

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096102.D
 Acq On : 24 Apr 2018 1:25
 Operator : SJ/JU
 Sample : J2434-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Quant Time: Apr 24 11:00:57 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)

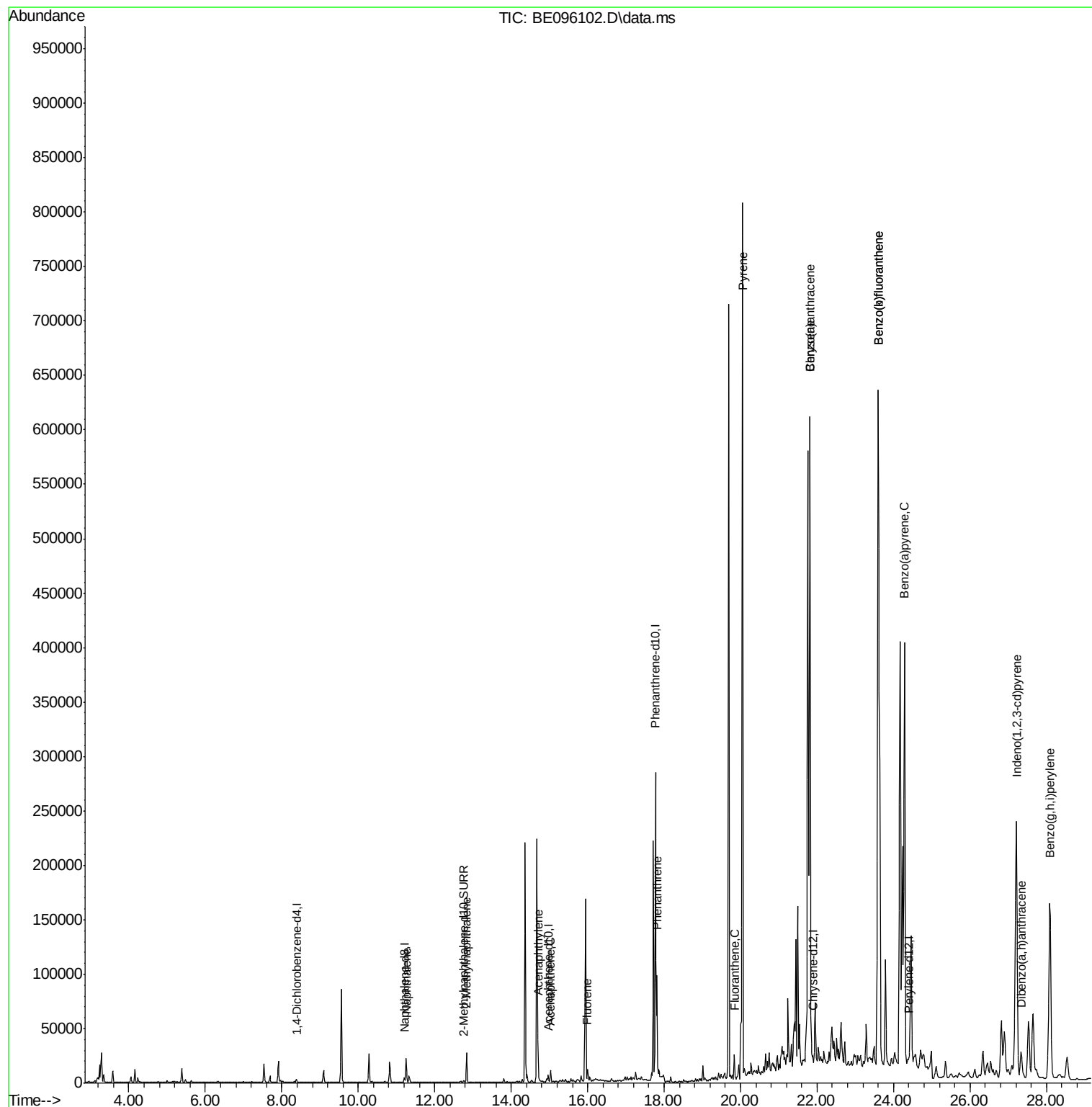
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	2209	0.40	ng/ul	0.00
2) Naphthalene-d8	11.203	136	6181	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.971	164	3784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.774	188	324937	0.40	ng/ul	0.10
16) Chrysene-d12	21.886	240	374	0.40	ng/ul	0.12
20) Perylene-d12	24.403	264	11370	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.764	152	2154	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.816	212	163	0.00	ng/ul	0.16
Target Compounds						
					Ovalue	
3) Naphthalene	11.254	128	29440	1.71	ng/ul#	89
5) 2-Methylnaphthalene	12.835	142	23012	1.97	ng/ul	100
7) Acenaphthylene	14.701	152	50091	2.55	ng/ul	96
8) Acenaphthene	15.030	153	5912	0.42	ng/ul#	90
9) Fluorene	15.994	166	8877	0.56	ng/ul	88
12) Phenanthrene	17.810	178	113613	0.12	ng/ul#	89
15) Fluoranthene	19.834	202	27278	0.02	ng/ul	84
17) Pyrene	20.051	202	1044012	821.50	ng/ul#	75
18) Benzo(a)anthracene	21.815	228	690567	457.04	ng/ul#	83
19) Chrysene	21.815	228	689475	634.02	ng/ul	95
21) Benzo(b)fluoranthene	23.601	252	1637857	44.52	ng/ul	83
22) Benzo(k)fluoranthene	23.601	252	1637857	44.69	ng/ul#	84
23) Benzo(a)pyrene	24.290	252	603300	16.99	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.215	276	449075	11.38	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.337	278	38026	1.20	ng/ul	98
26) Benzo(a,h,i)perylene	28.089	276	414836	12.59	ng/ul#	90

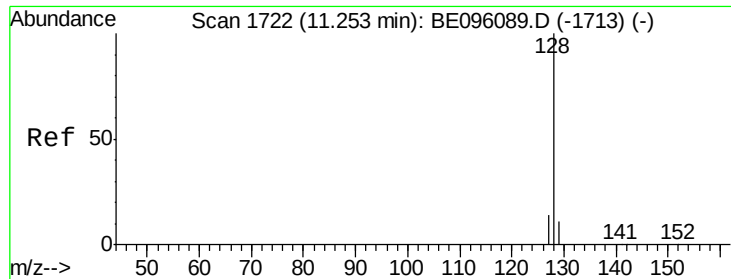
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.71 ng/ul

RT: 11.254 min Scan# 17

Delta R.T. 0.001 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

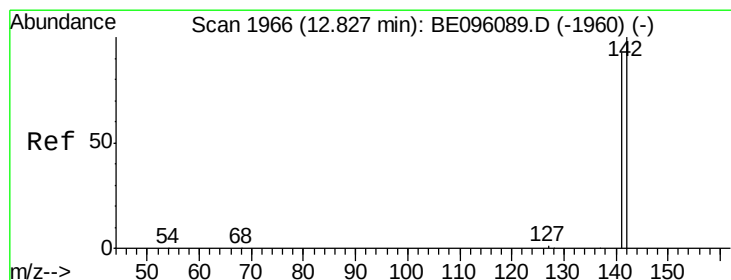
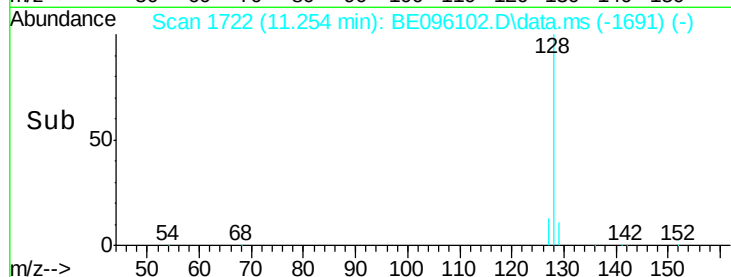
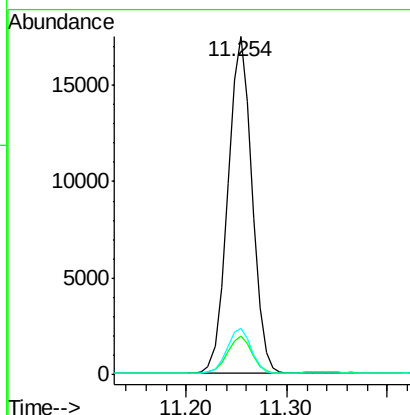
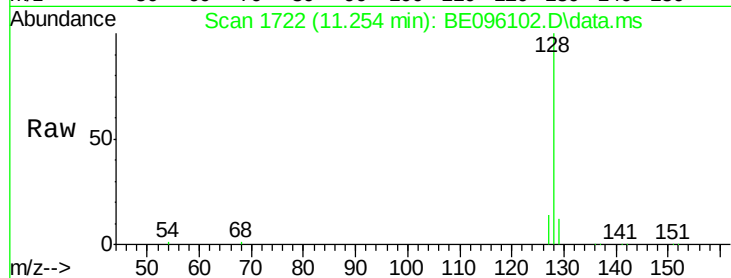
Tot Ion:128 Resp: 29440

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 13.6 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 1.97 ng/ul

RT: 12.835 min Scan# 1967

Delta R.T. 0.001 min

Lab File: BE096102.D

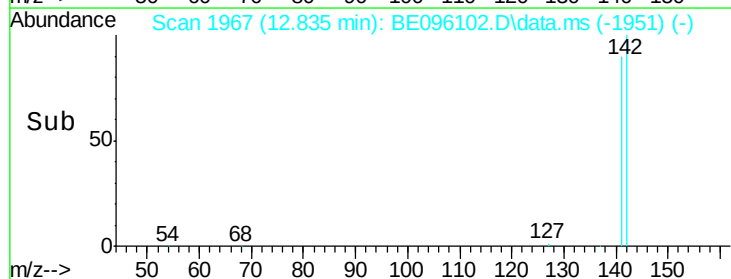
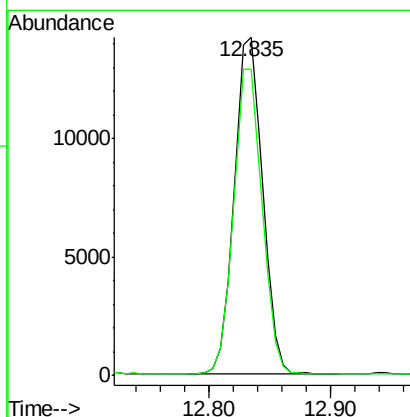
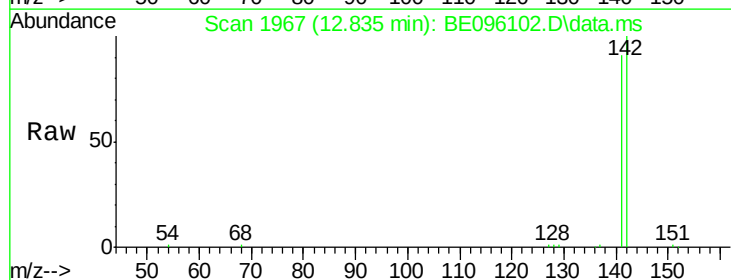
Acq: 24 Apr 2018 1:25

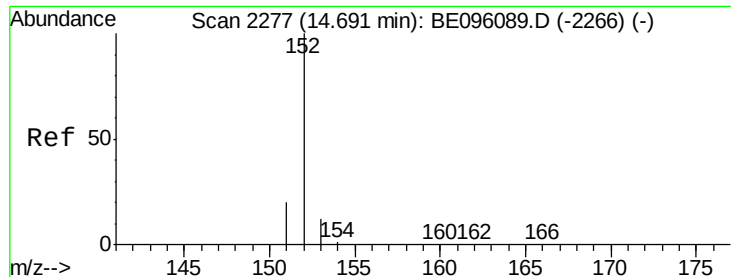
Tgt Ion:142 Resp: 23012

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8





#7

Acenaphthylene

Concen: 2.55 ng/ul

RT: 14.701 min Scan# 22

Delta R.T. 0.004 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

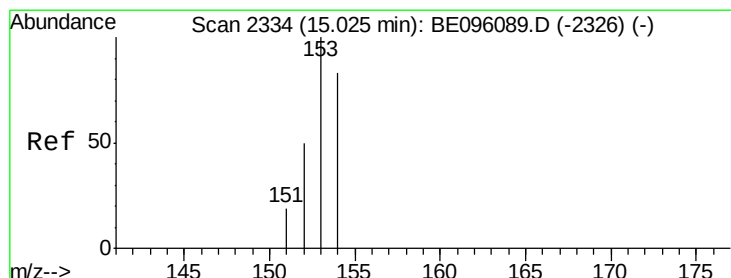
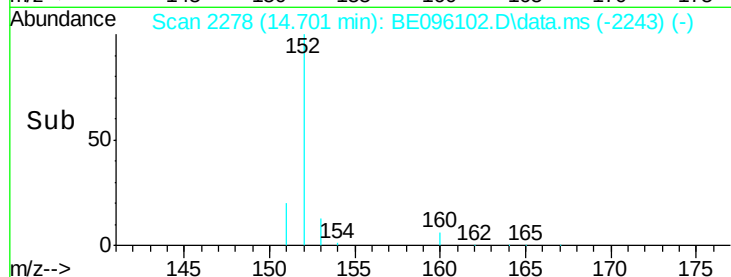
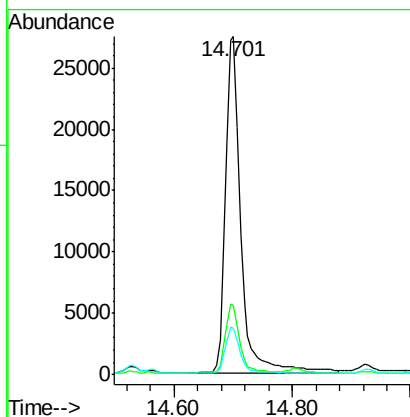
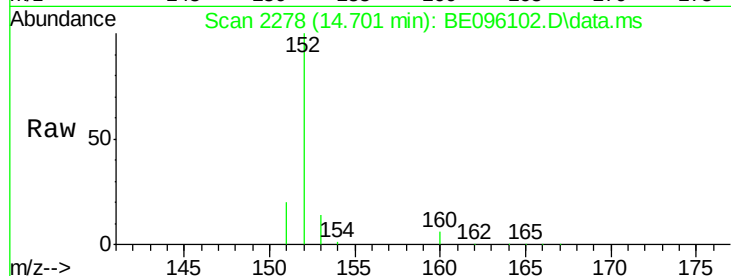
Tot Ion:152 Resp: 50091

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

153 13.7 12.8 19.2



#8

Acenaphthene

Concen: 0.42 ng/ul

RT: 15.030 min Scan# 2334

Delta R.T. -0.001 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

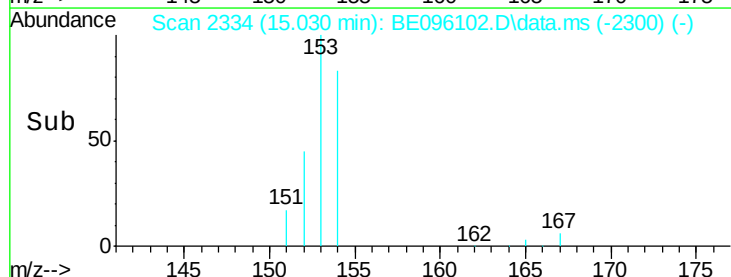
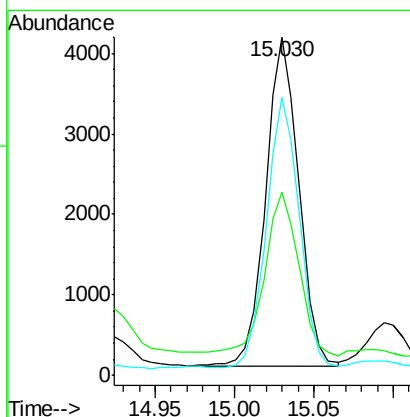
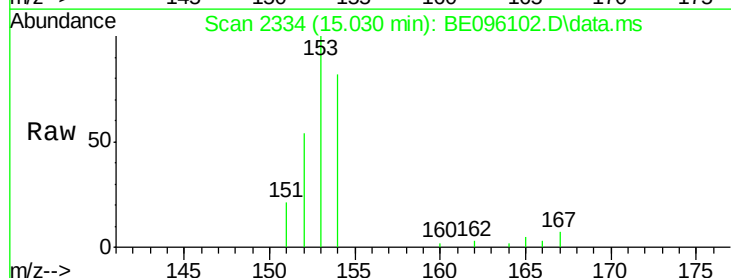
Tgt Ion:153 Resp: 5912

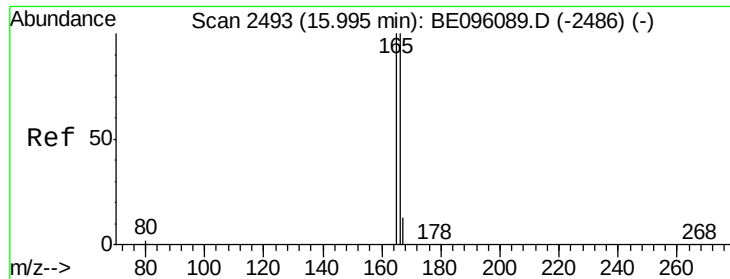
Ion Ratio Lower Upper

153 100

152 54.3 36.0 54.0#

154 82.3 72.0 108.0





#9

Fluorene

Concen: 0.56 ng/ul

RT: 15.994 min Scan# 24

Delta R.T. -0.000 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

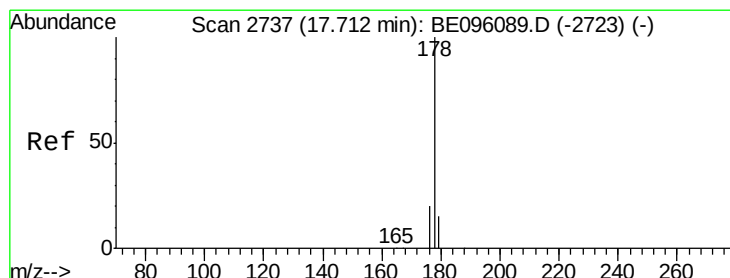
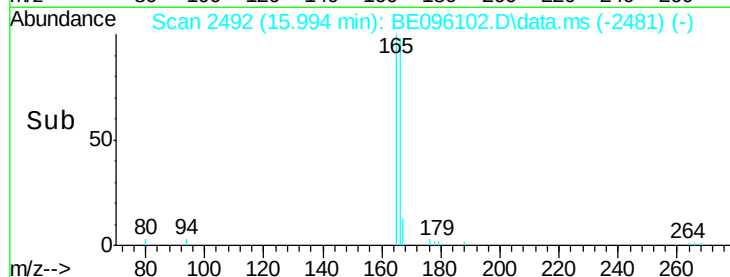
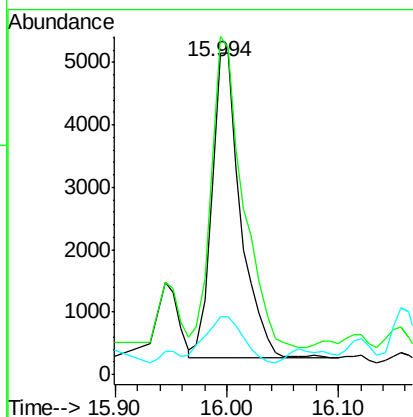
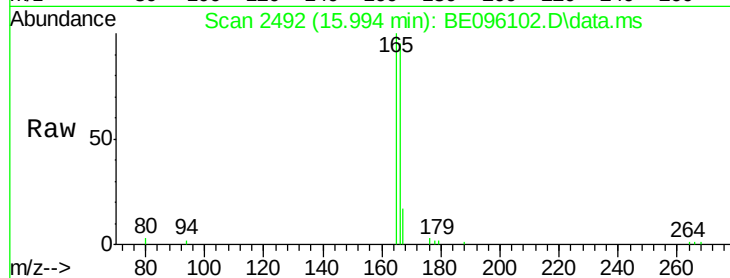
Tot Ion:166 Resp: 8877

Ion Ratio Lower Upper

166 100

165 105.0 73.4 110.2

167 17.8 14.6 22.0



#12

Phenanthrene

Concen: 0.12 ng/ul

RT: 17.810 min Scan# 2750

Delta R.T. 0.091 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

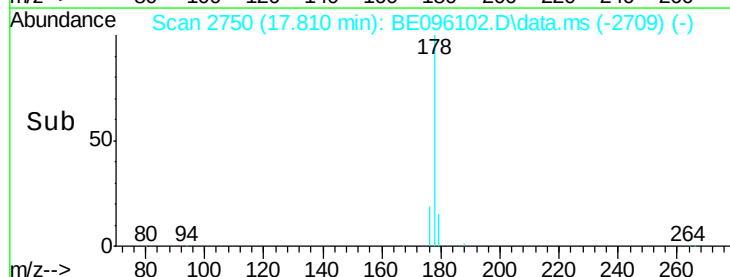
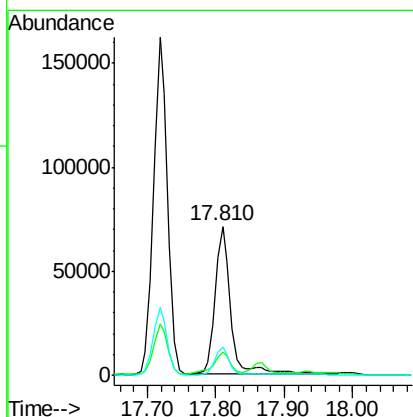
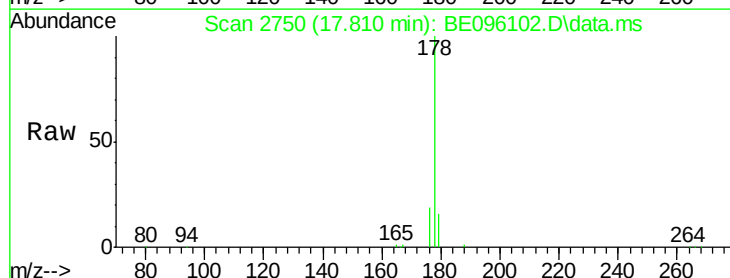
Tgt Ion:178 Resp: 113613

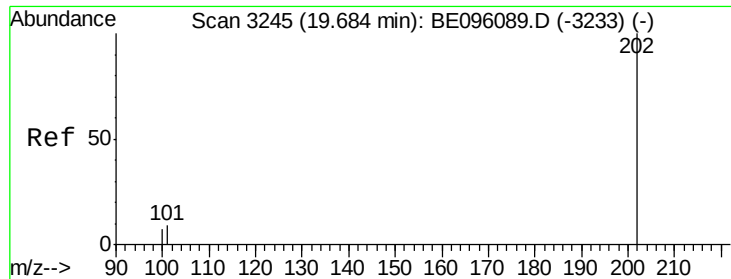
Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

176 19.4 13.6 20.4





#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.834 min Scan# 32

Delta R.T. 0.150 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

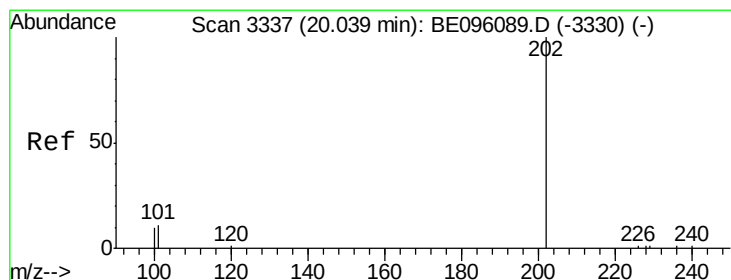
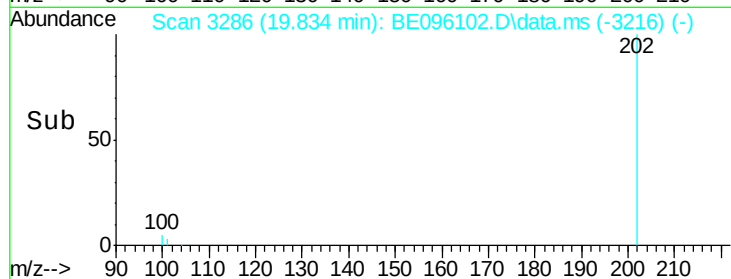
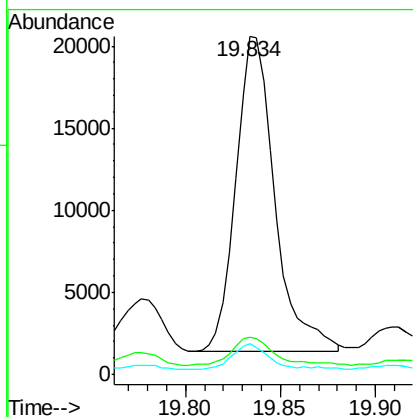
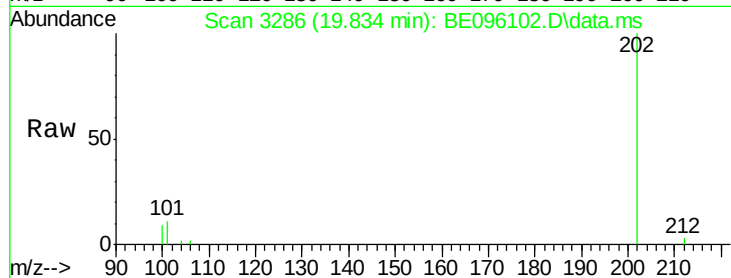
Tot Ion:202 Resp: 27278

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

100 9.0 0.0 39.5



#17

Pyrene

Concen: 821.50 ng/ul

RT: 20.051 min Scan# 3339

Delta R.T. 0.011 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

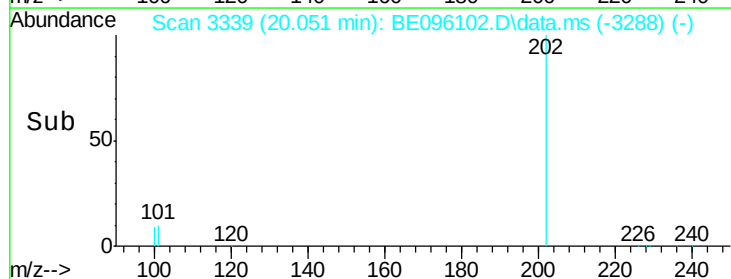
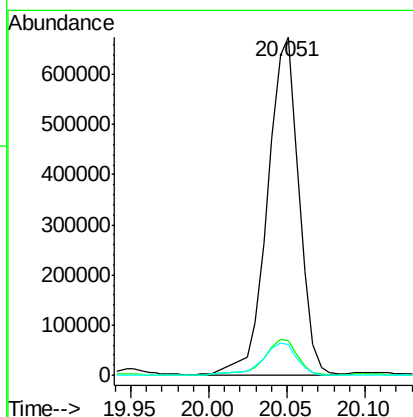
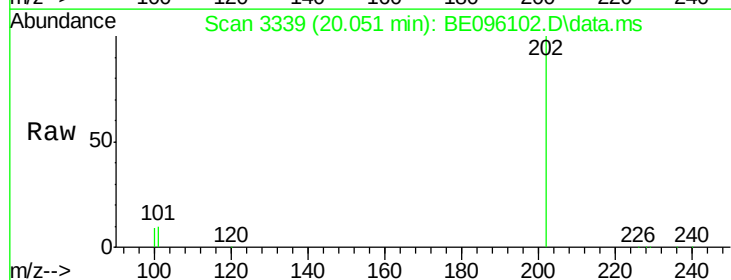
Tgt Ion:202 Resp: 1044012

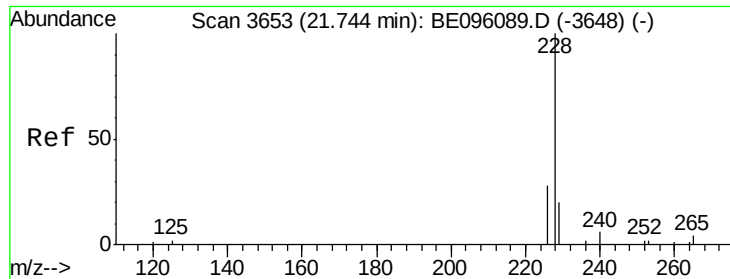
Ion Ratio Lower Upper

202 100

101 10.3 18.2 27.4#

100 9.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 457.04 ng/ul

RT: 21.815 min Scan# 3663

Delta R.T. 0.071 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

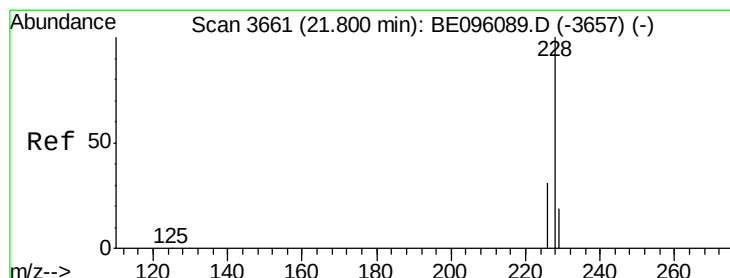
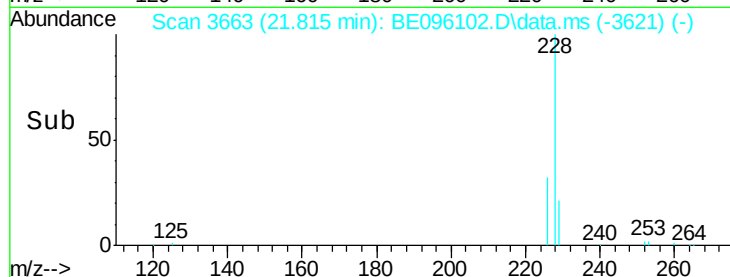
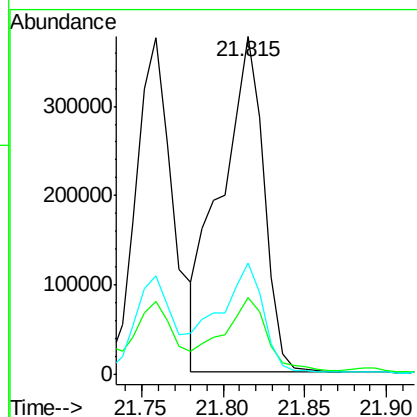
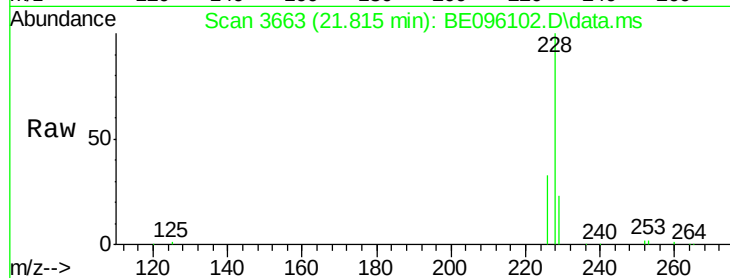
Tot Ion:228 Resp: 690567

Ion Ratio Lower Upper

228 100

229 22.7 22.8 34.2#

226 33.0 17.0 25.6#



#19

Chrysene

Concen: 634.02 ng/ul

RT: 21.815 min Scan# 3663

Delta R.T. 0.008 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

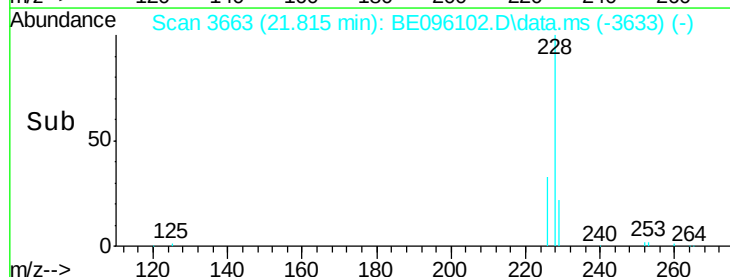
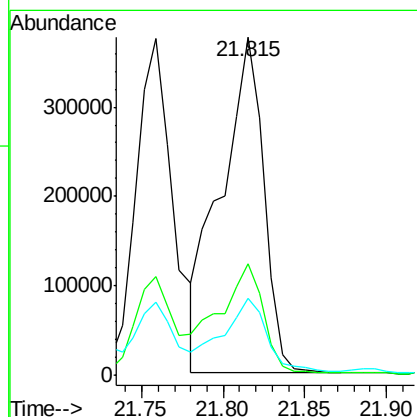
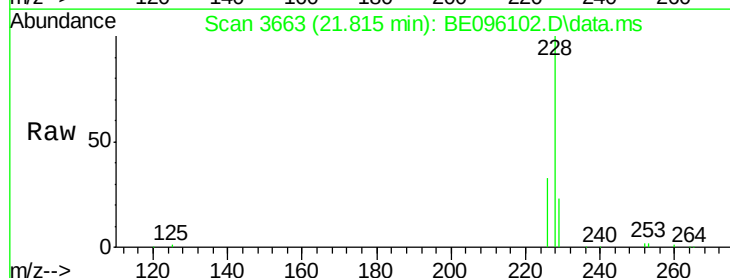
Tgt Ion:228 Resp: 689475

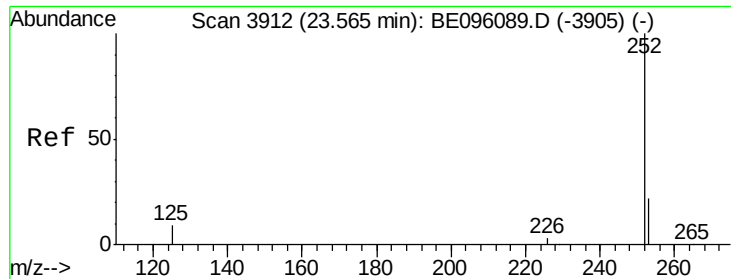
Ion Ratio Lower Upper

228 100

226 33.0 23.4 35.0

229 22.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 44.52 ng/ul

RT: 23.601 min Scan# 3917

Delta R.T. 0.036 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

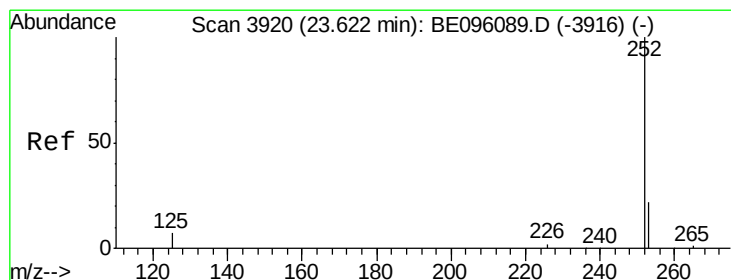
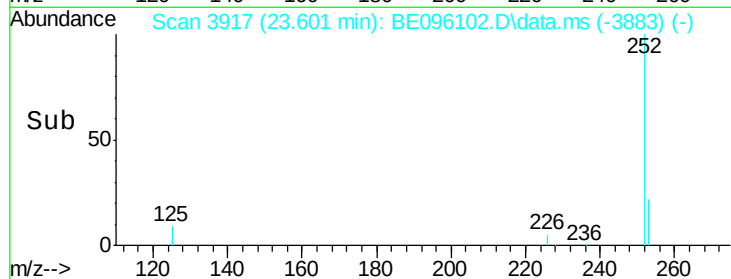
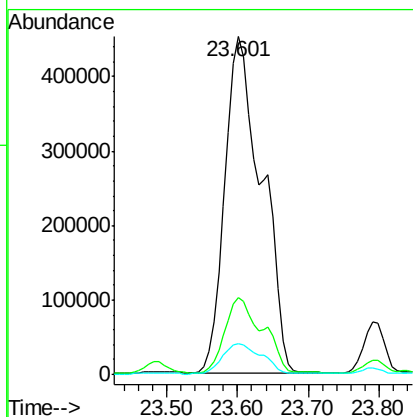
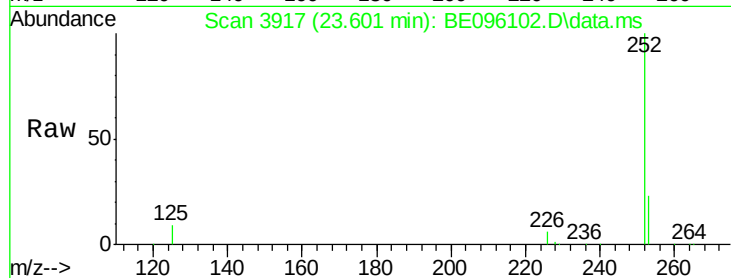
Tot Ion:252 Resp: 1637857

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

125 9.3 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 44.69 ng/ul

RT: 23.601 min Scan# 3917

Delta R.T. -0.020 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

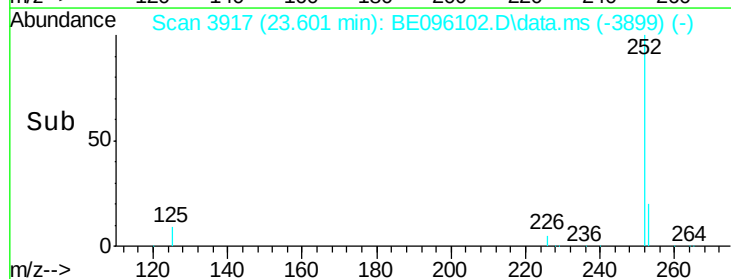
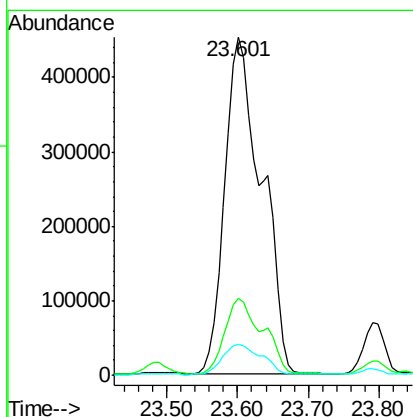
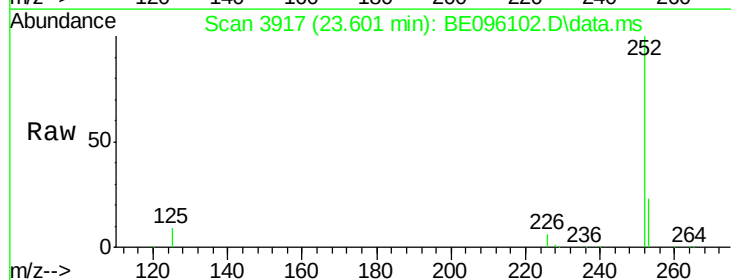
Tgt Ion:252 Resp: 1637857

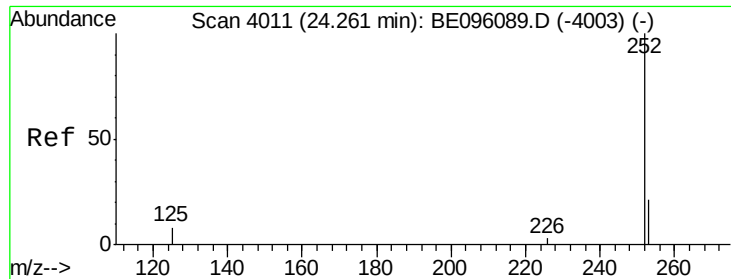
Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

125 9.3 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 16.99 ng/ul

RT: 24.290 min Scan# 4011

Delta R.T. 0.029 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

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ClientSampleId :

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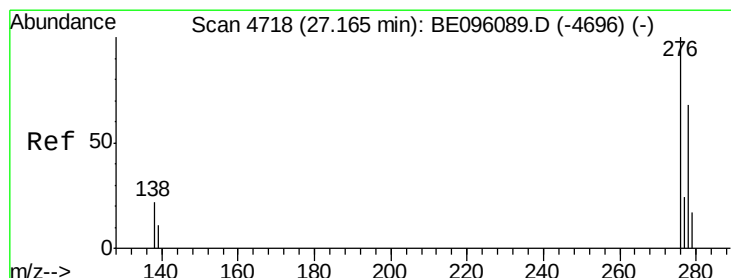
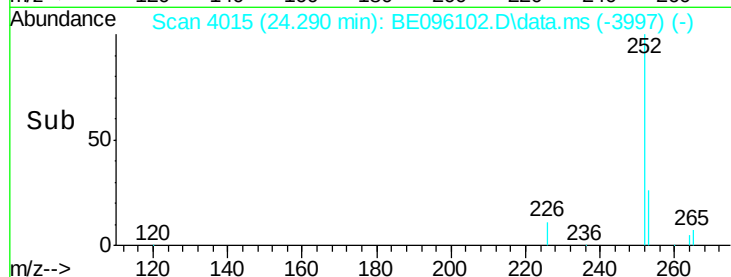
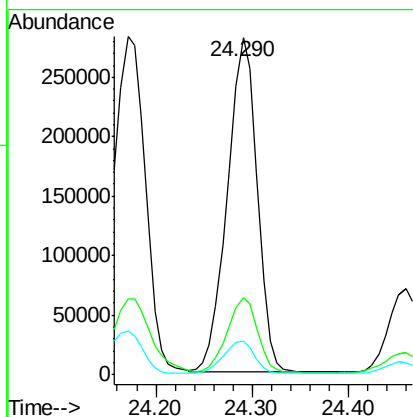
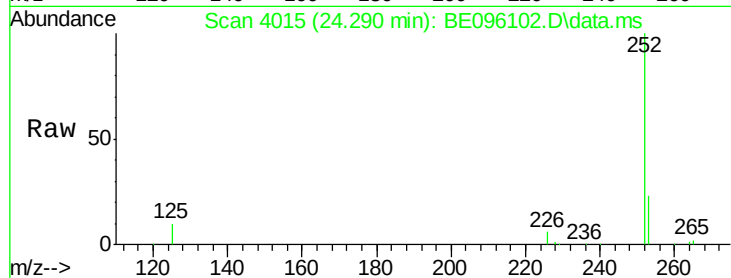
Tot Ion:252 Resp: 603300

Ion Ratio Lower Upper

252 100

253 22.8 28.5 42.7#

125 9.8 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 11.38 ng/ul

RT: 27.215 min Scan# 4732

Delta R.T. 0.050 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

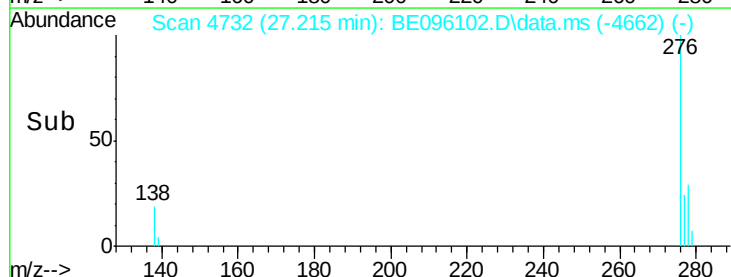
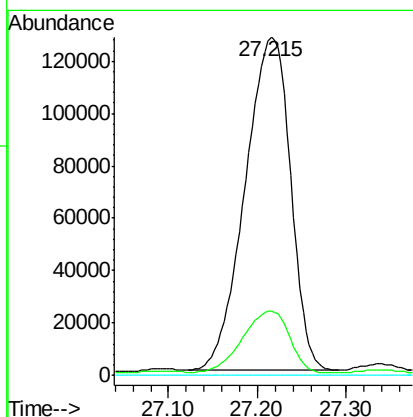
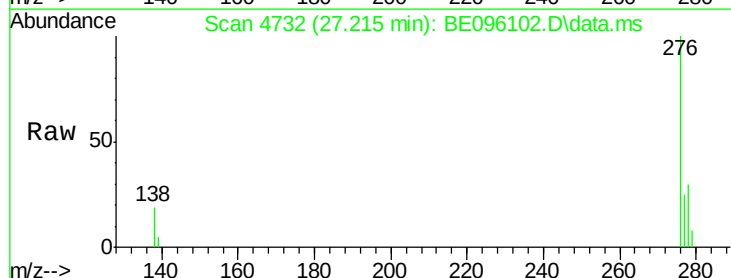
Tgt Ion:276 Resp: 449075

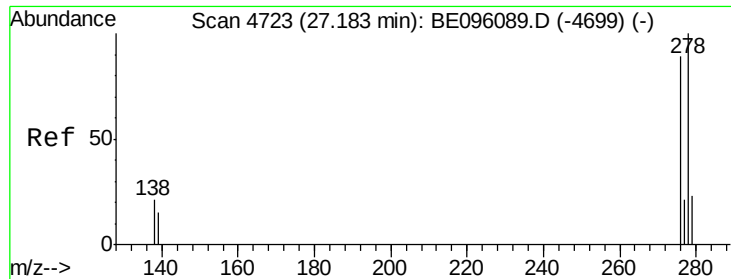
Ion Ratio Lower Upper

276 100

138 19.4 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 1.20 ng/ul

RT: 27.337 min Scan# 47

Delta R.T. 0.157 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Instrument :

BNA_E

ClientSampleId :

C0AC1

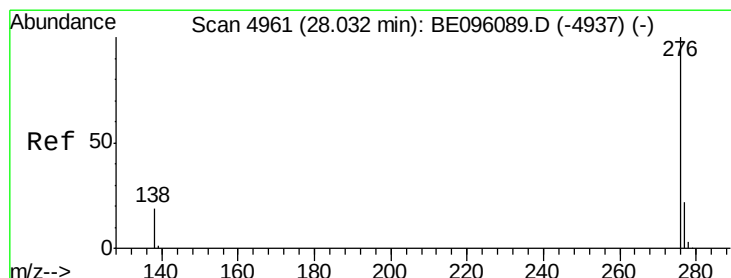
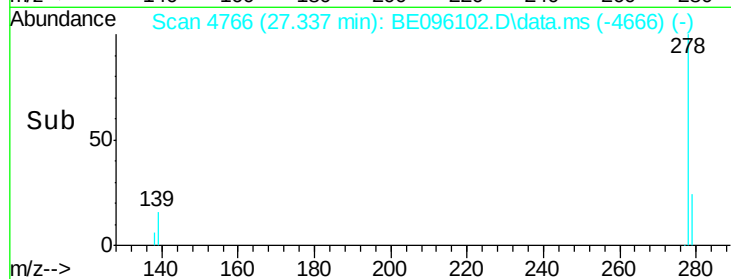
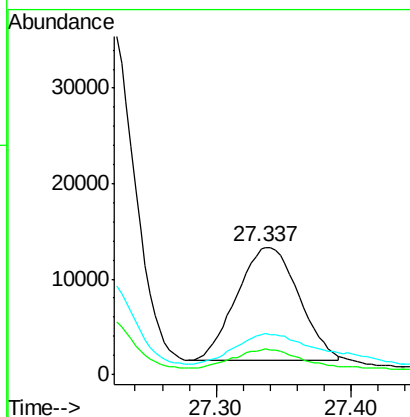
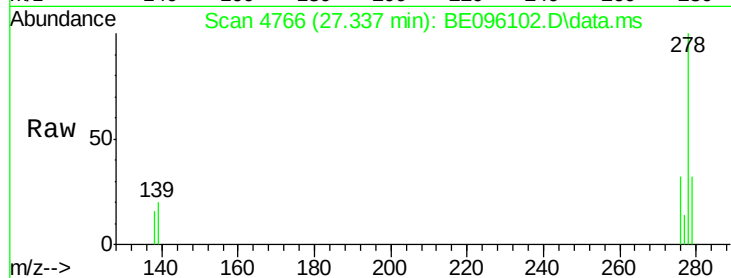
Tot Ion:278 Resp: 38026

Ion Ratio Lower Upper

278 100

139 19.7 17.4 26.0

279 31.8 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 12.59 ng/ul

RT: 28.089 min Scan# 4977

Delta R.T. 0.050 min

Lab File: BE096102.D

Acq: 24 Apr 2018 1:25

Tgt Ion:276 Resp: 414836

Ion Ratio Lower Upper

276 100

138 19.1 21.8 32.8#

277 24.1 20.5 30.7

