

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096106.D
 Acq On : 24 Apr 2018 3:49
 Operator : SJ/JU
 Sample : J2434-15DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

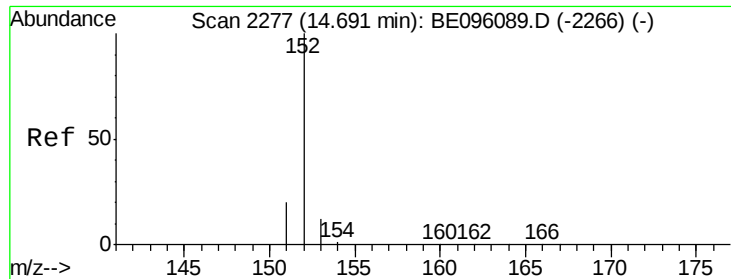
Instrument :
 BNA_E
 ClientSampleId :
 C0AD0DL

Quant Time: Apr 24 11:02:13 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	1924	0.40	ng/ul	0.00
2) Naphthalene-d8	11.201	136	5355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.966	164	2938	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.677	188	6518	0.40	ng/ul	0.00
16) Chrysene-d12	21.767	240	7865	0.40	ng/ul	0.00
20) Perylene-d12	24.383	264	6375	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.762	152	360	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.656	212	881	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
7) Acenaphthylene	14.696	152	361	0.02	ng/ul#	67
8) Acenaphthene	15.031	153	235	0.02	ng/ul#	89
12) Phenanthrene	17.719	178	5081	0.26	ng/ul#	88
13) Anthracene	17.810	178	1010	0.05	ng/ul#	92
15) Fluoranthene	19.688	202	15652	0.60	ng/ul	84
17) Pyrene	20.039	202	14820	0.55	ng/ul#	81
18) Benzo(a)anthracene	21.753	228	9852	0.31	ng/ul#	88
19) Chrysene	21.809	228	8247	0.36	ng/ul	94
21) Benzo(b)fluoranthene	23.574	252	17091	0.83	ng/ul	90
22) Benzo(k)fluoranthene	23.574	252	17091	0.83	ng/ul#	92
23) Benzo(a)pyrene	24.263	252	9199	0.46	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.173	276	6506	0.29	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.173	278	1683	0.09	ng/ul#	76
26) Benzo(g,h,i)perylene	28.051	276	6424	0.35	ng/ul	95

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



#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.696 min Scan# 2277

Delta R.T. -0.001 min

Lab File: BE096106.D

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Instrument :

BNA_E

ClientSampleId :

C0AD0DL

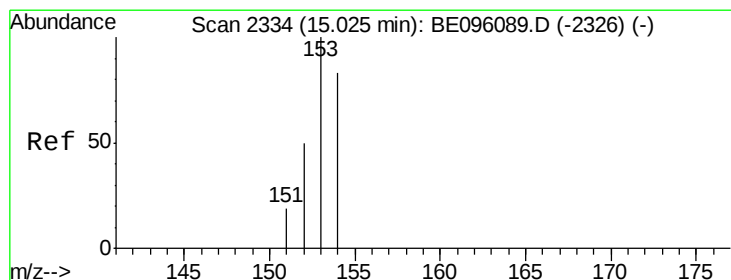
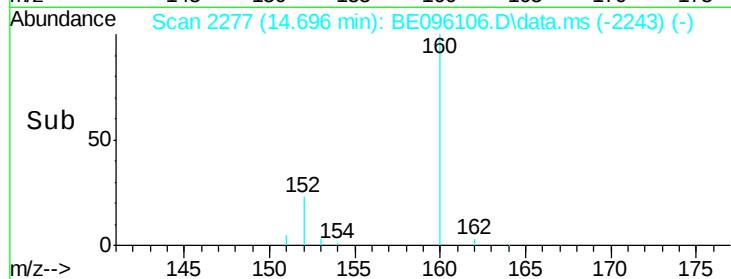
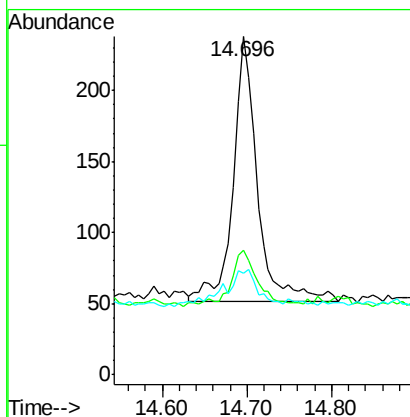
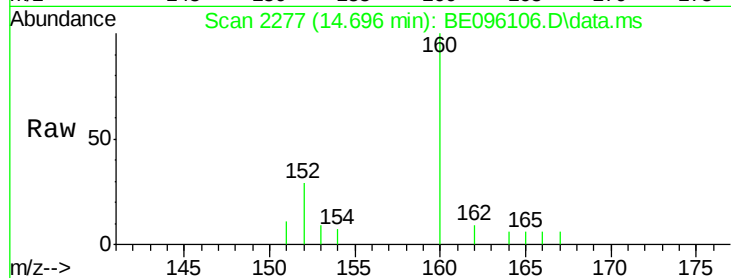
Tot Ion:152 Resp: 361

Ion Ratio Lower Upper

152 100

151 37.0 17.1 25.7#

153 29.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 15.031 min Scan# 2334

Delta R.T. -0.001 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

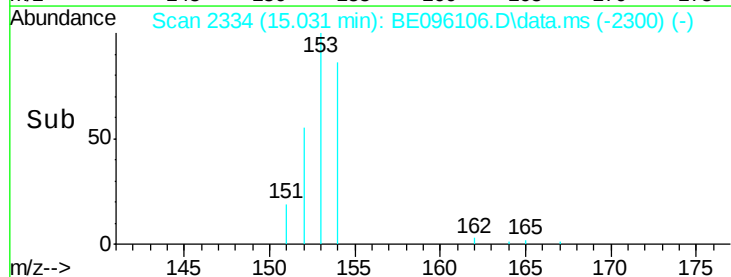
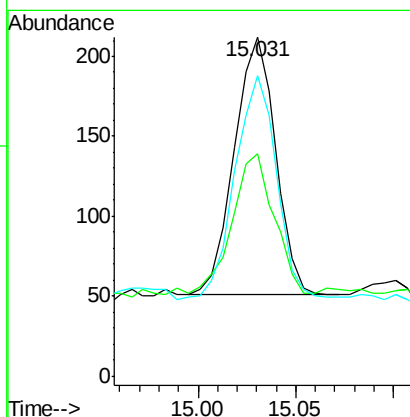
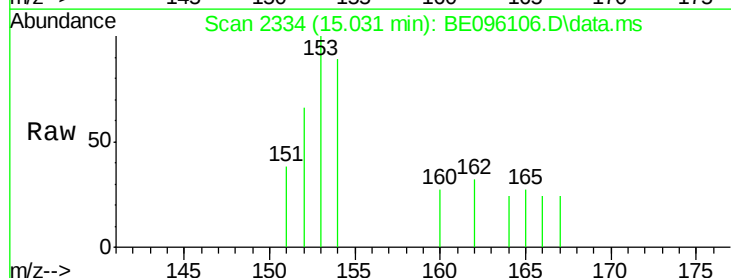
Tgt Ion:153 Resp: 235

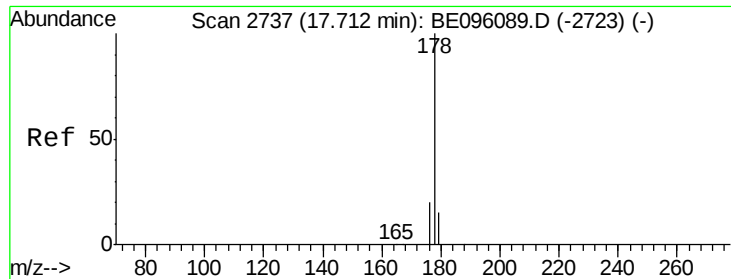
Ion Ratio Lower Upper

153 100

152 65.6 36.0 54.0#

154 88.7 72.0 108.0





#12

Phenanthrene

Concen: 0.26 ng/ul

RT: 17.719 min Scan# 27

Delta R.T. 0.001 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

ClientSampleId :

C0AD0DL

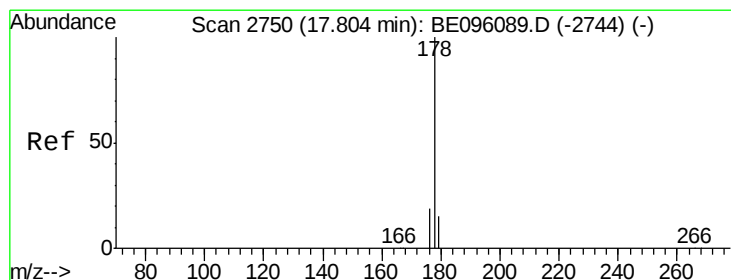
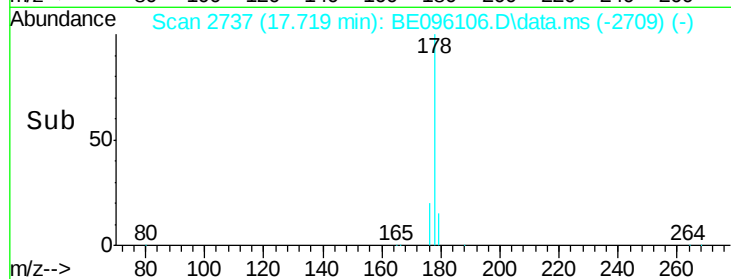
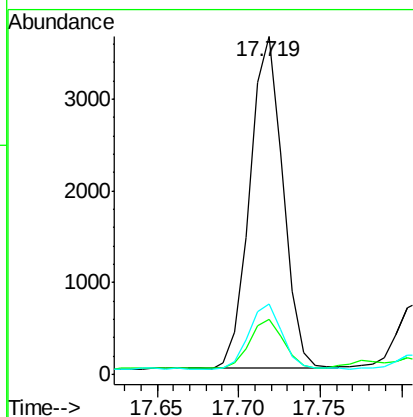
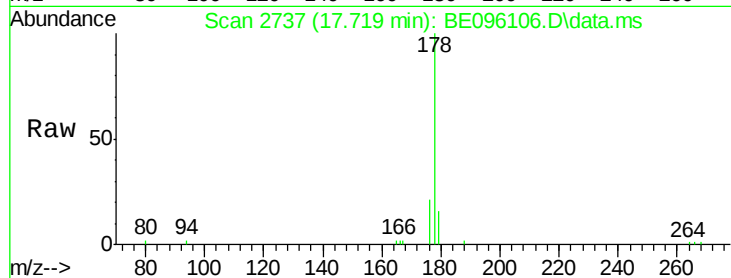
Tot Ion:178 Resp: 5081

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 20.8 13.6 20.4#



#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.810 min Scan# 2750

Delta R.T. 0.008 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

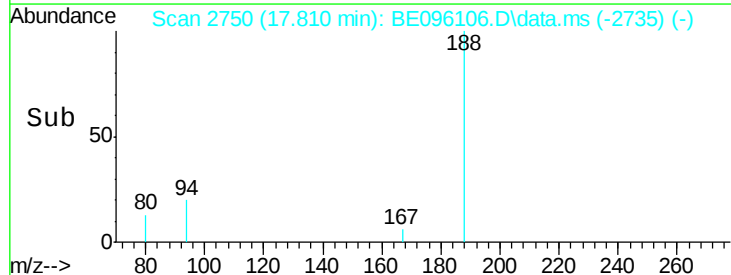
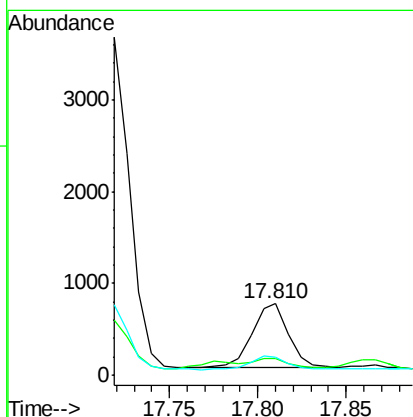
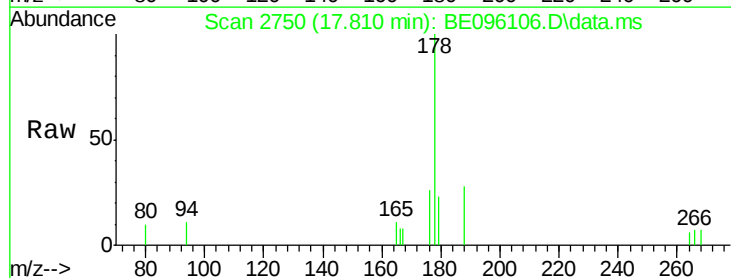
Tgt Ion:178 Resp: 1010

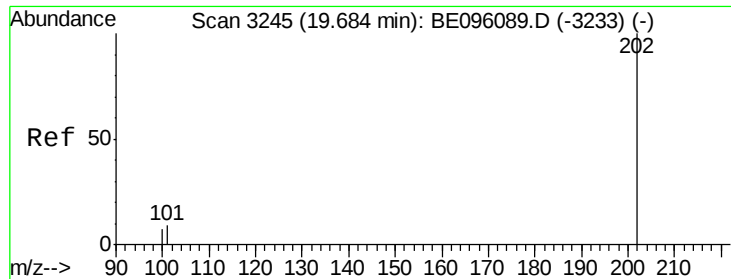
Ion Ratio Lower Upper

178 100

179 22.8 18.1 27.1

176 26.3 14.7 22.1#





#15

Fluoranthene

Concen: 0.60 ng/ul

RT: 19.688 min Scan# 32

Delta R.T. 0.004 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

ClientSampleId :

C0AD0DL

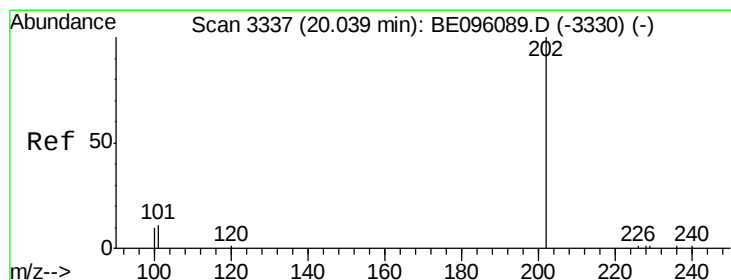
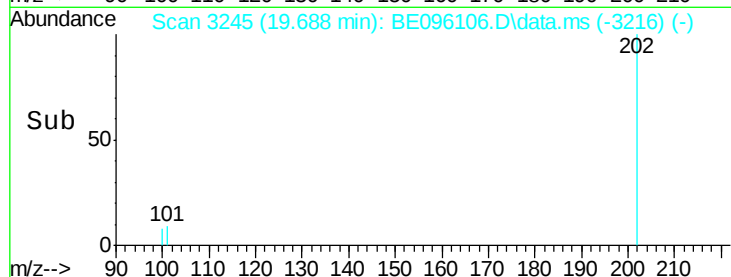
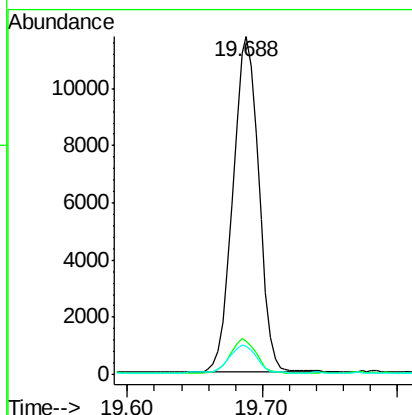
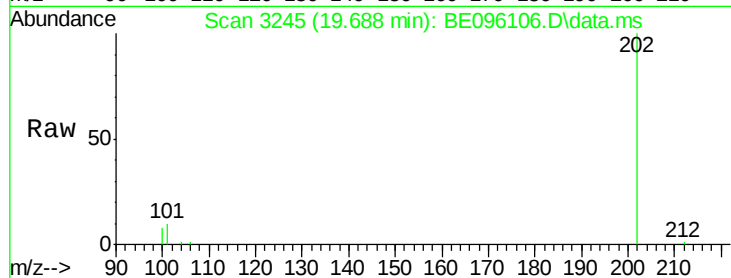
Tot Ion:202 Resp: 15652

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

100 8.4 0.0 39.5



#17

Pyrene

Concen: 0.55 ng/ul

RT: 20.039 min Scan# 3336

Delta R.T. -0.001 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

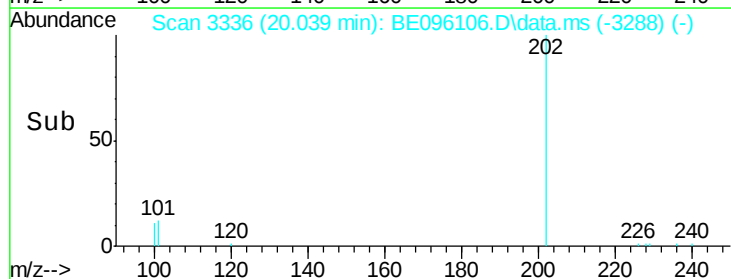
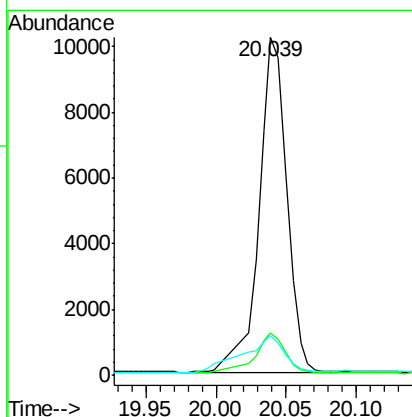
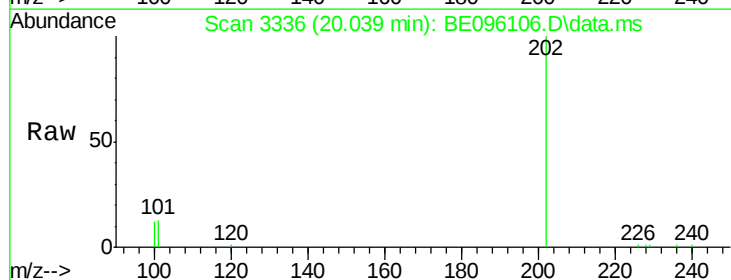
Tgt Ion:202 Resp: 14820

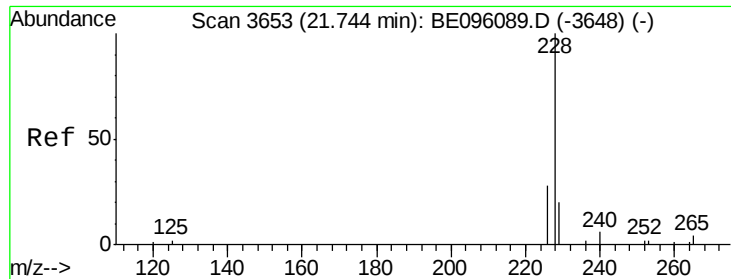
Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

100 11.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.31 ng/ul

RT: 21.753 min Scan# 3653

Delta R.T. 0.009 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

ClientSampleId :

C0AD0DL

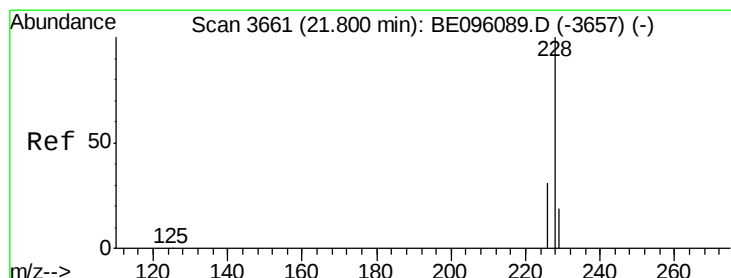
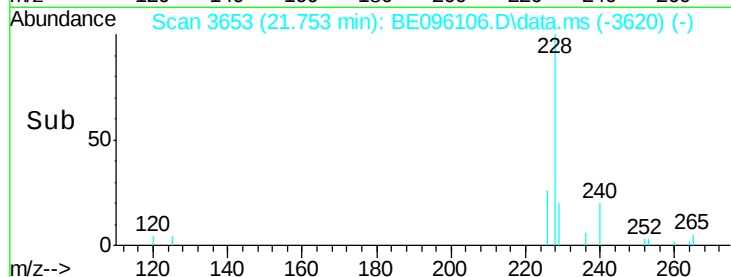
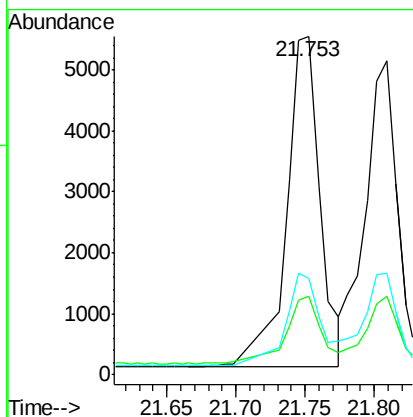
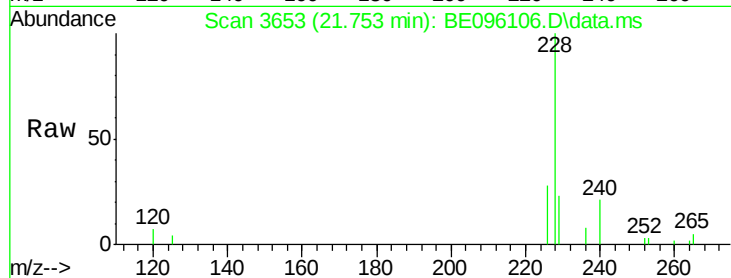
Tot Ion:228 Resp: 9852

Ion Ratio Lower Upper

228 100

229 23.0 22.8 34.2

226 28.3 17.0 25.6#



#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.809 min Scan# 3661

Delta R.T. 0.002 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

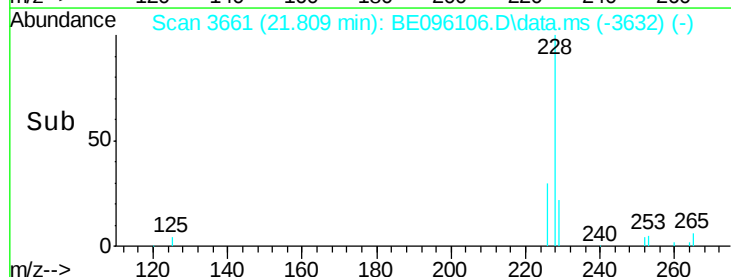
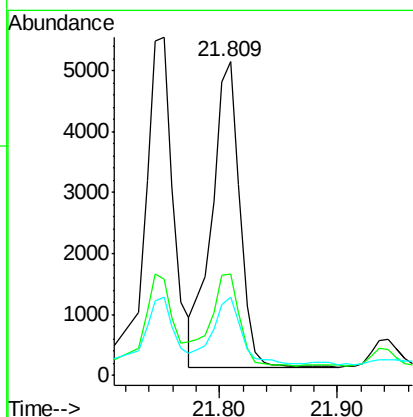
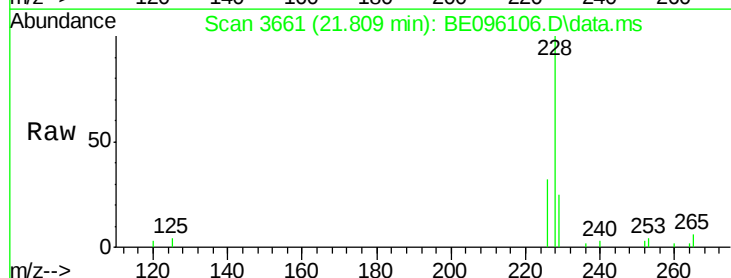
Tgt Ion:228 Resp: 8247

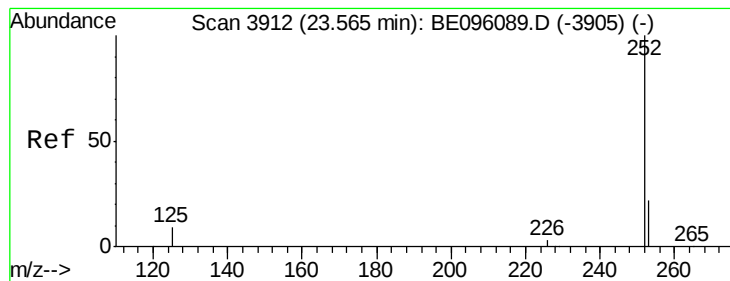
Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.0

229 25.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.83 ng/ul

RT: 23.574 min Scan# 3912

Delta R.T. 0.009 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

ClientSampleId :

C0AD0DL

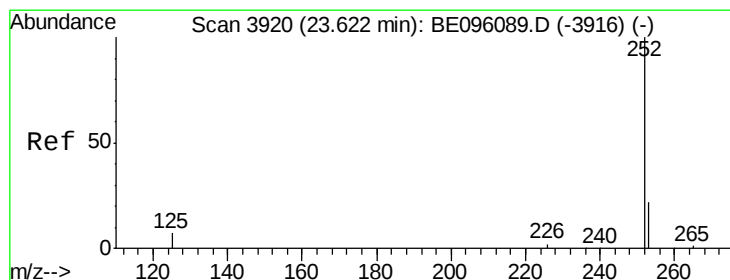
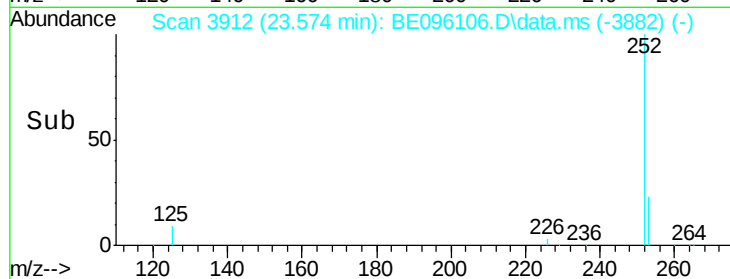
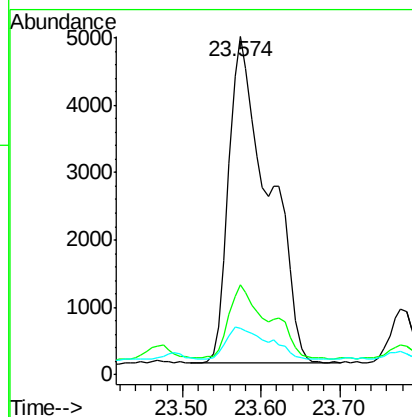
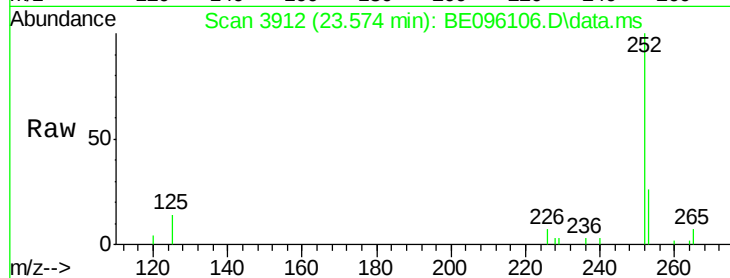
Tot Ion:252 Resp: 17091

Ion Ratio Lower Upper

252 100

253 26.4 0.0 64.2

125 13.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.83 ng/ul

RT: 23.574 min Scan# 3912

Delta R.T. -0.048 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

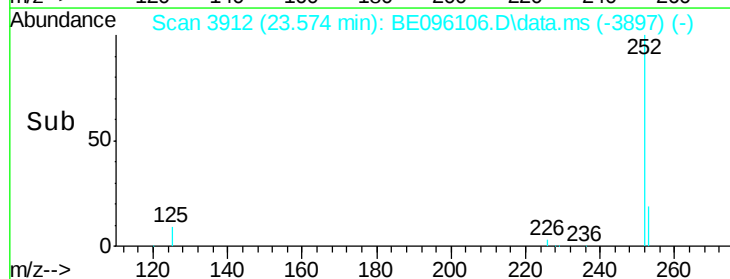
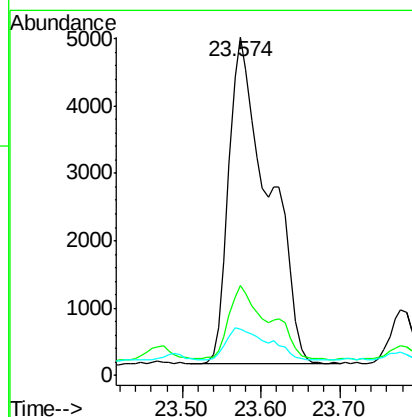
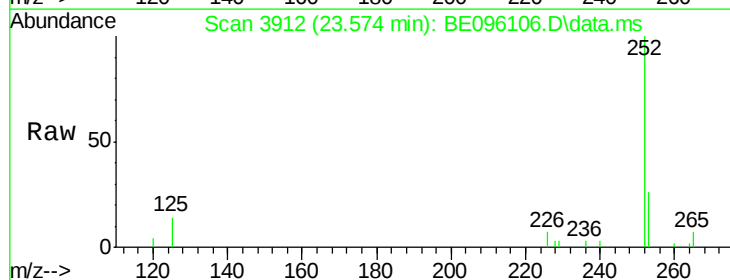
Tgt Ion:252 Resp: 17091

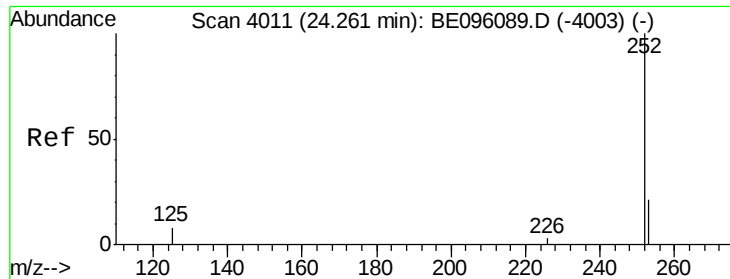
Ion Ratio Lower Upper

252 100

253 26.4 24.5 36.7

125 13.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.46 ng/ul

RT: 24.263 min Scan# 4011

Delta R.T. 0.002 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

Instrument :

BNA_E

ClientSampleId :

C0AD0DL

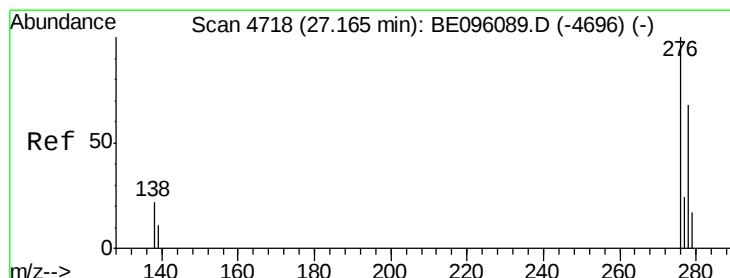
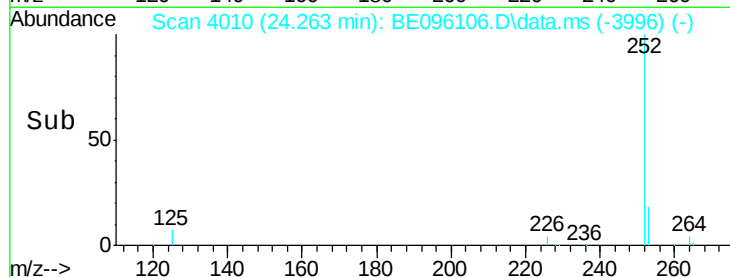
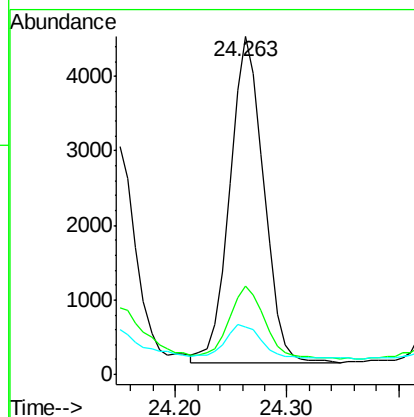
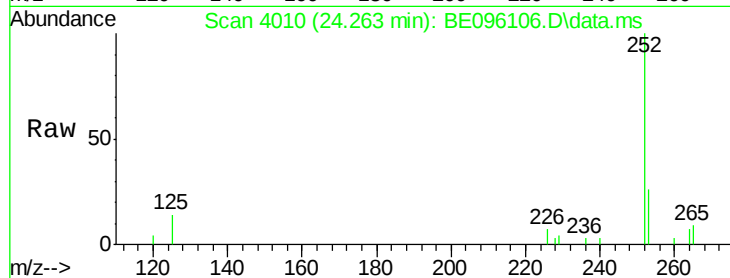
Tot Ion:252 Resp: 9199

Ion Ratio Lower Upper

252 100

253 26.3 28.5 42.7#

125 14.1 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.29 ng/ul

RT: 27.173 min Scan# 4719

Delta R.T. 0.008 min

Lab File: BE096106.D

Acq: 24 Apr 2018 3:49

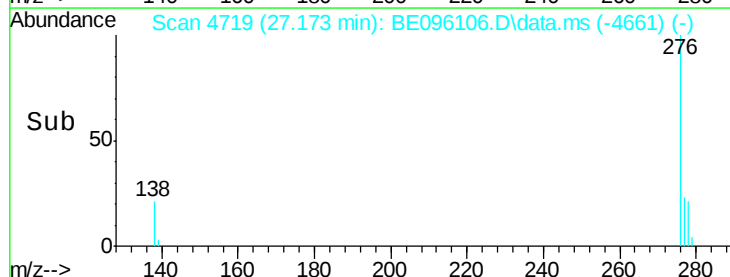
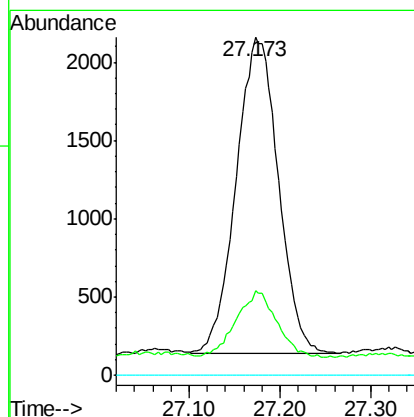
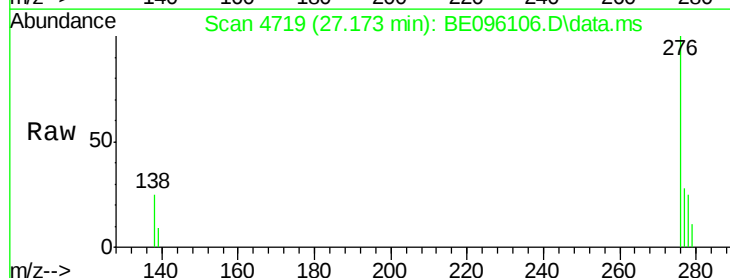
Tgt Ion:276 Resp: 6506

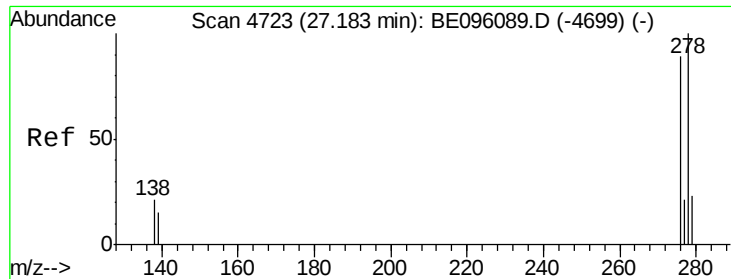
Ion Ratio Lower Upper

276 100

138 20.6 28.0 42.0#

227 0.0 8.0 12.0#

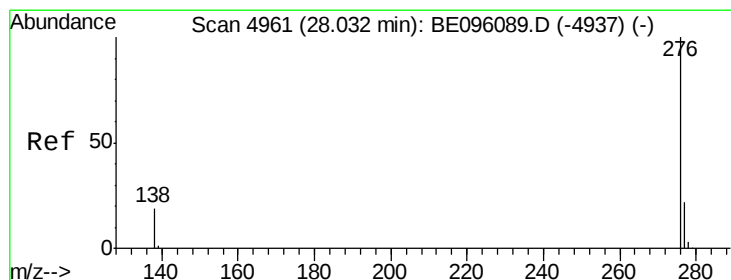
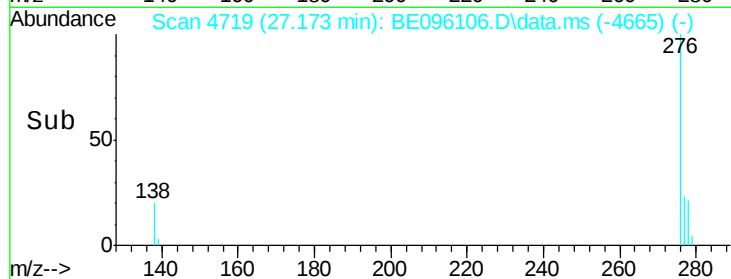
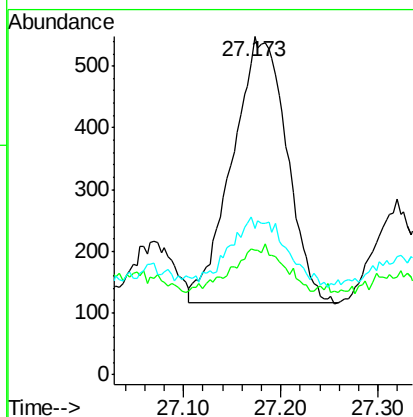
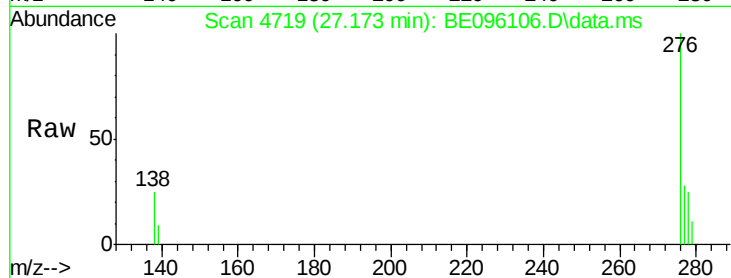




#25
 Dibenzo(a,h)anthracene
 Concen: 0.09 ng/ul
 RT: 27.173 min Scan# 47
 Delta R.T. -0.007 min
 Lab File: BE096106.D
 Acq: 24 Apr 2018 3:49

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0DL

Tot Ion:278 Resp: 1683
 Ion Ratio Lower Upper
 278 100
 139 36.9 17.4 26.0#
 279 43.2 25.9 38.9#



#26
 Benzo(g,h,i)perylene
 Concen: 0.35 ng/ul
 RT: 28.051 min Scan# 4965
 Delta R.T. 0.011 min
 Lab File: BE096106.D
 Acq: 24 Apr 2018 3:49

Tgt Ion:276 Resp: 6424
 Ion Ratio Lower Upper
 276 100
 138 24.4 21.8 32.8
 277 28.0 20.5 30.7

