

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
 Data File : BE096320.D
 Acq On : 3 May 2018 10:45
 Operator : SJ/JU
 Sample : SSTD0.472
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.472

Quant Time: May 03 11:38:39 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)

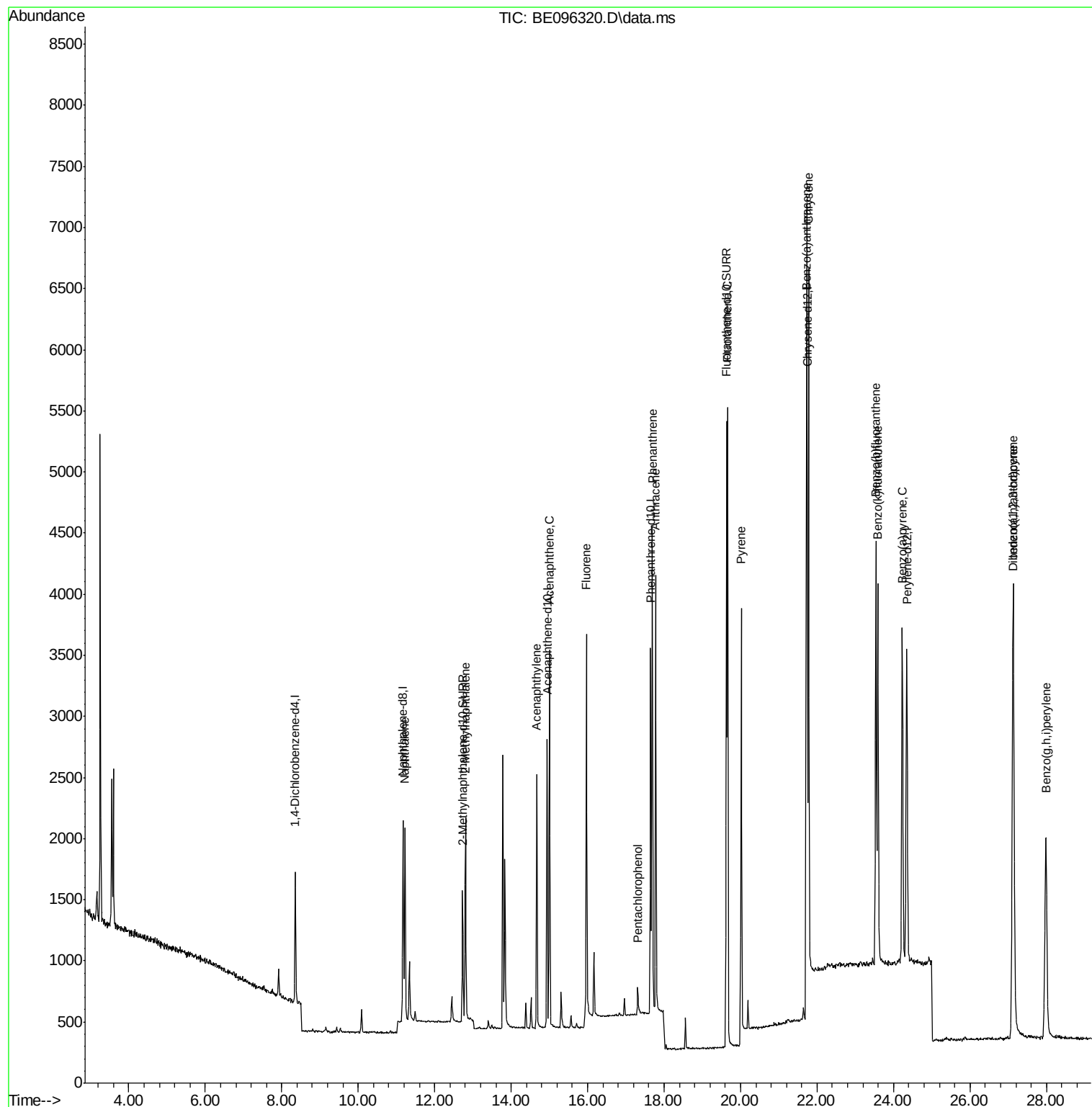
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	581	0.40	ng/ul	0.00
2) Naphthalene-d8	11.176	136	2241	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.943	164	1306	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.649	188	3696	0.40	ng/ul	0.00
16) Chrysene-d12	21.745	240	4855	0.40	ng/ul	0.00
20) Perylene-d12	24.346	264	3956	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.730	152	1515	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.630	212	5879	0.34	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	11.221	128	2327	0.37	ng/ul#	89
5) 2-Methylnaphthalene	12.808	142	1538	0.37	ng/ul	99
7) Acenaphthylene	14.667	152	2491	0.37	ng/ul	99
8) Acenaphthene	15.002	153	1795	0.37	ng/ul#	94
9) Fluorene	15.967	166	2492	0.39	ng/ul	88
11) Pentachlorophenol	17.311	266	159	0.18	ng/ul	97
12) Phenanthrene	17.691	178	4149	0.38	ng/ul#	88
13) Anthracene	17.783	178	3958	0.36	ng/ul#	92
15) Fluoranthene	19.662	202	5907	0.36	ng/ul	83
17) Pyrene	20.024	202	2104	0.22	ng/ul#	77
18) Benzo(a)anthracene	21.731	228	2876	0.20	ng/ul#	86
19) Chrysene	21.780	228	5462	0.40	ng/ul	95
21) Benzo(b)fluoranthene	23.538	252	5042	0.34	ng/ul	88
22) Benzo(k)fluoranthene	23.594	252	4852	0.34	ng/ul#	91
23) Benzo(a)pyrene	24.227	252	4750	0.37	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.126	276	5197	0.30	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.136	278	4237	0.29	ng/ul	94
26) Benzo(g,h,i)perylene	27.989	276	4446	0.29	ng/ul	97

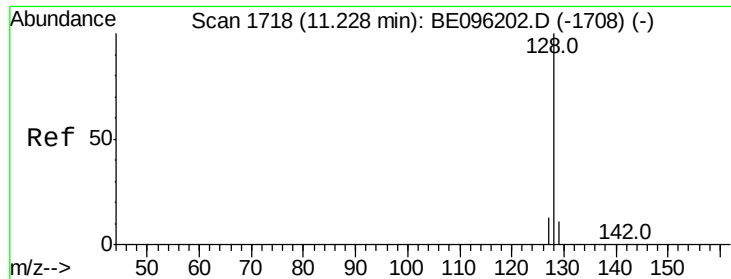
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE050318\
Data File : BE096320.D
Acq On : 3 May 2018 10:45
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
SSTD0.472

Quant Time: May 03 11:38:39 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE050318.M
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QLast Update : Thu May 03 11:32:43 2018
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#3

Naphthalene

Concen: 0.37 ng/ul

RT: 11.221 min Scan# 17

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

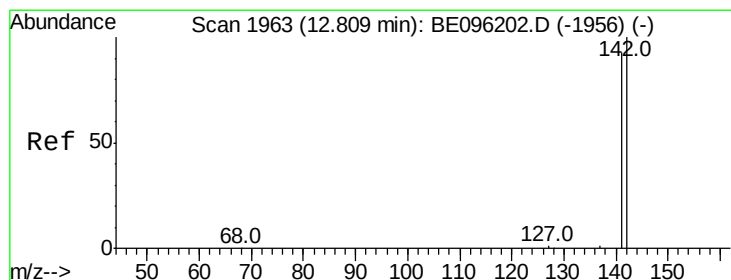
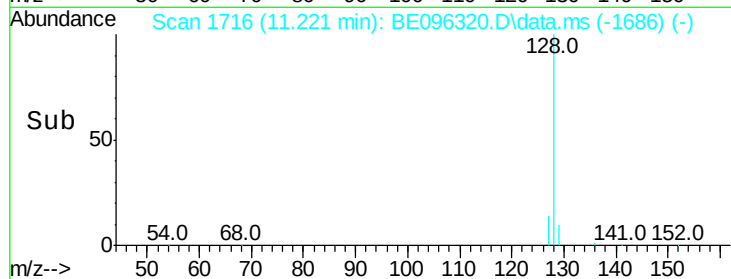
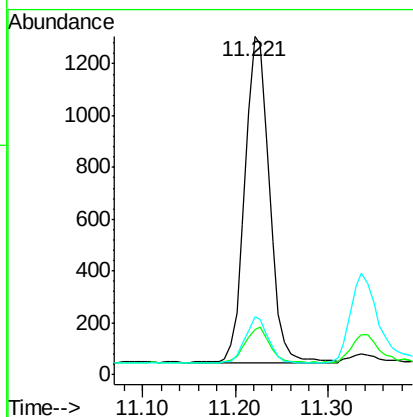
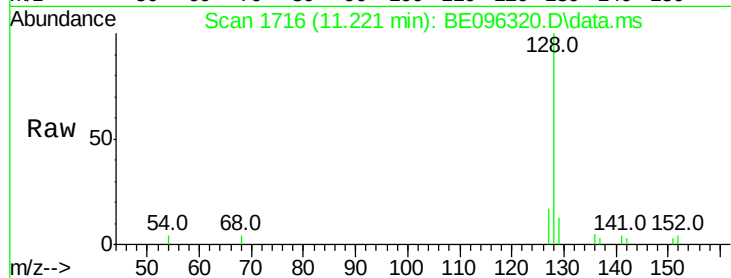
Tgt Ion:128 Resp: 2327

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

127 17.2 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 12.808 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BE096320.D

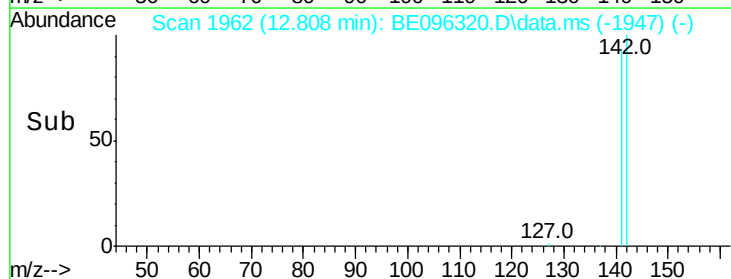
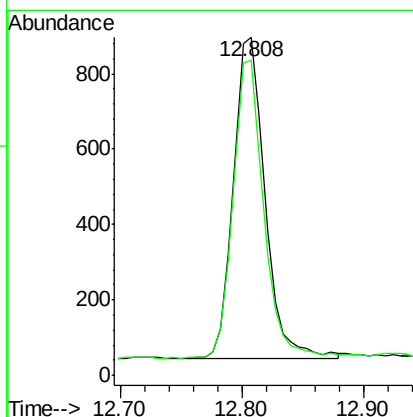
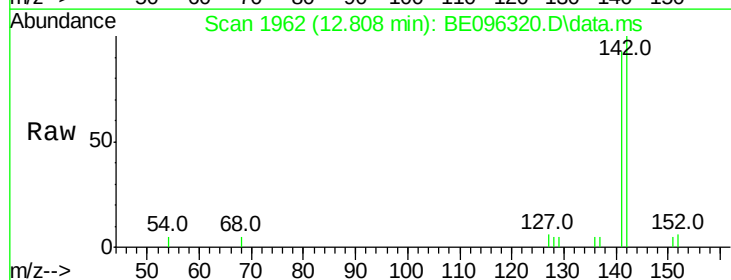
Acq: 3 May 2018 10:45

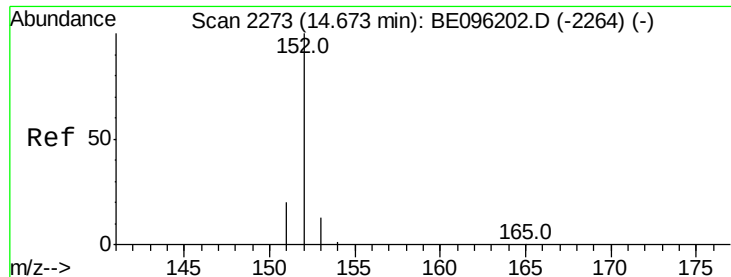
Tgt Ion:142 Resp: 1538

Ion Ratio Lower Upper

142 100

141 91.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.667 min Scan# 22

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

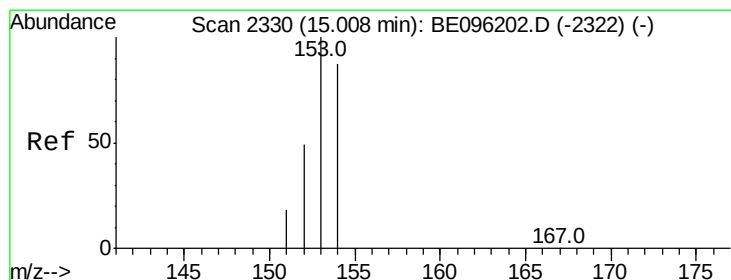
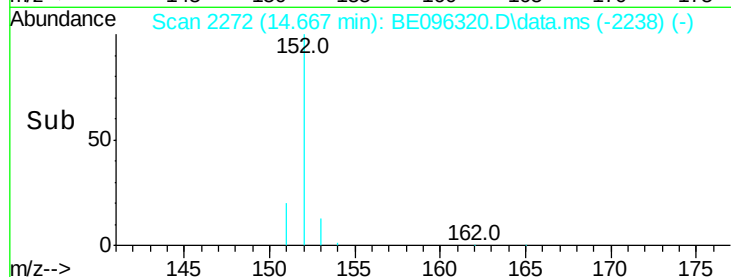
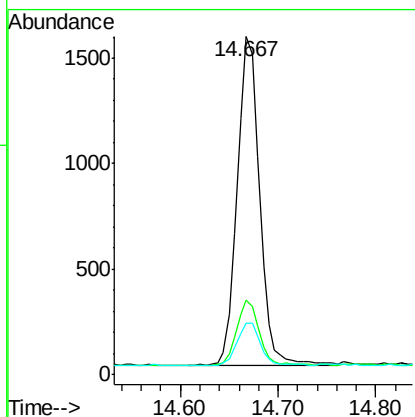
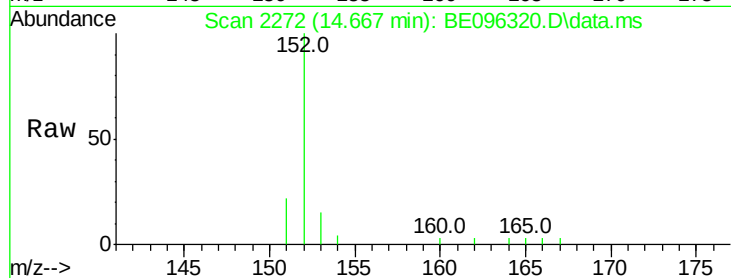
Tgt Ion:152 Resp: 2491

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

153 15.3 12.8 19.2



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.002 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

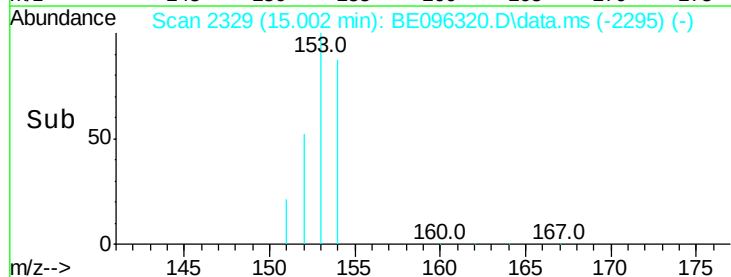
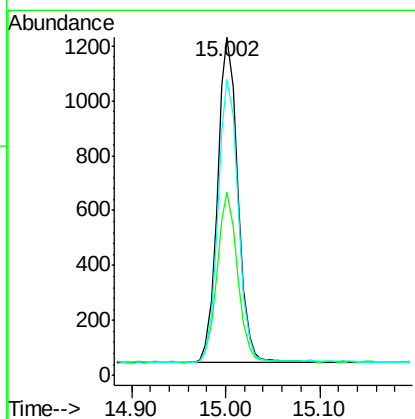
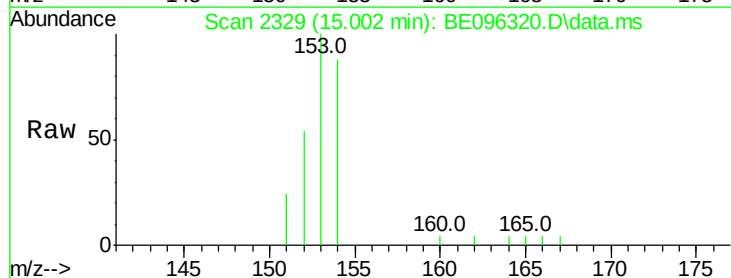
Tgt Ion:153 Resp: 1795

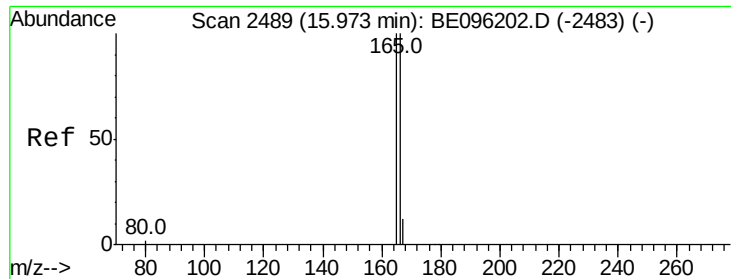
Ion Ratio Lower Upper

153 100

152 54.1 36.0 54.0#

154 87.5 72.0 108.0





#9

Fluorene

Concen: 0.39 ng/ul

RT: 15.967 min Scan# 24

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

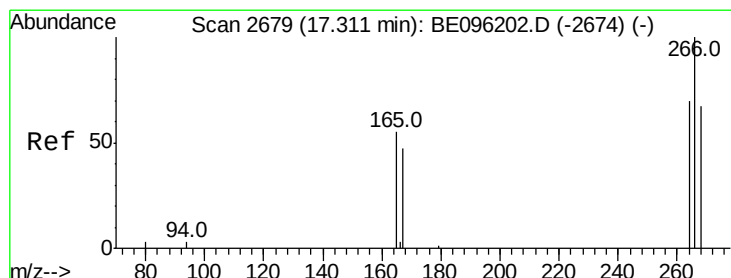
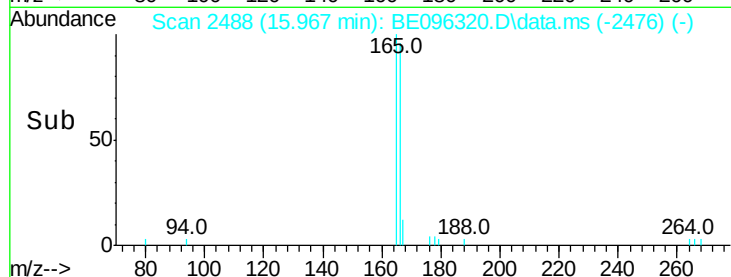
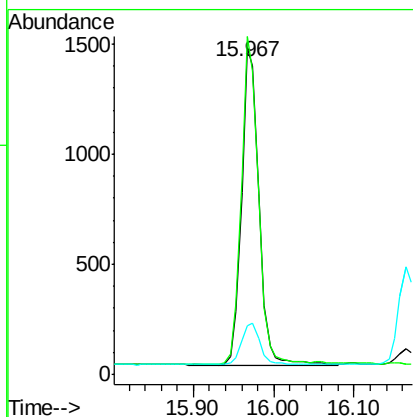
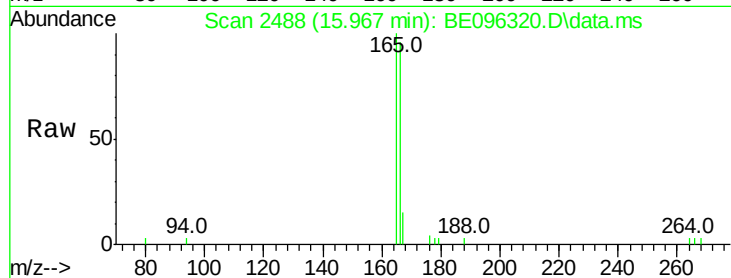
Tgt Ion:166 Resp: 2492

Ion Ratio Lower Upper

166 100

165 103.7 73.4 110.2

167 15.1 14.6 22.0



#11

Pentachlorophenol

Concen: 0.18 ng/ul

RT: 17.311 min Scan# 2679

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

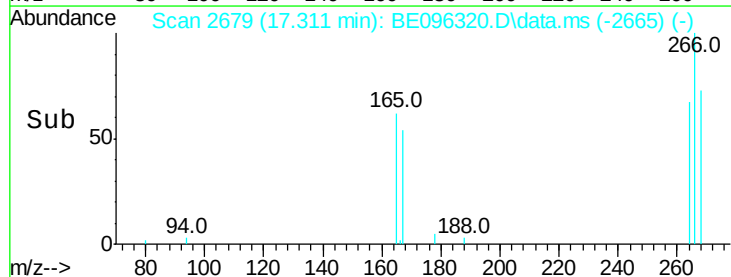
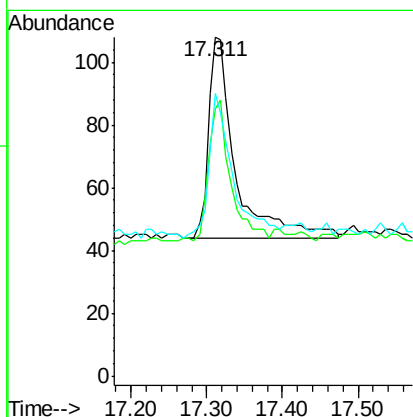
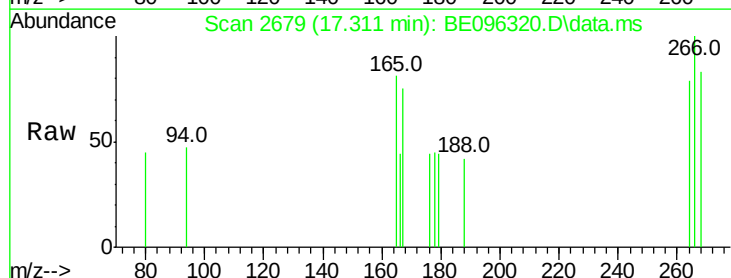
Tgt Ion:266 Resp: 159

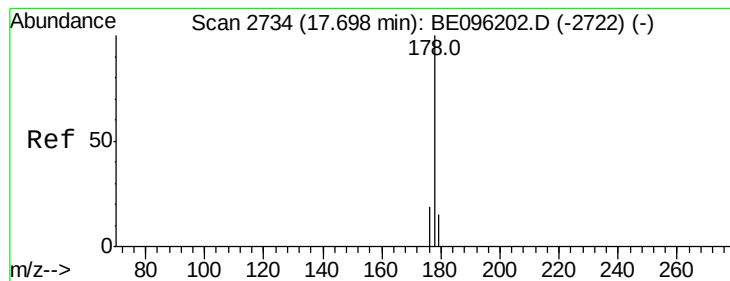
Ion Ratio Lower Upper

266 100

264 57.9 47.9 71.9

268 64.2 49.8 74.8





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.691 min Scan# 27

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

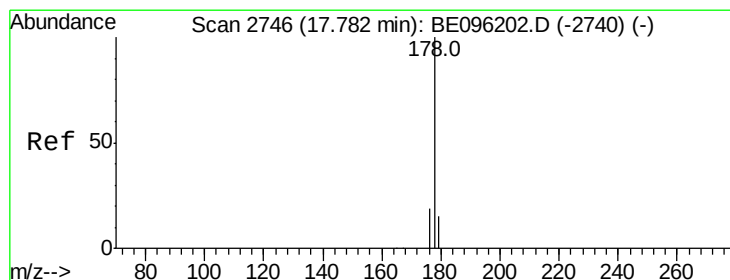
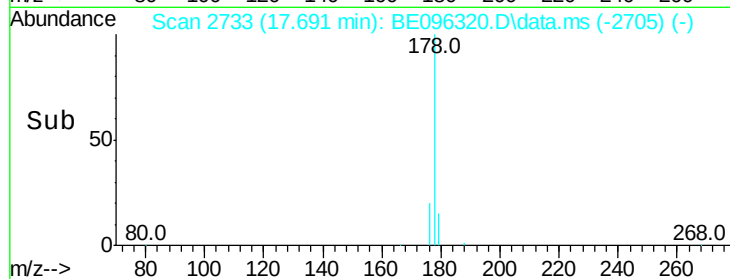
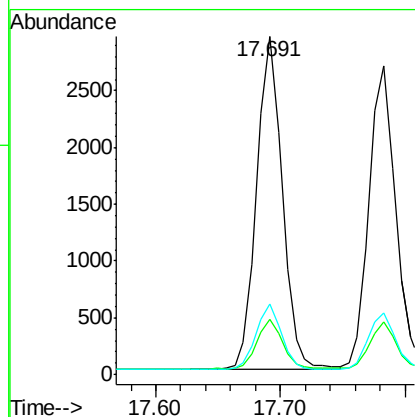
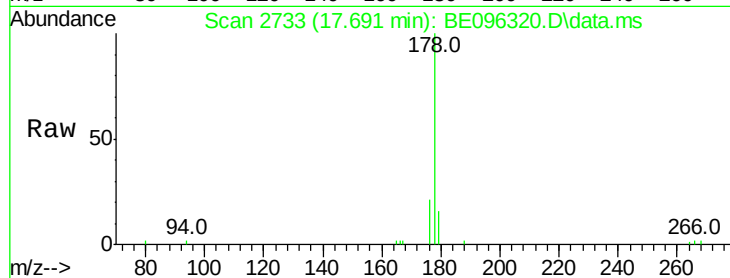
Tgt Ion:178 Resp: 4149

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

176 20.9 13.6 20.4#



#13

Anthracene

Concen: 0.36 ng/ul

RT: 17.783 min Scan# 2746

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

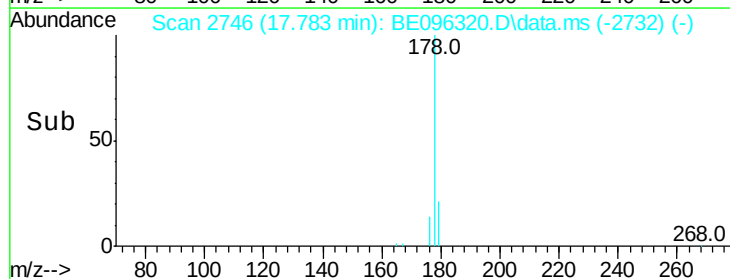
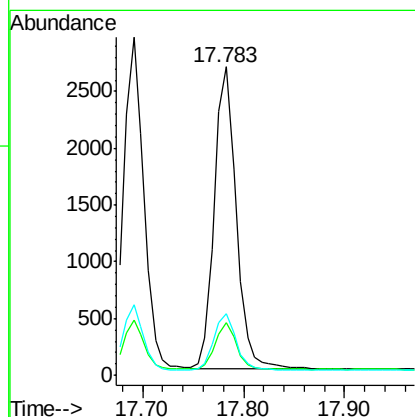
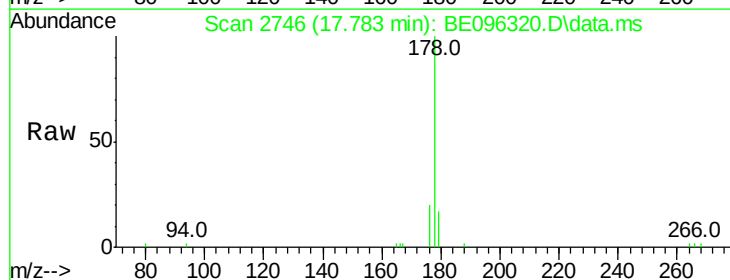
Tgt Ion:178 Resp: 3958

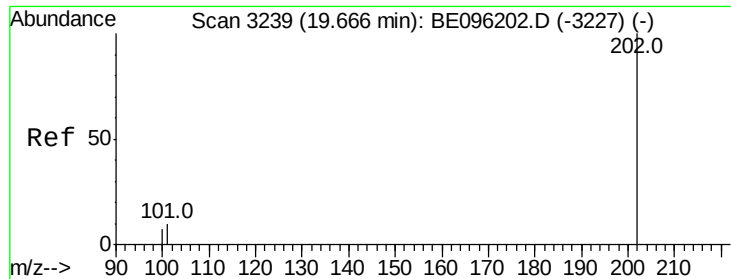
Ion Ratio Lower Upper

178 100

179 17.0 18.1 27.1#

176 20.2 14.7 22.1





#15

Fluoranthene

Concen: 0.36 ng/ul

RT: 19.662 min Scan# 32

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

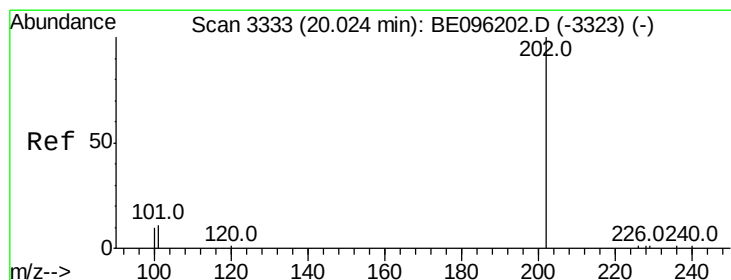
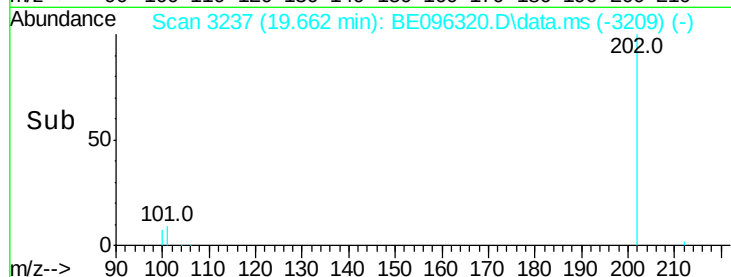
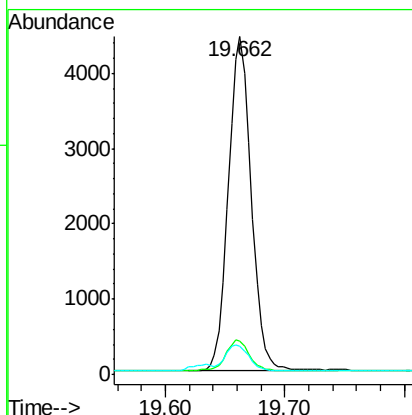
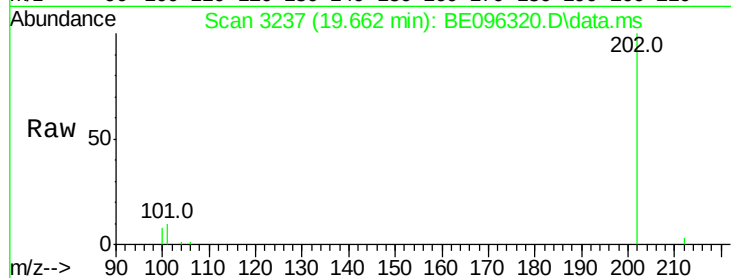
Tgt Ion:202 Resp: 5907

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

100 8.4 0.0 39.5



#17

Pyrene

Concen: 0.22 ng/ul

RT: 20.024 min Scan# 3333

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

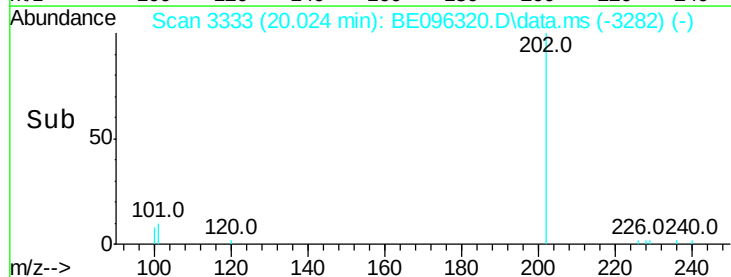
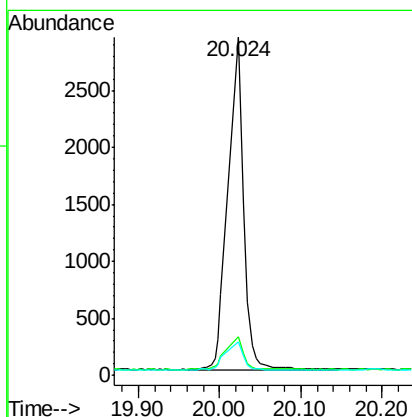
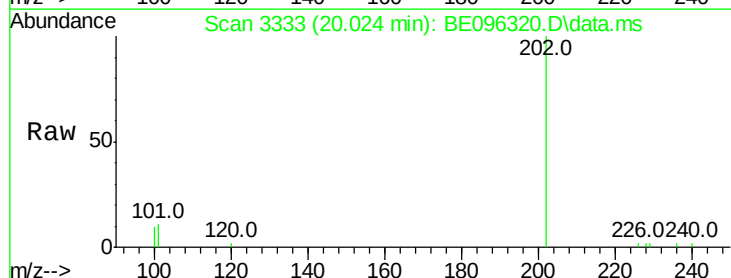
Tgt Ion:202 Resp: 2104

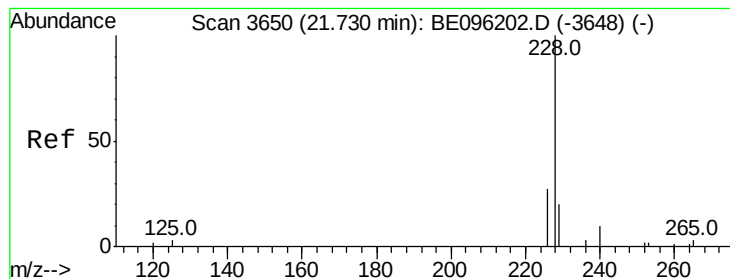
Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

100 9.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.20 ng/ul

RT: 21.731 min Scan# 36

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

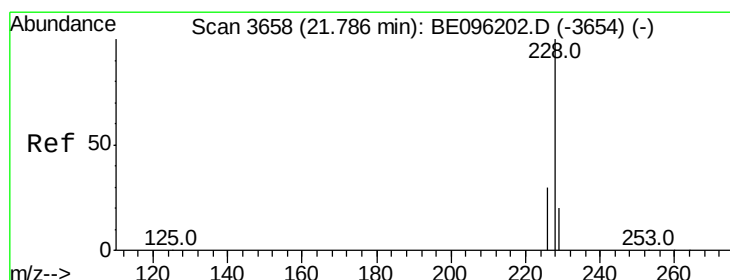
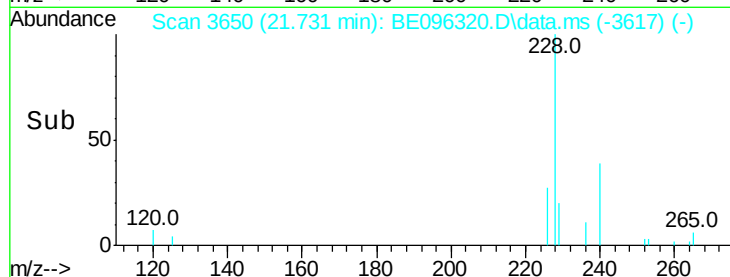
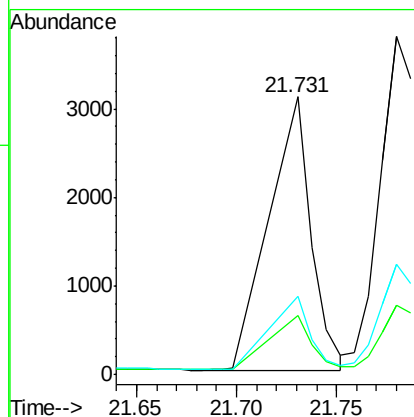
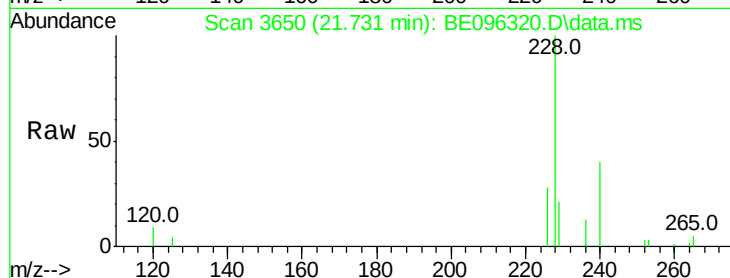
Tgt Ion:228 Resp: 2876

Ion Ratio Lower Upper

228 100

229 21.4 22.8 34.2#

226 28.1 17.0 25.6#



#19

Chrysene

Concen: 0.40 ng/ul

RT: 21.780 min Scan# 3657

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

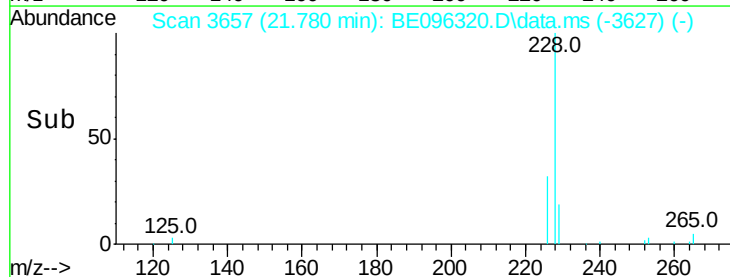
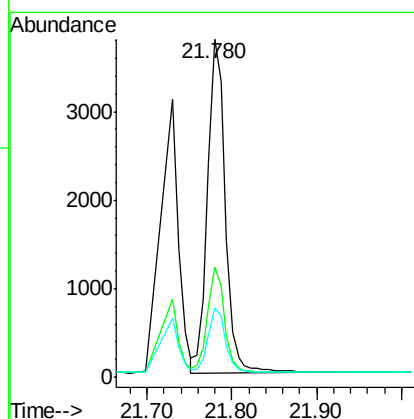
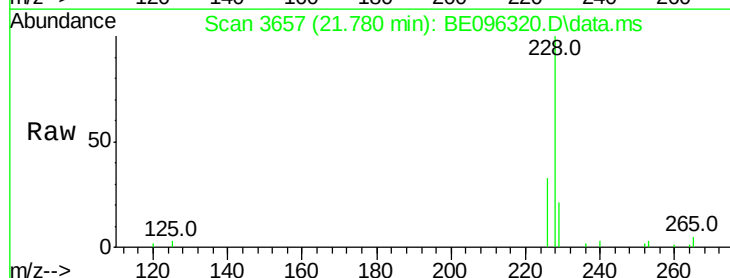
Tgt Ion:228 Resp: 5462

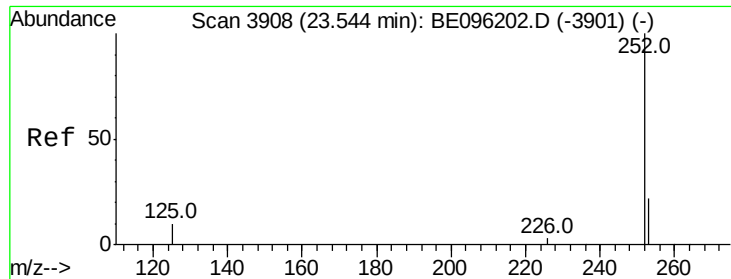
Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

229 20.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.34 ng/ul

RT: 23.538 min Scan# 3908

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

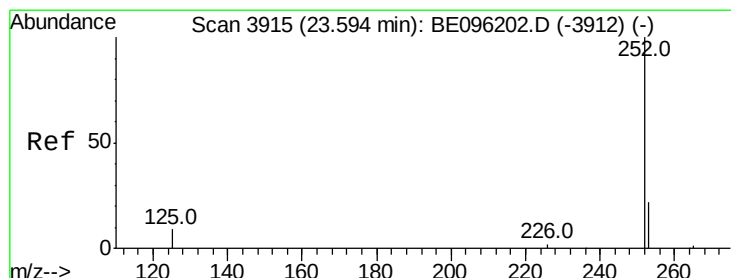
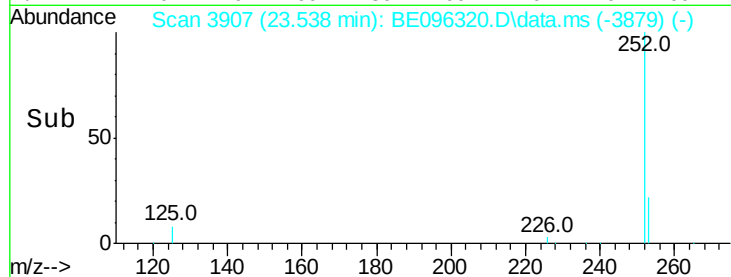
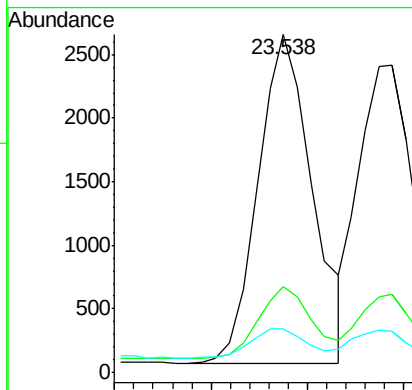
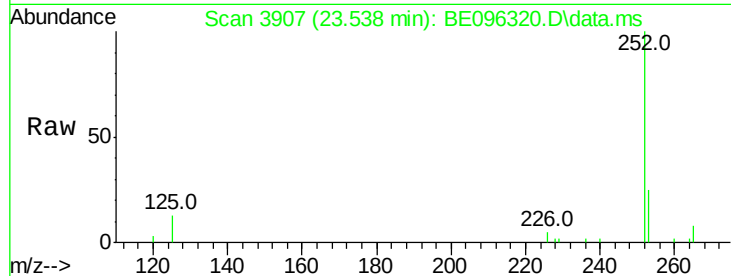
Tgt Ion:252 Resp: 5042

Ion Ratio Lower Upper

252 100

253 25.3 0.0 64.2

125 12.9 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.34 ng/ul

RT: 23.594 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

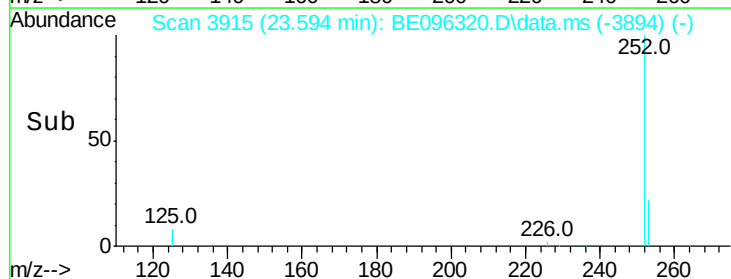
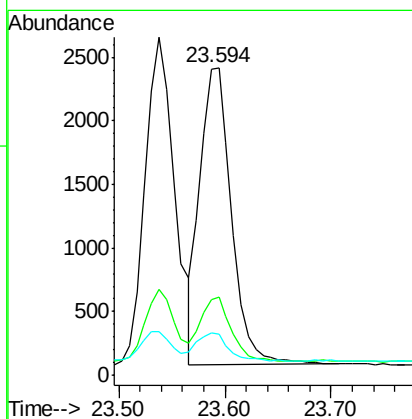
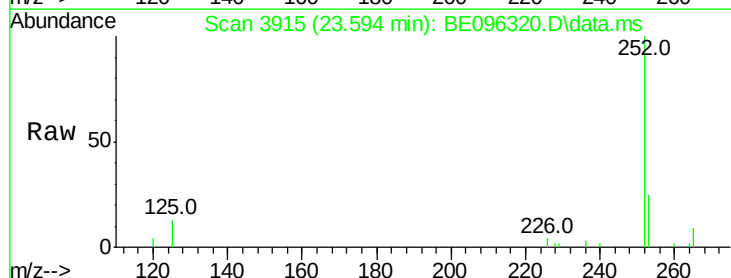
Tgt Ion:252 Resp: 4852

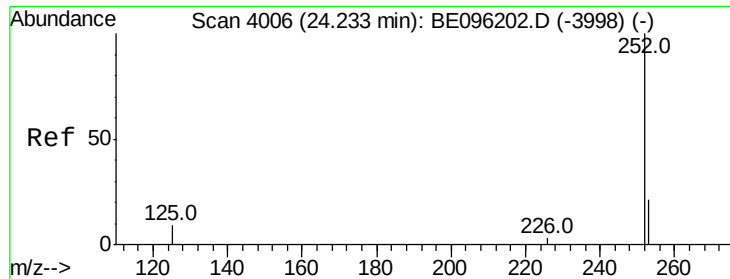
Ion Ratio Lower Upper

252 100

253 25.4 24.5 36.7

125 13.3 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 24.227 min Scan# 40

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

Instrument :

BNA_E

ClientSampleId :

SSTD0.472

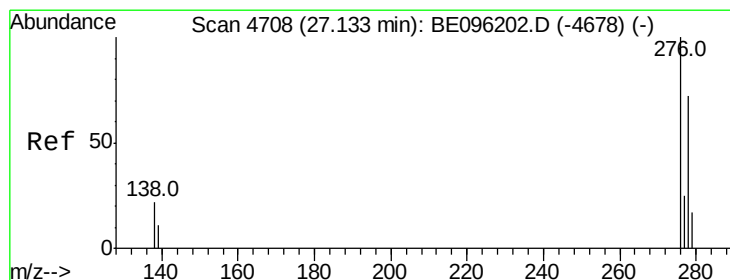
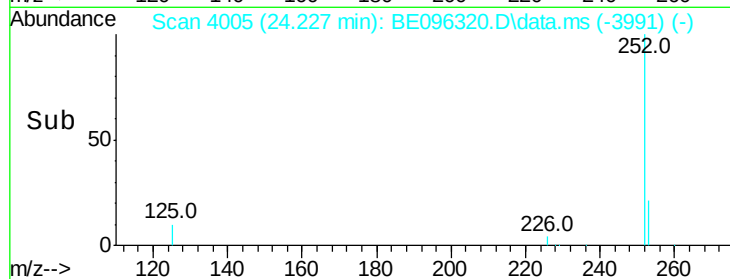
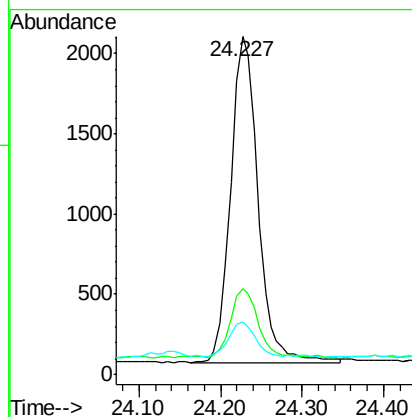
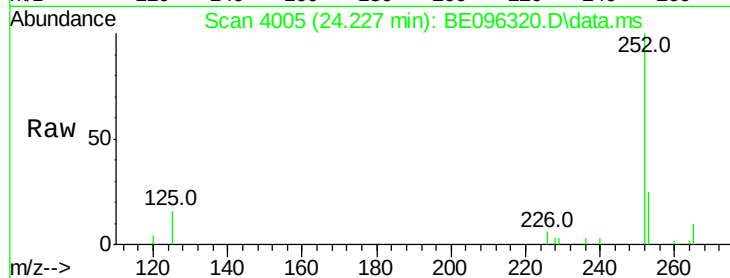
Tgt Ion:252 Resp: 4750

Ion Ratio Lower Upper

252 100

253 25.5 28.5 42.7#

125 15.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.30 ng/ul

RT: 27.126 min Scan# 4706

Delta R.T. 0.000 min

Lab File: BE096320.D

Acq: 3 May 2018 10:45

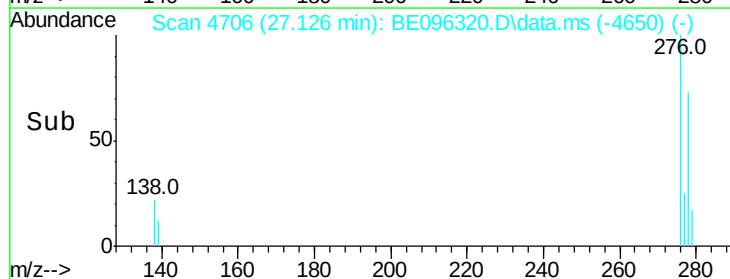
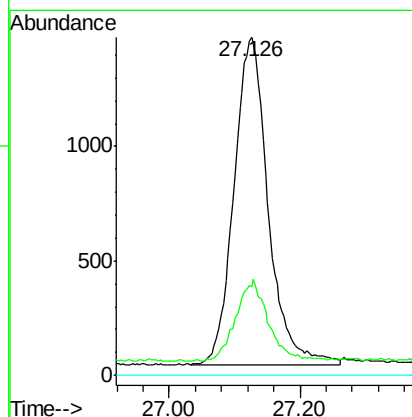
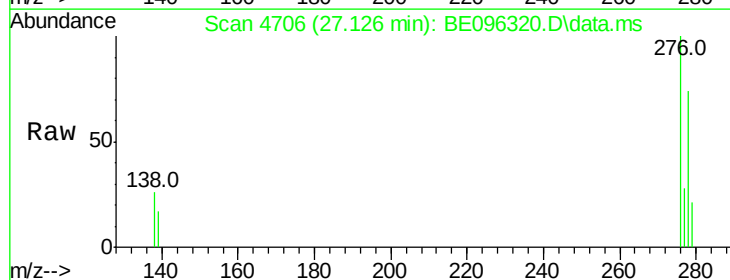
Tgt Ion:276 Resp: 5197

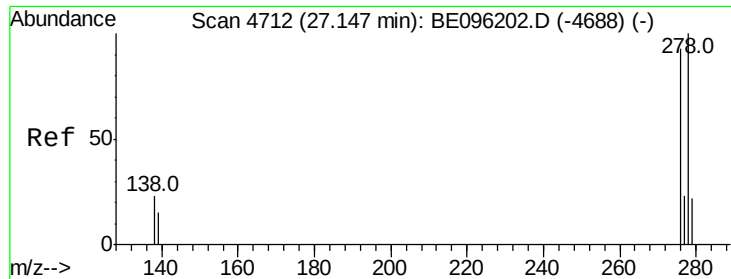
Ion Ratio Lower Upper

276 100

138 23.4 28.0 42.0#

227 0.0 8.0 12.0#

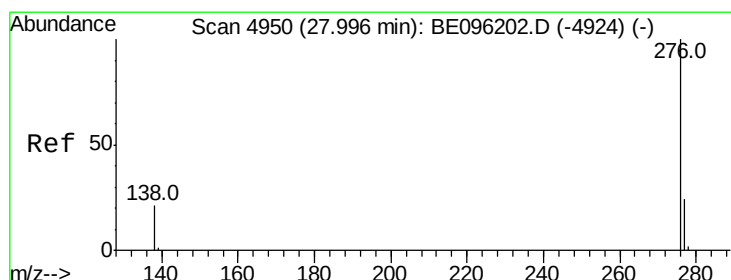
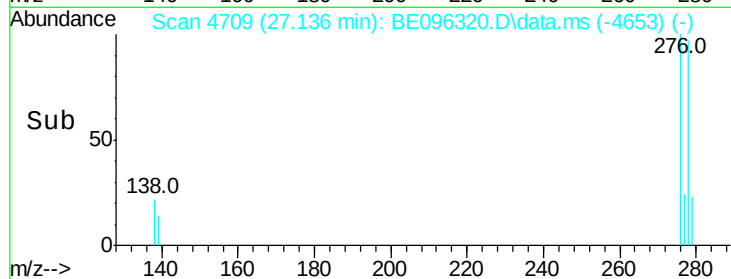
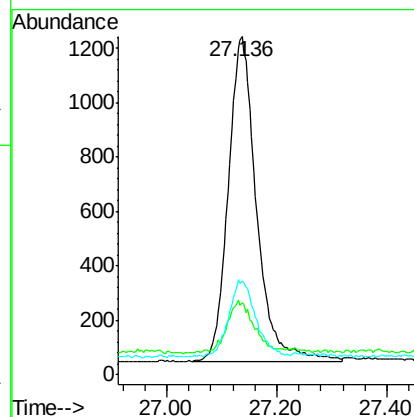
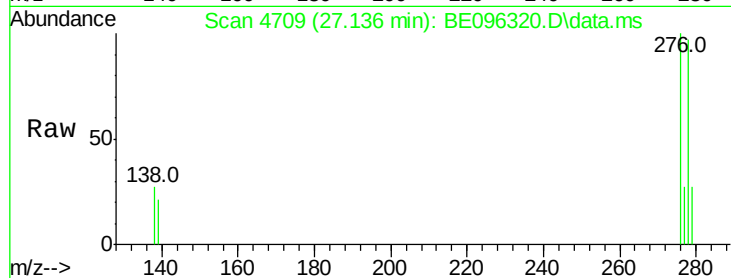




#25
 Dibenzo(a,h)anthracene
 Concen: 0.29 ng/ul
 RT: 27.136 min Scan# 4712
 Delta R.T. 0.000 min
 Lab File: BE096320.D
 Acq: 3 May 2018 10:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.472

Tgt Ion:278 Resp: 4237
 Ion Ratio Lower Upper
 278 100
 139 21.1 17.4 26.0
 279 27.7 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.29 ng/ul
 RT: 27.989 min Scan# 4948
 Delta R.T. 0.000 min
 Lab File: BE096320.D
 Acq: 3 May 2018 10:45

Tgt Ion:276 Resp: 4446
 Ion Ratio Lower Upper
 276 100
 138 24.6 21.8 32.8
 277 25.8 20.5 30.7

