

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096101.D
 Acq On : 24 Apr 2018 00:49
 Operator : SJ/JU
 Sample : J2434-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB7

Quant Time: Apr 24 11:00:38 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)

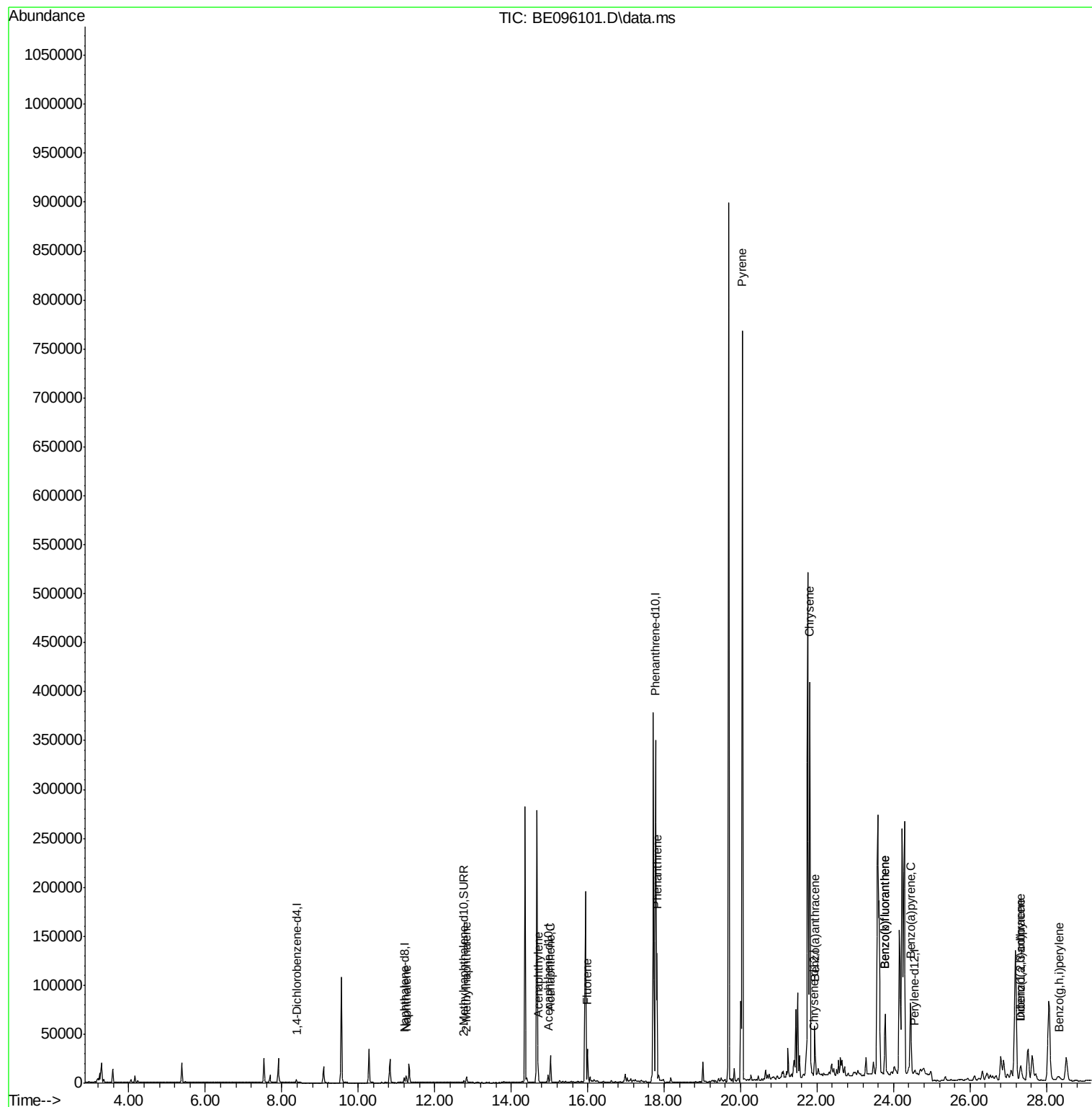
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	2365	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	6815	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.967	164	4053	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.776	188	412614	0.40	ng/ul	0.10
16) Chrysene-d12	21.913	240	310	0.40	ng/ul	0.15
20) Perylene-d12	24.557	264	2173	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.763	152	2640	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.709	212	151	0.00	ng/ul	0.05
Target Compounds						
					Ovalue	
3) Naphthalene	11.253	128	9818	0.52	ng/ul#	89
5) 2-Methylnaphthalene	12.834	142	4975	0.39	ng/ul	98
7) Acenaphthylene	14.697	152	20080	0.96	ng/ul	97
8) Acenaphthene	15.031	153	15918	1.06	ng/ul	95
9) Fluorene	15.995	166	22528	1.32	ng/ul#	92
12) Phenanthrene	17.811	178	135599	0.11	ng/ul#	89
17) Pyrene	20.045	202	938226	890.67	ng/ul#	77
18) Benzo(a)anthracene	21.941	228	39908	31.87	ng/ul#	52
19) Chrysene	21.807	228	410833	455.78	ng/ul	96
21) Benzo(b)fluoranthene	23.783	252	89667	12.75	ng/ul	91
22) Benzo(k)fluoranthene	23.783	252	89667	12.80	ng/ul#	93
23) Benzo(a)pyrene	24.444	252	109653	16.16	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.322	276	7592	1.01	ng/ul#	82
25) Dibenzo(a,h)anthracene	27.325	278	27861	4.59	ng/ul	98
26) Benzo(a,h,i)perylene	28.331	276	7392	1.17	ng/ul#	58

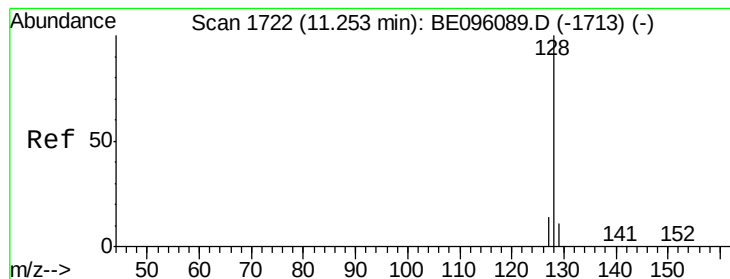
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
Data File : BE096101.D
Acq On : 24 Apr 2018 00:49
Operator : SJ/JU
Sample : J2434-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB7

Quant Time: Apr 24 11:00:38 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: 0.52 ng/ul

RT: 11.253 min Scan# 17

Delta R.T. 0.000 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

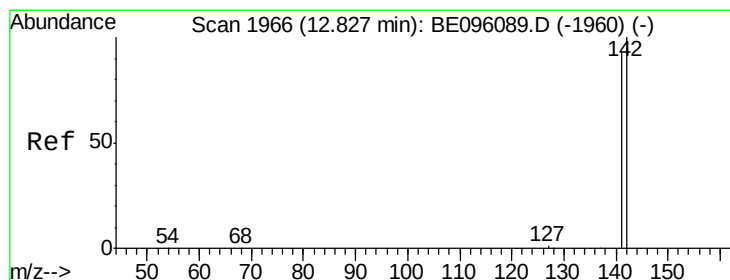
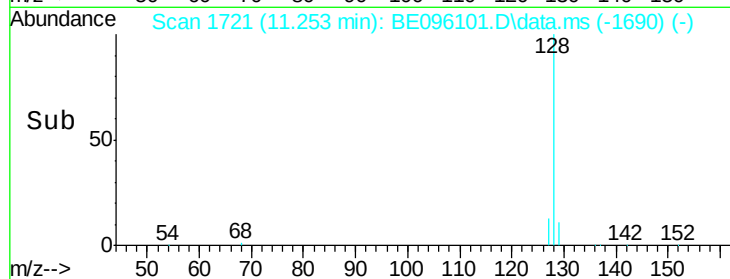
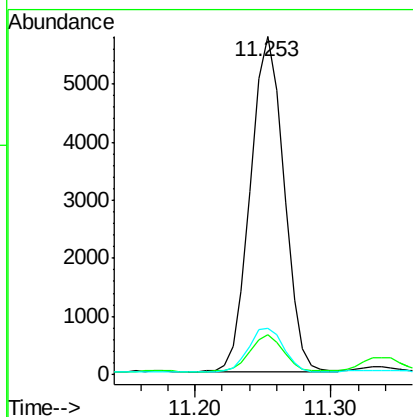
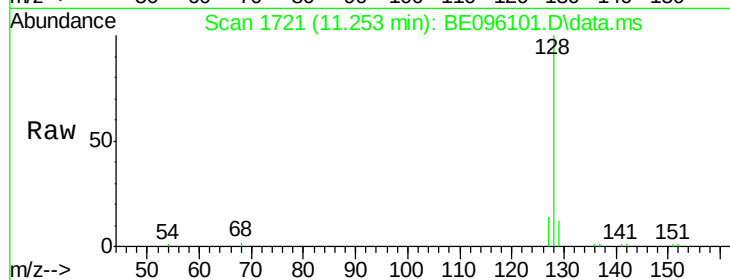
Tot Ion:128 Resp: 9818

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

127 13.7 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 12.834 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BE096101.D

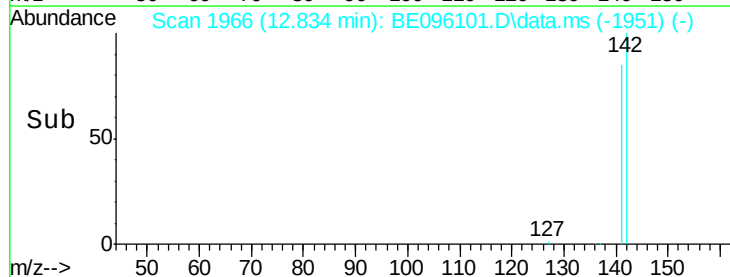
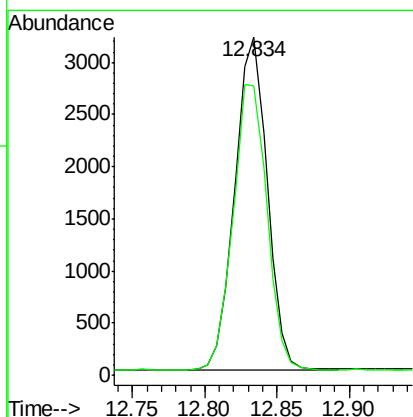
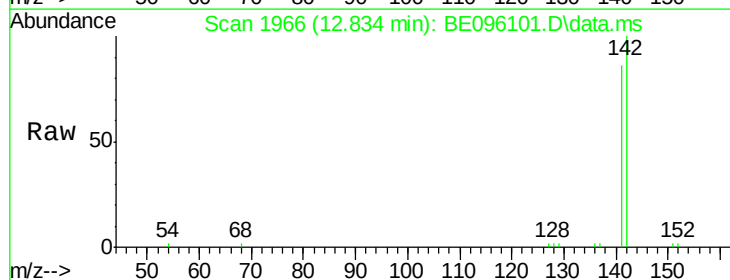
Acq: 24 Apr 2018 00:49

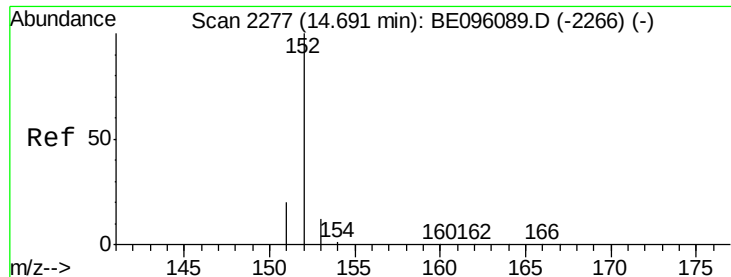
Tgt Ion:142 Resp: 4975

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.96 ng/ul

RT: 14.697 min Scan# 22

Delta R.T. 0.000 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

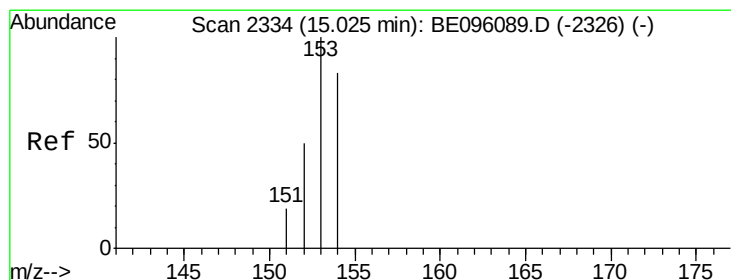
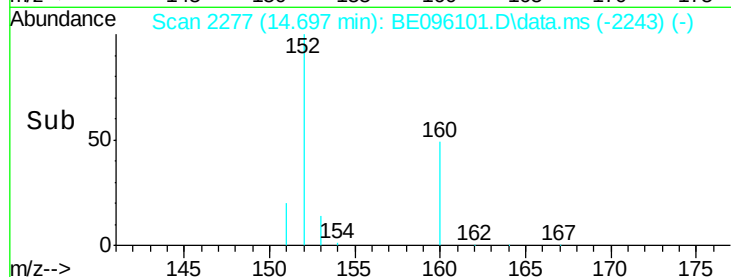
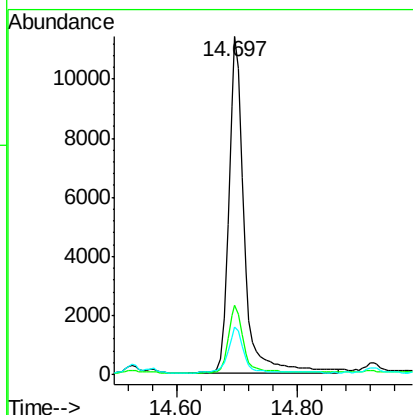
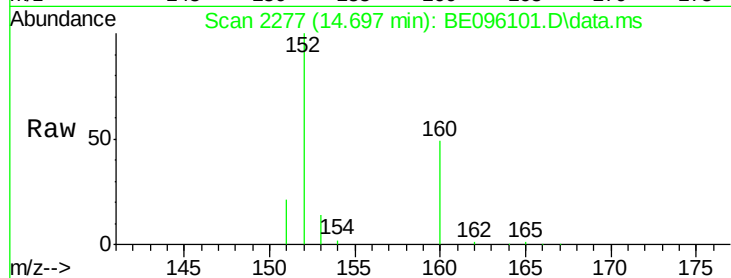
Tot Ion:152 Resp: 20080

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

153 14.1 12.8 19.2



#8

Acenaphthene

Concen: 1.06 ng/ul

RT: 15.031 min Scan# 2334

Delta R.T. -0.000 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

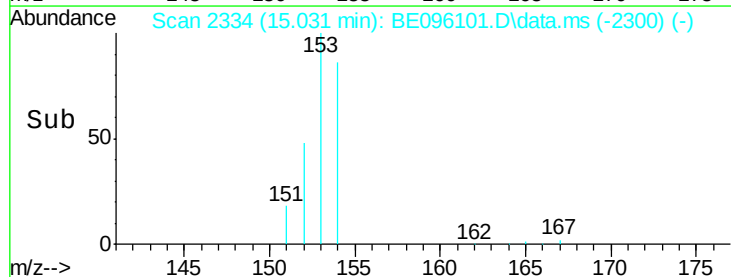
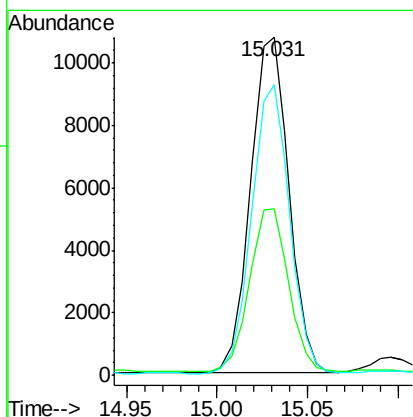
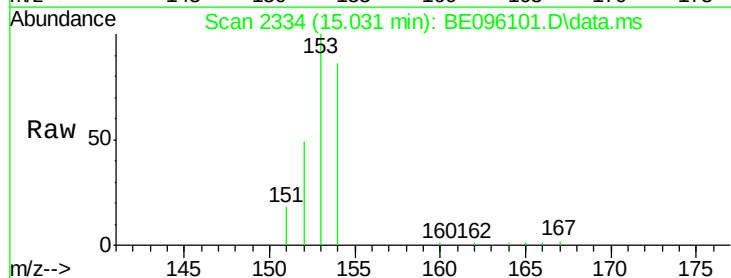
Tgt Ion:153 Resp: 15918

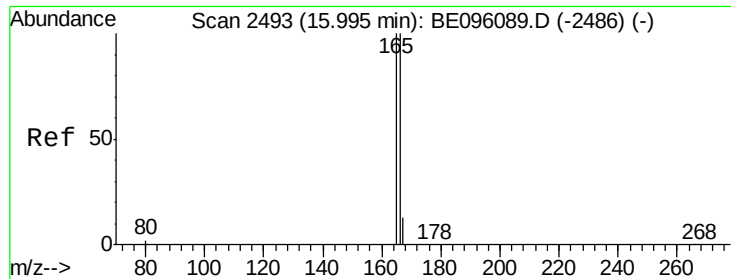
Ion Ratio Lower Upper

153 100

152 49.3 36.0 54.0

154 86.1 72.0 108.0





#9

Fluorene

Concen: 1.32 ng/ul

RT: 15.995 min Scan# 24

Delta R.T. 0.001 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

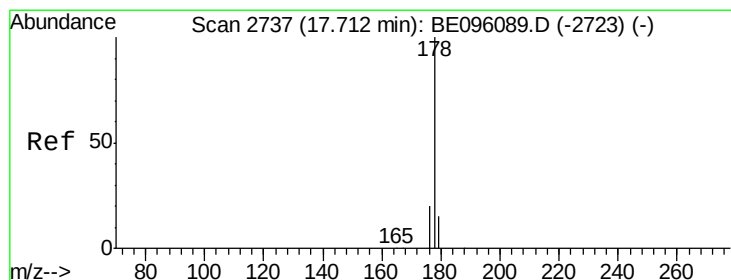
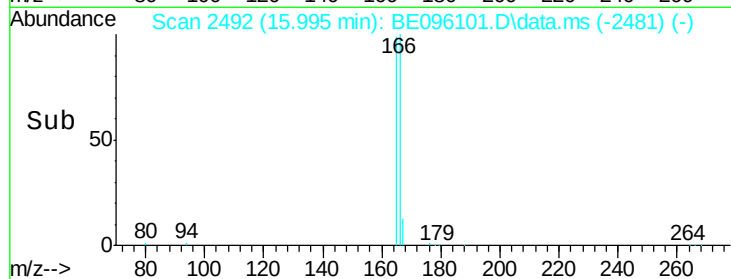
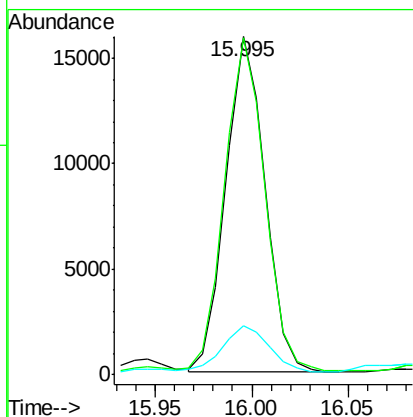
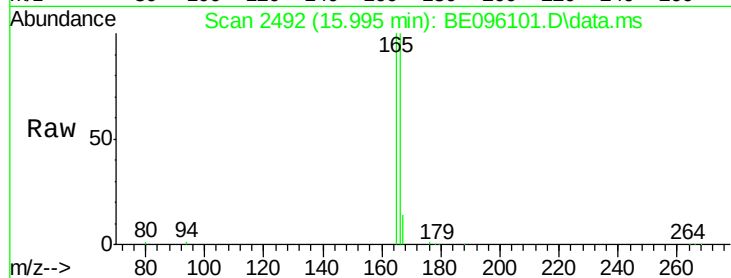
Tot Ion:166 Resp: 22528

Ion Ratio Lower Upper

166 100

165 99.7 73.4 110.2

167 14.3 14.6 22.0#



#12

Phenanthrene

Concen: 0.11 ng/ul

RT: 17.811 min Scan# 2750

Delta R.T. 0.093 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

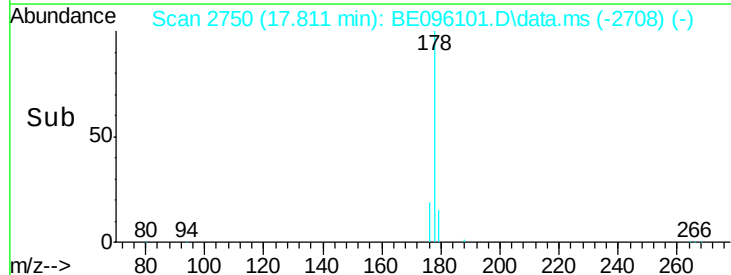
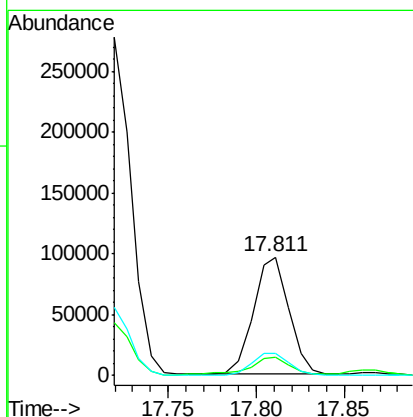
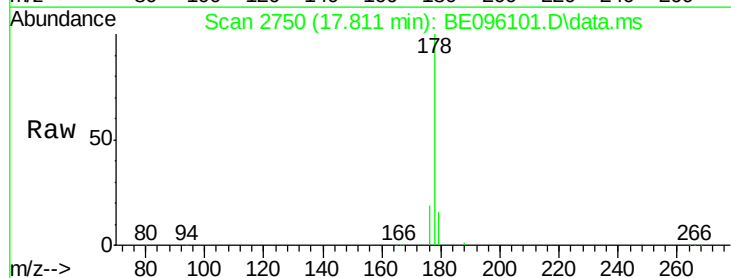
Tgt Ion:178 Resp: 135599

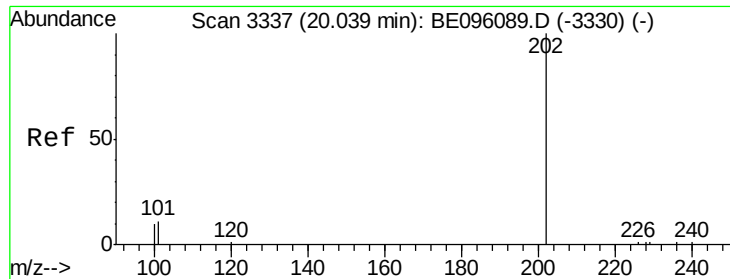
Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 18.9 13.6 20.4





#17

Pvrene

Concen: 890.67 ng/ul

RT: 20.045 min Scan# 33

Delta R.T. 0.005 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

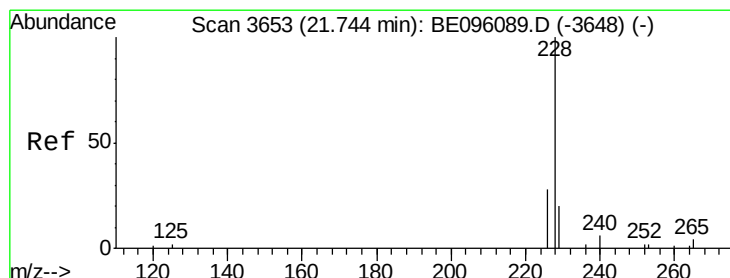
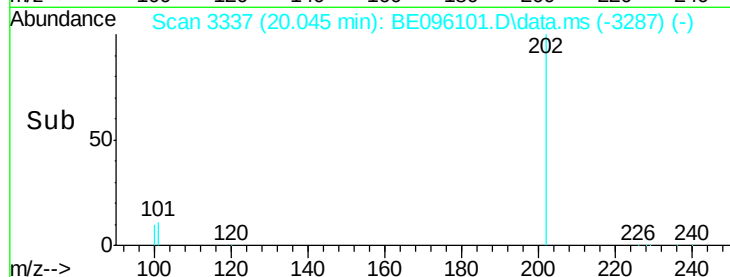
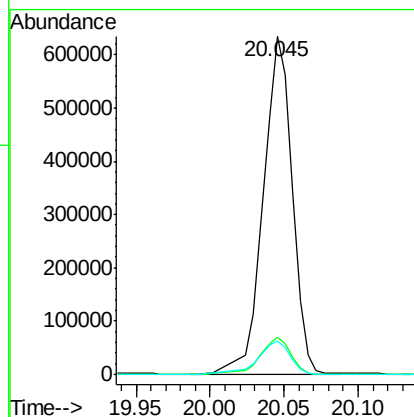
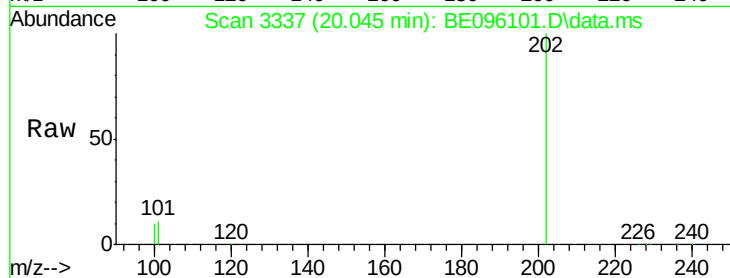
Tot Ion:202 Resp: 938226

Ion Ratio Lower Upper

202 100

101 10.9 18.2 27.4#

100 10.0 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 31.87 ng/ul

RT: 21.941 min Scan# 3680

Delta R.T. 0.197 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

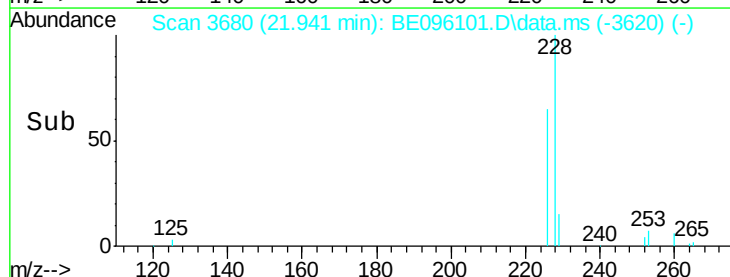
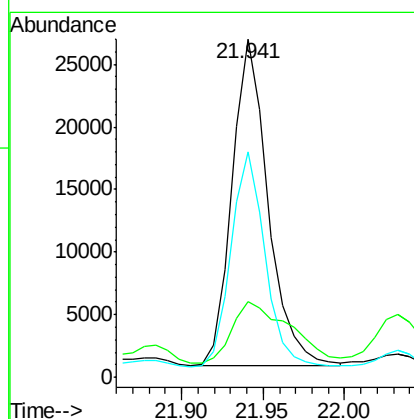
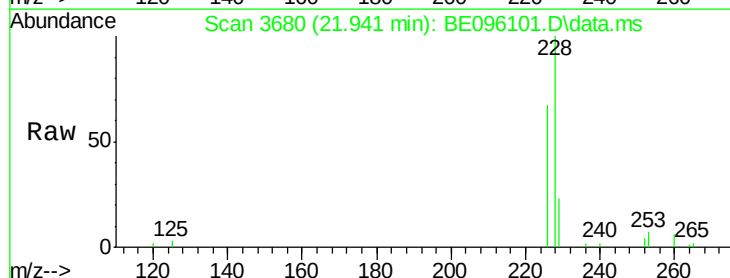
Tgt Ion:228 Resp: 39908

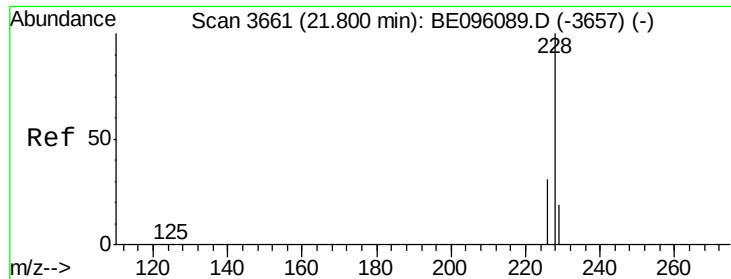
Ion Ratio Lower Upper

228 100

229 22.5 22.8 34.2#

226 66.7 17.0 25.6#





#19

Chrysene

Concen: 455.78 ng/ul

RT: 21.807 min Scan# 3661

Delta R.T. -0.000 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

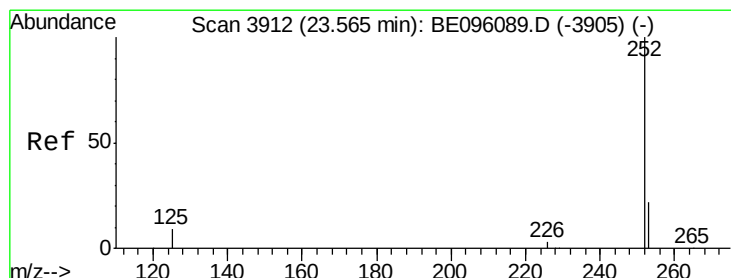
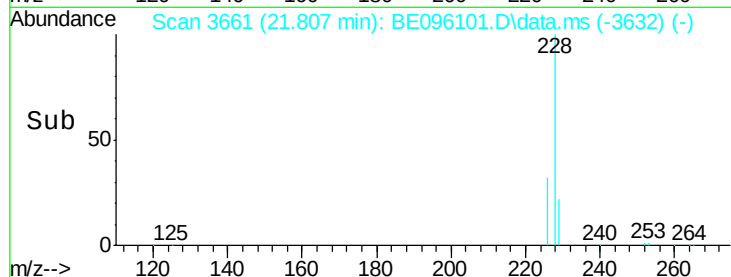
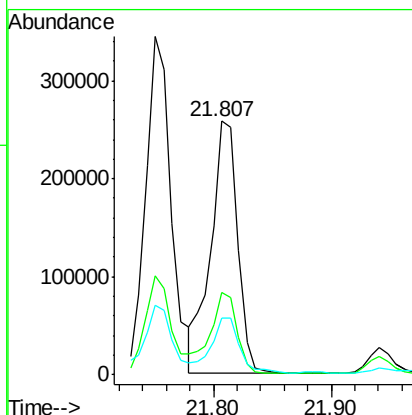
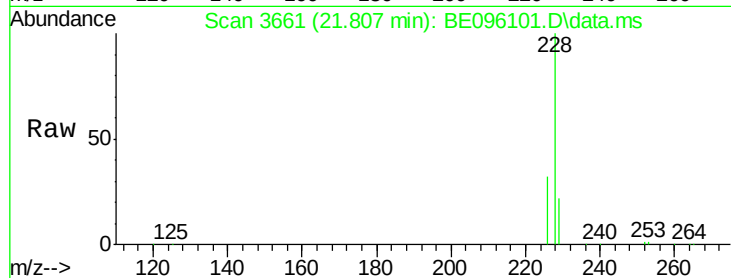
Tot Ion:228 Resp: 410833

Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.0

229 22.3 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 12.75 ng/ul

RT: 23.783 min Scan# 3942

Delta R.T. 0.218 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

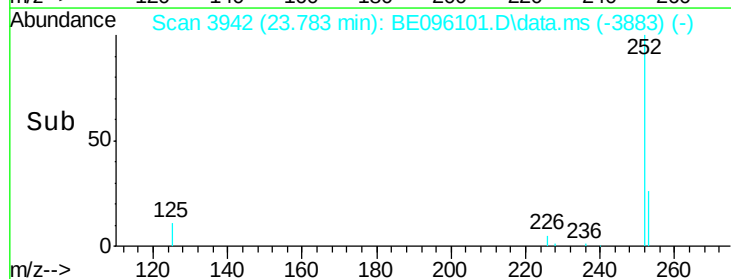
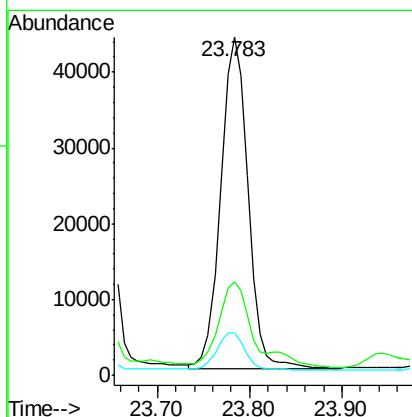
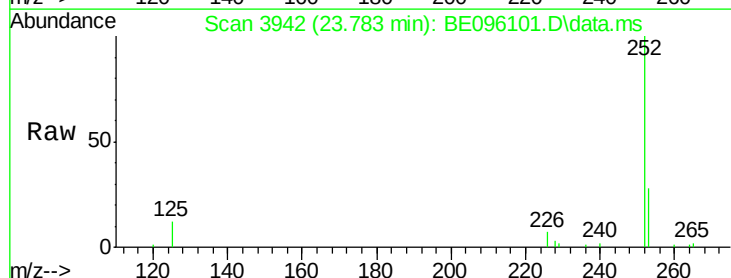
Tgt Ion:252 Resp: 89667

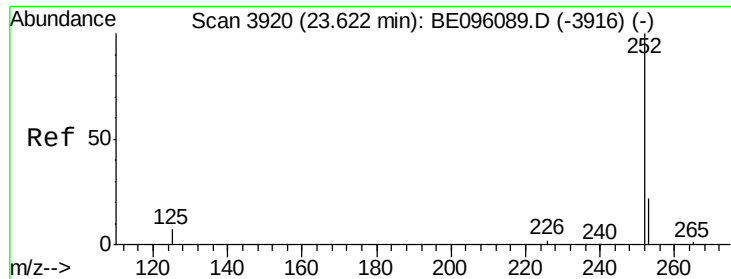
Ion Ratio Lower Upper

252 100

253 27.7 0.0 64.2

125 12.4 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 12.80 ng/ul

RT: 23.783 min Scan# 39

Delta R.T. 0.162 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

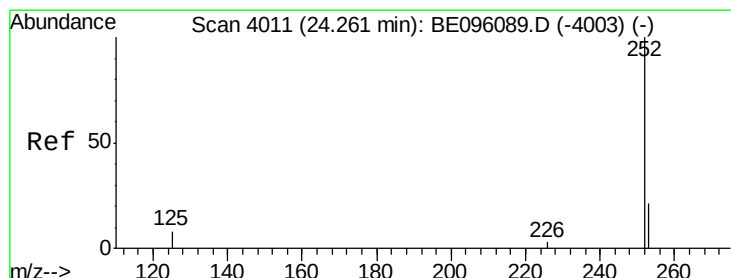
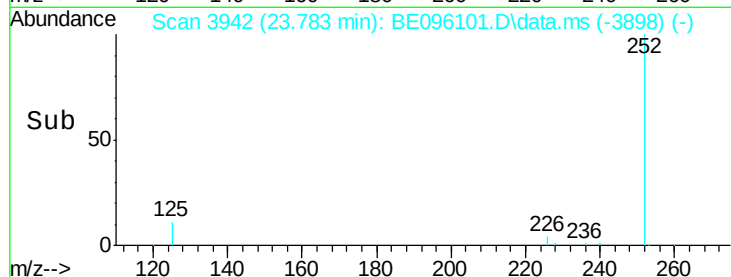
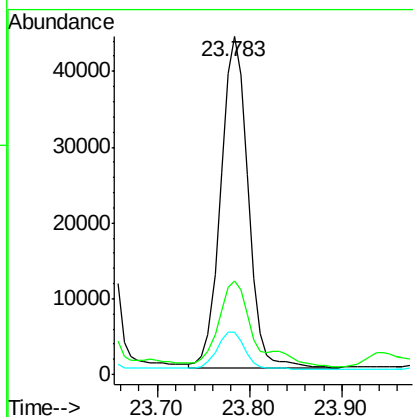
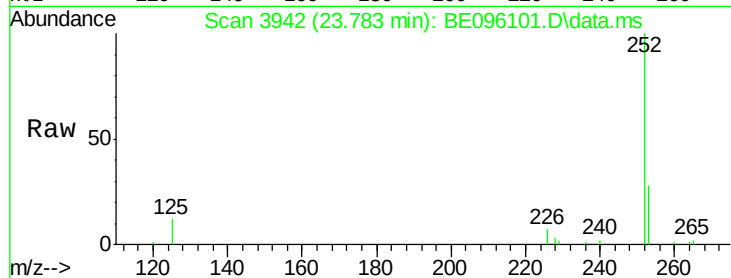
Tot Ion:252 Resp: 89667

Ion Ratio Lower Upper

252 100

253 27.7 24.5 36.7

125 12.4 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 16.16 ng/ul

RT: 24.444 min Scan# 4036

Delta R.T. 0.183 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

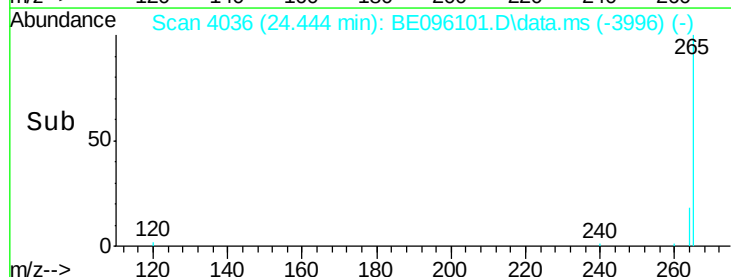
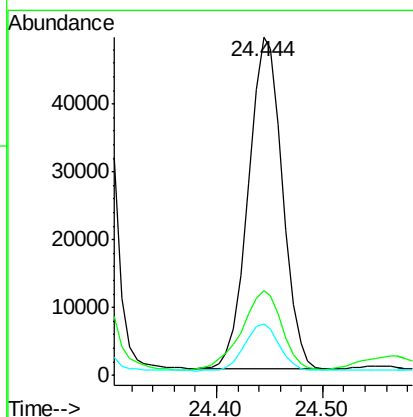
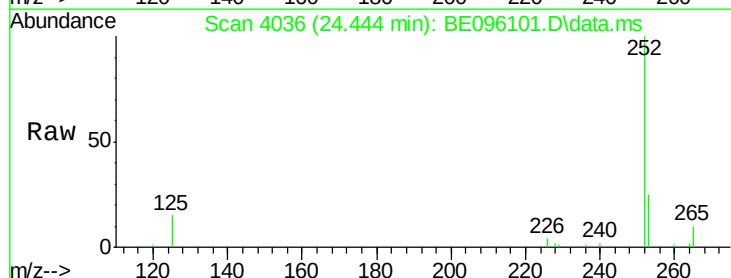
Tgt Ion:252 Resp: 109653

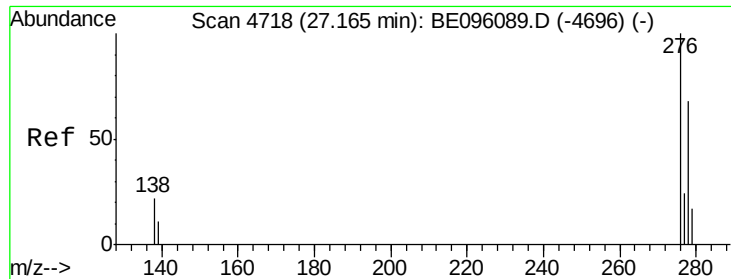
Ion Ratio Lower Upper

252 100

253 24.8 28.5 42.7#

125 15.2 18.1 27.1#

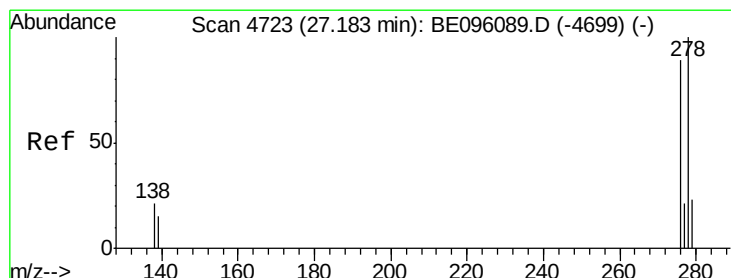
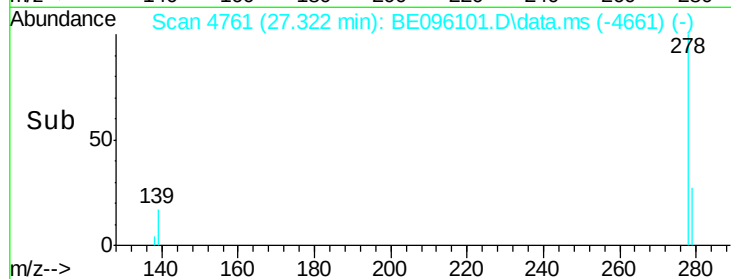
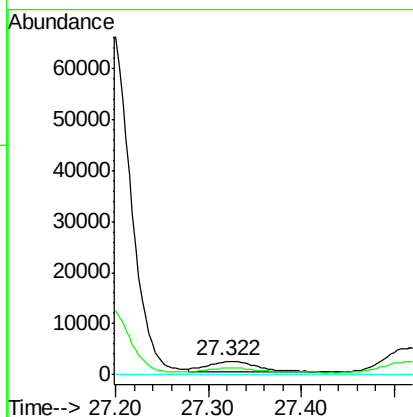
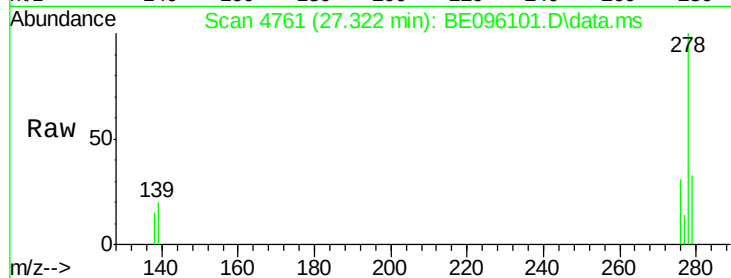




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.01 ng/ul
 RT: 27.322 min Scan# 47
 Delta R.T. 0.156 min
 Lab File: BE096101.D
 Acq: 24 Apr 2018 00:49

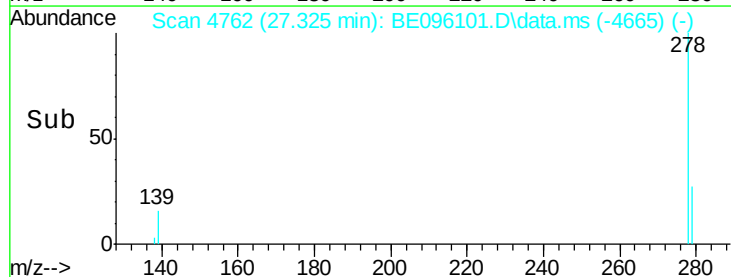
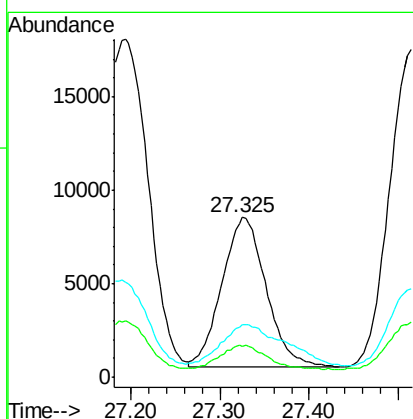
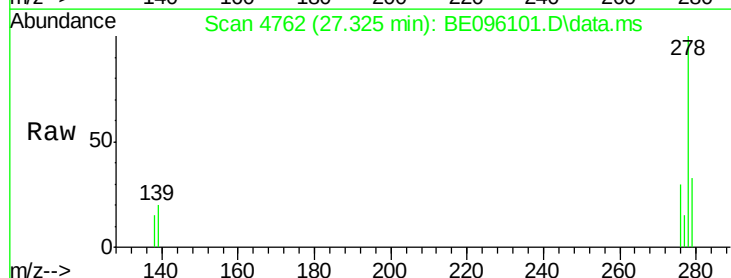
Instrument :
 BNA_E
 ClientSampleId :
 C0AB7

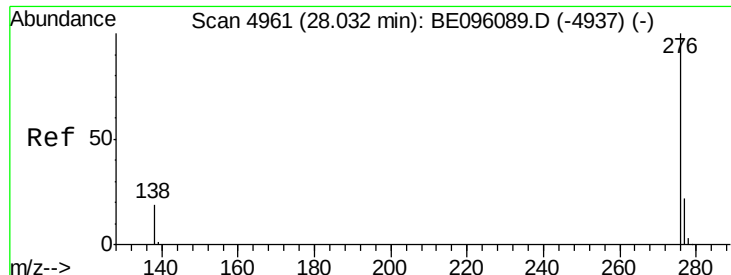
Tot Ion:276 Resp: 7592
 Ion Ratio Lower Upper
 276 100
 138 44.3 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 4.59 ng/ul
 RT: 27.325 min Scan# 4762
 Delta R.T. 0.145 min
 Lab File: BE096101.D
 Acq: 24 Apr 2018 00:49

Tgt Ion:278 Resp: 27861
 Ion Ratio Lower Upper
 278 100
 139 19.7 17.4 26.0
 279 33.1 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.17 ng/ul

RT: 28.331 min Scan# 50

Delta R.T. 0.292 min

Lab File: BE096101.D

Acq: 24 Apr 2018 00:49

Instrument :

BNA_E

ClientSampleId :

C0AB7

Tot Ion:276 Resp: 7392

Ion Ratio Lower Upper

276 100

138 35.2 21.8 32.8#

277 61.7 20.5 30.7#

