

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054117.D
 Acq On : 28 Jun 2022 14:03
 Operator : CG/JU
 Sample : N3472-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20071

Quant Time: Jun 28 14:39:41 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)

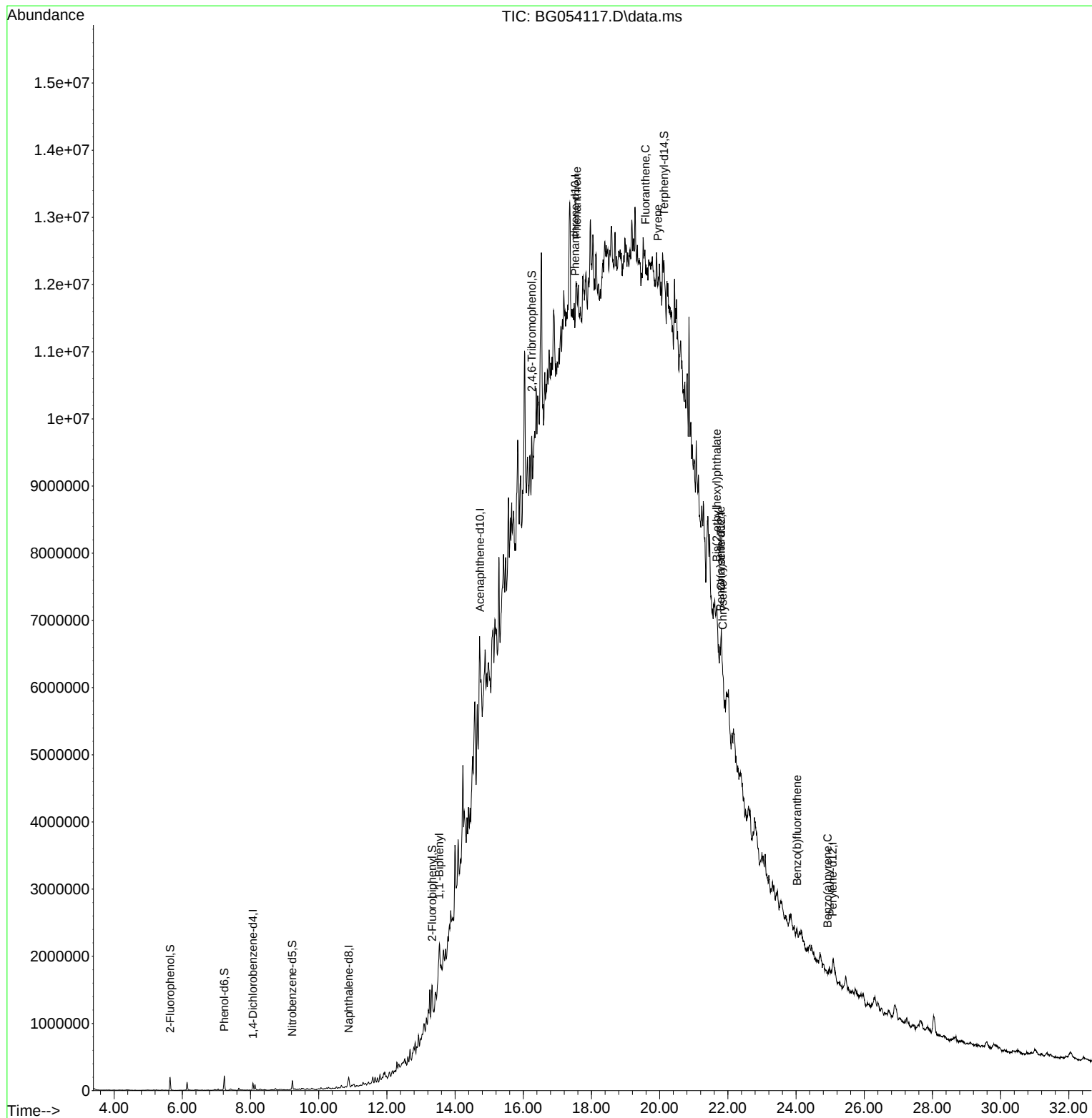
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	32909	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	124511	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	68315	20.000	ng	# 0.03
64) Phenanthrene-d10	17.524	188	124783	20.000	ng	# 0.08
76) Chrysene-d12	21.801	240	149304	20.000	ng	# 0.08
86) Perylene-d12	25.074	264	150377	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	99109	57.579	ng	0.00
7) Phenol-d6	7.230	99	130330	55.815	ng	0.00
23) Nitrobenzene-d5	9.227	82	88820	40.088	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	54378	49.543	ng	0.06
45) 2-Fluorobiphenyl	13.328	172	194817	41.468	ng	0.00
79) Terphenyl-d14	20.126	244	244937	33.042	ng	0.08
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	13.540	154	41909	8.807	ng	93
71) Phenanthrene	17.571	178	94333	14.714	ng	# 1
75) Fluoranthene	19.586	202	32653	3.880	ng	# 1
78) Pyrene	19.950	202	44192	4.901	ng	# 1
81) Benzo(a)anthracene	21.783	228	27534	2.848	ng	# 43
83) Chrysene	21.848	228	27106	2.942	ng	# 47
84) Bis(2-ethylhexyl)phtha...	21.672	149	44995	10.884	ng	# 57
88) Benzo(b)fluoranthene	24.034	252	36514	3.994	ng	# 1
90) Benzo(a)pyrene	24.927	252	21755	2.820	ng	# 1

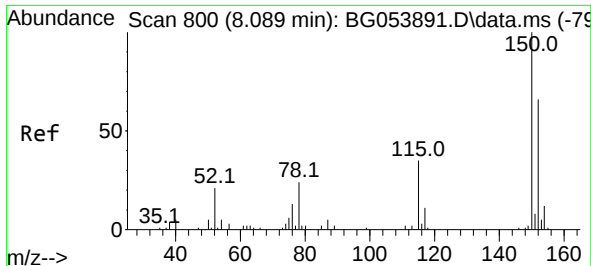
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054117.D
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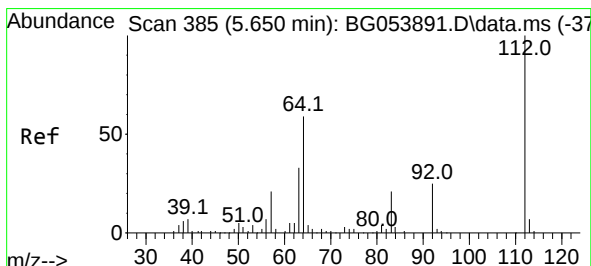
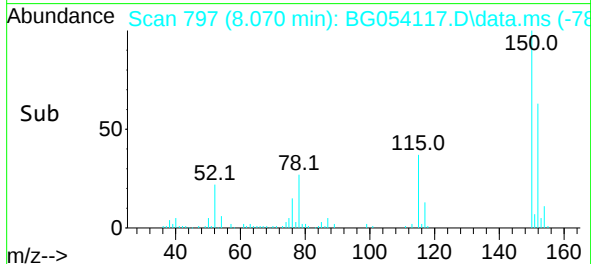
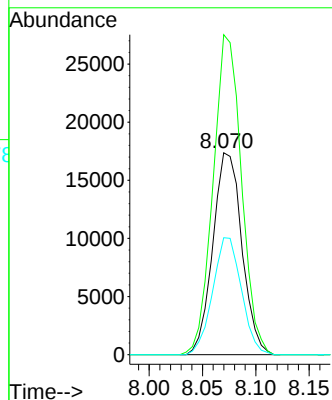
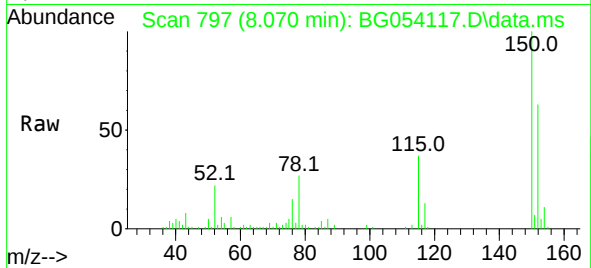




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

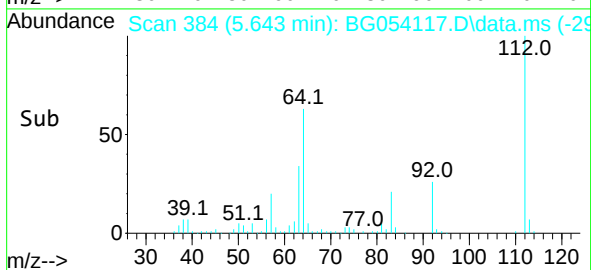
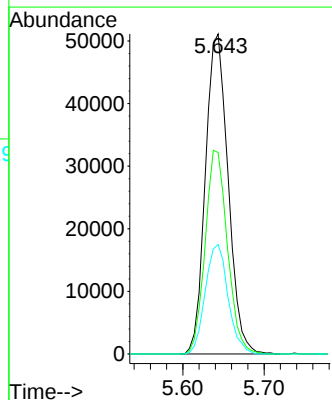
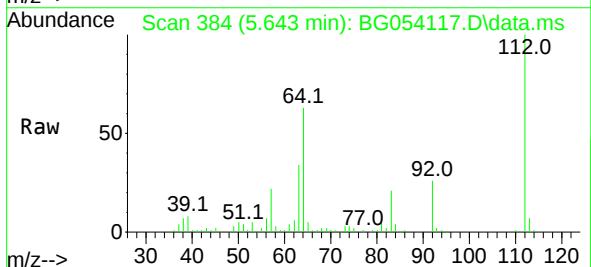
Instrument :
BNA_G
ClientSampleId :
20071

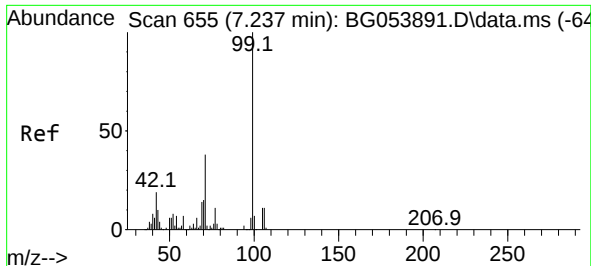
Tgt Ion:152 Resp: 32909
Ion Ratio Lower Upper
152 100
150 158.4 131.6 197.4
115 57.9 50.9 76.3



#5
2-Fluorophenol
Concen: 57.579 ng
RT: 5.643 min Scan# 384
Delta R.T. 0.005 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Tgt Ion:112 Resp: 99109
Ion Ratio Lower Upper
112 100
64 62.9 55.1 82.7
63 34.2 30.4 45.6

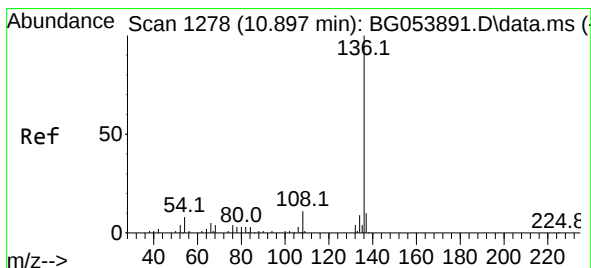
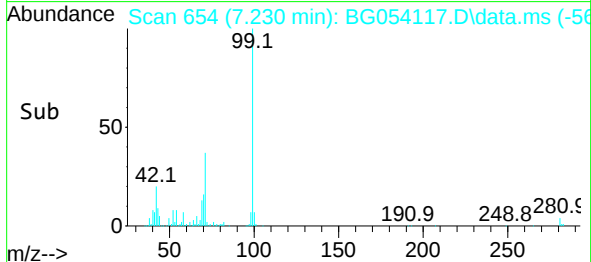
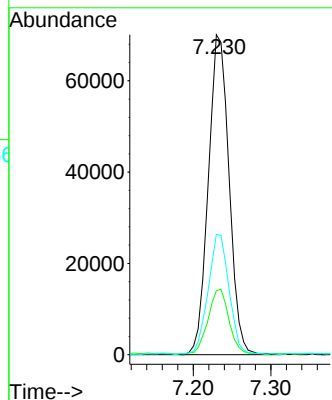
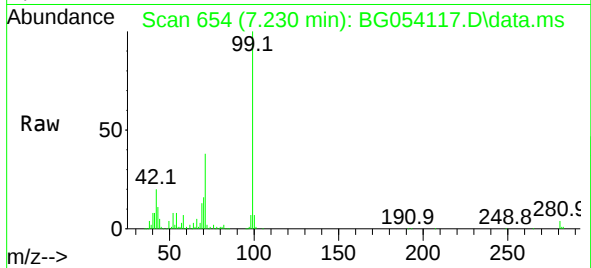




#7
Phenol-d6
Concen: 55.815 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

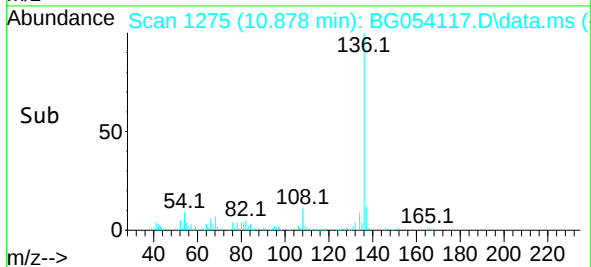
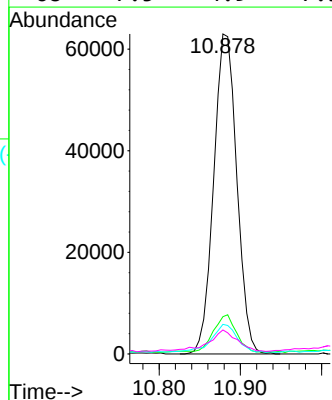
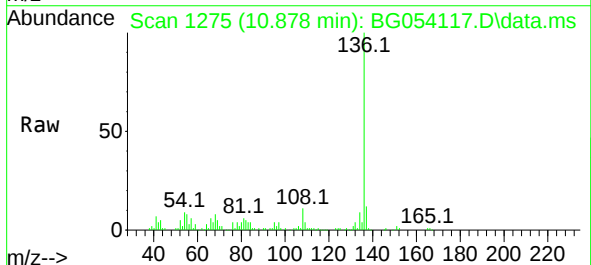
Instrument :
BNA_G
ClientSampleId :
20071

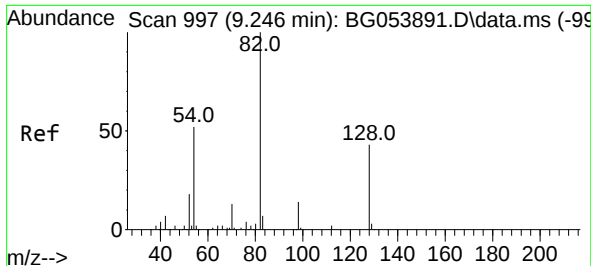
Tgt Ion: 99 Resp: 130330
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 37.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Tgt Ion: 136 Resp: 124511
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 9.2 7.4 11.2
68 7.5 4.9 7.3#

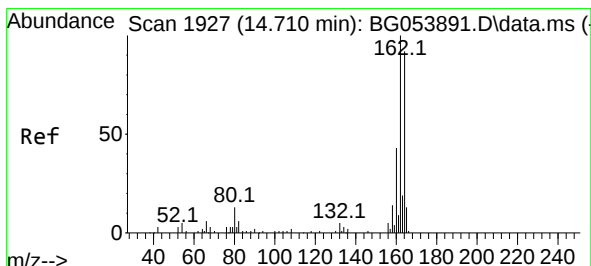
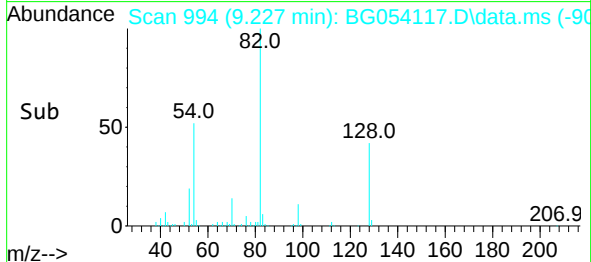
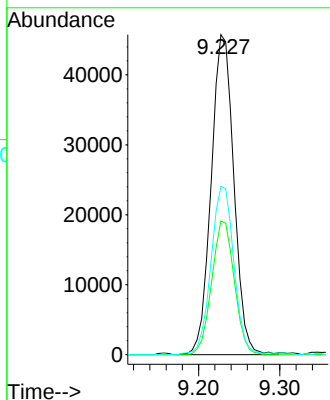
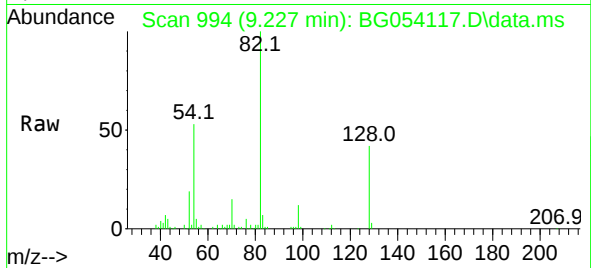




#23
Nitrobenzene-d5
Concen: 40.088 ng
RT: 9.227 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

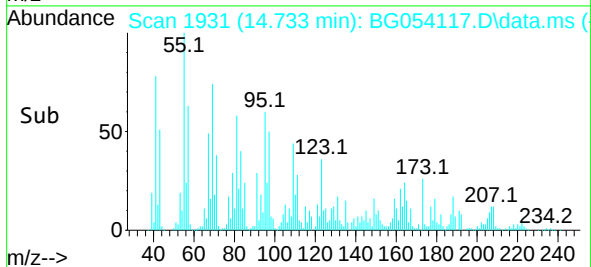
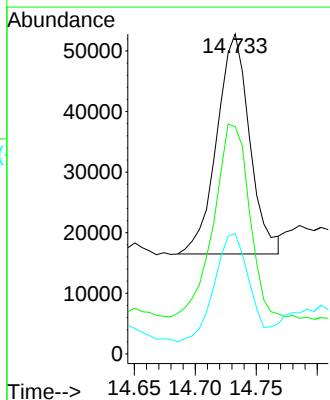
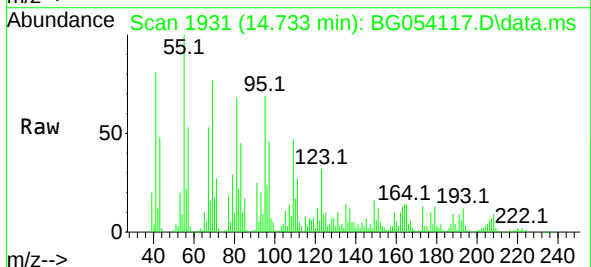
Instrument :
BNA_G
ClientSampleId :
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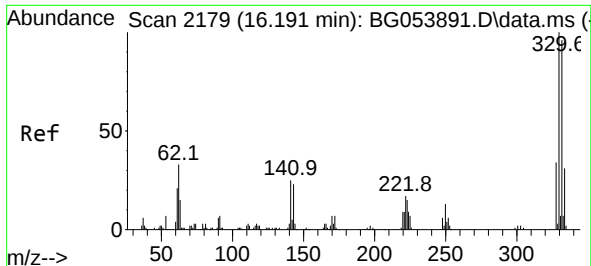
Tgt Ion: 82 Resp: 88820
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 52.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.035 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Tgt Ion:164 Resp: 68315
Ion Ratio Lower Upper
164 100
162 71.0 82.3 123.5#
160 37.7 34.2 51.2

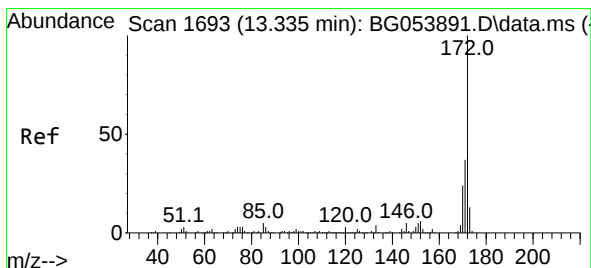
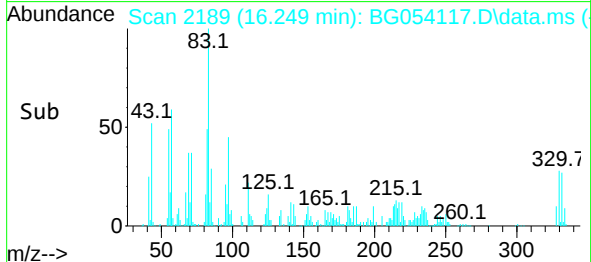
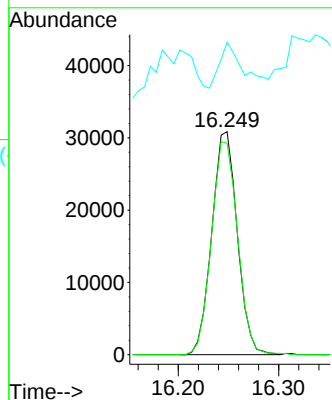
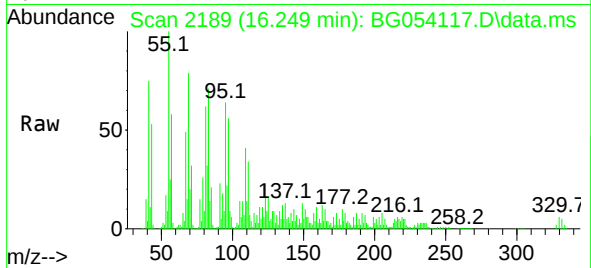




#42
2,4,6-Tribromophenol
Concen: 49.543 ng
RT: 16.249 min Scan# 2179
Delta R.T. 0.064 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

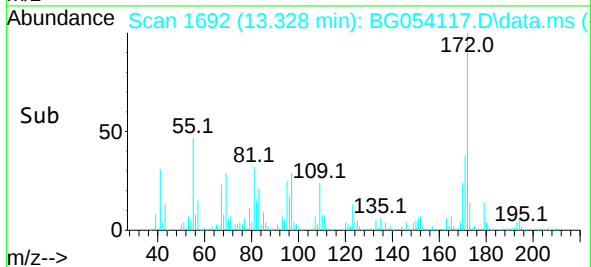
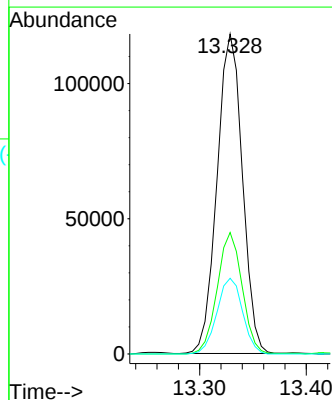
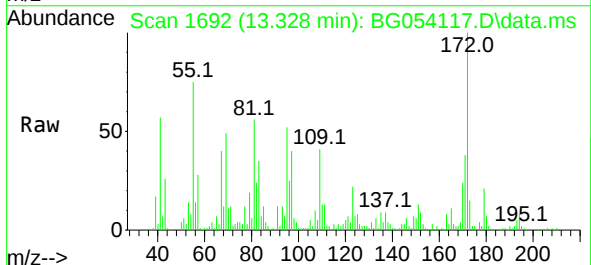
Instrument :
BNA_G
ClientSampleId :
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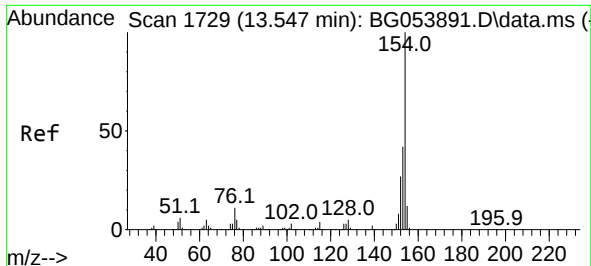
Tgt Ion:330 Resp: 54378
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 18.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 41.468 ng
RT: 13.328 min Scan# 1692
Delta R.T. 0.005 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Tgt Ion:172 Resp: 194817
Ion Ratio Lower Upper
172 100
171 38.0 28.5 42.7
170 23.6 18.9 28.3

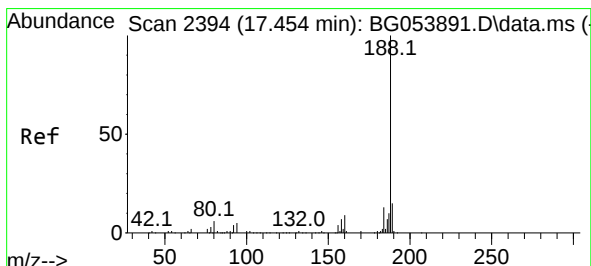
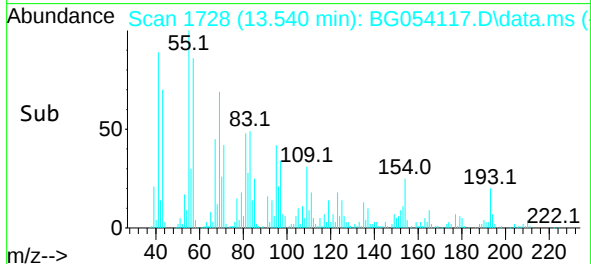
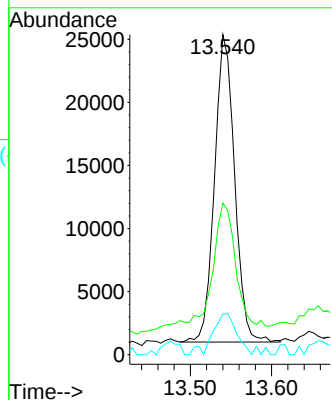
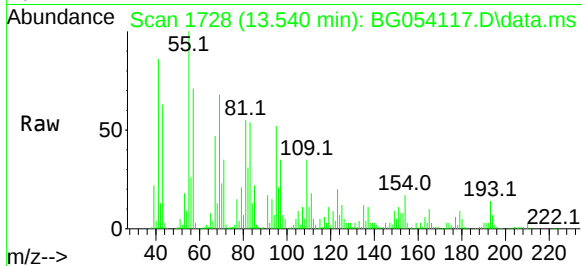




#46
1,1'-Biphenyl
Concen: 8.807 ng
RT: 13.540 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

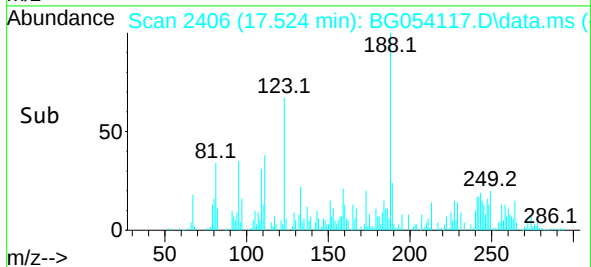
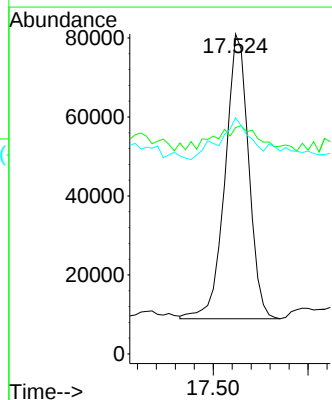
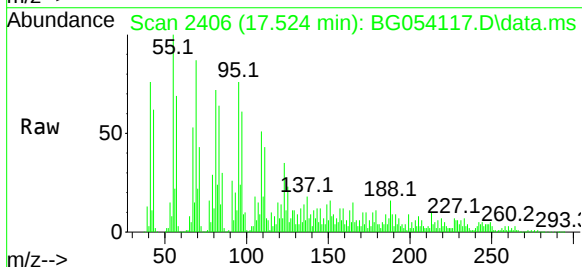
Instrument :
BNA_G
ClientSampleId :
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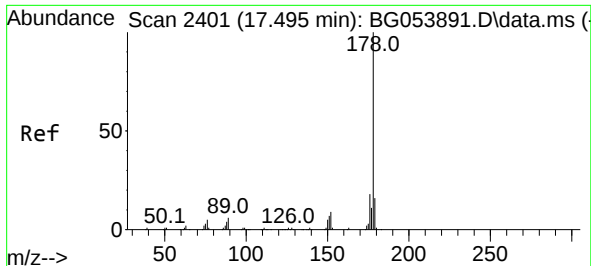
Tgt Ion:154 Resp: 41909
Ion Ratio Lower Upper
154 100
153 47.4 21.6 61.6
76 12.7 0.0 32.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2406
Delta R.T. 0.082 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Tgt Ion:188 Resp: 124783
Ion Ratio Lower Upper
188 100
94 70.8 5.4 8.0#
80 73.8 6.8 10.2#

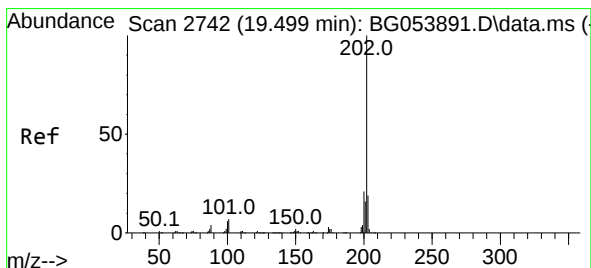
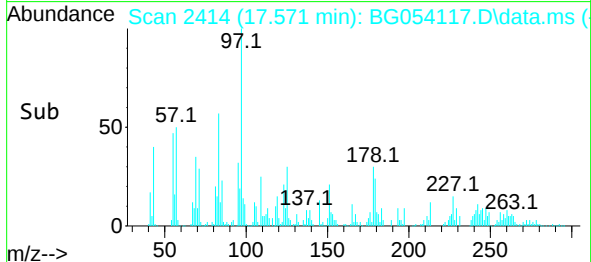
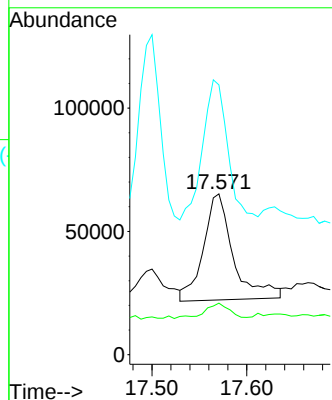
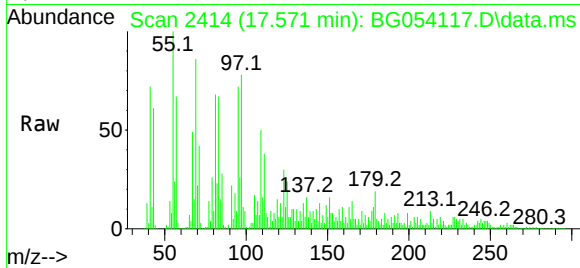




#71
Phenanthrene
Concen: 14.714 ng
RT: 17.571 min Scan# 2401
Delta R.T. 0.088 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

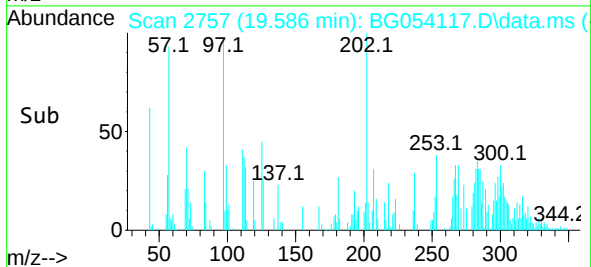
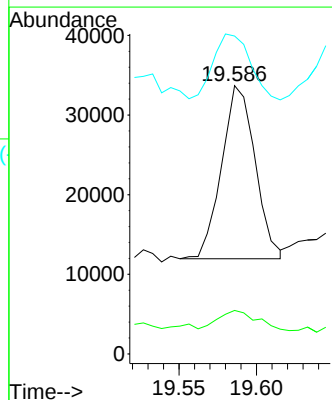
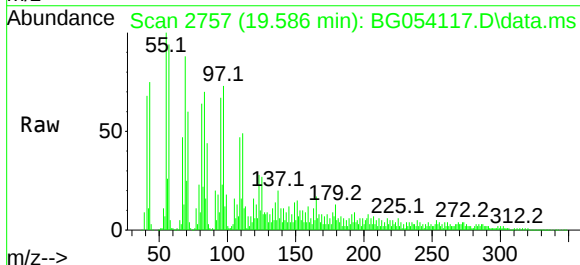
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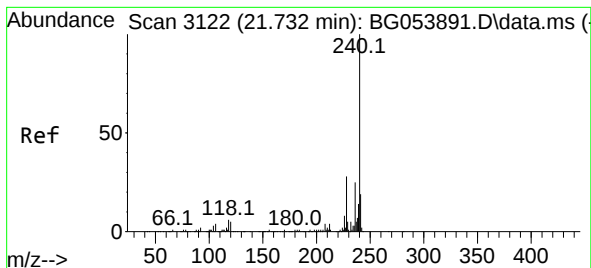
Tgt Ion:178 Resp: 94333
Ion Ratio Lower Upper
178 100
176 32.1 14.1 21.1#
179 167.7 12.1 18.1#



#75
Fluoranthene
Concen: 3.880 ng
RT: 19.586 min Scan# 2757
Delta R.T. 0.094 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Tgt Ion:202 Resp: 32653
Ion Ratio Lower Upper
202 100
101 16.2 0.0 26.9
203 118.5 0.0 37.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.801 min Scan# 31

Delta R.T. 0.082 min

Lab File: BG054117.D

Acq: 28 Jun 2022 14:03

Instrument :

BNA_G

ClientSampleId :

20071

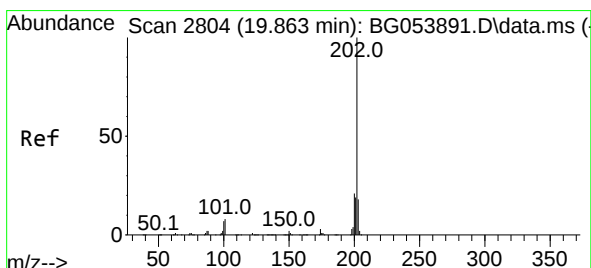
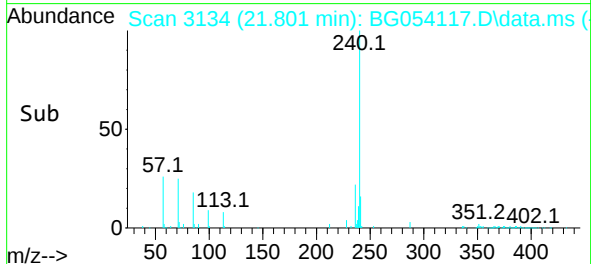
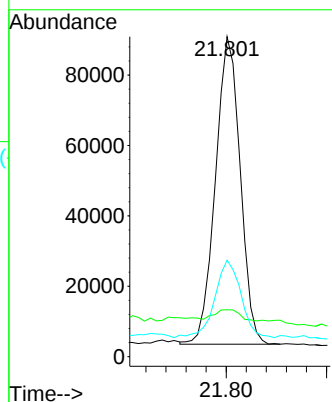
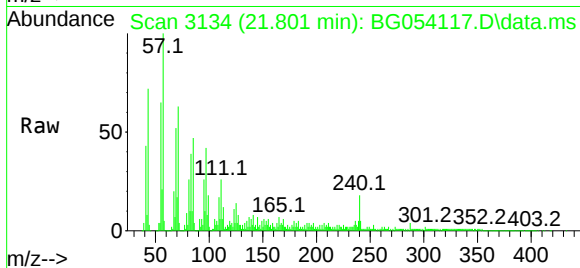
Tgt Ion:240 Resp: 149304

Ion Ratio Lower Upper

240 100

120 14.7 4.6 7.0#

236 30.2 20.2 30.4



#78

Pyrene

Concen: 4.901 ng

RT: 19.950 min Scan# 2819

Delta R.T. 0.099 min

Lab File: BG054117.D

Acq: 28 Jun 2022 14:03

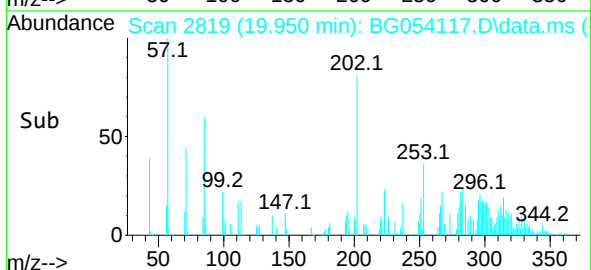
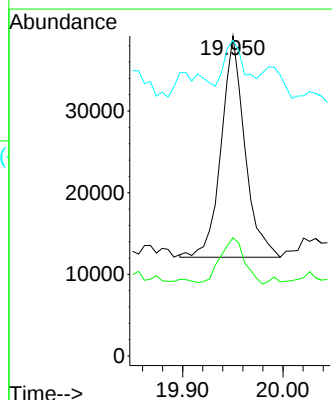
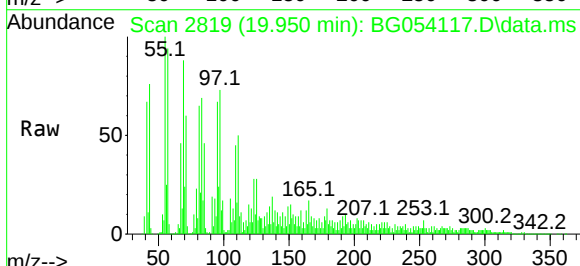
Tgt Ion:202 Resp: 44192

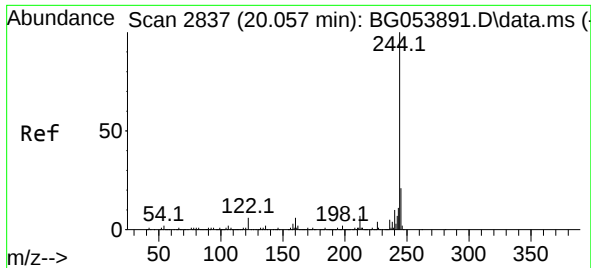
Ion Ratio Lower Upper

202 100

200 36.9 16.6 24.8#

203 98.6 14.6 21.8#

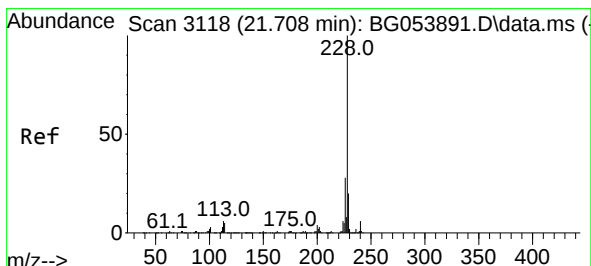
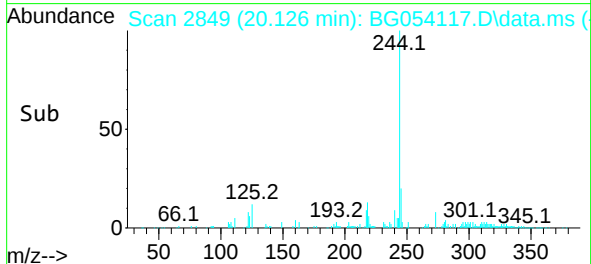
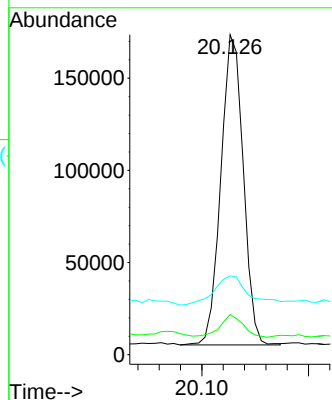
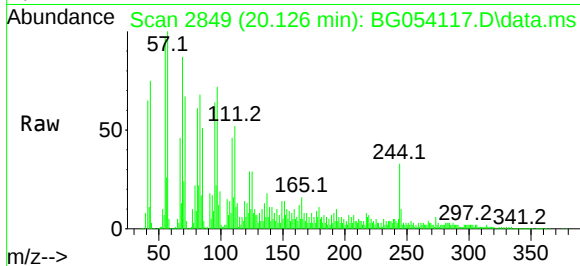




#79
 Terphenyl-d14
 Concen: 33.042 ng
 RT: 20.126 min Scan# 21
 Delta R.T. 0.082 min
 Lab File: BG054117.D
 Acq: 28 Jun 2022 14:03

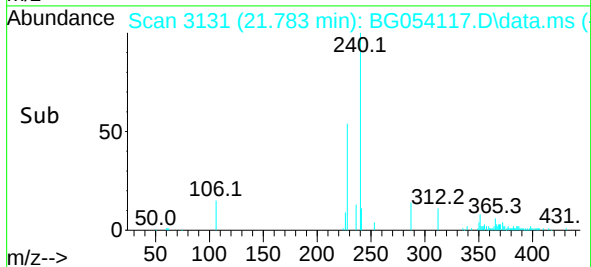
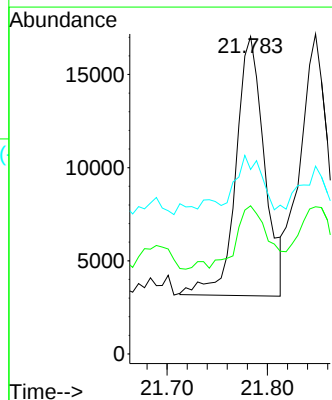
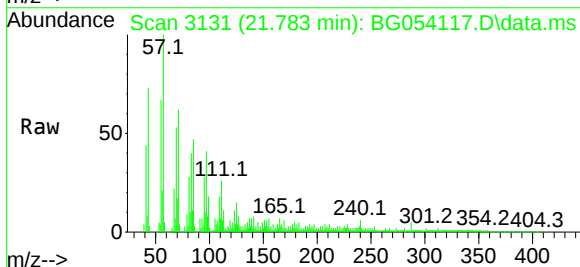
Instrument :
 BNA_G
 ClientSampleId :
 20071

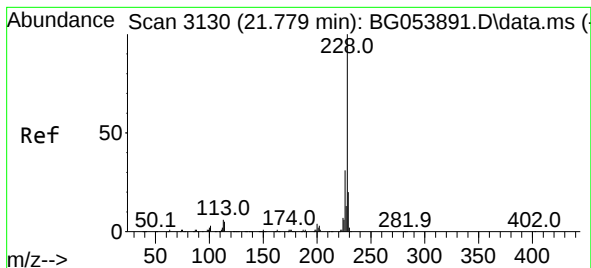
Tgt Ion:244 Resp: 244937
 Ion Ratio Lower Upper
 244 100
 212 12.5 6.5 9.7#
 122 24.7 5.0 7.4#



#81
 Benzo(a)anthracene
 Concen: 2.848 ng
 RT: 21.783 min Scan# 3131
 Delta R.T. 0.088 min
 Lab File: BG054117.D
 Acq: 28 Jun 2022 14:03

Tgt Ion:228 Resp: 27534
 Ion Ratio Lower Upper
 228 100
 226 46.7 21.6 32.4#
 229 58.1 16.2 24.2#





#83

Chrysene

Concen: 2.942 ng

RT: 21.848 min Scan# 3112

Delta R.T. 0.088 min

Lab File: BG054117.D

Acq: 28 Jun 2022 14:03

Instrument :

BNA_G

ClientSampleId :

20071

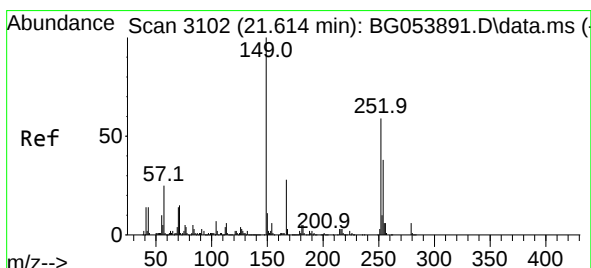
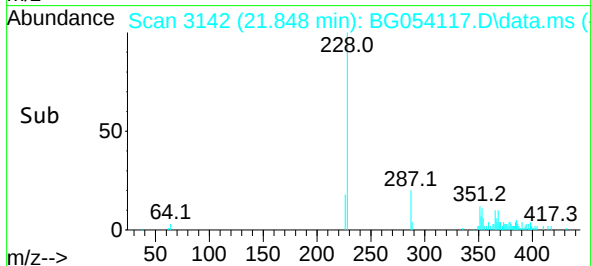
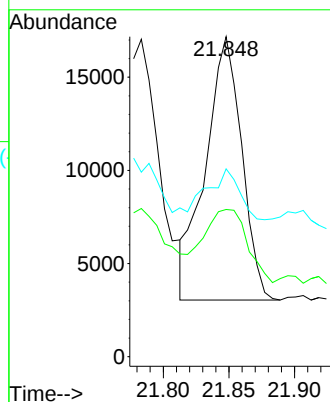
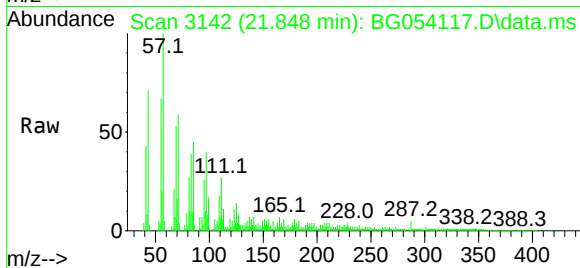
Tgt Ion:228 Resp: 27106

Ion Ratio Lower Upper

228 100

226 46.0 23.4 35.2#

229 58.7 15.5 23.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.884 ng

RT: 21.672 min Scan# 3112

Delta R.T. 0.070 min

Lab File: BG054117.D

Acq: 28 Jun 2022 14:03

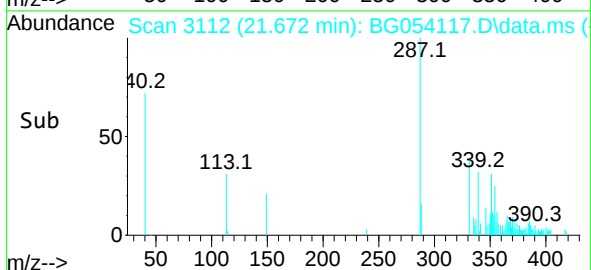
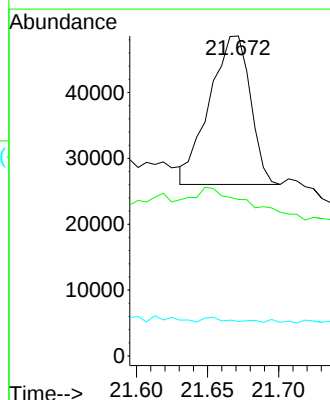
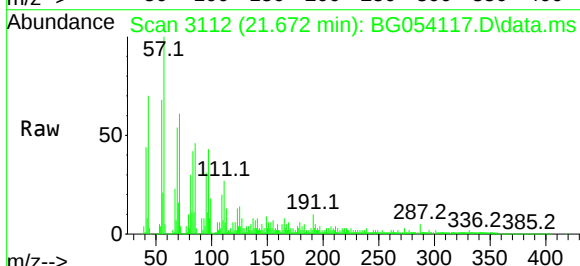
Tgt Ion:149 Resp: 44995

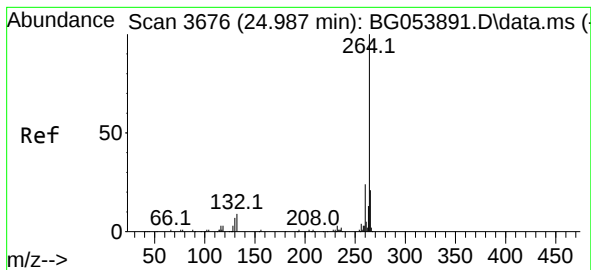
Ion Ratio Lower Upper

149 100

167 48.9 20.2 30.4#

279 10.8 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.074 min Scan# 3

Delta R.T. 0.111 min

Lab File: BG054117.D

Acq: 28 Jun 2022 14:03

Instrument :

BNA_G

ClientSampleId :

20071

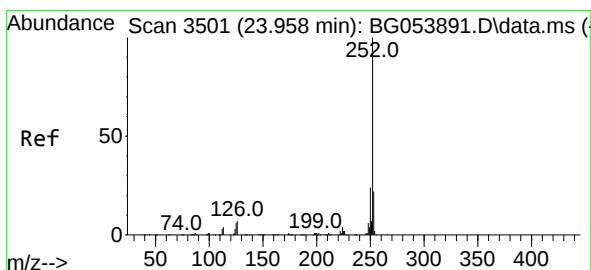
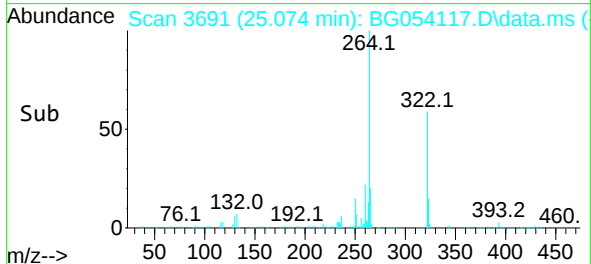
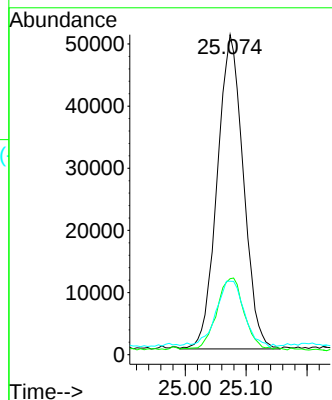
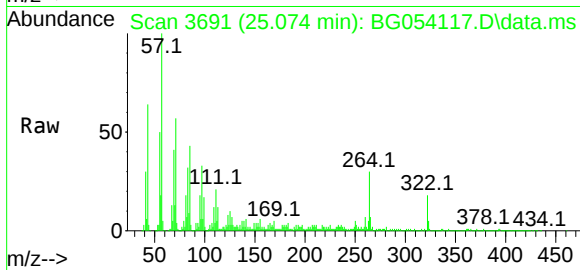
Tgt Ion:264 Resp: 150377

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 23.0 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.994 ng

RT: 24.034 min Scan# 3514

Delta R.T. 0.099 min

Lab File: BG054117.D

Acq: 28 Jun 2022 14:03

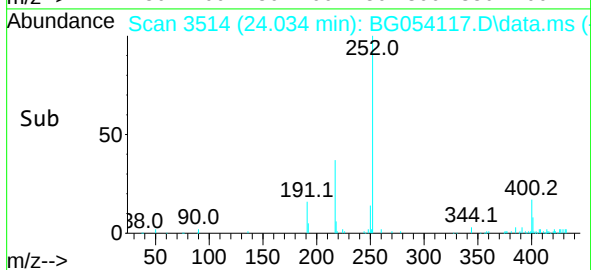
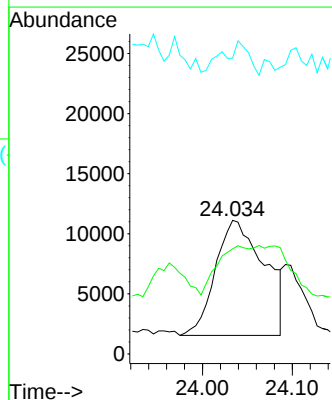
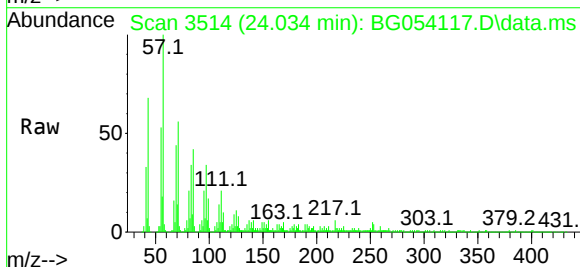
Tgt Ion:252 Resp: 36514

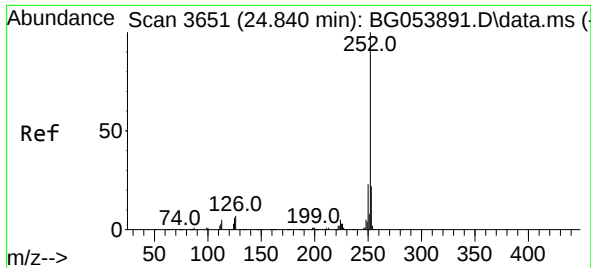
Ion Ratio Lower Upper

252 100

253 78.7 18.0 27.0#

125 221.5 4.6 6.8#





#90
Benzo(a)pyrene
Concen: 2.820 ng
RT: 24.927 min Scan# 30
Delta R.T. 0.111 min
Lab File: BG054117.D
Acq: 28 Jun 2022 14:03

Instrument :
BNA_G
ClientSampleId :
20071

Tgt Ion:252 Resp: 21755
Ion Ratio Lower Upper
252 100
253 55.8 17.8 26.8#
125 240.0 4.3 6.5#

