

Data Path : Z:\HPCHEM1\BNA_E\Data\BE040618\
 Data File : BE095956.D
 Acq On : 6 Apr 2018 14:51
 Operator : SJ/JU
 Sample : SST0.832
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST0.832

Quant Time: Apr 06 15:52:12 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 15:00:12 2018
 Response via : Initial Calibration

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

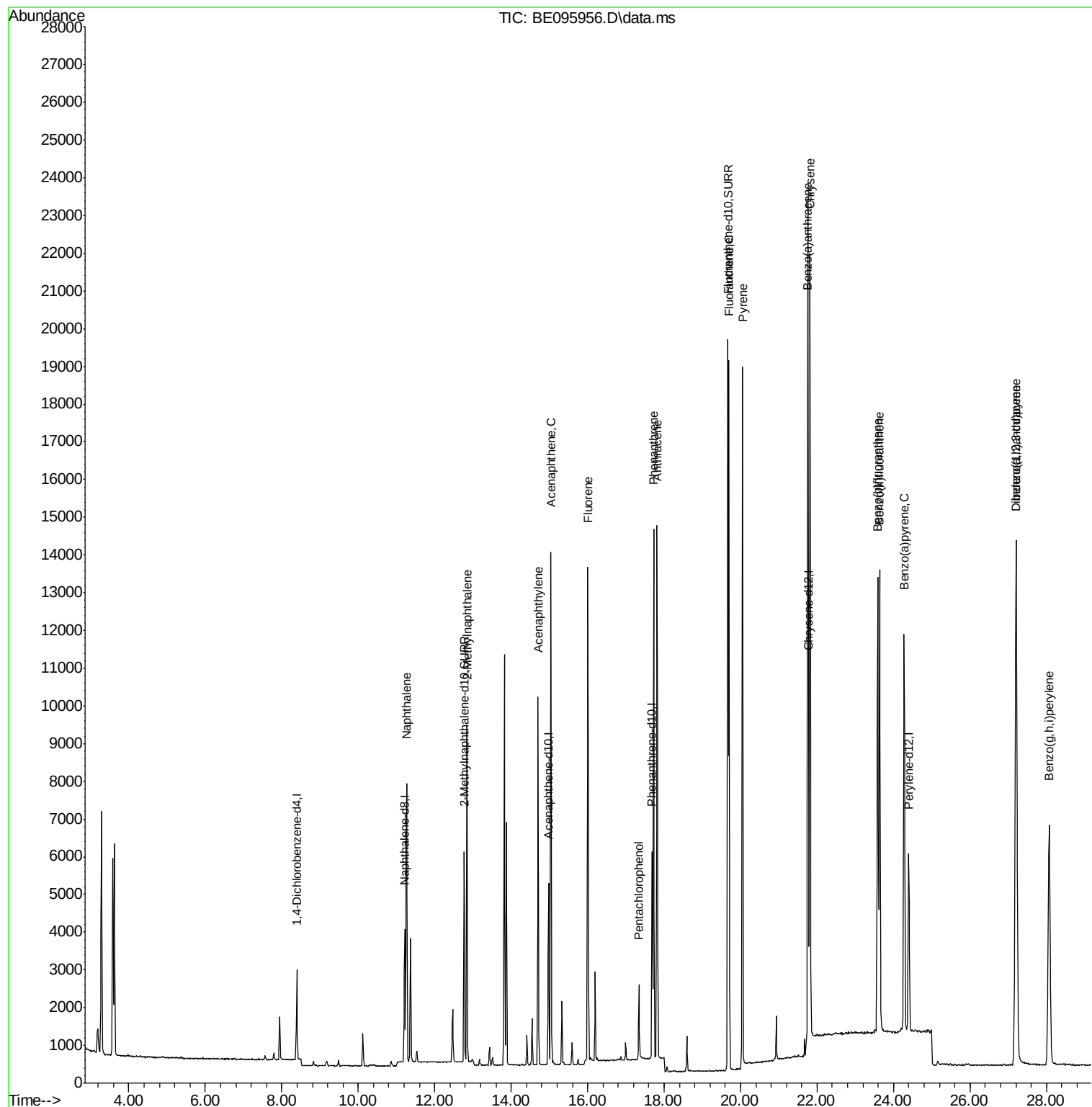
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.389	152	1822	0.40	ng/ul	0.00
2) Naphthalene-d8	11.215	136	4659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.978	164	2634	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.684	188	6373	0.40	ng/ul	0.00
16) Chrysene-d12	21.779	240	9103	0.40	ng/ul	0.00
20) Perylene-d12	24.395	264	7011	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.770	152	6845	0.87	ng/ul	0.00
14) Fluoranthene-d10	19.666	212	20881	1.03	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.260	128	10214	0.79	ng/ul#	88
5) 2-Methylnaphthalene	12.841	142	7021	0.78	ng/ul	100
7) Acenaphthylene	14.702	152	10901	0.82	ng/ul	96
8) Acenaphthene	15.037	153	7729	0.77	ng/ul	95
9) Fluorene	16.002	166	8712	0.80	ng/ul#	89
11) Pentachlorophenol	17.339	266	1011	1.13	ng/ul	94
12) Phenanthrene	17.726	178	14846	0.78	ng/ul#	88
13) Anthracene	17.818	178	15003	0.84	ng/ul#	91
15) Fluoranthene	19.695	202	20224	0.87	ng/ul	84
17) Pyrene	20.050	202	21781	0.63	ng/ul#	78
18) Benzo(a)anthracene	21.758	228	26197	0.89	ng/ul#	84
19) Chrysene	21.814	228	18991	0.64	ng/ul	96
21) Benzo(b)fluoranthene	23.586	252	17820	0.73	ng/ul	84
22) Benzo(k)fluoranthene	23.635	252	18212	0.79	ng/ul#	87
23) Benzo(a)pyrene	24.275	252	17306	0.78	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.200	276	19533	0.79	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.211	278	16023	0.82	ng/ul#	88
26) Benzo(g,h,i)perylene	28.074	276	16262	0.77	ng/ul#	94

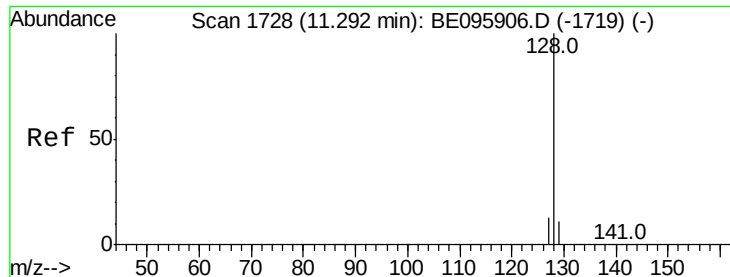
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.79 ng/ul

RT: 11.260 min Scan# 17

Delta R.T. 0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

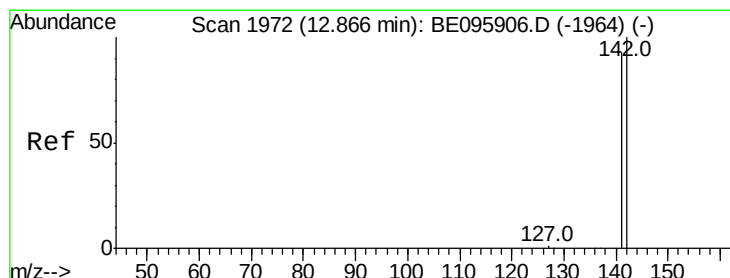
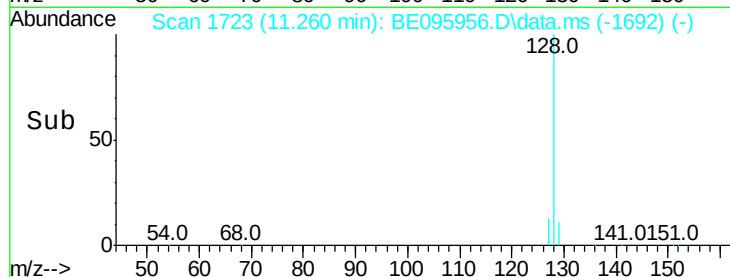
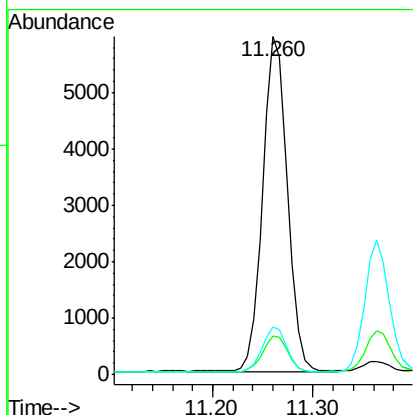
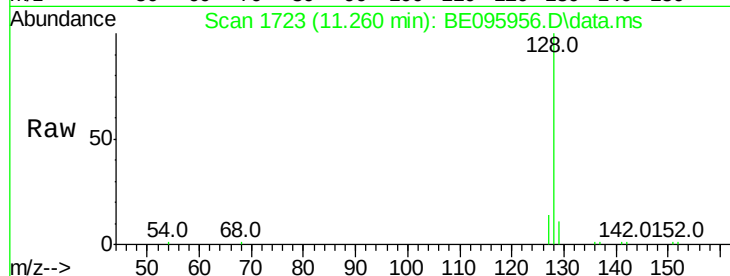
Tgt Ion:128 Resp: 10214

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

127 14.2 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.78 ng/ul

RT: 12.841 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BE095956.D

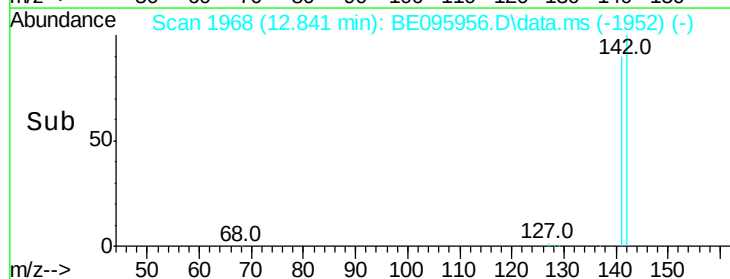
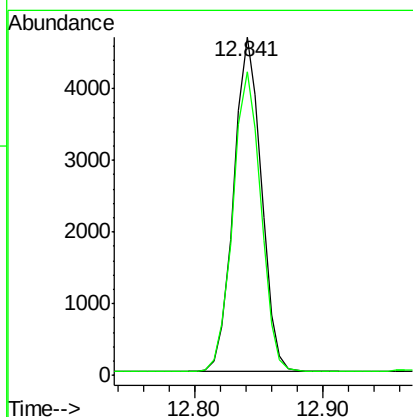
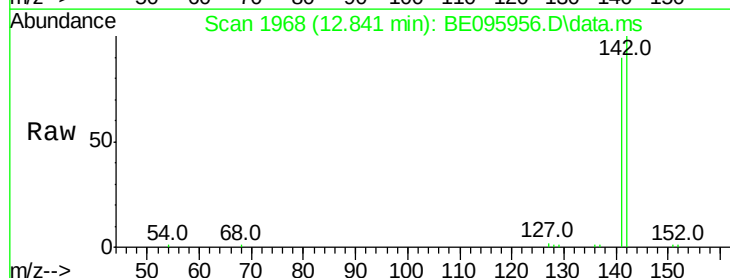
Acq: 6 Apr 2018 14:51

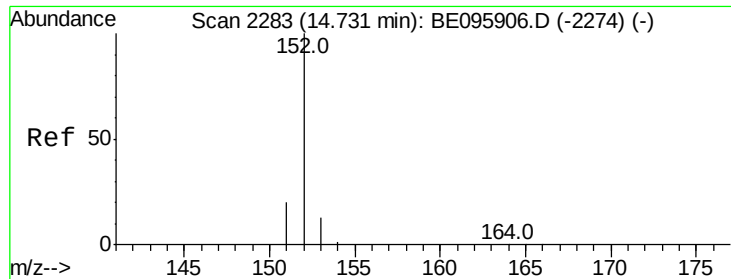
Tgt Ion:142 Resp: 7021

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.82 ng/ul

RT: 14.702 min Scan# 22

Delta R.T. 0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

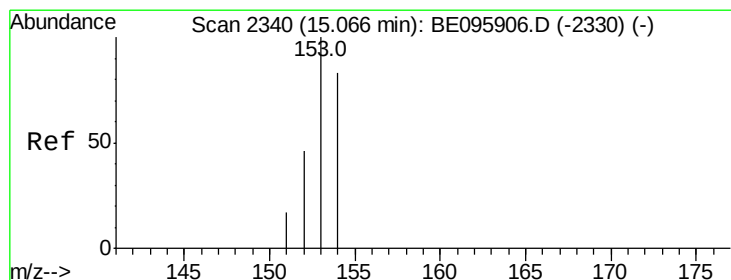
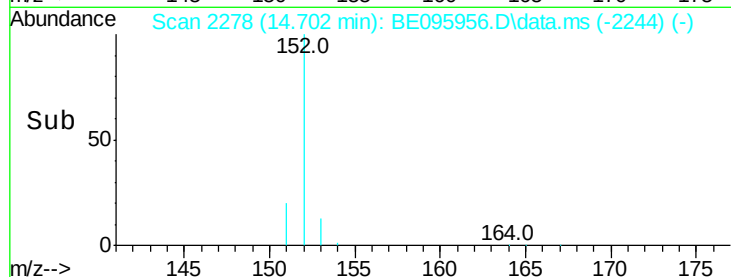
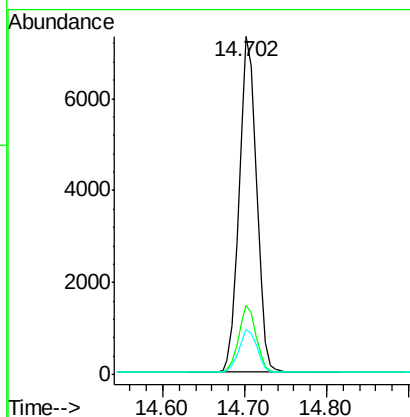
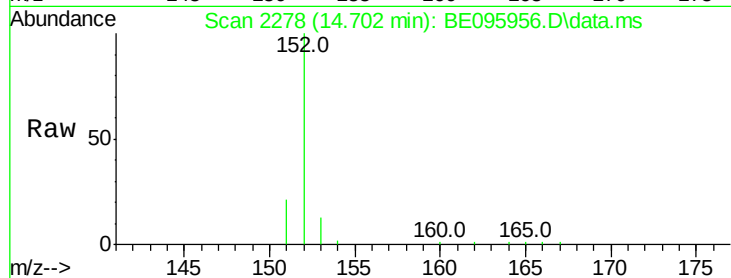
Tgt Ion:152 Resp: 10901

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

153 13.3 12.8 19.2



#8

Acenaphthene

Concen: 0.77 ng/ul

RT: 15.037 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

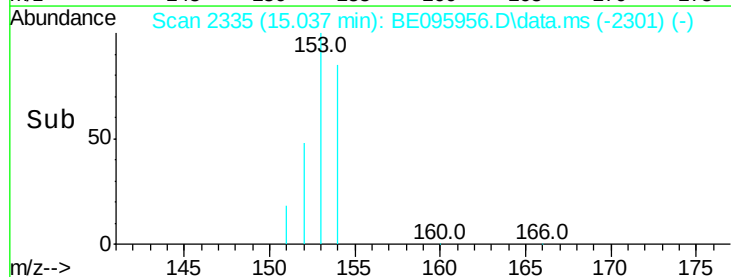
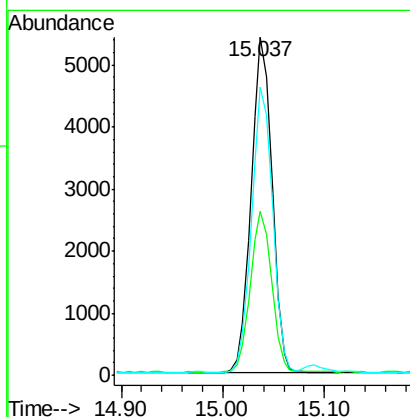
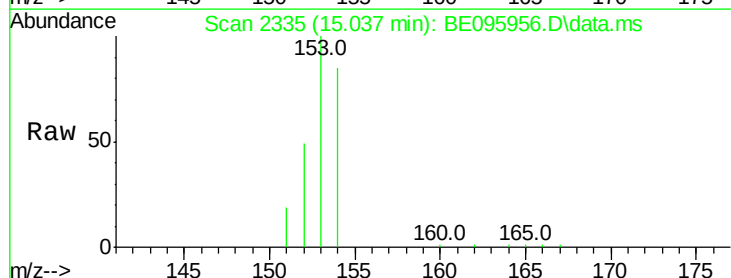
Tgt Ion:153 Resp: 7729

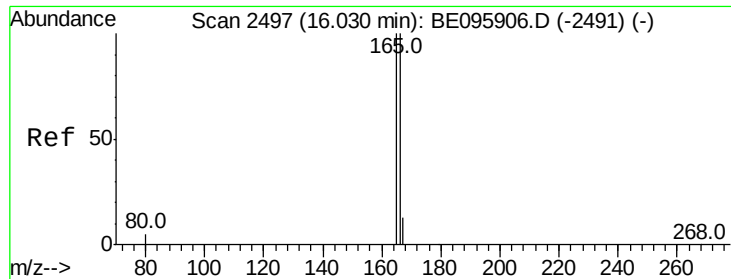
Ion Ratio Lower Upper

153 100

152 48.7 36.0 54.0

154 85.3 72.0 108.0





#9

Fluorene

Concen: 0.80 ng/ul

RT: 16.002 min Scan# 24

Delta R.T. 0.001 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

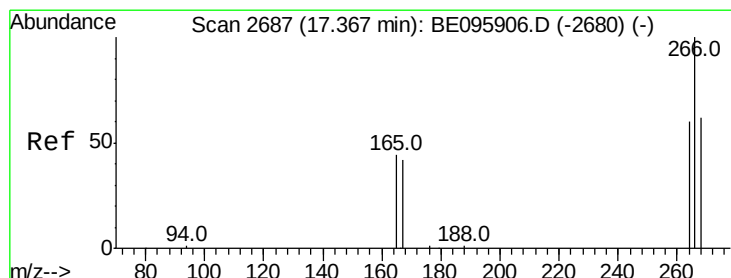
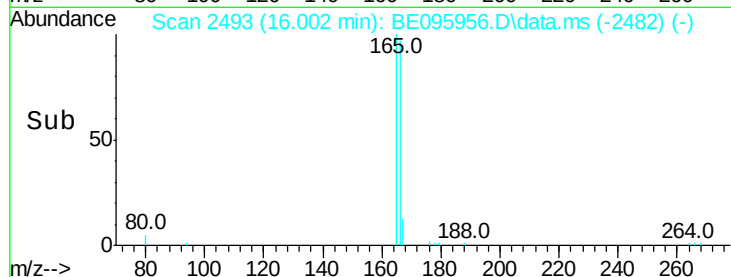
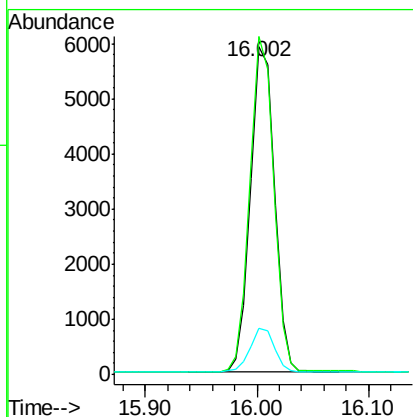
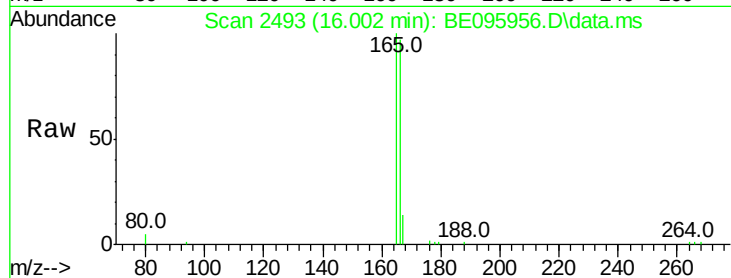
Tgt Ion:166 Resp: 8712

Ion Ratio Lower Upper

166 100

165 103.0 73.4 110.2

167 14.1 14.6 22.0#



#11

Pentachlorophenol

Concen: 1.13 ng/ul

RT: 17.339 min Scan# 2683

Delta R.T. 0.001 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

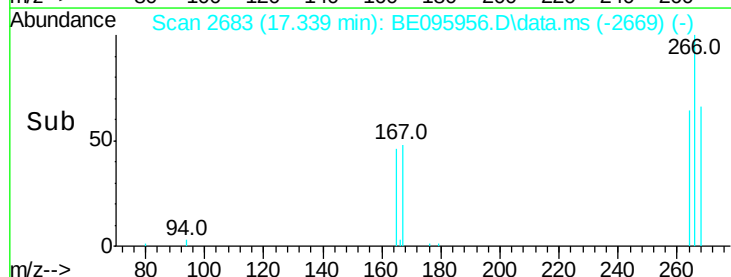
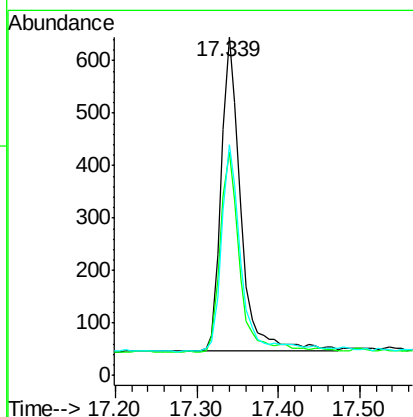
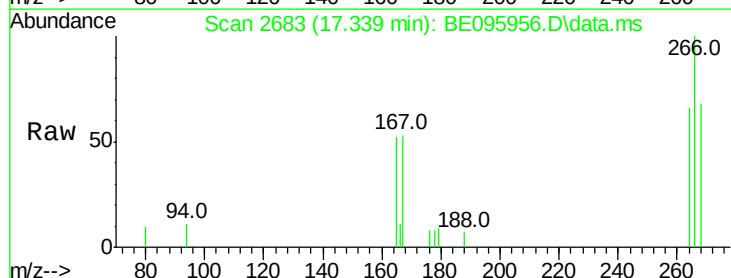
Tgt Ion:266 Resp: 1011

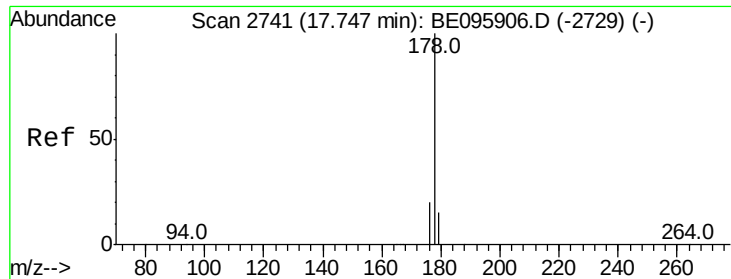
Ion Ratio Lower Upper

266 100

264 65.0 47.9 71.9

268 66.4 49.8 74.8





#12

Phenanthrene

Concen: 0.78 ng/ul

RT: 17.726 min Scan# 27

Delta R.T. 0.001 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

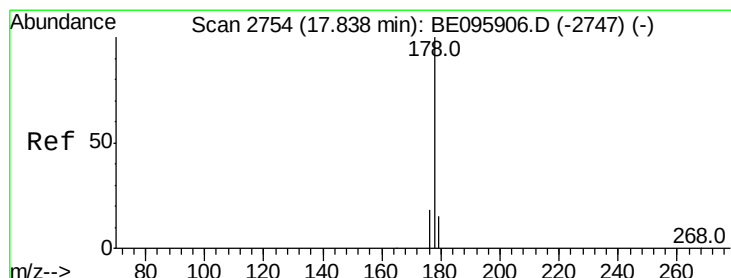
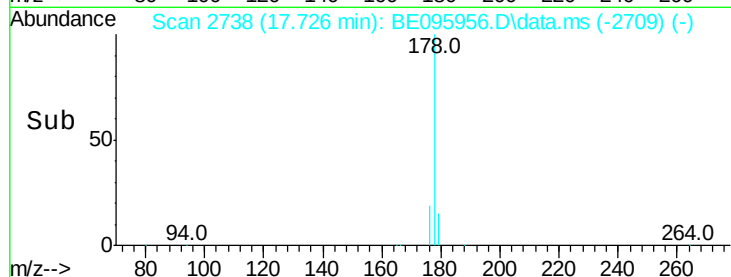
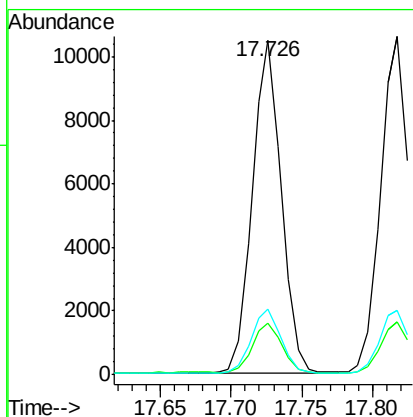
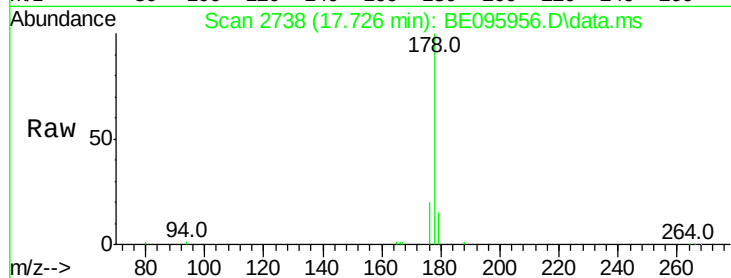
Tgt Ion:178 Resp: 14846

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 19.5 13.6 20.4



#13

Anthracene

Concen: 0.84 ng/ul

RT: 17.818 min Scan# 2751

Delta R.T. 0.001 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

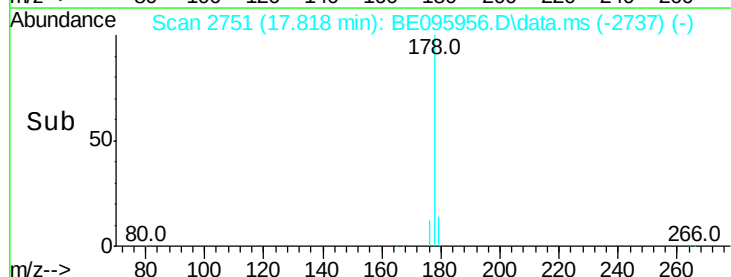
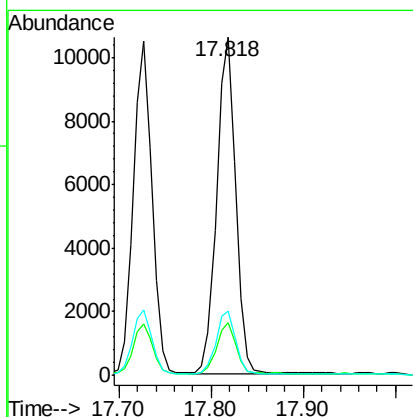
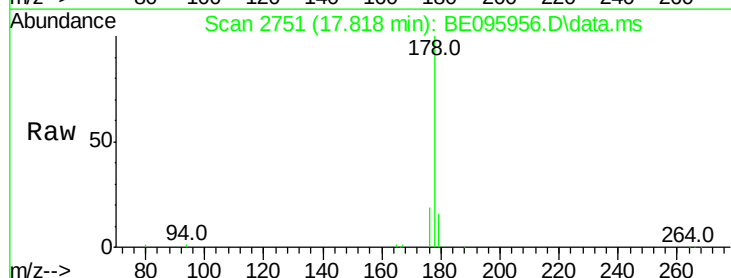
Tgt Ion:178 Resp: 15003

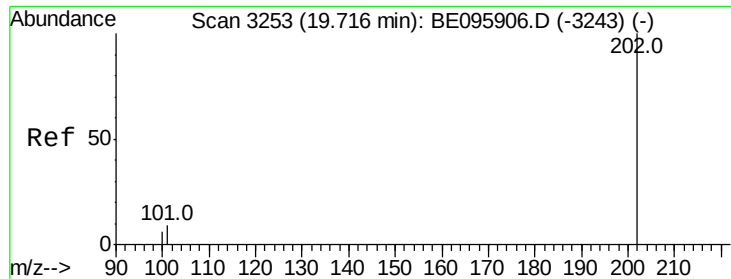
Ion Ratio Lower Upper

178 100

179 15.6 18.1 27.1#

176 18.9 14.7 22.1





#15

Fluoranthene

Concen: 0.87 ng/ul

RT: 19.695 min Scan# 32

Delta R.T. 0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

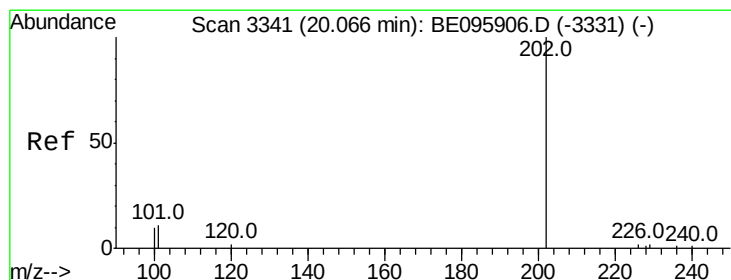
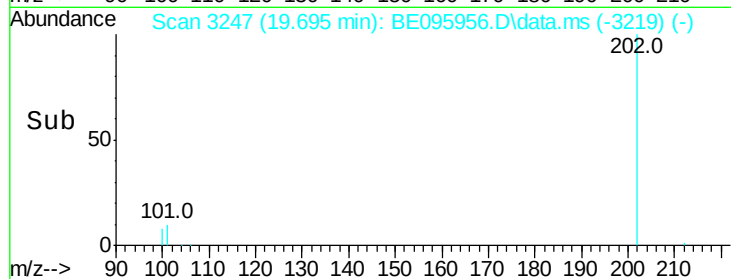
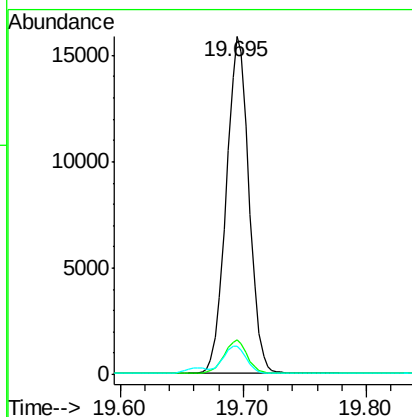
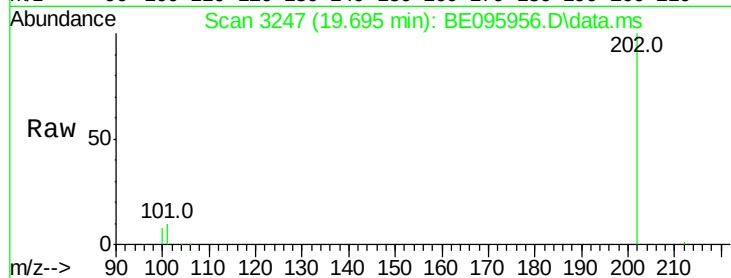
Tgt Ion:202 Resp: 20224

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

100 8.4 0.0 39.5



#17

Pyrene

Concen: 0.63 ng/ul

RT: 20.050 min Scan# 3338

Delta R.T. 0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

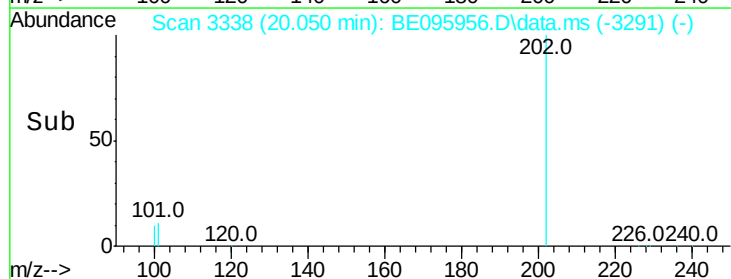
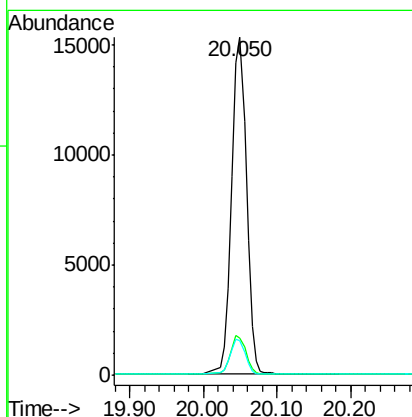
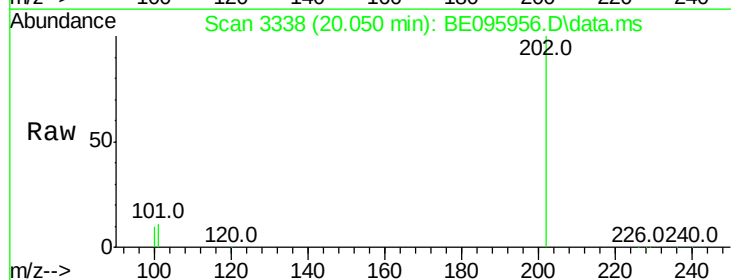
Tgt Ion:202 Resp: 21781

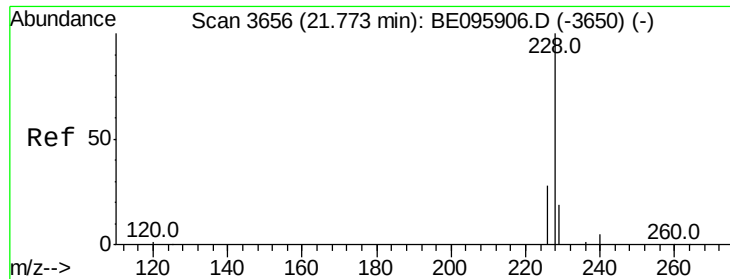
Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

100 10.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.89 ng/ul

RT: 21.758 min Scan# 3656

Delta R.T. -0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

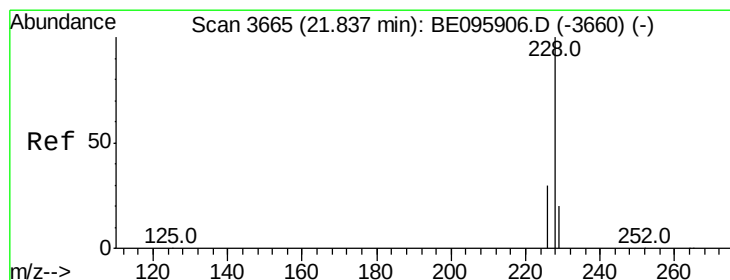
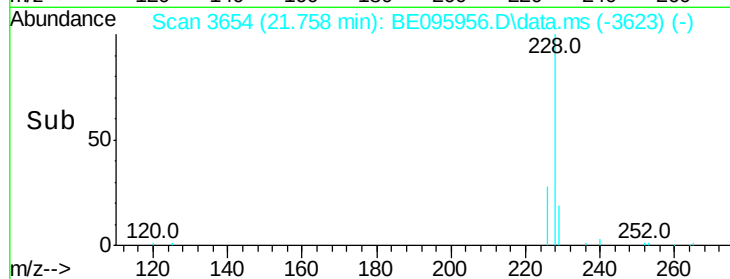
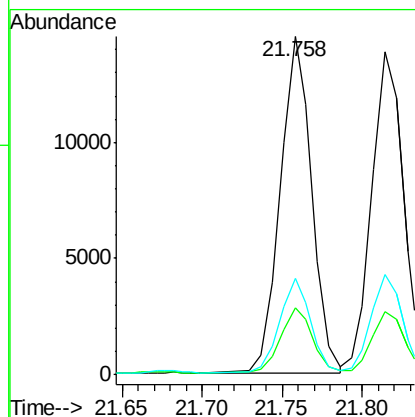
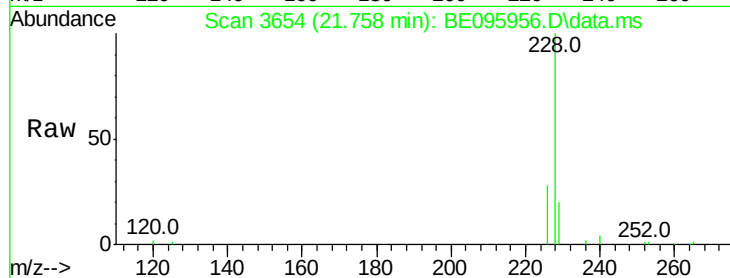
Tgt Ion:228 Resp: 26197

Ion Ratio Lower Upper

228 100

229 19.7 22.8 34.2#

226 28.5 17.0 25.6#



#19

Chrysene

Concen: 0.64 ng/ul

RT: 21.814 min Scan# 3662

Delta R.T. -0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

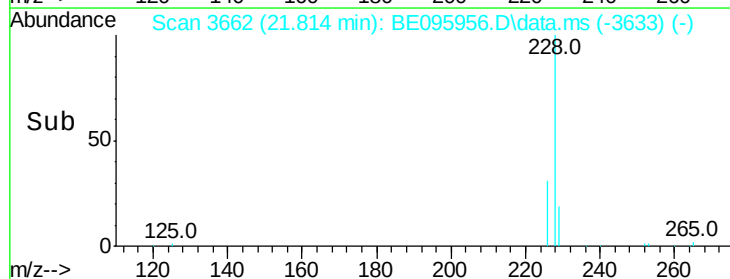
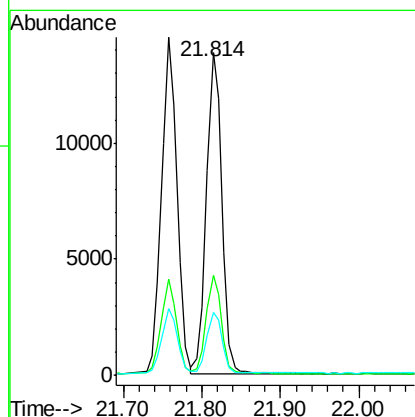
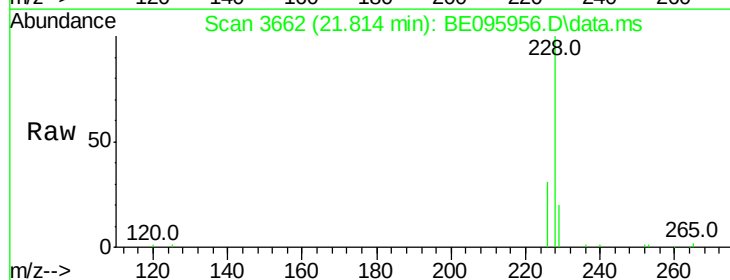
Tgt Ion:228 Resp: 18991

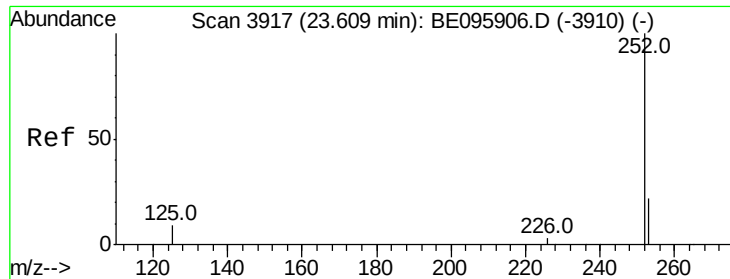
Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

229 19.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.73 ng/ul

RT: 23.586 min Scan# 3914

Delta R.T. -0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

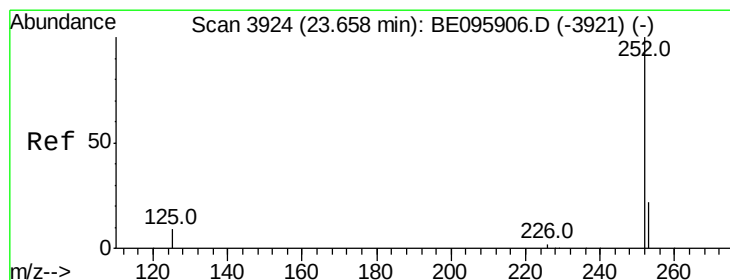
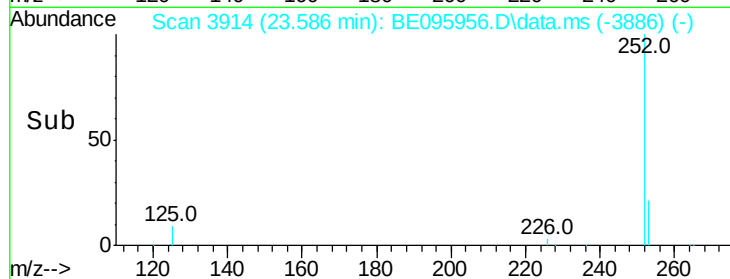
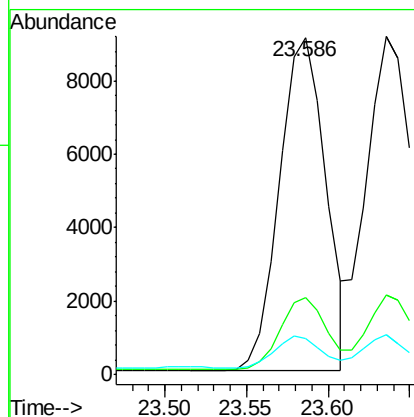
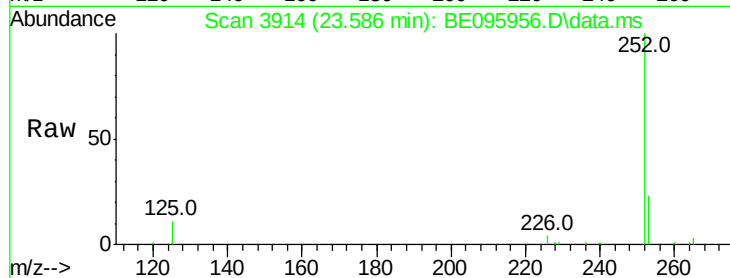
Tgt Ion:252 Resp: 17820

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

125 10.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.79 ng/ul

RT: 23.635 min Scan# 3921

Delta R.T. -0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

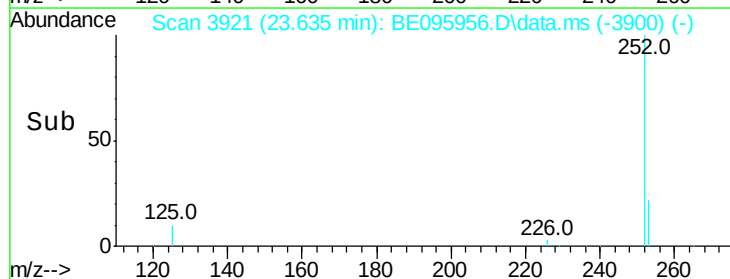
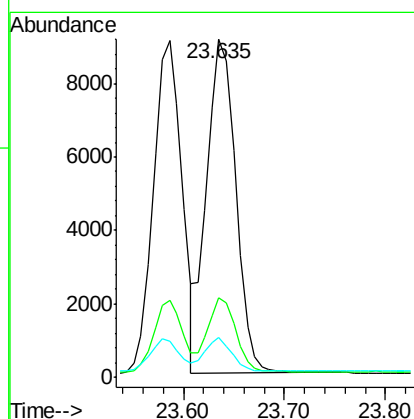
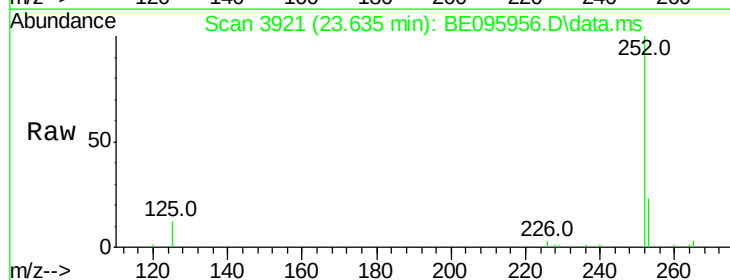
Tgt Ion:252 Resp: 18212

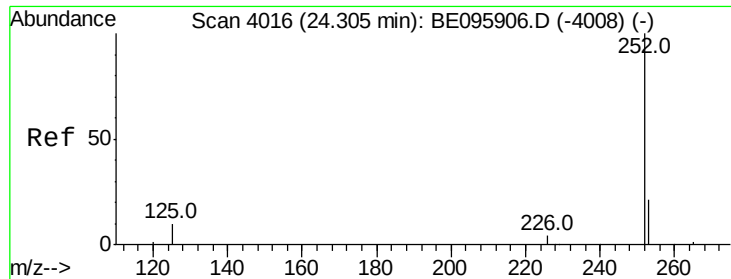
Ion Ratio Lower Upper

252 100

253 23.4 24.5 36.7#

125 11.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.78 ng/ul

RT: 24.275 min Scan# 4016

Delta R.T. -0.007 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.832

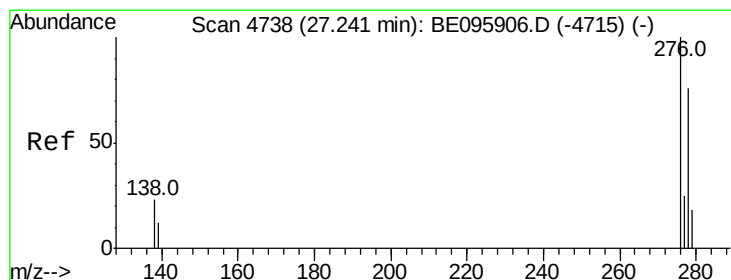
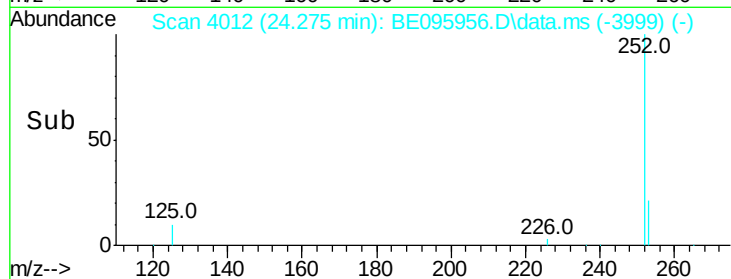
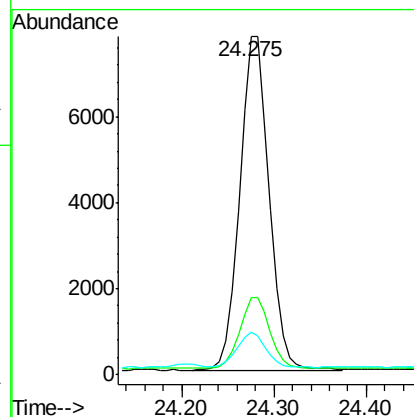
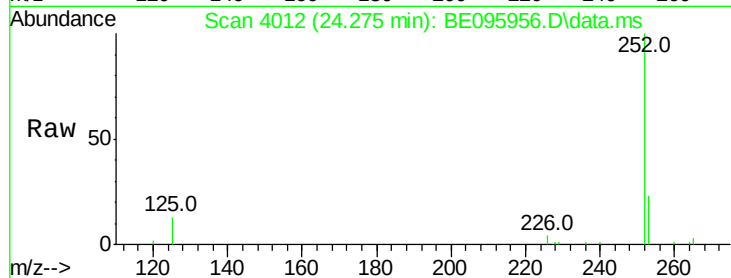
Tgt Ion:252 Resp: 17306

Ion Ratio Lower Upper

252 100

253 22.9 28.5 42.7#

125 12.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.79 ng/ul

RT: 27.200 min Scan# 4727

Delta R.T. -0.000 min

Lab File: BE095956.D

Acq: 6 Apr 2018 14:51

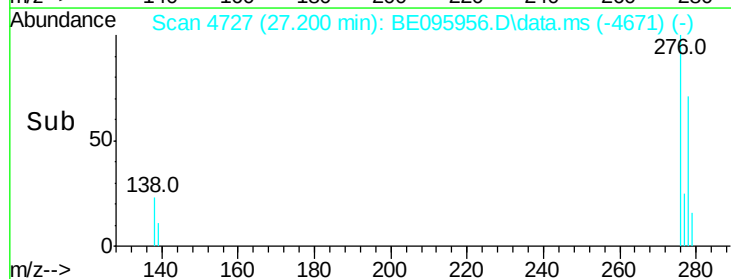
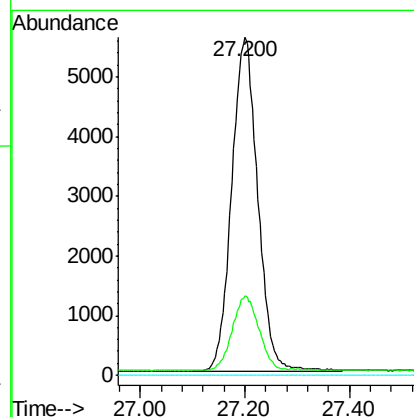
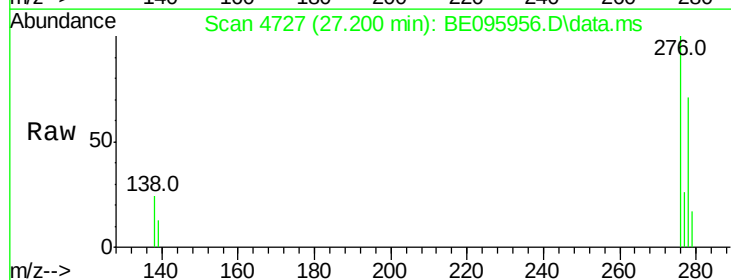
Tgt Ion:276 Resp: 19533

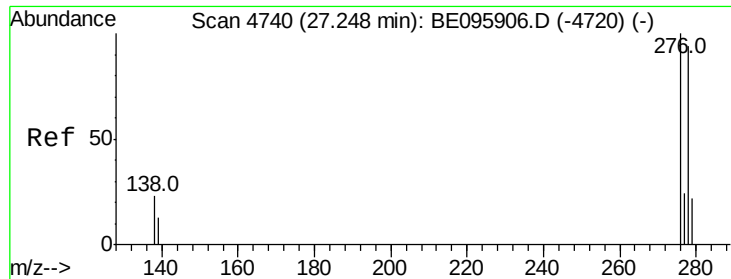
Ion Ratio Lower Upper

276 100

138 22.6 28.0 42.0#

227 0.0 8.0 12.0#

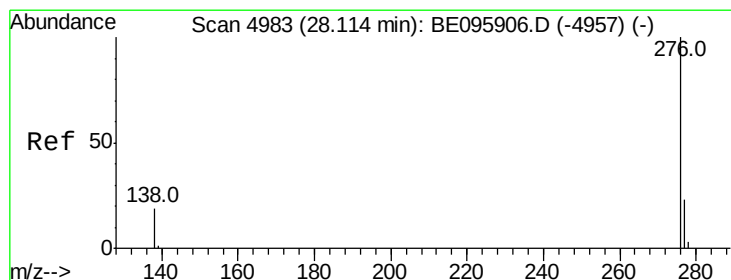
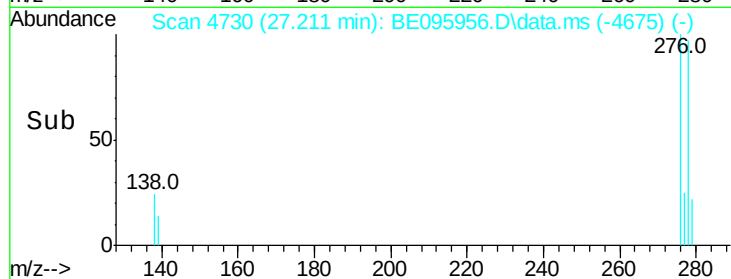
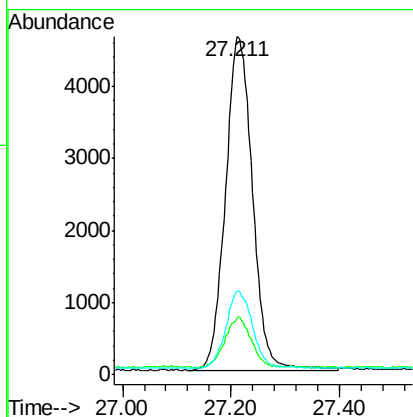
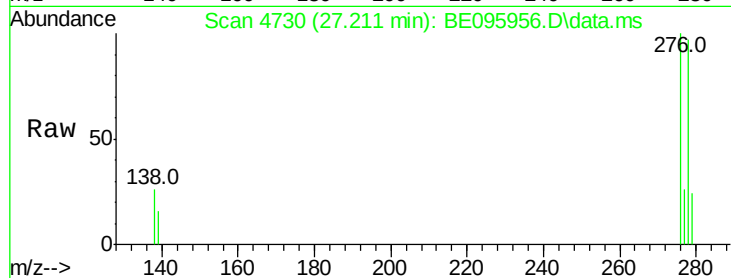




#25
Dibenzo(a,h)anthracene
Concen: 0.82 ng/ul
RT: 27.211 min Scan# 47
Delta R.T. -0.004 min
Lab File: BE095956.D
Acq: 6 Apr 2018 14:51

Instrument :
BNA_E
ClientSampleId :
SSTD0.832

Tgt Ion:278 Resp: 16023
Ion Ratio Lower Upper
278 100
139 16.5 17.4 26.0#
279 24.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.77 ng/ul
RT: 28.074 min Scan# 4972
Delta R.T. -0.000 min
Lab File: BE095956.D
Acq: 6 Apr 2018 14:51

Tgt Ion:276 Resp: 16262
Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.8#
277 25.2 20.5 30.7

