

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054157.D
 Acq On : 29 Jun 2022 22:54
 Operator : CG/JU
 Sample : N3488-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-6-8-20220623

Quant Time: Jun 30 05:31:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

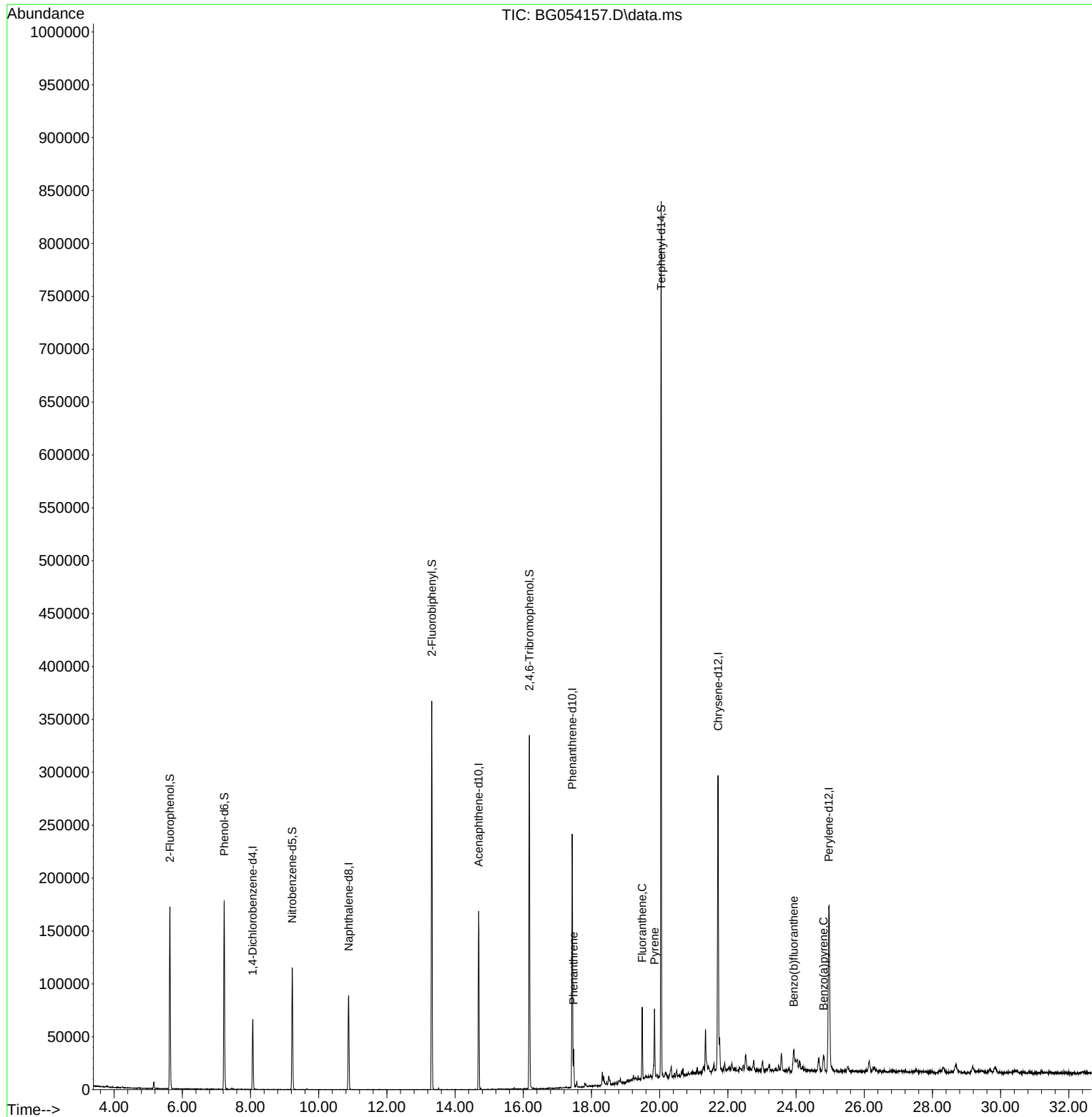
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	20964	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	84862	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	65844	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	169223	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	187172	20.000	ng	0.00
86) Perylene-d12	24.962	264	192822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	80380	73.306	ng	0.00
7) Phenol-d6	7.230	99	111229	74.777	ng	0.00
23) Nitrobenzene-d5	9.228	82	74244	49.165	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	81750	77.276	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	216446	47.801	ng	0.00
79) Terphenyl-d14	20.044	244	466264	50.173	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.477	178	26689	3.070	ng	99
75) Fluoranthene	19.486	202	46074	4.037	ng	98
78) Pyrene	19.851	202	46308	4.096	ng	99
88) Benzo(b)fluoranthene	23.934	252	28548	2.435	ng	# 97
90) Benzo(a)pyrene	24.804	252	20603	2.083	ng	# 94

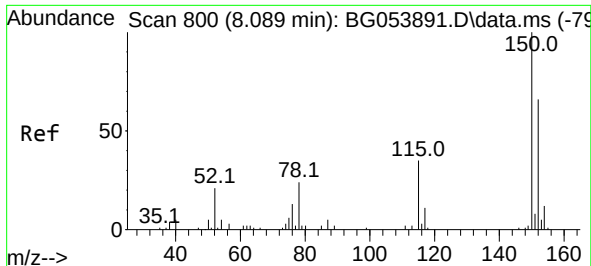
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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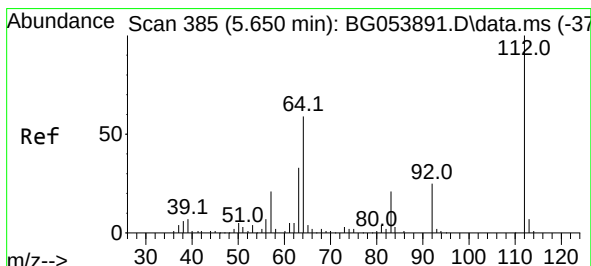
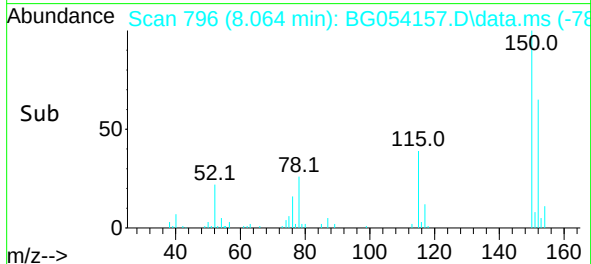
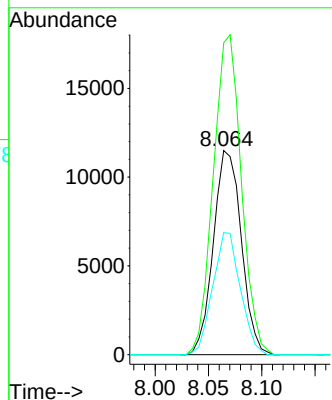
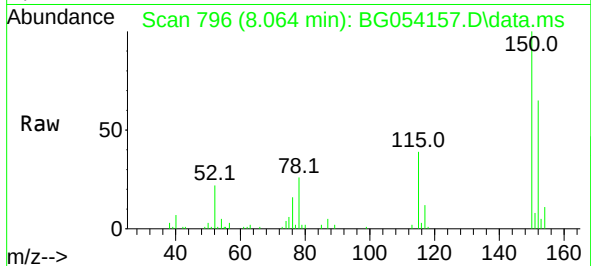




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

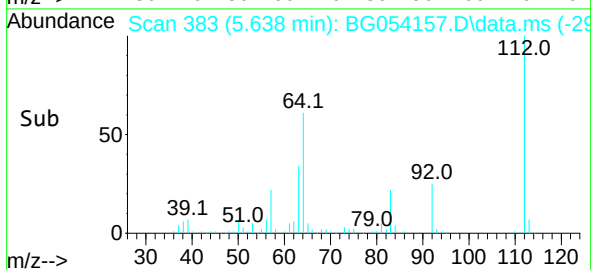
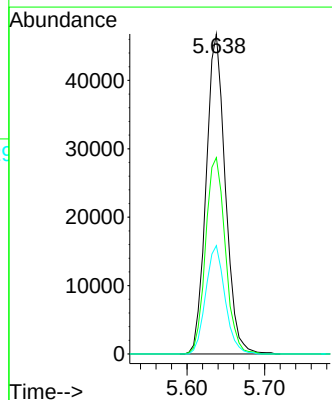
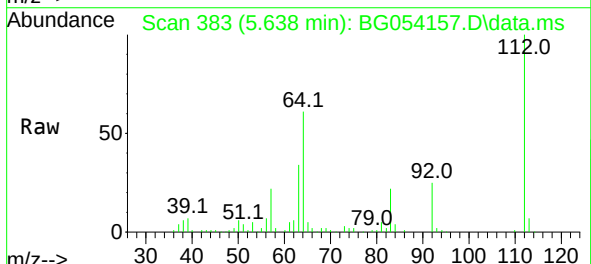
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

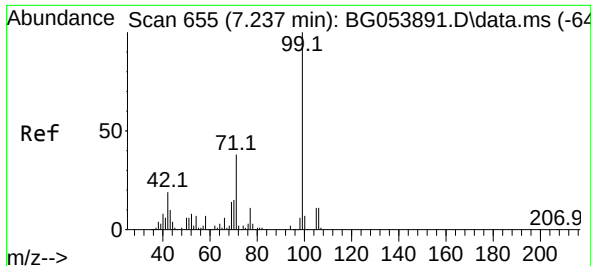
Tgt Ion:152 Resp: 20964
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 73.306 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

Tgt Ion:112 Resp: 80380
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 33.9 30.4 45.6

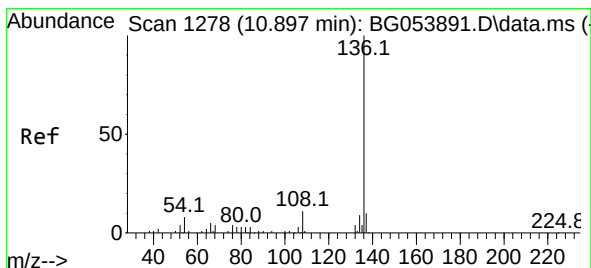
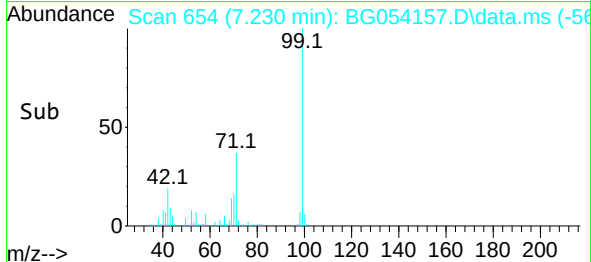
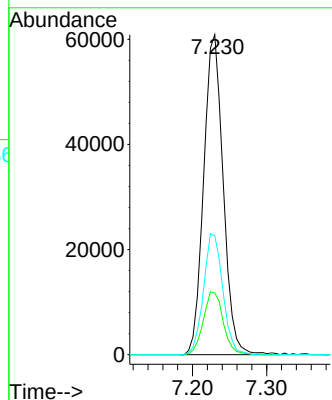
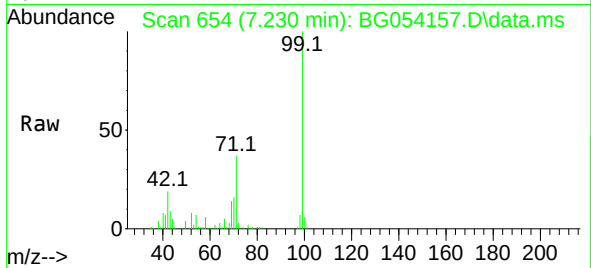




#7
Phenol-d6
Concen: 74.777 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

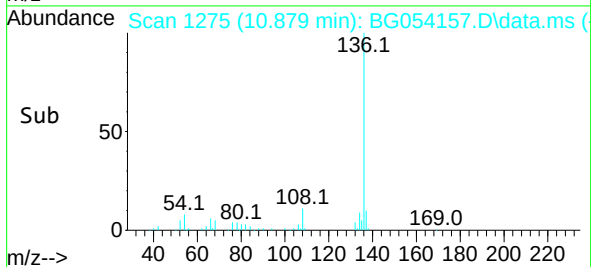
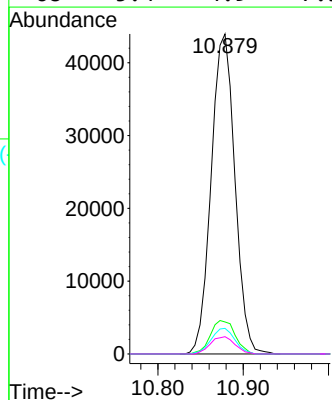
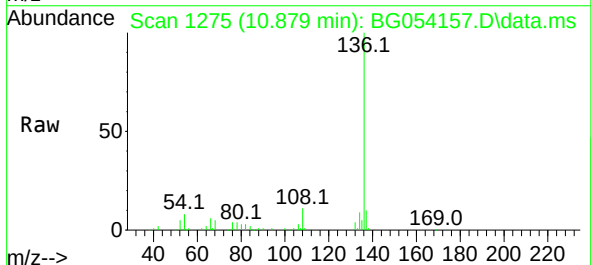
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

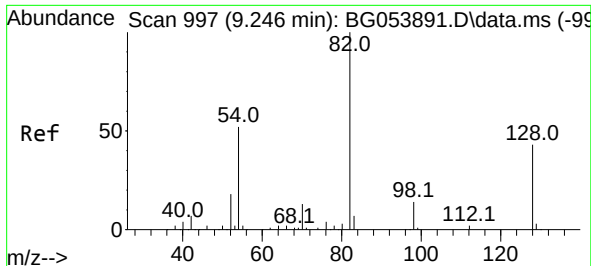
Tgt Ion: 99 Resp: 111229
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 37.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

Tgt Ion: 136 Resp: 84862
Ion Ratio Lower Upper
136 100
137 10.0 8.5 12.7
54 8.0 7.4 11.2
68 5.4 4.9 7.3

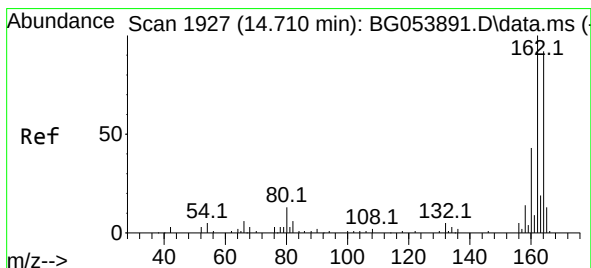
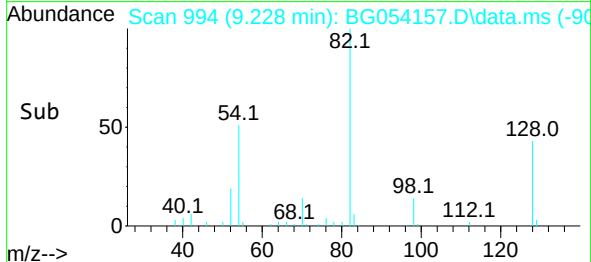
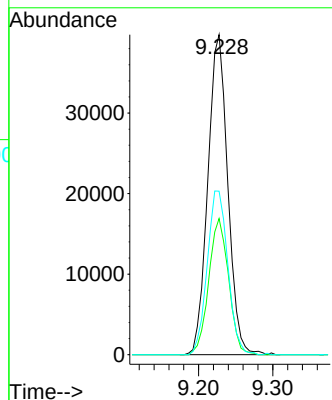
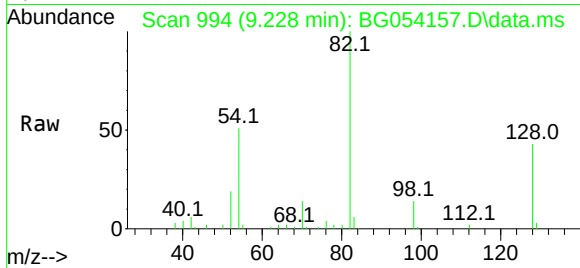




#23
 Nitrobenzene-d5
 Concen: 49.165 ng
 RT: 9.228 min Scan# 994
 Delta R.T. -0.006 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

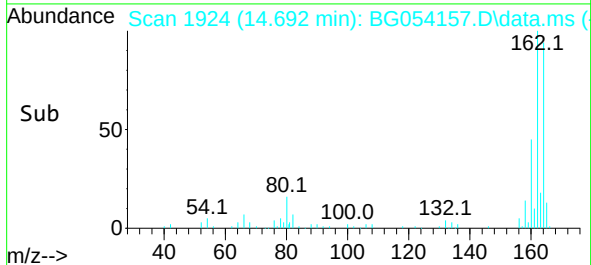
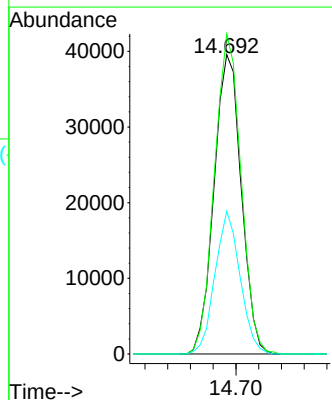
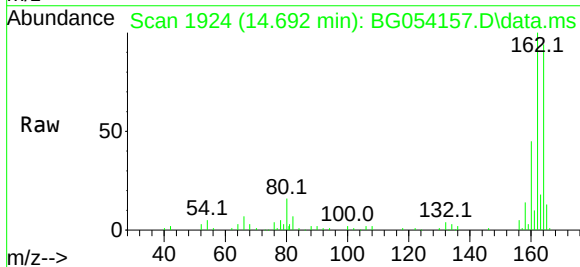
Instrument :
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 ClientSampleId :
 SB-10-6-8-20220623

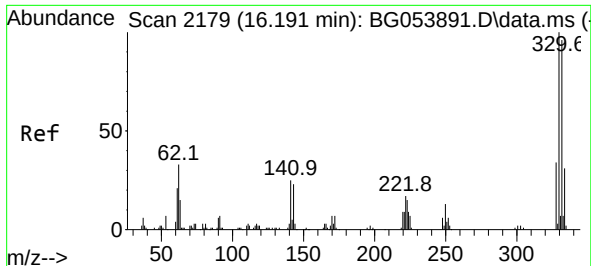
Tgt Ion: 82 Resp: 74244
 Ion Ratio Lower Upper
 82 100
 128 42.6 27.9 41.9#
 54 51.1 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.692 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

Tgt Ion: 164 Resp: 65844
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.3 123.5
 160 47.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 77.276 ng

RT: 16.178 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054157.D

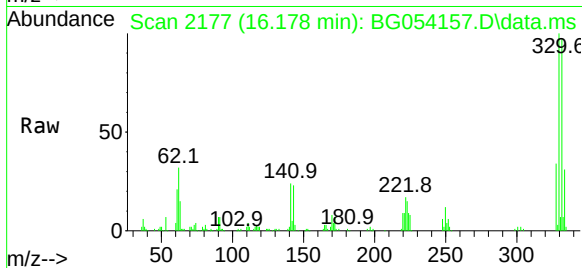
Acq: 29 Jun 2022 22:54

Instrument :

BNA_G

ClientSampleId :

SB-10-6-8-20220623



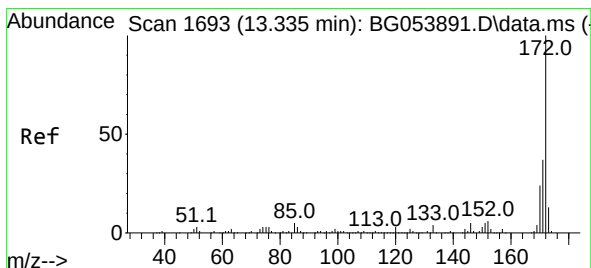
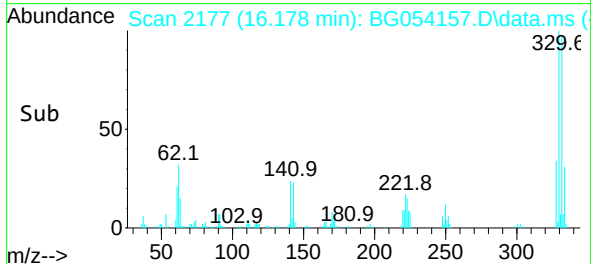
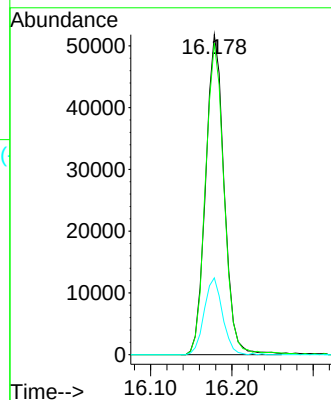
Tgt Ion:330 Resp: 81750

Ion Ratio Lower Upper

330 100

332 98.1 76.0 114.0

141 23.7 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 47.801 ng

RT: 13.317 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BG054157.D

Acq: 29 Jun 2022 22:54

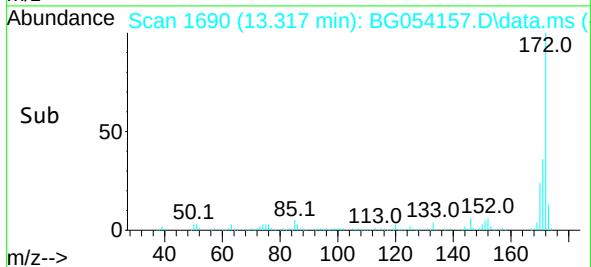
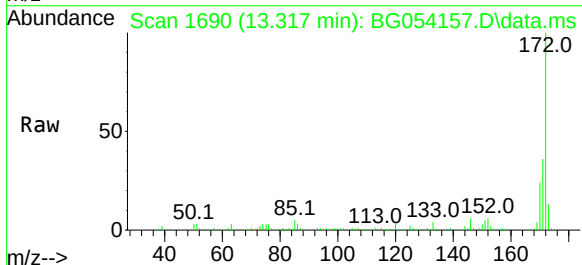
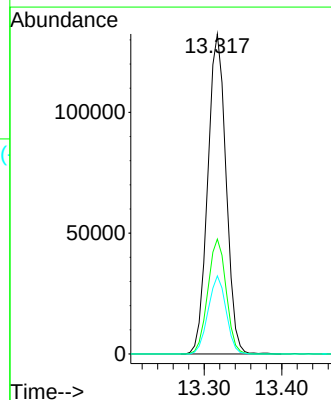
Tgt Ion:172 Resp: 216446

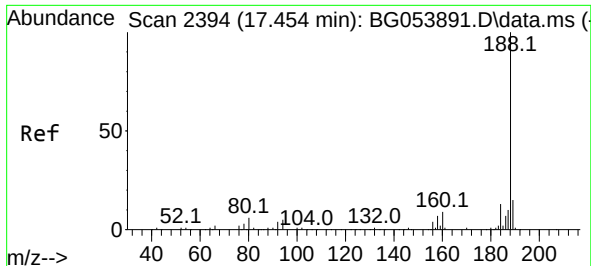
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.4 18.9 28.3

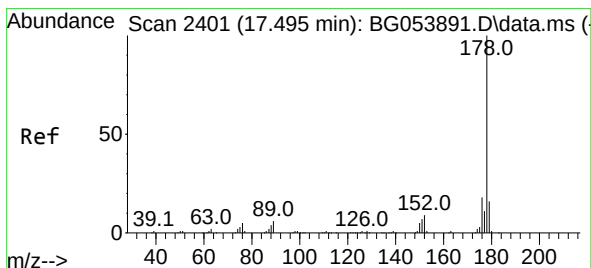
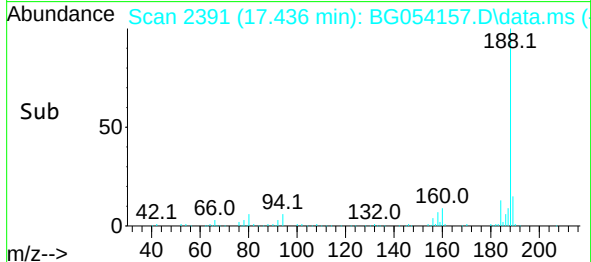
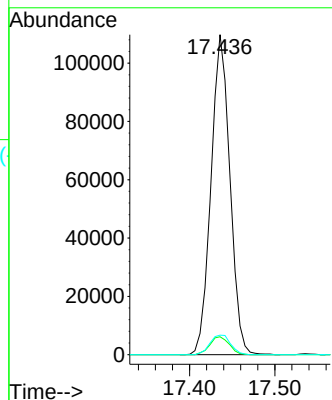
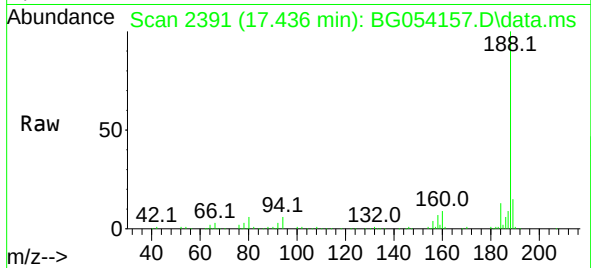




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

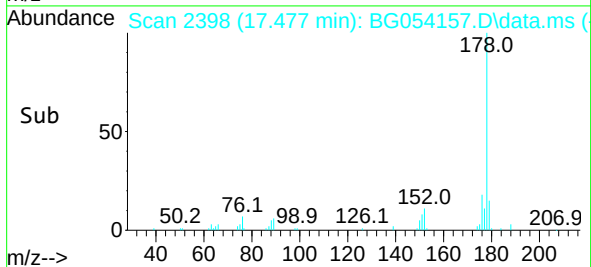
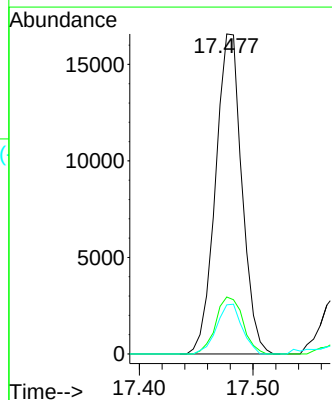
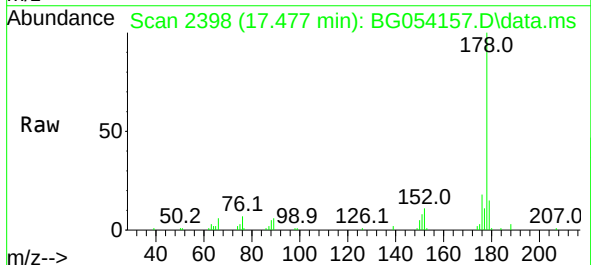
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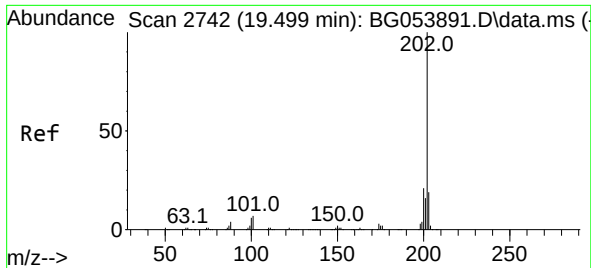
Tgt Ion:188 Resp: 169223
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.1 6.8 10.2#



#71
Phenanthrene
Concen: 3.070 ng
RT: 17.477 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

Tgt Ion:178 Resp: 26689
Ion Ratio Lower Upper
178 100
176 17.8 14.1 21.1
179 15.4 12.1 18.1

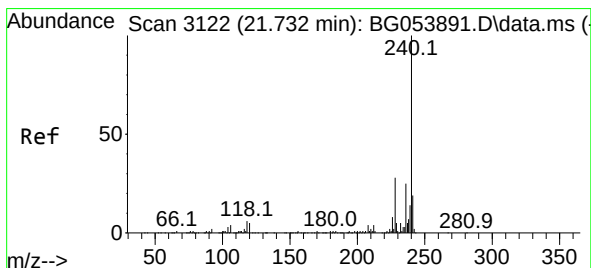
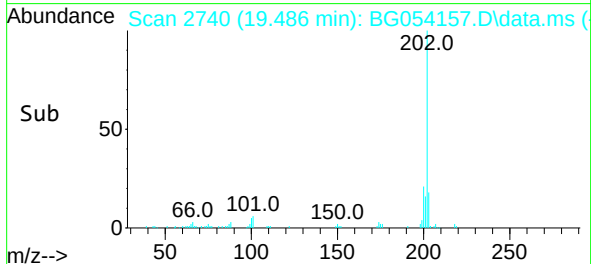
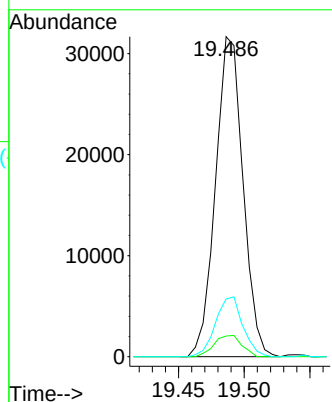
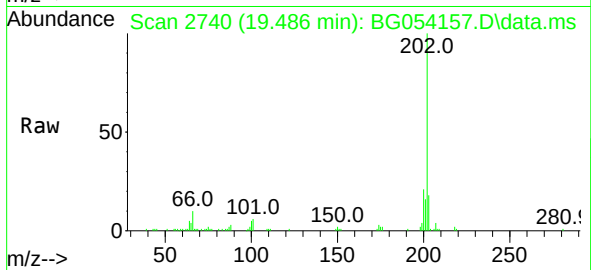




#75
Fluoranthene
Concen: 4.037 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

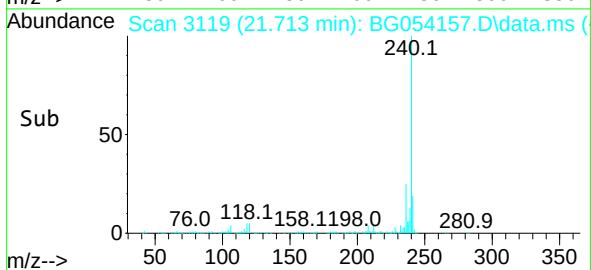
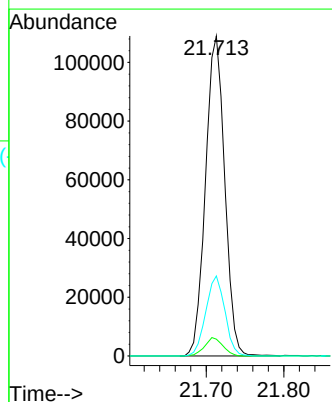
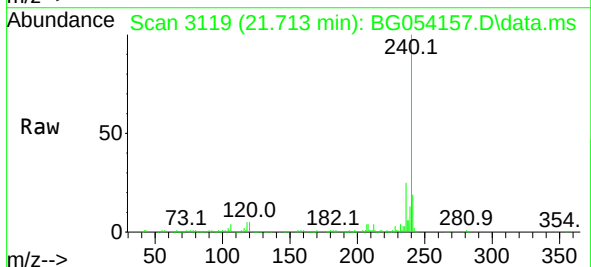
Instrument :
BNA_G
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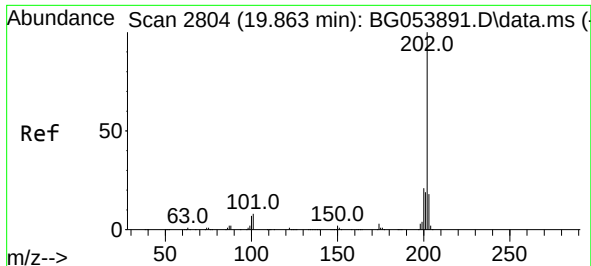
Tgt Ion:202 Resp: 46074
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 18.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

Tgt Ion:240 Resp: 187172
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 25.0 20.2 30.4

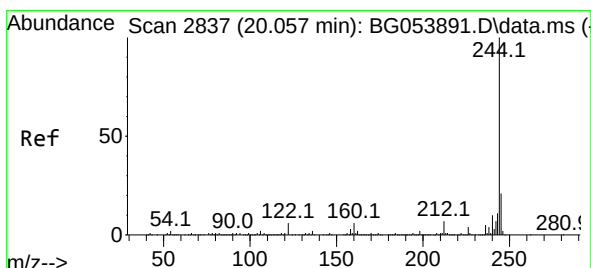
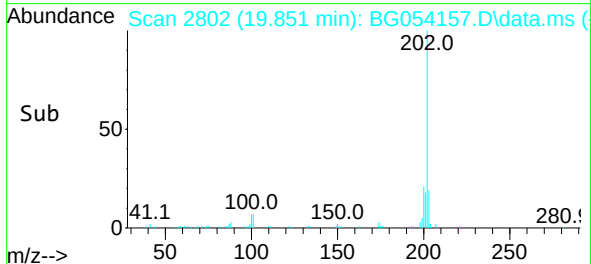
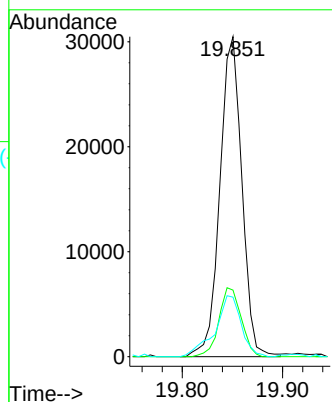
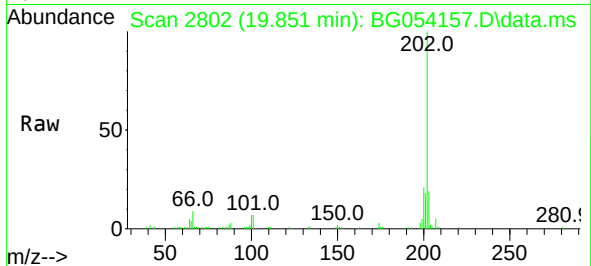




#78
 Pyrene
 Concen: 4.096 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

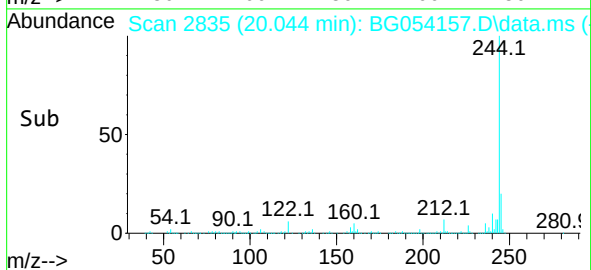
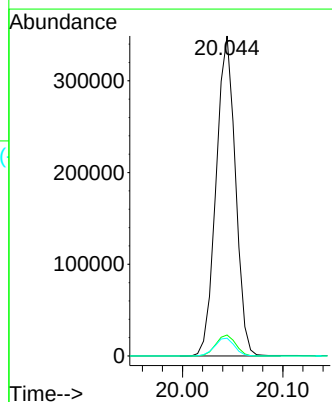
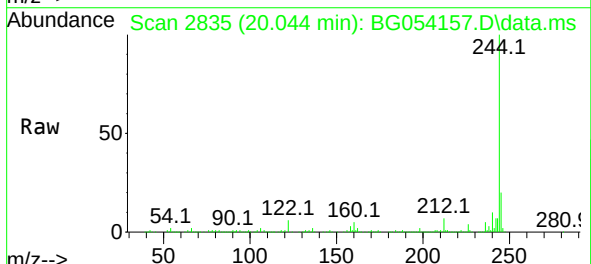
Instrument :
 BNA_G
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 SB-10-6-8-20220623

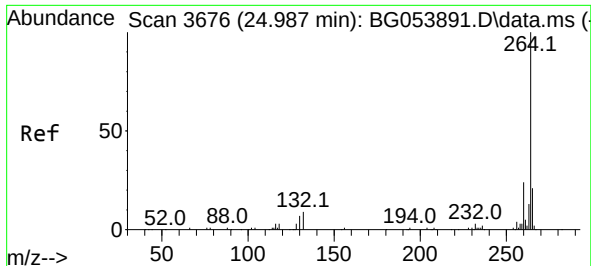
Tgt Ion:202 Resp: 46308
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 24.8
 203 18.6 14.6 21.8



#79
 Terphenyl-d14
 Concen: 50.173 ng
 RT: 20.044 min Scan# 2835
 Delta R.T. -0.000 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

Tgt Ion:244 Resp: 466264
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 5.6 5.0 7.4

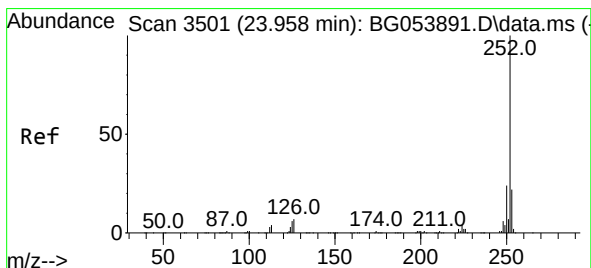
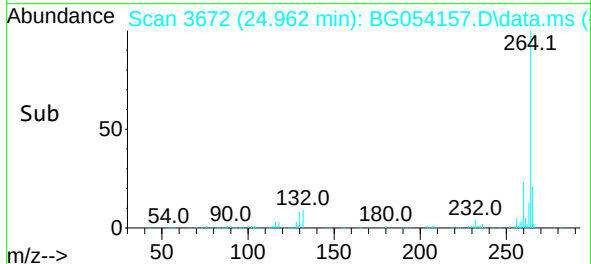
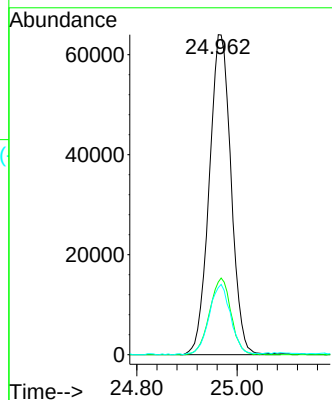
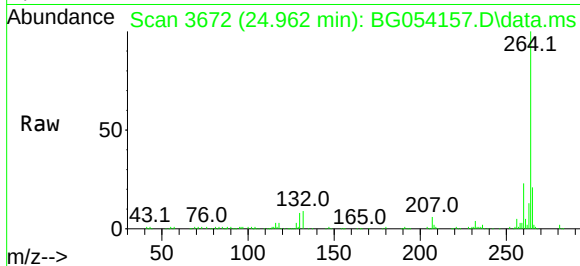




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.962 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

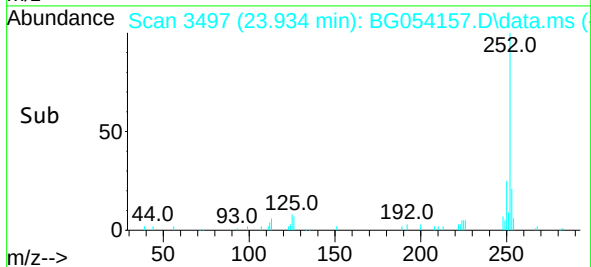
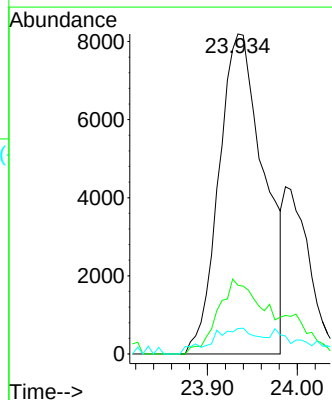
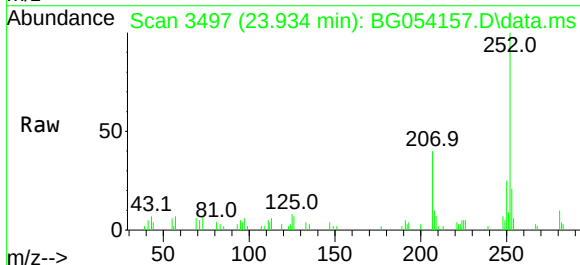
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-6-8-20220623

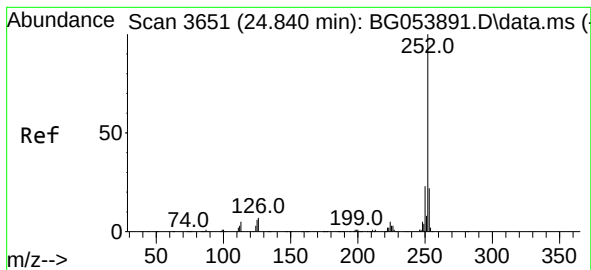
Tgt Ion:264 Resp: 192822
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.0 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 2.435 ng
 RT: 23.934 min Scan# 3497
 Delta R.T. -0.000 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

Tgt Ion:252 Resp: 28548
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.0 27.0
 125 8.0 4.6 6.8#





#90

Benzo(a)pyrene

Concen: 2.083 ng

RT: 24.804 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG054157.D

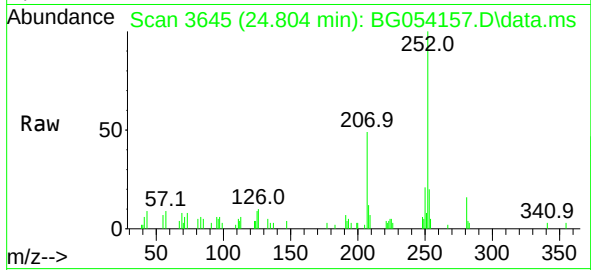
Acq: 29 Jun 2022 22:54

Instrument :

BNA_G

ClientSampleId :

SB-10-6-8-20220623



Tgt Ion:252 Resp: 20603

Ion Ratio Lower Upper

252 100

253 20.2 17.8 26.8

125 9.4 4.3 6.5#

