

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096100.D
 Acq On : 24 Apr 2018 00:14
 Operator : SJ/JU
 Sample : J2434-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Quant Time: Apr 24 11:00:20 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)

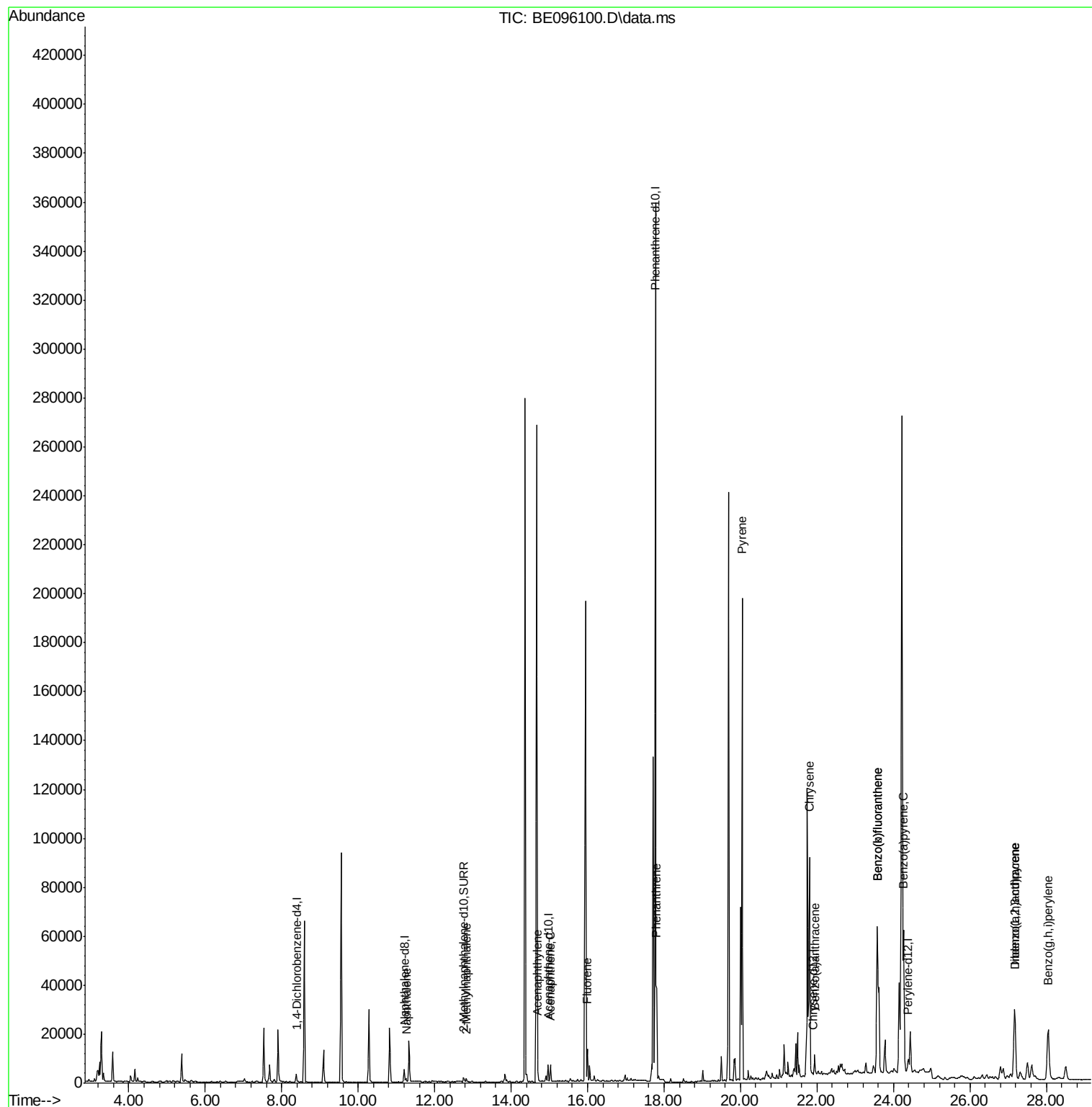
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.382	152	2282	0.40	ng/ul	0.00
2) Naphthalene-d8	11.201	136	6599	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.966	164	3880	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.775	188	410677	0.40	ng/ul	0.10
16) Chrysene-d12	21.900	240	102	0.40	ng/ul	0.13
20) Perylene-d12	24.382	264	9922	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.756	152	2407	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.000	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.253	128	1784	0.10	ng/ul#	89
5) 2-Methylnaphthalene	12.834	142	1001	0.08	ng/ul	99
7) Acenaphthylene	14.696	152	5376	0.27	ng/ul	98
8) Acenaphthene	15.025	153	4072	0.28	ng/ul	93
9) Fluorene	15.994	166	8491	0.52	ng/ul#	89
12) Phenanthrene	17.803	178	40267	0.03	ng/ul#	88
17) Pyrene	20.044	202	232996	672.23	ng/ul#	77
18) Benzo(a)anthracene	21.935	228	6595	16.00	ng/ul#	54
19) Chrysene	21.802	228	94018	317.00	ng/ul	97
21) Benzo(b)fluoranthene	23.574	252	162517	5.06	ng/ul	84
22) Benzo(k)fluoranthene	23.574	252	162517	5.08	ng/ul#	86
23) Benzo(a)pyrene	24.270	252	87538	2.83	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.166	276	55460	1.61	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.180	278	14684	0.53	ng/ul	97
26) Benzo(a,h,i)perylene	28.047	276	53185	1.85	ng/ul#	93

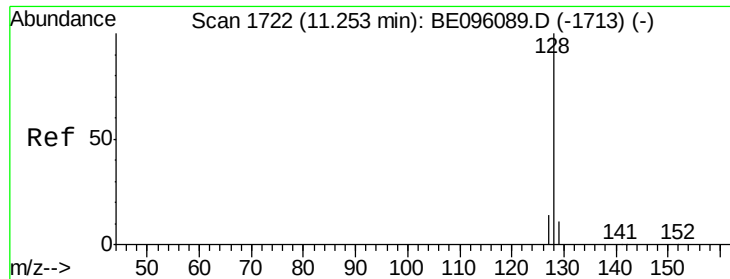
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 11.253 min Scan# 17

Delta R.T. -0.000 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

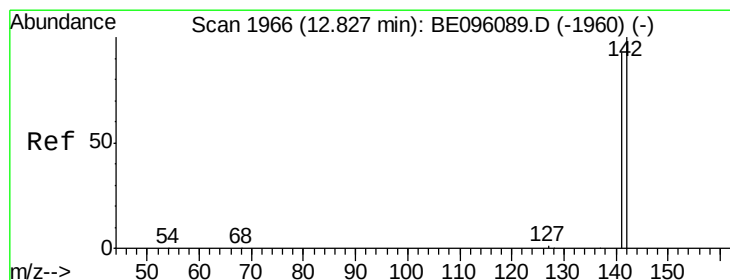
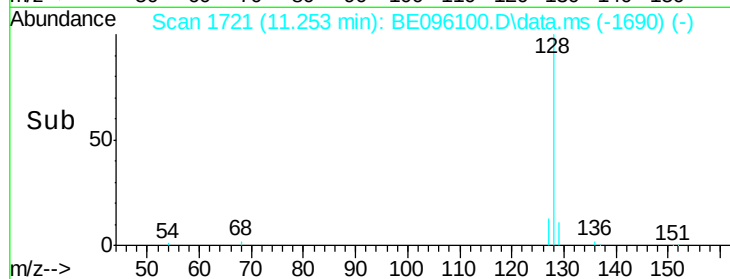
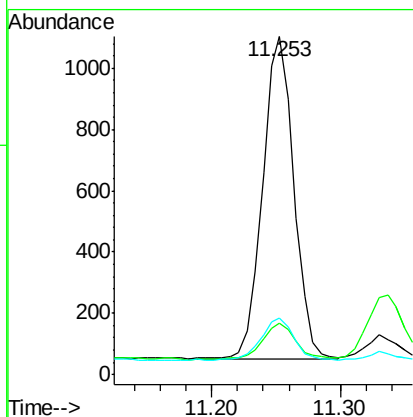
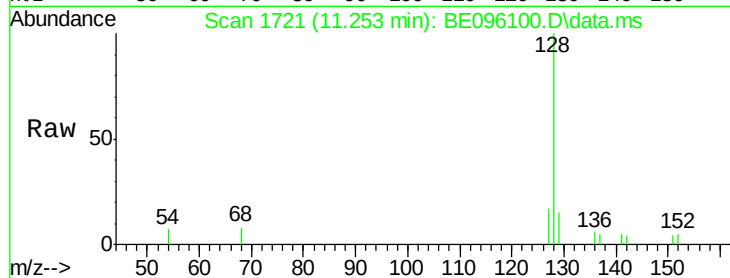
Tot Ion:128 Resp: 1784

Ion Ratio Lower Upper

128 100

129 15.1 11.3 16.9

127 16.8 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.08 ng/ul

RT: 12.834 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BE096100.D

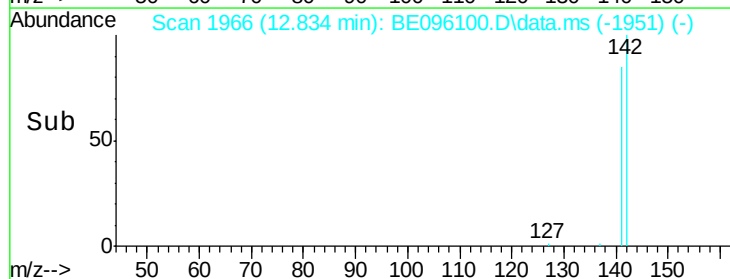
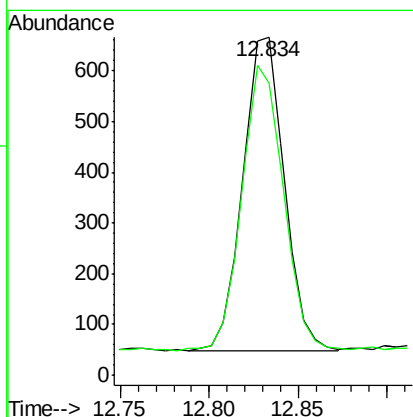
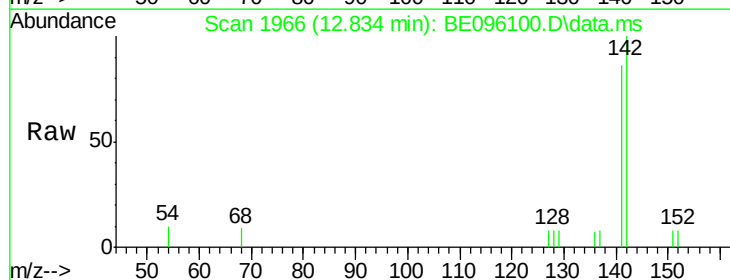
Acq: 24 Apr 2018 00:14

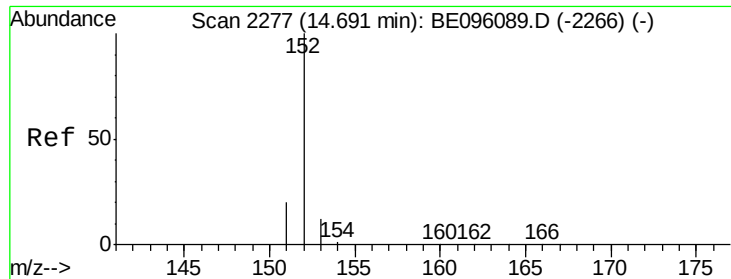
Tgt Ion:142 Resp: 1001

Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.27 ng/ul

RT: 14.696 min Scan# 22

Delta R.T. -0.000 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

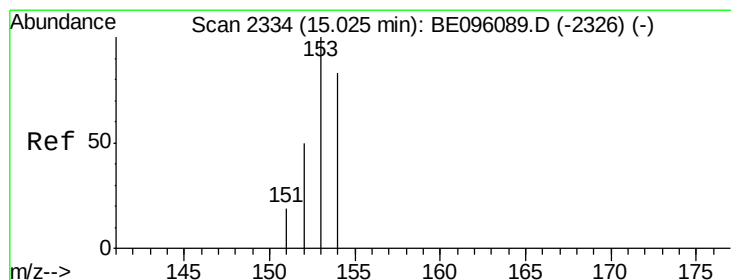
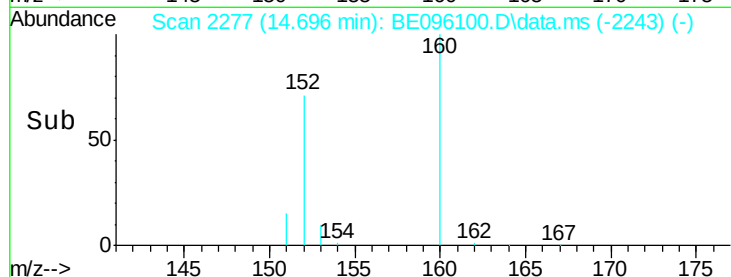
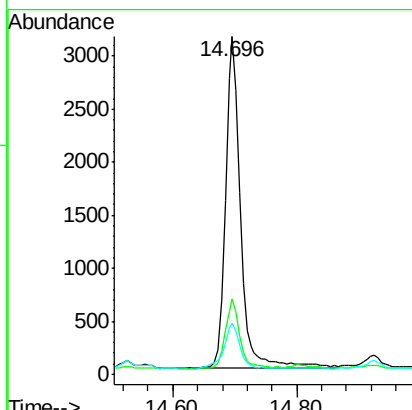
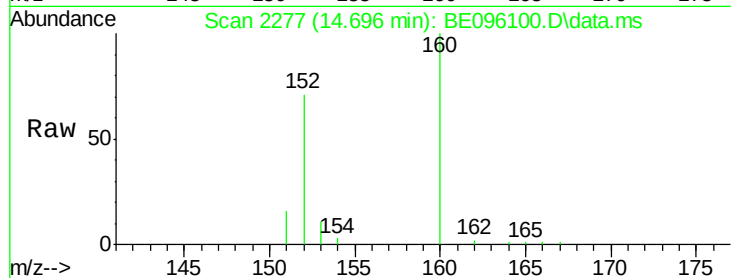
Tot Ion:152 Resp: 5376

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

153 15.2 12.8 19.2



#8

Acenaphthene

Concen: 0.28 ng/ul

RT: 15.025 min Scan# 2333

Delta R.T. -0.006 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

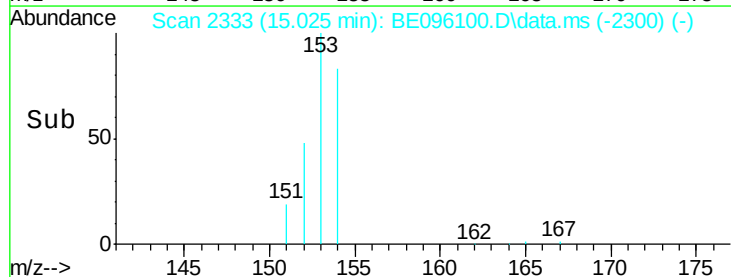
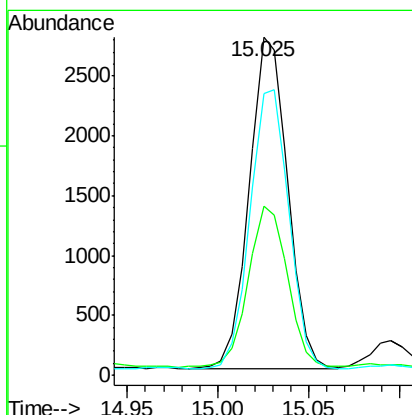
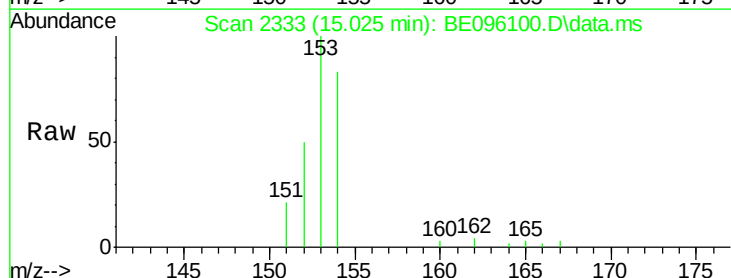
Tgt Ion:153 Resp: 4072

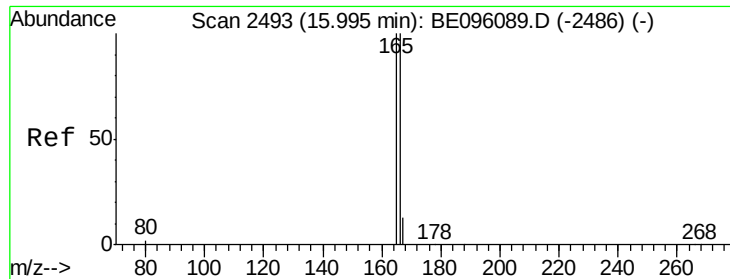
Ion Ratio Lower Upper

153 100

152 50.0 36.0 54.0

154 83.3 72.0 108.0





#9

Fluorene

Concen: 0.52 ng/ul

RT: 15.994 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

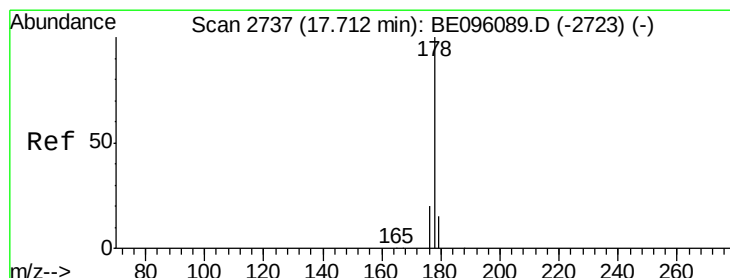
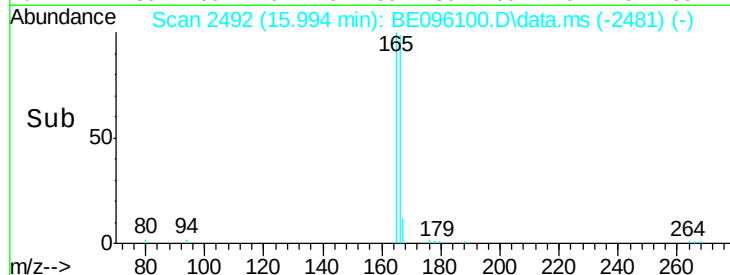
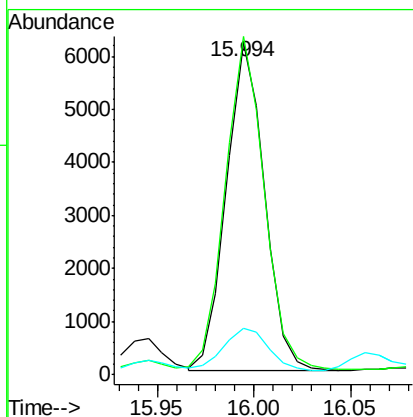
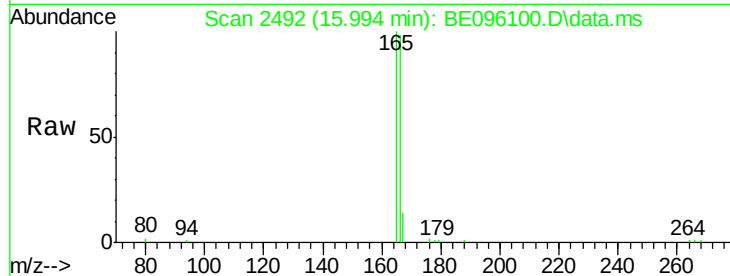
Tot Ion:166 Resp: 8491

Ion Ratio Lower Upper

166 100

165 102.0 73.4 110.2

167 14.0 14.6 22.0#



#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.803 min Scan# 2749

Delta R.T. 0.085 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

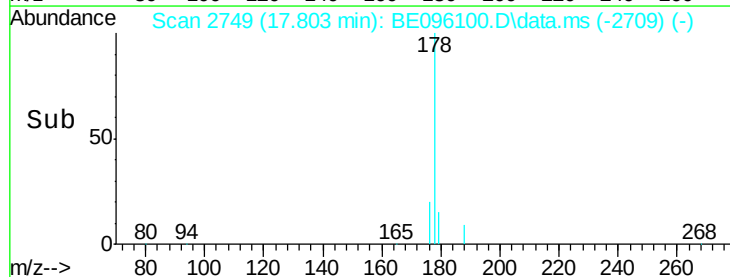
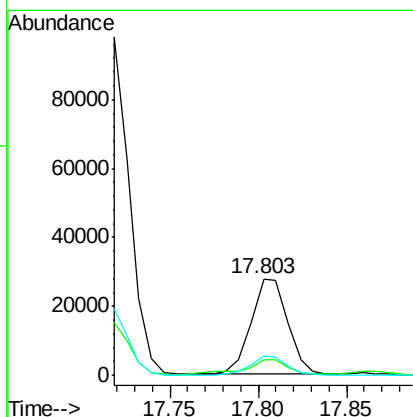
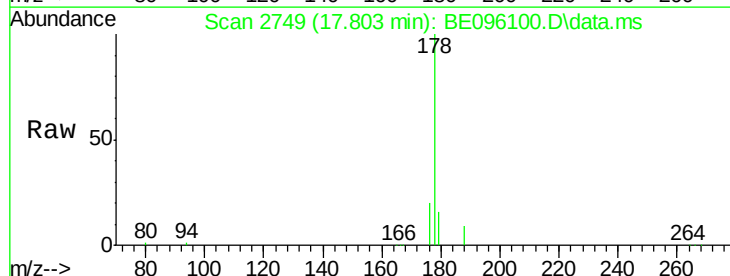
Tgt Ion:178 Resp: 40267

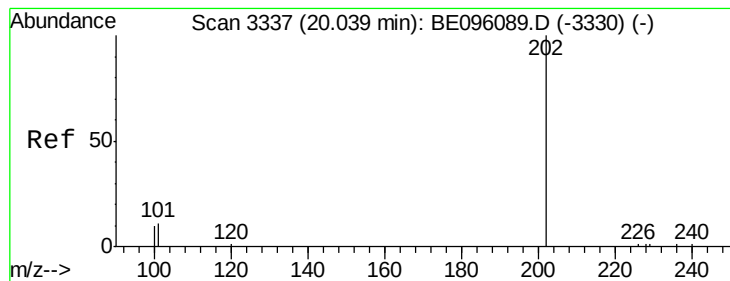
Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.8 13.6 20.4





#17

Pvrene

Concen: 672.23 ng/ul

RT: 20.044 min Scan# 3337

Delta R.T. 0.004 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

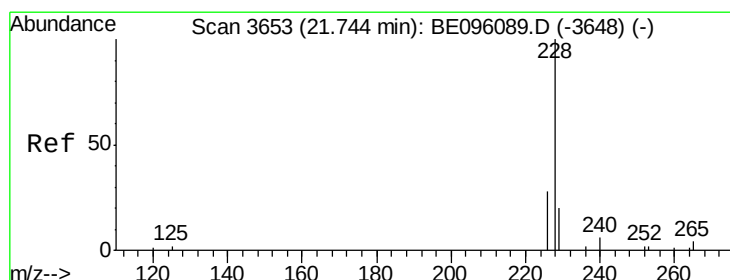
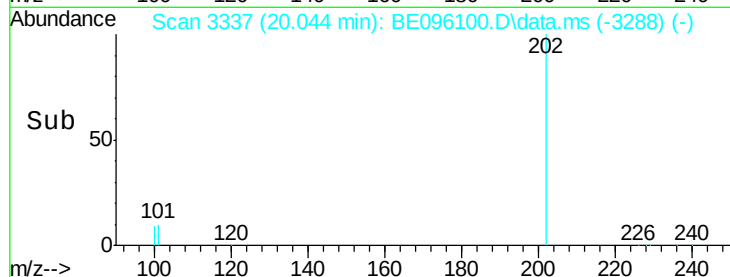
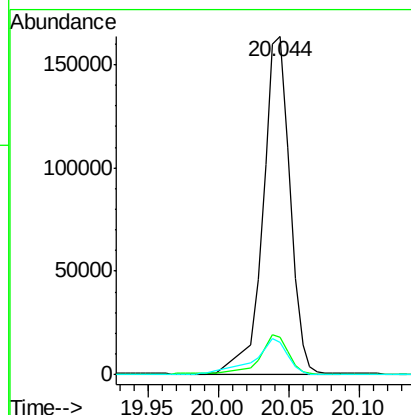
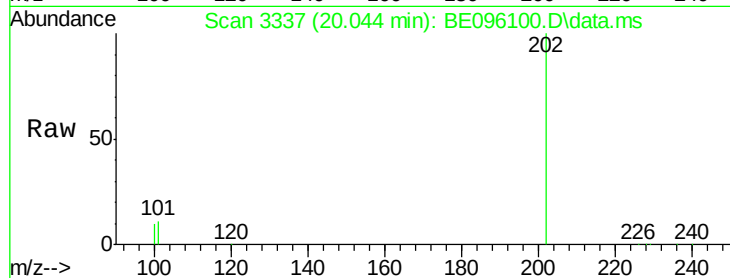
Tot Ion:202 Resp: 232996

Ion Ratio Lower Upper

202 100

101 11.0 18.2 27.4#

100 9.6 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 16.00 ng/ul

RT: 21.935 min Scan# 3679

Delta R.T. 0.191 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

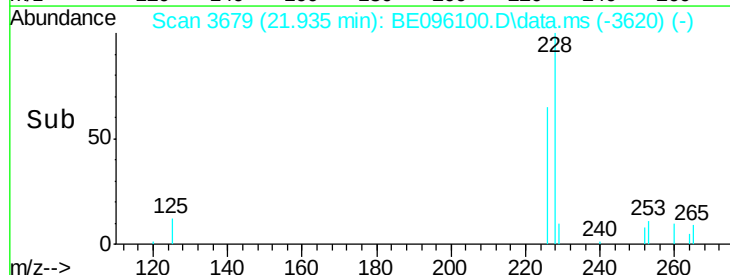
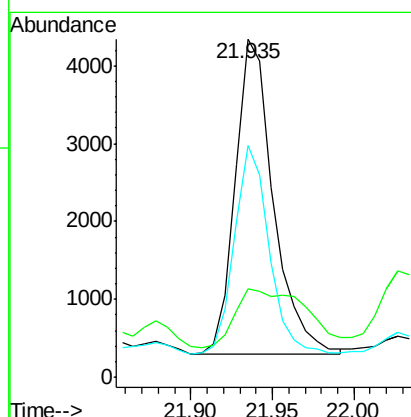
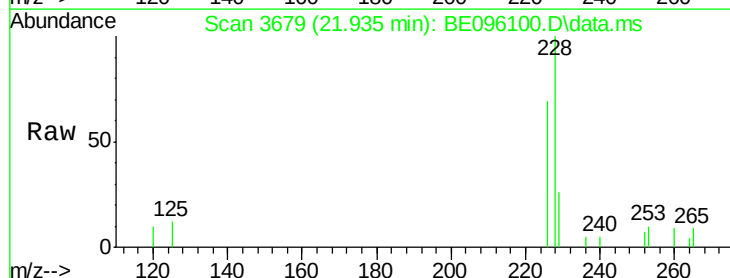
Tgt Ion:228 Resp: 6595

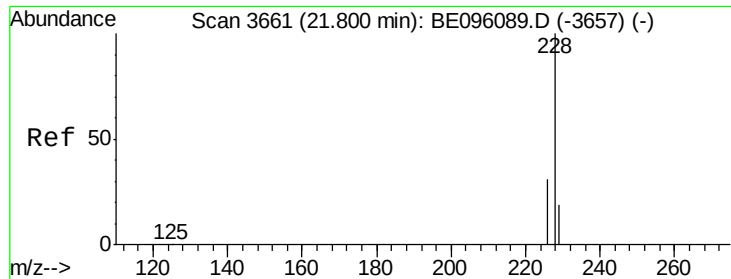
Ion Ratio Lower Upper

228 100

229 26.1 22.8 34.2

226 68.7 17.0 25.6#





#19

Chrysene

Concen: 317.00 ng/ul

RT: 21.802 min Scan# 3661

Delta R.T. -0.006 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

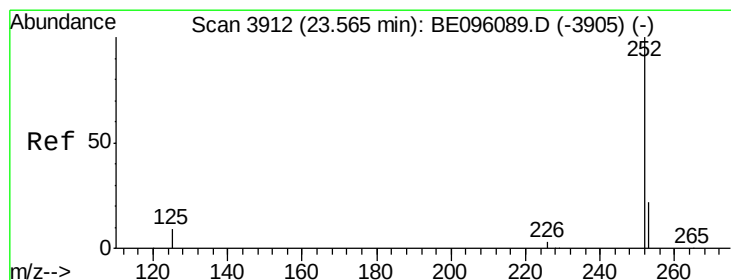
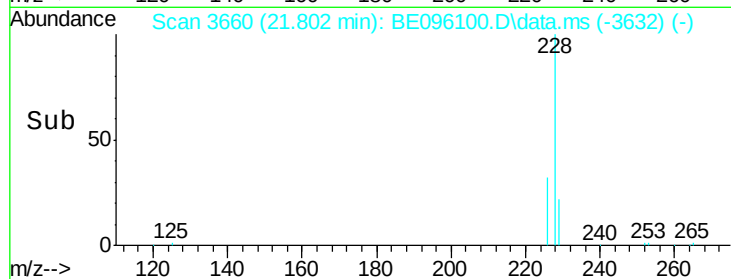
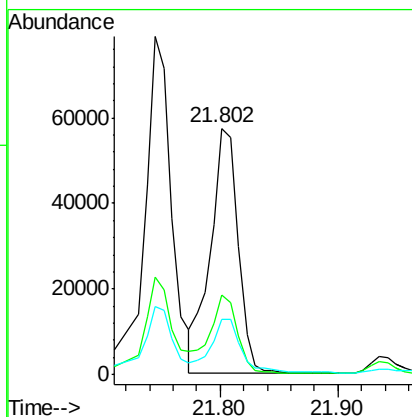
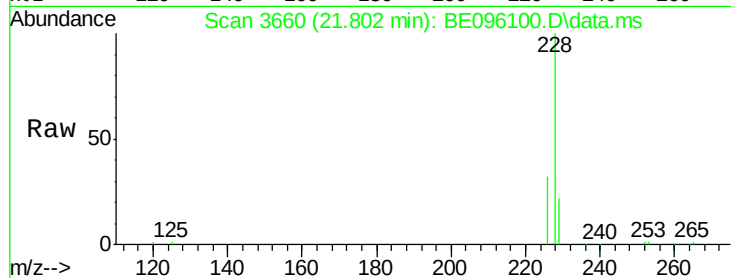
Tot Ion:228 Resp: 94018

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.0

229 22.4 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 5.06 ng/ul

RT: 23.574 min Scan# 3912

Delta R.T. 0.008 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

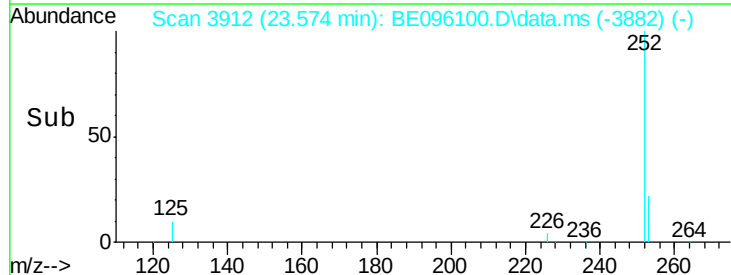
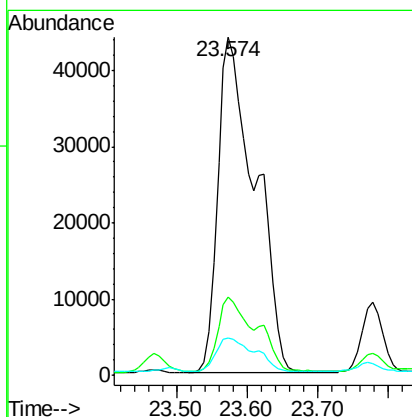
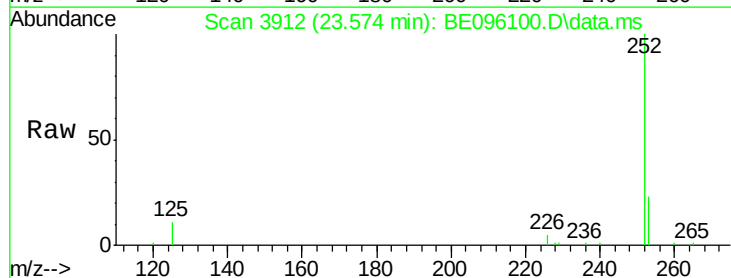
Tgt Ion:252 Resp: 162517

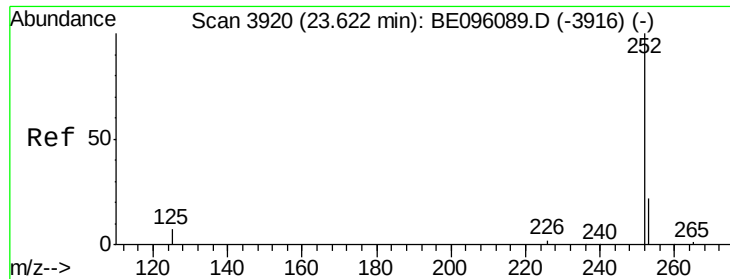
Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

125 10.9 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 5.08 ng/ul

RT: 23.574 min Scan# 3912

Delta R.T. -0.048 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

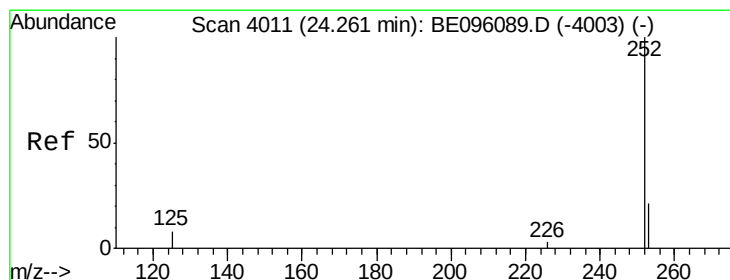
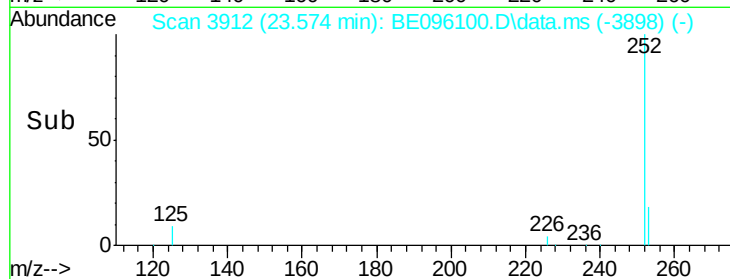
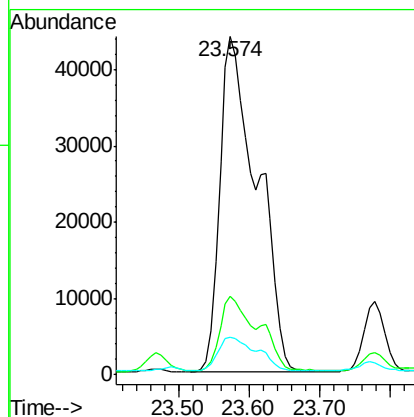
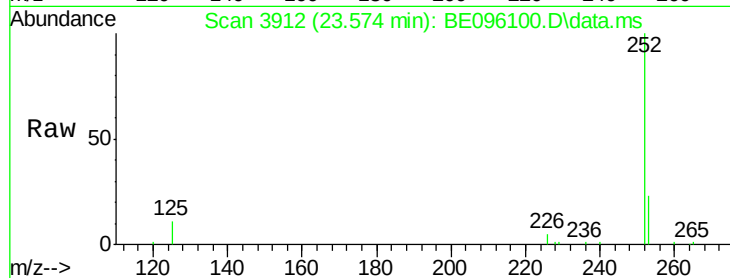
Tot Ion:252 Resp: 162517

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

125 10.9 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 2.83 ng/ul

RT: 24.270 min Scan# 4011

Delta R.T. 0.008 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

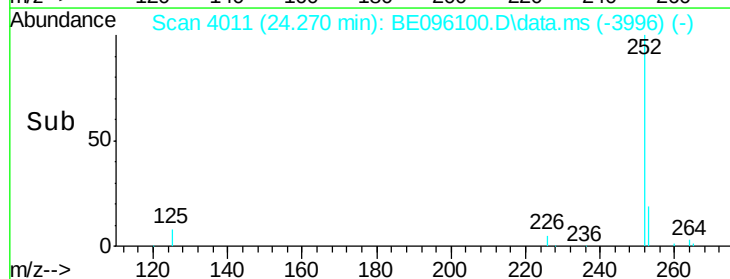
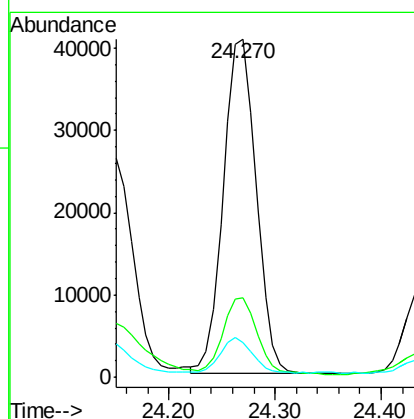
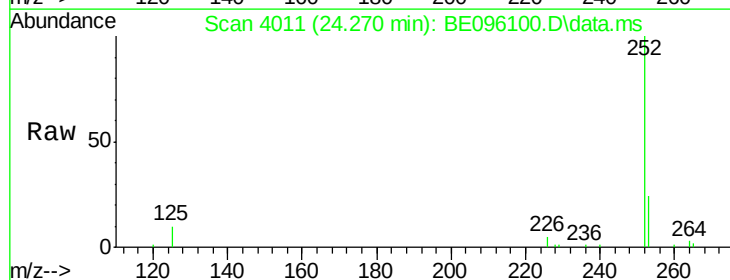
Tgt Ion:252 Resp: 87538

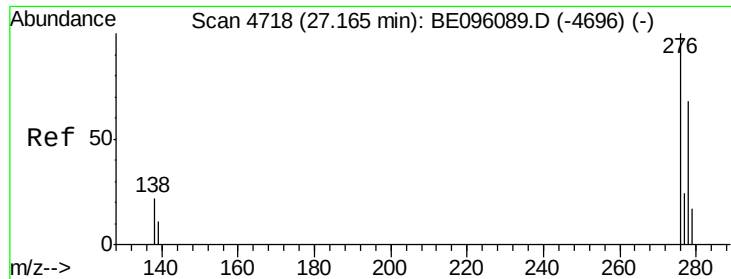
Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

125 10.4 18.1 27.1#

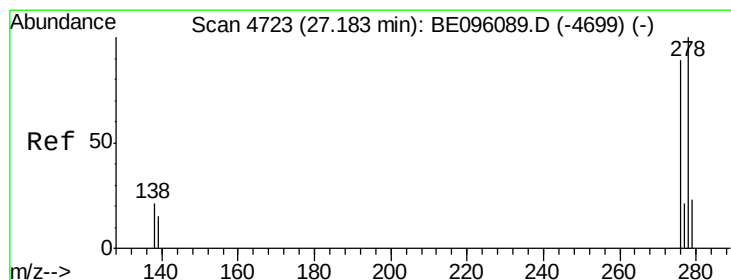
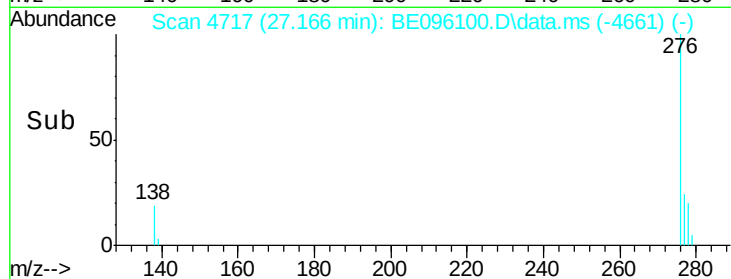
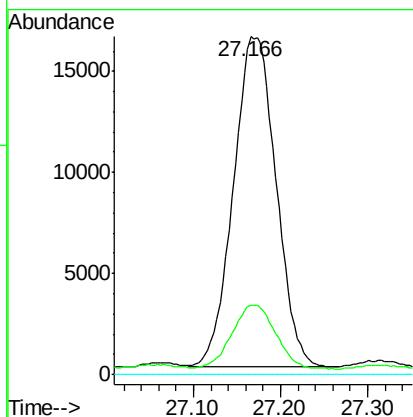
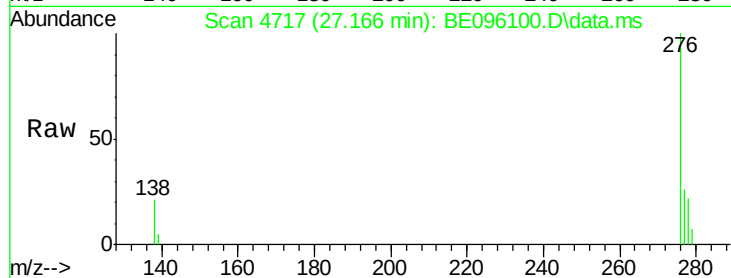




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.61 ng/ul
 RT: 27.166 min Scan# 4718
 Delta R.T. 0.001 min
 Lab File: BE096100.D
 Acq: 24 Apr 2018 00:14

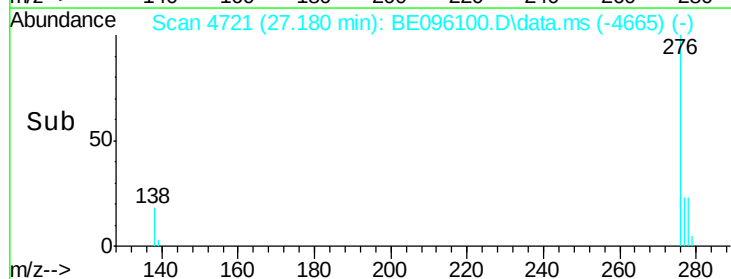
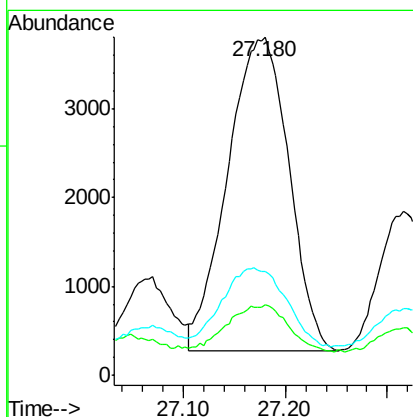
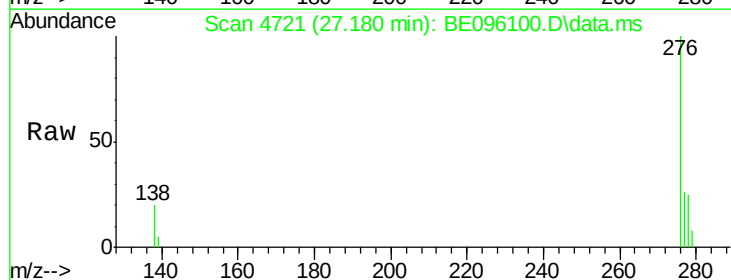
Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

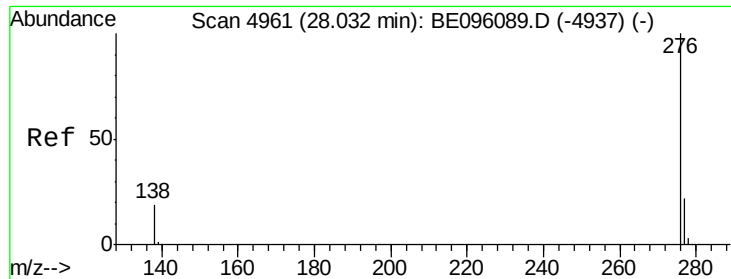
Tot Ion:276 Resp: 55460
 Ion Ratio Lower Upper
 276 100
 138 19.8 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.53 ng/ul
 RT: 27.180 min Scan# 4721
 Delta R.T. 0.001 min
 Lab File: BE096100.D
 Acq: 24 Apr 2018 00:14

Tgt Ion:278 Resp: 14684
 Ion Ratio Lower Upper
 278 100
 139 20.8 17.4 26.0
 279 30.7 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.85 ng/ul

RT: 28.047 min Scan# 49

Delta R.T. 0.008 min

Lab File: BE096100.D

Acq: 24 Apr 2018 00:14

Instrument :

BNA_E

ClientSampleId :

C0AB6

Tot Ion:276 Resp: 53185

Ion Ratio Lower Upper

276 100

138 20.7 21.8 32.8#

277 25.2 20.5 30.7

