

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096105.D
 Acq On : 24 Apr 2018 3:13
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.449

Quant Time: Apr 24 11:01:52 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)

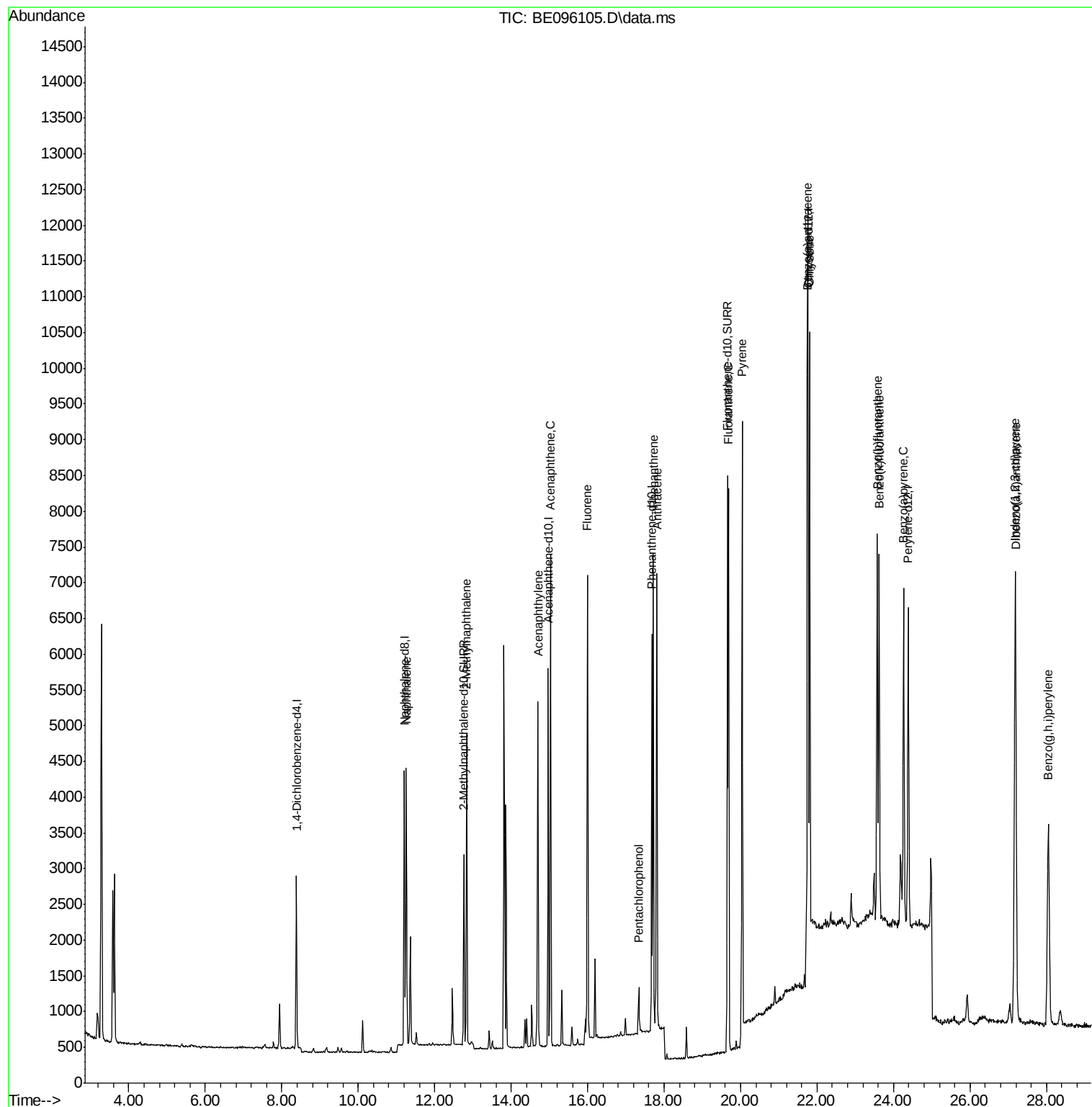
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	1873	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5108	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.967	164	2870	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.676	188	6374	0.40	ng/ul	0.00
16) Chrysene-d12	21.765	240	7428	0.40	ng/ul	0.00
20) Perylene-d12	24.381	264	6526	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.763	152	3520	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.659	212	9044	0.34	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.254	128	5292	0.37	ng/ul#	88
5) 2-Methylnaphthalene	12.834	142	3655	0.38	ng/ul	100
7) Acenaphthylene	14.697	152	5531	0.37	ng/ul	97
8) Acenaphthene	15.032	153	3912	0.37	ng/ul	95
9) Fluorene	15.994	166	4284	0.36	ng/ul	86
11) Pentachlorophenol	17.338	266	385	0.29	ng/ul#	90
12) Phenanthrene	17.718	178	6933	0.37	ng/ul#	89
13) Anthracene	17.810	178	7032	0.38	ng/ul#	92
15) Fluoranthene	19.688	202	8757	0.34	ng/ul	84
17) Pyrene	20.040	202	9472	0.38	ng/ul#	80
18) Benzo(a)anthracene	21.751	228	11124	0.37	ng/ul#	86
19) Chrysene	21.808	228	7671	0.36	ng/ul	97
21) Benzo(b)fluoranthene	23.572	252	7851	0.37	ng/ul	89
22) Benzo(k)fluoranthene	23.622	252	7276	0.35	ng/ul	94
23) Benzo(a)pyrene	24.262	252	7300	0.36	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.182	276	8591	0.38	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.193	278	6942	0.38	ng/ul	93
26) Benzo(a,h,i)perylene	28.049	276	7050	0.37	ng/ul	95

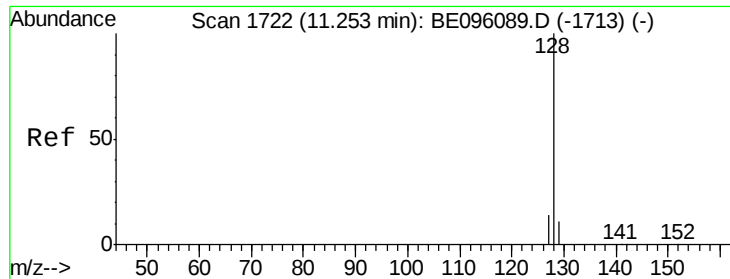
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.37 ng/ul

RT: 11.254 min Scan# 17

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

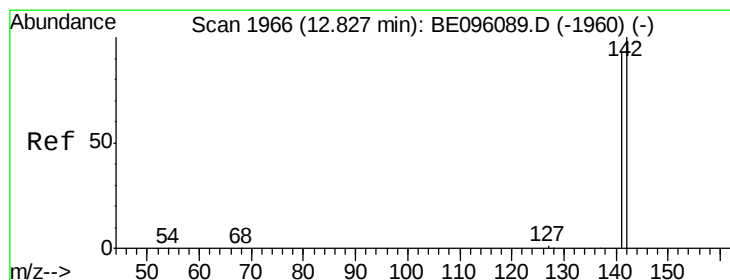
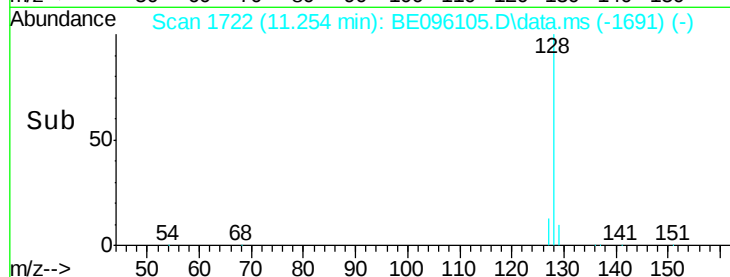
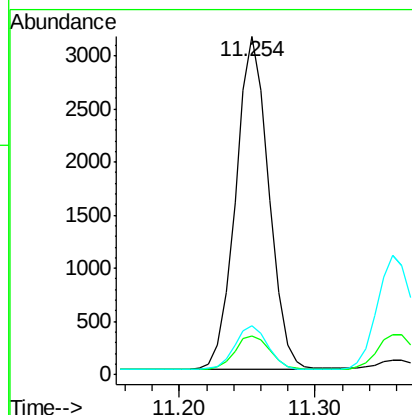
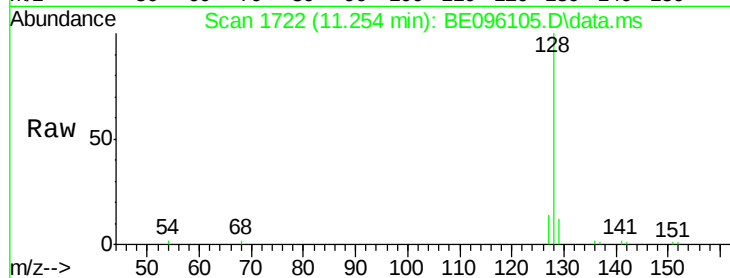
Tot Ion:128 Resp: 5292

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

127 14.4 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.38 ng/ul

RT: 12.834 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BE096105.D

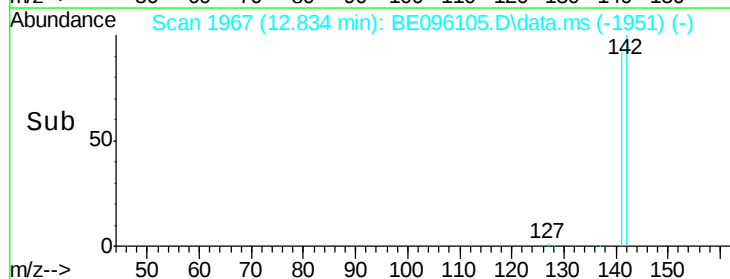
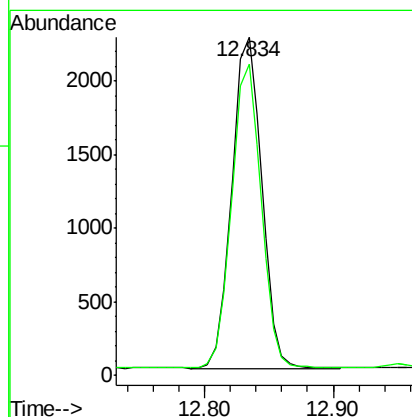
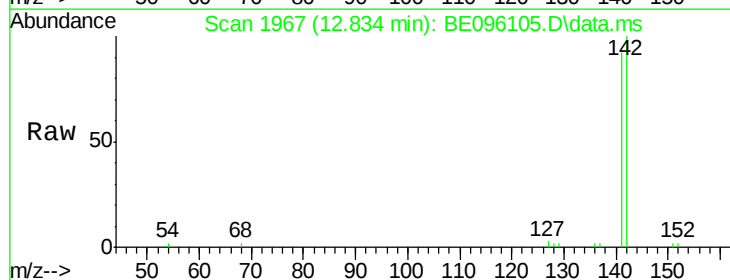
Acq: 24 Apr 2018 3:13

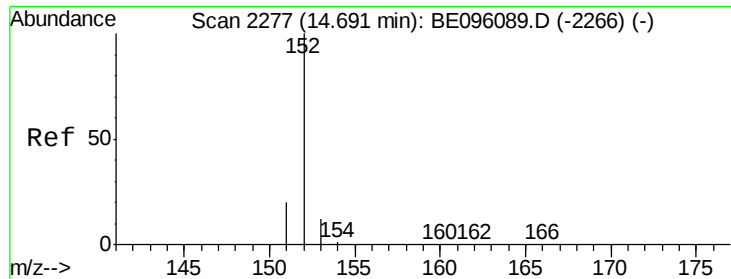
Tgt Ion:142 Resp: 3655

Ion Ratio Lower Upper

142 100

141 90.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.697 min Scan# 22

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

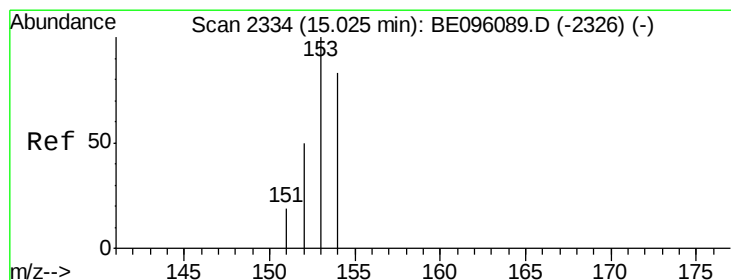
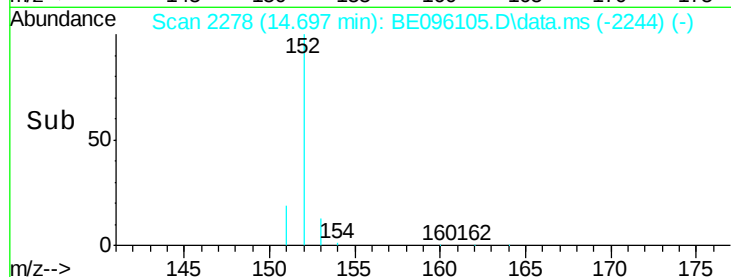
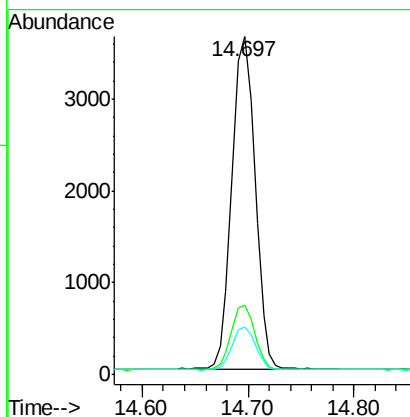
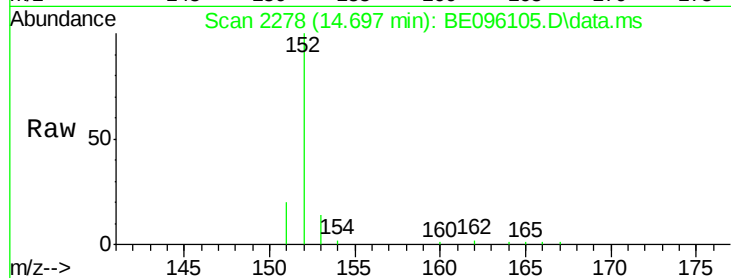
Tot Ion:152 Resp: 5531

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

153 14.1 12.8 19.2



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.032 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

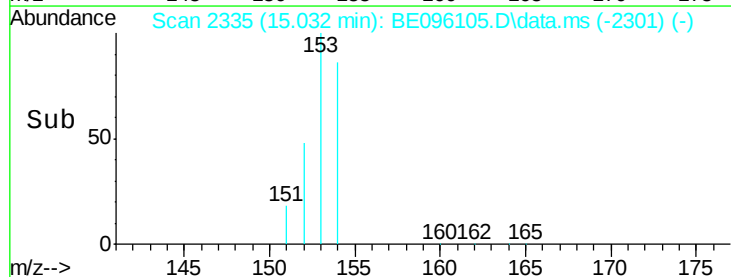
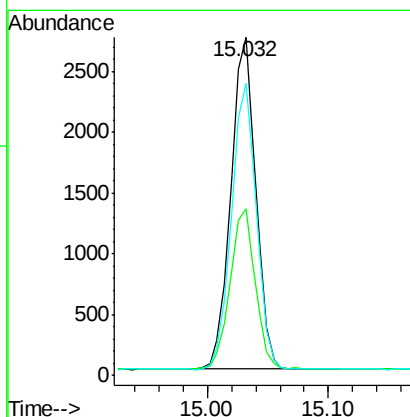
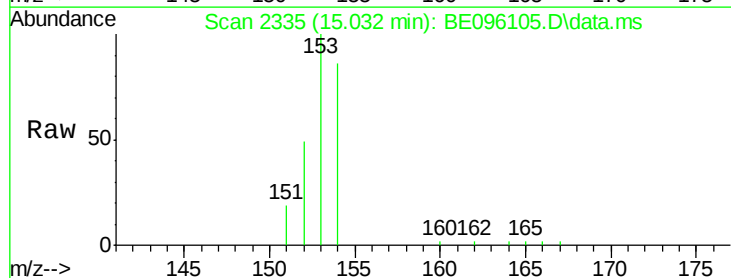
Tgt Ion:153 Resp: 3912

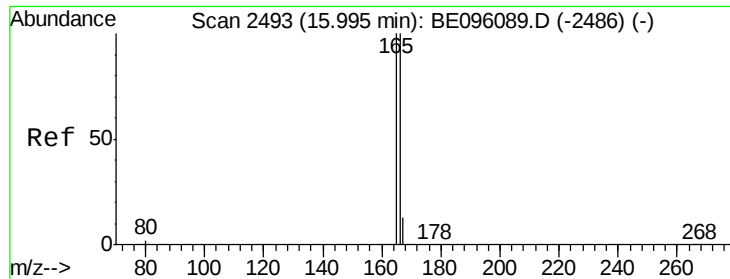
Ion Ratio Lower Upper

153 100

152 49.3 36.0 54.0

154 86.2 72.0 108.0





#9

Fluorene

Concen: 0.36 ng/ul

RT: 15.994 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

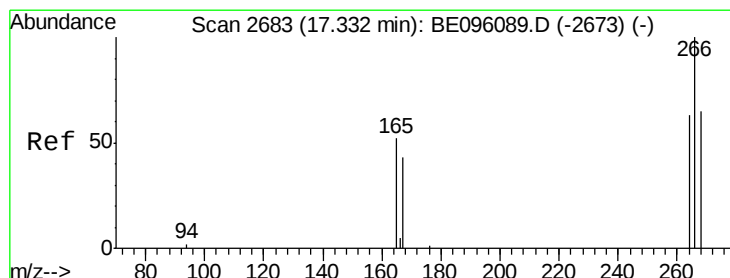
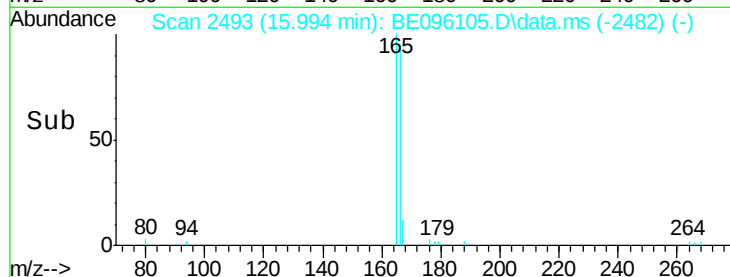
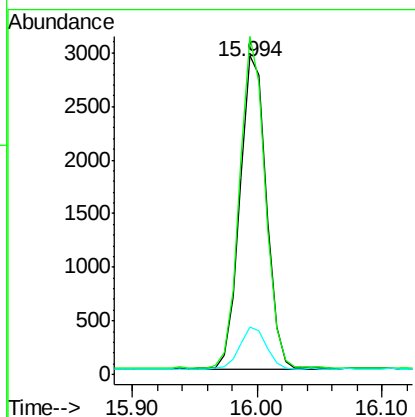
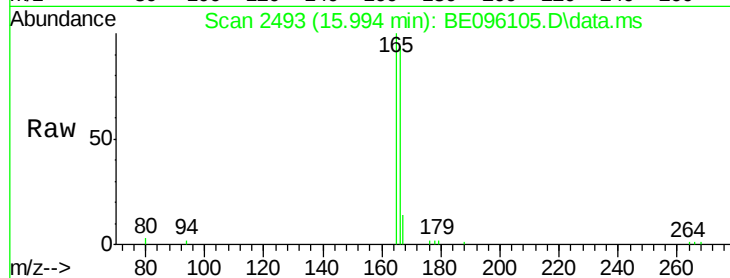
Tot Ion:166 Resp: 4284

Ion Ratio Lower Upper

166 100

165 105.9 73.4 110.2

167 14.7 14.6 22.0



#11

Pentachlorophenol

Concen: 0.29 ng/ul

RT: 17.338 min Scan# 2684

Delta R.T. 0.007 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

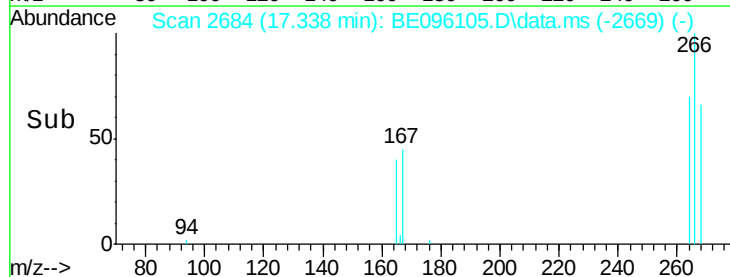
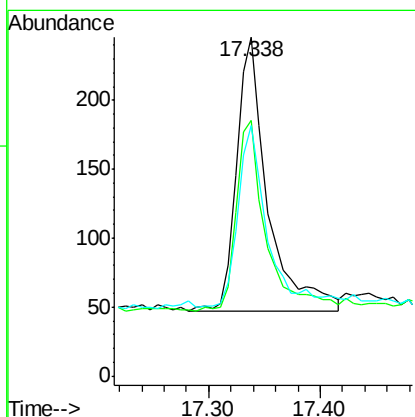
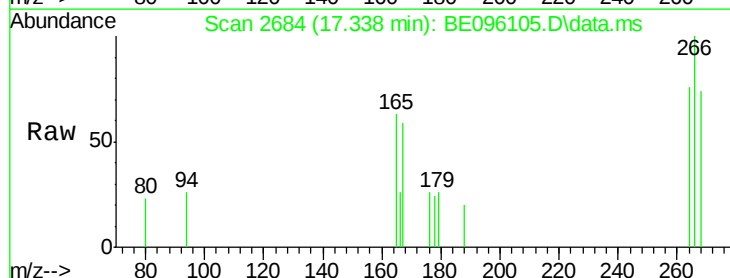
Tgt Ion:266 Resp: 385

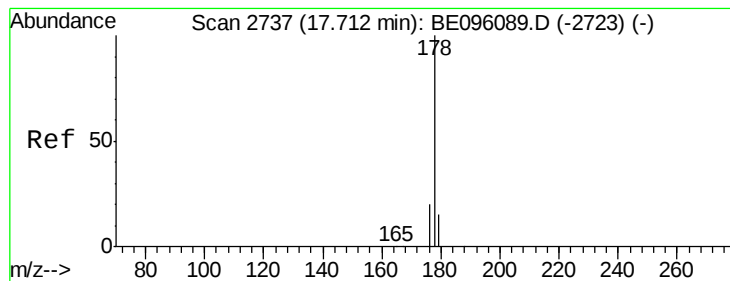
Ion Ratio Lower Upper

266 100

264 71.9 47.9 71.9#

268 65.5 49.8 74.8





#12

Phenanthrene

Concen: 0.37 ng/ul

RT: 17.718 min Scan# 27

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

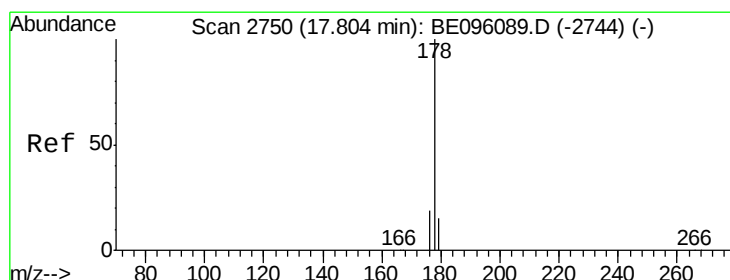
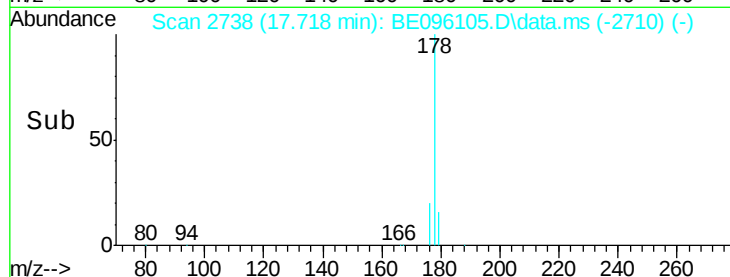
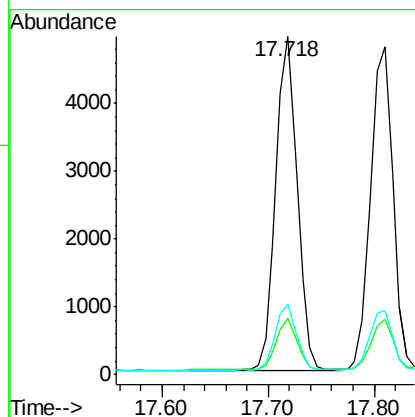
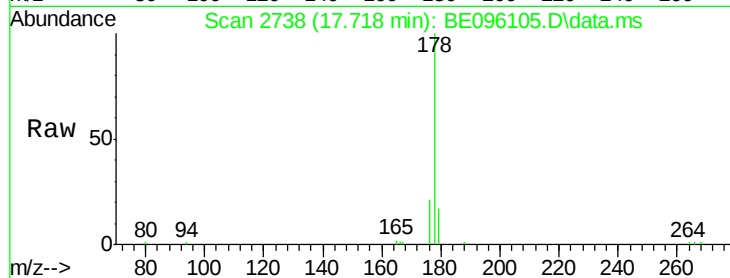
Tot Ion:178 Resp: 6933

Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

176 20.8 13.6 20.4#



#13

Anthracene

Concen: 0.38 ng/ul

RT: 17.810 min Scan# 2751

Delta R.T. 0.007 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

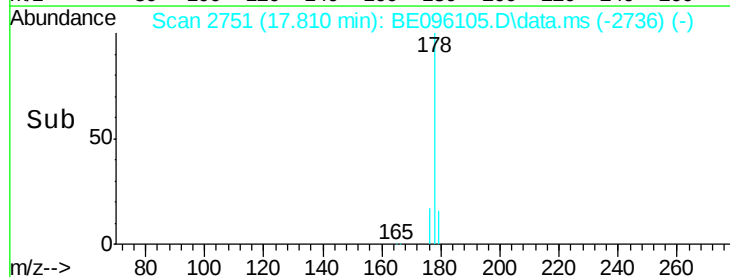
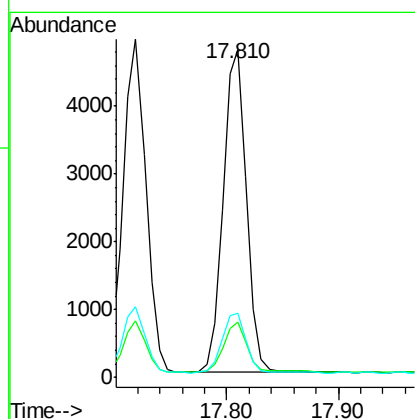
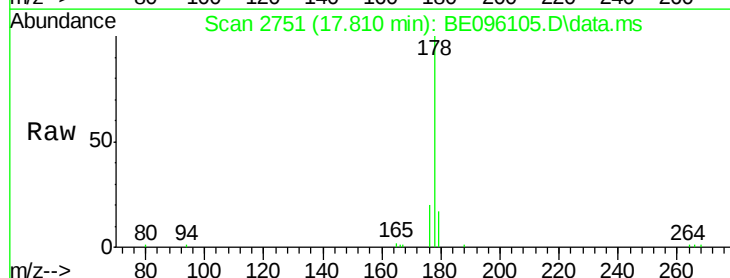
Tgt Ion:178 Resp: 7032

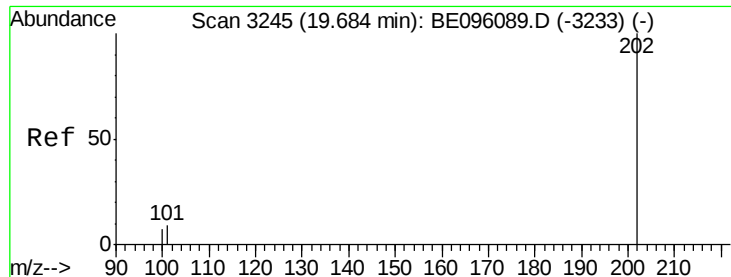
Ion Ratio Lower Upper

178 100

179 16.7 18.1 27.1#

176 19.5 14.7 22.1





#15

Fluoranthene

Concen: 0.34 ng/ul

RT: 19.688 min Scan# 32

Delta R.T. 0.003 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

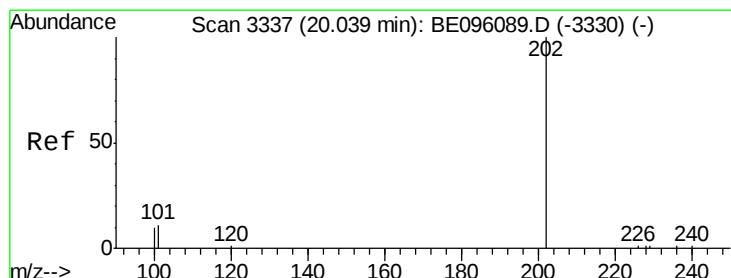
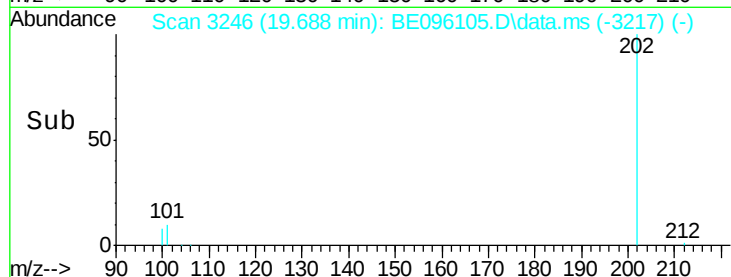
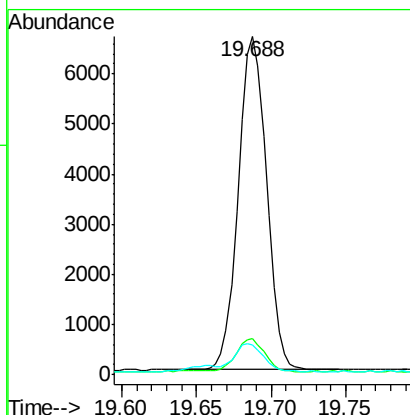
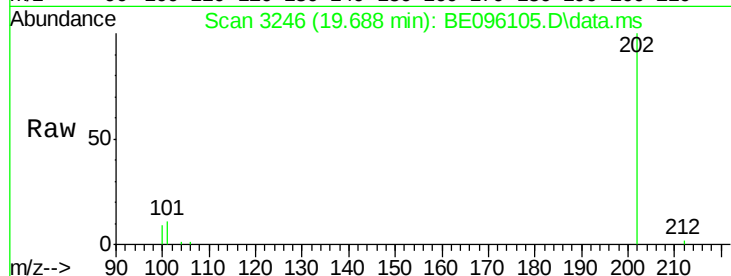
Tot Ion:202 Resp: 8757

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

100 8.7 0.0 39.5



#17

Pyrene

Concen: 0.38 ng/ul

RT: 20.040 min Scan# 3338

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

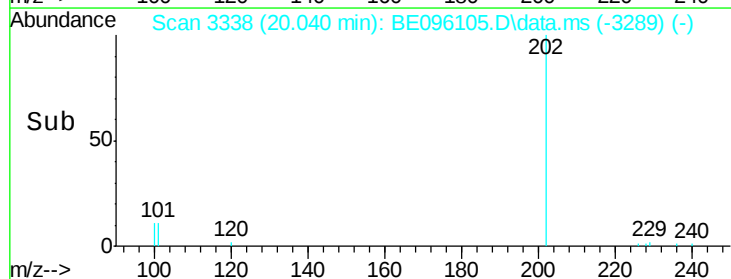
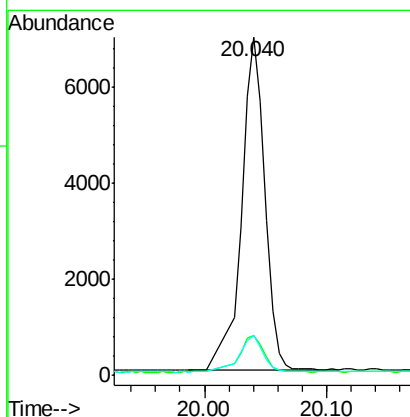
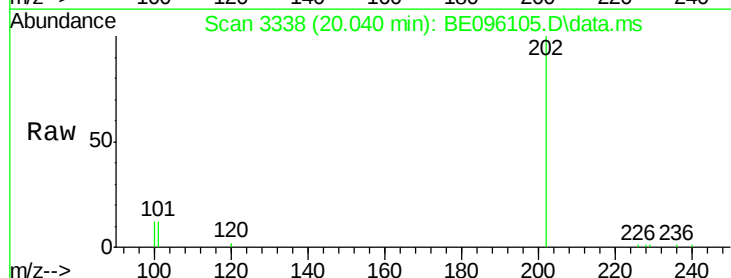
Tgt Ion:202 Resp: 9472

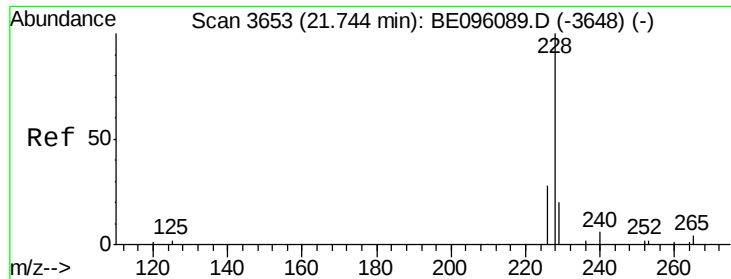
Ion Ratio Lower Upper

202 100

101 11.9 18.2 27.4#

100 11.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 21.751 min Scan# 36

Delta R.T. 0.007 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

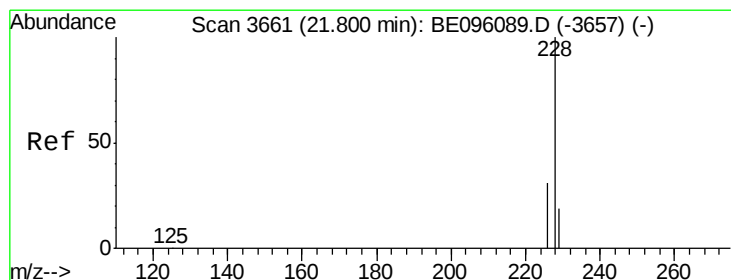
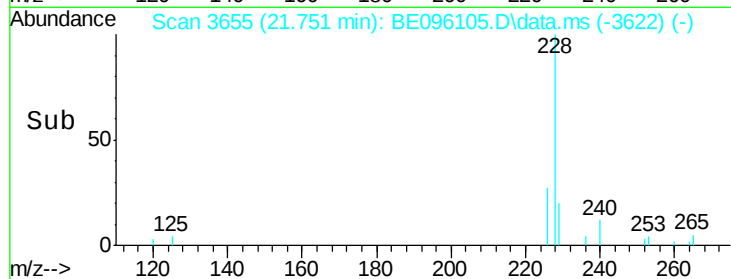
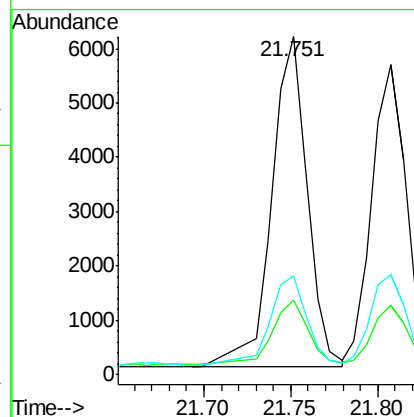
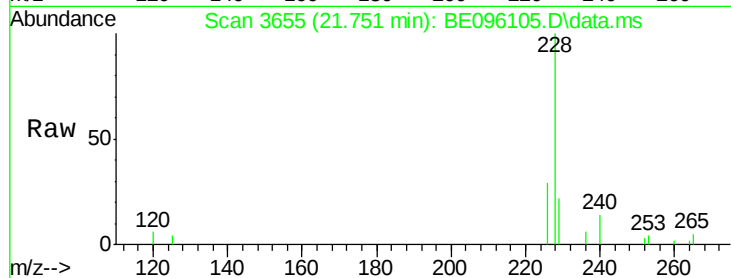
Tot Ion:228 Resp: 11124

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

226 29.3 17.0 25.6#



#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.808 min Scan# 3663

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

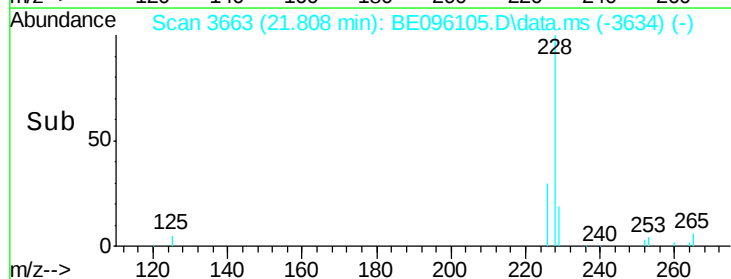
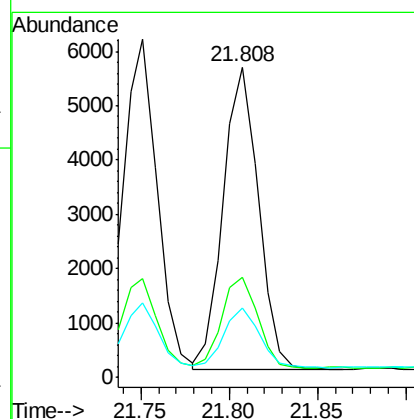
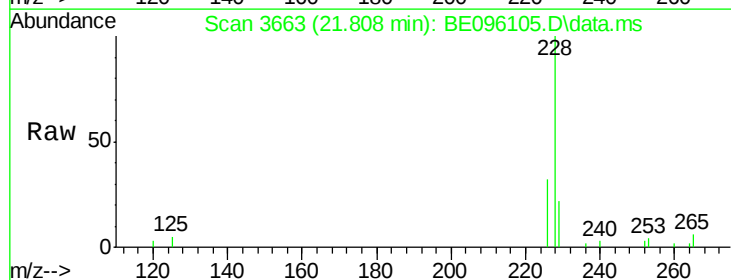
Tgt Ion:228 Resp: 7671

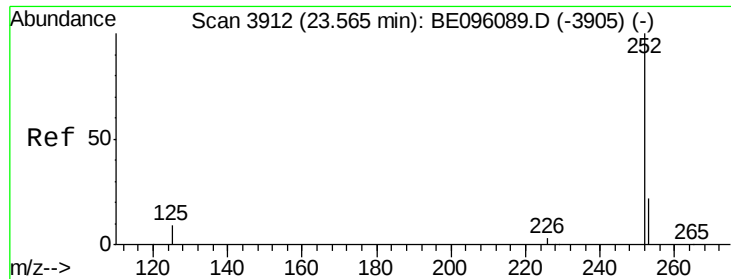
Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 23.572 min Scan# 3912

Delta R.T. 0.007 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

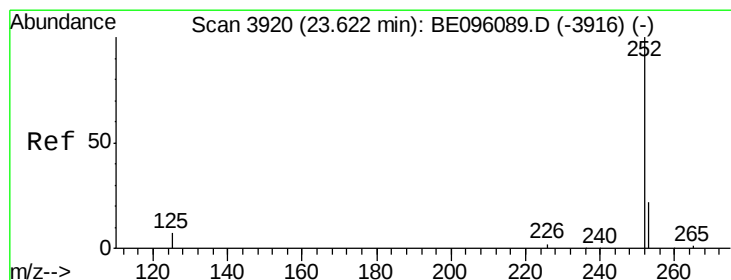
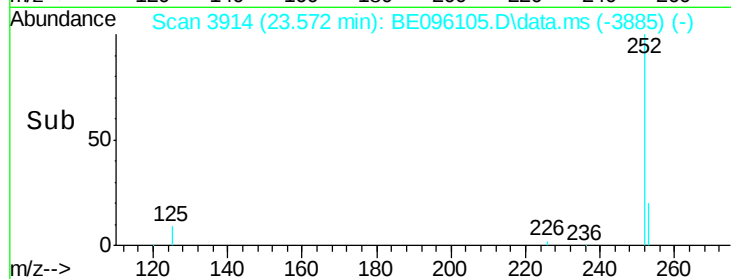
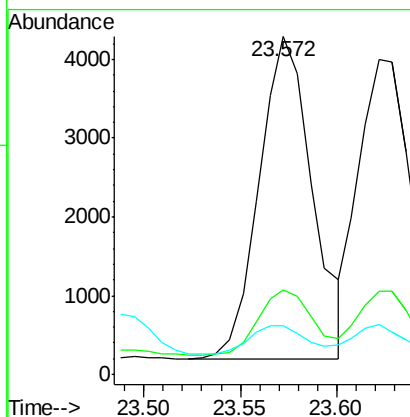
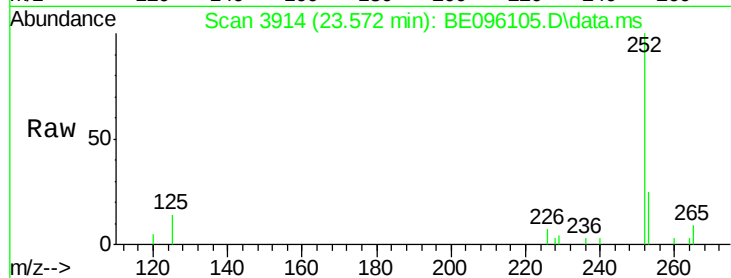
Tot Ion:252 Resp: 7851

Ion Ratio Lower Upper

252 100

253 25.1 0.0 64.2

125 14.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.35 ng/ul

RT: 23.622 min Scan# 3921

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

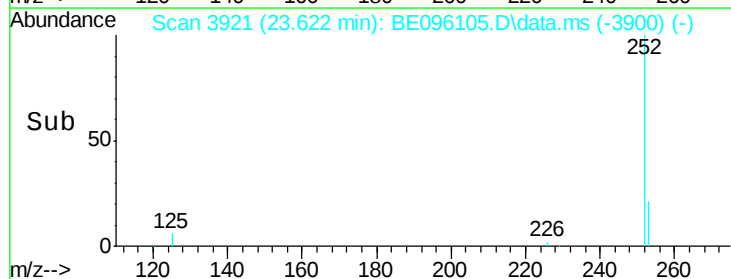
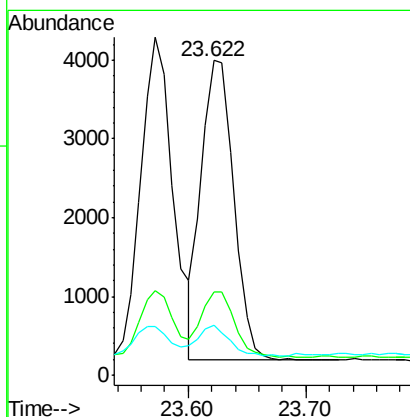
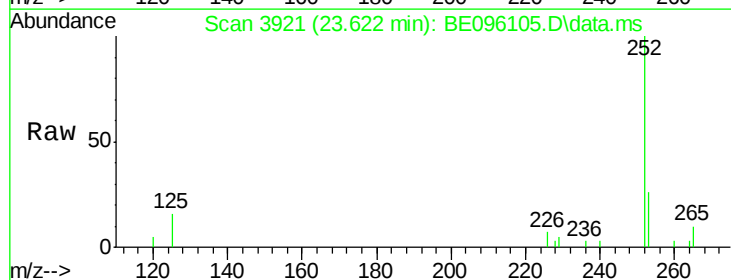
Tgt Ion:252 Resp: 7276

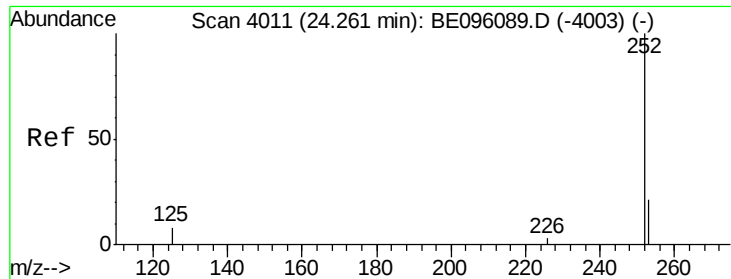
Ion Ratio Lower Upper

252 100

253 26.3 24.5 36.7

125 15.7 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.36 ng/ul

RT: 24.262 min Scan# 4011

Delta R.T. 0.000 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.449

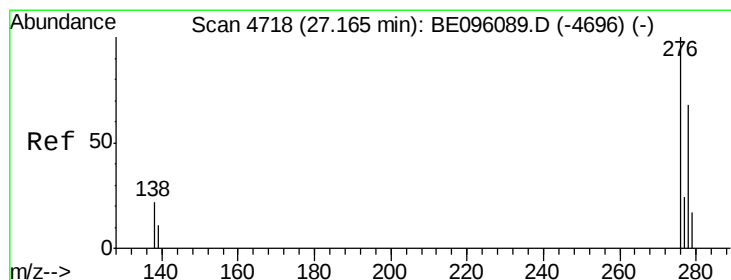
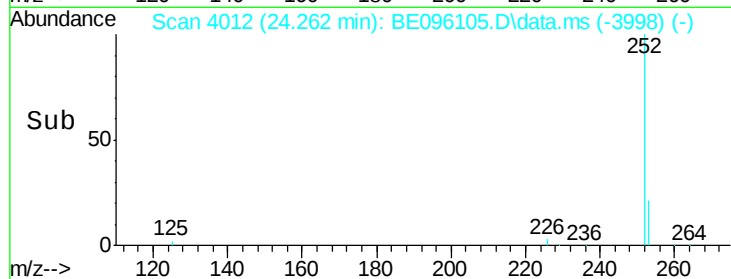
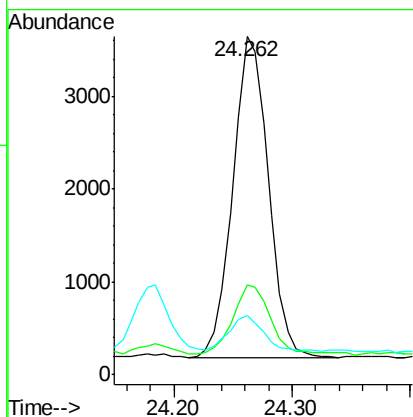
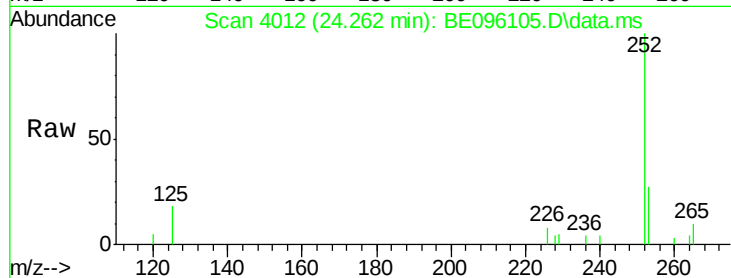
Tot Ion:252 Resp: 7300

Ion Ratio Lower Upper

252 100

253 26.7 28.5 42.7#

125 17.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.38 ng/ul

RT: 27.182 min Scan# 4724

Delta R.T. 0.017 min

Lab File: BE096105.D

Acq: 24 Apr 2018 3:13

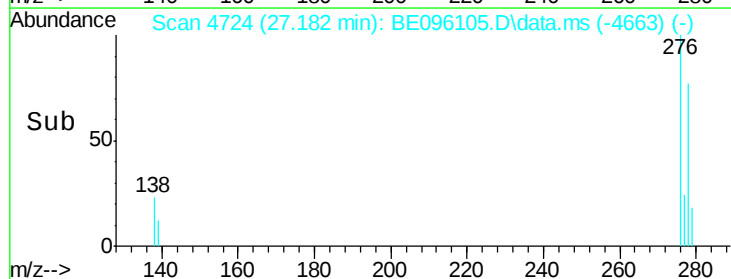
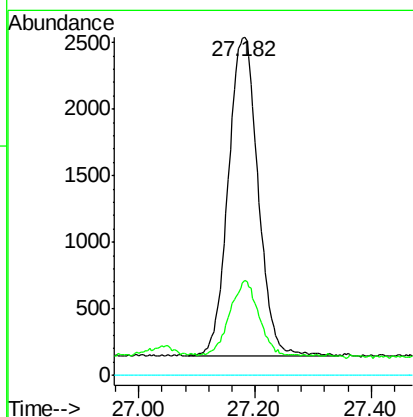
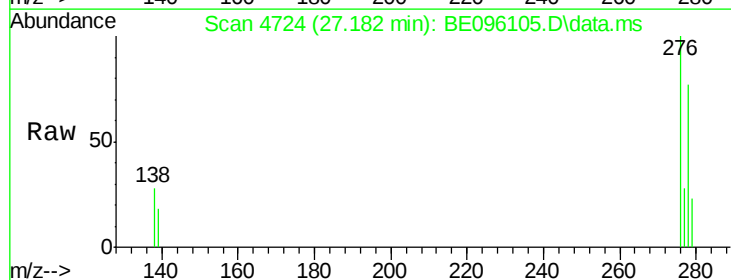
Tgt Ion:276 Resp: 8591

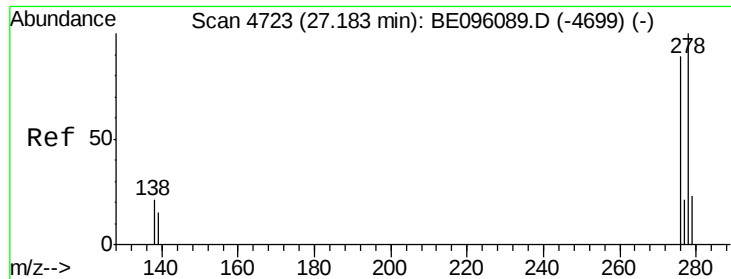
Ion Ratio Lower Upper

276 100

138 22.8 28.0 42.0#

227 0.0 8.0 12.0#

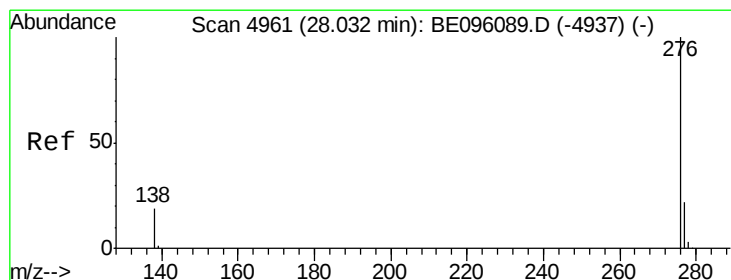
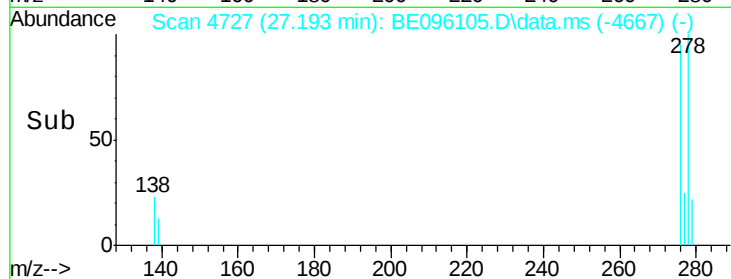
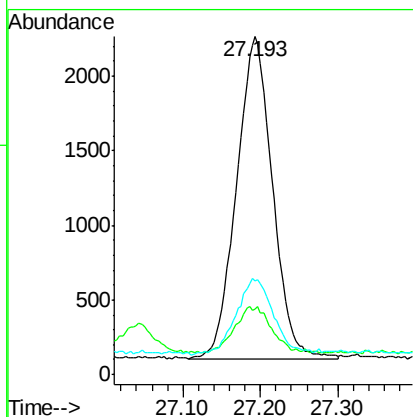
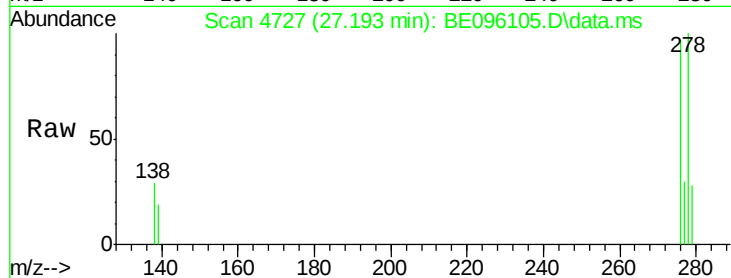




#25
 Dibenzo(a,h)anthracene
 Concen: 0.38 ng/ul
 RT: 27.193 min Scan# 47
 Delta R.T. 0.013 min
 Lab File: BE096105.D
 Acq: 24 Apr 2018 3:13

Instrument :
 BNA_E
 ClientSampleId :
 SST0.449

Tot Ion:278 Resp: 6942
 Ion Ratio Lower Upper
 278 100
 139 19.4 17.4 26.0
 279 27.5 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.37 ng/ul
 RT: 28.049 min Scan# 4967
 Delta R.T. 0.010 min
 Lab File: BE096105.D
 Acq: 24 Apr 2018 3:13

Tgt Ion:276 Resp: 7050
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.8 32.8
 277 28.8 20.5 30.7

