

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096112.D
 Acq On : 24 Apr 2018 7:23
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.450

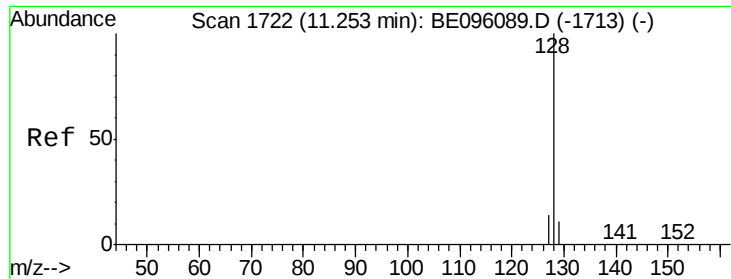
Quant Time: Apr 24 11:04:11 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	2017	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.967	164	3122	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.676	188	6846	0.40	ng/ul	0.00
16) Chrysene-d12	21.765	240	8211	0.40	ng/ul	0.00
20) Perylene-d12	24.205	264	476	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.757	152	3920	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.655	212	9563	0.34	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.253	128	5868	0.37	ng/ul#	89
5) 2-Methylnaphthalene	12.834	142	3989	0.37	ng/ul	99
7) Acenaphthylene	14.697	152	6035	0.37	ng/ul	96
8) Acenaphthene	15.025	153	4313	0.37	ng/ul	93
9) Fluorene	15.994	166	4643	0.35	ng/ul	90
11) Pentachlorophenol	17.338	266	307	0.21	ng/ul	93
12) Phenanthrene	17.718	178	7428	0.37	ng/ul#	89
13) Anthracene	17.803	178	7446	0.37	ng/ul#	90
15) Fluoranthene	19.684	202	9365	0.34	ng/ul	84
17) Pyrene	20.040	202	9562	0.34	ng/ul#	79
18) Benzo(a)anthracene	21.744	228	10432	0.31	ng/ul#	84
19) Chrysene	21.801	228	8167	0.34	ng/ul	95
23) Benzo(a)pyrene	24.184	252	123	0.08	ng/ul#	1

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

```
Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\  
Data File : BE096112.D  
Acq On    : 24 Apr 2018    7:23  
Operator  : SJ/JU  
Sample    : SSTCCCC0.4EC  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```



#3

Naphthalene

Concen: 0.37 ng/ul

RT: 11.253 min Scan# 17

Delta R.T. -0.000 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

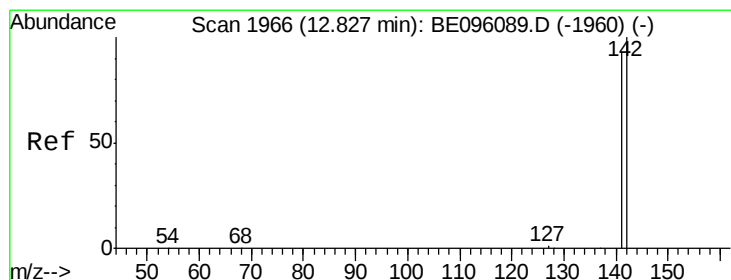
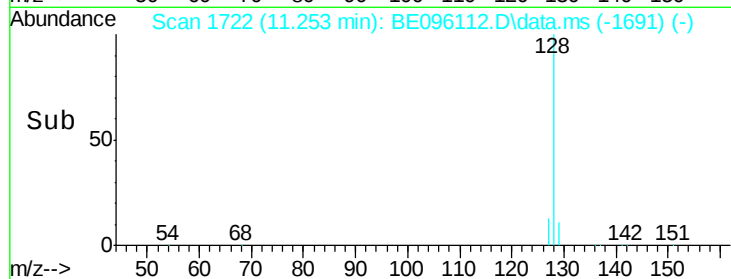
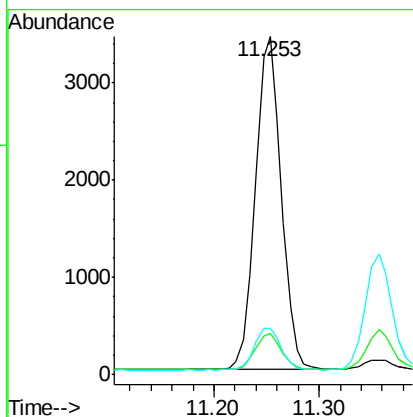
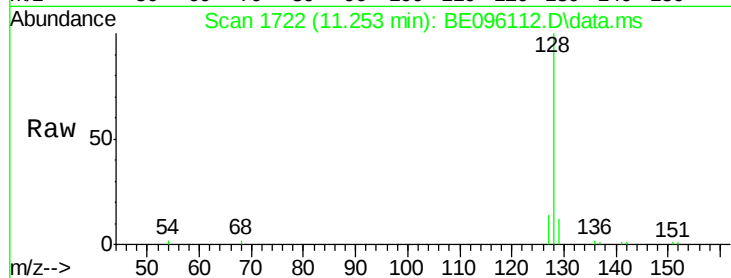
Tot Ion:128 Resp: 5868

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

127 13.7 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 12.834 min Scan# 1967

Delta R.T. -0.000 min

Lab File: BE096112.D

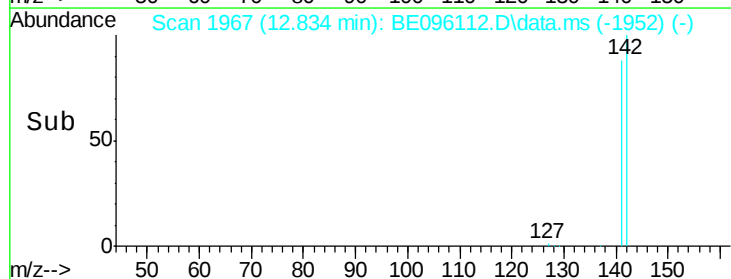
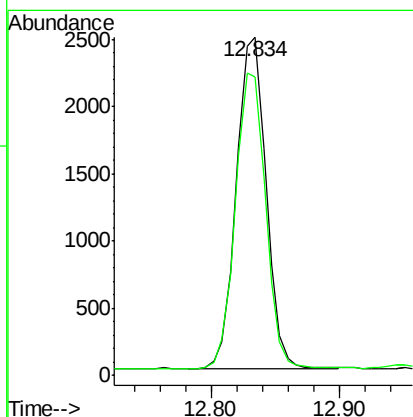
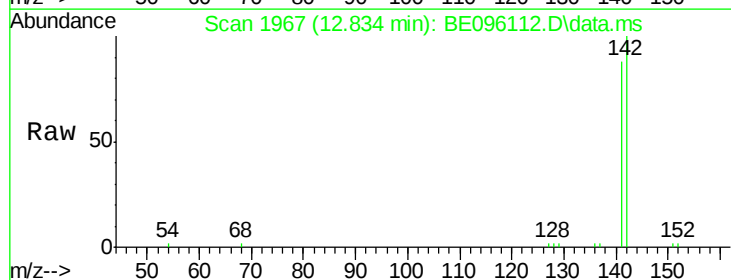
Acq: 24 Apr 2018 7:23

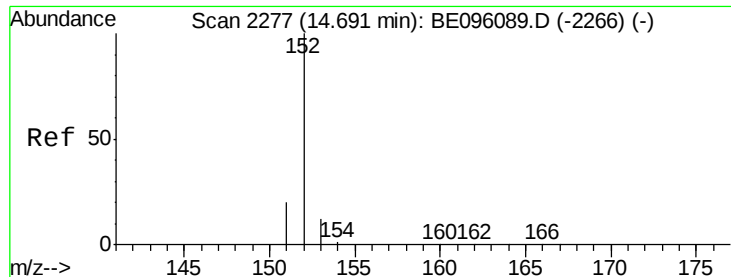
Tgt Ion:142 Resp: 3989

Ion Ratio Lower Upper

142 100

141 91.2 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: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

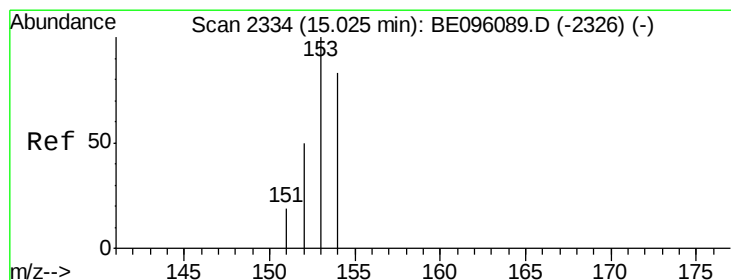
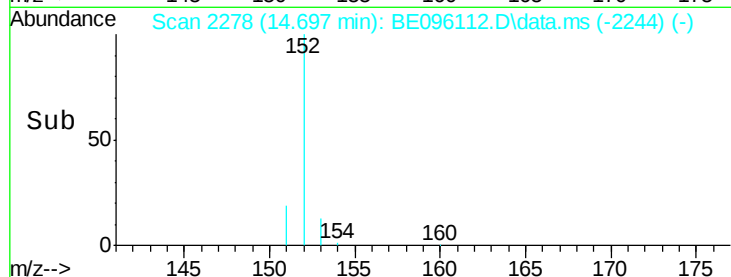
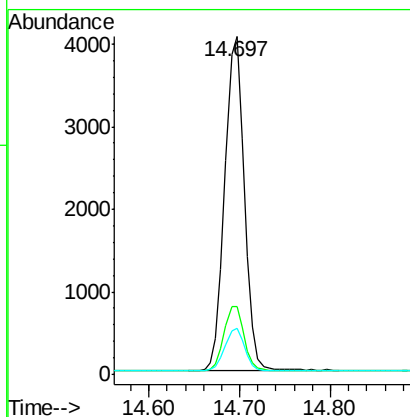
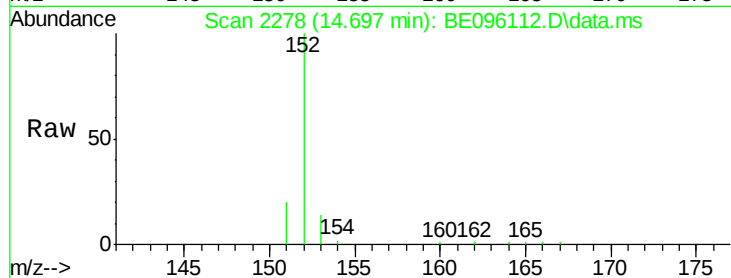
Tot Ion:152 Resp: 6035

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

153 13.7 12.8 19.2



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.025 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

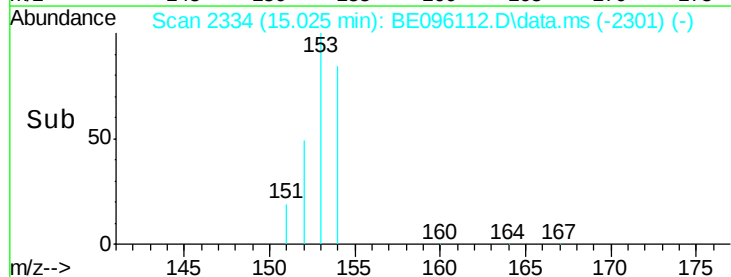
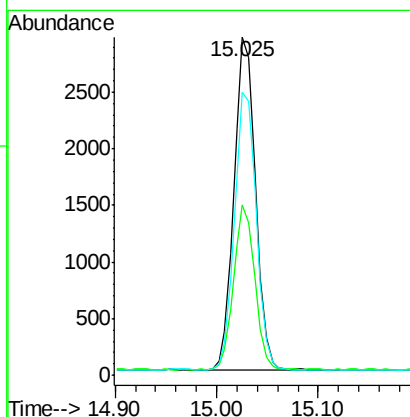
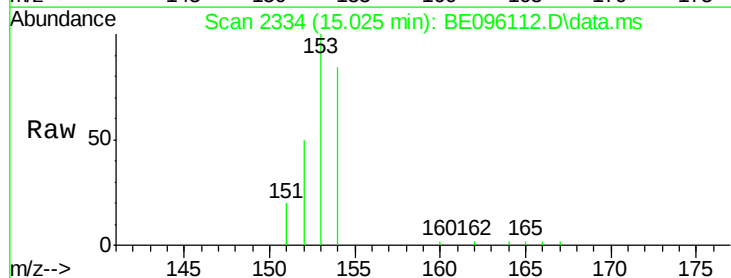
Tgt Ion:153 Resp: 4313

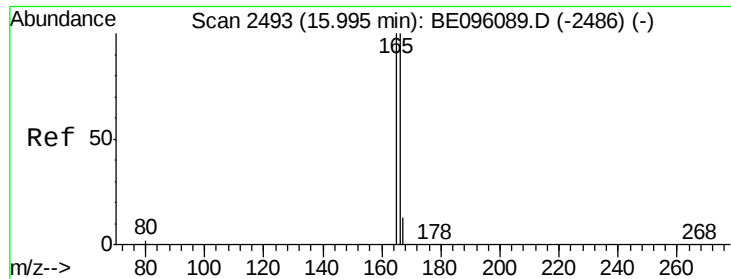
Ion Ratio Lower Upper

153 100

152 50.5 36.0 54.0

154 83.8 72.0 108.0





#9

Fluorene

Concen: 0.35 ng/ul

RT: 15.994 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

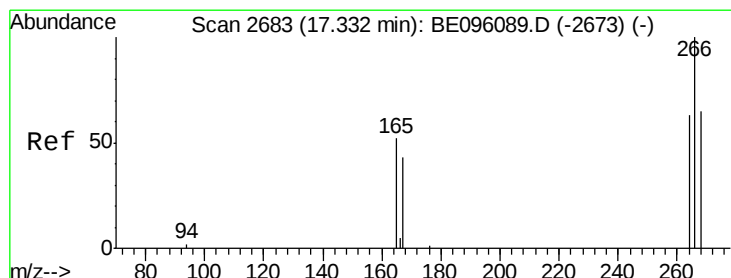
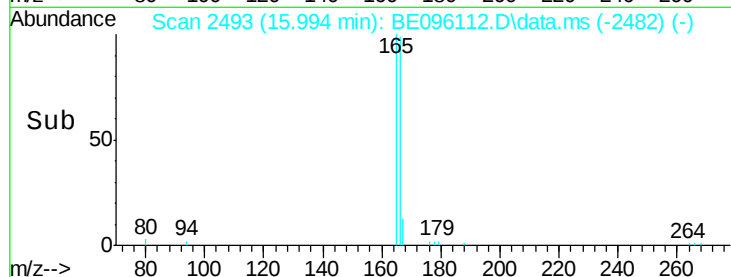
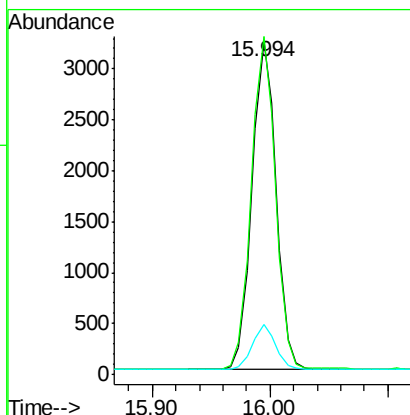
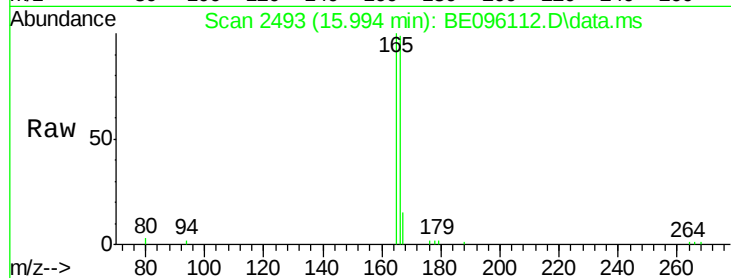
Tot Ion:166 Resp: 4643

Ion Ratio Lower Upper

166 100

165 101.4 73.4 110.2

167 14.8 14.6 22.0



#11

Pentachlorophenol

Concen: 0.21 ng/ul

RT: 17.338 min Scan# 2684

Delta R.T. 0.007 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

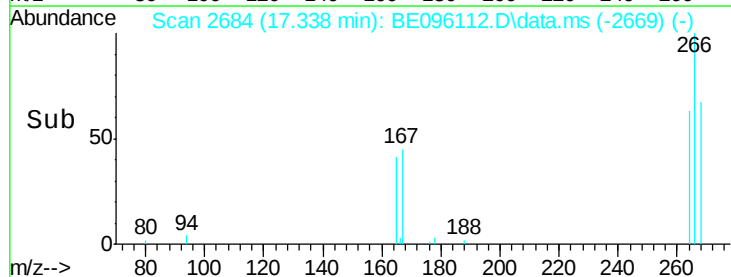
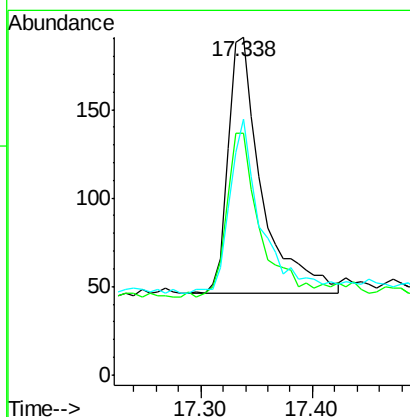
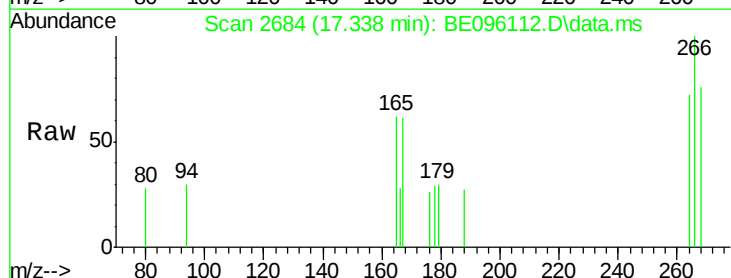
Tgt Ion:266 Resp: 307

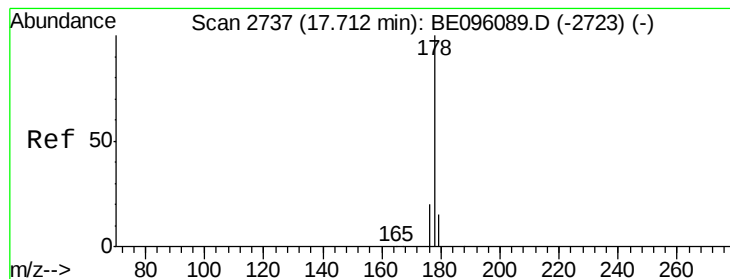
Ion Ratio Lower Upper

266 100

264 65.8 47.9 71.9

268 67.8 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: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

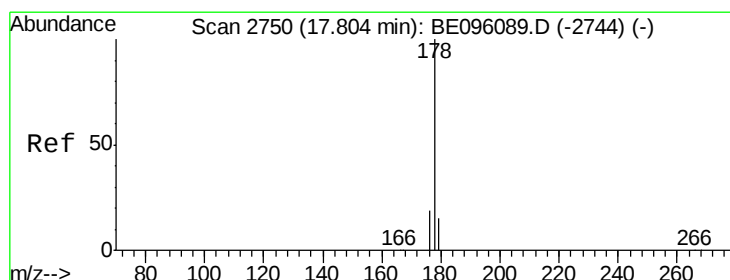
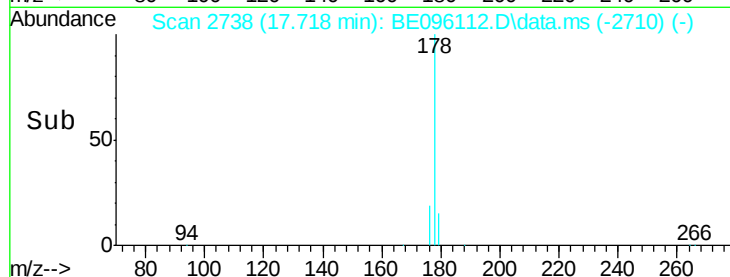
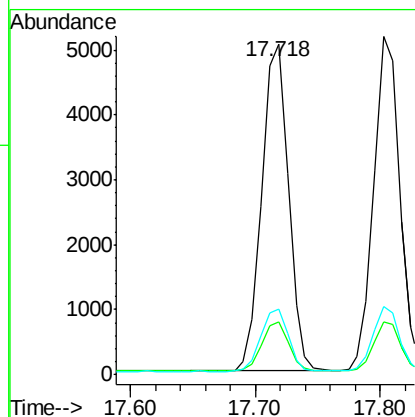
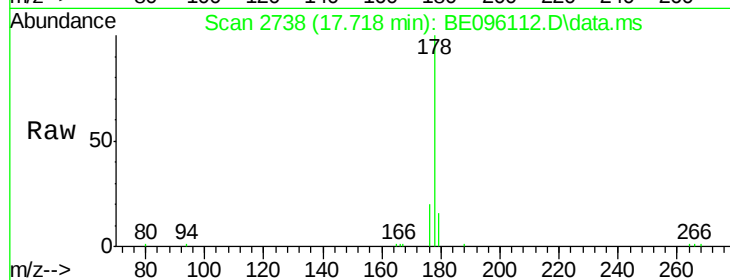
Tot Ion:178 Resp: 7428

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.37 ng/ul

RT: 17.803 min Scan# 2750

Delta R.T. 0.000 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

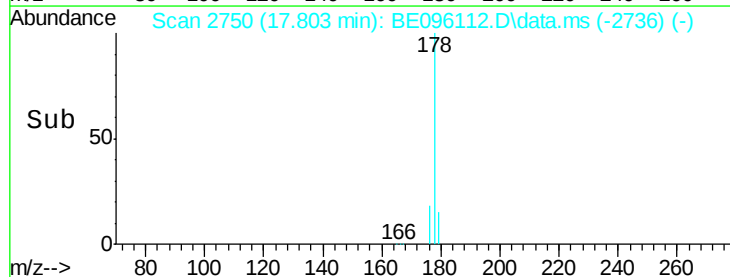
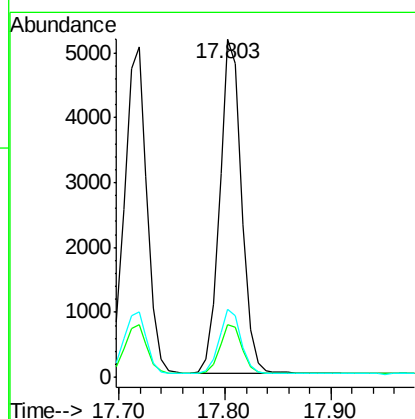
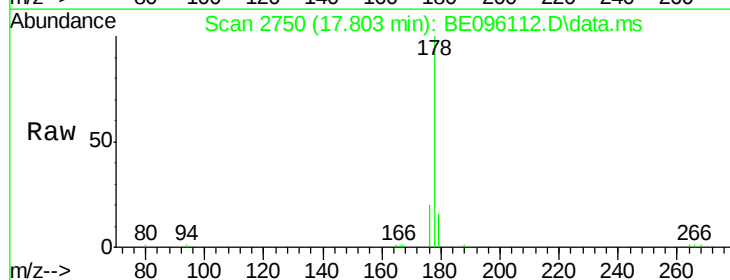
Tgt Ion:178 Resp: 7446

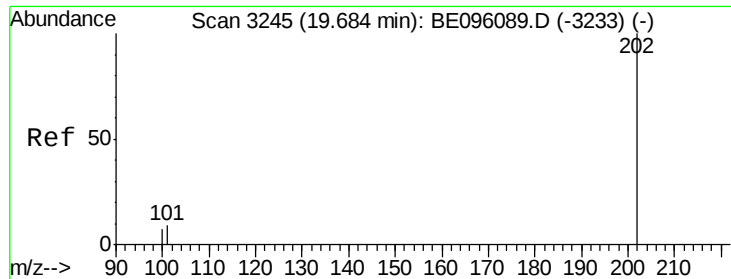
Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

176 20.3 14.7 22.1





#15

Fluoranthene

Concen: 0.34 ng/ul

RT: 19.684 min Scan# 32

Delta R.T. -0.000 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

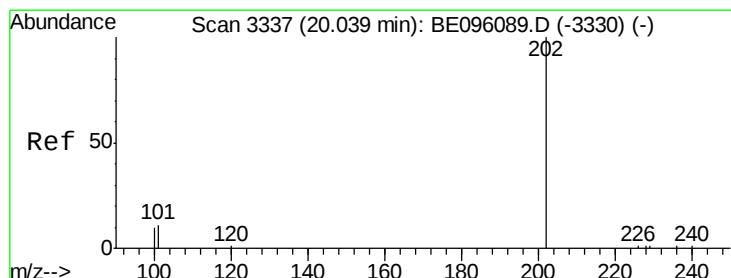
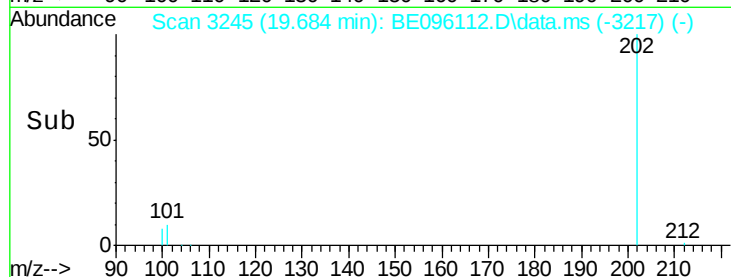
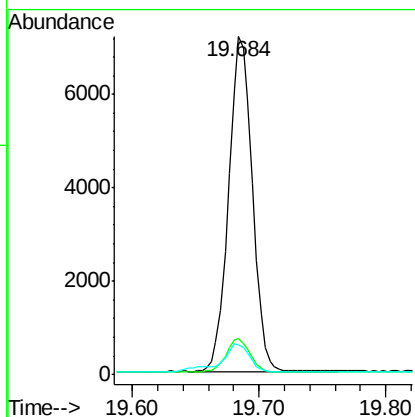
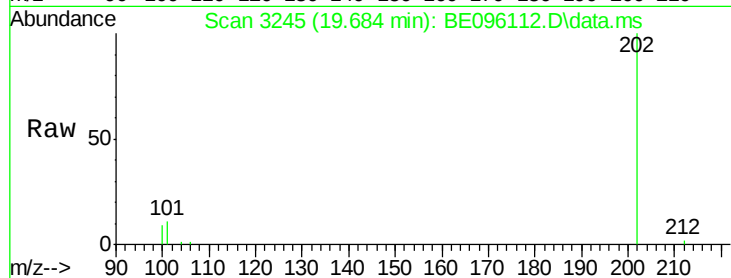
Tot Ion:202 Resp: 9365

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

100 8.8 0.0 39.5



#17

Pyrene

Concen: 0.34 ng/ul

RT: 20.040 min Scan# 3338

Delta R.T. -0.000 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

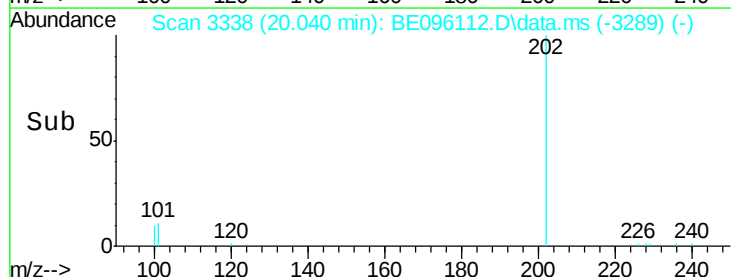
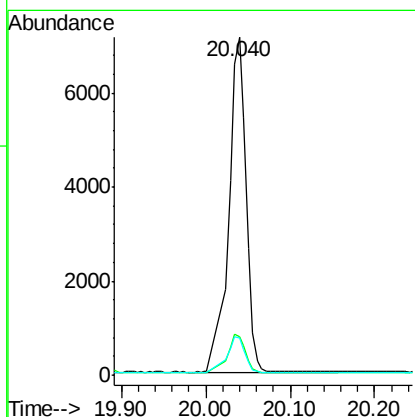
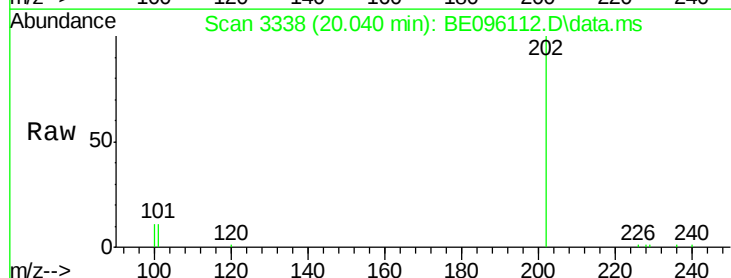
Tgt Ion:202 Resp: 9562

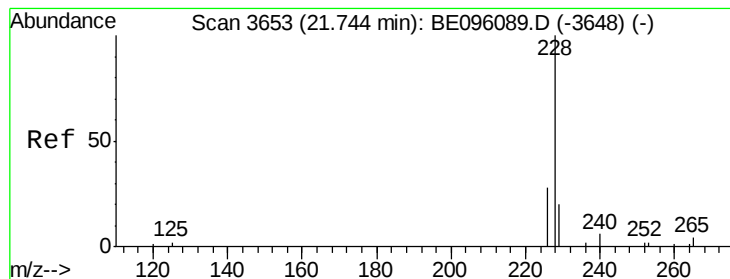
Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

100 10.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.31 ng/ul

RT: 21.744 min Scan# 36

Delta R.T. 0.000 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

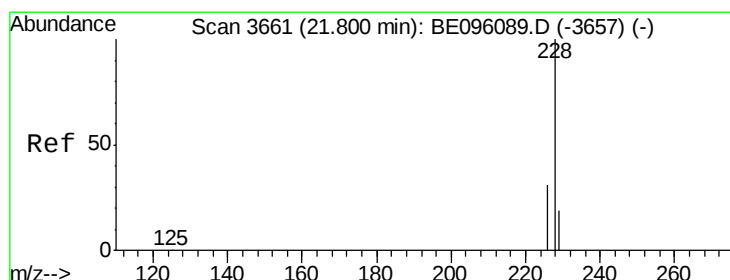
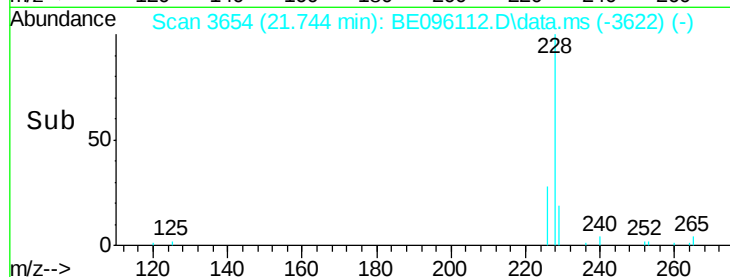
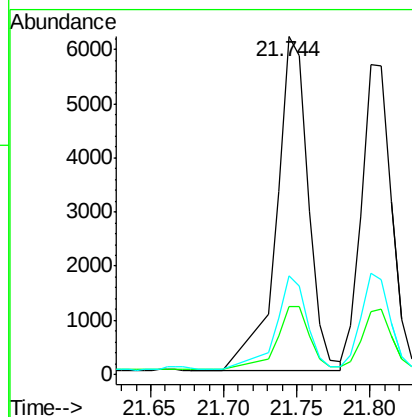
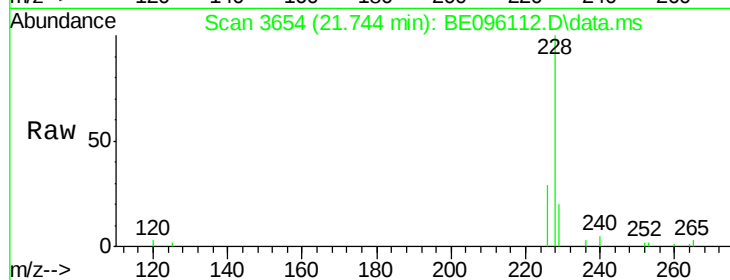
Tot Ion:228 Resp: 10432

Ion Ratio Lower Upper

228 100

229 20.1 22.8 34.2#

226 29.1 17.0 25.6#



#19

Chrysene

Concen: 0.34 ng/ul

RT: 21.801 min Scan# 3662

Delta R.T. -0.007 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

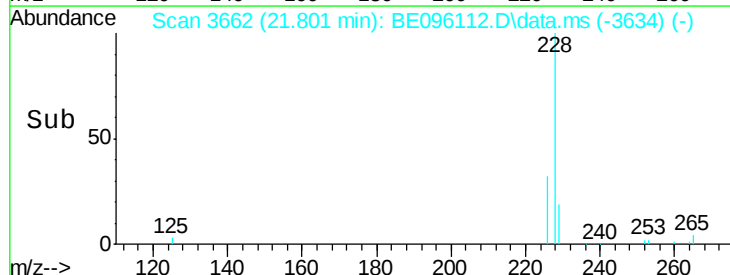
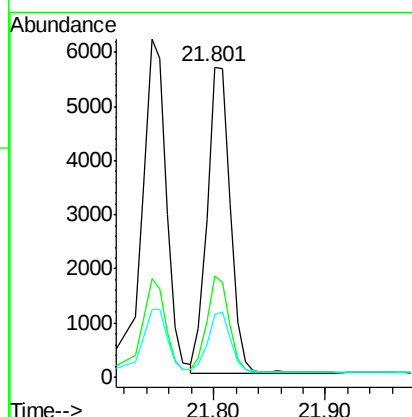
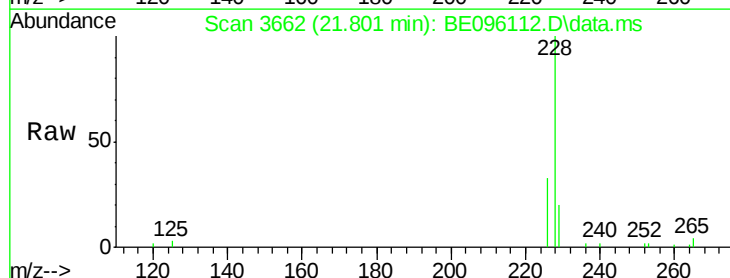
Tgt Ion:228 Resp: 8167

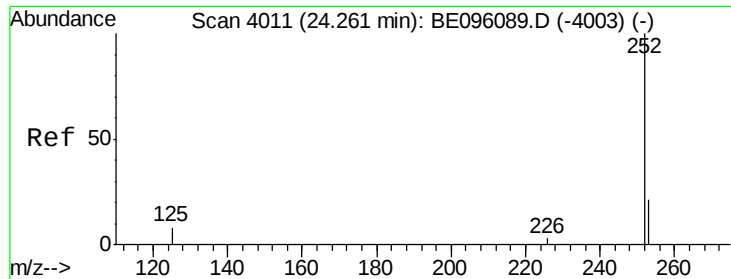
Ion Ratio Lower Upper

228 100

226 32.5 23.4 35.0

229 20.3 17.7 26.5





#23

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 24.184 min Scan# 40

Delta R.T. -0.077 min

Lab File: BE096112.D

Acq: 24 Apr 2018 7:23

Instrument :

BNA_E

ClientSampleId :

SSTD0.450

Tot Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 155.2 28.5 42.7#

125 572.1 18.1 27.1#

