

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054707.D
 Acq On : 23 Aug 2022 14:45
 Operator : CG/JU
 Sample : N4257-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 15:17:43 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)

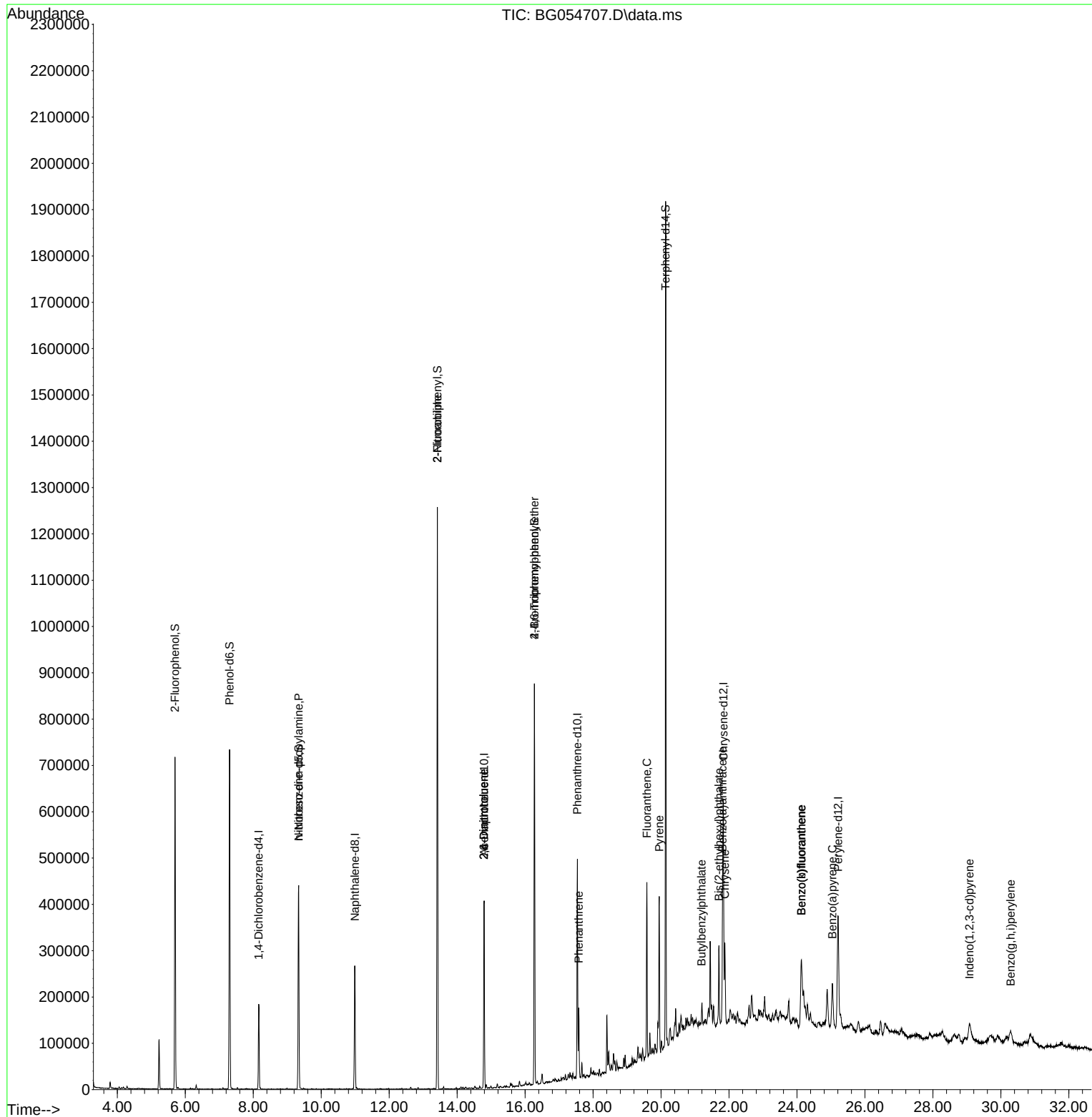
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	53248	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	230869	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	148084	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	292485	20.000	ng	0.00
76) Chrysene-d12	21.831	240	261774	20.000	ng	0.00
86) Perylene-d12	25.204	264	275276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	323580	114.513	ng	0.00
7) Phenol-d6	7.301	99	445287	112.464	ng	0.00
23) Nitrobenzene-d5	9.334	82	273132	67.421	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	168261	141.882	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	650451	64.776	ng	0.00
79) Terphenyl-d14	20.133	244	877881	66.618	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.334	70	34238	12.291	ng	# 83
48) 2-Nitroaniline	13.417	65	1119	4.058	ng	# 2
51) 2,6-Dinitrotoluene	14.786	165	19574	10.793	ng	# 23
57) 2,4-Dinitrotoluene	14.786	165	19574	10.873	ng	# 20
67) 4-Bromophenyl-phenylether	16.273	248	11256	3.998	ng	# 1
71) Phenanthrene	17.577	178	95084	6.099	ng	97
75) Fluoranthene	19.581	202	226533	12.325	ng	99
78) Pyrene	19.945	202	216831	11.743	ng	98
80) Butylbenzylphthalate	21.191	149	1068	5.309	ng	98
81) Benzo(a)anthracene	21.808	228	131798	7.413	ng	100
83) Chrysene	21.878	228	135165	7.989	ng	97
84) Bis(2-ethylhexyl)phtha...	21.702	149	73250	11.448	ng	100
87) Indeno(1,2,3-cd)pyrene	29.070	276	73289	3.568	ng	97
88) Benzo(b)fluoranthene	24.128	252	189326	11.076	ng	98
89) Benzo(k)fluoranthene	24.128	252	189326	10.733	ng	98
90) Benzo(a)pyrene	25.039	252	111750	7.617	ng	98
92) Benzo(g,h,i)perylene	30.286	276	64478	3.908	ng	98

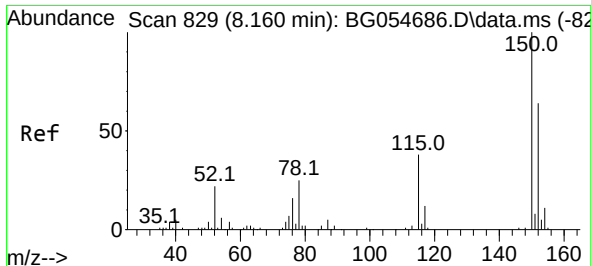
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054707.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_G
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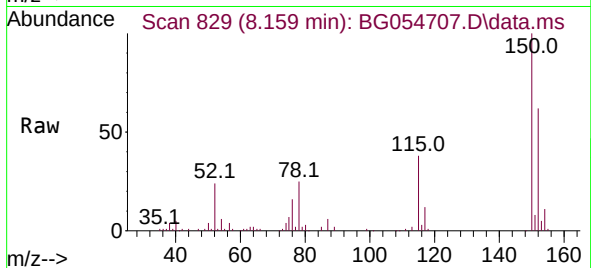
Quant Time: Aug 23 15:17:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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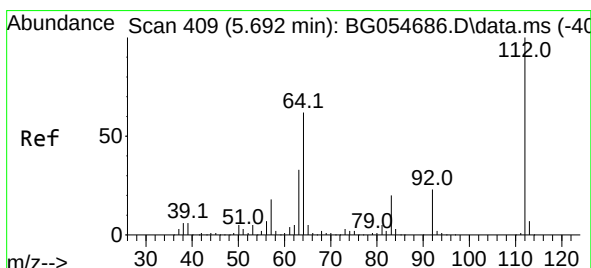
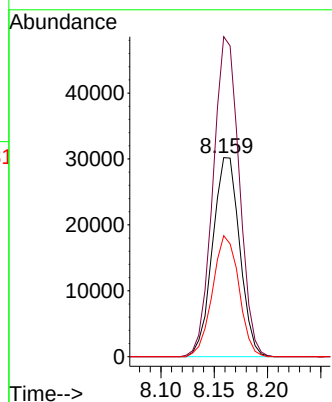
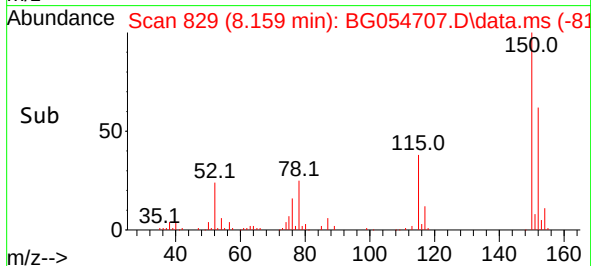


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

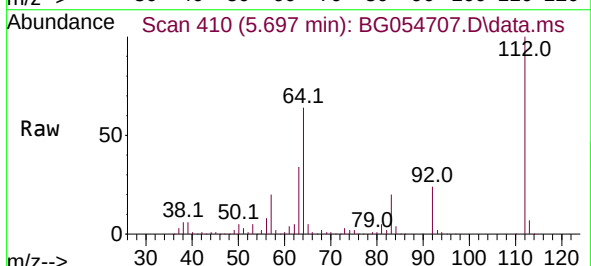
Instrument :
BNA_G
ClientSampleId :



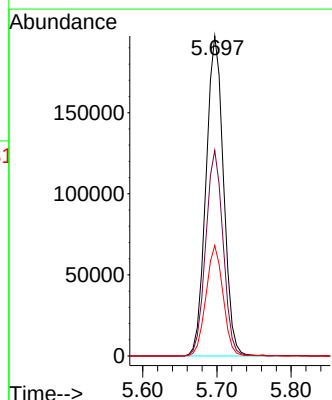
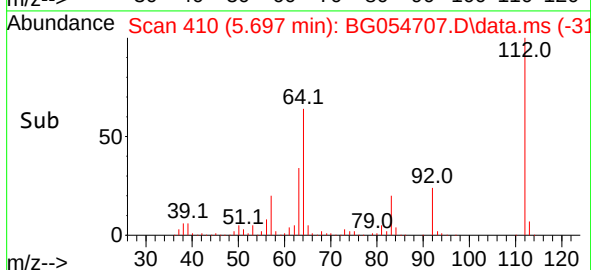
Tgt Ion:152 Resp: 53248
Ion Ratio Lower Upper
152 100
150 160.8 125.2 187.8
115 60.8 47.9 71.9

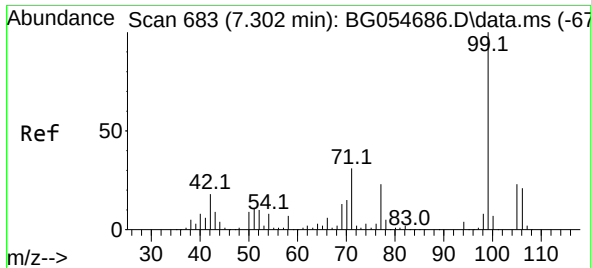


#5
2-Fluorophenol
Concen: 114.513 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45



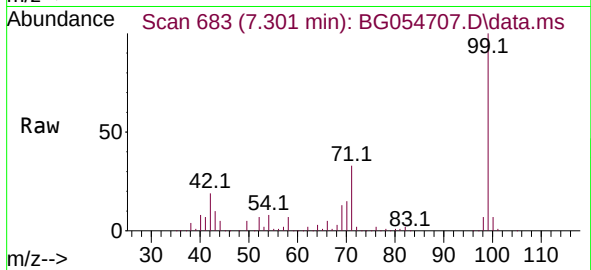
Tgt Ion:112 Resp: 323580
Ion Ratio Lower Upper
112 100
64 64.3 49.3 73.9
63 34.5 26.3 39.5



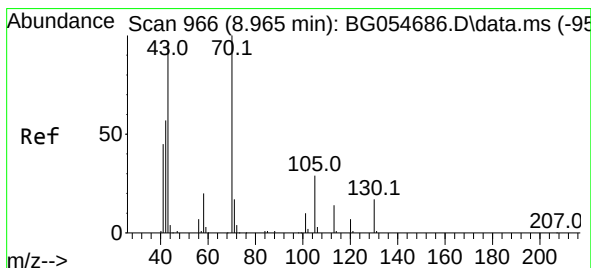
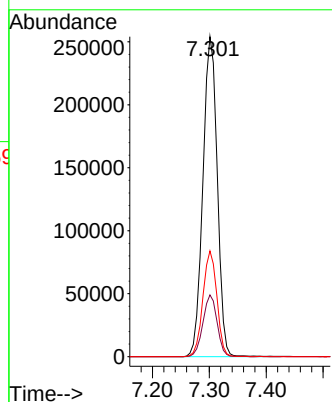
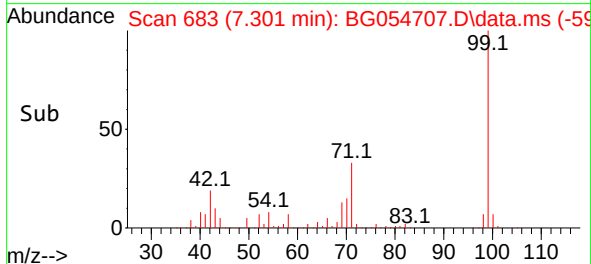


#7
Phenol-d6
Concen: 112.464 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

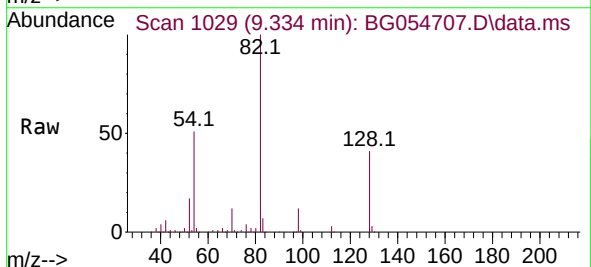
Instrument :
BNA_G
ClientSampleId :



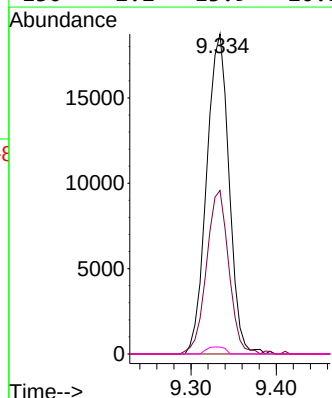
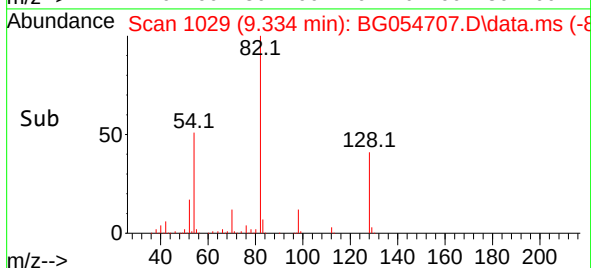
Tgt Ion: 99 Resp: 445287
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 33.0 24.6 37.0

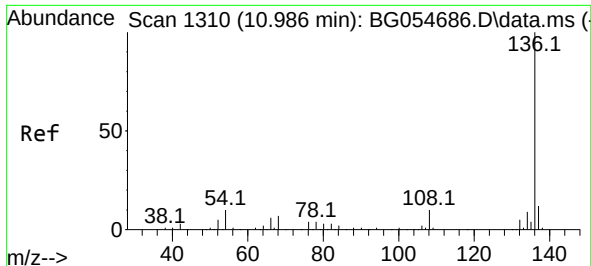


#19
n-Nitroso-di-n-propylamine
Concen: 12.291 ng
RT: 9.334 min Scan# 1029
Delta R.T. 0.369 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45



Tgt Ion: 70 Resp: 34238
Ion Ratio Lower Upper
70 100
42 51.1 46.6 69.8
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#



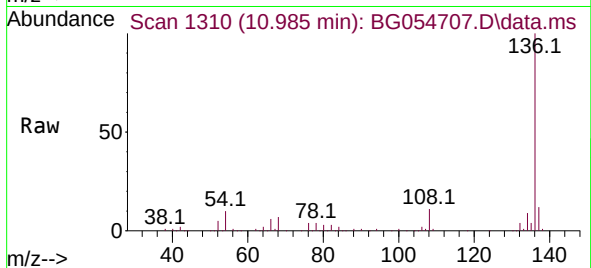


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

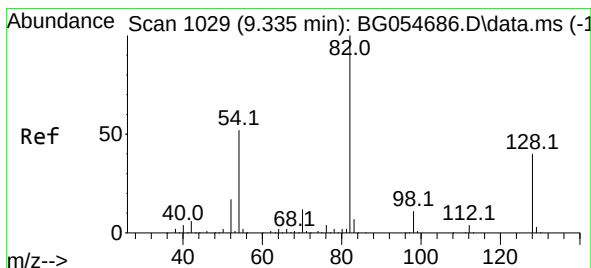
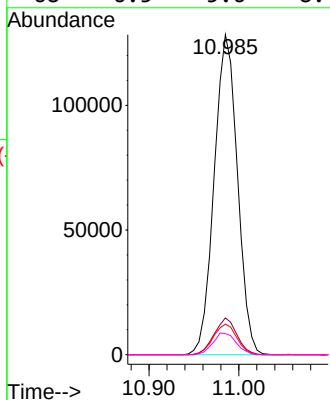
Instrument :

BNA_G

ClientSampleId :

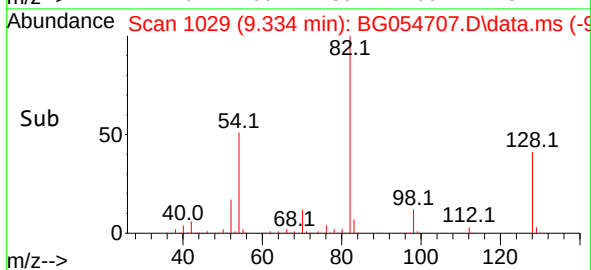
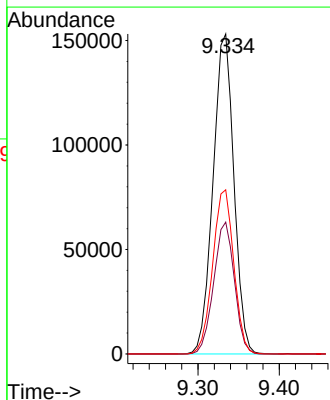
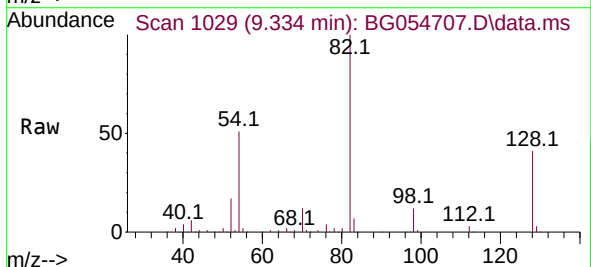


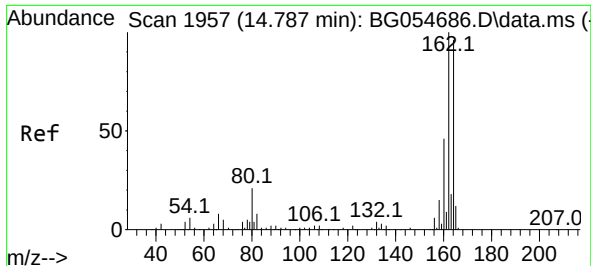
Tgt Ion:	136	Resp:	230869
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	9.5	7.7	11.5
68	6.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 67.421 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

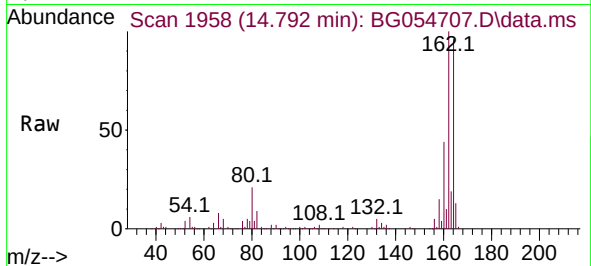
Tgt Ion:	82	Resp:	273132
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.2	48.2
54	51.3	41.4	62.0



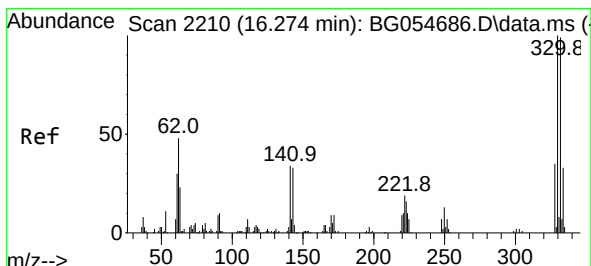
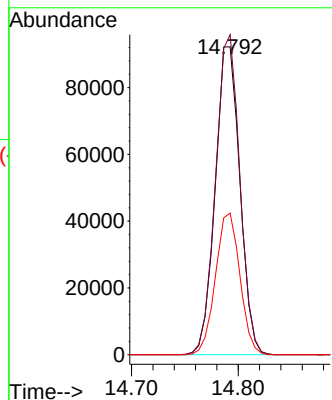
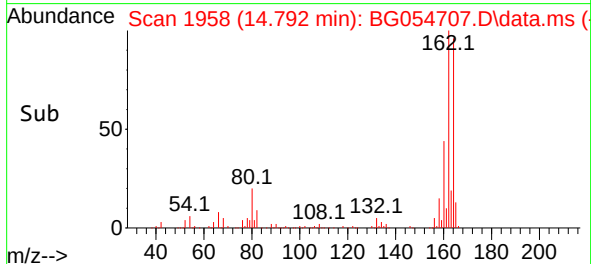


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

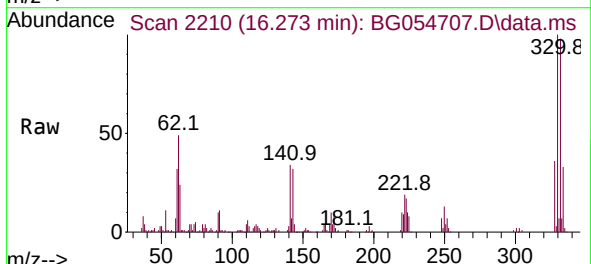
Instrument :
BNA_G
ClientSampleId :



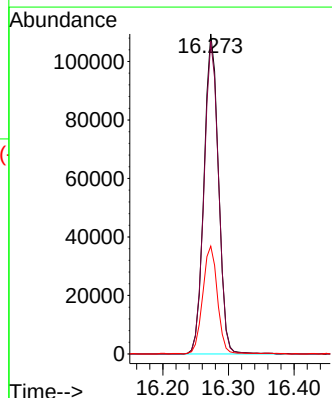
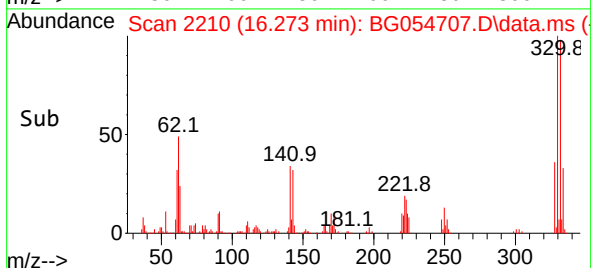
Tgt Ion:164 Resp: 148084
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.4
160 46.0 38.0 57.0

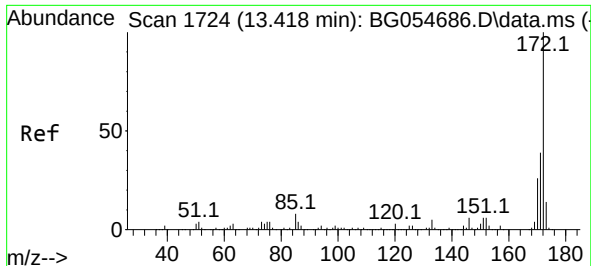


#42
2,4,6-Tribromophenol
Concen: 141.882 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45



Tgt Ion:330 Resp: 168261
Ion Ratio Lower Upper
330 100
332 98.0 79.8 119.6
141 34.3 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 64.776 ng

RT: 13.417 min Scan# 1

Delta R.T. -0.001 min

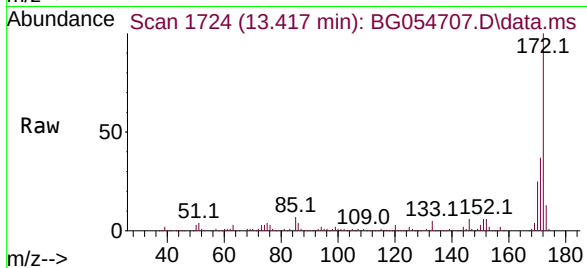
Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

Instrument :

BNA_G

ClientSampleId :



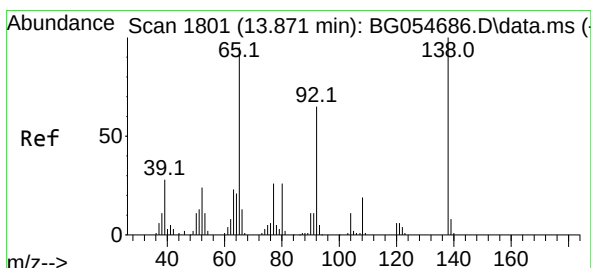
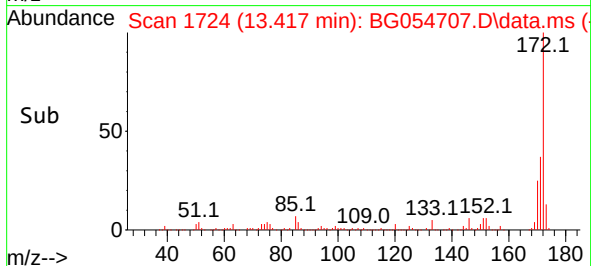
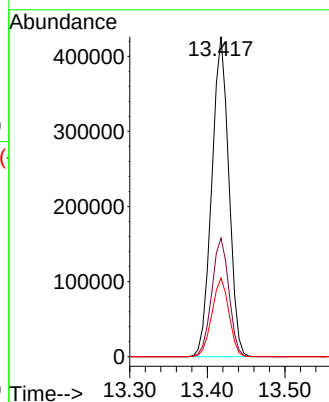
Tgt Ion:172 Resp: 650451

Ion Ratio Lower Upper

172 100

171 37.0 31.2 46.8

170 24.6 20.6 30.8



#48

2-Nitroaniline

Concen: 4.058 ng

RT: 13.417 min Scan# 1724

Delta R.T. -0.454 min

Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

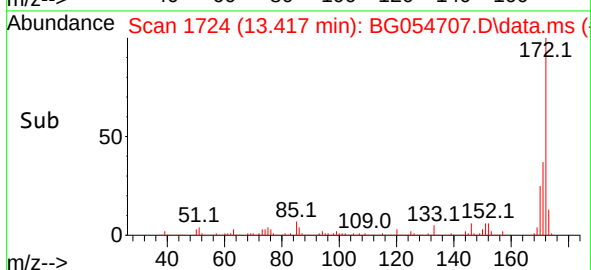
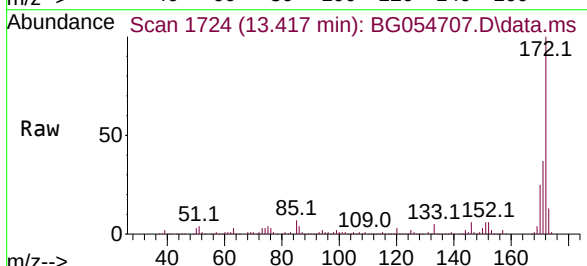
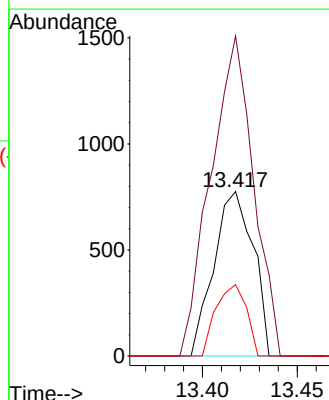
Tgt Ion: 65 Resp: 1119

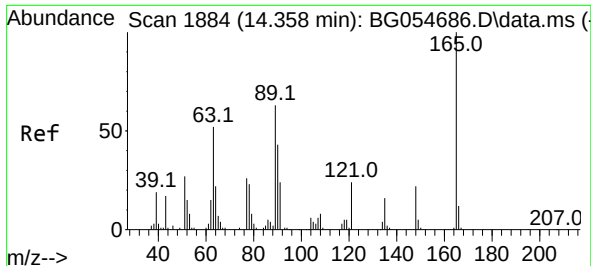
Ion Ratio Lower Upper

65 100

92 194.5 54.7 82.1#

138 43.4 84.1 126.1#

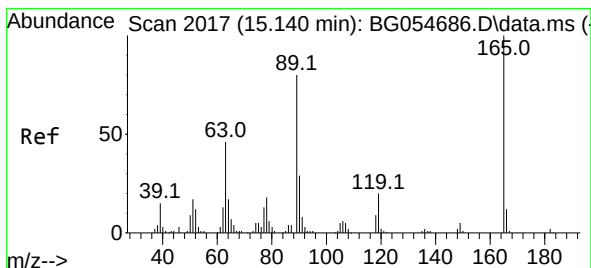
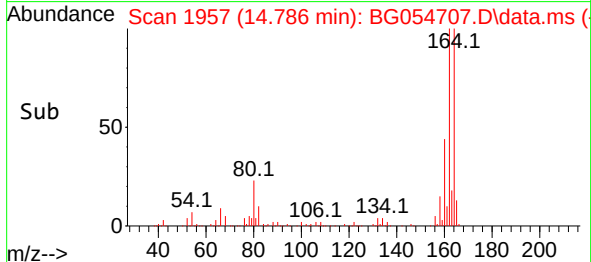
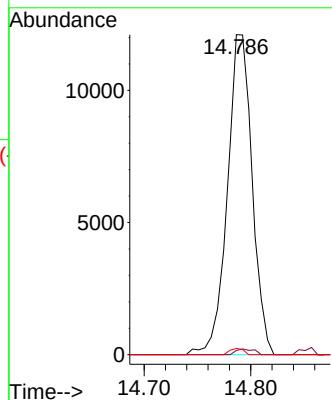
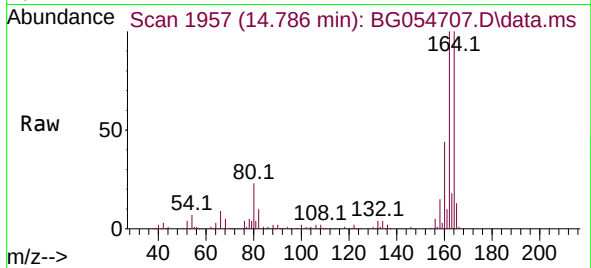




#51
2,6-Dinitrotoluene
Concen: 10.793 ng
RT: 14.786 min Scan# 1957
Delta R.T. 0.428 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

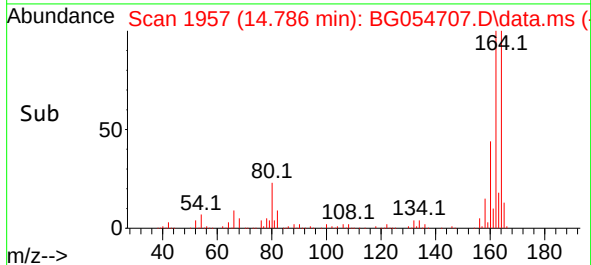
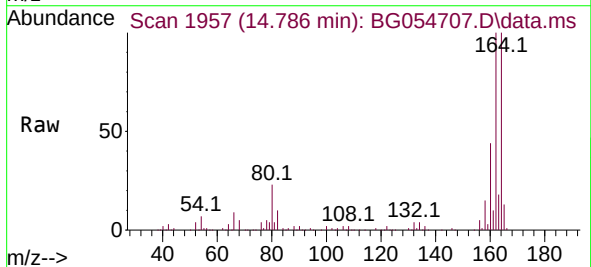
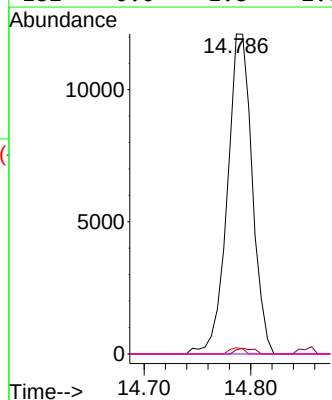
Instrument :
BNA_G
ClientSampleId :

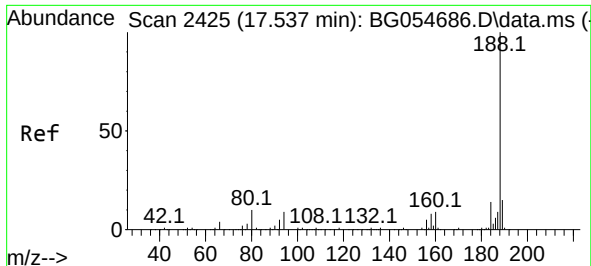
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.0	69.0#
89	2.0	50.3	75.5#



#57
2,4-Dinitrotoluene
Concen: 10.873 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.354 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.8	55.2#
89	2.0	64.3	96.5#
182	0.0	1.8	2.6#

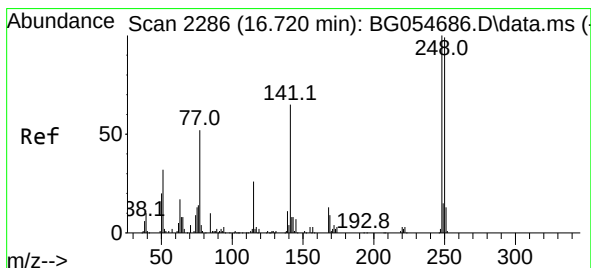
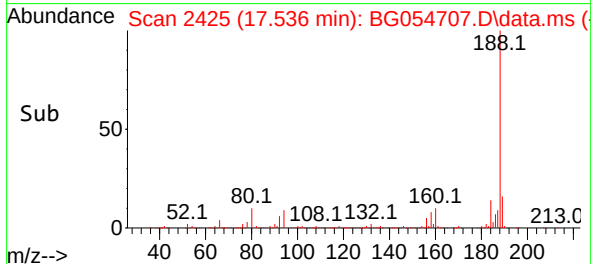
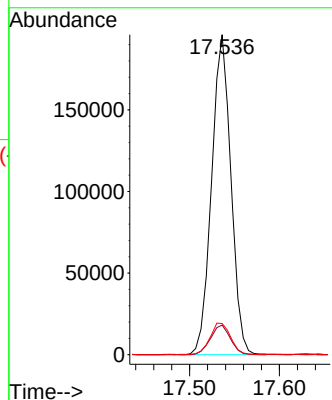
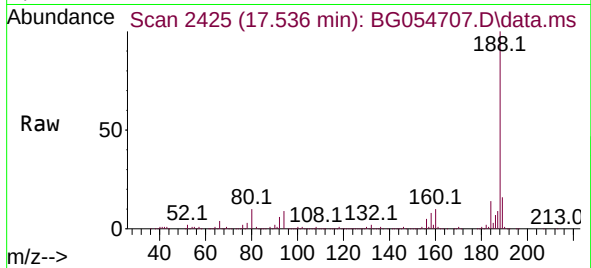




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

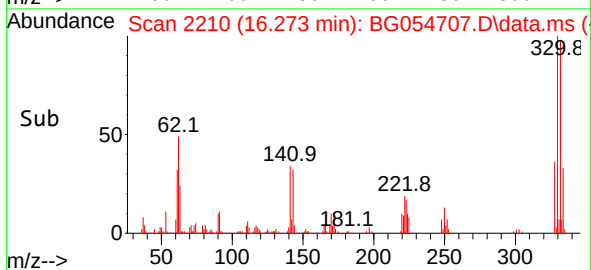
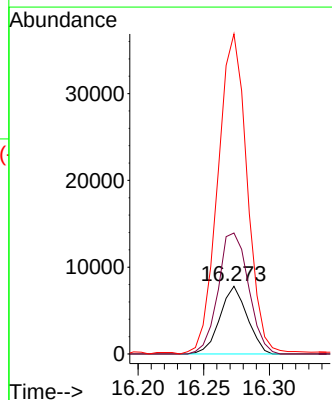
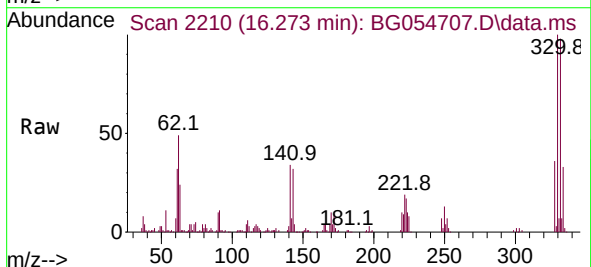
Instrument :
BNA_G
ClientSampleId :

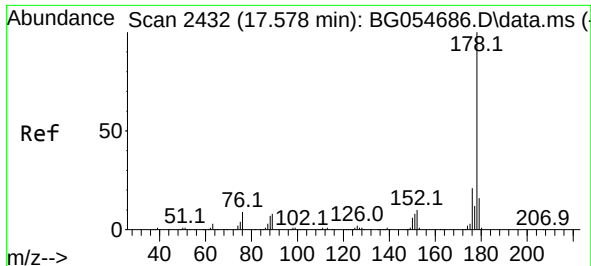
Tgt Ion:188 Resp: 292485
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 9.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.998 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.447 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

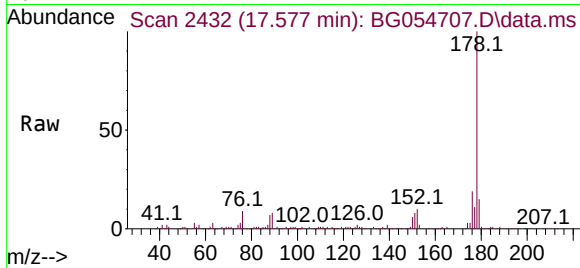
Tgt Ion:248 Resp: 11256
Ion Ratio Lower Upper
248 100
250 178.7 78.8 118.2#
141 472.8 51.9 77.9#



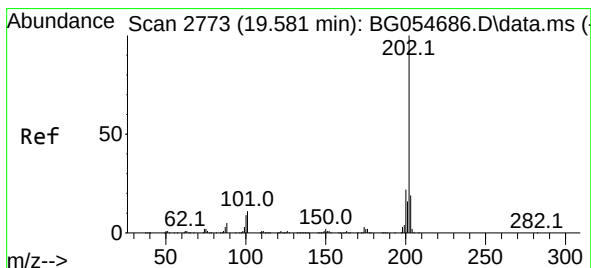
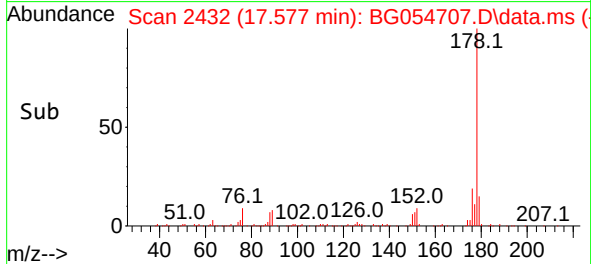
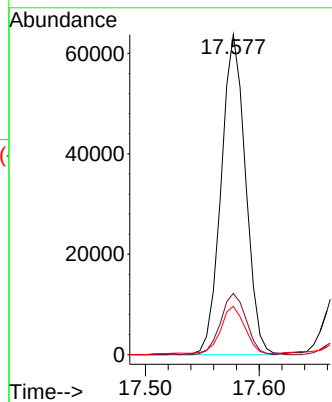


#71
Phenanthrene
Concen: 6.099 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :

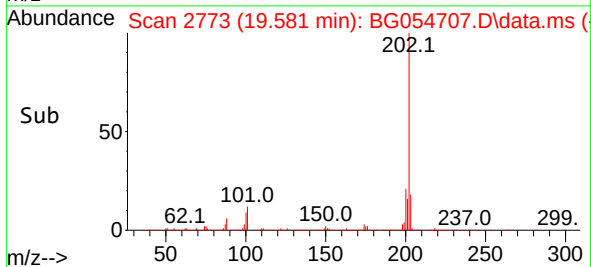
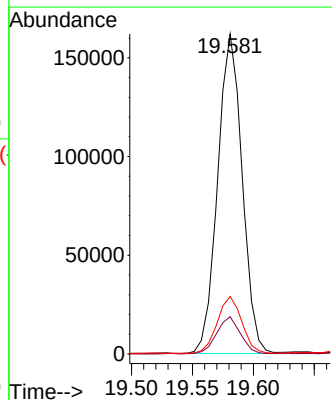
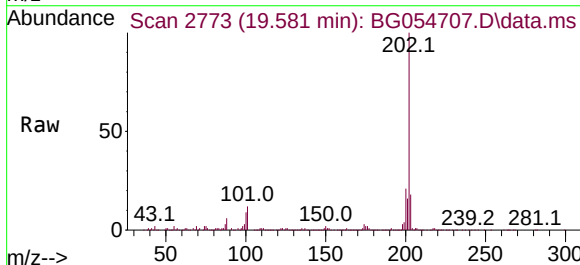


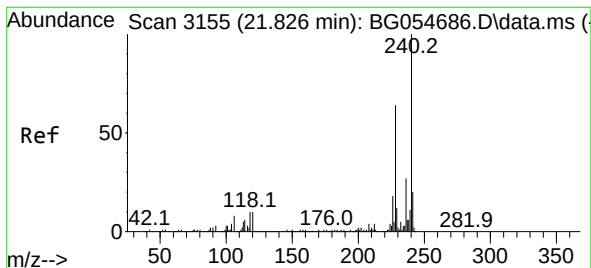
Tgt Ion:178 Resp: 95084
Ion Ratio Lower Upper
178 100
176 19.2 16.6 25.0
179 15.1 12.8 19.2



#75
Fluoranthene
Concen: 12.325 ng
RT: 19.581 min Scan# 2773
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

Tgt Ion:202 Resp: 226533
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.9 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.831 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

Instrument :

BNA_G

ClientSampleId :

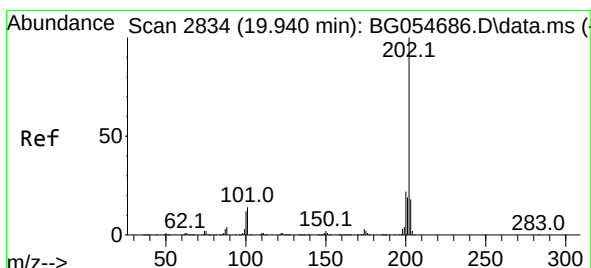
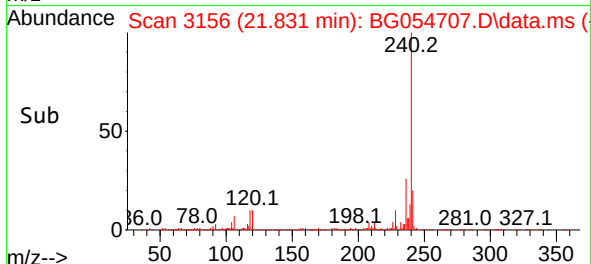
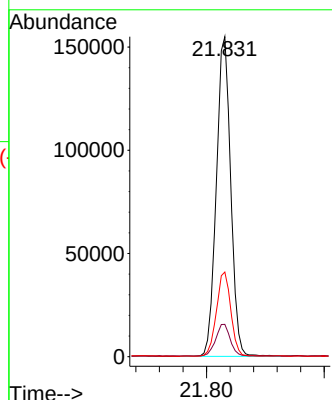
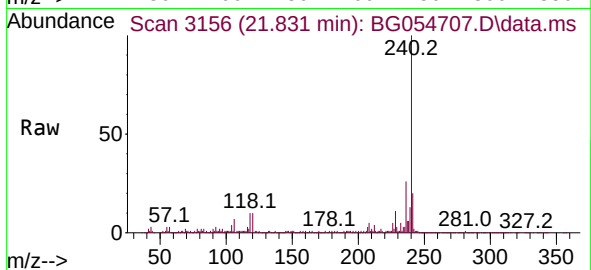
Tgt Ion:240 Resp: 261774

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.4

236 26.4 21.2 31.8



#78

Pyrene

Concen: 11.743 ng

RT: 19.945 min Scan# 2835

Delta R.T. 0.005 min

Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

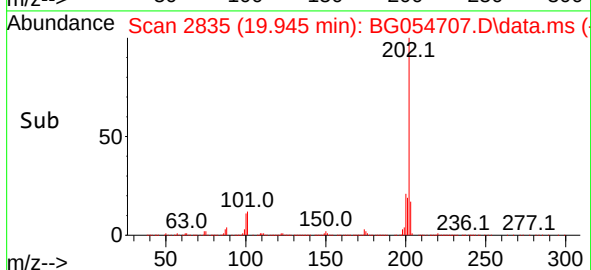
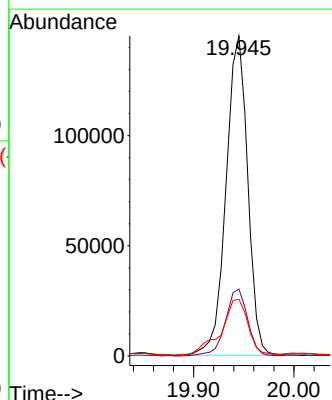
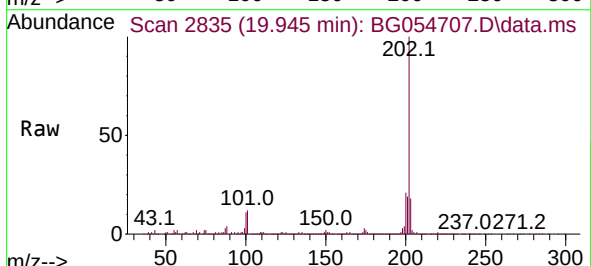
Tgt Ion:202 Resp: 216831

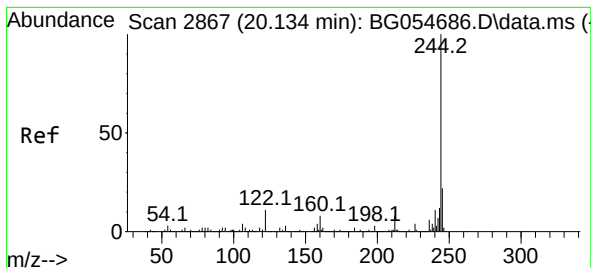
Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 66.618 ng

RT: 20.133 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

Instrument :

BNA_G

ClientSampleId :

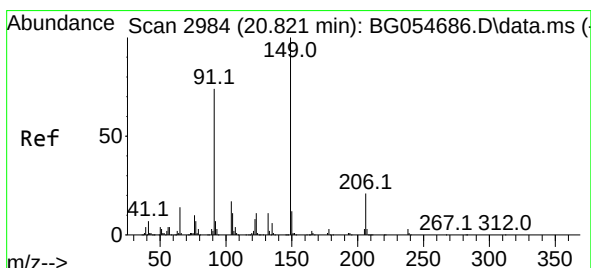
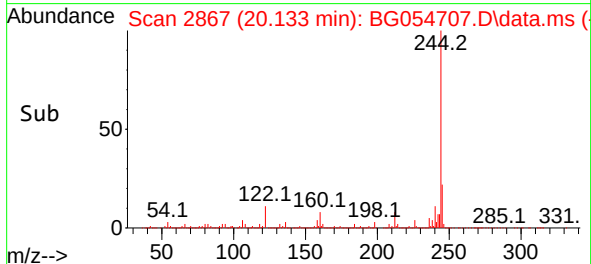
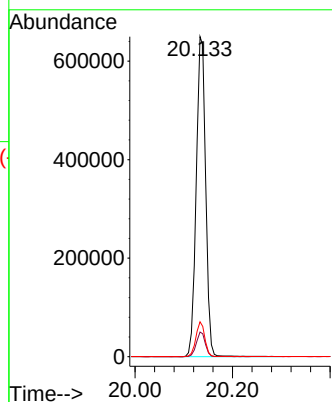
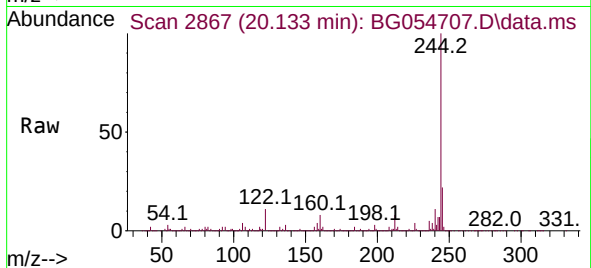
Tgt Ion:244 Resp: 877881

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 5.309 ng

RT: 21.191 min Scan# 3047

Delta R.T. 0.370 min

Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

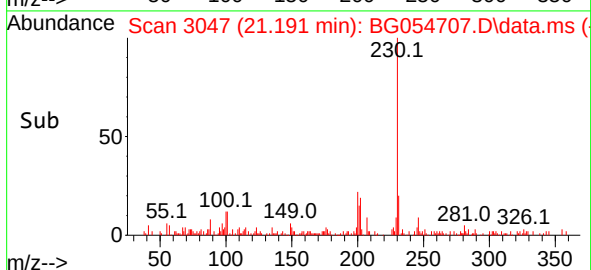
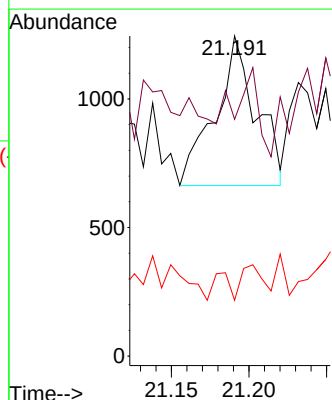
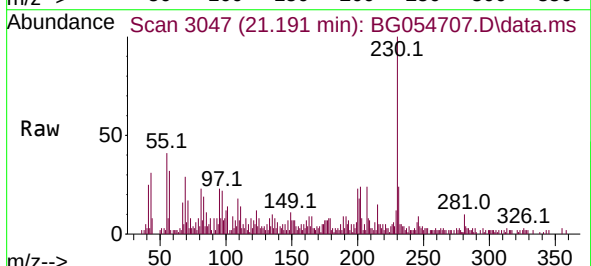
Tgt Ion:149 Resp: 1068

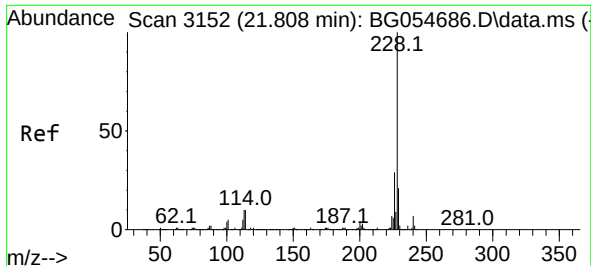
Ion Ratio Lower Upper

149 100

91 74.0 59.5 89.3

206 17.4 16.6 25.0

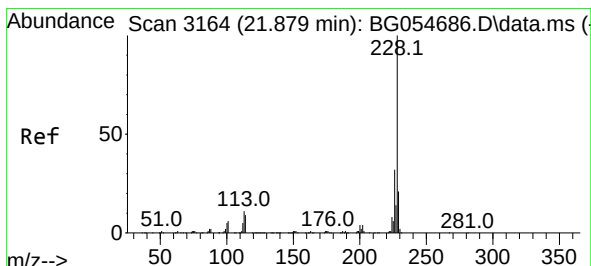
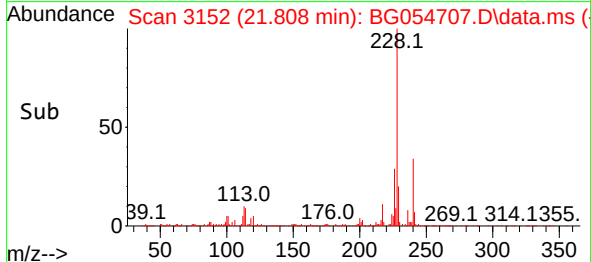
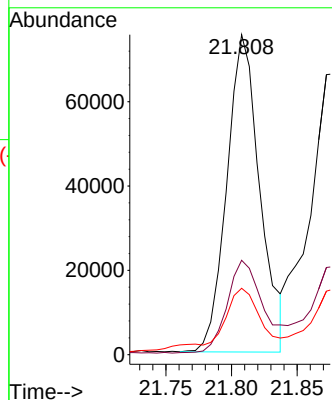
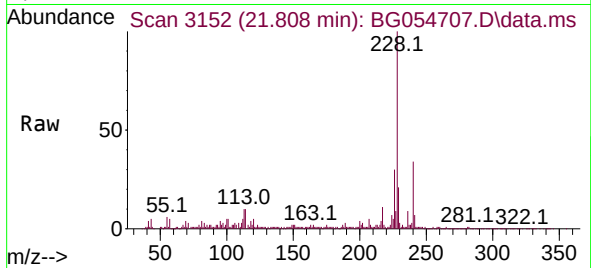




#81
Benzo(a)anthracene
Concen: 7.413 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

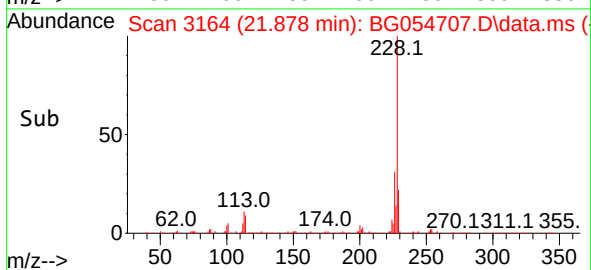
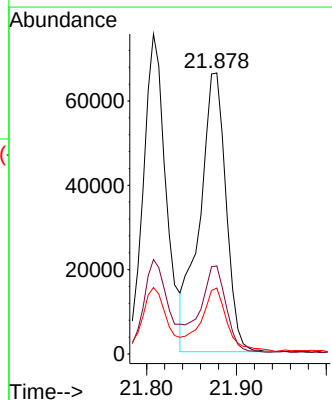
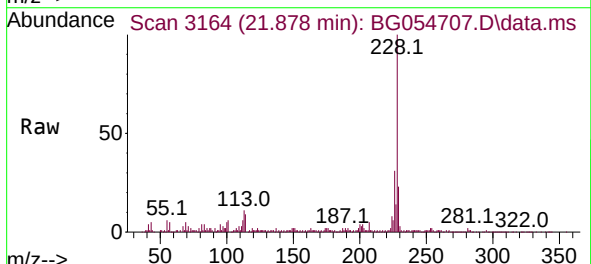
Instrument :
BNA_G
ClientSampleId :

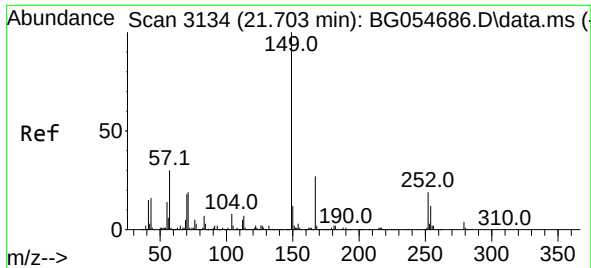
Tgt Ion:228 Resp: 131798
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.2
229 20.8 16.5 24.7



#83
Chrysene
Concen: 7.989 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG054707.D
Acq: 23 Aug 2022 14:45

Tgt Ion:228 Resp: 135165
Ion Ratio Lower Upper
228 100
226 31.3 25.5 38.3
229 23.4 16.8 25.2

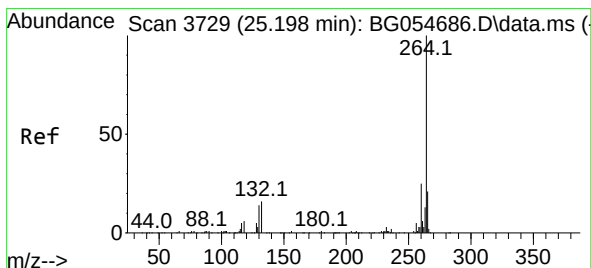
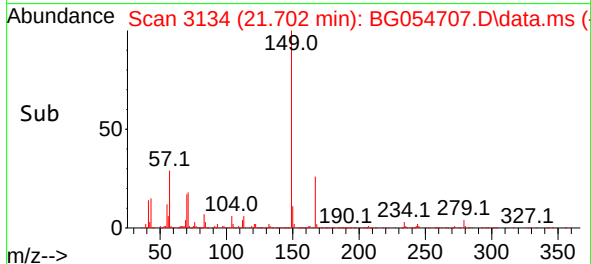
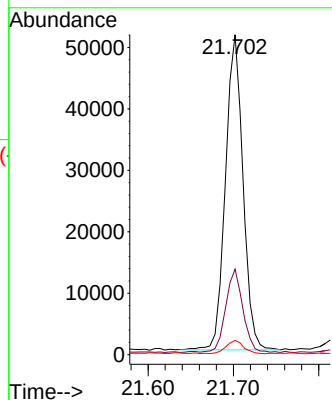
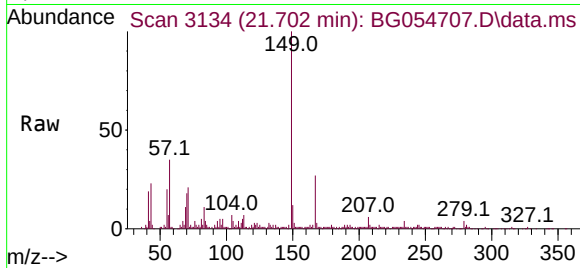




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.448 ng
 RT: 21.702 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG054707.D
 Acq: 23 Aug 2022 14:45

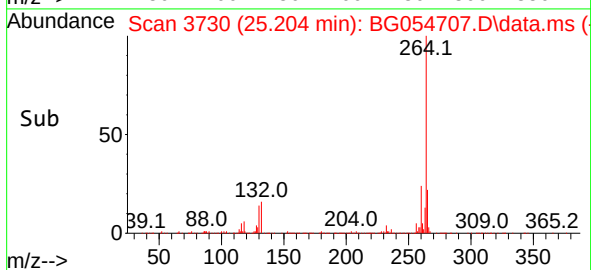
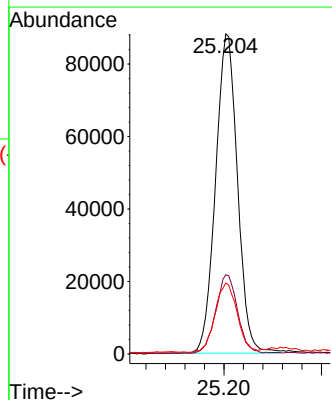
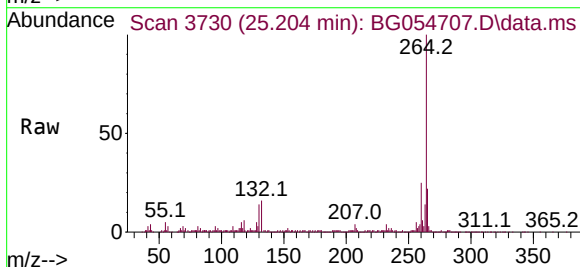
Instrument :
 BNA_G
 ClientSampleId :

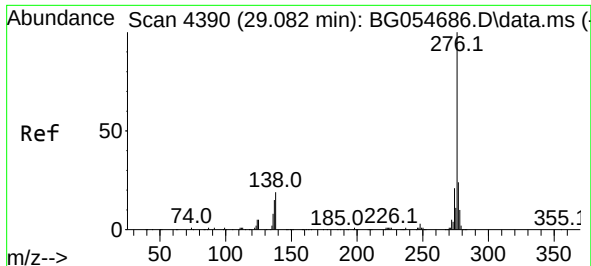
Tgt Ion:149 Resp: 73250
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.4 32.0
 279 4.4 3.1 4.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.204 min Scan# 3730
 Delta R.T. 0.005 min
 Lab File: BG054707.D
 Acq: 23 Aug 2022 14:45

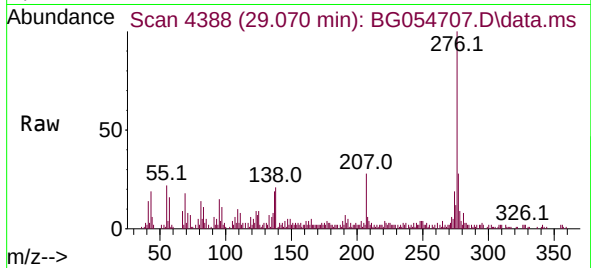
Tgt Ion:264 Resp: 275276
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 22.2 16.9 25.3



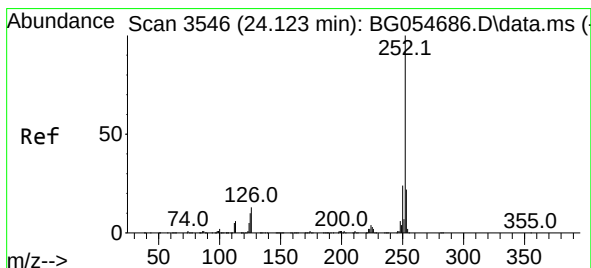
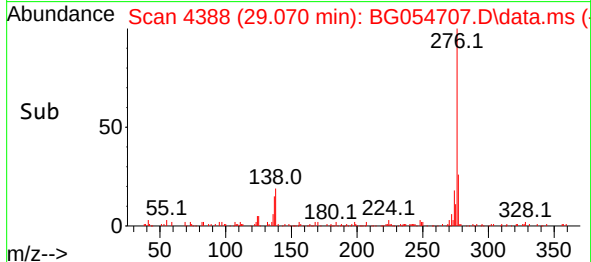
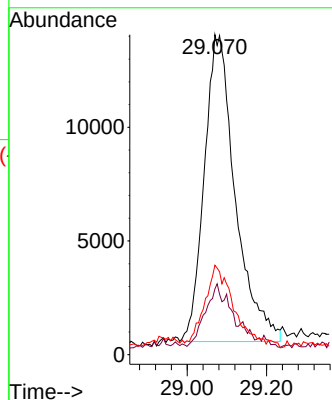


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.568 ng
 RT: 29.070 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BG054707.D
 Acq: 23 Aug 2022 14:45

Instrument :
 BNA_G
 ClientSampleId :

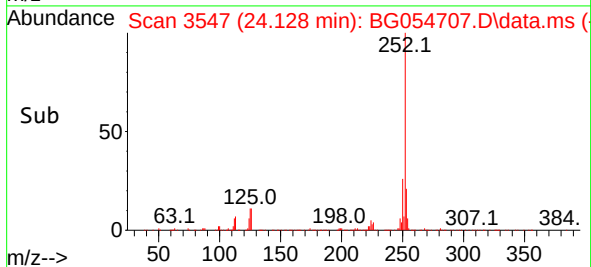
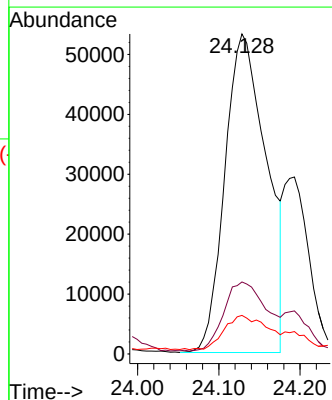
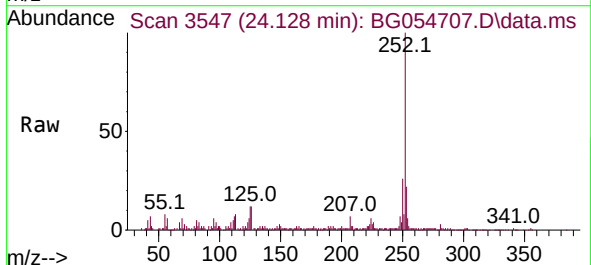


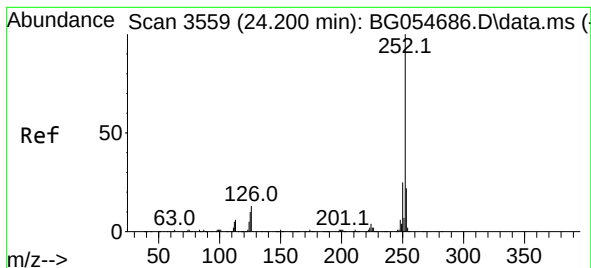
Tgt Ion:276 Resp: 73289
 Ion Ratio Lower Upper
 276 100
 138 15.5 12.0 18.0
 277 22.9 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 11.076 ng
 RT: 24.128 min Scan# 3547
 Delta R.T. 0.005 min
 Lab File: BG054707.D
 Acq: 23 Aug 2022 14:45

Tgt Ion:252 Resp: 189326
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 12.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 10.733 ng

RT: 24.128 min Scan# 3559

Delta R.T. -0.071 min

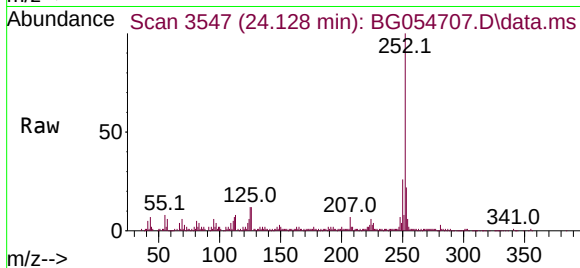
Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

Instrument :

BNA_G

ClientSampleId :



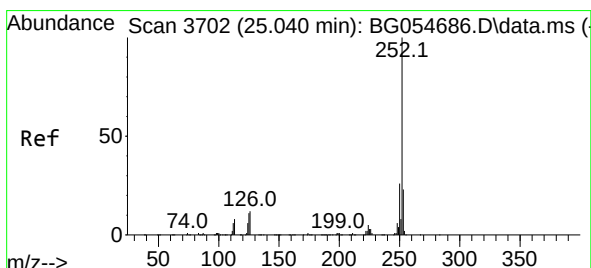
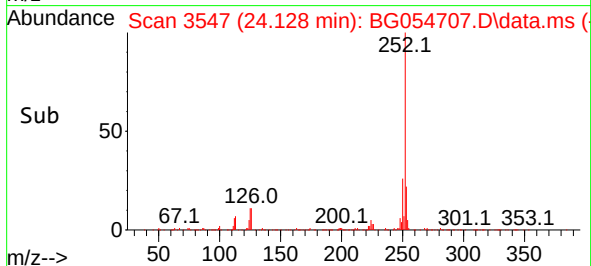
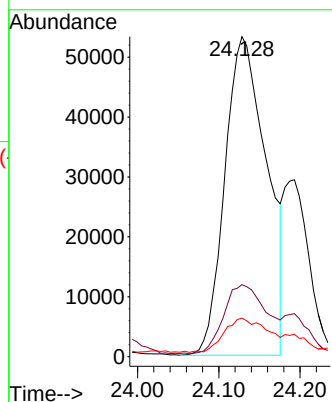
Tgt Ion:252 Resp: 189326

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 12.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 7.617 ng

RT: 25.039 min Scan# 3702

Delta R.T. -0.001 min

Lab File: BG054707.D

Acq: 23 Aug 2022 14:45

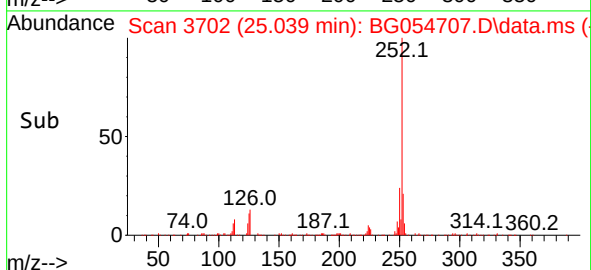
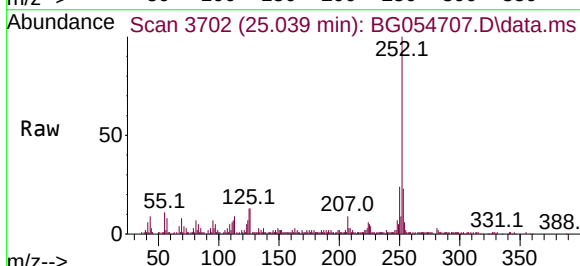
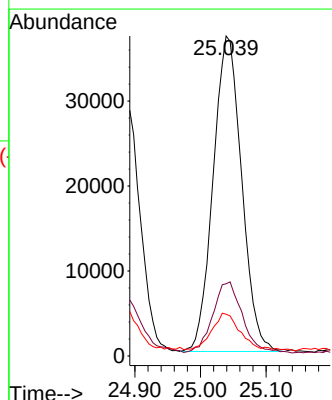
Tgt Ion:252 Resp: 111750

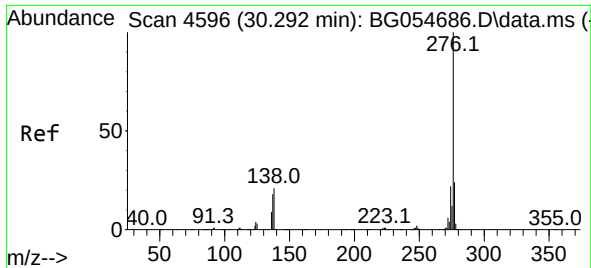
Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

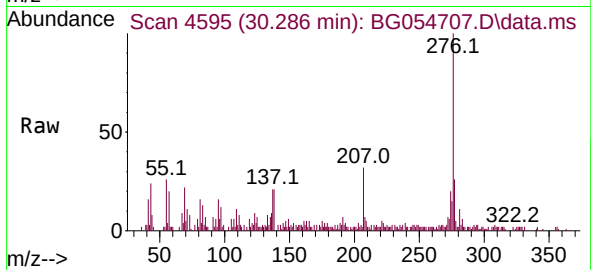
125 13.1 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.908 ng
 RT: 30.286 min Scan# 4
 Delta R.T. -0.007 min
 Lab File: BG054707.D
 Acq: 23 Aug 2022 14:45

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	64478
Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.4	29.0
138	20.7	16.6	25.0

