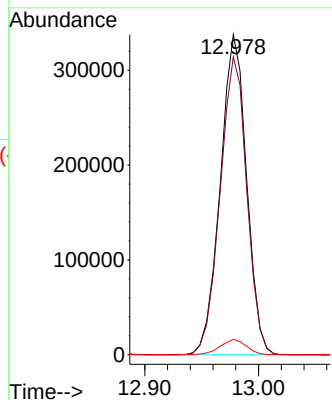
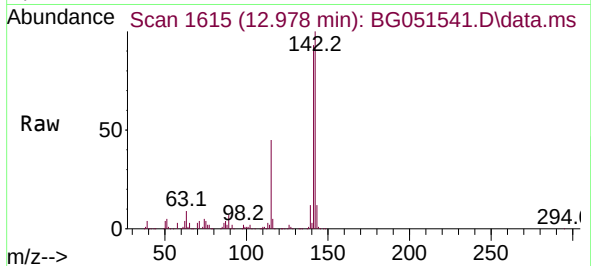
DBLTODL

Tgt Ion:	142	Resp:	54180
Ion Ratio	Lower	Upper	
142	100		
141	93.1	77.8	116.8
116	4.8	3.3	4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 24.792 ng/ul

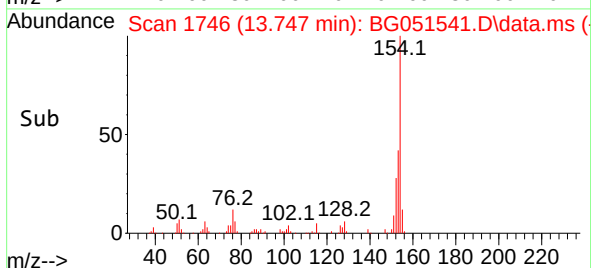
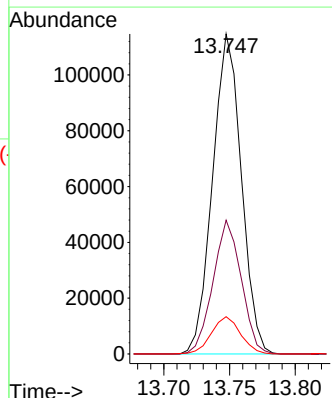
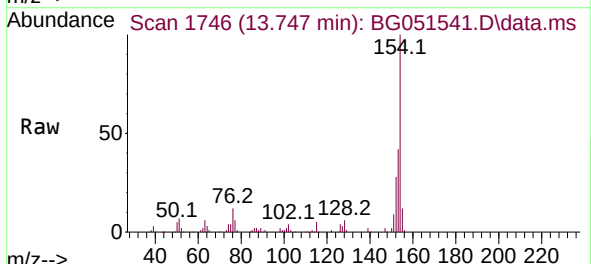
RT: 13.747 min Scan# 1746

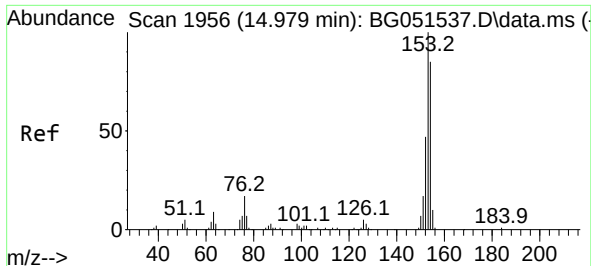
Delta R.T. -0.008 min

Lab File: BG051541.D

Acq: 15 Dec 2021 17:40

Tgt Ion:	154	Resp:	174640
Ion Ratio	Lower	Upper	
154	100		
153	41.8	34.5	51.7
76	11.6	13.1	19.7





#52
Acenaphthene
Concen: 102.241 ng/ul
RT: 14.981 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

Instrument :

BNA_G

ClientSampleId :

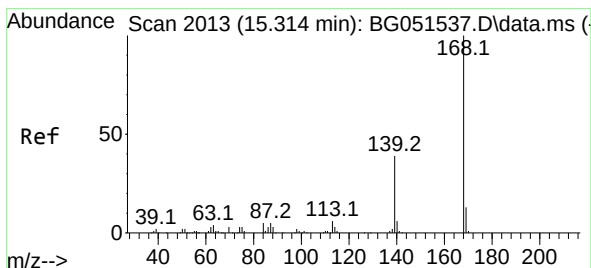
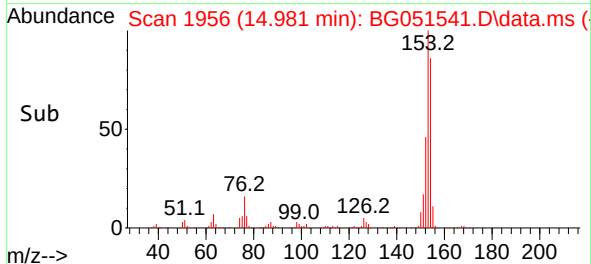
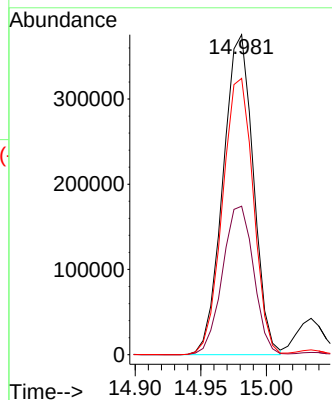
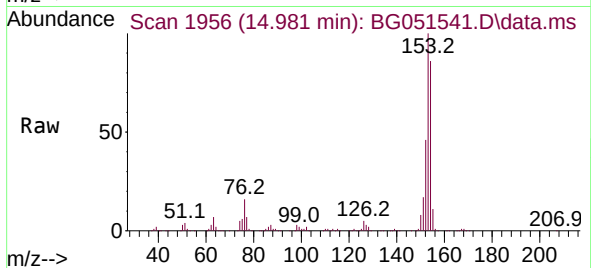
DBLTODL

Tgt Ion:153 Resp: 60409
Ion Ratio Lower Upper
153 100
152 46.4 36.5 54.7
154 86.4 65.8 98.6

Manual Integrations

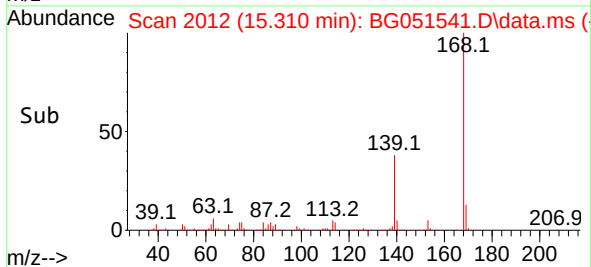
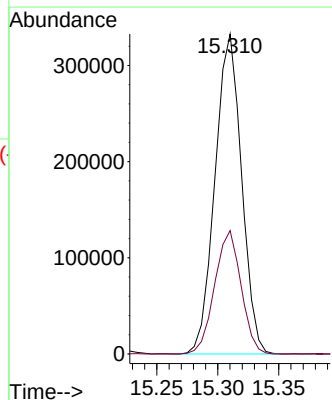
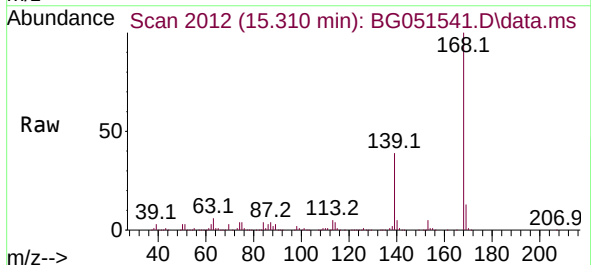
APPROVED

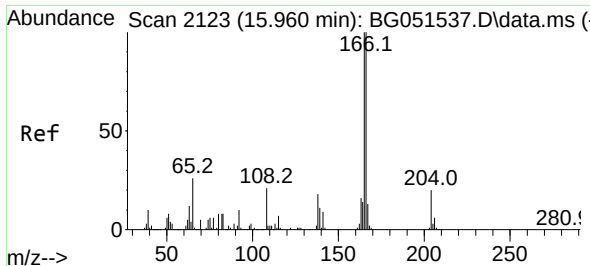
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021



#56
Dibenzofuran
Concen: 57.979 ng/ul
RT: 15.310 min Scan# 2012
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

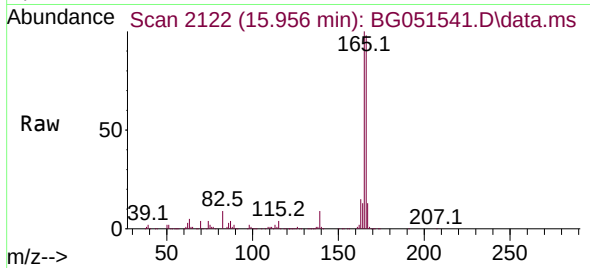
Tgt Ion:168 Resp: 504511
Ion Ratio Lower Upper
168 100
139 38.5 31.2 46.8





#61
Fluorene
Concen: 39.355 ng/ul
RT: 15.956 min Scan# 2122
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40

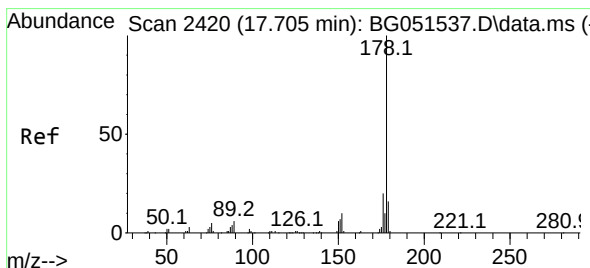
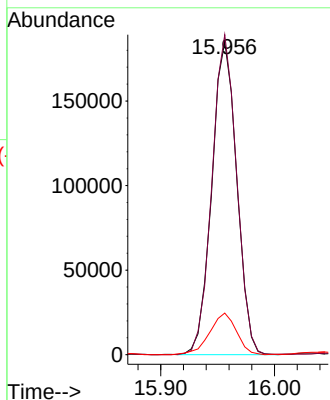
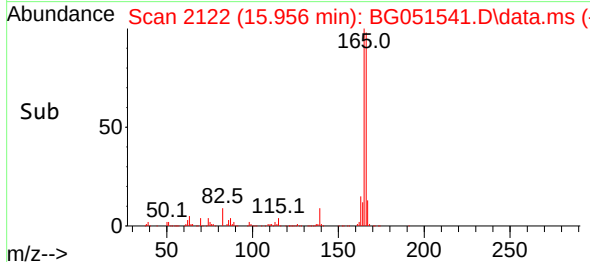
Instrument :
BNA_G
ClientSampleId :
DBLT0DL



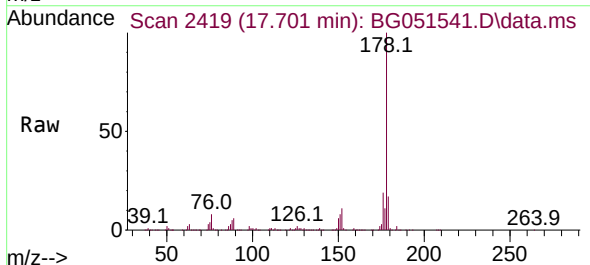
Tgt Ion:166 Resp: 282164
Ion Ratio Lower Upper
166 100
165 102.3 81.0 121.6
167 13.3 11.0 16.4

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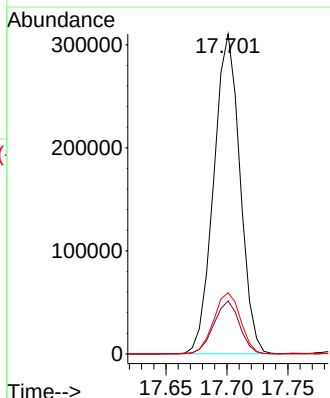
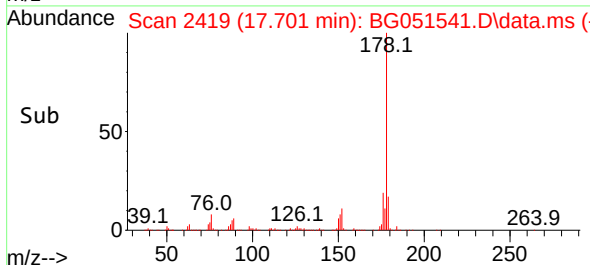
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

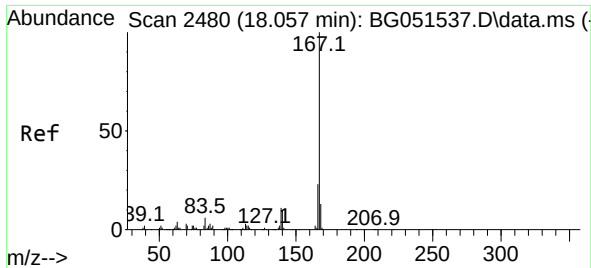


#72
Phenanthrene
Concen: 39.975 ng/ul
RT: 17.701 min Scan# 2419
Delta R.T. -0.008 min
Lab File: BG051541.D
Acq: 15 Dec 2021 17:40



Tgt Ion:178 Resp: 464667
Ion Ratio Lower Upper
178 100
179 16.6 12.3 18.5
176 19.1 15.5 23.3





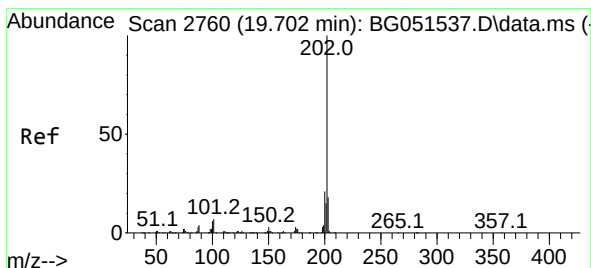
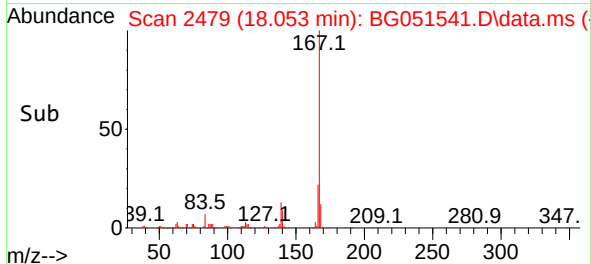
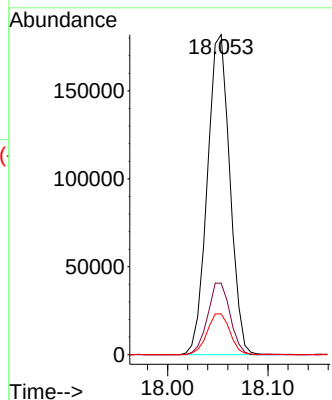
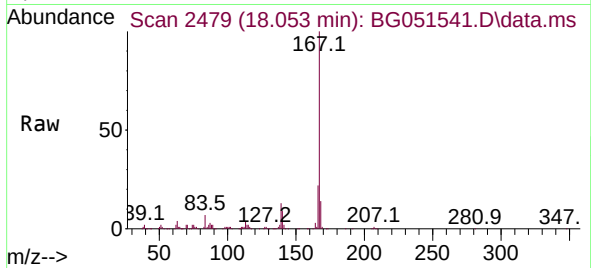
#77
 Carbazole
 Concen: 27.045 ng/ul
 RT: 18.053 min Scan# 2480
 Delta R.T. -0.008 min
 Lab File: BG051541.D
 Acq: 15 Dec 2021 17:40

Instrument :
 BNA_G
 ClientSampleId :
 DBLTODL

Tgt Ion:167 Resp: 28438
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.3 25.9
 139 12.7 10.6 16.0

Manual Integrations
 APPROVED

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 Supervised By :Yogesh Patel 12/23/2021



#80
 Fluoranthene
 Concen: 2.336 ng/ul
 RT: 19.692 min Scan# 2758
 Delta R.T. -0.014 min
 Lab File: BG051541.D
 Acq: 15 Dec 2021 17:40

Tgt Ion:202 Resp: 38142
 Ion Ratio Lower Upper
 202 100
 101 6.7 9.3 13.9#
 100 5.3 7.0 10.6#

