

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
 Data File : BG051940.D
 Acq On : 12 Jan 2022 11:33
 Operator : CG/JU
 Sample : N1100-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLN2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 12 23:51:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	33236	20.000	ng/u1	0.02
20) Naphthalene-d8	11.110	136	118869	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.905	164	82721	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.672	188	187327	20.000	ng/u1	# 0.03
79) Chrysene-d12	21.978	240	174198	20.000	ng/u1	# 0.02
88) Perylene-d12	25.455	264	198725	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.567	96	3459	3.719	ng/uL	0.00
4) Pyridine-d5	4.008	84	32059	11.088	ng/u1	0.00
7) Phenol-d5	7.403	99	74203	22.811	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.585	67	148144	71.741	ng/u1	0.03
11) 2-Chlorophenol-d4	7.791	132	48602	22.567	ng/u1	0.01
15) 4-Methylphenol-d8	8.960	113	190782	75.447	ng/u1	0.00
21) Nitrobenzene-d5	9.442	128	24239	25.806	ng/u1	0.02
24) 2-Nitrophenol-d4	10.170	143	29894	28.777	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.716	165	55942	27.551	ng/u1	0.01
31) 4-Chloroaniline-d4	11.222	131	154634	54.685	ng/u1	0.00
46) Dimethylphthalate-d6	14.288	166	178580	26.118	ng/u1	0.00
49) Acenaphthylene-d8	14.593	160	242772	29.394	ng/u1	0.00
54) 4-Nitrophenol-d4	15.069	143	20130	17.609	ng/u1	0.00
60) Fluorene-d10	15.898	176	168553	28.274	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	16.003	200	35387	29.945	ng/u1	0.02
73) Anthracene-d10	17.771	188	277615	31.241	ng/u1	0.03
81) Pyrene-d10	20.051	212	314586	31.379	ng/u1	0.04
92) Benzo(a)pyrene-d12	25.214	264	306704	29.317	ng/u1	0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.323	107	66268m	26.751	ng/u1	
30) Naphthalene	11.198	128	7906073	1227.401	ng/u1#	63
36) 2-Methylnaphthalene	12.808	142	10117410	2205.077	ng/u1	89
37) 1-Methylnaphthalene	13.001	142	4421136	938.901	ng/u1#	99
43) 1,1'-Biphenyl	13.742	154	1345325	210.666	ng/u1	97
52) Acenaphthene	14.969	153	435709	80.572	ng/u1	94
56) Dibenzofuran	15.304	168	313032	39.857	ng/u1	93
61) Fluorene	15.956	166	99095	15.142	ng/u1#	78
72) Phenanthrene	17.719	178	116194	11.838	ng/u1#	44
83) Butylbenzylphthalate	20.926	149	11634	2.931	ng/u1#	20
86) Bis(2-ethylhexyl)phtha...	21.831	149	72131	12.425	ng/u1#	93

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

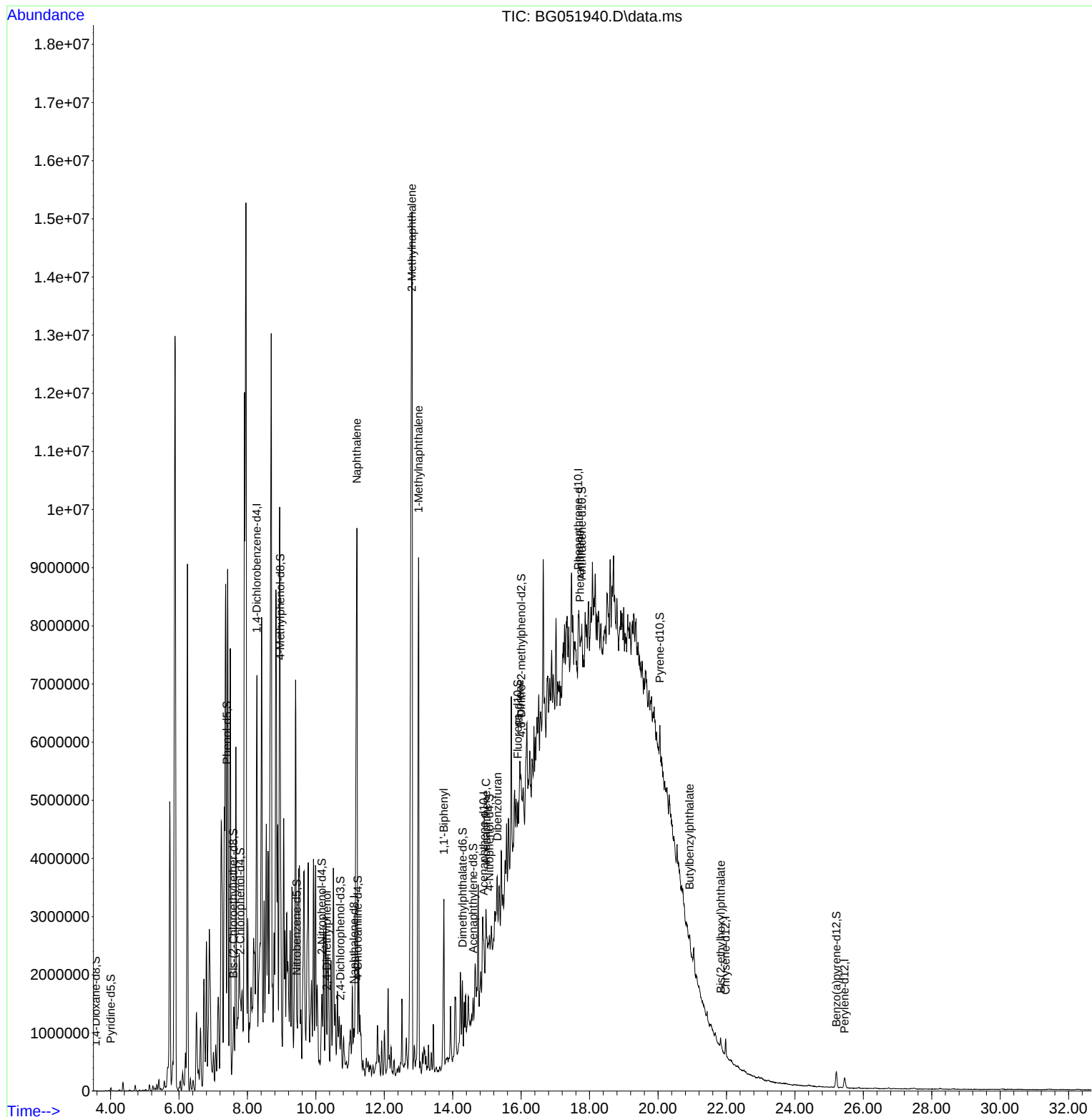
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
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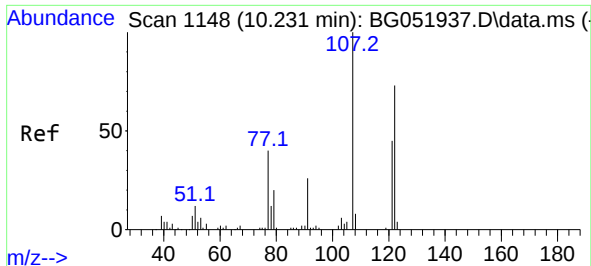
Instrument :
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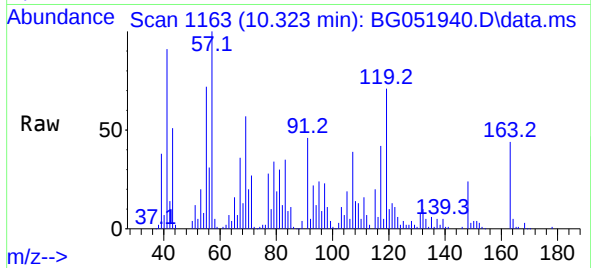
Quant Time: Jan 12 23:51:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
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#26
2,4-Dimethylphenol
Concen: 26.751 ng/ul m
RT: 10.323 min Scan# 1163
Delta R.T. 0.090 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33

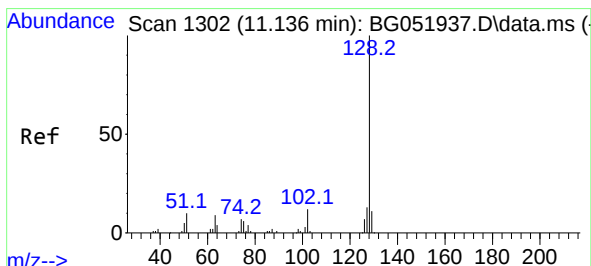
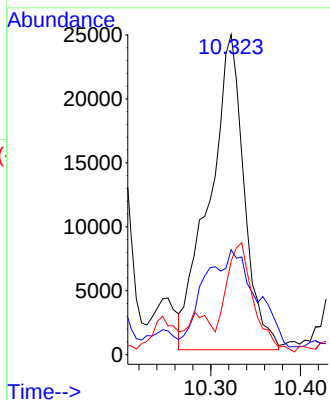
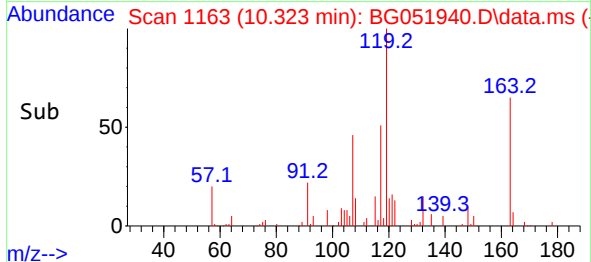
Instrument :
BNA_G
ClientSampleId :
BGLN2



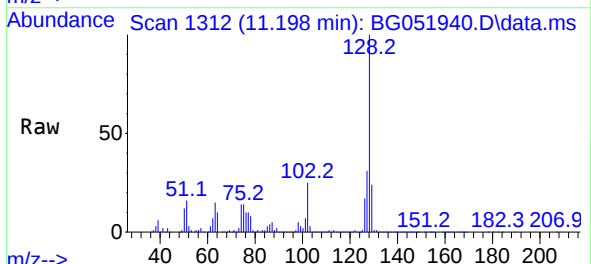
Tgt Ion:107 Resp: 66268
Ion Ratio Lower Upper
107 100
121 32.8 39.3 58.9#
122 29.3 63.7 95.5#

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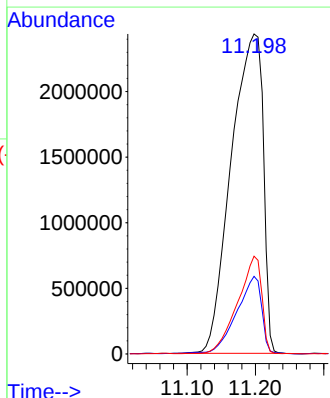
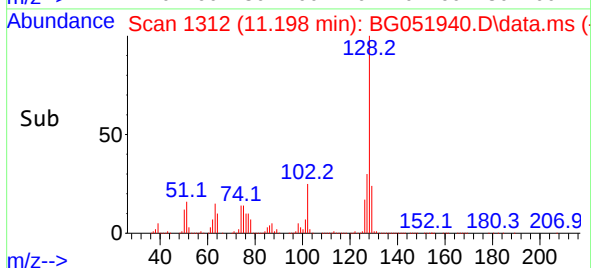
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

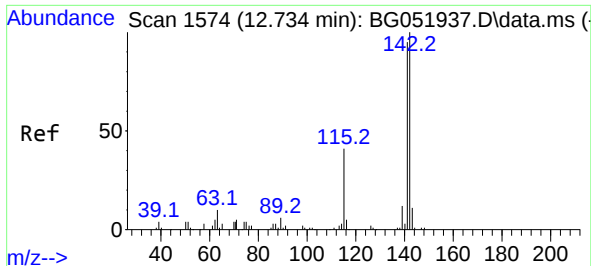


#30
Naphthalene
Concen: 1227.401 ng/ul
RT: 11.198 min Scan# 1312
Delta R.T. 0.055 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33



Tgt Ion:128 Resp: 7906073
Ion Ratio Lower Upper
128 100
129 24.2 8.5 12.7#
127 30.5 11.8 17.6#





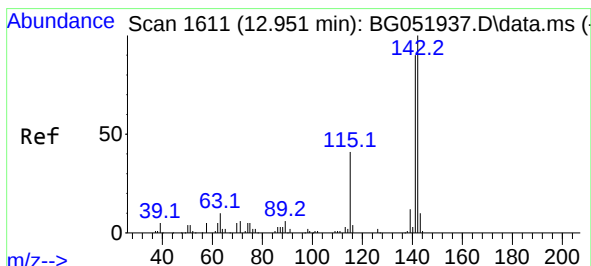
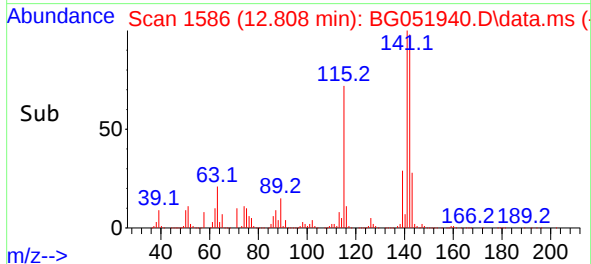
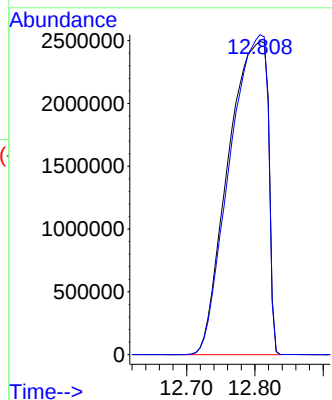
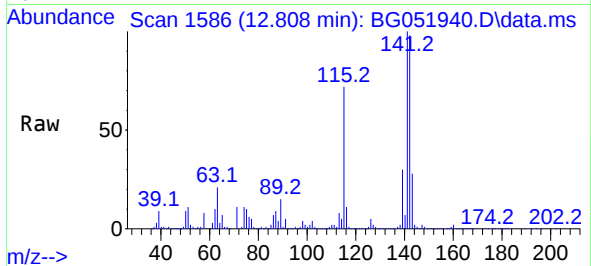
#36
2-Methylnaphthalene
Concen: 2205.077 ng/ul
RT: 12.808 min Scan# 117410
Delta R.T. 0.073 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33

Instrument :
BNA_G
ClientSampleId :
BGLN2

Tgt Ion:142 Resp:10117410
Ion Ratio Lower Upper
142 100
141 102.2 73.3 109.9

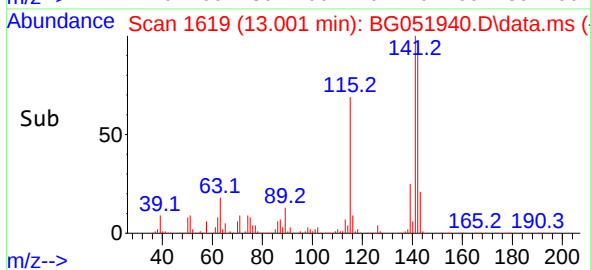
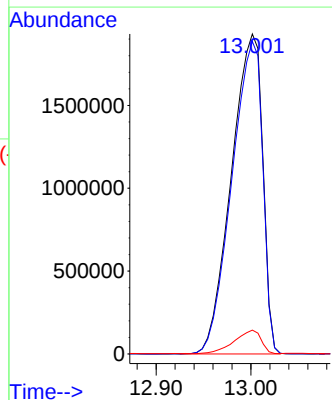
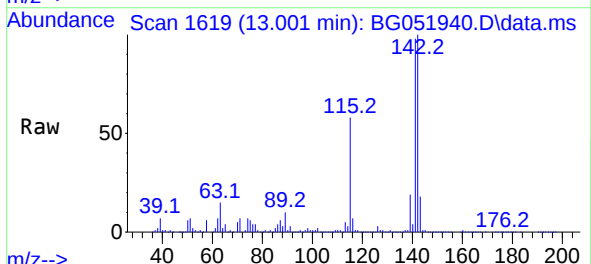
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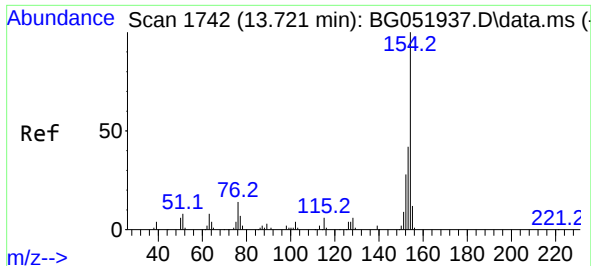
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#37
1-Methylnaphthalene
Concen: 938.901 ng/ul
RT: 13.001 min Scan# 1619
Delta R.T. 0.049 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33

Tgt Ion:142 Resp: 4421136
Ion Ratio Lower Upper
142 100
141 97.7 77.8 116.8
116 7.5 3.3 4.9#





#43

1,1'-Biphenyl

Concen: 210.666 ng/ul

RT: 13.742 min Scan# 11

Delta R.T. 0.014 min

Lab File: BG051940.D

Acq: 12 Jan 2022 11:33

Instrument :

BNA_G

ClientSampleId :

BGLN2

Tgt Ion:154 Resp: 134532

Ion Ratio Lower Upper

154 100

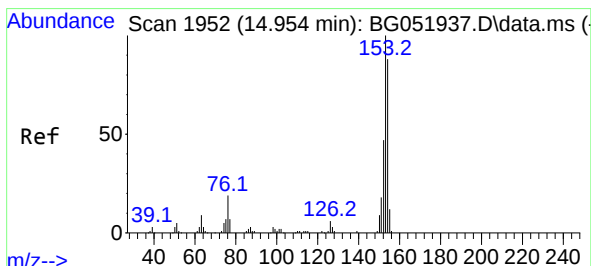
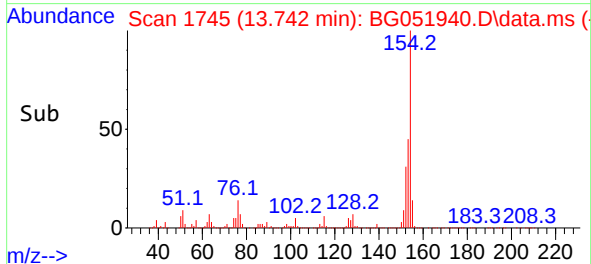
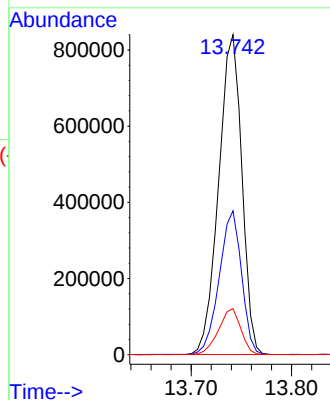
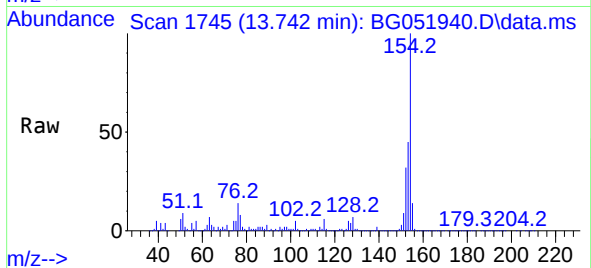
153 45.0 34.5 51.7

76 14.4 13.1 19.7

Manual Integrations

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Supervised By :mohammad ahmed 01/18/2022



#52

Acenaphthene

Concen: 80.572 ng/ul

RT: 14.969 min Scan# 1954

Delta R.T. 0.014 min

Lab File: BG051940.D

Acq: 12 Jan 2022 11:33

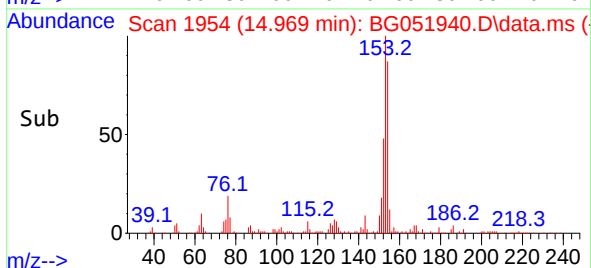
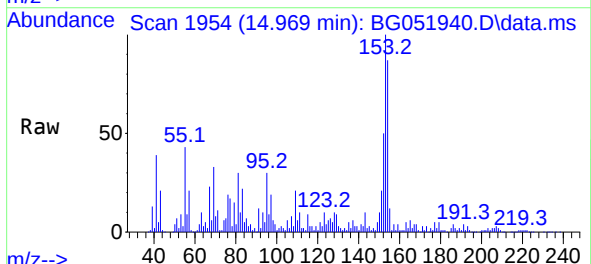
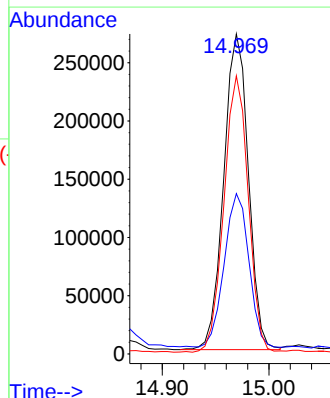
Tgt Ion:153 Resp: 435709

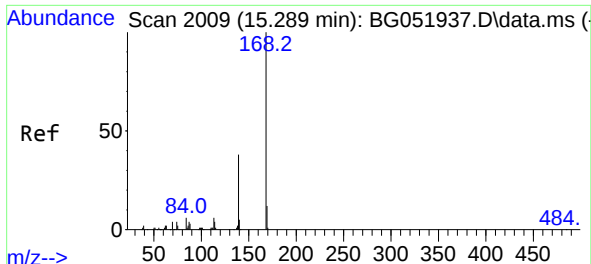
Ion Ratio Lower Upper

153 100

152 50.1 36.5 54.7

154 86.9 65.8 98.6





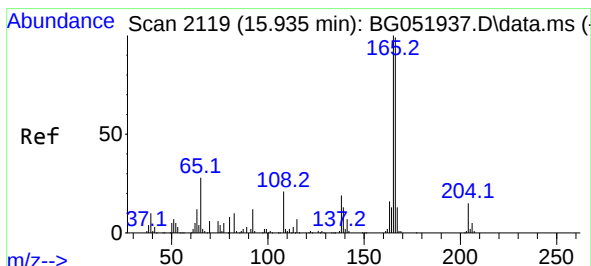
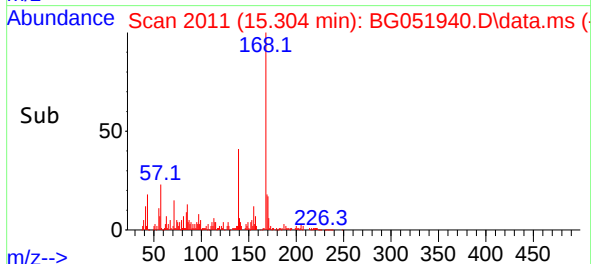
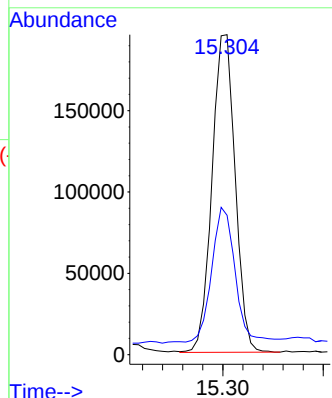
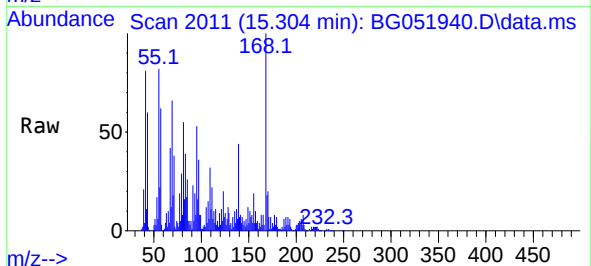
#56
Dibenzenofuran
Concen: 39.857 ng/ul
RT: 15.304 min Scan# 2009
Delta R.T. 0.020 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33

Instrument :
BNA_G
ClientSampleId :
BGLN2

Tgt Ion:168 Resp: 31303
Ion Ratio Lower Upper
168 100
139 43.6 31.2 46.8

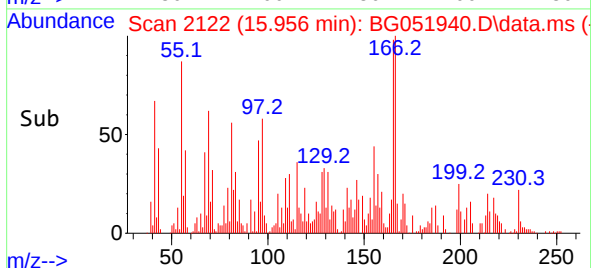
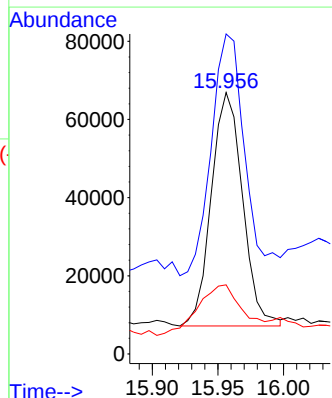
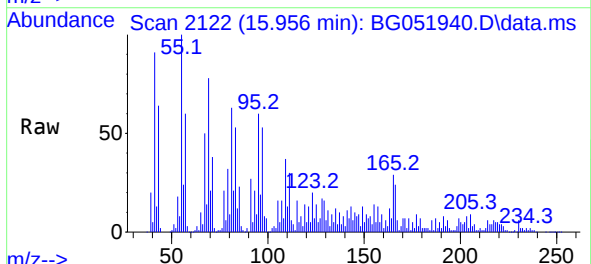
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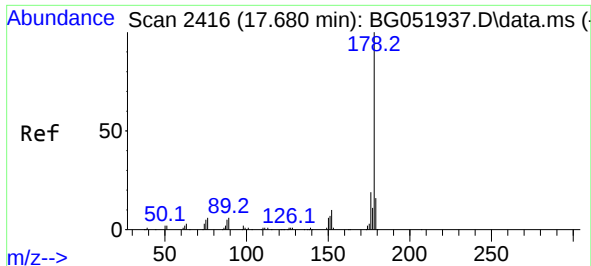
Reviewed By :Jagrut Upadhyay 01/13/2022
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#61
Fluorene
Concen: 15.142 ng/ul
RT: 15.956 min Scan# 2122
Delta R.T. 0.020 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33

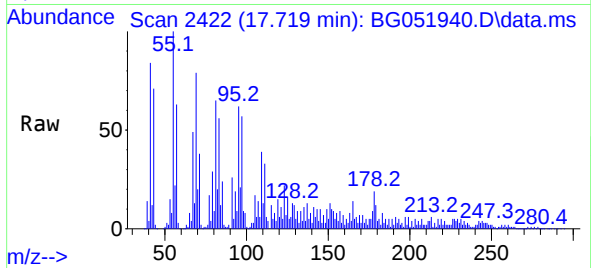
Tgt Ion:166 Resp: 99095
Ion Ratio Lower Upper
166 100
165 122.4 81.0 121.6#
167 26.4 11.0 16.4#





#72
Phenanthrene
Concen: 11.838 ng/ul
RT: 17.719 min Scan# 2416
Delta R.T. 0.037 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33

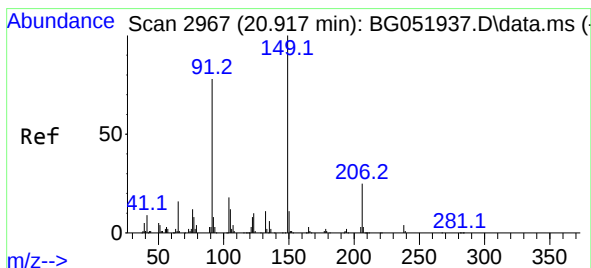
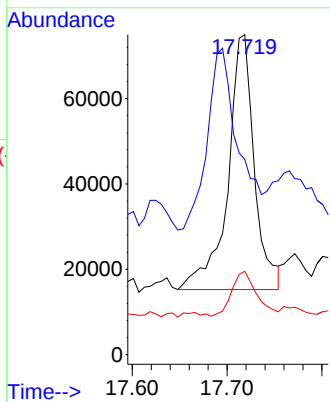
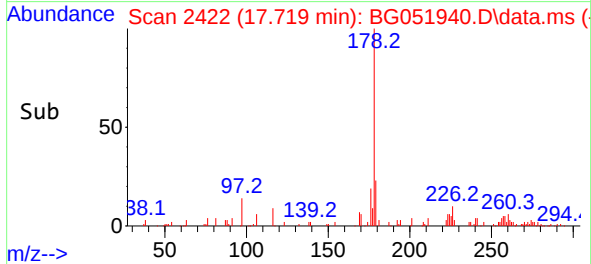
Instrument :
BNA_G
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BGLN2



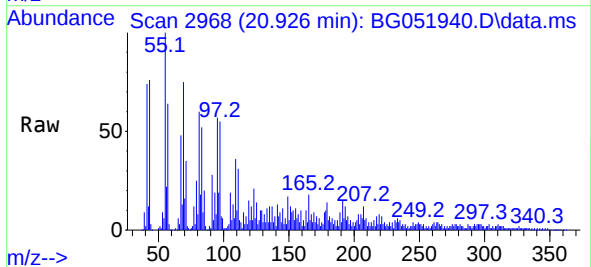
Tgt Ion:178 Resp: 116194
Ion Ratio Lower Upper
178 100
179 61.1 12.3 18.5
176 26.1 15.5 23.3

Manual Integrations
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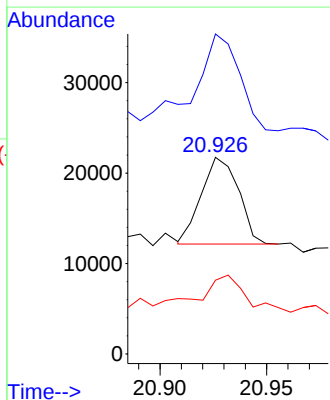
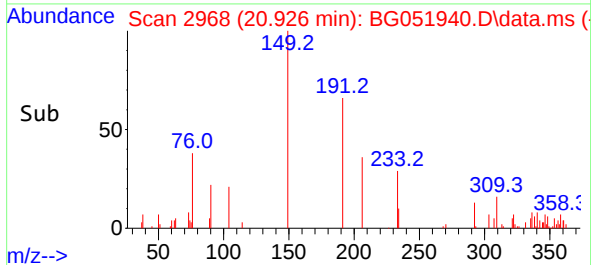
Reviewed By :Jagrut Upadhyay 01/13/2022
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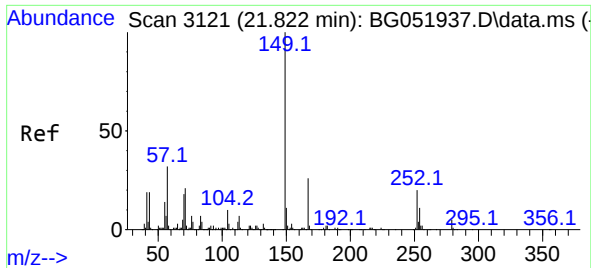


#83
Butylbenzylphthalate
Concen: 2.931 ng/ul
RT: 20.926 min Scan# 2968
Delta R.T. 0.014 min
Lab File: BG051940.D
Acq: 12 Jan 2022 11:33



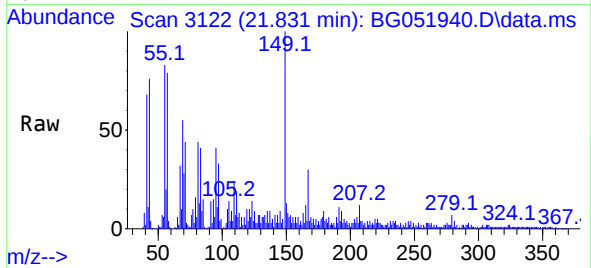
Tgt Ion:149 Resp: 11634
Ion Ratio Lower Upper
149 100
91 162.7 65.2 97.8#
206 37.5 16.2 24.2#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 12.425 ng/ul
 RT: 21.831 min Scan# 31
 Delta R.T. 0.014 min
 Lab File: BG051940.D
 Acq: 12 Jan 2022 11:33

Instrument :
 BNA_G
 ClientSampleId :
 BGLN2



Tgt Ion:149 Resp: 7213
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.1 31.7
 279 6.6 2.7 4.1

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