

Data Path : Z:\HPCHEM1\BNA_E\Data\BE040618\
 Data File : BE095953.D
 Acq On : 6 Apr 2018 13:04
 Operator : SJ/JU
 Sample : SST0.129
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST0.129

Quant Time: Apr 06 15:02:34 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)

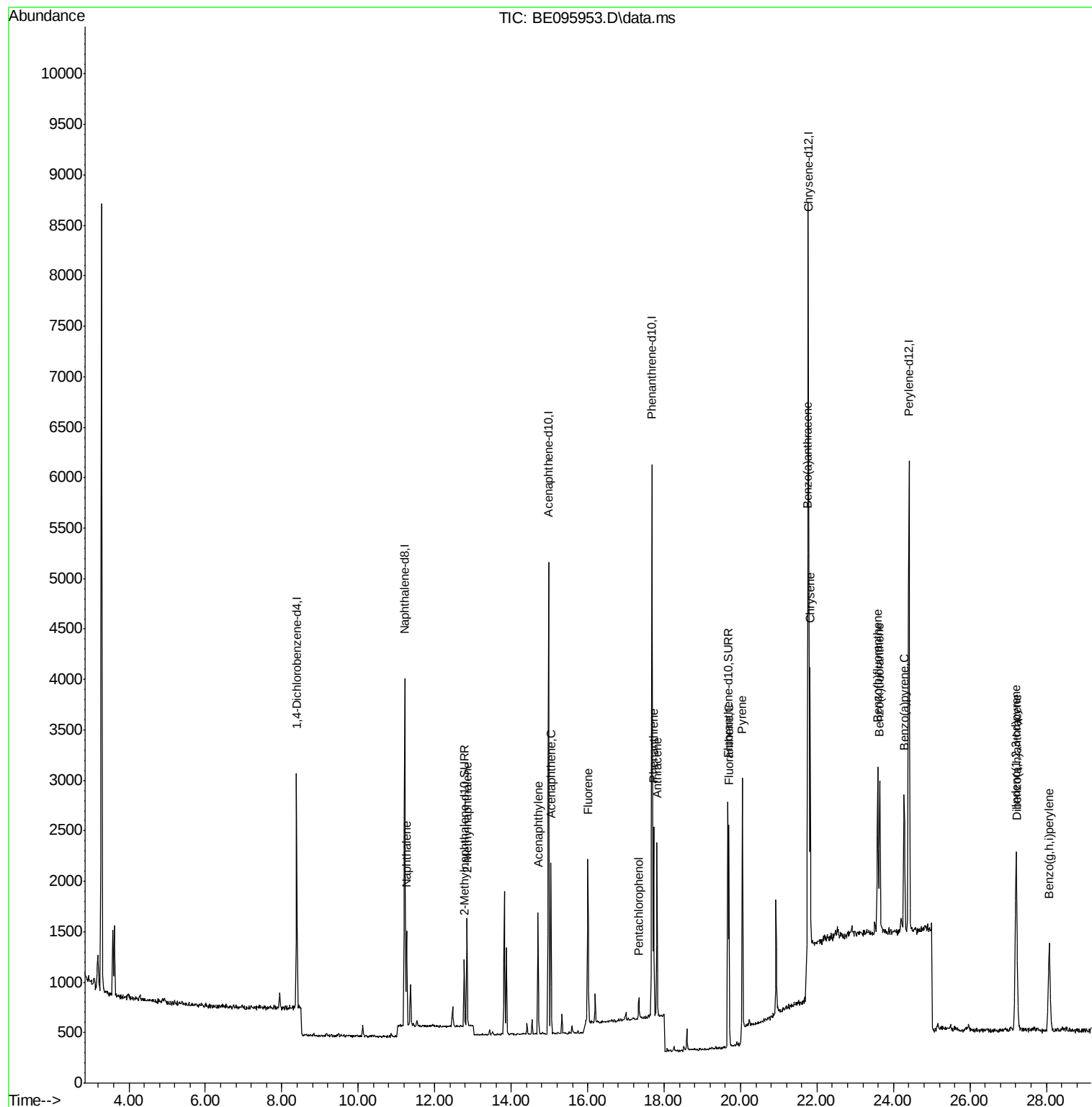
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.389	152	1789	0.40	ng/ul	0.00
2) Naphthalene-d8	11.215	136	4504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.978	164	2570	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.684	188	6252	0.40	ng/ul	0.00
16) Chrysene-d12	21.781	240	7232	0.40	ng/ul	0.00
20) Perylene-d12	24.404	264	6988	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.769	152	866	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.666	212	2633	0.13	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.266	128	1320	0.10	ng/ul#	85
5) 2-Methylnaphthalene	12.840	142	880	0.10	ng/ul	99
7) Acenaphthylene	14.702	152	1346	0.10	ng/ul	95
8) Acenaphthene	15.037	153	989	0.10	ng/ul	92
9) Fluorene	16.002	166	1116	0.11	ng/ul	91
11) Pentachlorophenol	17.346	266	120	0.14	ng/ul	96
12) Phenanthrene	17.726	178	1916	0.10	ng/ul#	89
13) Anthracene	17.817	178	1841	0.11	ng/ul	94
15) Fluoranthene	19.698	202	2586	0.11	ng/ul	86
17) Pyrene	20.050	202	2982	0.11	ng/ul#	83
18) Benzo(a)anthracene	21.760	228	3376	0.14	ng/ul#	87
19) Chrysene	21.816	228	2447	0.10	ng/ul	93
21) Benzo(b)fluoranthene	23.588	252	2324	0.10	ng/ul	94
22) Benzo(k)fluoranthene	23.637	252	2399	0.10	ng/ul#	91
23) Benzo(a)pyrene	24.277	252	2322	0.11	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	27.206	276	2445	0.10	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.220	278	1942	0.10	ng/ul#	93
26) Benzo(g,h,i)perylene	28.072	276	2052	0.10	ng/ul#	91

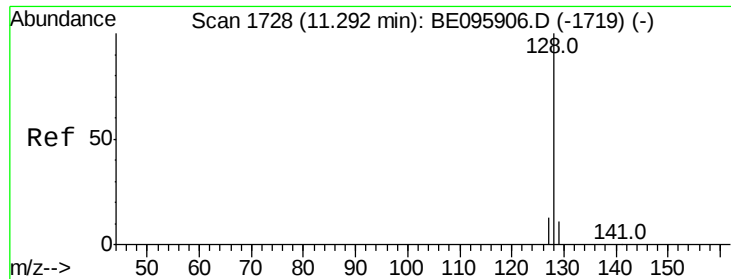
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 11.266 min Scan# 17

Delta R.T. 0.006 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

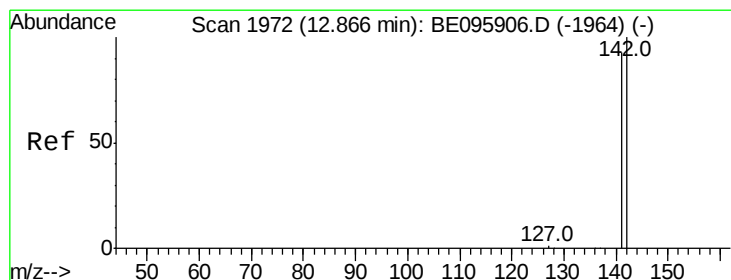
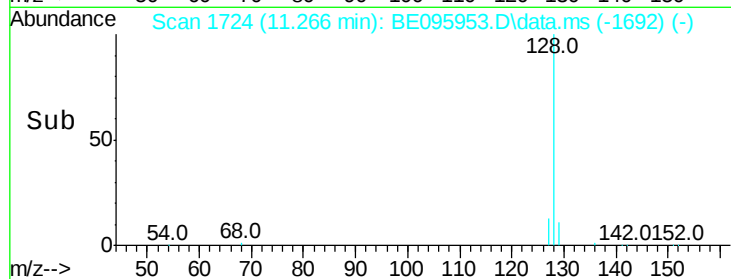
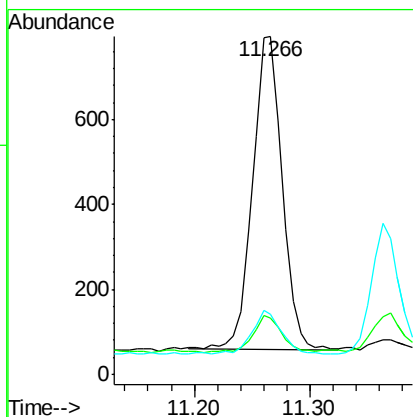
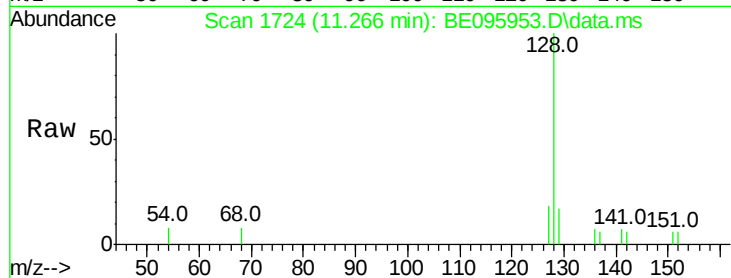
Tgt Ion:128 Resp: 1320

Ion Ratio Lower Upper

128 100

129 16.7 11.3 16.9

127 18.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.10 ng/ul

RT: 12.840 min Scan# 1968

Delta R.T. -0.000 min

Lab File: BE095953.D

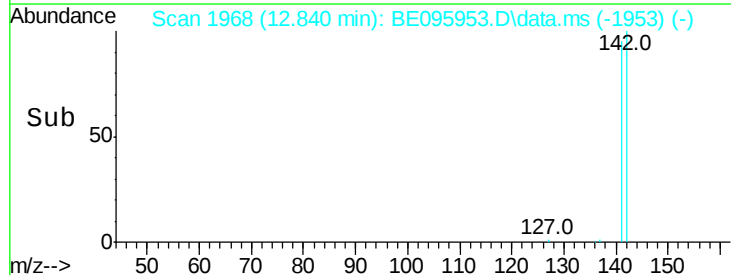
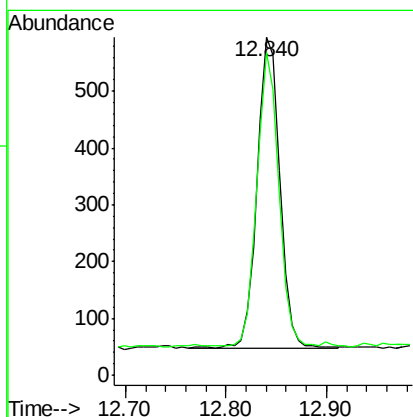
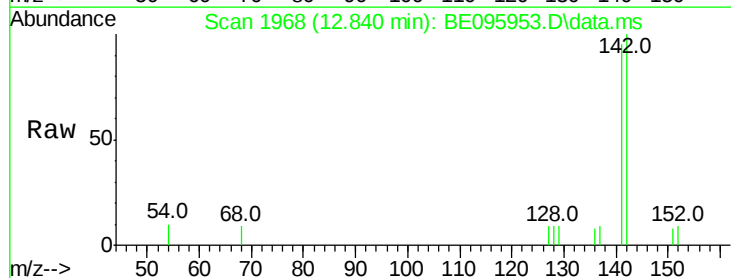
Acq: 6 Apr 2018 13:04

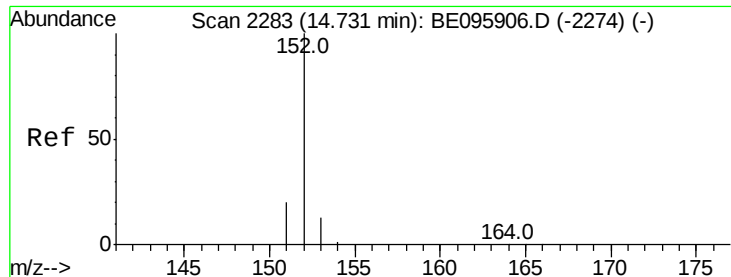
Tgt Ion:142 Resp: 880

Ion Ratio Lower Upper

142 100

141 89.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.702 min Scan# 22

Delta R.T. -0.000 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

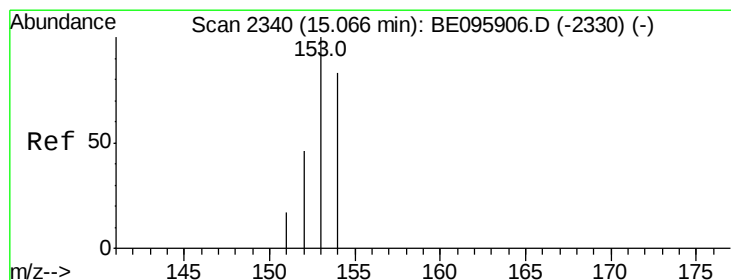
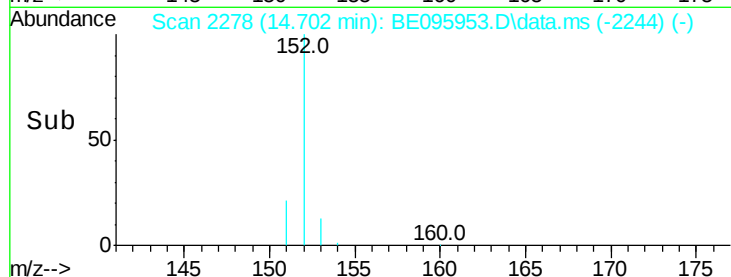
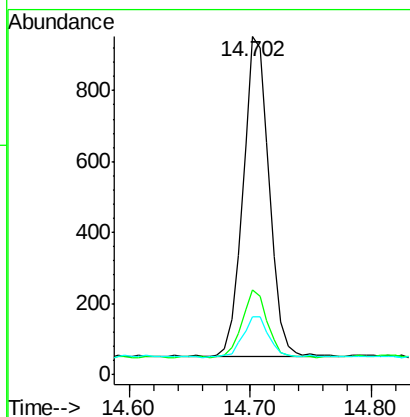
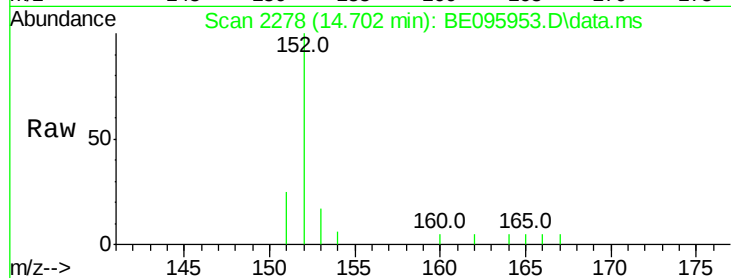
Tgt Ion:152 Resp: 1346

Ion Ratio Lower Upper

152 100

151 24.9 17.1 25.7

153 17.2 12.8 19.2



#8

Acenaphthene

Concen: 0.10 ng/ul

RT: 15.037 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

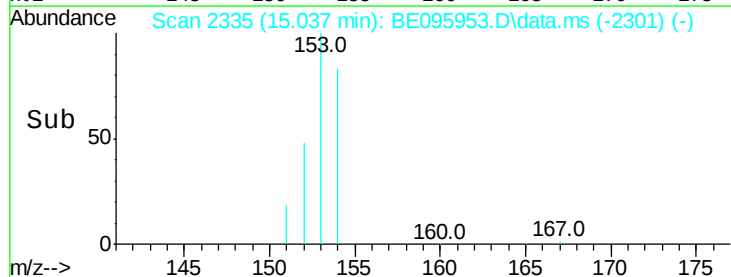
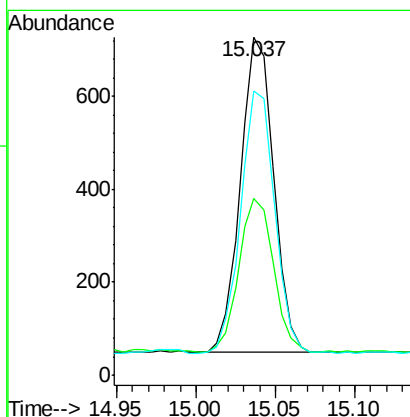
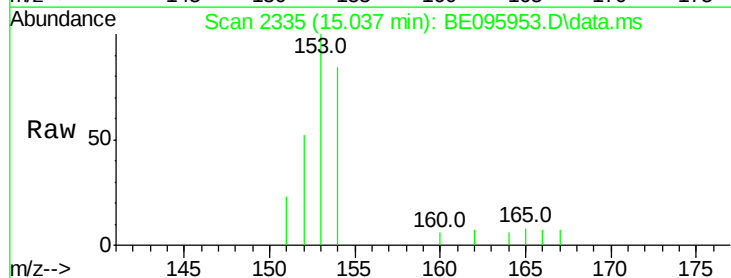
Tgt Ion:153 Resp: 989

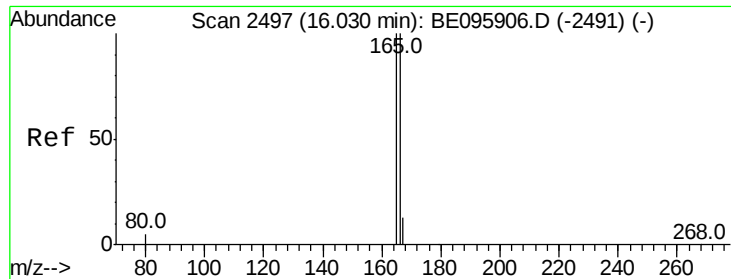
Ion Ratio Lower Upper

153 100

152 52.3 36.0 54.0

154 84.0 72.0 108.0





#9

Fluorene

Concen: 0.11 ng/ul

RT: 16.002 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

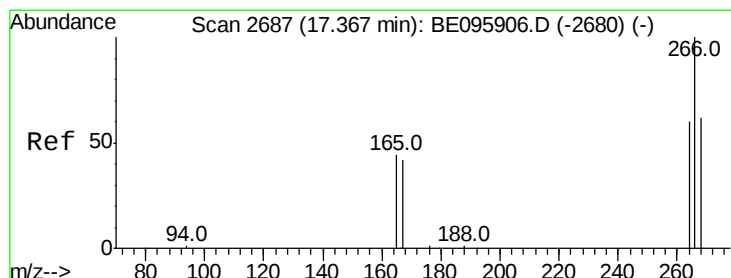
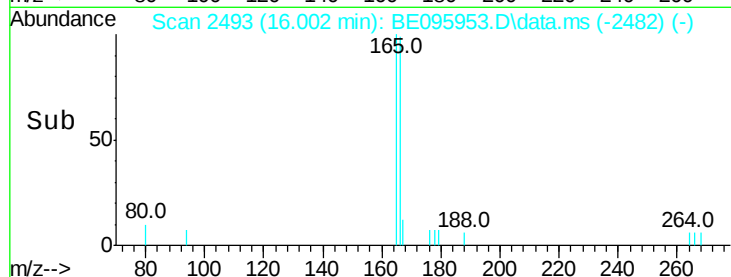
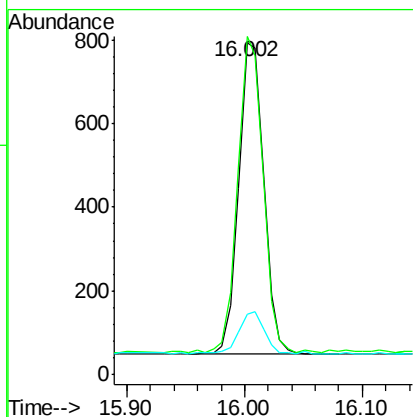
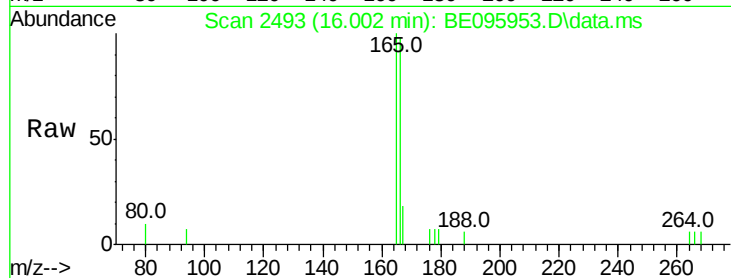
Tgt Ion:166 Resp: 1116

Ion Ratio Lower Upper

166 100

165 101.9 73.4 110.2

167 18.3 14.6 22.0



#11

Pentachlorophenol

Concen: 0.14 ng/ul

RT: 17.346 min Scan# 2684

Delta R.T. 0.007 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

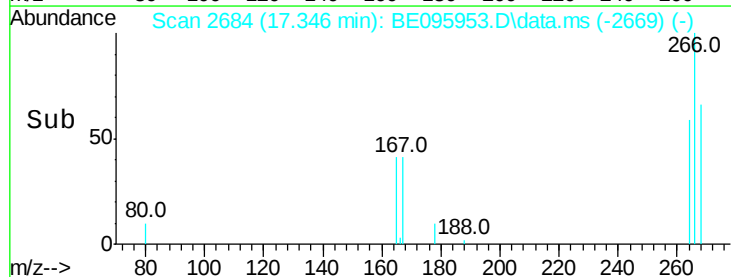
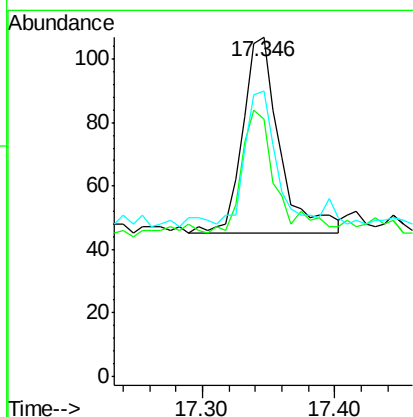
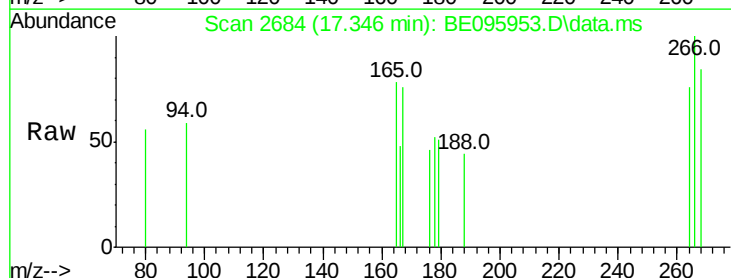
Tgt Ion:266 Resp: 120

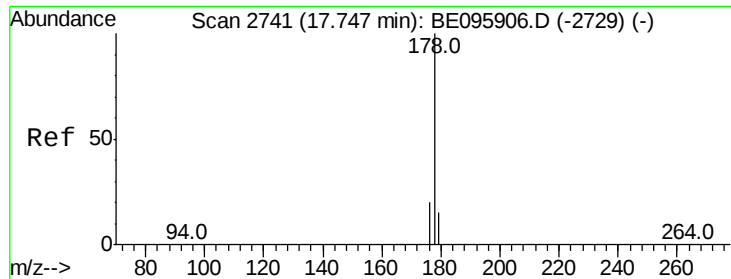
Ion Ratio Lower Upper

266 100

264 59.2 47.9 71.9

268 56.7 49.8 74.8





#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.726 min Scan# 27

Delta R.T. 0.000 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

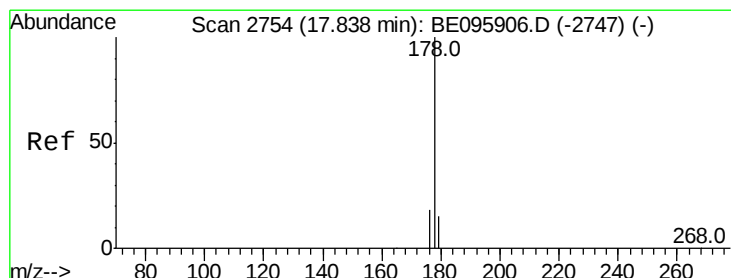
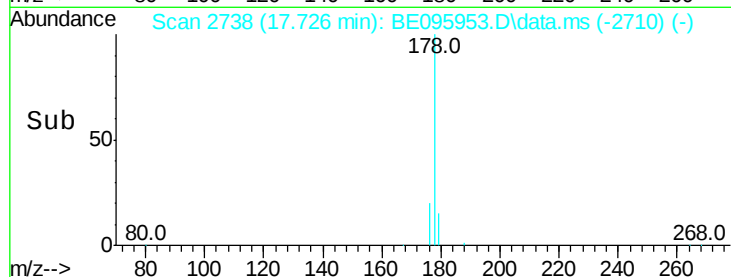
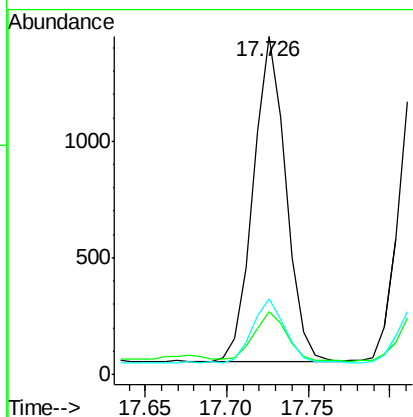
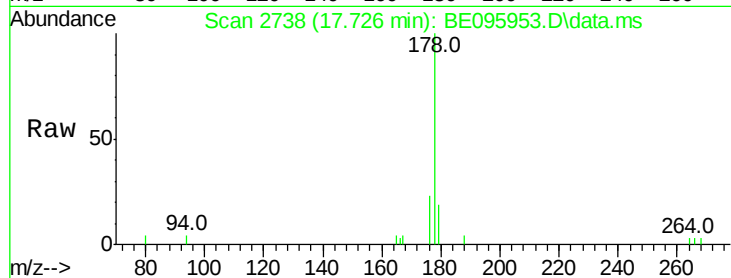
Tgt Ion:178 Resp: 1916

Ion Ratio Lower Upper

178 100

179 18.6 18.4 27.6

176 22.5 13.6 20.4#



#13

Anthracene

Concen: 0.11 ng/ul

RT: 17.817 min Scan# 2751

Delta R.T. 0.000 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

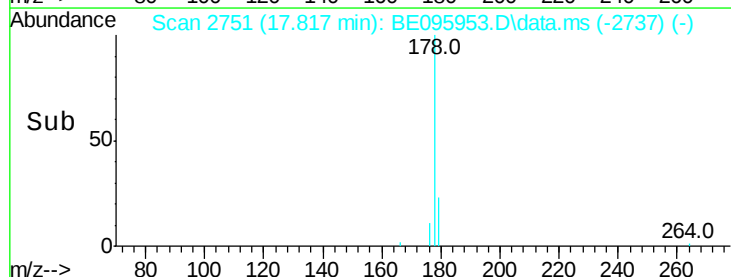
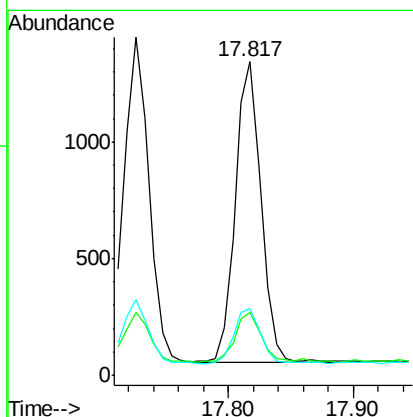
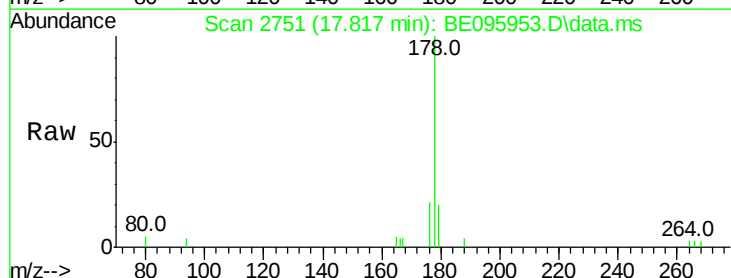
Tgt Ion:178 Resp: 1841

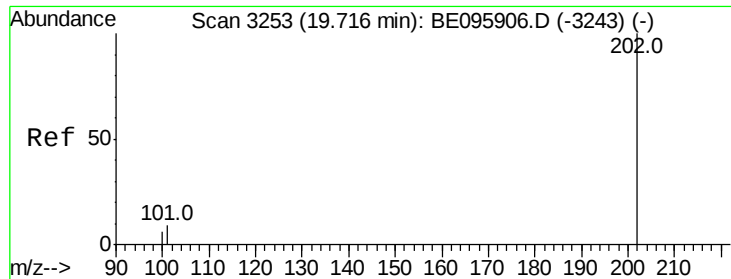
Ion Ratio Lower Upper

178 100

179 20.0 18.1 27.1

176 21.4 14.7 22.1





#15

Fluoranthene

Concen: 0.11 ng/ul

RT: 19.698 min Scan# 32

Delta R.T. 0.004 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

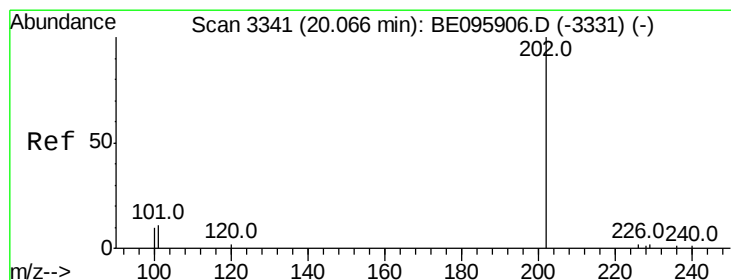
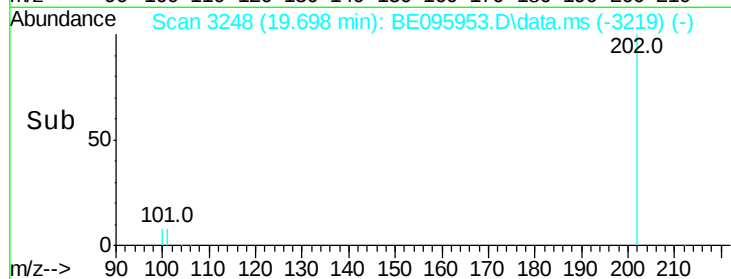
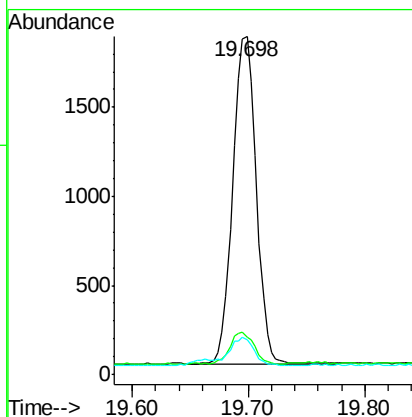
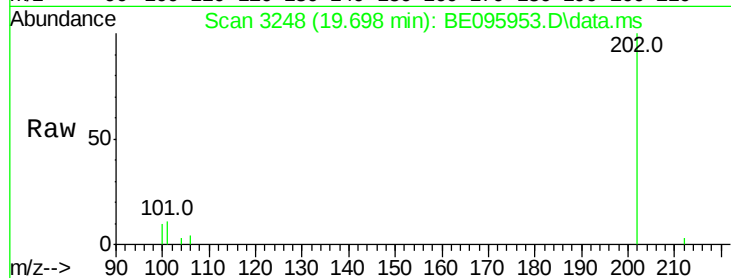
Tgt Ion:202 Resp: 2586

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

100 10.4 0.0 39.5



#17

Pyrene

Concen: 0.11 ng/ul

RT: 20.050 min Scan# 3338

Delta R.T. -0.000 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

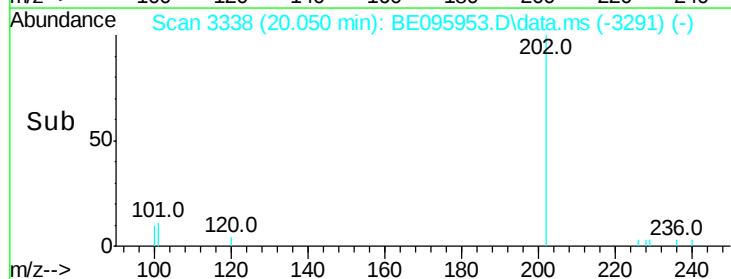
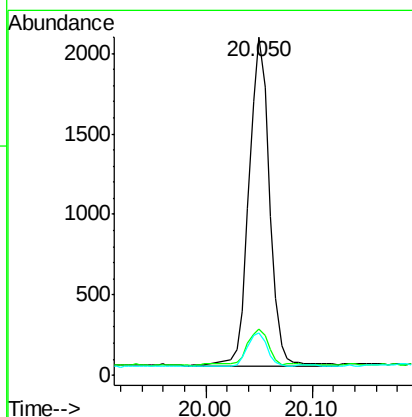
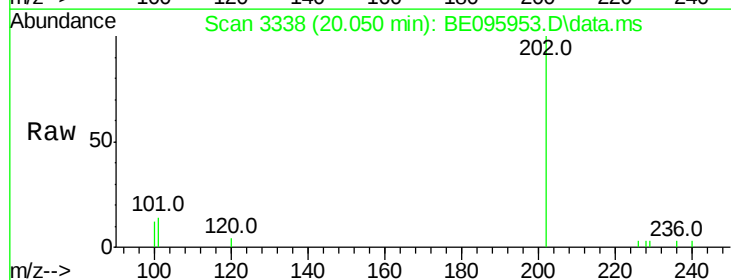
Tgt Ion:202 Resp: 2982

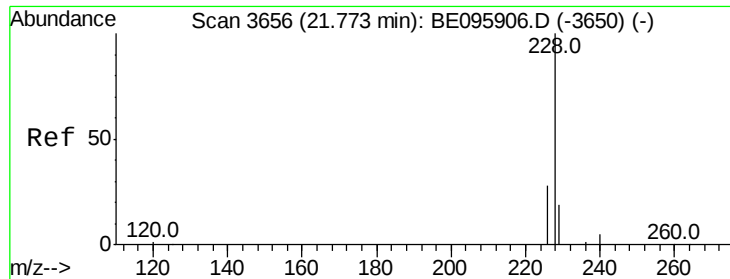
Ion Ratio Lower Upper

202 100

101 13.8 18.2 27.4#

100 12.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.760 min Scan# 3654

Delta R.T. 0.002 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

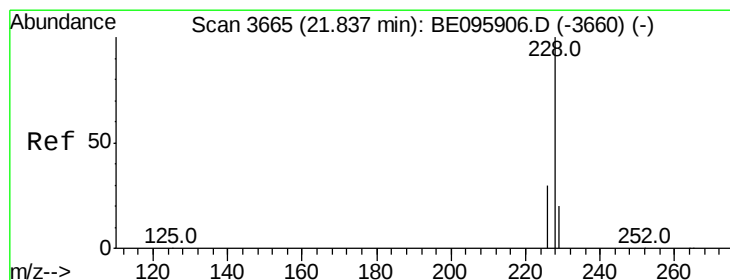
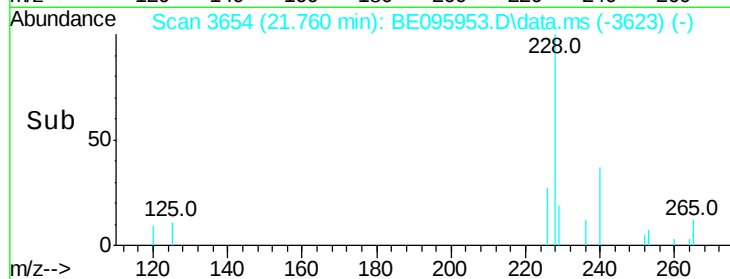
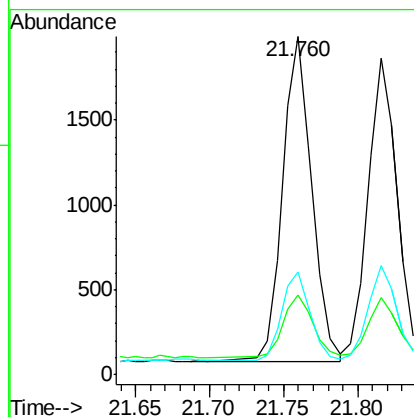
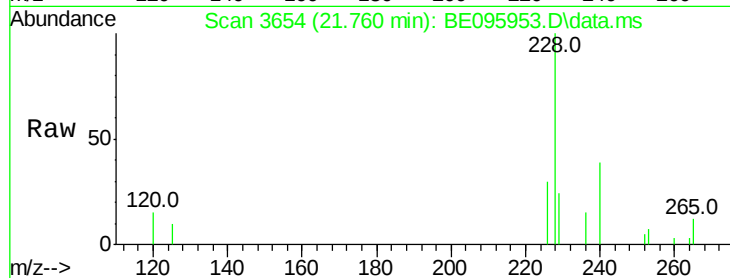
Tgt Ion:228 Resp: 3376

Ion Ratio Lower Upper

228 100

229 23.6 22.8 34.2

226 30.2 17.0 25.6#



#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.816 min Scan# 3662

Delta R.T. 0.002 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

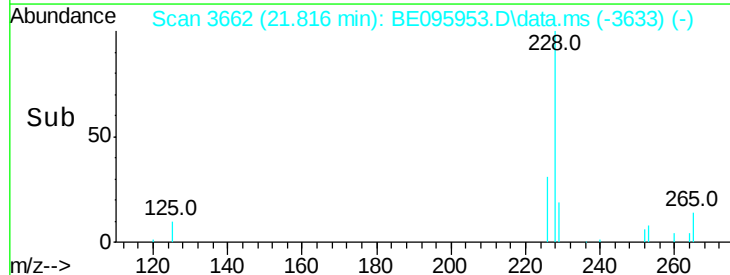
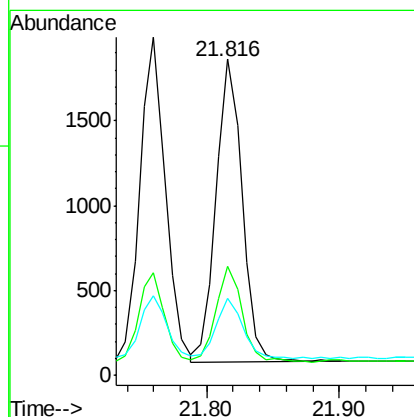
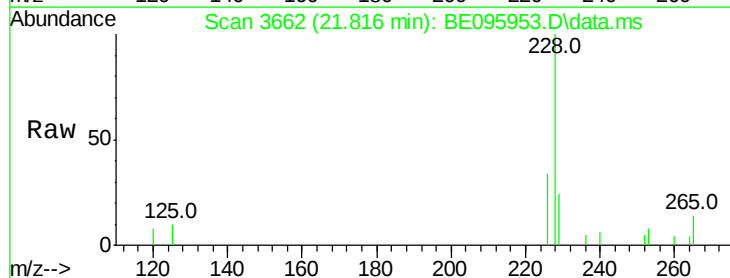
Tgt Ion:228 Resp: 2447

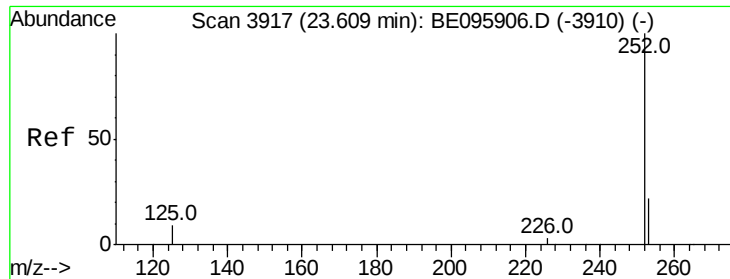
Ion Ratio Lower Upper

228 100

226 34.5 23.4 35.0

229 24.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 23.588 min Scan# 3914

Delta R.T. 0.002 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

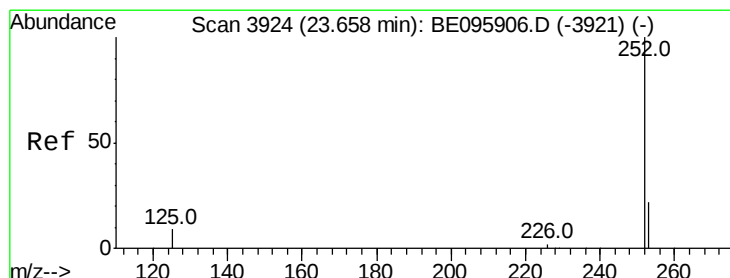
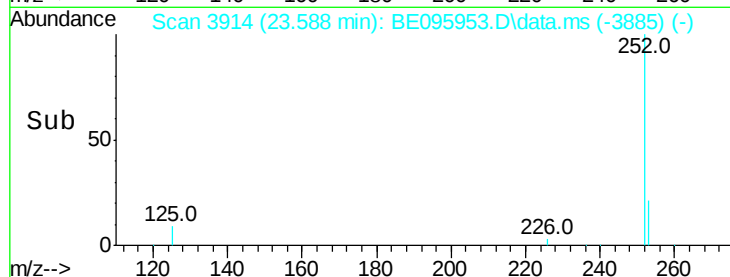
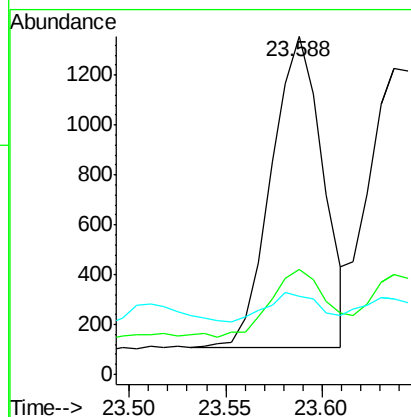
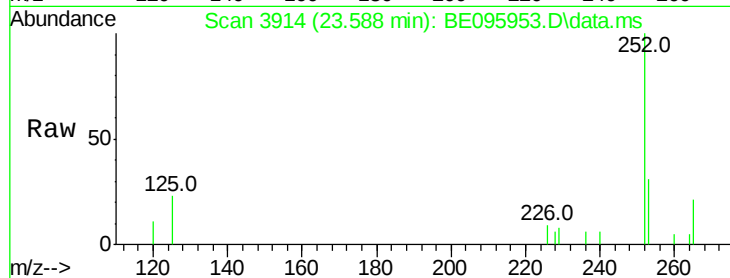
Tgt Ion:252 Resp: 2324

Ion Ratio Lower Upper

252 100

253 30.9 0.0 64.2

125 23.1 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.10 ng/ul

RT: 23.637 min Scan# 3921

Delta R.T. 0.002 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

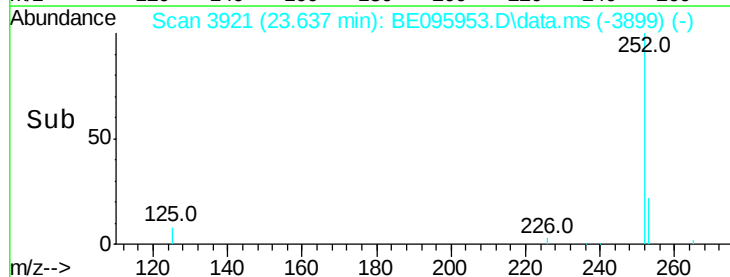
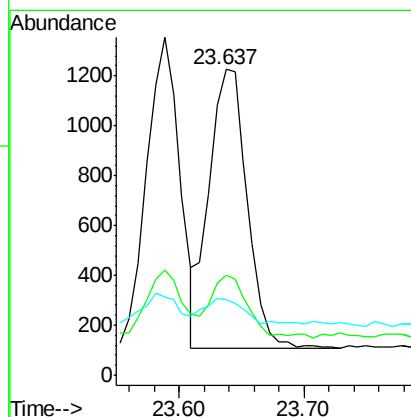
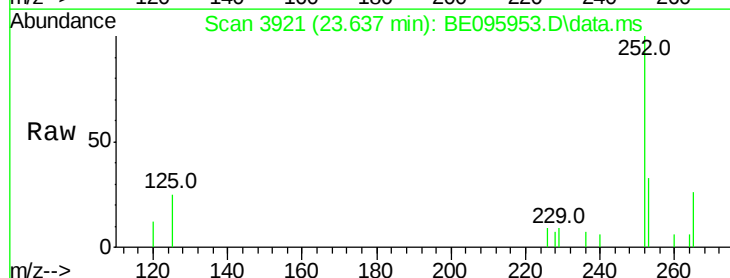
Tgt Ion:252 Resp: 2399

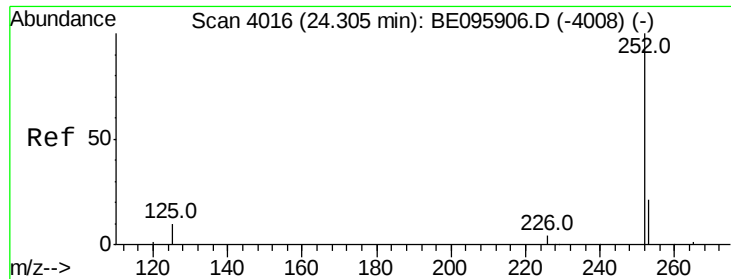
Ion Ratio Lower Upper

252 100

253 32.8 24.5 36.7

125 24.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.11 ng/ul

RT: 24.277 min Scan# 4016

Delta R.T. -0.005 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.129

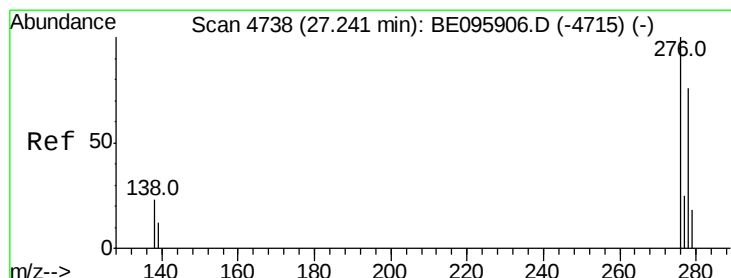
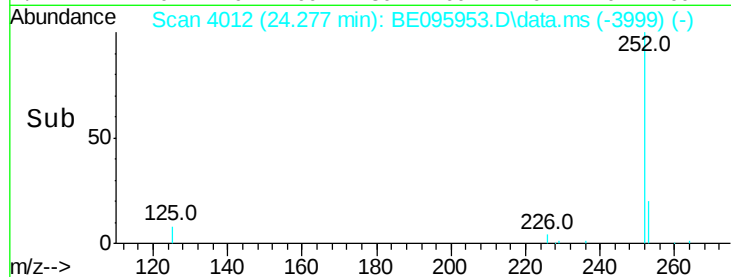
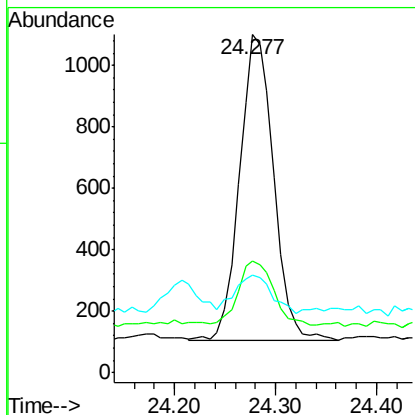
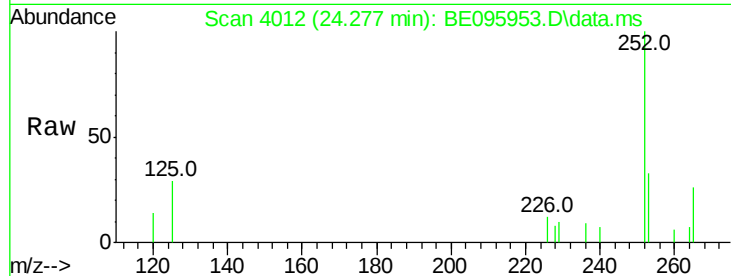
Tgt Ion:252 Resp: 2322

Ion Ratio Lower Upper

252 100

253 33.2 28.5 42.7

125 28.9 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng/ul

RT: 27.206 min Scan# 4728

Delta R.T. 0.005 min

Lab File: BE095953.D

Acq: 6 Apr 2018 13:04

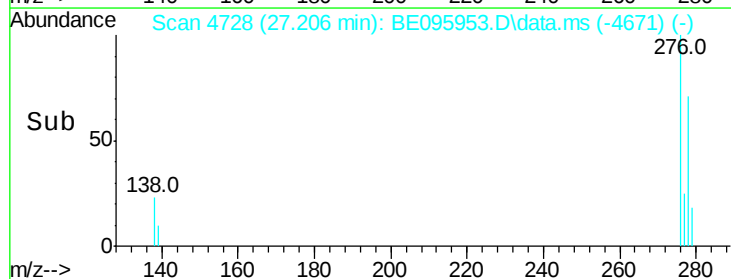
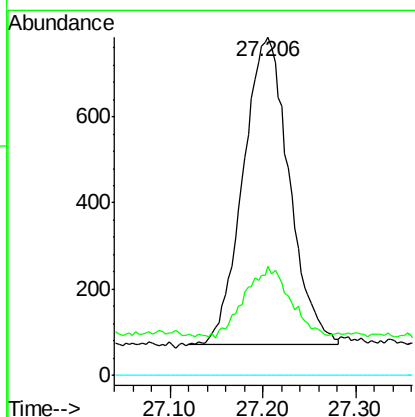
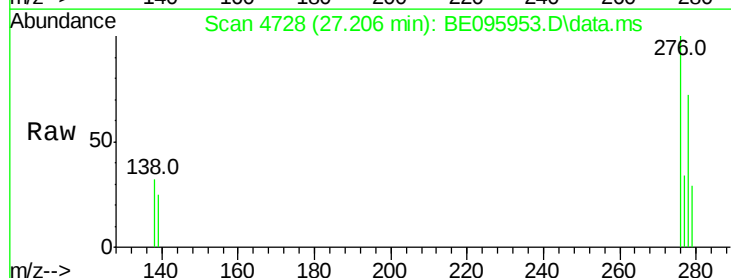
Tgt Ion:276 Resp: 2445

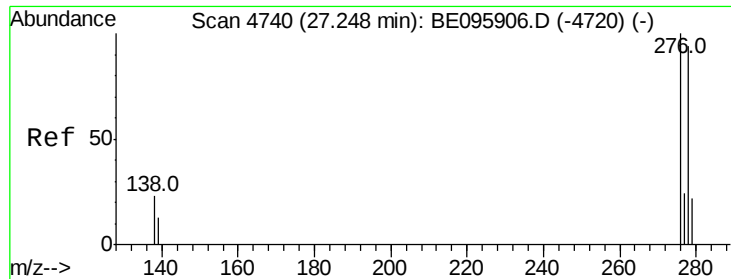
Ion Ratio Lower Upper

276 100

138 22.5 28.0 42.0#

227 0.0 8.0 12.0#

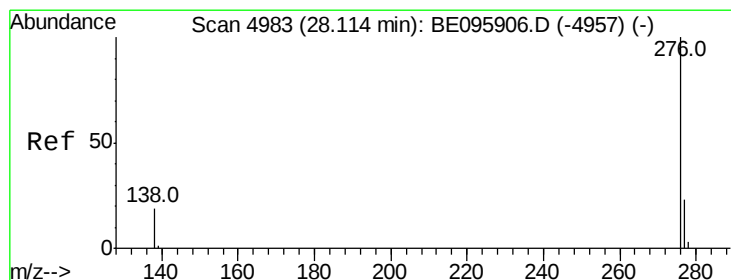
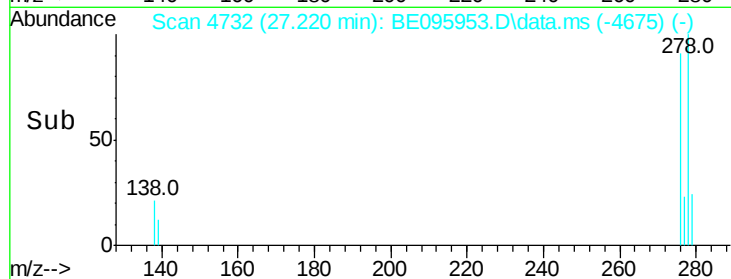
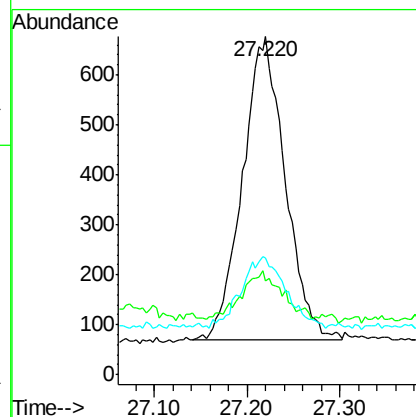
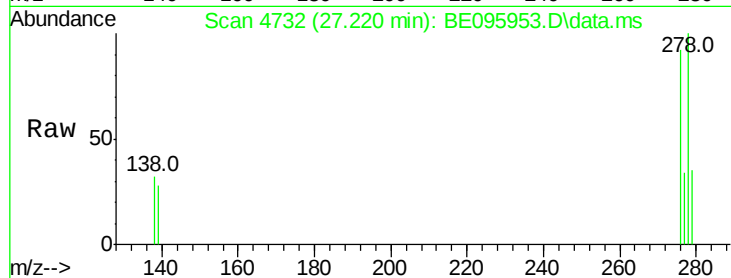




#25
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 27.220 min Scan# 47
 Delta R.T. 0.005 min
 Lab File: BE095953.D
 Acq: 6 Apr 2018 13:04

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.129

Tgt Ion:278 Resp: 1942
 Ion Ratio Lower Upper
 278 100
 139 27.8 17.4 26.0#
 279 34.6 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.10 ng/ul
 RT: 28.072 min Scan# 4971
 Delta R.T. -0.002 min
 Lab File: BE095953.D
 Acq: 6 Apr 2018 13:04

Tgt Ion:276 Resp: 2052
 Ion Ratio Lower Upper
 276 100
 138 30.6 21.8 32.8
 277 31.8 20.5 30.7#

