

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
 Data File : BE096322.D
 Acq On : 3 May 2018 11:56
 Operator : SJ/JU
 Sample : SSTD1.674
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD1.674

Quant Time: May 03 12:42:23 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 12:01:48 2018
 Response via : Initial Calibration

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

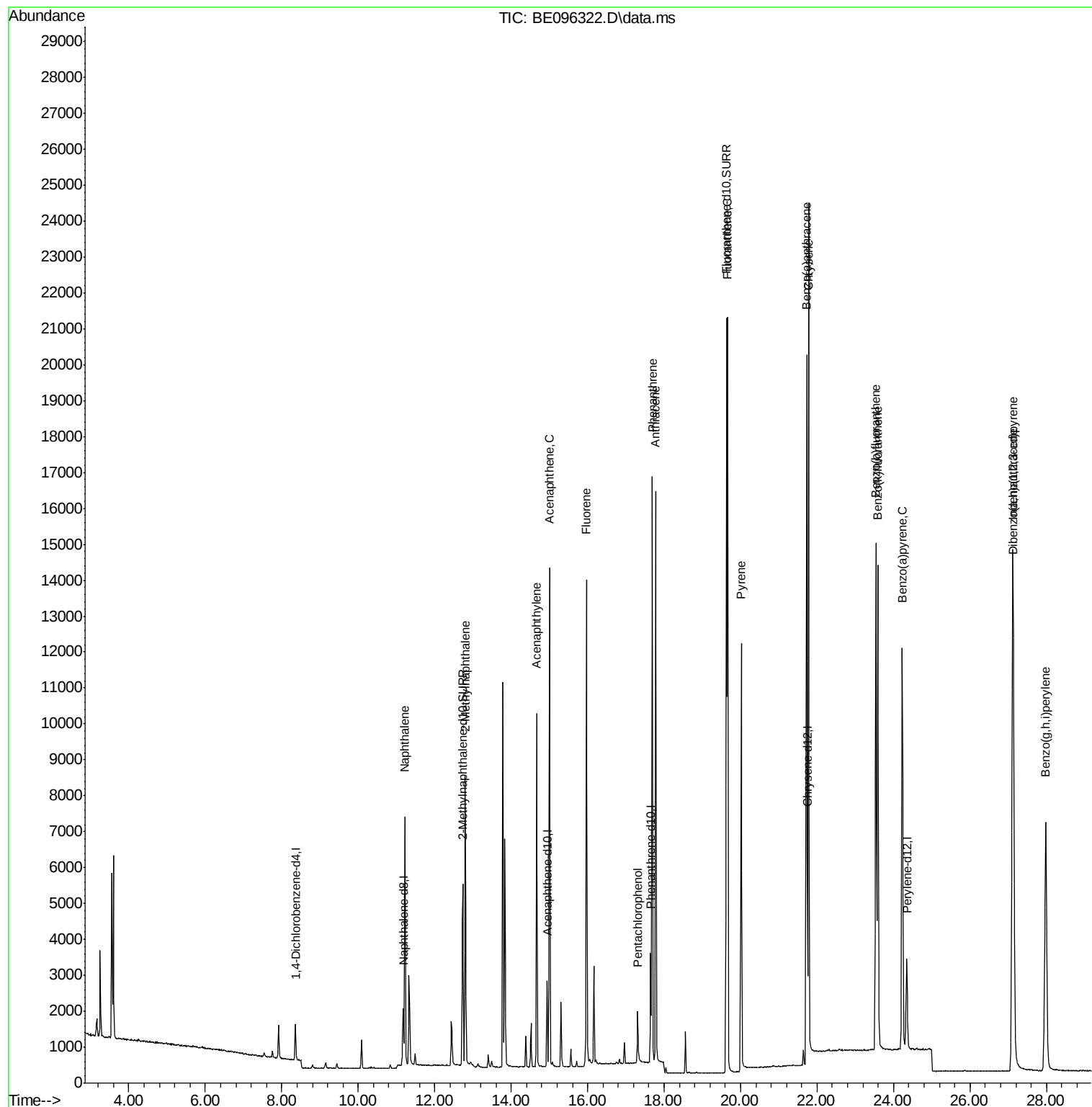
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	562	0.40	ng/ul	0.00
2) Naphthalene-d8	11.176	136	2180	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.942	164	1313	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.647	188	3575	0.40	ng/ul	0.00
16) Chrysene-d12	21.744	240	4391	0.40	ng/ul	0.00
20) Perylene-d12	24.346	264	3640	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.731	152	6535	1.67	ng/ul	0.00
14) Fluoranthene-d10	19.634	212	23697	1.56	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.221	128	9504	1.58	ng/ul#	89
5) 2-Methylnaphthalene	12.802	142	6657	1.69	ng/ul	99
7) Acenaphthylene	14.666	152	11157	1.65	ng/ul	97
8) Acenaphthene	15.000	153	7925	1.61	ng/ul	93
9) Fluorene	15.972	166	11087	1.68	ng/ul#	93
11) Pentachlorophenol	17.310	266	820	1.73	ng/ul	96
12) Phenanthrene	17.690	178	17086	1.59	ng/ul#	88
13) Anthracene	17.781	178	17022	1.65	ng/ul#	91
15) Fluoranthene	19.662	202	23837	1.55	ng/ul	82
17) Pyrene	20.024	202	7354	1.46	ng/ul#	75
18) Benzo(a)anthracene	21.730	228	9787	1.39	ng/ul#	86
19) Chrysene	21.779	228	21434	1.64	ng/ul	96
21) Benzo(b)fluoranthene	23.537	252	20412	1.65	ng/ul	83
22) Benzo(k)fluoranthene	23.586	252	19276	1.60	ng/ul#	86
23) Benzo(a)pyrene	24.226	252	18827	1.62	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.119	276	21145	1.65	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.137	278	17282	1.65	ng/ul#	86
26) Benzo(g,h,i)perylene	27.982	276	17749	1.64	ng/ul#	92

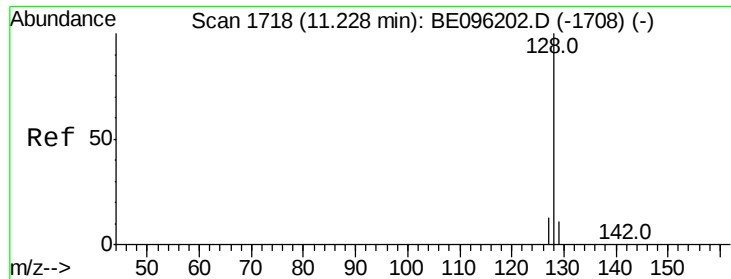
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.58 ng/ul

RT: 11.221 min Scan# 17

Delta R.T. 0.001 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

ClientSampleId :

SSTD1.674

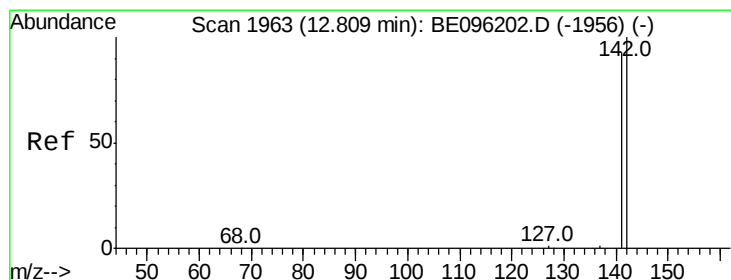
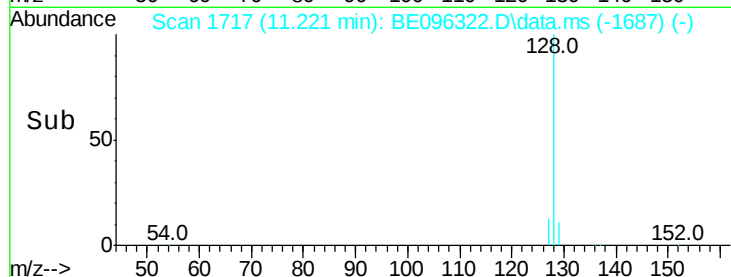
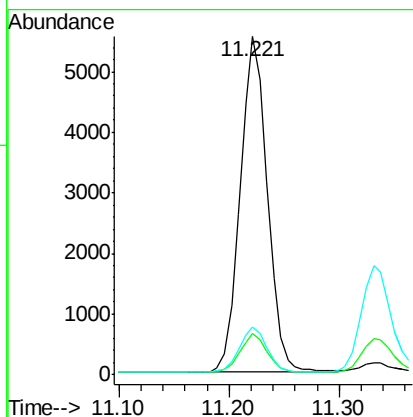
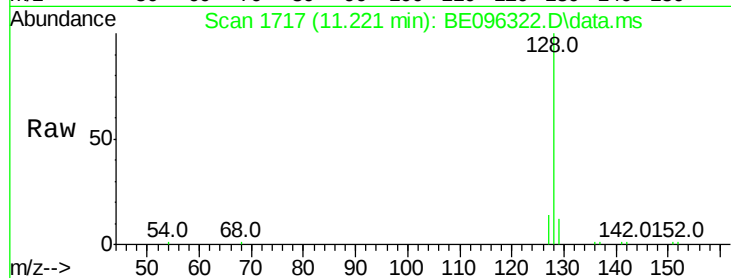
Tgt Ion:128 Resp: 9504

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

127 13.9 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 1.69 ng/ul

RT: 12.802 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BE096322.D

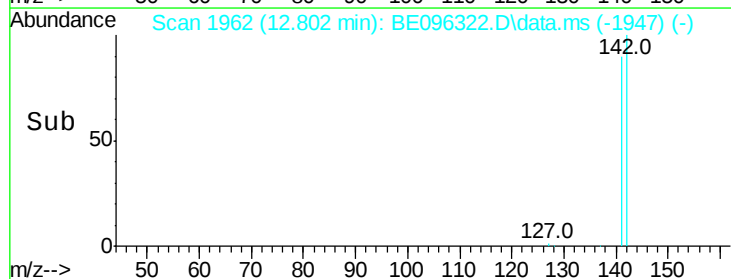
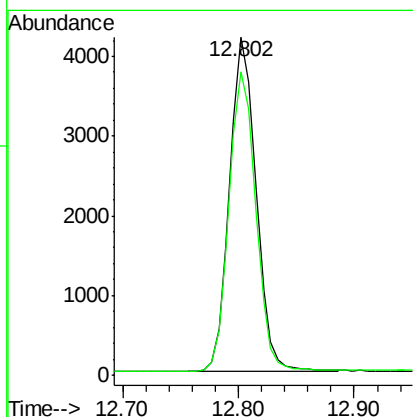
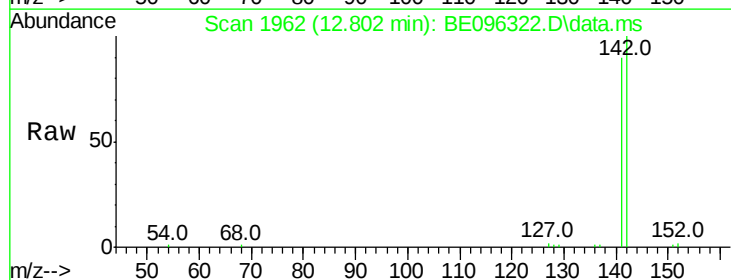
Acq: 3 May 2018 11:56

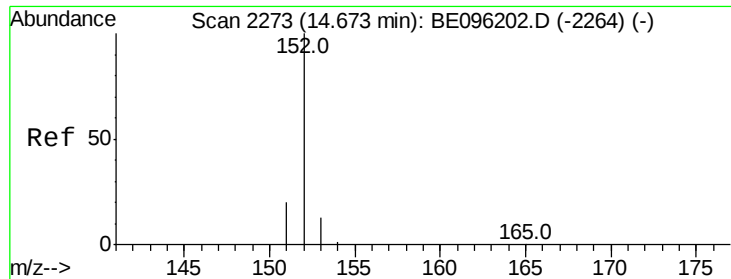
Tgt Ion:142 Resp: 6657

Ion Ratio Lower Upper

142 100

141 91.5 72.6 108.8





#7

Acenaphthylene

Concen: 1.65 ng/ul

RT: 14.666 min Scan# 22

Delta R.T. -0.001 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

ClientSampleId :

SSTD1.674

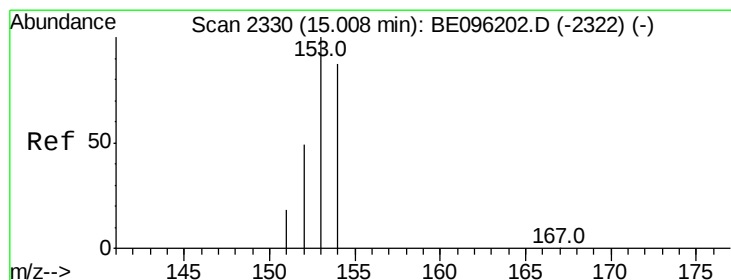
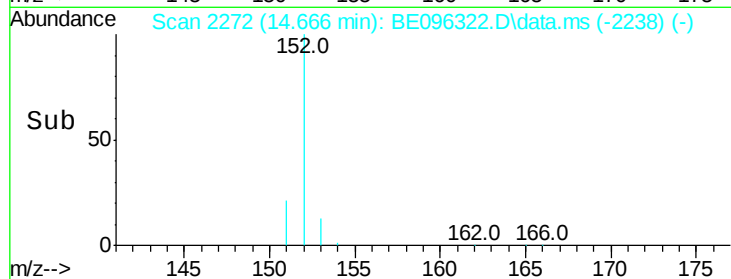
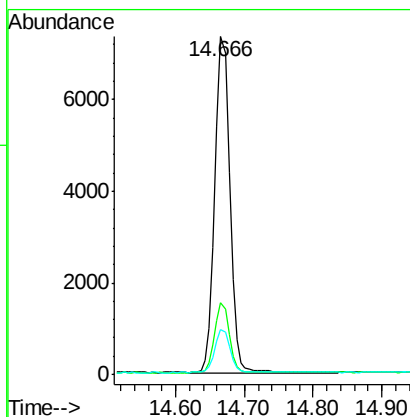
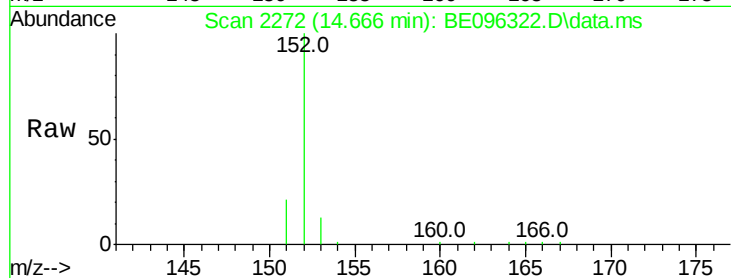
Tgt Ion:152 Resp: 11157

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

153 13.4 12.8 19.2



#8

Acenaphthene

Concen: 1.61 ng/ul

RT: 15.000 min Scan# 2329

Delta R.T. -0.001 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

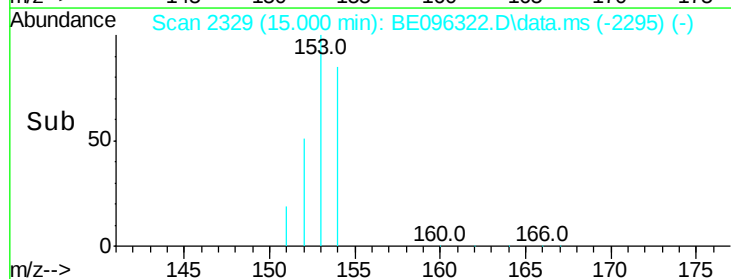
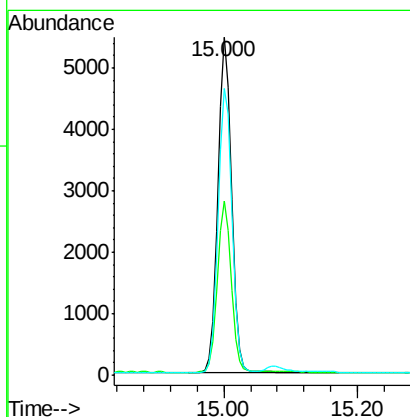
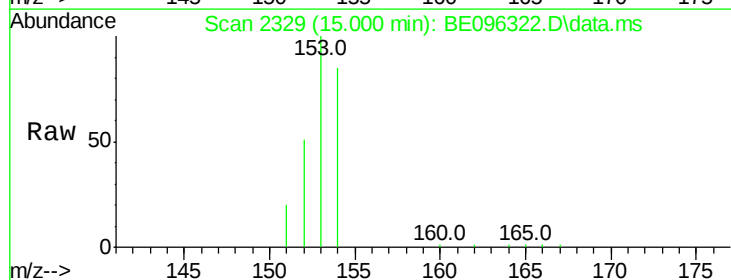
Tgt Ion:153 Resp: 7925

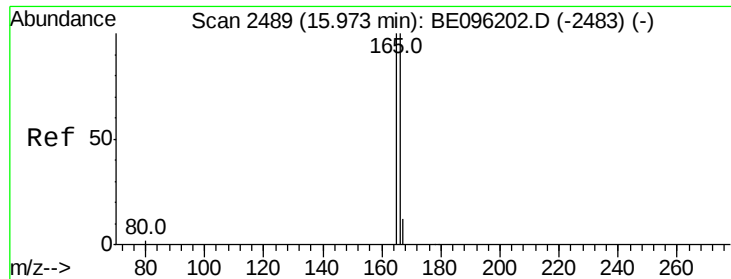
Ion Ratio Lower Upper

153 100

152 51.5 36.0 54.0

154 84.9 72.0 108.0





#9

Fluorene

Concen: 1.68 ng/ul

RT: 15.972 min Scan# 24

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

ClientSampleId :

SSTD1.674

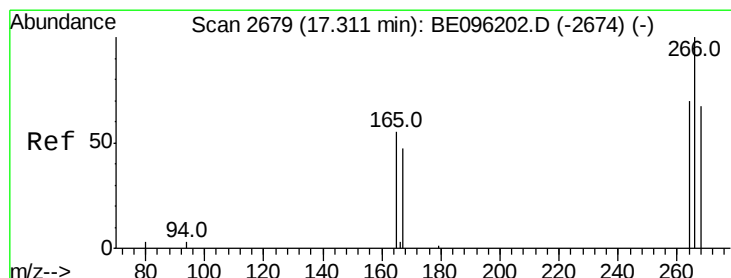
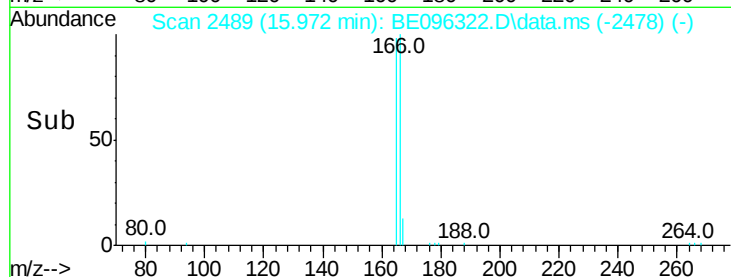
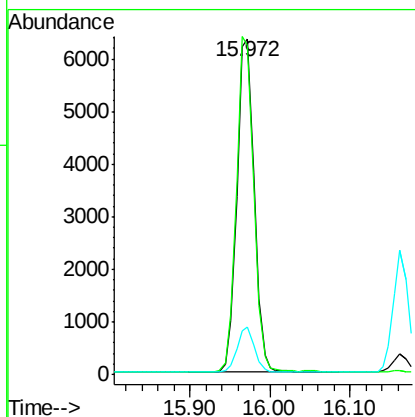
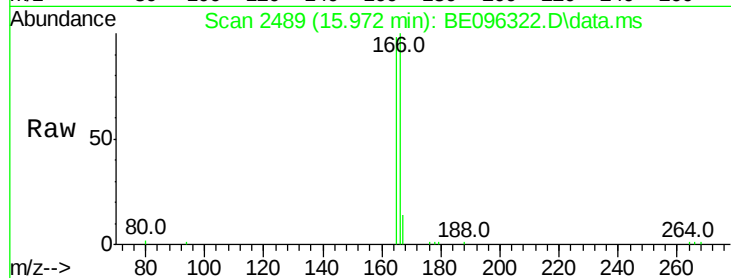
Tgt Ion:166 Resp: 11087

Ion Ratio Lower Upper

166 100

165 98.5 73.4 110.2

167 14.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 1.73 ng/ul

RT: 17.310 min Scan# 2679

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

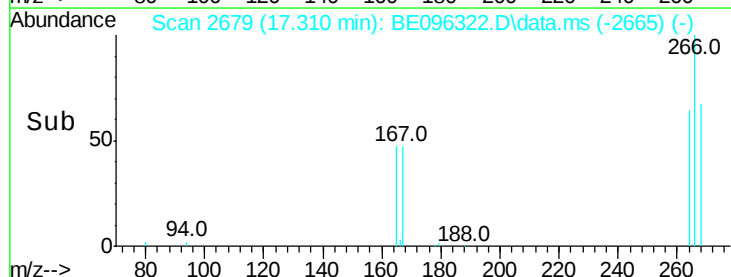
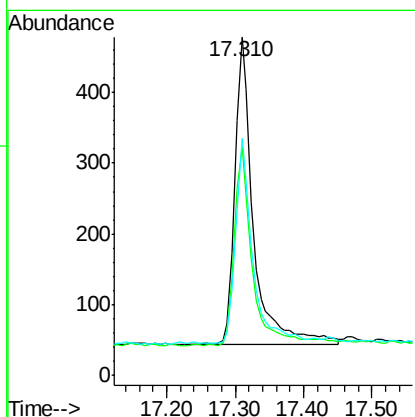
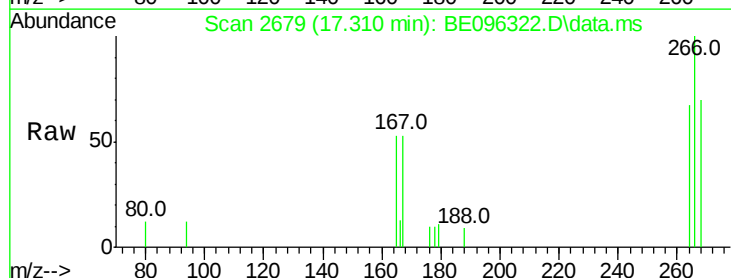
Tgt Ion:266 Resp: 820

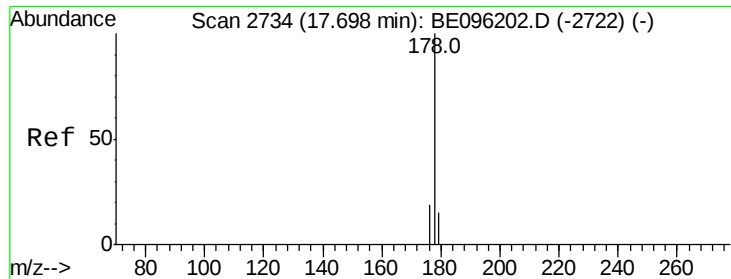
Ion Ratio Lower Upper

266 100

264 65.2 47.9 71.9

268 63.5 49.8 74.8





#12

Phenanthrene

Concen: 1.59 ng/ul

RT: 17.690 min Scan# 27

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

ClientSampleId :

SSTD1.674

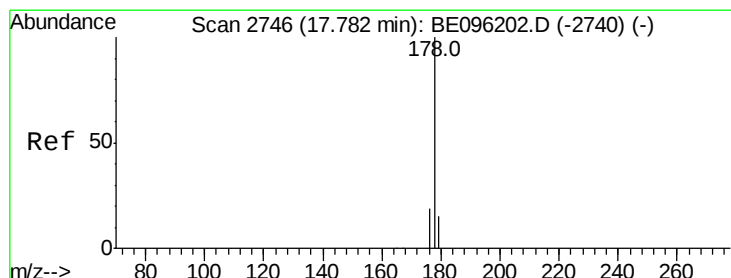
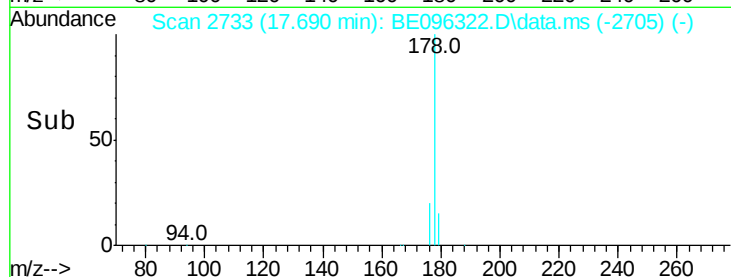
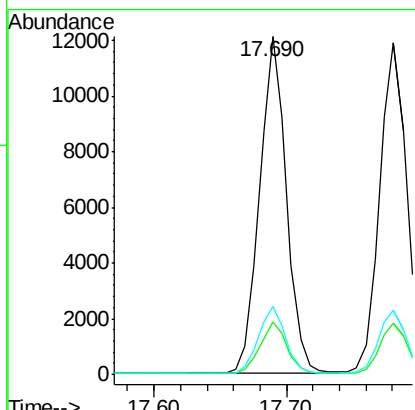
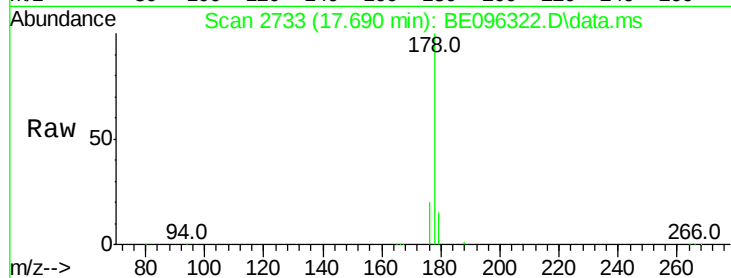
Tgt Ion:178 Resp: 17086

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 20.0 13.6 20.4



#13

Anthracene

Concen: 1.65 ng/ul

RT: 17.781 min Scan# 2746

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

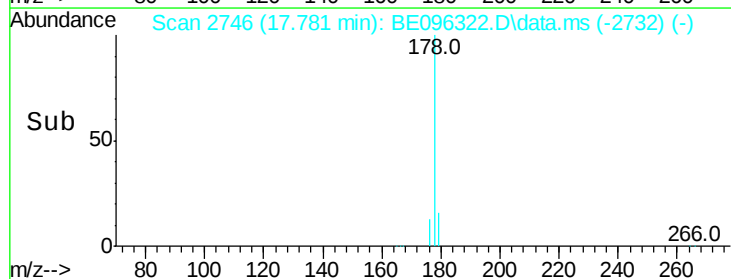
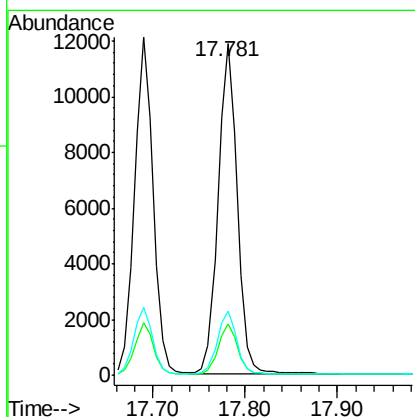
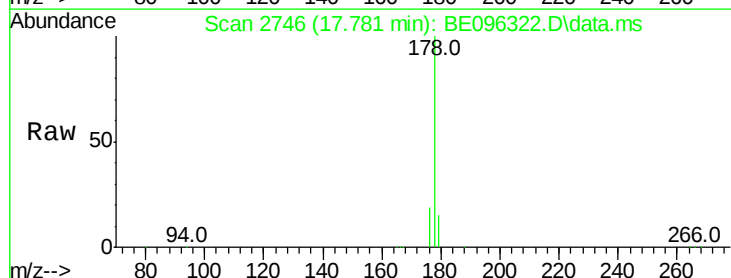
Tgt Ion:178 Resp: 17022

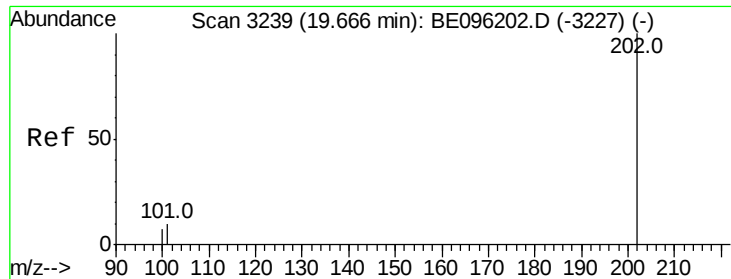
Ion Ratio Lower Upper

178 100

179 15.4 18.1 27.1#

176 19.2 14.7 22.1





#15

Fluoranthene

Concen: 1.55 ng/ul

RT: 19.662 min Scan# 32

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

ClientSampleId :

SSTD1.674

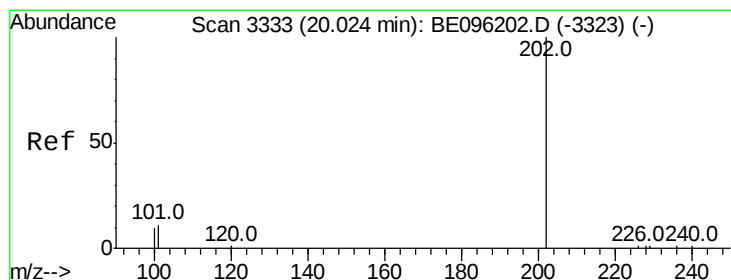
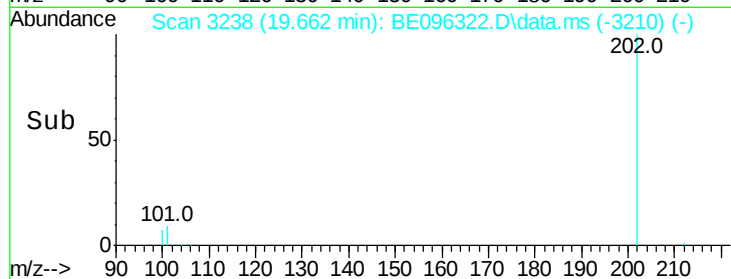
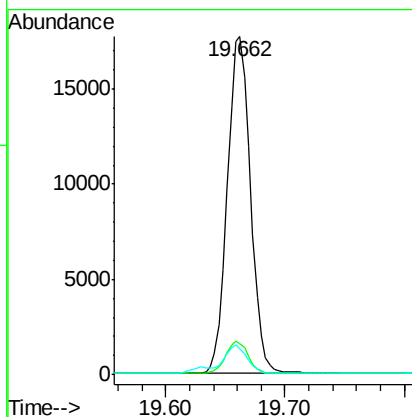
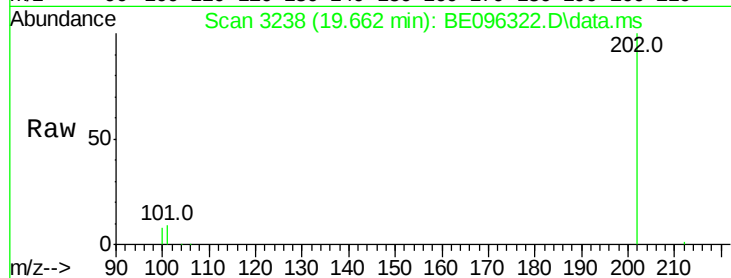
Tgt Ion:202 Resp: 23837

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

100 7.5 0.0 39.5



#17

Pyrene

Concen: 1.46 ng/ul

RT: 20.024 min Scan# 3334

Delta R.T. 0.001 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

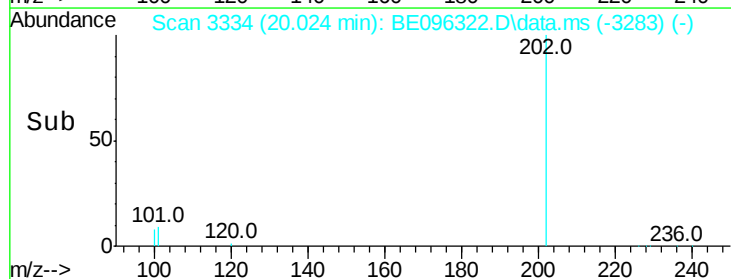
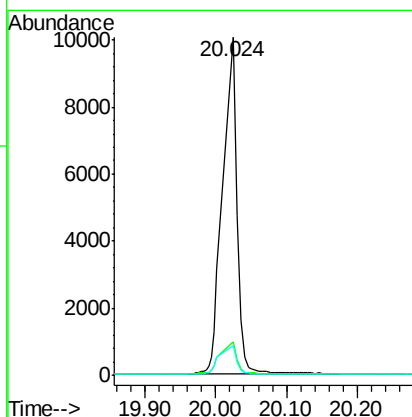
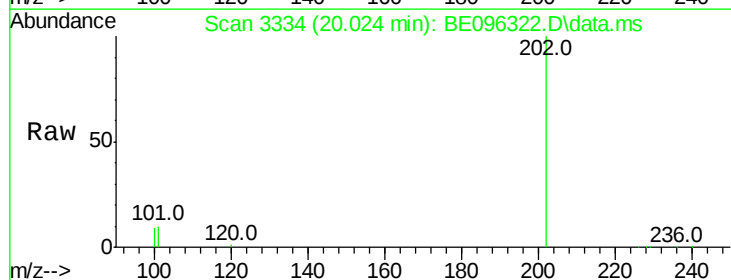
Tgt Ion:202 Resp: 7354

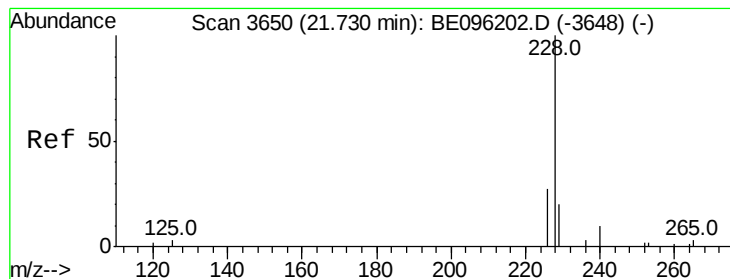
Ion Ratio Lower Upper

202 100

101 9.8 18.2 27.4#

100 8.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 1.39 ng/ul

RT: 21.730 min Scan# 36

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

ClientSampleId :

SSTD1.674

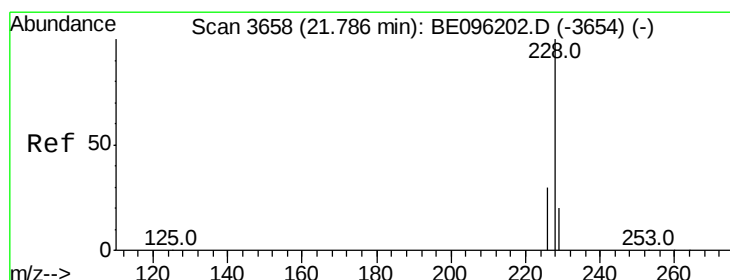
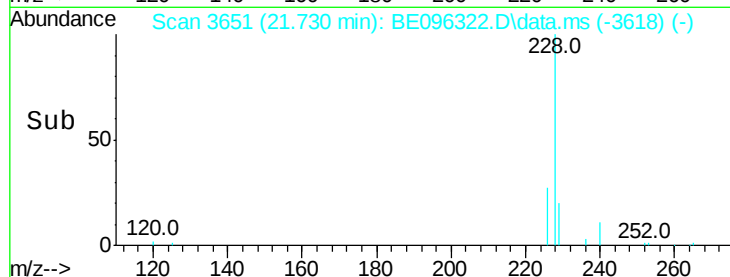
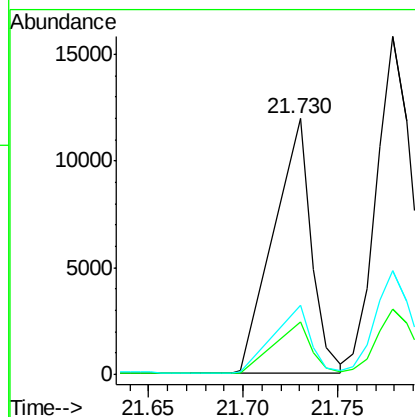
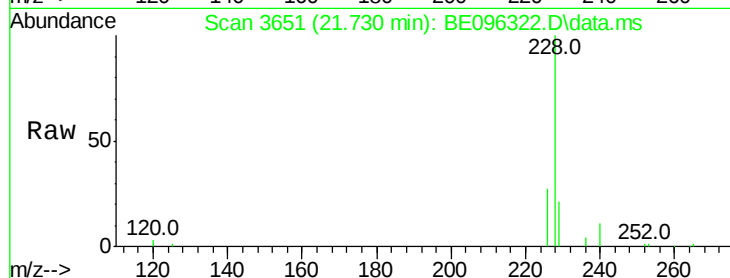
Tgt Ion:228 Resp: 9787

Ion Ratio Lower Upper

228 100

229 20.6 22.8 34.2#

226 26.8 17.0 25.6#



#19

Chrysene

Concen: 1.64 ng/ul

RT: 21.779 min Scan# 3658

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

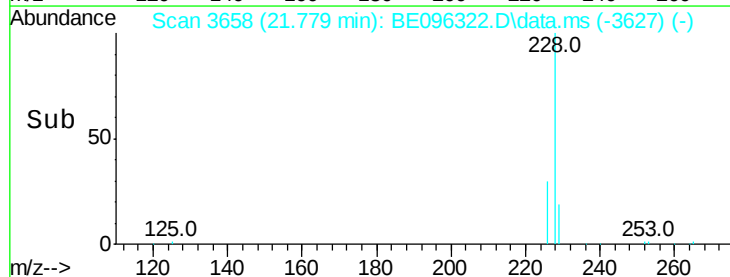
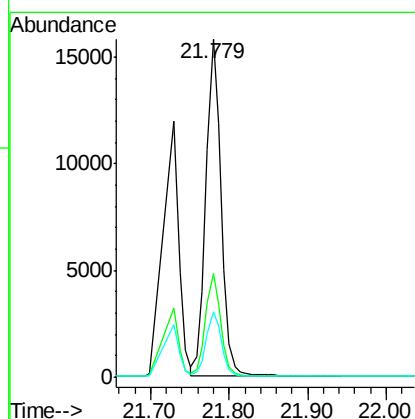
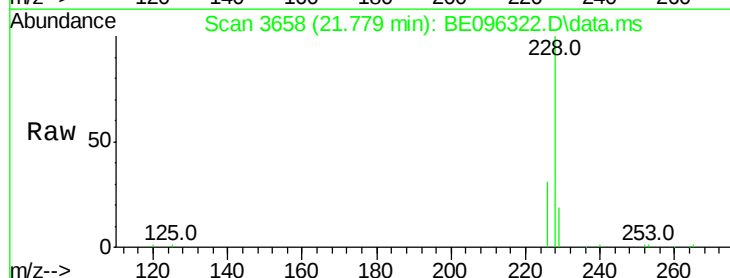
Tgt Ion:228 Resp: 21434

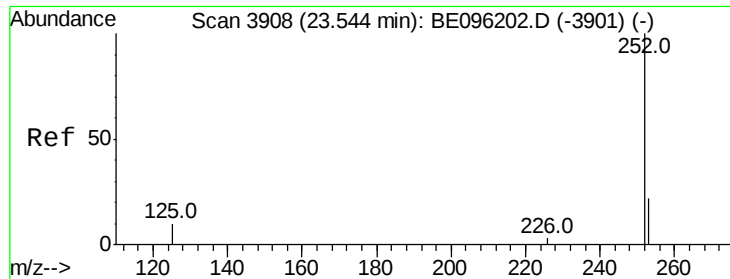
Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 19.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.65 ng/ul

RT: 23.537 min Scan# 3908

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

BNA_E

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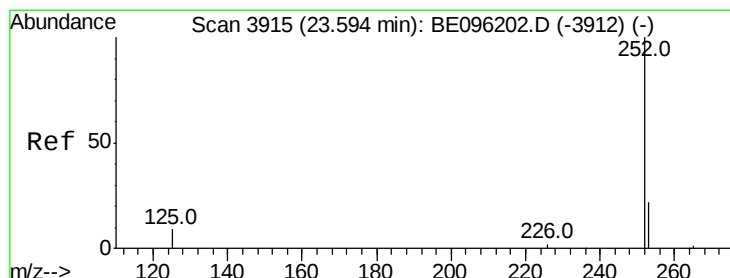
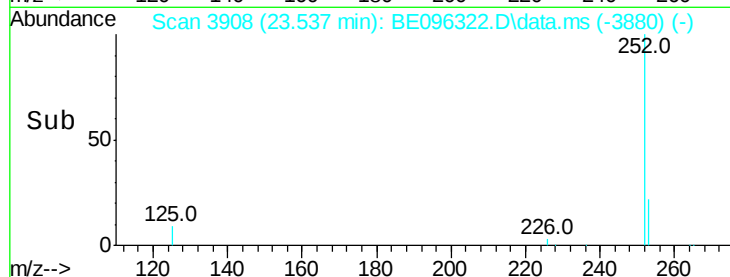
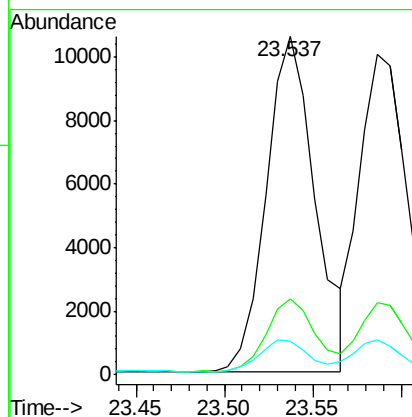
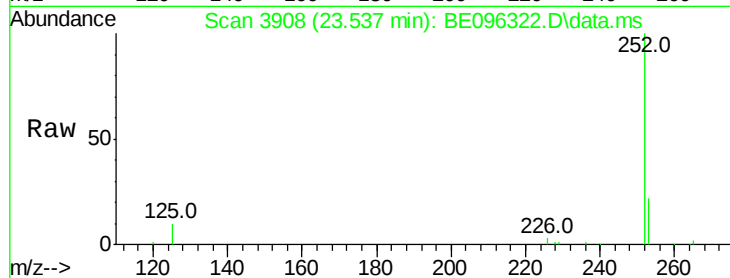
Tgt Ion:252 Resp: 20412

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

125 9.9 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 1.60 ng/ul

RT: 23.586 min Scan# 3915

Delta R.T. -0.007 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

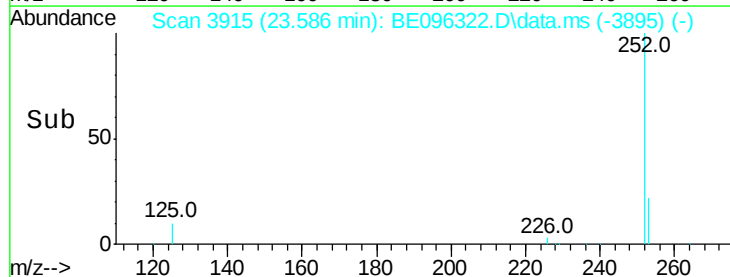
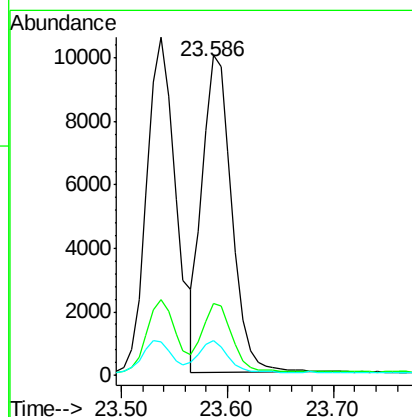
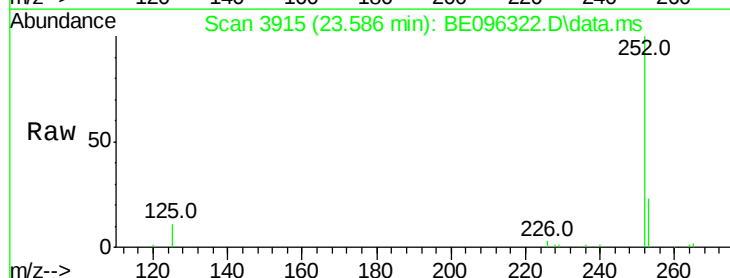
Tgt Ion:252 Resp: 19276

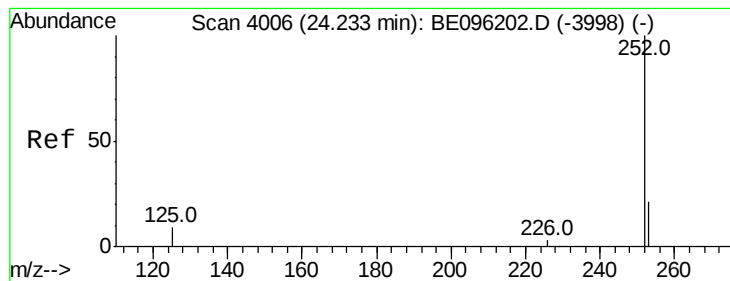
Ion Ratio Lower Upper

252 100

253 22.6 24.5 36.7#

125 10.9 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 1.62 ng/ul

RT: 24.226 min Scan# 40

Delta R.T. -0.000 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

Instrument :

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SSTD1.674

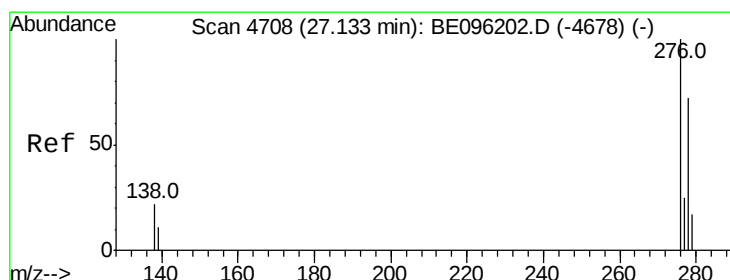
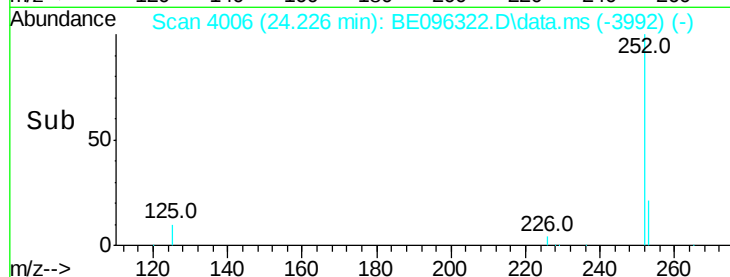
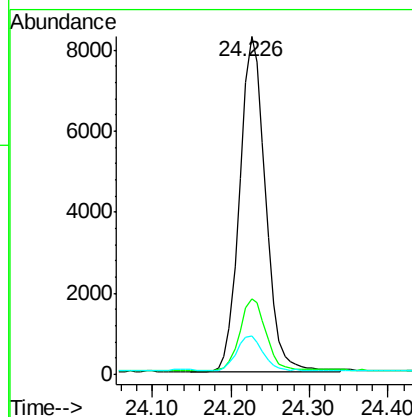
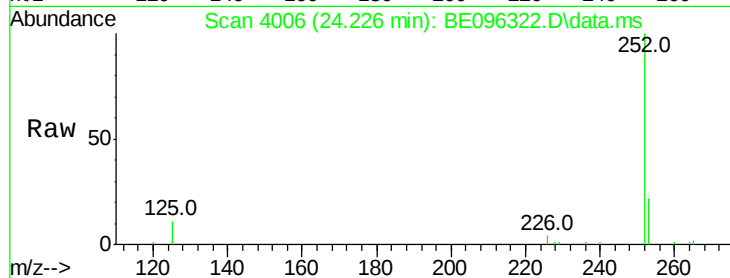
Tgt Ion:252 Resp: 18827

Ion Ratio Lower Upper

252 100

253 22.4 28.5 42.7#

125 11.3 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.65 ng/ul

RT: 27.119 min Scan# 4705

Delta R.T. -0.003 min

Lab File: BE096322.D

Acq: 3 May 2018 11:56

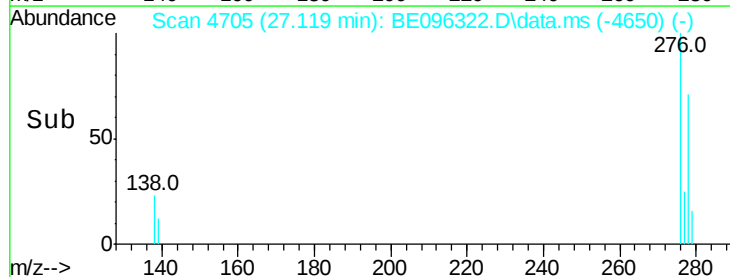
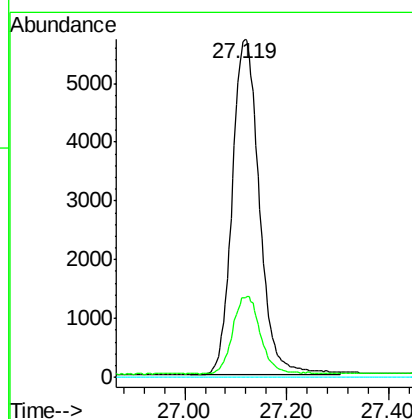
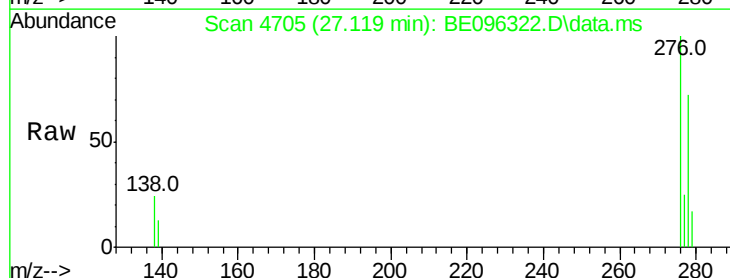
Tgt Ion:276 Resp: 21145

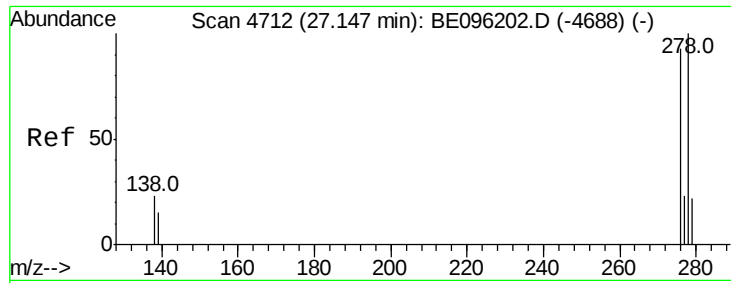
Ion Ratio Lower Upper

276 100

138 23.5 28.0 42.0#

227 0.0 8.0 12.0#

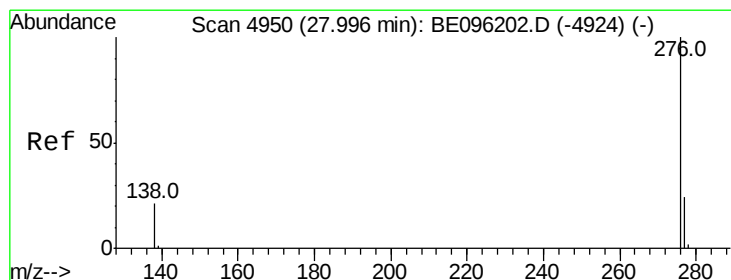
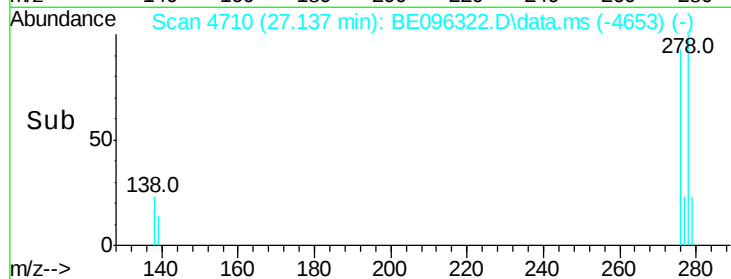
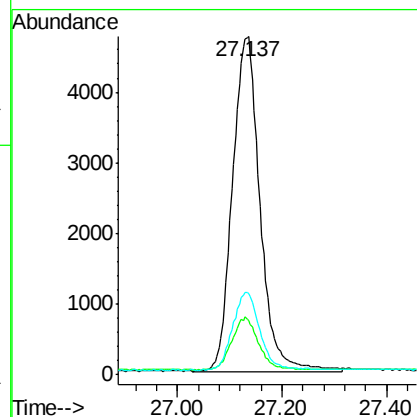
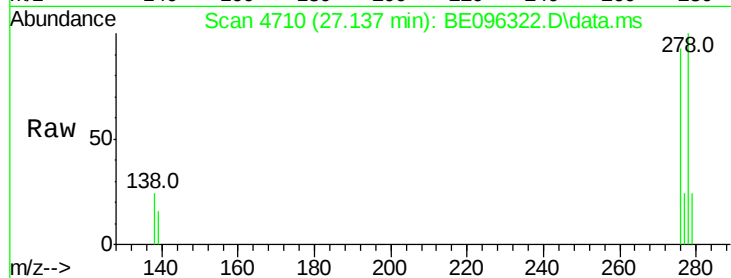




#25
Dibenzo(a,h)anthracene
Concen: 1.65 ng/ul
RT: 27.137 min Scan# 4712
Delta R.T. 0.004 min
Lab File: BE096322.D
Acq: 3 May 2018 11:56

Instrument :
BNA_E
ClientSampleId :
SSTD1.674

Tgt Ion:278 Resp: 17282
Ion Ratio Lower Upper
278 100
139 15.9 17.4 26.0#
279 23.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.64 ng/ul
RT: 27.982 min Scan# 4947
Delta R.T. -0.003 min
Lab File: BE096322.D
Acq: 3 May 2018 11:56

Tgt Ion:276 Resp: 17749
Ion Ratio Lower Upper
276 100
138 21.3 21.8 32.8#
277 23.9 20.5 30.7

