

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051831.D
 Acq On : 28 Dec 2021 16:06
 Operator : CG/JU
 Sample : M5215-05DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLD7DL

Quant Time: Dec 29 00:06:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	33893	20.000	ng/u1	0.00
20) Naphthalene-d8	11.119	136	127011	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.908	164	90336	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.657	188	179888	20.000	ng/u1	0.00
79) Chrysene-d12	21.975	240	167990	20.000	ng/u1	#-0.01
88) Perylene-d12	25.470	264	159493	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	4.052	84	4881	1.979	ng/u1	0.00
7) Phenol-d5	7.424	99	14920	4.930	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.600	67	68449m	38.048	ng/u1	0.00
11) 2-Chlorophenol-d4	7.811	132	8755	4.160	ng/u1	0.00
15) 4-Methylphenol-d8	8.957	113	69814	29.845	ng/u1	-0.02
21) Nitrobenzene-d5	9.492	128	6737m	7.235	ng/u1	0.04
24) 2-Nitrophenol-d4	10.185	143	5029	4.940	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	10178	4.611	ng/u1	0.00
31) 4-Chloroaniline-d4	11.230	131	46960	16.157	ng/u1	-0.01
46) Dimethylphthalate-d6	14.297	166	32313	4.469	ng/u1	-0.02
49) Acenaphthylene-d8	14.602	160	42179	4.697	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.901	176	27681	4.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	4148	4.426	ng/u1	-0.01
73) Anthracene-d10	17.757	188	43825	5.107	ng/u1	0.00
81) Pyrene-d10	20.030	212	49426	4.889	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	40669	4.846	ng/u1	-0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.332	107	27718m	10.573	ng/u1	
30) Naphthalene	11.183	128	2429489	355.045	ng/u1#	95
36) 2-Methylnaphthalene	12.775	142	2339262	479.186	ng/u1	98
37) 1-Methylnaphthalene	12.981	142	857378	169.148	ng/u1	97
43) 1,1'-Biphenyl	13.745	154	222972	32.222	ng/u1#	95
52) Acenaphthene	14.972	153	63064	10.865	ng/u1	96
56) Dibenzofuran	15.301	168	48057	5.622	ng/u1	94
61) Fluorene	15.953	166	13072	1.856	ng/u1#	85
72) Phenanthrene	17.704	178	11050	1.194	ng/u1#	67
83) Butylbenzylphthalate	20.929	149	6685	1.736	ng/u1#	55
86) Bis(2-ethylhexyl)phtha...	21.840	149	38774	7.187	ng/u1#	99

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

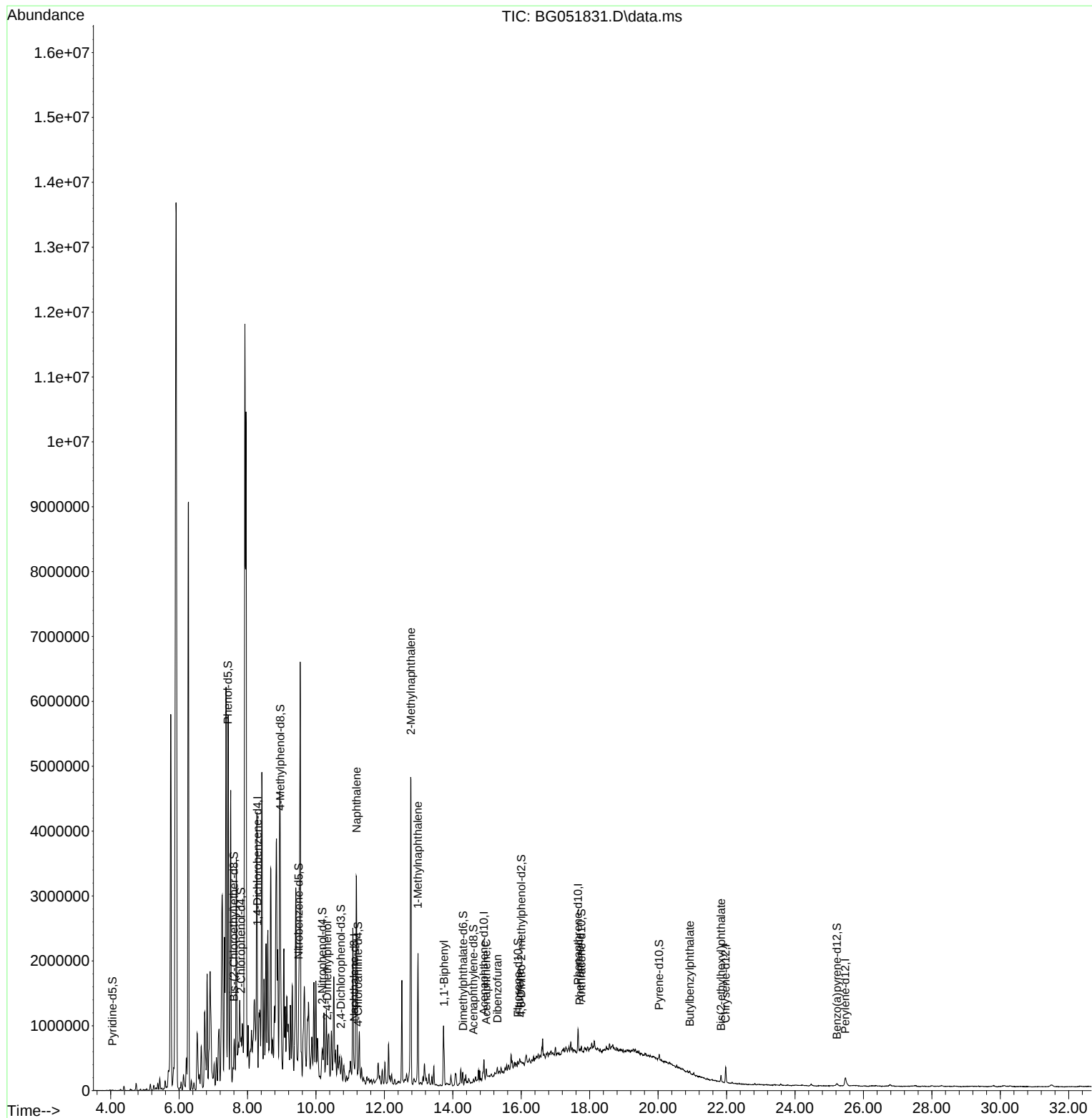
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051831.D
Acq On : 28 Dec 2021 16:06
Operator : CG/JU
Sample : M5215-05DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

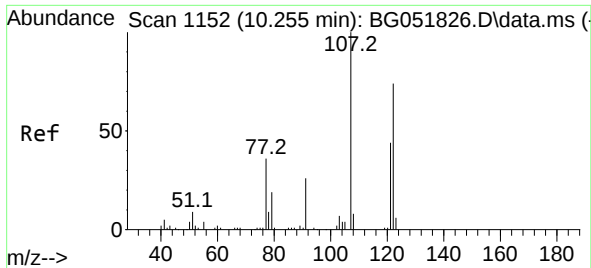
Instrument :
BNA_G
ClientSampleId :
BGLD7DL

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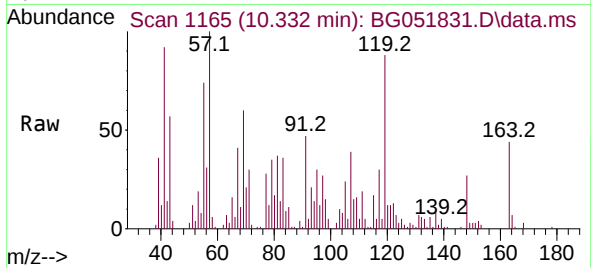
Quant Time: Dec 29 00:06:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 10.573 ng/ul m
RT: 10.332 min Scan# 1165
Delta R.T. 0.065 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

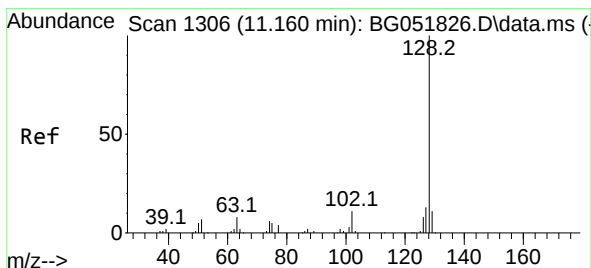
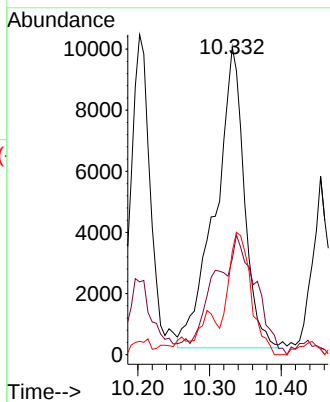
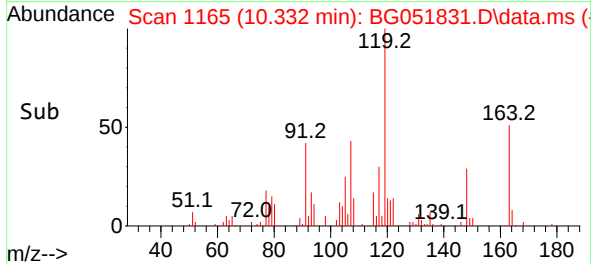
Instrument :
BNA_G
ClientSampleId :
BGLD7DL



Tgt Ion:107 Resp: 27718
Ion Ratio Lower Upper
107 100
121 31.1 39.3 58.9
122 33.5 63.7 95.5

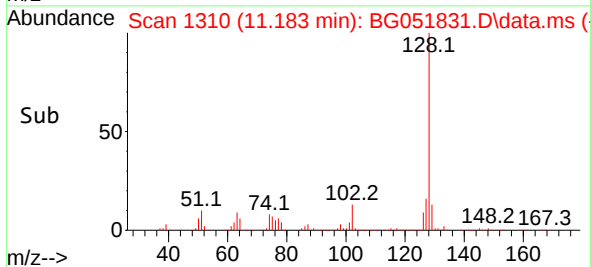
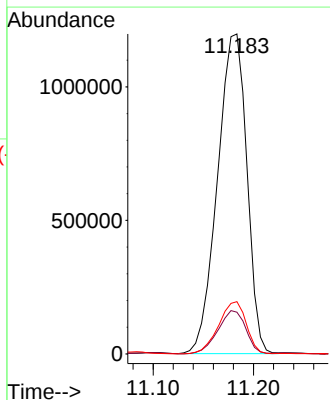
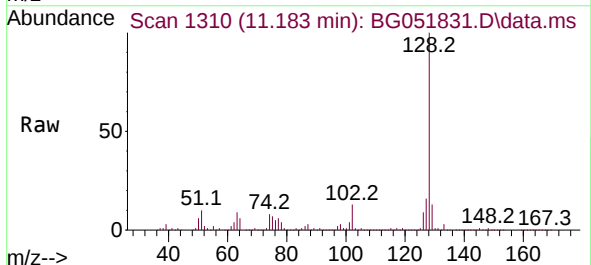
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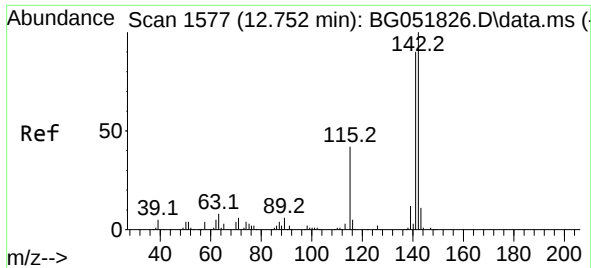
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#30
Naphthalene
Concen: 355.045 ng/ul
RT: 11.183 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

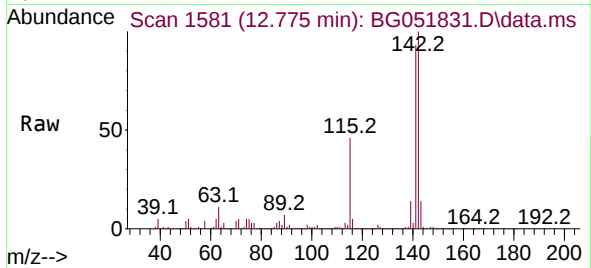
Tgt Ion:128 Resp: 2429489
Ion Ratio Lower Upper
128 100
129 13.1 8.5 12.7#
127 16.4 11.8 17.6





#36
2-Methylnaphthalene
Concen: 479.186 ng/ul
RT: 12.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

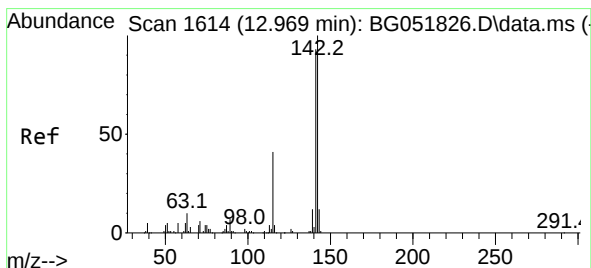
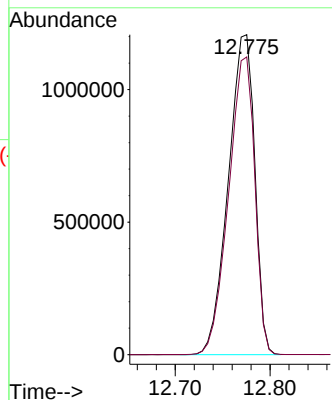
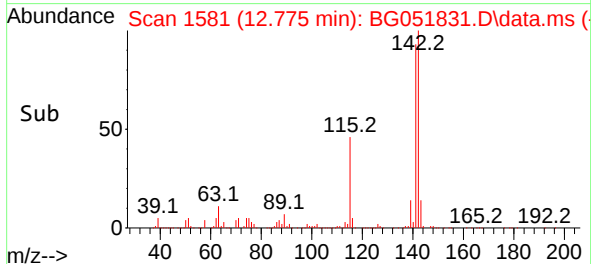
Instrument :
BNA_G
ClientSampleId :
BGLD7DL



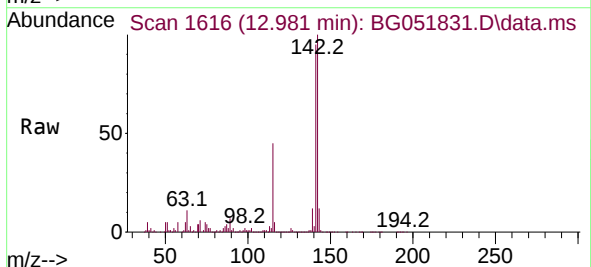
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Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9

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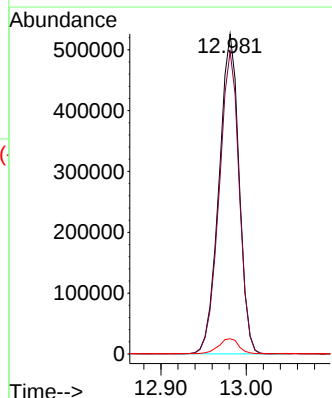
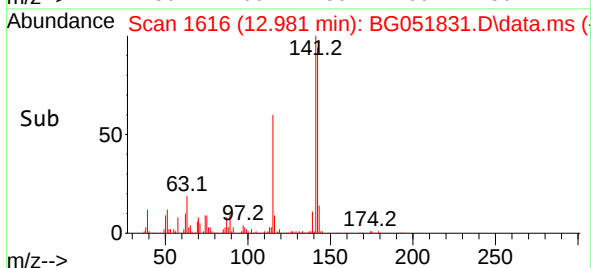
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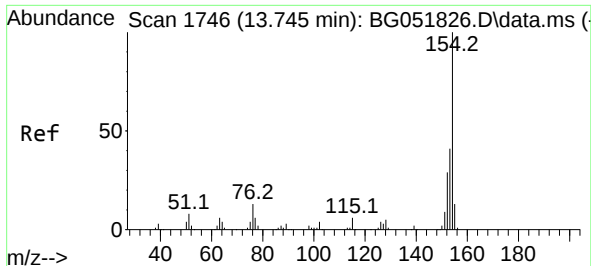


#37
1-Methylnaphthalene
Concen: 169.148 ng/ul
RT: 12.981 min Scan# 1616
Delta R.T. -0.005 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06



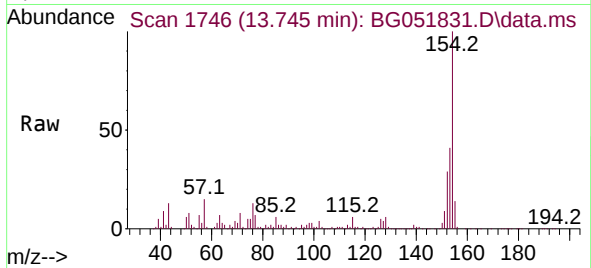
Tgt Ion:142 Resp: 857378
Ion Ratio Lower Upper
142 100
141 94.5 77.8 116.8
116 4.8 3.3 4.9





#43
1,1'-Biphenyl
Concen: 32.222 ng/ul
RT: 13.745 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

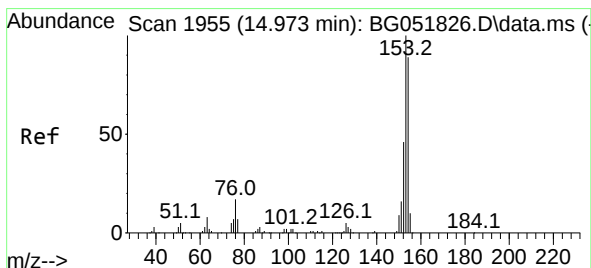
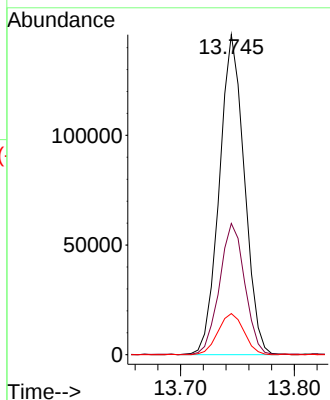
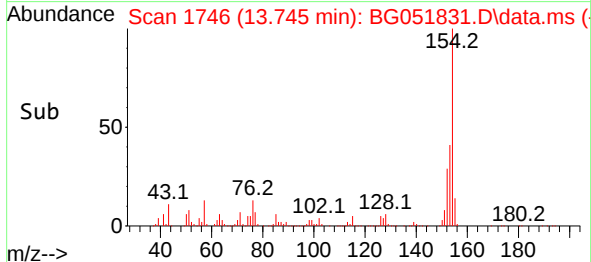
Instrument :
BNA_G
ClientSampleId :
BGLD7DL



Tgt Ion:154 Resp: 222972
Ion Ratio Lower Upper
154 100
153 41.0 34.5 51.7
76 12.9 13.1 19.7

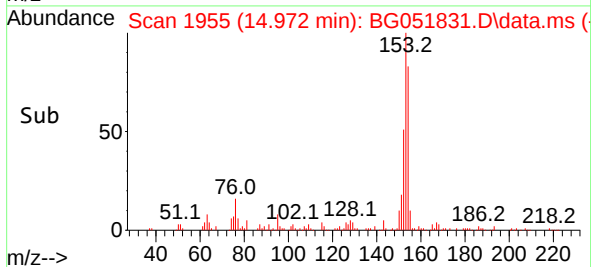
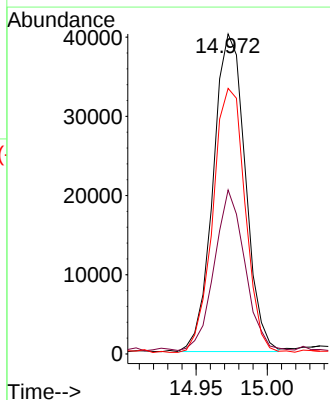
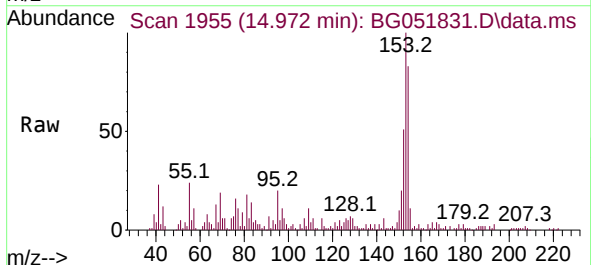
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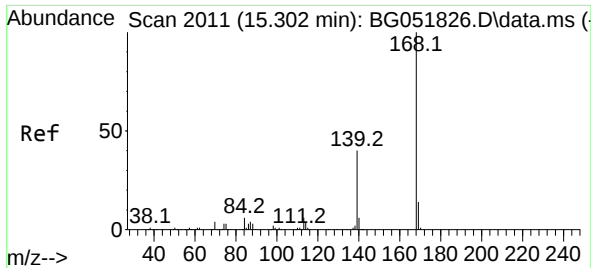
Reviewed By :Jagrut Upadhyay 12/29/2021
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#52
Acenaphthene
Concen: 10.865 ng/ul
RT: 14.972 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

Tgt Ion:153 Resp: 63064
Ion Ratio Lower Upper
153 100
152 51.2 36.5 54.7
154 83.0 65.8 98.6





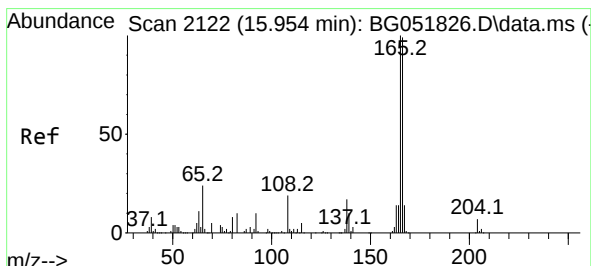
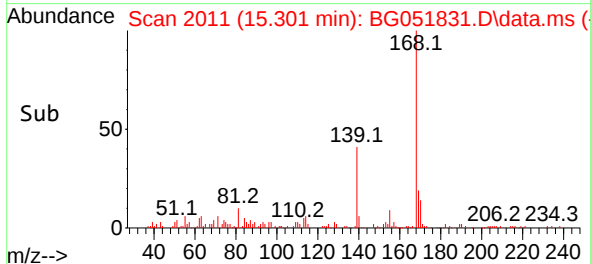
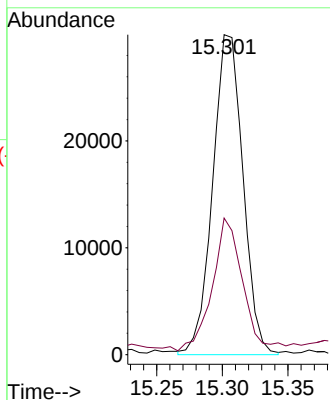
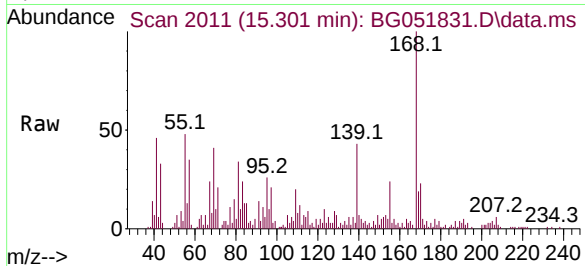
#56
Dibenzo(a,h)anthracene
Concen: 5.622 ng/ul
RT: 15.301 min Scan# 2011
Delta R.T. -0.017 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

Instrument :
BNA_G
ClientSampleId :
BGLD7DL

Tgt Ion:168 Resp: 4805
Ion Ratio Lower Upper
168 100
139 42.7 31.2 46.8

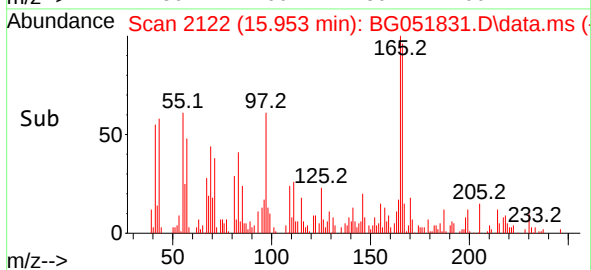
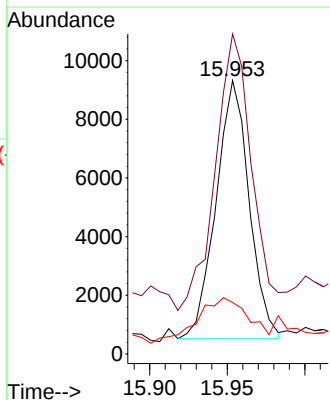
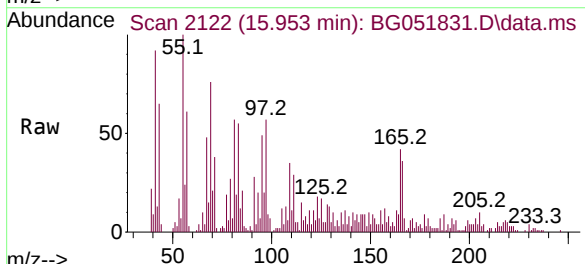
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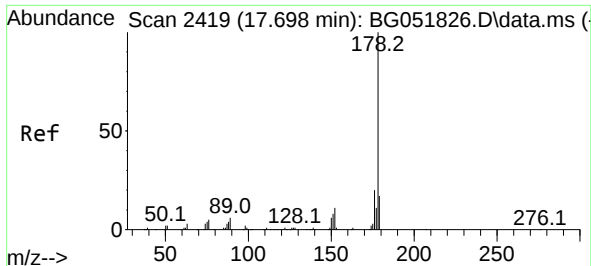
Reviewed By :Jagrut Upadhyay 12/29/2021
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#61
Fluorene
Concen: 1.856 ng/ul
RT: 15.953 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

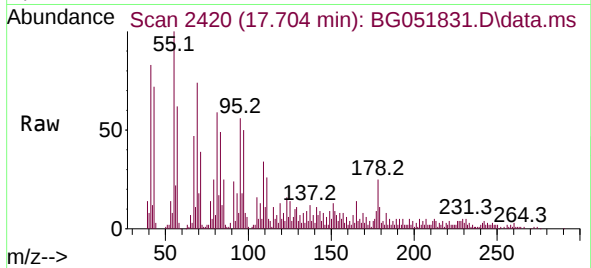
Tgt Ion:166 Resp: 13072
Ion Ratio Lower Upper
166 100
165 117.0 81.0 121.6
167 18.8 11.0 16.4#





#72
Phenanthrene
Concen: 1.194 ng/ul
RT: 17.704 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06

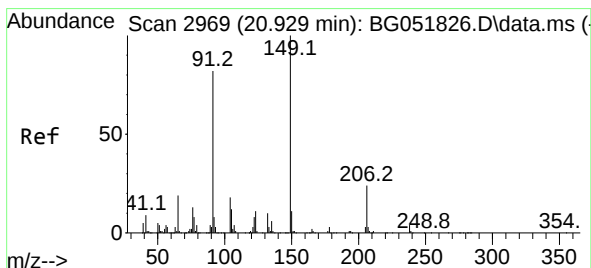
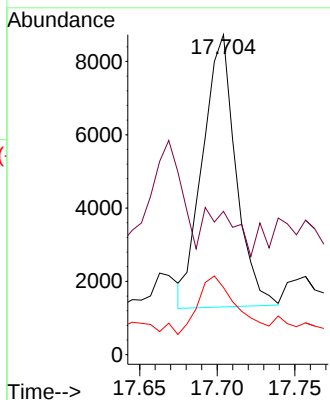
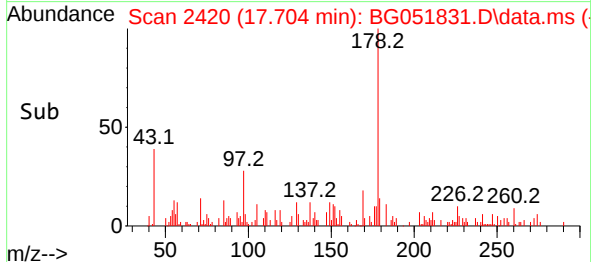
Instrument :
BNA_G
ClientSampleId :
BGLD7DL



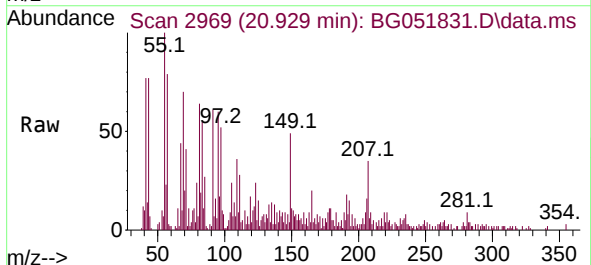
Tgt Ion:178 Resp: 11050
Ion Ratio Lower Upper
178 100
179 44.8 12.3 18.5
176 21.0 15.5 23.3

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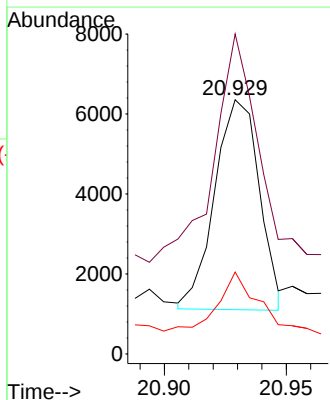
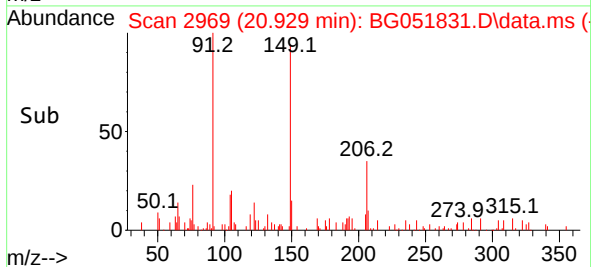
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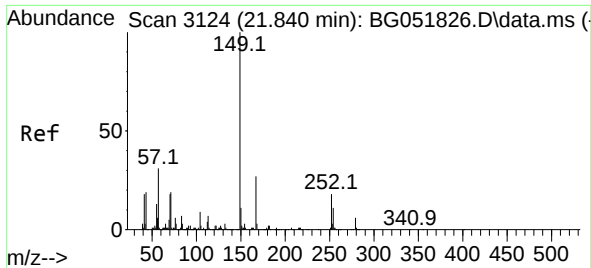


#83
Butylbenzylphthalate
Concen: 1.736 ng/ul
RT: 20.929 min Scan# 2969
Delta R.T. -0.017 min
Lab File: BG051831.D
Acq: 28 Dec 2021 16:06



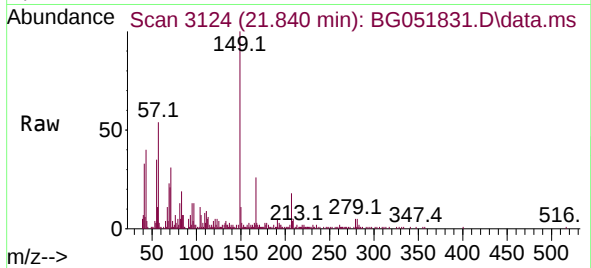
Tgt Ion:149 Resp: 6685
Ion Ratio Lower Upper
149 100
91 125.9 65.2 97.8#
206 32.3 16.2 24.2#





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 7.187 ng/ul
 RT: 21.840 min Scan# 3124
 Delta R.T. -0.029 min
 Lab File: BG051831.D
 Acq: 28 Dec 2021 16:06

Instrument :
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 BGLD7DL



Tgt Ion:	149	Resp:	38774
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.1	31.7
279	5.1	2.7	4.1

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