

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096108.D
 Acq On : 24 Apr 2018 5:00
 Operator : SJ/JU
 Sample : J2434-09DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4DL

Quant Time: Apr 24 11:02:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

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

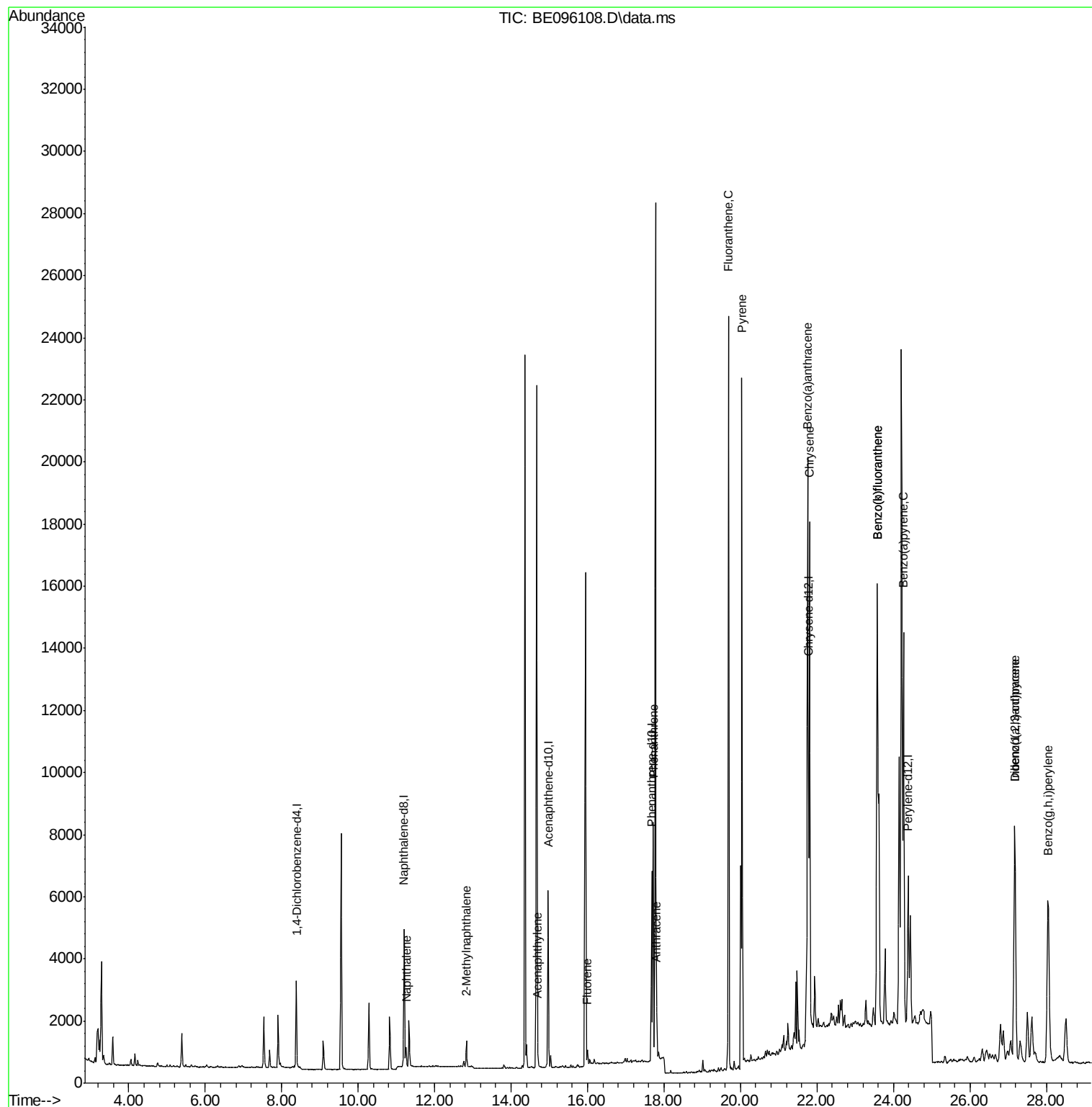
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.382	152	2059	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.971	164	3196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.676	188	7128	0.40	ng/ul	0.00
16) Chrysene-d12	21.767	240	8142	0.40	ng/ul	0.00
20) Perylene-d12	24.382	264	7110	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.757	152	206	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.655	212	516	0.02	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.253	128	863	0.05	ng/ul#	76
5) 2-Methylnaphthalene	12.834	142	654	0.06	ng/ul	99
7) Acenaphthylene	14.695	152	388	0.02	ng/ul#	72
9) Fluorene	15.994	166	294	0.02	ng/ul#	84
12) Phenanthrene	17.718	178	8063	0.38	ng/ul#	89
13) Anthracene	17.803	178	1599	0.08	ng/ul#	90
15) Fluoranthene	19.687	202	26282	0.92	ng/ul	83
17) Pyrene	20.039	202	27832	1.01	ng/ul#	79
18) Benzo(a)anthracene	21.746	228	21083	0.64	ng/ul#	85
19) Chrysene	21.802	228	17184	0.73	ng/ul	96
21) Benzo(b)fluoranthene	23.574	252	36383	1.58	ng/ul	86
22) Benzo(k)fluoranthene	23.574	252	36383	1.59	ng/ul#	88
23) Benzo(a)pyrene	24.263	252	19493	0.88	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.173	276	13579	0.55	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.173	278	3615	0.18	ng/ul	93
26) Benzo(a,h,i)perylene	28.047	276	13693	0.66	ng/ul#	94

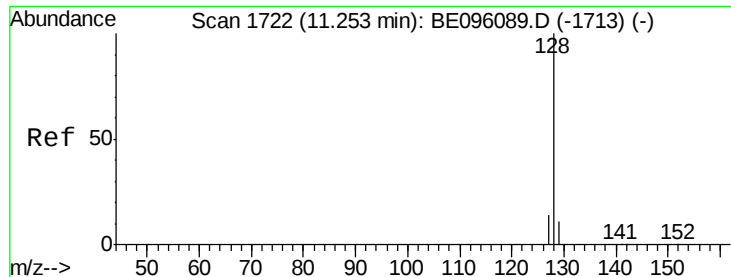
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 11.253 min Scan# 17

Delta R.T. -0.000 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

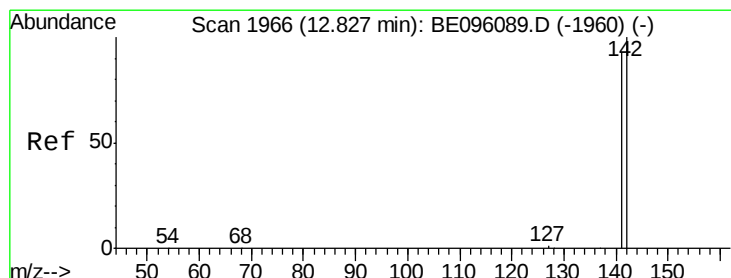
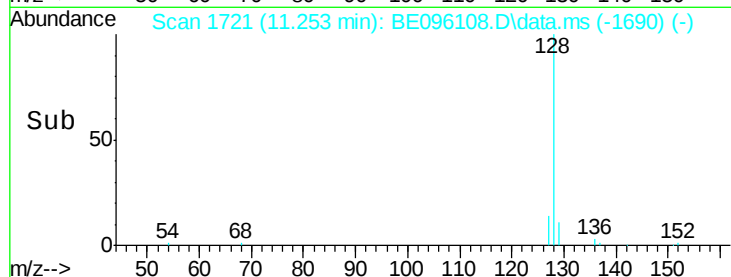
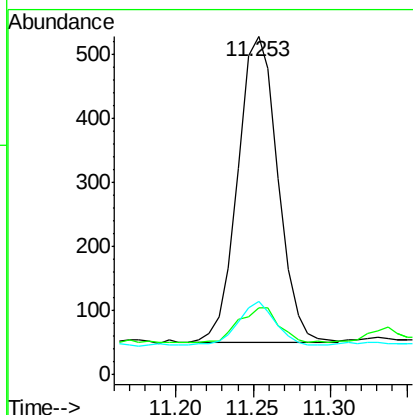
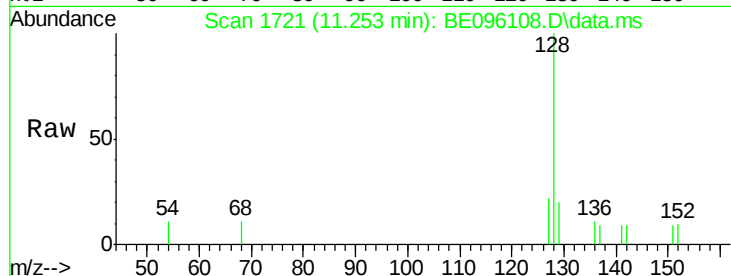
Tot Ion:128 Resp: 863

Ion Ratio Lower Upper

128 100

129 19.9 11.3 16.9#

127 21.6 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.834 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BE096108.D

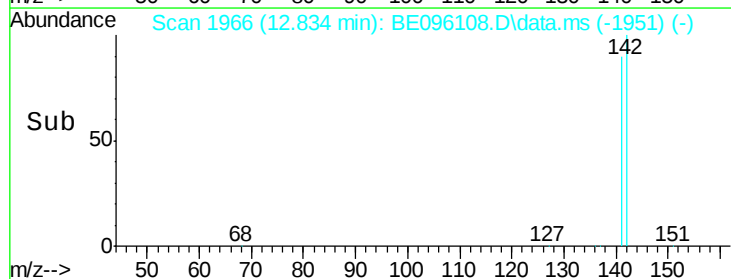
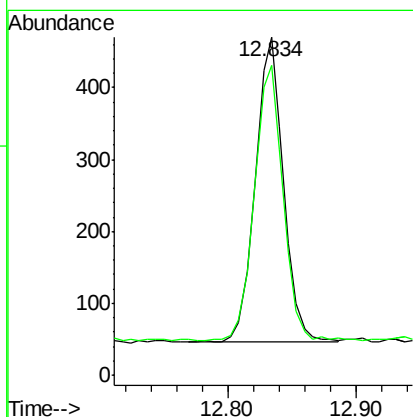
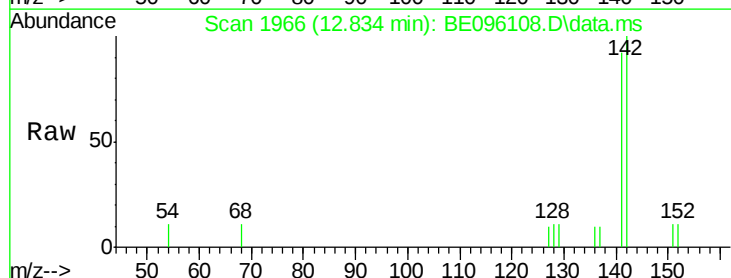
Acq: 24 Apr 2018 5:00

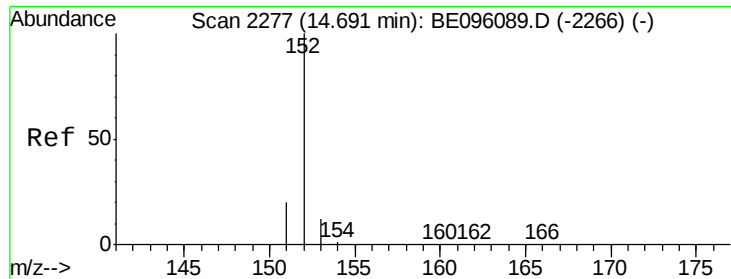
Tgt Ion:142 Resp: 654

Ion Ratio Lower Upper

142 100

141 91.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.695 min Scan# 22

Delta R.T. -0.001 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

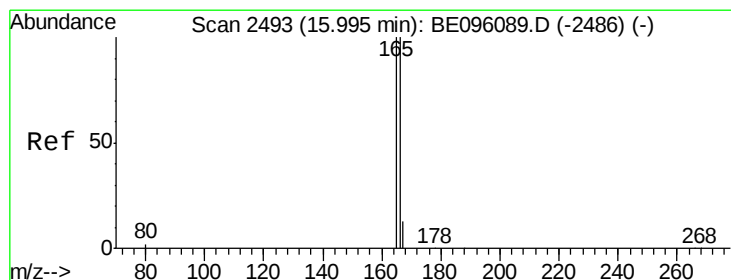
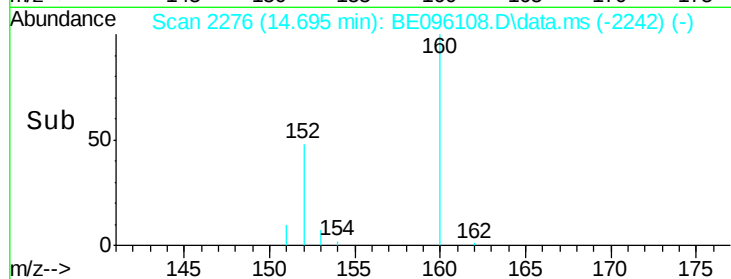
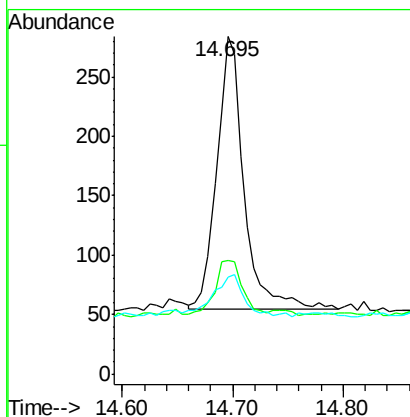
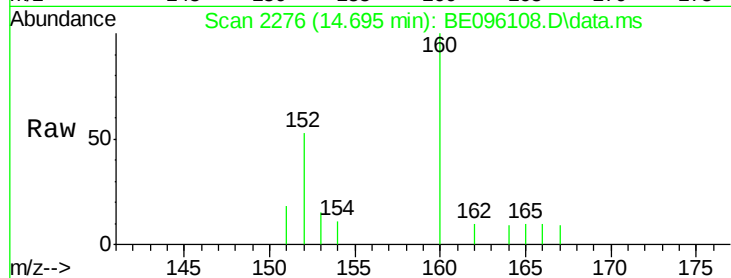
Tot Ion:152 Resp: 388

Ion Ratio Lower Upper

152 100

151 33.5 17.1 25.7#

153 28.9 12.8 19.2#



#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.994 min Scan# 2491

Delta R.T. 0.000 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

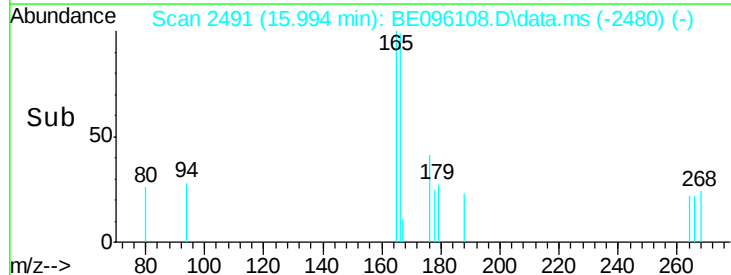
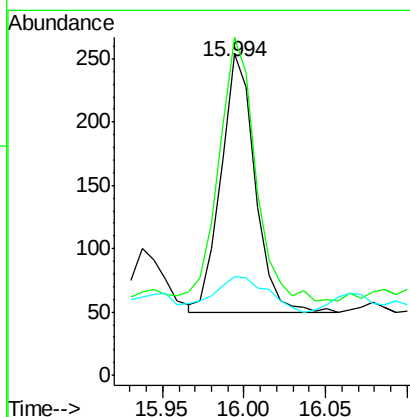
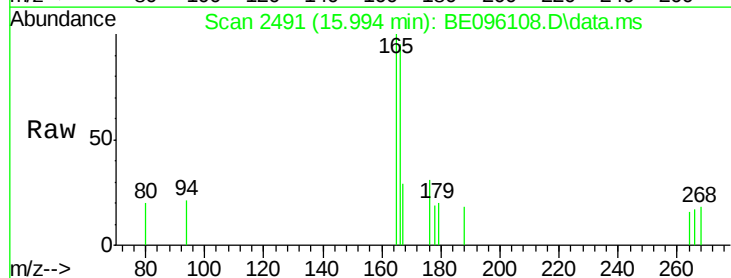
Tgt Ion:166 Resp: 294

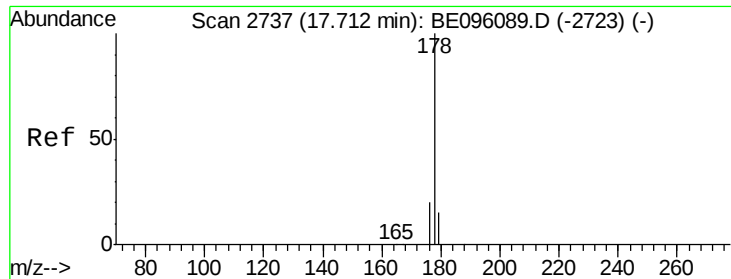
Ion Ratio Lower Upper

166 100

165 105.1 73.4 110.2

167 30.7 14.6 22.0#





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.718 min Scan# 27

Delta R.T. 0.000 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

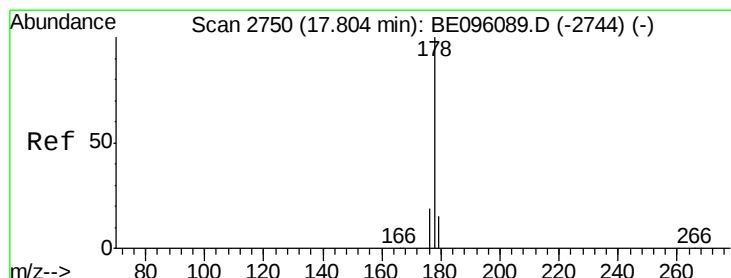
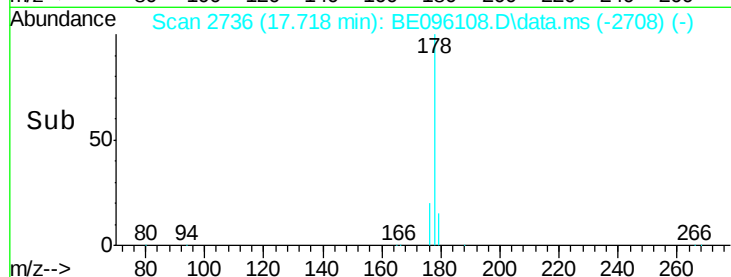
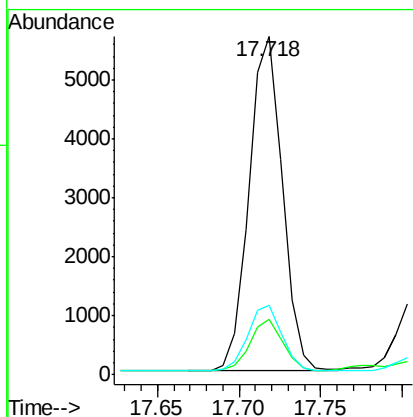
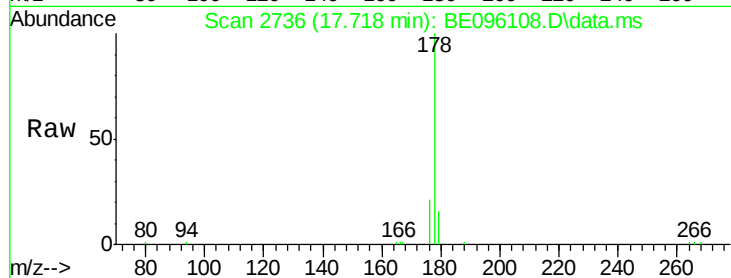
Tot Ion:178 Resp: 8063

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

176 20.6 13.6 20.4#



#13

Anthracene

Concen: 0.08 ng/ul

RT: 17.803 min Scan# 2748

Delta R.T. 0.000 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

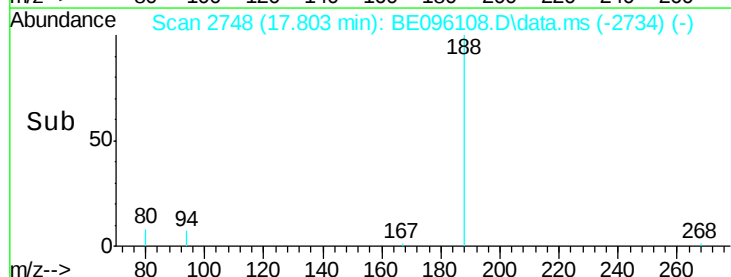
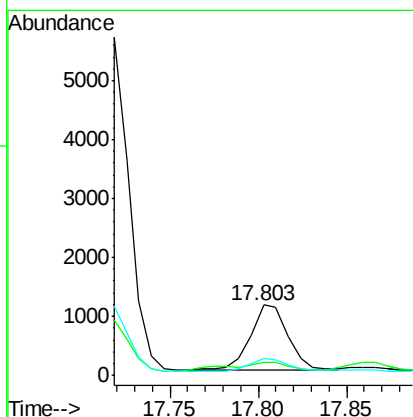
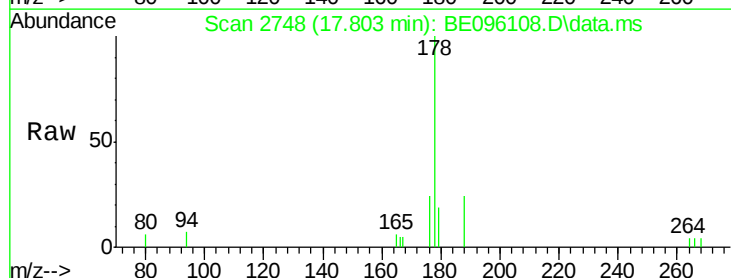
Tgt Ion:178 Resp: 1599

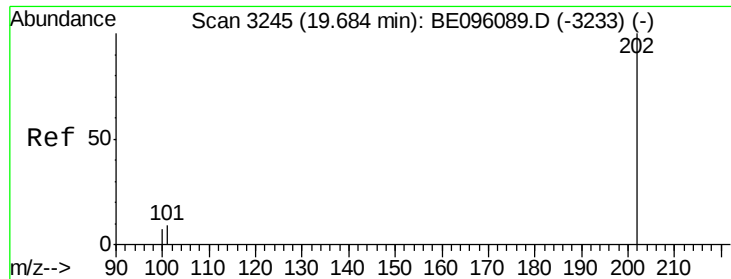
Ion Ratio Lower Upper

178 100

179 19.2 18.1 27.1

176 24.1 14.7 22.1#





#15

Fluoranthene

Concen: 0.92 ng/ul

RT: 19.687 min Scan# 32

Delta R.T. 0.003 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

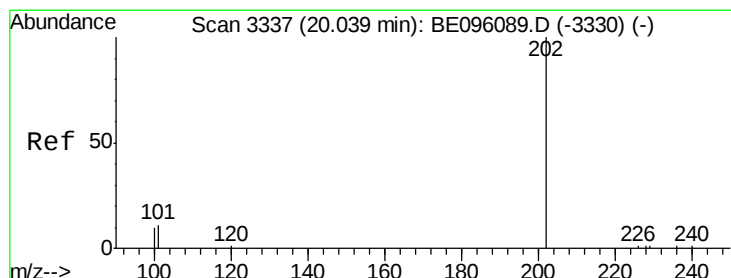
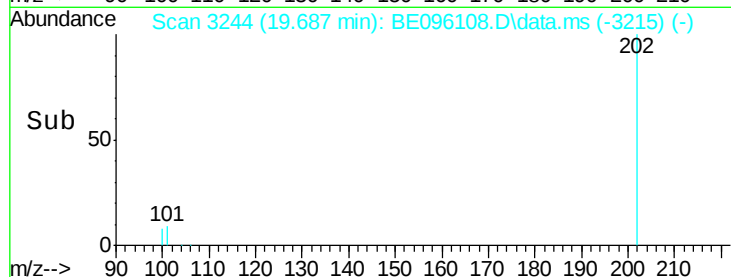
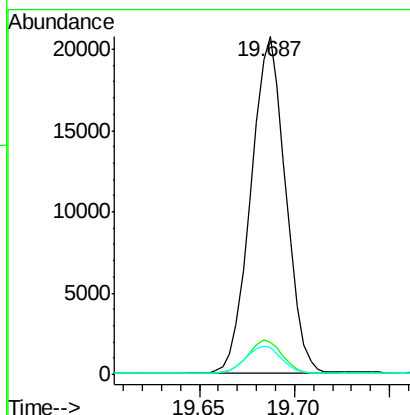
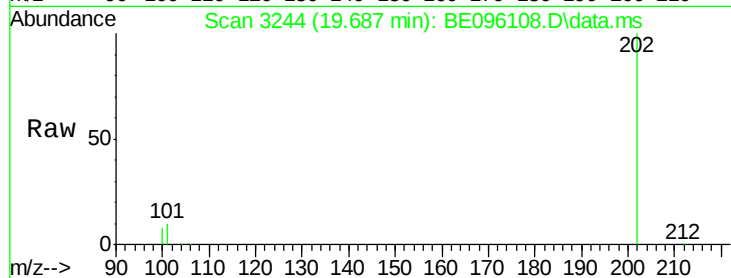
Tot Ion:202 Resp: 26282

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

100 8.1 0.0 39.5



#17

Pyrene

Concen: 1.01 ng/ul

RT: 20.039 min Scan# 3335

Delta R.T. -0.002 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

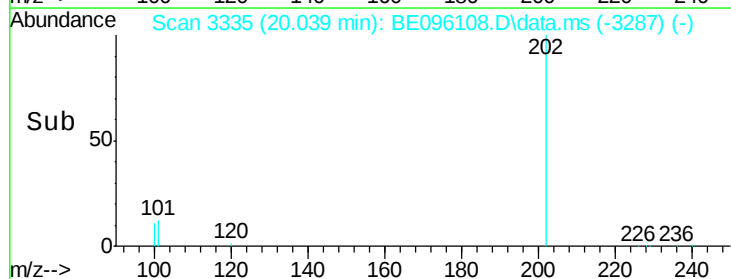
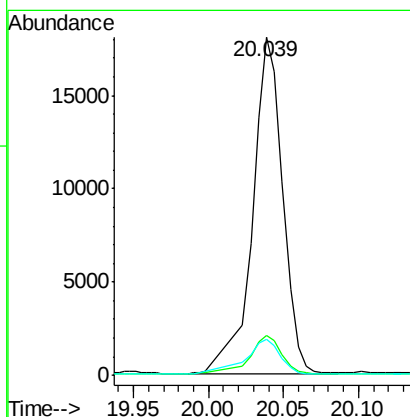
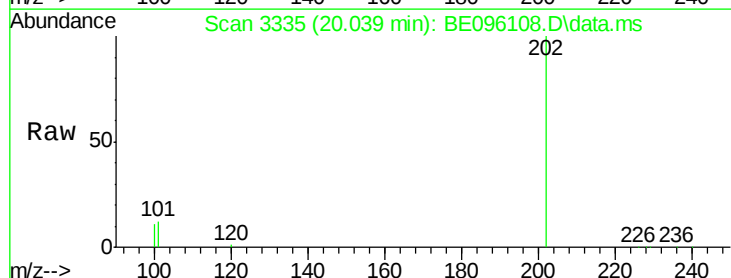
Tgt Ion:202 Resp: 27832

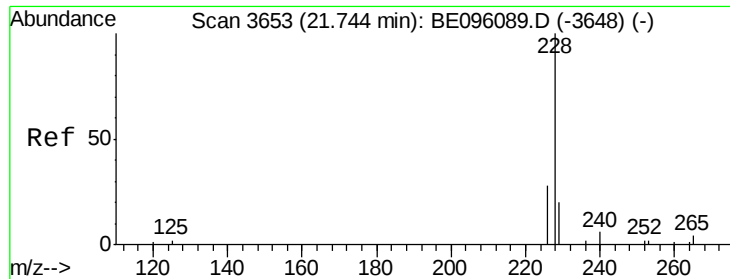
Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

100 10.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.64 ng/ul

RT: 21.746 min Scan# 36

Delta R.T. 0.001 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

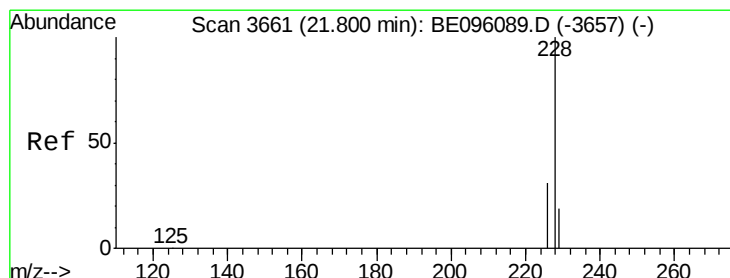
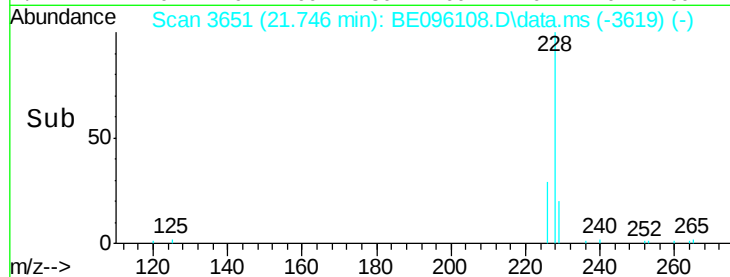
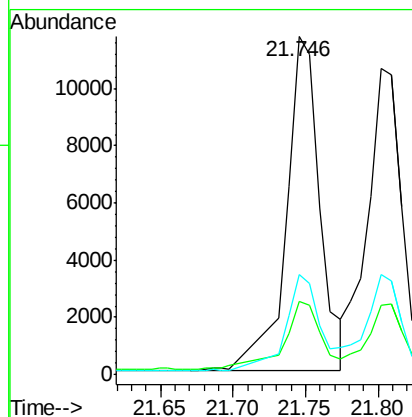
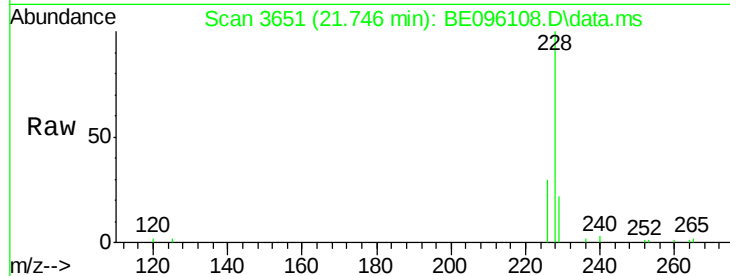
Tot Ion:228 Resp: 21083

Ion Ratio Lower Upper

228 100

229 21.6 22.8 34.2#

226 29.5 17.0 25.6#



#19

Chrysene

Concen: 0.73 ng/ul

RT: 21.802 min Scan# 3659

Delta R.T. -0.006 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

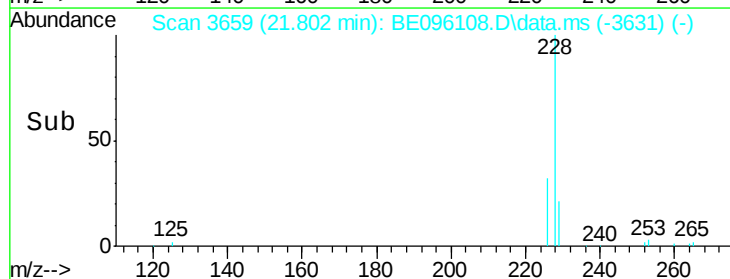
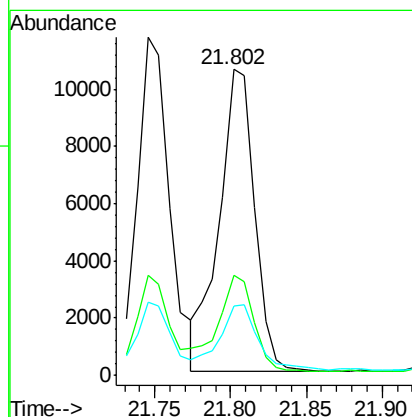
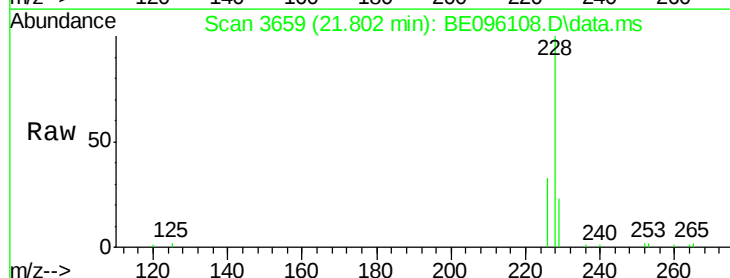
Tgt Ion:228 Resp: 17184

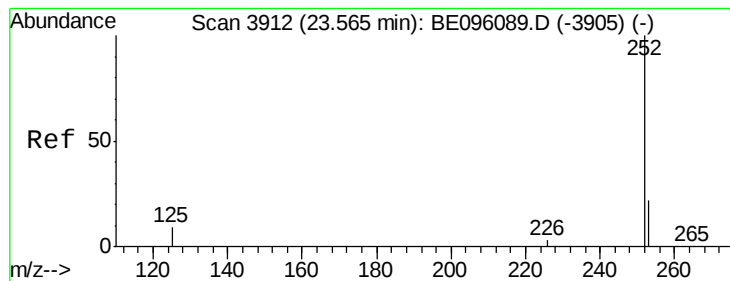
Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.0

229 22.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.58 ng/ul

RT: 23.574 min Scan# 3911

Delta R.T. 0.008 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

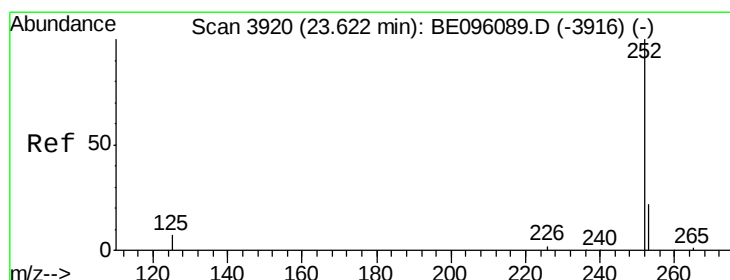
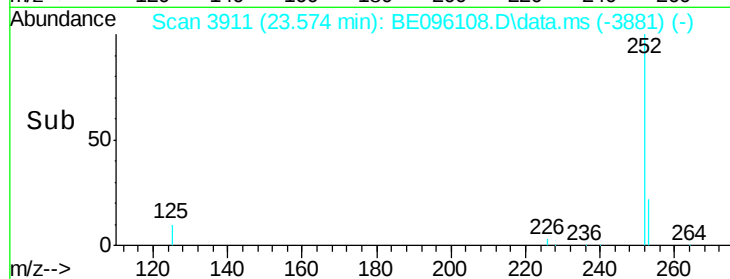
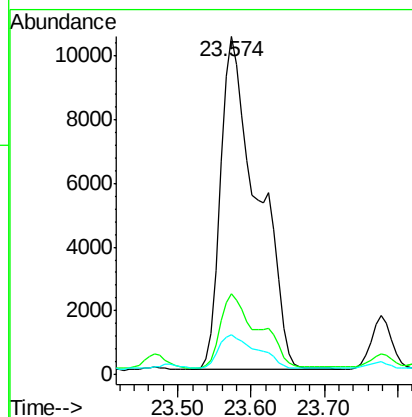
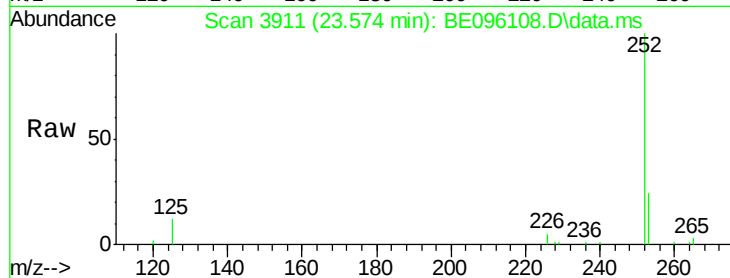
Tot Ion:252 Resp: 36383

Ion Ratio Lower Upper

252 100

253 23.9 0.0 64.2

125 11.7 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 1.59 ng/ul

RT: 23.574 min Scan# 3911

Delta R.T. -0.048 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

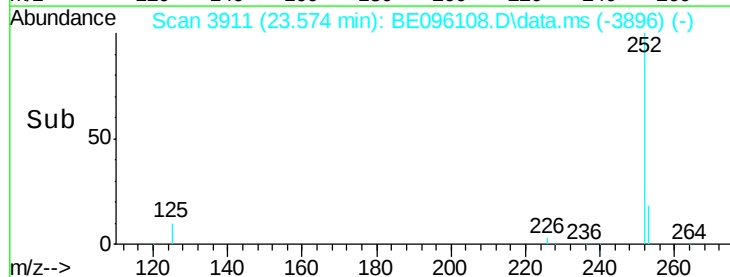
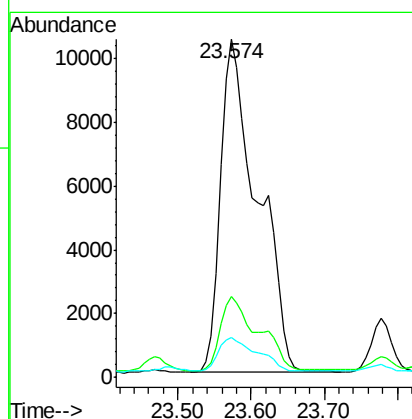
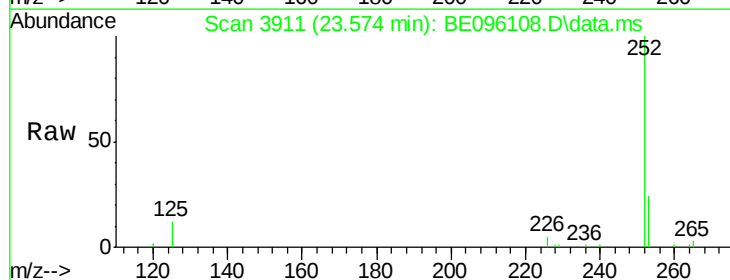
Tgt Ion:252 Resp: 36383

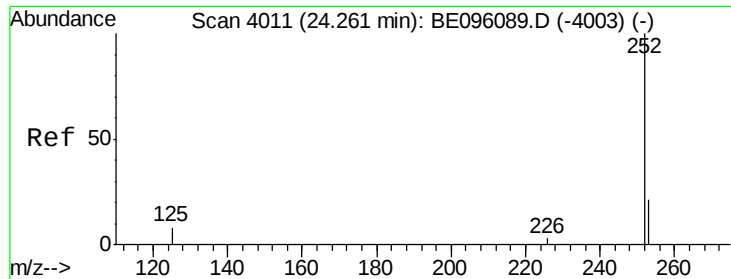
Ion Ratio Lower Upper

252 100

253 23.9 24.5 36.7#

125 11.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.88 ng/ul

RT: 24.263 min Scan# 4011

Delta R.T. 0.001 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

Instrument :

BNA_E

ClientSampleId :

C0AC4DL

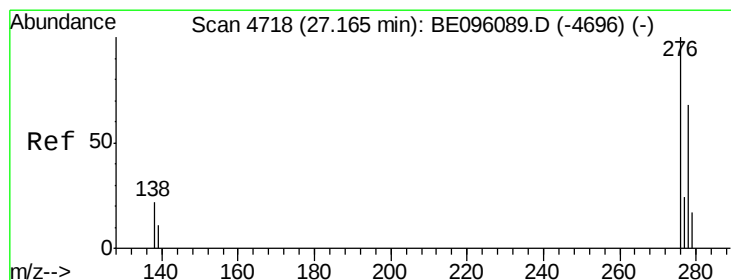
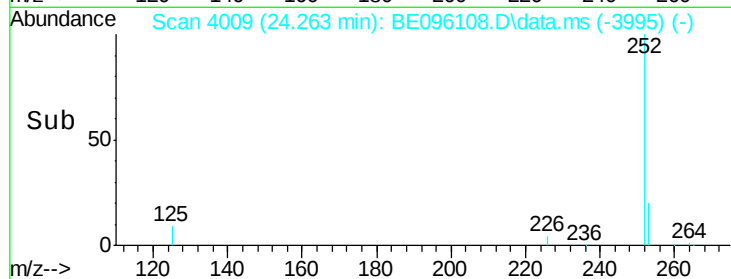
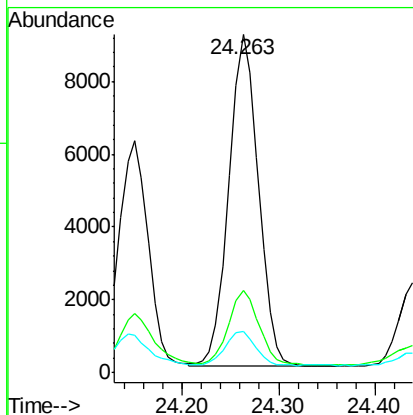
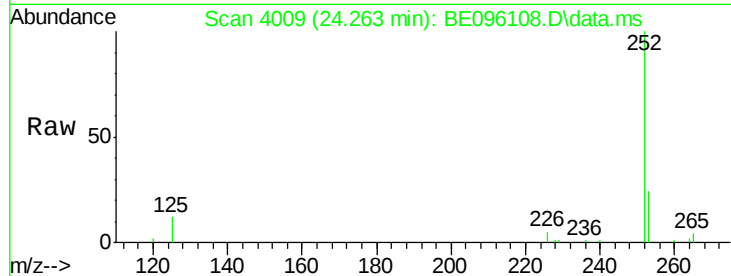
Tot Ion:252 Resp: 19493

Ion Ratio Lower Upper

252 100

253 24.4 28.5 42.7#

125 12.1 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.55 ng/ul

RT: 27.173 min Scan# 4718

Delta R.T. 0.008 min

Lab File: BE096108.D

Acq: 24 Apr 2018 5:00

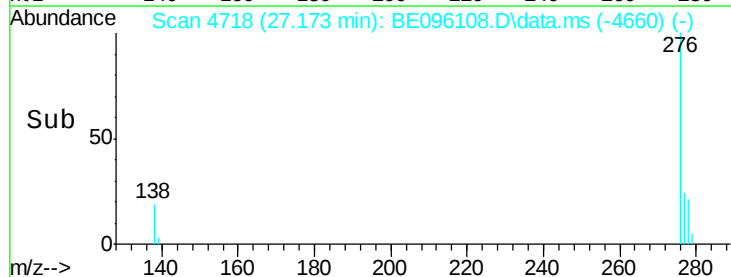
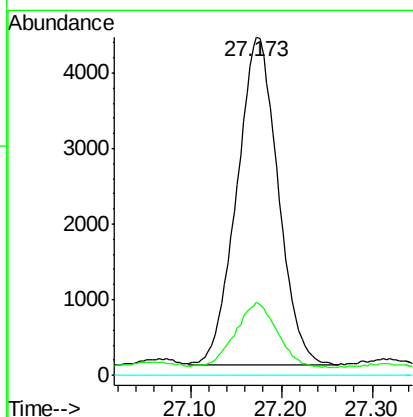
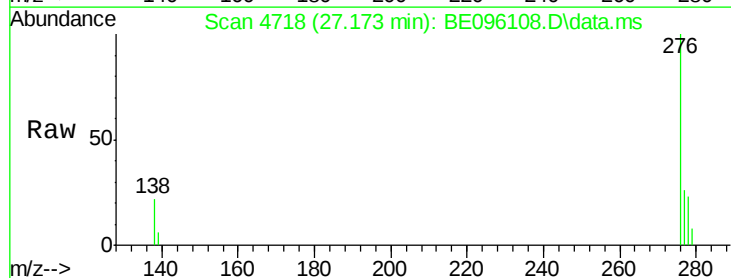
Tgt Ion:276 Resp: 13579

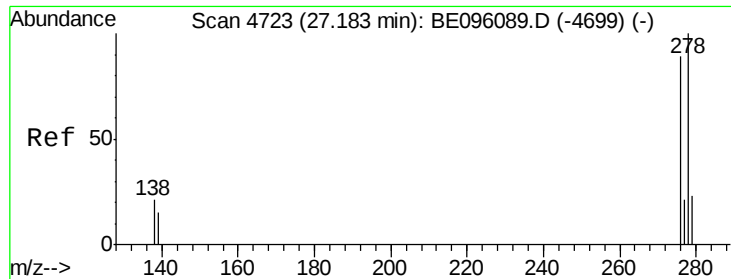
Ion Ratio Lower Upper

276 100

138 20.6 28.0 42.0#

227 0.0 8.0 12.0#

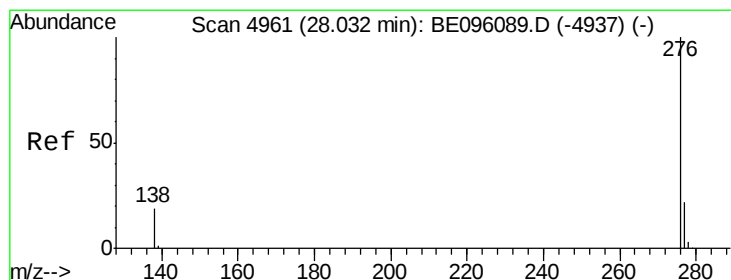
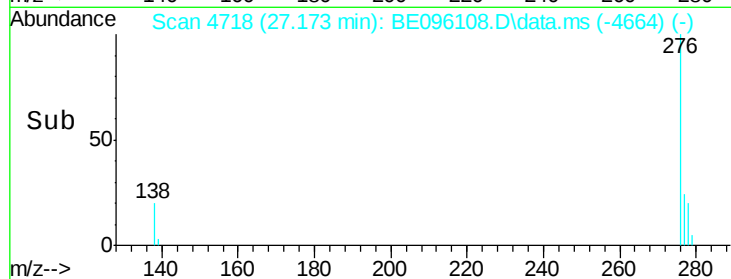
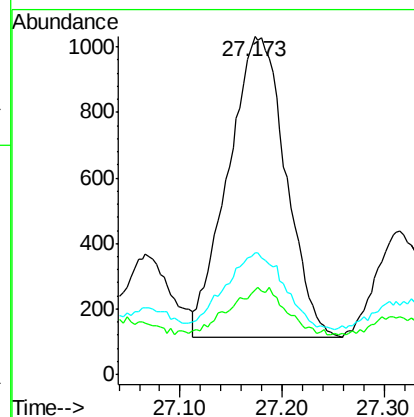
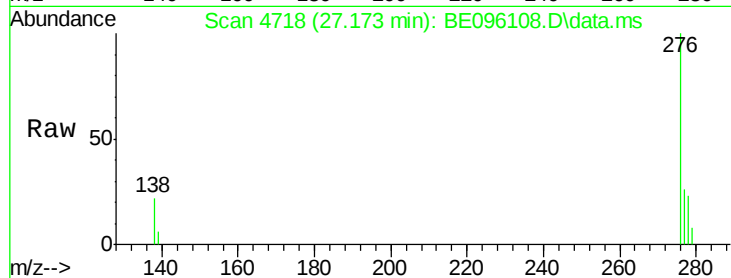




#25
 Dibenzo(a,h)anthracene
 Concen: 0.18 ng/ul
 RT: 27.173 min Scan# 47
 Delta R.T. -0.007 min
 Lab File: BE096108.D
 Acq: 24 Apr 2018 5:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4DL

Tot Ion:278 Resp: 3615
 Ion Ratio Lower Upper
 278 100
 139 25.0 17.4 26.0
 279 36.0 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.66 ng/ul
 RT: 28.047 min Scan# 4963
 Delta R.T. 0.008 min
 Lab File: BE096108.D
 Acq: 24 Apr 2018 5:00

Tgt Ion:276 Resp: 13693
 Ion Ratio Lower Upper
 276 100
 138 21.4 21.8 32.8#
 277 26.1 20.5 30.7

