

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
 Data File : BE096323.D
 Acq On : 3 May 2018 12:32
 Operator : SJ/JU
 Sample : SSTD3.275
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD3.275

Quant Time: May 03 13:10:06 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 12:45:30 2018
 Response via : Initial Calibration

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

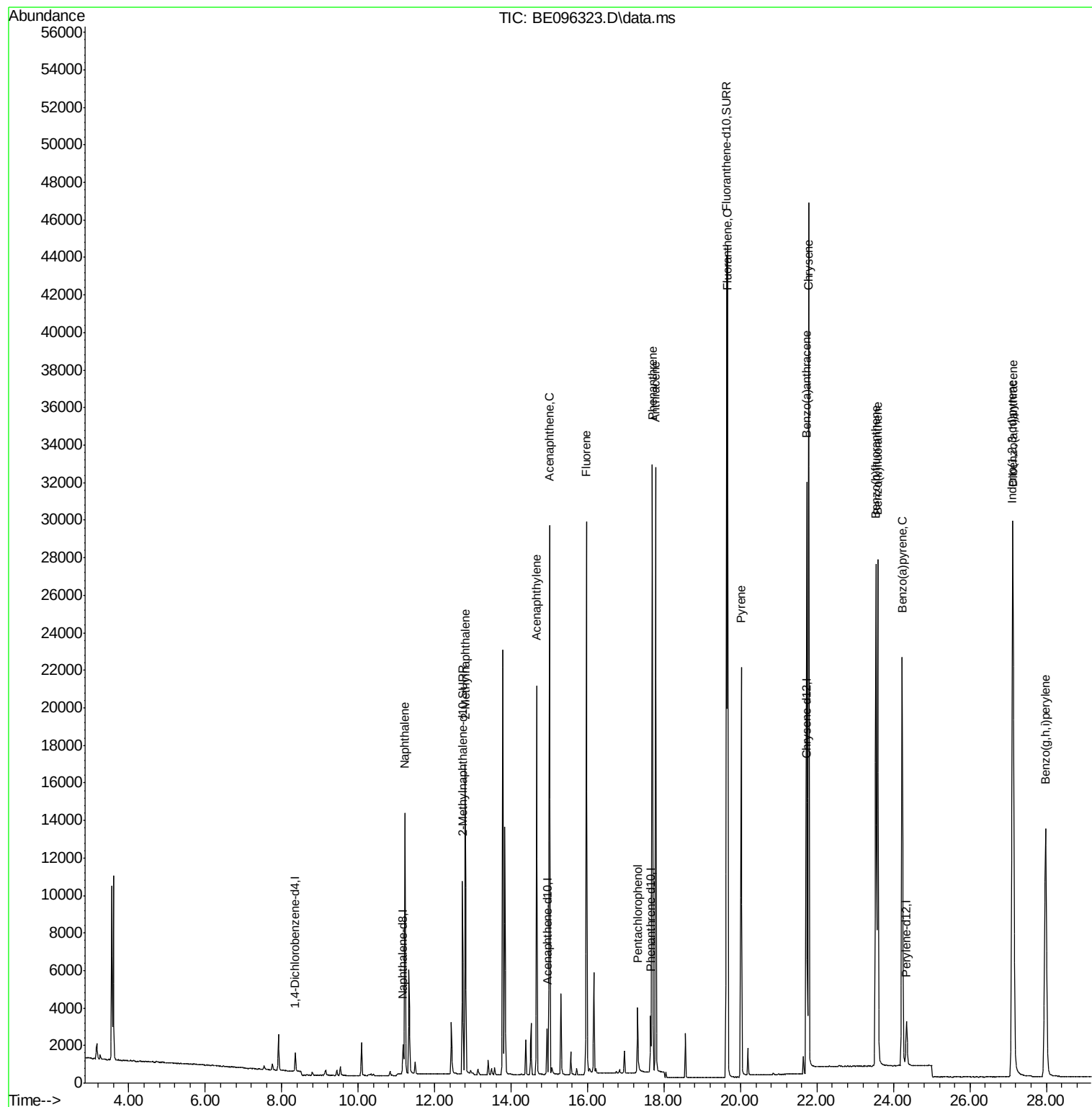
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	552	0.40	ng/ul	0.00
2) Naphthalene-d8	11.175	136	2128	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.942	164	1341	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.648	188	3536	0.40	ng/ul	0.00
16) Chrysene-d12	21.738	240	4528	0.40	ng/ul	0.00
20) Perylene-d12	24.340	264	3444	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.730	152	13300	3.45	ng/ul	0.00
14) Fluoranthene-d10	19.631	212	46964	3.14	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.220	128	19079	3.26	ng/ul#	88
5) 2-Methylnaphthalene	12.801	142	13750	3.54	ng/ul	100
7) Acenaphthylene	14.666	152	23243	3.34	ng/ul	96
8) Acenaphthene	15.001	153	16470	3.28	ng/ul	94
9) Fluorene	15.966	166	22885	3.36	ng/ul#	89
11) Pentachlorophenol	17.310	266	2068	4.34	ng/ul	97
12) Phenanthrene	17.690	178	34208	3.21	ng/ul#	88
13) Anthracene	17.782	178	34861	3.39	ng/ul#	91
15) Fluoranthene	19.660	202	47366	3.13	ng/ul	83
17) Pyrene	20.025	202	13717	2.69	ng/ul#	74
18) Benzo(a)anthracene	21.731	228	17411	2.46	ng/ul#	87
19) Chrysene	21.780	228	41542	3.07	ng/ul	96
21) Benzo(b)fluoranthene	23.538	252	37853	3.21	ng/ul	82
22) Benzo(k)fluoranthene	23.588	252	38812	3.41	ng/ul#	84
23) Benzo(a)pyrene	24.227	252	36455	3.30	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.116	276	41021	3.36	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.127	278	33508	3.35	ng/ul#	86
26) Benzo(g,h,i)perylene	27.979	276	34172	3.32	ng/ul#	91

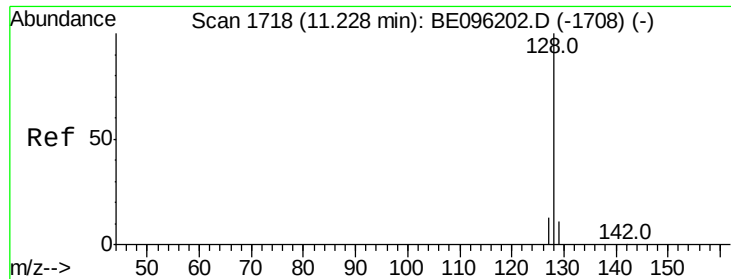
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.26 ng/ul

RT: 11.220 min Scan# 17

Delta R.T. -0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

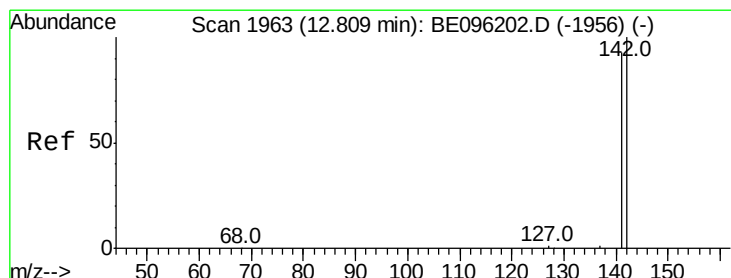
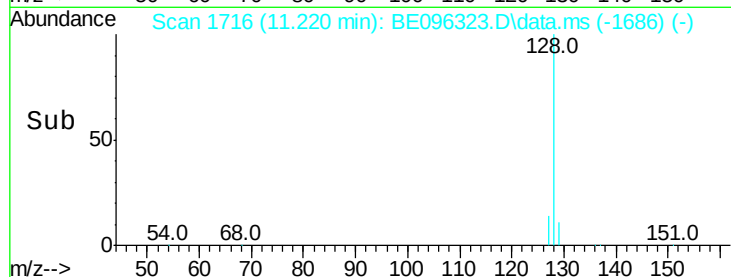
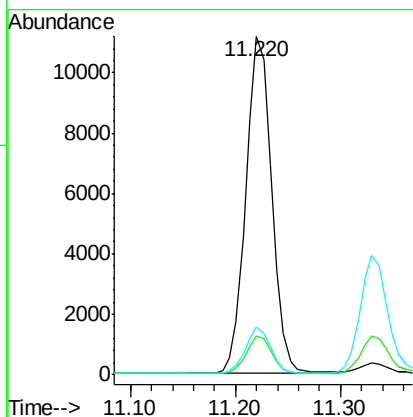
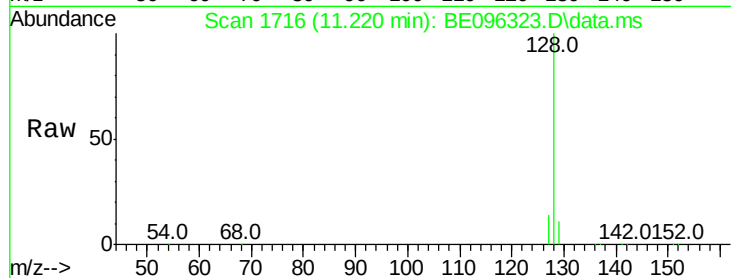
Tgt Ion:128 Resp: 19079

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

127 14.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 3.54 ng/ul

RT: 12.801 min Scan# 1961

Delta R.T. -0.001 min

Lab File: BE096323.D

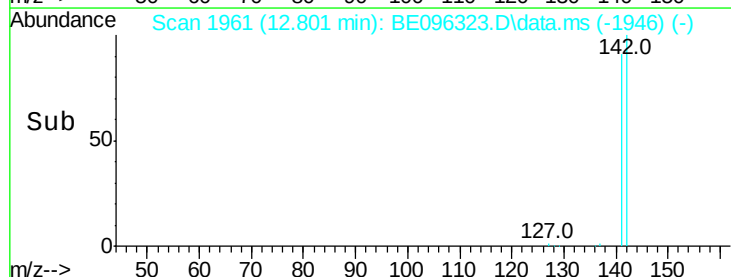
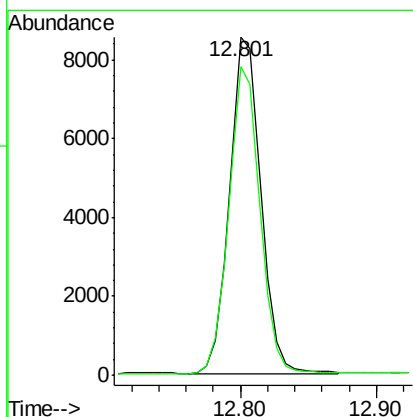
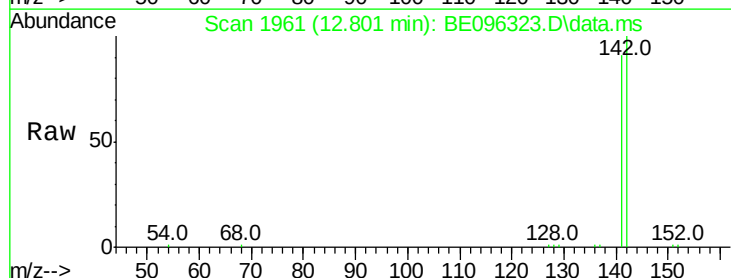
Acq: 3 May 2018 12:32

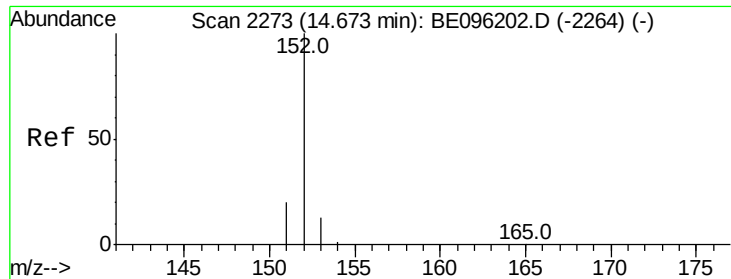
Tgt Ion:142 Resp: 13750

Ion Ratio Lower Upper

142 100

141 90.6 72.6 108.8





#7

Acenaphthylene

Concen: 3.34 ng/ul

RT: 14.666 min Scan# 22

Delta R.T. 0.000 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

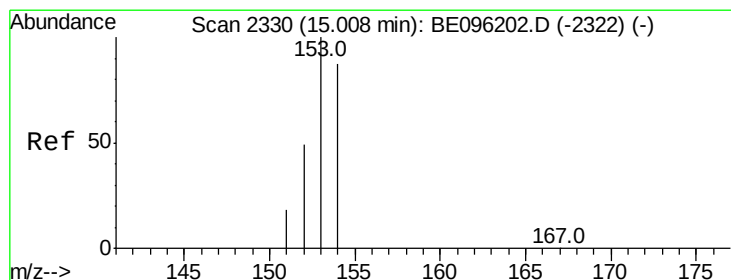
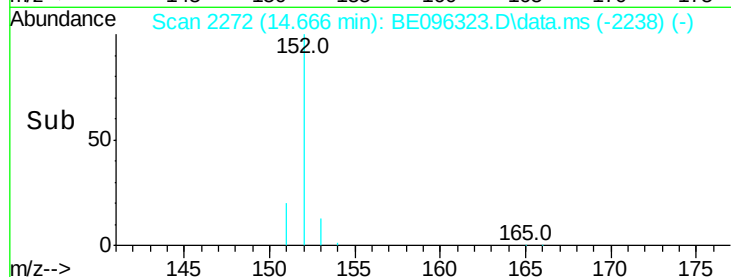
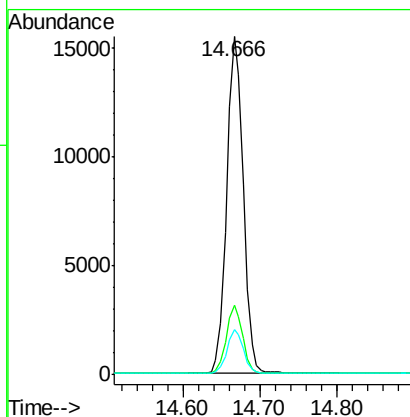
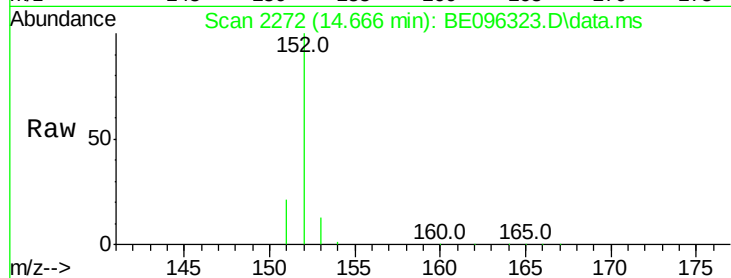
Tgt Ion:152 Resp: 23243

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

153 13.3 12.8 19.2



#8

Acenaphthene

Concen: 3.28 ng/ul

RT: 15.001 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

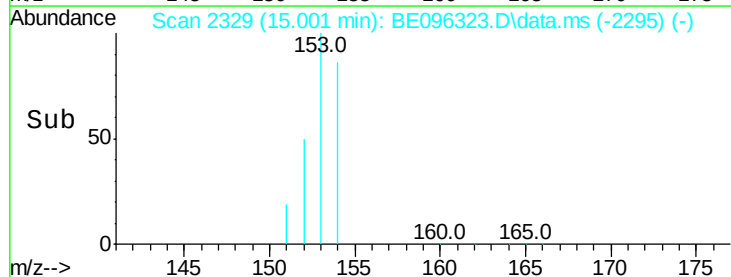
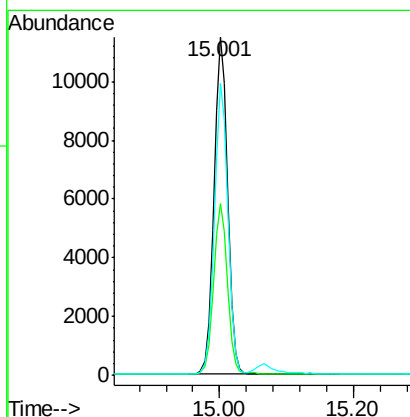
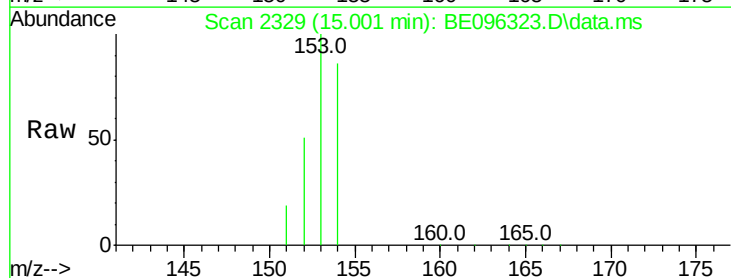
Tgt Ion:153 Resp: 16470

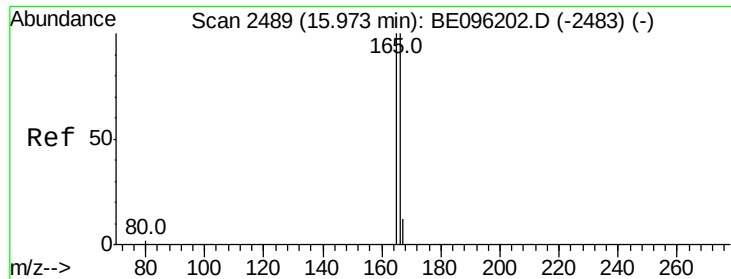
Ion Ratio Lower Upper

153 100

152 50.7 36.0 54.0

154 86.3 72.0 108.0





#9

Fluorene

Concen: 3.36 ng/ul

RT: 15.966 min Scan# 24

Delta R.T. -0.006 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

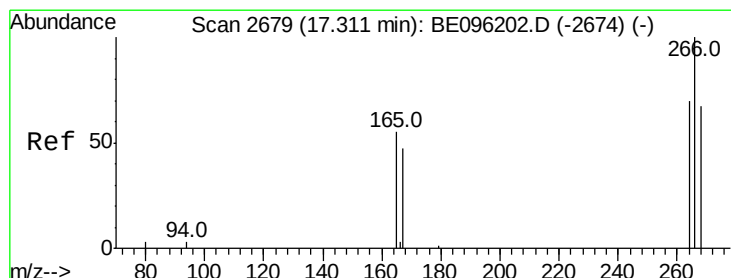
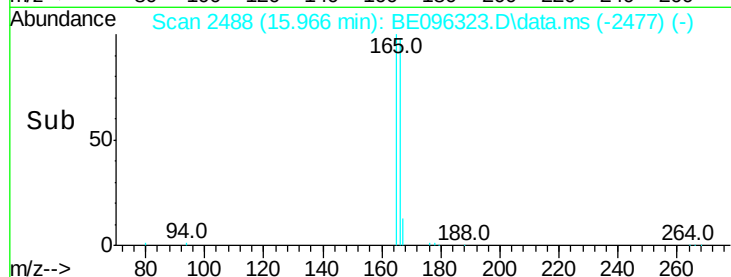
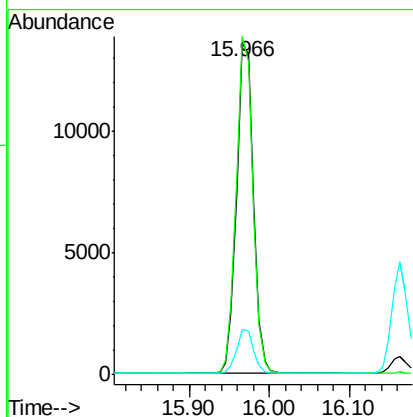
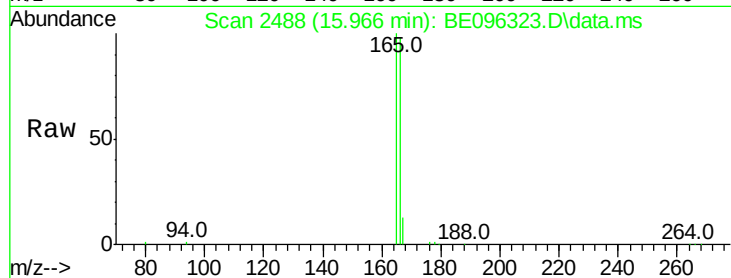
Tgt Ion:166 Resp: 22885

Ion Ratio Lower Upper

166 100

165 102.1 73.4 110.2

167 13.7 14.6 22.0#



#11

Pentachlorophenol

Concen: 4.34 ng/ul

RT: 17.310 min Scan# 2679

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

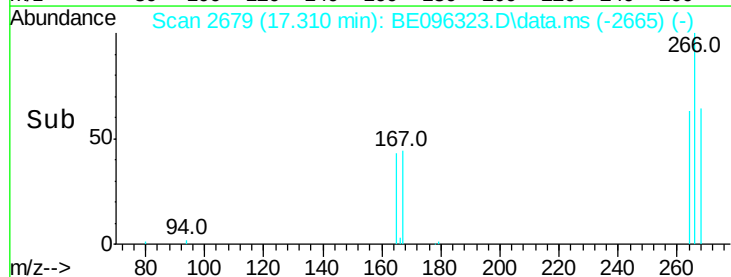
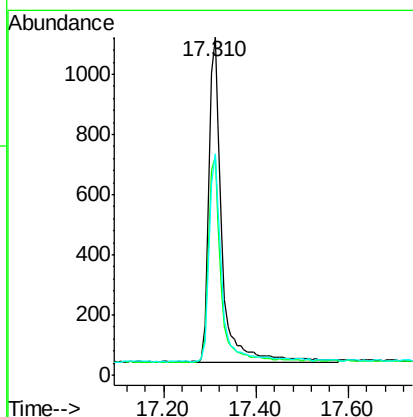
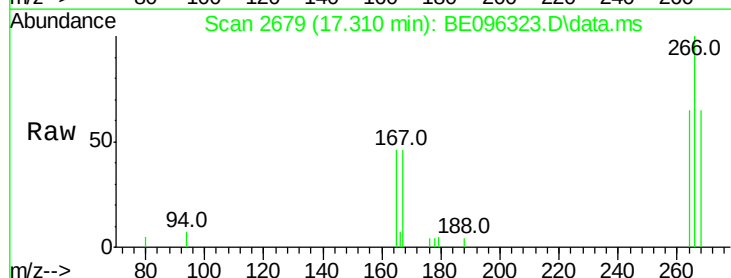
Tgt Ion:266 Resp: 2068

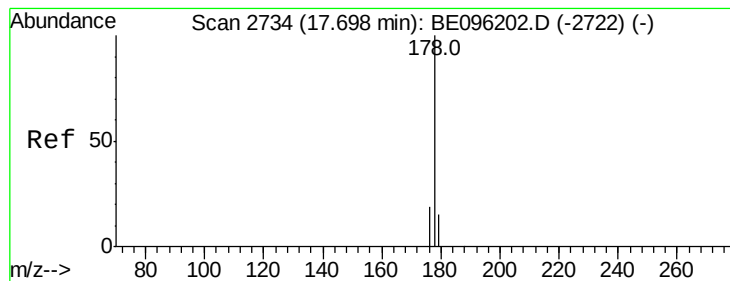
Ion Ratio Lower Upper

266 100

264 62.3 47.9 71.9

268 64.1 49.8 74.8





#12

Phenanthrene

Concen: 3.21 ng/ul

RT: 17.690 min Scan# 27

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

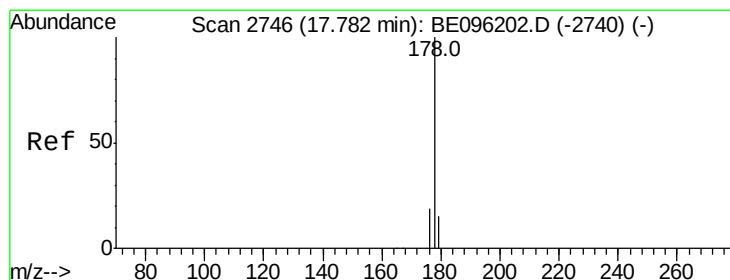
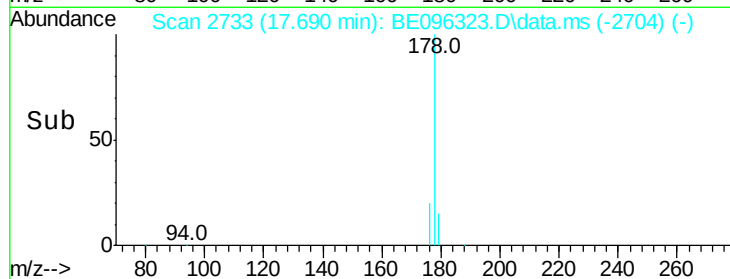
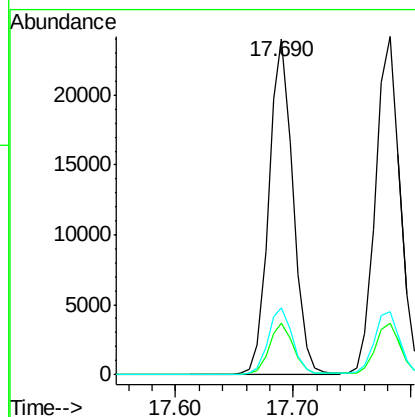
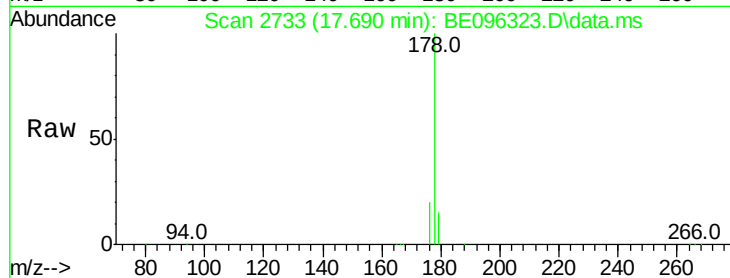
Tgt Ion:178 Resp: 34208

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.7 13.6 20.4



#13

Anthracene

Concen: 3.39 ng/ul

RT: 17.782 min Scan# 2746

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

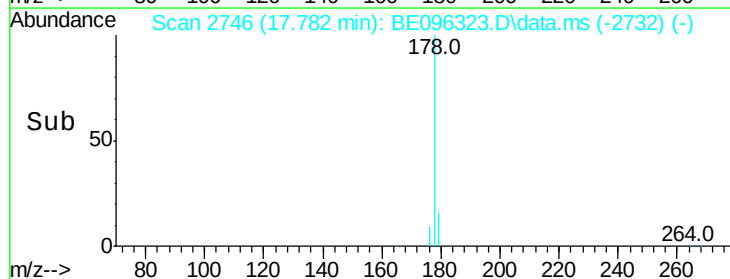
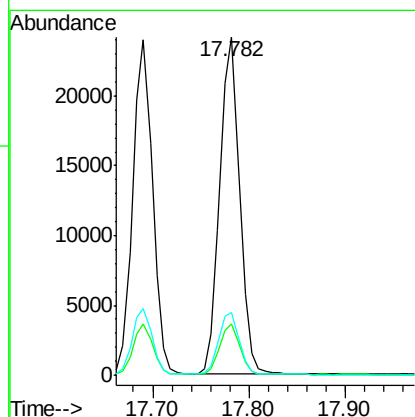
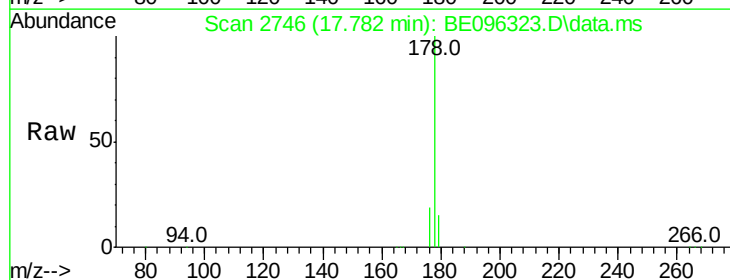
Tgt Ion:178 Resp: 34861

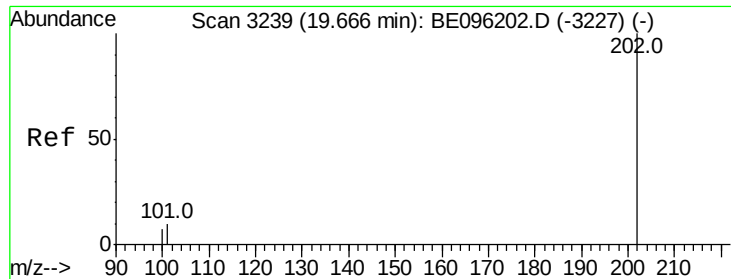
Ion Ratio Lower Upper

178 100

179 15.1 18.1 27.1#

176 18.7 14.7 22.1





#15

Fluoranthene

Concen: 3.13 ng/ul

RT: 19.660 min Scan# 32

Delta R.T. -0.002 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

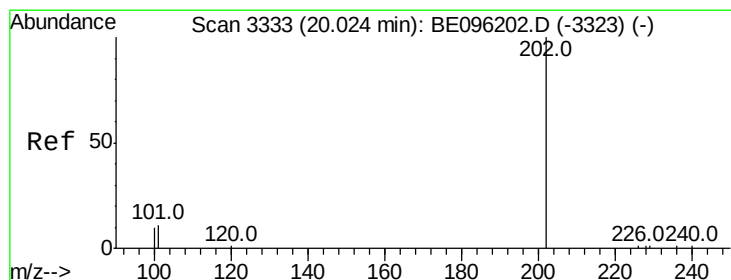
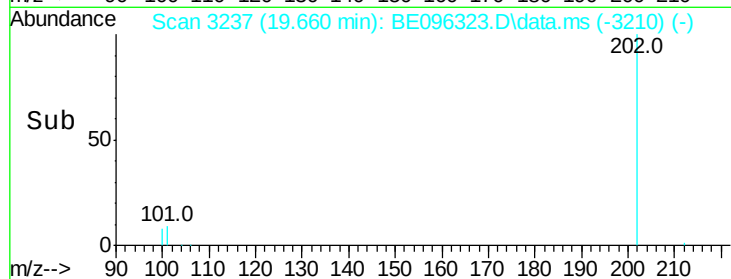
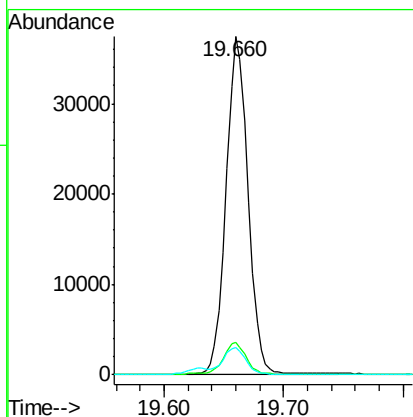
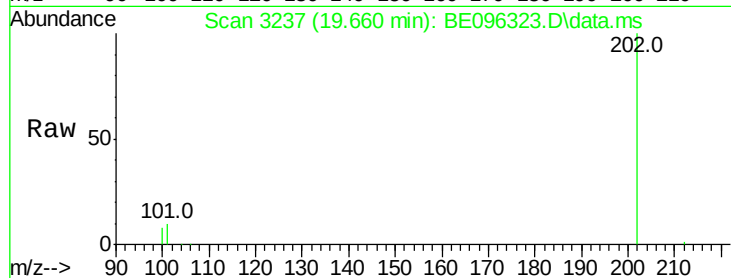
Tgt Ion:202 Resp: 47366

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

100 7.9 0.0 39.5



#17

Pyrene

Concen: 2.69 ng/ul

RT: 20.025 min Scan# 3334

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

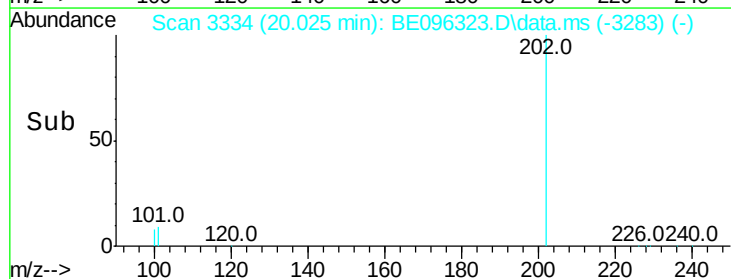
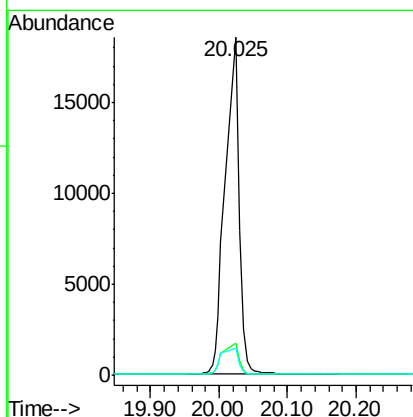
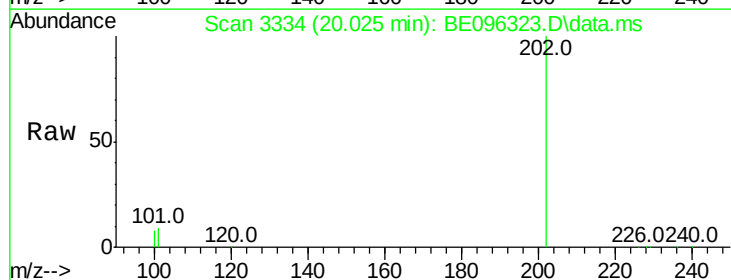
Tgt Ion:202 Resp: 13717

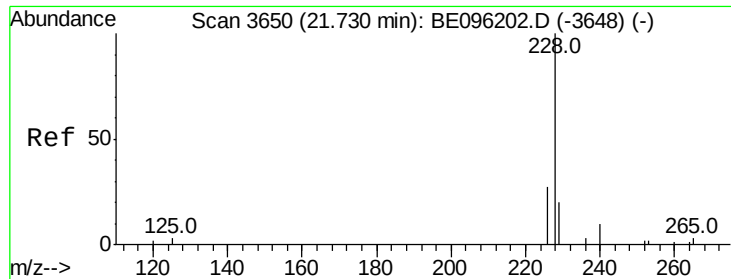
Ion Ratio Lower Upper

202 100

101 9.4 18.2 27.4#

100 8.1 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 2.46 ng/ul

RT: 21.731 min Scan# 36

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

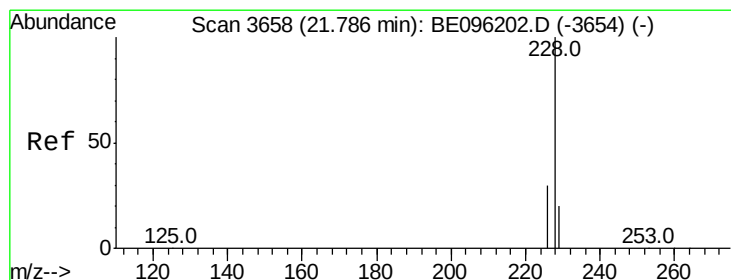
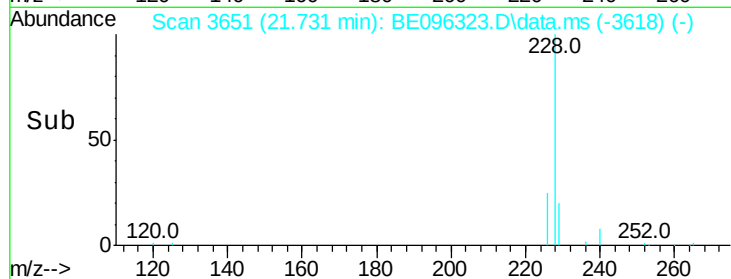
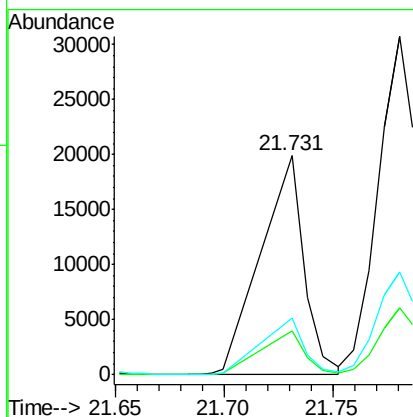
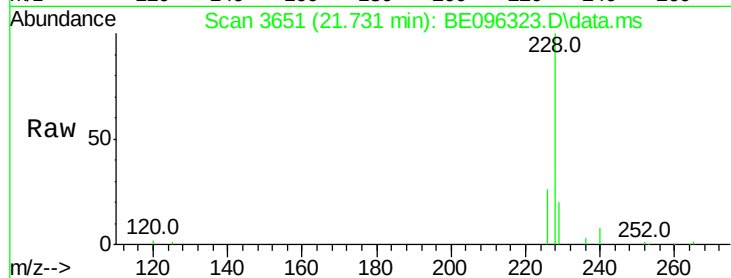
Tgt Ion:228 Resp: 17411

Ion Ratio Lower Upper

228 100

229 20.2 22.8 34.2#

226 25.5 17.0 25.6



#19

Chrysene

Concen: 3.07 ng/ul

RT: 21.780 min Scan# 3658

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

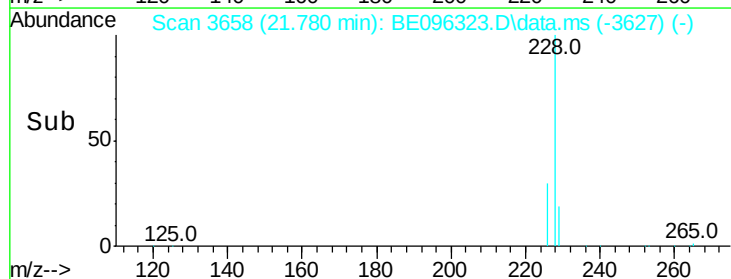
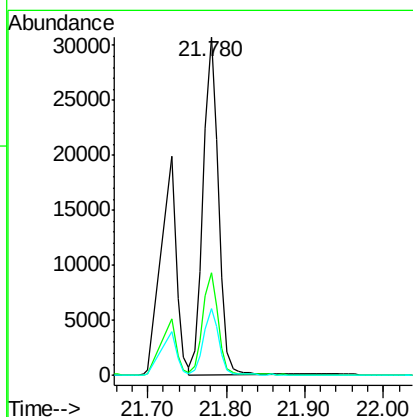
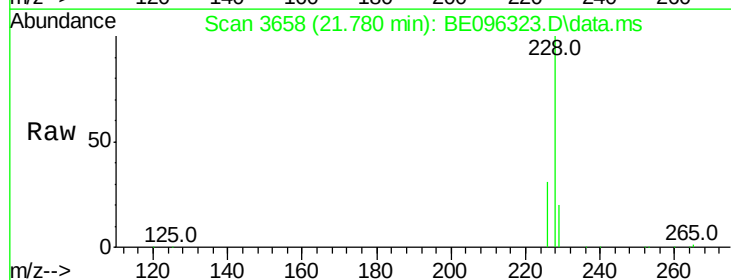
Tgt Ion:228 Resp: 41542

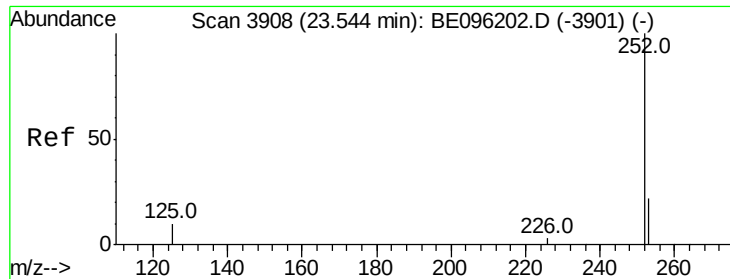
Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

229 19.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 3.21 ng/ul

RT: 23.538 min Scan# 3908

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

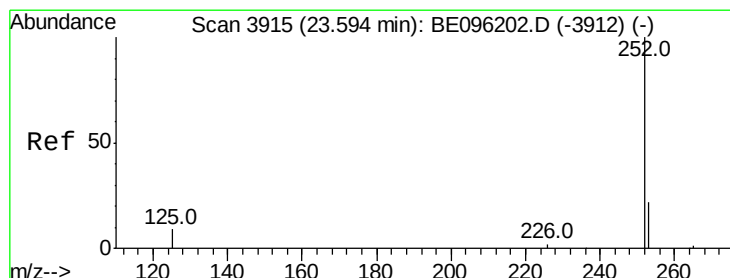
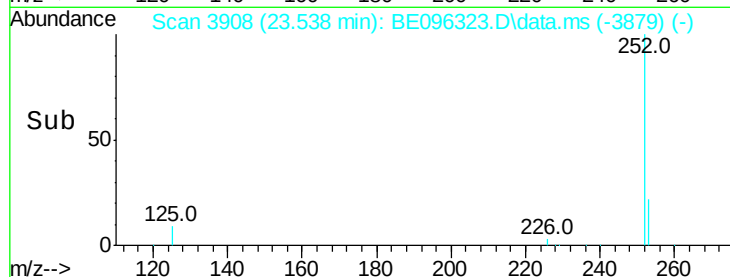
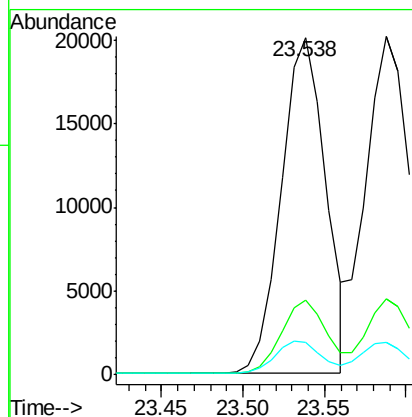
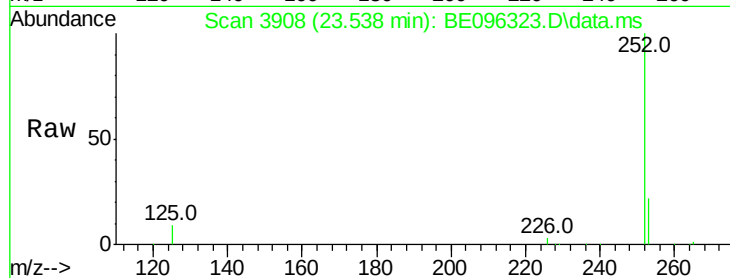
Tgt Ion:252 Resp: 37853

Ion Ratio Lower Upper

252 100

253 22.0 0.0 64.2

125 9.4 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 3.41 ng/ul

RT: 23.588 min Scan# 3915

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

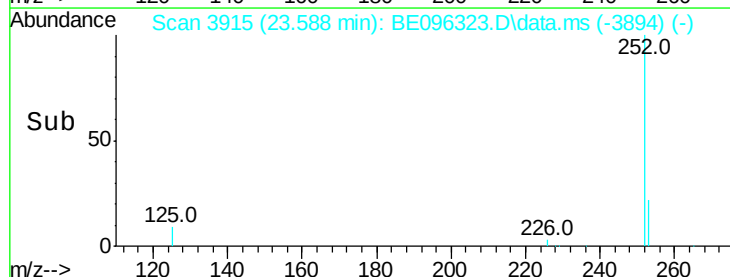
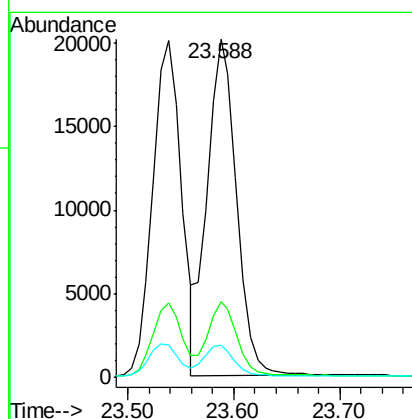
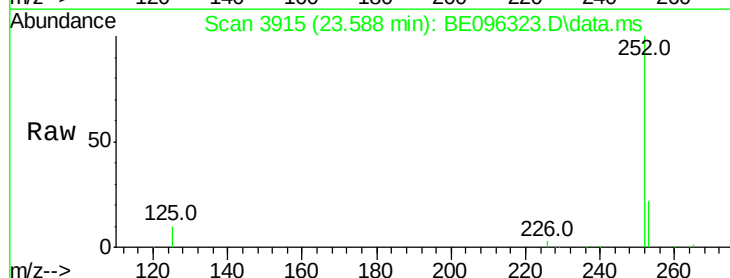
Tgt Ion:252 Resp: 38812

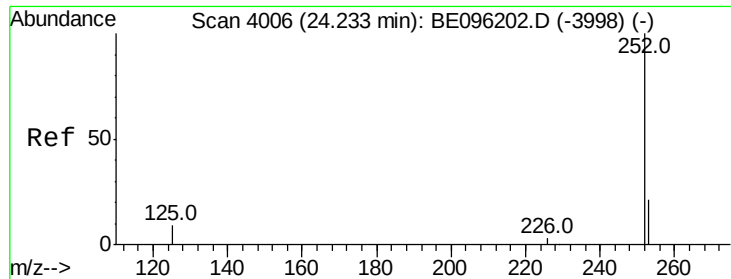
Ion Ratio Lower Upper

252 100

253 22.3 24.5 36.7#

125 9.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 3.30 ng/ul

RT: 24.227 min Scan# 40

Delta R.T. 0.001 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

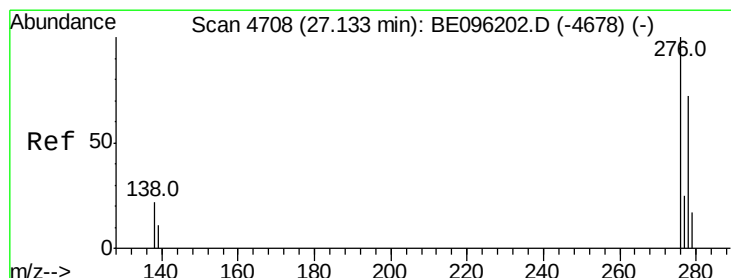
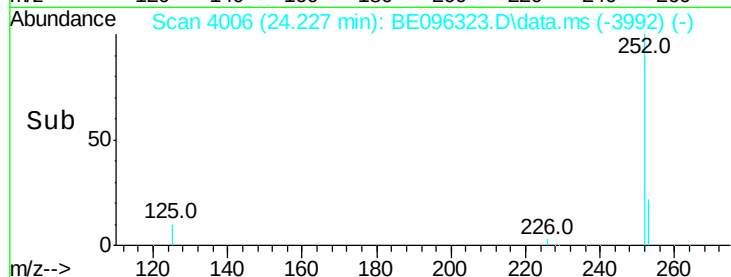
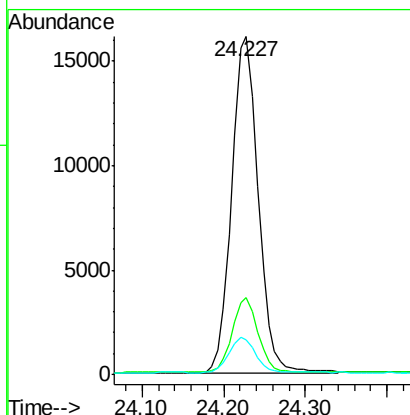
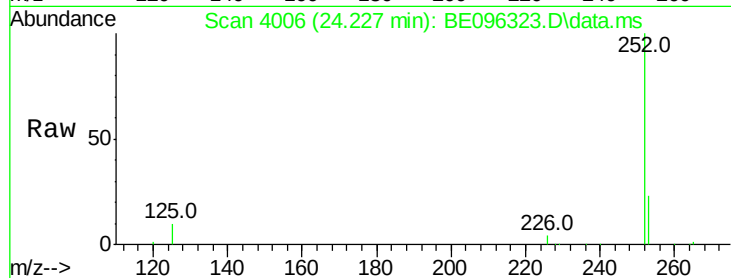
Tgt Ion:252 Resp: 36455

Ion Ratio Lower Upper

252 100

253 22.6 28.5 42.7#

125 10.2 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.36 ng/ul

RT: 27.116 min Scan# 4704

Delta R.T. -0.003 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

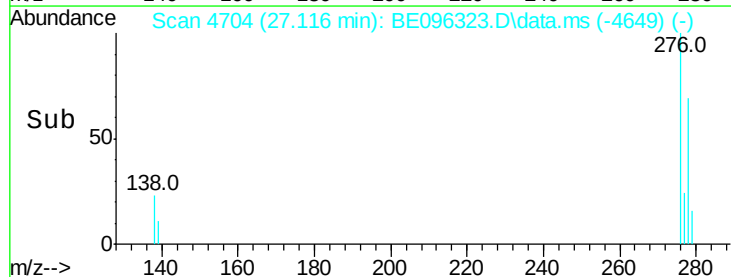
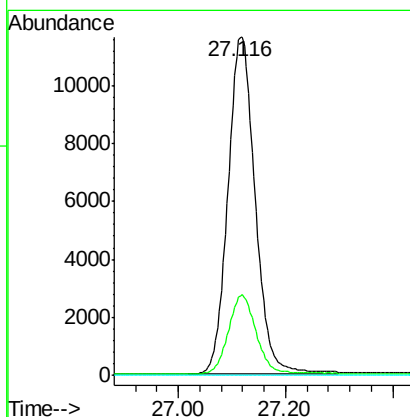
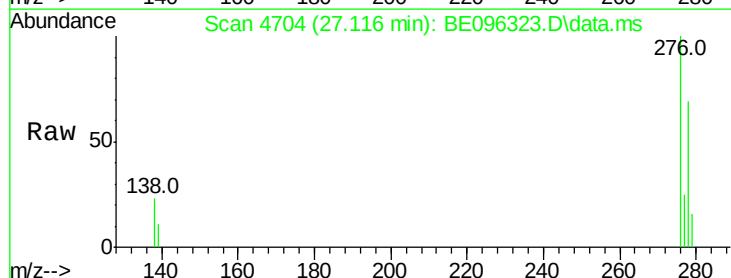
Tgt Ion:276 Resp: 41021

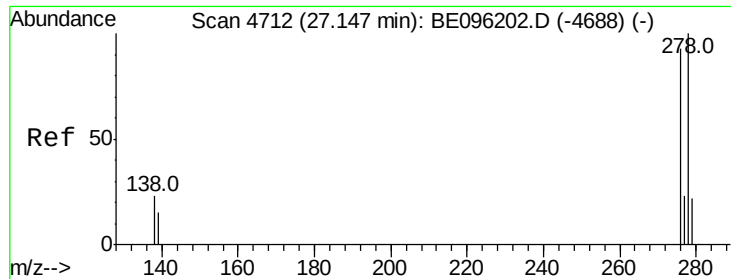
Ion Ratio Lower Upper

276 100

138 23.6 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 3.35 ng/ul

RT: 27.127 min Scan# 47

Delta R.T. -0.010 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Instrument :

BNA_E

ClientSampleId :

SSTD3.275

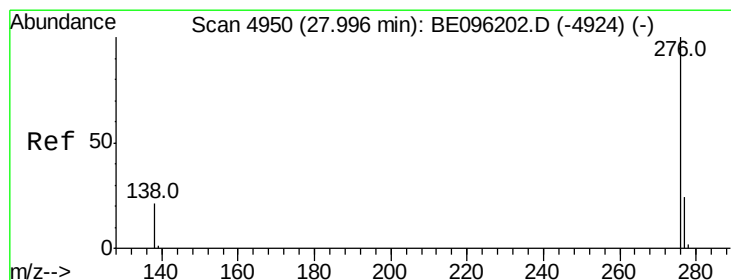
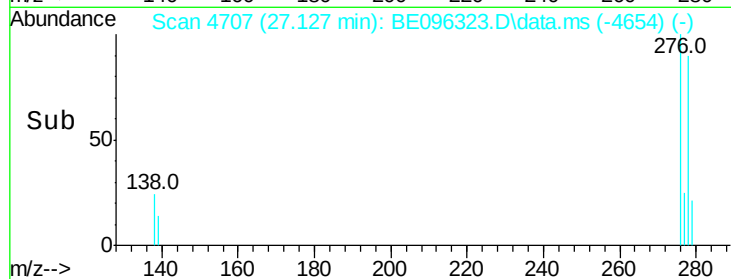
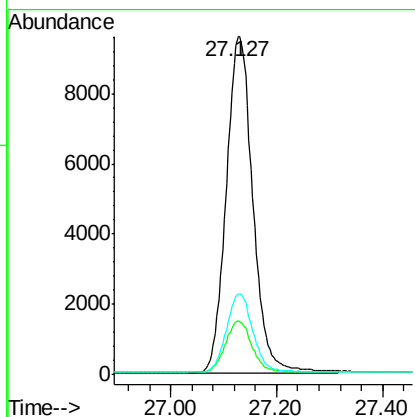
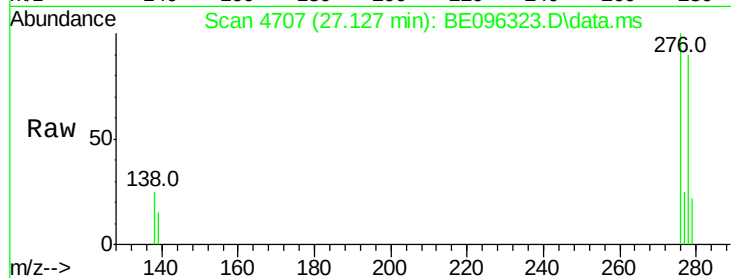
Tgt Ion:278 Resp: 33508

Ion Ratio Lower Upper

278 100

139 16.1 17.4 26.0#

279 23.8 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 3.32 ng/ul

RT: 27.979 min Scan# 4946

Delta R.T. -0.003 min

Lab File: BE096323.D

Acq: 3 May 2018 12:32

Tgt Ion:276 Resp: 34172

Ion Ratio Lower Upper

276 100

138 20.1 21.8 32.8#

277 23.8 20.5 30.7

