

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054129.D
 Acq On : 28 Jun 2022 22:47
 Operator : CG/JU
 Sample : N3488-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 29 00:51:01 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)

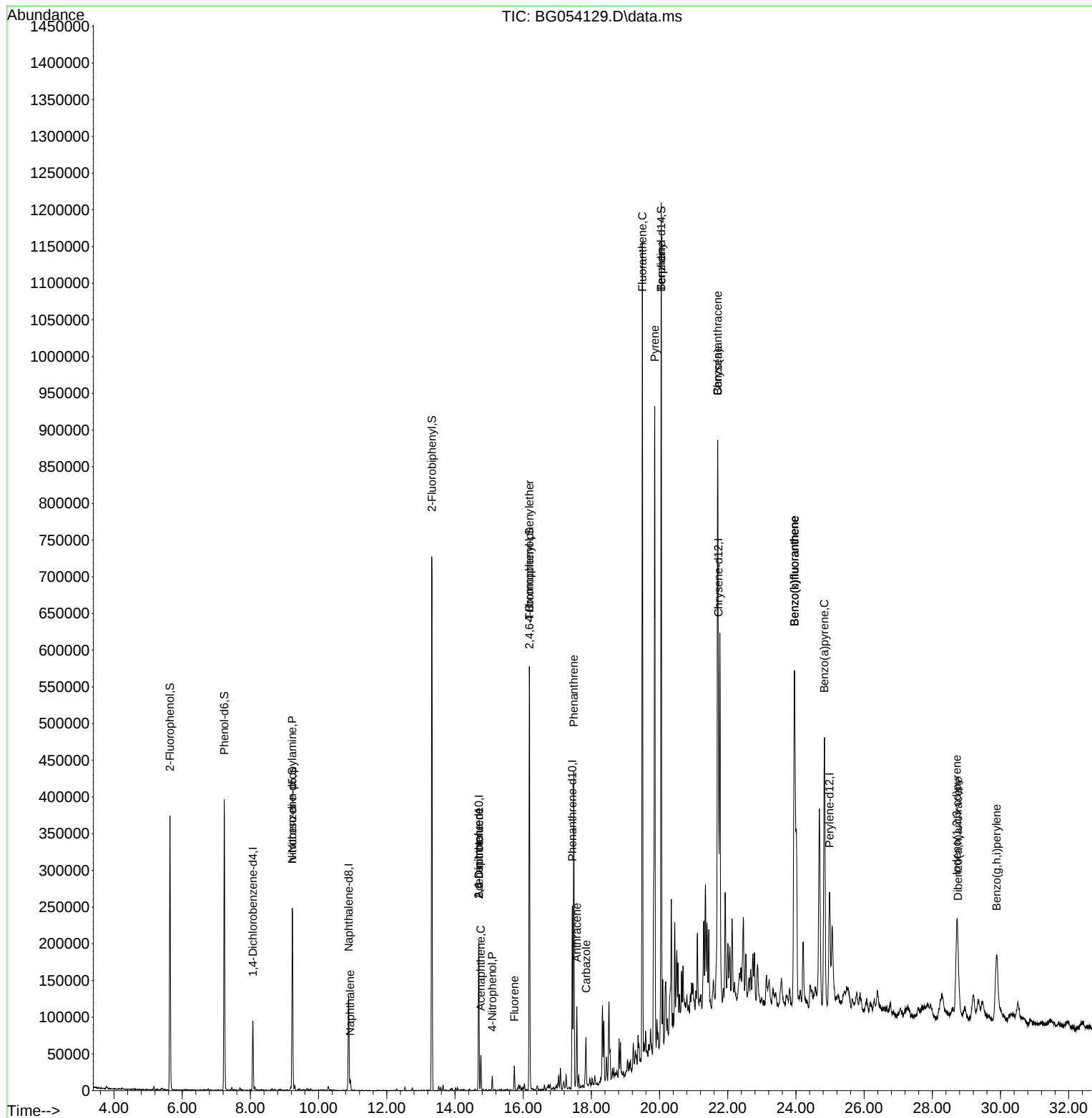
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	28226	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	116828	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	80143	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	177474	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	170807	20.000	ng	0.00
86) Perylene-d12	24.983	264	180204	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	178636	121.001	ng	0.00
7) Phenol-d6	7.233	99	240508	120.089	ng	0.00
23) Nitrobenzene-d5	9.230	82	159412	76.680	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	135134	104.947	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	417772	75.802	ng	0.00
79) Terphenyl-d14	20.047	244	646199	76.197	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.230	70	22077	16.408	ng	# 76
31) Naphthalene	10.929	128	13190	2.236	ng	98
51) 2,6-Dinitrotoluene	14.701	165	10914	8.850	ng	# 17
52) Acenaphthene	14.759	154	19418	4.336	ng	97
56) 4-Nitrophenol	15.094	139	4370	5.152	ng	# 1
57) 2,4-Dinitrotoluene	14.701	165	10914	6.267	ng	# 22
58) Fluorene	15.741	166	16554	2.794	ng	90
67) 4-Bromophenyl-phenylether	16.181	248	8554	3.859	ng	# 1
71) Phenanthrene	17.486	178	292955	32.129	ng	98
72) Anthracene	17.574	178	78360	8.800	ng	99
73) Carbazole	17.844	167	46615	6.099	ng	98
75) Fluoranthene	19.495	202	736058	61.494	ng	96
77) Benzidine	20.047	184	9298	2.629	ng	96
78) Pyrene	19.859	202	639969	62.035	ng	97
81) Benzo(a)anthracene	21.704	228	490169	44.321	ng	97
83) Chrysene	21.704	228	490169	46.497	ng	97
87) Indeno(1,2,3-cd)pyrene	28.719	276	254015	18.679	ng	# 96
88) Benzo(b)fluoranthene	23.954	252	646467	59.001	ng	97
89) Benzo(k)fluoranthene	23.954	252	646467	59.592	ng	98
90) Benzo(a)pyrene	24.836	252	447619	48.419	ng	# 96
91) Dibenzo(a,h)anthracene	28.755	278	71340	6.344	ng	# 89
92) Benzo(g,h,i)perylene	29.889	276	252303	22.735	ng	95

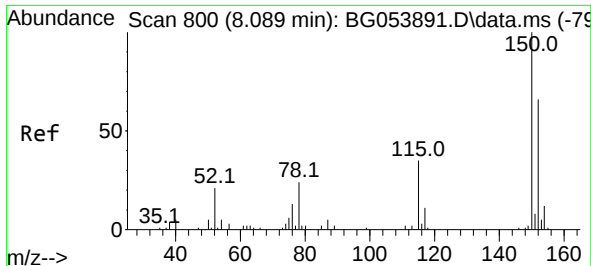
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054129.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :

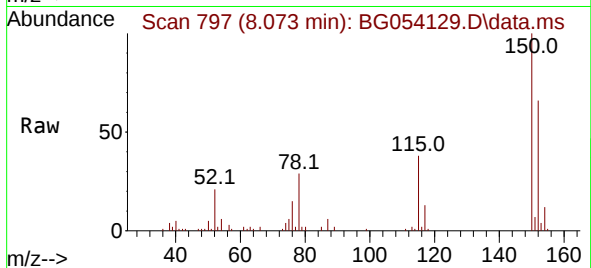
Quant Time: Jun 29 00:51:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
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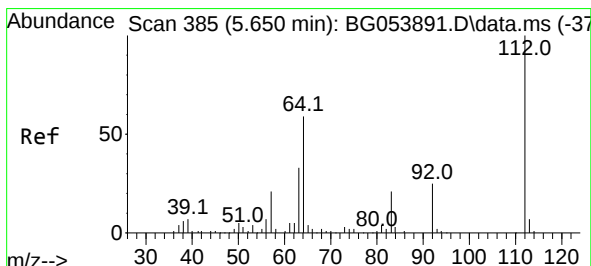
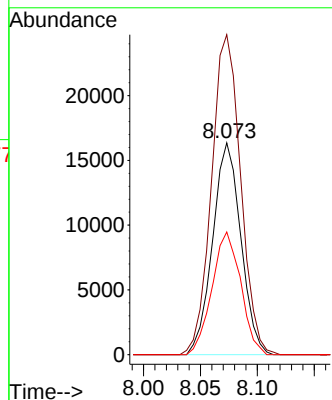
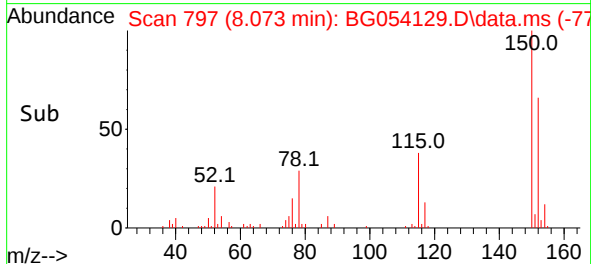


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.073 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

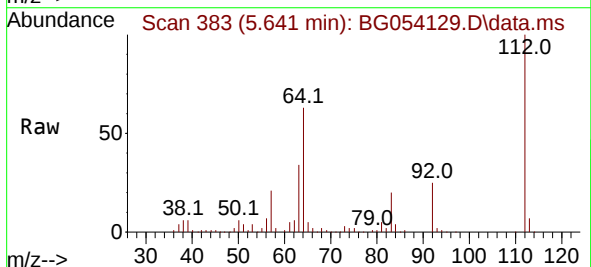
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 BNA_G
 ClientSampleId :



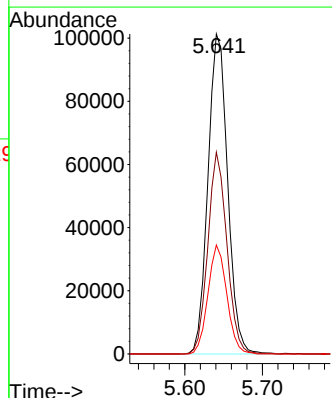
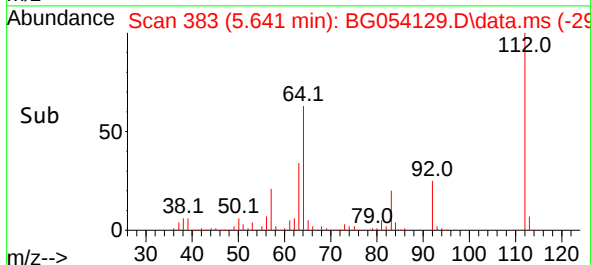
Tgt Ion:152 Resp: 28226
 Ion Ratio Lower Upper
 152 100
 150 151.0 131.6 197.4
 115 57.9 50.9 76.3

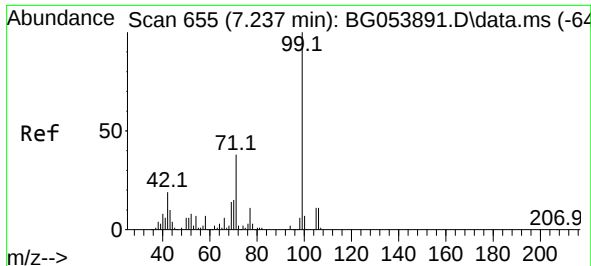


#5
 2-Fluorophenol
 Concen: 121.001 ng
 RT: 5.641 min Scan# 383
 Delta R.T. 0.003 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47



Tgt Ion:112 Resp: 178636
 Ion Ratio Lower Upper
 112 100
 64 63.0 55.1 82.7
 63 34.0 30.4 45.6

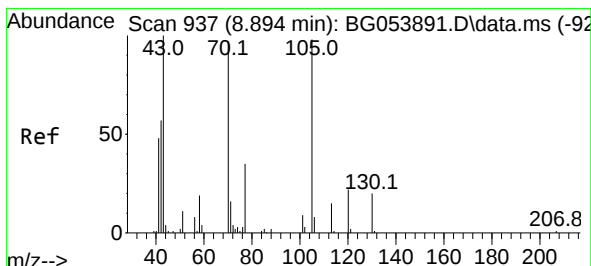
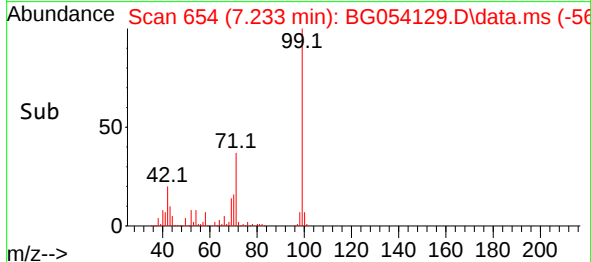
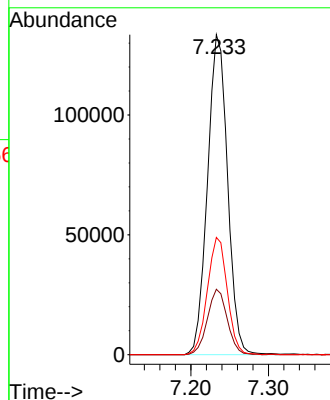
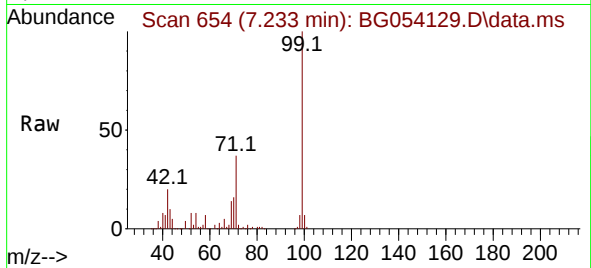




#7
Phenol-d6
Concen: 120.089 ng
RT: 7.233 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

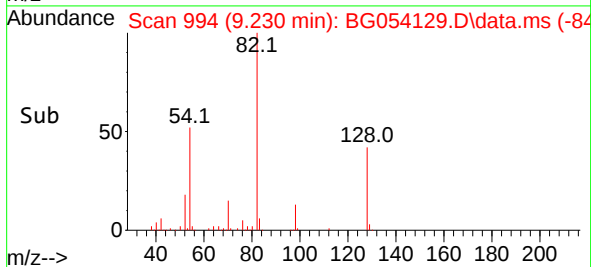
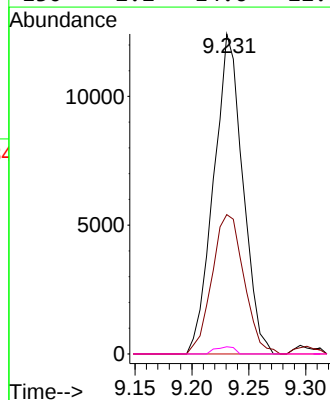
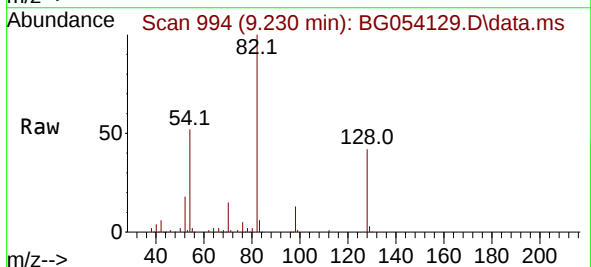
Instrument :
BNA_G
ClientSampleId :

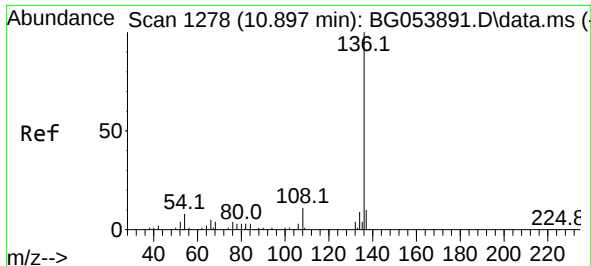
Tgt Ion: 99 Resp: 240508
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.408 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion: 70 Resp: 22077
Ion Ratio Lower Upper
70 100
42 43.5 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

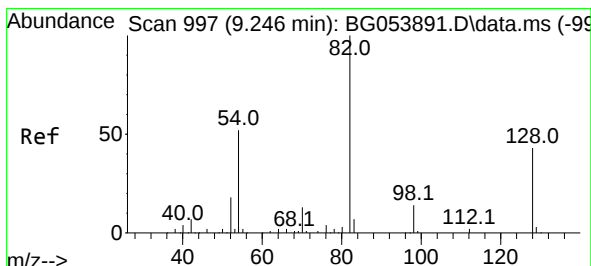
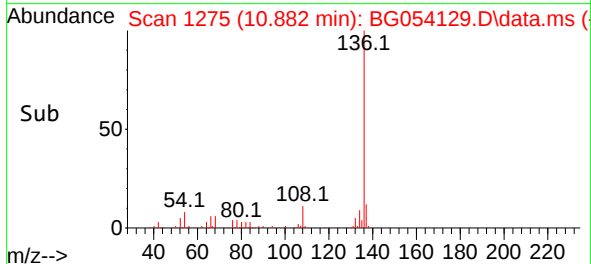
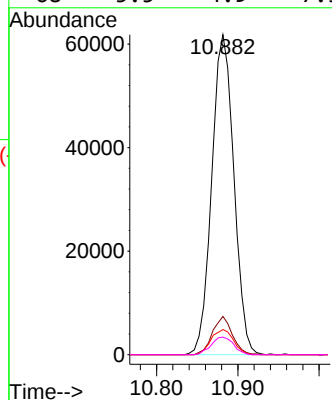
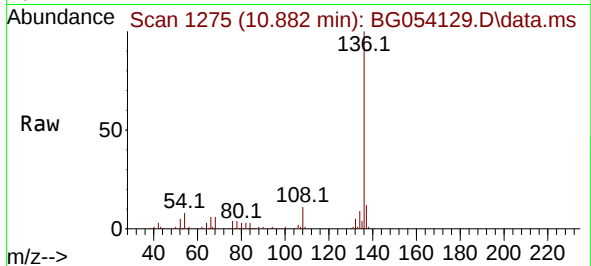




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

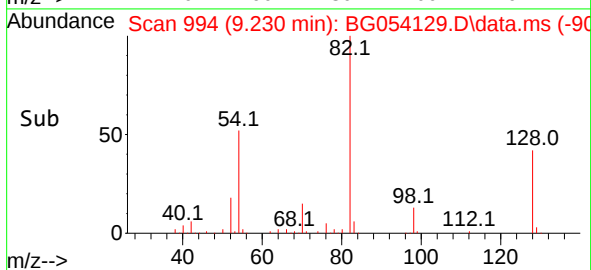
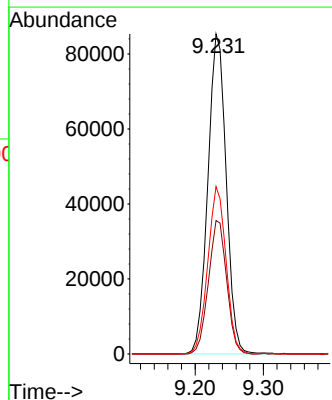
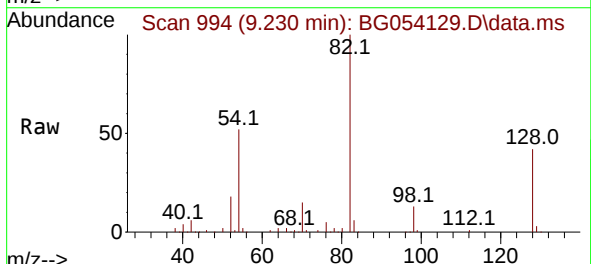
Instrument :
BNA_G
ClientSampleId :

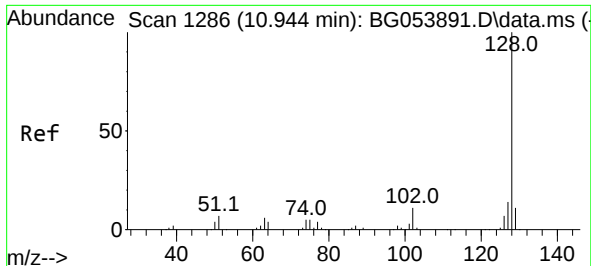
Tgt Ion:136	Resp: 116828
Ion Ratio	Lower Upper
136 100	
137 11.9	8.5 12.7
54 7.8	7.4 11.2
68 5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 76.680 ng
RT: 9.230 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

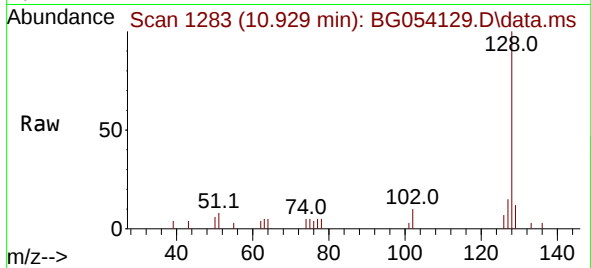
Tgt Ion: 82	Resp: 159412
Ion Ratio	Lower Upper
82 100	
128 41.7	27.9 41.9
54 52.3	41.2 61.8



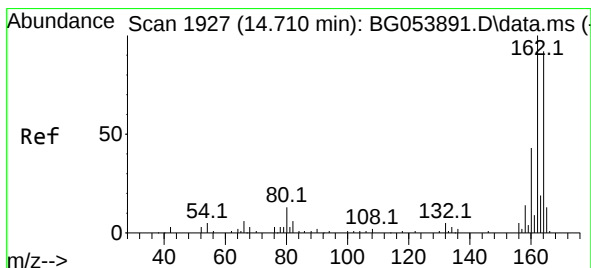
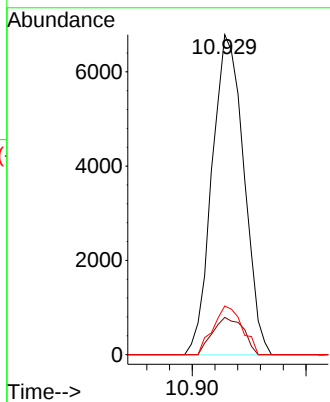
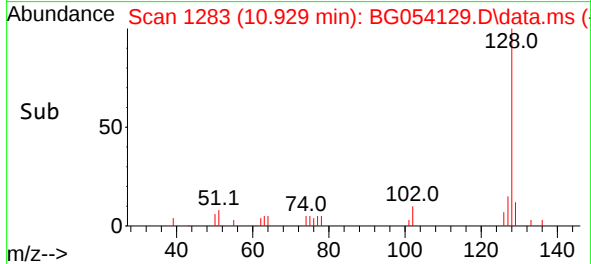


#31
Naphthalene
Concen: 2.236 ng
RT: 10.929 min Scan# 1283
Delta R.T. -0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

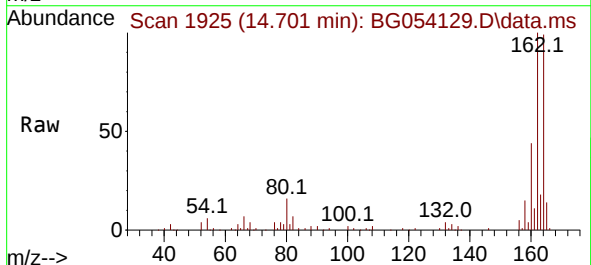
Instrument :
BNA_G
ClientSampleId :



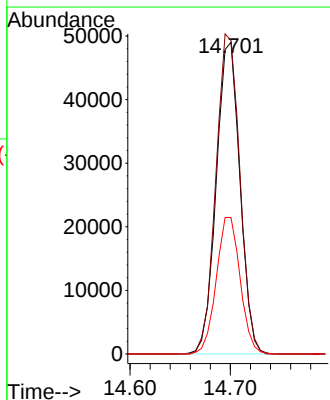
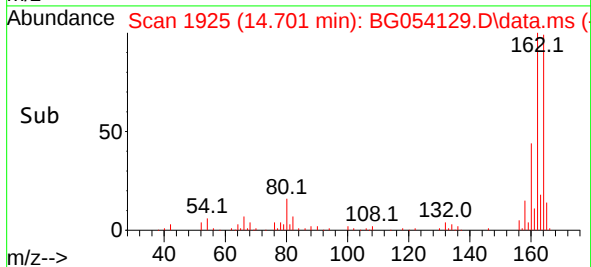
Tgt Ion:128 Resp: 13190
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 15.2 11.1 16.7

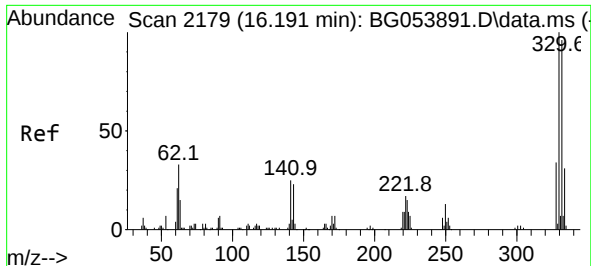


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47



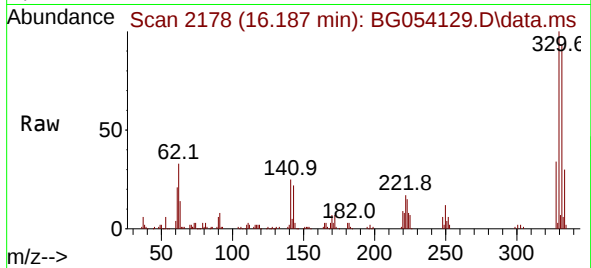
Tgt Ion:164 Resp: 80143
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 43.8 34.2 51.2



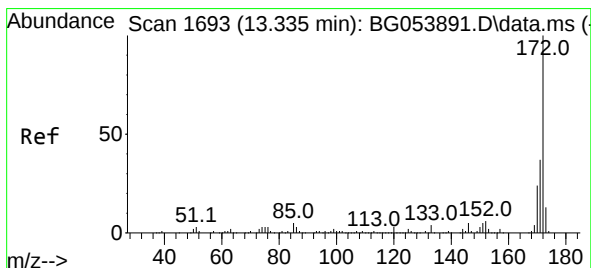
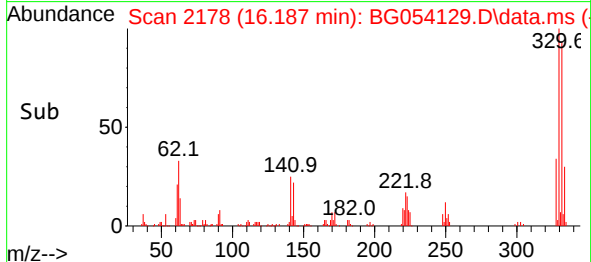
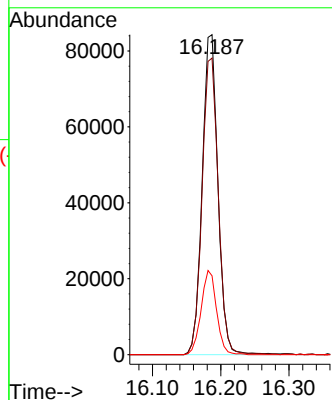


#42
2,4,6-Tribromophenol
Concen: 104.947 ng
RT: 16.187 min Scan# 2179
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Instrument :
BNA_G
ClientSampleId :

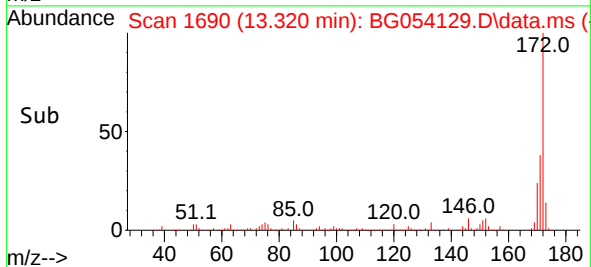
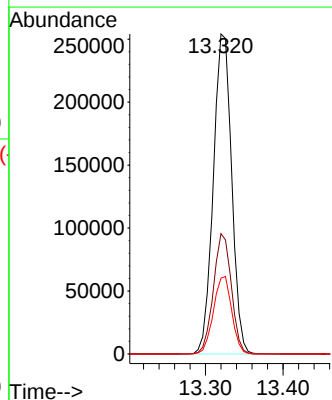
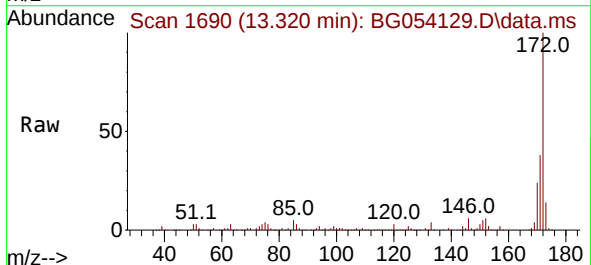


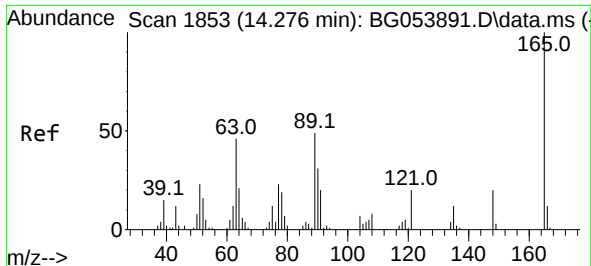
Tgt Ion:330 Resp: 135134
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 25.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 75.802 ng
RT: 13.320 min Scan# 1690
Delta R.T. -0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion:172 Resp: 417772
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 23.7 18.9 28.3

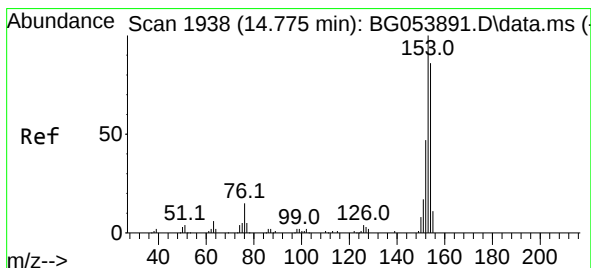
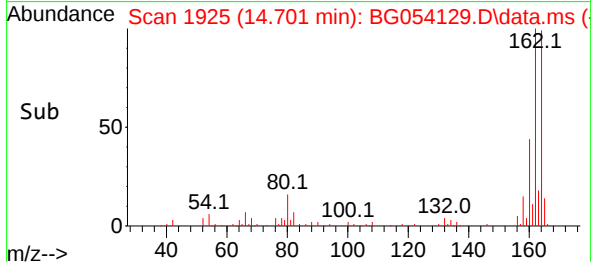
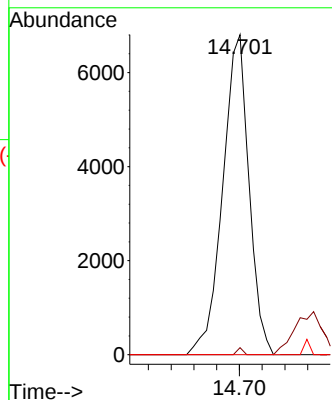
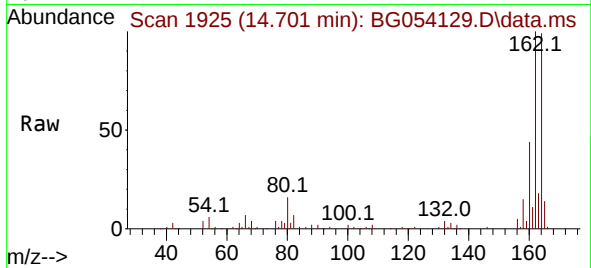




#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.437 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

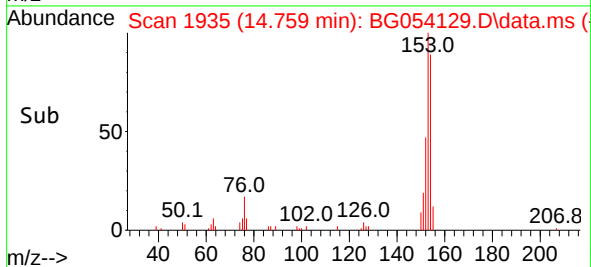
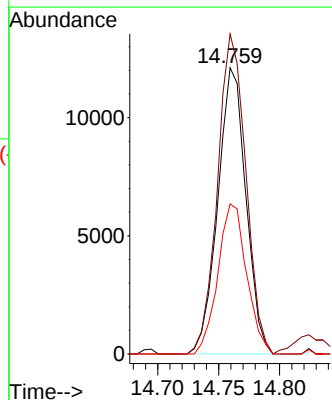
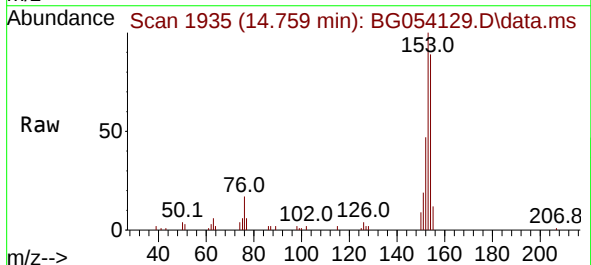
Instrument :
BNA_G
ClientSampleId :

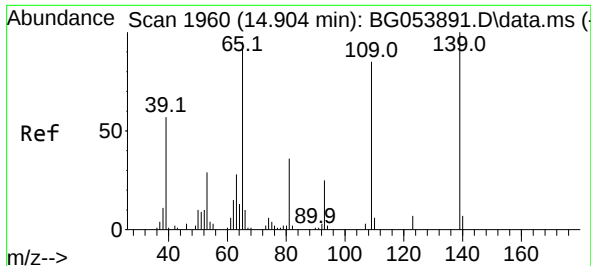
Tgt Ion:165 Resp: 10914
Ion Ratio Lower Upper
165 100
63 2.2 54.1 81.1#
89 0.0 54.8 82.2#



#52
Acenaphthene
Concen: 4.336 ng
RT: 14.759 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

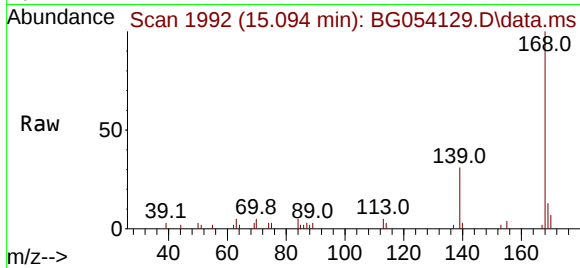
Tgt Ion:154 Resp: 19418
Ion Ratio Lower Upper
154 100
153 111.8 92.7 139.1
152 52.5 42.6 64.0



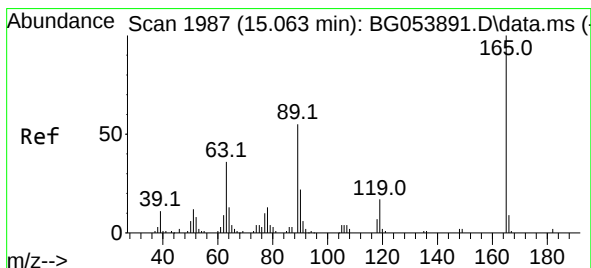
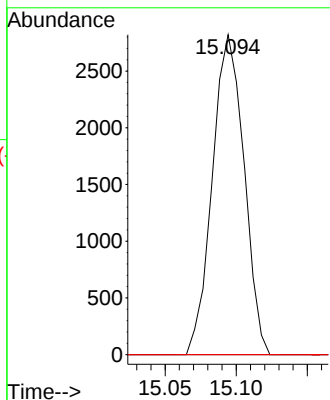
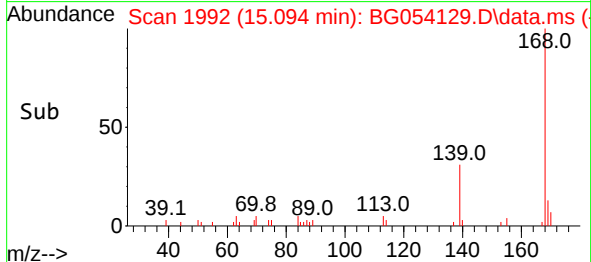


#56
4-Nitrophenol
Concen: 5.152 ng
RT: 15.094 min Scan# 1992
Delta R.T. 0.197 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

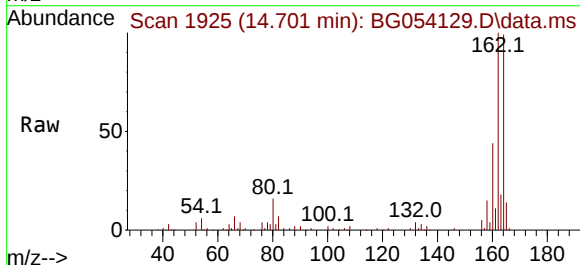
Instrument :
BNA_G
ClientSampleId :



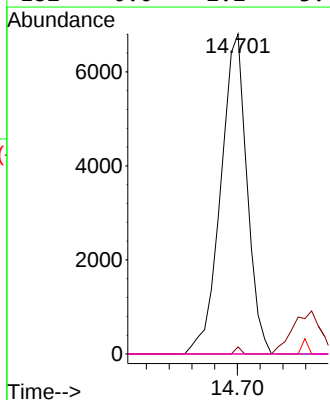
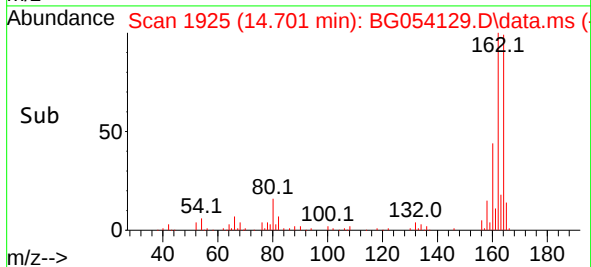
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Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 0.0 93.9 133.9#

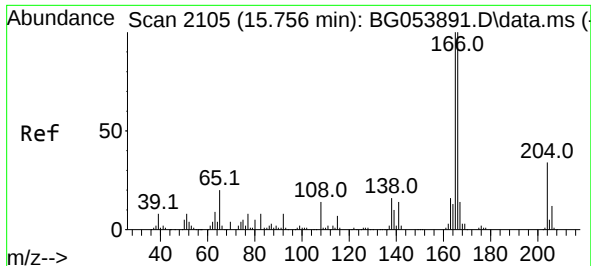


#57
2,4-Dinitrotoluene
Concen: 6.267 ng
RT: 14.701 min Scan# 1925
Delta R.T. -0.350 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47



Tgt Ion:165 Resp: 10914
Ion Ratio Lower Upper
165 100
63 2.2 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

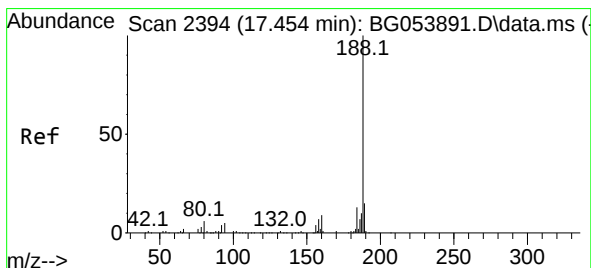
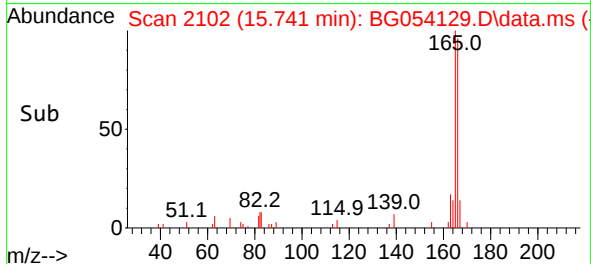
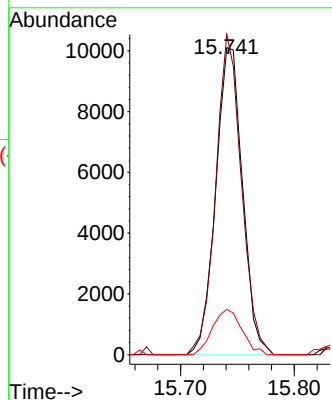
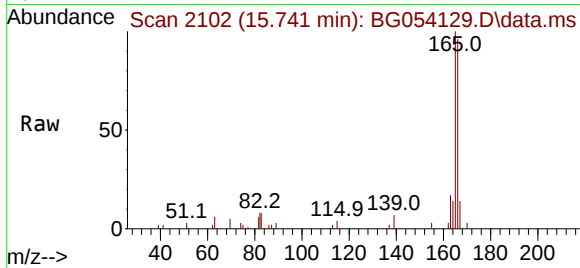




#58
Fluorene
Concen: 2.794 ng
RT: 15.741 min Scan# 2105
Delta R.T. -0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

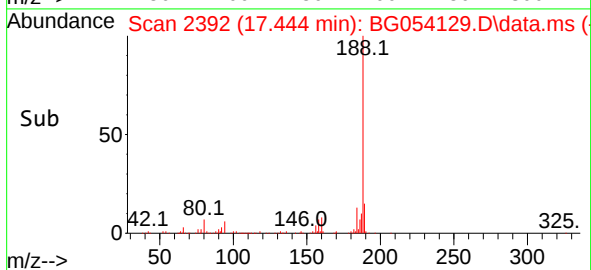
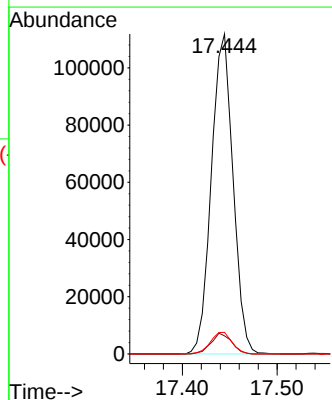
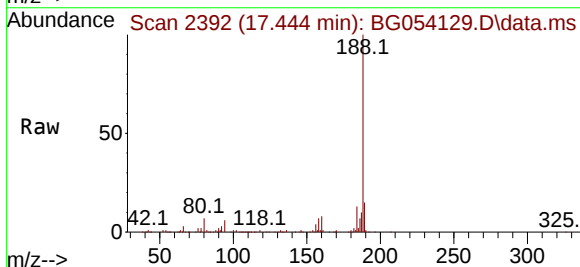
Instrument :
BNA_G
ClientSampleId :

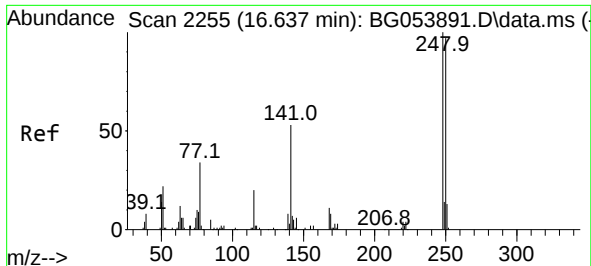
Tgt Ion:166 Resp: 16554
Ion Ratio Lower Upper
166 100
165 104.2 75.0 112.6
167 14.7 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 2392
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion:188 Resp: 177474
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.8 6.8 10.2#

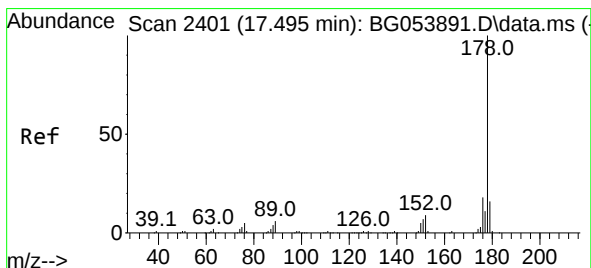
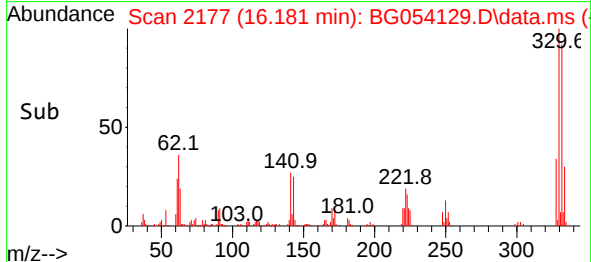
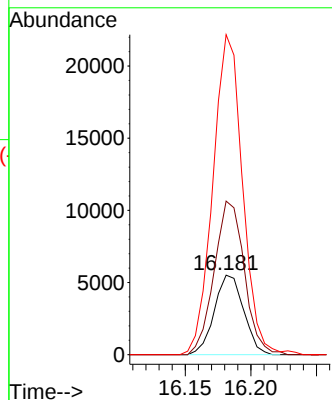
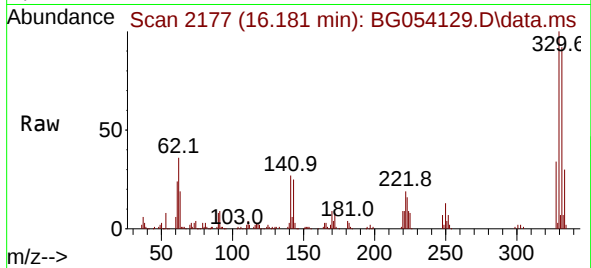




#67
4-Bromophenyl-phenylether
Concen: 3.859 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.444 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

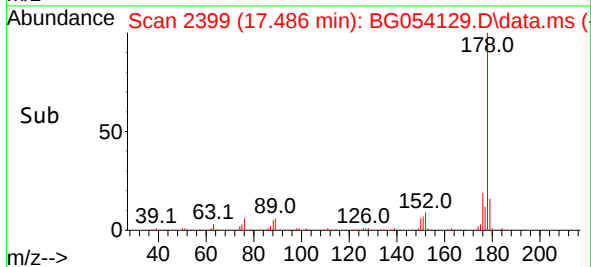
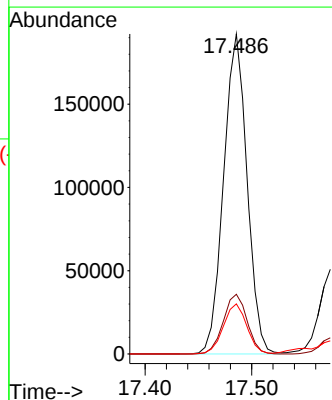
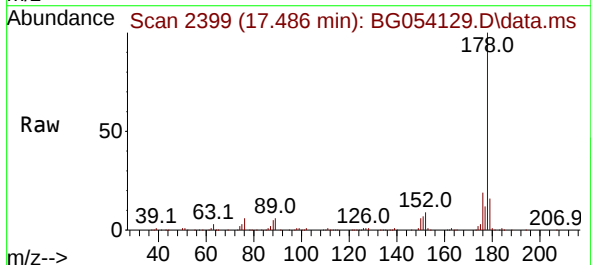
Instrument :
BNA_G
ClientSampleId :

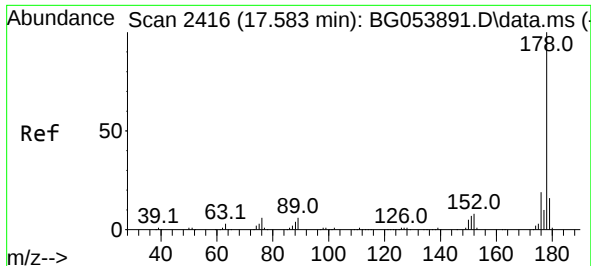
Tgt Ion:248 Resp: 8554
Ion Ratio Lower Upper
248 100
250 192.0 75.2 112.8#
141 305.0 50.0 75.0#



#71
Phenanthrene
Concen: 32.129 ng
RT: 17.486 min Scan# 2399
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion:178 Resp: 292955
Ion Ratio Lower Upper
178 100
176 18.6 14.1 21.1
179 15.7 12.1 18.1

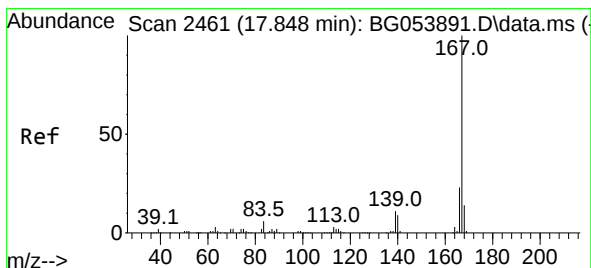
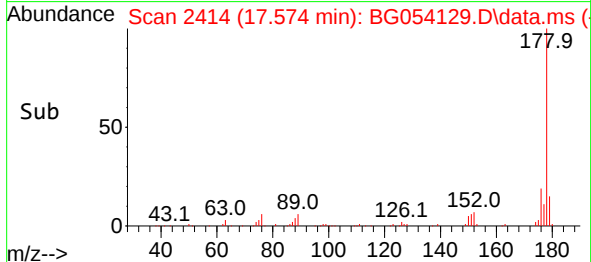
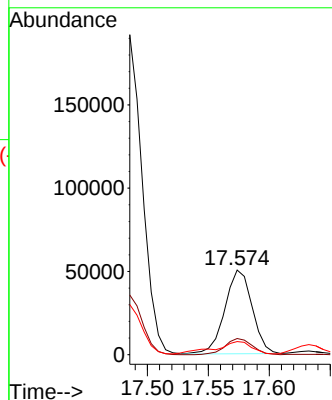
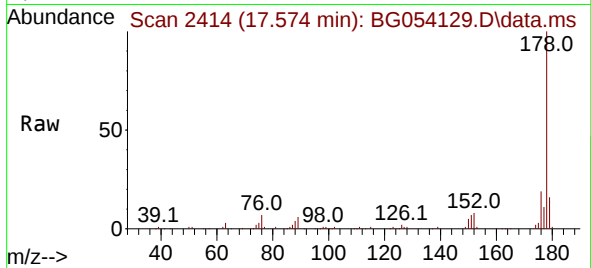




#72
 Anthracene
 Concen: 8.800 ng
 RT: 17.574 min Scan# 2414
 Delta R.T. -0.003 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

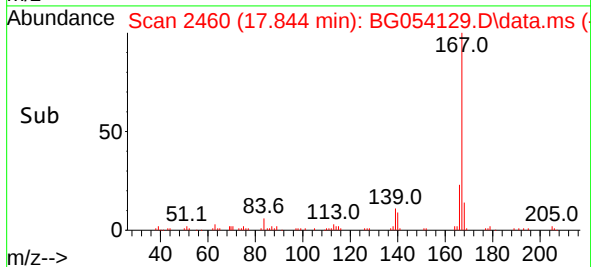
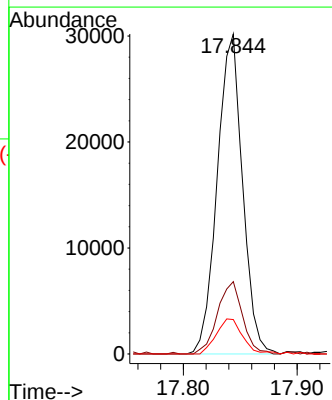
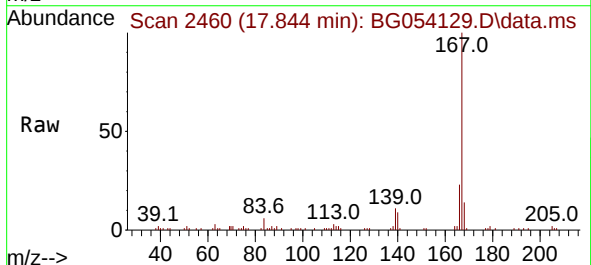
Instrument :
 BNA_G
 ClientSampleId :

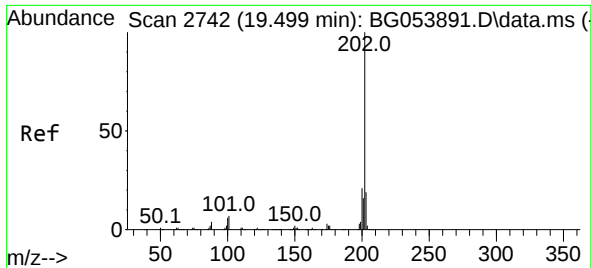
Tgt Ion:178 Resp: 78360
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.6 13.0 19.4



#73
 Carbazole
 Concen: 6.099 ng
 RT: 17.844 min Scan# 2460
 Delta R.T. 0.003 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

Tgt Ion:167 Resp: 46615
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 10.8 10.1 15.1

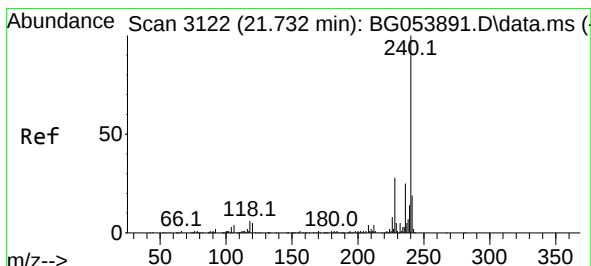
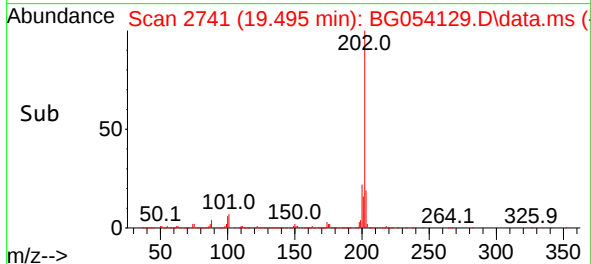
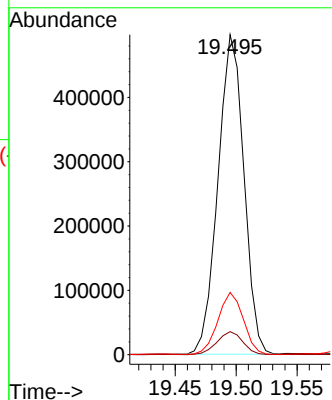
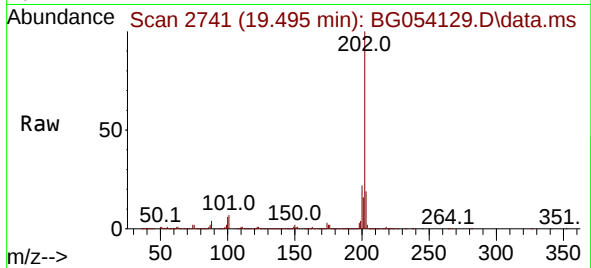




#75
Fluoranthene
Concen: 61.494 ng
RT: 19.495 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

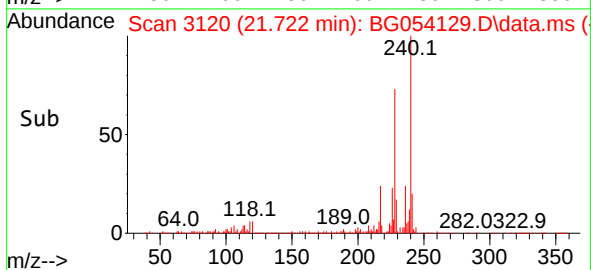
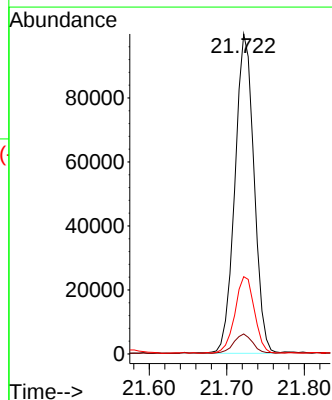
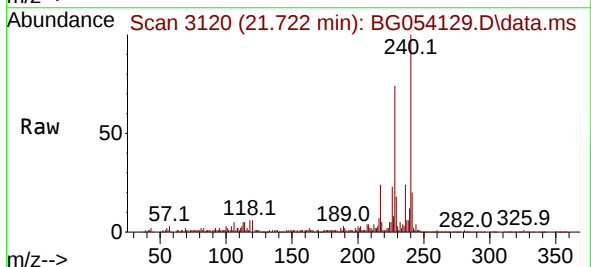
Instrument :
BNA_G
ClientSampleId :

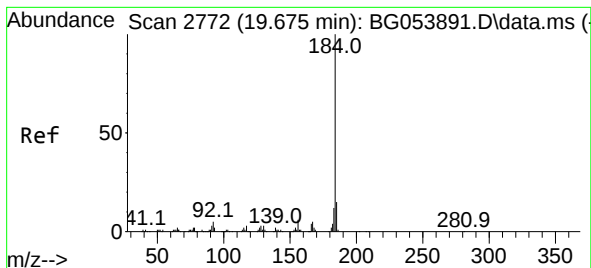
Tgt Ion:202 Resp: 736058
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.9
203 19.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion:240 Resp: 170807
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.1 20.2 30.4





#77

Benzidine

Concen: 2.629 ng

RT: 20.047 min Scan# 2835

Delta R.T. 0.385 min

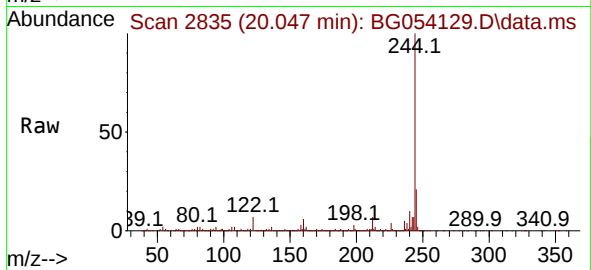
Lab File: BG054129.D

Acq: 28 Jun 2022 22:47

Instrument :

BNA_G

ClientSampleId :



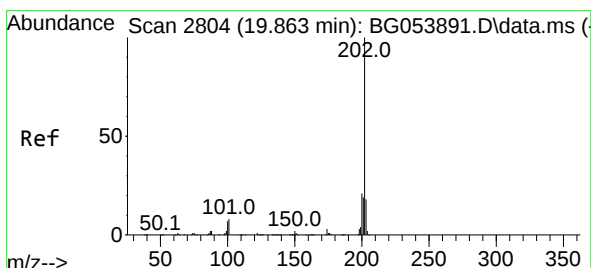
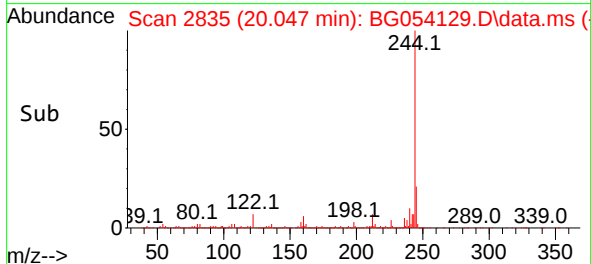
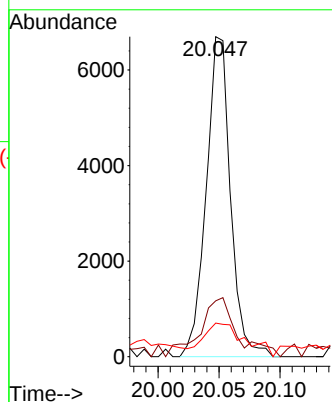
Tgt Ion:184 Resp: 9298

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.6

183 10.5 8.9 13.3



#78

Pyrene

Concen: 62.035 ng

RT: 19.859 min Scan# 2803

Delta R.T. 0.009 min

Lab File: BG054129.D

Acq: 28 Jun 2022 22:47

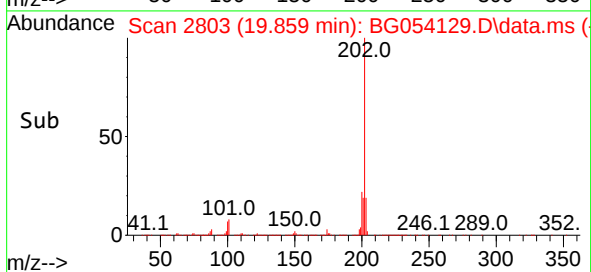
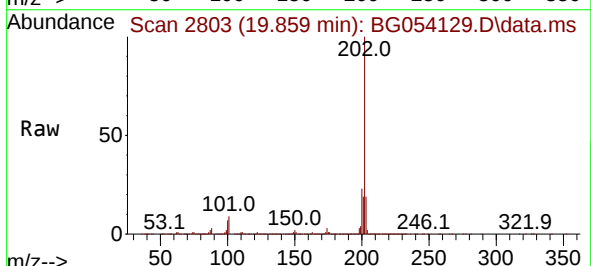
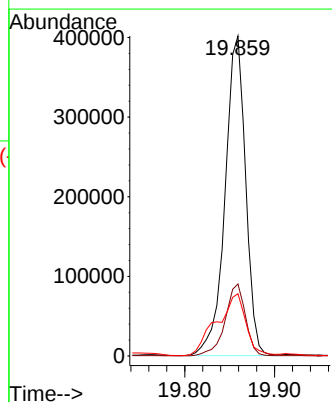
Tgt Ion:202 Resp: 639969

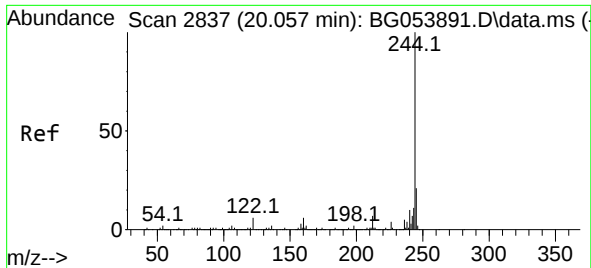
Ion Ratio Lower Upper

202 100

200 22.5 16.6 24.8

203 19.4 14.6 21.8

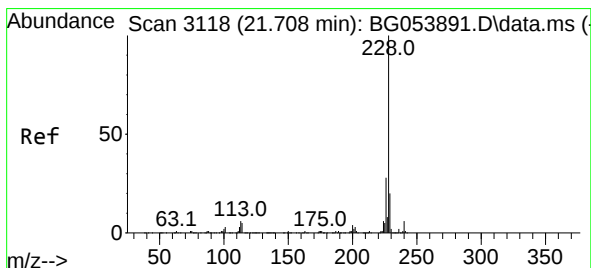
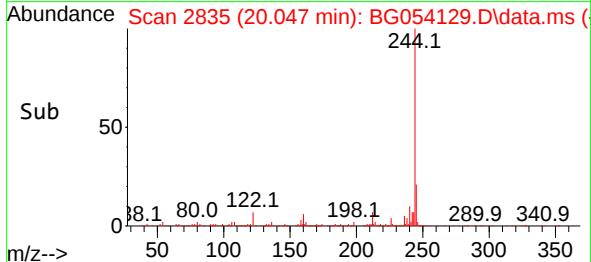
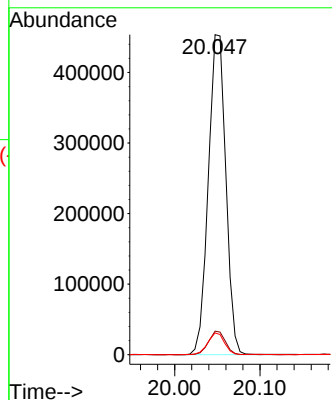
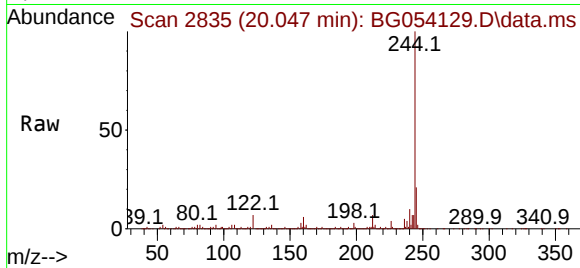




#79
 Terphenyl-d14
 Concen: 76.197 ng
 RT: 20.047 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

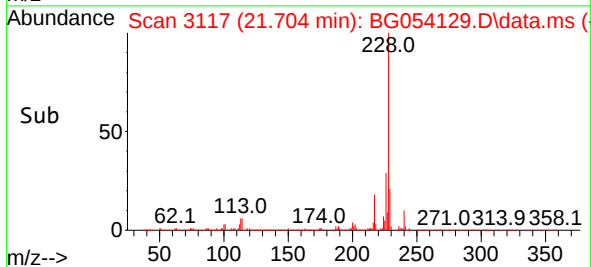
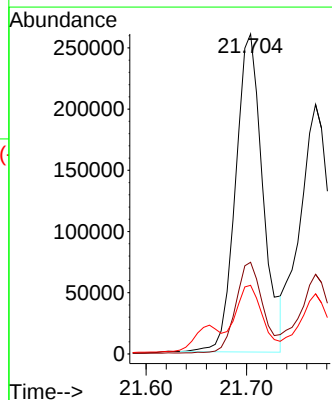
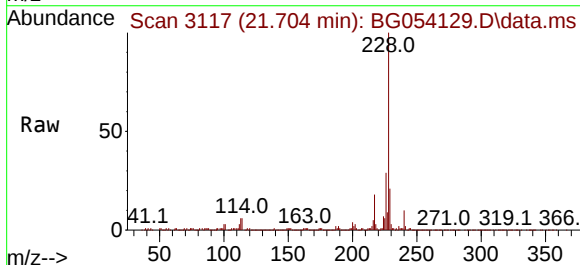
Instrument :
 BNA_G
 ClientSampleId :

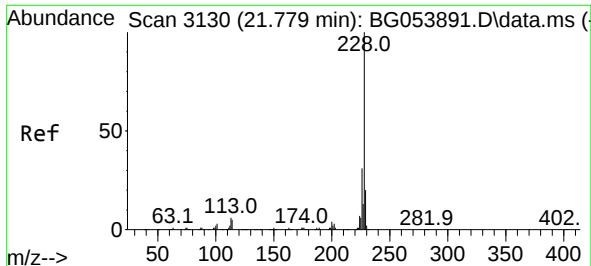
Tgt Ion:244 Resp: 646199
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.8 5.0 7.4



#81
 Benzo(a)anthracene
 Concen: 44.321 ng
 RT: 21.704 min Scan# 3117
 Delta R.T. 0.009 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

Tgt Ion:228 Resp: 490169
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.6 32.4
 229 21.4 16.2 24.2

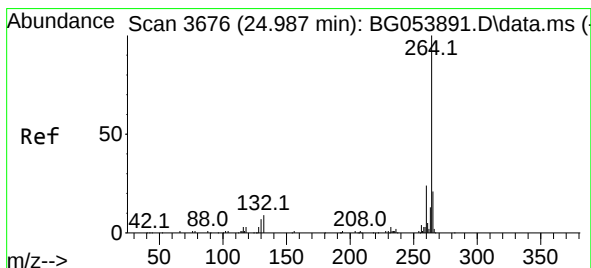
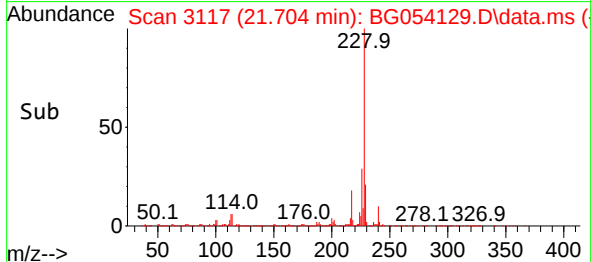
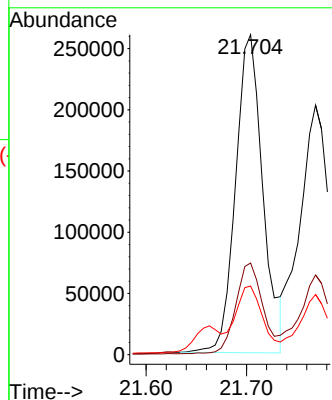
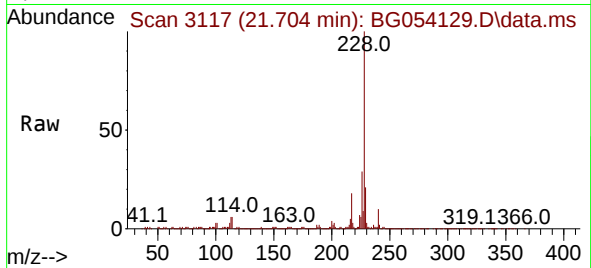




#83
Chrysene
Concen: 46.497 ng
RT: 21.704 min Scan# 31
Delta R.T. -0.056 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

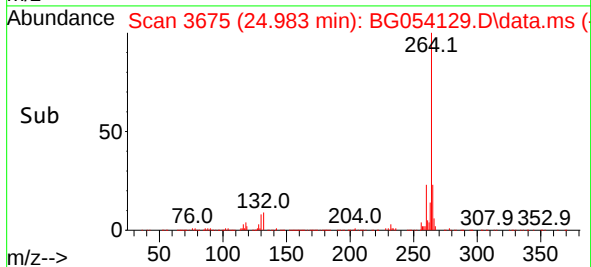
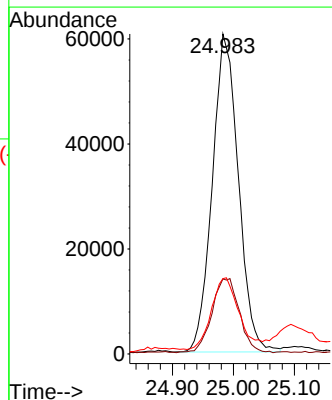
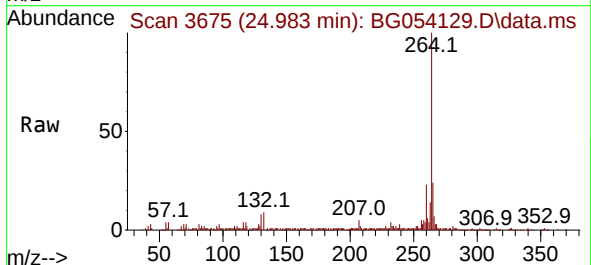
Instrument :
BNA_G
ClientSampleId :

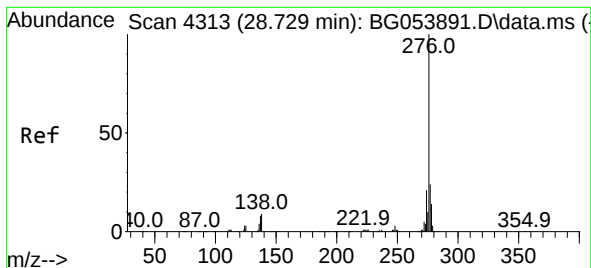
Tgt Ion:228 Resp: 490169
Ion Ratio Lower Upper
228 100
226 28.6 23.4 35.2
229 21.4 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3675
Delta R.T. 0.020 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion:264 Resp: 180204
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 23.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.679 ng

RT: 28.719 min Scan# 41

Delta R.T. 0.032 min

Lab File: BG054129.D

Acq: 28 Jun 2022 22:47

Instrument :

BNA_G

ClientSampleId :

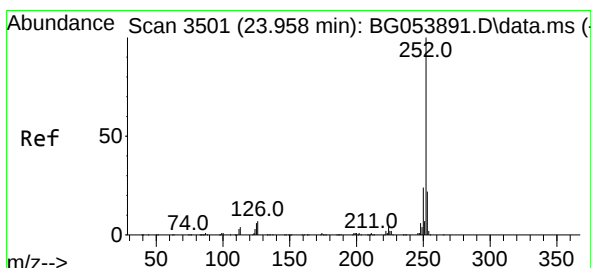
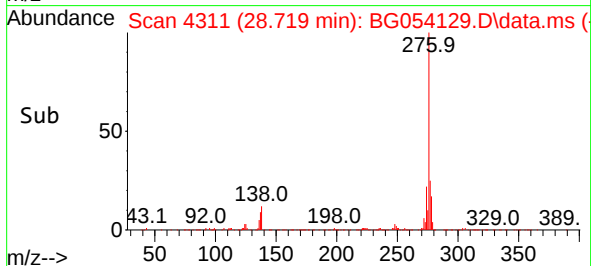
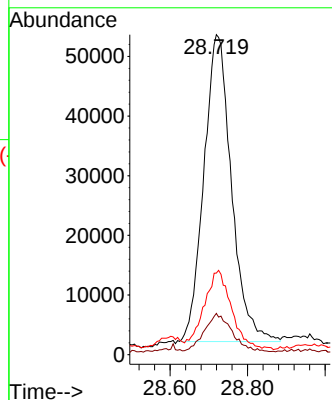
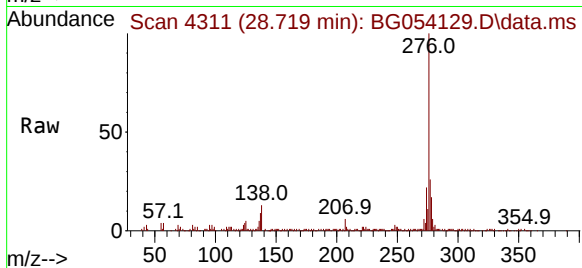
Tgt Ion:276 Resp: 254015

Ion Ratio Lower Upper

276 100

138 11.6 5.0 7.4#

277 24.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 59.001 ng

RT: 23.954 min Scan# 3500

Delta R.T. 0.020 min

Lab File: BG054129.D

Acq: 28 Jun 2022 22:47

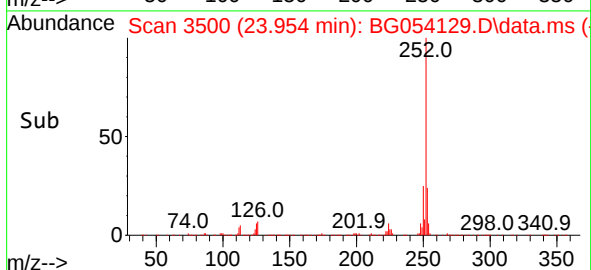
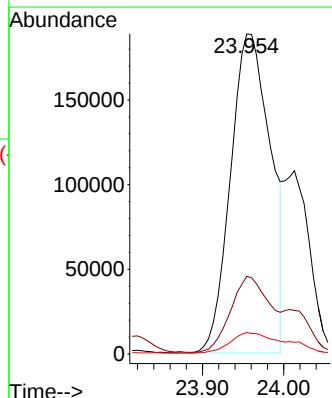
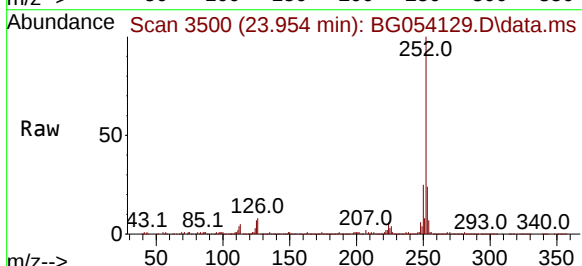
Tgt Ion:252 Resp: 646467

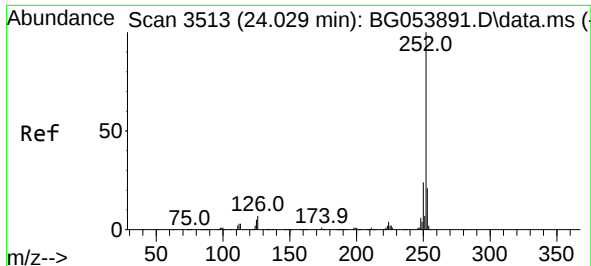
Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

125 6.7 4.6 6.8

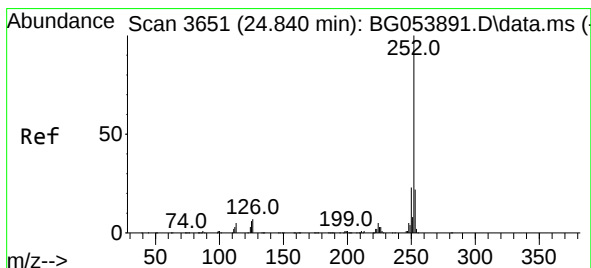
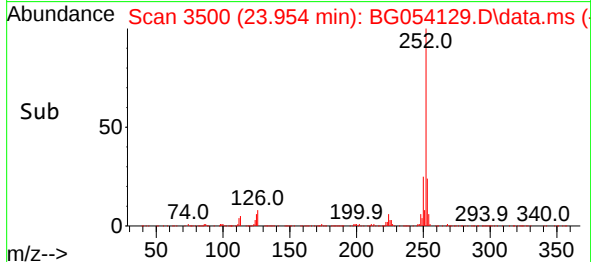
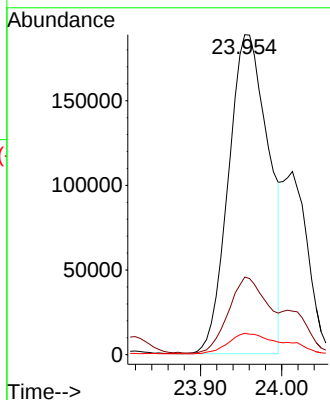
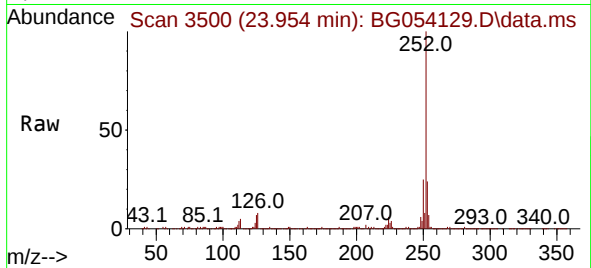




#89
Benzo(k)fluoranthene
Concen: 59.592 ng
RT: 23.954 min Scan# 31
Delta R.T. -0.050 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

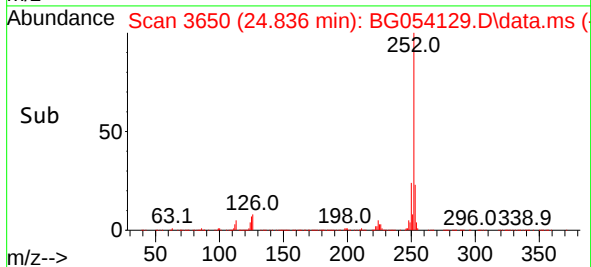
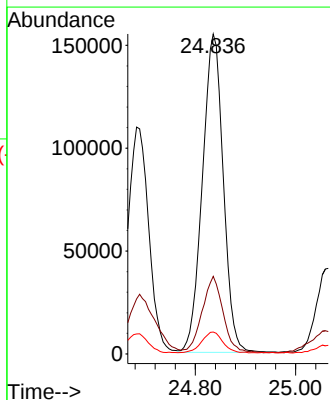
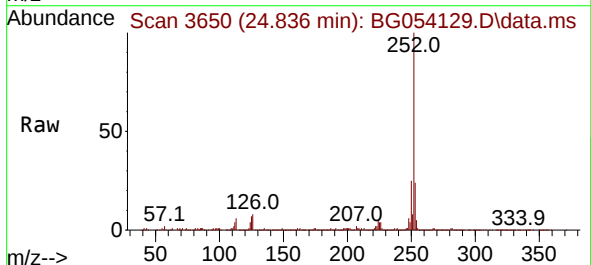
Instrument :
BNA_G
ClientSampleId :

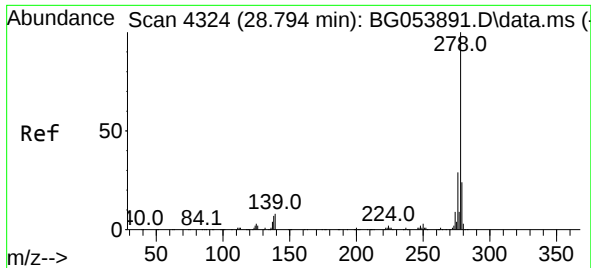
Tgt Ion:252 Resp: 646467
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 6.7 4.8 7.2



#90
Benzo(a)pyrene
Concen: 48.419 ng
RT: 24.836 min Scan# 3650
Delta R.T. 0.020 min
Lab File: BG054129.D
Acq: 28 Jun 2022 22:47

Tgt Ion:252 Resp: 447619
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 6.9 4.3 6.5#

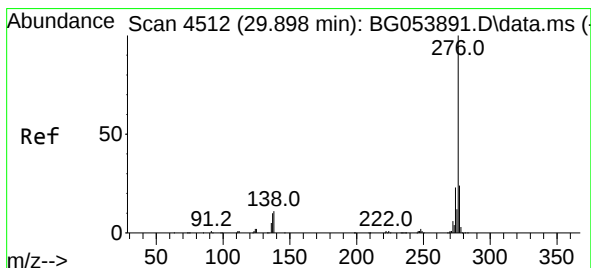
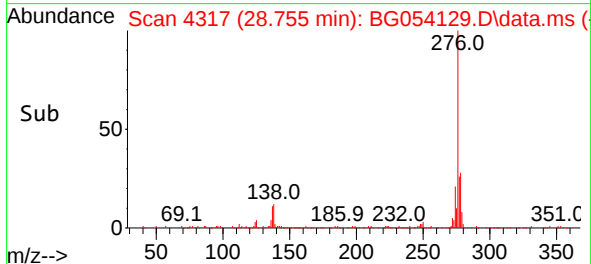
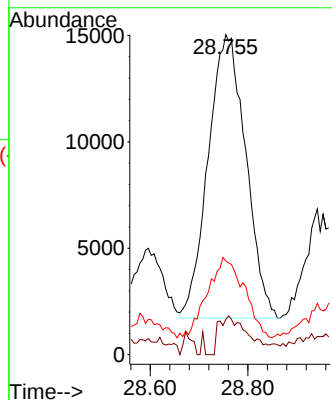
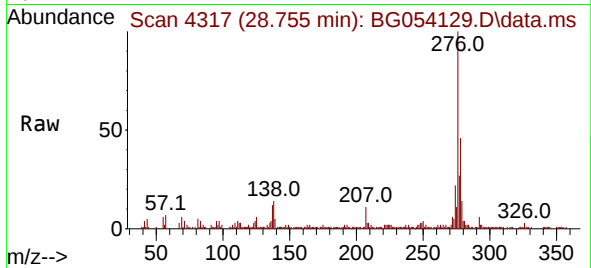




#91
 Dibenzo(a,h)anthracene
 Concen: 6.344 ng
 RT: 28.755 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 71340
 Ion Ratio Lower Upper
 278 100
 139 11.1 7.2 10.8#
 279 29.3 18.6 27.8#



#92
 Benzo(g,h,i)perylene
 Concen: 22.735 ng
 RT: 29.889 min Scan# 4510
 Delta R.T. 0.026 min
 Lab File: BG054129.D
 Acq: 28 Jun 2022 22:47

Tgt Ion:276 Resp: 252303
 Ion Ratio Lower Upper
 276 100
 277 24.7 17.3 25.9
 138 12.5 9.6 14.4

