

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
 Data File : BG051789.D
 Acq On : 23 Dec 2021 17:44
 Operator : CG/JU
 Sample : M5215-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLD6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 24 00:12:29 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	39476m	20.000	ng/ul	0.04
20) Naphthalene-d8	11.138	136	119671	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.916	164	79148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.665	188	158838	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.977	240	152342	20.000	ng/ul	# 0.00
88) Perylene-d12	25.466	264	158846	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	2093	2.202	ng/uL	0.00
4) Pyridine-d5	4.042	84	2850m	0.992	ng/ul	0.00
7) Phenol-d5	7.426	99	65496m	18.582	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.649	67	292106m	139.407	ng/ul	0.06
11) 2-Chlorophenol-d4	7.825	132	41992	17.130	ng/ul	0.01
15) 4-Methylphenol-d8	9.012	113	329022m	120.764	ng/ul	0.03
21) Nitrobenzene-d5	9.452	128	63096	71.914	ng/ul	0.00
24) 2-Nitrophenol-d4	10.204	143	22392	23.346	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.745	165	42683	20.521	ng/ul	0.01
31) 4-Chloroaniline-d4	11.250	131	184559	67.395	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	127851	20.182	ng/ul	-0.02
49) Acenaphthylene-d8	14.610	160	176172	22.392	ng/ul	0.00
54) 4-Nitrophenol-d4	15.074	143	13238	12.850	ng/ul	0.00
60) Fluorene-d10	15.897	176	114775	20.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	10158	12.275	ng/ul	0.00
73) Anthracene-d10	17.759	188	177692	23.451	ng/ul	0.00
81) Pyrene-d10	20.038	212	191125	20.845	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.231	264	190453	22.787	ng/ul	-0.02
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.245	107	80933	32.764	ng/ul#	30
30) Naphthalene	11.197	128	1967703	305.197	ng/ul#	94
36) 2-Methylnaphthalene	12.771	142	979087	212.862	ng/ul	100
37) 1-Methylnaphthalene	12.983	142	453233	94.901	ng/ul#	96
43) 1,1'-Biphenyl	13.747	154	121858	20.099	ng/ul#	94
52) Acenaphthene	14.980	153	10713	2.107	ng/ul#	75
56) Dibenzofuran	15.309	168	9878	1.319	ng/ul#	56
72) Phenanthrene	17.706	178	17870	2.187	ng/ul#	49
78) Di-n-butylphthalate	18.605	149	12269	1.379	ng/ul#	54

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

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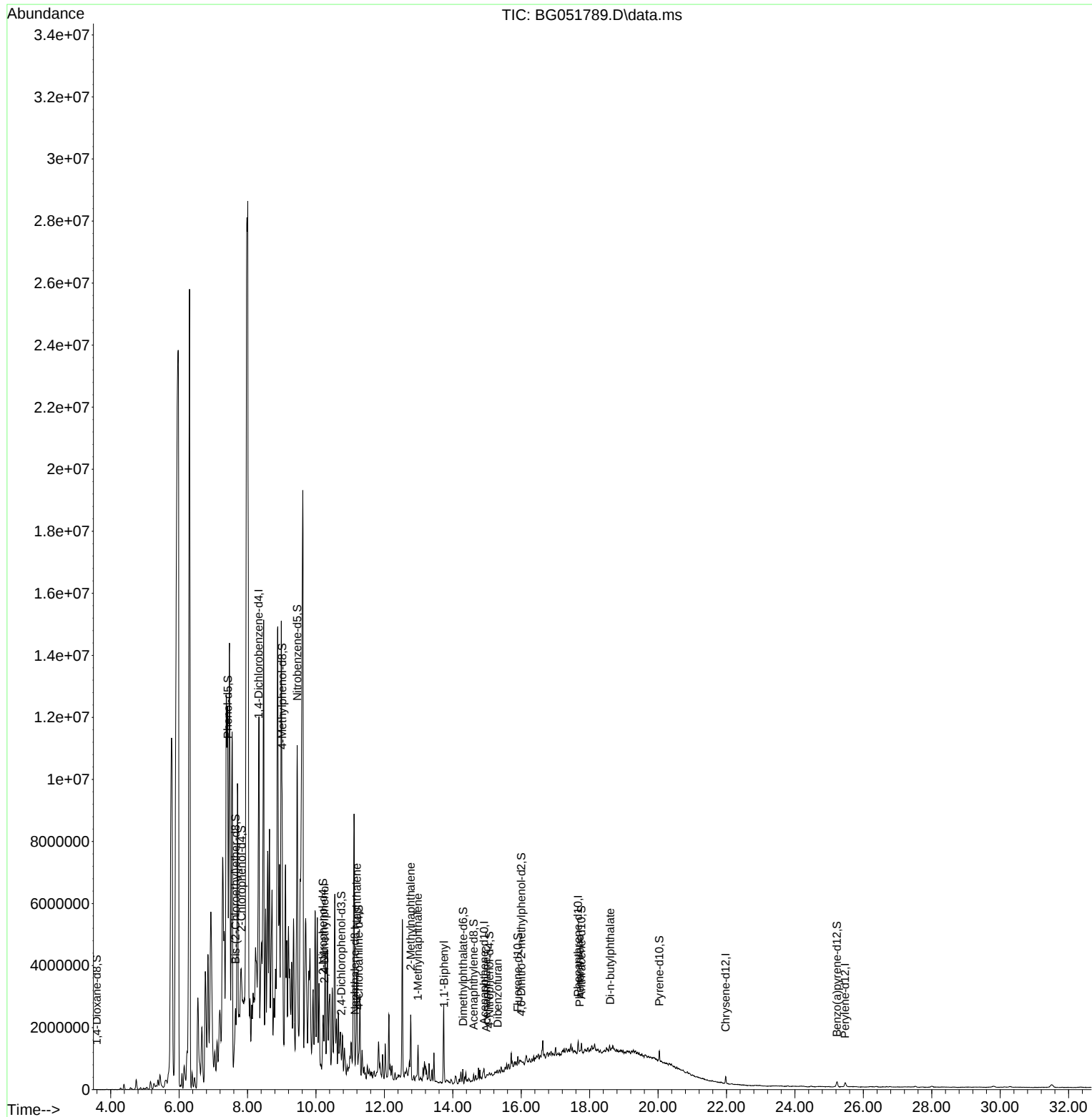
BGLD6

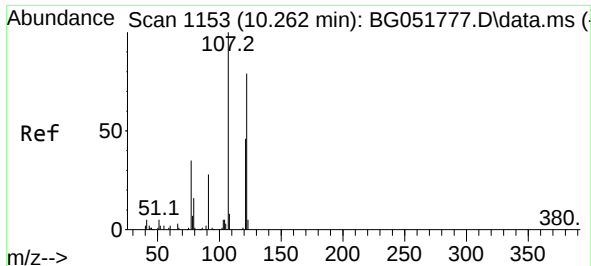
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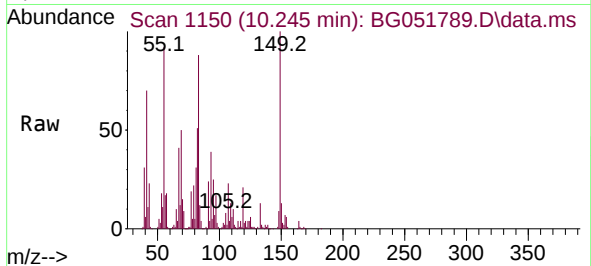
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
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#26
2,4-Dimethylphenol
Concen: 32.764 ng/ul
RT: 10.245 min Scan# 1150
Delta R.T. -0.021 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

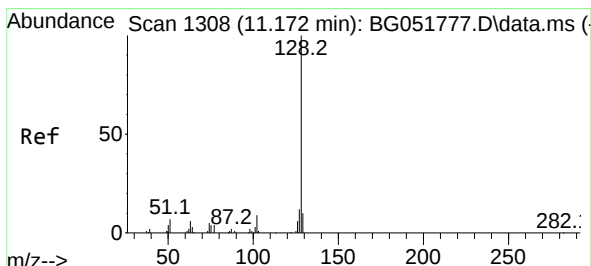
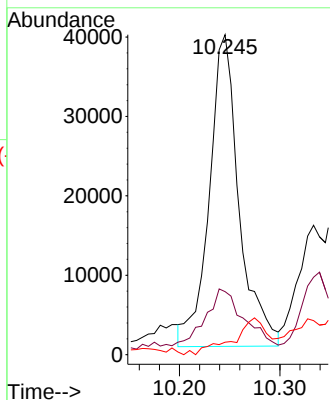
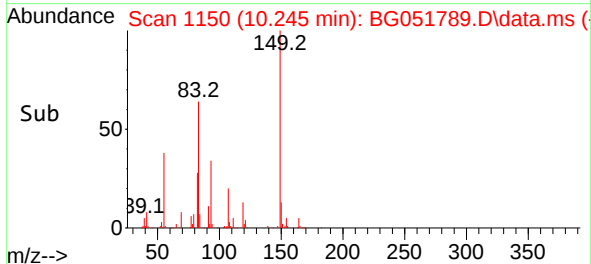
Instrument :
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Tgt Ion:107 Resp: 8093
Ion Ratio Lower Upper
107 100
121 19.7 39.3 58.9
122 3.9 63.7 95.5

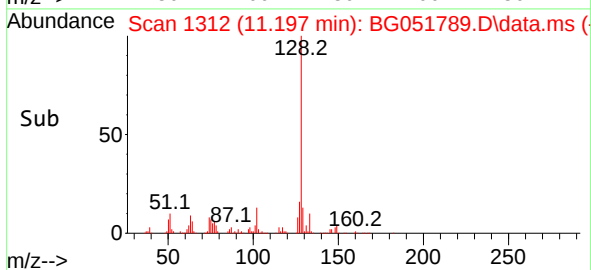
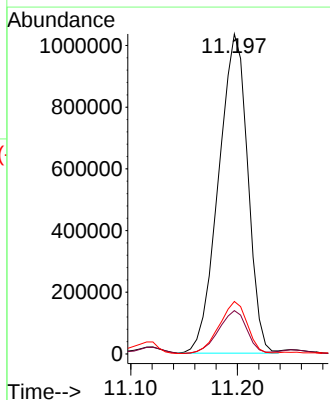
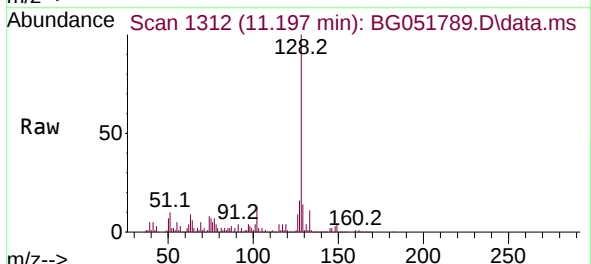
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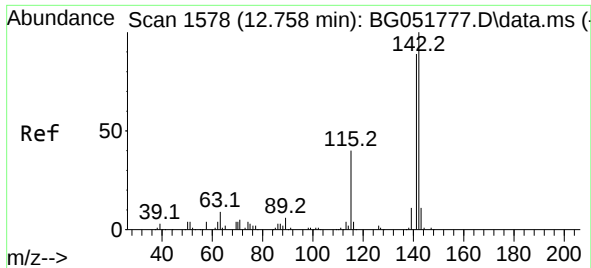
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Supervised By :mohammad ahmed 12/31/2021



#30
Naphthalene
Concen: 305.197 ng/ul
RT: 11.197 min Scan# 1312
Delta R.T. 0.020 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

Tgt Ion:128 Resp: 1967703
Ion Ratio Lower Upper
128 100
129 13.5 8.5 12.7#
127 16.4 11.8 17.6





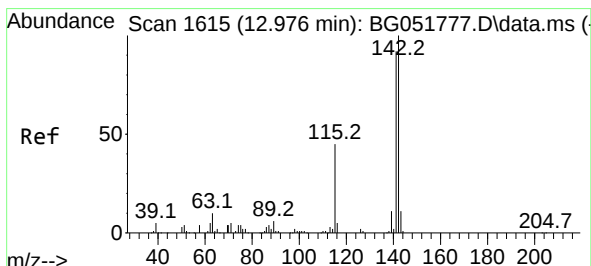
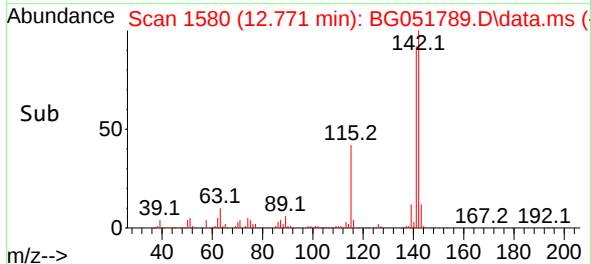
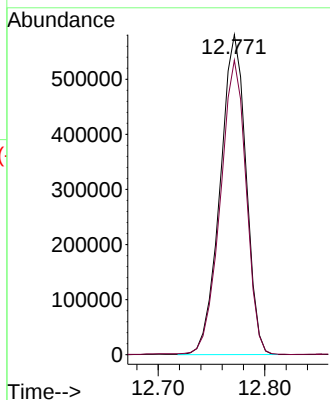
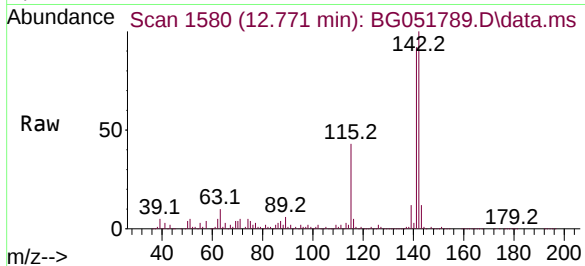
#36
2-Methylnaphthalene
Concen: 212.862 ng/ul
RT: 12.771 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:142 Resp: 97908
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9

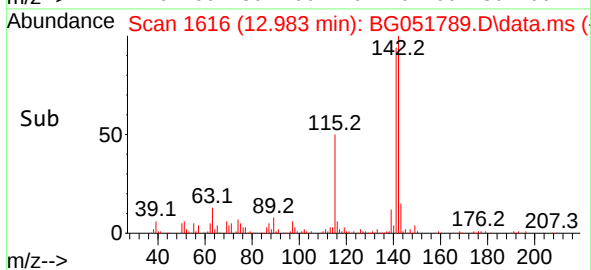
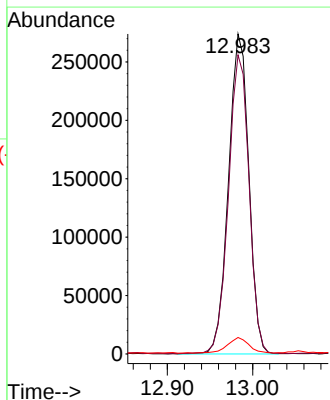
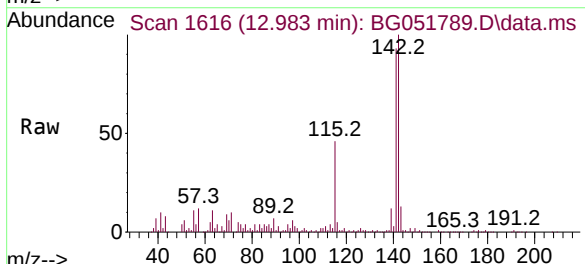
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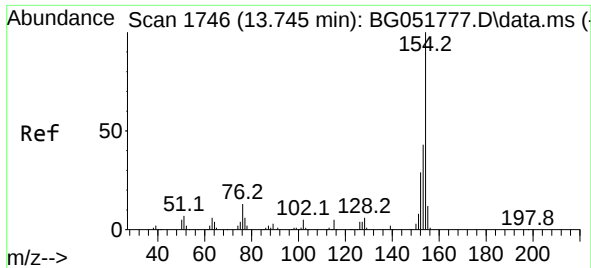
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#37
1-Methylnaphthalene
Concen: 94.901 ng/ul
RT: 12.983 min Scan# 1616
Delta R.T. -0.003 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

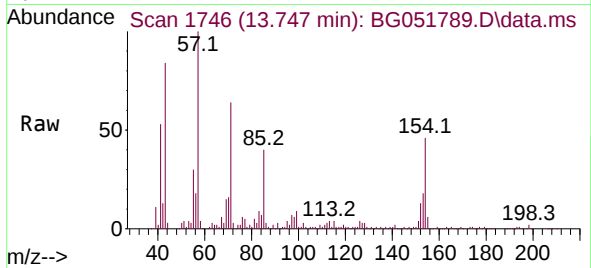
Tgt Ion:142 Resp: 453233
Ion Ratio Lower Upper
142 100
141 93.4 77.8 116.8
116 5.1 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 20.099 ng/ul
RT: 13.747 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

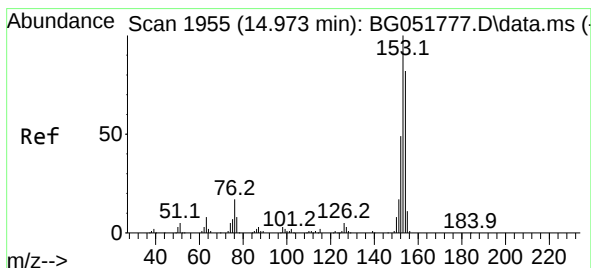
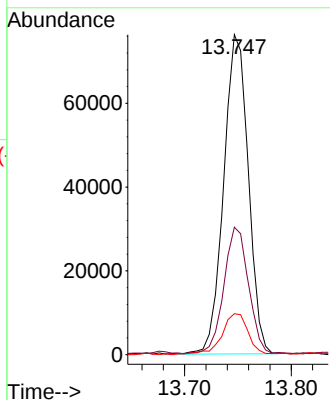
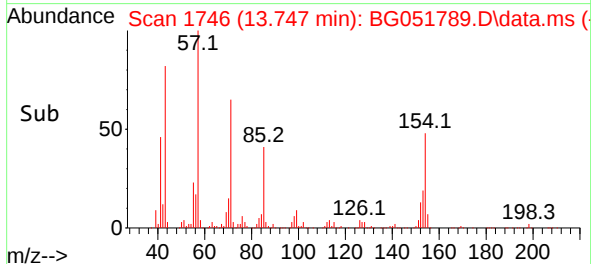
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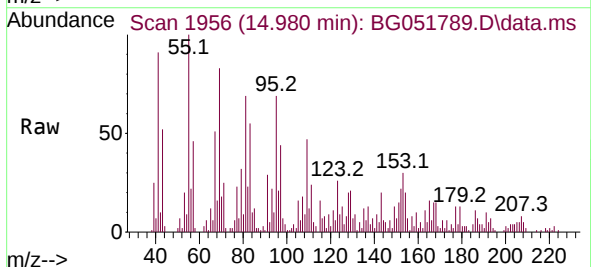
Tgt Ion:154 Resp: 121858
Ion Ratio Lower Upper
154 100
153 39.9 34.5 51.7
76 12.8 13.1 19.7

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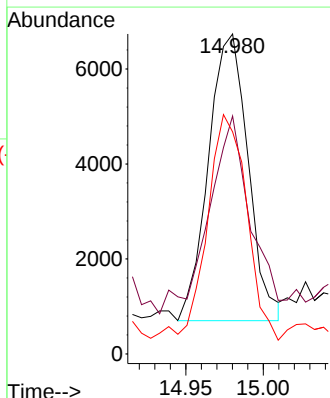
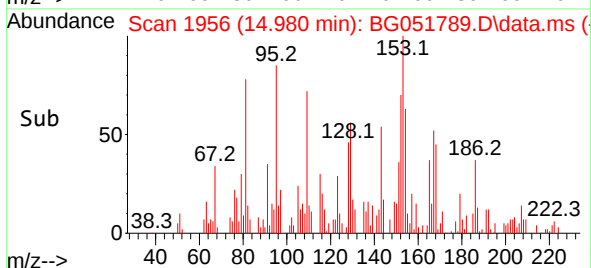
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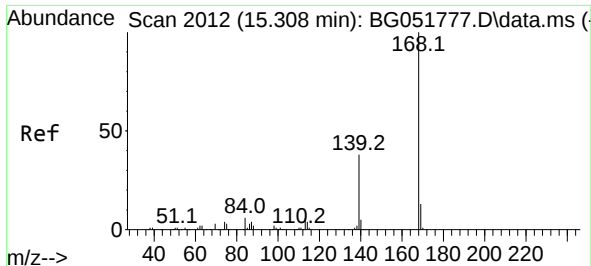


#52
Acenaphthene
Concen: 2.107 ng/ul
RT: 14.980 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44



Tgt Ion:153 Resp: 10713
Ion Ratio Lower Upper
153 100
152 74.4 36.5 54.7#
154 69.4 65.8 98.6





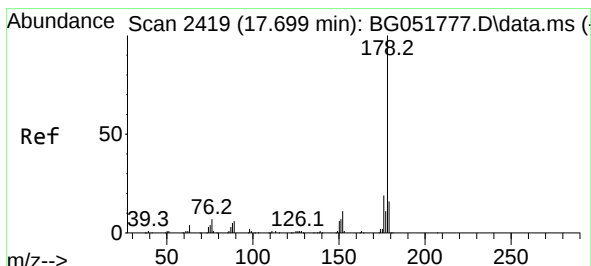
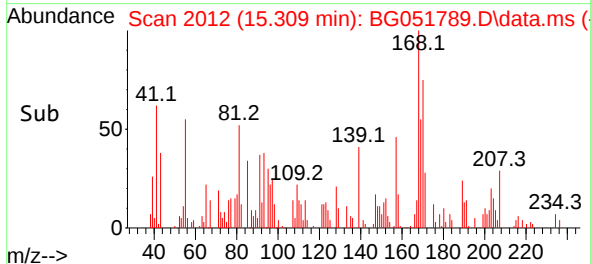
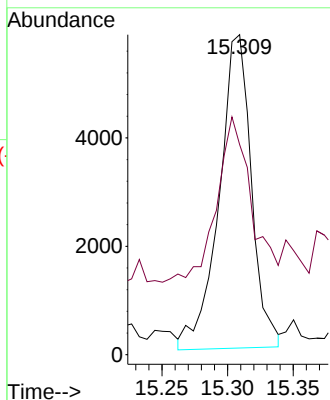
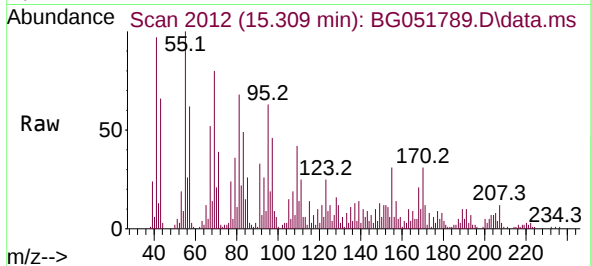
#56
Dibenzenofuran
Concen: 1.319 ng/ul
RT: 15.309 min Scan# 2012
Delta R.T. -0.009 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

Instrument :
BNA_G
ClientSampleId :
BGLD6

Tgt Ion:168 Resp: 9878
Ion Ratio Lower Upper
168 100
139 65.7 31.2 46.8

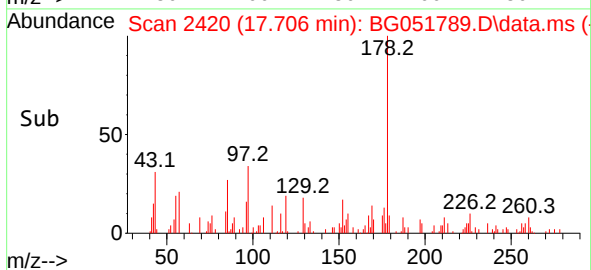
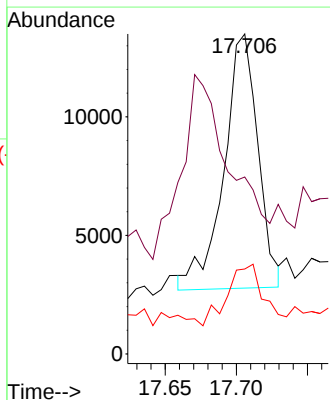
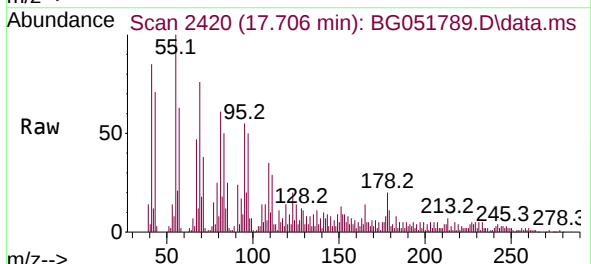
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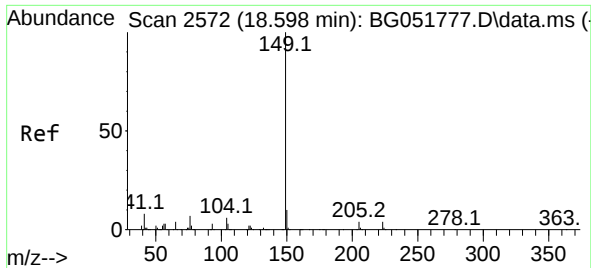
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#72
Phenanthrene
Concen: 2.187 ng/ul
RT: 17.706 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG051789.D
Acq: 23 Dec 2021 17:44

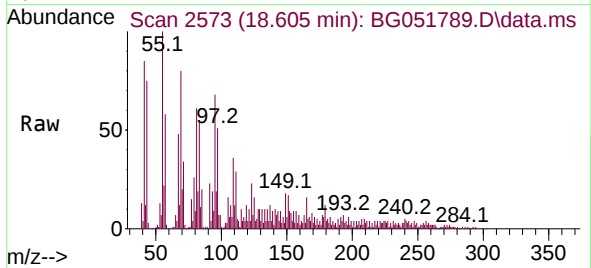
Tgt Ion:178 Resp: 17870
Ion Ratio Lower Upper
178 100
179 55.3 12.3 18.5#
176 26.5 15.5 23.3#





#78
 Di-n-butylphthalate
 Concen: 1.379 ng/ul
 RT: 18.605 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG051789.D
 Acq: 23 Dec 2021 17:44

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Tgt Ion:149 Resp: 12269
 Ion Ratio Lower Upper
 149 100
 150 31.1 7.5 11.3
 104 15.1 5.0 7.6

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