

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054912.D
 Acq On : 12 Sep 2022 18:55
 Operator : CG/JU
 Sample : N4572-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124037

Quant Time: Sep 13 03:06:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

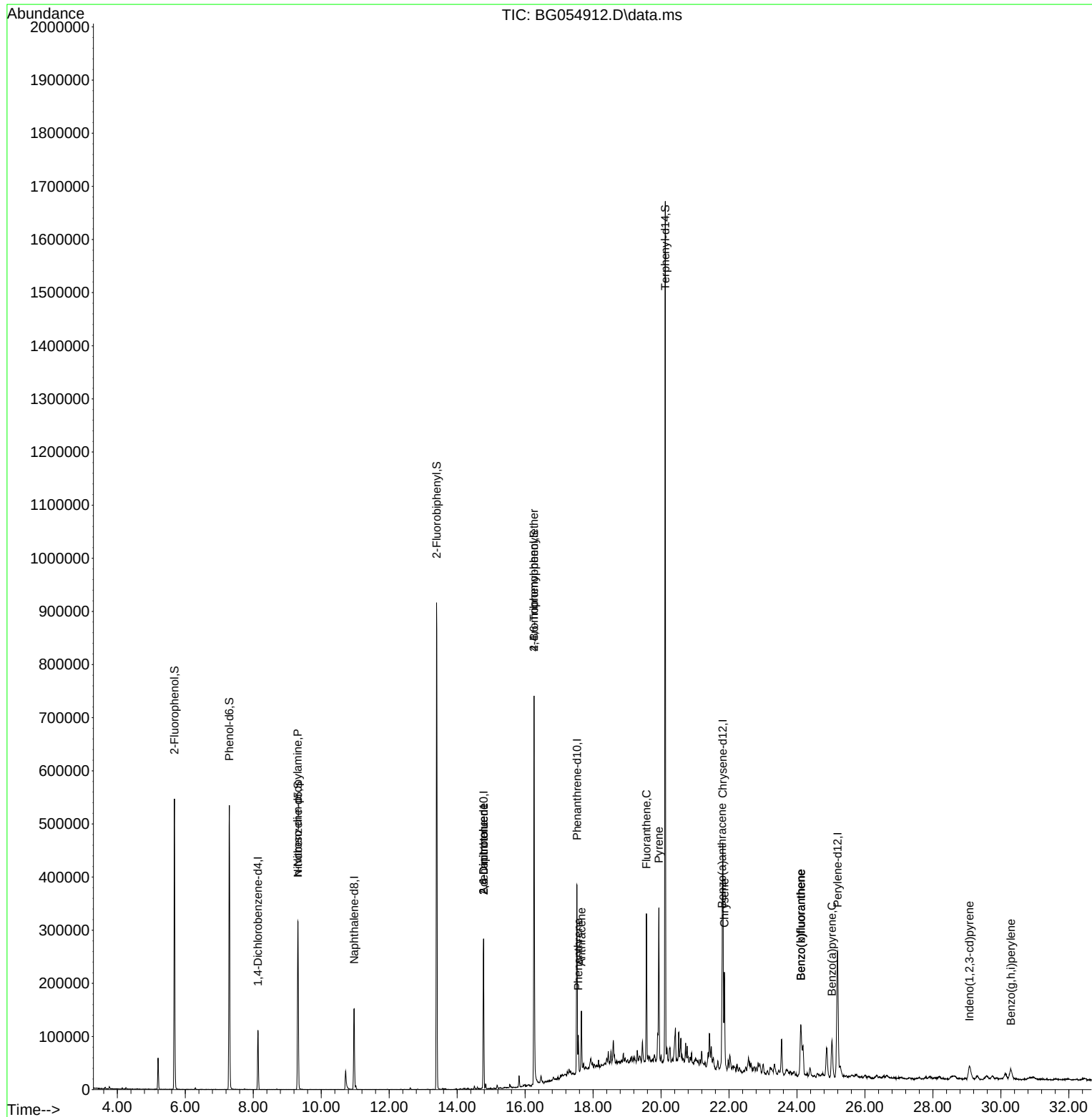
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.138	152	35859	20.000	ng	0.00
21) Naphthalene-d8	10.970	136	146864	20.000	ng	# 0.00
39) Acenaphthene-d10	14.777	164	106078	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	247006	20.000	ng	0.00
76) Chrysene-d12	21.816	240	255236	20.000	ng	0.00
86) Perylene-d12	25.194	264	269309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	271248	131.722	ng	0.00
7) Phenol-d6	7.298	99	360673	128.071	ng	0.00
23) Nitrobenzene-d5	9.319	82	211453	75.584	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	176208	132.936	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	515701	73.069	ng	0.00
79) Terphenyl-d14	20.124	244	840656	65.260	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.313	70	26213	13.536	ng	# 72
51) 2,6-Dinitrotoluene	14.777	165	13994	8.372	ng	# 20
57) 2,4-Dinitrotoluene	14.777	165	13994	6.053	ng	# 18
67) 4-Bromophenyl-phenylether	16.264	248	11123	4.102	ng	# 1
71) Phenanthrene	17.568	178	45942	3.492	ng	97
72) Anthracene	17.656	178	79212	6.192	ng	97
75) Fluoranthene	19.572	202	175574	10.969	ng	97
78) Pyrene	19.936	202	192860	10.836	ng	99
81) Benzo(a)anthracene	21.798	228	97519	5.635	ng	98
83) Chrysene	21.863	228	134336	8.119	ng	99
87) Indeno(1,2,3-cd)pyrene	29.072	276	47373	2.317	ng	# 94
88) Benzo(b)fluoranthene	24.113	252	129005	7.636	ng	97
89) Benzo(k)fluoranthene	24.113	252	129005	7.588	ng	97
90) Benzo(a)pyrene	25.030	252	81014	5.613	ng	99
92) Benzo(g,h,i)perylene	30.300	276	42200	2.508	ng	# 91

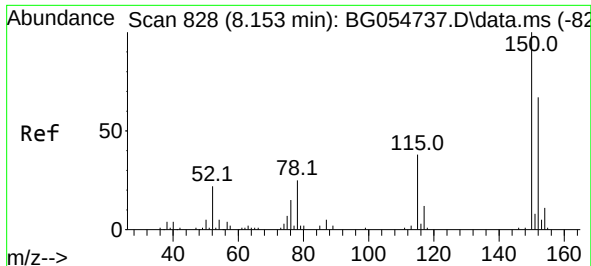
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
Data File : BG054912.D
Acq On : 12 Sep 2022 18:55
Operator : CG/JU
Sample : N4572-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-124037

Quant Time: Sep 13 03:06:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 01:53:42 2022
Response via : Initial Calibration

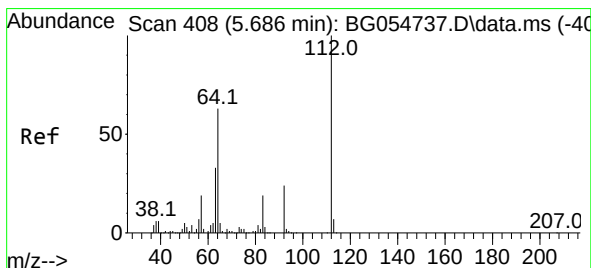
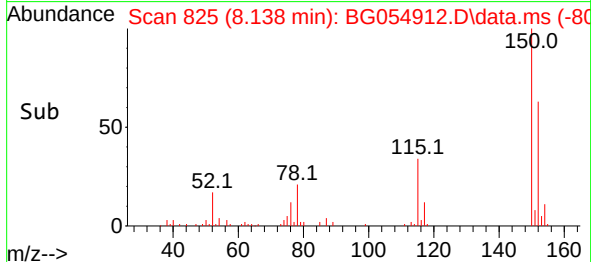
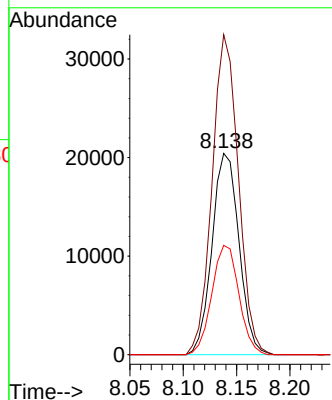
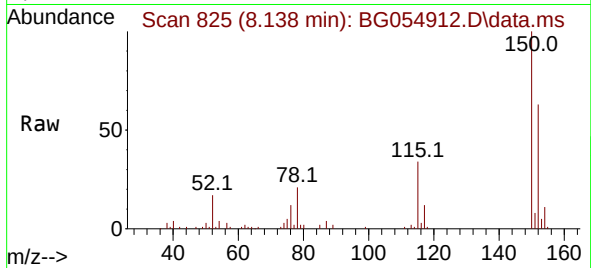




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.138 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

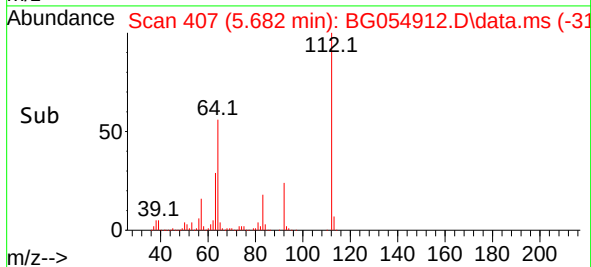
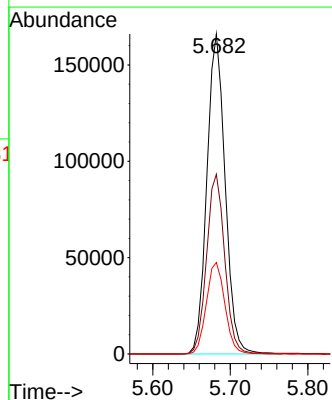
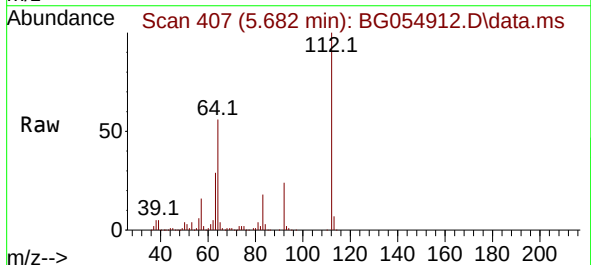
Instrument :
BNA_G
ClientSampleId :
PSC-124037

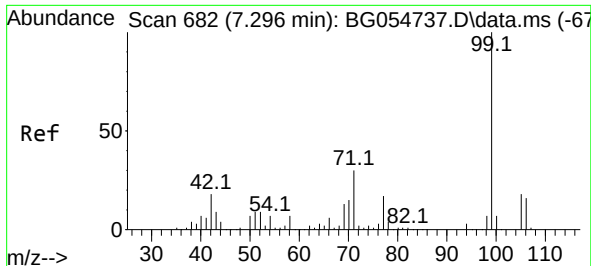
Tgt Ion:152 Resp: 35859
Ion Ratio Lower Upper
152 100
150 158.9 125.2 187.8
115 54.3 47.9 71.9



#5
2-Fluorophenol
Concen: 131.722 ng
RT: 5.682 min Scan# 407
Delta R.T. -0.002 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

Tgt Ion:112 Resp: 271248
Ion Ratio Lower Upper
112 100
64 56.2 49.3 73.9
63 28.6 26.3 39.5

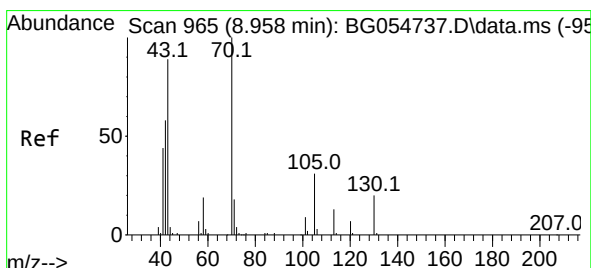
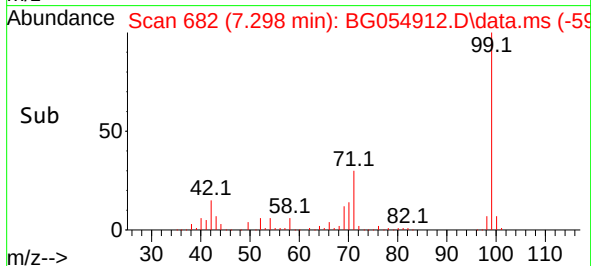
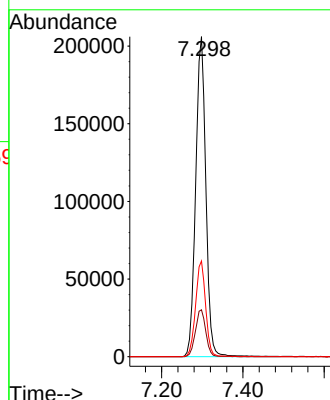
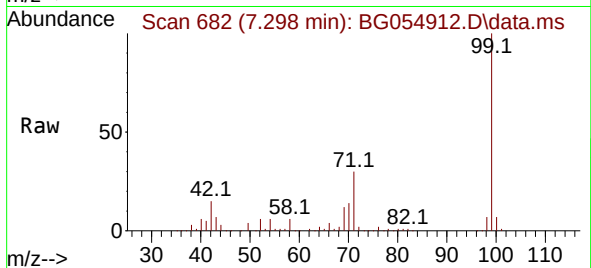




#7
Phenol-d6
Concen: 128.071 ng
RT: 7.298 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

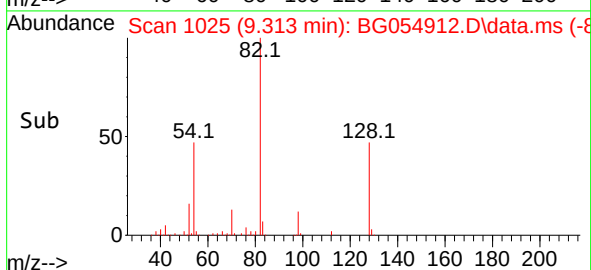
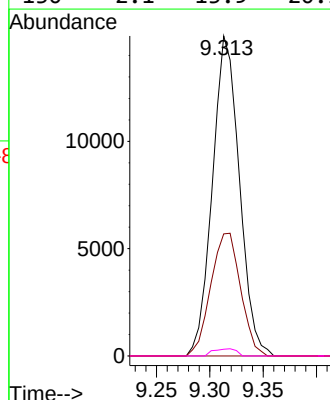
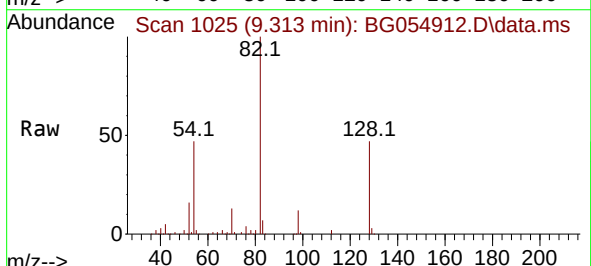
Instrument :
BNA_G
ClientSampleId :
PSC-124037

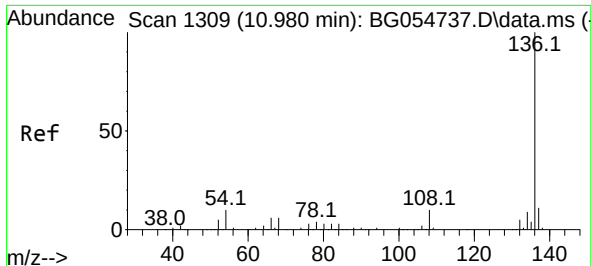
Tgt Ion: 99 Resp: 360673
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 29.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.536 ng
RT: 9.313 min Scan# 1025
Delta R.T. 0.362 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

Tgt Ion: 70 Resp: 26213
Ion Ratio Lower Upper
70 100
42 38.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

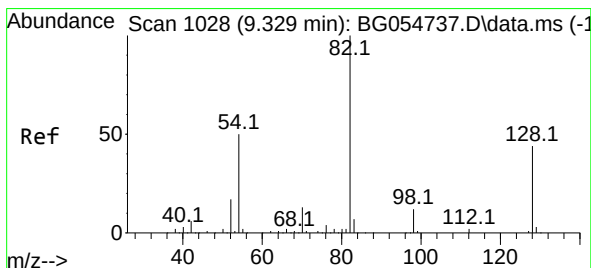
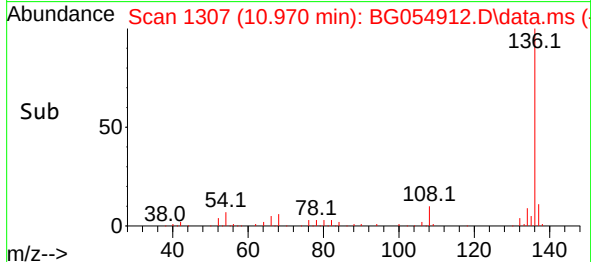
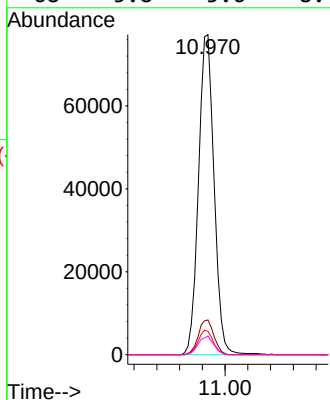
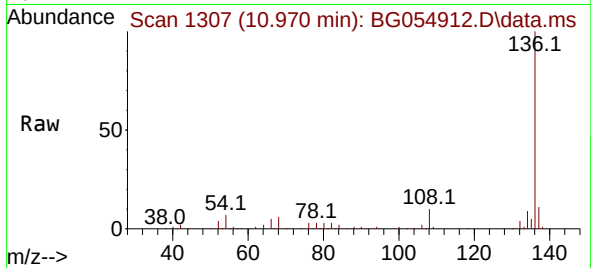




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

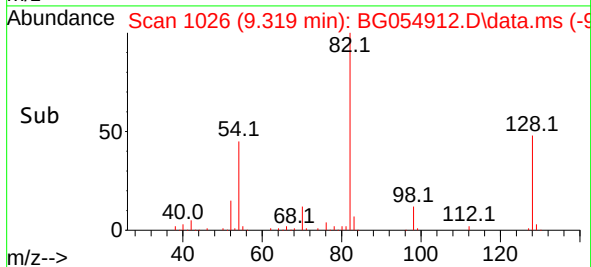
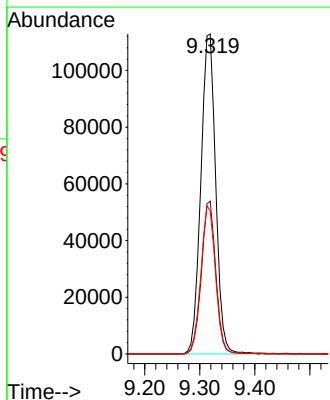
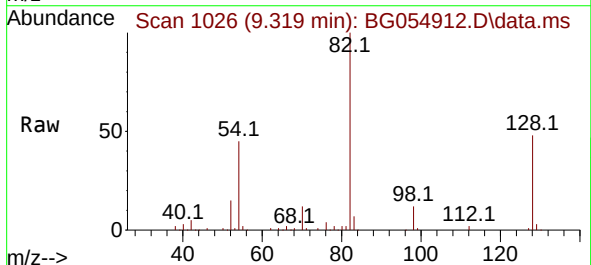
Instrument :
BNA_G
ClientSampleId :
PSC-124037

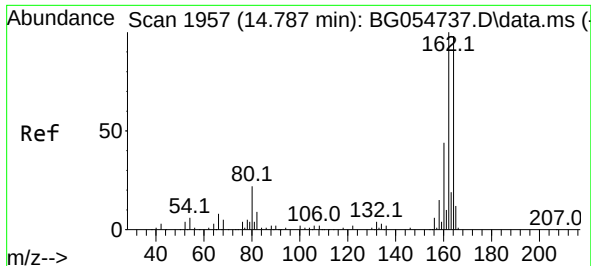
Tgt Ion:	136	Resp:	146864
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	7.3	7.7	11.5#
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 75.584 ng
RT: 9.319 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

Tgt Ion:	82	Resp:	211453
Ion Ratio	Lower	Upper	
82	100		
128	47.7	32.2	48.2
54	44.7	41.4	62.0

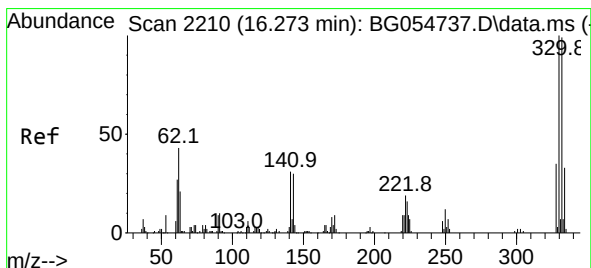
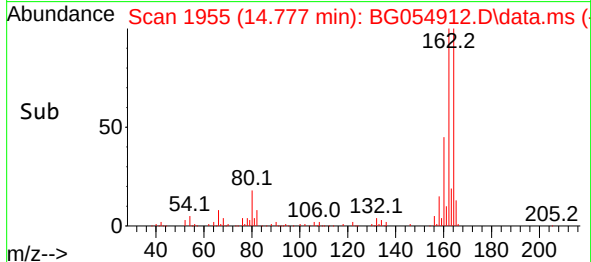
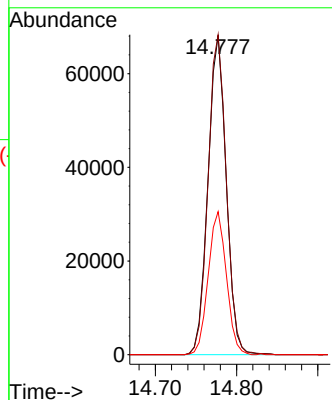
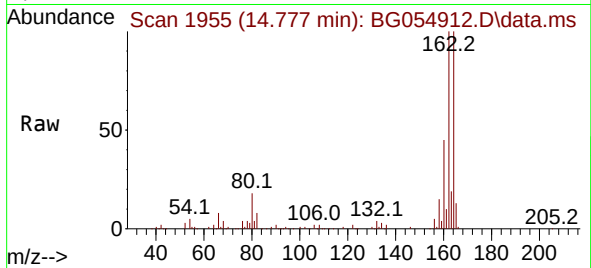




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

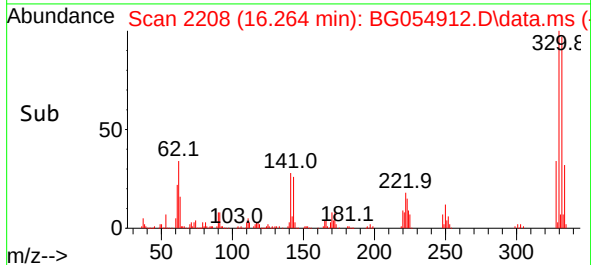
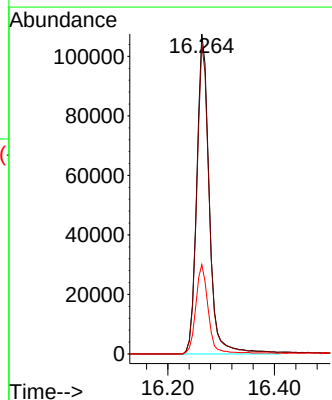
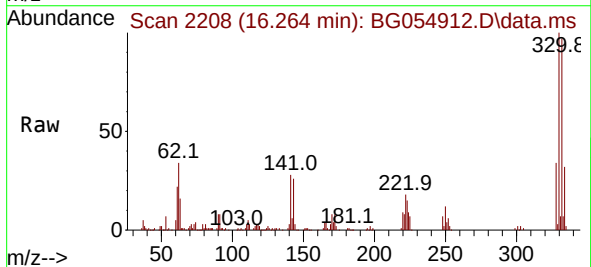
Instrument :
BNA_G
ClientSampleId :
PSC-124037

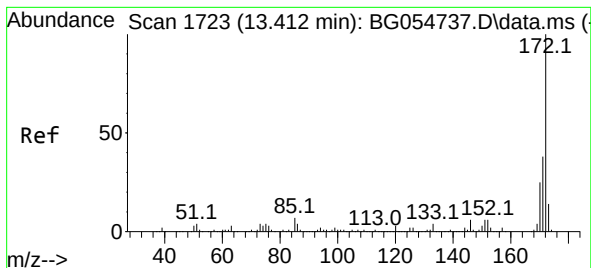
Tgt Ion:164 Resp: 106078
Ion Ratio Lower Upper
164 100
162 100.4 83.0 124.4
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 132.936 ng
RT: 16.264 min Scan# 2208
Delta R.T. -0.008 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

Tgt Ion:330 Resp: 176208
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 27.8 26.8 40.2

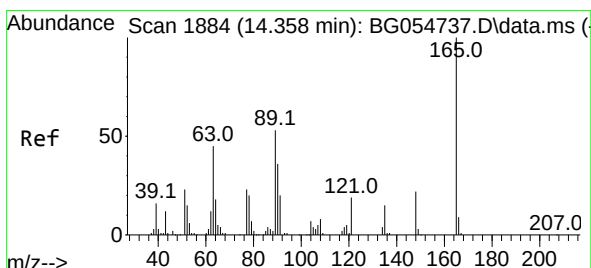
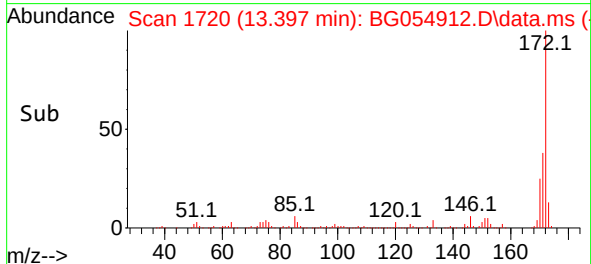
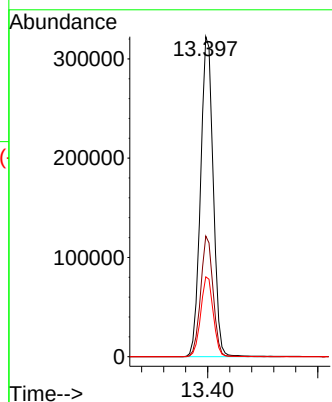
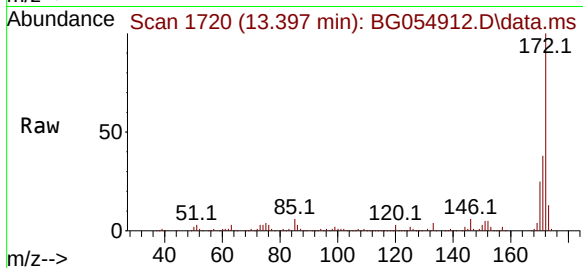




#45
2-Fluorobiphenyl
Concen: 73.069 ng
RT: 13.397 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

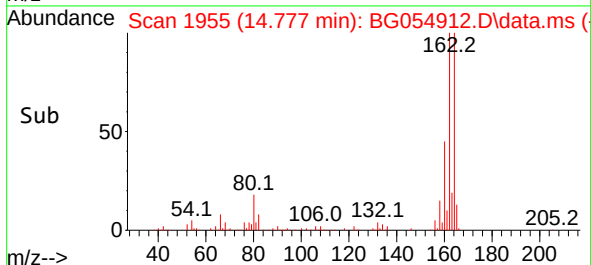
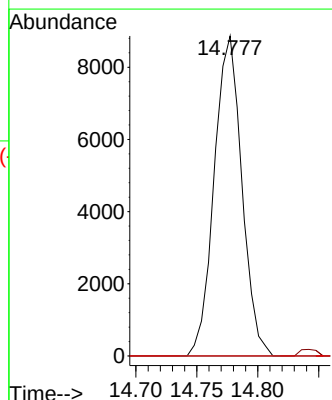
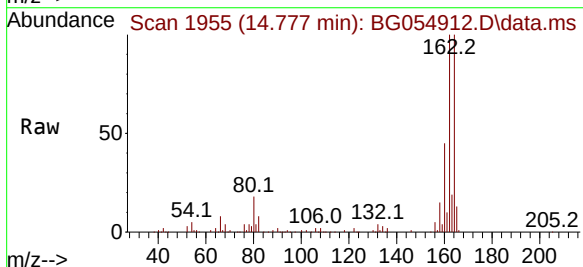
Instrument :
BNA_G
ClientSampleId :
PSC-124037

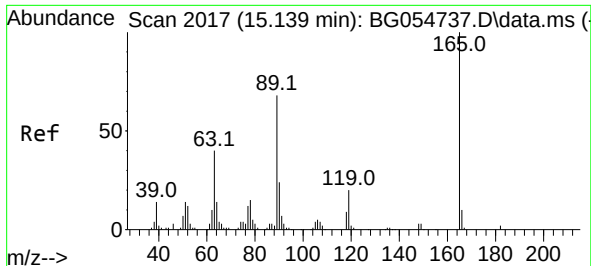
Tgt Ion:172 Resp: 515701
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.372 ng
RT: 14.777 min Scan# 1955
Delta R.T. 0.421 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

Tgt Ion:165 Resp: 13994
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: 6.053 ng

RT: 14.777 min Scan# 1955

Delta R.T. -0.367 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

Instrument :

BNA_G

ClientSampleId :

PSC-124037

Tgt Ion:165 Resp: 13994

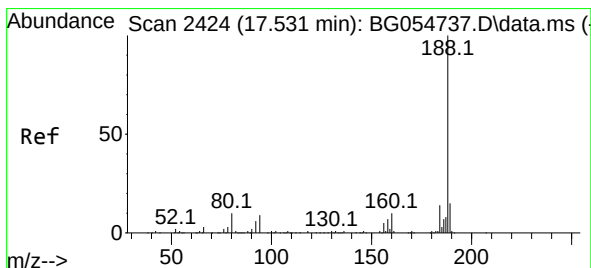
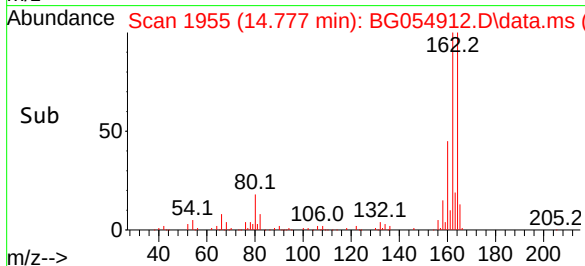
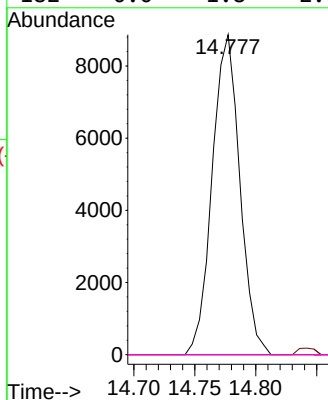
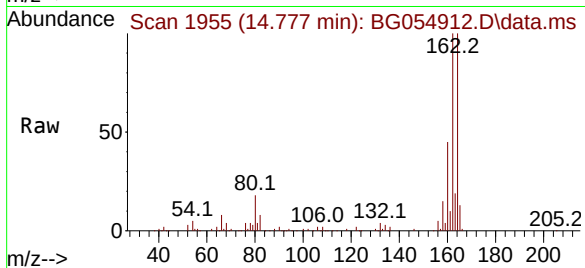
Ion Ratio Lower Upper

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: 17.527 min Scan# 2423

Delta R.T. -0.002 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

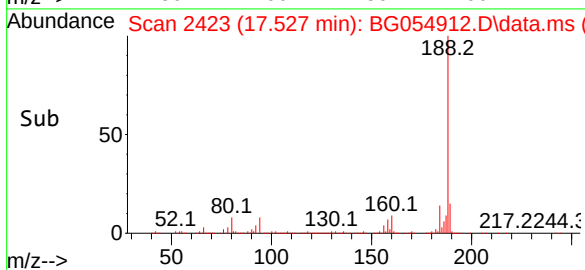
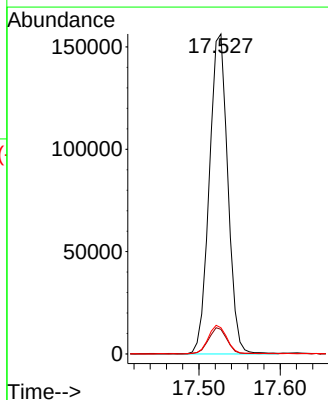
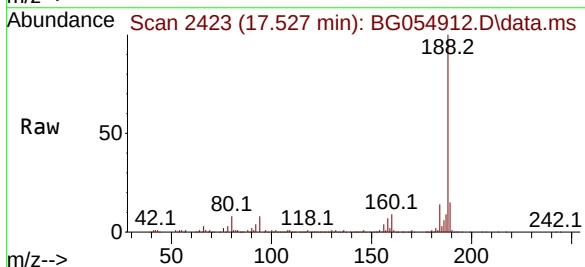
Tgt Ion:188 Resp: 247006

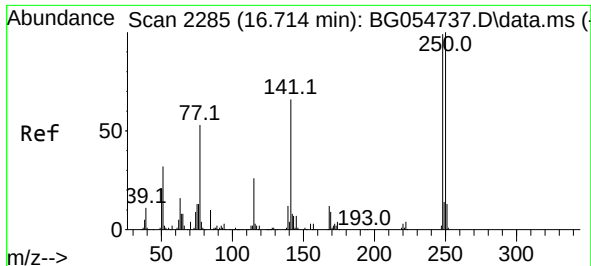
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 8.2 7.9 11.9

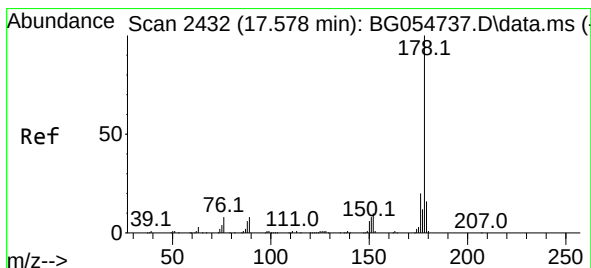
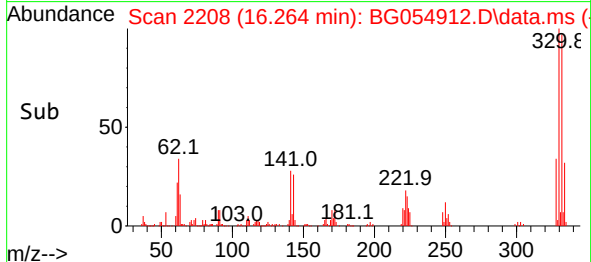
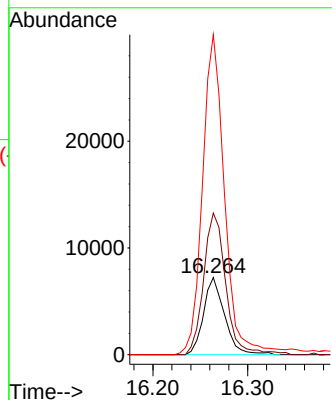
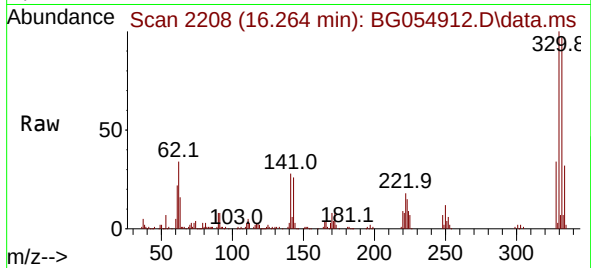




#67
4-Bromophenyl-phenylether
Concen: 4.102 ng
RT: 16.264 min Scan# 211
Delta R.T. -0.443 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

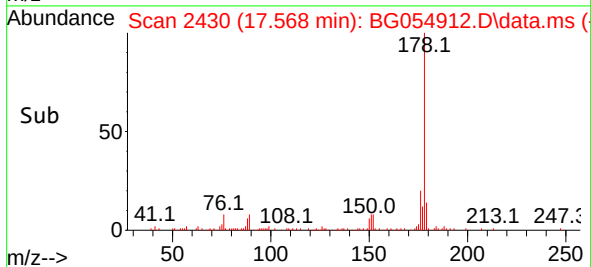
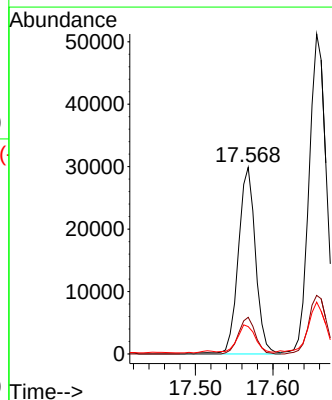
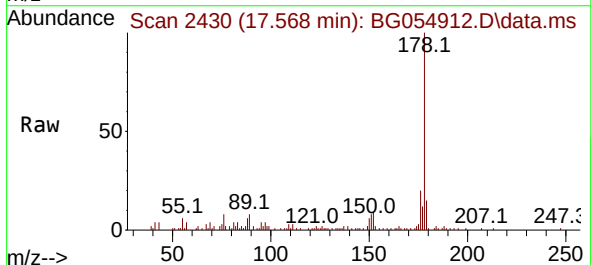
Instrument :
BNA_G
ClientSampleId :
PSC-124037

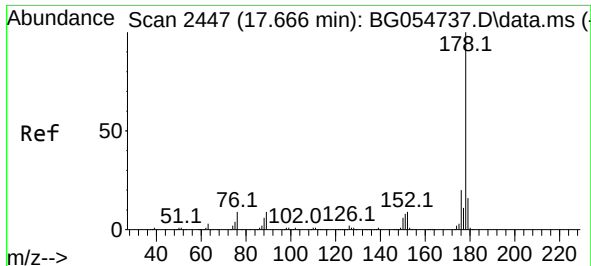
Tgt Ion:248 Resp: 11123
Ion Ratio Lower Upper
248 100
250 183.8 78.8 118.2#
141 415.3 51.9 77.9#



#71
Phenanthrene
Concen: 3.492 ng
RT: 17.568 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG054912.D
Acq: 12 Sep 2022 18:55

Tgt Ion:178 Resp: 45942
Ion Ratio Lower Upper
178 100
176 19.6 16.6 25.0
179 14.7 12.8 19.2

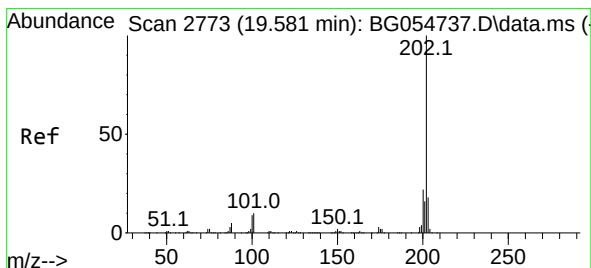
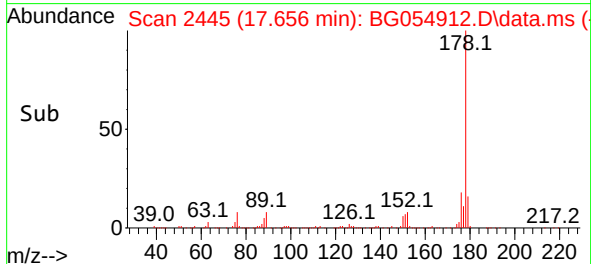
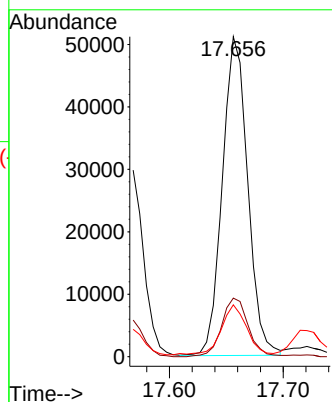
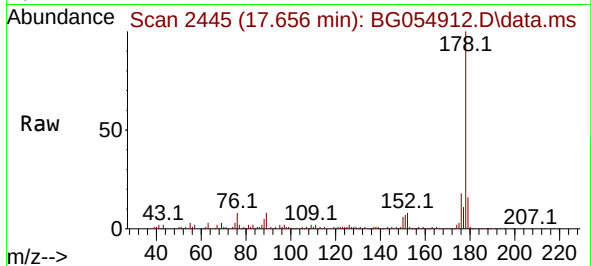




#72
 Anthracene
 Concen: 6.192 ng
 RT: 17.656 min Scan# 2445
 Delta R.T. -0.008 min
 Lab File: BG054912.D
 Acq: 12 Sep 2022 18:55

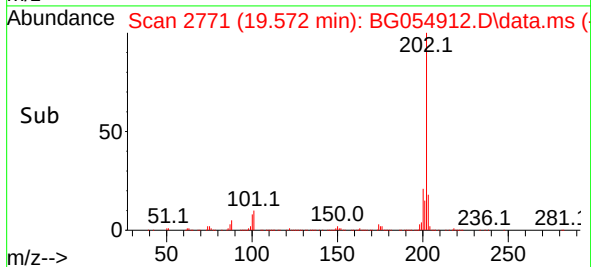
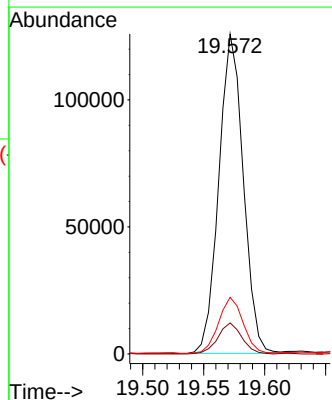
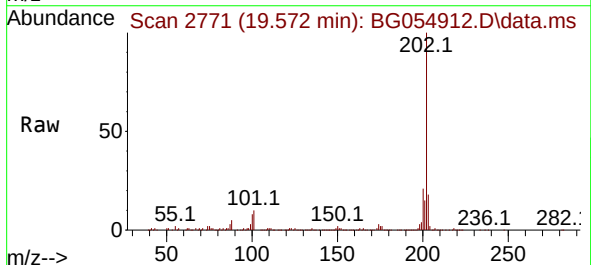
Instrument :
 BNA_G
 ClientSampleId :
 PSC-124037

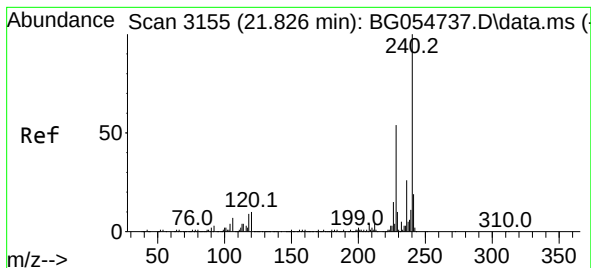
Tgt Ion:178 Resp: 79212
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.2 24.4
 179 16.2 12.9 19.3



#75
 Fluoranthene
 Concen: 10.969 ng
 RT: 19.572 min Scan# 2771
 Delta R.T. -0.008 min
 Lab File: BG054912.D
 Acq: 12 Sep 2022 18:55

Tgt Ion:202 Resp: 175574
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 31.4
 203 17.7 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.816 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

Instrument :

BNA_G

ClientSampleId :

PSC-124037

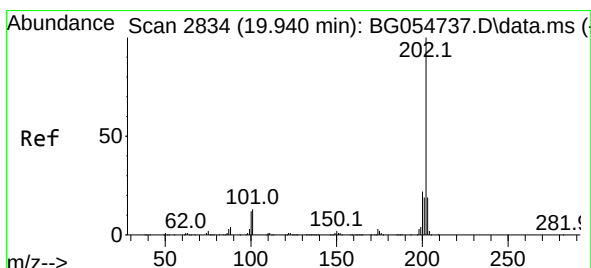
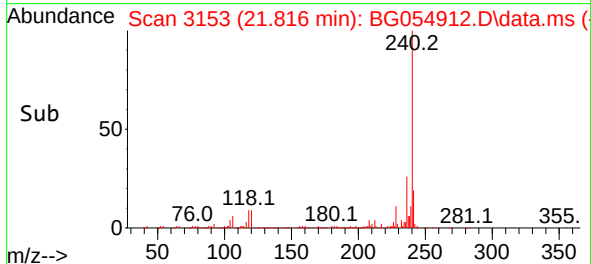
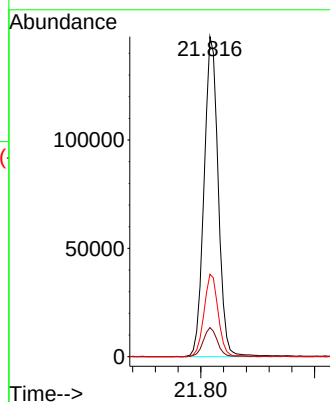
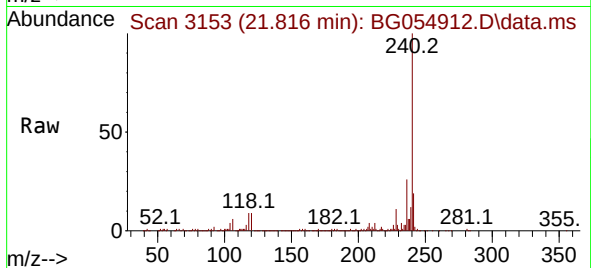
Tgt Ion:240 Resp: 255236

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.4

236 25.8 21.2 31.8



#78

Pyrene

Concen: 10.836 ng

RT: 19.936 min Scan# 2833

Delta R.T. -0.002 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

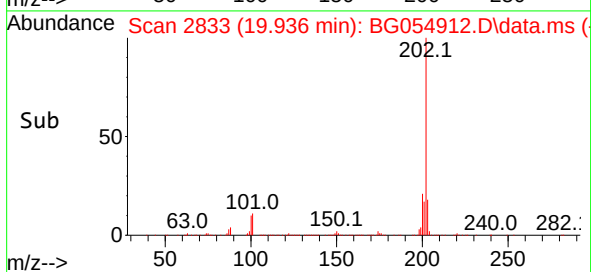
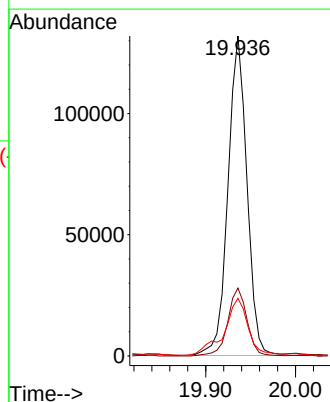
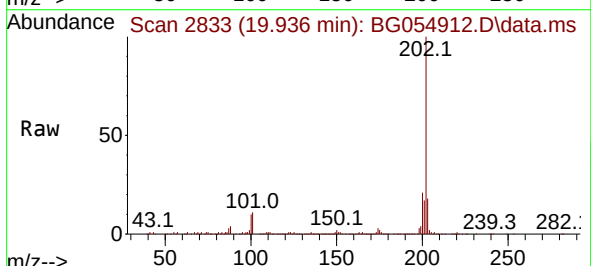
Tgt Ion:202 Resp: 192860

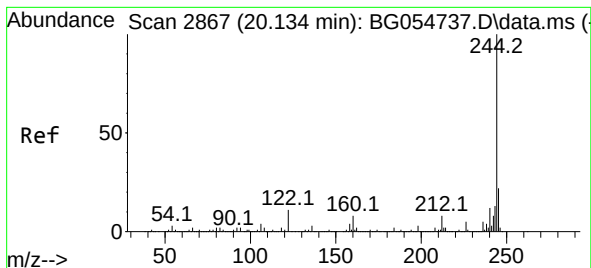
Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 65.260 ng

RT: 20.124 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

Instrument :

BNA_G

ClientSampleId :

PSC-124037

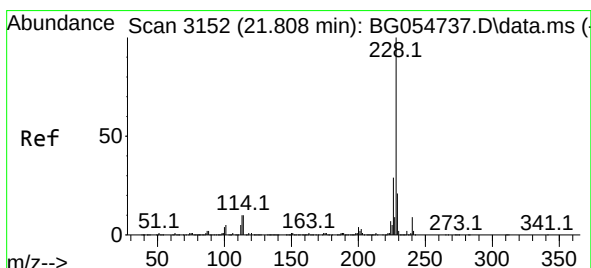
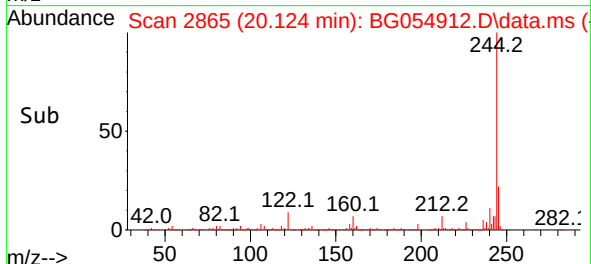
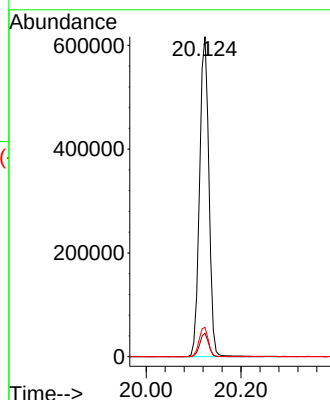
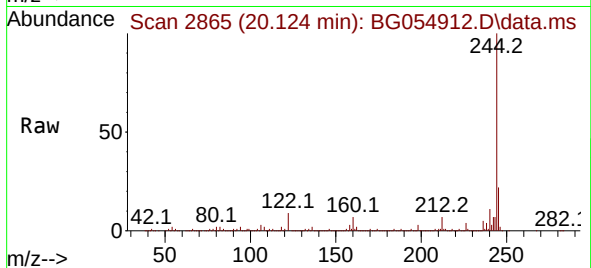
Tgt Ion:244 Resp: 840656

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 9.2 9.0 13.6



#81

Benzo(a)anthracene

Concen: 5.635 ng

RT: 21.798 min Scan# 3150

Delta R.T. -0.008 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

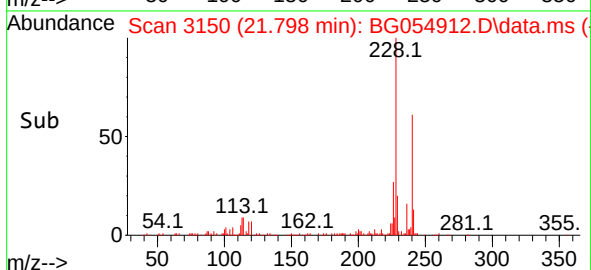
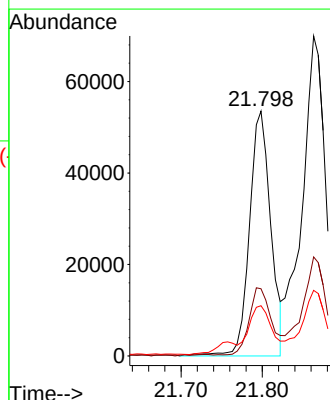
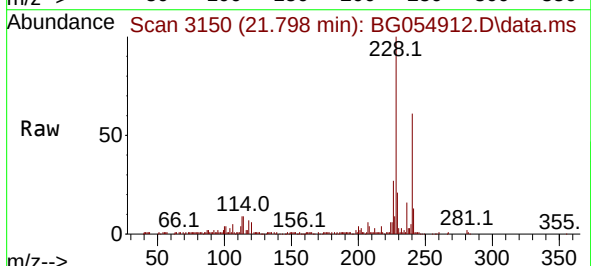
Tgt Ion:228 Resp: 97519

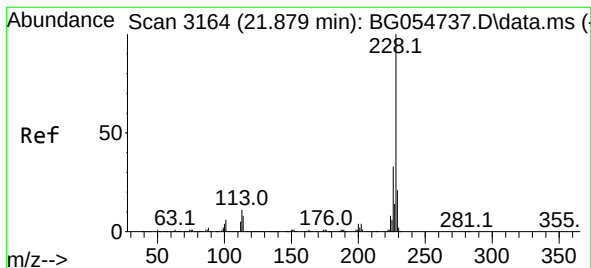
Ion Ratio Lower Upper

228 100

226 27.5 23.4 35.2

229 20.5 16.5 24.7





#83

Chrysene

Concen: 8.119 ng

RT: 21.863 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

Instrument :

BNA_G

ClientSampleId :

PSC-124037

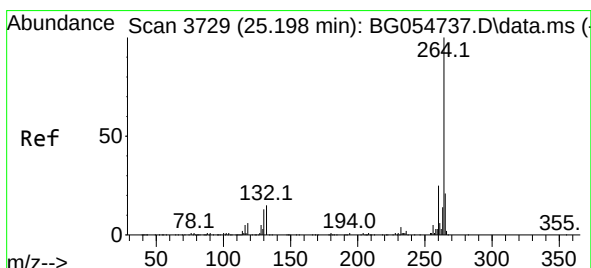
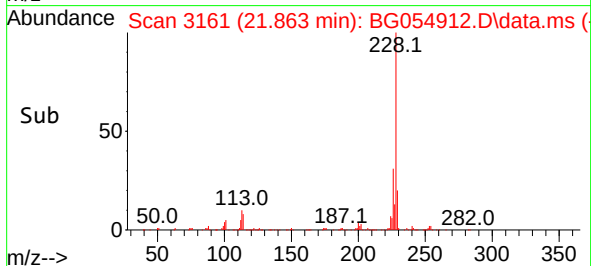
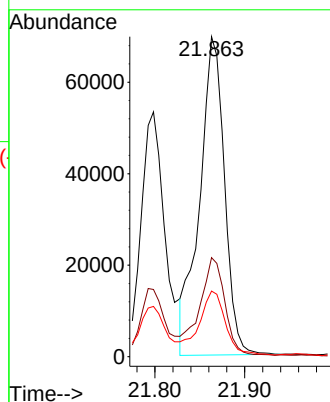
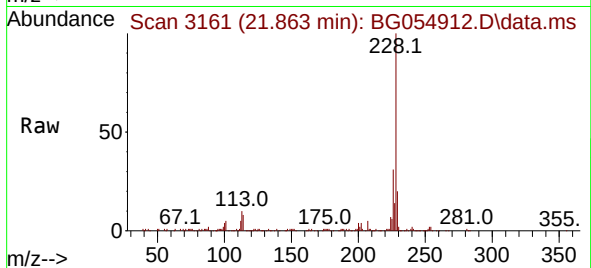
Tgt Ion:228 Resp: 134336

Ion Ratio Lower Upper

228 100

226 31.0 25.5 38.3

229 20.5 16.8 25.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.194 min Scan# 3728

Delta R.T. -0.008 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

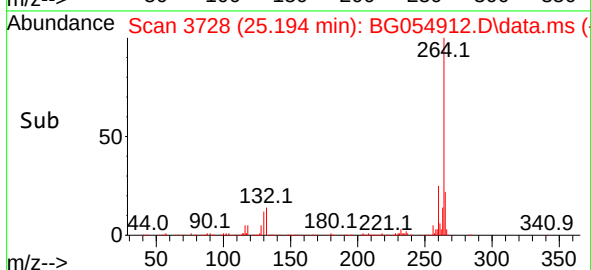
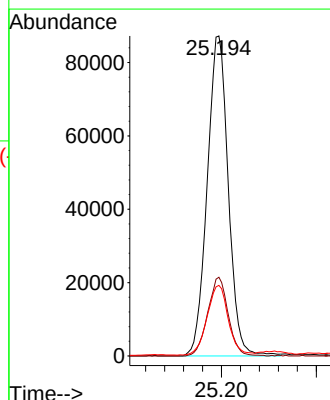
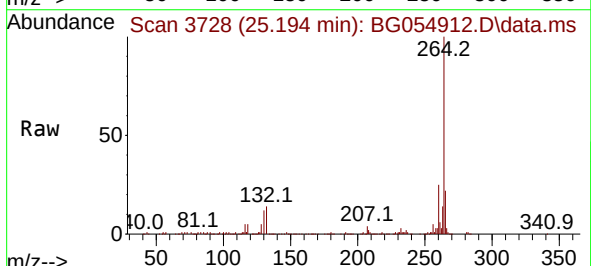
Tgt Ion:264 Resp: 269309

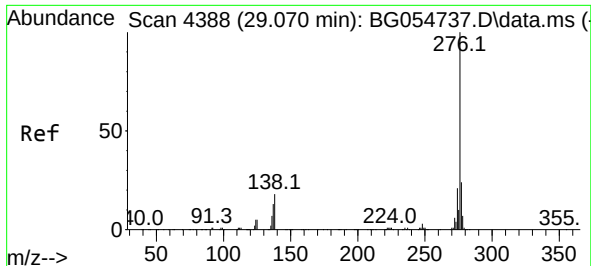
Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 22.0 16.9 25.3

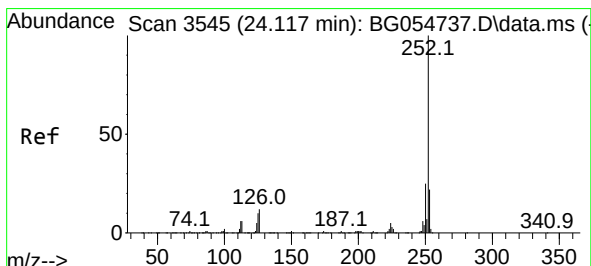
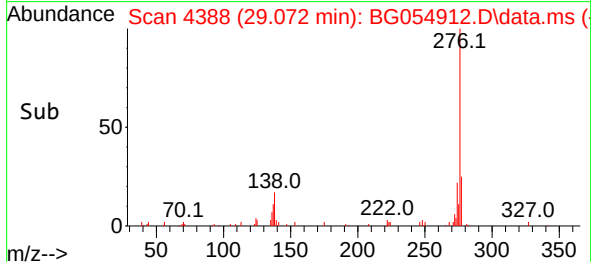
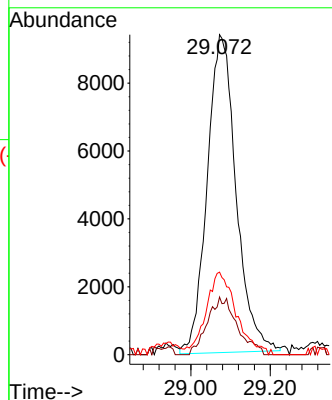
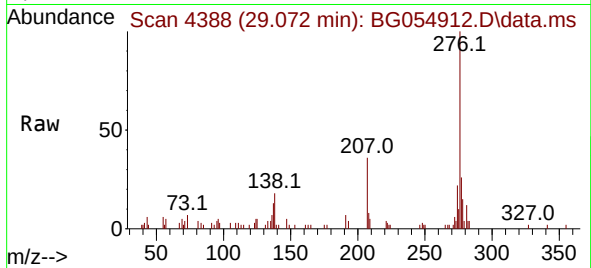




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.317 ng
 RT: 29.072 min Scan# 41
 Delta R.T. -0.037 min
 Lab File: BG054912.D
 Acq: 12 Sep 2022 18:55

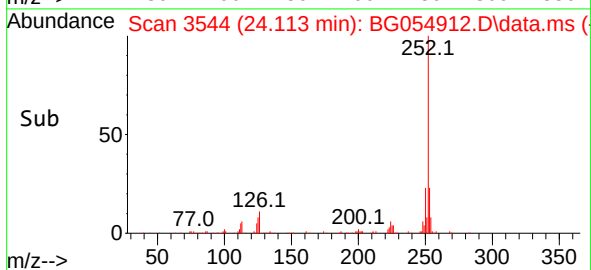
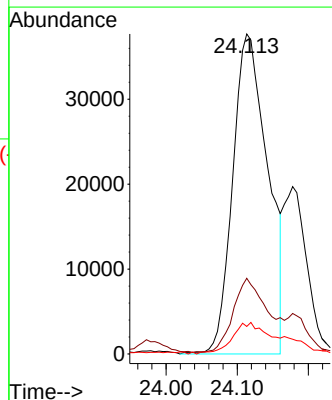
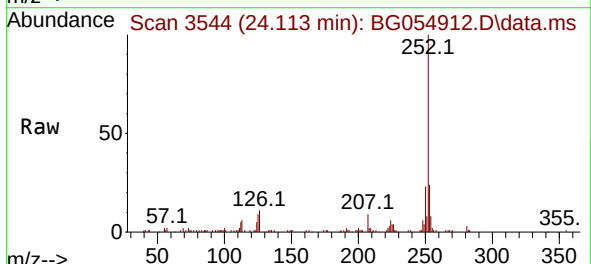
Instrument :
 BNA_G
 ClientSampleId :
 PSC-124037

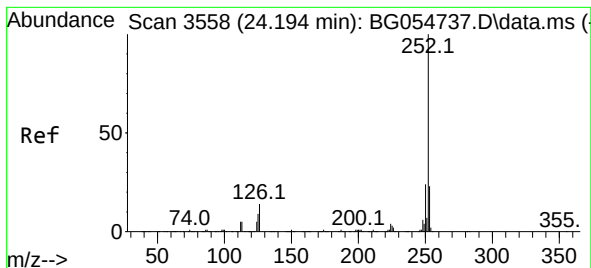
Tgt Ion:276 Resp: 47373
 Ion Ratio Lower Upper
 276 100
 138 18.5 12.0 18.0#
 277 27.3 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 7.636 ng
 RT: 24.113 min Scan# 3544
 Delta R.T. -0.008 min
 Lab File: BG054912.D
 Acq: 12 Sep 2022 18:55

Tgt Ion:252 Resp: 129005
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.0 27.0
 125 8.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 7.588 ng

RT: 24.113 min Scan# 3

Delta R.T. -0.079 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

Instrument :

BNA_G

ClientSampleId :

PSC-124037

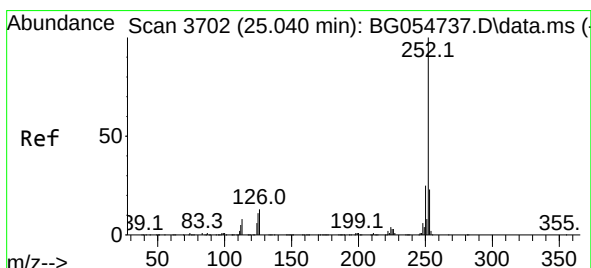
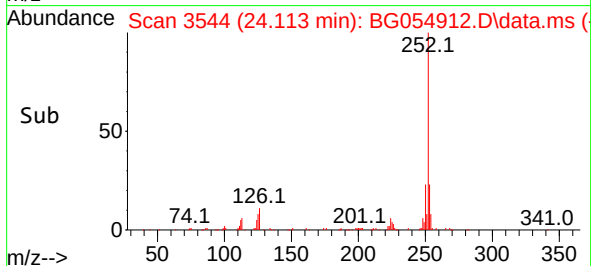
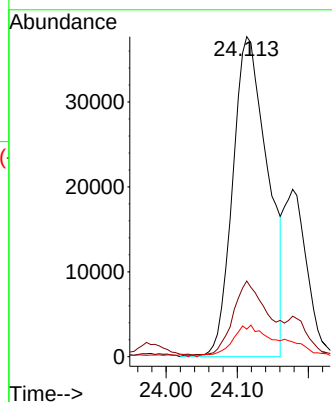
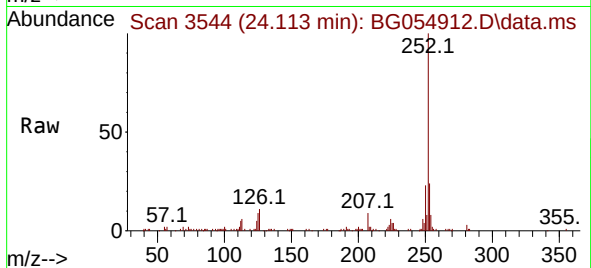
Tgt Ion:252 Resp: 129005

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 8.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 5.613 ng

RT: 25.030 min Scan# 3700

Delta R.T. -0.020 min

Lab File: BG054912.D

Acq: 12 Sep 2022 18:55

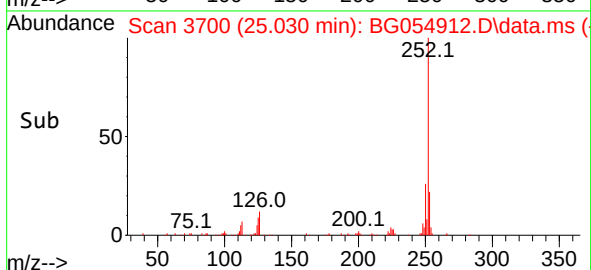
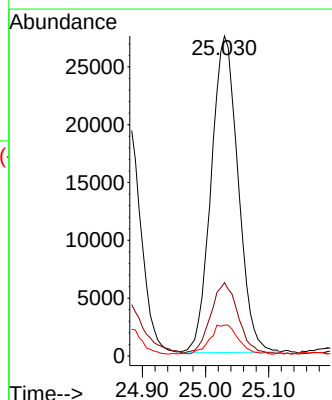
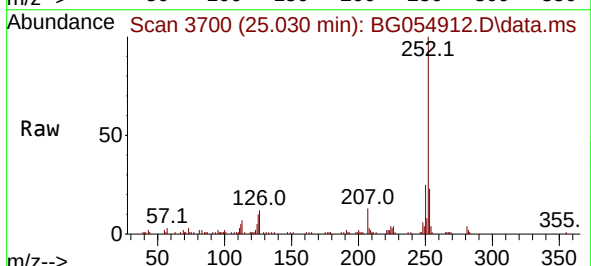
Tgt Ion:252 Resp: 81014

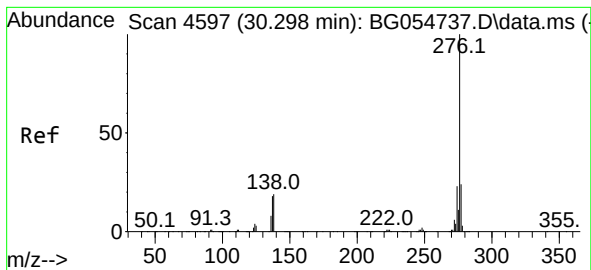
Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

125 9.6 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 2.508 ng

RT: 30.300 min Scan# 4

Delta R.T. -0.026 min

Lab File: BG054912.D

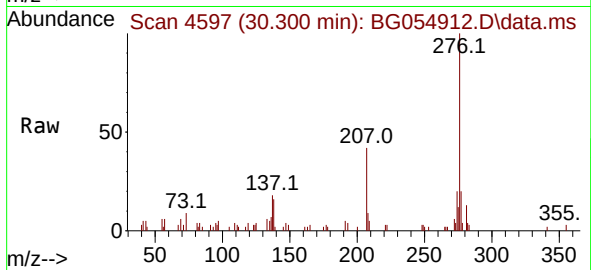
Acq: 12 Sep 2022 18:55

Instrument :

BNA_G

ClientSampleId :

PSC-124037



Tgt Ion:276 Resp: 42200

Ion Ratio Lower Upper

276 100

277 20.1 19.4 29.0

138 15.9 16.6 25.0#

