

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096107.D
 Acq On : 24 Apr 2018 4:24
 Operator : SJ/JU
 Sample : J2434-08DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

Quant Time: Apr 24 11:02:28 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)

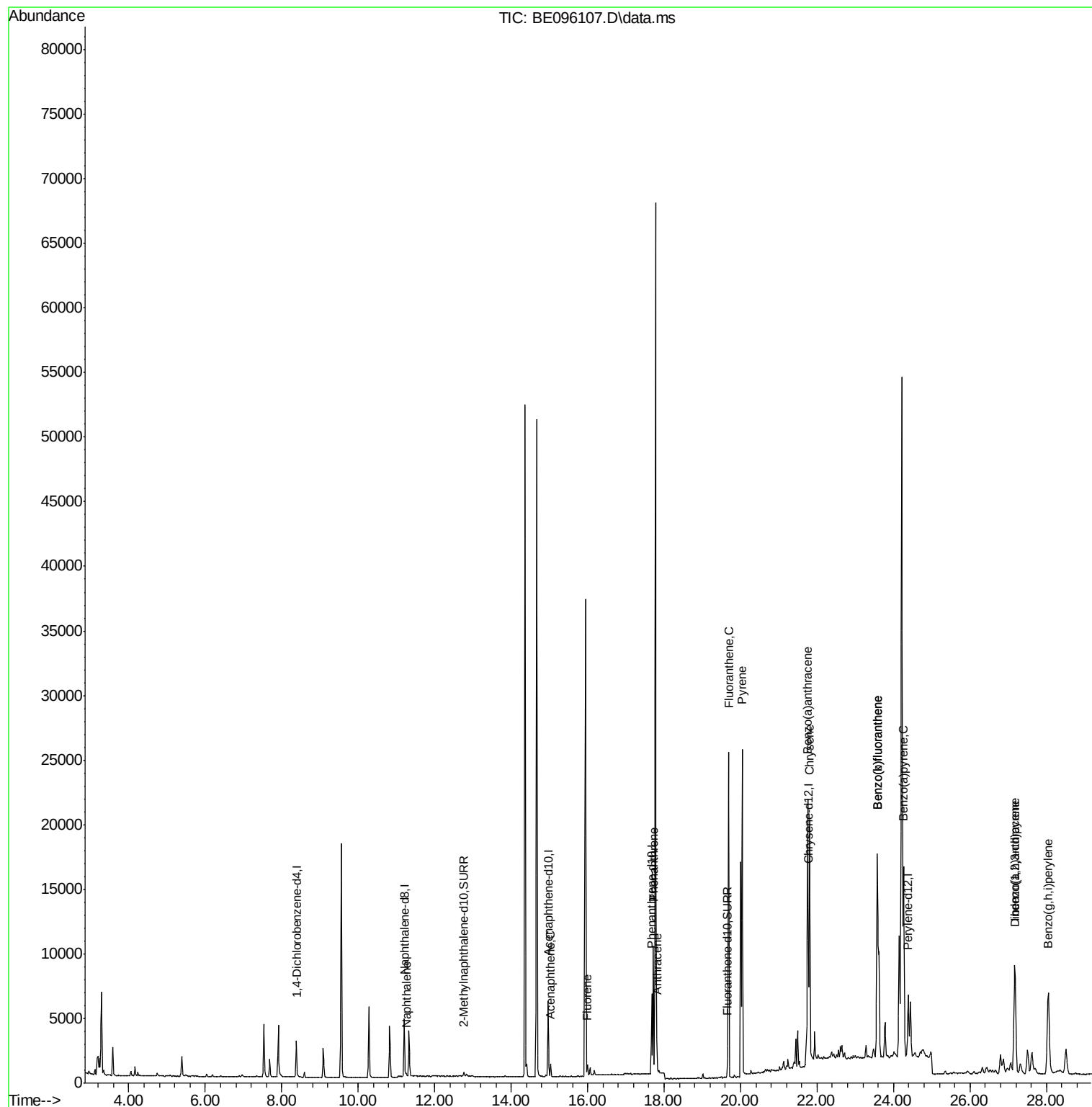
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	2094	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5862	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.970	164	3311	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.676	188	7264	0.40	ng/ul	0.00
16) Chrysene-d12	21.765	240	8202	0.40	ng/ul	0.00
20) Perylene-d12	24.381	264	7252	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.757	152	449	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.659	212	1185	0.04	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.254	128	350	0.02	ng/ul#	53
8) Acenaphthene	15.029	153	565	0.05	ng/ul#	92
9) Fluorene	15.994	166	537	0.04	ng/ul#	91
12) Phenanthrene	17.718	178	10081	0.47	ng/ul#	89
13) Anthracene	17.809	178	2699	0.13	ng/ul	92
15) Fluoranthene	19.688	202	29143	1.00	ng/ul	83
17) Pyrene	20.040	202	30020	1.08	ng/ul#	80
18) Benzo(a)anthracene	21.751	228	20097	0.61	ng/ul#	86
19) Chrysene	21.807	228	18929	0.79	ng/ul	97
21) Benzo(b)fluoranthene	23.572	252	41062	1.75	ng/ul	86
22) Benzo(k)fluoranthene	23.572	252	40986	1.75	ng/ul#	88
23) Benzo(a)pyrene	24.261	252	23578	1.04	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.172	276	16200	0.64	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.183	278	4183	0.21	ng/ul	96
26) Benzo(a,h,i)perylene	28.050	276	16208	0.77	ng/ul	95

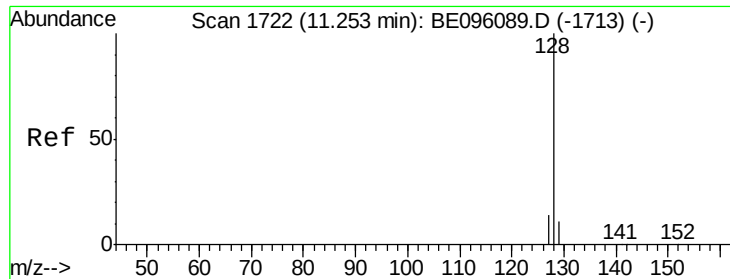
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 11.254 min Scan# 17

Delta R.T. 0.000 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

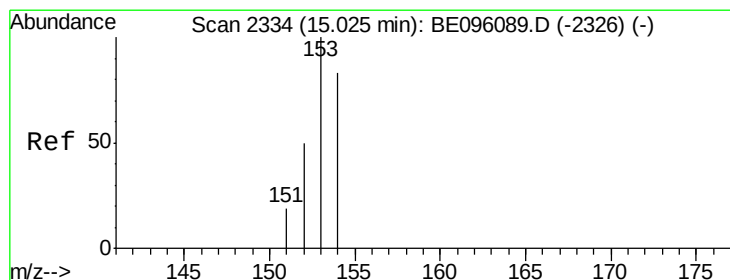
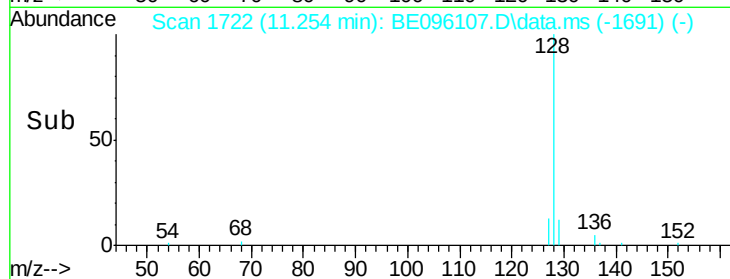
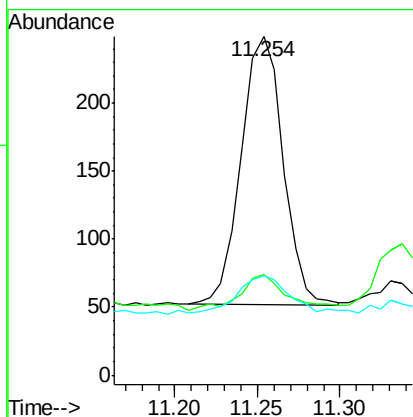
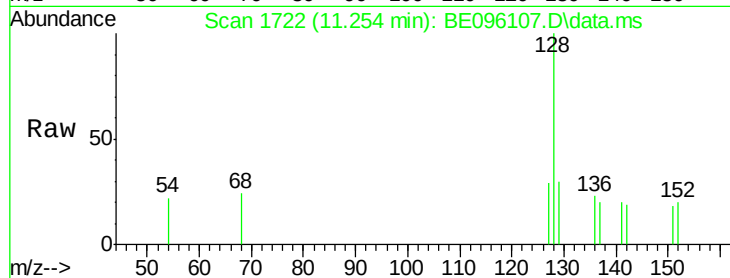
Tot Ion:128 Resp: 350

Ion Ratio Lower Upper

128 100

129 29.7 11.3 16.9#

127 29.3 4.0 6.0#



#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 15.029 min Scan# 2334

Delta R.T. -0.002 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

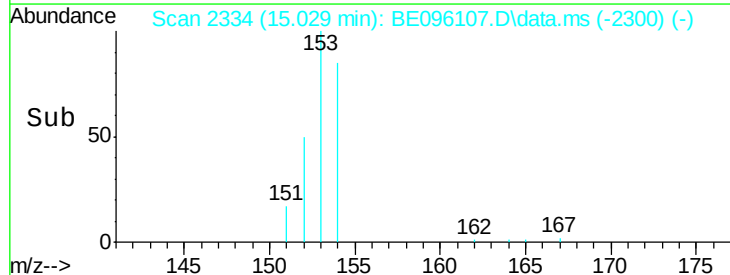
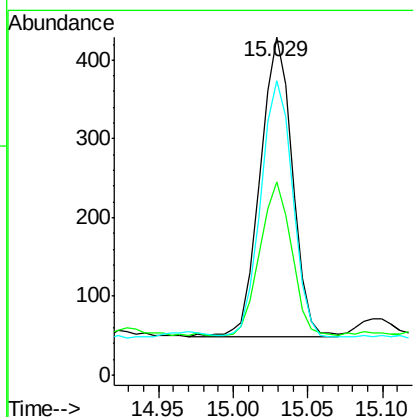
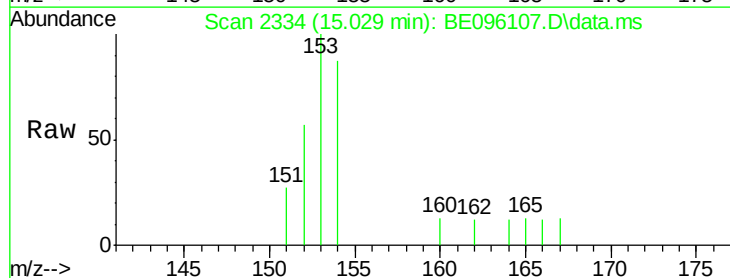
Tgt Ion:153 Resp: 565

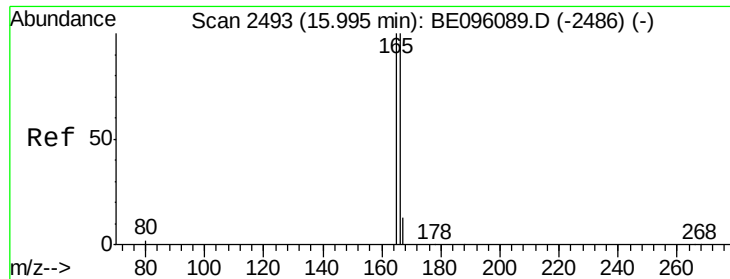
Ion Ratio Lower Upper

153 100

152 57.3 36.0 54.0#

154 86.9 72.0 108.0





#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.994 min Scan# 24

Delta R.T. -0.000 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

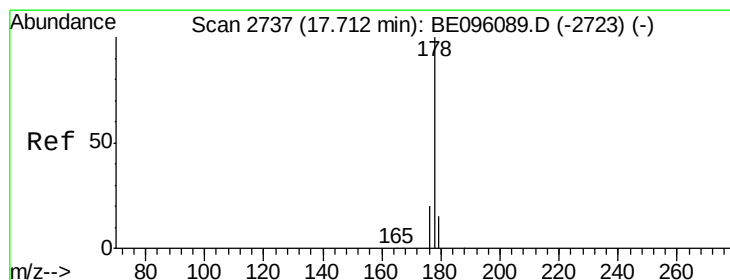
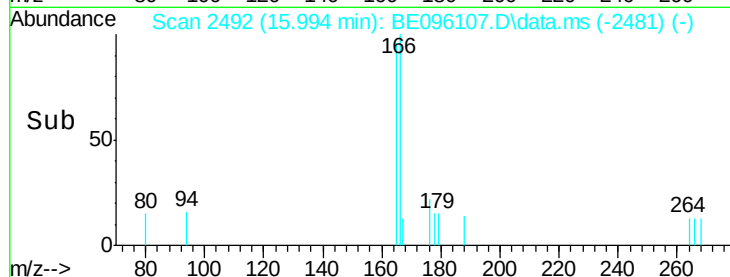
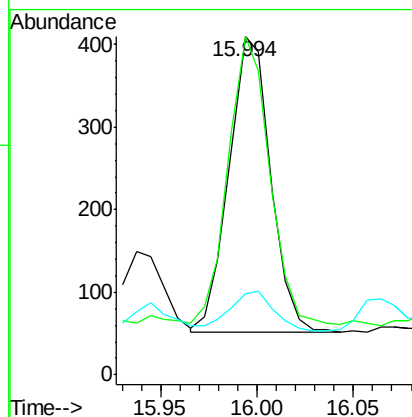
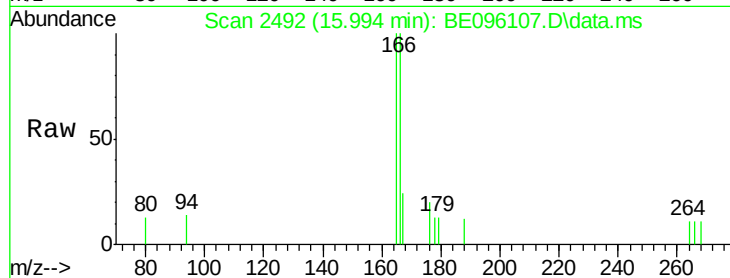
Tot Ion:166 Resp: 537

Ion Ratio Lower Upper

166 100

165 100.0 73.4 110.2

167 23.9 14.6 22.0#



#12

Phenanthrene

Concen: 0.47 ng/ul

RT: 17.718 min Scan# 2737

Delta R.T. -0.000 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

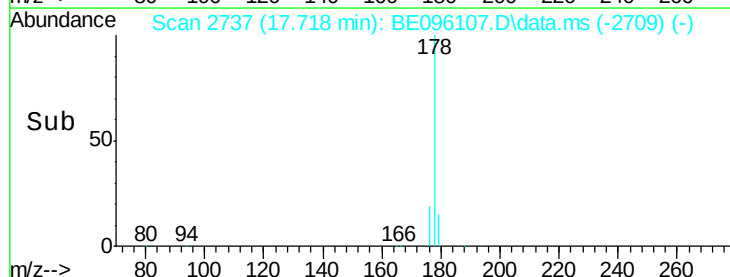
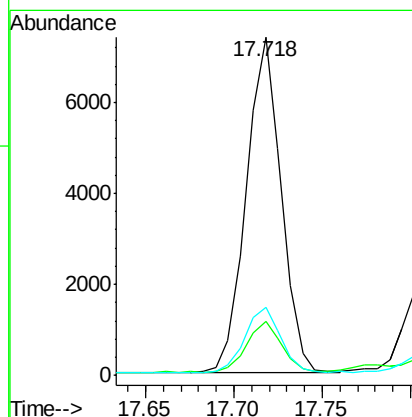
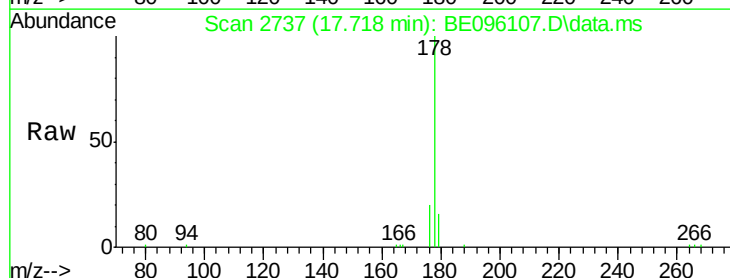
Tgt Ion:178 Resp: 10081

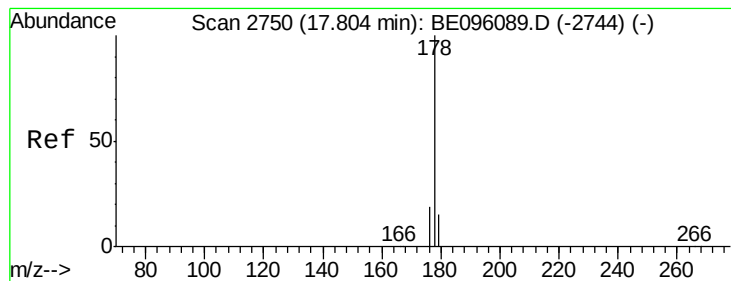
Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 20.0 13.6 20.4





#13

Anthracene

Concen: 0.13 ng/ul

RT: 17.809 min Scan# 27

Delta R.T. 0.007 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

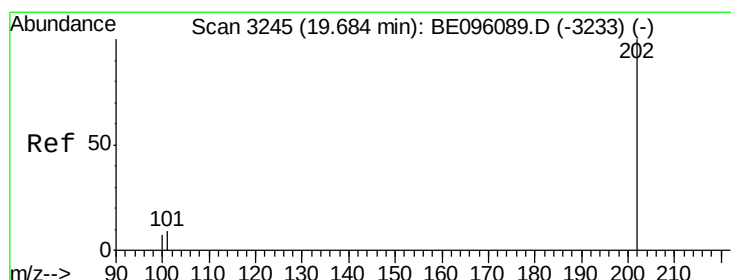
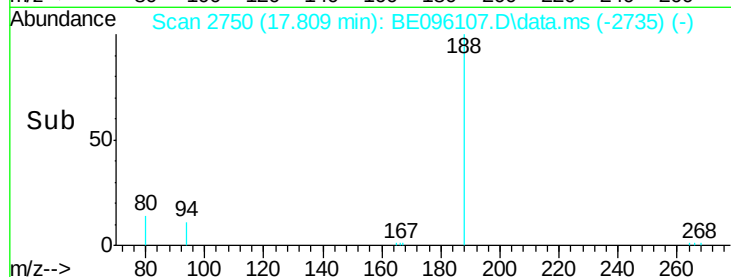
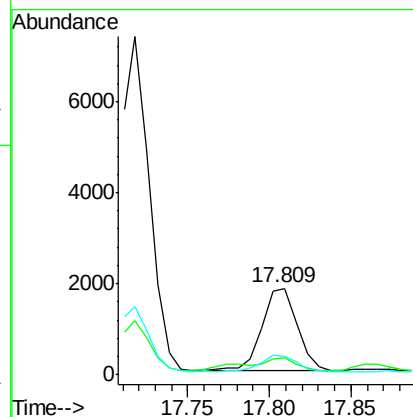
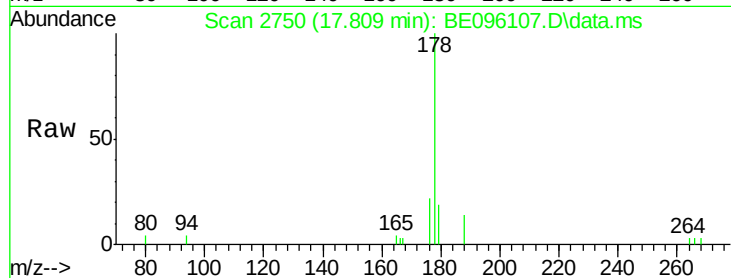
Tot Ion:178 Resp: 2699

Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

176 21.6 14.7 22.1



#15

Fluoranthene

Concen: 1.00 ng/ul

RT: 19.688 min Scan# 3245

Delta R.T. 0.004 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

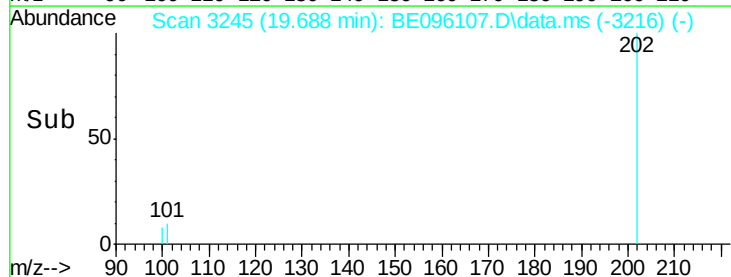
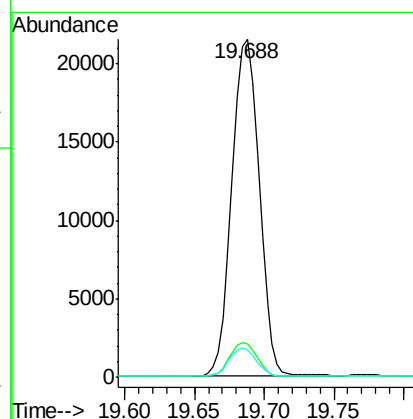
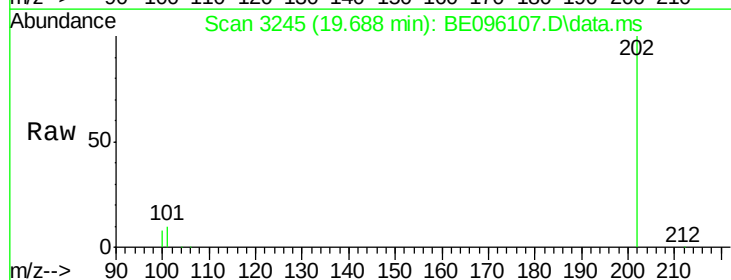
Tgt Ion:202 Resp: 29143

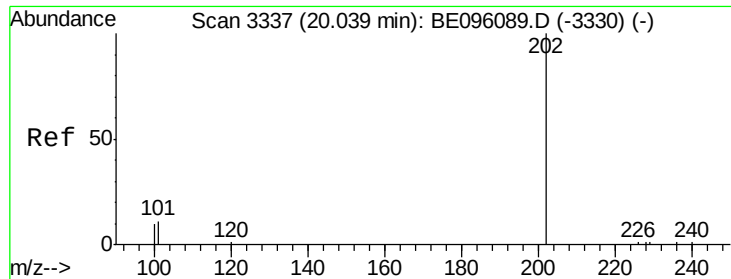
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

100 7.9 0.0 39.5





#17

Pvrene

Concen: 1.08 ng/ul

RT: 20.040 min Scan# 3337

Delta R.T. -0.000 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

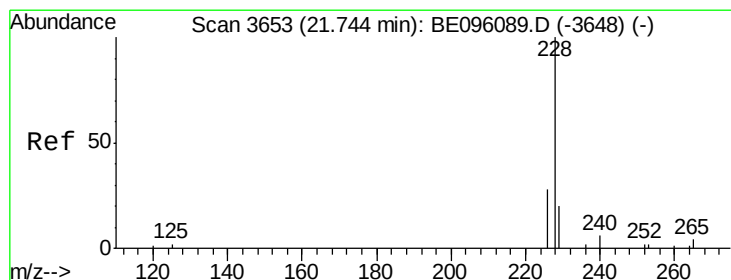
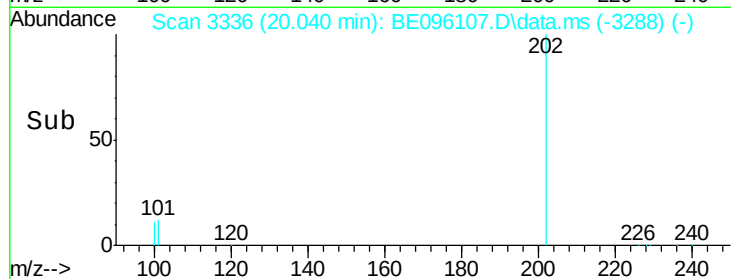
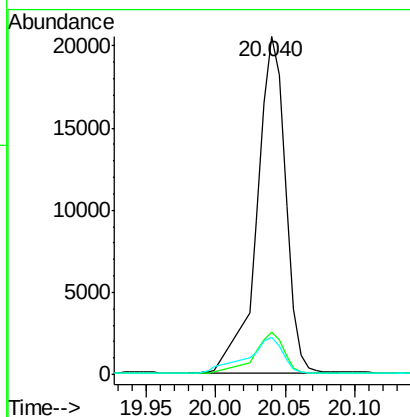
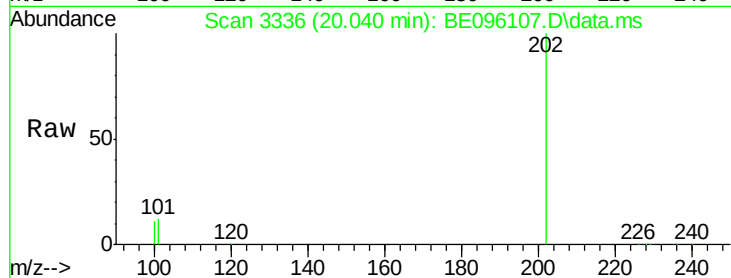
Tot Ion:202 Resp: 30020

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

100 11.1 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.61 ng/ul

RT: 21.751 min Scan# 3653

Delta R.T. 0.007 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

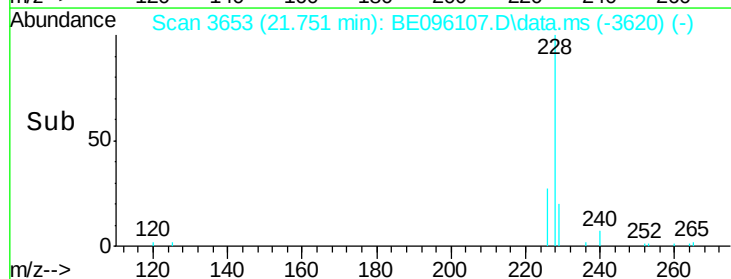
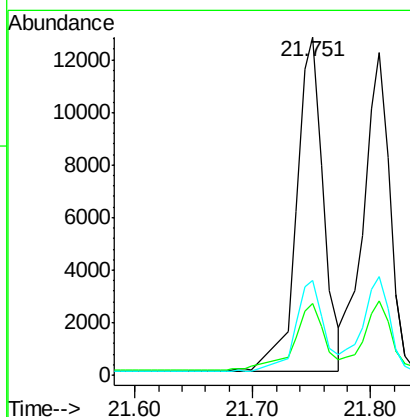
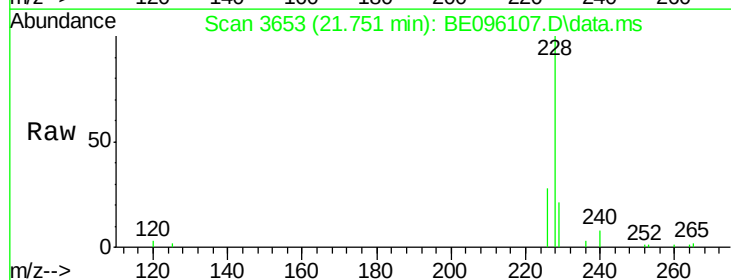
Tgt Ion:228 Resp: 20097

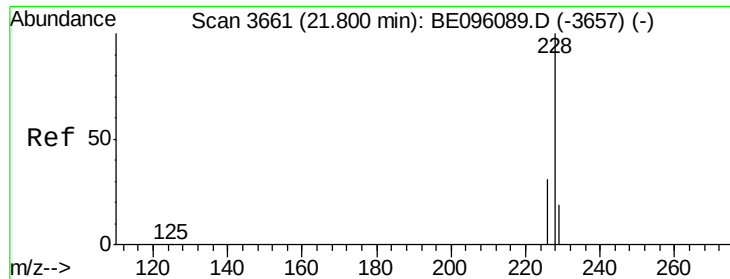
Ion Ratio Lower Upper

228 100

229 21.4 22.8 34.2#

226 28.1 17.0 25.6#





#19

Chrysene

Concen: 0.79 ng/ul

RT: 21.807 min Scan# 3661

Delta R.T. -0.000 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

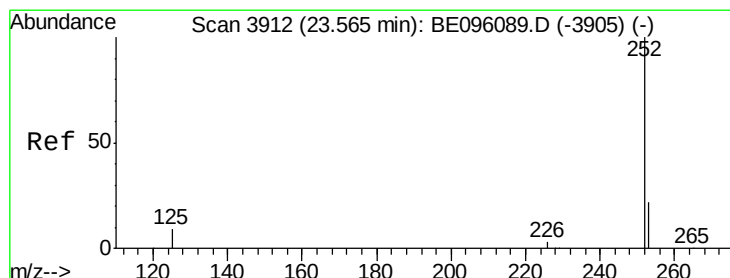
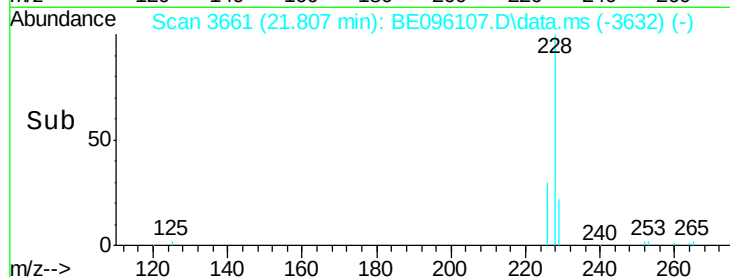
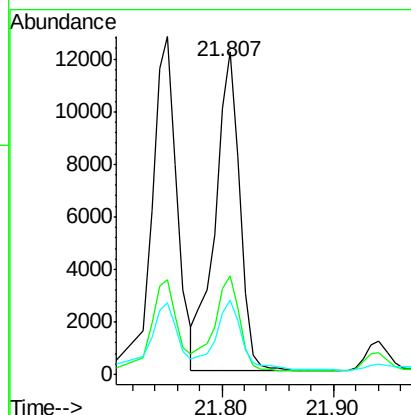
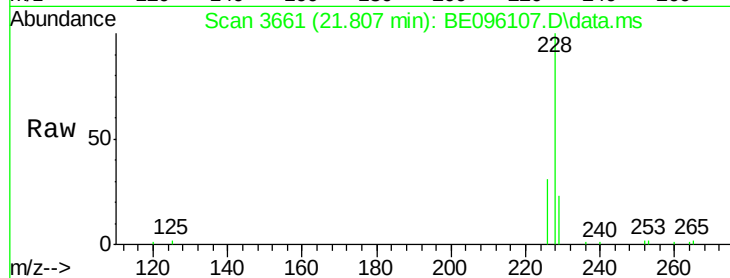
Tot Ion:228 Resp: 18929

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

229 23.0 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 1.75 ng/ul

RT: 23.572 min Scan# 3912

Delta R.T. 0.007 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

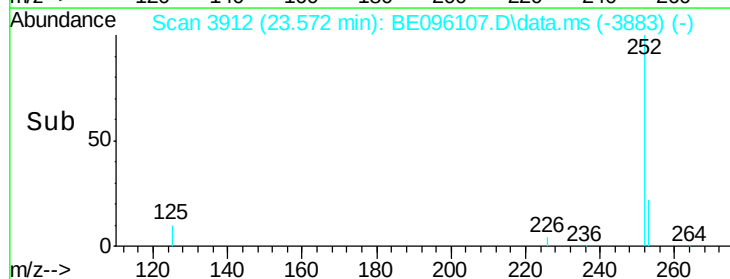
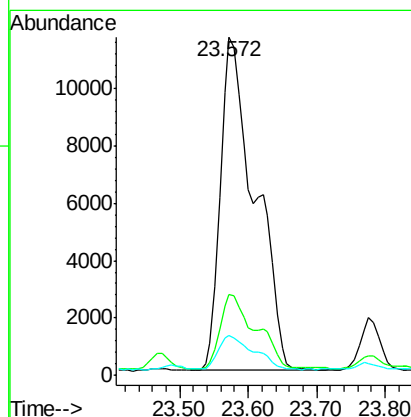
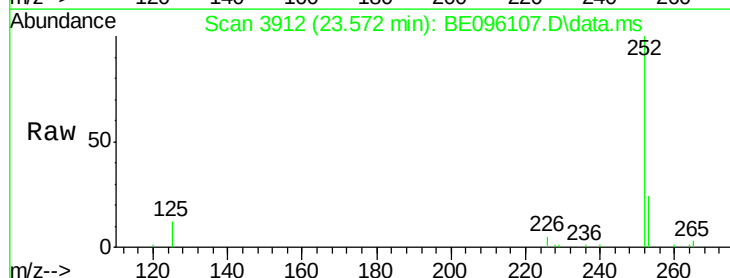
Tgt Ion:252 Resp: 41062

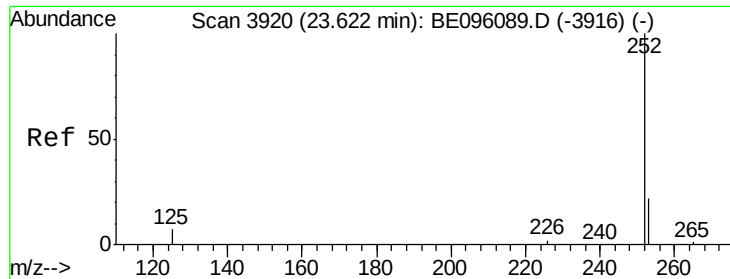
Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

125 11.7 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 1.75 ng/ul

RT: 23.572 min Scan# 3912

Delta R.T. -0.049 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

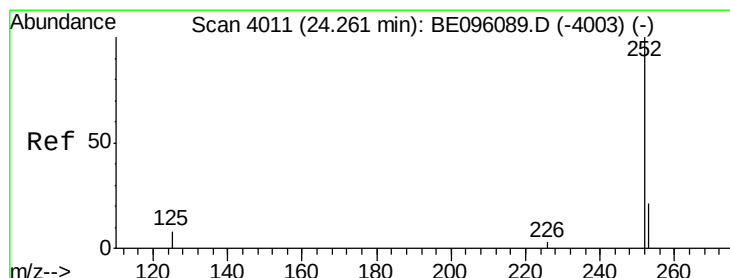
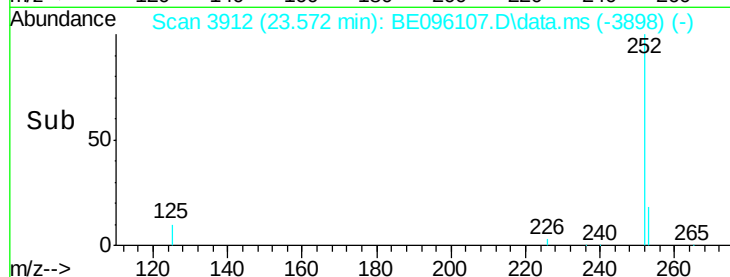
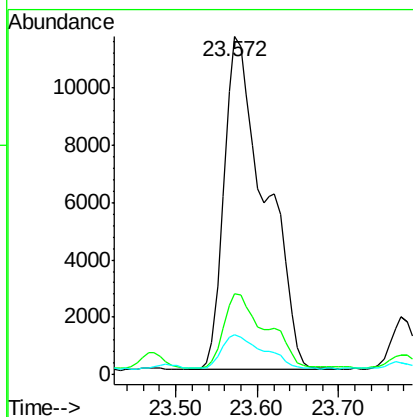
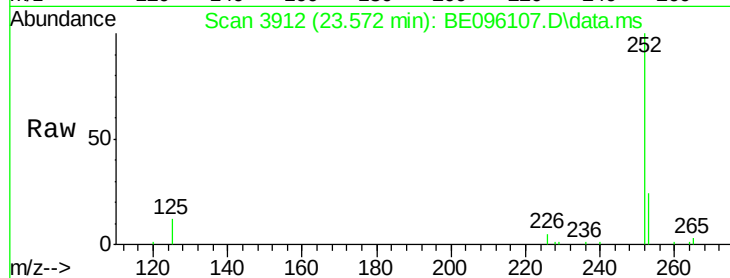
Tot Ion:252 Resp: 40986

Ion Ratio Lower Upper

252 100

253 23.8 24.5 36.7#

125 11.7 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 1.04 ng/ul

RT: 24.261 min Scan# 4010

Delta R.T. -0.000 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

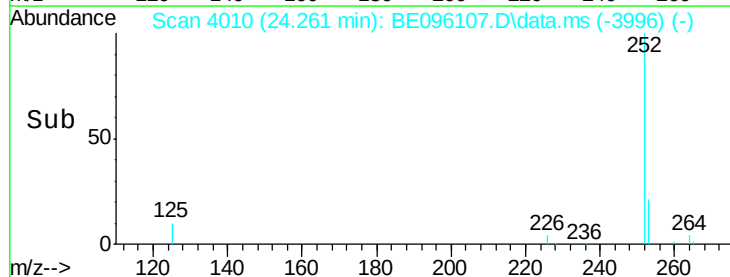
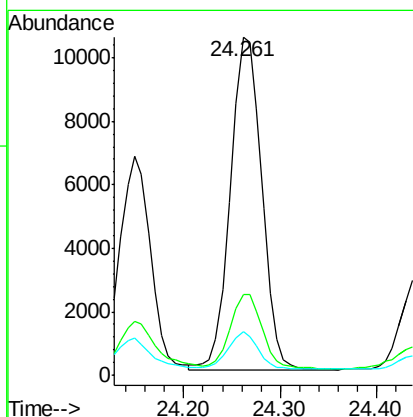
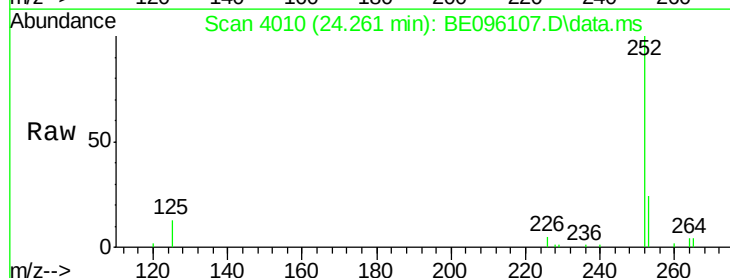
Tgt Ion:252 Resp: 23578

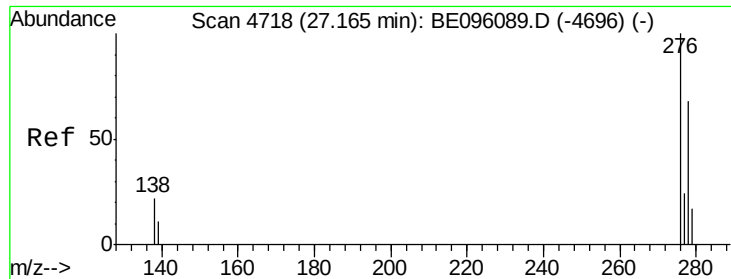
Ion Ratio Lower Upper

252 100

253 23.9 28.5 42.7#

125 12.8 18.1 27.1#

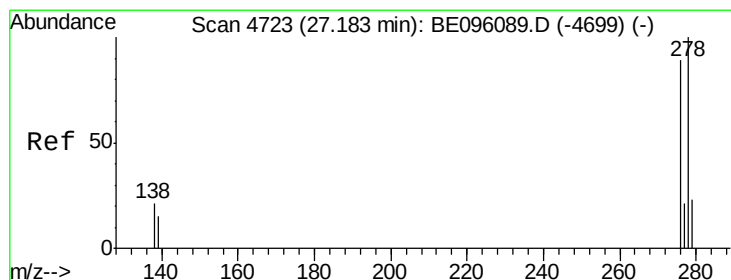
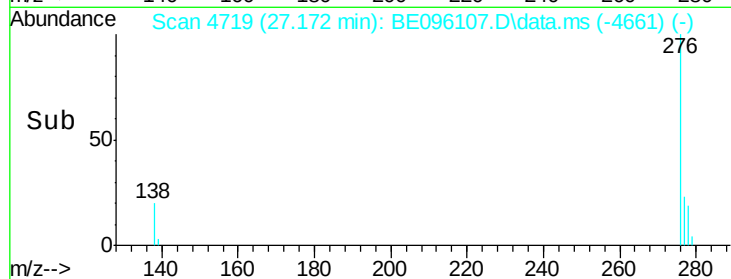
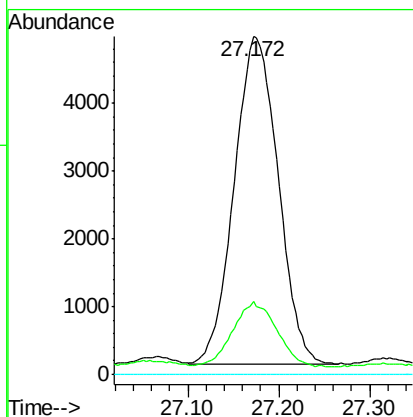
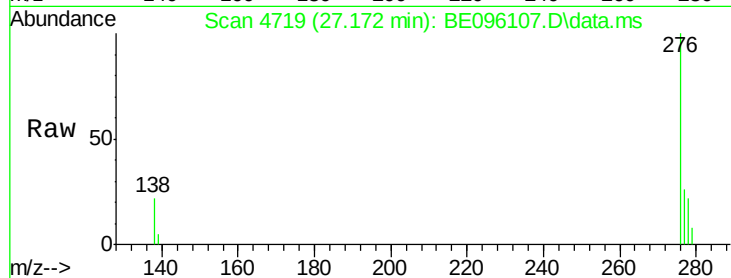




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.64 ng/ul
 RT: 27.172 min Scan# 4719
 Delta R.T. 0.007 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

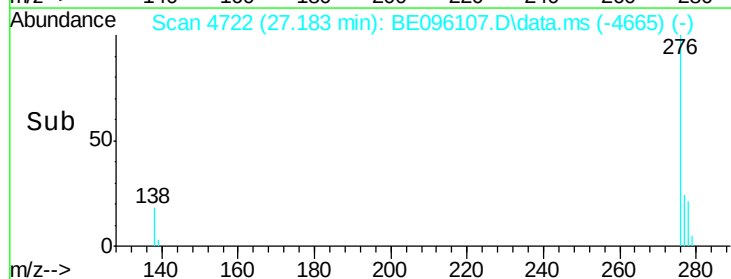
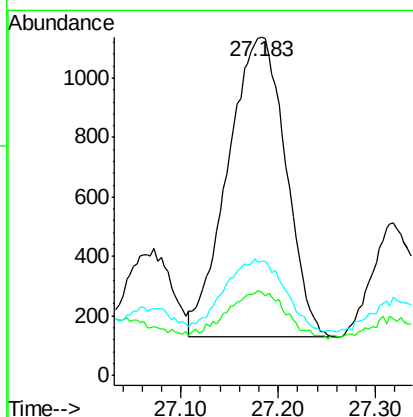
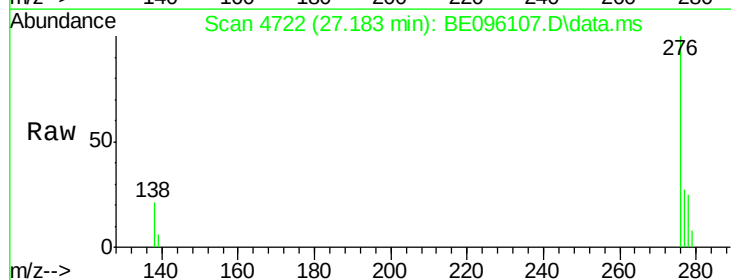
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3DL

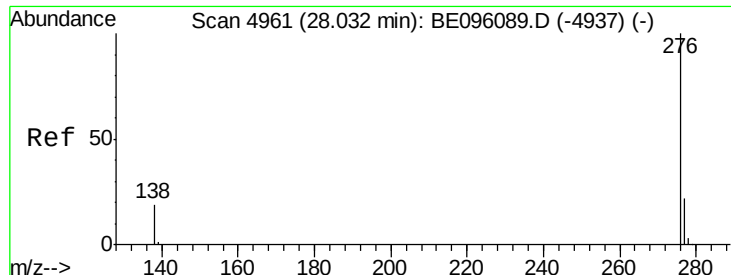
Tot Ion:276 Resp: 16200
 Ion Ratio Lower Upper
 276 100
 138 19.8 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.21 ng/ul
 RT: 27.183 min Scan# 4722
 Delta R.T. 0.003 min
 Lab File: BE096107.D
 Acq: 24 Apr 2018 4:24

Tgt Ion:278 Resp: 4183
 Ion Ratio Lower Upper
 278 100
 139 24.8 17.4 26.0
 279 33.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.77 ng/ul

RT: 28.050 min Scan# 49

Delta R.T. 0.010 min

Lab File: BE096107.D

Acq: 24 Apr 2018 4:24

Instrument :

BNA_E

ClientSampleId :

C0AC3DL

Tot Ion:276 Resp: 16208

Ion Ratio Lower Upper

276 100

138 22.1 21.8 32.8

277 25.5 20.5 30.7

