

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
 Data File : BE096202.D
 Acq On : 27 Apr 2018 11:02
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 23:51:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

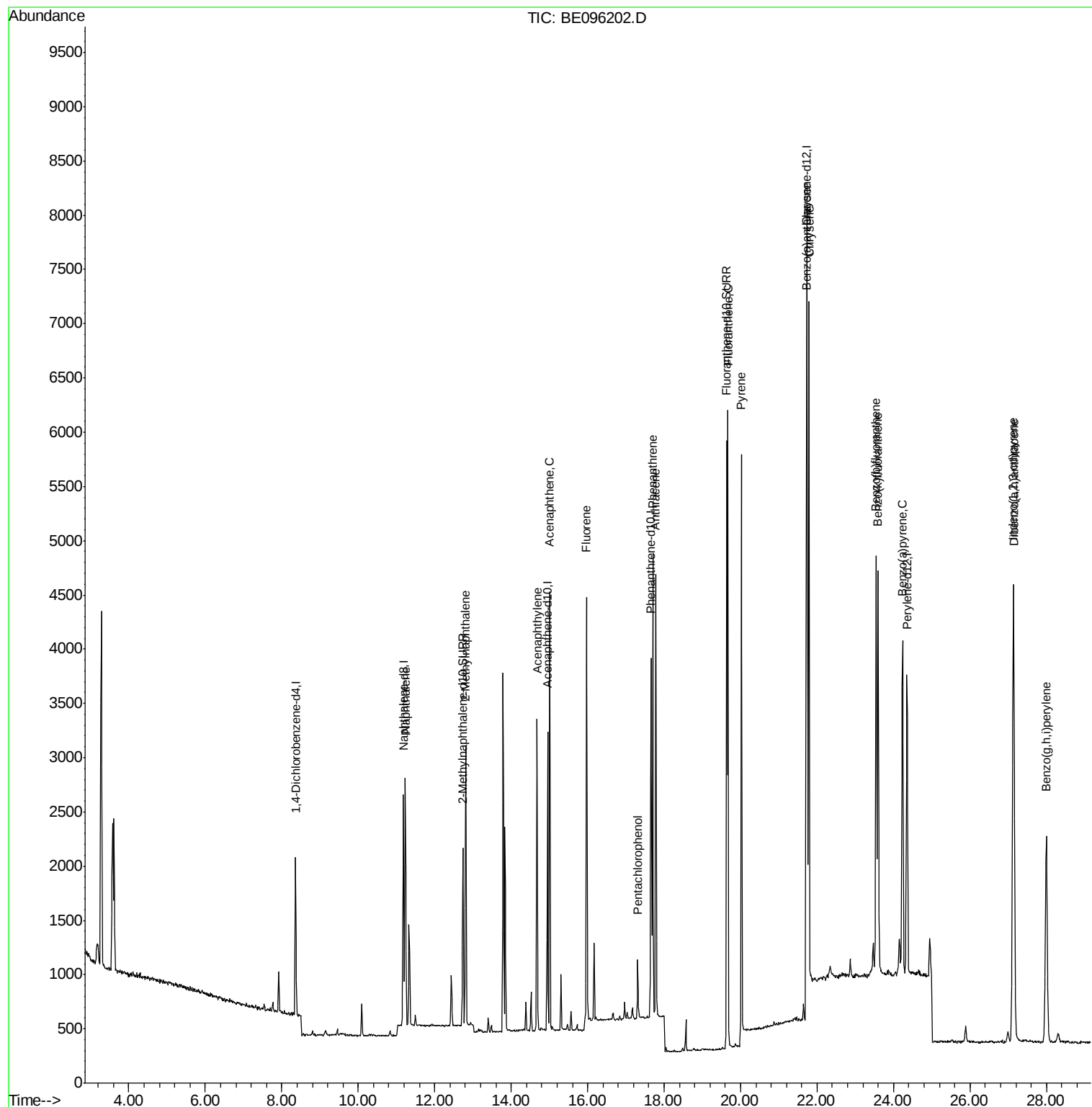
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	773	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1533	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3752	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5062	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3980	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2045	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	6067	0.35	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	3140	0.401	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	2111	0.402	ng/ul	99
7) Acenaphthylene	14.67	152	3256	0.412	ng/ul	98
8) Acenaphthene	15.01	153	2337	0.410	ng/ul	95
9) Fluorene	15.97	166	2612	0.346	ng/ul	91
11) Pentachlorophenol	17.31	266	283	0.313	ng/ul	92
12) Phenanthrene	17.70	178	4787	0.433	ng/ul#	89
13) Anthracene	17.78	178	4479	0.404	ng/ul#	91
15) Fluoranthene	19.67	202	6480	0.384	ng/ul	84
17) Pyrene	20.02	202	3291	0.324	ng/ul#	80
18) Benzo(a)anthracene	21.73	228	5723	0.373	ng/ul#	85
19) Chrysene	21.79	228	5731	0.407	ng/ul	97
21) Benzo(b)fluoranthene	23.54	252	5603	0.372	ng/ul	89
22) Benzo(k)fluoranthene	23.59	252	5189	0.360	ng/ul	91
23) Benzo(a)pyrene	24.23	252	5078	0.388	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.13	276	5603	0.318	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.15	278	4571	0.309	ng/ul	92
26) Benzo(g,h,i)perylene	28.00	276	4644	0.302	ng/ul	97

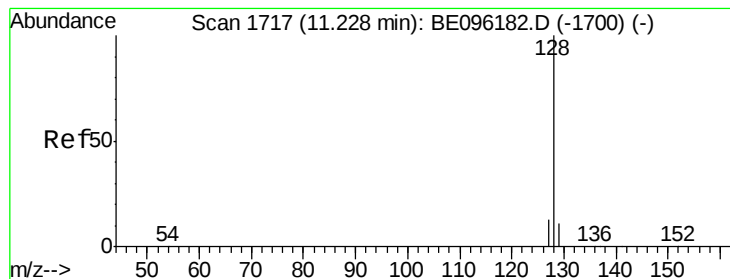
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

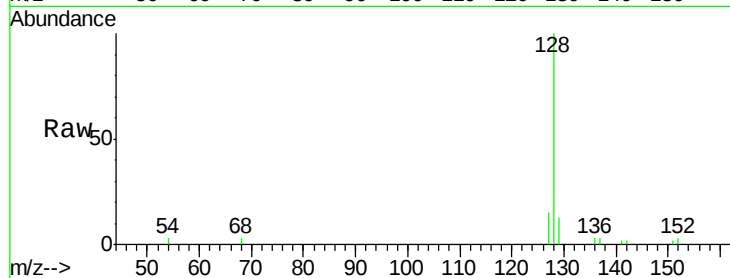
Tot Ion:128 Resp: 3140

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

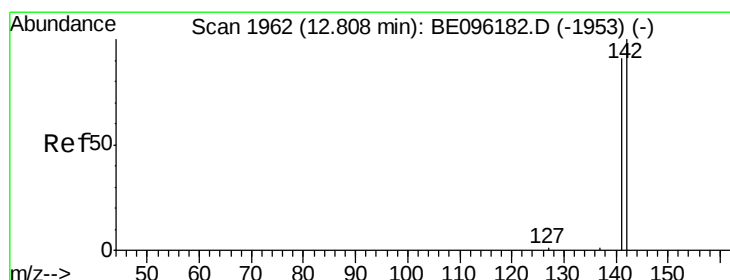
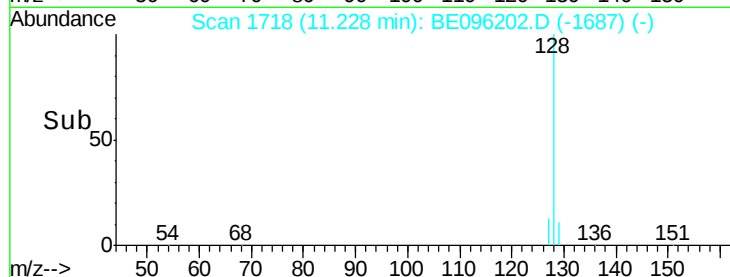
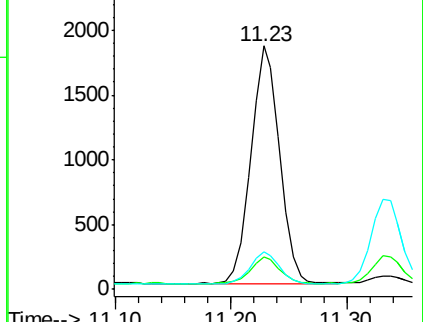
127 15.4 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.402 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE096202.D

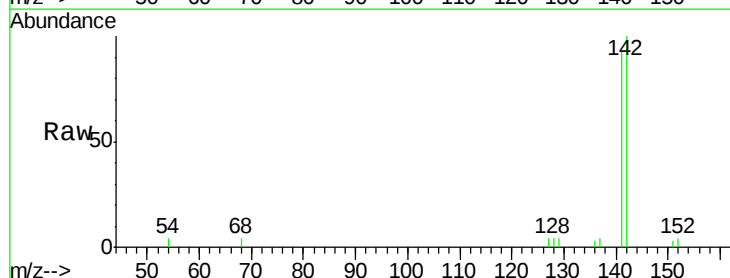
Acq: 27 Apr 2018 11:02

Tgt Ion:142 Resp: 2111

Ion Ratio Lower Upper

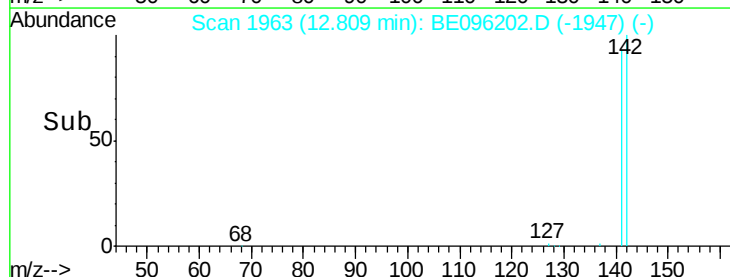
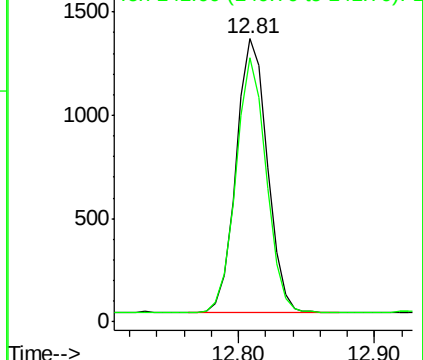
142 100

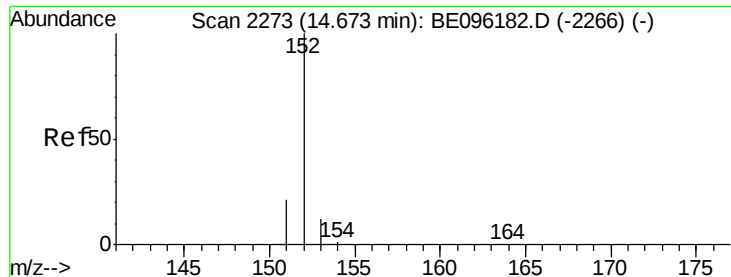
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.412 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

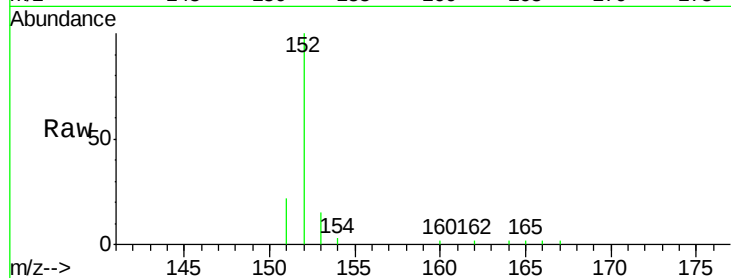
Tot Ion:152 Resp: 3256

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

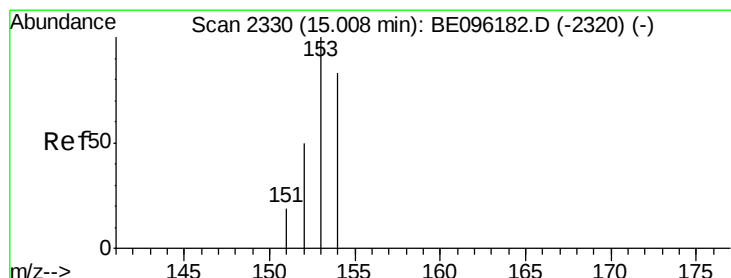
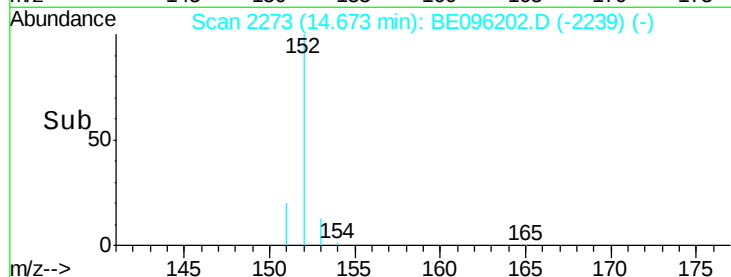
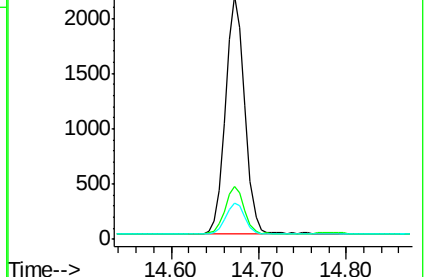
153 14.7 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.410 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

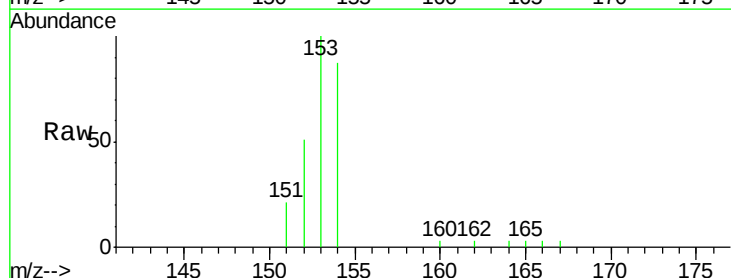
Tgt Ion:153 Resp: 2337

Ion Ratio Lower Upper

153 100

152 51.0 36.0 54.0

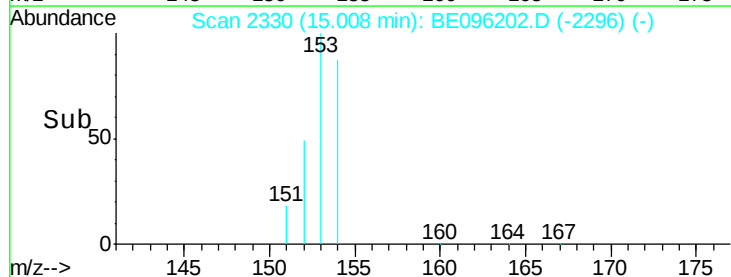
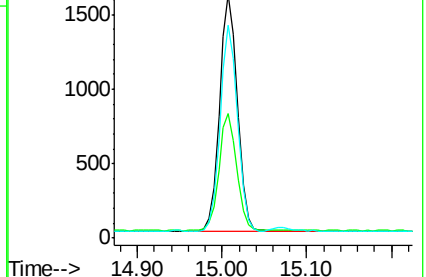
154 87.3 72.0 108.0

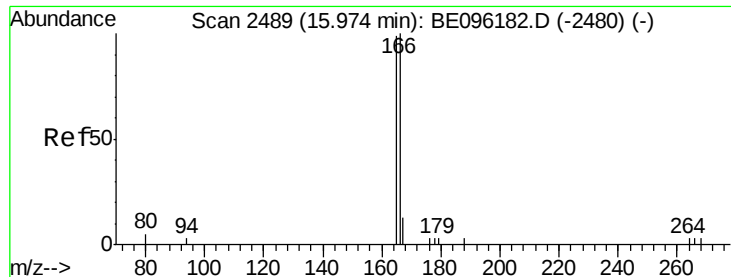


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

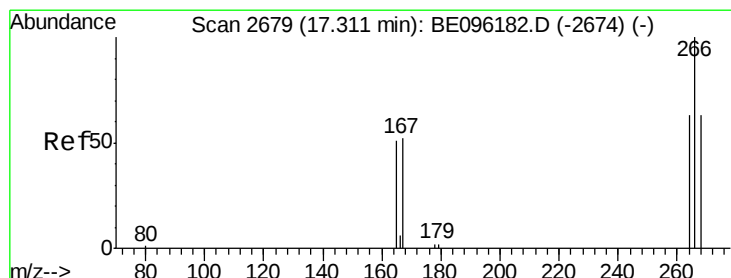
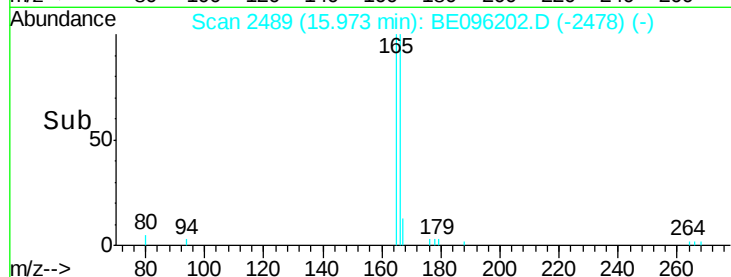
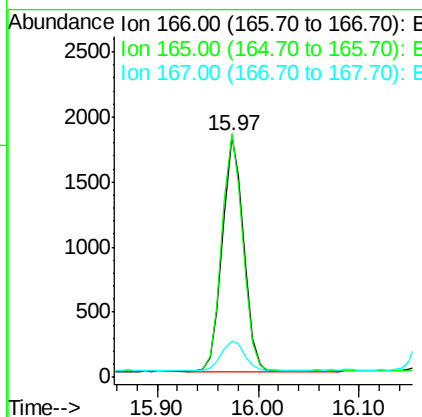
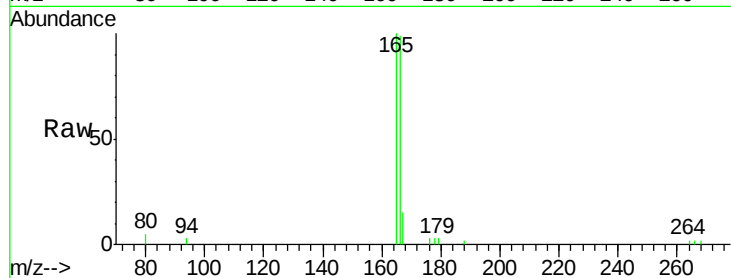




#9
Fluorene
 Concen: 0.346 ng/ul
 RT: 15.97 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BE096202.D
 Acq: 27 Apr 2018 11:02

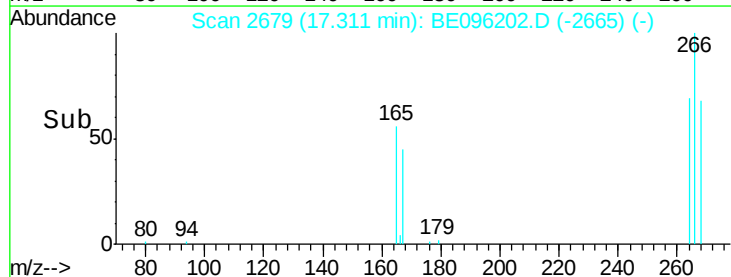
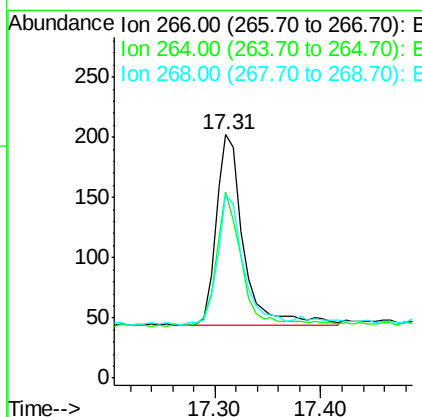
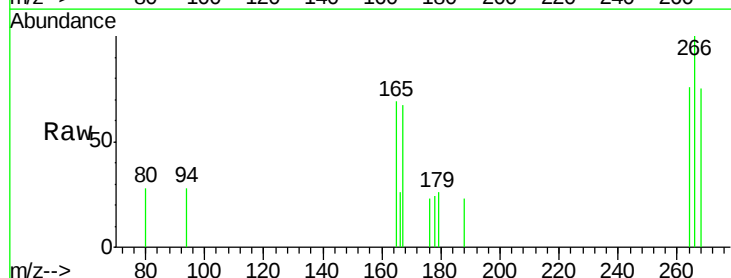
Instrument :
 BNA_E
 ClientSampleId :

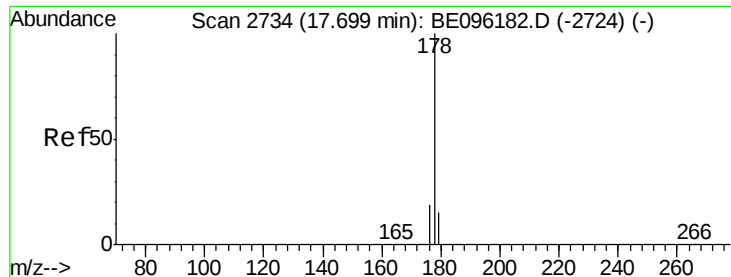
Tot Ion:166 Resp: 2612
 Ion Ratio Lower Upper
 166 100
 165 100.8 73.4 110.2
 167 15.3 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.313 ng/ul
 RT: 17.31 min Scan# 2679
 Delta R.T. -0.00 min
 Lab File: BE096202.D
 Acq: 27 Apr 2018 11:02

Tgt Ion:266 Resp: 283
 Ion Ratio Lower Upper
 266 100
 264 68.9 47.9 71.9
 268 65.7 49.8 74.8





#12

Phenanthrene

Concen: 0.433 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

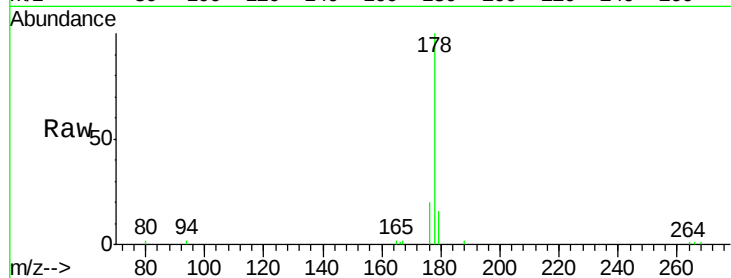
Tot Ion:178 Resp: 4787

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

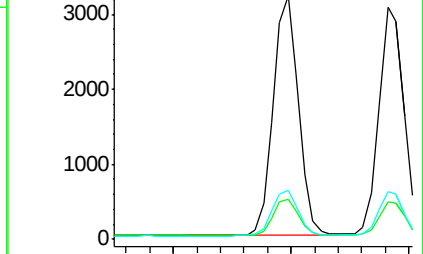
176 20.2 13.6 20.4



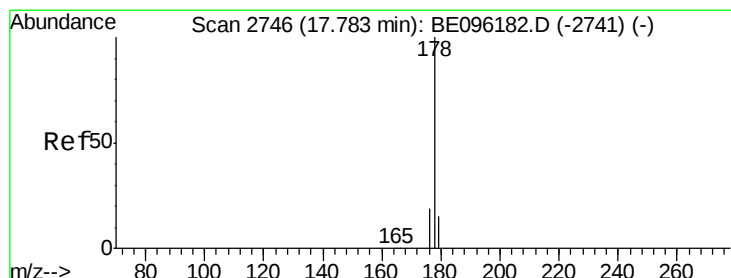
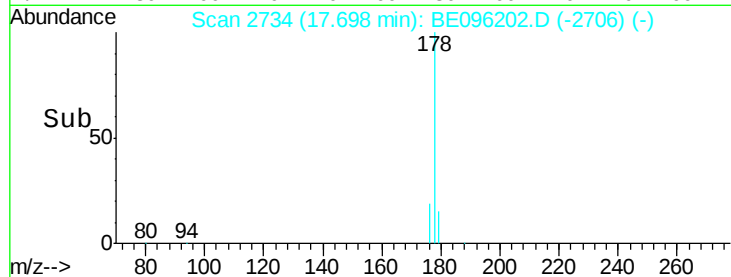
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.404 ng/ul

RT: 17.78 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

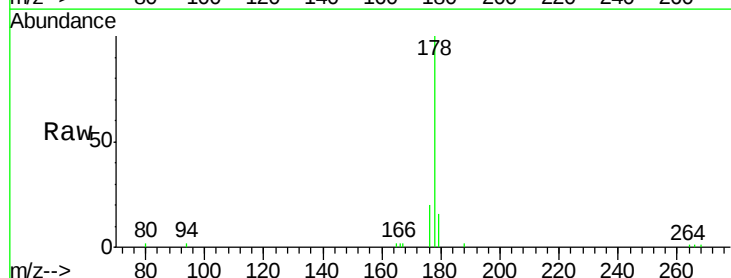
Tgt Ion:178 Resp: 4479

Ion Ratio Lower Upper

178 100

179 16.4 18.1 27.1#

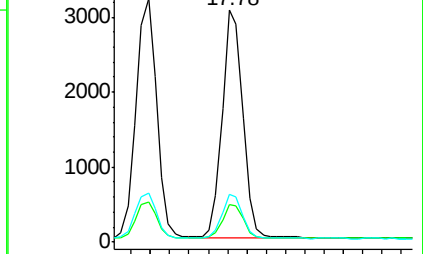
176 20.5 14.7 22.1



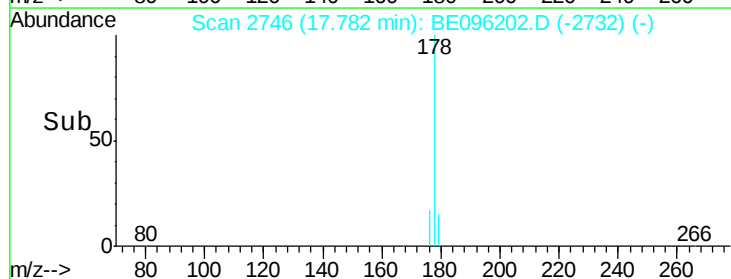
Abundance Ion 178.00 (177.70 to 178.70): E

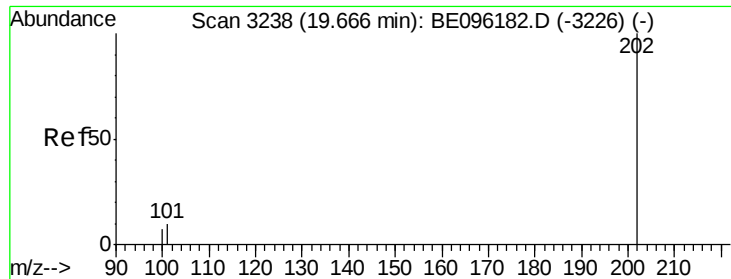
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.384 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

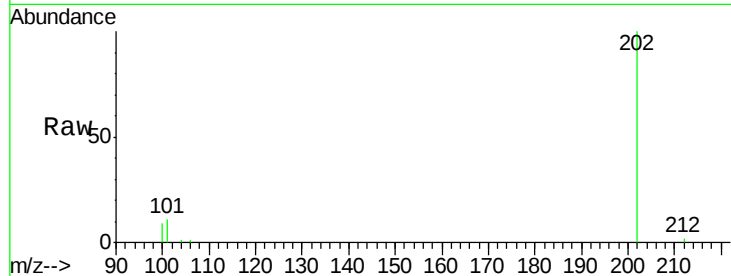
Tot Ion:202 Resp: 6480

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

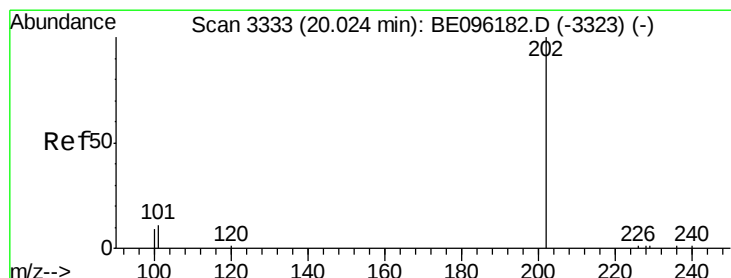
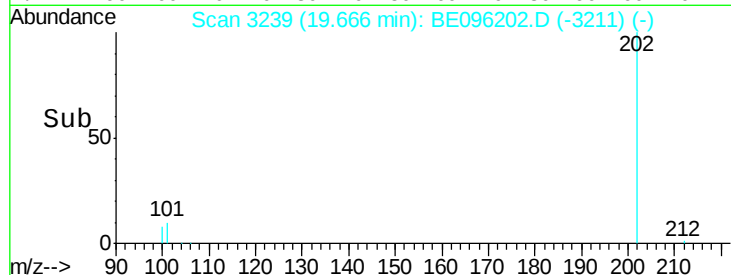
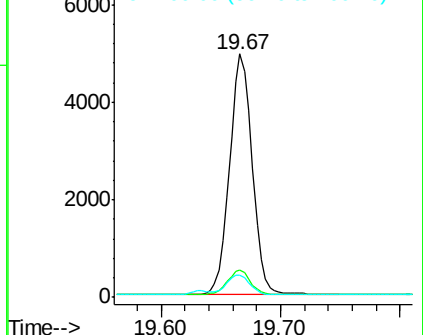
100 9.1 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.324 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

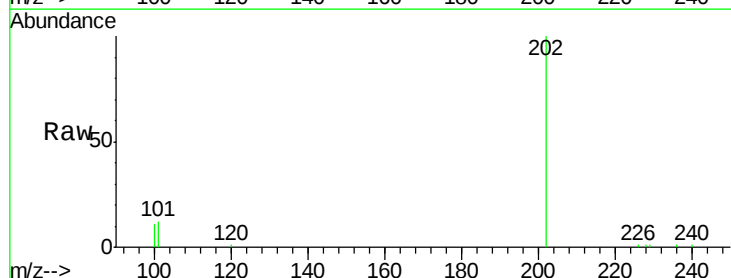
Tgt Ion:202 Resp: 3291

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

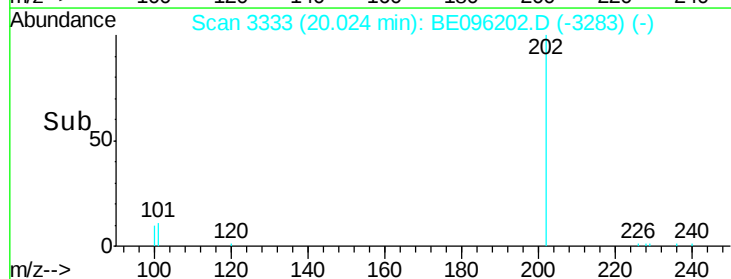
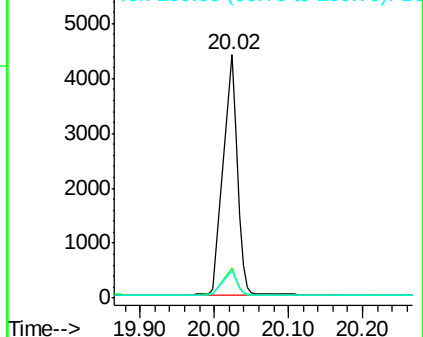
100 11.1 15.6 23.4#

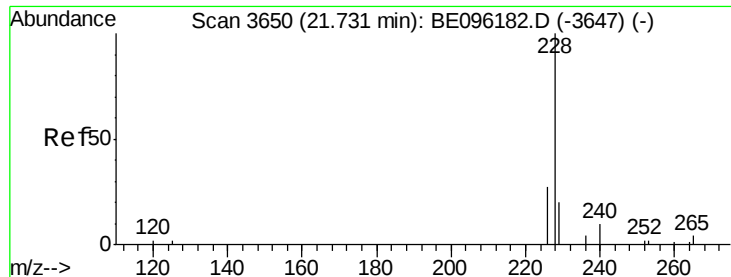


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.373 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

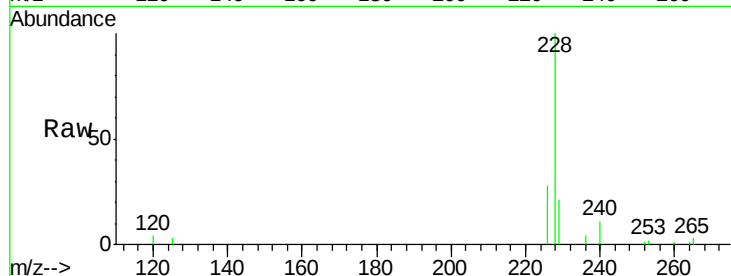
Tot Ion:228 Resp: 5723

Ion Ratio Lower Upper

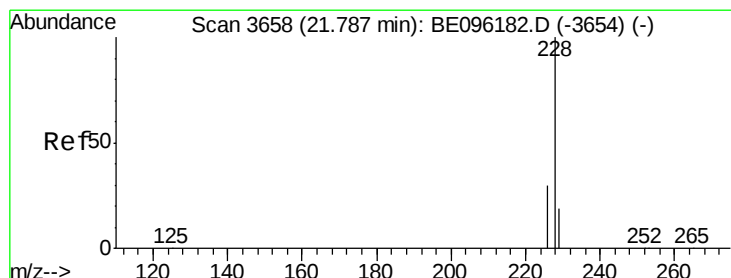
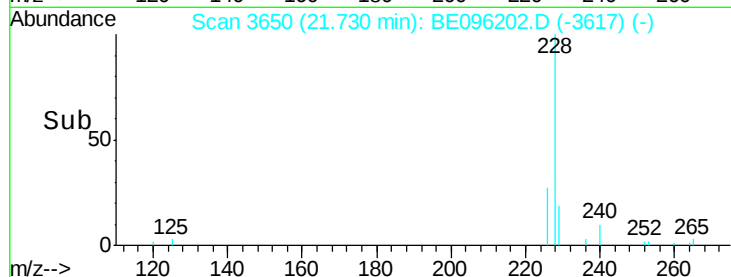
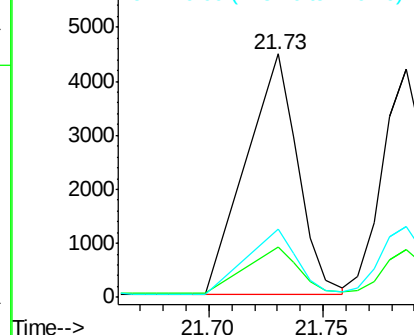
228 100

229 20.8 22.8 34.2#

226 28.1 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.407 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

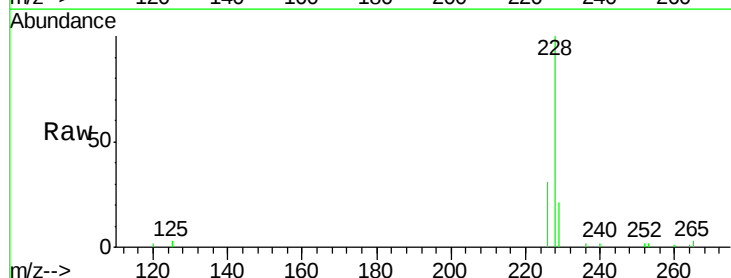
Tgt Ion:228 Resp: 5731

Ion Ratio Lower Upper

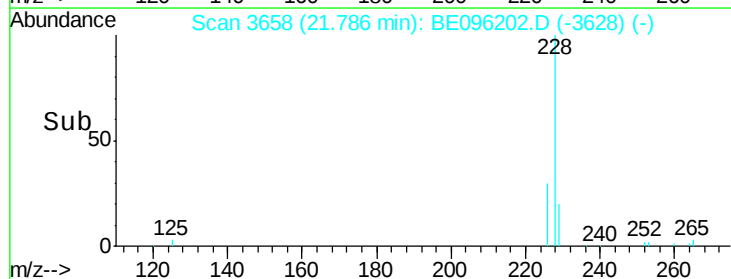
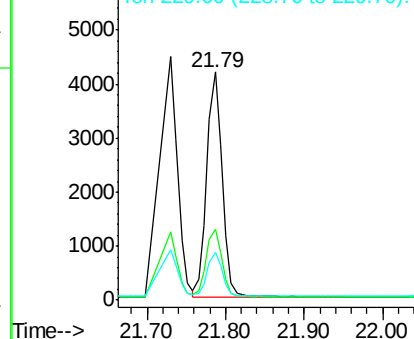
228 100

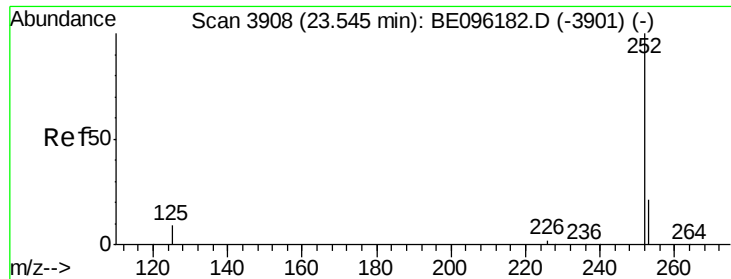
226 31.1 23.4 35.0

229 21.2 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.372 ng/ul

RT: 23.54 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

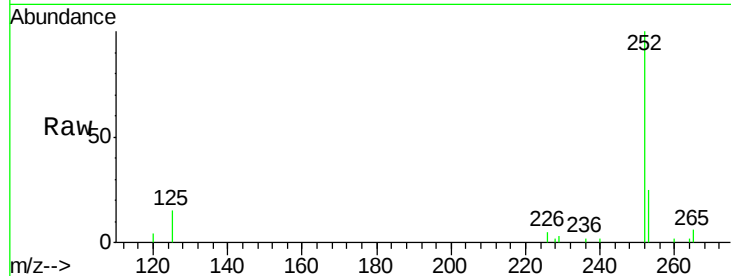
Tot Ion:252 Resp: 5603

Ion Ratio Lower Upper

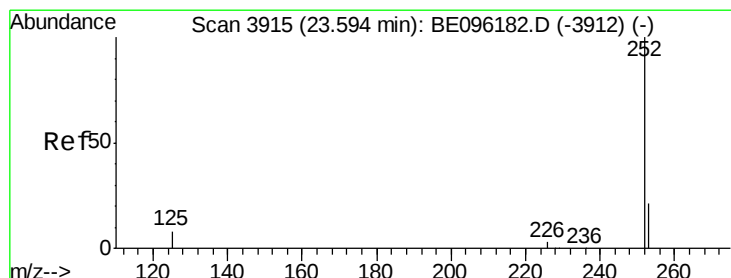
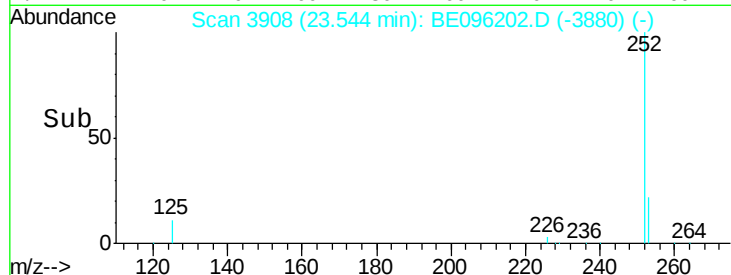
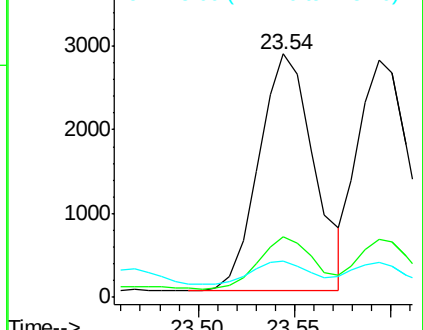
252 100

253 24.7 0.0 64.2

125 15.0 0.0 35.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.360 ng/ul

RT: 23.59 min Scan# 3915

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

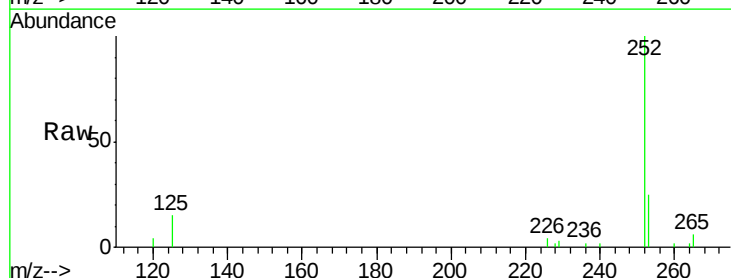
Tgt Ion:252 Resp: 5189

Ion Ratio Lower Upper

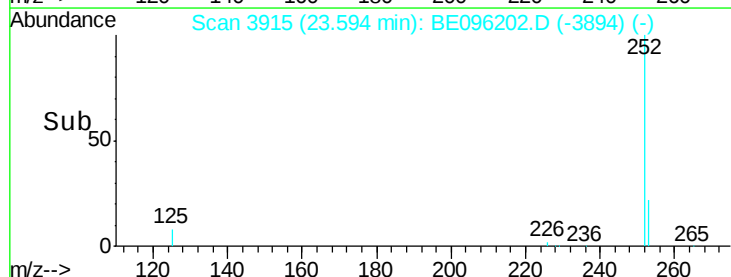
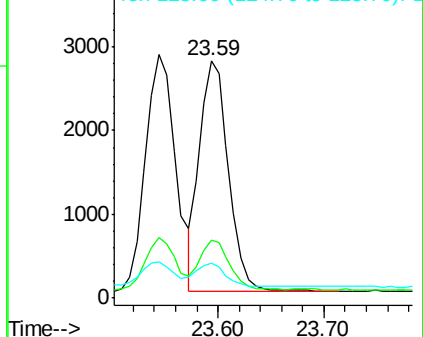
252 100

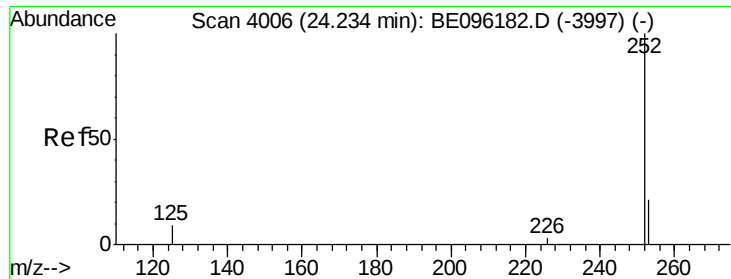
253 24.7 24.5 36.7

125 14.7 13.7 20.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 24.23 min Scan# 4006

Delta R.T. -0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

Instrument :

BNA_E

ClientSampleId :

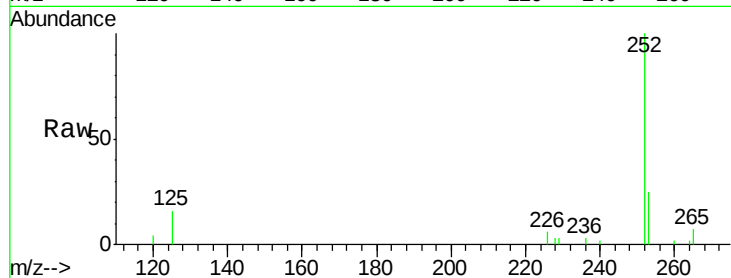
Tot Ion:252 Resp: 5078

Ion Ratio Lower Upper

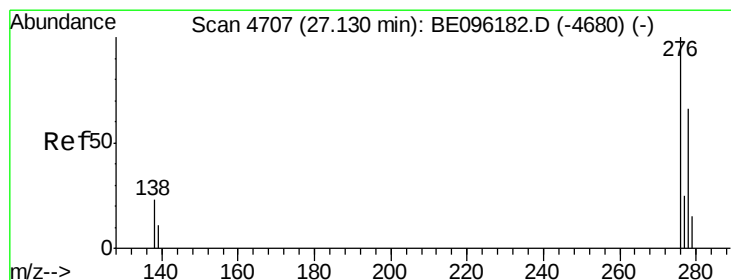
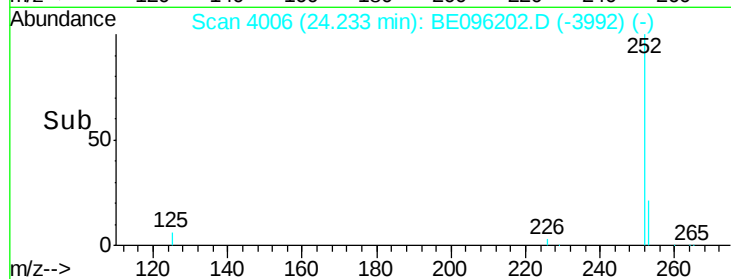
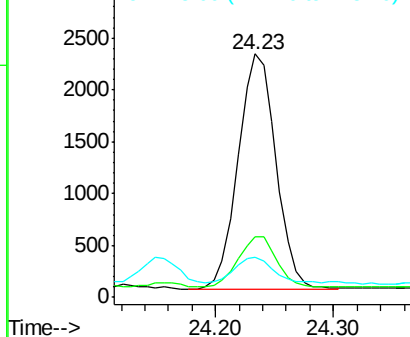
252 100

253 24.9 28.5 42.7#

125 16.4 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.318 ng/ul

RT: 27.13 min Scan# 4708

Delta R.T. 0.00 min

Lab File: BE096202.D

Acq: 27 Apr 2018 11:02

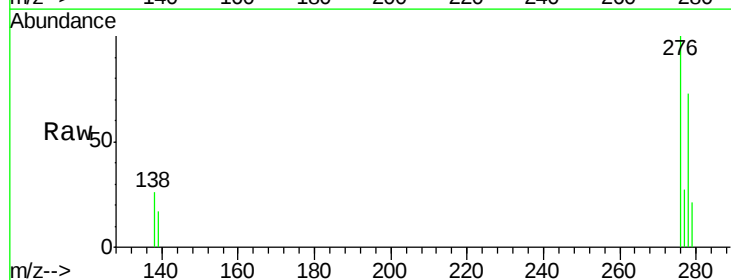
Tgt Ion:276 Resp: 5603

Ion Ratio Lower Upper

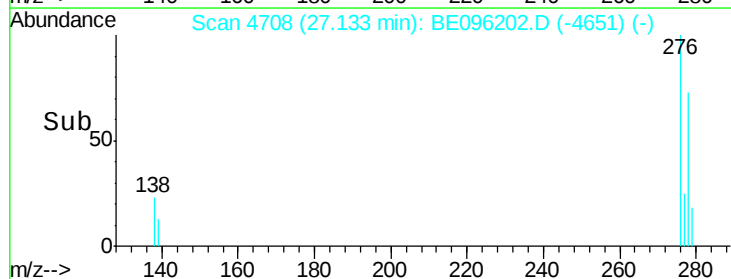
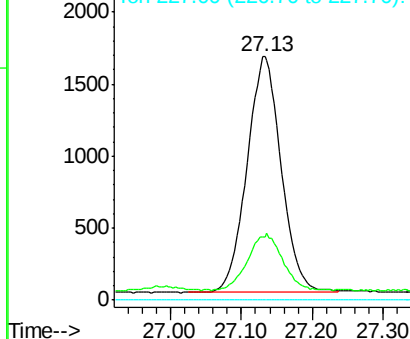
276 100

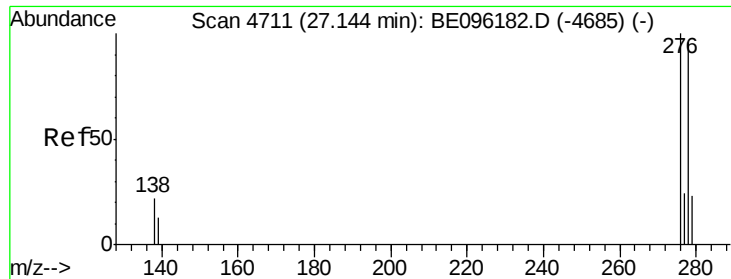
138 24.1 28.0 42.0#

227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

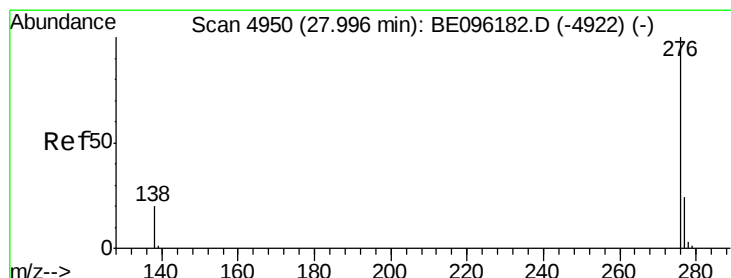
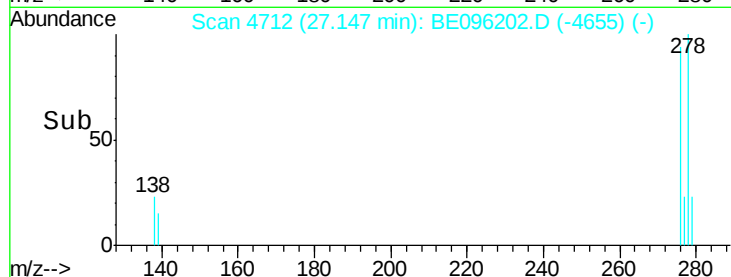
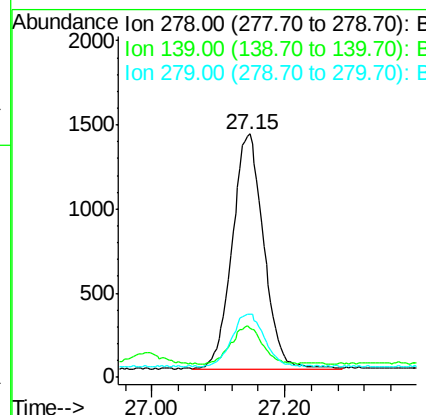
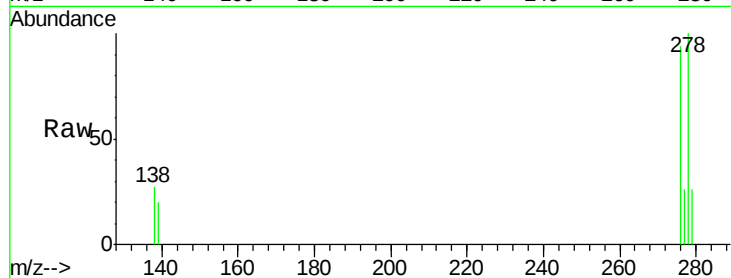




#25
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 27.15 min Scan# 4712
Delta R.T. 0.00 min
Lab File: BE096202.D
Acq: 27 Apr 2018 11:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4571
Ion Ratio Lower Upper
278 100
139 20.4 17.4 26.0
279 26.1 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 28.00 min Scan# 4950
Delta R.T. -0.00 min
Lab File: BE096202.D
Acq: 27 Apr 2018 11:02

Tgt Ion:276 Resp: 4644
Ion Ratio Lower Upper
276 100
138 25.4 21.8 32.8
277 27.1 20.5 30.7

