

Data Path : Z:\HPCHEM1\BNA_E\Data\BE040618\
 Data File : BE095957.D
 Acq On : 6 Apr 2018 15:27
 Operator : SJ/JU
 Sample : SSTD1.633
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD1.633

Quant Time: Apr 06 16:44:58 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)

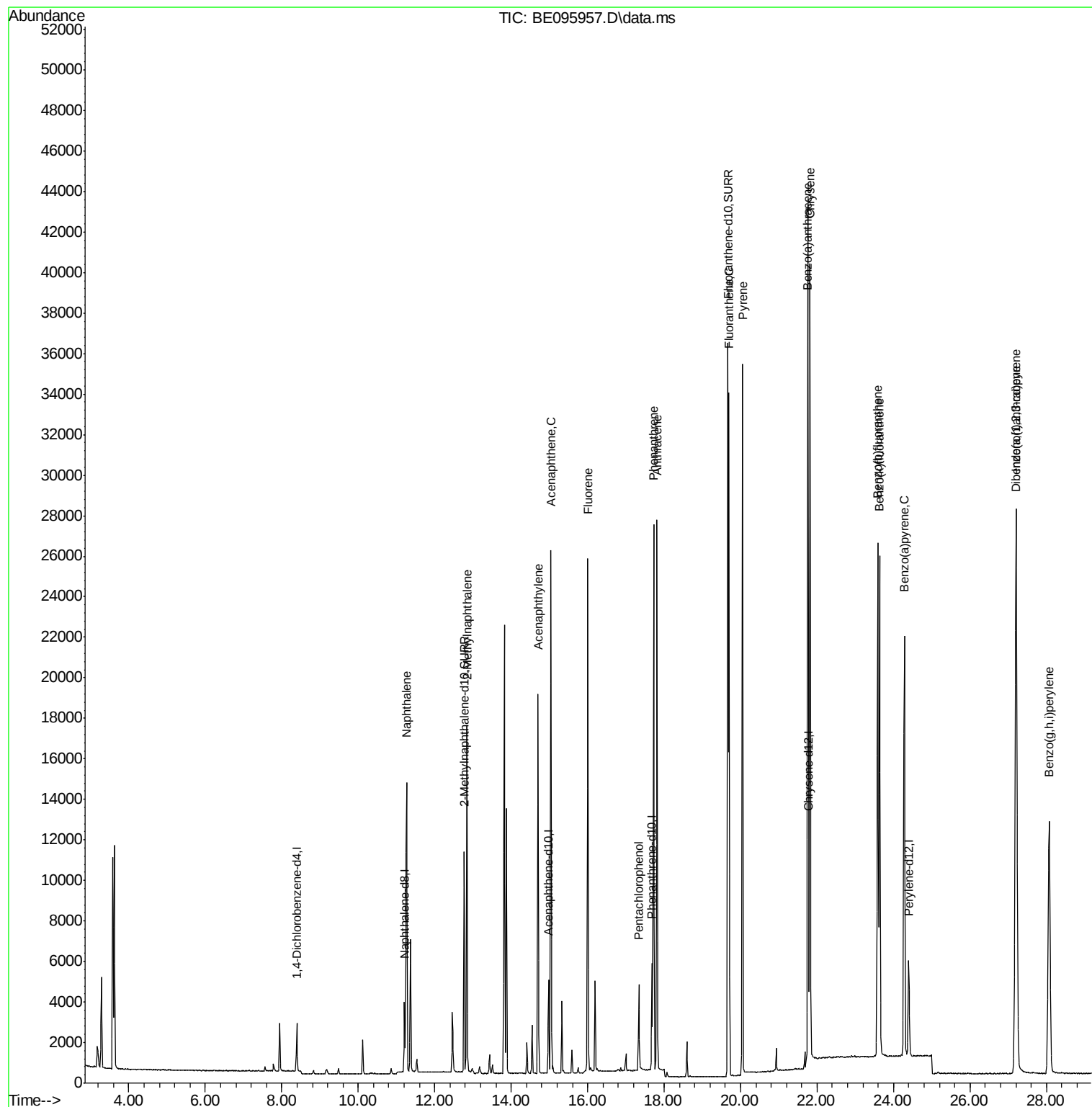
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.389	152	1792	0.40	ng/ul	0.00
2) Naphthalene-d8	11.215	136	4597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.977	164	2579	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.682	188	6057	0.40	ng/ul	0.00
16) Chrysene-d12	21.780	240	7190	0.40	ng/ul	0.00
20) Perylene-d12	24.395	264	7077	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.770	152	13446	1.73	ng/ul	0.00
14) Fluoranthene-d10	19.666	212	39597	2.06	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.260	128	19866	1.55	ng/ul#	88
5) 2-Methylnaphthalene	12.841	142	13596	1.52	ng/ul	99
7) Acenaphthylene	14.701	152	21256	1.63	ng/ul	96
8) Acenaphthene	15.036	153	15017	1.53	ng/ul	94
9) Fluorene	16.008	166	16893	1.59	ng/ul#	92
11) Pentachlorophenol	17.338	266	2159	2.54	ng/ul	99
12) Phenanthrene	17.725	178	28031	1.55	ng/ul#	88
13) Anthracene	17.816	178	28587	1.69	ng/ul#	91
15) Fluoranthene	19.695	202	38223	1.74	ng/ul	84
17) Pyrene	20.051	202	40035	1.47	ng/ul#	77
18) Benzo(a)anthracene	21.758	228	50093	2.16	ng/ul#	85
19) Chrysene	21.815	228	35956	1.52	ng/ul	96
21) Benzo(b)fluoranthene	23.587	252	34858	1.42	ng/ul	83
22) Benzo(k)fluoranthene	23.636	252	35538	1.53	ng/ul#	84
23) Benzo(a)pyrene	24.283	252	33975	1.52	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.201	276	38506	1.55	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.211	278	31515	1.59	ng/ul#	86
26) Benzo(g,h,i)perylene	28.071	276	32083	1.50	ng/ul#	92

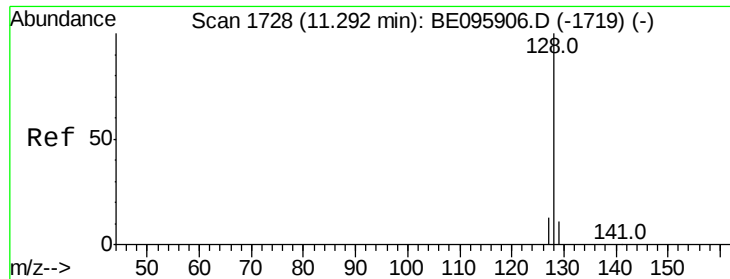
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE040618\
Data File : BE095957.D
Acq On : 6 Apr 2018 15:27
Operator : SJ/JU
Sample : SSTD1.633
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD1.633

Quant Time: Apr 06 16:44:58 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





#3

Naphthalene

Concen: 1.55 ng/ul

RT: 11.260 min Scan# 17

Delta R.T. 0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

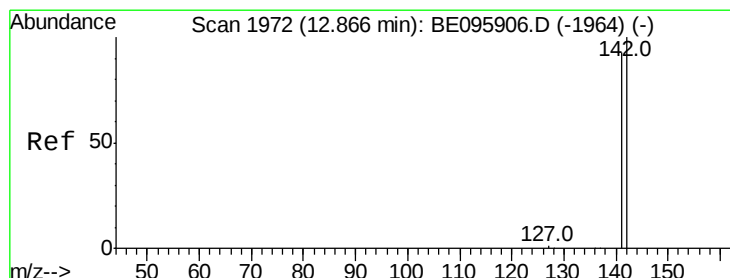
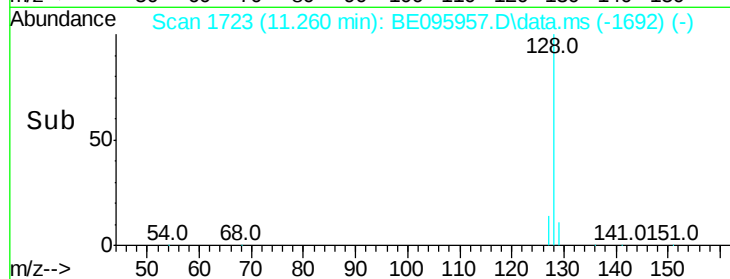
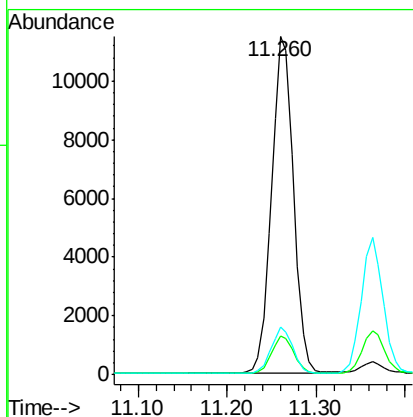
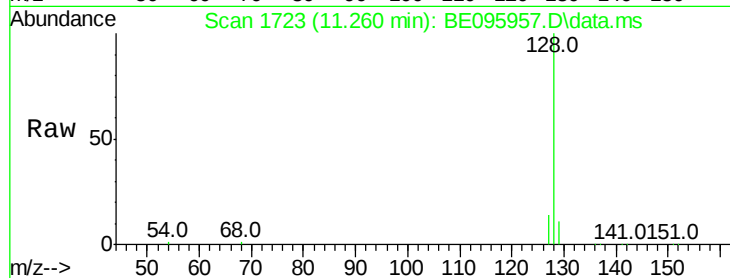
Tgt Ion:128 Resp: 19866

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

127 14.1 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 1.52 ng/ul

RT: 12.841 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BE095957.D

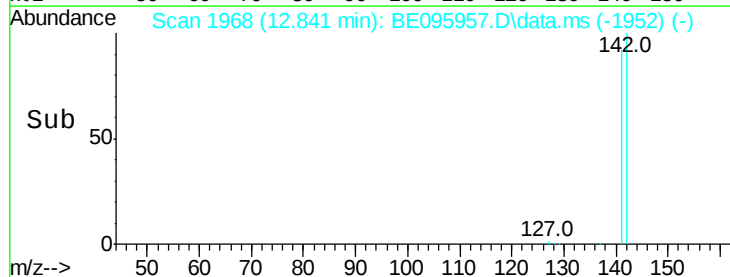
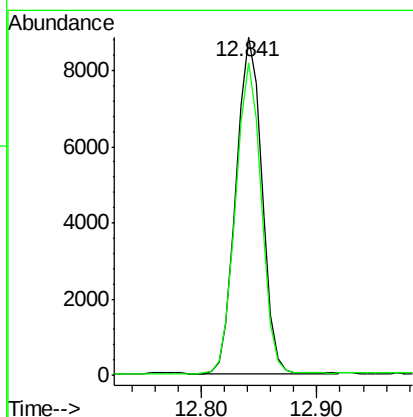
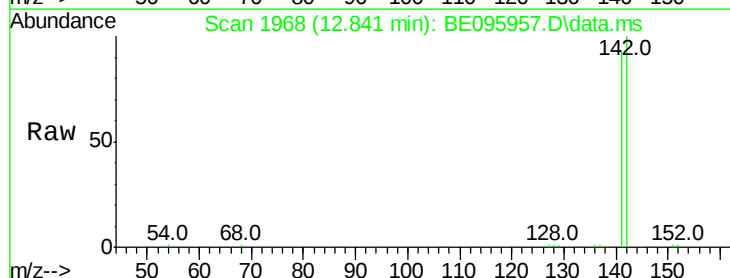
Acq: 6 Apr 2018 15:27

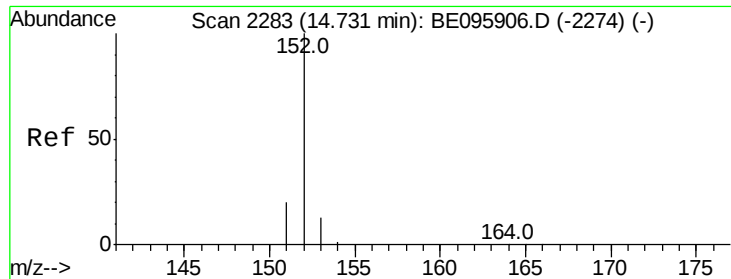
Tgt Ion:142 Resp: 13596

Ion Ratio Lower Upper

142 100

141 91.4 72.6 108.8





#7

Acenaphthylene

Concen: 1.63 ng/ul

RT: 14.701 min Scan# 22

Delta R.T. -0.001 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

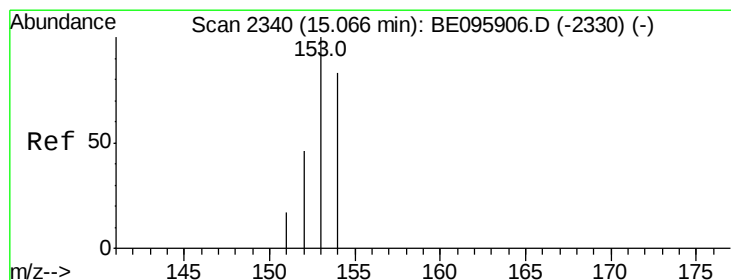
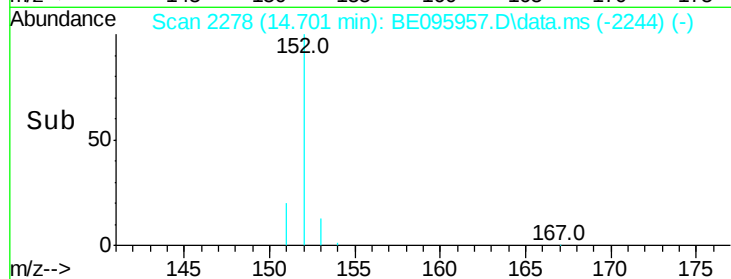
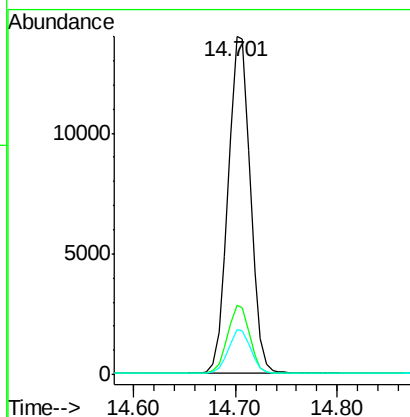
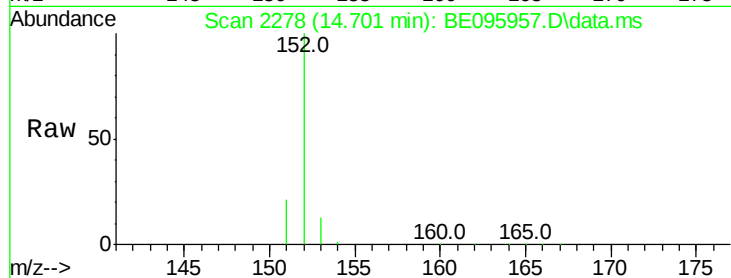
Tgt Ion:152 Resp: 21256

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

153 13.3 12.8 19.2



#8

Acenaphthene

Concen: 1.53 ng/ul

RT: 15.036 min Scan# 2335

Delta R.T. -0.001 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

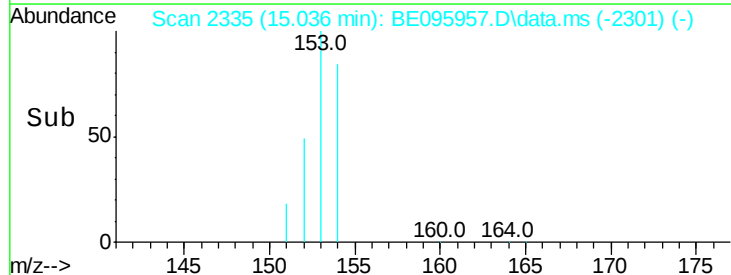
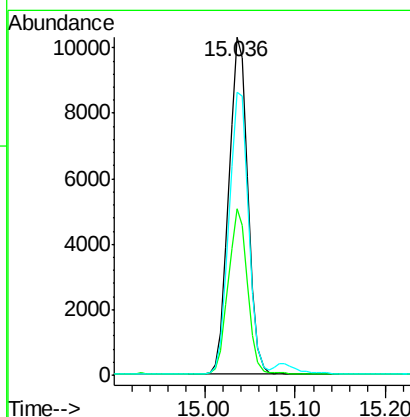
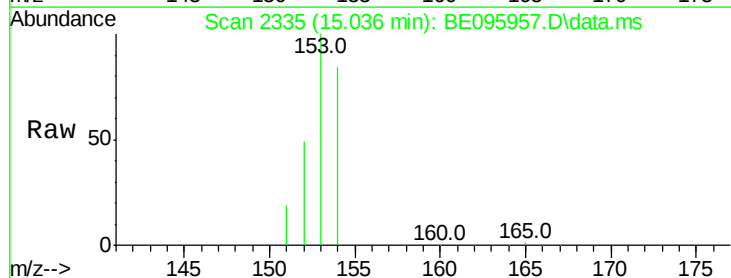
Tgt Ion:153 Resp: 15017

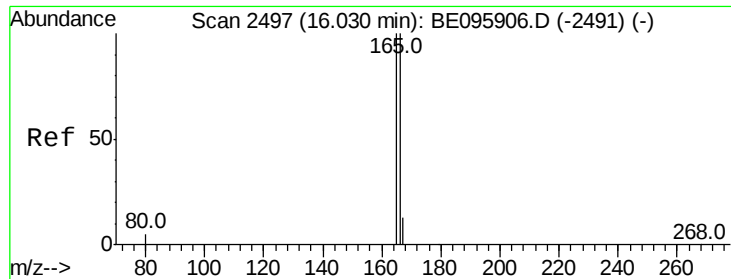
Ion Ratio Lower Upper

153 100

152 49.1 36.0 54.0

154 83.9 72.0 108.0





#9

Fluorene

Concen: 1.59 ng/ul

RT: 16.008 min Scan# 24

Delta R.T. 0.006 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

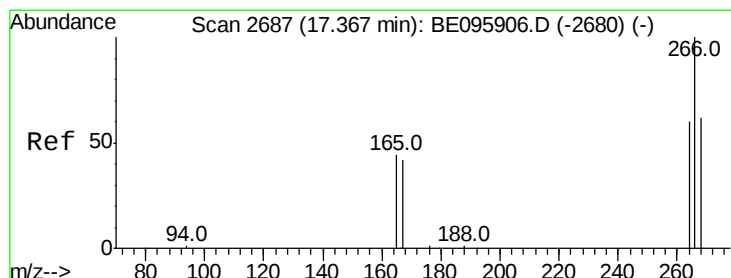
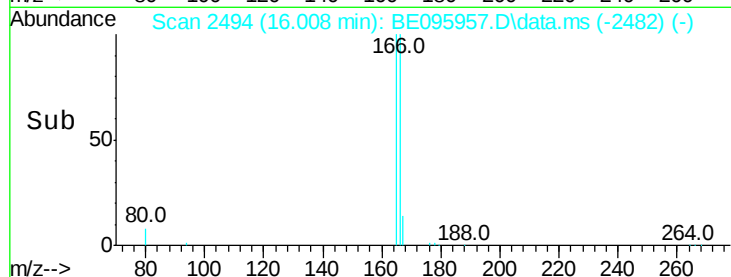
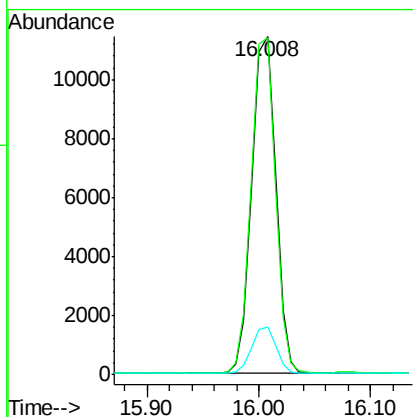
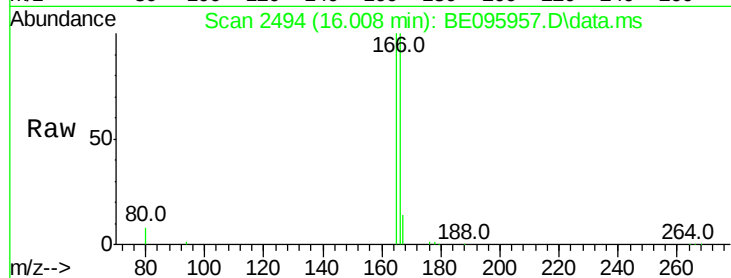
Tgt Ion:166 Resp: 16893

Ion Ratio Lower Upper

166 100

165 99.6 73.4 110.2

167 14.1 14.6 22.0#



#11

Pentachlorophenol

Concen: 2.54 ng/ul

RT: 17.338 min Scan# 2683

Delta R.T. -0.001 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

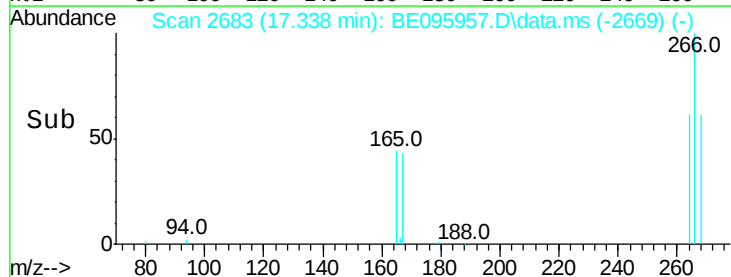
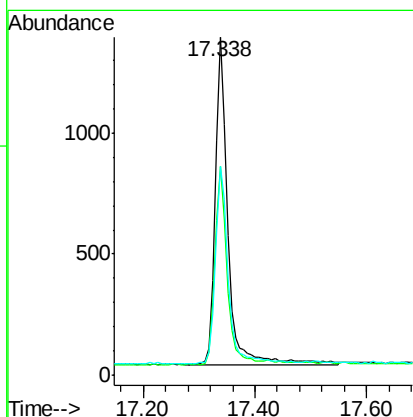
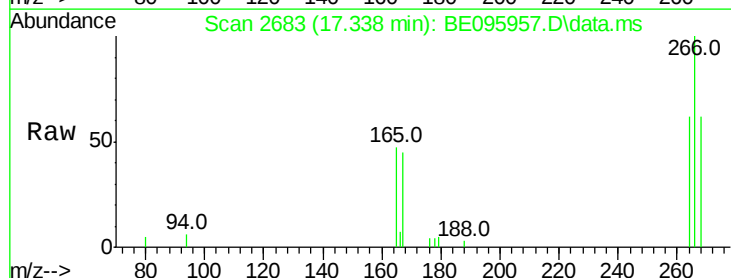
Tgt Ion:266 Resp: 2159

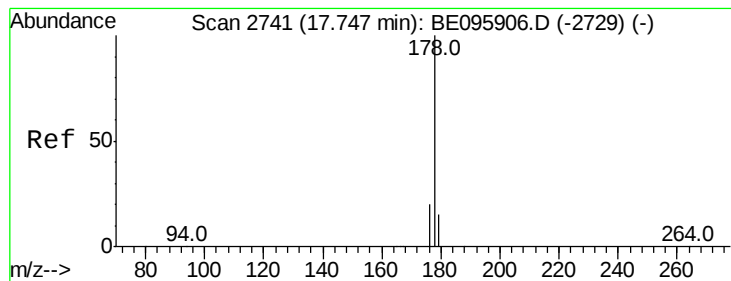
Ion Ratio Lower Upper

266 100

264 60.8 47.9 71.9

268 62.2 49.8 74.8





#12

Phenanthrene

Concen: 1.55 ng/ul

RT: 17.725 min Scan# 27

Delta R.T. -0.001 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

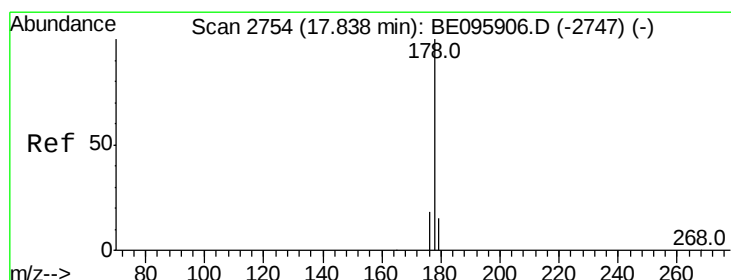
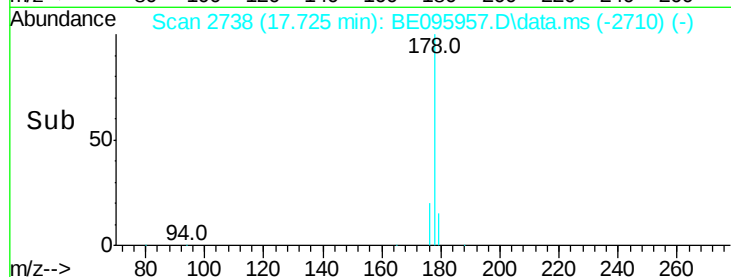
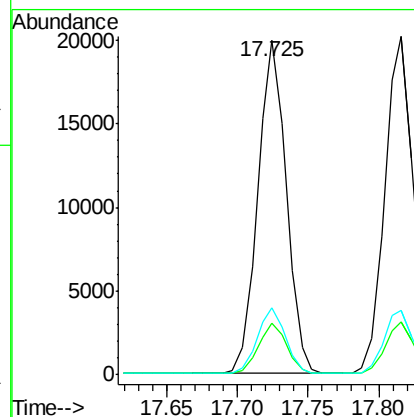
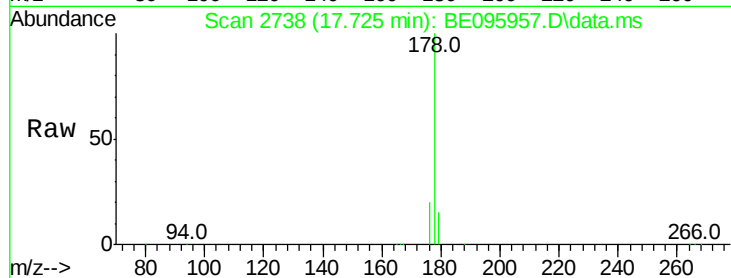
Tgt Ion:178 Resp: 28031

Ion Ratio Lower Upper

178 100

179 15.3 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 1.69 ng/ul

RT: 17.816 min Scan# 2751

Delta R.T. -0.001 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

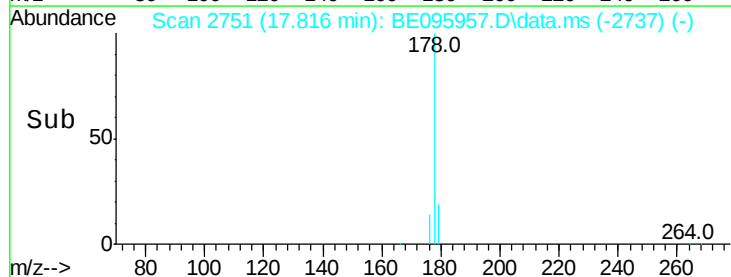
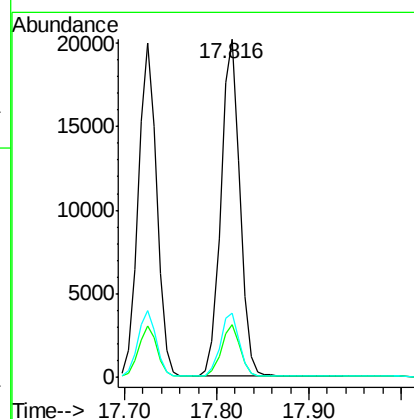
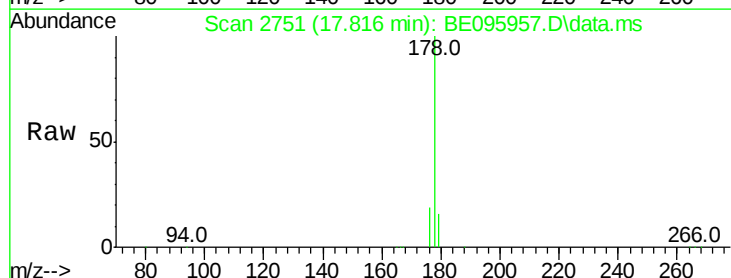
Tgt Ion:178 Resp: 28587

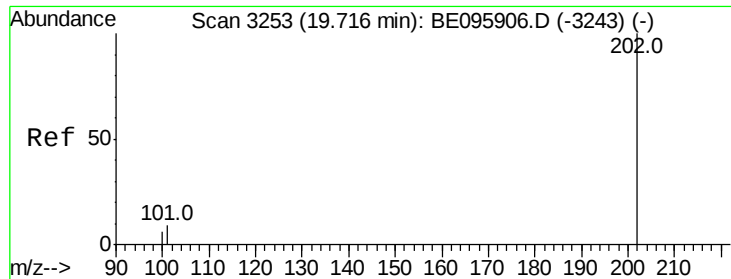
Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

176 19.1 14.7 22.1





#15

Fluoranthene

Concen: 1.74 ng/ul

RT: 19.695 min Scan# 32

Delta R.T. -0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

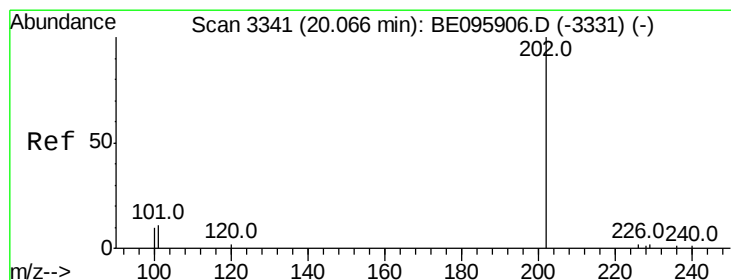
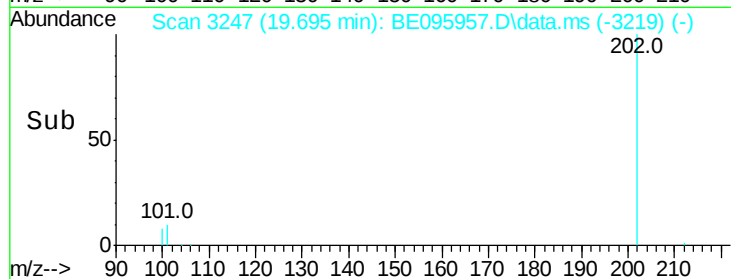
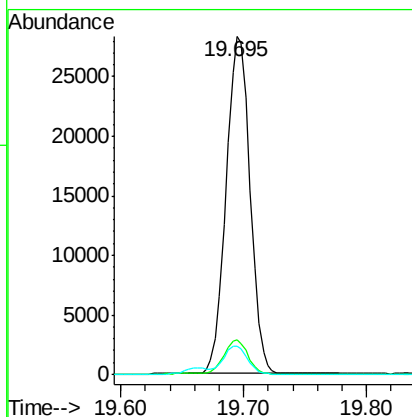
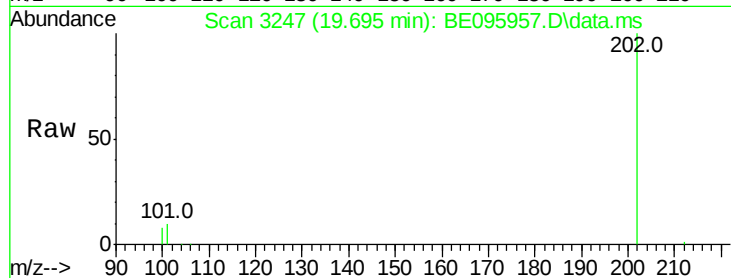
Tgt Ion:202 Resp: 38223

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.3

100 8.5 0.0 39.5



#17

Pyrene

Concen: 1.47 ng/ul

RT: 20.051 min Scan# 3339

Delta R.T. 0.001 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

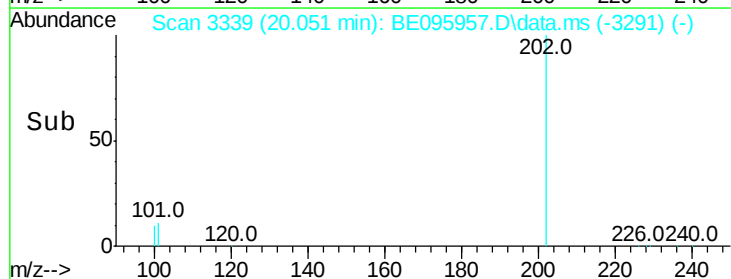
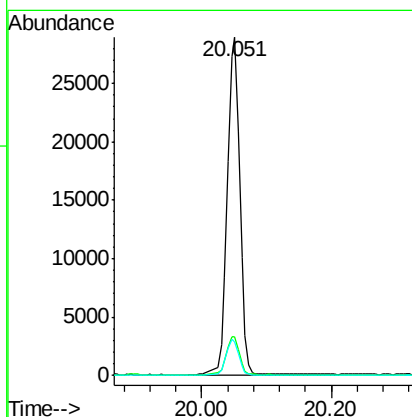
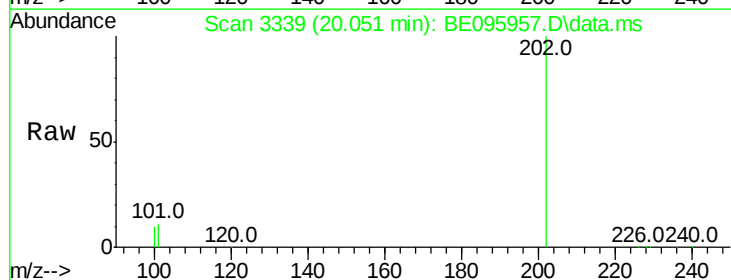
Tgt Ion:202 Resp: 40035

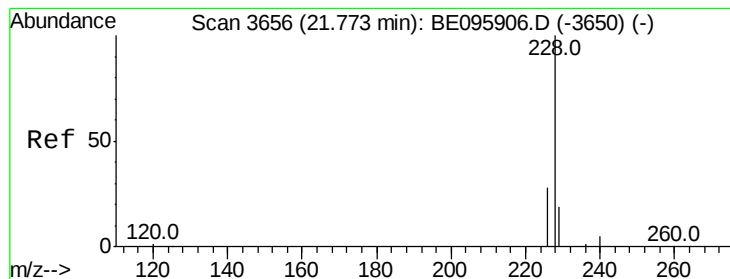
Ion Ratio Lower Upper

202 100

101 11.3 18.2 27.4#

100 9.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 2.16 ng/ul

RT: 21.758 min Scan# 3655

Delta R.T. 0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

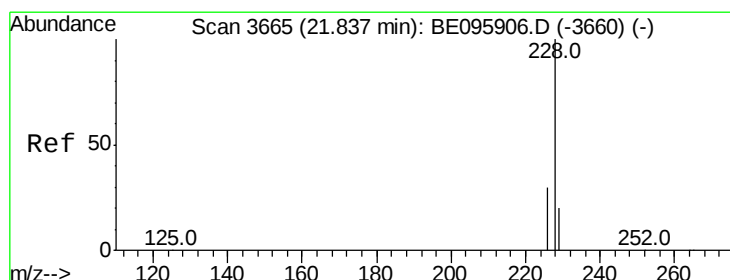
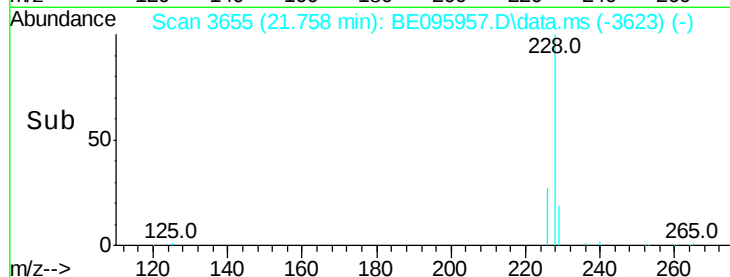
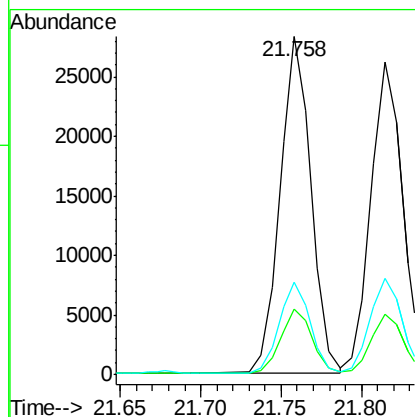
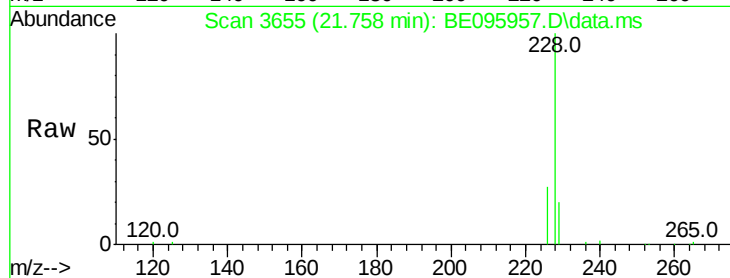
Tgt Ion:228 Resp: 50093

Ion Ratio Lower Upper

228 100

229 19.5 22.8 34.2#

226 27.4 17.0 25.6#



#19

Chrysene

Concen: 1.52 ng/ul

RT: 21.815 min Scan# 3663

Delta R.T. 0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

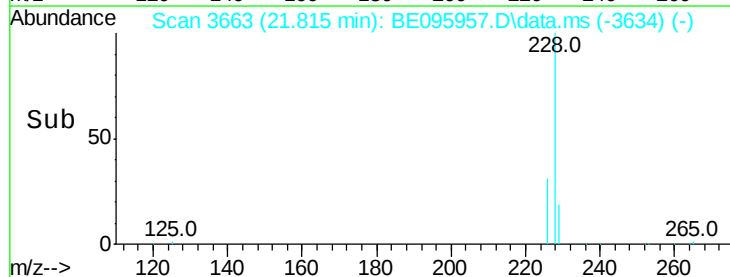
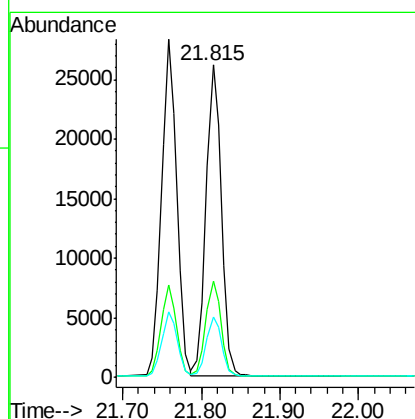
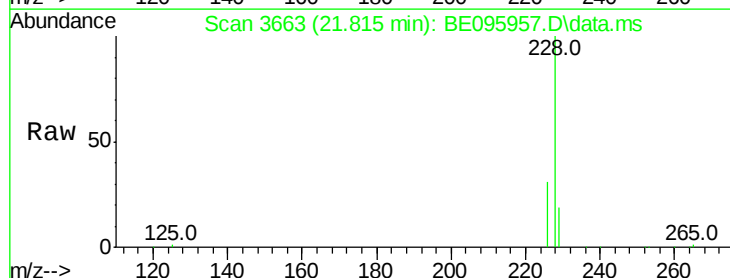
Tgt Ion:228 Resp: 35956

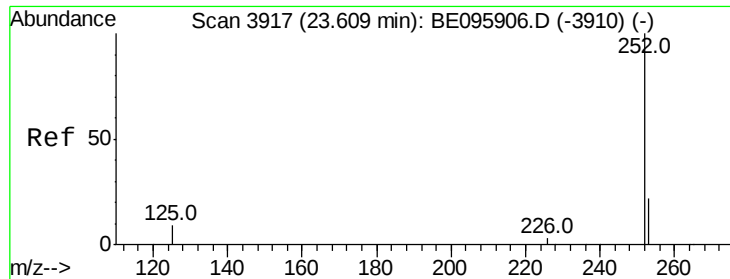
Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

229 19.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.42 ng/u1

RT: 23.587 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

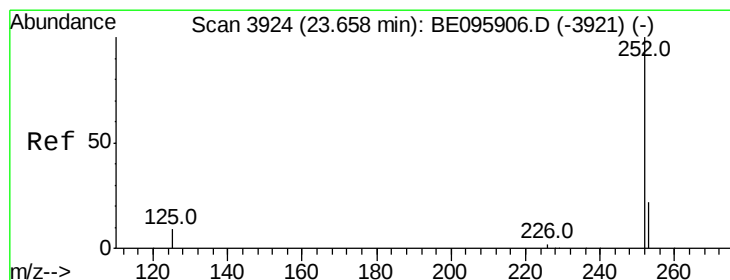
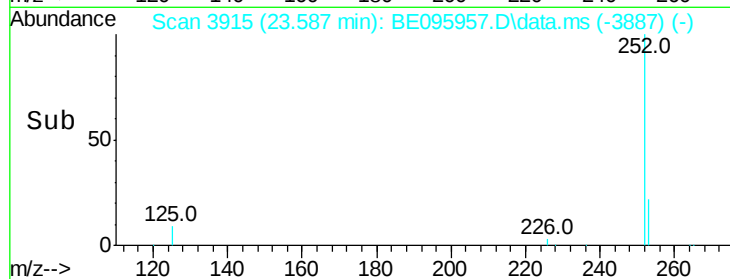
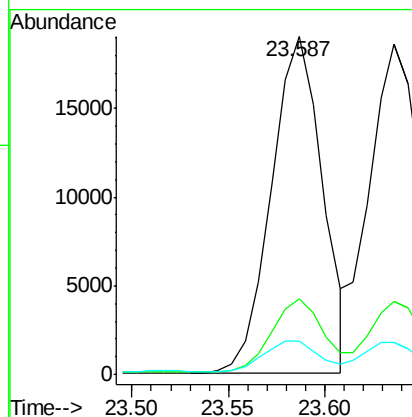
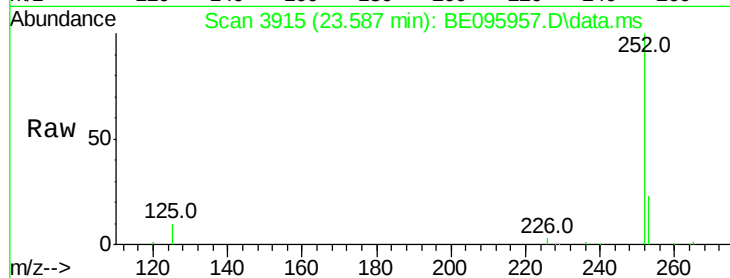
Tgt Ion:252 Resp: 34858

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

125 9.7 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 1.53 ng/u1

RT: 23.636 min Scan# 3922

Delta R.T. 0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

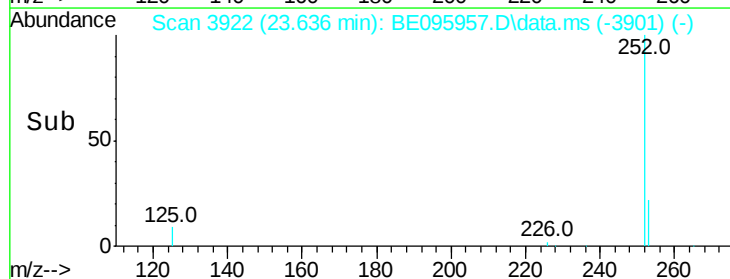
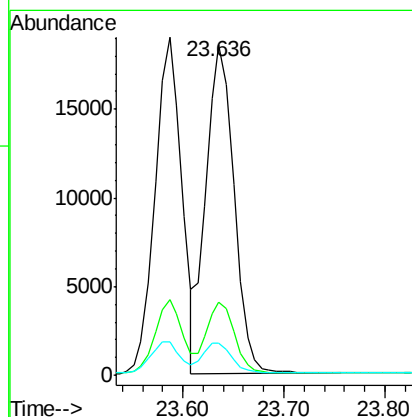
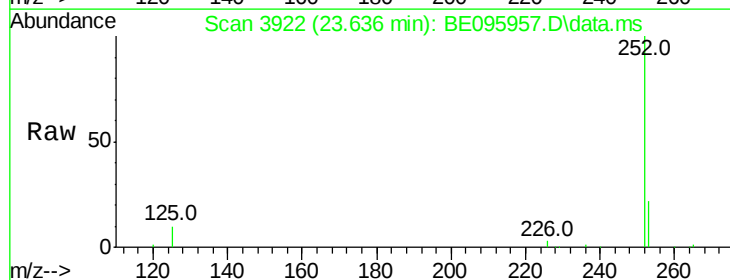
Tgt Ion:252 Resp: 35538

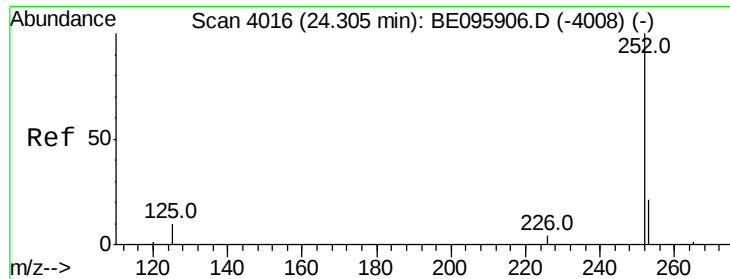
Ion Ratio Lower Upper

252 100

253 22.1 24.5 36.7#

125 9.9 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 1.52 ng/ul

RT: 24.283 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

Instrument :

BNA_E

ClientSampleId :

SSTD1.633

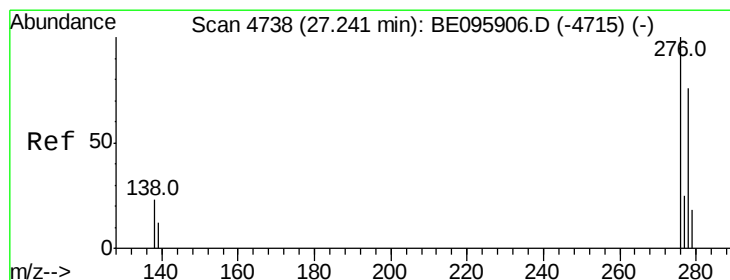
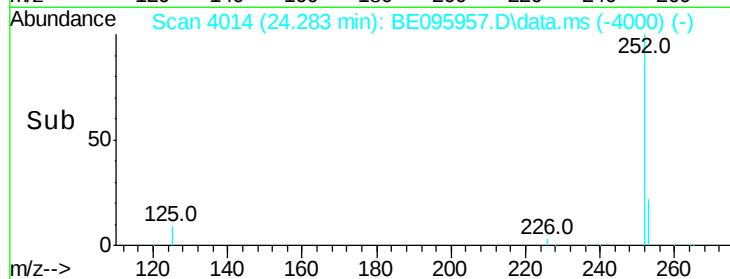
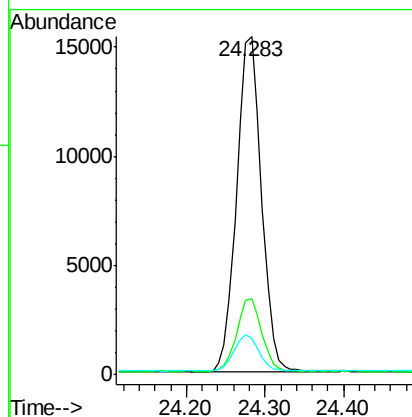
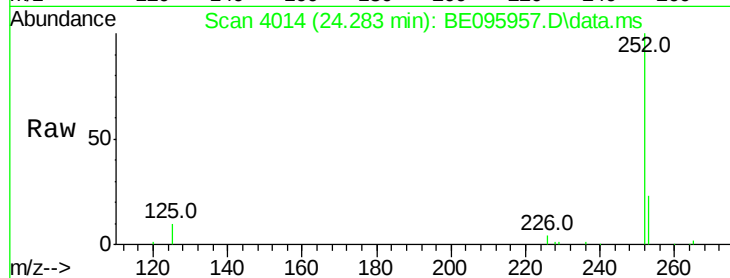
Tgt Ion:252 Resp: 33975

Ion Ratio Lower Upper

252 100

253 22.6 28.5 42.7#

125 10.5 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.55 ng/ul

RT: 27.201 min Scan# 4728

Delta R.T. -0.000 min

Lab File: BE095957.D

Acq: 6 Apr 2018 15:27

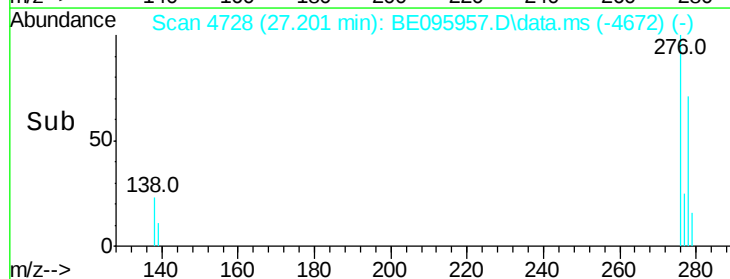
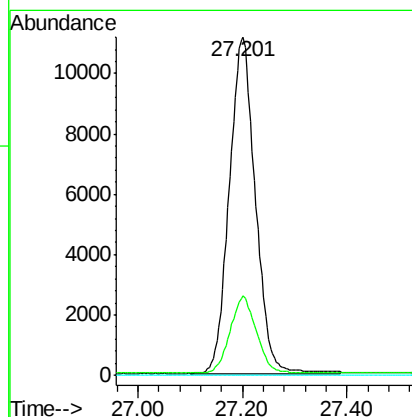
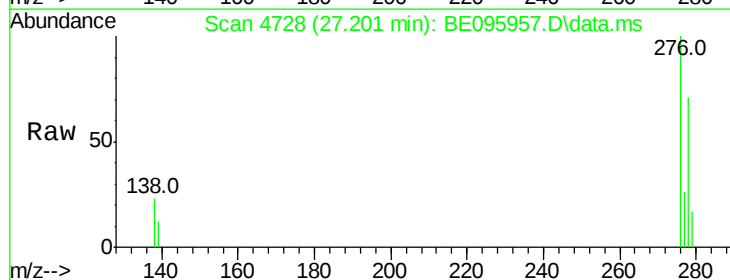
Tgt Ion:276 Resp: 38506

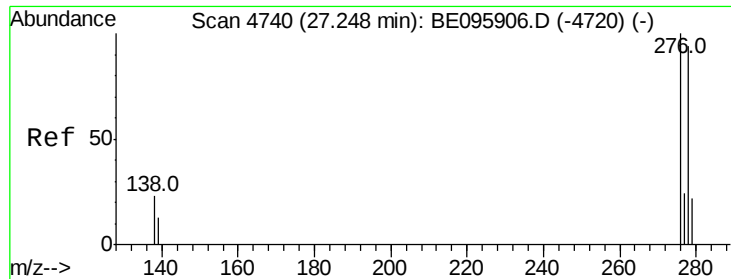
Ion Ratio Lower Upper

276 100

138 23.0 28.0 42.0#

227 0.0 8.0 12.0#

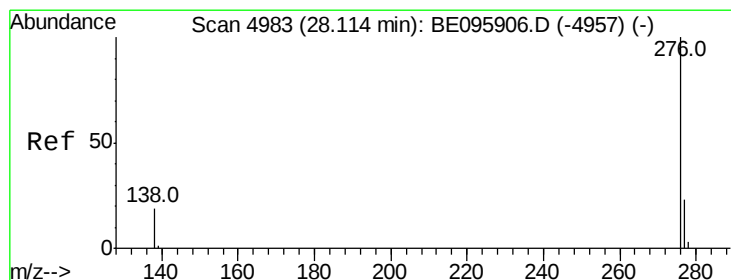
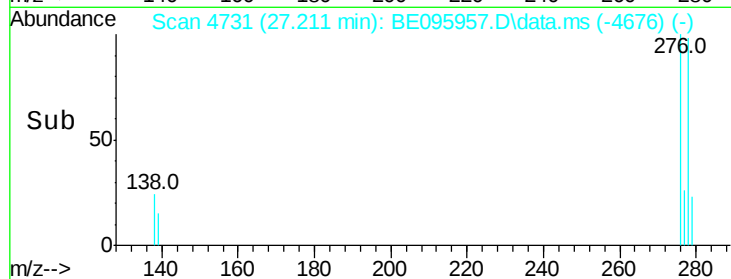
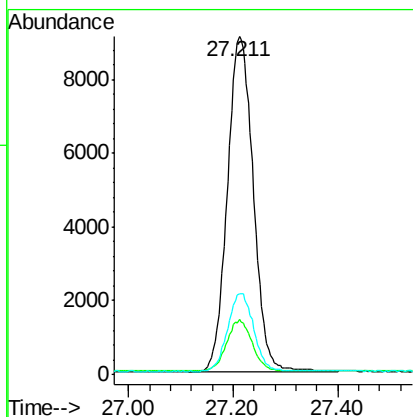
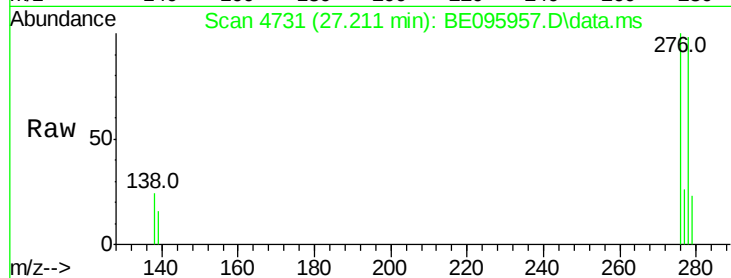




#25
Dibenzo(a,h)anthracene
Concen: 1.59 ng/ul
RT: 27.211 min Scan# 47
Delta R.T. -0.004 min
Lab File: BE095957.D
Acq: 6 Apr 2018 15:27

Instrument :
BNA_E
ClientSampleId :
SSTD1.633

Tgt Ion:278 Resp: 31515
Ion Ratio Lower Upper
278 100
139 16.2 17.4 26.0#
279 24.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.50 ng/ul
RT: 28.071 min Scan# 4972
Delta R.T. -0.004 min
Lab File: BE095957.D
Acq: 6 Apr 2018 15:27

Tgt Ion:276 Resp: 32083
Ion Ratio Lower Upper
276 100
138 20.9 21.8 32.8#
277 24.3 20.5 30.7

