

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054710.D
 Acq On : 23 Aug 2022 16:52
 Operator : CG/JU
 Sample : N4205-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 24 01:50:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

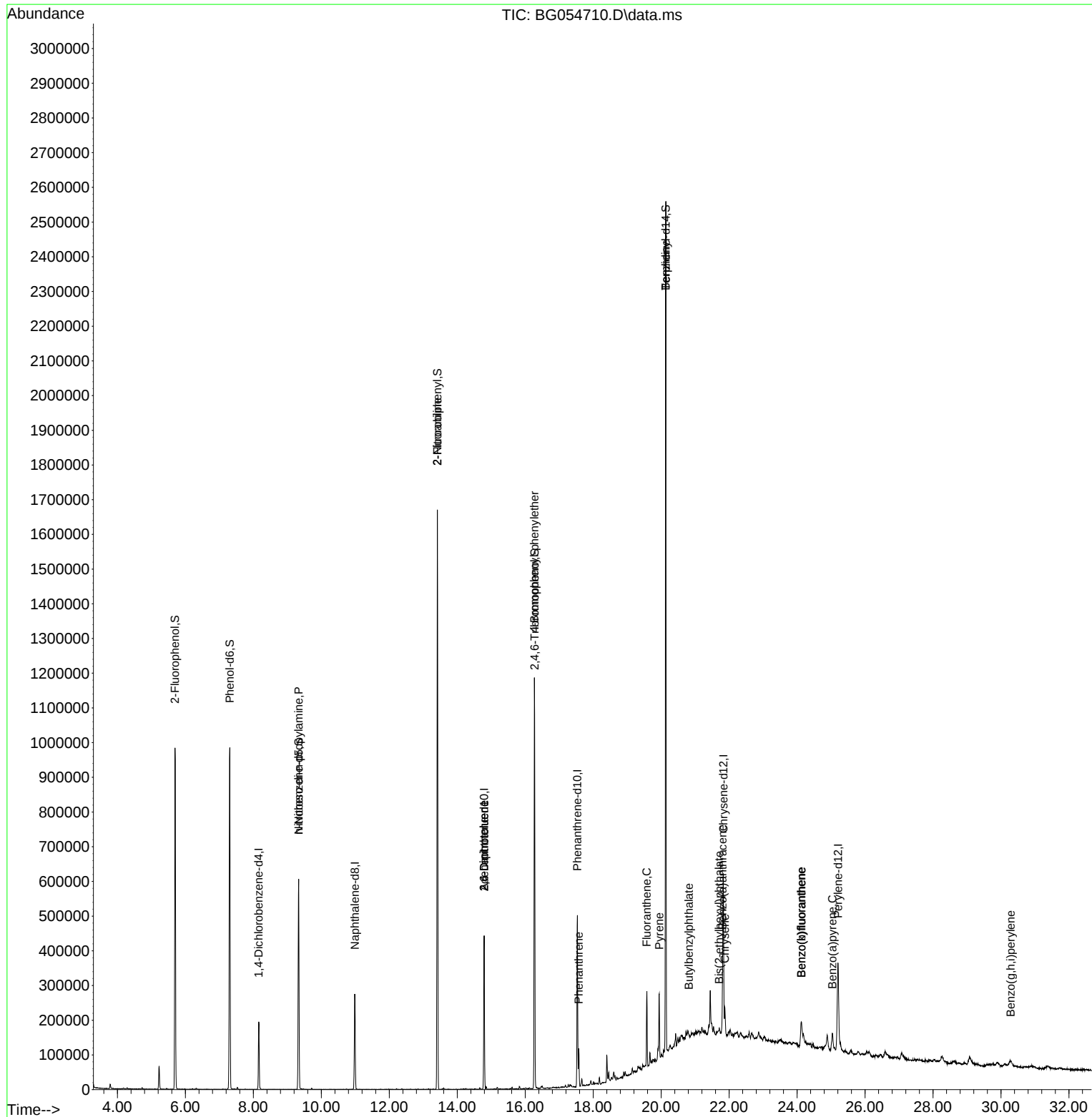
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	56796	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	241633	20.000	ng	0.00
39) Acenaphthene-d10	14.791	164	154959	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	312556	20.000	ng	0.00
76) Chrysene-d12	21.830	240	271523	20.000	ng	0.00
86) Perylene-d12	25.203	264	288239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	442947	146.964	ng	0.00
7) Phenol-d6	7.306	99	602190	142.591	ng	0.00
23) Nitrobenzene-d5	9.333	82	370886	87.473	ng	0.00
42) 2,4,6-Tribromophenol	16.278	330	232922	187.693	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	877748	83.533	ng	0.00
79) Terphenyl-d14	20.138	244	1201602	87.910	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.333	70	47401	15.953	ng	# 82
48) 2-Nitroaniline	13.417	65	1583	4.231	ng	# 1
51) 2,6-Dinitrotoluene	14.791	165	20622	10.866	ng	# 21
57) 2,4-Dinitrotoluene	14.791	165	20622	10.917	ng	# 19
67) 4-Bromophenyl-phenylether	16.272	248	15766	5.240	ng	# 1
71) Phenanthrene	17.576	178	67954	4.079	ng	99
75) Fluoranthene	19.580	202	133060	6.774	ng	99
77) Benzidine	20.138	184	20163	3.420	ng	# 91
78) Pyrene	19.944	202	120798	6.307	ng	98
80) Butylbenzylphthalate	20.814	149	721	5.254	ng	# 79
81) Benzo(a)anthracene	21.807	228	62973	3.415	ng	98
83) Chrysene	21.877	228	57582	3.281	ng	98
84) Bis(2-ethylhexyl)phtha...	21.707	149	2272	4.419	ng	# 90
88) Benzo(b)fluoranthene	24.128	252	77543	4.333	ng	# 94
89) Benzo(k)fluoranthene	24.128	252	77543	4.198	ng	# 93
90) Benzo(a)pyrene	25.038	252	59219	3.855	ng	# 94
92) Benzo(g,h,i)perylene	30.285	276	38053	2.203	ng	96

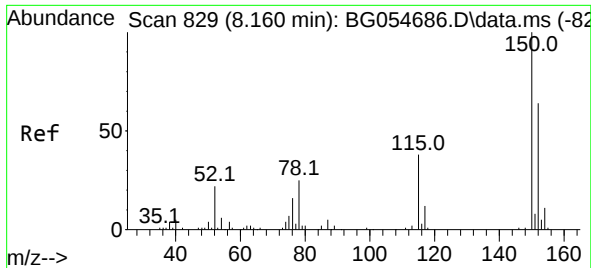
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054710.D
Acq On : 23 Aug 2022 16:52
Operator : CG/JU
Sample : N4205-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

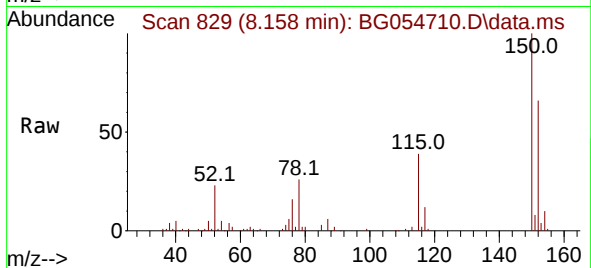
Quant Time: Aug 24 01:50:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
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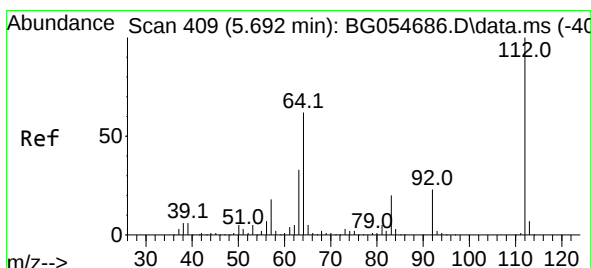
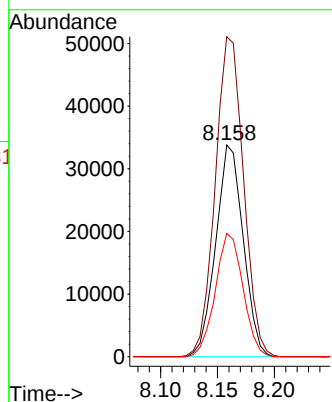
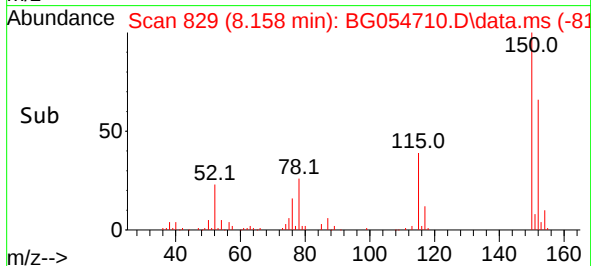


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

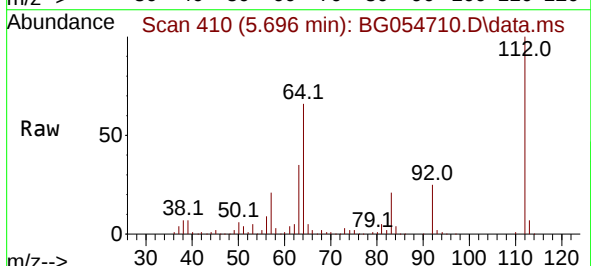
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ClientSampleId :



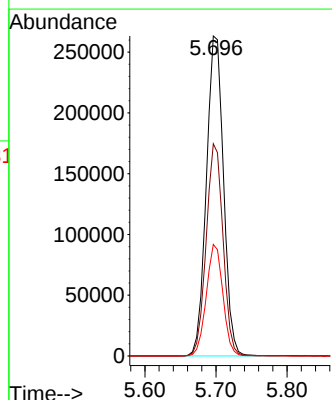
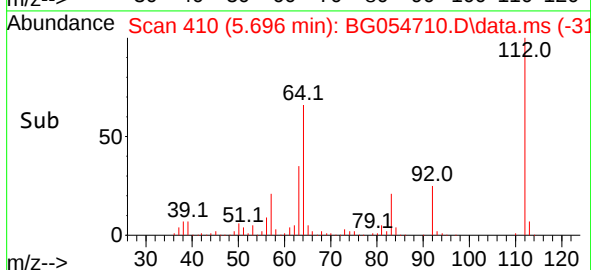
Tgt Ion:152 Resp: 56796
Ion Ratio Lower Upper
152 100
150 151.1 125.2 187.8
115 58.2 47.9 71.9

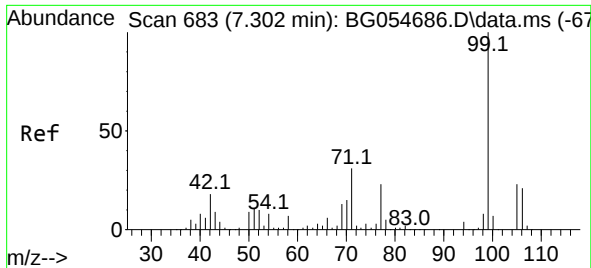


#5
2-Fluorophenol
Concen: 146.964 ng
RT: 5.696 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52



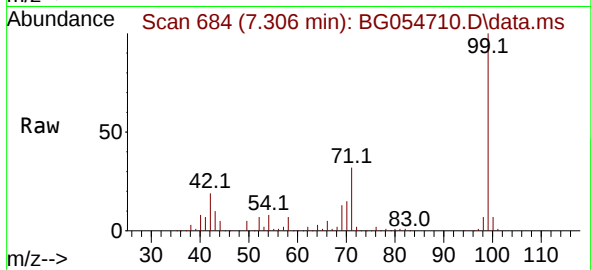
Tgt Ion:112 Resp: 442947
Ion Ratio Lower Upper
112 100
64 66.3 49.3 73.9
63 34.8 26.3 39.5



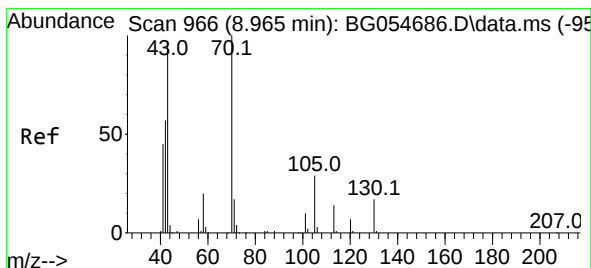
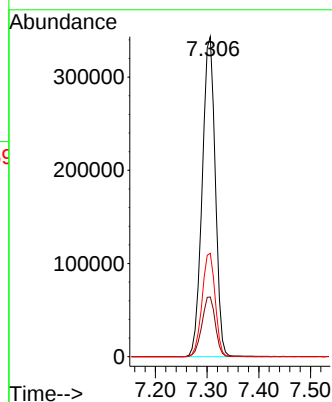
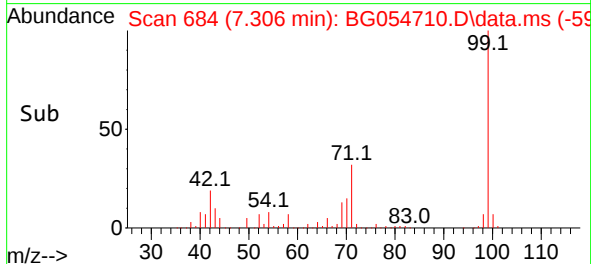


#7
Phenol-d6
Concen: 142.591 ng
RT: 7.306 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

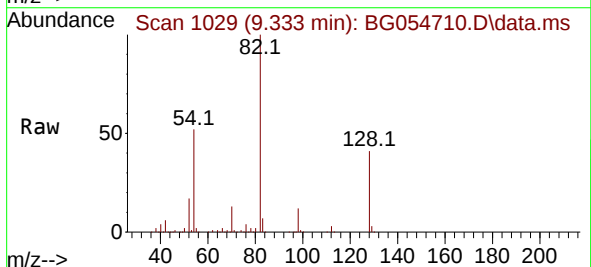
Instrument :
BNA_G
ClientSampleId :



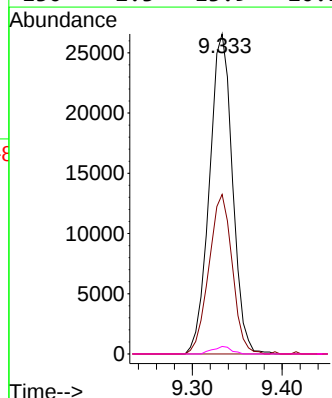
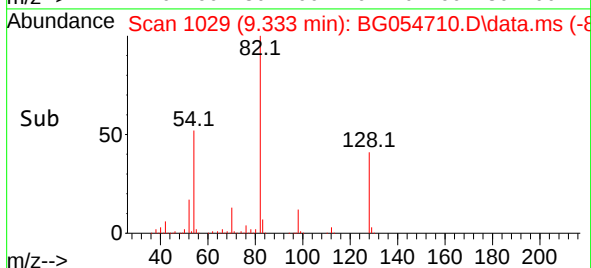
Tgt Ion: 99 Resp: 602190
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 32.3 24.6 37.0

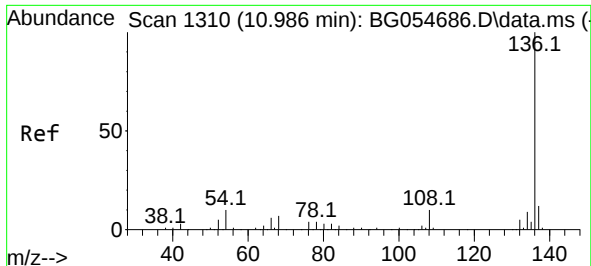


#19
n-Nitroso-di-n-propylamine
Concen: 15.953 ng
RT: 9.333 min Scan# 1029
Delta R.T. 0.369 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52



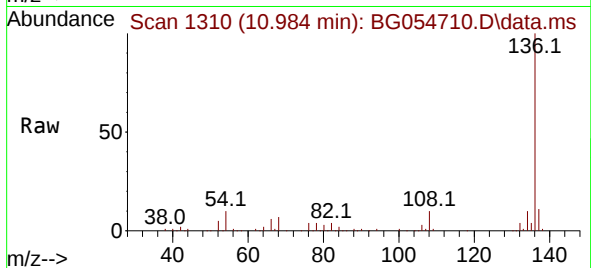
Tgt Ion: 70 Resp: 47401
Ion Ratio Lower Upper
70 100
42 49.8 46.6 69.8
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#



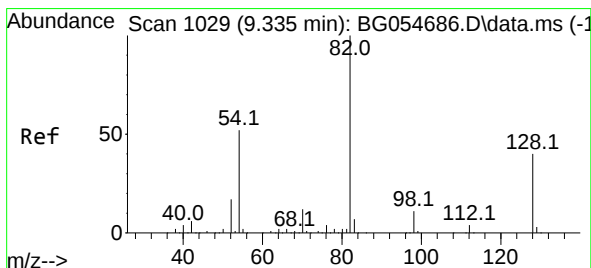
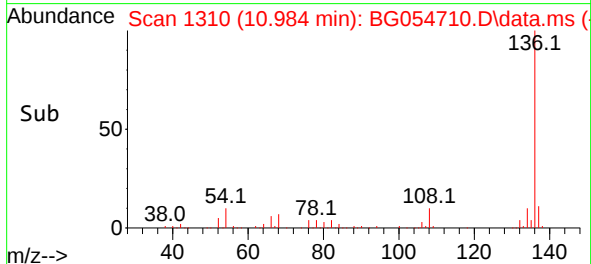
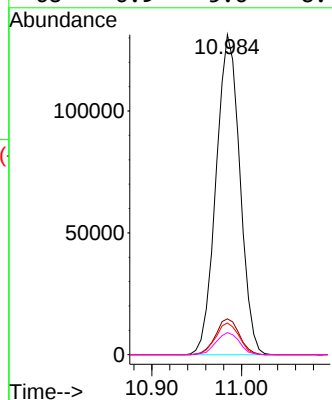


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

Instrument :
BNA_G
ClientSampleId :

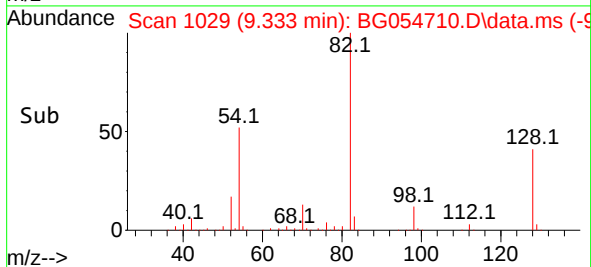
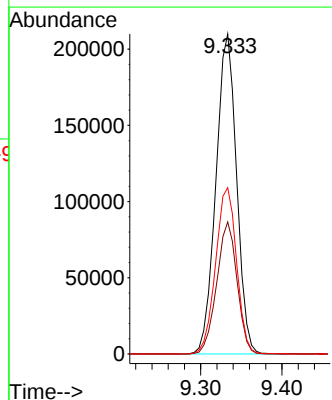
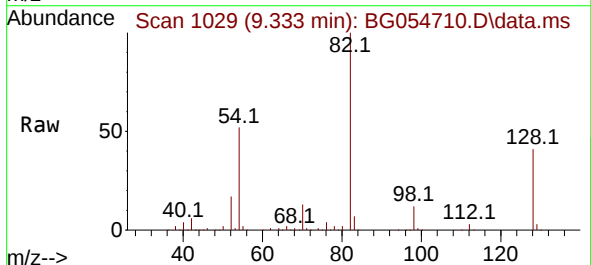


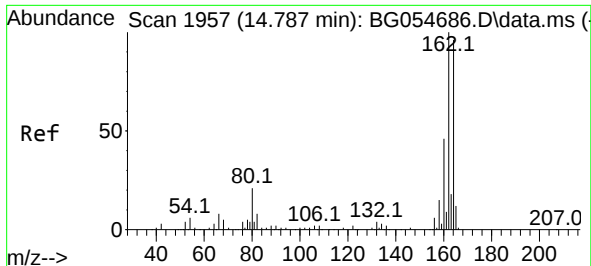
Tgt Ion:136 Resp: 241633
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.9 7.7 11.5
68 6.9 5.6 8.4



#23
Nitrobenzene-d5
Concen: 87.473 ng
RT: 9.333 min Scan# 1029
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

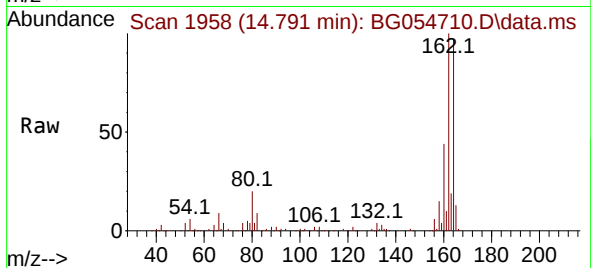
Tgt Ion: 82 Resp: 370886
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.2
54 52.0 41.4 62.0



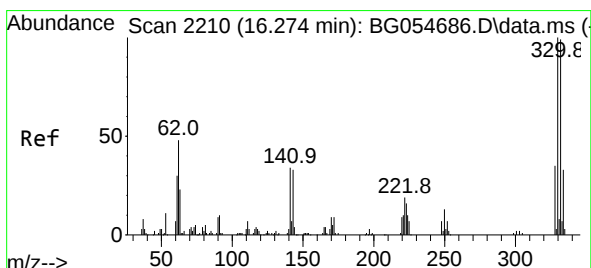
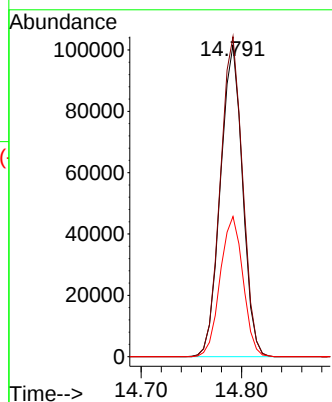
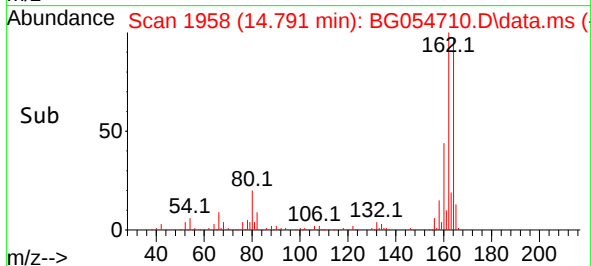


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.791 min Scan# 1958
Delta R.T. 0.004 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

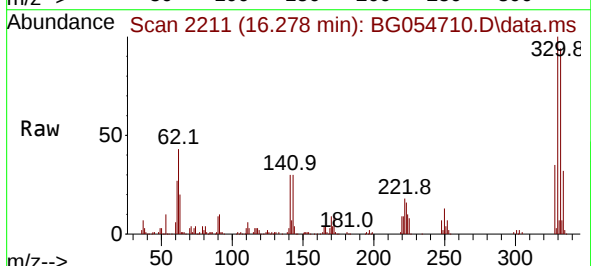
Instrument :
BNA_G
ClientSampleId :



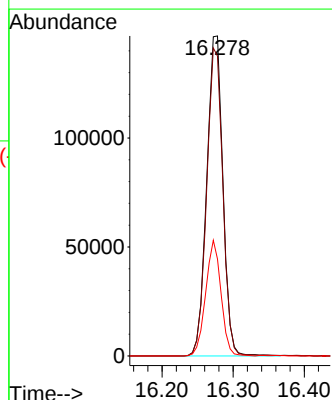
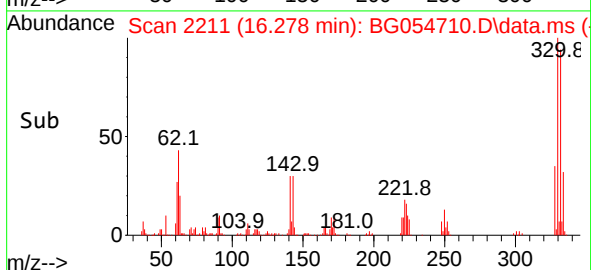
Tgt Ion:164 Resp: 154959
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 45.0 38.0 57.0

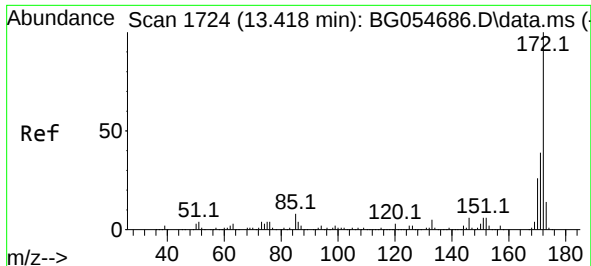


#42
2,4,6-Tribromophenol
Concen: 187.693 ng
RT: 16.278 min Scan# 2211
Delta R.T. 0.004 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52



Tgt Ion:330 Resp: 232922
Ion Ratio Lower Upper
330 100
332 95.8 79.8 119.6
141 34.3 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 83.533 ng

RT: 13.417 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

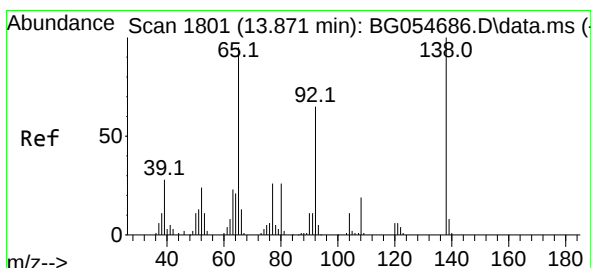
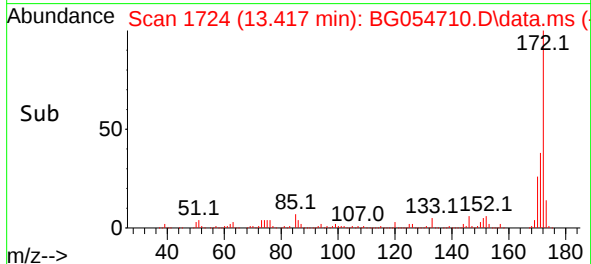
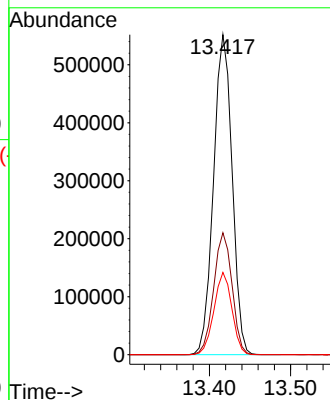
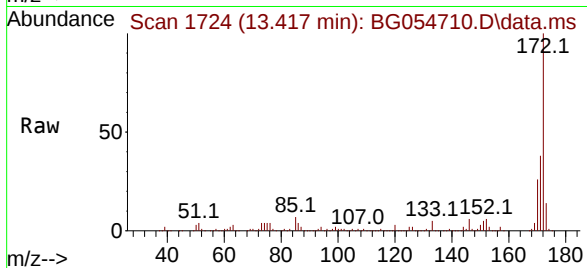
Tgt Ion:172 Resp: 877748

Ion Ratio Lower Upper

172 100

171 38.1 31.2 46.8

170 25.7 20.6 30.8



#48

2-Nitroaniline

Concen: 4.231 ng

RT: 13.417 min Scan# 1724

Delta R.T. -0.454 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

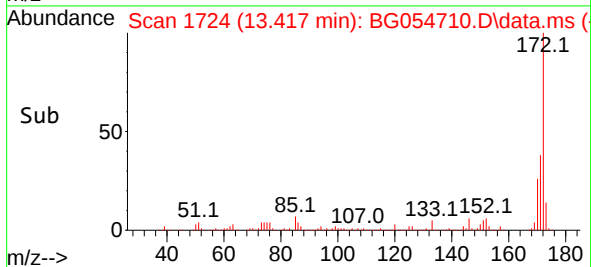
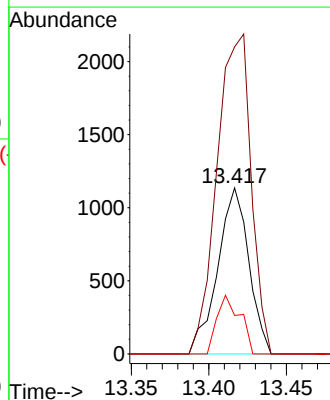
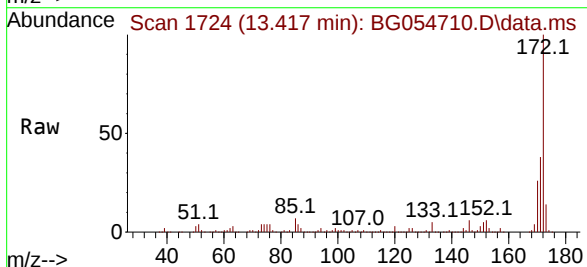
Tgt Ion: 65 Resp: 1583

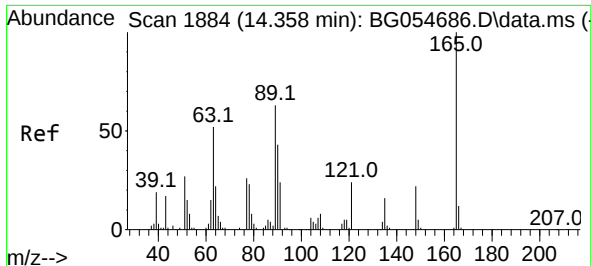
Ion Ratio Lower Upper

65 100

92 184.9 54.7 82.1#

138 23.2 84.1 126.1#

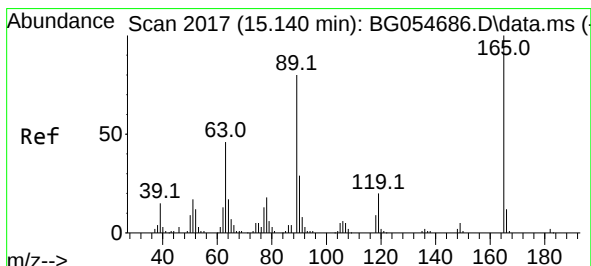
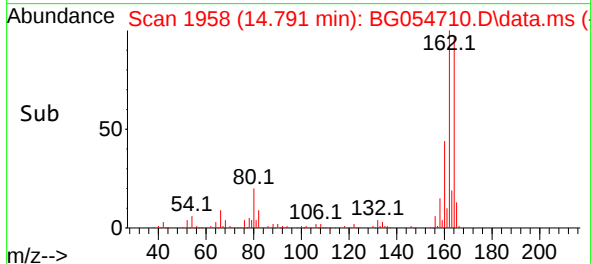
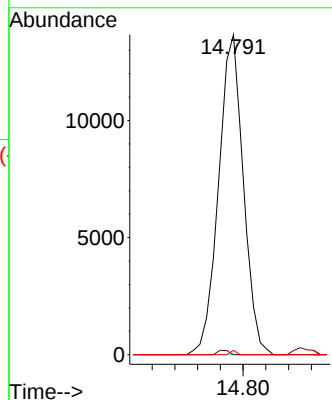
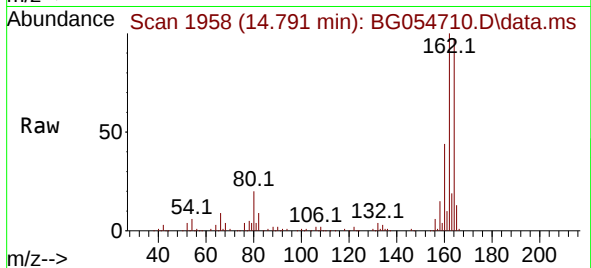




#51
2,6-Dinitrotoluene
Concen: 10.866 ng
RT: 14.791 min Scan# 1958
Delta R.T. 0.433 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

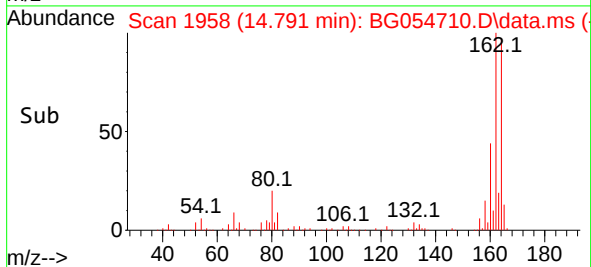
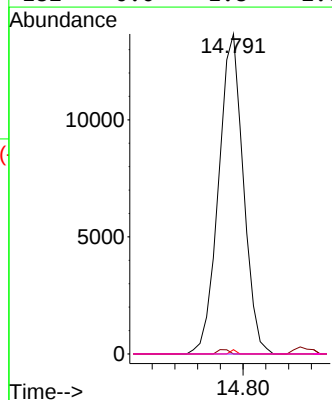
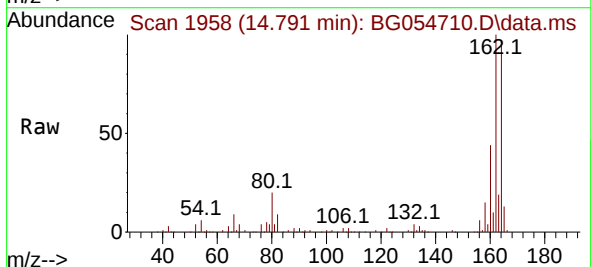
Instrument :
BNA_G
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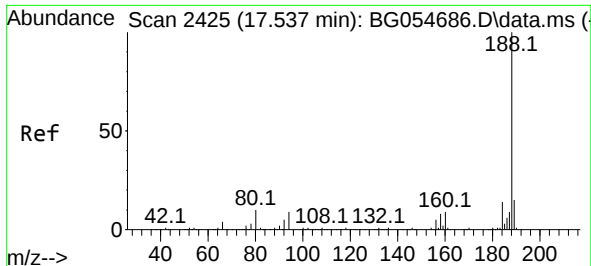
Tgt Ion:165 Resp: 20622
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.3 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.917 ng
RT: 14.791 min Scan# 1958
Delta R.T. -0.349 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

Tgt Ion:165 Resp: 20622
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 1.3 64.3 96.5#
182 0.0 1.8 2.6#

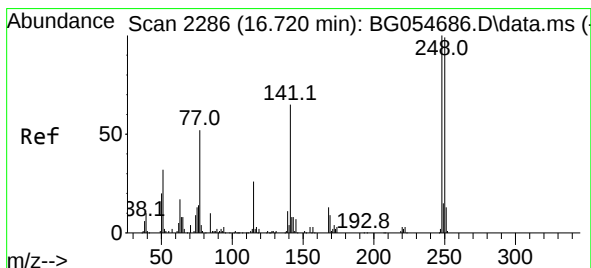
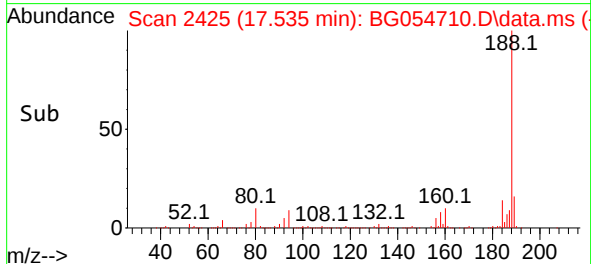
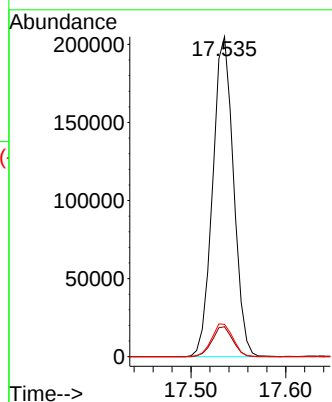
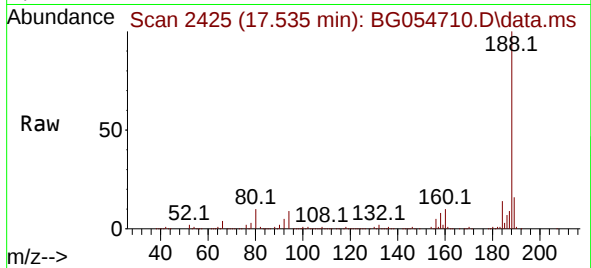




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

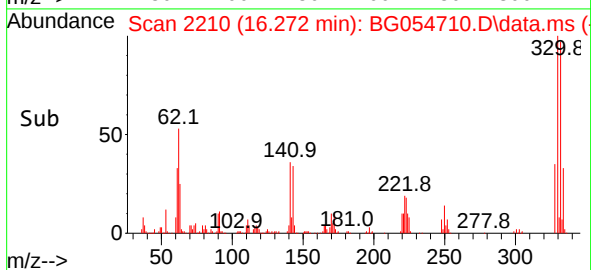
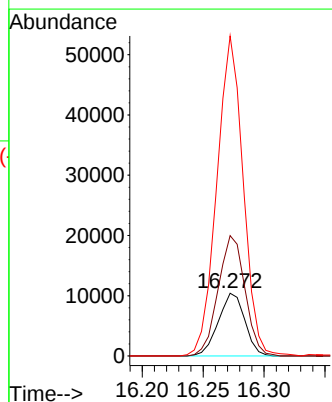
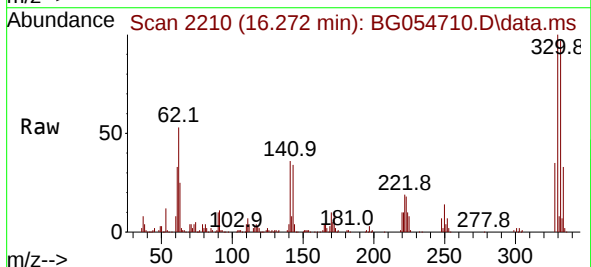
Instrument :
BNA_G
ClientSampleId :

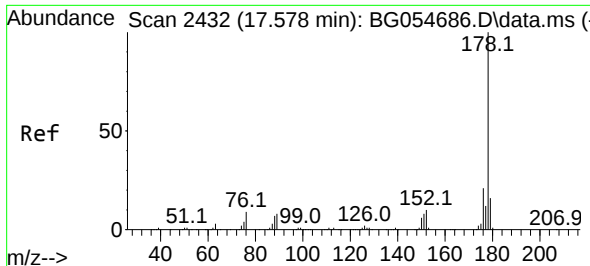
Tgt Ion:188 Resp: 312556
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.240 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.448 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

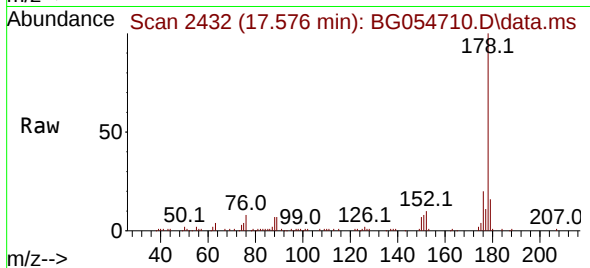
Tgt Ion:248 Resp: 15766
Ion Ratio Lower Upper
248 100
250 191.7 78.8 118.2#
141 509.5 51.9 77.9#



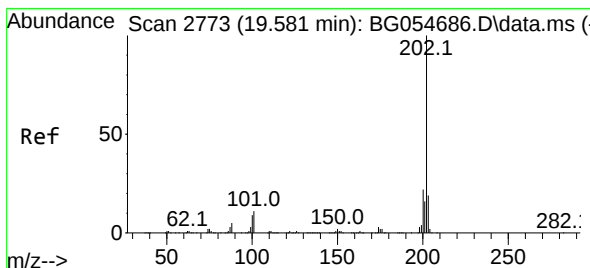
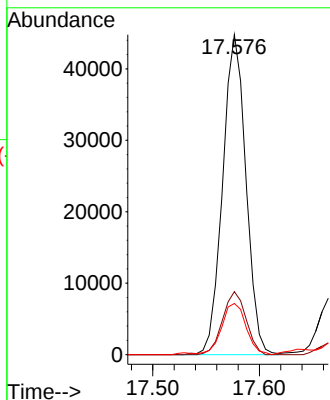
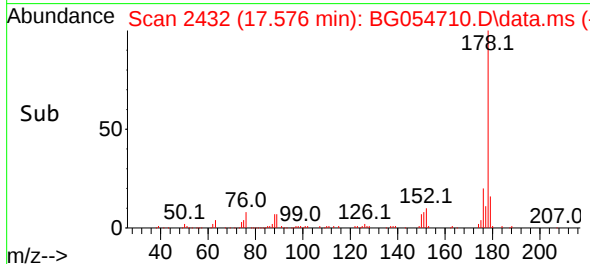


#71
Phenanthrene
Concen: 4.079 ng
RT: 17.576 min Scan# 2432
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

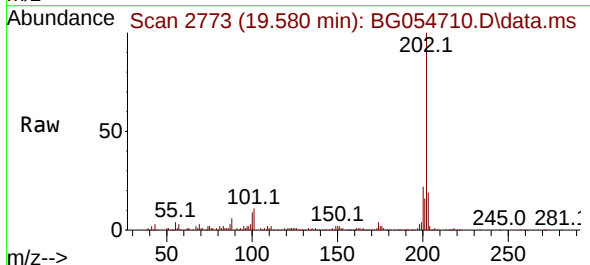
Instrument :
BNA_G
ClientSampleId :



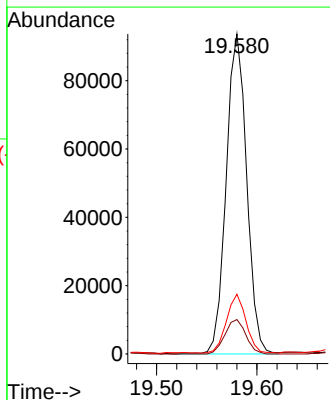
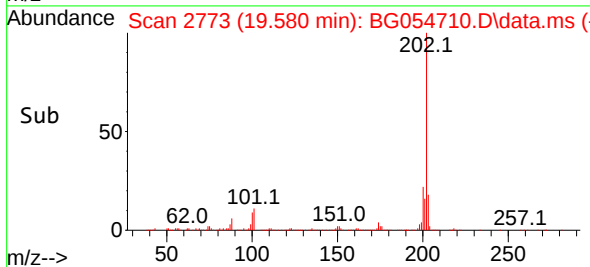
Tgt Ion:178 Resp: 67954
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 16.0 12.8 19.2

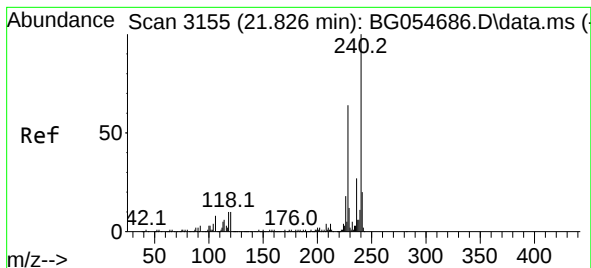


#75
Fluoranthene
Concen: 6.774 ng
RT: 19.580 min Scan# 2773
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52



Tgt Ion:202 Resp: 133060
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 18.6 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.830 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

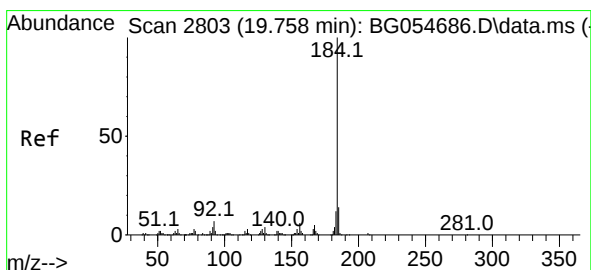
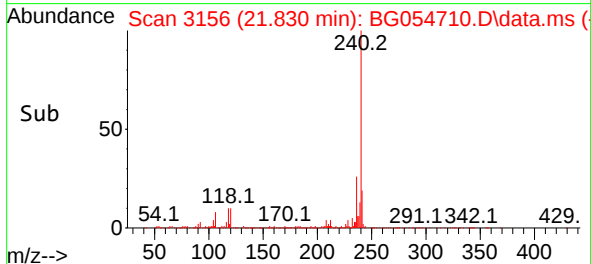
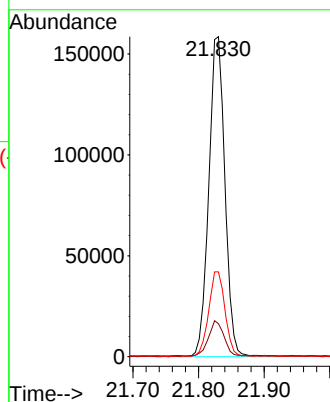
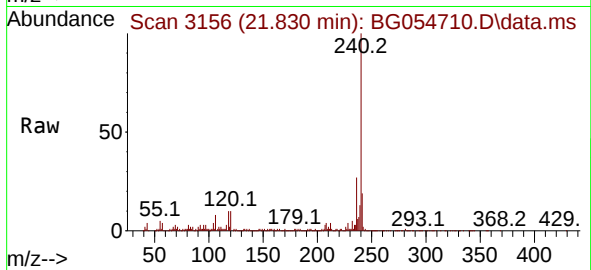
Tgt Ion:240 Resp: 271523

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.4

236 26.5 21.2 31.8



#77

Benzidine

Concen: 3.420 ng

RT: 20.138 min Scan# 2868

Delta R.T. 0.380 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

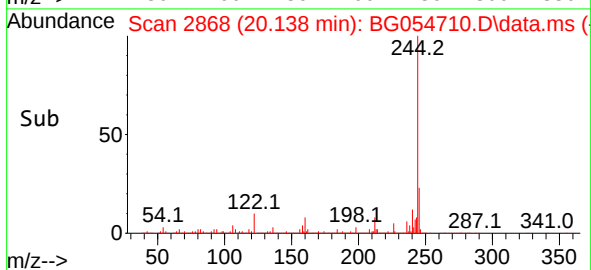
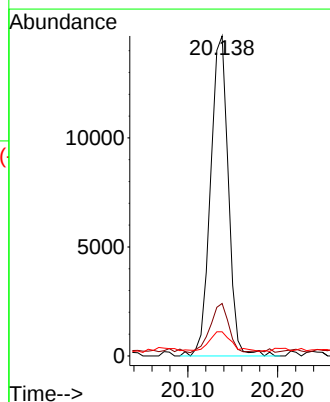
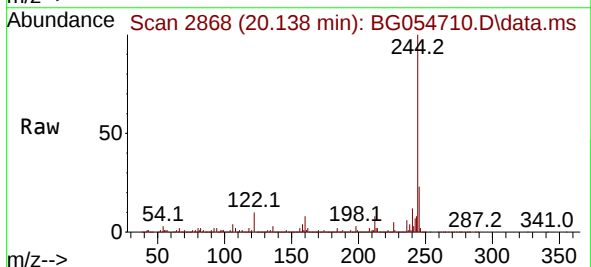
Tgt Ion:184 Resp: 20163

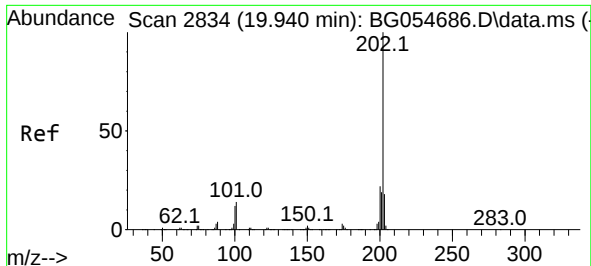
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.0

183 7.5 9.8 14.8#

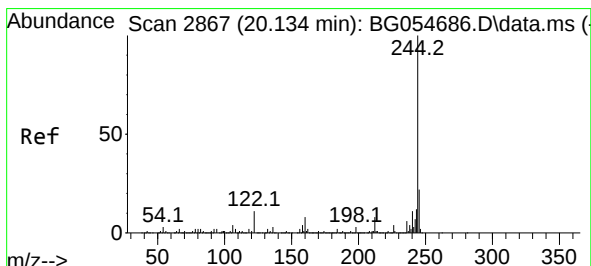
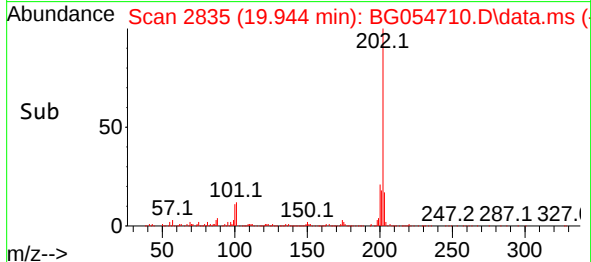
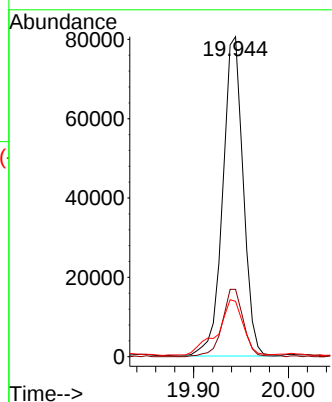
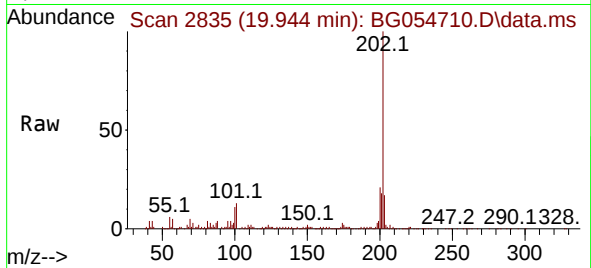




#78
 Pyrene
 Concen: 6.307 ng
 RT: 19.944 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG054710.D
 Acq: 23 Aug 2022 16:52

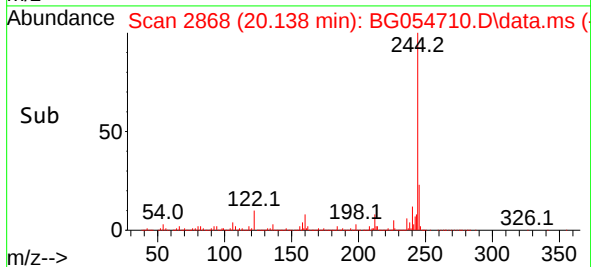
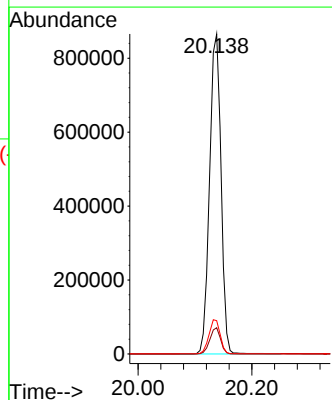
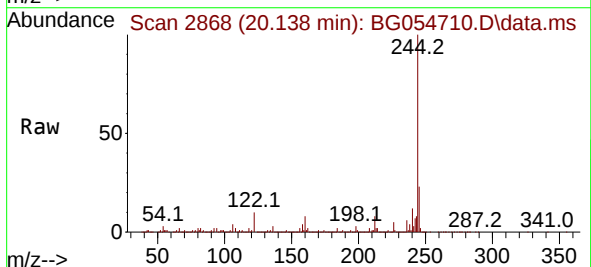
Instrument :
 BNA_G
 ClientSampleId :

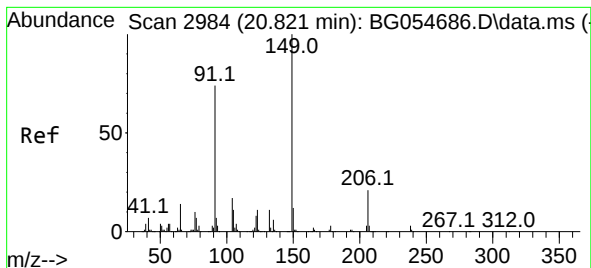
Tgt Ion:202 Resp: 120798
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.8 26.6
 203 17.3 14.6 21.8



#79
 Terphenyl-d14
 Concen: 87.910 ng
 RT: 20.138 min Scan# 2868
 Delta R.T. 0.004 min
 Lab File: BG054710.D
 Acq: 23 Aug 2022 16:52

Tgt Ion:244 Resp: 1201602
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 10.4 9.0 13.6





#80

Butylbenzylphthalate

Concen: 5.254 ng

RT: 20.814 min Scan# 2983

Delta R.T. -0.007 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

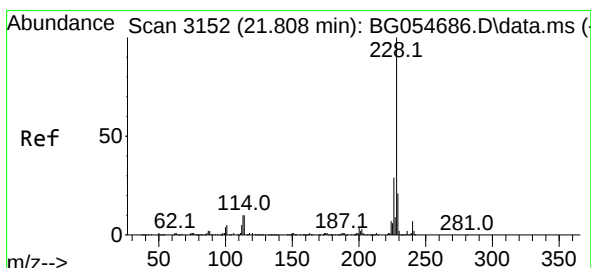
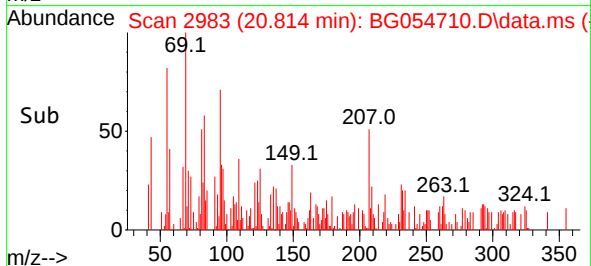
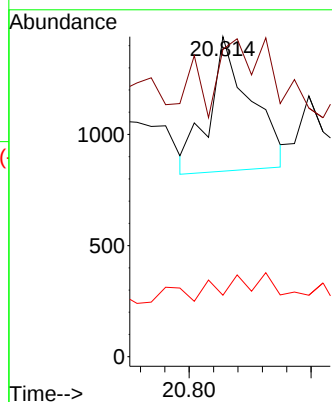
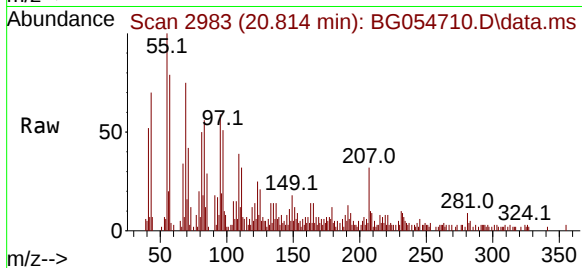
Tgt Ion:149 Resp: 721

Ion Ratio Lower Upper

149 100

91 96.0 59.5 89.3#

206 19.2 16.6 25.0



#81

Benzo(a)anthracene

Concen: 3.415 ng

RT: 21.807 min Scan# 3152

Delta R.T. -0.002 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

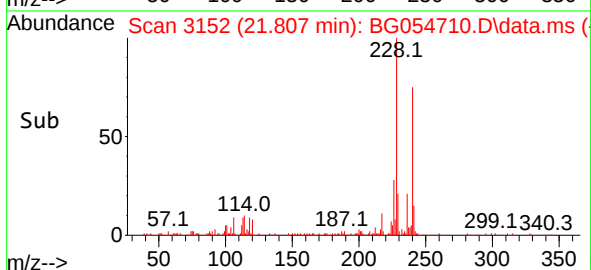
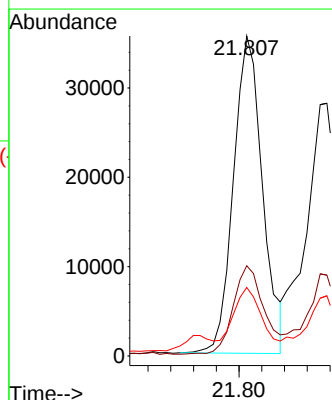
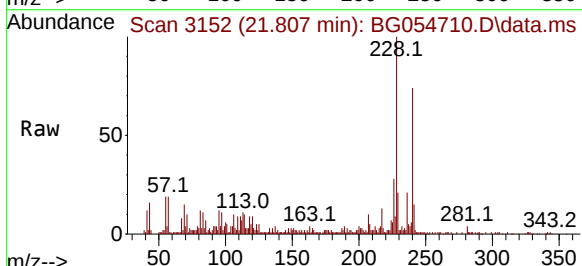
Tgt Ion:228 Resp: 62973

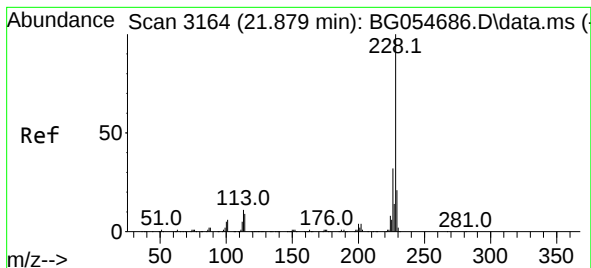
Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

229 21.4 16.5 24.7





#83

Chrysene

Concen: 3.281 ng

RT: 21.877 min Scan# 3164

Delta R.T. -0.002 min

Lab File: BG054710.D

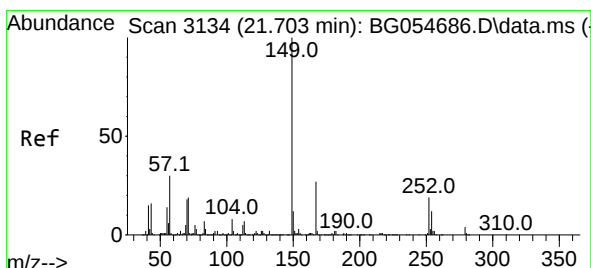
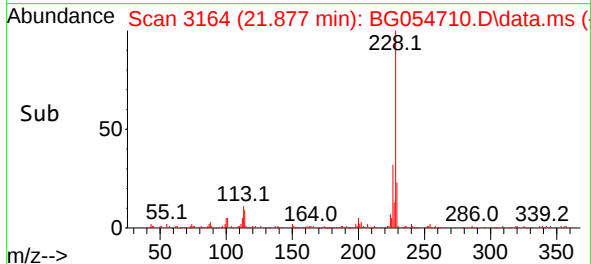
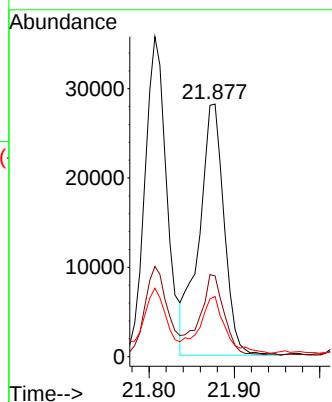
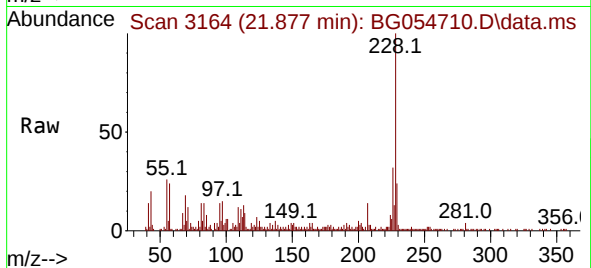
Acq: 23 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:228	Resp:	57582
Ion Ratio	Lower	Upper
228	100	
226	32.0	25.5 38.3
229	23.8	16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.419 ng

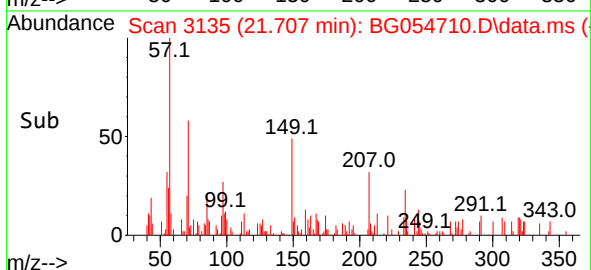
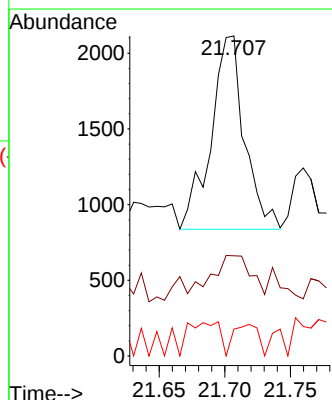
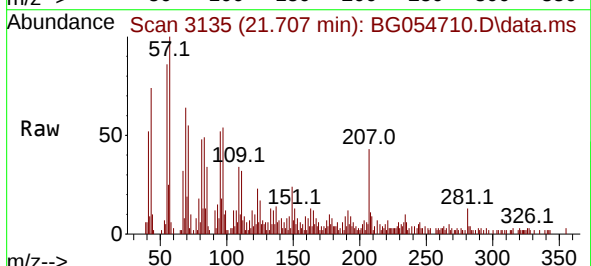
RT: 21.707 min Scan# 3135

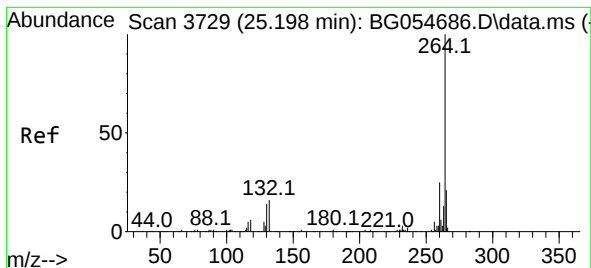
Delta R.T. 0.004 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

Tgt Ion:149	Resp:	2272
Ion Ratio	Lower	Upper
149	100	
167	31.3	21.4 32.0
279	8.4	3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :

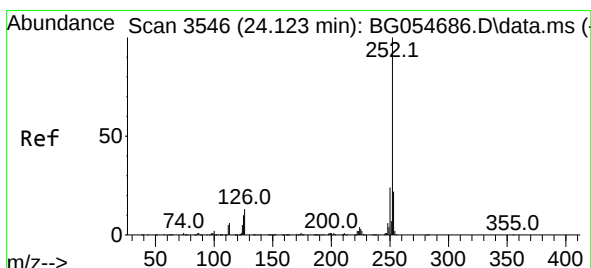
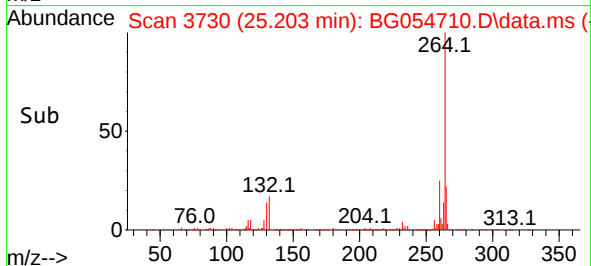
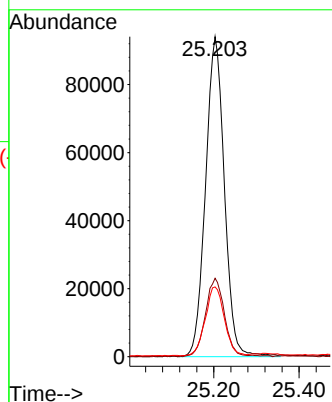
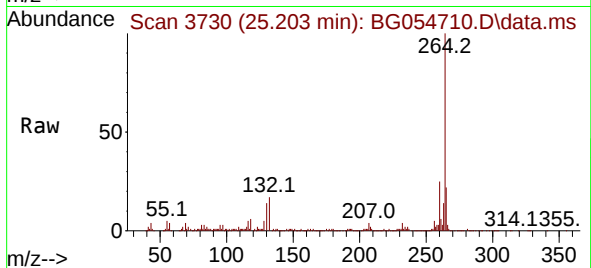
Tgt Ion:264 Resp: 288239

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 21.8 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 4.333 ng

RT: 24.128 min Scan# 3547

Delta R.T. 0.004 min

Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

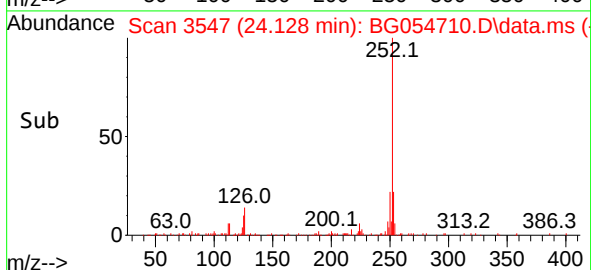
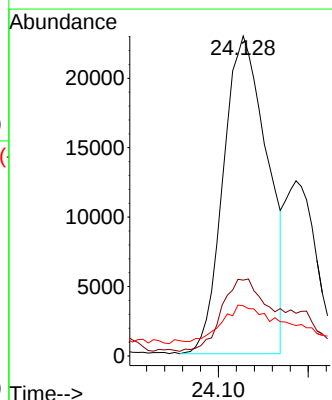
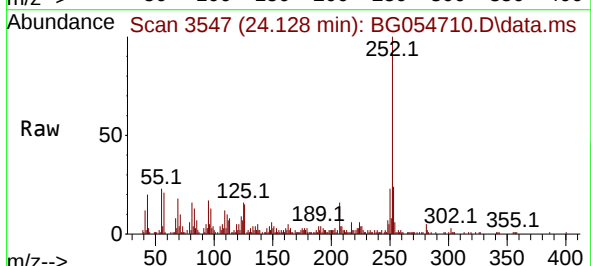
Tgt Ion:252 Resp: 77543

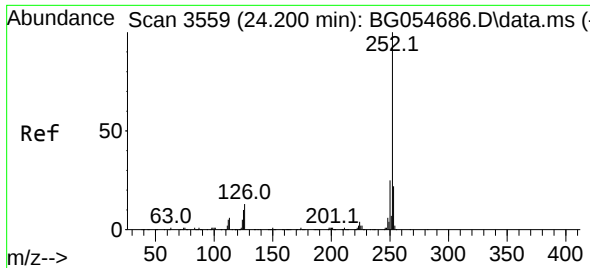
Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

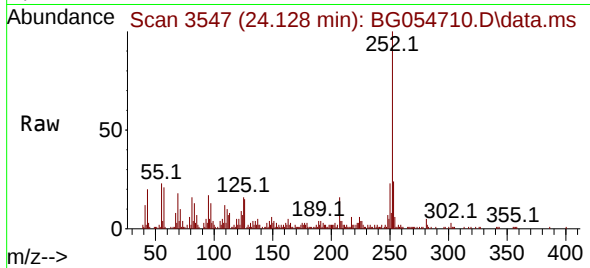
125 15.7 8.1 12.1#



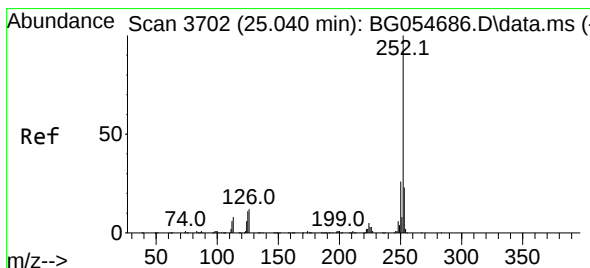
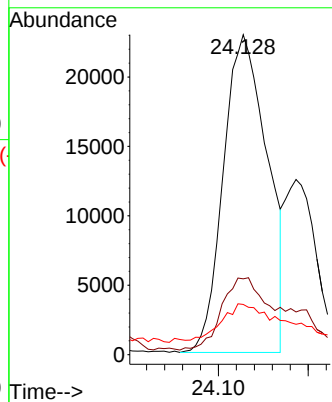
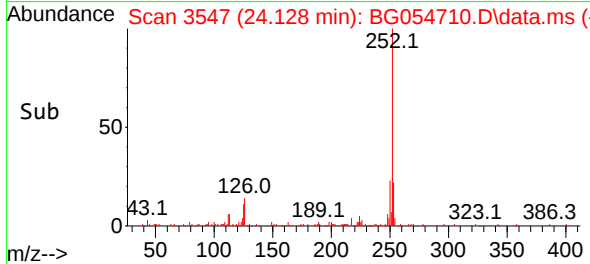


#89
Benzo(k)fluoranthene
Concen: 4.198 ng
RT: 24.128 min Scan# 31
Delta R.T. -0.072 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

Instrument :
BNA_G
ClientSampleId :

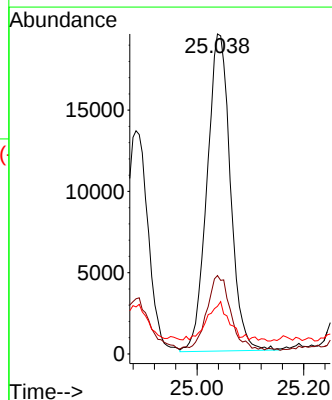
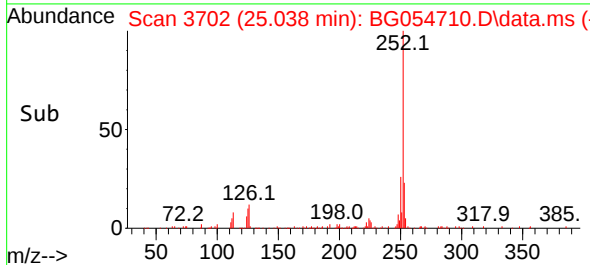
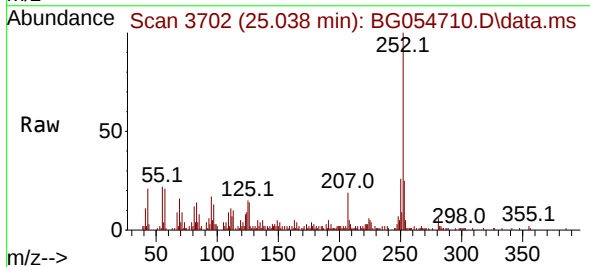


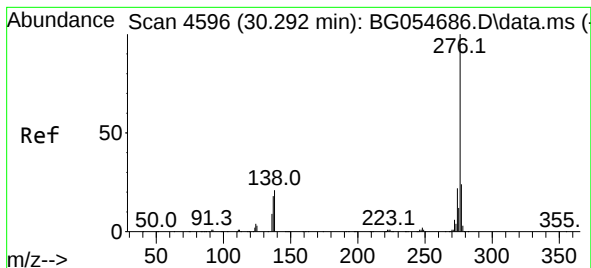
Tgt Ion:252 Resp: 77543
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 15.7 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 3.855 ng
RT: 25.038 min Scan# 3702
Delta R.T. -0.002 min
Lab File: BG054710.D
Acq: 23 Aug 2022 16:52

Tgt Ion:252 Resp: 59219
Ion Ratio Lower Upper
252 100
253 24.5 18.3 27.5
125 14.9 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 2.203 ng

RT: 30.285 min Scan# 4

Delta R.T. -0.007 min

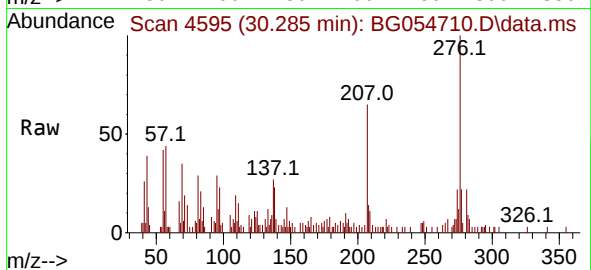
Lab File: BG054710.D

Acq: 23 Aug 2022 16:52

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	276	Resp:	38053
Ion Ratio	Lower	Upper	
276	100		
277	22.1	19.4	29.0
138	22.6	16.6	25.0

