

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
 Data File : BG051959.D
 Acq On : 12 Jan 2022 23:29
 Operator : CG/JU
 Sample : N1100-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLN2DL

Quant Time: Jan 13 01:38:15 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 01/13/2022
 Supervised By :mohammad ahmed 01/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	26106	20.000	ng/u1	0.00
20) Naphthalene-d8	11.087	136	115911	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.893	164	86058	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.648	188	182215	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.960	240	188122	20.000	ng/u1	# 0.00
88) Perylene-d12	25.444	264	217861	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.573	96	466	0.638	ng/uL	0.00
4) Pyridine-d5	4.008	84	6351m	2.796	ng/u1	0.00
7) Phenol-d5	7.386	99	14313	5.602	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.556	67	33761	20.815	ng/u1	0.00
11) 2-Chlorophenol-d4	7.774	132	9767	5.774	ng/u1	0.00
15) 4-Methylphenol-d8	8.919	113	36277m	18.264	ng/u1	-0.03
21) Nitrobenzene-d5	9.418	128	5740	6.267	ng/u1	0.00
24) 2-Nitrophenol-d4	10.147	143	5533	5.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.699	165	10910	5.510	ng/u1	0.00
31) 4-Chloroaniline-d4	11.204	131	31038	11.256	ng/u1	0.00
46) Dimethylphthalate-d6	14.276	166	37763	5.309	ng/u1	0.00
49) Acenaphthylene-d8	14.588	160	53004	6.169	ng/u1	0.00
54) 4-Nitrophenol-d4	15.064	143	3922m	3.298	ng/u1	0.00
60) Fluorene-d10	15.880	176	35358	5.701	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.986	200	7346m	6.391	ng/u1	0.00
73) Anthracene-d10	17.742	188	56150	6.496	ng/u1	0.00
81) Pyrene-d10	20.022	212	63711	5.885	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.197	264	67750	5.907	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.294	107	15072m	6.240	ng/u1	
30) Naphthalene	11.151	128	2166716	344.962	ng/u1#	96
36) 2-Methylnaphthalene	12.755	142	2866849	640.771	ng/u1	97
37) 1-Methylnaphthalene	12.961	142	1046024	227.809	ng/u1	96
43) 1,1'-Biphenyl	13.724	154	296191	44.582	ng/u1	97
52) Acenaphthene	14.952	153	91583	16.279	ng/u1	94
56) Dibenzofuran	15.287	168	64661	7.914	ng/u1	92
61) Fluorene	15.939	166	20286	2.979	ng/u1#	69
72) Phenanthrene	17.684	178	17432	1.826	ng/u1#	44
86) Bis(2-ethylhexyl)phtha...	21.819	149	16985	2.709	ng/u1#	92

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

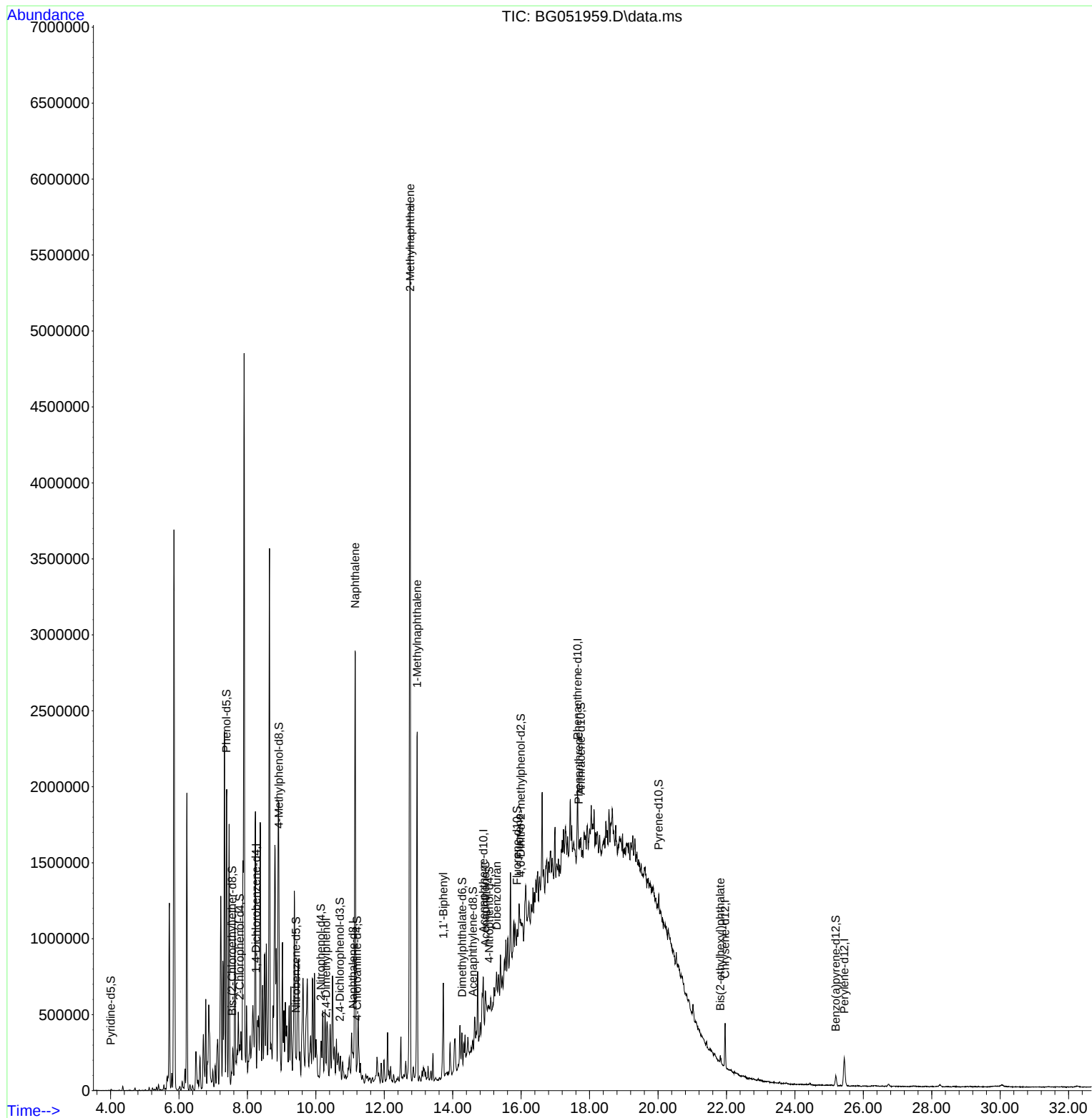
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051959.D
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Sample : N1100-02DL 5X
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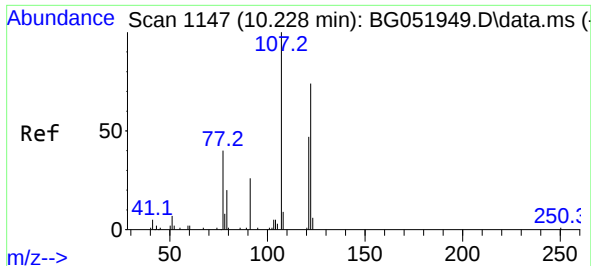
Instrument :
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ClientSampleId :
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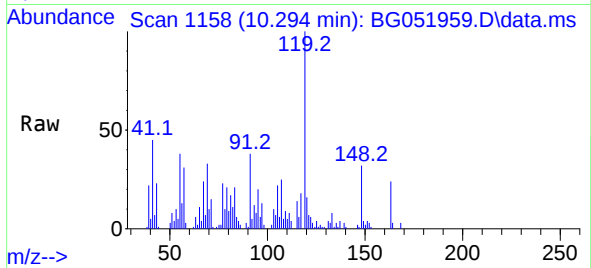
Quant Time: Jan 13 01:38:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
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#26
2,4-Dimethylphenol
Concen: 6.240 ng/ul m
RT: 10.294 min Scan# 1147
Delta R.T. 0.061 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

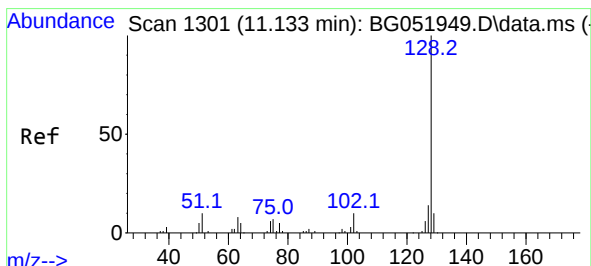
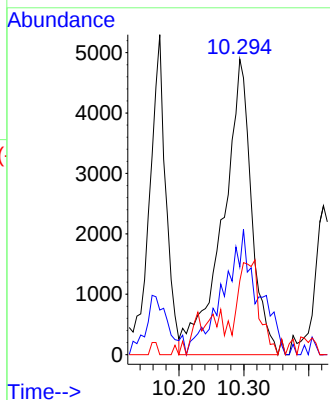
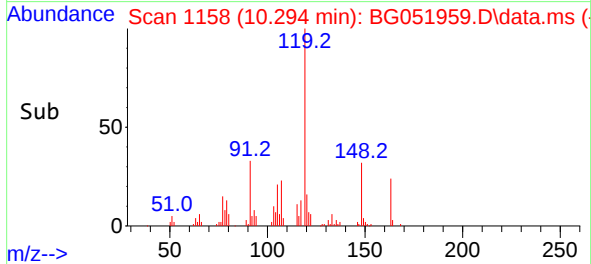
Instrument :
BNA_G
ClientSampleId :
BGLN2DL



Tgt Ion:107 Resp: 15072
Ion Ratio Lower Upper
107 100
121 29.7 39.3 58.9
122 25.0 63.7 95.5

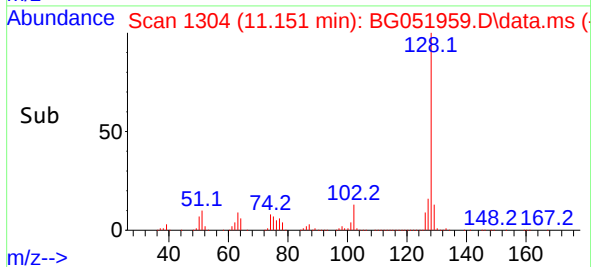
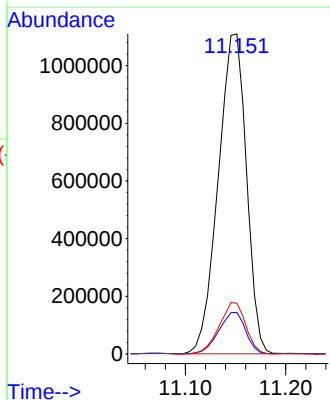
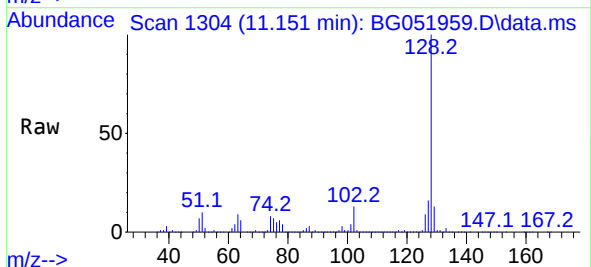
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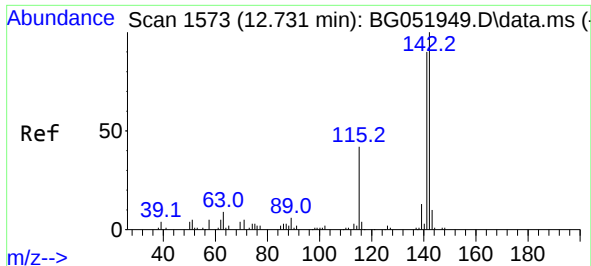
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#30
Naphthalene
Concen: 344.962 ng/ul
RT: 11.151 min Scan# 1304
Delta R.T. 0.008 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

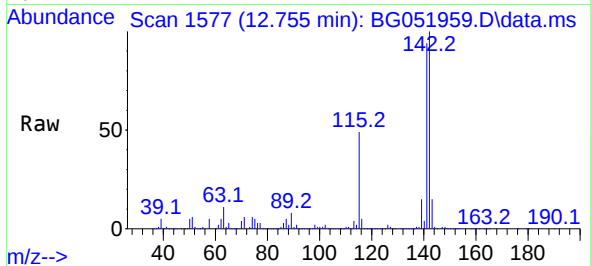
Tgt Ion:128 Resp: 2166716
Ion Ratio Lower Upper
128 100
129 13.0 8.5 12.7#
127 15.9 11.8 17.6





#36
2-Methylnaphthalene
Concen: 640.771 ng/ul
RT: 12.755 min Scan# 11
Delta R.T. 0.020 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

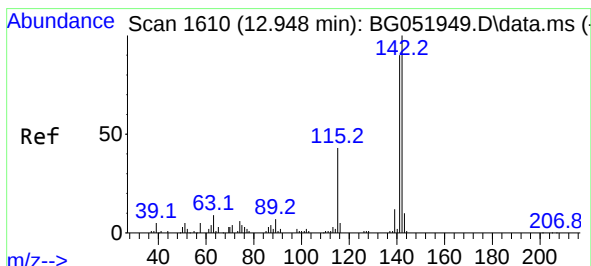
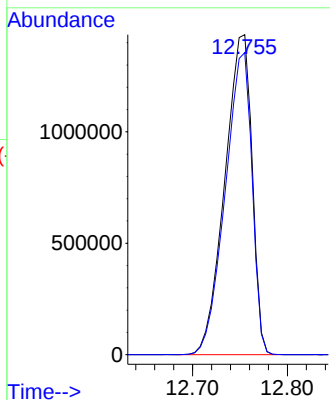
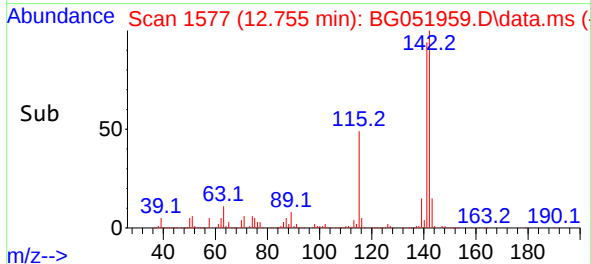
Instrument :
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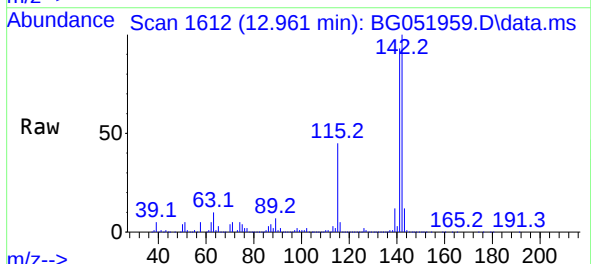
Tgt Ion:142 Resp: 2866849
Ion Ratio Lower Upper
142 100
141 94.4 73.3 109.9

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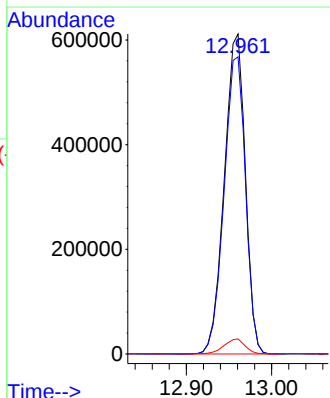
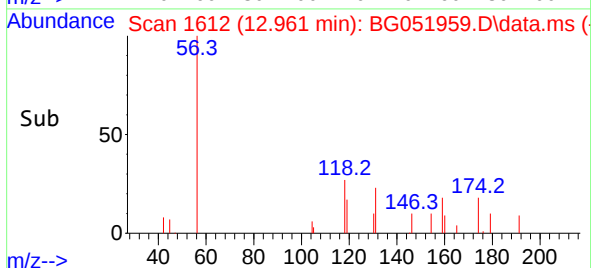
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

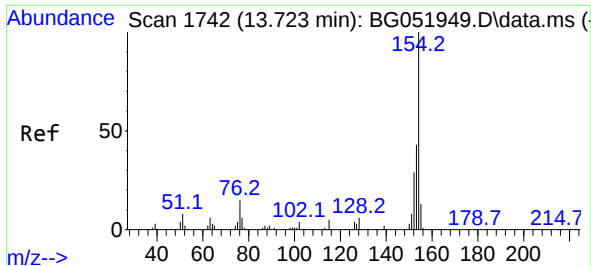


#37
1-Methylnaphthalene
Concen: 227.809 ng/ul
RT: 12.961 min Scan# 1612
Delta R.T. 0.008 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29



Tgt Ion:142 Resp: 1046024
Ion Ratio Lower Upper
142 100
141 92.9 77.8 116.8
116 4.7 3.3 4.9





#43

1,1'-Biphenyl

Concen: 44.582 ng/ul

RT: 13.724 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG051959.D

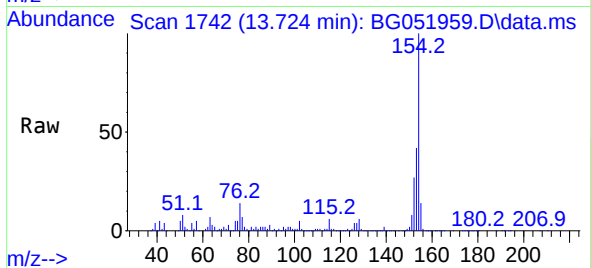
Acq: 12 Jan 2022 23:29

Instrument :

BNA_G

ClientSampleId :

BGLN2DL



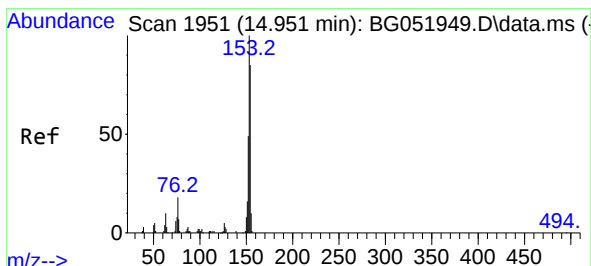
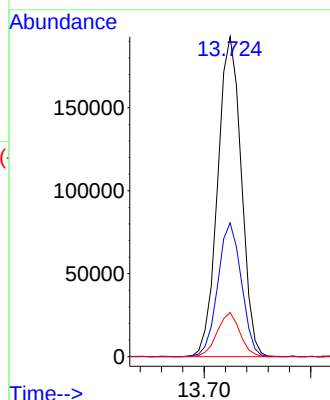
Tgt Ion:154 Resp: 29619

Ion	Ratio	Lower	Upper
154	100		
153	41.8	34.5	51.7
76	13.8	13.1	19.7

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#52

Acenaphthene

Concen: 16.279 ng/ul

RT: 14.952 min Scan# 1951

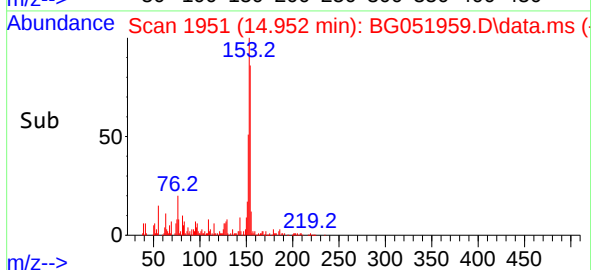
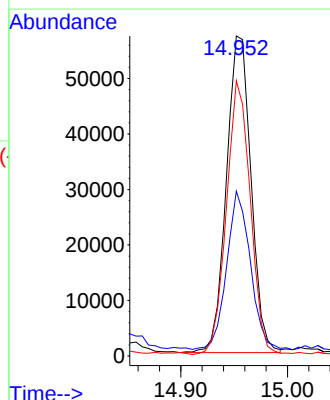
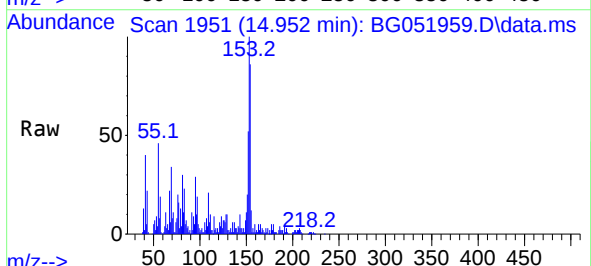
Delta R.T. -0.003 min

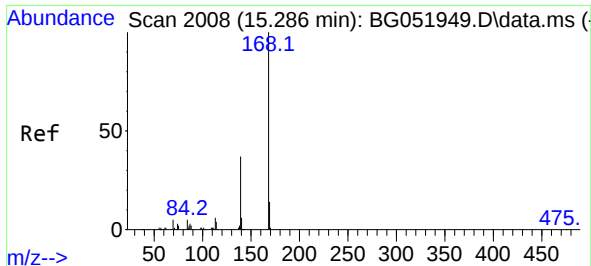
Lab File: BG051959.D

Acq: 12 Jan 2022 23:29

Tgt Ion:153 Resp: 91583

Ion	Ratio	Lower	Upper
153	100		
152	51.5	36.5	54.7
154	86.0	65.8	98.6





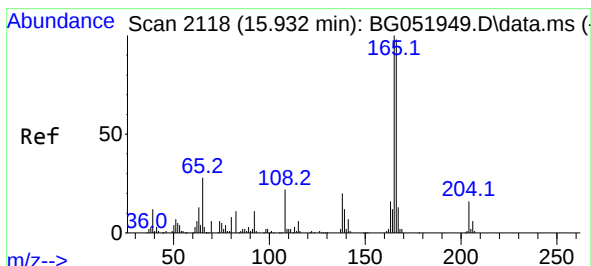
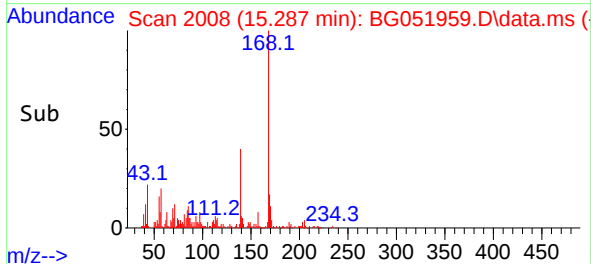
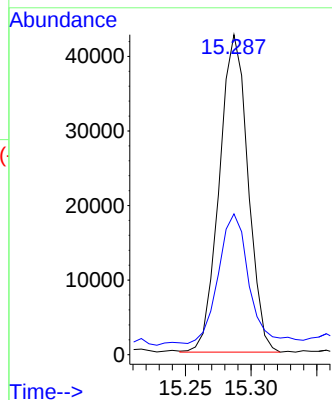
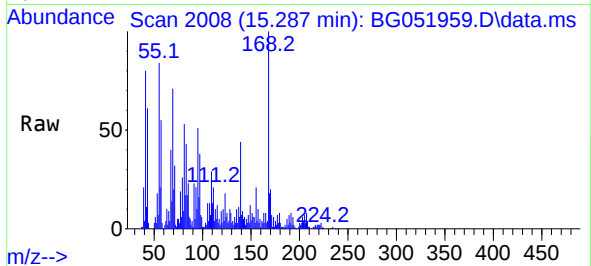
#56
Dibenzenofuran
Concen: 7.914 ng/ul
RT: 15.287 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

Instrument :
BNA_G
ClientSampleId :
BGLN2DL

Tgt Ion:168 Resp: 6466
Ion Ratio Lower Upper
168 100
139 44.0 31.2 46.8

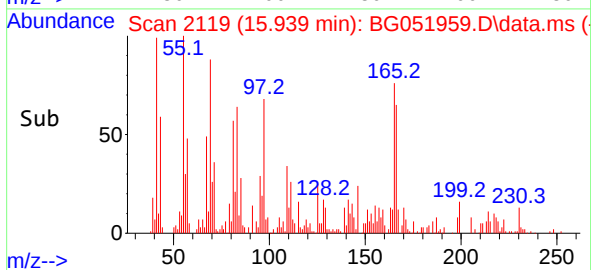
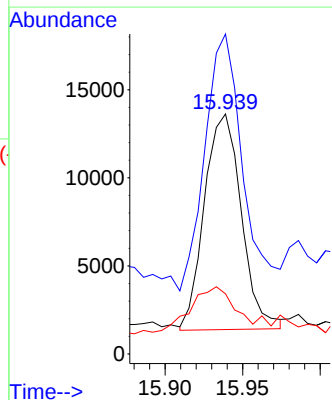
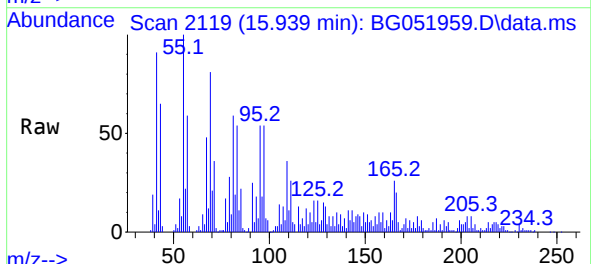
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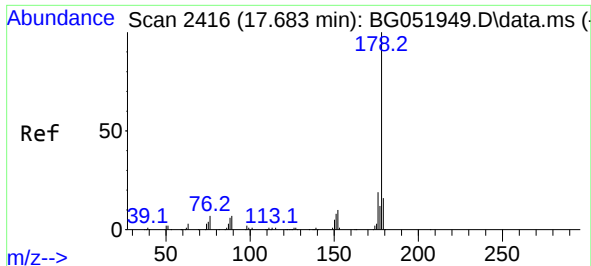
Reviewed By :Jagrut Upadhyay 01/13/2022
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#61
Fluorene
Concen: 2.979 ng/ul
RT: 15.939 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

Tgt Ion:166 Resp: 20286
Ion Ratio Lower Upper
166 100
165 133.3 81.0 121.6#
167 25.0 11.0 16.4#





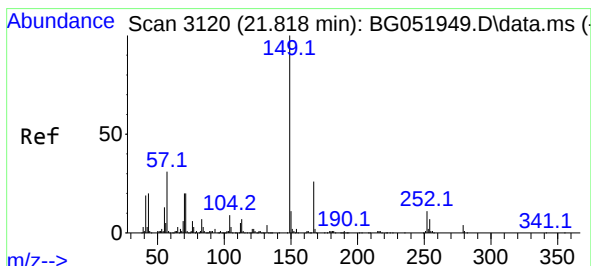
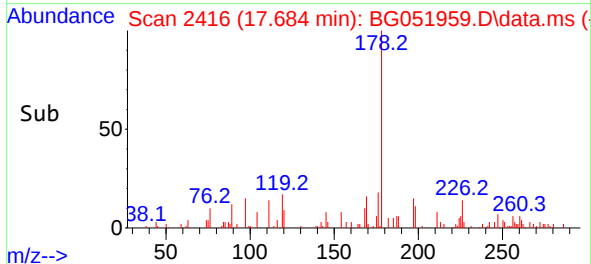
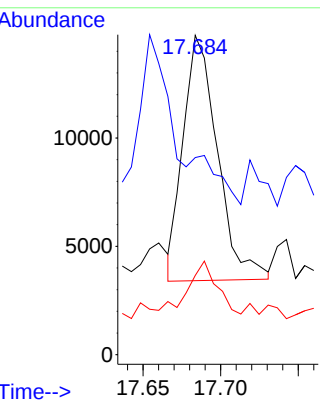
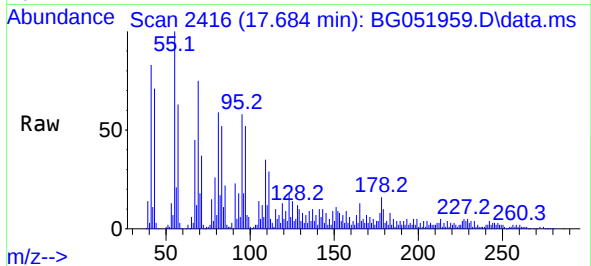
#72
Phenanthrene
Concen: 1.826 ng/ul
RT: 17.684 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

Instrument :
BNA_G
ClientSampleId :
BGLN2DL

Tgt Ion:178 Resp: 1743
Ion Ratio Lower Upper
178 100
179 61.7 12.3 18.5
176 24.8 15.5 23.3

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#86
Bis(2-ethylhexyl)phthalate
Concen: 2.709 ng/ul
RT: 21.819 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG051959.D
Acq: 12 Jan 2022 23:29

Tgt Ion:149 Resp: 16985
Ion Ratio Lower Upper
149 100
167 30.6 21.1 31.7
279 6.8 2.7 4.1

