

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
 Data File : BE096319.D
 Acq On : 3 May 2018 10:09
 Operator : SJ/JU
 Sample : SSTD0.271
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.271

Quant Time: May 03 11:38:15 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 03 11:32:43 2018
 Response via : Initial Calibration

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

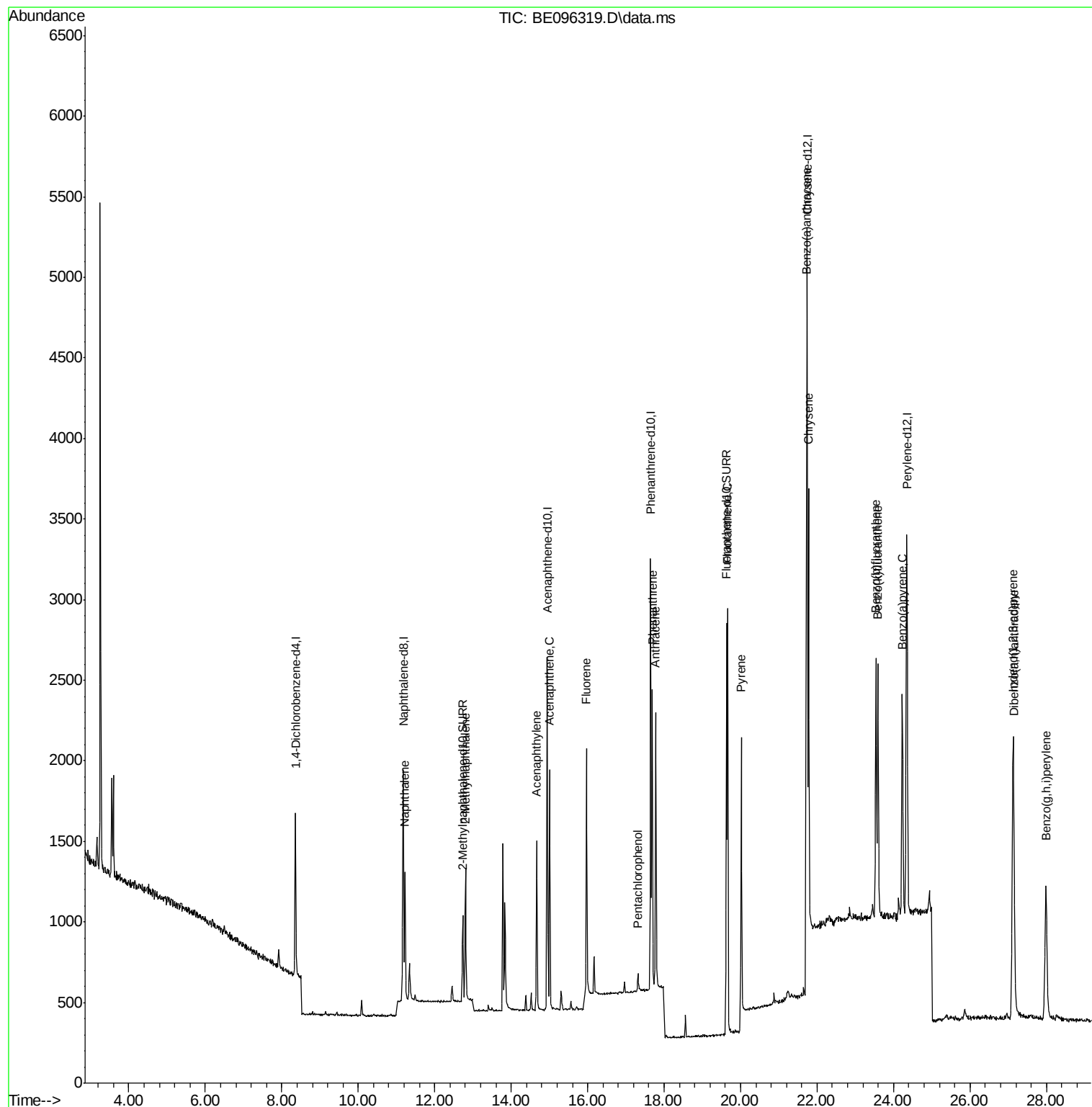
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	547	0.40	ng/ul	0.00
2) Naphthalene-d8	11.176	136	2058	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.941	164	1188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.647	188	3283	0.40	ng/ul	0.00
16) Chrysene-d12	21.744	240	4587	0.40	ng/ul	0.00
20) Perylene-d12	24.346	264	3681	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.737	152	756	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.634	212	2864	0.19	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.221	128	1154	0.20	ng/ul#	86
5) 2-Methylnaphthalene	12.808	142	752	0.20	ng/ul	98
7) Acenaphthylene	14.671	152	1231	0.20	ng/ul	96
8) Acenaphthene	15.006	153	898	0.20	ng/ul	95
9) Fluorene	15.972	166	1068	0.18	ng/ul	88
11) Pentachlorophenol	17.316	266	84	0.11	ng/ul	91
12) Phenanthrene	17.689	178	2006	0.21	ng/ul#	89
13) Anthracene	17.781	178	1902	0.20	ng/ul	92
15) Fluoranthene	19.662	202	2893	0.20	ng/ul	85
17) Pyrene	20.024	202	1077	0.12	ng/ul#	80
18) Benzo(a)anthracene	21.730	228	1400	0.10	ng/ul#	87
19) Chrysene	21.780	228	2725	0.21	ng/ul	96
21) Benzo(b)fluoranthene	23.538	252	2519	0.18	ng/ul	97
22) Benzo(k)fluoranthene	23.594	252	2435	0.18	ng/ul	96
23) Benzo(a)pyrene	24.227	252	2330	0.19	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	27.130	276	2648	0.16	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.140	278	2173	0.16	ng/ul#	93
26) Benzo(g,h,i)perylene	27.993	276	2184	0.15	ng/ul	97

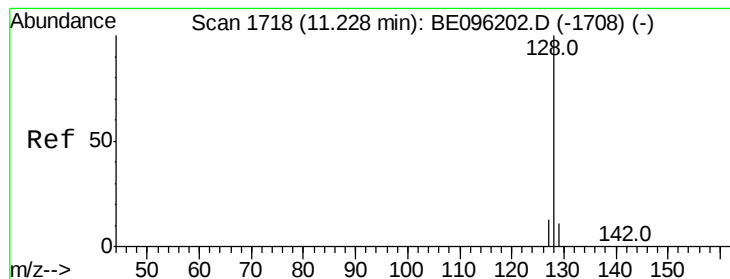
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.20 ng/ul

RT: 11.221 min Scan# 1718

Delta R.T. 0.001 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

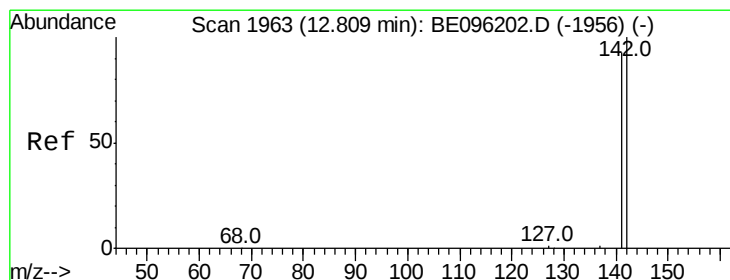
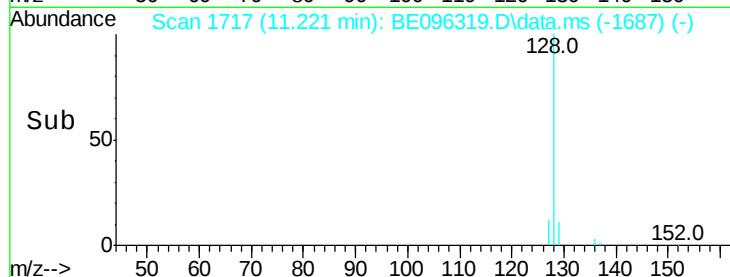
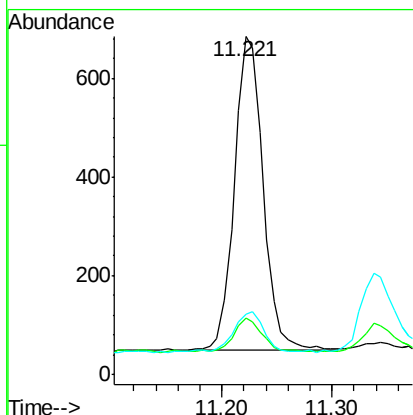
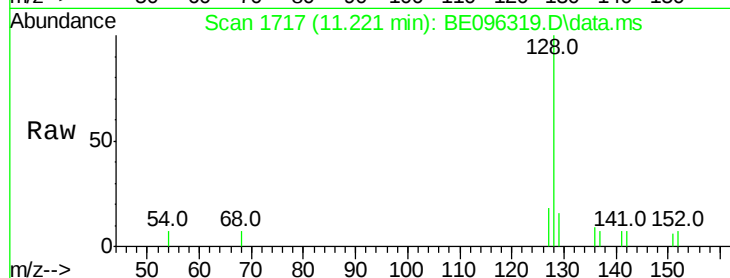
Tgt Ion:128 Resp: 1154

Ion Ratio Lower Upper

128 100

129 16.5 11.3 16.9

127 17.7 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

RT: 12.808 min Scan# 1963

Delta R.T. 0.001 min

Lab File: BE096319.D

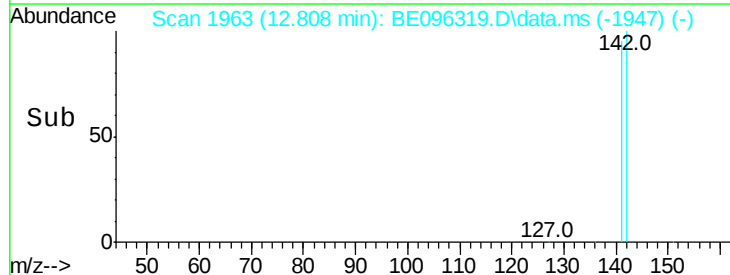
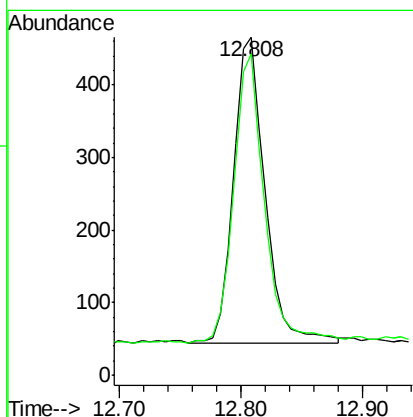
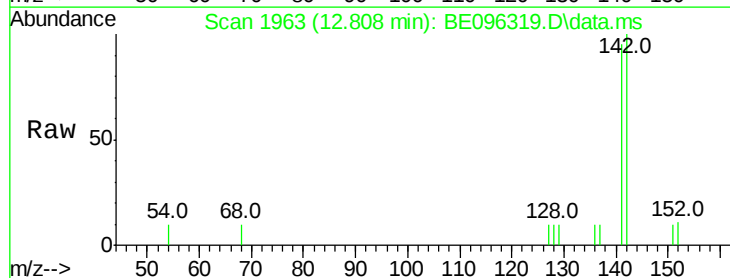
Acq: 3 May 2018 10:09

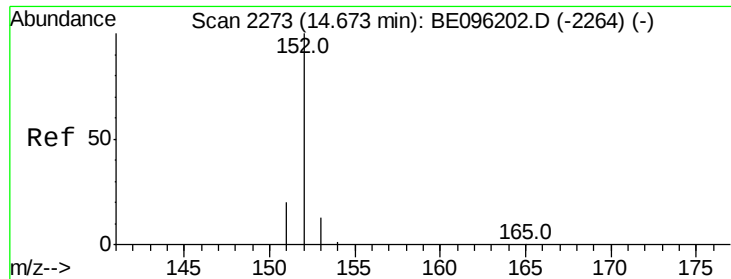
Tgt Ion:142 Resp: 752

Ion Ratio Lower Upper

142 100

141 93.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.671 min Scan# 2273

Delta R.T. 0.004 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

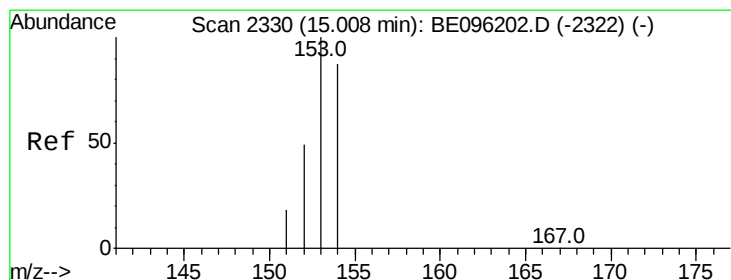
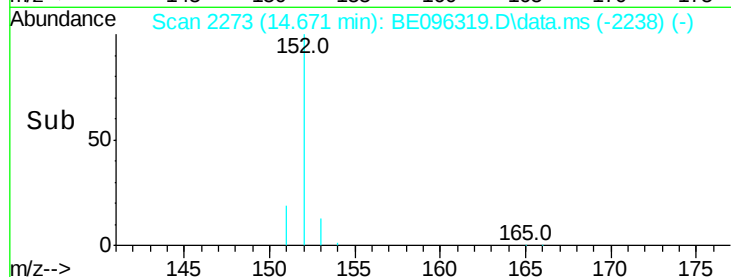
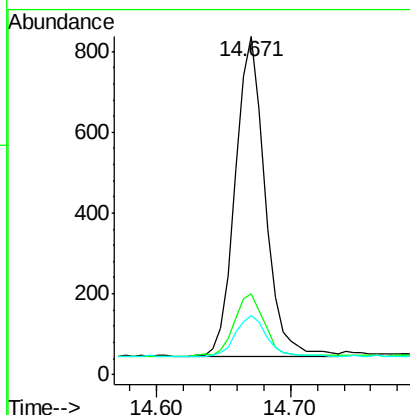
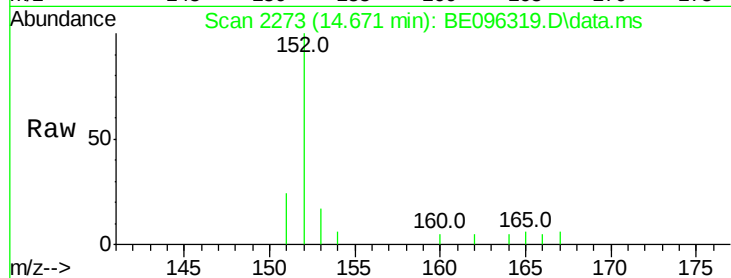
Tgt Ion:152 Resp: 1231

Ion Ratio Lower Upper

152 100

151 23.8 17.1 25.7

153 17.4 12.8 19.2



#8

Acenaphthene

Concen: 0.20 ng/ul

RT: 15.006 min Scan# 2330

Delta R.T. 0.004 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

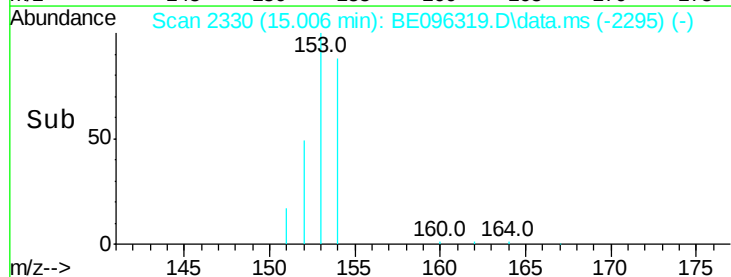
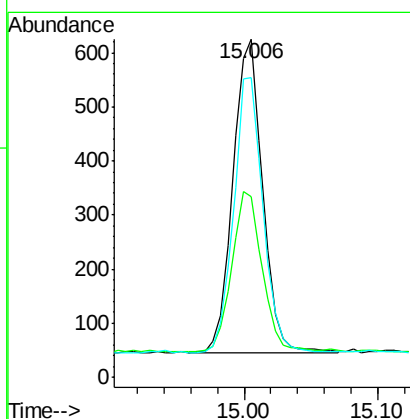
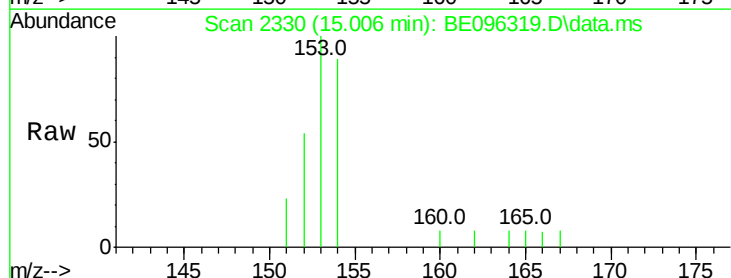
Tgt Ion:153 Resp: 898

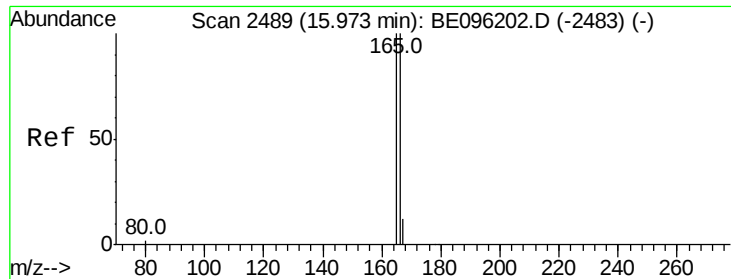
Ion Ratio Lower Upper

153 100

152 53.6 36.0 54.0

154 88.6 72.0 108.0





#9

Fluorene

Concen: 0.18 ng/ul

RT: 15.972 min Scan# 24

Delta R.T. 0.005 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

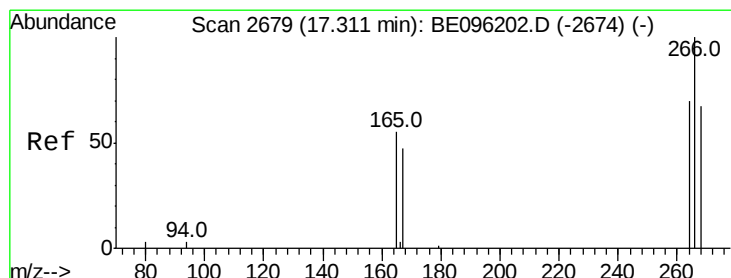
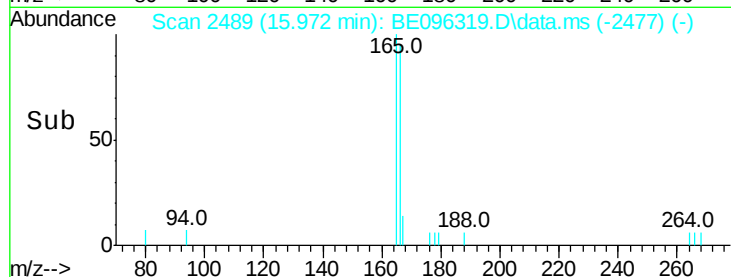
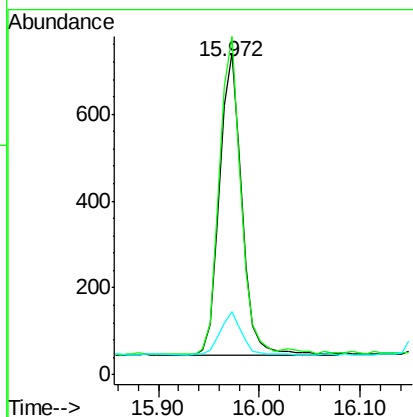
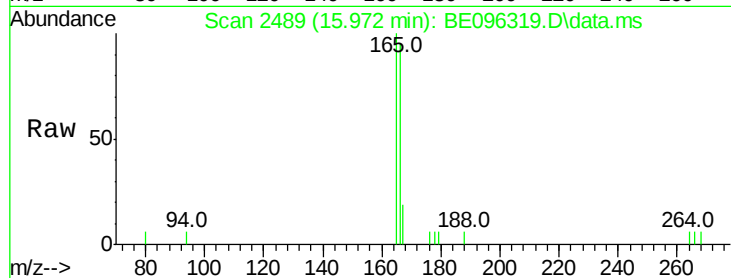
Tgt Ion:166 Resp: 1068

Ion Ratio Lower Upper

166 100

165 105.1 73.4 110.2

167 19.6 14.6 22.0



#11

Pentachlorophenol

Concen: 0.11 ng/ul

RT: 17.316 min Scan# 2680

Delta R.T. 0.005 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

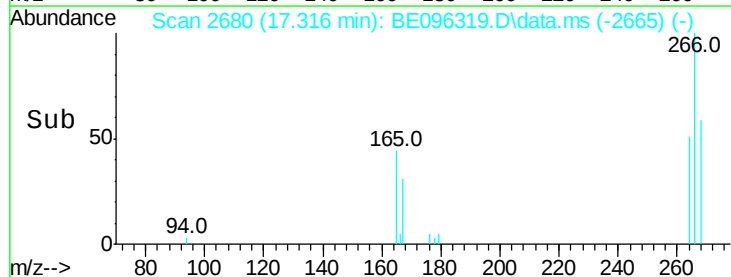
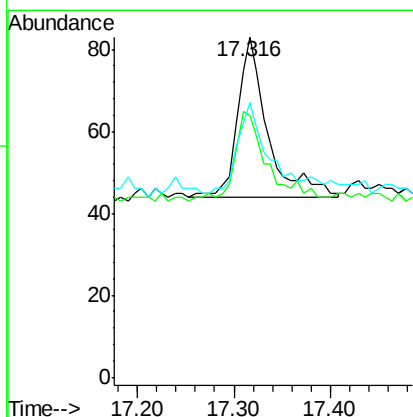
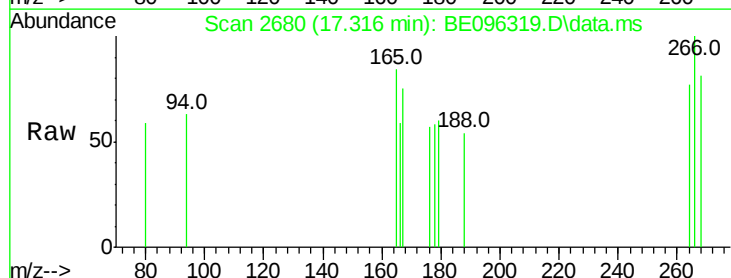
Tgt Ion:266 Resp: 84

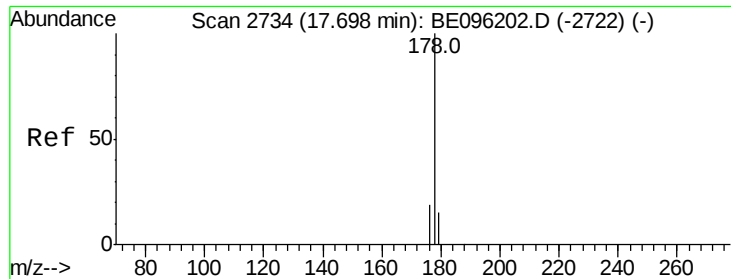
Ion Ratio Lower Upper

266 100

264 61.9 47.9 71.9

268 73.8 49.8 74.8





#12

Phenanthrene

Concen: 0.21 ng/ul

RT: 17.689 min Scan# 2733

Delta R.T. -0.002 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

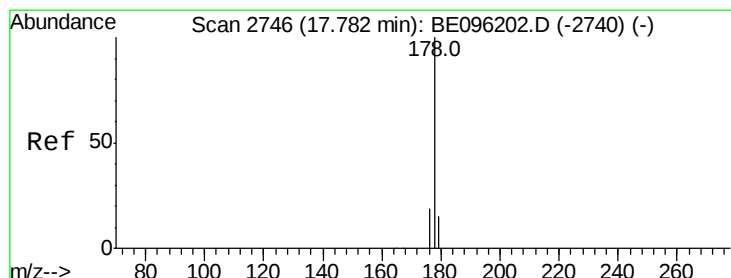
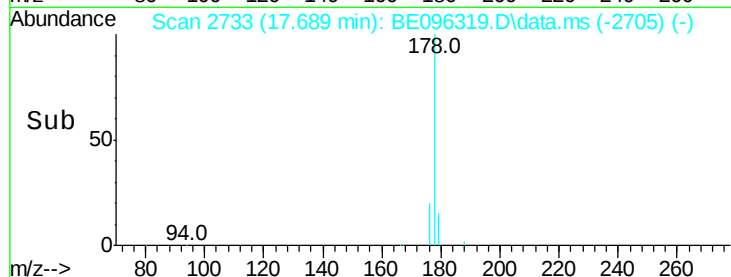
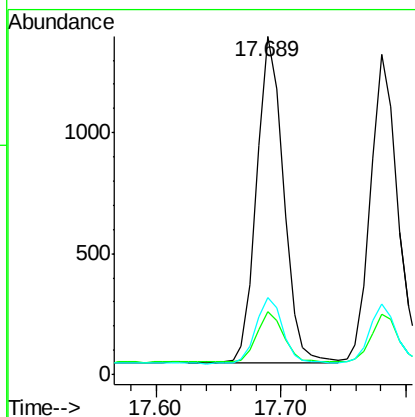
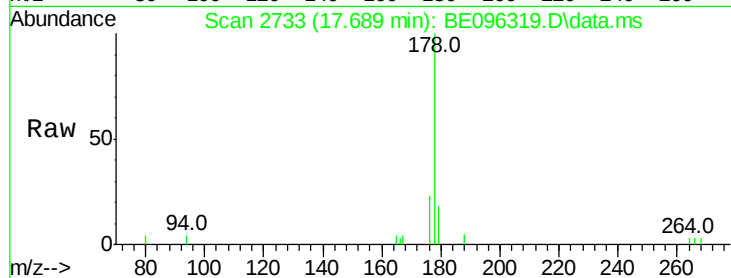
Tgt Ion:178 Resp: 2006

Ion Ratio Lower Upper

178 100

179 18.5 18.4 27.6

176 22.9 13.6 20.4#



#13

Anthracene

Concen: 0.20 ng/ul

RT: 17.781 min Scan# 2746

Delta R.T. -0.002 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

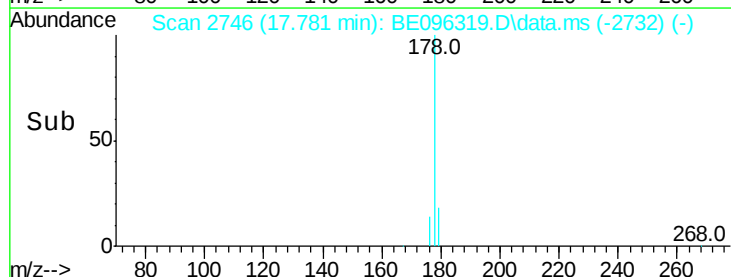
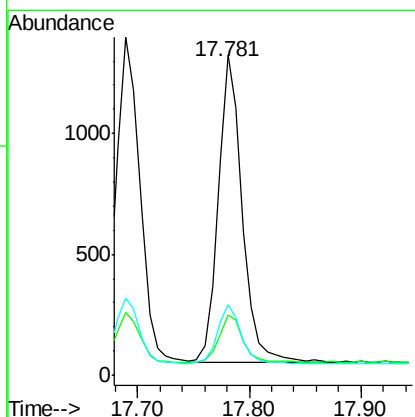
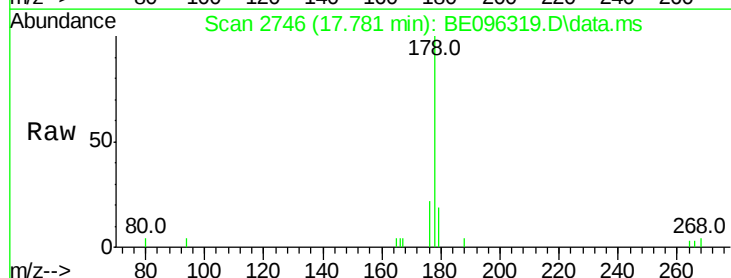
Tgt Ion:178 Resp: 1902

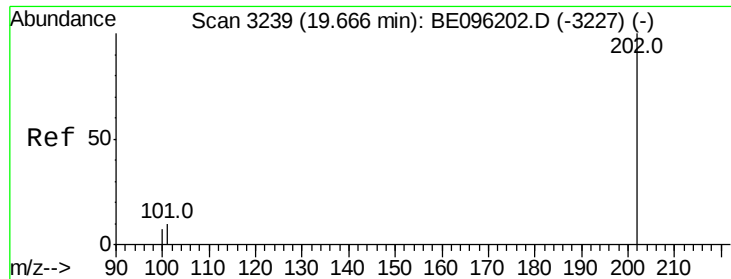
Ion Ratio Lower Upper

178 100

179 19.0 18.1 27.1

176 21.9 14.7 22.1





#15

Fluoranthene

Concen: 0.20 ng/ul

RT: 19.662 min Scan# 32

Delta R.T. -0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

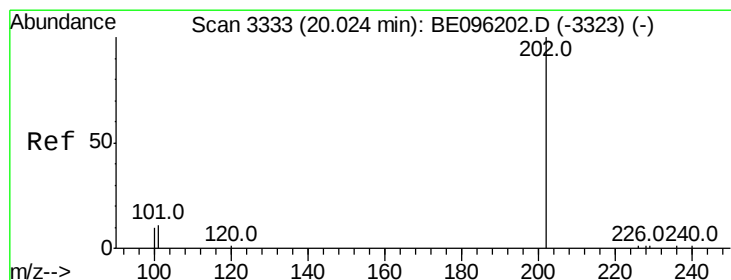
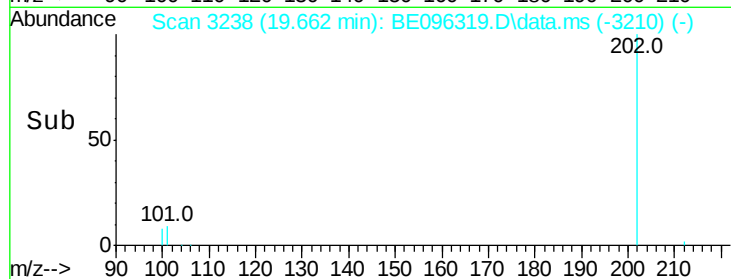
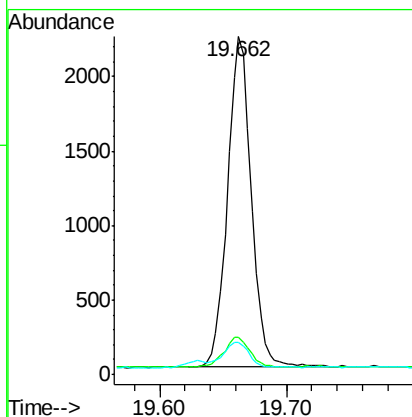
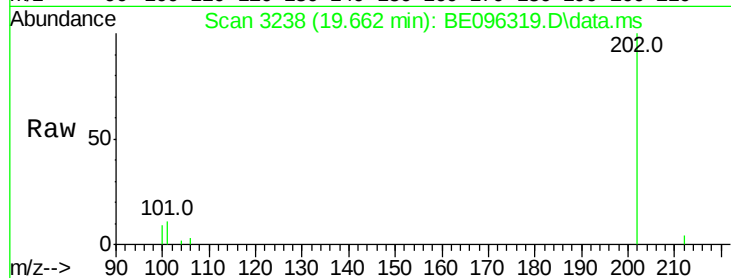
Tgt Ion:202 Resp: 2893

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

100 9.4 0.0 39.5



#17

Pyrene

Concen: 0.12 ng/ul

RT: 20.024 min Scan# 3334

Delta R.T. 0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

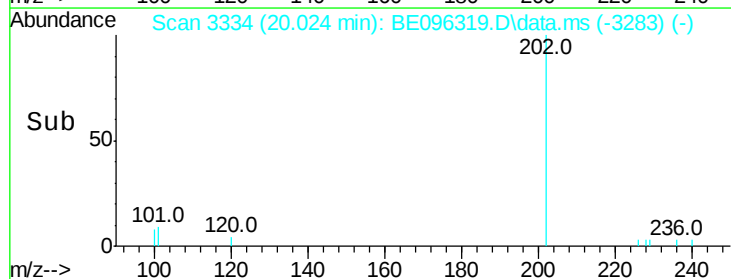
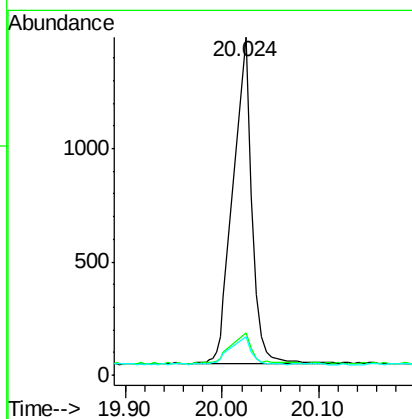
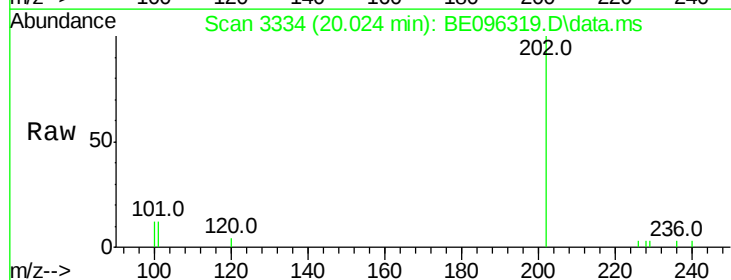
Tgt Ion:202 Resp: 1077

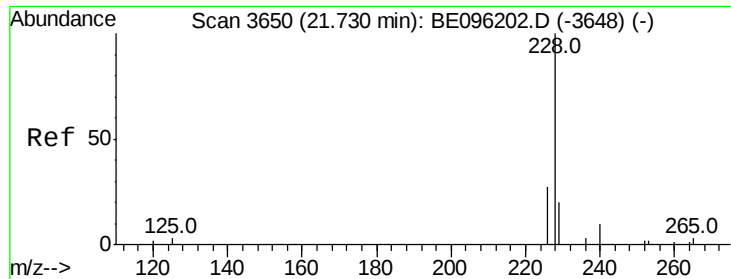
Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

100 11.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.730 min Scan# 36

Delta R.T. -0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

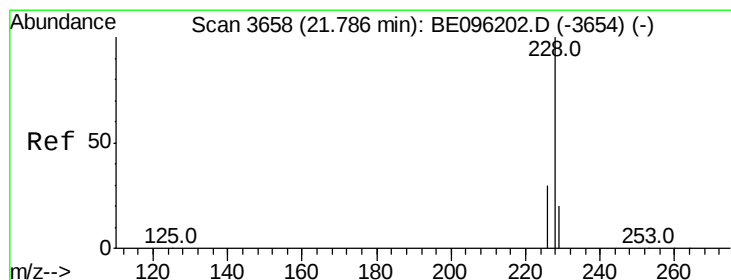
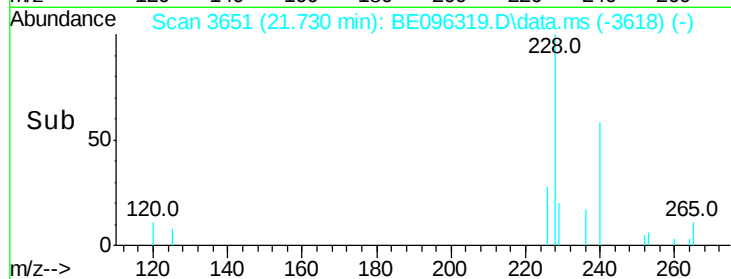
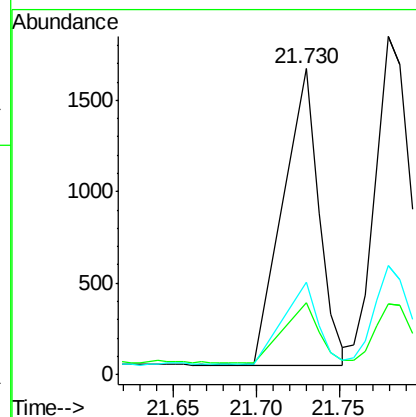
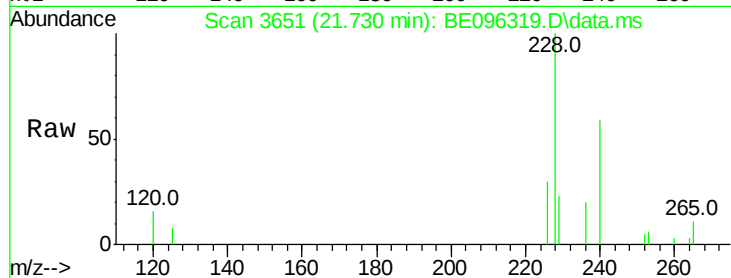
Tgt Ion:228 Resp: 1400

Ion Ratio Lower Upper

228 100

229 23.4 22.8 34.2

226 30.1 17.0 25.6#



#19

Chrysene

Concen: 0.21 ng/ul

RT: 21.780 min Scan# 3658

Delta R.T. -0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

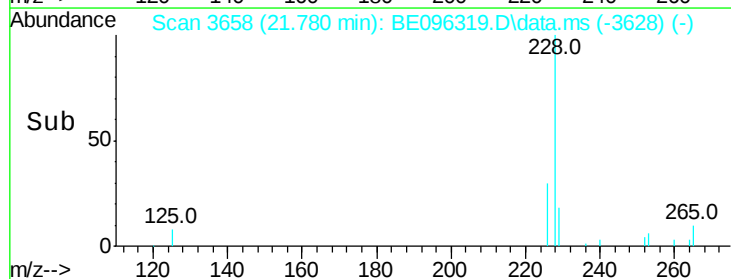
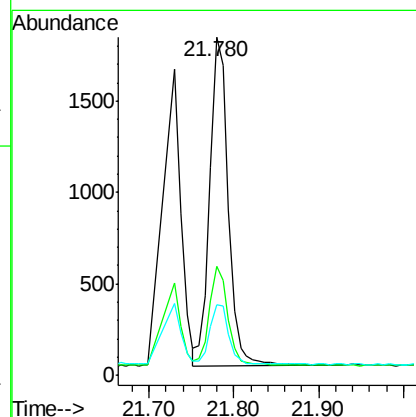
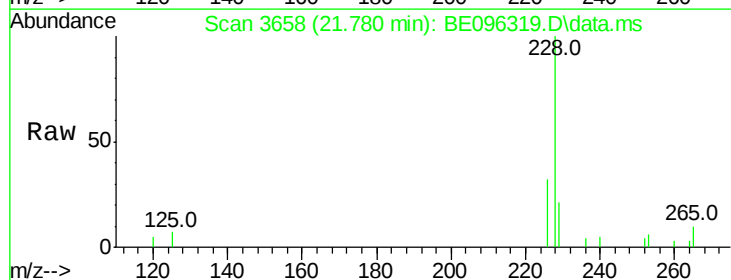
Tgt Ion:228 Resp: 2725

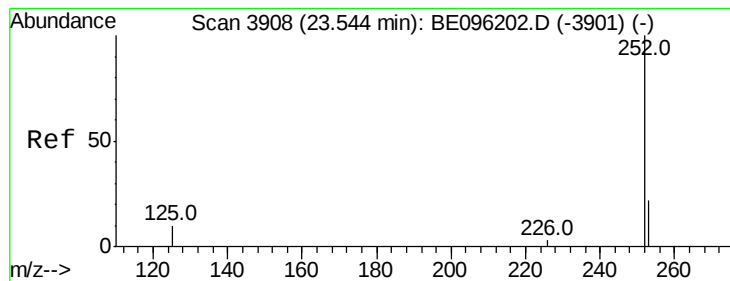
Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.0

229 20.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.18 ng/ul

RT: 23.538 min Scan# 3908

Delta R.T. -0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

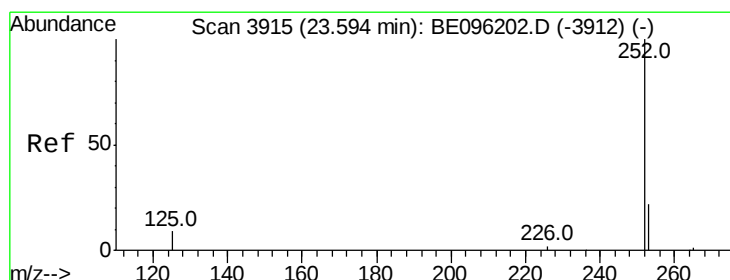
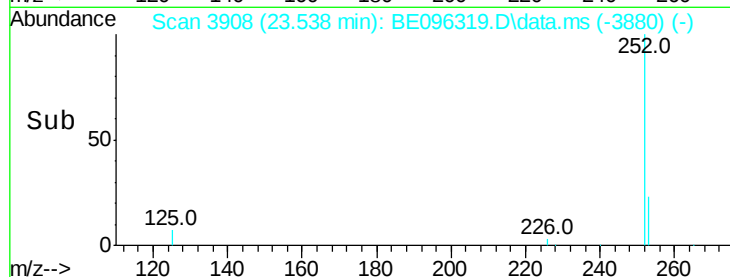
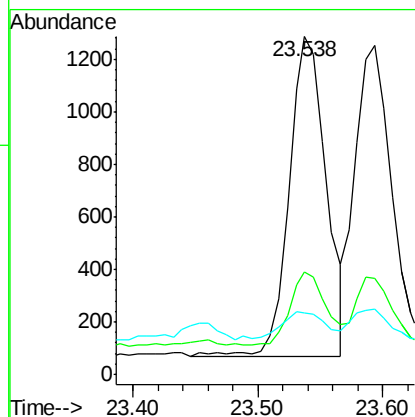
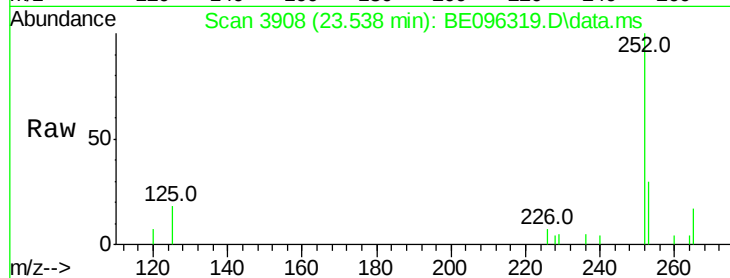
Tgt Ion:252 Resp: 2519

Ion Ratio Lower Upper

252 100

253 30.1 0.0 64.2

125 18.1 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.18 ng/ul

RT: 23.594 min Scan# 3916

Delta R.T. -0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

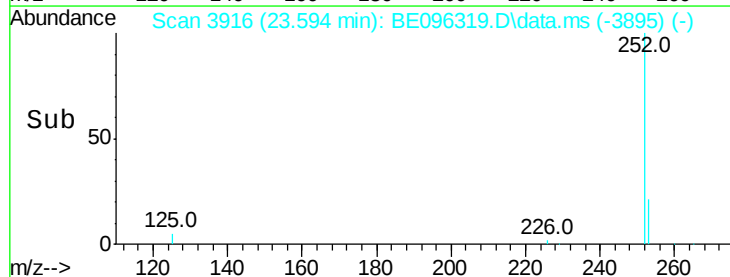
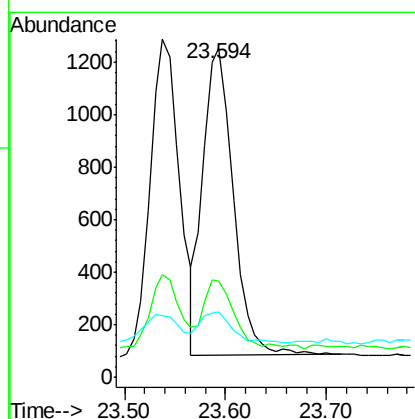
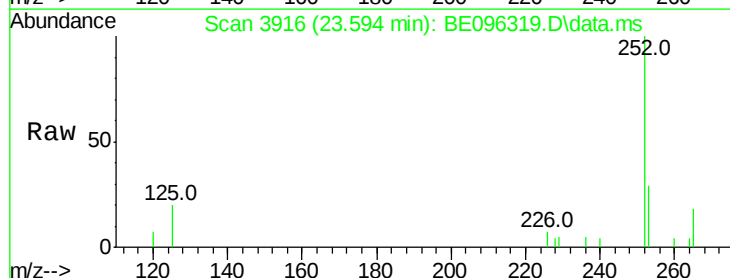
Tgt Ion:252 Resp: 2435

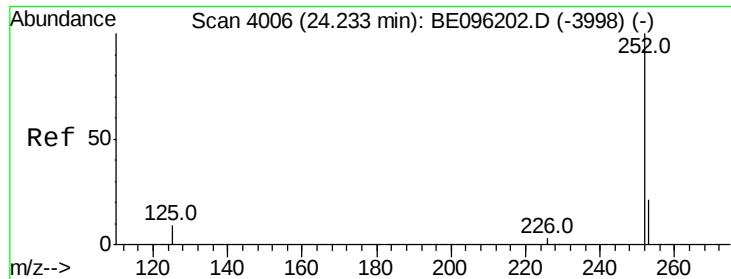
Ion Ratio Lower Upper

252 100

253 29.3 24.5 36.7

125 19.8 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.19 ng/ul

RT: 24.227 min Scan# 4006

Delta R.T. -0.000 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

Instrument :

BNA_E

ClientSampleId :

SSTD0.271

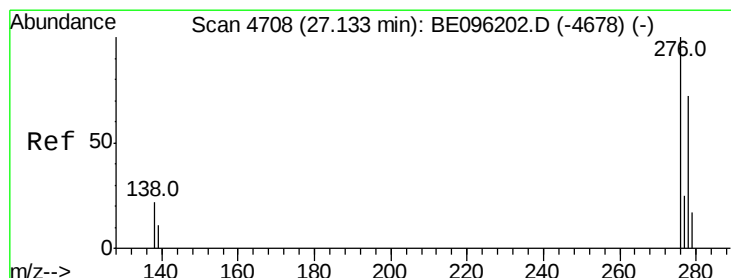
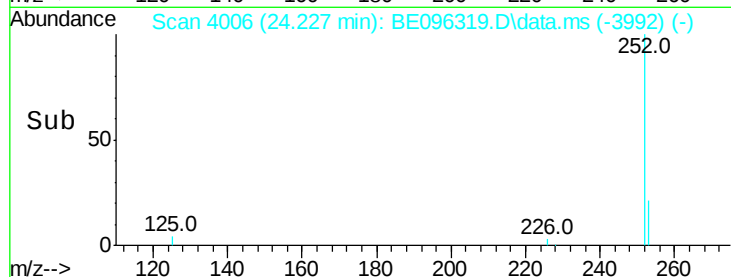
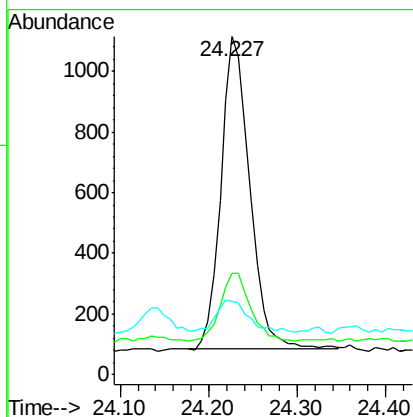
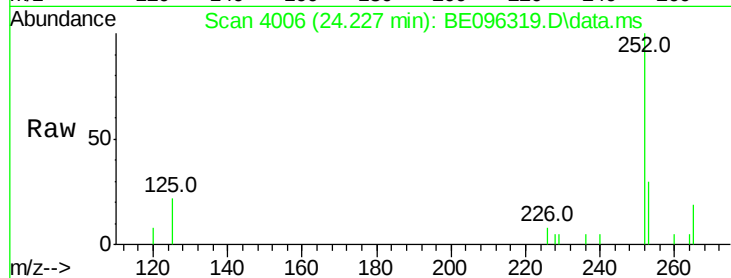
Tgt Ion:252 Resp: 2330

Ion Ratio Lower Upper

252 100

253 30.0 28.5 42.7

125 21.8 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng/ul

RT: 27.130 min Scan# 4708

Delta R.T. 0.004 min

Lab File: BE096319.D

Acq: 3 May 2018 10:09

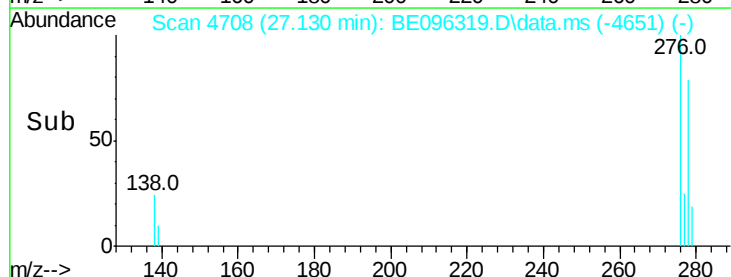
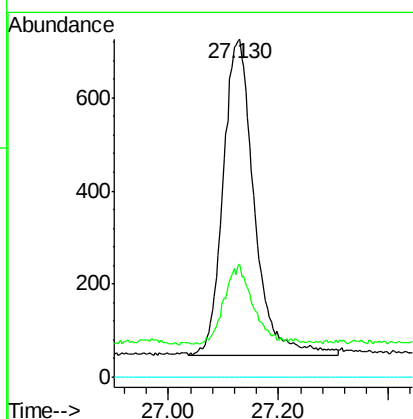
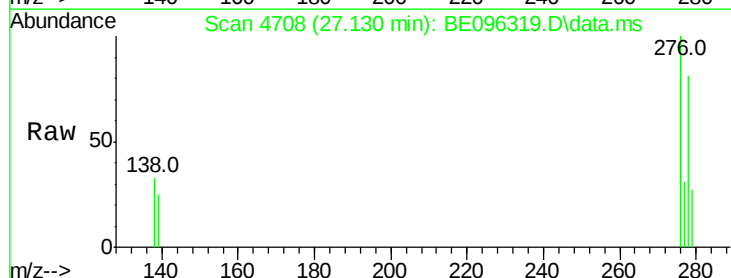
Tgt Ion:276 Resp: 2648

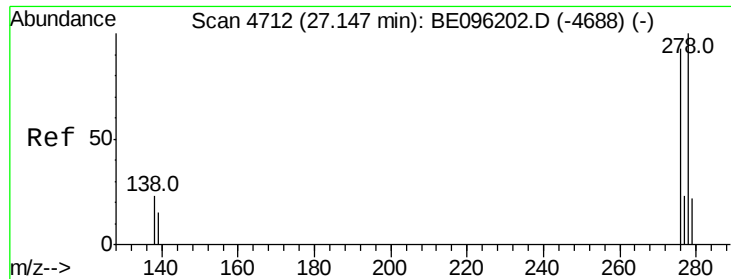
Ion Ratio Lower Upper

276 100

138 23.2 28.0 42.0#

227 0.0 8.0 12.0#

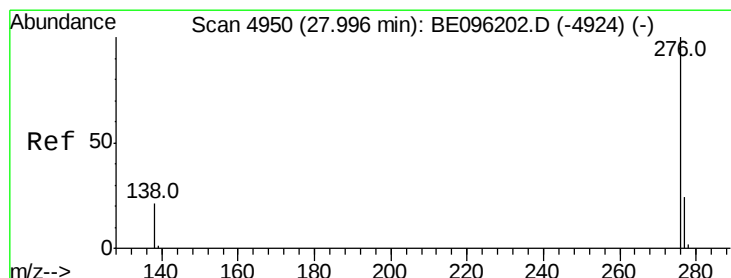
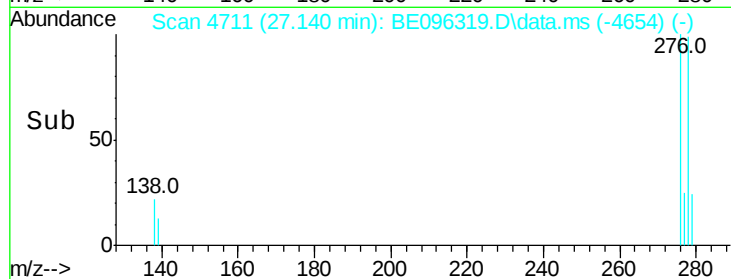
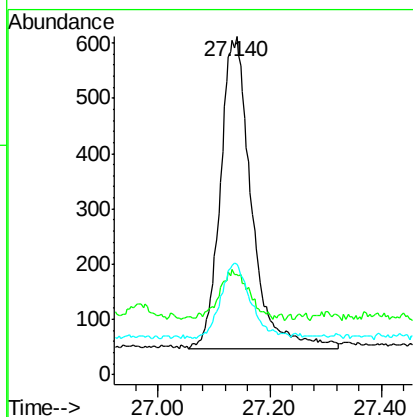
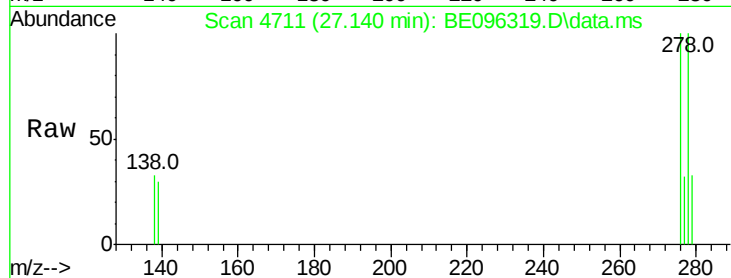




#25
 Dibenzo(a,h)anthracene
 Concen: 0.16 ng/ul
 RT: 27.140 min Scan# 4712
 Delta R.T. 0.004 min
 Lab File: BE096319.D
 Acq: 3 May 2018 10:09

Instrument :
 BNA_E
 ClientSampleId :
 SST00.271

Tgt Ion:278 Resp: 2173
 Ion Ratio Lower Upper
 278 100
 139 29.6 17.4 26.0#
 279 32.7 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.15 ng/ul
 RT: 27.993 min Scan# 4950
 Delta R.T. 0.004 min
 Lab File: BE096319.D
 Acq: 3 May 2018 10:09

Tgt Ion:276 Resp: 2184
 Ion Ratio Lower Upper
 276 100
 138 27.7 21.8 32.8
 277 28.6 20.5 30.7

