Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051791.D
Acq On : 23 Dec 2021 19:05
Operator : CG/JU
Sample : M5215-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLD8

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

Quant Time: Dec 24 00:13:01 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	8.306	152	31834	20.000	ng/ul	0.02
20) Naphthalene-d8	11.131	136	115089	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.914	164	77598	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	154103m	20.000	ng/ul	0.00
79) Chrysene-d12	21.975	240	154333m	20.000	ng/ul	-0.01
88) Perylene-d12	25.471	264	164426m	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	2513	3.278	ng/uL	0.00
4) Pyridine-d5	4.035	84	26377	11.389	ng/ul	-0.01
7) Phenol-d5	7.424	99	63831	22.457	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.595	67	162920m	96.419	ng/ul	0.00
11) 2-Chlorophenol-d4	7.818	132	45278	22.904	ng/ul	0.00
15) 4-Methylphenol-d8	8.981	113	182411	83.024	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	46356m	54.938	ng/ul	-0.03
24) 2-Nitrophenol-d4	10.191	143	25456	27.598	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.738	165	48408	24.201	ng/ul	0.00
31) 4-Chloroaniline-d4	11.243	131	136249	51.735	ng/ul	0.00
46) Dimethylphthalate-d6	14.297	166	150599	24.247	ng/ul	-0.02
49) Acenaphthylene-d8	14.609	160	198189	25.693	ng/ul	0.00
54) 4-Nitrophenol-d4	15.079	143	19738	19.542	ng/ul	0.00
60) Fluorene-d10	15.901	176	135191	24.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	15536m	19.350	ng/ul	-0.01
73) Anthracene-d10	17.763	188	209443	28.491	ng/ul	0.00
81) Pyrene-d10	20.037	212	234271m	25.222	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.230	264	235481m	27.219	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	11.202	128	4346512	700.999	ng/ul#	84
36) 2-Methylnaphthalene	12.794	142	4199367	949.329	ng/ul	96
37) 1-Methylnaphthalene	12.993	142	1623151	353.396	ng/ul#	98
43) 1,1'-Biphenyl	13.751	154	419695	70.607	ng/ul#	95
50) Acenaphthylene	14.638	152	14206	1.882	ng/ul#	60
52) Acenaphthene	14.973	153	113995	22.864	ng/ul	97
56) Dibenzofuran	15.308	168	87950	11.978	ng/ul	97
61) Fluorene	15.954	166	23796	3.933	ng/ul#	82
72) Phenanthrene	17.705	178	24490m	3.090	ng/ul	
78) Di-n-butylphthalate	18.603	149	24240m	2.809	ng/ul	
83) Butylbenzylphthalate	20.930	149	131652m	37.206	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.840	149	297174m	59.957	ng/ul	
89) Di-n-octyl phthalate	23.150	149	19510m	2.203	ng/ul	

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

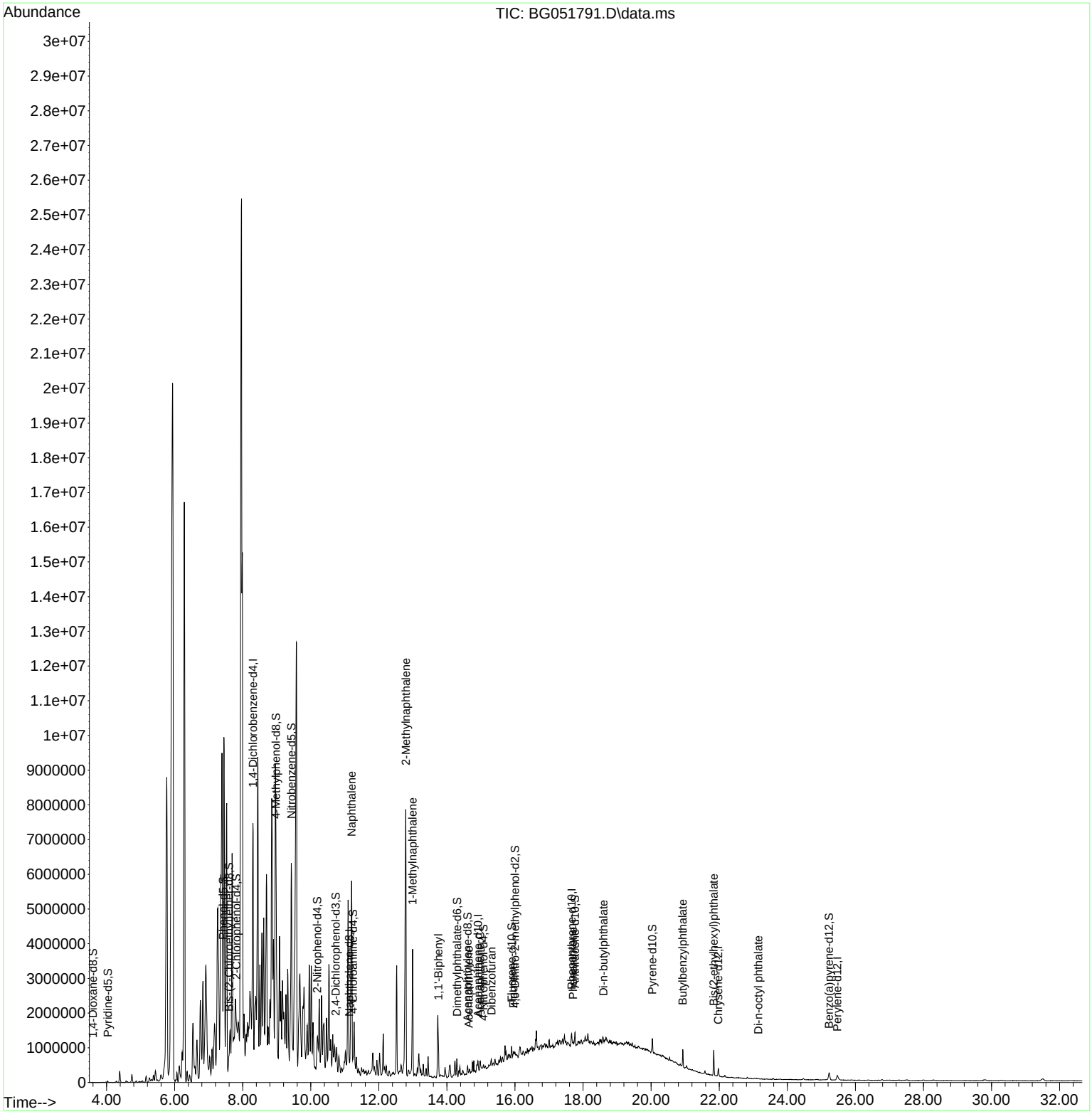
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051791.D
Acq On : 23 Dec 2021 19:05
Operator : CG/JU
Sample : M5215-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

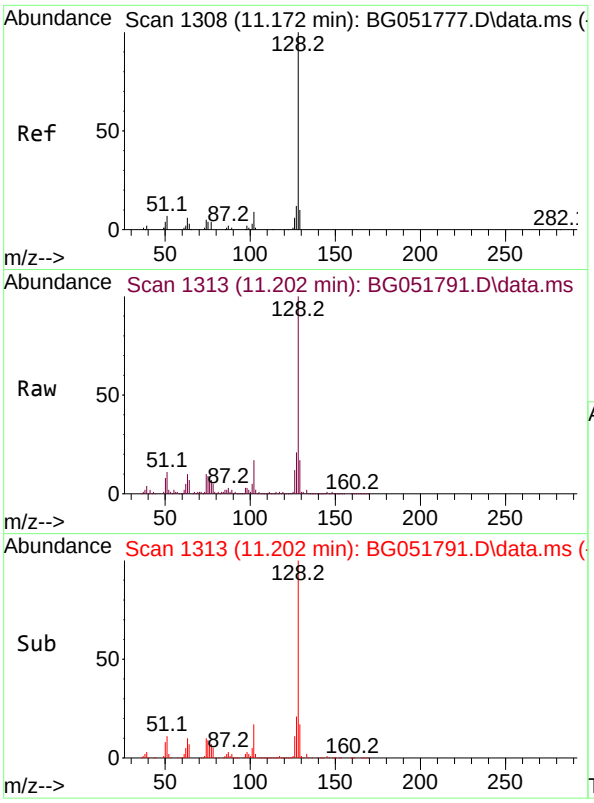
Quant Time: Dec 24 00:13:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations APPROVED

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

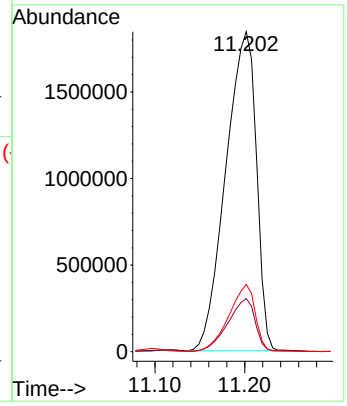




#30
Naphthalene
Concen: 700.999 ng/ul
RT: 11.202 min Scan# 1
Delta R.T. 0.025 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:128 Resp: 434651

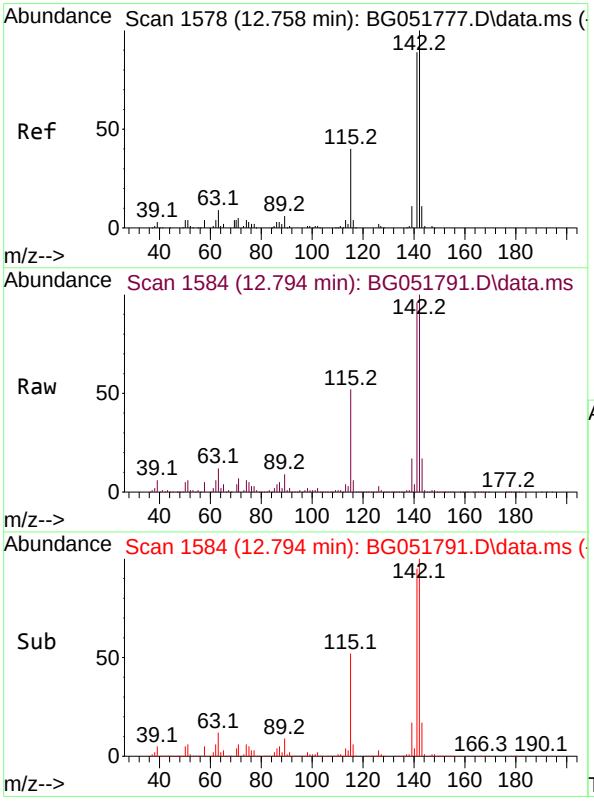
Ion	Ratio	Lower	Upper
128	100		
129	16.6	8.5	12.7#
127	21.0	11.8	17.6#



Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

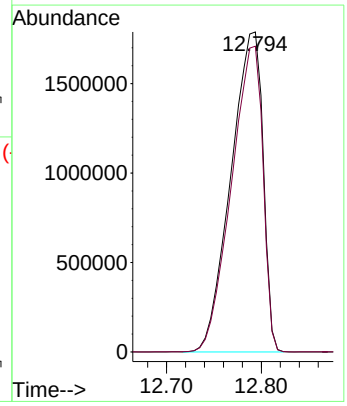
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

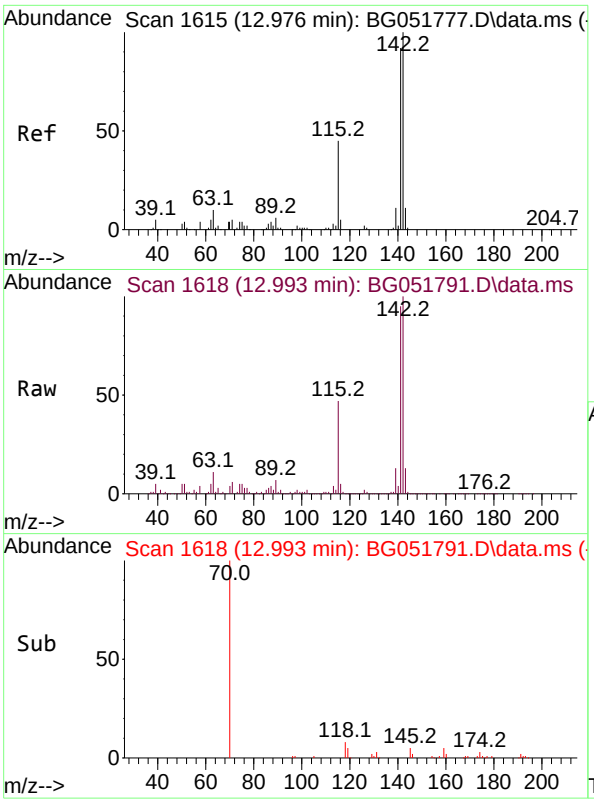


#36
2-Methylnaphthalene
Concen: 949.329 ng/ul
RT: 12.794 min Scan# 1584
Delta R.T. 0.025 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:142 Resp: 4199367

Ion	Ratio	Lower	Upper
142	100		
141	95.5	73.3	109.9

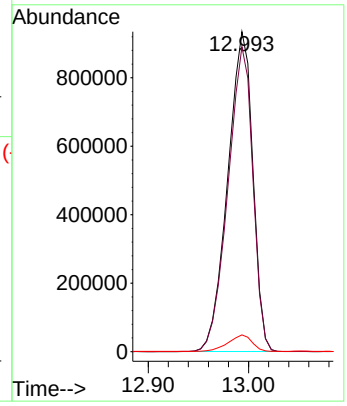




#37
1-Methylnaphthalene
Concen: 353.396 ng/ul
RT: 12.993 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:142 Resp: 162315

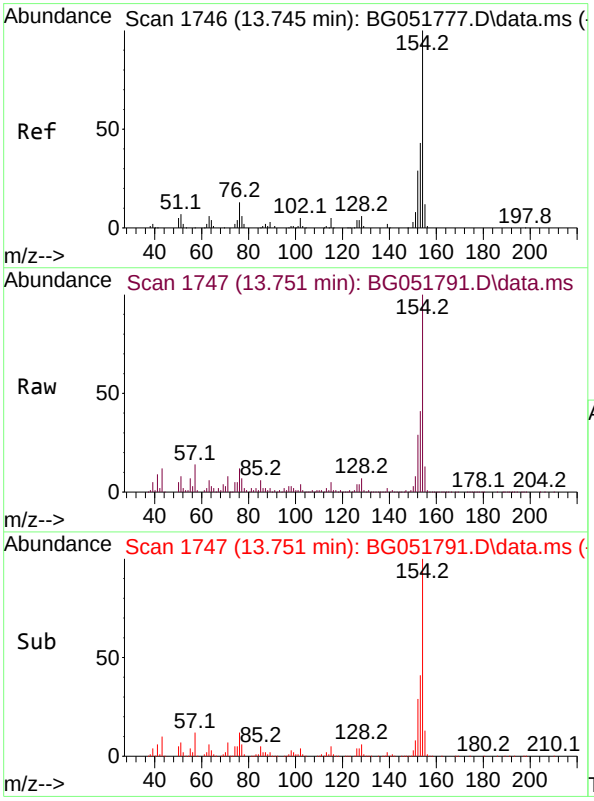
Ion	Ratio	Lower	Upper
142	100		
141	95.3	77.8	116.8
116	5.2	3.3	4.9#



Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

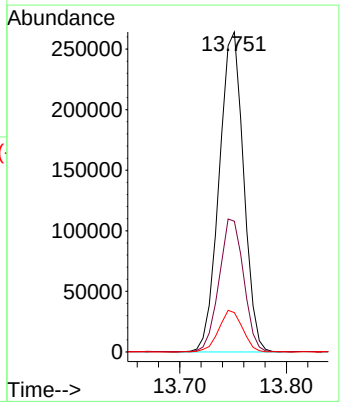
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

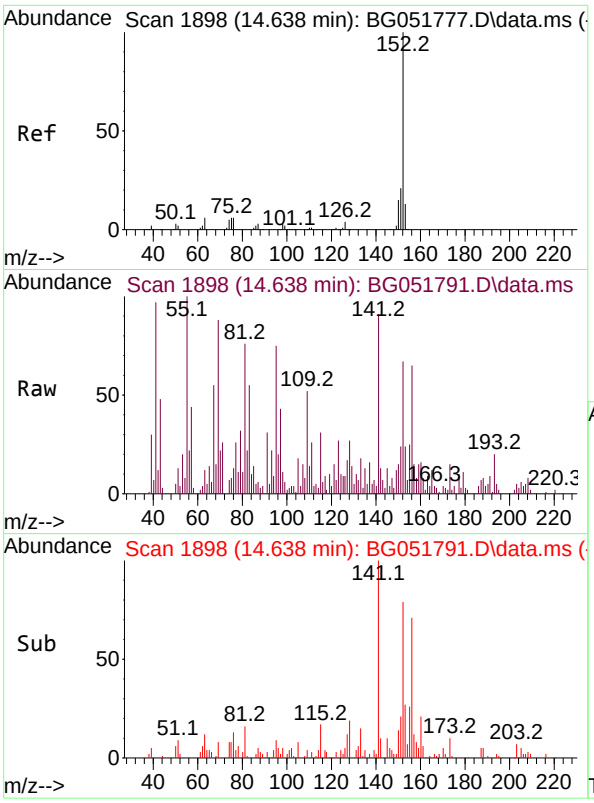


#43
1,1'-Biphenyl
Concen: 70.607 ng/ul
RT: 13.751 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:154 Resp: 419695

Ion	Ratio	Lower	Upper
154	100		
153	40.8	34.5	51.7
76	12.3	13.1	19.7#

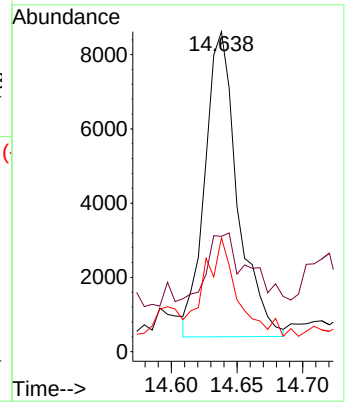




#50
Acenaphthylene
Concen: 1.882 ng/ul
RT: 14.638 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:152 Resp: 1420

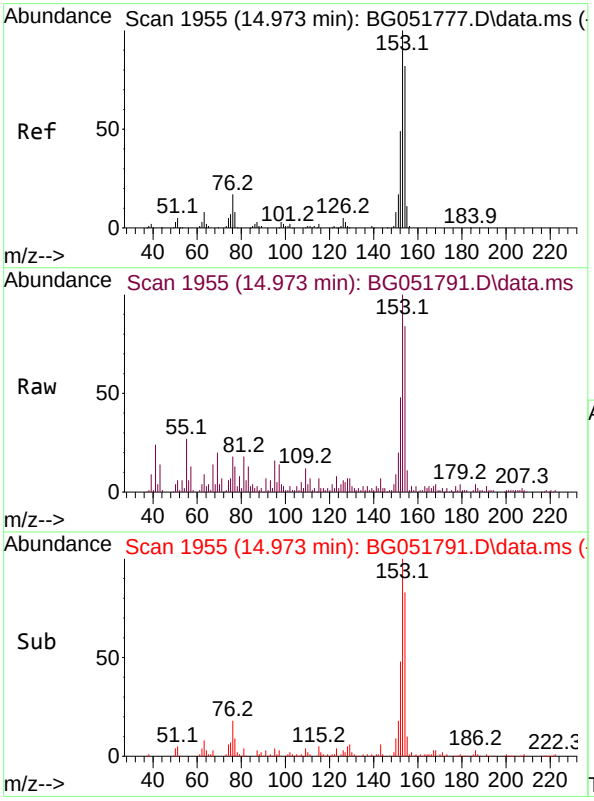
Ion	Ratio	Lower	Upper
152	100		
151	36.0	17.4	26.0#
153	35.6	10.3	15.5#



Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

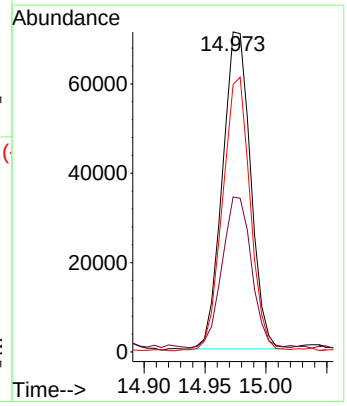
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

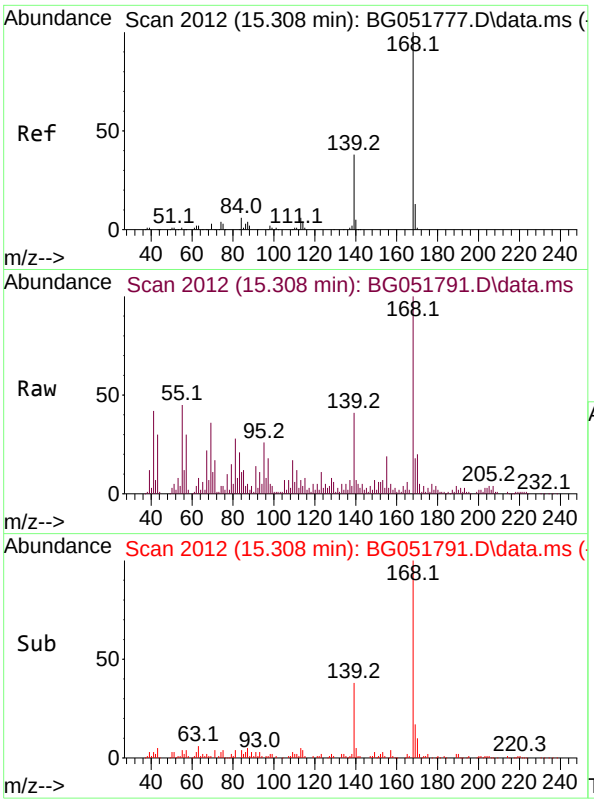


#52
Acenaphthene
Concen: 22.864 ng/ul
RT: 14.973 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:153 Resp: 113995

Ion	Ratio	Lower	Upper
153	100		
152	48.5	36.5	54.7
154	83.6	65.8	98.6





#56
Dibenzofuran
Concen: 11.978 ng/ul
RT: 15.308 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

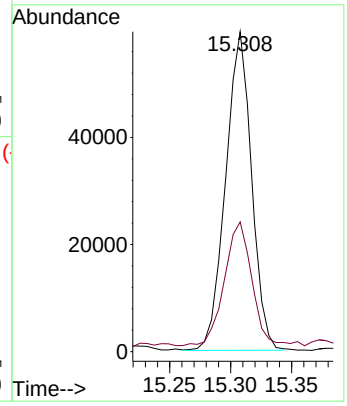
Tgt Ion:168 Resp: 8795

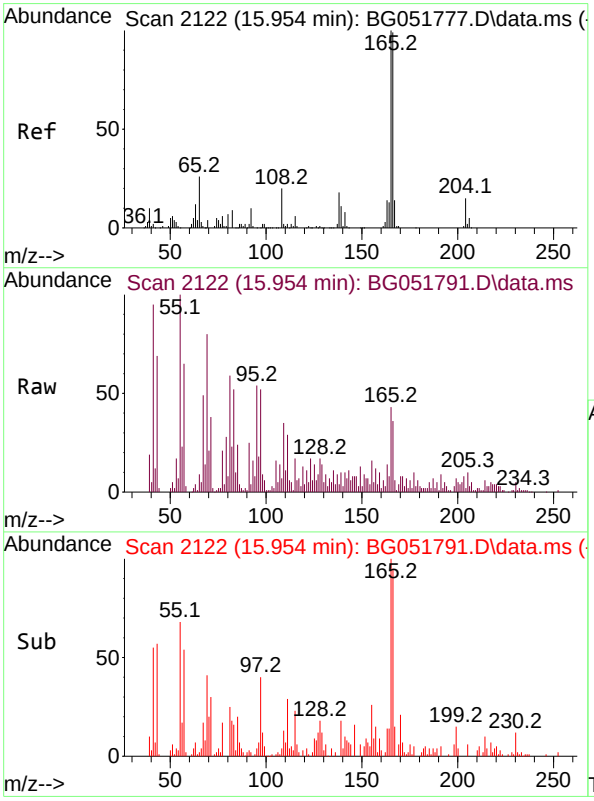
Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.2	46.8

Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

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

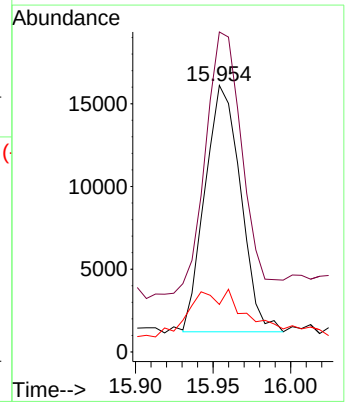


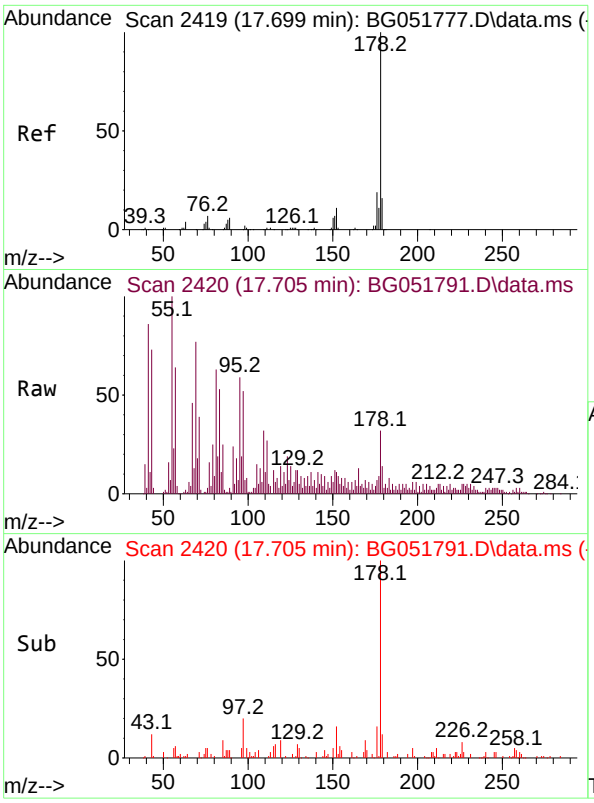


#61
Fluorene
Concen: 3.933 ng/ul
RT: 15.954 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:166 Resp: 23796

Ion	Ratio	Lower	Upper
166	100		
165	120.1	81.0	121.6
167	17.9	11.0	16.4#





#72
Phenanthrene
Concen: 3.090 ng/ul m
RT: 17.705 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

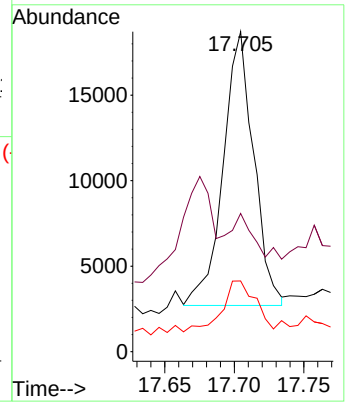
Tgt Ion:178 Resp: 2449

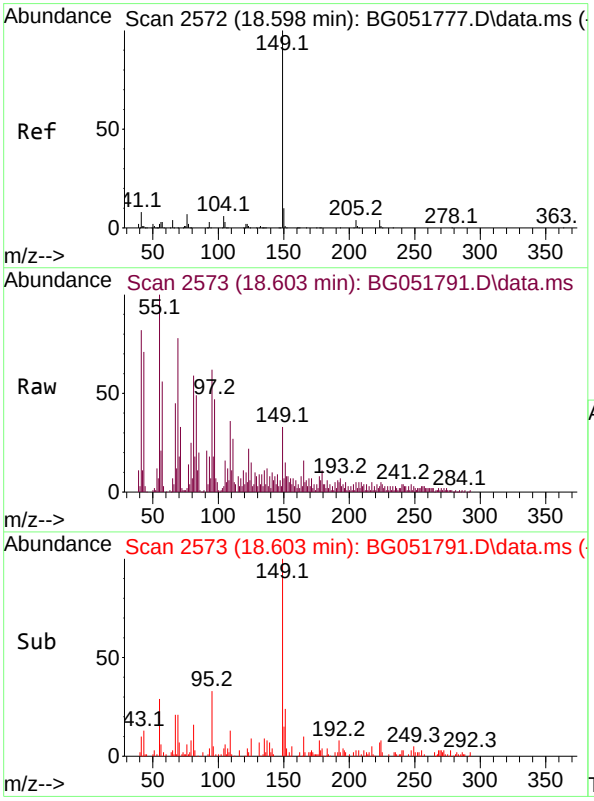
Ion	Ratio	Lower	Upper
178	100		
179	43.2	12.3	18.5#
176	22.1	15.5	23.3

Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

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

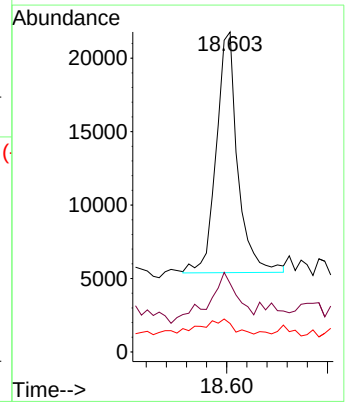


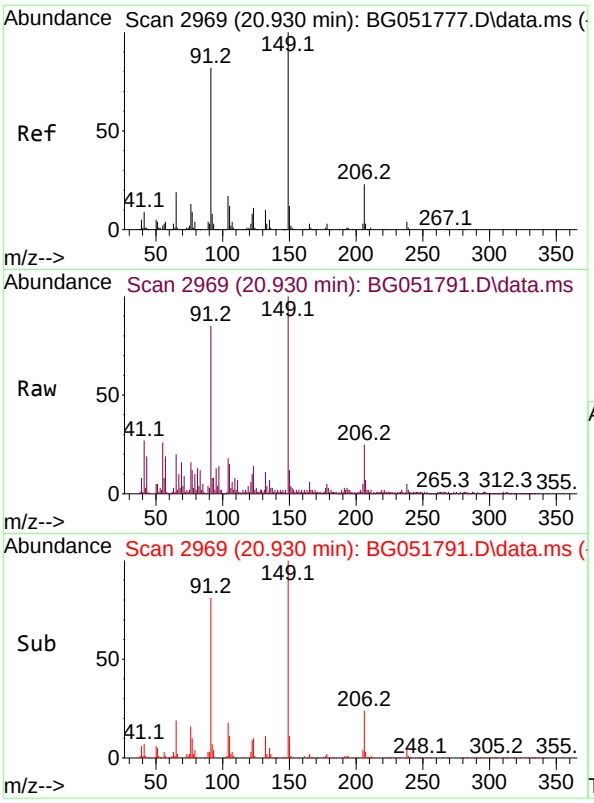


#78
Di-n-butylphthalate
Concen: 2.809 ng/ul m
RT: 18.603 min Scan# 2573
Delta R.T. -0.011 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:149 Resp: 24240

Ion	Ratio	Lower	Upper
149	100		
150	21.4	7.5	11.3#
104	8.9	5.0	7.6#

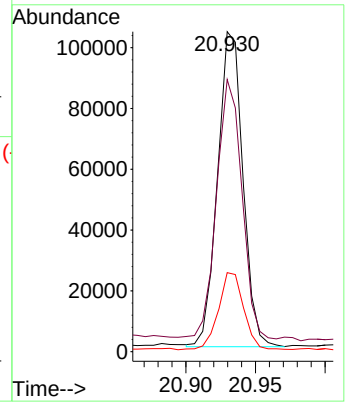




#83
Butylbenzylphthalate
Concen: 37.206 ng/ul m
RT: 20.930 min Scan# 2
Delta R.T. -0.016 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:149 Resp: 13165

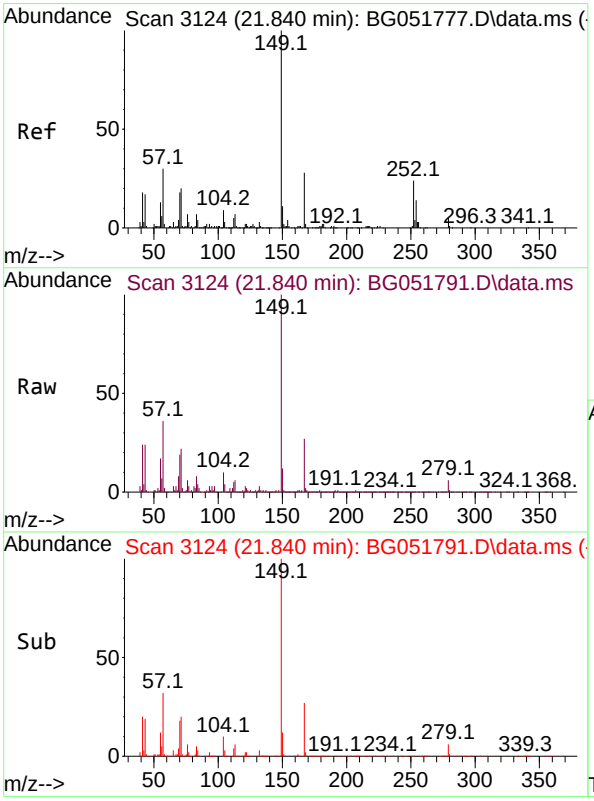
Ion	Ratio	Lower	Upper
149	100		
91	85.1	65.2	97.8
206	24.7	16.2	24.2#



Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

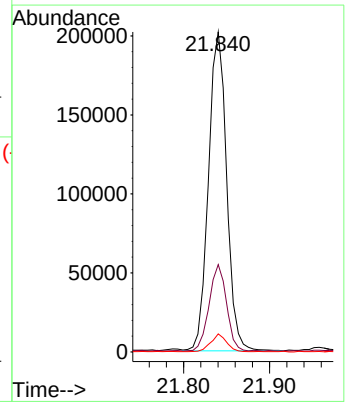
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

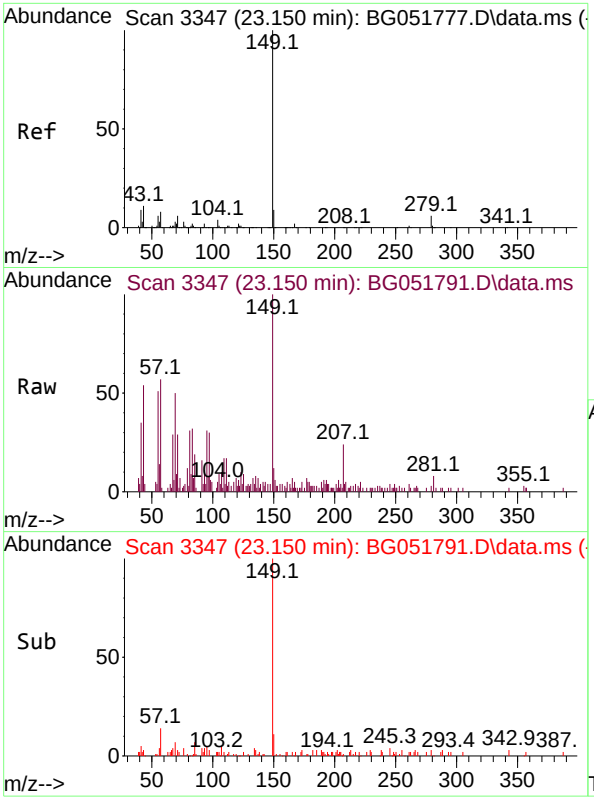


#86
Bis(2-ethylhexyl)phthalate
Concen: 59.957 ng/ul m
RT: 21.840 min Scan# 3124
Delta R.T. -0.028 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:149 Resp: 297174

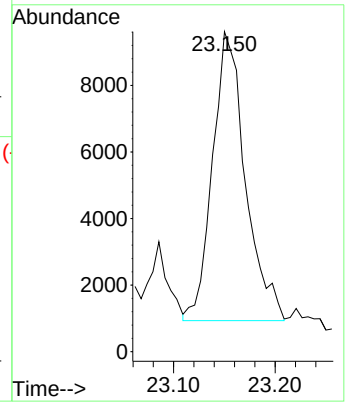
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.1	31.7
279	5.7	2.7	4.1#





#89
Di-n-octyl phthalate
Concen: 2.203 ng/ul m
RT: 23.150 min Scan# 3
Delta R.T. -0.034 min
Lab File: BG051791.D
Acq: 23 Dec 2021 19:05

Tgt Ion:149 Resp: 1951



Instrument :
BNA_G
ClientSampleId :
BGLD8

Manual Integrations
APPROVED

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