

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054986.D
 Acq On : 20 Sep 2022 14:39
 Operator : CG/JU
 Sample : N4665-02DL3 200X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 15:12:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

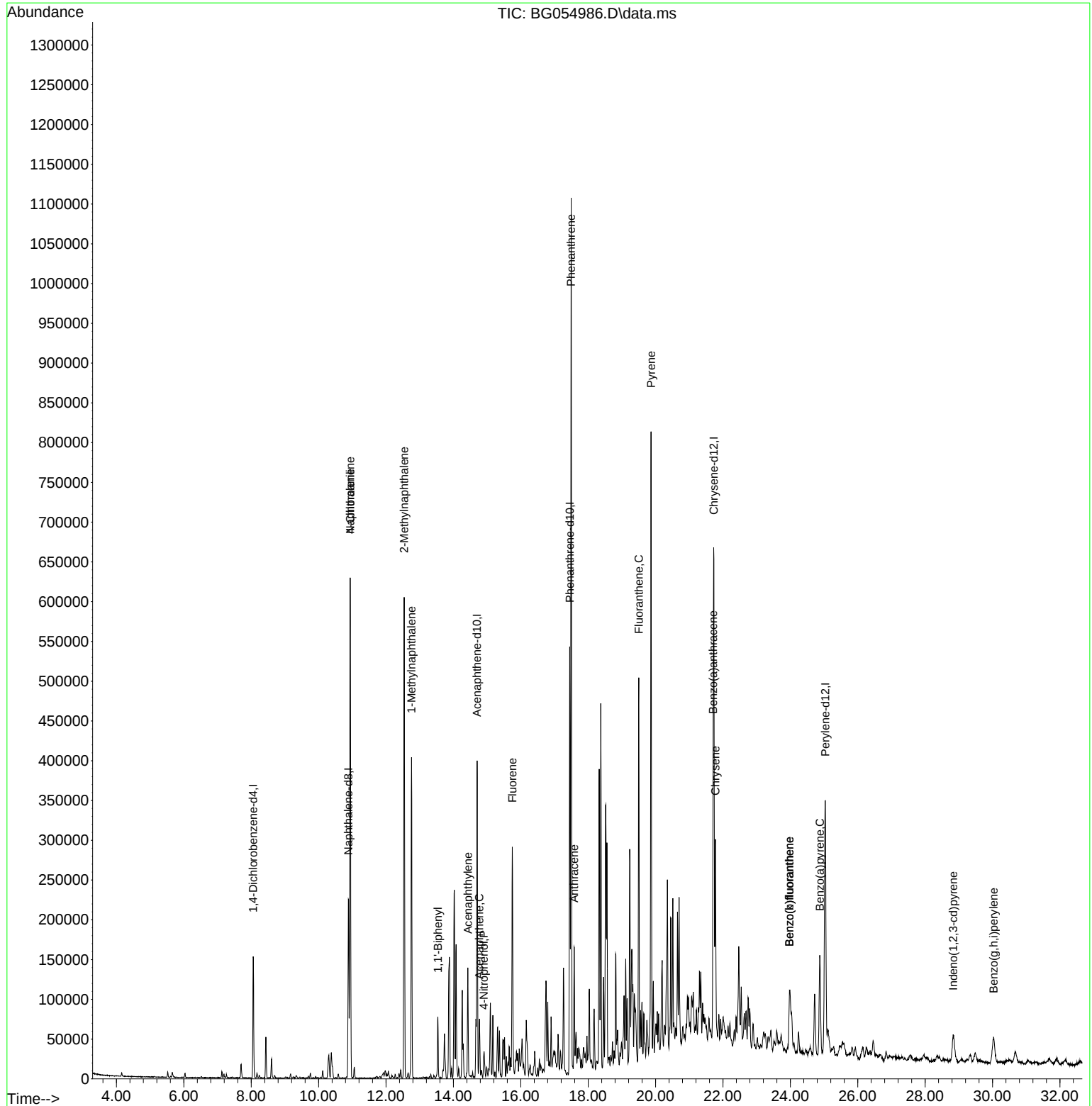
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	49135	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	212242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	147608	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	344142	20.000	ng	0.00
76) Chrysene-d12	21.730	240	340543	20.000	ng	0.00
86) Perylene-d12	25.038	264	360559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	849	0.338	ng	0.00
7) Phenol-d6	7.236	99	1119	0.332	ng	0.01
23) Nitrobenzene-d5	9.245	82	613	0.167	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	293	0.169	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	2500	0.267	ng	0.00
79) Terphenyl-d14	20.050	244	4626	0.284	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.937	128	574205	51.740	ng	99
33) 4-Chloroaniline	10.937	127	77611	17.161	ng	# 31
37) 2-Methylnaphthalene	12.541	142	309934	39.201	ng	99
38) 1-Methylnaphthalene	12.758	142	201780	26.095	ng	98
46) 1,1'-Biphenyl	13.540	154	44519	4.470	ng	98
49) Acenaphthylene	14.433	152	50530	3.841	ng	# 90
52) Acenaphthene	14.768	154	21958	2.709	ng	95
56) 4-Nitrophenol	14.903	139	1447	5.005	ng	# 6
58) Fluorene	15.749	166	134352	12.430	ng	99
71) Phenanthrene	17.494	178	693999	39.597	ng	99
72) Anthracene	17.582	178	109008	6.376	ng	99
75) Fluoranthene	19.503	202	284488	12.816	ng	98
78) Pyrene	19.868	202	484490	21.642	ng	99
81) Benzo(a)anthracene	21.707	228	185559	8.472	ng	97
83) Chrysene	21.777	228	176871	8.436	ng	99
87) Indeno(1,2,3-cd)pyrene	28.834	276	57538	2.147	ng	# 86
88) Benzo(b)fluoranthene	23.975	252	119342	5.612	ng	99
89) Benzo(k)fluoranthene	23.975	252	119342	5.559	ng	99
90) Benzo(a)pyrene	24.874	252	142702	7.793	ng	99
92) Benzo(g,h,i)perylene	30.032	276	67207	3.021	ng	95

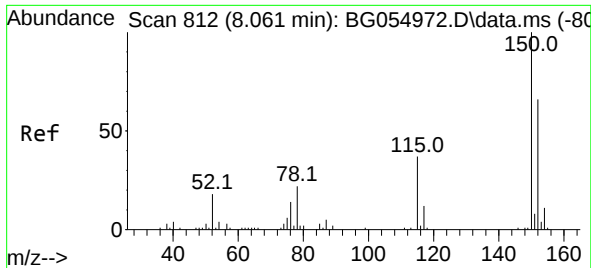
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054986.D
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Instrument :
BNA_G
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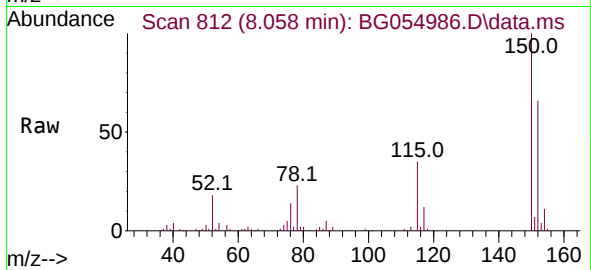
Quant Time: Sep 20 15:12:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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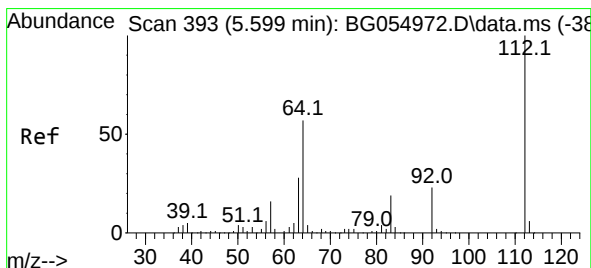
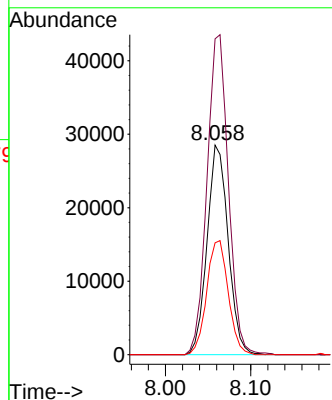
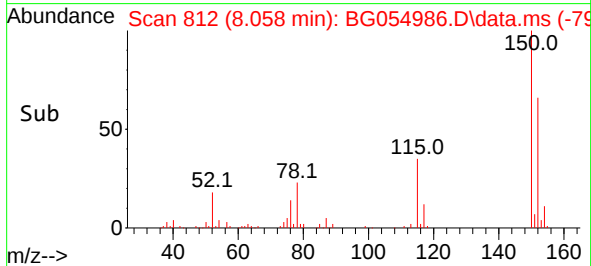


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

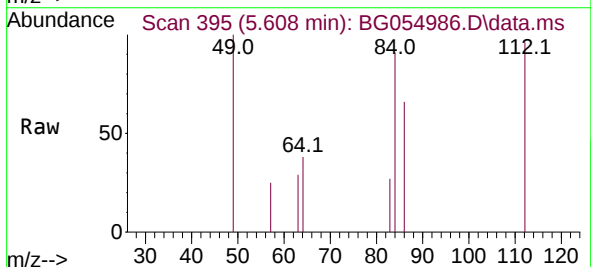
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BNA_G
ClientSampleId :



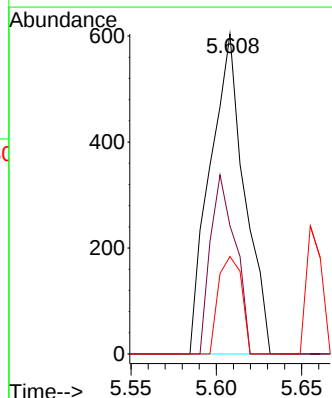
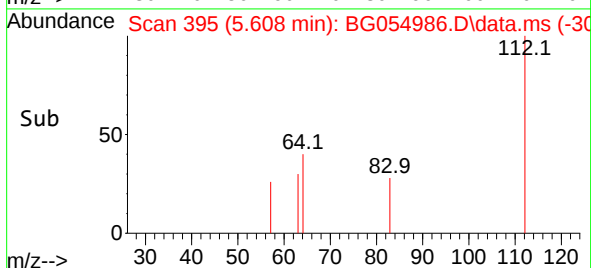
Tgt Ion:152 Resp: 49135
Ion Ratio Lower Upper
152 100
150 150.6 125.2 187.8
115 53.3 47.9 71.9

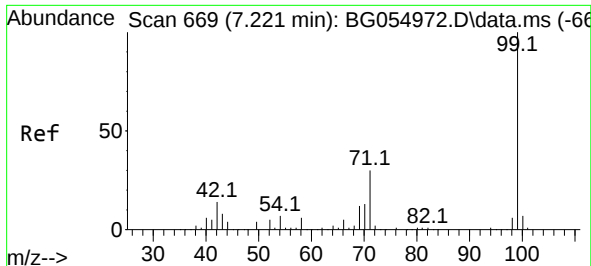


#5
2-Fluorophenol
Concen: 0.338 ng
RT: 5.608 min Scan# 395
Delta R.T. 0.009 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39



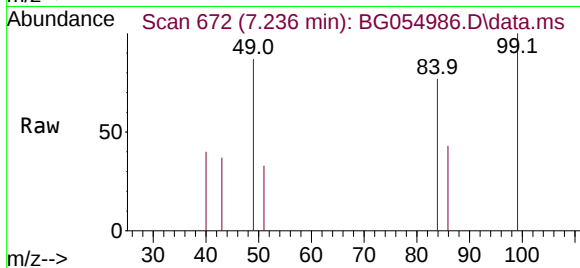
Tgt Ion:112 Resp: 849
Ion Ratio Lower Upper
112 100
64 40.1 49.3 73.9#
63 30.5 26.3 39.5



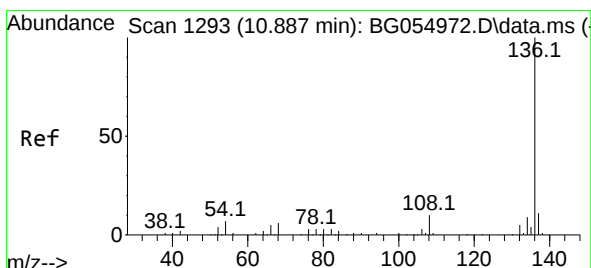
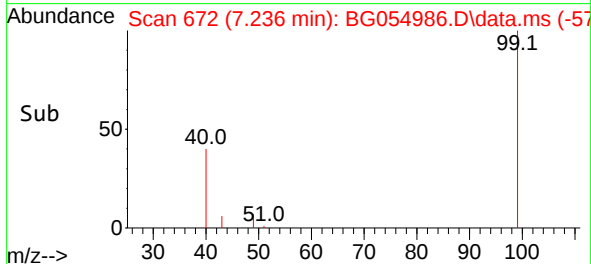
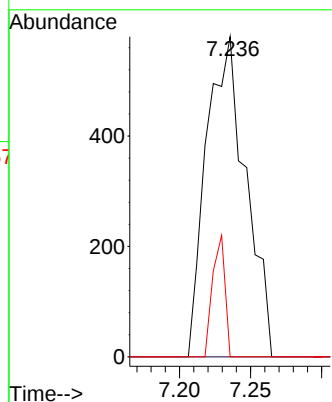


#7
Phenol-d6
Concen: 0.332 ng
RT: 7.236 min Scan# 611
Delta R.T. 0.015 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Instrument :
BNA_G
ClientSampleId :

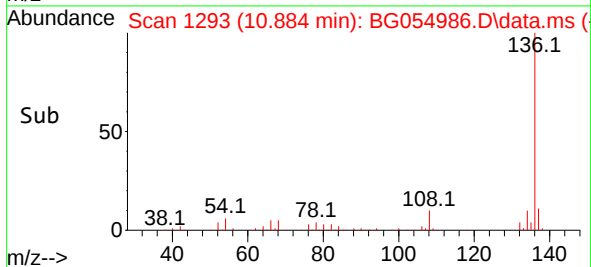
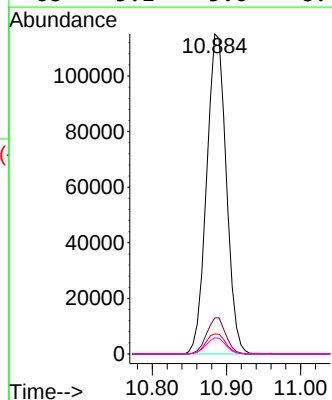
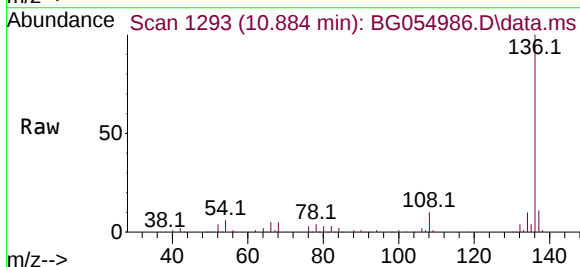


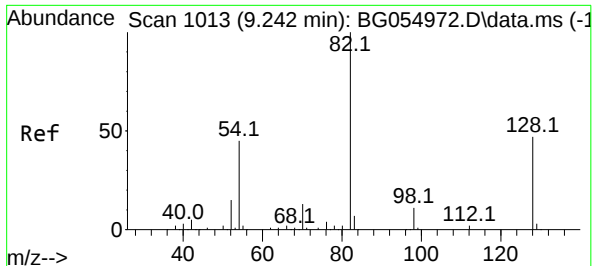
Tgt Ion: 99 Resp: 1119
Ion Ratio Lower Upper
99 100
42 0.0 14.6 22.0#
71 0.0 24.6 37.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1293
Delta R.T. -0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

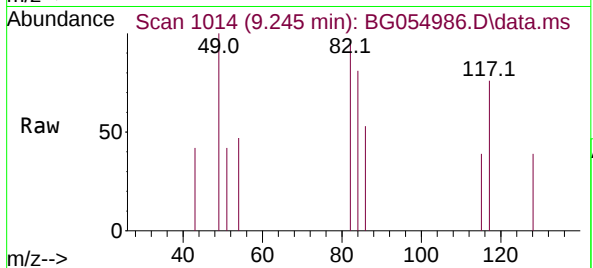
Tgt Ion: 136 Resp: 212242
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.2 7.7 11.5#
68 5.1 5.6 8.4#



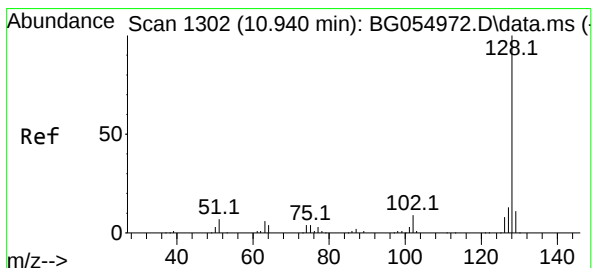
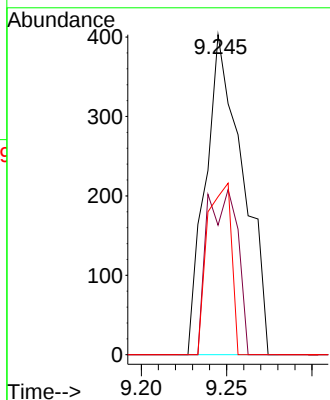
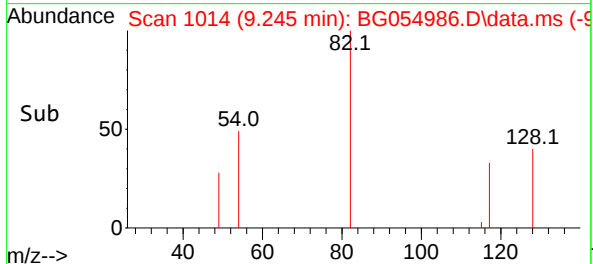


#23
 Nitrobenzene-d5
 Concen: 0.167 ng
 RT: 9.245 min Scan# 1013
 Delta R.T. 0.003 min
 Lab File: BG054986.D
 Acq: 20 Sep 2022 14:39

Instrument :
 BNA_G
 ClientSampleId :

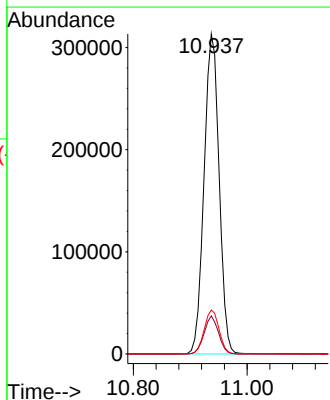
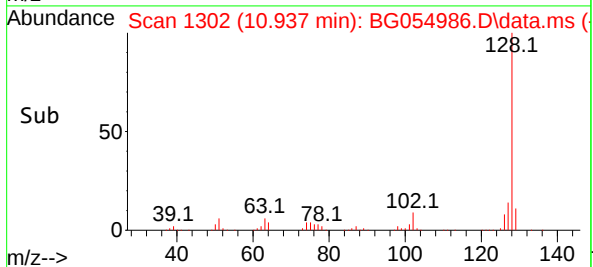
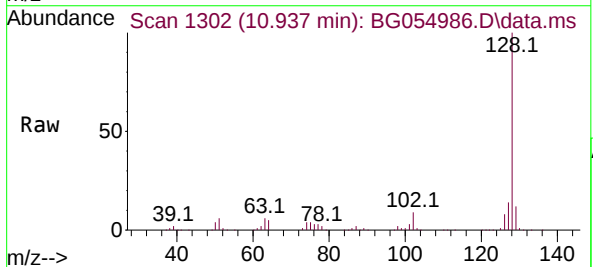


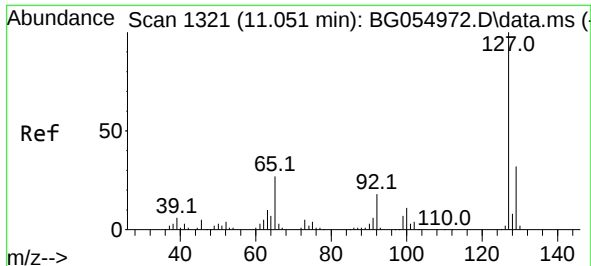
Tgt Ion: 82	Resp: 613
Ion Ratio	Lower Upper
82 100	
128 40.4	32.2 48.2
54 49.4	41.4 62.0



#31
 Naphthalene
 Concen: 51.740 ng
 RT: 10.937 min Scan# 1302
 Delta R.T. -0.003 min
 Lab File: BG054986.D
 Acq: 20 Sep 2022 14:39

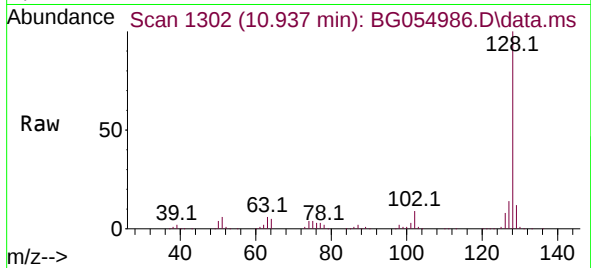
Tgt Ion: 128	Resp: 574205
Ion Ratio	Lower Upper
128 100	
129 11.9	9.0 13.4
127 13.8	11.1 16.7



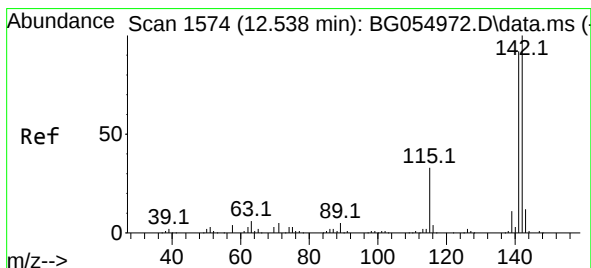
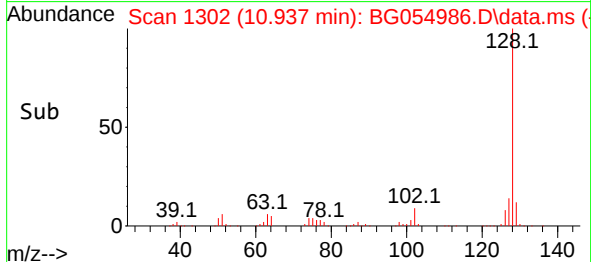
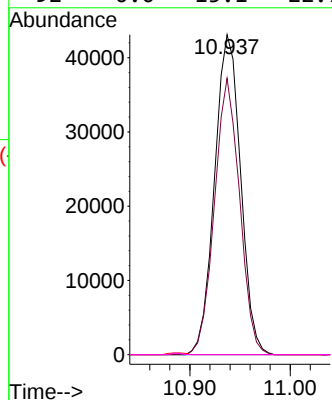


#33
4-Chloroaniline
Concen: 17.161 ng
RT: 10.937 min Scan# 11
Delta R.T. -0.114 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Instrument :
BNA_G
ClientSampleId :

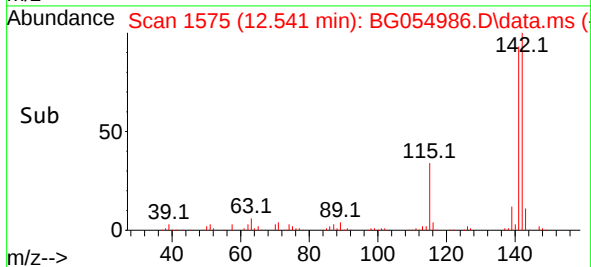
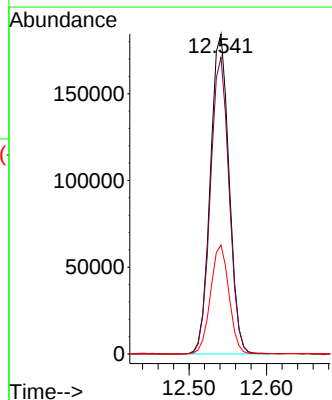
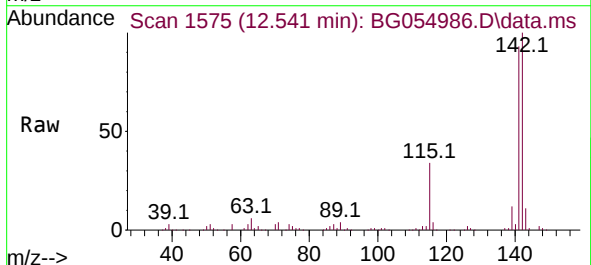


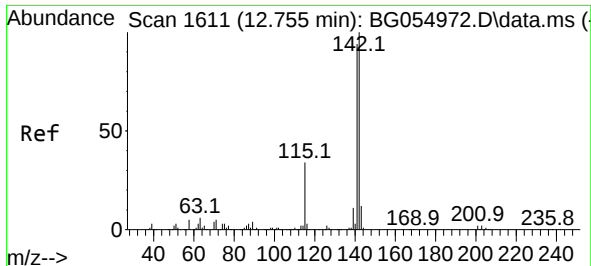
Tgt Ion:127 Resp: 77611
Ion Ratio Lower Upper
127 100
129 86.3 26.0 39.0#
65 0.0 25.8 38.8#
92 0.0 15.1 22.7#



#37
2-Methylnaphthalene
Concen: 39.201 ng
RT: 12.541 min Scan# 1575
Delta R.T. 0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Tgt Ion:142 Resp: 309934
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
115 34.0 27.3 40.9

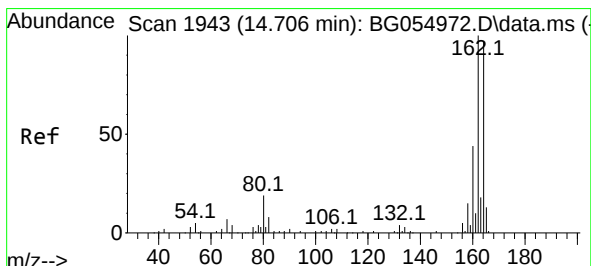
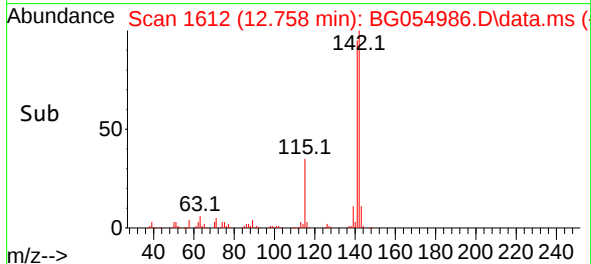
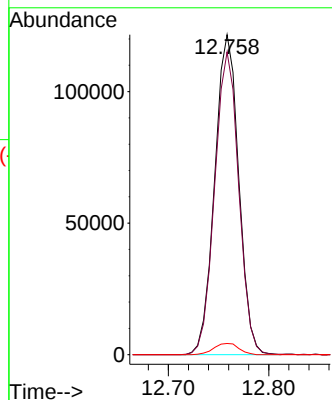
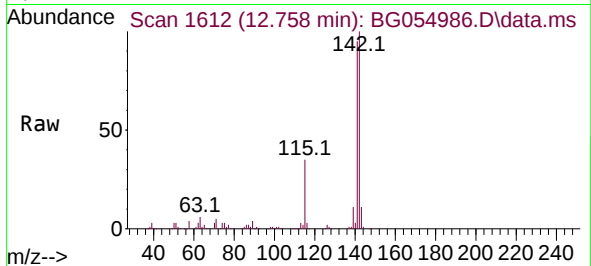




#38
1-Methylnaphthalene
Concen: 26.095 ng
RT: 12.758 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

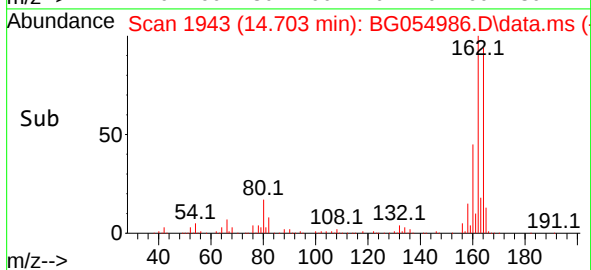
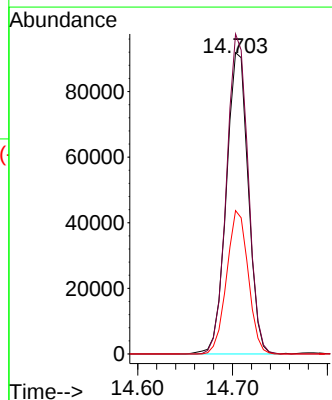
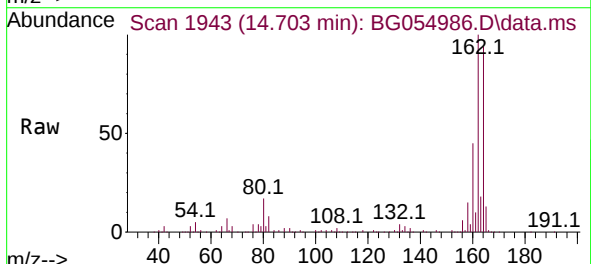
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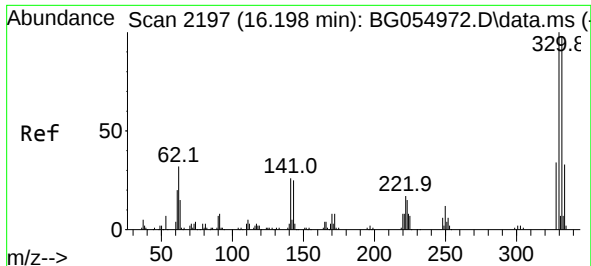
Tgt Ion:142 Resp: 201780
Ion Ratio Lower Upper
142 100
141 94.6 77.4 116.0
116 3.5 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

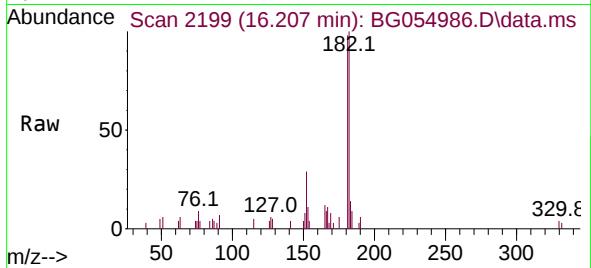
Tgt Ion:164 Resp: 147608
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.4
160 47.6 38.0 57.0



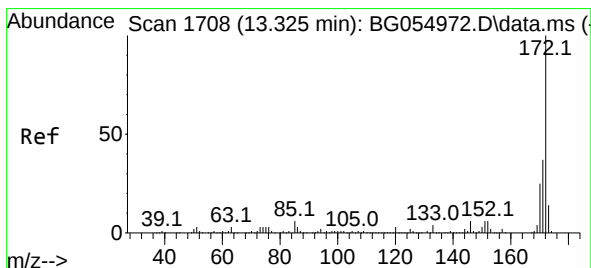
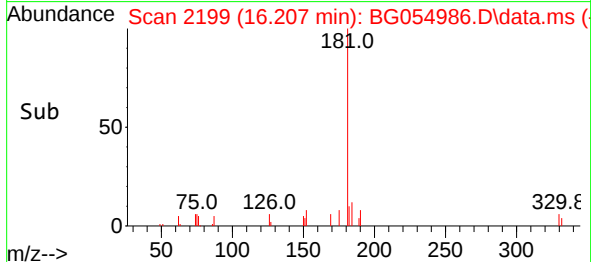
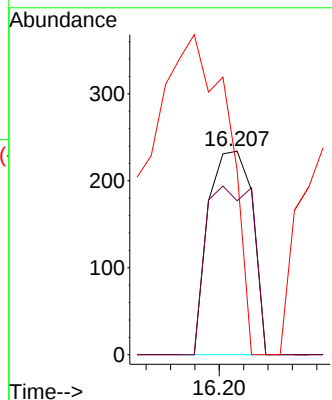


#42
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 16.207 min Scan# 2197
Delta R.T. 0.009 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Instrument :
BNA_G
ClientSampleId :

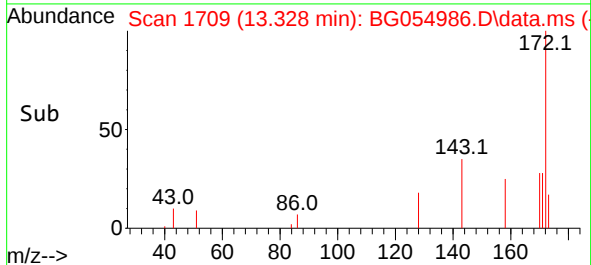
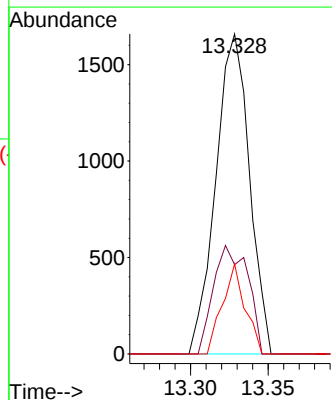
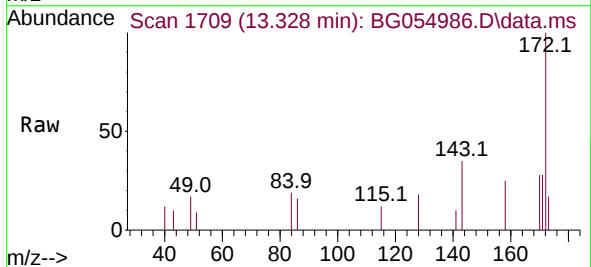


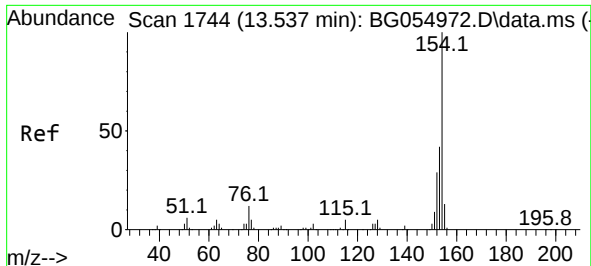
Tgt Ion:330 Resp: 293
Ion Ratio Lower Upper
330 100
332 89.1 79.8 119.6
141 250.5 26.8 40.2#



#45
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.328 min Scan# 1709
Delta R.T. 0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Tgt Ion:172 Resp: 2500
Ion Ratio Lower Upper
172 100
171 27.9 31.2 46.8#
170 28.1 20.6 30.8

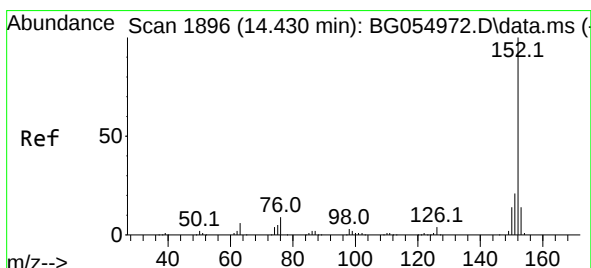
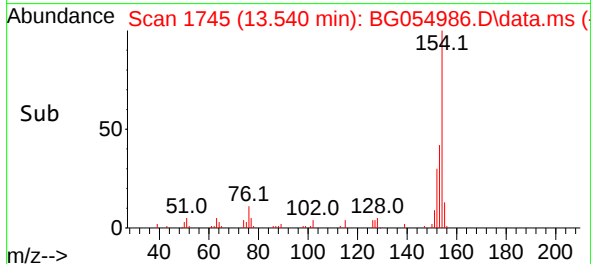
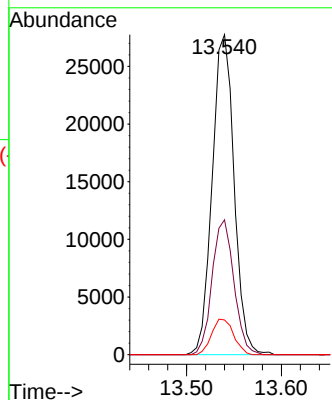
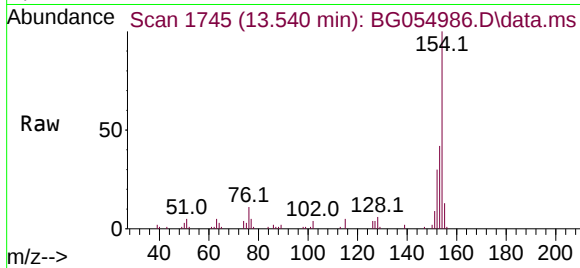




#46
1,1'-Biphenyl
Concen: 4.470 ng
RT: 13.540 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

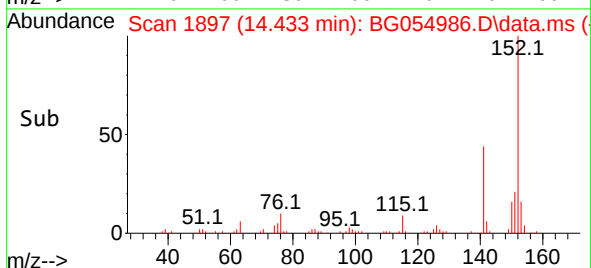
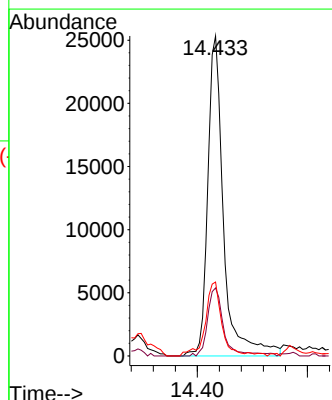
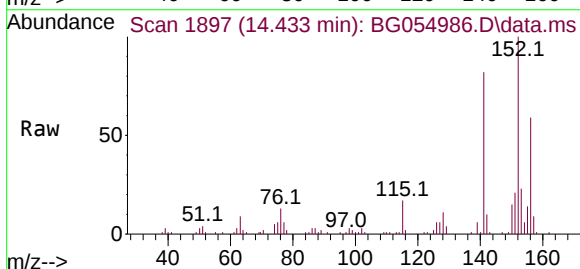
Instrument :
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ClientSampleId :

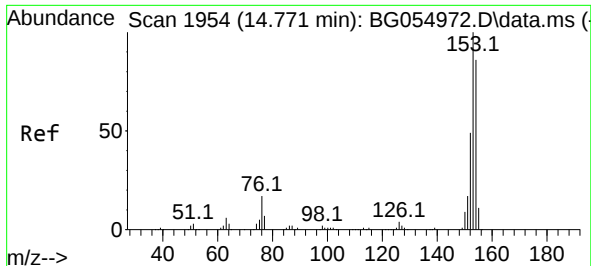
Tgt Ion:154 Resp: 44519
Ion Ratio Lower Upper
154 100
153 42.2 22.2 62.2
76 10.9 0.0 34.0



#49
Acenaphthylene
Concen: 3.841 ng
RT: 14.433 min Scan# 1897
Delta R.T. 0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

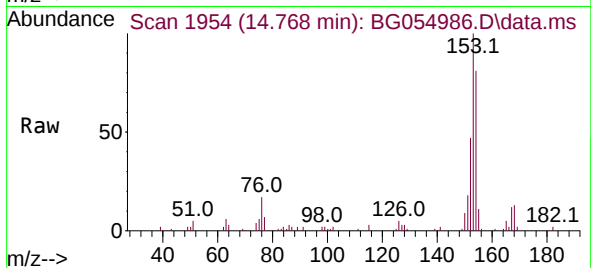
Tgt Ion:152 Resp: 50530
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 23.1 10.8 16.2#



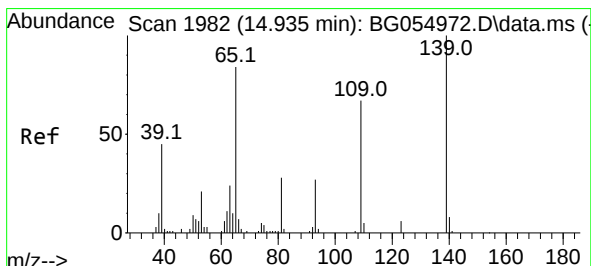
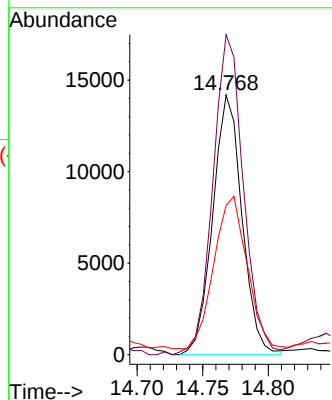
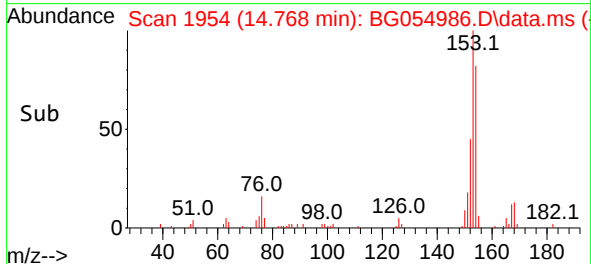


#52
Acenaphthene
Concen: 2.709 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Instrument :
BNA_G
ClientSampleId :

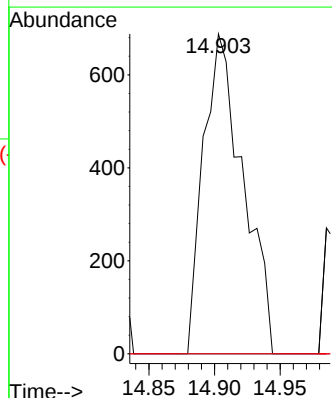
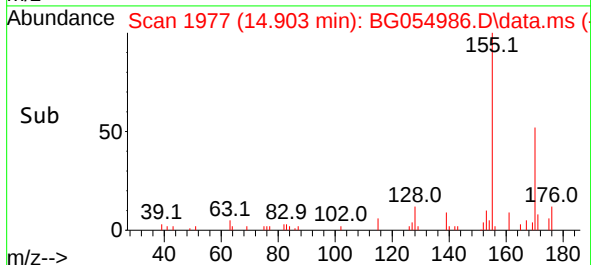
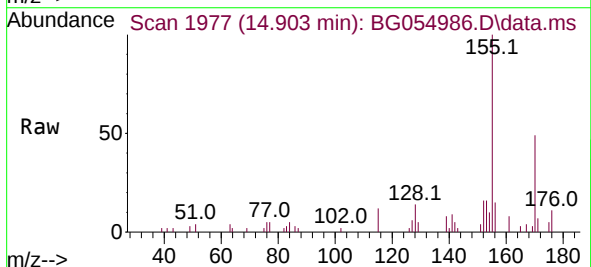


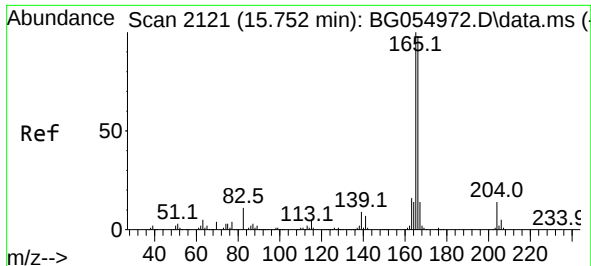
Tgt Ion:154 Resp: 21958
Ion Ratio Lower Upper
154 100
153 123.3 92.8 139.2
152 57.5 45.4 68.2



#56
4-Nitrophenol
Concen: 5.005 ng
RT: 14.903 min Scan# 1977
Delta R.T. -0.032 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Tgt Ion:139 Resp: 1447
Ion Ratio Lower Upper
139 100
109 0.0 50.5 90.5#
65 0.0 79.9 119.9#

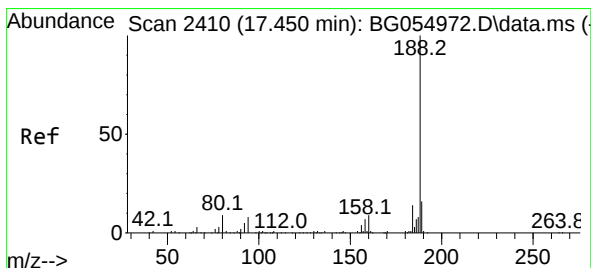
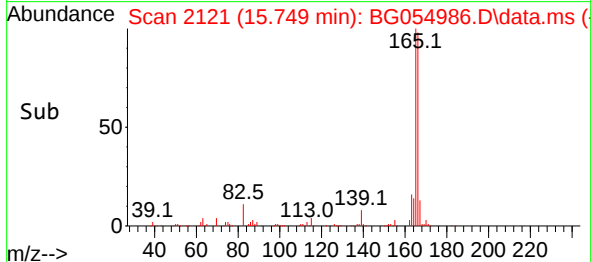
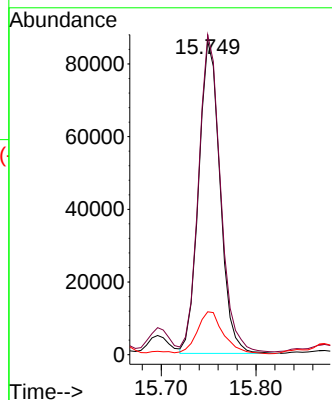
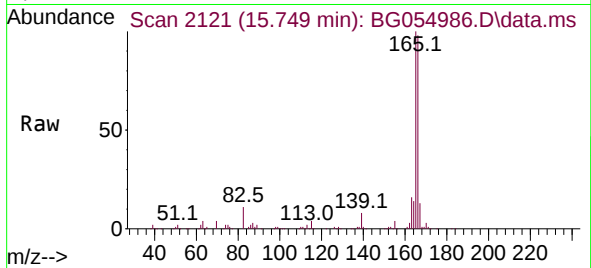




#58
 Fluorene
 Concen: 12.430 ng
 RT: 15.749 min Scan# 2121
 Delta R.T. -0.003 min
 Lab File: BG054986.D
 Acq: 20 Sep 2022 14:39

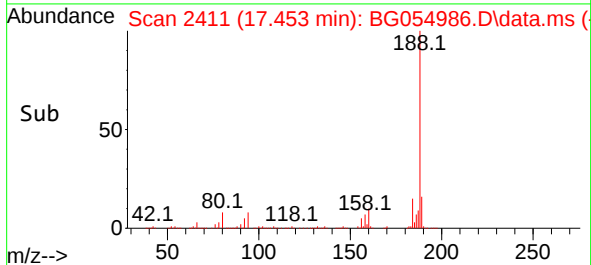
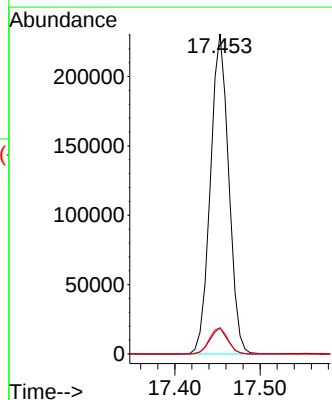
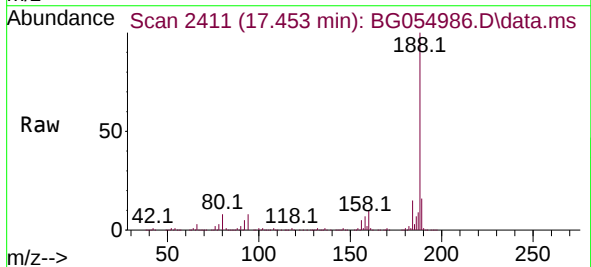
Instrument :
 BNA_G
 ClientSampleId :

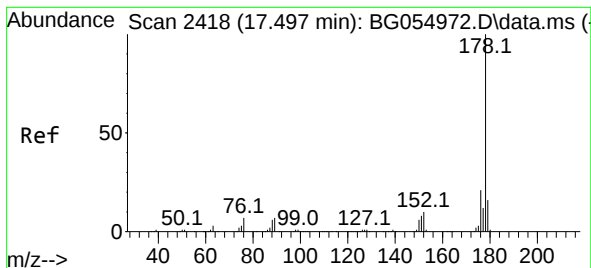
Tgt Ion:166 Resp: 134352
 Ion Ratio Lower Upper
 166 100
 165 102.0 80.8 121.2
 167 13.7 11.4 17.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.453 min Scan# 2411
 Delta R.T. 0.003 min
 Lab File: BG054986.D
 Acq: 20 Sep 2022 14:39

Tgt Ion:188 Resp: 344142
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.0 10.4
 80 8.2 7.9 11.9





#71

Phenanthrene

Concen: 39.597 ng

RT: 17.494 min Scan# 2418

Delta R.T. -0.003 min

Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

Instrument :

BNA_G

ClientSampleId :

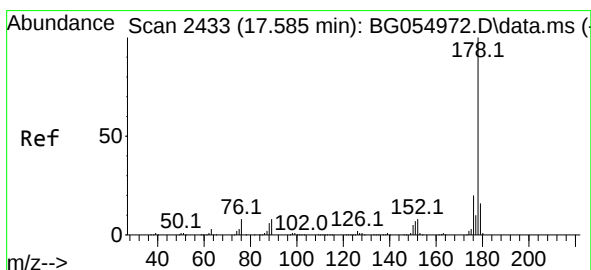
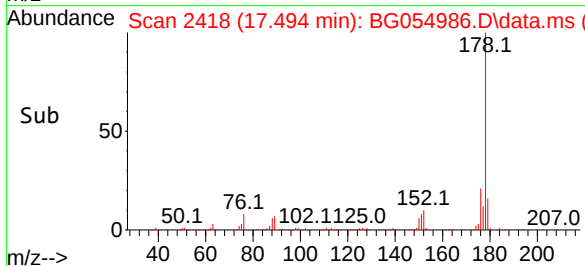
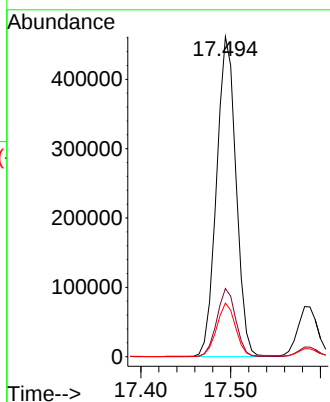
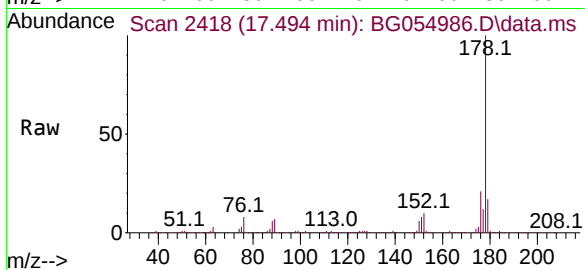
Tgt Ion:178 Resp: 693999

Ion Ratio Lower Upper

178 100

176 21.3 16.6 25.0

179 16.7 12.8 19.2



#72

Anthracene

Concen: 6.376 ng

RT: 17.582 min Scan# 2433

Delta R.T. -0.003 min

Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

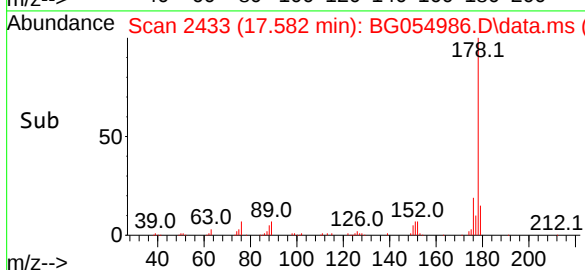
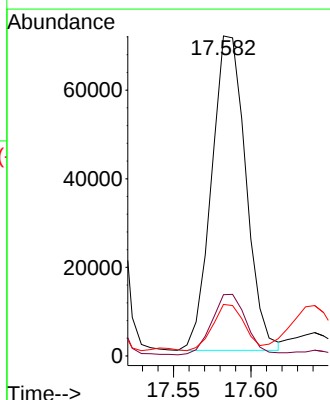
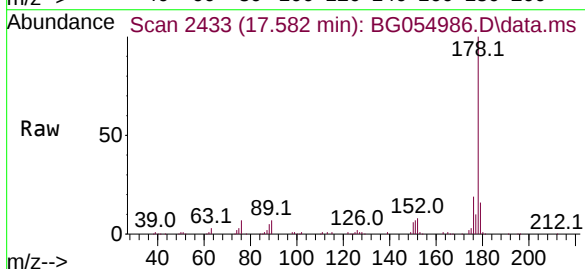
Tgt Ion:178 Resp: 109008

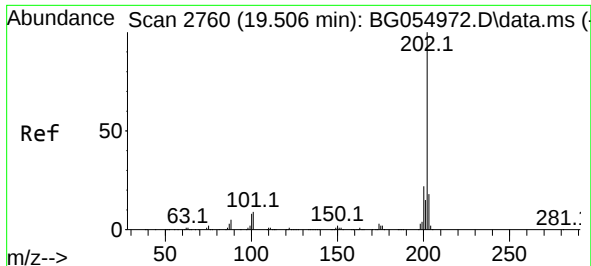
Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

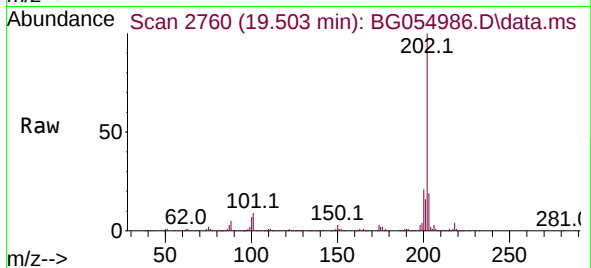
179 16.1 12.9 19.3



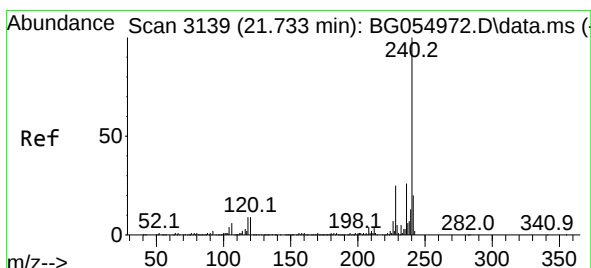
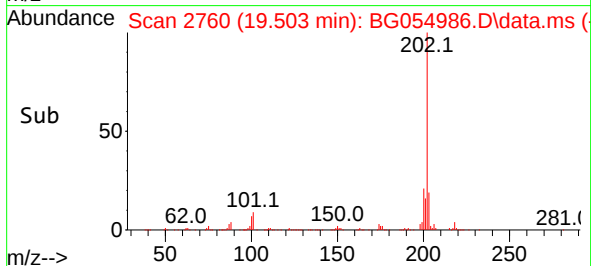
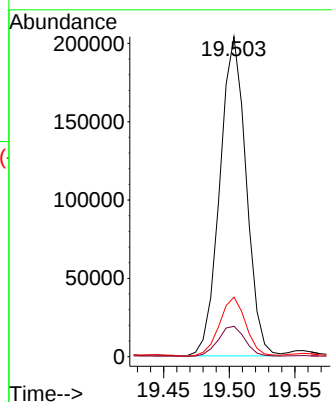


#75
Fluoranthene
Concen: 12.816 ng
RT: 19.503 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Instrument :
BNA_G
ClientSampleId :

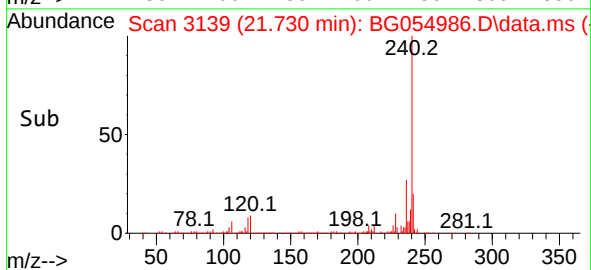
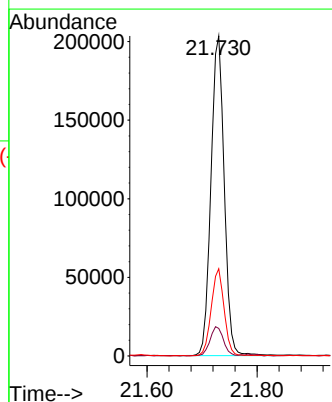
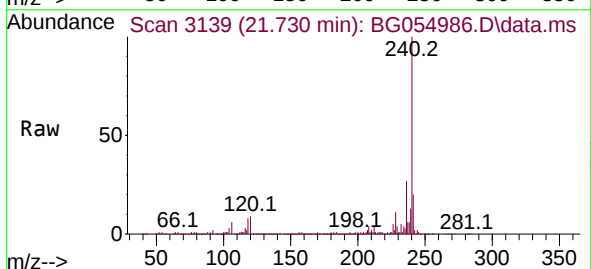


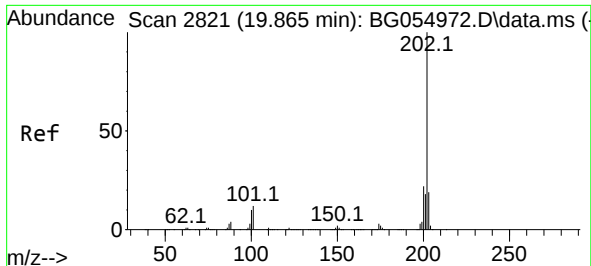
Tgt Ion:202 Resp: 284488
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 18.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

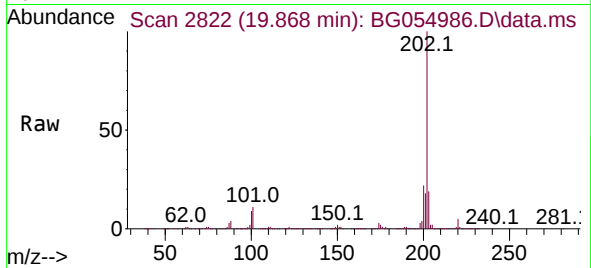
Tgt Ion:240 Resp: 340543
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.4
236 27.2 21.2 31.8



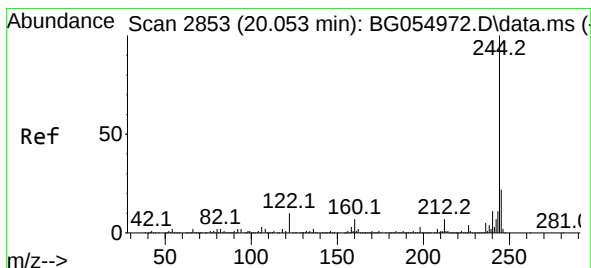
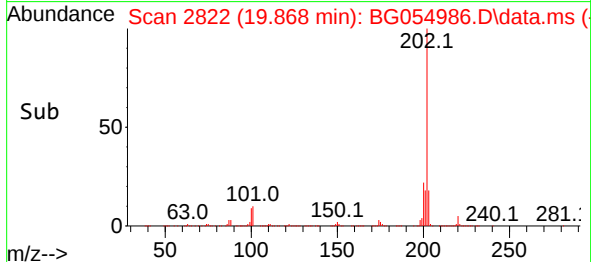
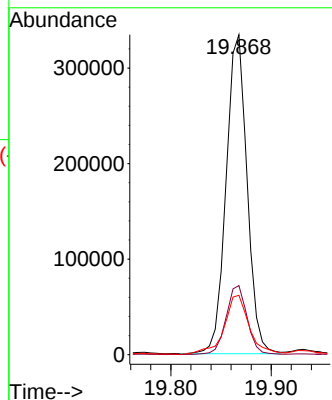


#78
 Pyrene
 Concen: 21.642 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054986.D
 Acq: 20 Sep 2022 14:39

Instrument :
 BNA_G
 ClientSampleId :

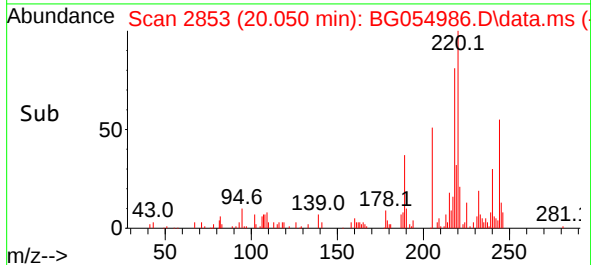
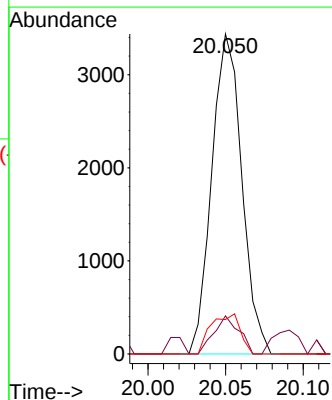
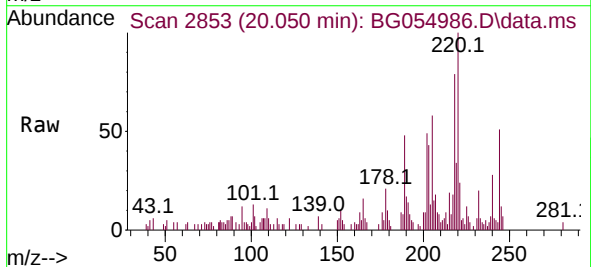


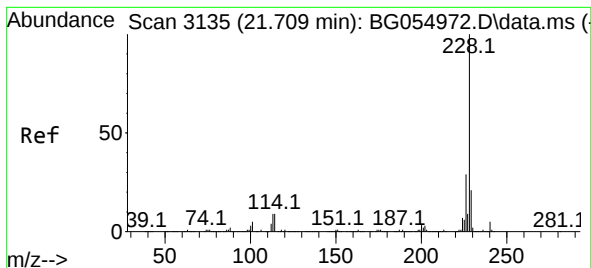
Tgt Ion:202 Resp: 484490
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.8 26.6
 203 18.6 14.6 21.8



#79
 Terphenyl-d14
 Concen: 0.284 ng
 RT: 20.050 min Scan# 2853
 Delta R.T. -0.003 min
 Lab File: BG054986.D
 Acq: 20 Sep 2022 14:39

Tgt Ion:244 Resp: 4626
 Ion Ratio Lower Upper
 244 100
 212 11.9 6.2 9.2#
 122 10.7 9.0 13.6





#81

Benzo(a)anthracene

Concen: 8.472 ng

RT: 21.707 min Scan# 3135

Delta R.T. -0.003 min

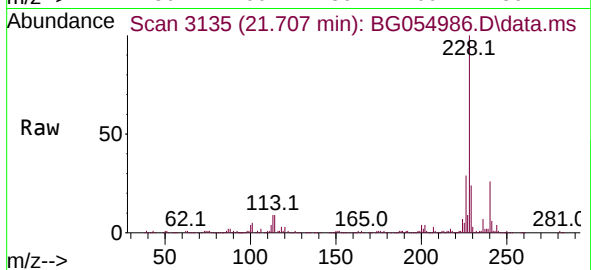
Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

Instrument :

BNA_G

ClientSampleId :



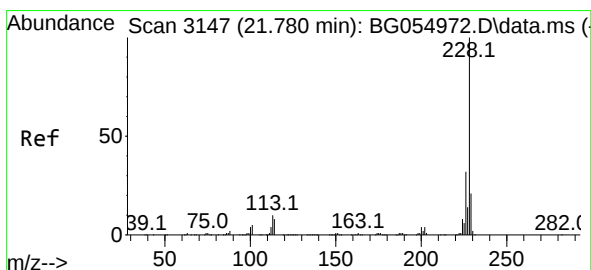
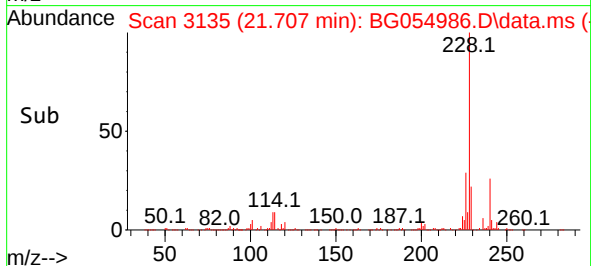
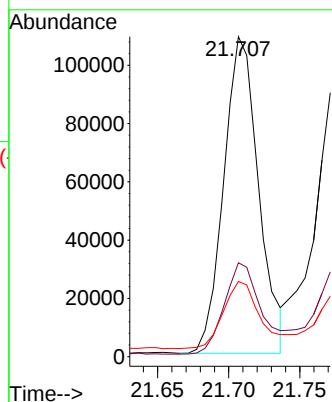
Tgt Ion:228 Resp: 185559

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 23.5 16.5 24.7



#83

Chrysene

Concen: 8.436 ng

RT: 21.777 min Scan# 3147

Delta R.T. -0.003 min

Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

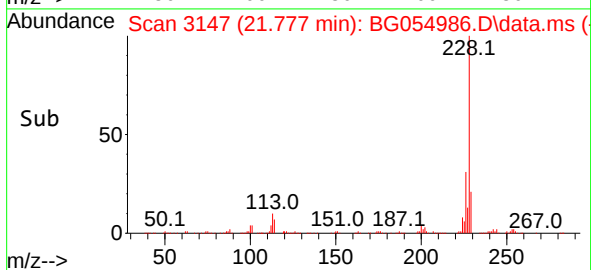
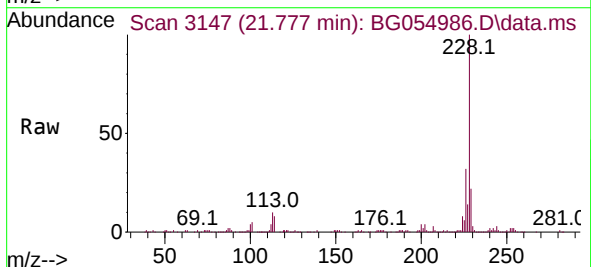
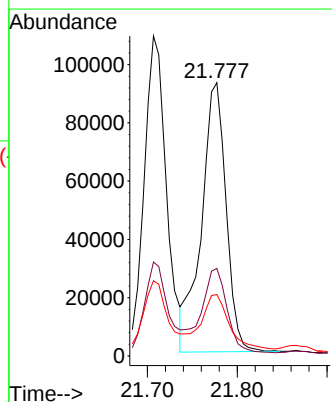
Tgt Ion:228 Resp: 176871

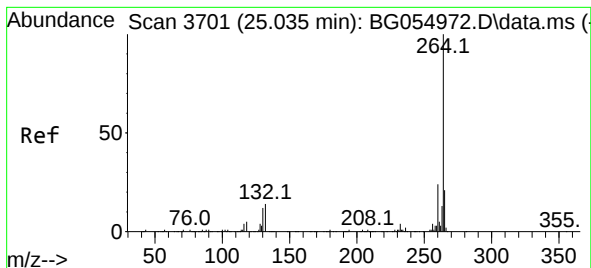
Ion Ratio Lower Upper

228 100

226 32.0 25.5 38.3

229 22.5 16.8 25.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.038 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

Instrument :

BNA_G

ClientSampleId :

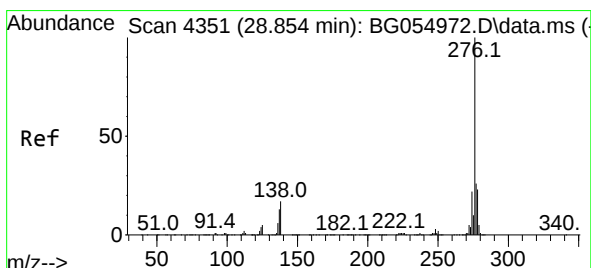
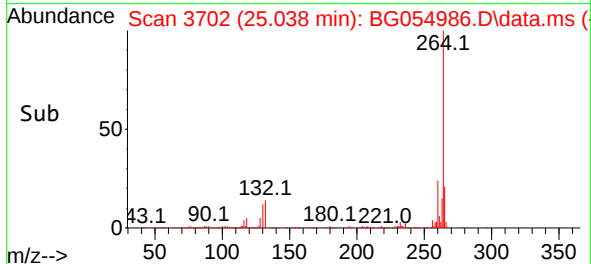
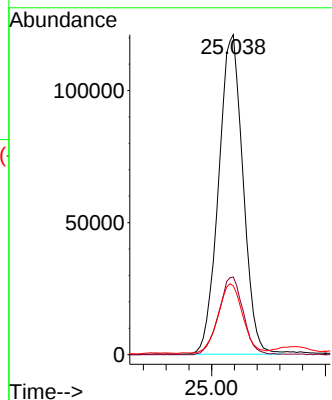
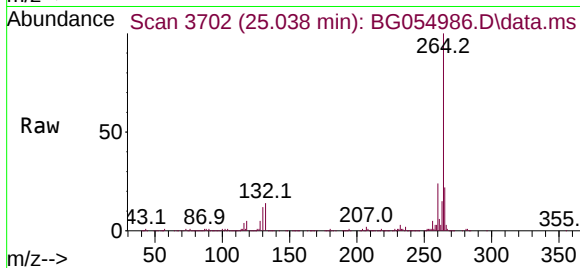
Tgt Ion:264 Resp: 360559

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.5 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.147 ng

RT: 28.834 min Scan# 4348

Delta R.T. -0.020 min

Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

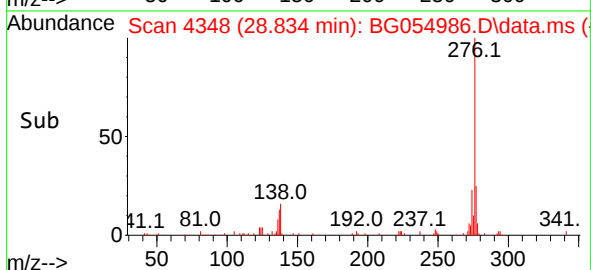
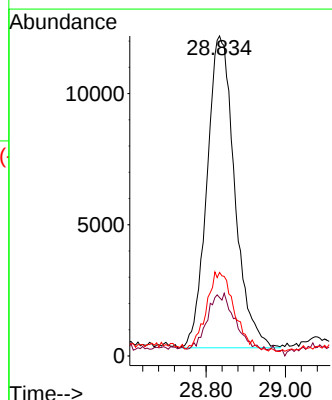
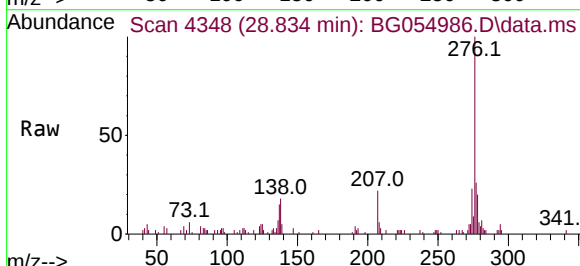
Tgt Ion:276 Resp: 57538

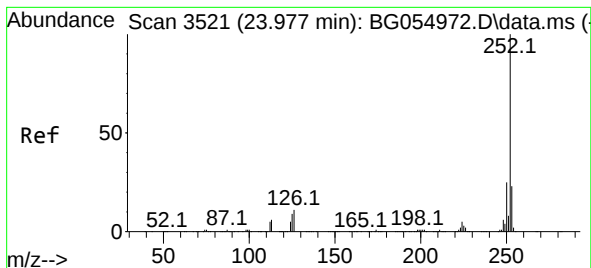
Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

277 25.7 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 5.612 ng

RT: 23.975 min Scan# 3521

Delta R.T. -0.003 min

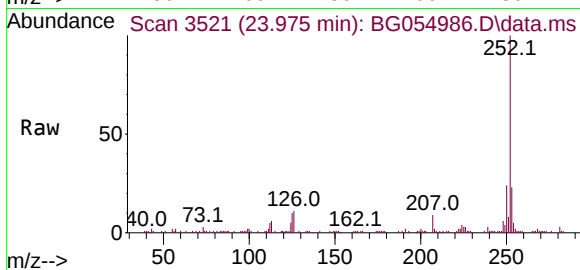
Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

Instrument :

BNA_G

ClientSampleId :



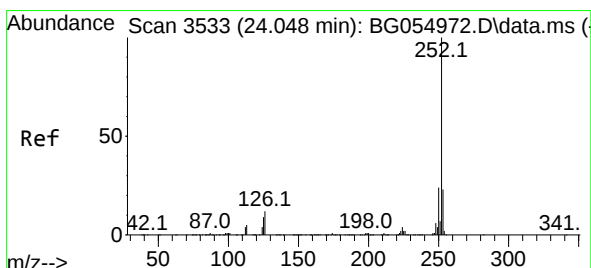
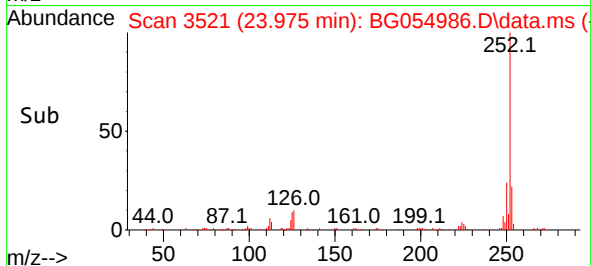
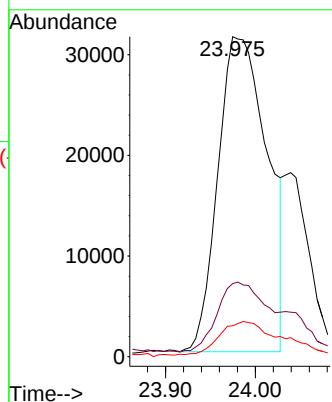
Tgt Ion:252 Resp: 119342

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 9.7 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 5.559 ng

RT: 23.975 min Scan# 3521

Delta R.T. -0.073 min

Lab File: BG054986.D

Acq: 20 Sep 2022 14:39

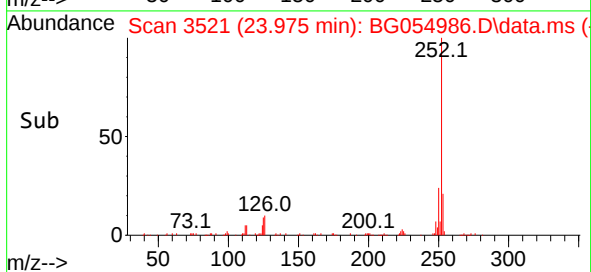
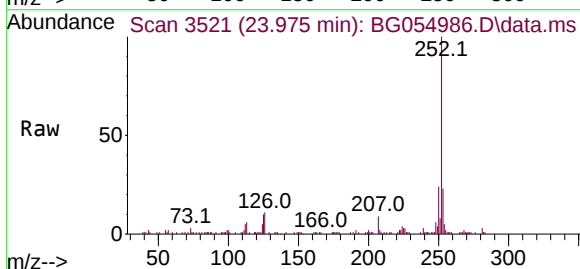
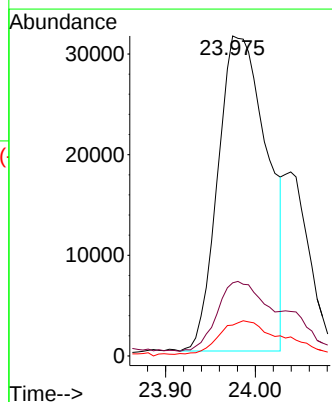
Tgt Ion:252 Resp: 119342

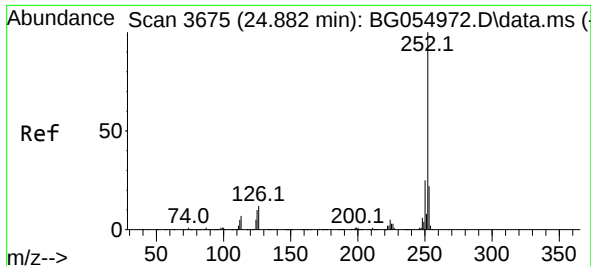
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 9.7 8.2 12.4

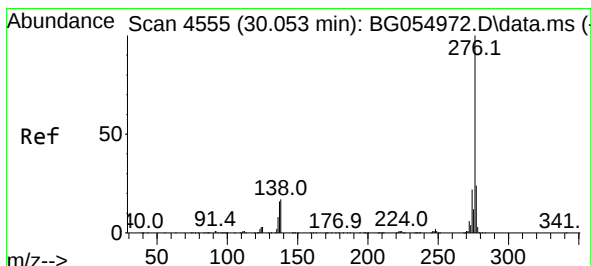
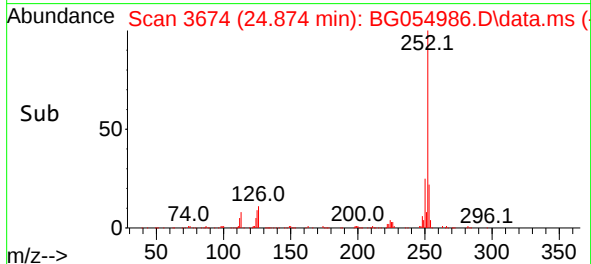
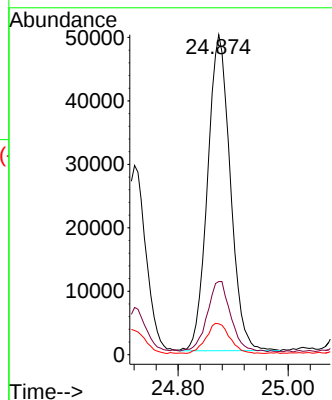
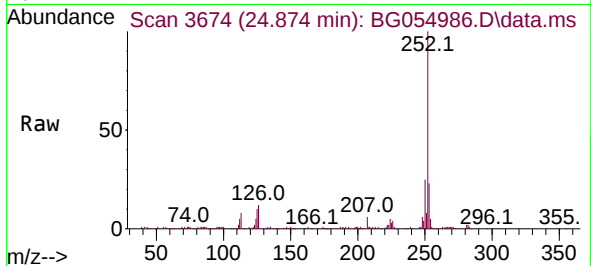




#90
Benzo(a)pyrene
Concen: 7.793 ng
RT: 24.874 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 142702
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 9.6 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 3.021 ng
RT: 30.032 min Scan# 4552
Delta R.T. -0.020 min
Lab File: BG054986.D
Acq: 20 Sep 2022 14:39

Tgt Ion:276 Resp: 67207
Ion Ratio Lower Upper
276 100
277 26.1 19.4 29.0
138 18.2 16.6 25.0

