

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051580.D
 Acq On : 16 Dec 2021 21:35
 Operator : CG/JU
 Sample : M5013-01DL2 50X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLT0DL2

Quant Time: Dec 17 00:13:30 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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/17/2021
 Supervised By :Yogesh Patel 12/23/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	30382	20.000	ng/u1	0.00
20) Naphthalene-d8	11.118	136	122051	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.913	164	91337	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.656	188	228356m	20.000	ng/u1	0.00
79) Chrysene-d12	21.980	240	233113	20.000	ng/u1	# 0.00
88) Perylene-d12	25.475	264	232692	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.399	99	656	0.242	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.587	67	970	0.601	ng/u1	0.00
11) 2-Chlorophenol-d4	7.805	132	1401	0.743	ng/u1	0.00
15) 4-Methylphenol-d8	8.968	113	1180	0.563	ng/u1	-0.01
21) Nitrobenzene-d5	9.450	128	675	0.754	ng/u1	0.00
24) 2-Nitrophenol-d4	10.172	143	773m	0.790	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.724	165	1608	0.758	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.302	166	4948	0.677	ng/u1	-0.01
49) Acenaphthylene-d8	14.607	160	6068	0.668	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.900	176	4696	0.717	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.756	188	8501	0.780	ng/u1	0.00
81) Pyrene-d10	20.029	212	9595	0.684	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.234	264	8666	0.708	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.171	128	504814	76.772	ng/u1	99
36) 2-Methylnaphthalene	12.757	142	99366	21.182	ng/u1	96
37) 1-Methylnaphthalene	12.974	142	54764	11.243	ng/u1	90
43) 1,1'-Biphenyl	13.750	154	16155	2.309	ng/u1#	91
52) Acenaphthene	14.977	153	61418	10.466	ng/u1	94
56) Dibenzofuran	15.306	168	50227	5.811	ng/u1	99
61) Fluorene	15.953	166	28627	4.020	ng/u1	93
72) Phenanthrene	17.703	178	46792	3.984	ng/u1	97
77) Carbazole	18.056	167	27450	2.583	ng/u1	94

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

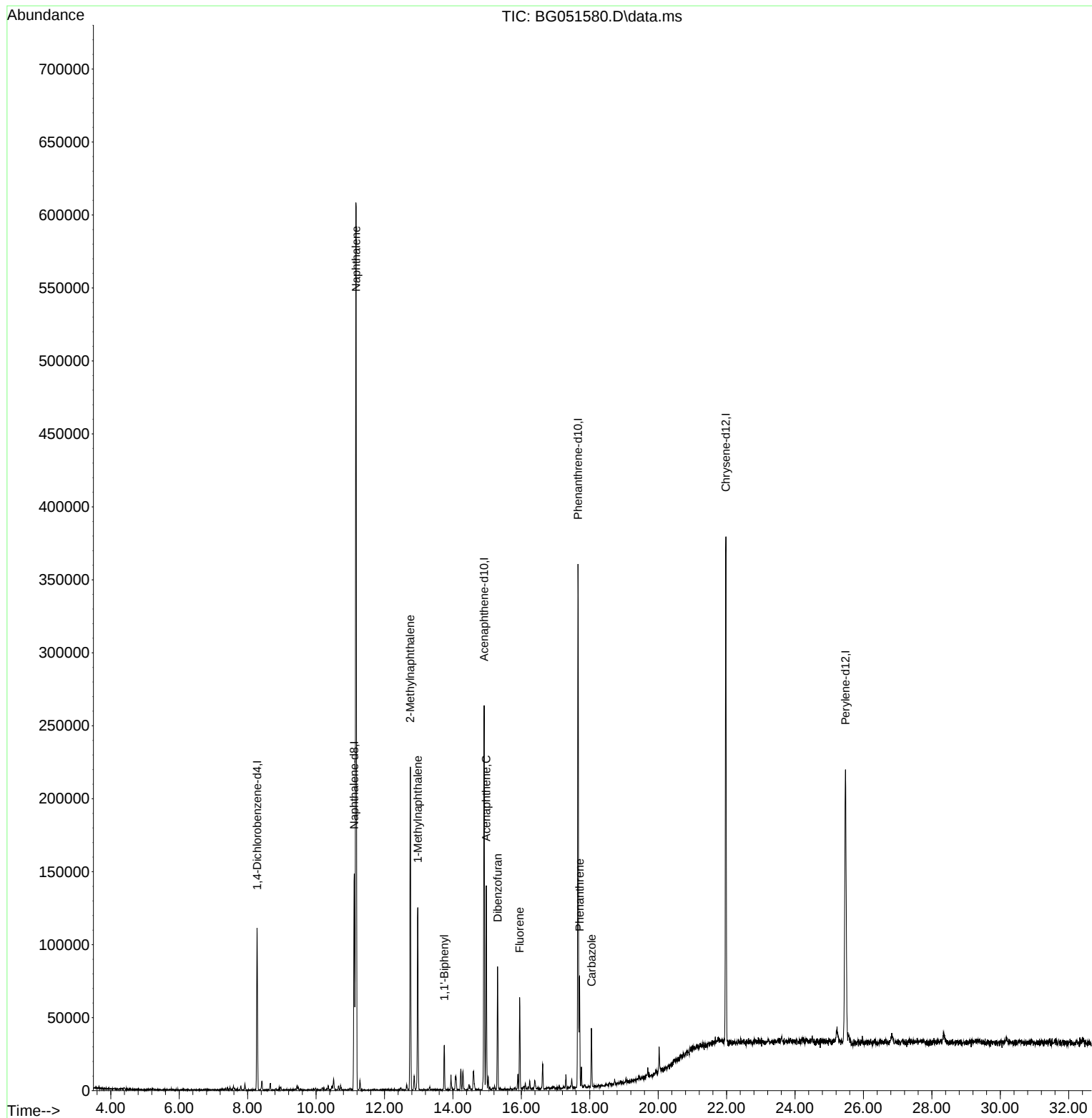
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051580.D
Acq On : 16 Dec 2021 21:35
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Misc :
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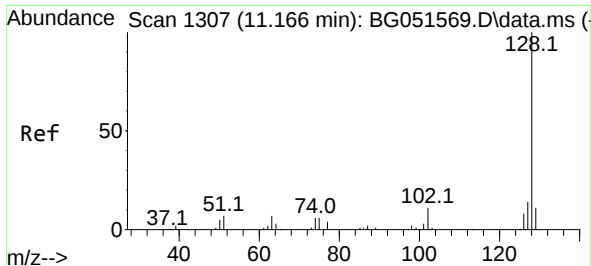
Instrument :
BNA_G
ClientSampleId :
DBLT0DL2

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Supervised By :Yogesh Patel 12/23/2021

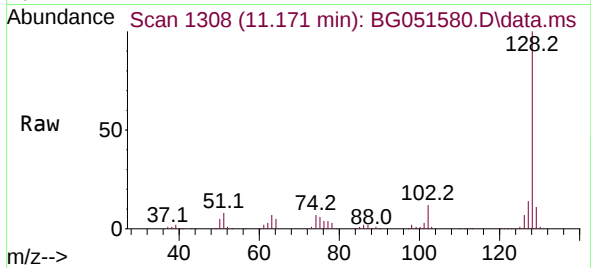
Quant Time: Dec 17 00:13:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 76.772 ng/ul
RT: 11.171 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG051580.D
Acq: 16 Dec 2021 21:35

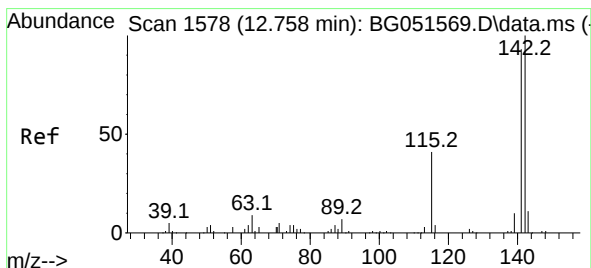
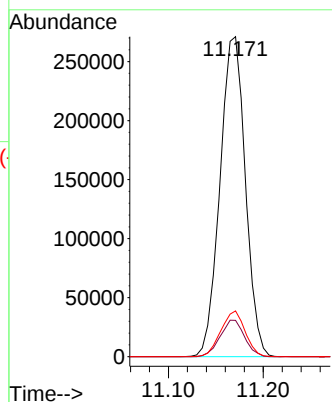
Instrument :
BNA_G
ClientSampleId :
DBLT0DL2



Tgt Ion:128 Resp: 504814
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.3 11.8 17.6

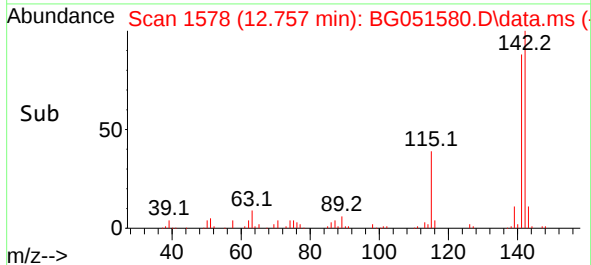
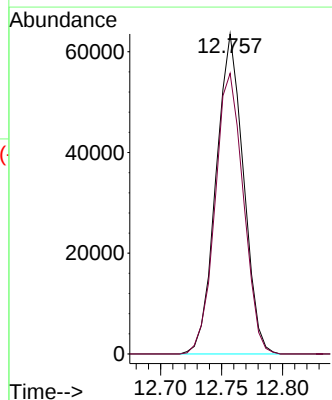
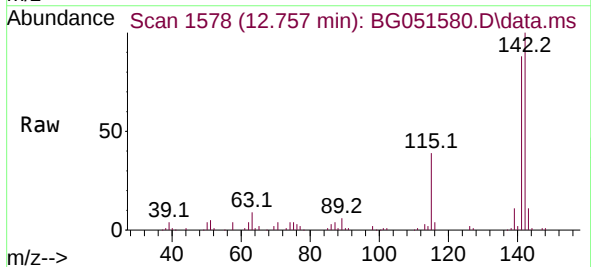
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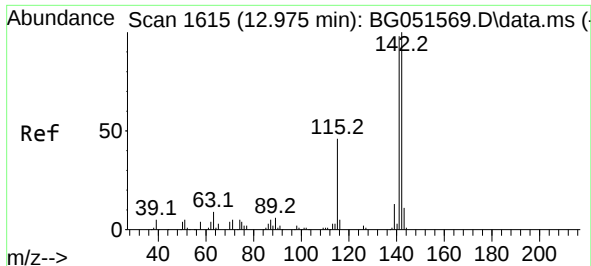
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#36
2-Methylnaphthalene
Concen: 21.182 ng/ul
RT: 12.757 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BG051580.D
Acq: 16 Dec 2021 21:35

Tgt Ion:142 Resp: 99366
Ion Ratio Lower Upper
142 100
141 87.7 73.3 109.9





#37

1-Methylnaphthalene

Concen: 11.243 ng/ul

RT: 12.974 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG051580.D

Acq: 16 Dec 2021 21:35

Instrument :

BNA_G

ClientSampleId :

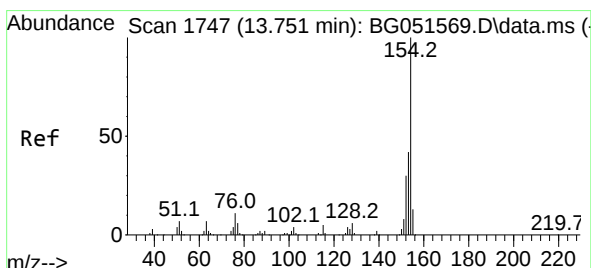
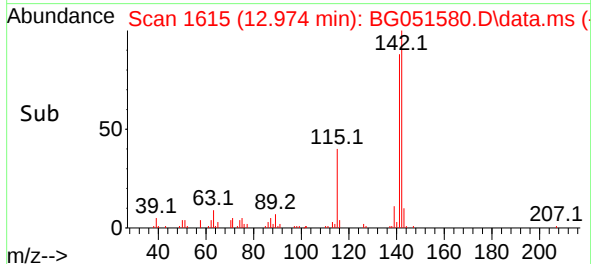
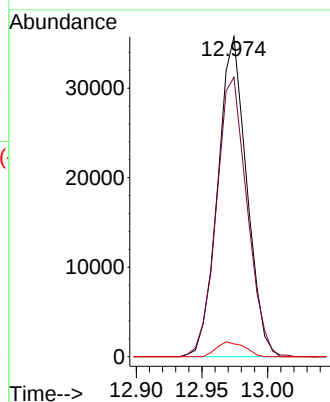
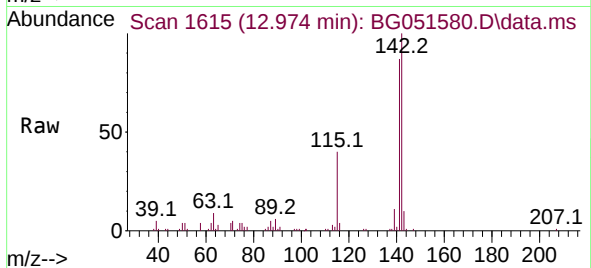
DBLT0DL2

Tgt Ion:	142	Resp:	5476
Ion Ratio	Lower	Upper	
142	100		
141	87.3	77.8	116.8
116	4.0	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 2.309 ng/ul

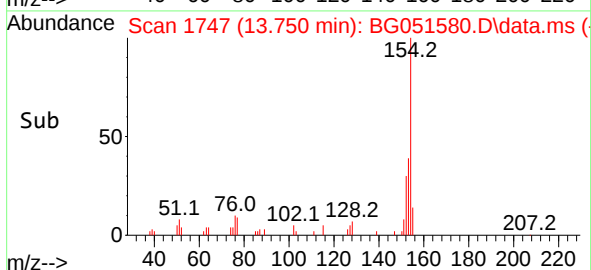
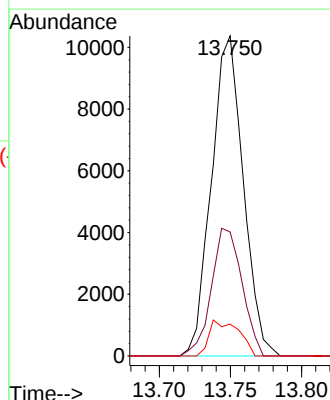
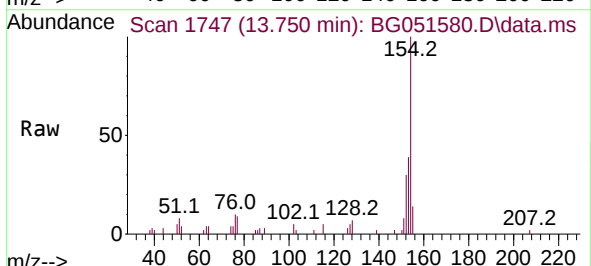
RT: 13.750 min Scan# 1747

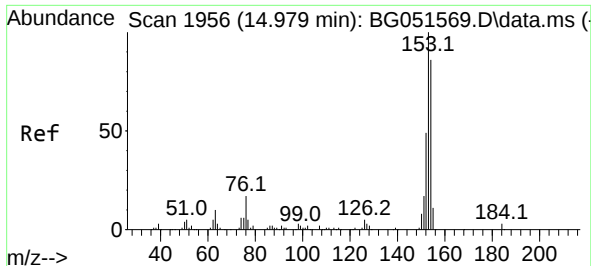
Delta R.T. -0.006 min

Lab File: BG051580.D

Acq: 16 Dec 2021 21:35

Tgt Ion:	154	Resp:	16155
Ion Ratio	Lower	Upper	
154	100		
153	38.7	34.5	51.7
76	9.9	13.1	19.7#





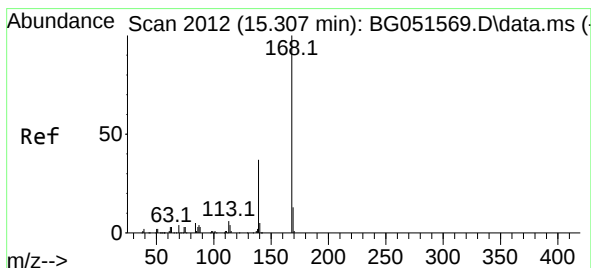
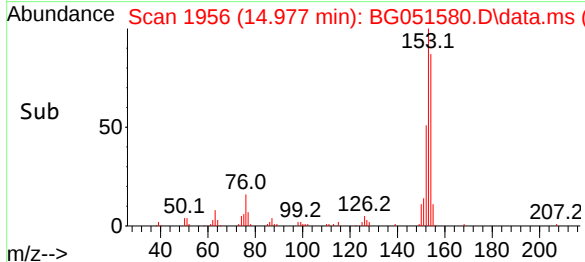
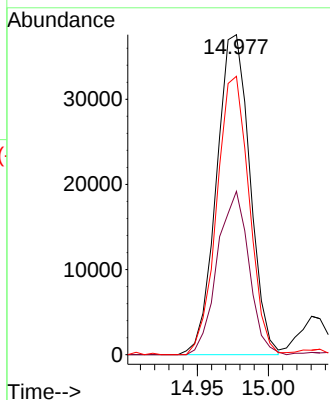
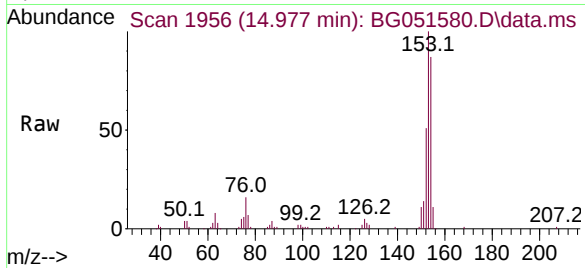
#52
Acenaphthene
Concen: 10.466 ng/uI
RT: 14.977 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG051580.D
Acq: 16 Dec 2021 21:35

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:153 Resp: 61418
Ion Ratio Lower Upper
153 100
152 51.0 36.5 54.7
154 87.0 65.8 98.6

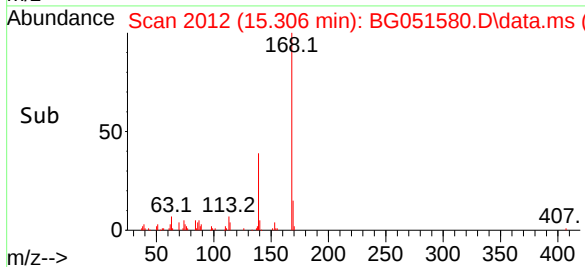
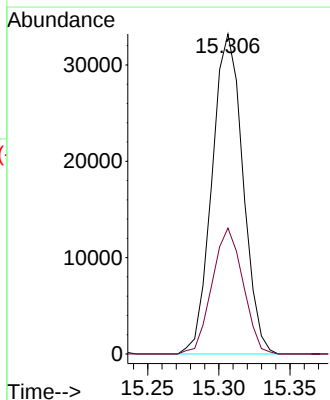
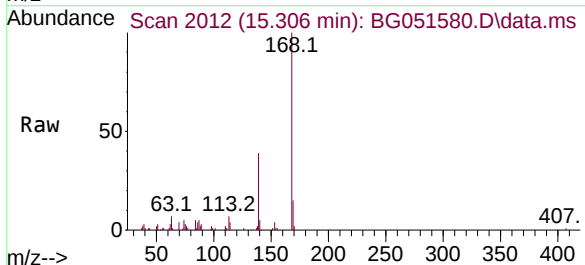
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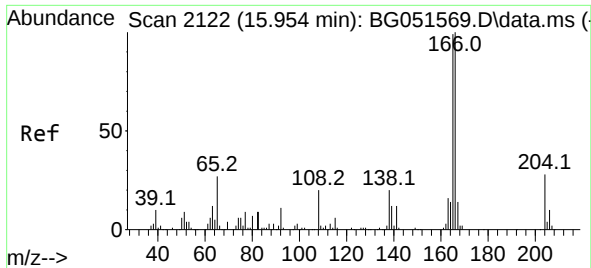
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#56
Dibenzofuran
Concen: 5.811 ng/uI
RT: 15.306 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BG051580.D
Acq: 16 Dec 2021 21:35

Tgt Ion:168 Resp: 50227
Ion Ratio Lower Upper
168 100
139 39.3 31.2 46.8





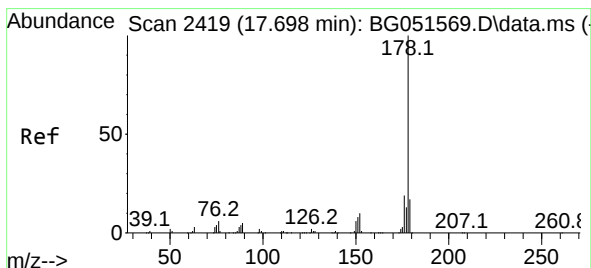
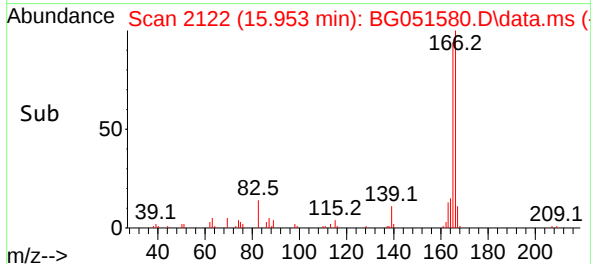
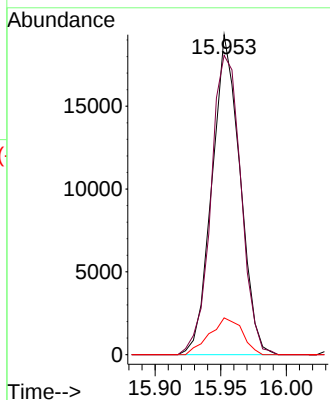
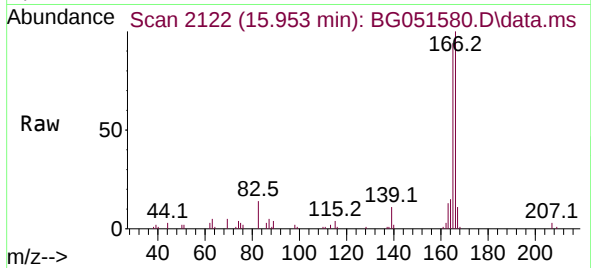
#61
Fluorene
Concen: 4.020 ng/u1
RT: 15.953 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BG051580.D
Acq: 16 Dec 2021 21:35

Instrument :
BNA_G
ClientSampleId :
DBLT0DL2

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	81.0	121.6
167	11.5	11.0	16.4

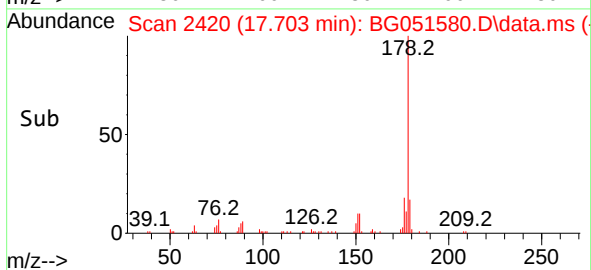
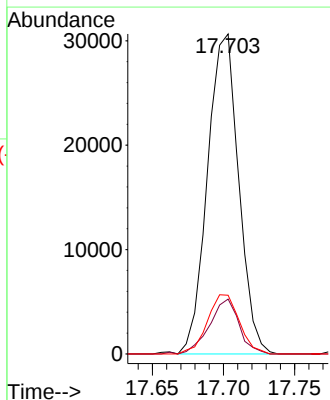
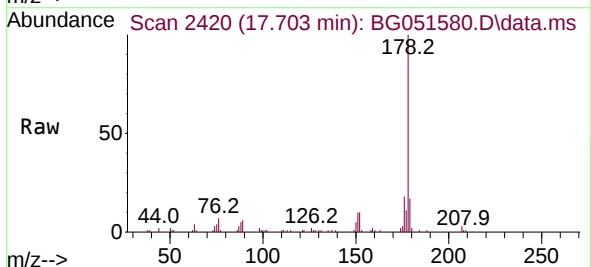
Manual Integrations
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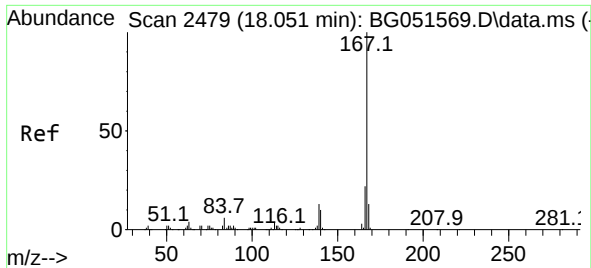
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :Yogesh Patel 12/23/2021



#72
Phenanthrene
Concen: 3.984 ng/u1
RT: 17.703 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG051580.D
Acq: 16 Dec 2021 21:35

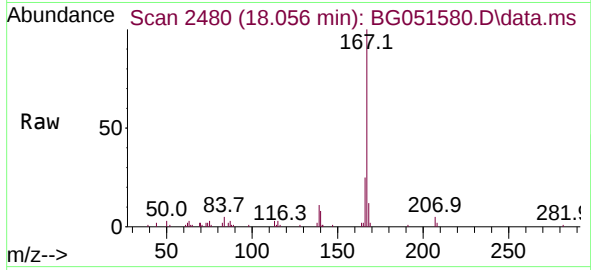
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	18.3	15.5	23.3





#77
 Carbazole
 Concen: 2.583 ng/ul
 RT: 18.056 min Scan# 2479
 Delta R.T. -0.006 min
 Lab File: BG051580.D
 Acq: 16 Dec 2021 21:35

Instrument :
 BNA_G
 ClientSampleId :
 DBLT0DL2



Tgt Ion:167 Resp: 27450
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.3 25.9
 139 10.8 10.6 16.0

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