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 Data File : BG052058.D
 Acq On : 18 Jan 2022 18:42
 Operator : CG/JU
 Sample : N1100-15ME
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS8ME

Quant Time: Jan 19 00:31:47 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

Manual Integrations APPROVED

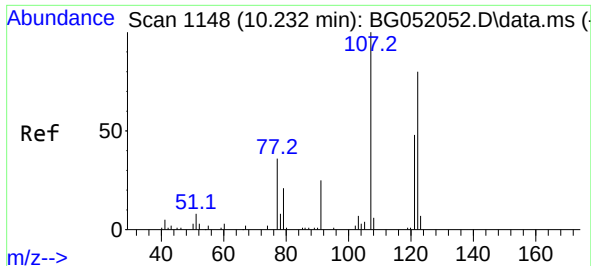
Reviewed By :Jagrut Upadhyay 01/19/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	21481	20.000	ng/u1	0.00
20) Naphthalene-d8	11.090	136	89179	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.891	164	63102	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.640	188	129793	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.958	240	124667	20.000	ng/u1	# 0.00
88) Perylene-d12	25.447	264	137745	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	1961	3.262	ng/uL	0.00
4) Pyridine-d5	4.006	84	13540	7.245	ng/u1	0.00
7) Phenol-d5	7.383	99	45464	21.625	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	30128	22.574	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.771	132	33483	24.054	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	39821m	24.365	ng/u1	0.00
21) Nitrobenzene-d5	9.416	128	18568	26.350	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	20677	26.531	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.697	165	38113	25.019	ng/u1	0.00
31) 4-Chloroaniline-d4	11.208	131	52925	24.948	ng/u1	0.00
46) Dimethylphthalate-d6	14.274	166	121864	23.364	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	162010	25.714	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	16848	19.320	ng/u1	0.00
60) Fluorene-d10	15.878	176	111922	24.611	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	15735	19.217	ng/u1	0.00
73) Anthracene-d10	17.734	188	173340	28.153	ng/u1	0.00
81) Pyrene-d10	20.019	212	196073	27.328	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.206	264	182796	25.208	ng/u1	0.01
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.285	107	3819m	2.055	ng/u1	
30) Naphthalene	11.155	128	3323954	687.839	ng/u1#	91
36) 2-Methylnaphthalene	12.735	142	506281	147.079	ng/u1	100
37) 1-Methylnaphthalene	12.946	142	216072	61.163	ng/u1	98
43) 1,1'-Biphenyl	13.722	154	81404	16.710	ng/u1#	96
50) Acenaphthylene	14.609	152	7540	1.215	ng/u1#	68
52) Acenaphthene	14.955	153	52974	12.842	ng/u1	96
56) Dibenzofuran	15.284	168	67019	11.186	ng/u1	94
61) Fluorene	15.936	166	36645	7.340	ng/u1	95
72) Phenanthrene	17.681	178	65631	9.650	ng/u1	96
74) Anthracene	17.769	178	10179m	1.495	ng/u1	
80) Fluoranthene	19.684	202	18790	2.266	ng/u1#	90
82) Pyrene	20.049	202	17564	2.152	ng/u1#	91
83) Butylbenzylphthalate	20.918	149	155674	54.796	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	3475640	836.535	ng/u1#	77
89) Di-n-octyl phthalate	23.127	149	228303	30.004	ng/u1	100

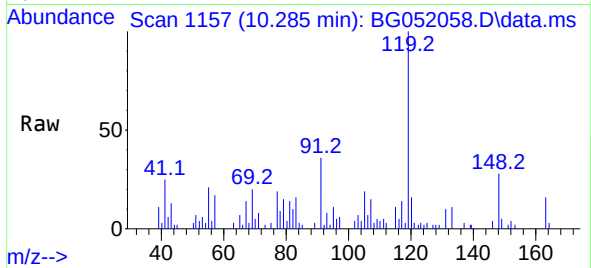
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#26
2,4-Dimethylphenol
Concen: 2.055 ng/ul m
RT: 10.285 min Scan# 1148
Delta R.T. 0.053 min
Lab File: BG052058.D
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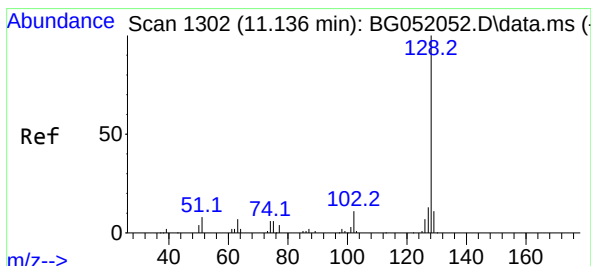
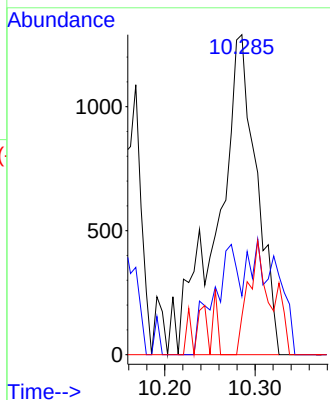
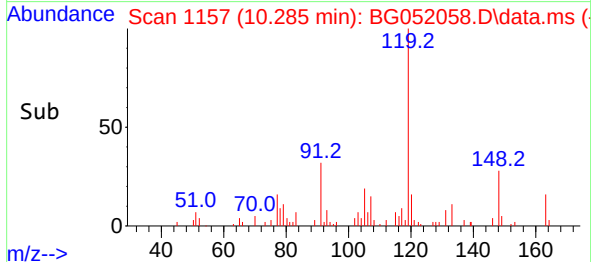
Instrument :
BNA_G
ClientSampleId :
BGLS8ME



Tgt Ion:107 Resp: 3819
Ion Ratio Lower Upper
107 100
121 18.3 39.3 58.9#
122 11.9 63.7 95.5#

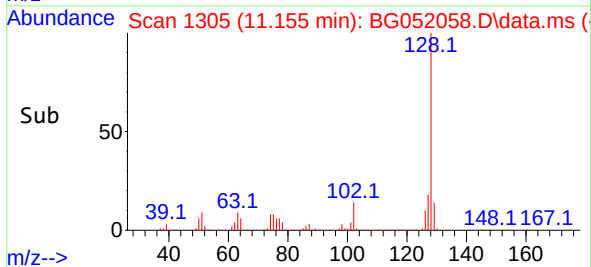
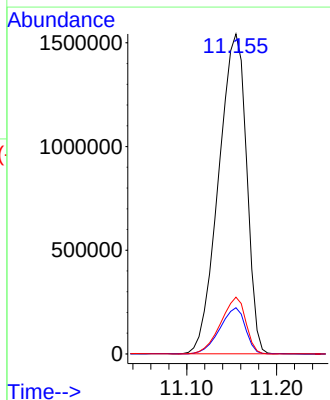
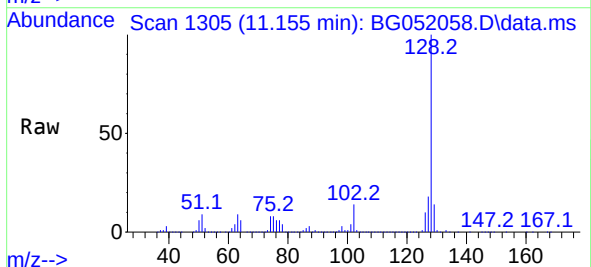
Manual Integrations
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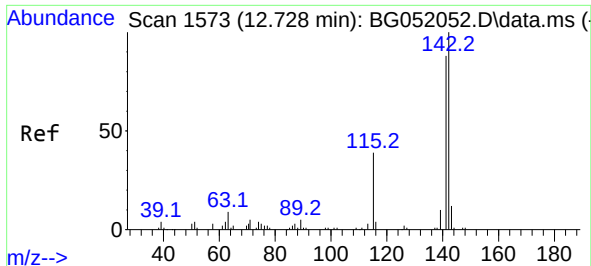
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Supervised By :mohammad ahmed 01/21/2022



#30
Naphthalene
Concen: 687.839 ng/ul
RT: 11.155 min Scan# 1305
Delta R.T. 0.012 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Tgt Ion:128 Resp: 3323954
Ion Ratio Lower Upper
128 100
129 14.5 8.5 12.7#
127 17.8 11.8 17.6#





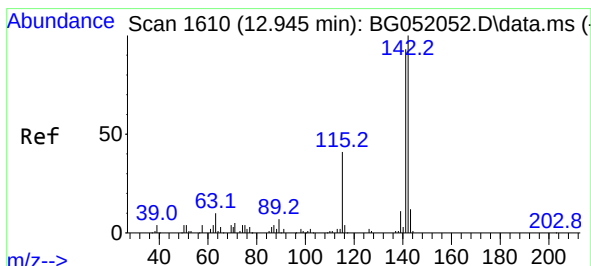
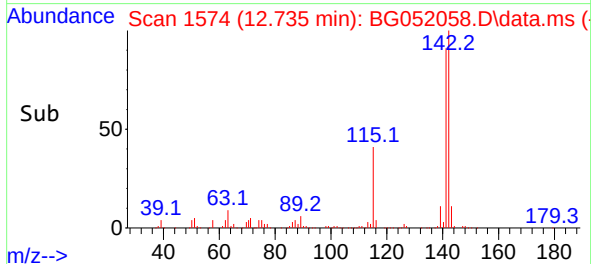
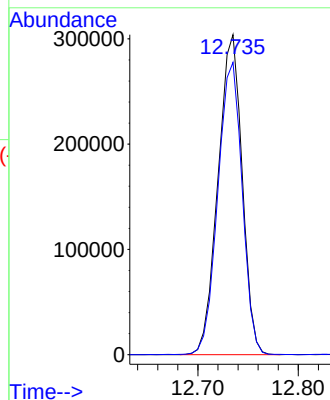
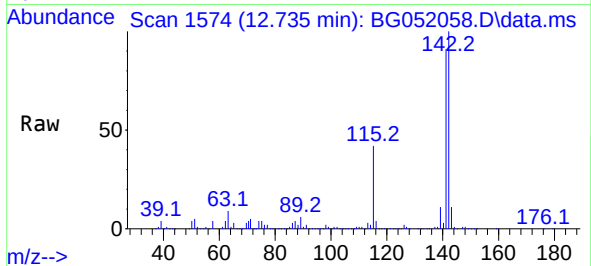
#36
2-Methylnaphthalene
Concen: 147.079 ng/ul
RT: 12.735 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:142 Resp: 50628
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9

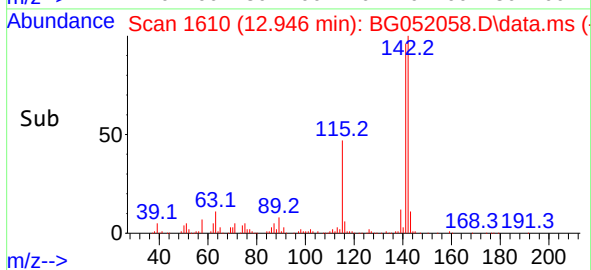
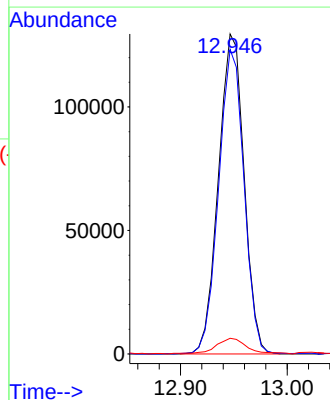
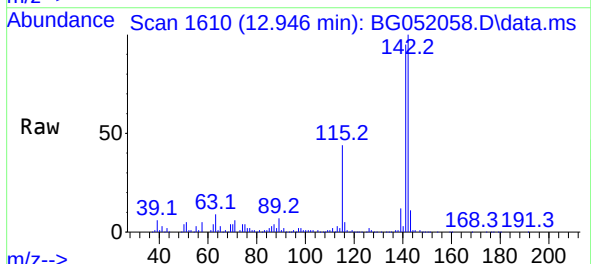
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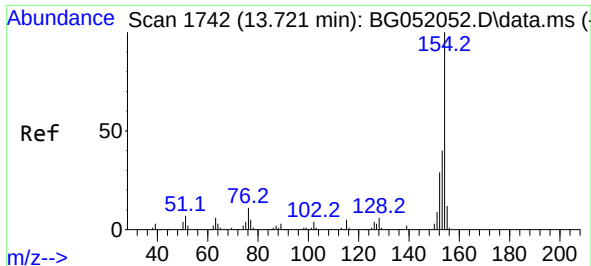
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Supervised By :mohammad ahmed 01/21/2022



#37
1-Methylnaphthalene
Concen: 61.163 ng/ul
RT: 12.946 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Tgt Ion:142 Resp: 216072
Ion Ratio Lower Upper
142 100
141 95.1 77.8 116.8
116 4.9 3.3 4.9





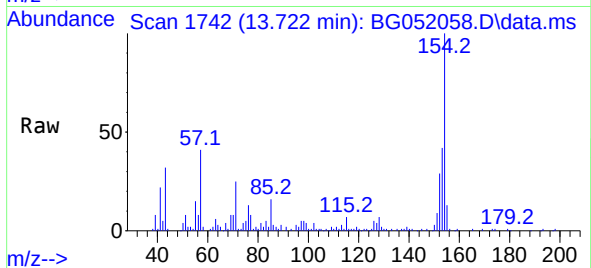
#43
1,1'-Biphenyl
Concen: 16.710 ng/ul
RT: 13.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Instrument :

BNA_G

ClientSampleId :

BGLS8ME

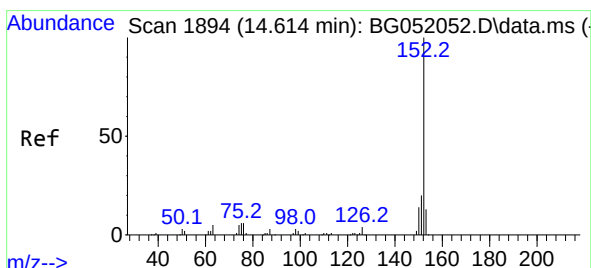
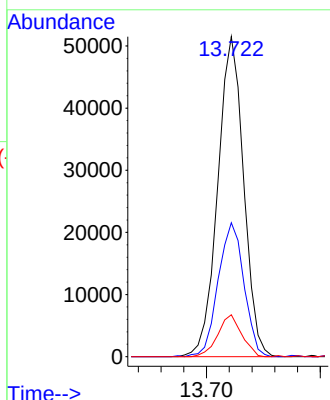
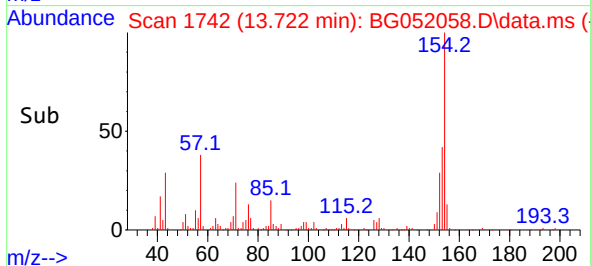


Tgt Ion:154 Resp: 81404
Ion Ratio Lower Upper
154 100
153 41.8 34.5 51.7
76 13.1 13.1 19.7

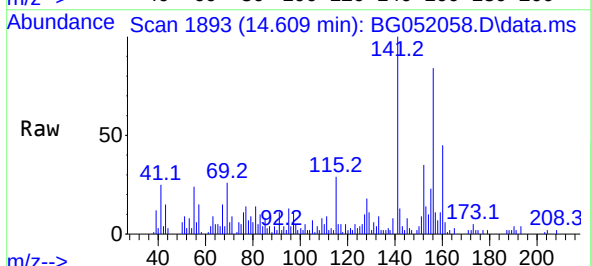
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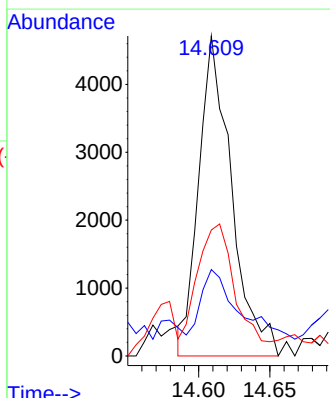
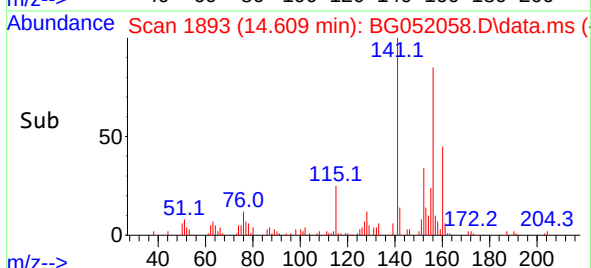
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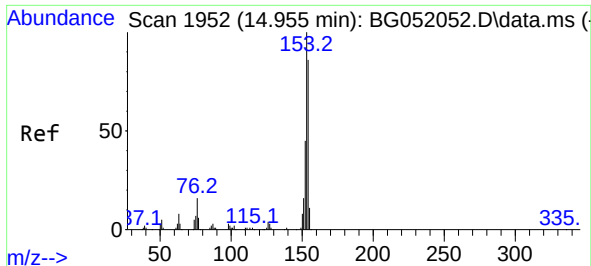


#50
Acenaphthylene
Concen: 1.215 ng/ul
RT: 14.609 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42



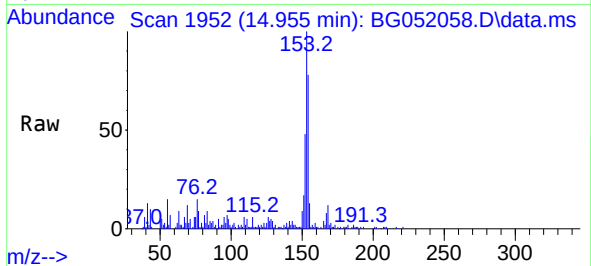
Tgt Ion:152 Resp: 7540
Ion Ratio Lower Upper
152 100
151 27.0 17.4 26.0#
153 39.4 10.3 15.5#





#52
Acenaphthene
Concen: 12.842 ng/u1
RT: 14.955 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

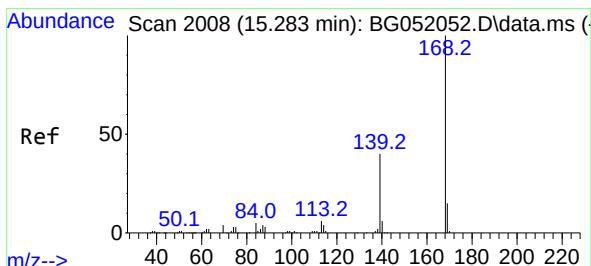
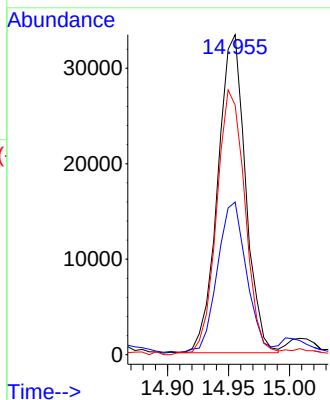
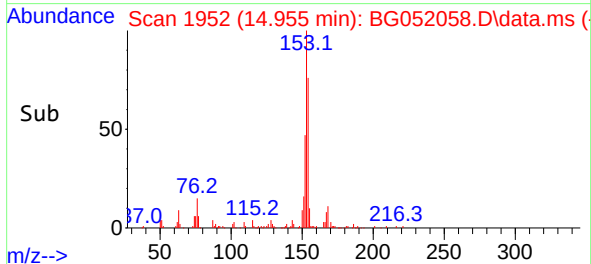
Instrument :
BNA_G
ClientSampleId :
BGLS8ME



Tgt Ion:153 Resp: 52974
Ion Ratio Lower Upper
153 100
152 47.7 36.5 54.7
154 78.0 65.8 98.6

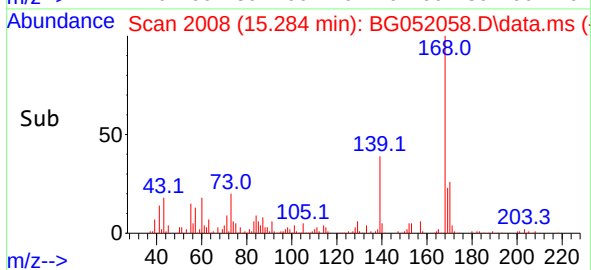
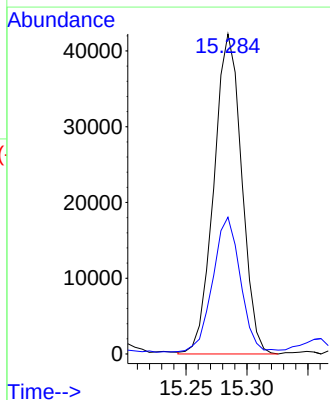
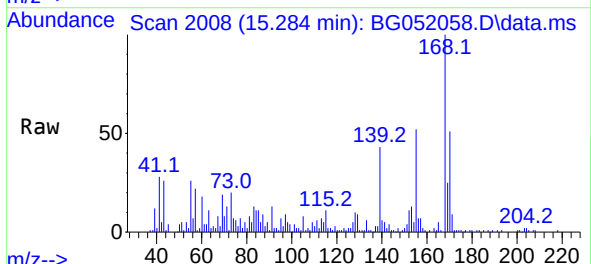
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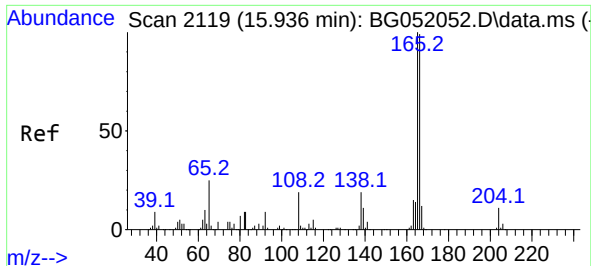
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#56
Dibenzofuran
Concen: 11.186 ng/u1
RT: 15.284 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Tgt Ion:168 Resp: 67019
Ion Ratio Lower Upper
168 100
139 42.8 31.2 46.8





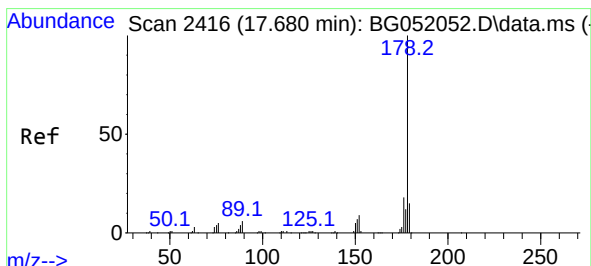
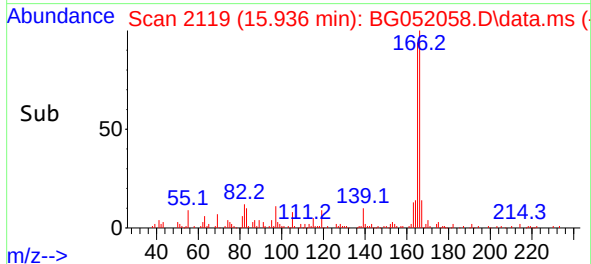
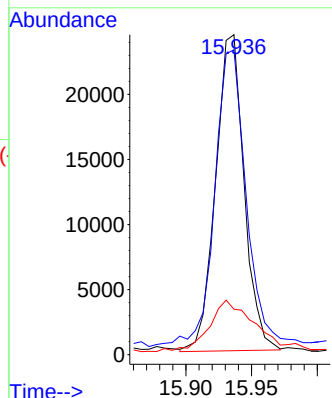
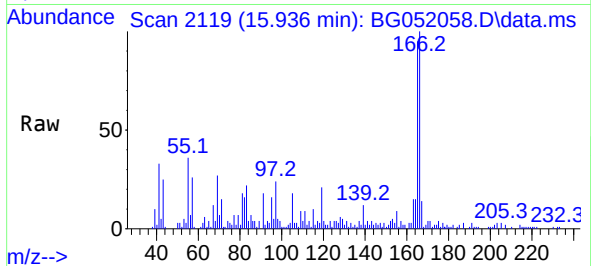
#61
Fluorene
Concen: 7.340 ng/u1
RT: 15.936 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Instrument :
BNA_G
ClientSampleId :
BGLS8ME

Tgt Ion:166 Resp: 3664
Ion Ratio Lower Upper
166 100
165 95.3 81.0 121.6
167 14.2 11.0 16.4

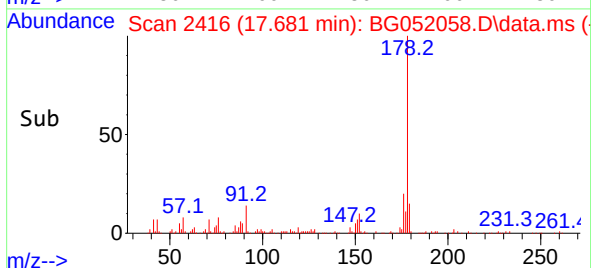
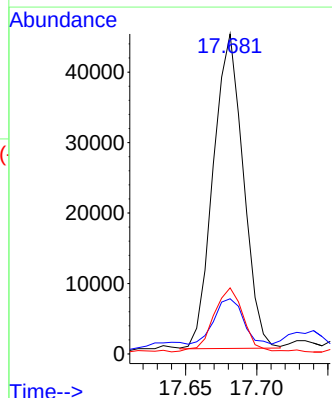
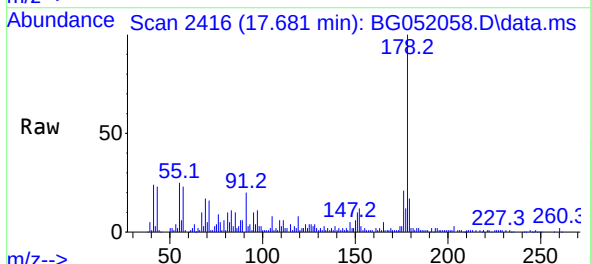
Manual Integrations
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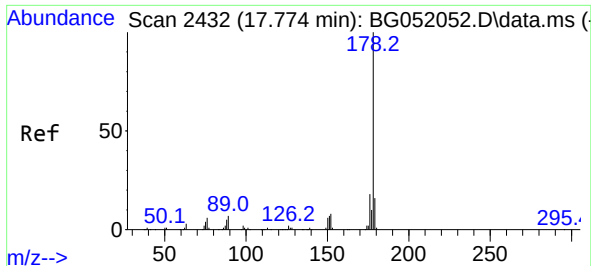
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#72
Phenanthrene
Concen: 9.650 ng/u1
RT: 17.681 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

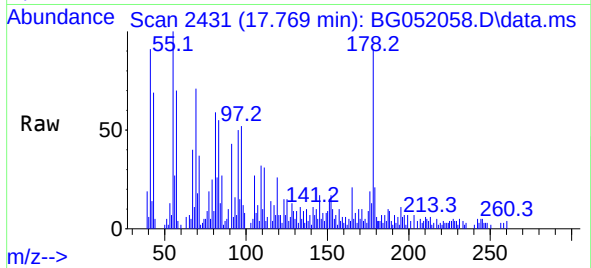
Tgt Ion:178 Resp: 65631
Ion Ratio Lower Upper
178 100
179 17.2 12.3 18.5
176 20.7 15.5 23.3





#74
 Anthracene
 Concen: 1.495 ng/ul m
 RT: 17.769 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BG052058.D
 Acq: 18 Jan 2022 18:42

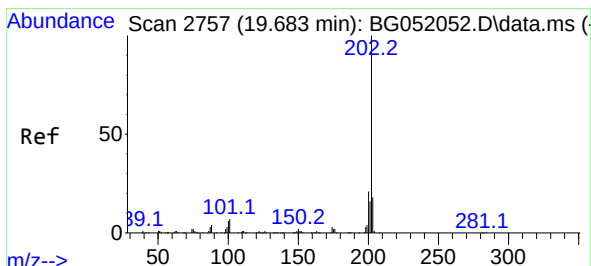
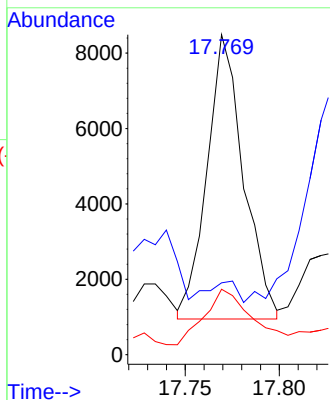
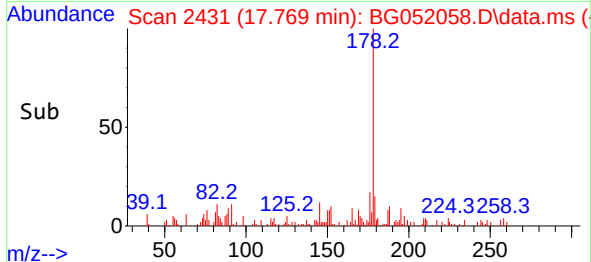
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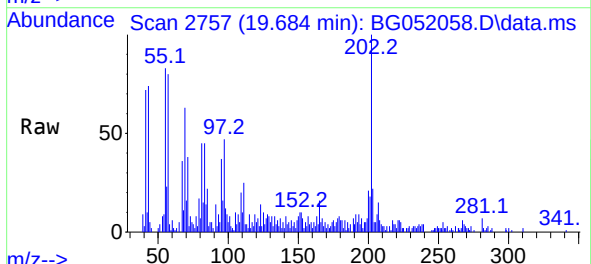
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 Ion Ratio Lower Upper
 178 100
 179 22.4 13.0 19.6#
 176 20.5 15.6 23.4#

Manual Integrations
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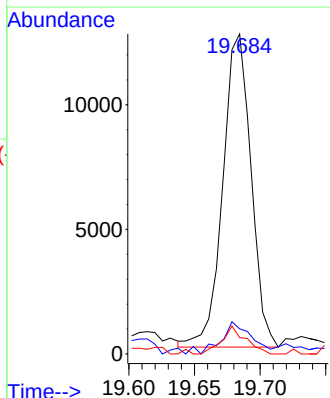
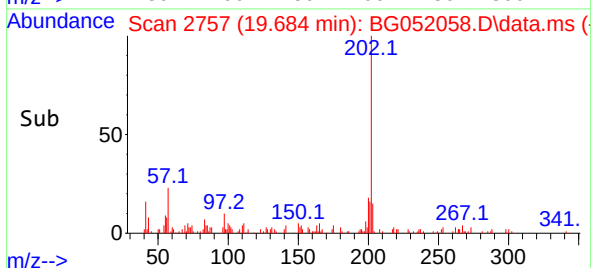
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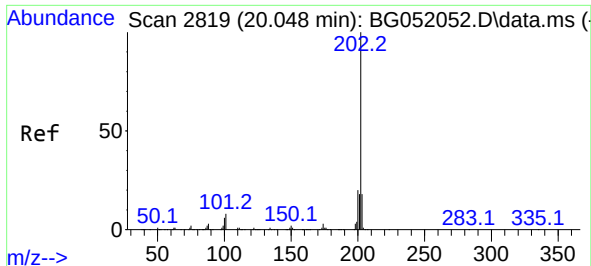


#80
 Fluoranthene
 Concen: 2.266 ng/ul
 RT: 19.684 min Scan# 2757
 Delta R.T. 0.006 min
 Lab File: BG052058.D
 Acq: 18 Jan 2022 18:42



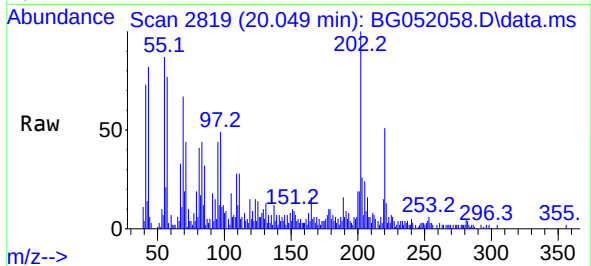
Tgt Ion:202 Resp: 18790
 Ion Ratio Lower Upper
 202 100
 101 7.8 9.3 13.9#
 100 5.1 7.0 10.6#





#82
Pyrene
Concen: 2.152 ng/u1
RT: 20.049 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

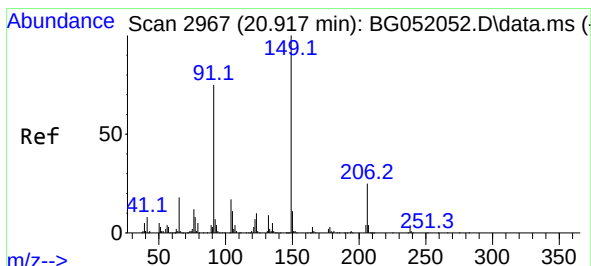
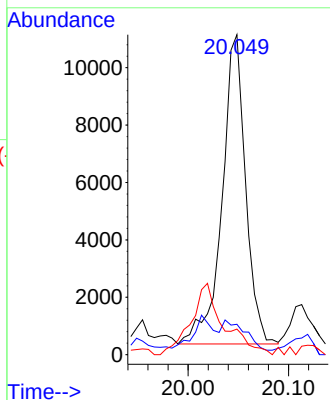
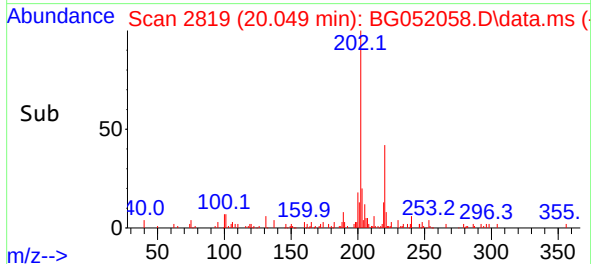
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BGLS8ME



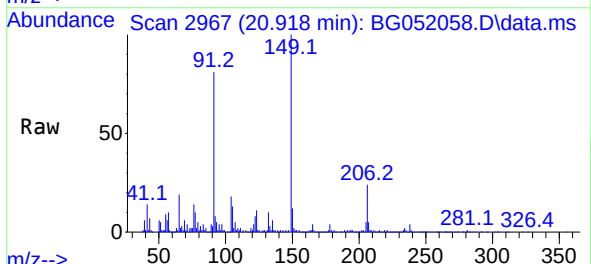
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100 8.0 9.0 13.6

Manual Integrations
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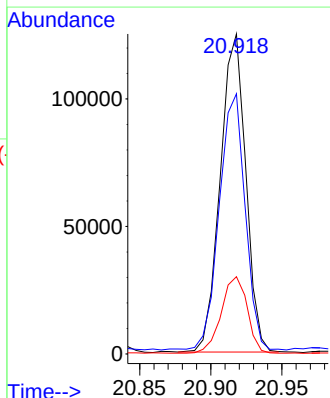
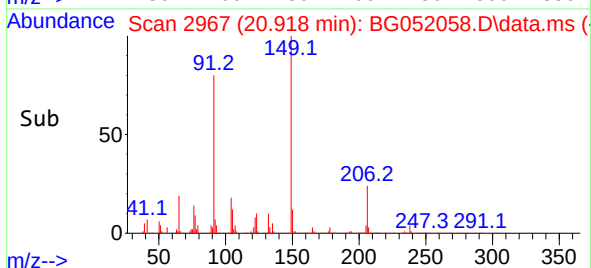
Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

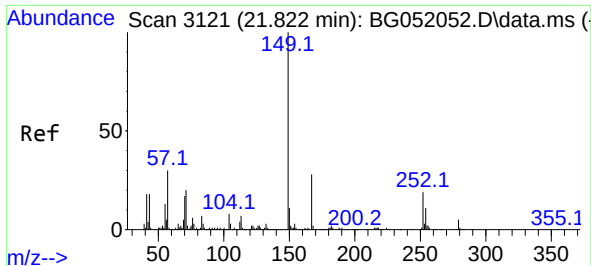


#83
Butylbenzylphthalate
Concen: 54.796 ng/u1
RT: 20.918 min Scan# 2967
Delta R.T. 0.006 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42



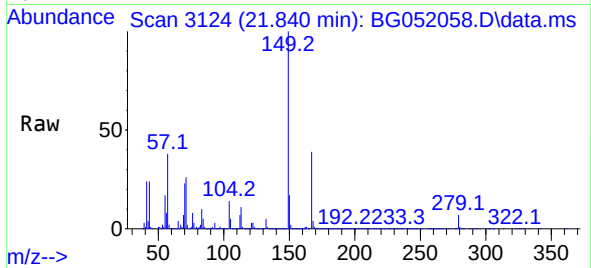
Tgt Ion:149 Resp: 155674
Ion Ratio Lower Upper
149 100
91 81.3 65.2 97.8
206 24.2 16.2 24.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 836.535 ng/ul
RT: 21.840 min Scan# 3121
Delta R.T. 0.023 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

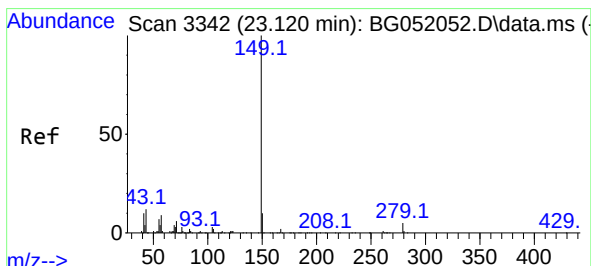
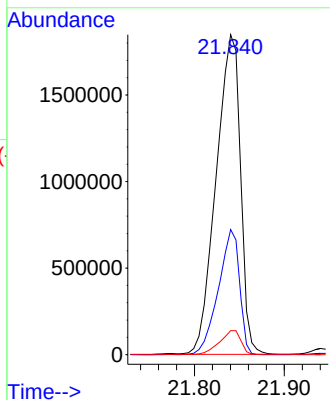
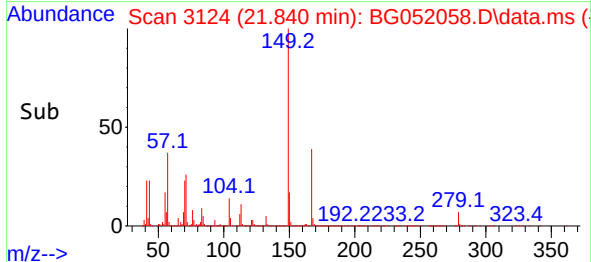
Instrument :
BNA_G
ClientSampleId :
BGLS8ME



Tgt Ion:149 Resp: 3475640
Ion Ratio Lower Upper
149 100
167 39.1 21.1 31.7
279 7.5 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/19/2022
Supervised By :mohammad ahmed 01/21/2022



#89
Di-n-octyl phthalate
Concen: 30.004 ng/ul
RT: 23.127 min Scan# 3343
Delta R.T. 0.006 min
Lab File: BG052058.D
Acq: 18 Jan 2022 18:42

Tgt Ion:149 Resp: 228303

