

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)

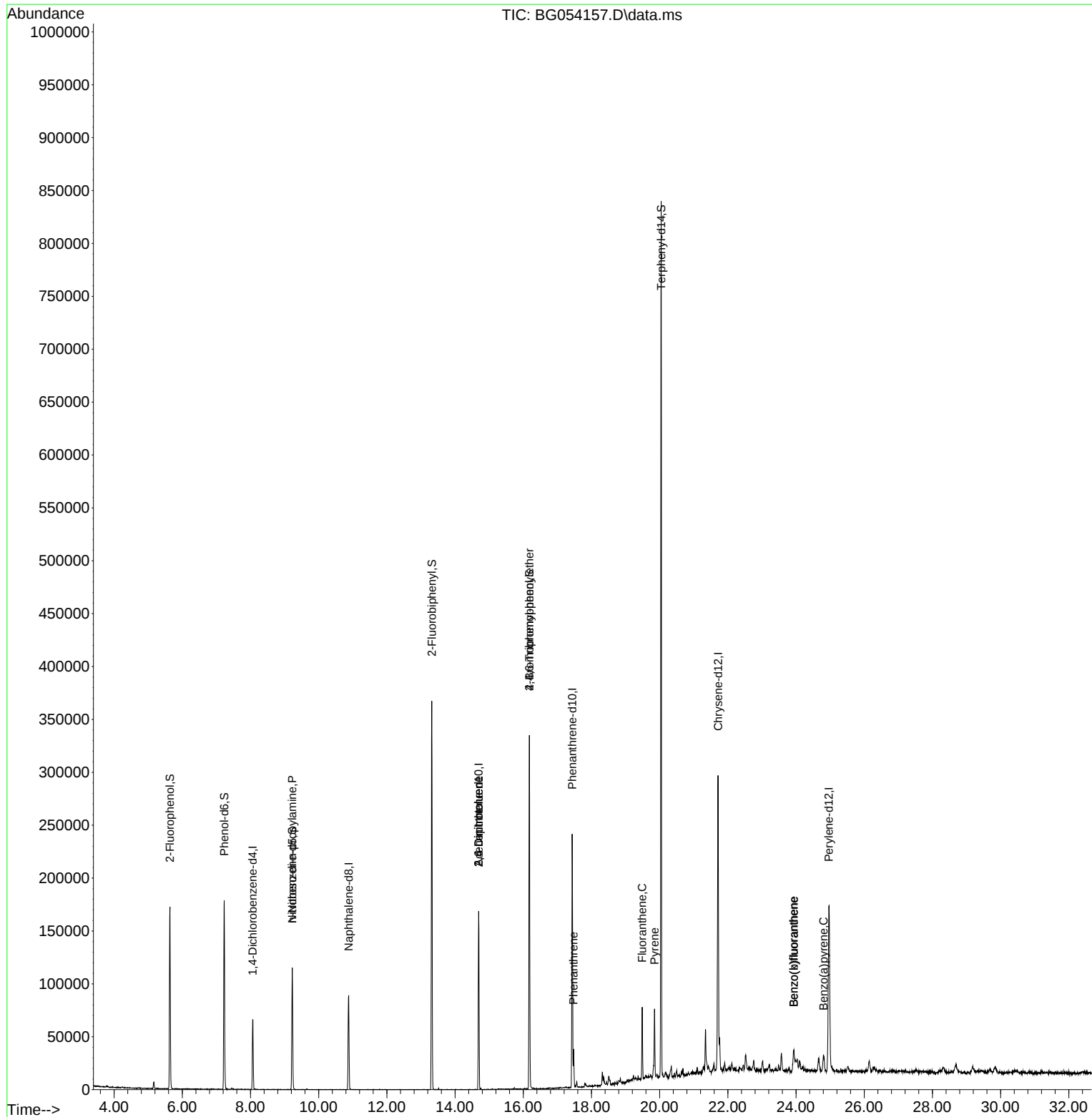
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	20964	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	84862	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	65844	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	169223	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	187172	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.228	70	9954	9.961	ng	# 76
51) 2,6-Dinitrotoluene	14.692	165	9053	8.935	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	9053	6.327	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	4888	2.313	ng	# 1
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
89) Benzo(k)fluoranthene	23.934	252	28548	2.459	ng	# 96
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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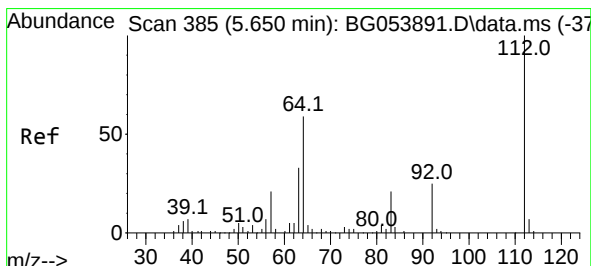
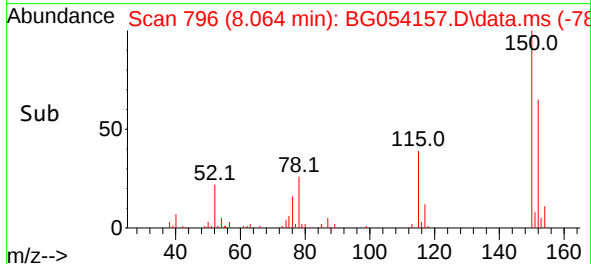
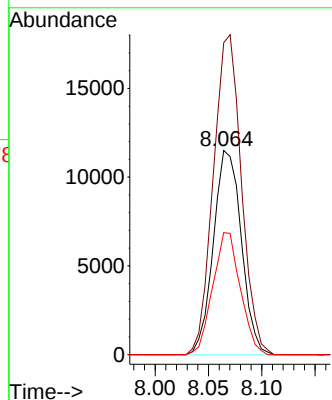
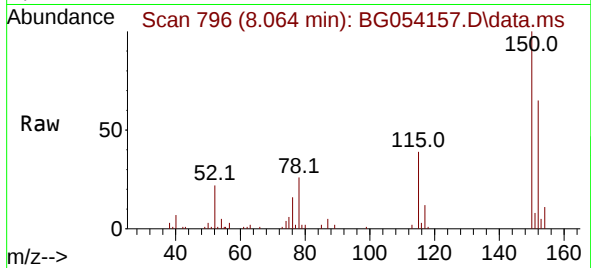




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

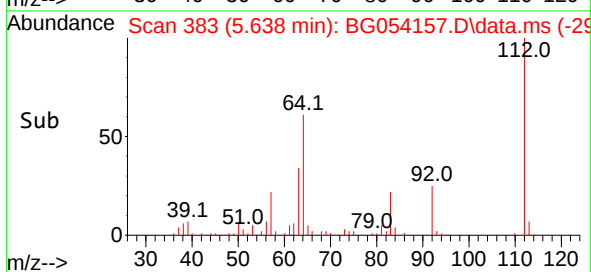
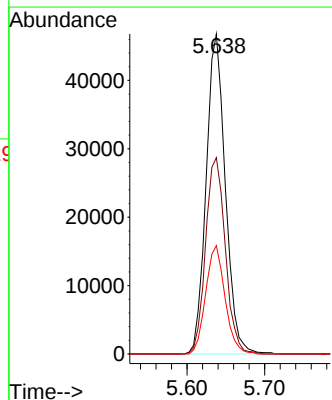
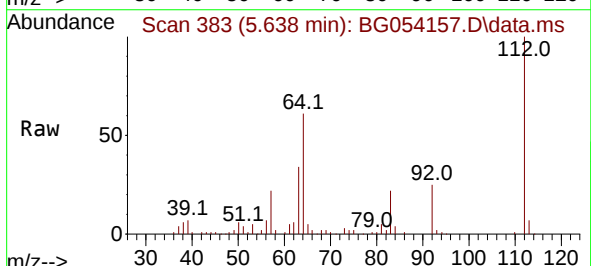
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

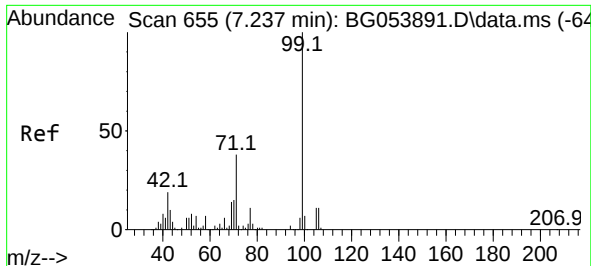
Tgt Ion:152 Resp: 20964
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 59.7 50.9 76.3



#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

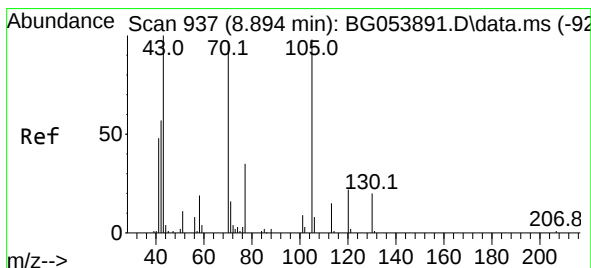
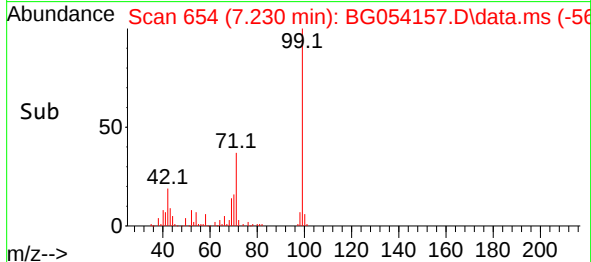
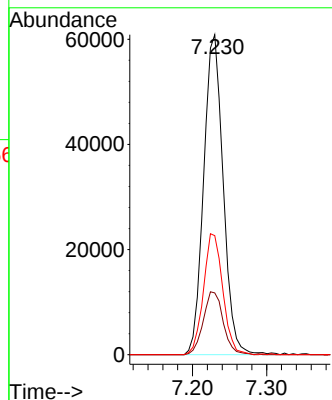
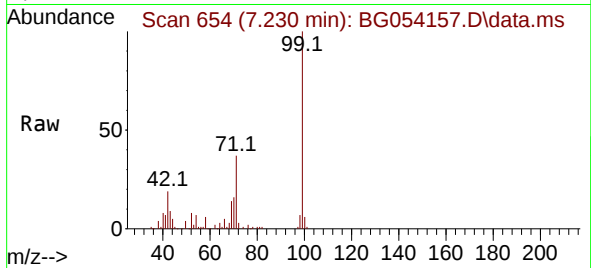




#7
Phenol-d6
Concen: 74.777 ng
RT: 7.230 min Scan# 611
Delta R.T. -0.000 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

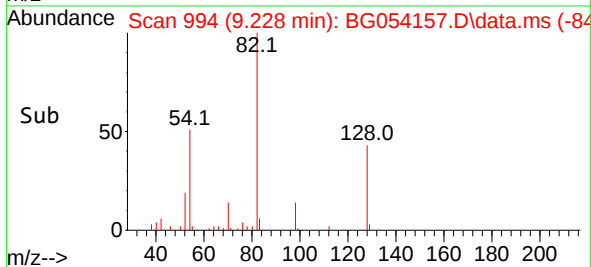
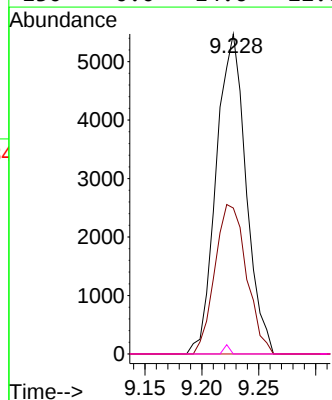
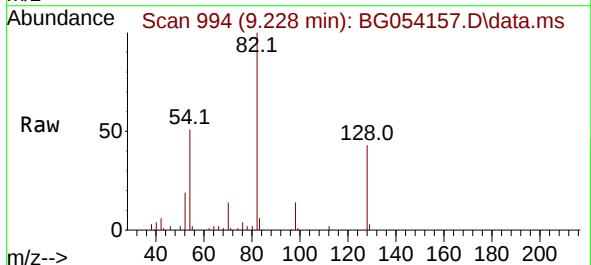
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

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



#19
n-Nitroso-di-n-propylamine
Concen: 9.961 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

Tgt Ion: 70 Resp: 9954
Ion Ratio Lower Upper
70 100
42 45.6 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

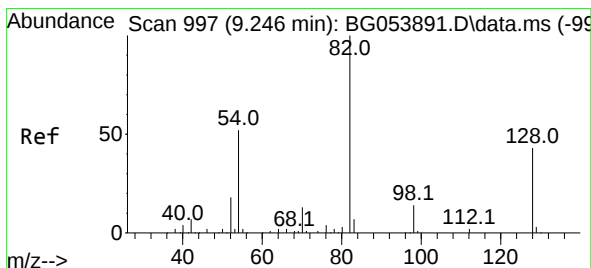
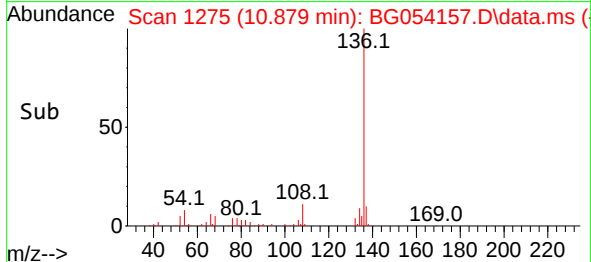
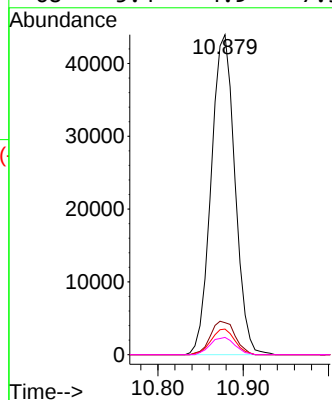
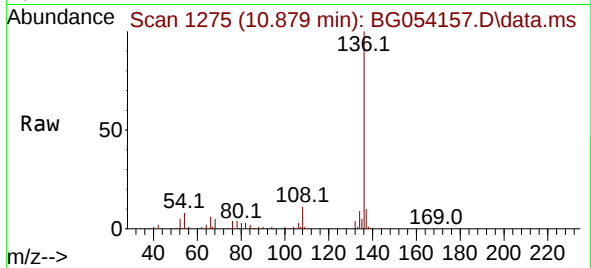




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

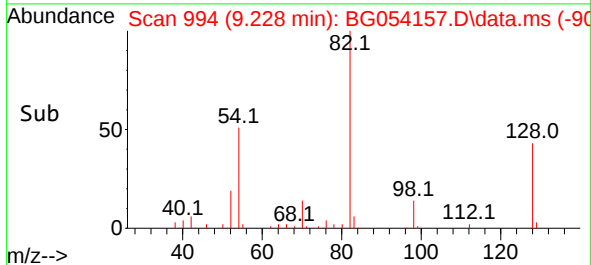
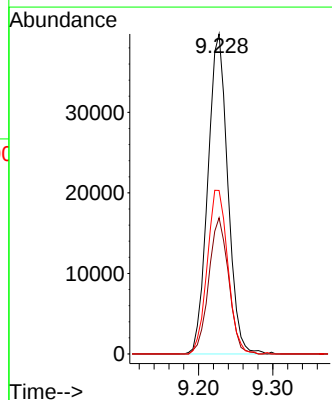
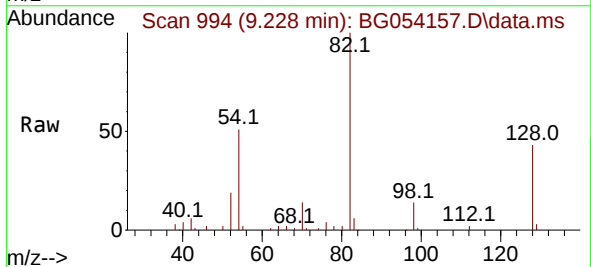
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion:	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

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

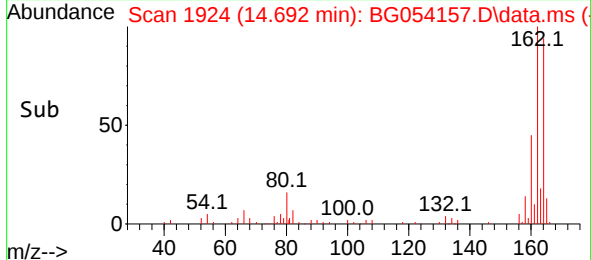
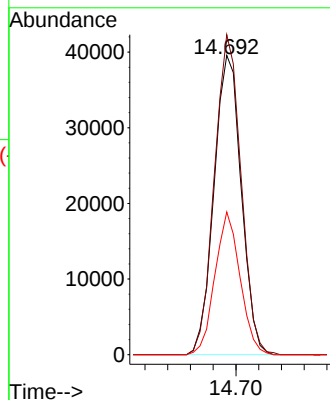
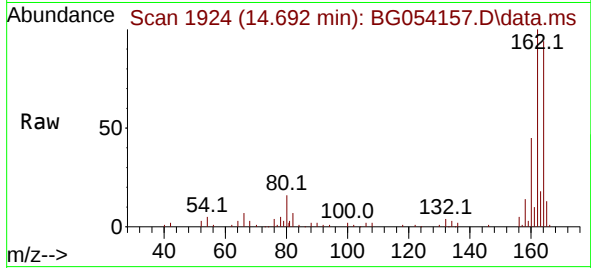




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

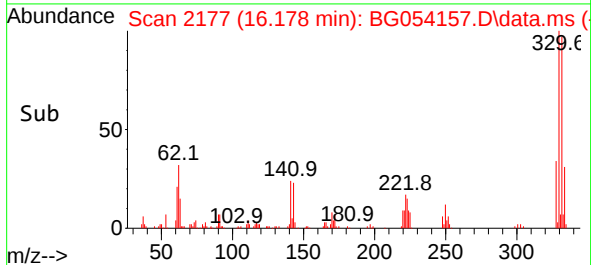
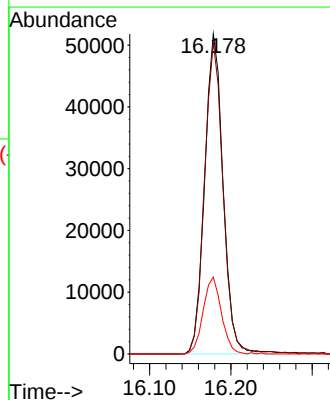
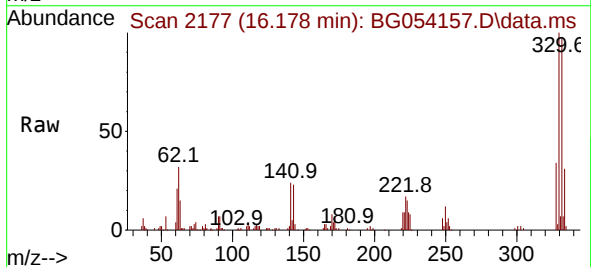
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ClientSampleId :
SB-10-6-8-20220623

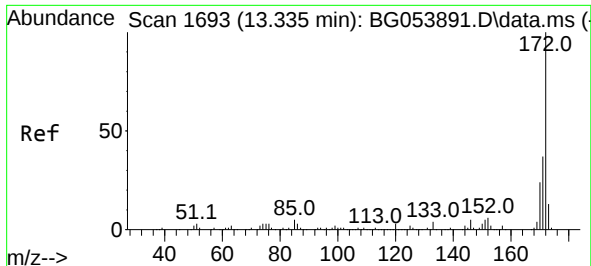
Tgt Ion:164 Resp: 65844
Ion Ratio Lower Upper
164 100
162 106.9 82.3 123.5
160 47.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 77.276 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

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#

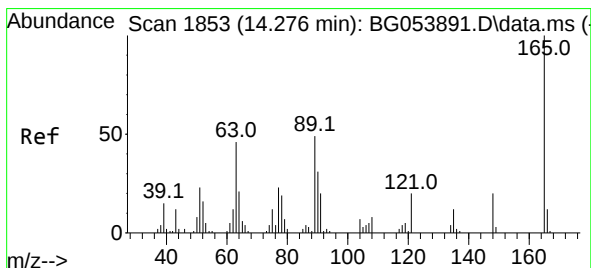
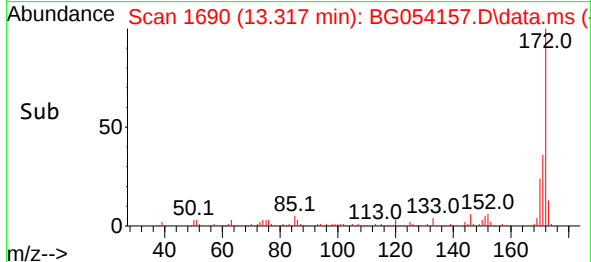
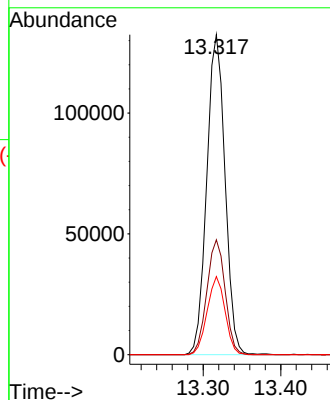
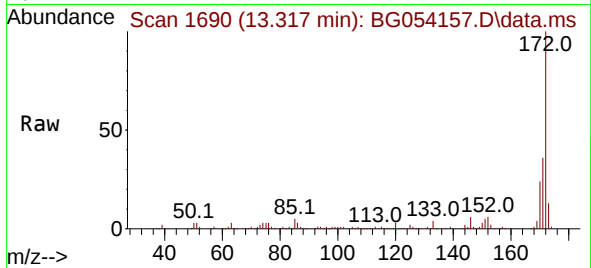




#45
2-Fluorobiphenyl
Concen: 47.801 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

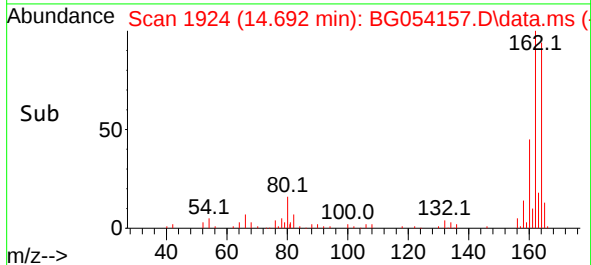
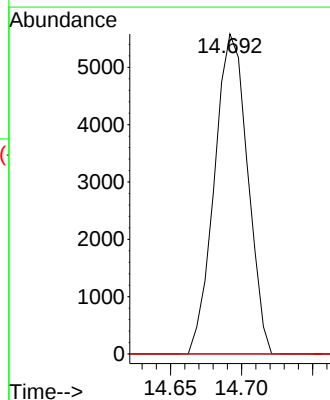
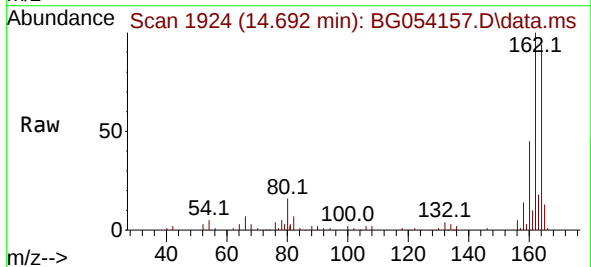
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

Tgt Ion:172 Resp: 216446
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.935 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.429 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

Tgt Ion:165 Resp: 9053
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

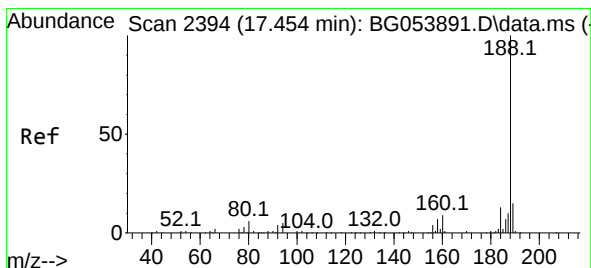
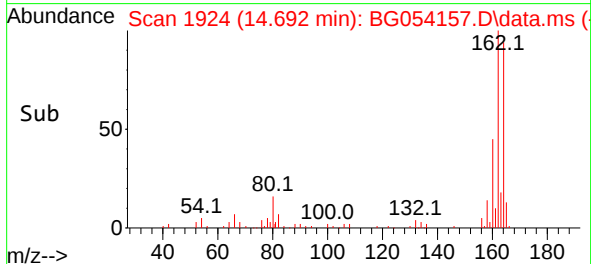
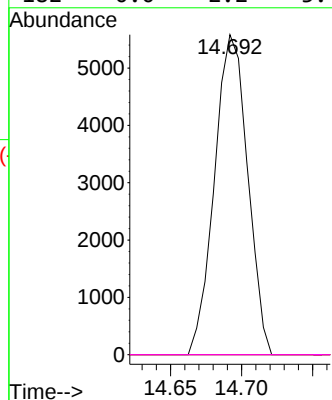
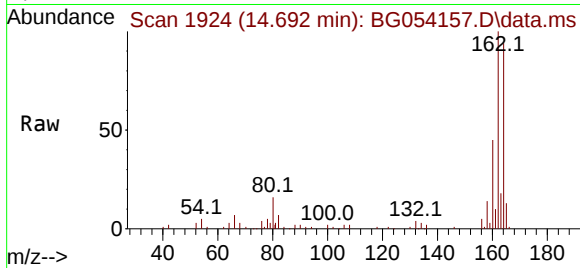




#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 14.692 min Scan# 1987
Delta R.T. -0.359 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

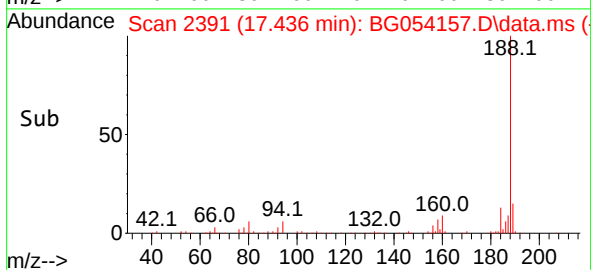
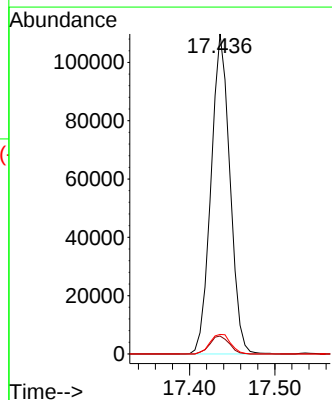
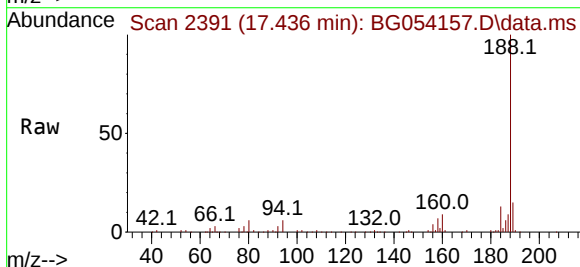
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ClientSampleId :
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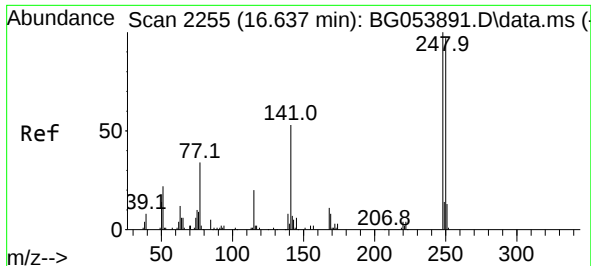
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Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

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#

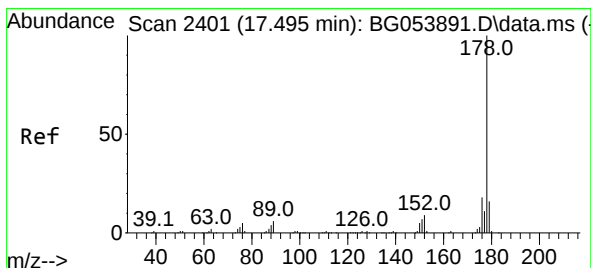
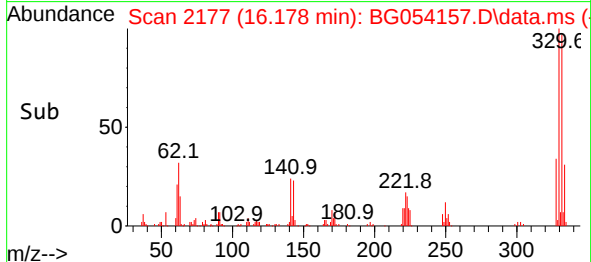
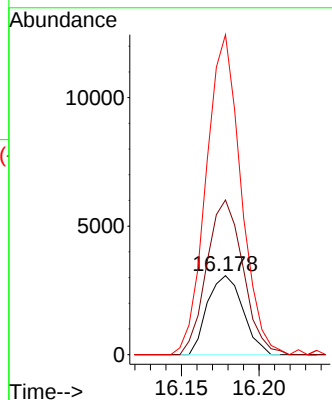
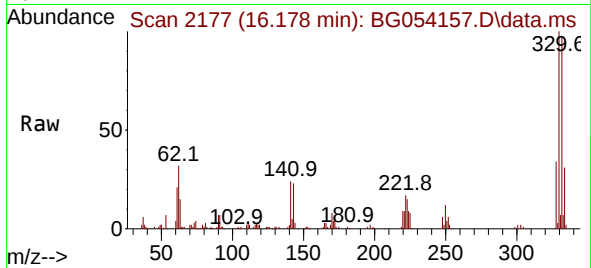




#67
4-Bromophenyl-phenylether
Concen: 2.313 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.447 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

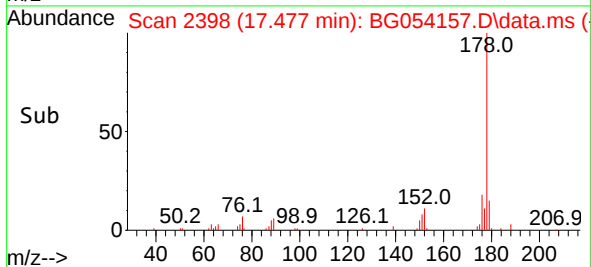
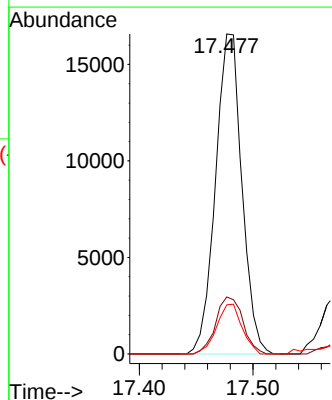
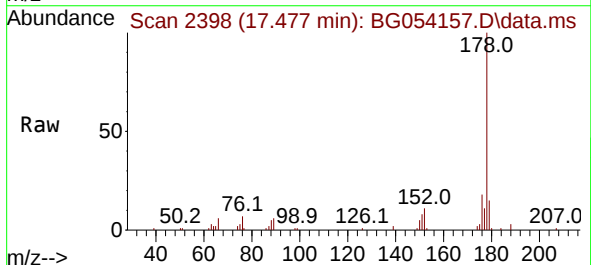
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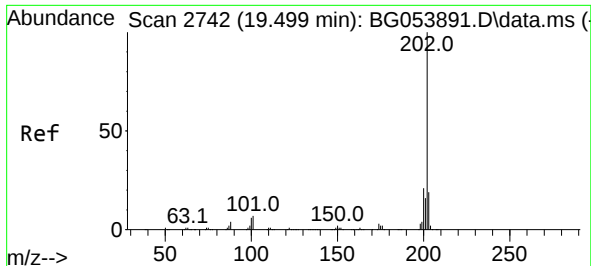
Tgt Ion:248 Resp: 4888
Ion Ratio Lower Upper
248 100
250 200.8 75.2 112.8#
141 312.4 50.0 75.0#



#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

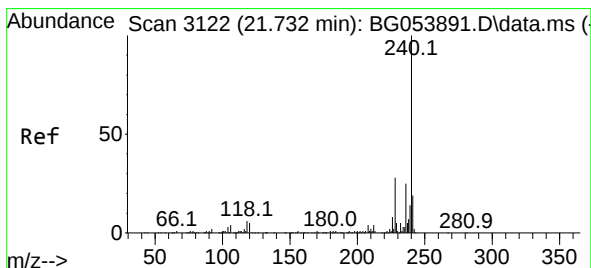
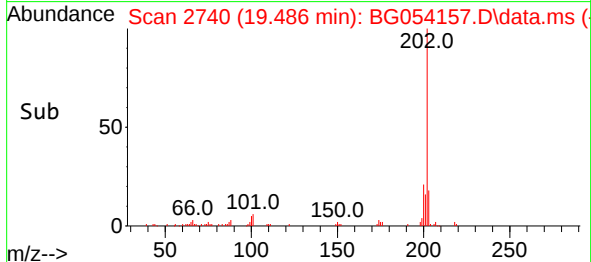
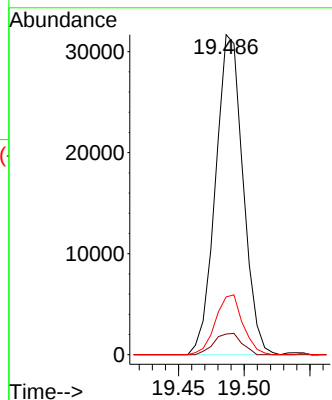
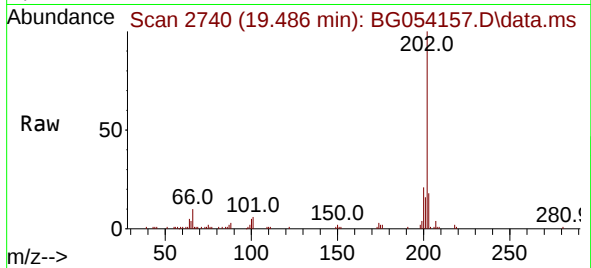




#75
Fluoranthene
Concen: 4.037 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

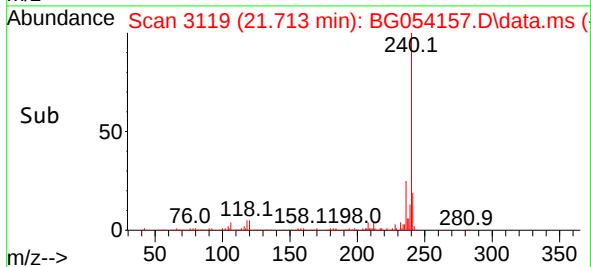
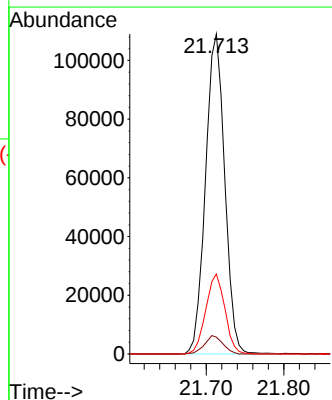
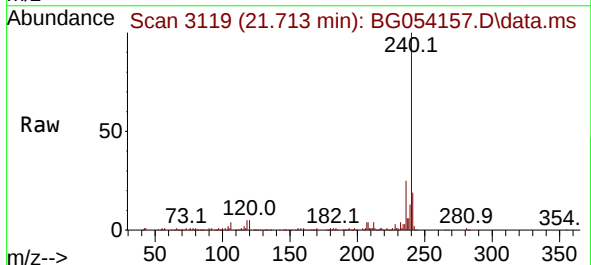
Instrument :
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ClientSampleId :
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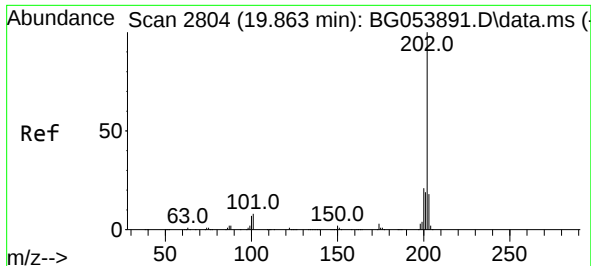
Tgt Ion:202 Resp: 46074
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 18.1 0.0 37.2



#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

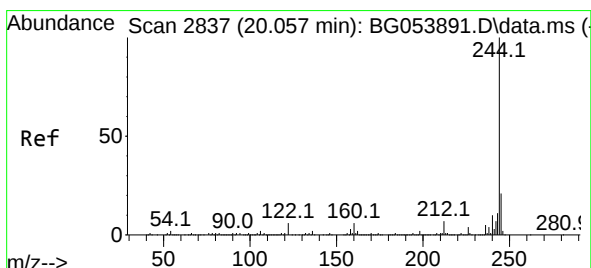
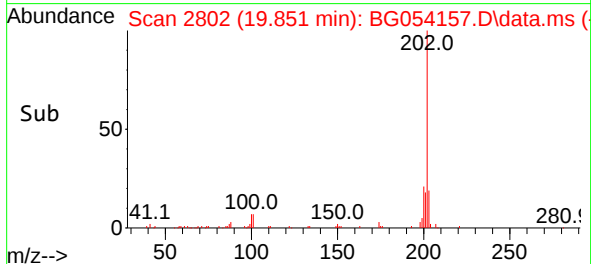
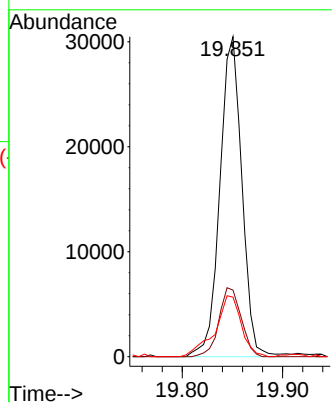
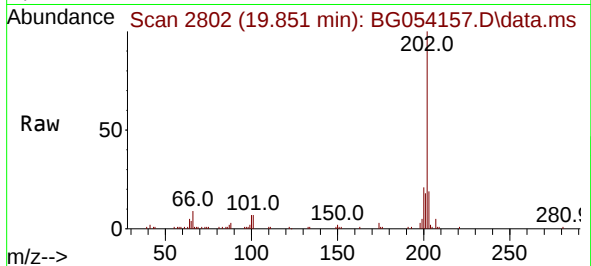




#78
Pyrene
Concen: 4.096 ng
RT: 19.851 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

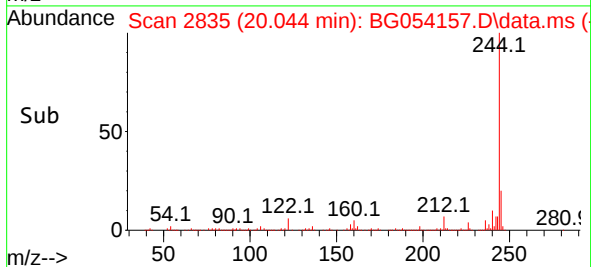
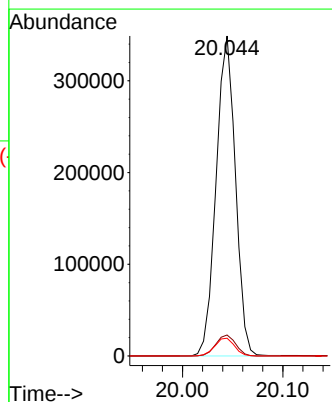
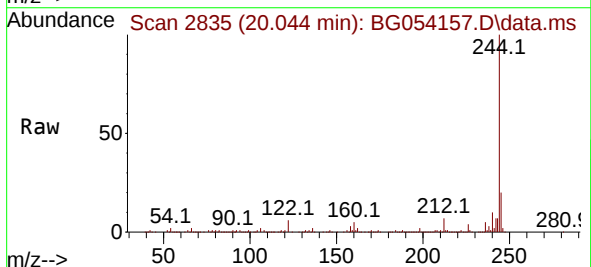
Instrument :
BNA_G
ClientSampleId :
SB-10-6-8-20220623

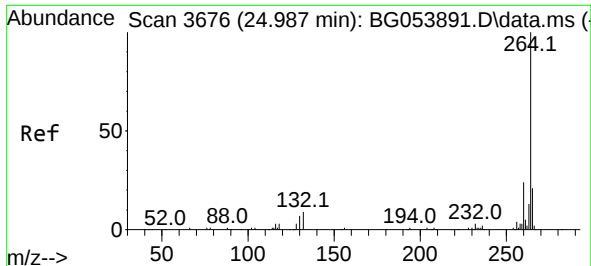
Tgt Ion:202 Resp: 46308
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 18.6 14.6 21.8



#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

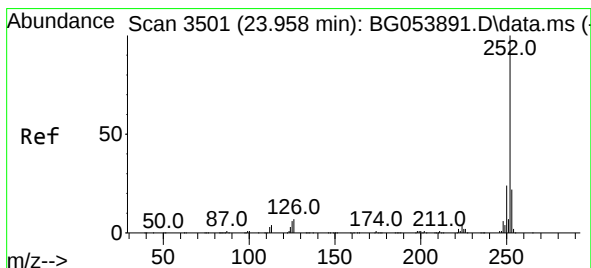
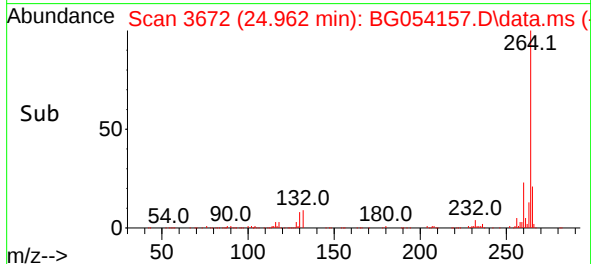
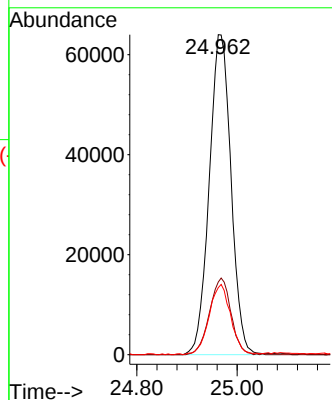
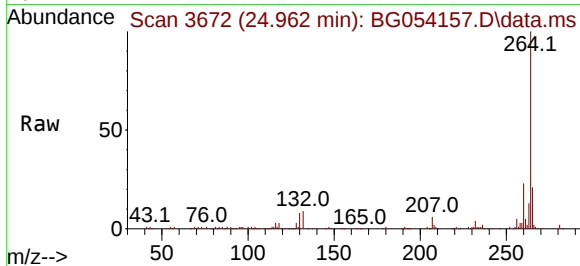




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.962 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG054157.D
 Acq: 29 Jun 2022 22:54

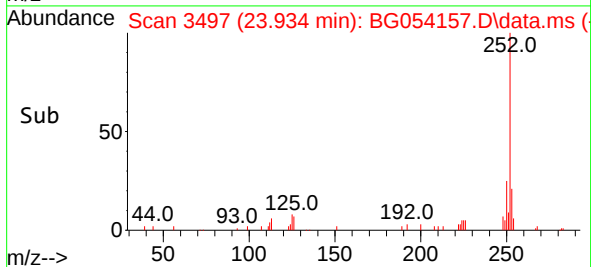
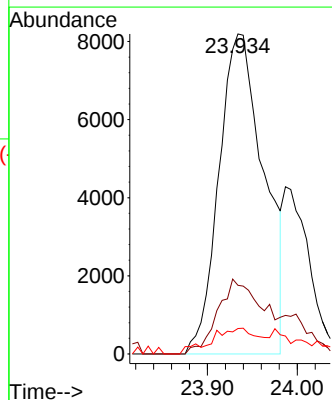
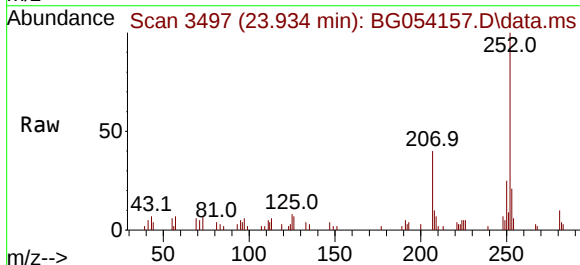
Instrument :
 BNA_G
 ClientSampleId :
 SB-10-6-8-20220623

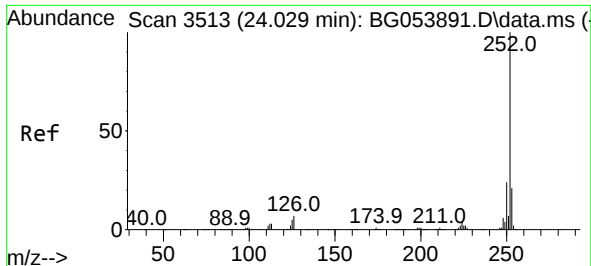
Tgt Ion:264 Resp: 192822
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.0 17.4 26.2



#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#

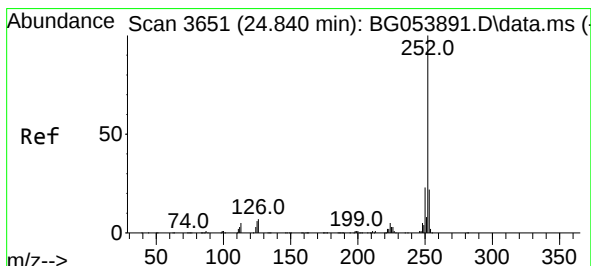
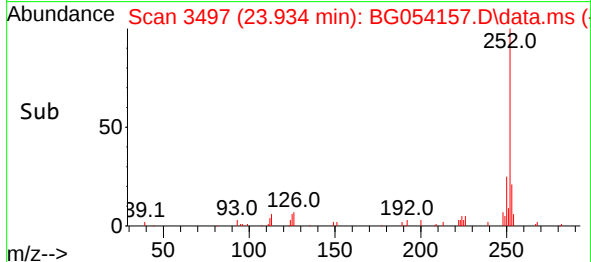
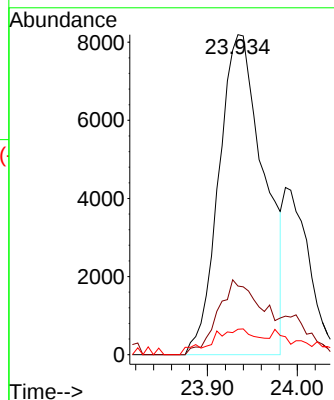
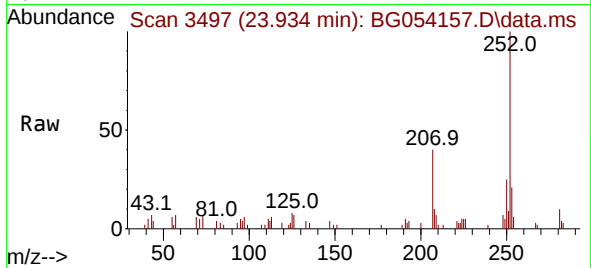




#89
Benzo(k)fluoranthene
Concen: 2.459 ng
RT: 23.934 min Scan# 34
Delta R.T. -0.071 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

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

Tgt Ion:252 Resp: 28548
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 8.0 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 2.083 ng
RT: 24.804 min Scan# 3645
Delta R.T. -0.012 min
Lab File: BG054157.D
Acq: 29 Jun 2022 22:54

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#

