

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051845.D
 Acq On : 29 Dec 2021 1:34
 Operator : CG/JU
 Sample : M5215-01DL2 20X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLD3DL2

Quant Time: Dec 29 03:40:05 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	8.270	152	35904	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.108	136	153746	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	98629	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	203056	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	193265	20.000	ng/ul	#-0.01
88) Perylene-d12	25.482	264	187468	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	4.041	84	427	0.163	ng/ul	0.00
7) Phenol-d5	7.407	99	3040	0.948	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	4337m	2.276	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	2187	0.981	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	3972m	1.603	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	1330	1.180	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.179	143	1141m	0.926	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.726	165	2375	0.889	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	3775	1.073	ng/ul	-0.02
46) Dimethylphthalate-d6	14.297	166	7952	1.007	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	10261	1.047	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.895	176	7055	0.997	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.751	188	11322	1.169	ng/ul	-0.01
81) Pyrene-d10	20.031	212	11963	1.028	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.224	264	11278	1.143	ng/ul	-0.03
Target Compounds						
18) 4-Methylphenol	9.034	108	5044	1.990	ng/ul#	72
26) 2,4-Dimethylphenol	10.279	107	4293m	1.353	ng/ul	
30) Naphthalene	11.160	128	181589	21.923	ng/ul	98
36) 2-Methylnaphthalene	12.752	142	76211	12.897	ng/ul	97
37) 1-Methylnaphthalene	12.970	142	38057	6.203	ng/ul#	98
43) 1,1'-Biphenyl	13.745	154	15549	2.058	ng/ul#	94
52) Acenaphthene	14.973	153	11073	1.747	ng/ul	95
56) Dibenzofuran	15.302	168	15362	1.646	ng/ul#	79
61) Fluorene	15.954	166	15813	2.056	ng/ul	99
72) Phenanthrene	17.699	178	46498	4.452	ng/ul#	91
78) Di-n-butylphthalate	18.597	149	89549	7.876	ng/ul	98
83) Butylbenzylphthalate	20.941	149	1608714	363.051	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.858	149	3368388	542.692	ng/ul#	78
89) Di-n-octyl phthalate	23.156	149	316201	31.315	ng/ul	100

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

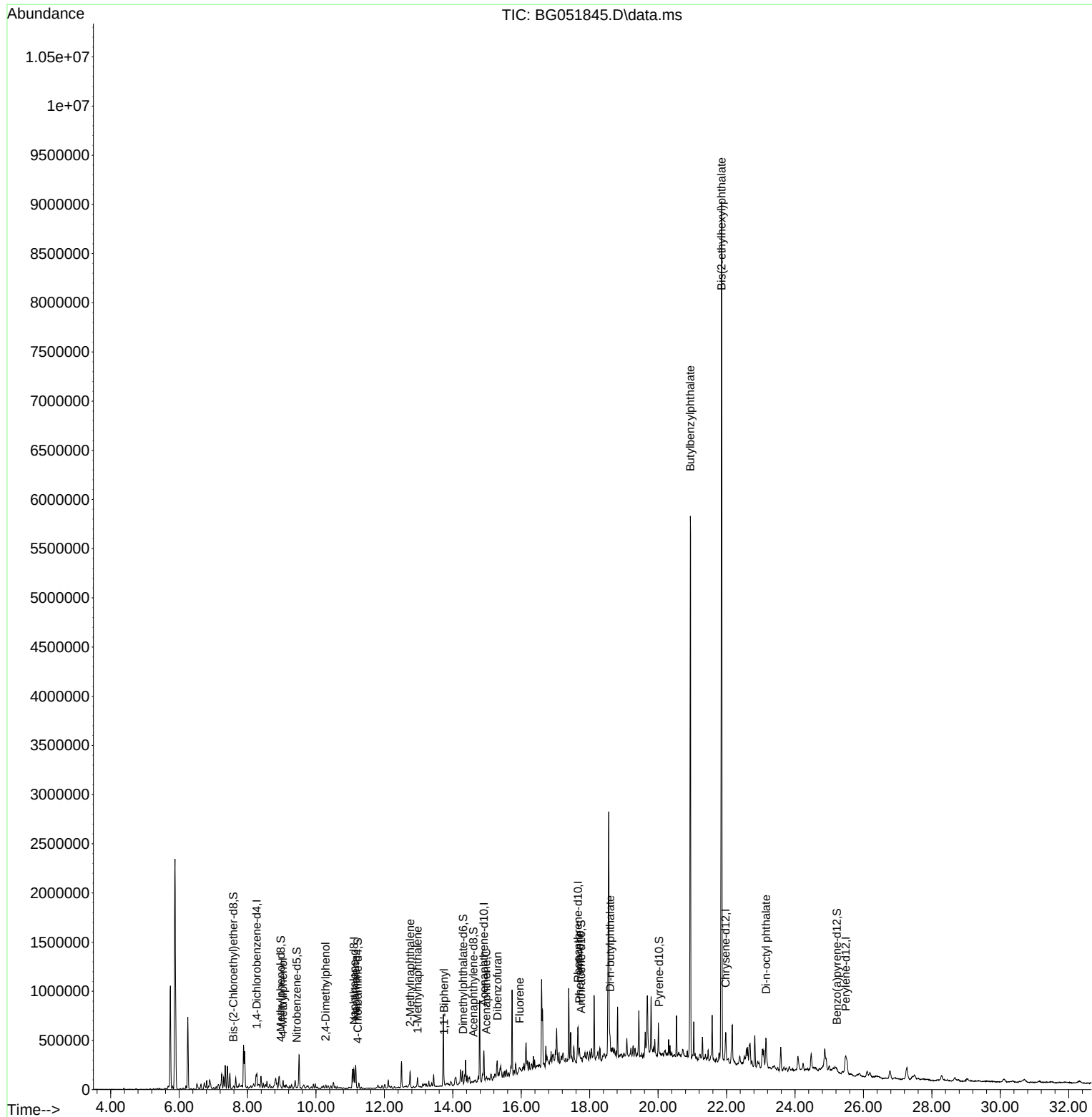
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Data File : BG051845.D
Acq On : 29 Dec 2021 1:34
Operator : CG/JU
Sample : M5215-01DL2 20X
Misc :
ALS Vial : 52 Sample Multiplier: 1

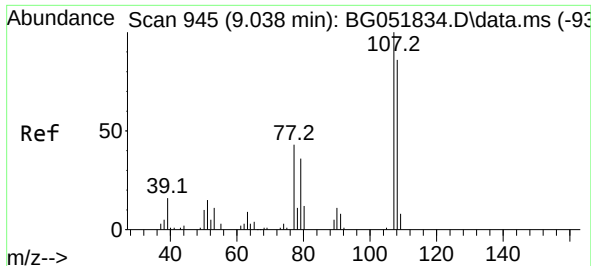
Instrument :
BNA_G
ClientSampleId :
BGLD3DL2

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Quant Title : SVOA CALIBRATION
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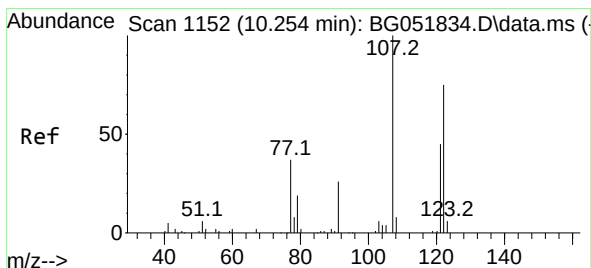
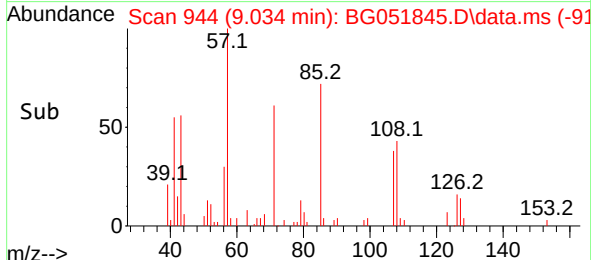
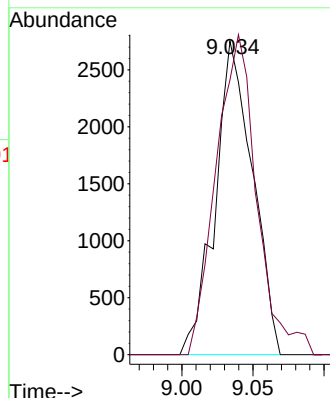
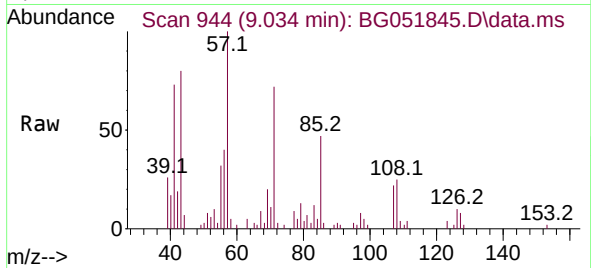
#18
4-Methylphenol
Concen: 1.990 ng/ul
RT: 9.034 min Scan# 945
Delta R.T. -0.011 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

Instrument :
BNA_G
ClientSampleId :
BGLD3DL2

Tgt Ion:108 Resp: 5044
Ion Ratio Lower Upper
108 100
107 87.6 95.0 142.4

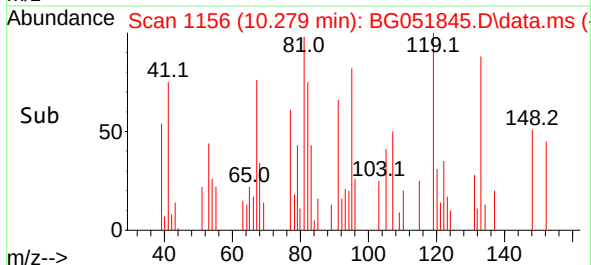
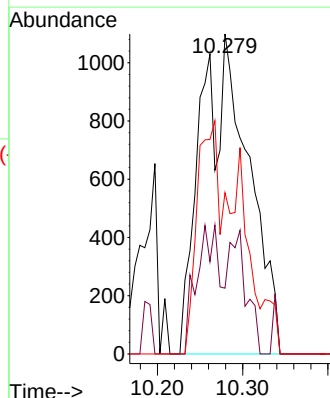
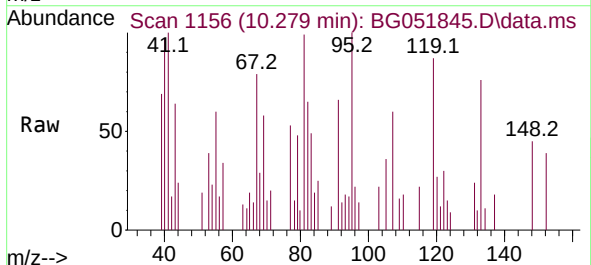
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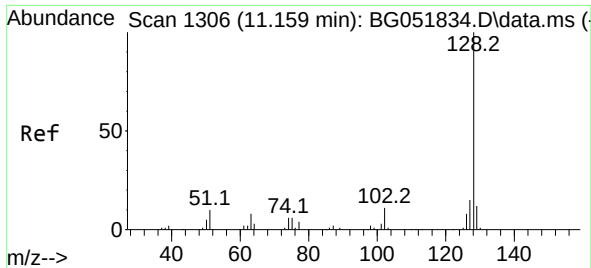
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021



#26
2,4-Dimethylphenol
Concen: 1.353 ng/ul m
RT: 10.279 min Scan# 1156
Delta R.T. 0.013 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

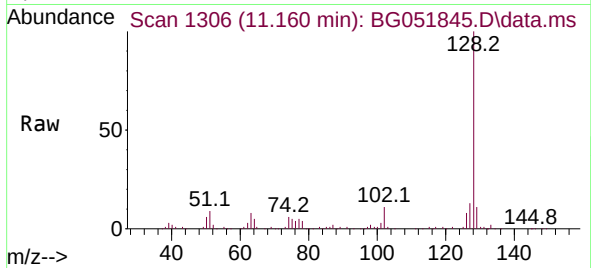
Tgt Ion:107 Resp: 4293
Ion Ratio Lower Upper
107 100
121 20.6 39.3 58.9#
122 50.4 63.7 95.5#





#30
Naphthalene
Concen: 21.923 ng/ul
RT: 11.160 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

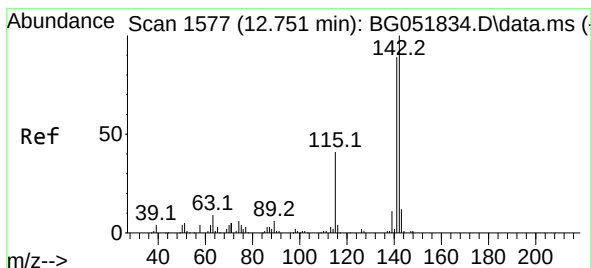
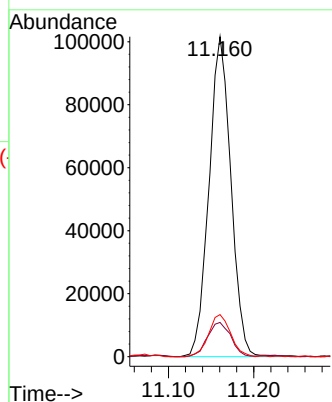
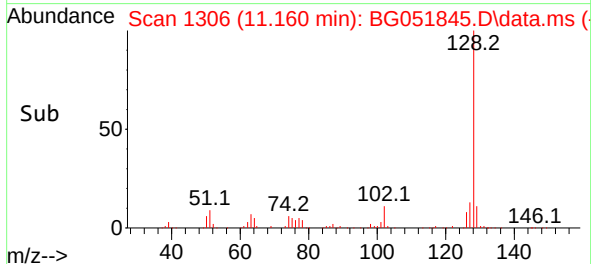
Instrument :
BNA_G
ClientSampleId :
BGLD3DL2



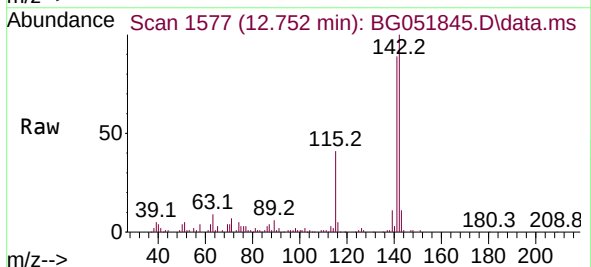
Tgt Ion:128 Resp: 181589
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.2 11.8 17.6

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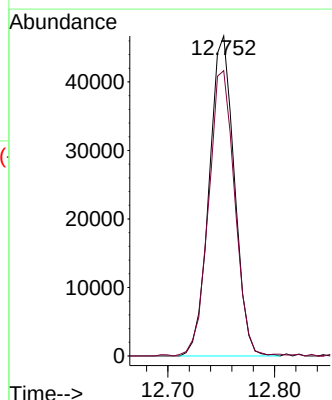
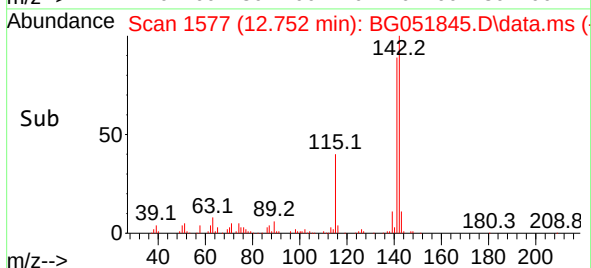
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

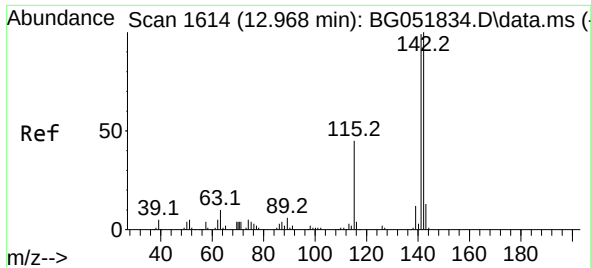


#36
2-Methylnaphthalene
Concen: 12.897 ng/ul
RT: 12.752 min Scan# 1577
Delta R.T. -0.017 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34



Tgt Ion:142 Resp: 76211
Ion Ratio Lower Upper
142 100
141 89.1 73.3 109.9





#37

1-Methylnaphthalene

Concen: 6.203 ng/ul

RT: 12.970 min Scan# 1

Delta R.T. -0.017 min

Lab File: BG051845.D

Acq: 29 Dec 2021 1:34

Instrument :

BNA_G

ClientSampleId :

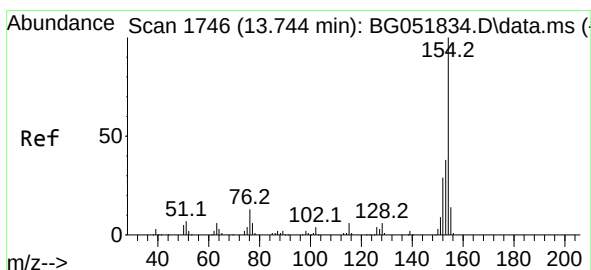
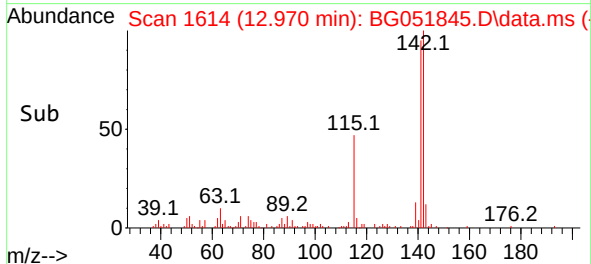
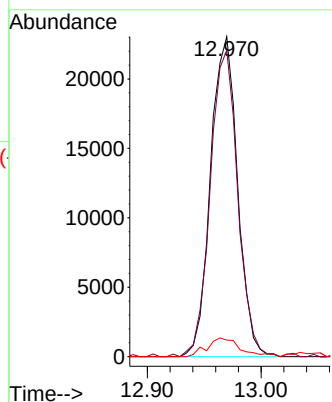
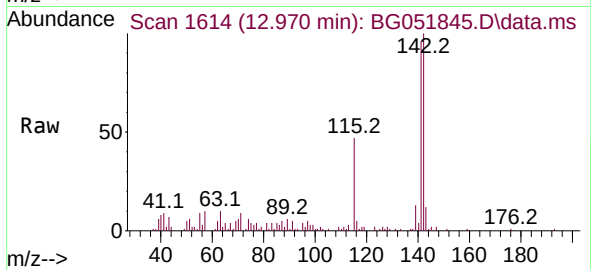
BGLD3DL2

Tgt Ion:	142	Resp:	3805
Ion Ratio	Lower	Upper	
142	100		
141	95.7	77.8	116.8
116	5.2	3.3	4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 2.058 ng/ul

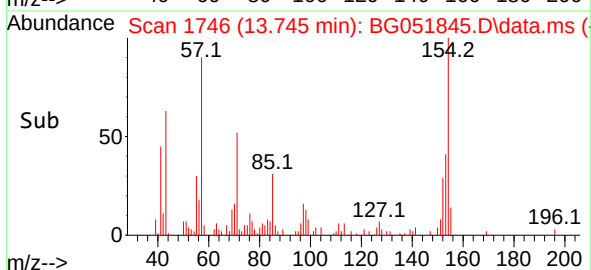
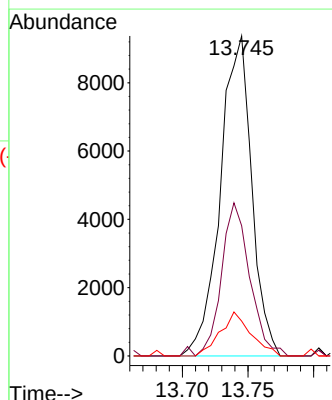
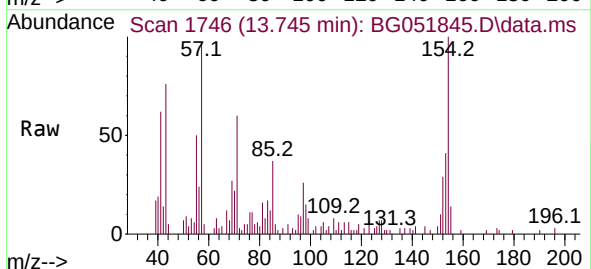
RT: 13.745 min Scan# 1746

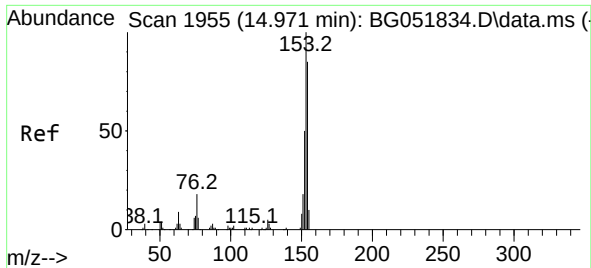
Delta R.T. -0.011 min

Lab File: BG051845.D

Acq: 29 Dec 2021 1:34

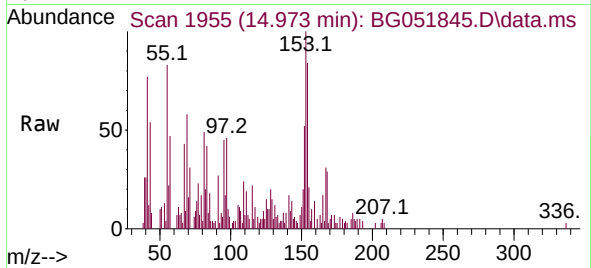
Tgt Ion:	154	Resp:	15549
Ion Ratio	Lower	Upper	
154	100		
153	40.7	34.5	51.7
76	10.9	13.1	19.7





#52
Acenaphthene
Concen: 1.747 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

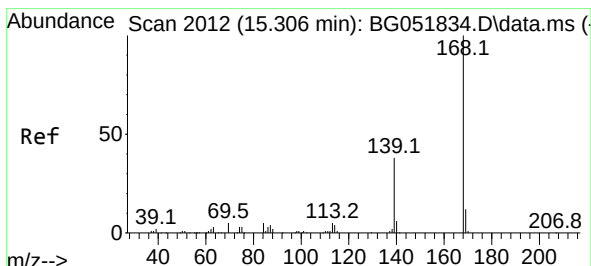
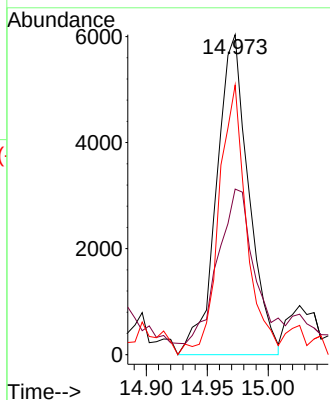
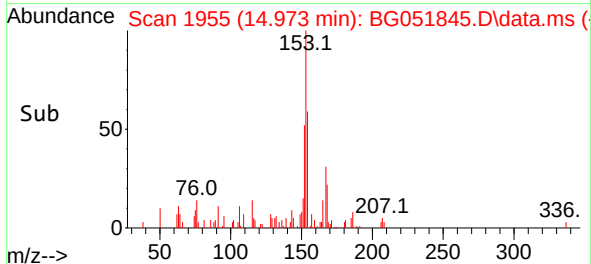
Instrument :
BNA_G
ClientSampleId :
BGLD3DL2



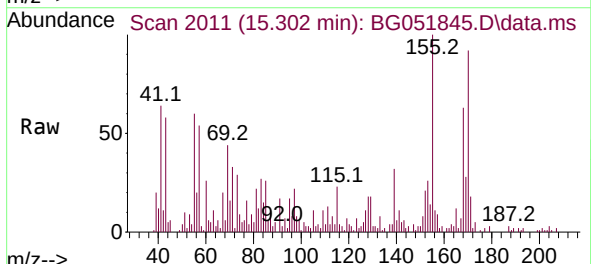
Tgt Ion:153 Resp: 1107
Ion Ratio Lower Upper
153 100
152 51.8 36.5 54.7
154 84.2 65.8 98.6

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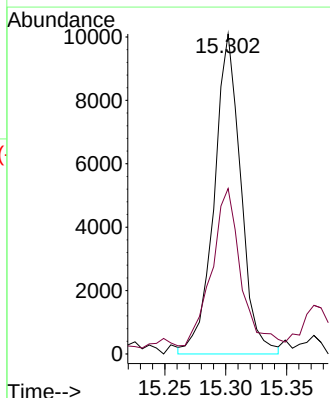
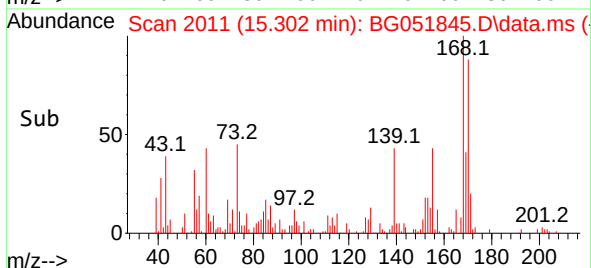
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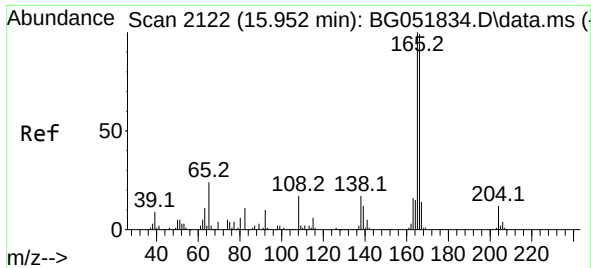


#56
Dibenzofuran
Concen: 1.646 ng/ul
RT: 15.302 min Scan# 2011
Delta R.T. -0.017 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34



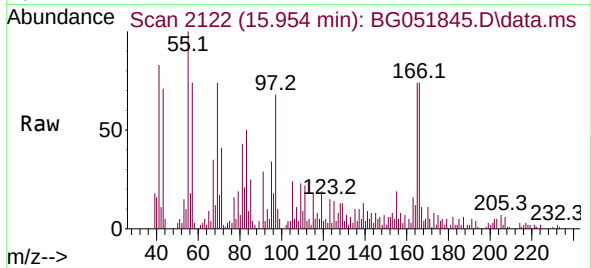
Tgt Ion:168 Resp: 15362
Ion Ratio Lower Upper
168 100
139 51.7 31.2 46.8#





#61
Fluorene
Concen: 2.056 ng/u1
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

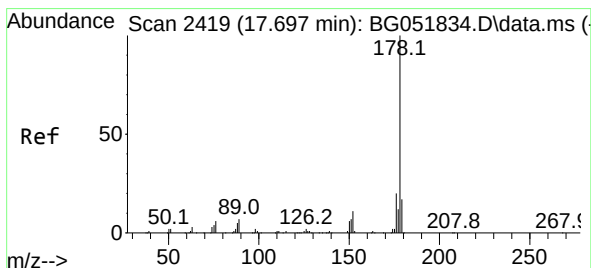
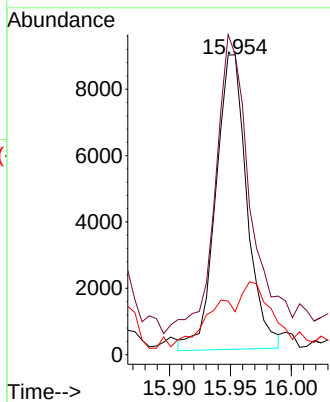
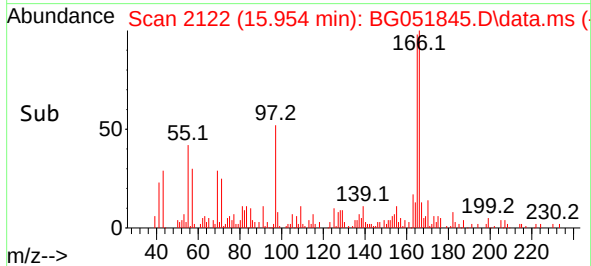
Instrument :
BNA_G
ClientSampleId :
BGLD3DL2



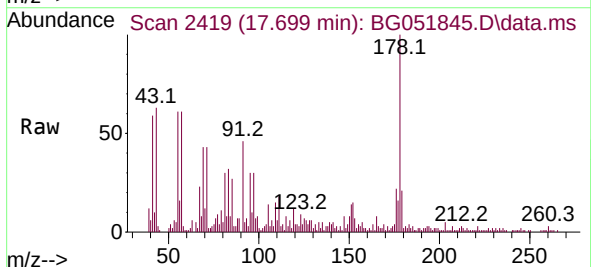
Tgt Ion:166 Resp: 1581
Ion Ratio Lower Upper
166 100
165 100.1 81.0 121.6
167 14.3 11.0 16.4

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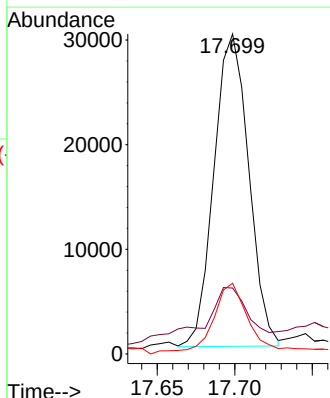
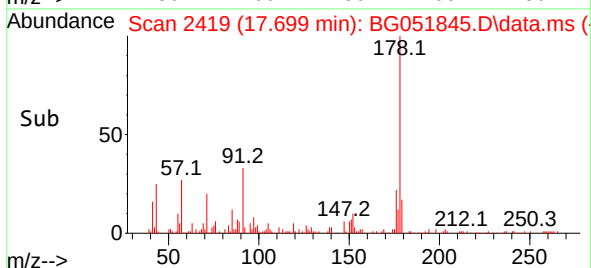
Reviewed By :Jagrut Upadhyay 12/29/2021
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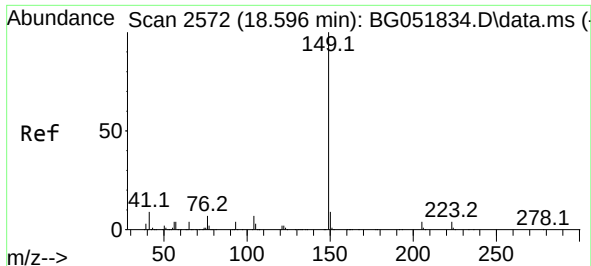


#72
Phenanthrene
Concen: 4.452 ng/u1
RT: 17.699 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34



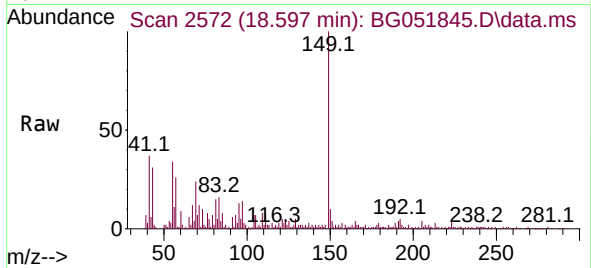
Tgt Ion:178 Resp: 46498
Ion Ratio Lower Upper
178 100
179 20.6 12.3 18.5#
176 22.1 15.5 23.3





#78
Di-n-butylphthalate
Concen: 7.876 ng/ul
RT: 18.597 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

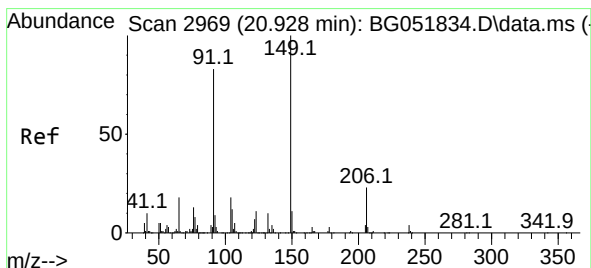
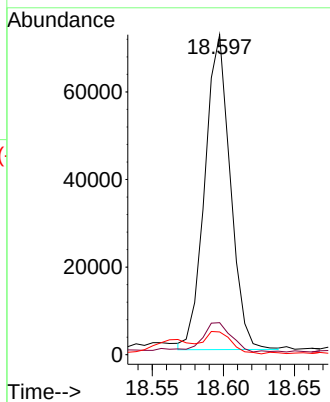
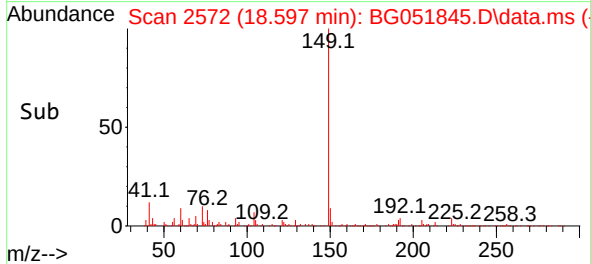
Instrument :
BNA_G
ClientSampleId :
BGLD3DL2



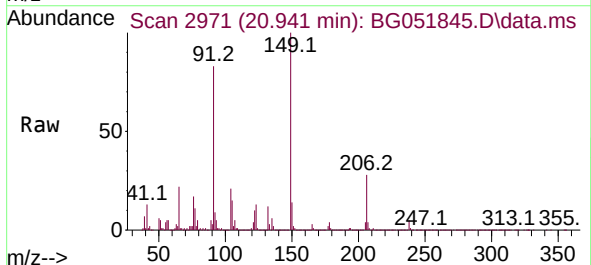
Tgt Ion:149 Resp: 89549
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 7.1 5.0 7.6

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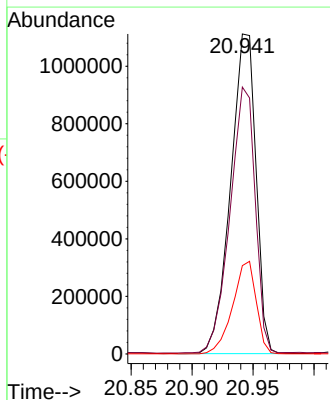
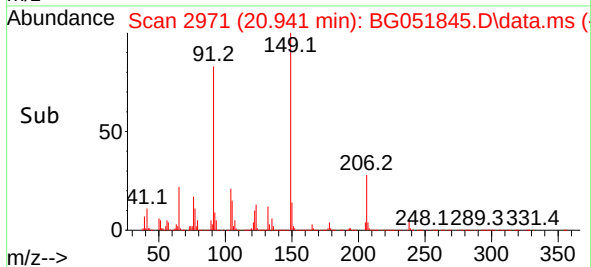
Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

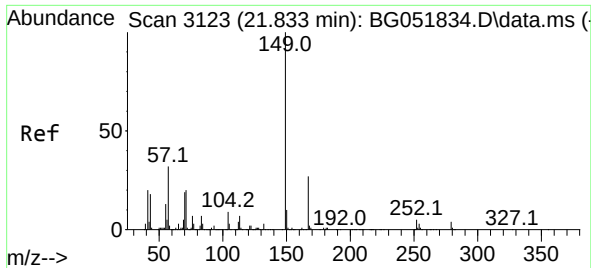


#83
Butylbenzylphthalate
Concen: 363.051 ng/ul
RT: 20.941 min Scan# 2971
Delta R.T. -0.005 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34



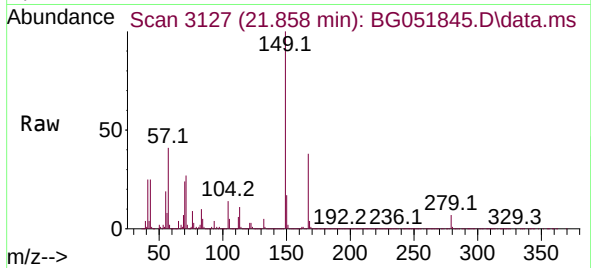
Tgt Ion:149 Resp: 1608714
Ion Ratio Lower Upper
149 100
91 83.4 65.2 97.8
206 27.6 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 542.692 ng/ul
RT: 21.858 min Scan# 3127
Delta R.T. -0.011 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

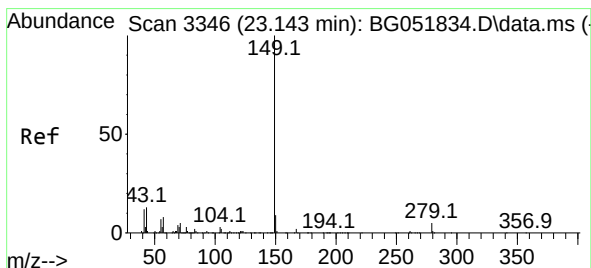
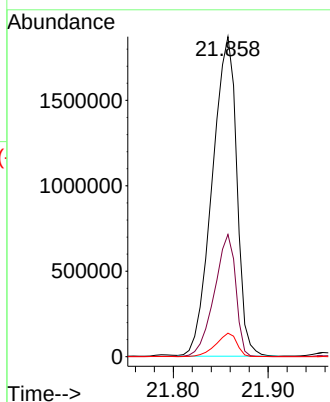
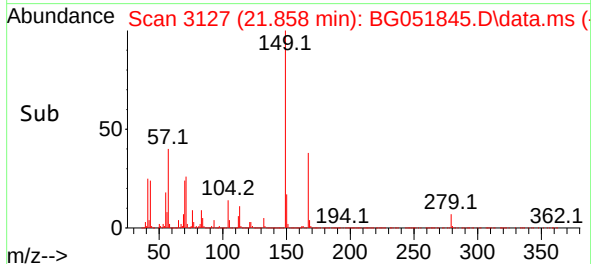
Instrument :
BNA_G
ClientSampleId :
BGLD3DL2



Tgt Ion:149 Resp: 336838
Ion Ratio Lower Upper
149 100
167 38.2 21.1 31.7
279 7.3 2.7 4.1

Manual Integrations
APPROVED

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



#89
Di-n-octyl phthalate
Concen: 31.315 ng/ul
RT: 23.156 min Scan# 3348
Delta R.T. -0.028 min
Lab File: BG051845.D
Acq: 29 Dec 2021 1:34

Tgt Ion:149 Resp: 316201

