

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051710.D
 Acq On : 21 Dec 2021 10:49
 Operator : CG/JU
 Sample : M5171-10DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLA6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 21 11:45:08 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	36680	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.108	136	159752	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.908	164	110730	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.658	188	250148m	20.000	ng/u1	0.00
79) Chrysene-d12	21.975	240	239696	20.000	ng/u1	#-0.01
88) Perylene-d12	25.471	264	255750	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	300	0.340	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.401	99	4880	1.490	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.577	67	3704	1.902	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.800	132	3719	1.633	ng/u1	-0.01
15) 4-Methylphenol-d8	8.964	113	4036	1.594	ng/u1	-0.02
21) Nitrobenzene-d5	9.433	128	1961	1.674	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.174	143	1926	1.504	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.714	165	4068	1.465	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.225	131	9415	2.575	ng/u1	-0.02
46) Dimethylphthalate-d6	14.292	166	13254	1.495	ng/u1	-0.02
49) Acenaphthylene-d8	14.603	160	16646	1.512	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.079	143	2003m	1.390	ng/u1	0.00
60) Fluorene-d10	15.895	176	12143	1.529	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.752	188	20275m	1.699	ng/u1	-0.01
81) Pyrene-d10	20.025	212	22040	1.528	ng/u1	-0.02
92) Benzo(a)pyrene-d12	25.230	264	20841	1.549	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	11.161	128	459314	53.367	ng/u1	97
36) 2-Methylnaphthalene	12.753	142	271160	44.162	ng/u1	99
37) 1-Methylnaphthalene	12.970	142	139169	21.829	ng/u1	95
43) 1,1'-Biphenyl	13.739	154	35993	4.243	ng/u1#	96
52) Acenaphthene	14.973	153	20444	2.874	ng/u1#	89
56) Dibenzofuran	15.302	168	20340	1.941	ng/u1#	86
61) Fluorene	15.948	166	8743	1.013	ng/u1	89
72) Phenanthrene	17.699	178	18331m	1.425	ng/u1	
83) Butylbenzylphthalate	20.930	149	77399	14.084	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.846	149	854352	110.984	ng/u1#	96
89) Di-n-octyl phthalate	23.144	149	30069m	2.183	ng/u1	

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

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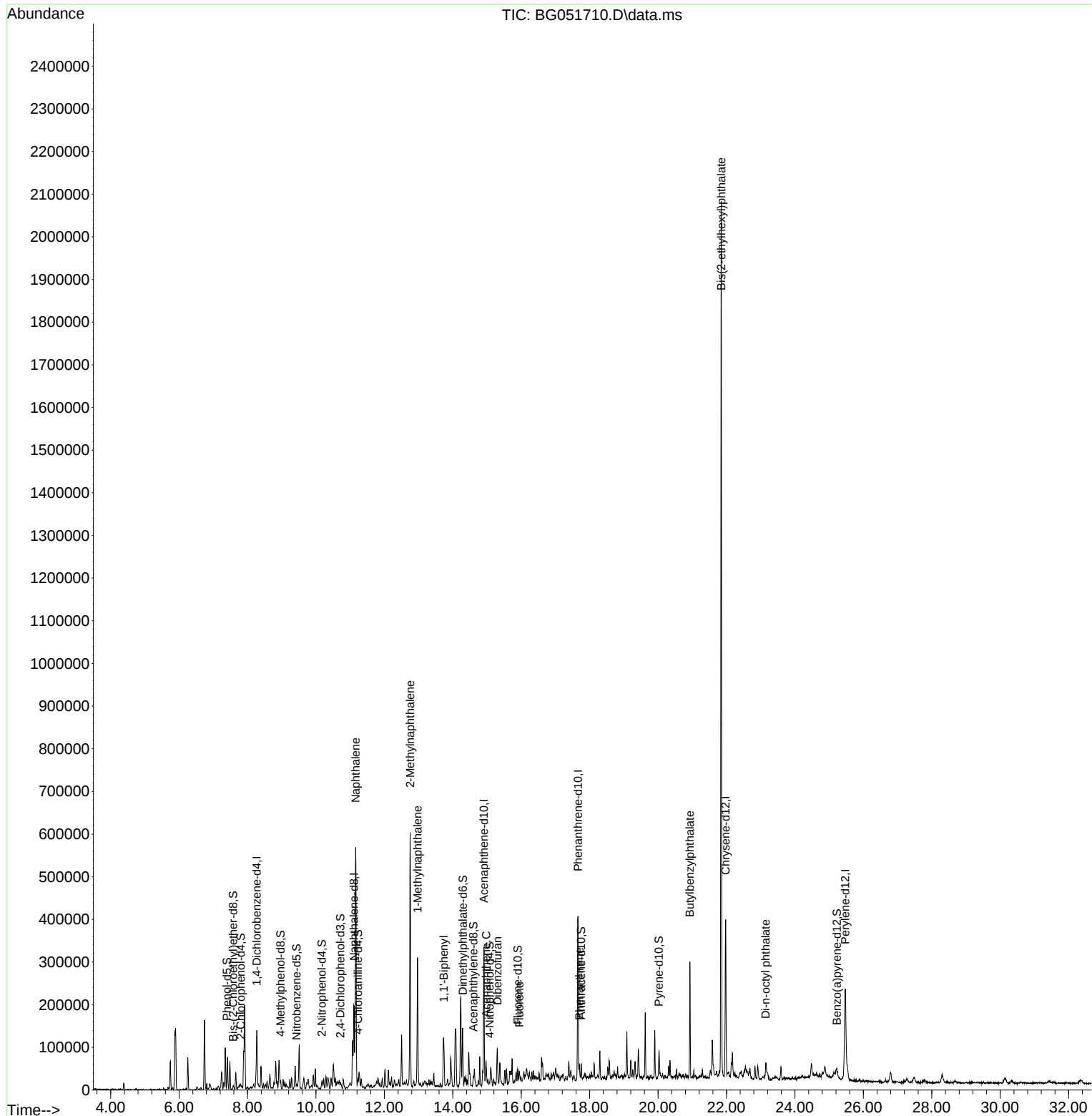
Quant Time: Dec 21 11:45:08 2021

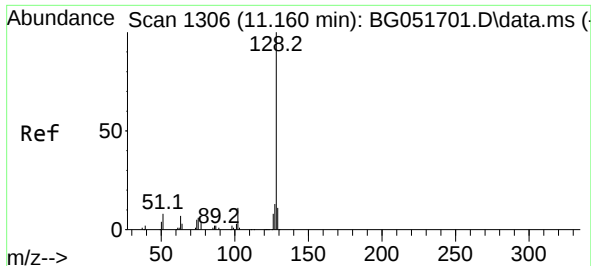
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Dec 14 14:19:57 2021

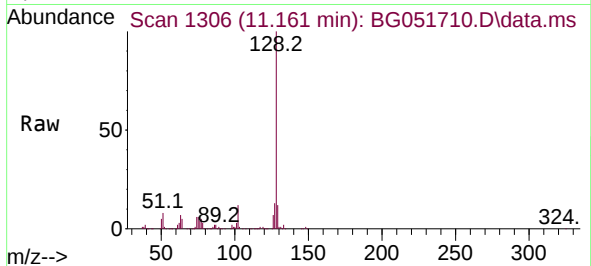
Response via : Initial Calibration





#30
Naphthalene
Concen: 53.367 ng/ul
RT: 11.161 min Scan# 1306
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49

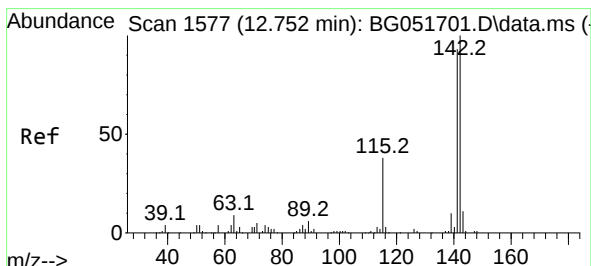
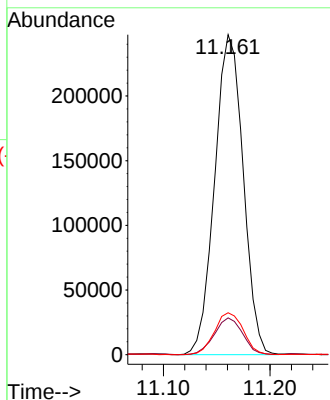
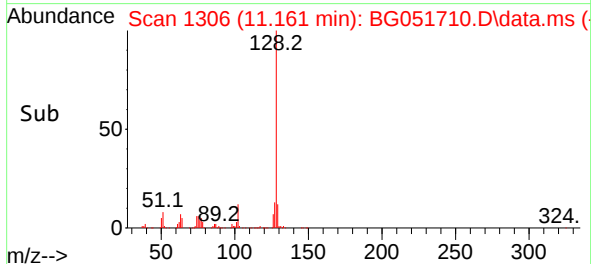
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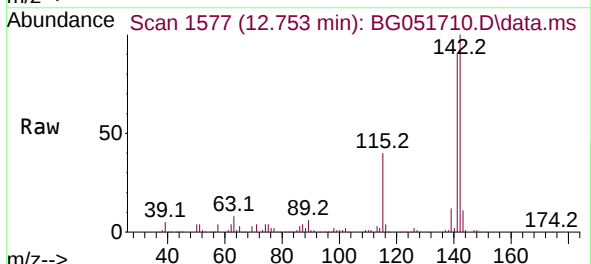
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Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 13.1 11.8 17.6

Manual Integrations
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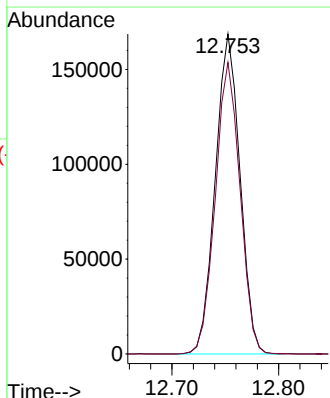
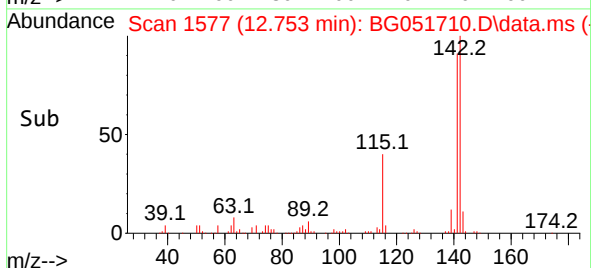
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

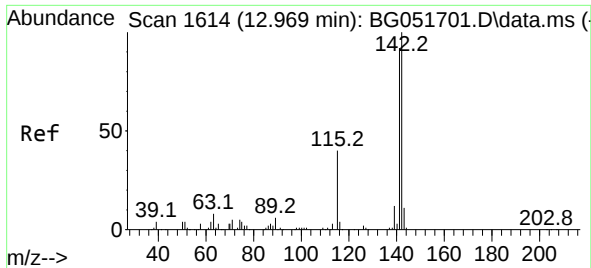


#36
2-Methylnaphthalene
Concen: 44.162 ng/ul
RT: 12.753 min Scan# 1577
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49



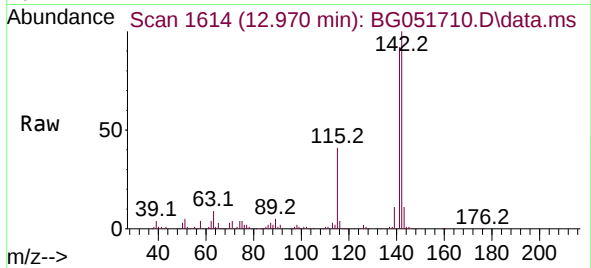
Tgt Ion:142 Resp: 271160
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9





#37
1-Methylnaphthalene
Concen: 21.829 ng/ul
RT: 12.970 min Scan# 1614
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49

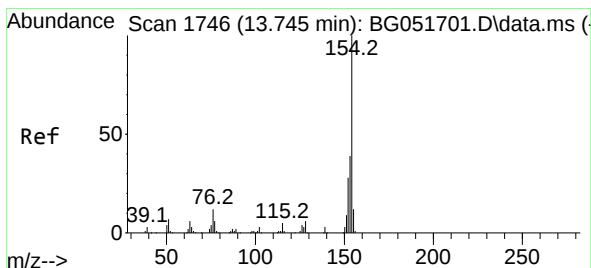
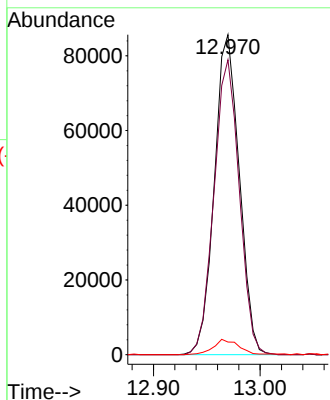
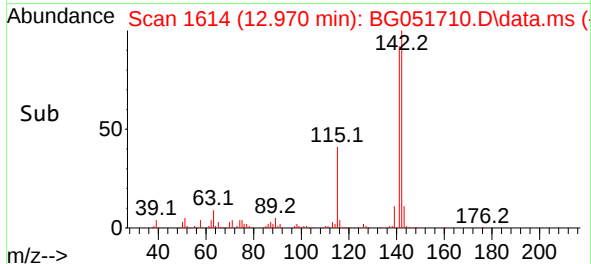
Instrument :
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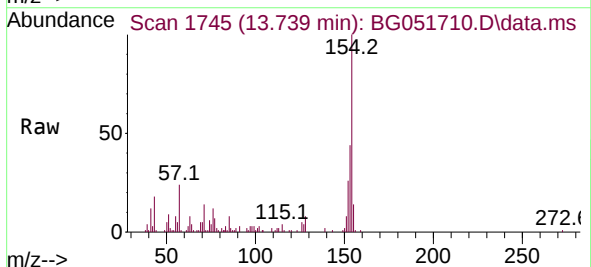
Tgt Ion:142 Resp: 139169
Ion Ratio Lower Upper
142 100
141 92.2 77.8 116.8
116 3.9 3.3 4.9

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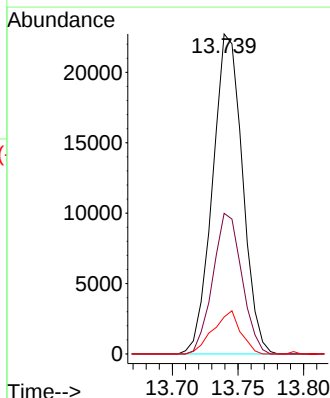
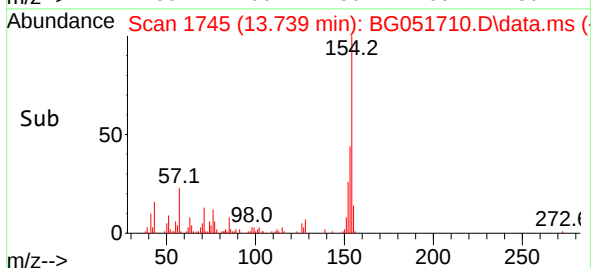
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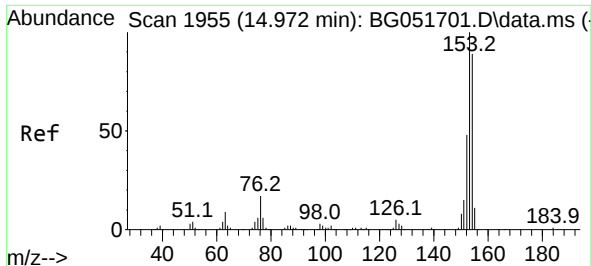


#43
1,1'-Biphenyl
Concen: 4.243 ng/ul
RT: 13.739 min Scan# 1745
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49



Tgt Ion:154 Resp: 35993
Ion Ratio Lower Upper
154 100
153 43.9 34.5 51.7
76 11.6 13.1 19.7#





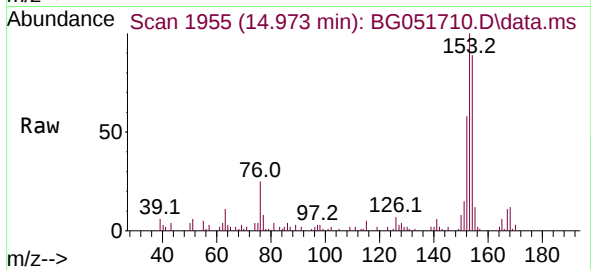
#52
Acenaphthene
Concen: 2.874 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.010 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49

Instrument :

BNA_G

ClientSampleId :

BGLA6DL

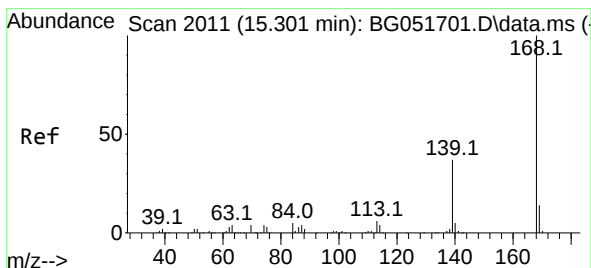
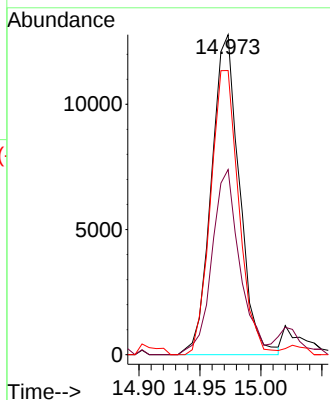
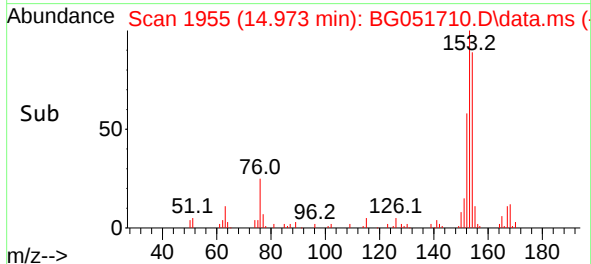


Tgt Ion:153 Resp: 2044
Ion Ratio Lower Upper
153 100
152 57.9 36.5 54.7
154 88.8 65.8 98.6

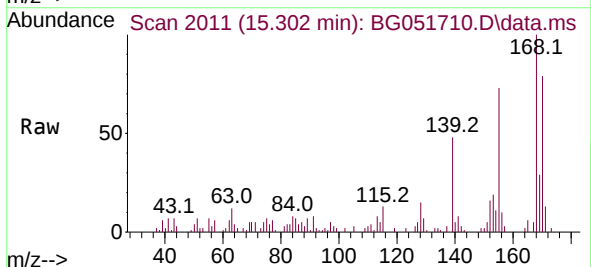
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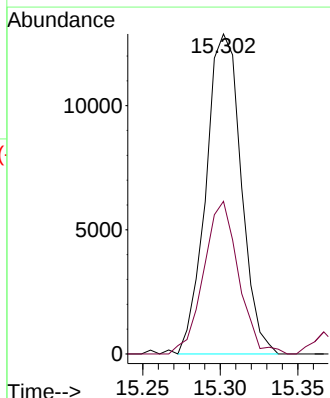
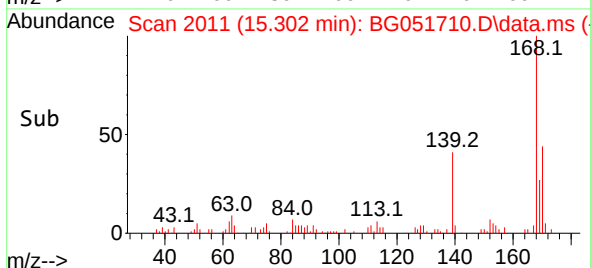
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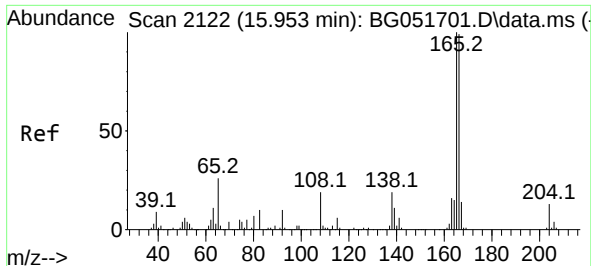


#56
Dibenzofuran
Concen: 1.941 ng/ul
RT: 15.302 min Scan# 2011
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49



Tgt Ion:168 Resp: 20340
Ion Ratio Lower Upper
168 100
139 47.7 31.2 46.8#





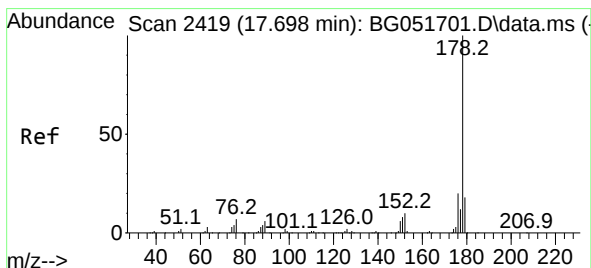
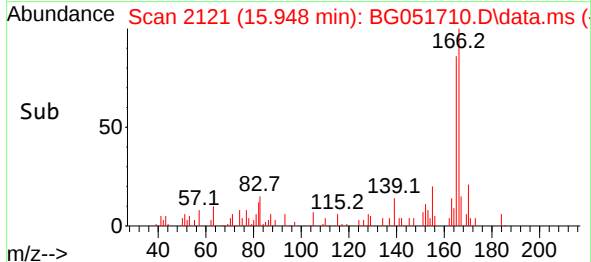
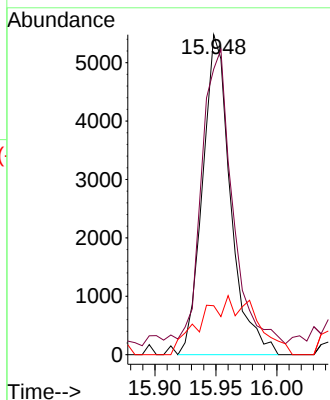
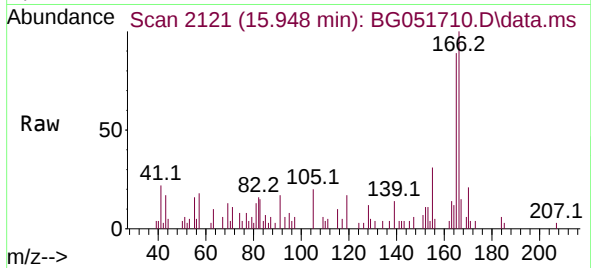
#61
Fluorene
Concen: 1.013 ng/ul
RT: 15.948 min Scan# 2121
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49

Instrument :
BNA_G
ClientSampleId :
BGLA6DL

Tgt Ion:166 Resp: 874
Ion Ratio Lower Upper
166 100
165 89.3 81.0 121.6
167 15.3 11.0 16.4

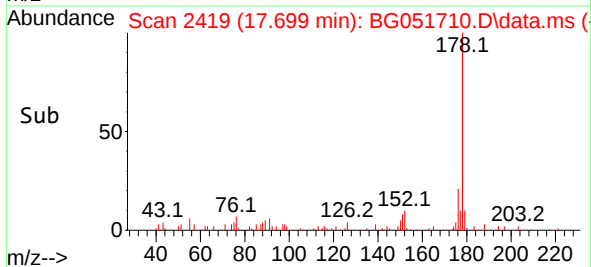
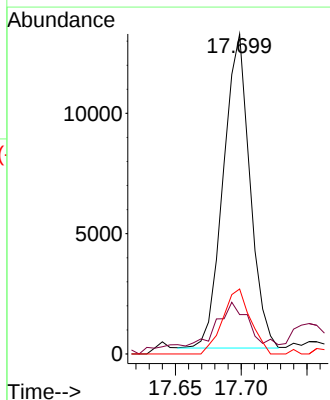
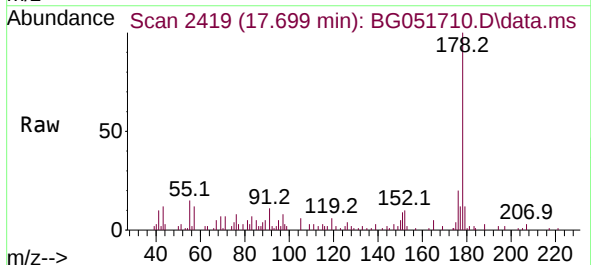
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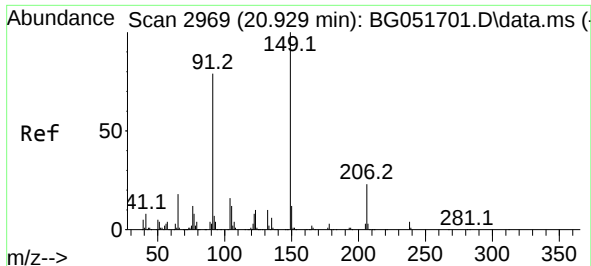
Reviewed By :Jagrut Upadhyay 12/21/2021
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#72
Phenanthrene
Concen: 1.425 ng/ul m
RT: 17.699 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49

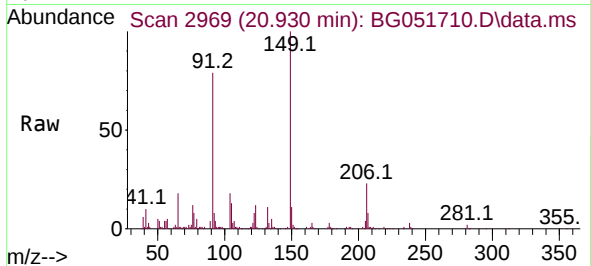
Tgt Ion:178 Resp: 18331
Ion Ratio Lower Upper
178 100
179 12.3 12.3 18.5#
176 20.3 15.5 23.3





#83
Butylbenzylphthalate
Concen: 14.084 ng/ul
RT: 20.930 min Scan# 2969
Delta R.T. -0.016 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49

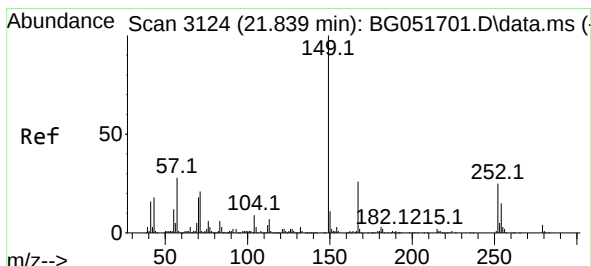
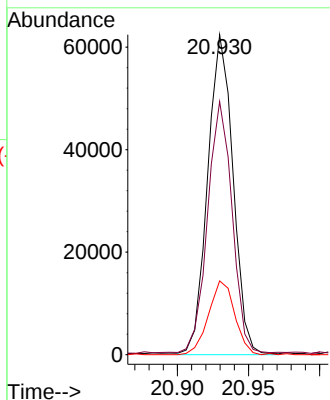
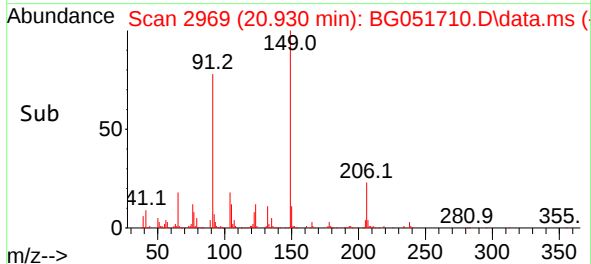
Instrument :
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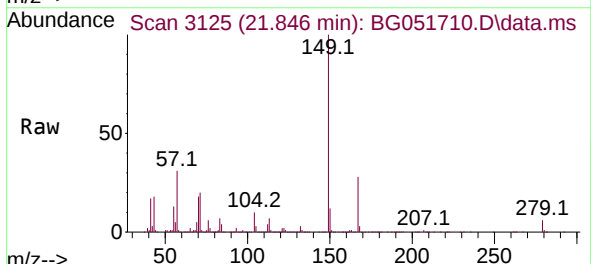
Tgt Ion:149 Resp: 77399
Ion Ratio Lower Upper
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91 79.1 65.2 97.8
206 23.0 16.2 24.2

Manual Integrations
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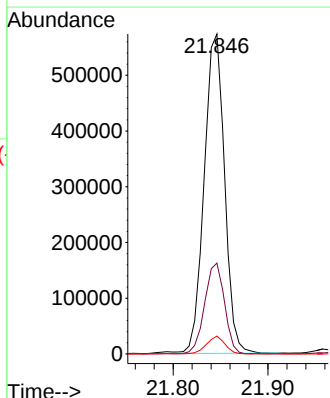
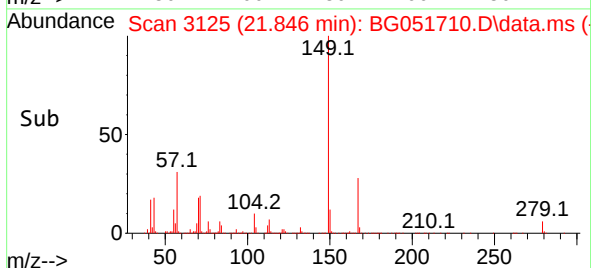
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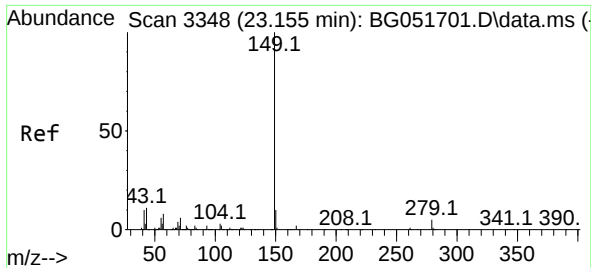


#86
Bis(2-ethylhexyl)phthalate
Concen: 110.984 ng/ul
RT: 21.846 min Scan# 3125
Delta R.T. -0.022 min
Lab File: BG051710.D
Acq: 21 Dec 2021 10:49



Tgt Ion:149 Resp: 854352
Ion Ratio Lower Upper
149 100
167 28.4 21.1 31.7
279 5.6 2.7 4.1#





#89

Di-n-octyl phthalate

Concen: 2.183 ng/ul m

RT: 23.144 min Scan# 31

Delta R.T. -0.040 min

Lab File: BG051710.D

Acq: 21 Dec 2021 10:49

Instrument :

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Tgt Ion:149 Resp: 30069

Manual Integrations

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