

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054706.D
 Acq On : 23 Aug 2022 14:03
 Operator : CG/JU
 Sample : N4261-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 15:00:48 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)

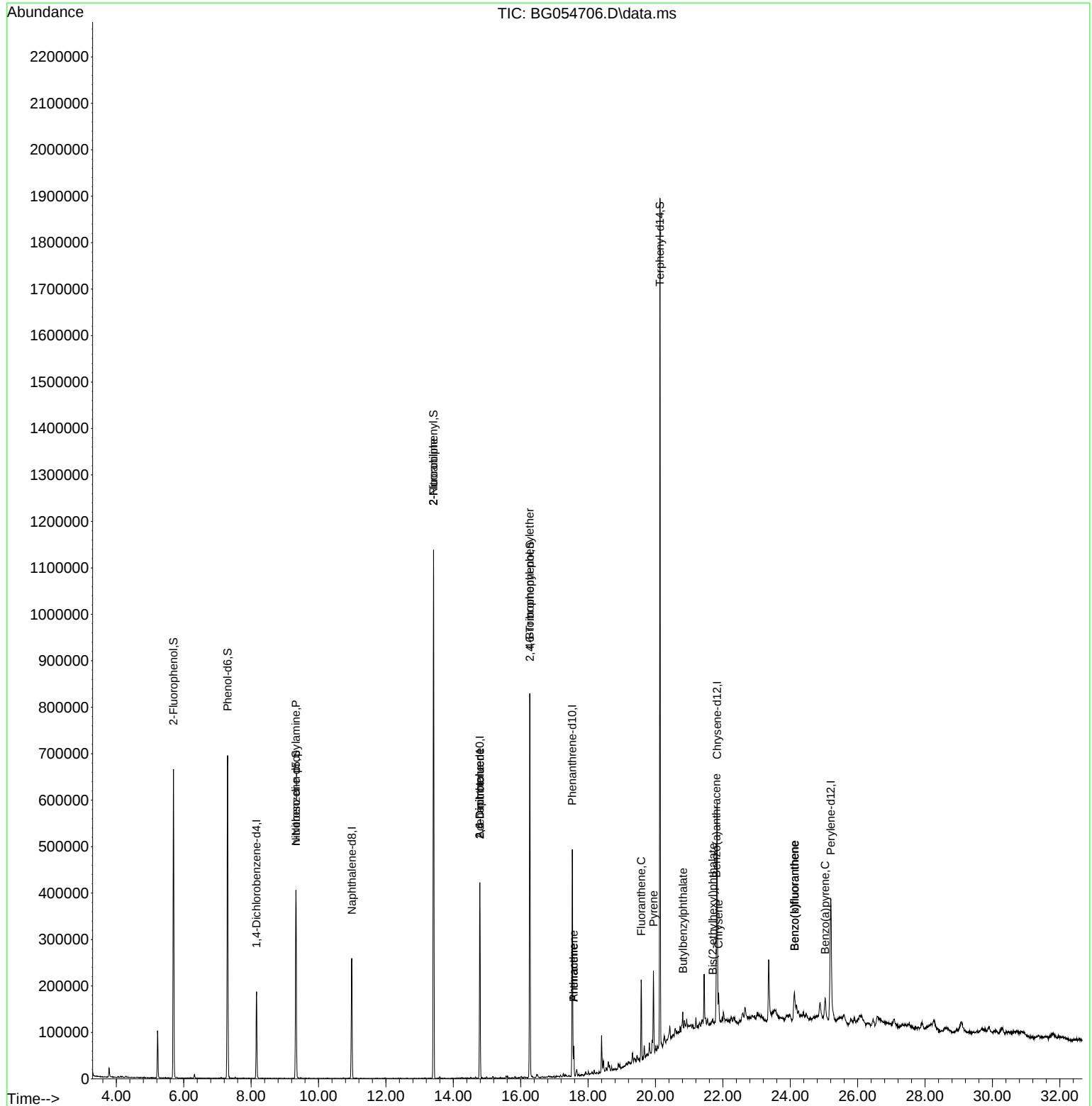
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	54329	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	226242	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	148012	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	308852	20.000	ng	0.00
76) Chrysene-d12	21.827	240	275544	20.000	ng	0.00
86) Perylene-d12	25.200	264	291985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	305340	105.908	ng	0.00
7) Phenol-d6	7.303	99	415569	102.870	ng	0.00
23) Nitrobenzene-d5	9.330	82	252624	63.634	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	161491	136.240	ng	0.00
45) 2-Fluorobiphenyl	13.414	172	604478	60.227	ng	0.00
79) Terphenyl-d14	20.135	244	865683	62.409	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.330	70	31534	11.095	ng	# 86
48) 2-Nitroaniline	13.414	65	886	3.956	ng	# 1
51) 2,6-Dinitrotoluene	14.788	165	19274	10.633	ng	# 20
57) 2,4-Dinitrotoluene	14.788	165	19274	10.775	ng	# 18
67) 4-Bromophenyl-phenylether	16.269	248	10860	3.653	ng	# 1
71) Phenanthrene	17.573	178	40862	2.482	ng	98
72) Anthracene	17.573	178	40862	2.561	ng	98
75) Fluoranthene	19.577	202	106996	5.513	ng	98
78) Pyrene	19.941	202	105301	5.418	ng	99
80) Butylbenzylphthalate	20.817	149	1119	5.309	ng	# 45
81) Benzo(a)anthracene	21.810	228	54934	2.935	ng	98
83) Chrysene	21.874	228	49176	2.761	ng	98
84) Bis(2-ethylhexyl)phtha...	21.704	149	3690	4.549	ng	# 80
88) Benzo(b)fluoranthene	24.130	252	67286	3.711	ng	# 96
89) Benzo(k)fluoranthene	24.130	252	67286	3.596	ng	# 96
90) Benzo(a)pyrene	25.035	252	52667	3.384	ng	# 94

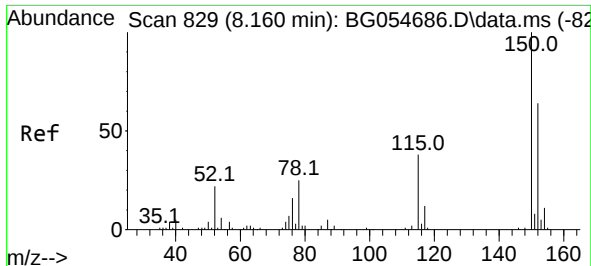
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG054706.D
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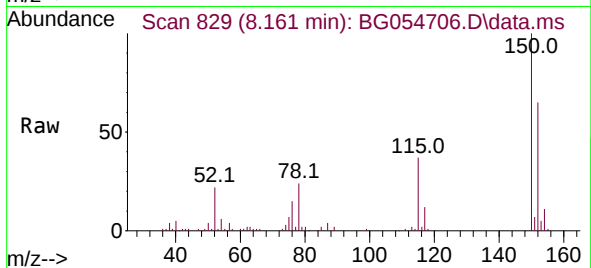
Quant Time: Aug 23 15:00:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
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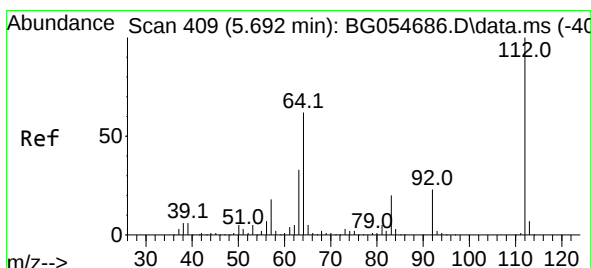
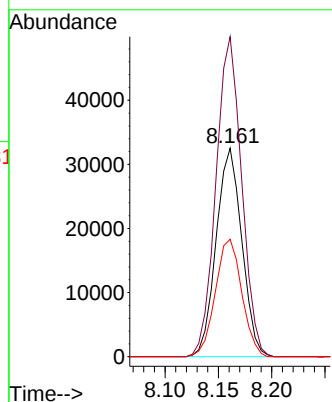
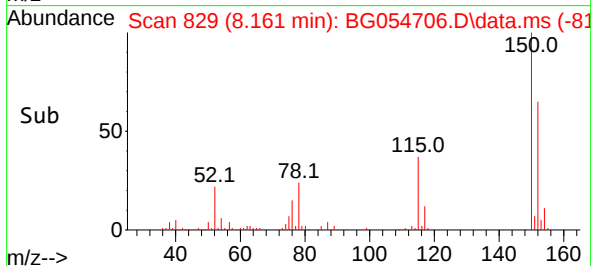


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

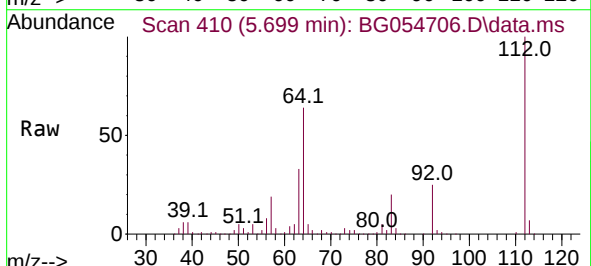
Instrument :
BNA_G
ClientSampleId :



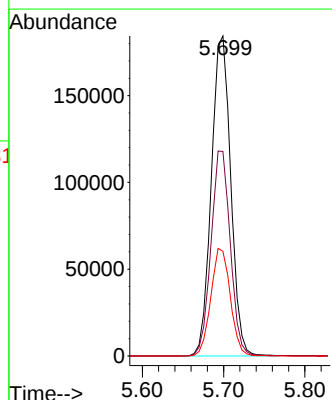
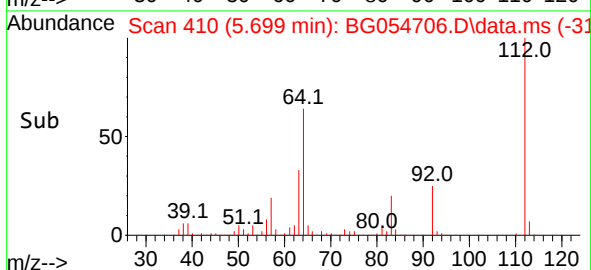
Tgt Ion:152 Resp: 54329
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 56.3 47.9 71.9

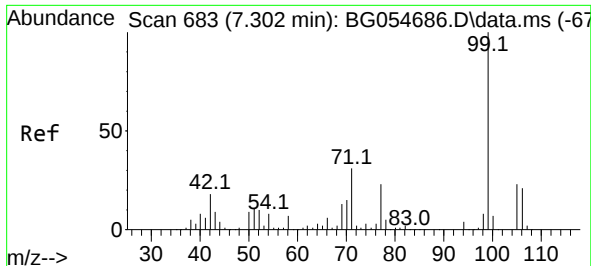


#5
2-Fluorophenol
Concen: 105.908 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.007 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



Tgt Ion:112 Resp: 305340
Ion Ratio Lower Upper
112 100
64 63.9 49.3 73.9
63 32.7 26.3 39.5

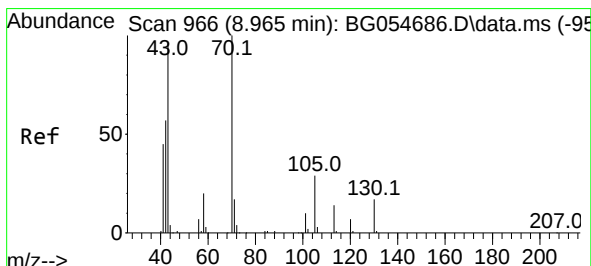
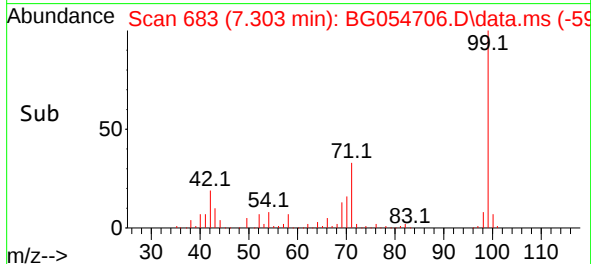
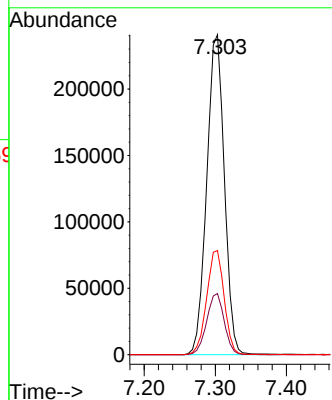
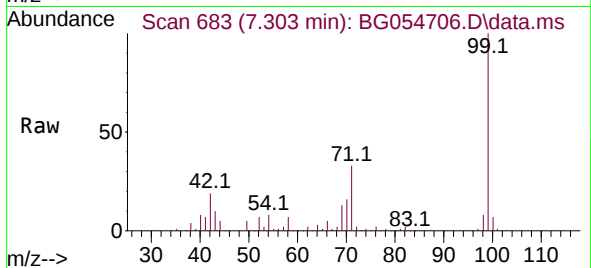




#7
Phenol-d6
Concen: 102.870 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

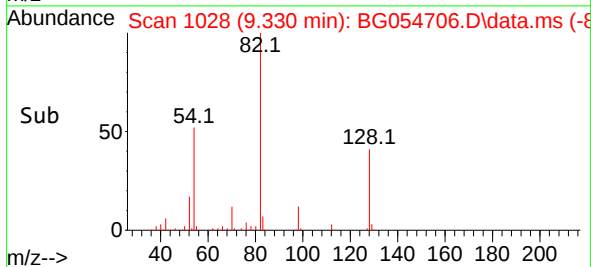
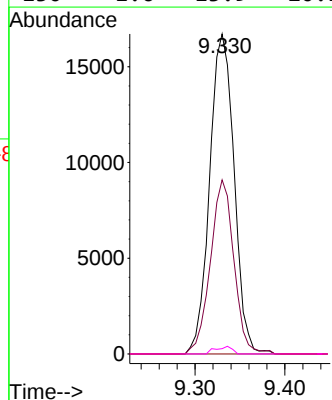
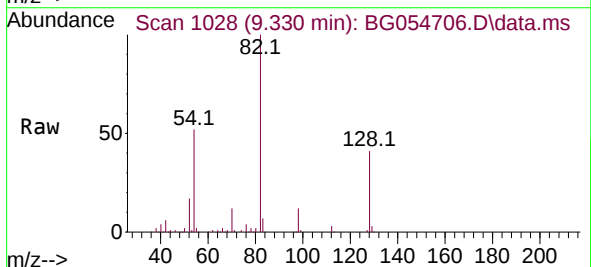
Instrument :
BNA_G
ClientSampleId :

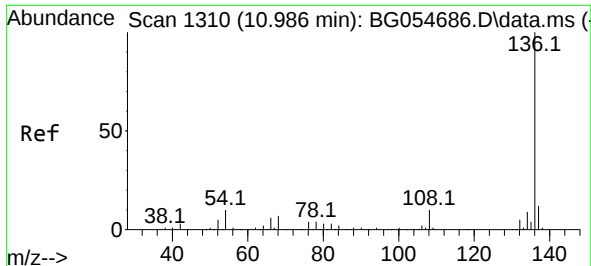
Tgt Ion: 99 Resp: 415569
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 32.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.095 ng
RT: 9.330 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

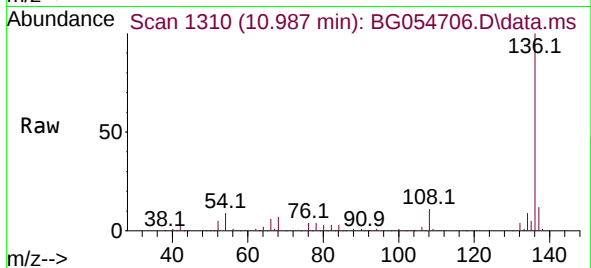
Tgt Ion: 70 Resp: 31534
Ion Ratio Lower Upper
70 100
42 54.4 46.6 69.8
101 0.0 7.7 11.5#
130 1.6 13.9 20.9#



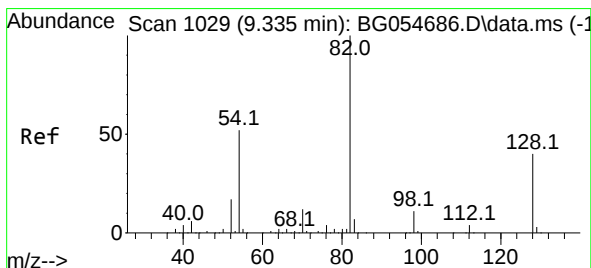
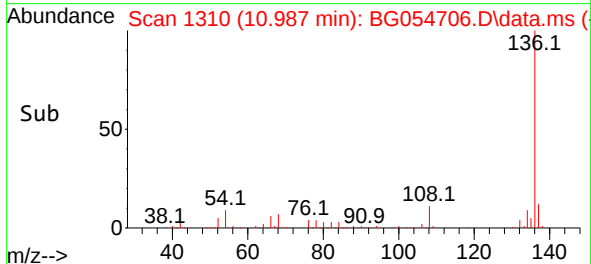
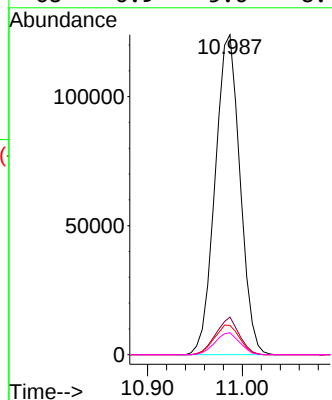


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Instrument :
BNA_G
ClientSampleId :

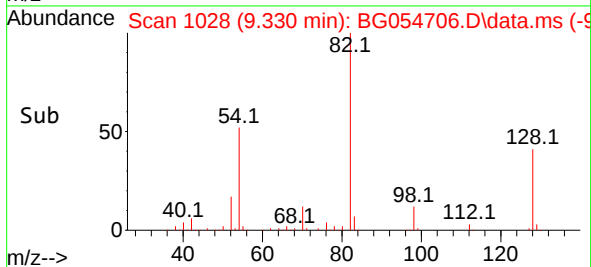
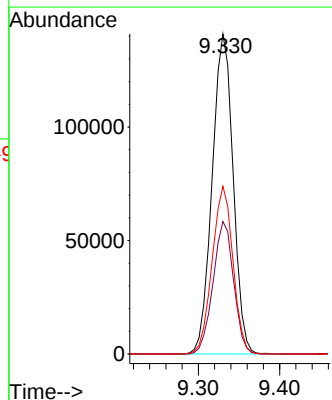
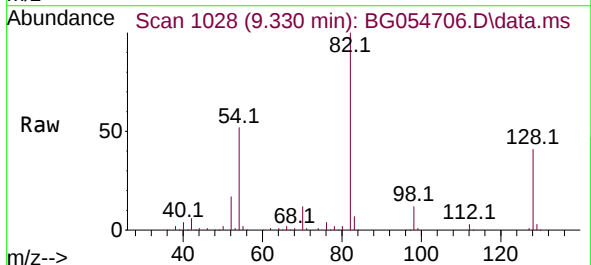


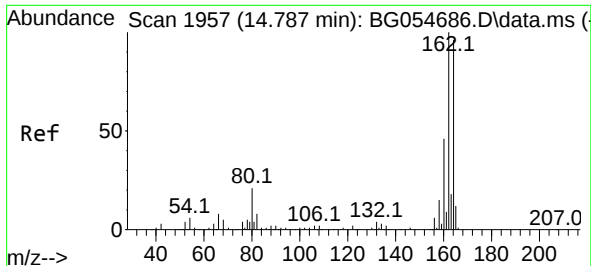
Tgt Ion:	136	Resp:	226242
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	9.2	7.7	11.5
68	6.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 63.634 ng
RT: 9.330 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

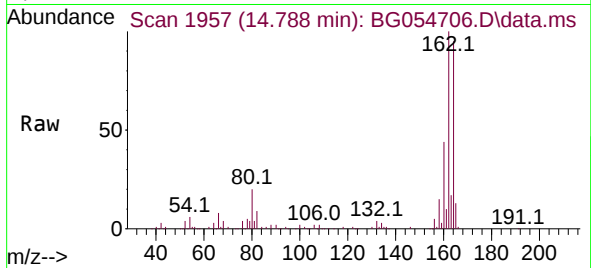
Tgt Ion:	82	Resp:	252624
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.2	48.2
54	52.4	41.4	62.0



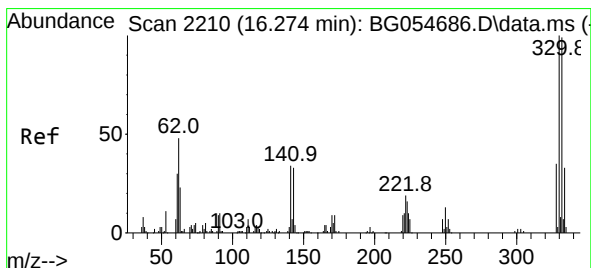
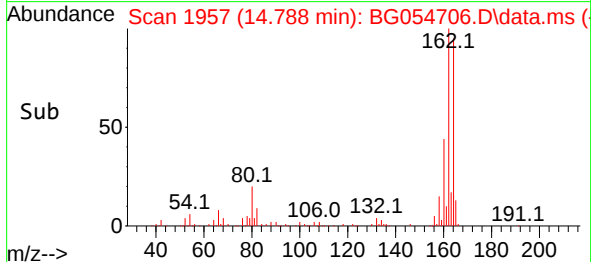
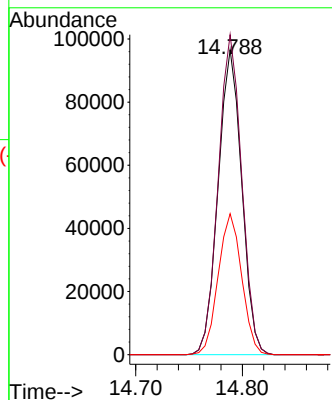


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Instrument :
BNA_G
ClientSampleId :

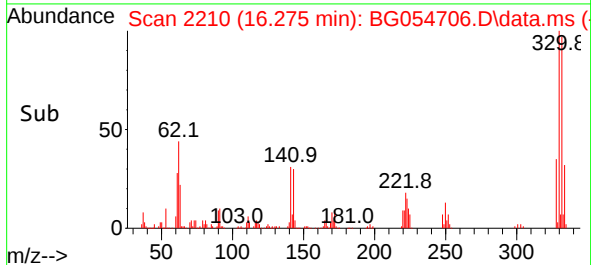
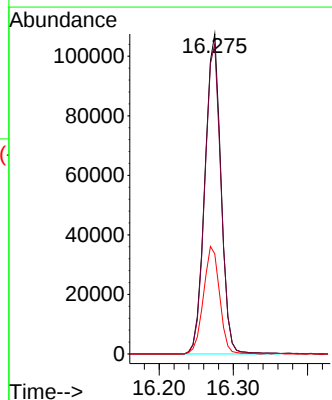
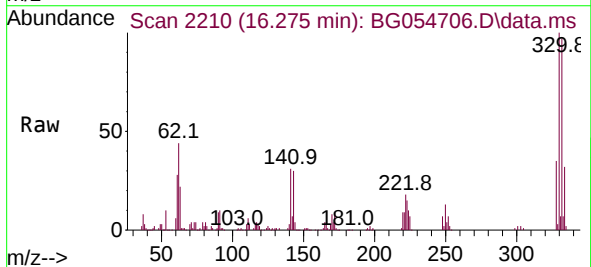


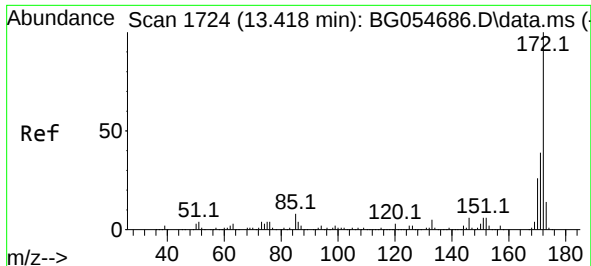
Tgt Ion:164 Resp: 148012
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 136.240 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Tgt Ion:330 Resp: 161491
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 33.8 26.8 40.2

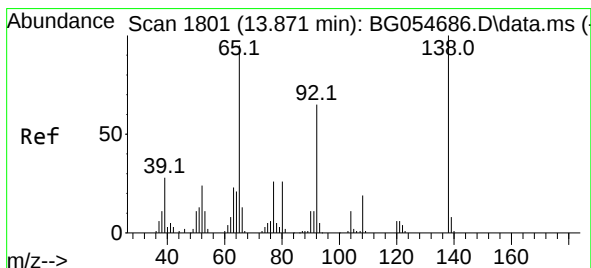
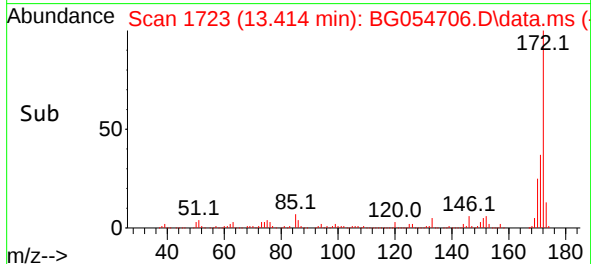
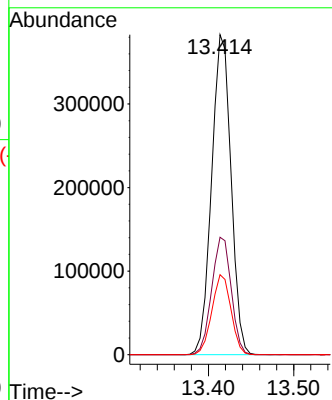
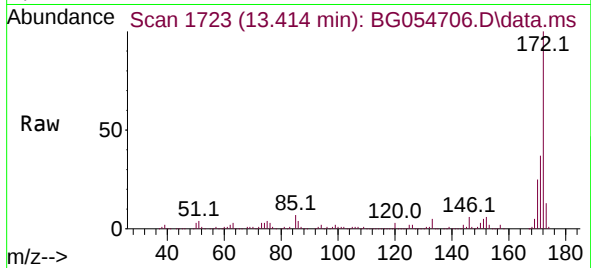




#45
2-Fluorobiphenyl
Concen: 60.227 ng
RT: 13.414 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

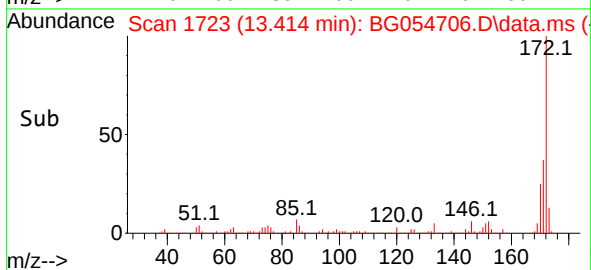
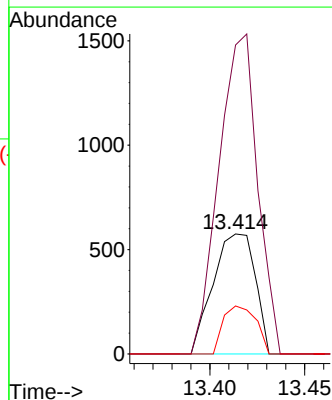
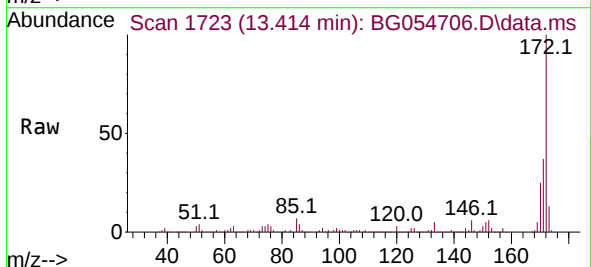
Instrument :
BNA_G
ClientSampleId :

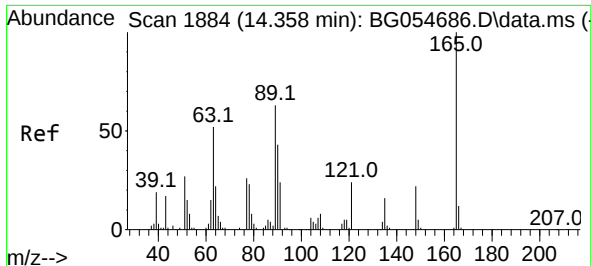
Tgt Ion:172 Resp: 604478
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 25.0 20.6 30.8



#48
2-Nitroaniline
Concen: 3.956 ng
RT: 13.414 min Scan# 1723
Delta R.T. -0.457 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Tgt Ion: 65 Resp: 886
Ion Ratio Lower Upper
65 100
92 257.4 54.7 82.1#
138 40.0 84.1 126.1#

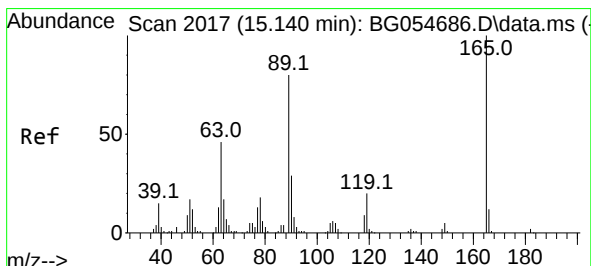
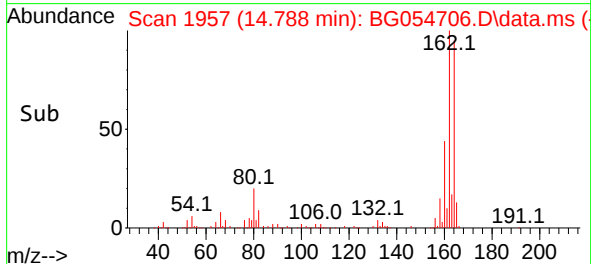
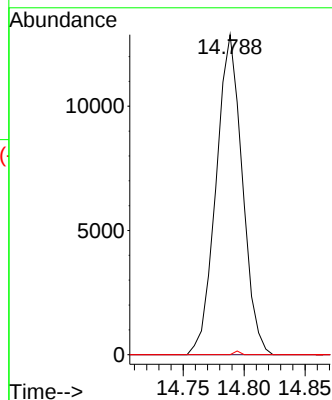
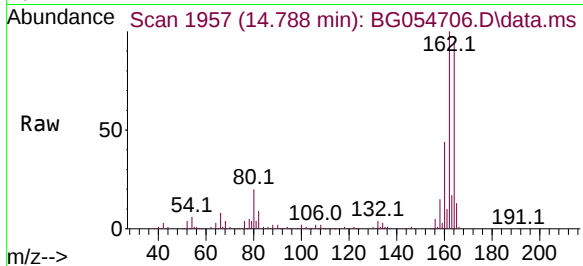




#51
2,6-Dinitrotoluene
Concen: 10.633 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.430 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

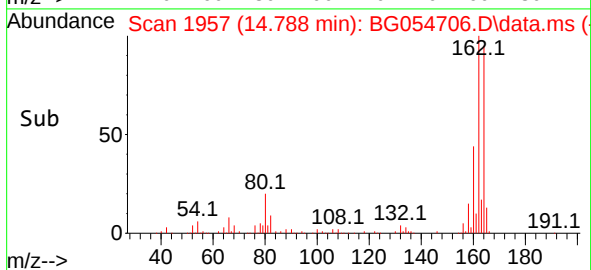
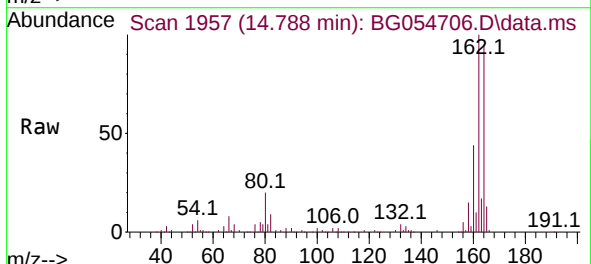
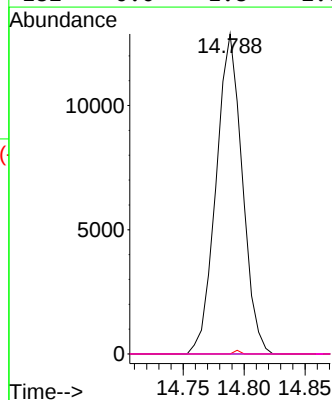
Instrument :
BNA_G
ClientSampleId :

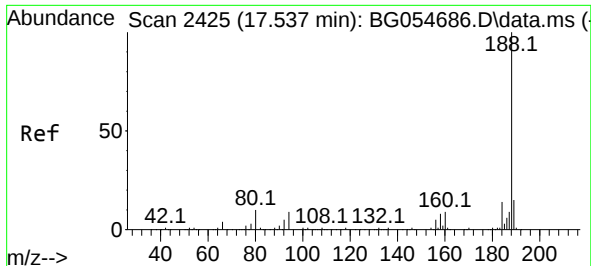
Tgt Ion:165 Resp: 19274
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.775 ng
RT: 14.788 min Scan# 1957
Delta R.T. -0.352 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

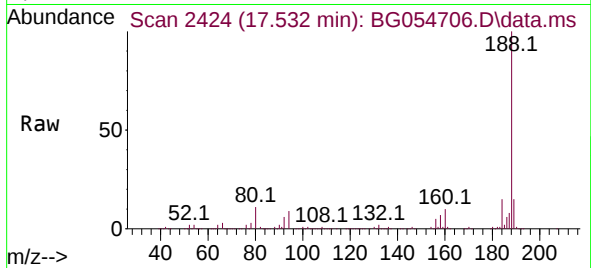
Tgt Ion:165 Resp: 19274
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



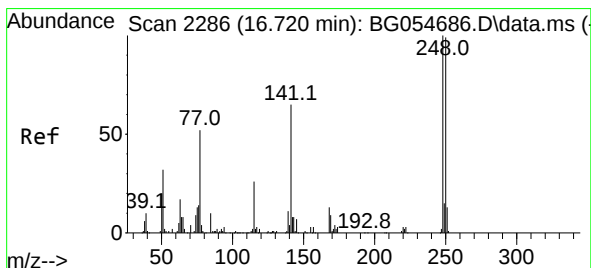
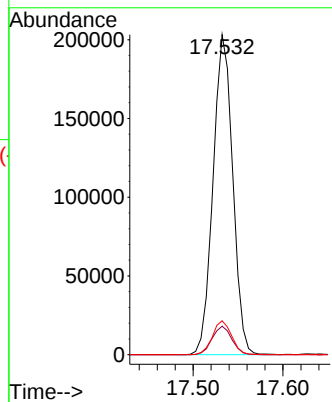
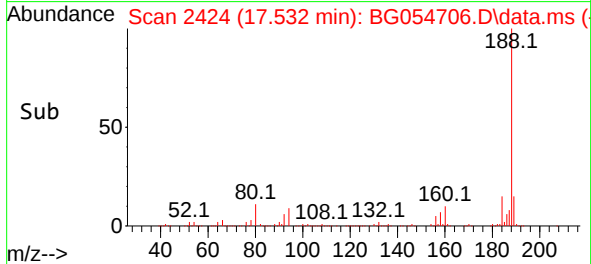


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

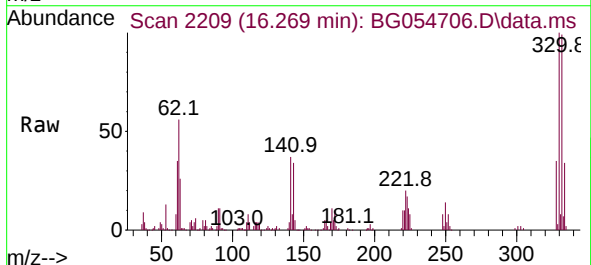
Instrument :
BNA_G
ClientSampleId :



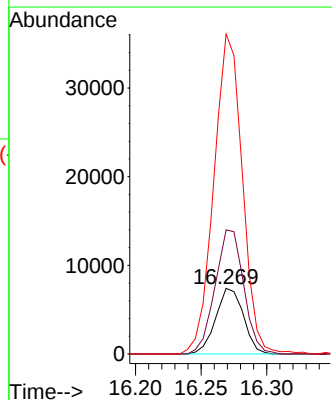
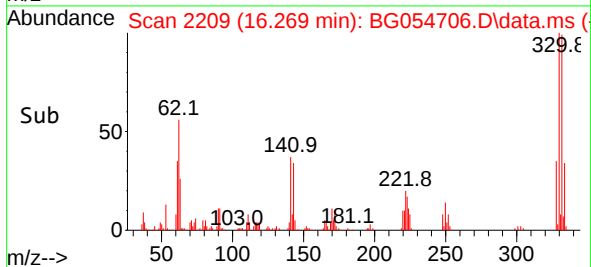
Tgt Ion:188 Resp: 308852
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.6 7.9 11.9

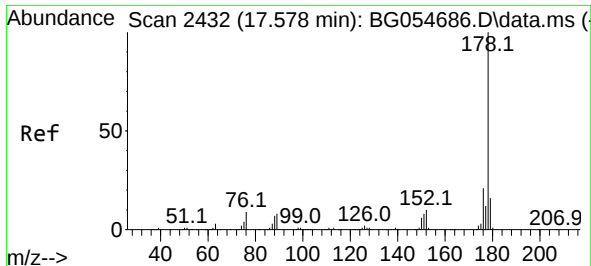


#67
4-Bromophenyl-phenylether
Concen: 3.653 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.451 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



Tgt Ion:248 Resp: 10860
Ion Ratio Lower Upper
248 100
250 189.2 78.8 118.2#
141 487.8 51.9 77.9#

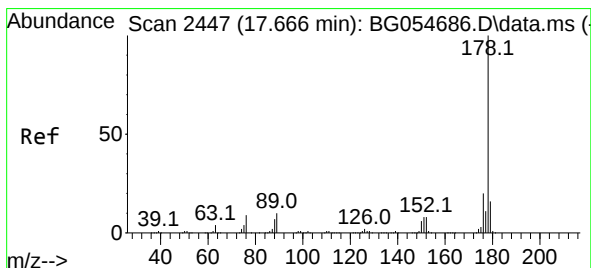
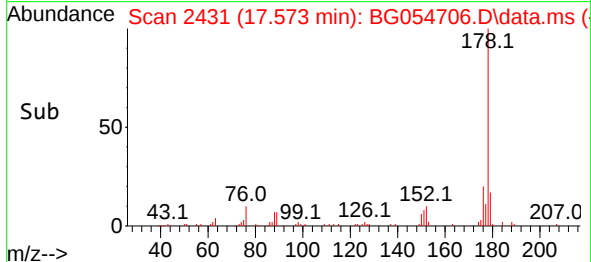
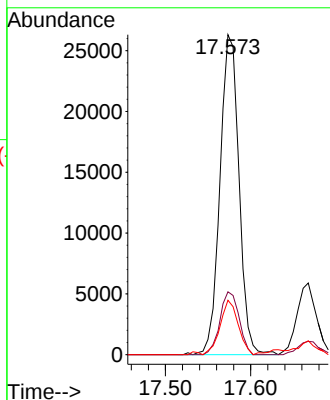
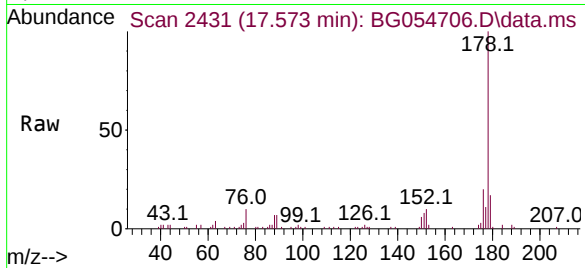




#71
 Phenanthrene
 Concen: 2.482 ng
 RT: 17.573 min Scan# 2431
 Delta R.T. -0.005 min
 Lab File: BG054706.D
 Acq: 23 Aug 2022 14:03

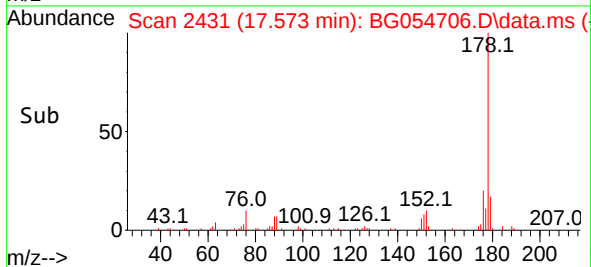
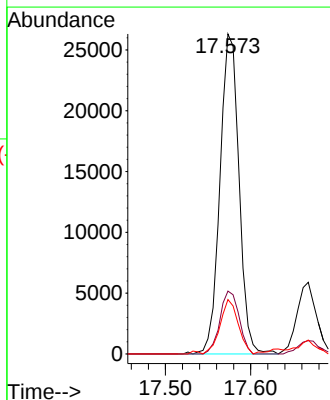
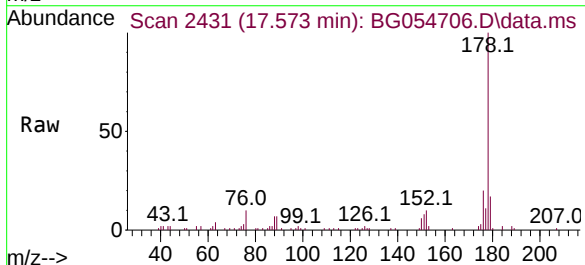
Instrument :
 BNA_G
 ClientSampleId :

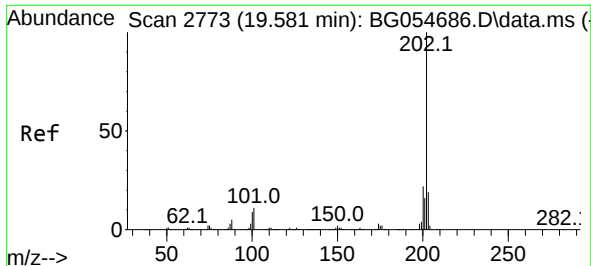
Tgt Ion:178 Resp: 40862
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 17.0 12.8 19.2



#72
 Anthracene
 Concen: 2.561 ng
 RT: 17.573 min Scan# 2431
 Delta R.T. -0.093 min
 Lab File: BG054706.D
 Acq: 23 Aug 2022 14:03

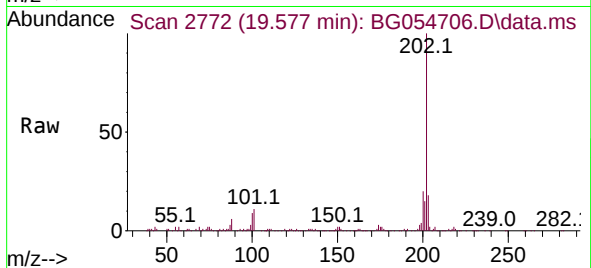
Tgt Ion:178 Resp: 40862
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 17.0 12.9 19.3



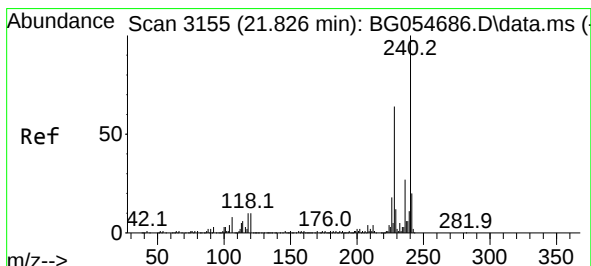
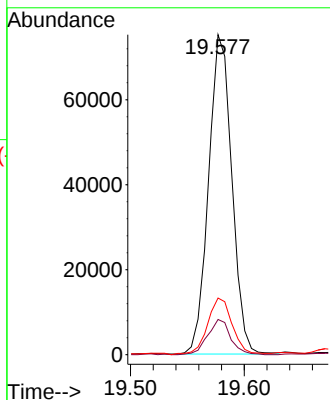
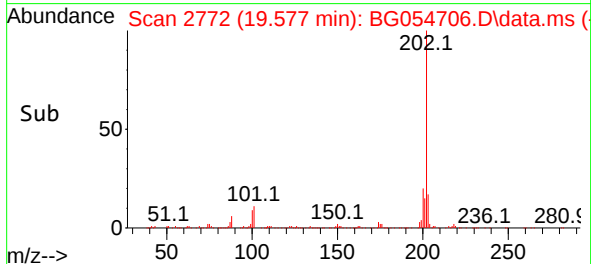


#75
Fluoranthene
Concen: 5.513 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

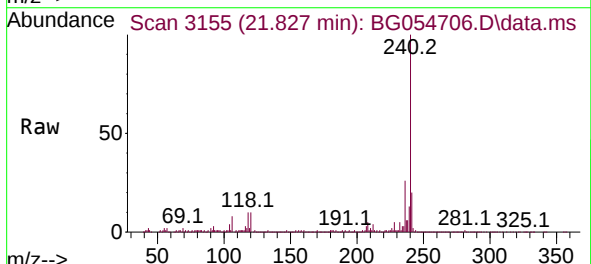
Instrument :
BNA_G
ClientSampleId :



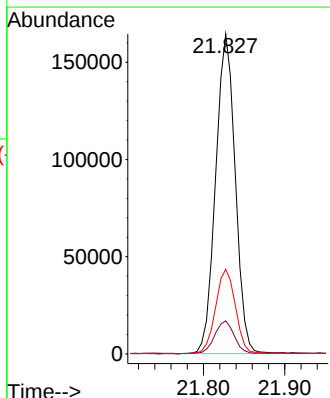
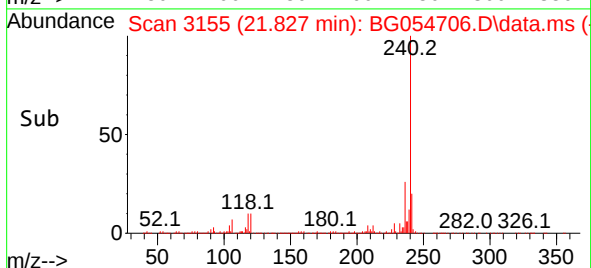
Tgt Ion:202 Resp: 106996
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.7 0.0 38.6

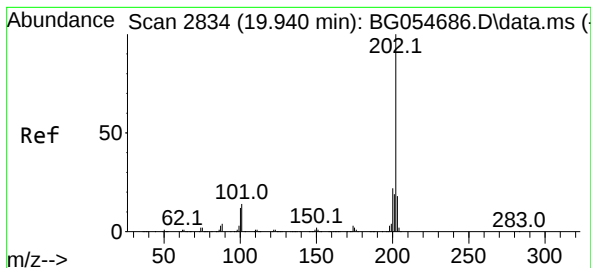


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03



Tgt Ion:240 Resp: 275544
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.5 21.2 31.8





#78

Pyrene

Concen: 5.418 ng

RT: 19.941 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

Instrument :

BNA_G

ClientSampleId :

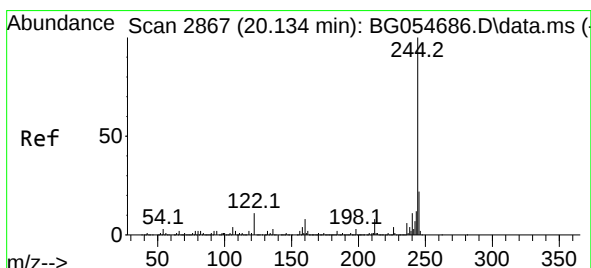
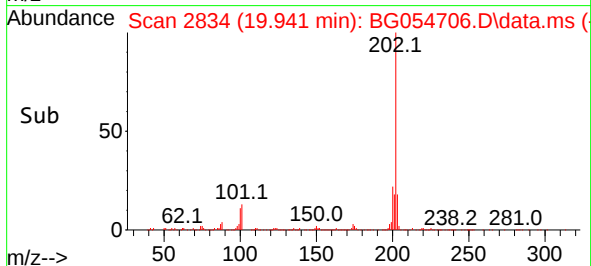
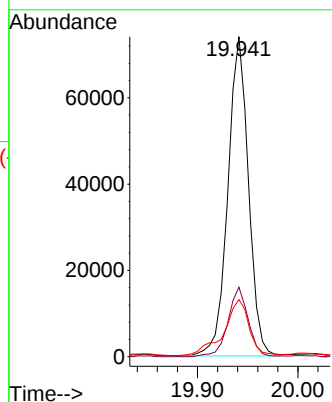
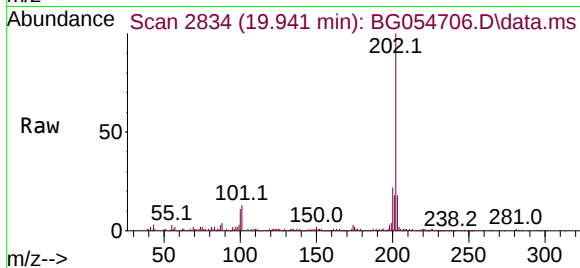
Tgt Ion:202 Resp: 105301

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

203 17.8 14.6 21.8



#79

Terphenyl-d14

Concen: 62.409 ng

RT: 20.135 min Scan# 2867

Delta R.T. 0.001 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

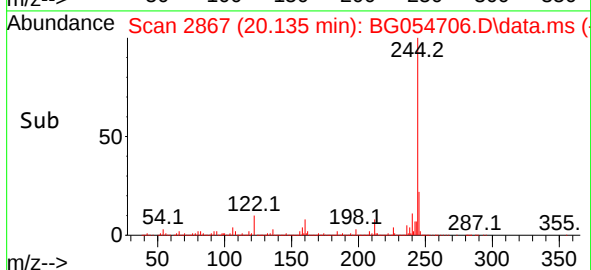
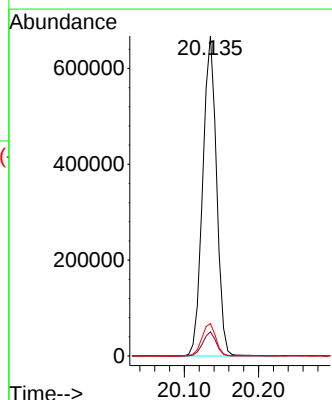
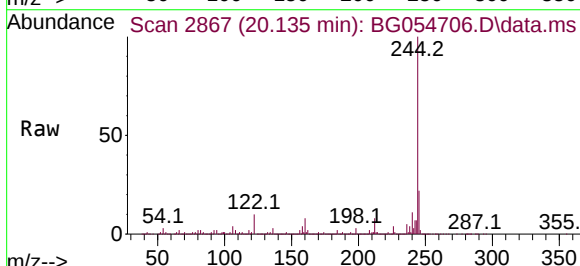
Tgt Ion:244 Resp: 865683

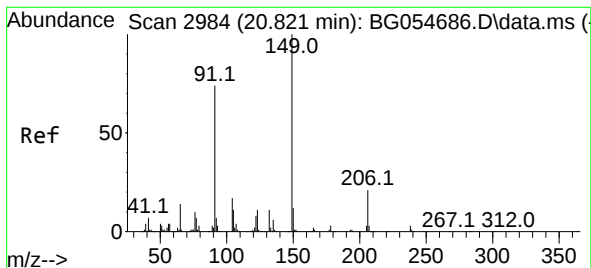
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.1 9.0 13.6





#80

Butylbenzylphthalate

Concen: 5.309 ng

RT: 20.817 min Scan# 2984

Delta R.T. -0.004 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

Instrument :

BNA_G

ClientSampleId :

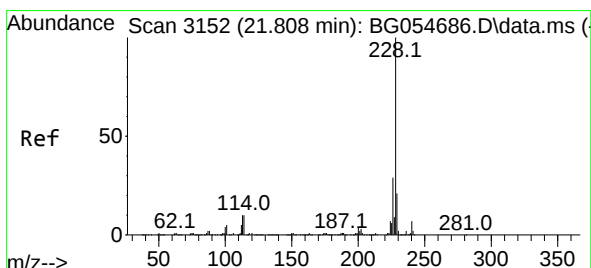
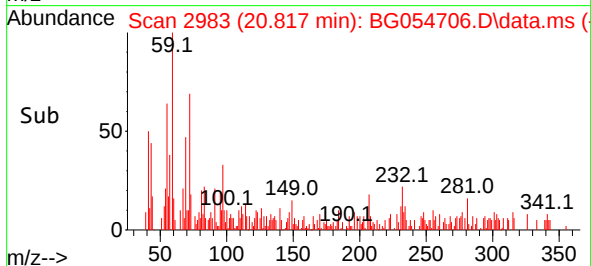
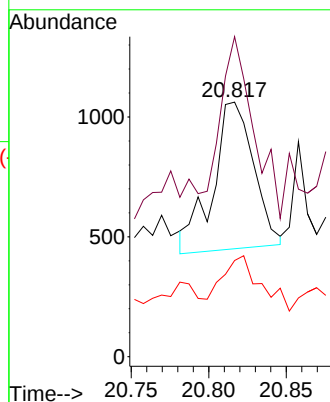
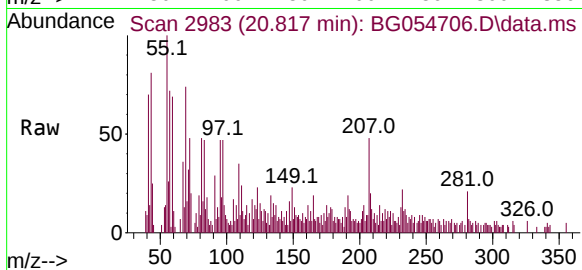
Tgt Ion:149 Resp: 1119

Ion Ratio Lower Upper

149 100

91 125.7 59.5 89.3#

206 37.8 16.6 25.0#



#81

Benzo(a)anthracene

Concen: 2.935 ng

RT: 21.810 min Scan# 3152

Delta R.T. 0.001 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

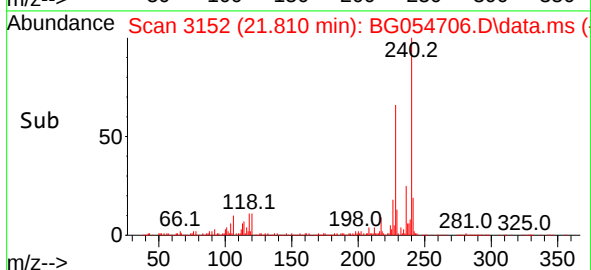
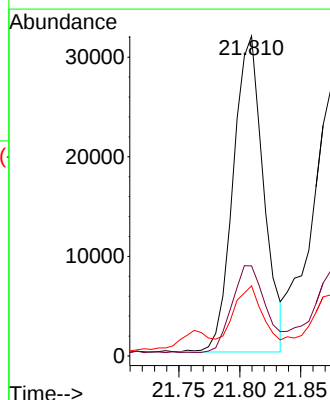
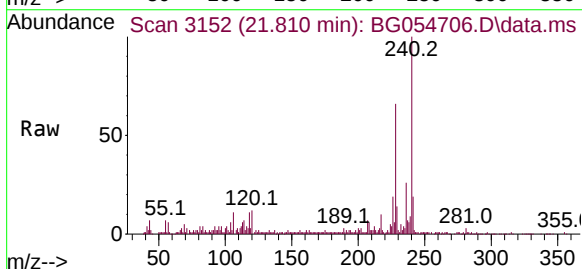
Tgt Ion:228 Resp: 54934

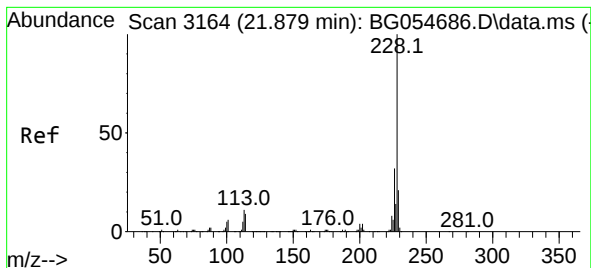
Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

229 21.9 16.5 24.7





#83

Chrysene

Concen: 2.761 ng

RT: 21.874 min Scan# 3164

Delta R.T. -0.005 min

Lab File: BG054706.D

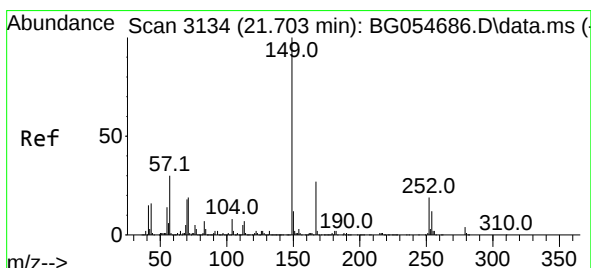
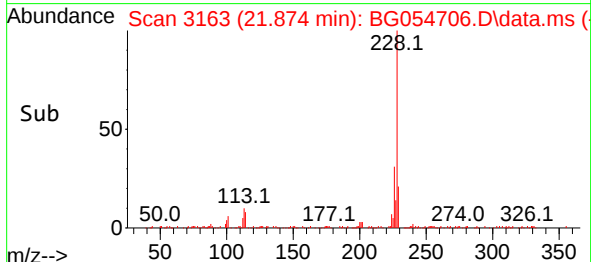
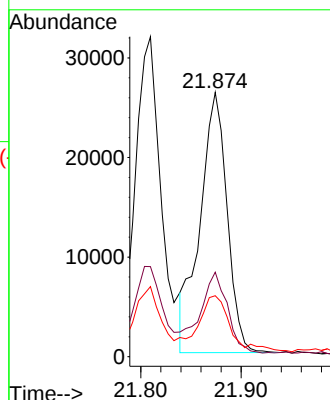
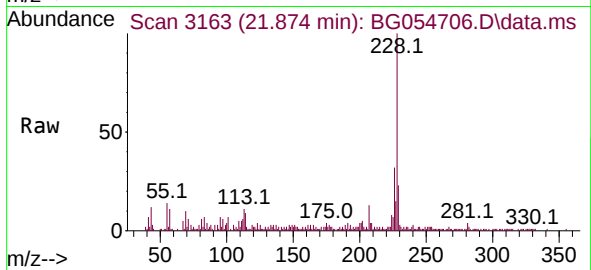
Acq: 23 Aug 2022 14:03

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:228	Resp:	49176
Ion Ratio	Lower	Upper
228	100	
226	32.0	25.5 38.3
229	23.1	16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.549 ng

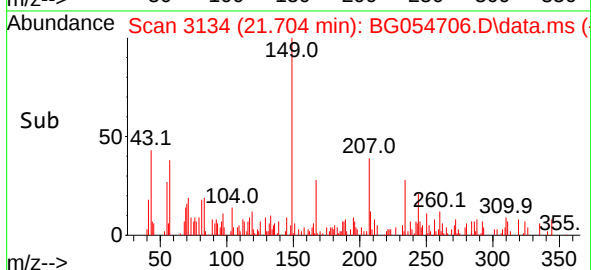
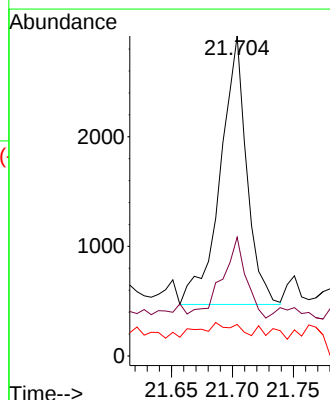
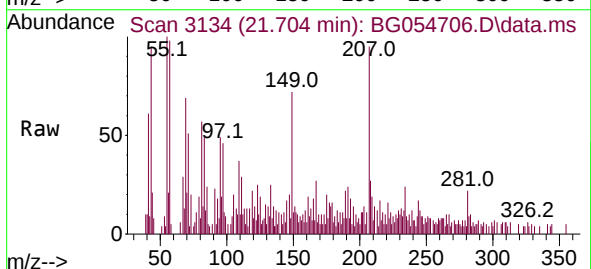
RT: 21.704 min Scan# 3134

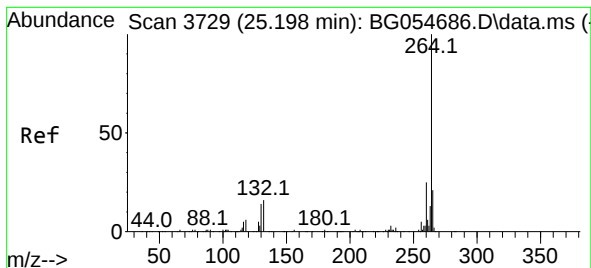
Delta R.T. 0.001 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

Tgt Ion:149	Resp:	3690
Ion Ratio	Lower	Upper
149	100	
167	37.1	21.4 32.0#
279	9.8	3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.200 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

Instrument :

BNA_G

ClientSampleId :

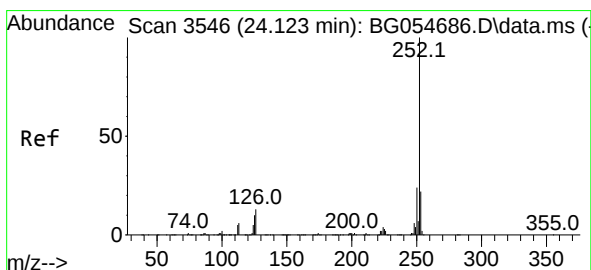
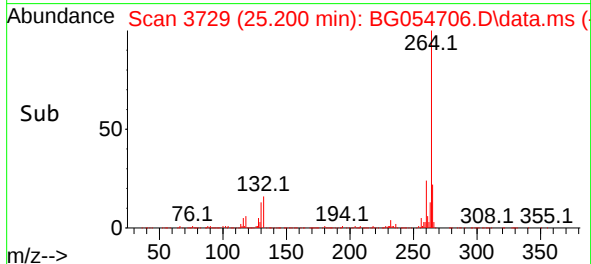
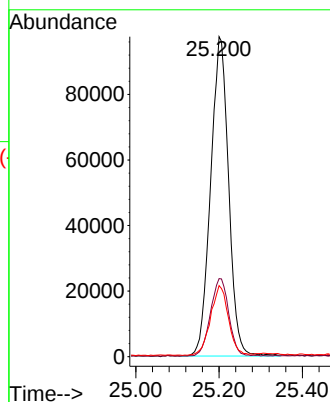
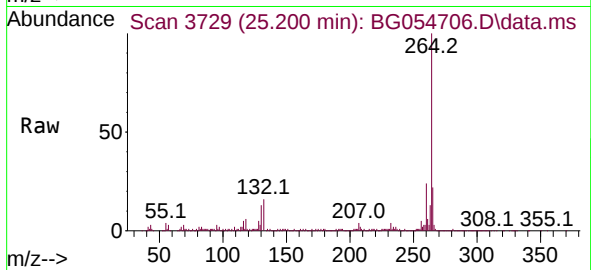
Tgt Ion:264 Resp: 291985

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 22.2 16.9 25.3



#88

Benzo(b)fluoranthene

Concen: 3.711 ng

RT: 24.130 min Scan# 3547

Delta R.T. 0.007 min

Lab File: BG054706.D

Acq: 23 Aug 2022 14:03

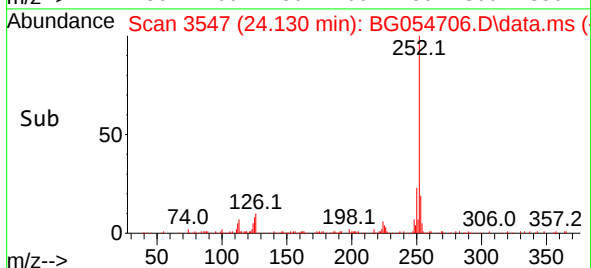
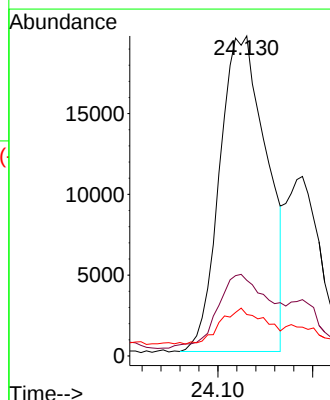
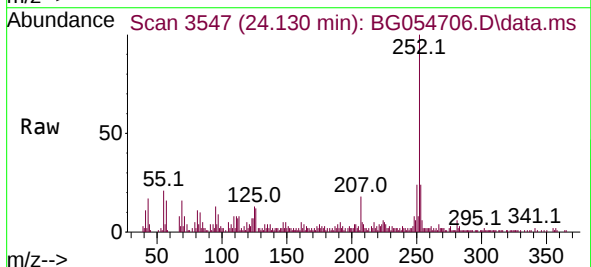
Tgt Ion:252 Resp: 67286

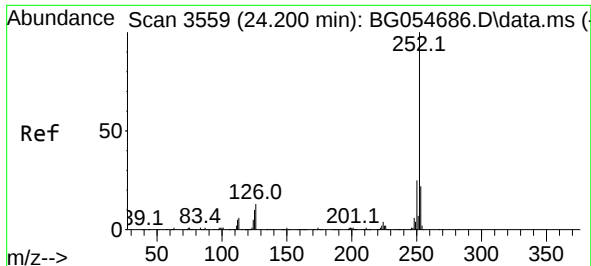
Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

125 13.0 8.1 12.1#

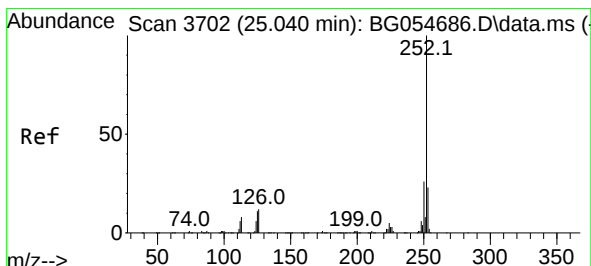
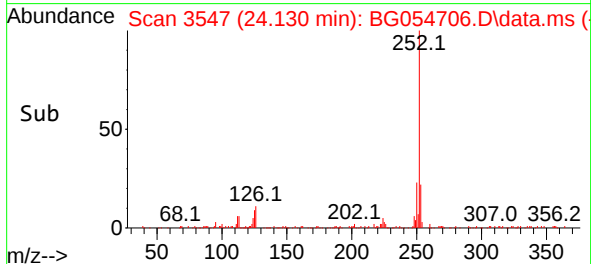
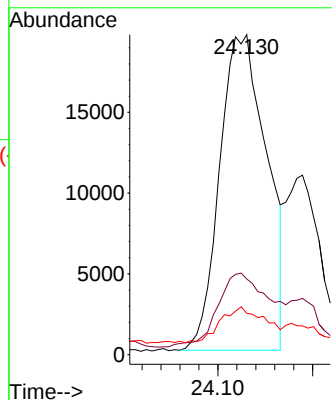
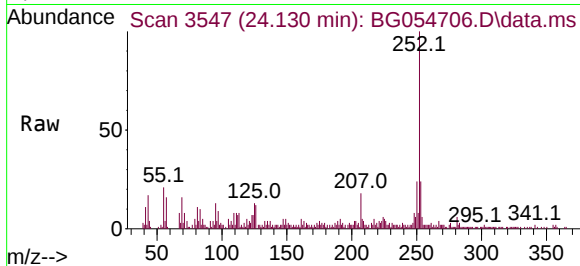




#89
Benzo(k)fluoranthene
Concen: 3.596 ng
RT: 24.130 min Scan# 31
Delta R.T. -0.069 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 67286
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 13.0 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 3.384 ng
RT: 25.035 min Scan# 3701
Delta R.T. -0.005 min
Lab File: BG054706.D
Acq: 23 Aug 2022 14:03

Tgt Ion:252 Resp: 52667
Ion Ratio Lower Upper
252 100
253 24.9 18.3 27.5
125 14.8 8.8 13.2#

