

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096099.D
 Acq On : 23 Apr 2018 23:38
 Operator : SJ/JU
 Sample : J2434-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Quant Time: Apr 24 11:00:01 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)

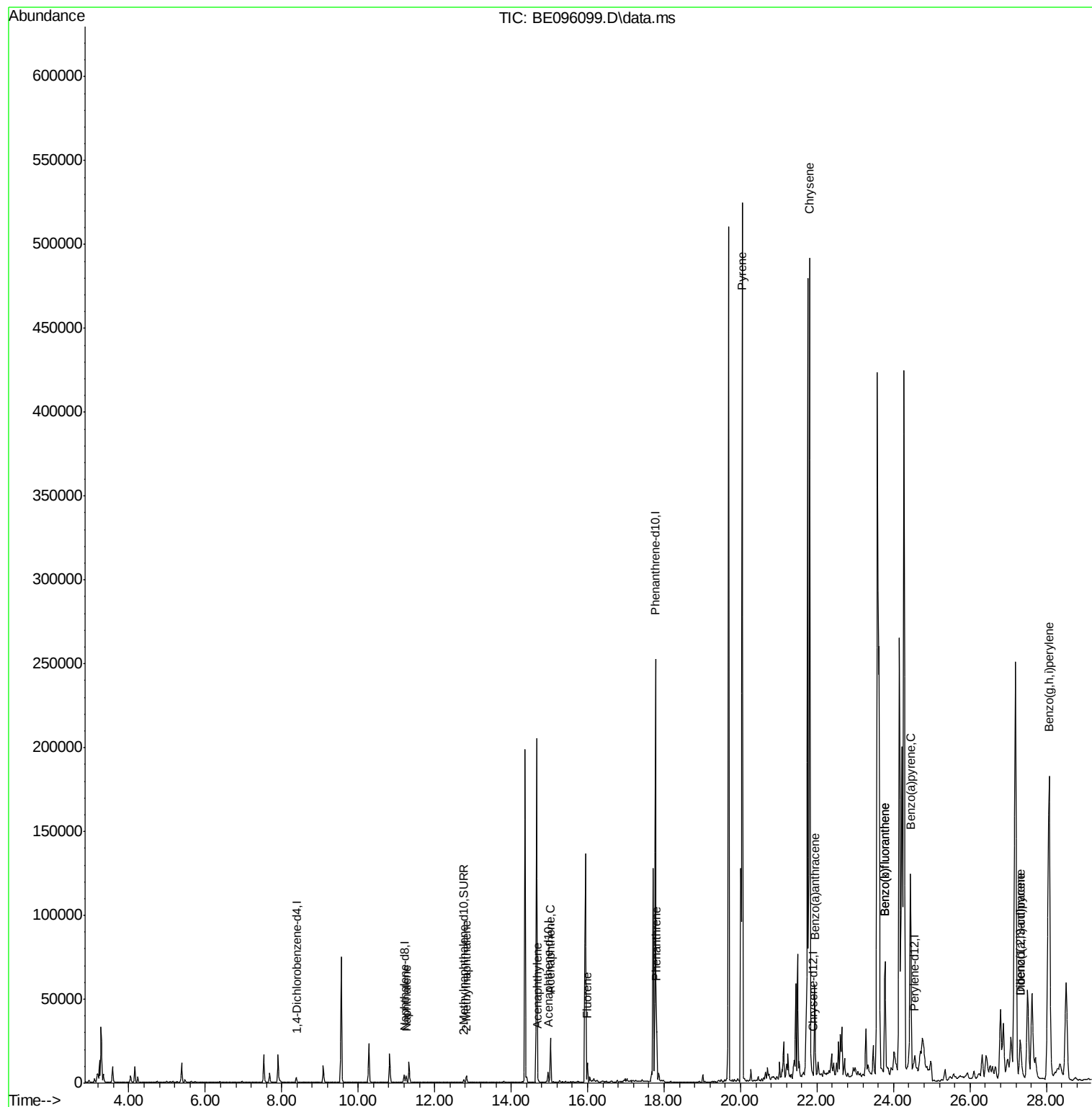
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.380	152	2082	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.965	164	3389	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.775	188	302959	0.40	ng/ul	0.10
16) Chrysene-d12	21.906	240	270	0.40	ng/ul	0.14
20) Perylene-d12	24.557	264	3855	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.756	152	1840	0.17	ng/ul	0.00
14) Fluoranthene-d10	0.000	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.253	128	5069	0.31	ng/ul#	89
5) 2-Methylnaphthalene	12.834	142	3189	0.29	ng/ul	100
7) Acenaphthylene	14.695	152	2122	0.12	ng/ul	93
8) Acenaphthene	15.030	153	15179	1.20	ng/ul	96
9) Fluorene	15.994	166	7508	0.53	ng/ul#	92
12) Phenanthrene	17.803	178	33294	0.04	ng/ul#	88
17) Pyrene	20.041	202	588910	641.88	ng/ul#	78
18) Benzo(a)anthracene	21.942	228	44220	40.54	ng/ul#	52
19) Chrysene	21.808	228	493146	628.15	ng/ul	97
21) Benzo(b)fluoranthene	23.777	252	99027	7.94	ng/ul	91
22) Benzo(k)fluoranthene	23.777	252	99027	7.97	ng/ul#	93
23) Benzo(a)pyrene	24.445	252	178427	14.82	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.312	276	12270	0.92	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.315	278	38880	3.61	ng/ul	95
26) Benzo(a,h,i)perylene	28.068	276	336756	30.14	ng/ul#	91

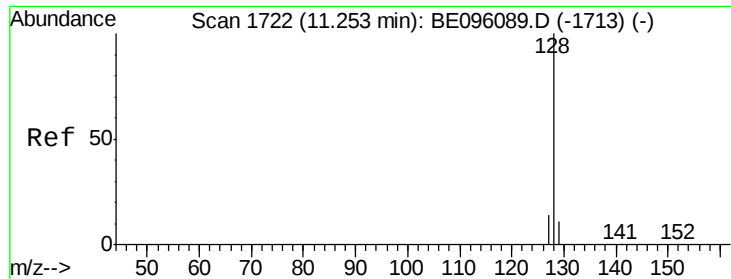
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096099.D
Acq On : 23 Apr 2018 23:38
Operator : SJ/JU
Sample : J2434-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Quant Time: Apr 24 11:00:01 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





#3

Naphthalene

Concen: 0.31 ng/ul

RT: 11.253 min Scan# 17

Delta R.T. -0.000 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

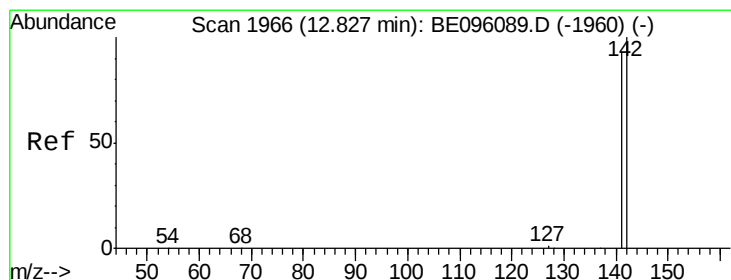
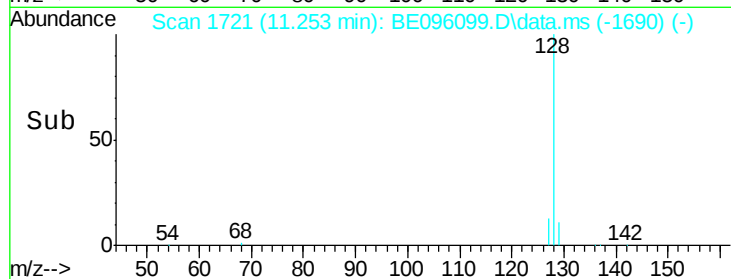
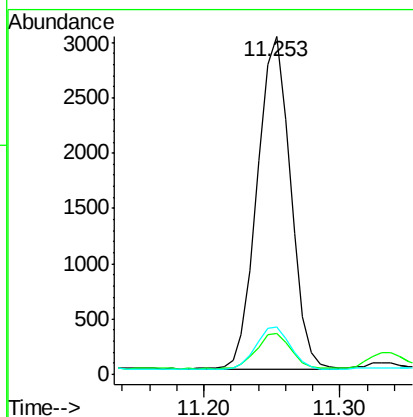
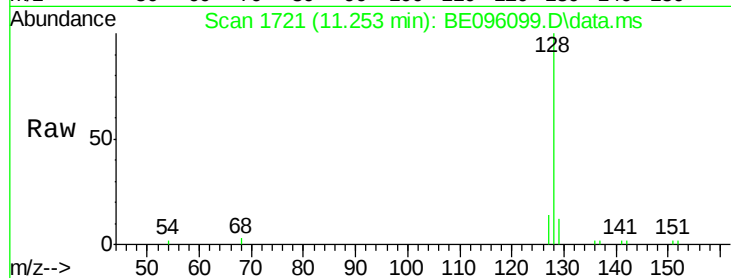
Tot Ion:128 Resp: 5069

Ion Ratio Lower Upper

128 100

129 12.2 11.3 16.9

127 14.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.29 ng/ul

RT: 12.834 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BE096099.D

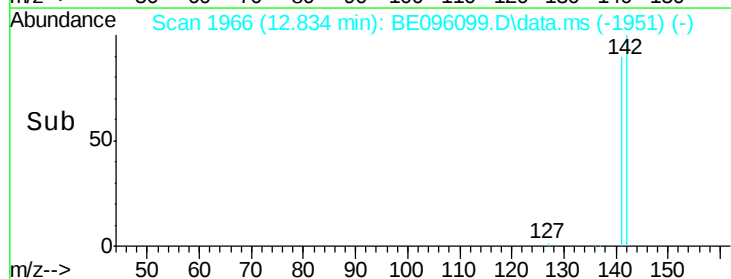
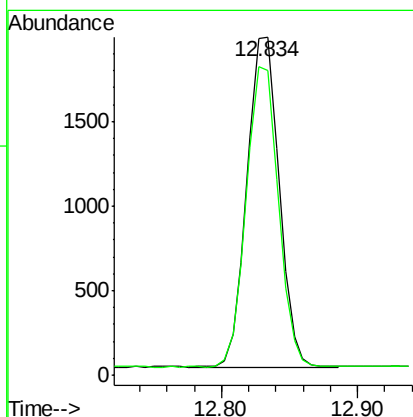
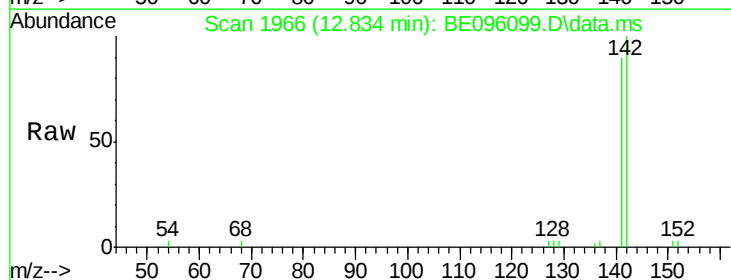
Acq: 23 Apr 2018 23:38

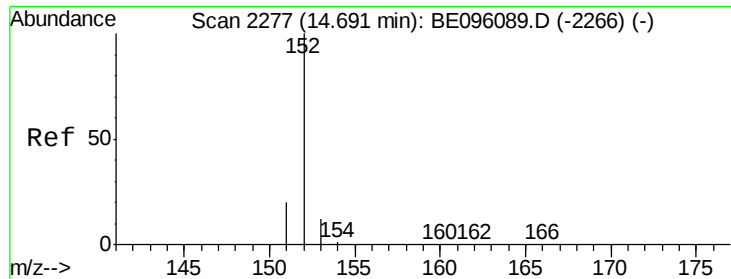
Tgt Ion:142 Resp: 3189

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.695 min Scan# 22

Delta R.T. -0.002 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

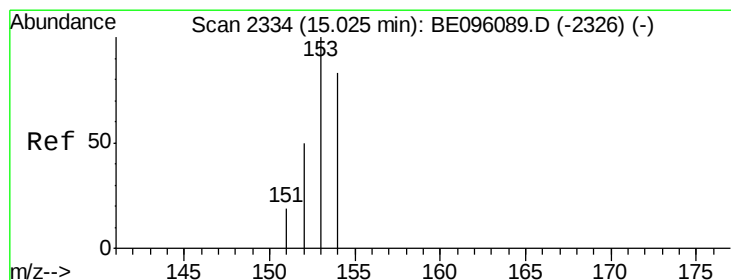
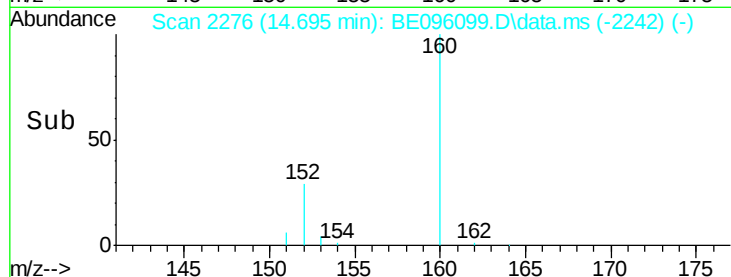
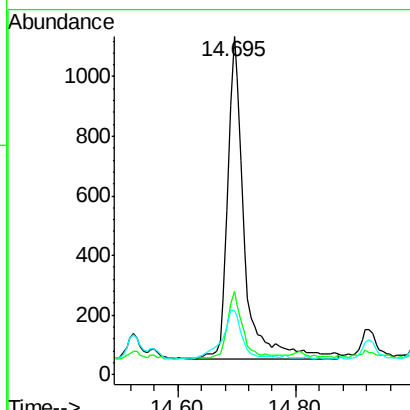
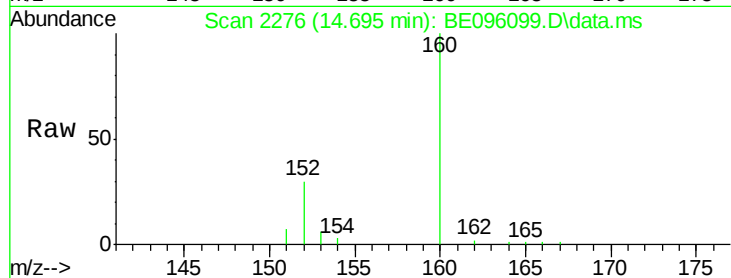
Tot Ion:152 Resp: 2122

Ion Ratio Lower Upper

152 100

151 24.5 17.1 25.7

153 18.9 12.8 19.2



#8

Acenaphthene

Concen: 1.20 ng/ul

RT: 15.030 min Scan# 2333

Delta R.T. -0.002 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

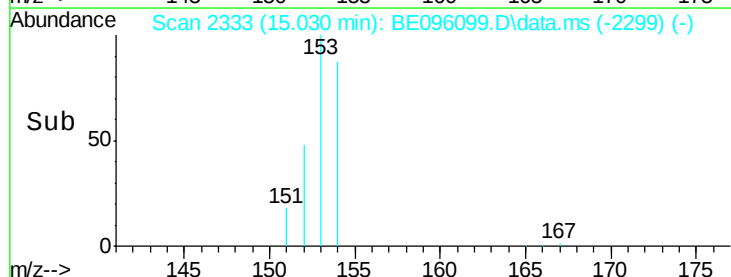
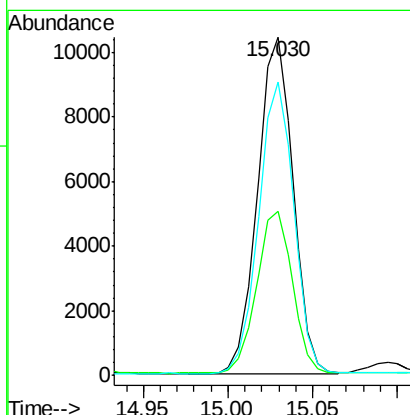
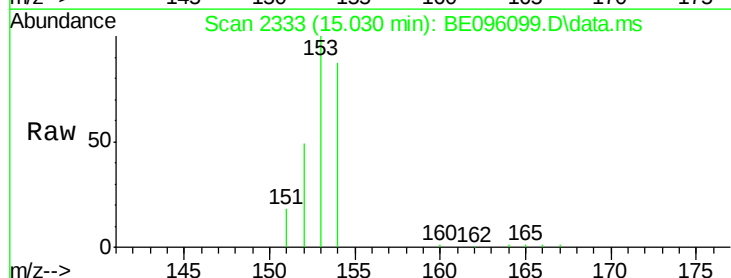
Tgt Ion:153 Resp: 15179

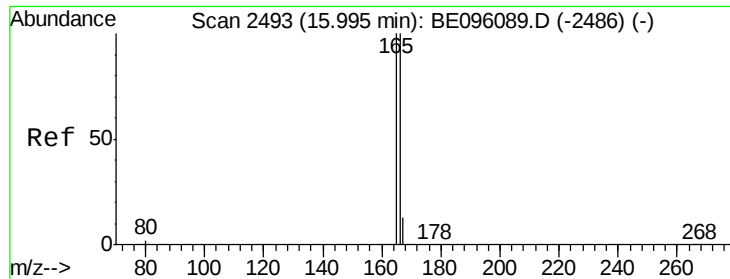
Ion Ratio Lower Upper

153 100

152 48.6 36.0 54.0

154 86.9 72.0 108.0





#9

Fluorene

Concen: 0.53 ng/ul

RT: 15.994 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

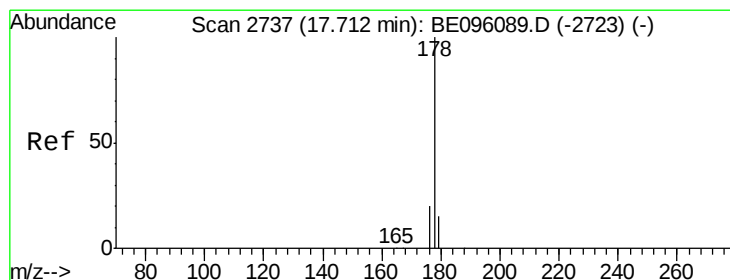
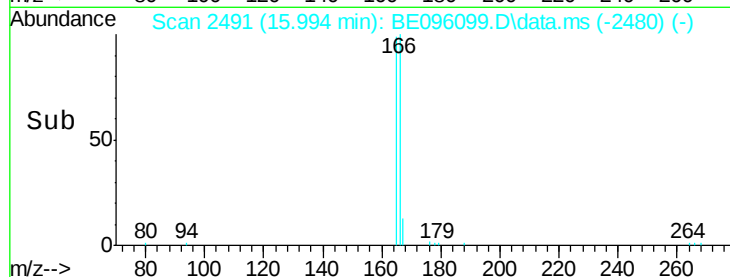
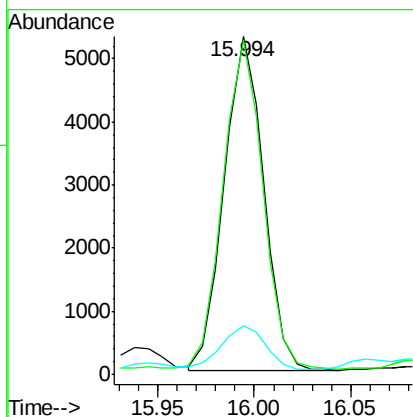
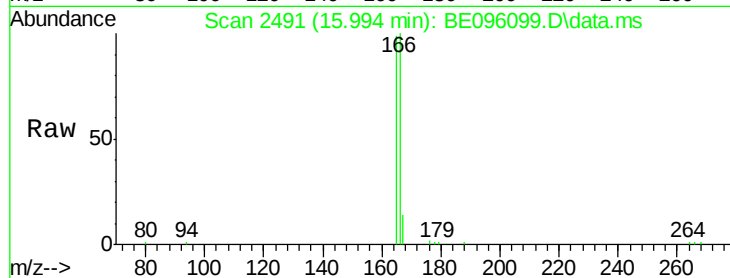
Tot Ion:166 Resp: 7508

Ion Ratio Lower Upper

166 100

165 99.0 73.4 110.2

167 14.5 14.6 22.0#



#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.803 min Scan# 2748

Delta R.T. 0.084 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

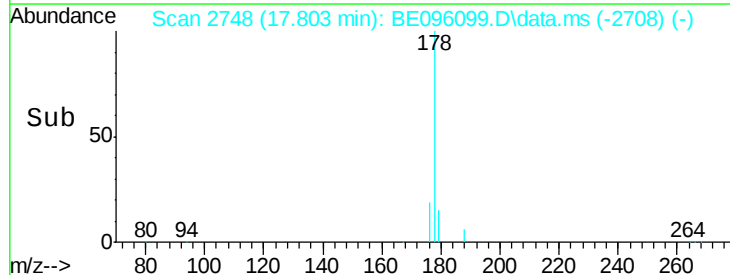
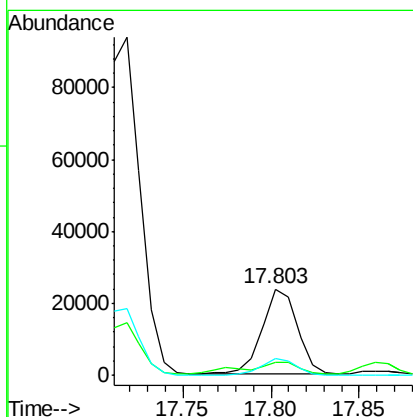
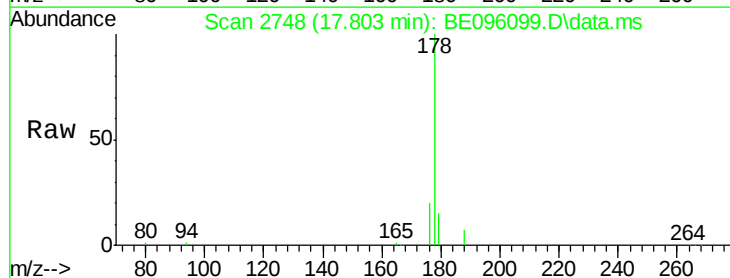
Tgt Ion:178 Resp: 33294

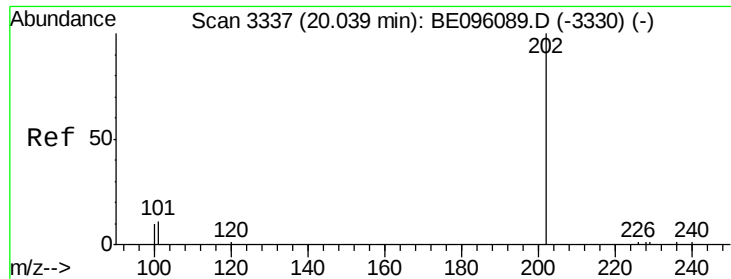
Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 19.6 13.6 20.4





#17

Pvrene

Concen: 641.88 ng/ul

RT: 20.041 min Scan# 33

Delta R.T. 0.001 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

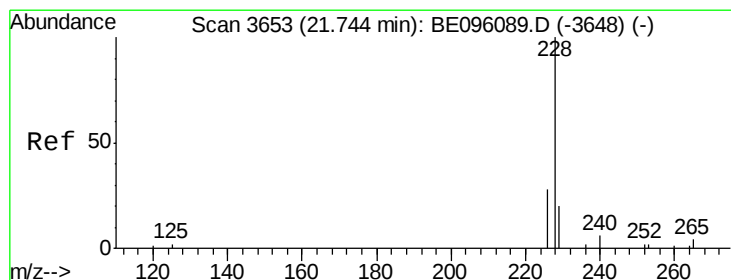
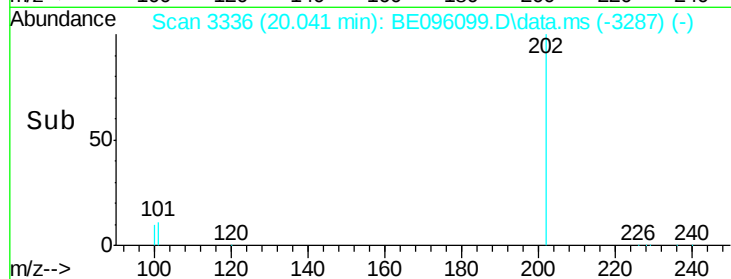
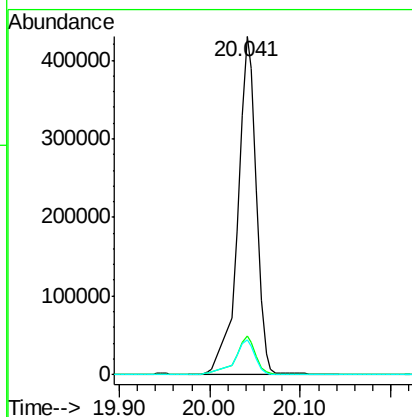
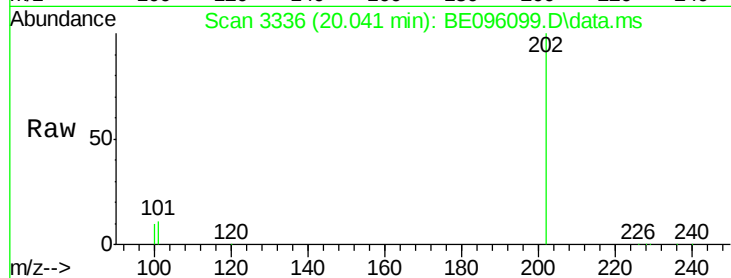
Tot Ion:202 Resp: 588910

Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

100 10.4 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 40.54 ng/ul

RT: 21.942 min Scan# 3680

Delta R.T. 0.198 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

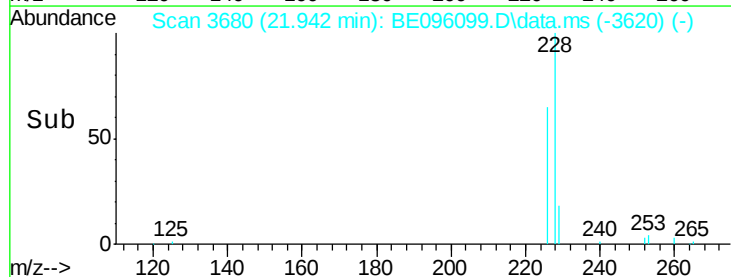
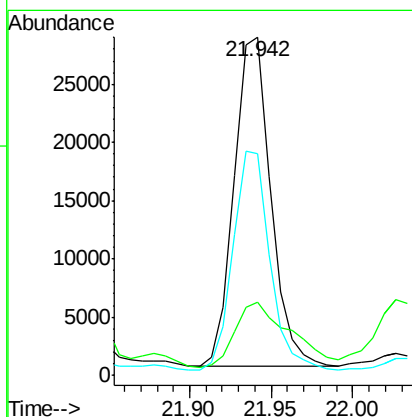
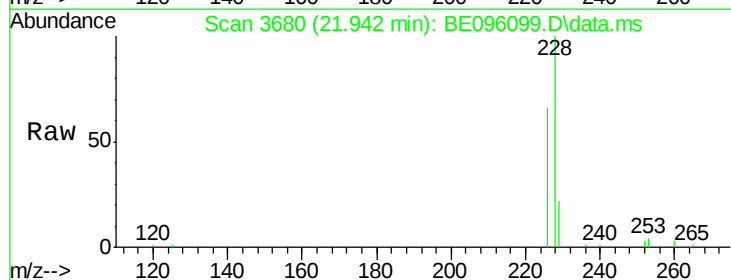
Tgt Ion:228 Resp: 44220

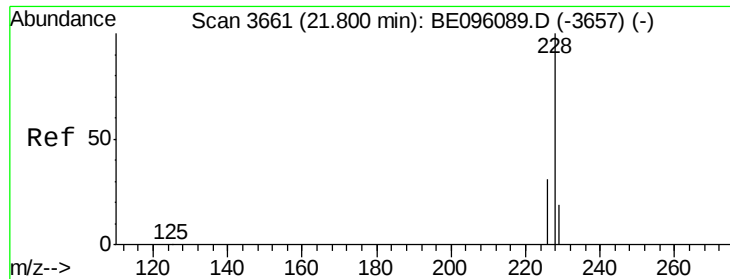
Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

226 65.6 17.0 25.6#





#19

Chrysene

Concen: 628.15 ng/ul

RT: 21.808 min Scan# 3661

Delta R.T. 0.001 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

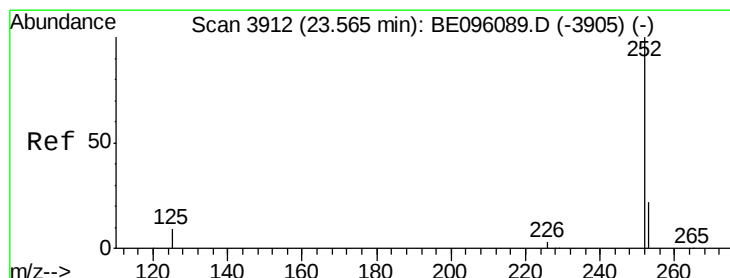
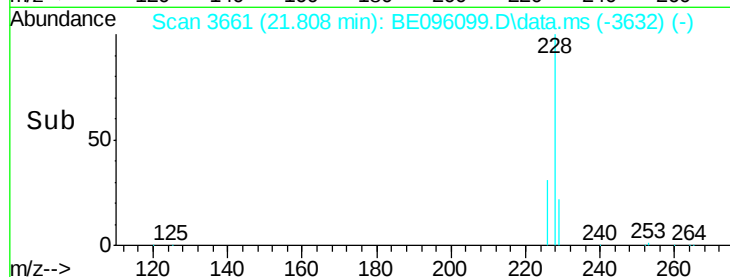
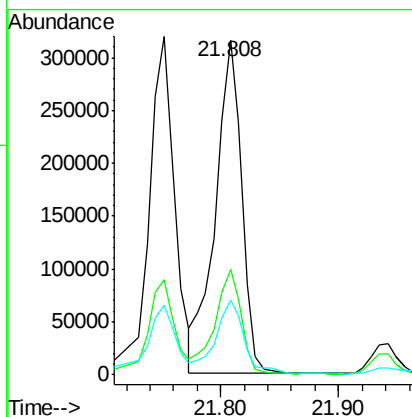
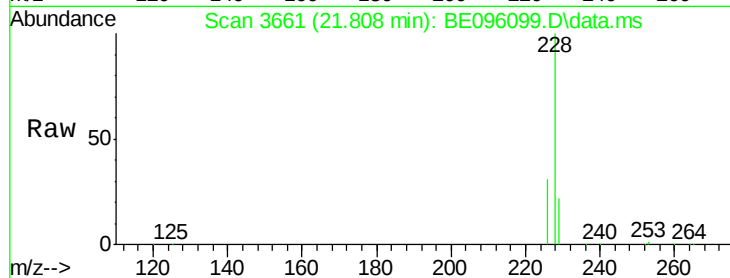
Tot Ion:228 Resp: 493146

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

229 22.4 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 7.94 ng/ul

RT: 23.777 min Scan# 3941

Delta R.T. 0.212 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

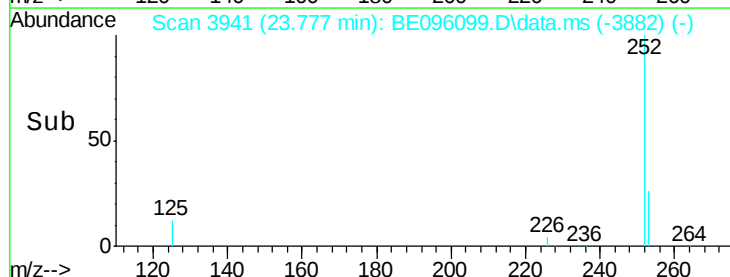
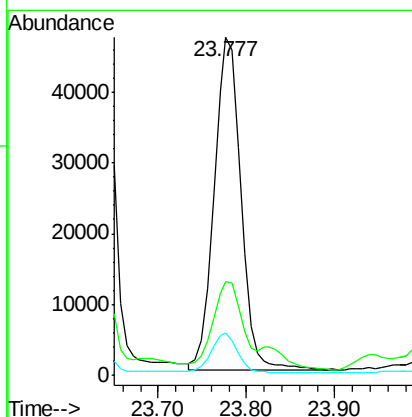
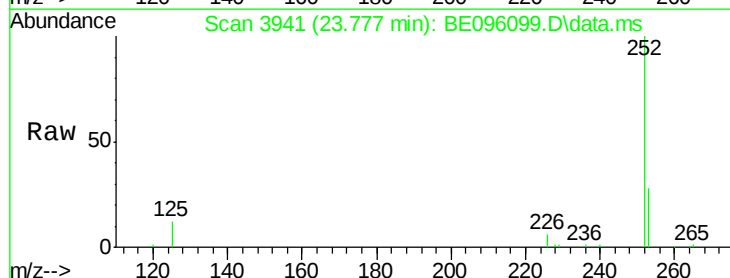
Tgt Ion:252 Resp: 99027

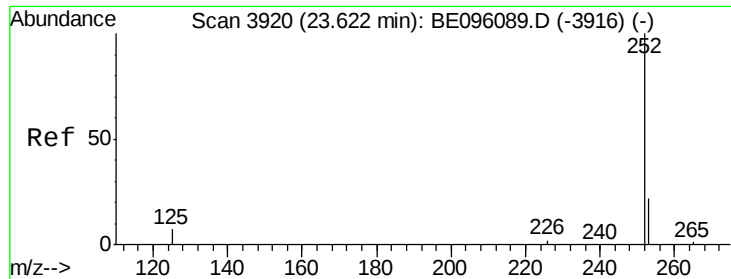
Ion Ratio Lower Upper

252 100

253 27.8 0.0 64.2

125 12.5 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 7.97 ng/ul

RT: 23.777 min Scan# 39

Delta R.T. 0.155 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5

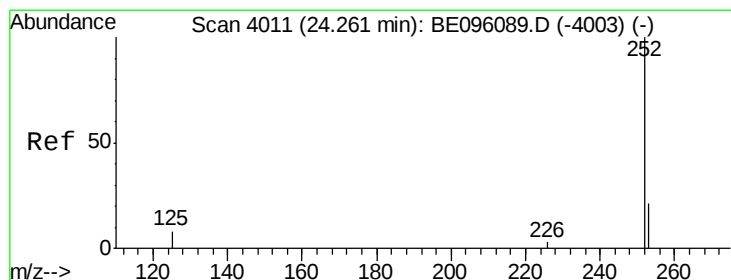
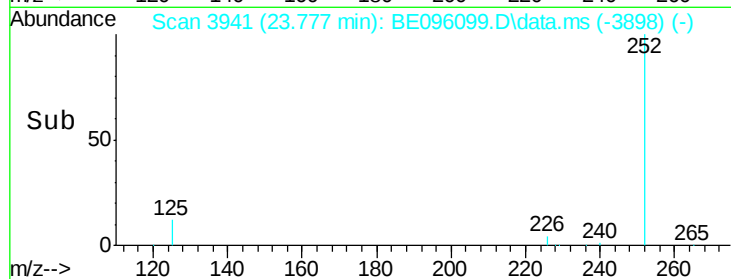
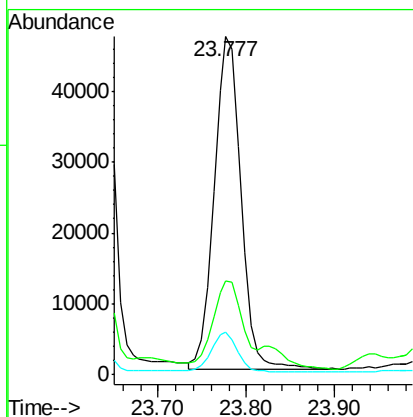
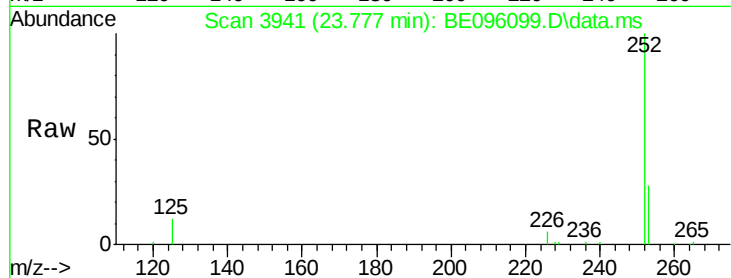
Tot Ion:252 Resp: 99027

Ion Ratio Lower Upper

252 100

253 27.8 24.5 36.7

125 12.5 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 14.82 ng/ul

RT: 24.445 min Scan# 4036

Delta R.T. 0.183 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

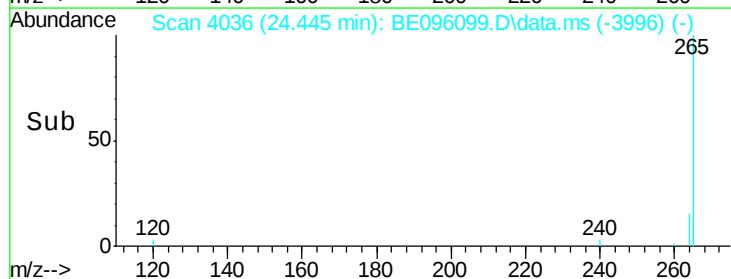
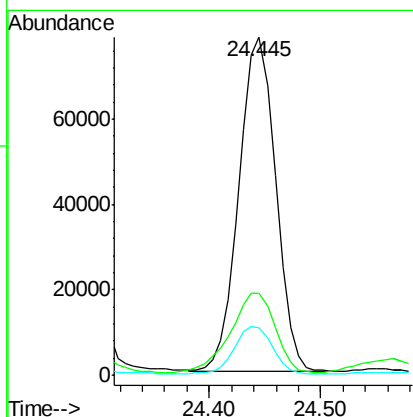
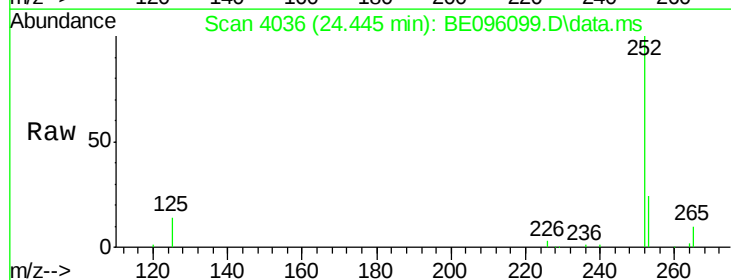
Tgt Ion:252 Resp: 178427

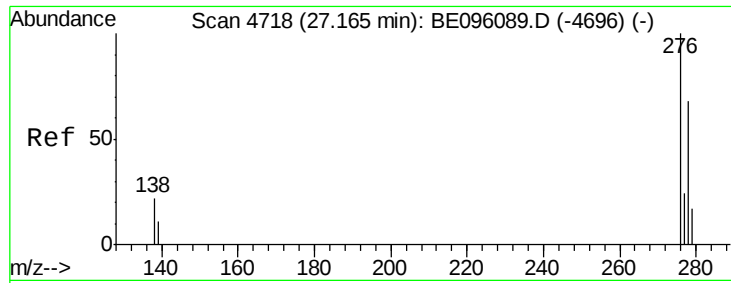
Ion Ratio Lower Upper

252 100

253 24.2 28.5 42.7#

125 13.9 18.1 27.1#

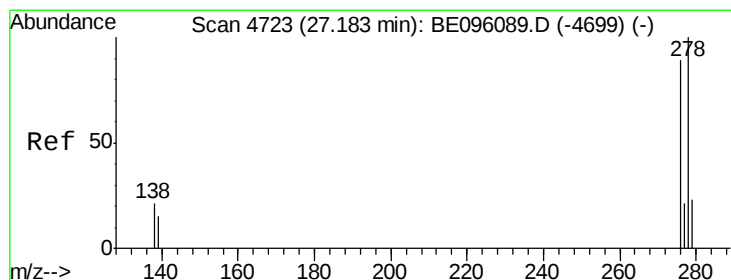
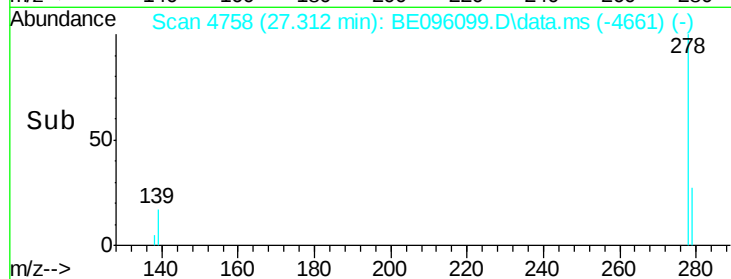
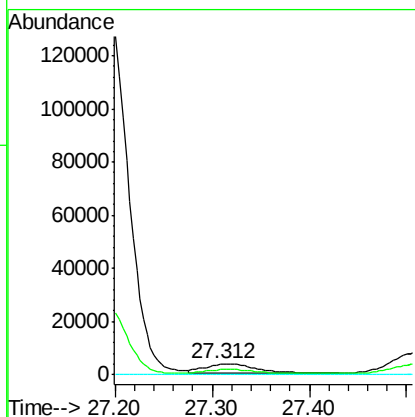
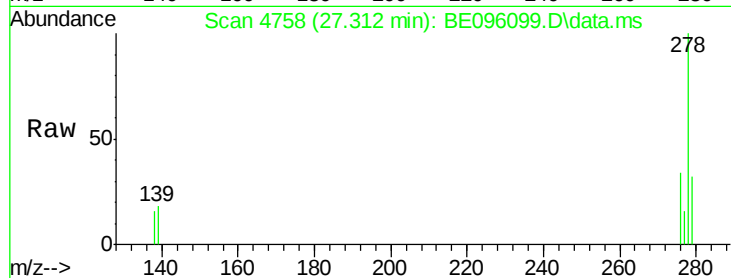




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.92 ng/ul
 RT: 27.312 min Scan# 47
 Delta R.T. 0.146 min
 Lab File: BE096099.D
 Acq: 23 Apr 2018 23:38

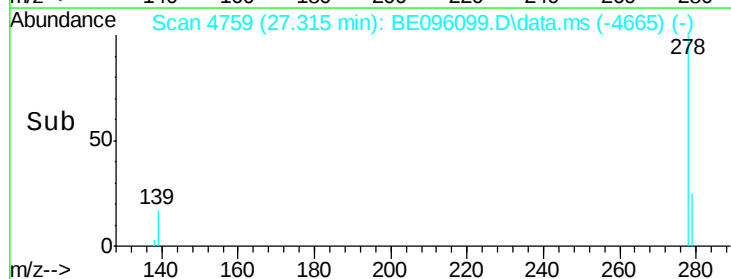
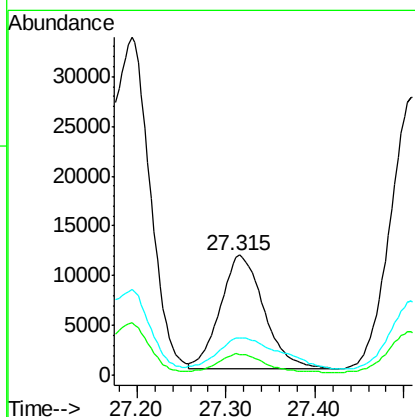
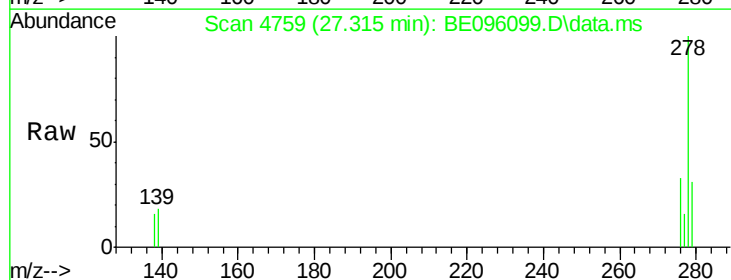
Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

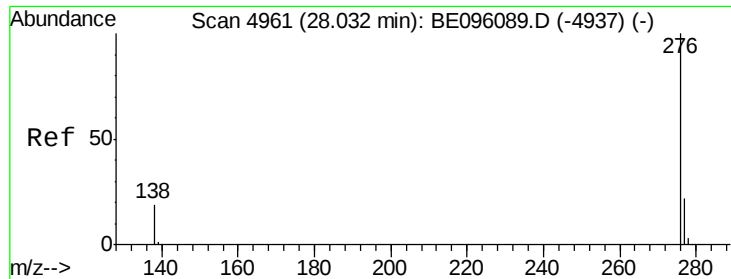
Tot Ion:276 Resp: 12270
 Ion Ratio Lower Upper
 276 100
 138 47.0 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 3.61 ng/ul
 RT: 27.315 min Scan# 4759
 Delta R.T. 0.136 min
 Lab File: BE096099.D
 Acq: 23 Apr 2018 23:38

Tgt Ion:278 Resp: 38880
 Ion Ratio Lower Upper
 278 100
 139 17.5 17.4 26.0
 279 31.5 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 30.14 ng/ul

RT: 28.068 min Scan# 49

Delta R.T. 0.028 min

Lab File: BE096099.D

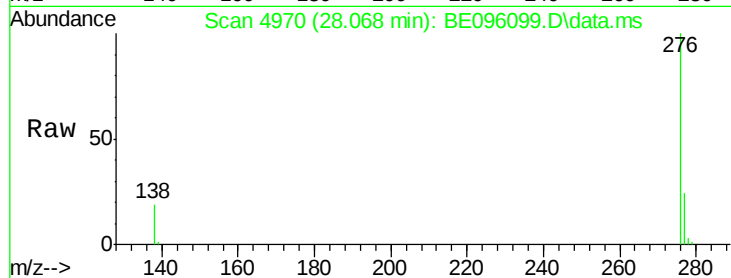
Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

C0AC5



Tot Ion:276 Resp: 336756

Ion Ratio Lower Upper

276 100

138 19.5 21.8 32.8#

277 24.2 20.5 30.7

