

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096139.D
 Acq On : 25 Apr 2018 2:55
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

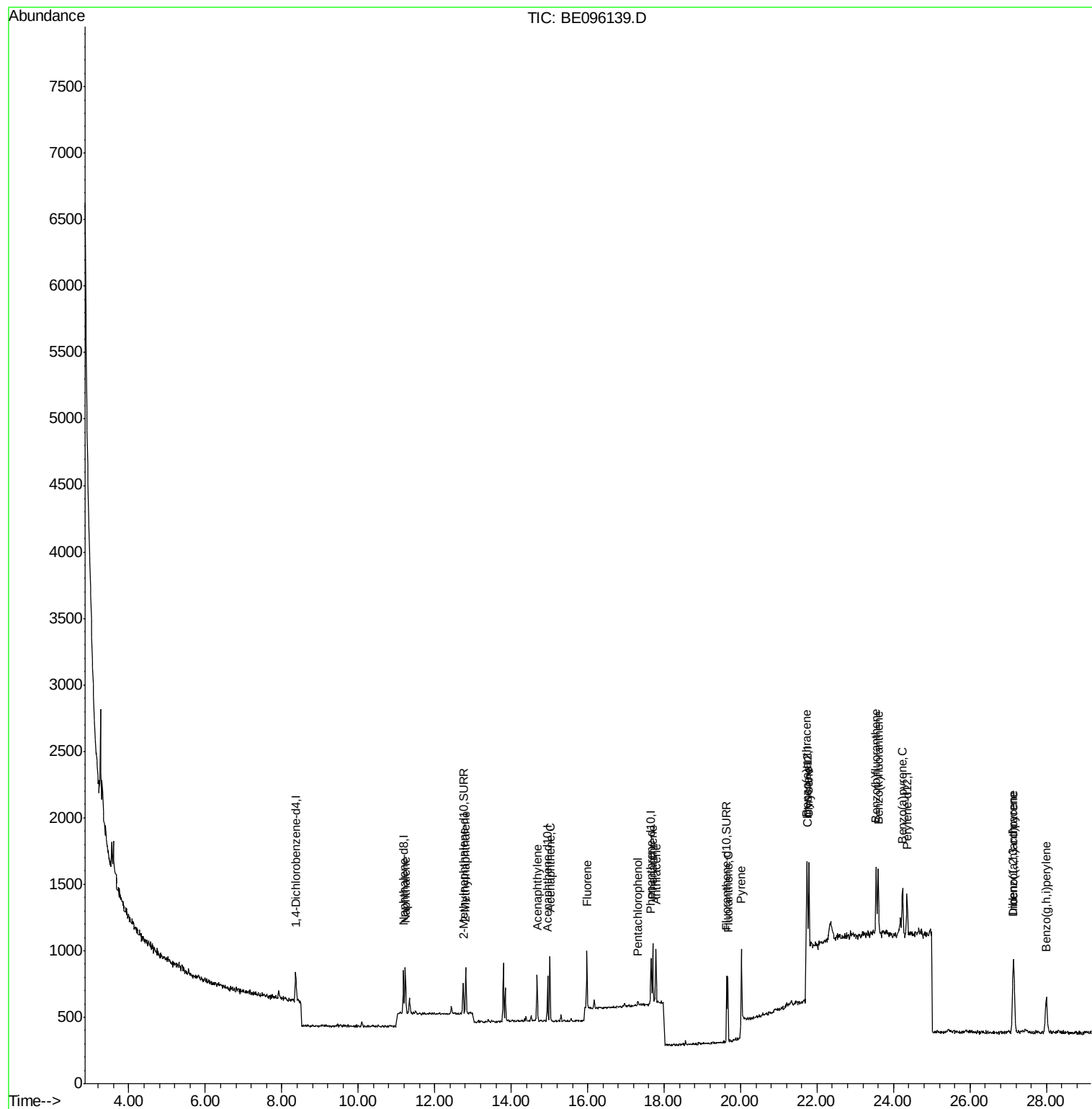
Quant Time: Apr 25 05:30:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

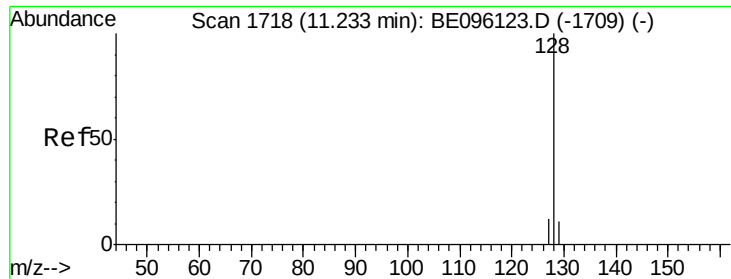
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	156	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	448	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	193	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	416	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	495	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	499	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	316	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	556	0.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	517	0.414	ng/ul#	69
5) 2-Methylnaphthalene	12.81	142	317	0.379	ng/ul	98
7) Acenaphthylene	14.68	152	400	0.402	ng/ul#	81
8) Acenaphthene	15.01	153	303	0.422	ng/ul#	90
9) Fluorene	15.98	166	364	0.383	ng/ul#	87
11) Pentachlorophenol	17.32	266	37	0.370	ng/ul#	79
12) Phenanthrene	17.70	178	484	0.395	ng/ul#	82
13) Anthracene	17.79	178	487	0.396	ng/ul#	86
15) Fluoranthene	19.67	202	563	0.301	ng/ul	87
17) Pyrene	20.02	202	379	0.382	ng/ul	97
18) Benzo(a)anthracene	21.73	228	533	0.356	ng/ul#	79
19) Chrysene	21.79	228	589	0.428	ng/ul#	80
21) Benzo(b)fluoranthene	23.54	252	767	0.406	ng/ul	73
22) Benzo(k)fluoranthene	23.60	252	704	0.390	ng/ul#	61
23) Benzo(a)pyrene	24.24	252	589	0.359	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	27.13	276	812	0.367	ng/ul#	80
25) Dibenzo(a,h)anthracene	27.15	278	670	0.362	ng/ul#	64
26) Benzo(g,h,i)perylene	28.00	276	693	0.360	ng/ul#	76

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

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#3

Naphthalene

Concen: 0.414 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

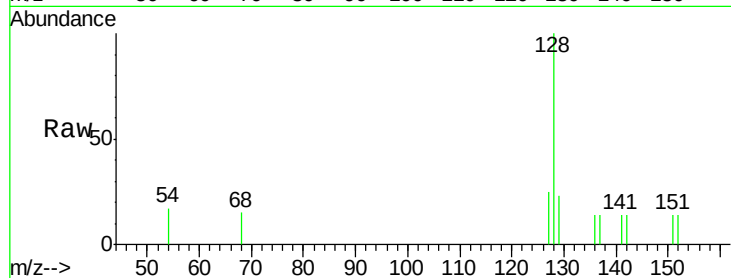
Tot Ion:128 Resp: 517

Ion Ratio Lower Upper

128 100

129 22.6 11.3 16.9#

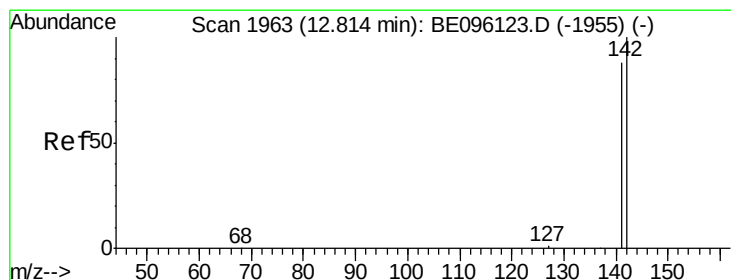
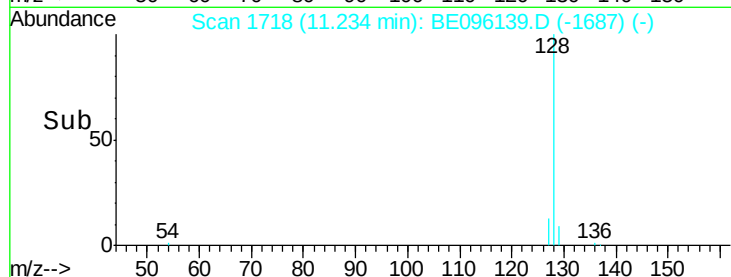
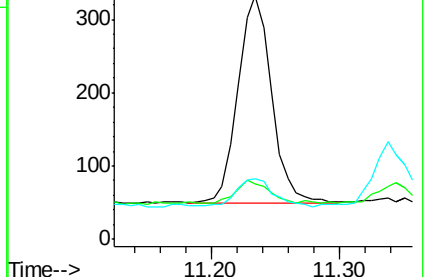
127 25.0 4.0 6.0#



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: 0.379 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE096139.D

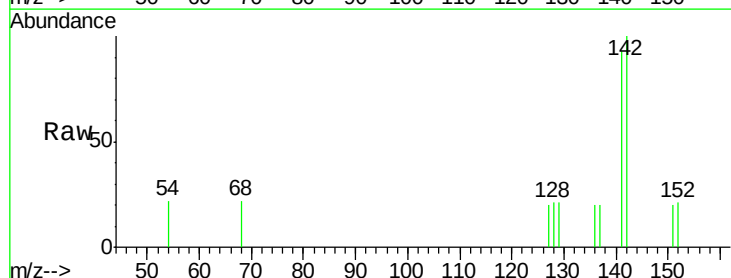
Acq: 25 Apr 2018 2:55

Tgt Ion:142 Resp: 317

Ion Ratio Lower Upper

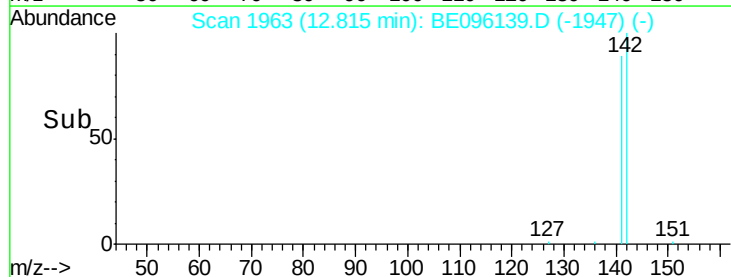
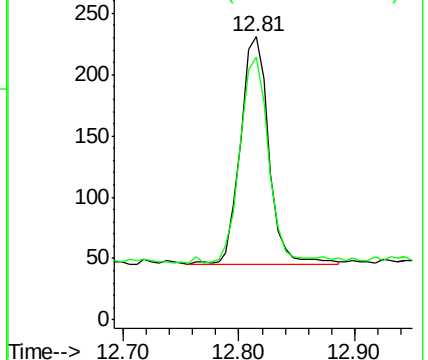
142 100

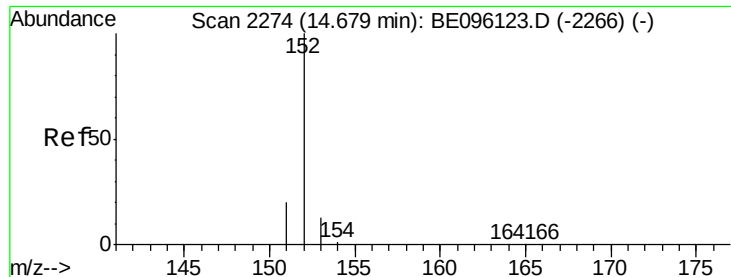
141 93.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

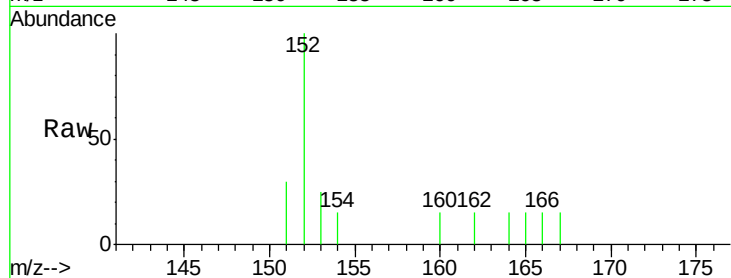
Tot Ion:152 Resp: 400

Ion Ratio Lower Upper

152 100

151 29.7 17.1 25.7#

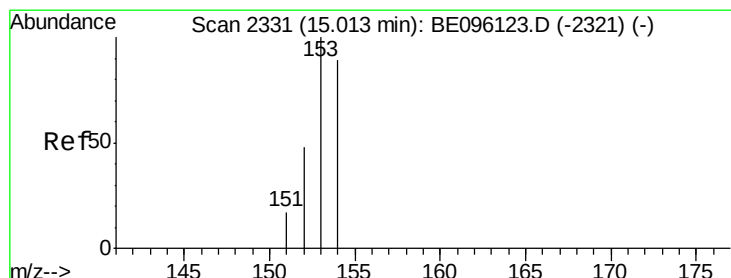
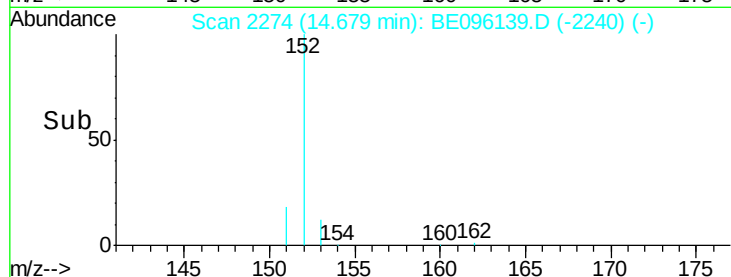
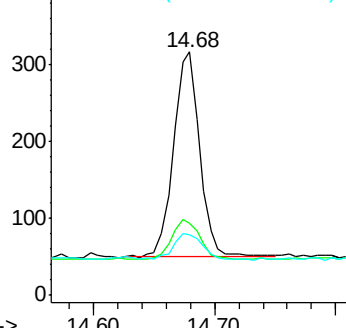
153 24.9 12.8 19.2#



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: 0.422 ng/ul

RT: 15.01 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

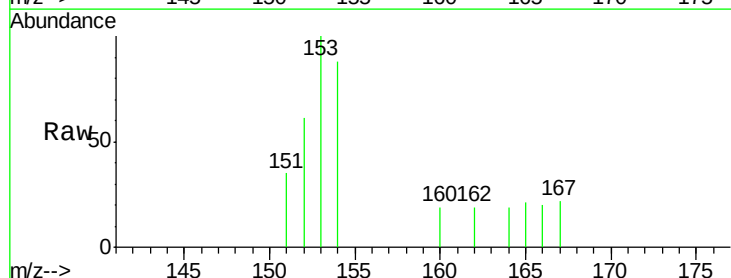
Tgt Ion:153 Resp: 303

Ion Ratio Lower Upper

153 100

152 61.0 36.0 54.0#

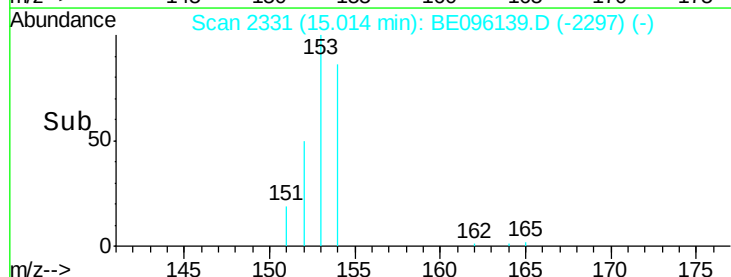
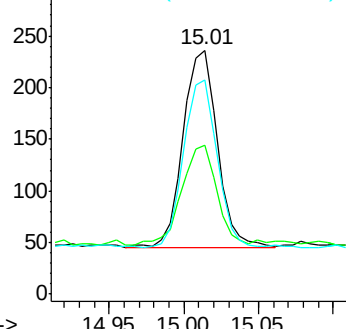
154 87.7 72.0 108.0

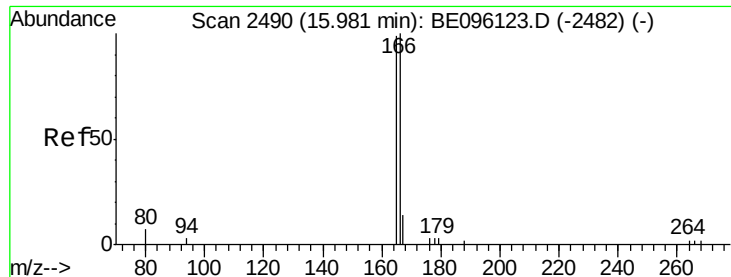


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

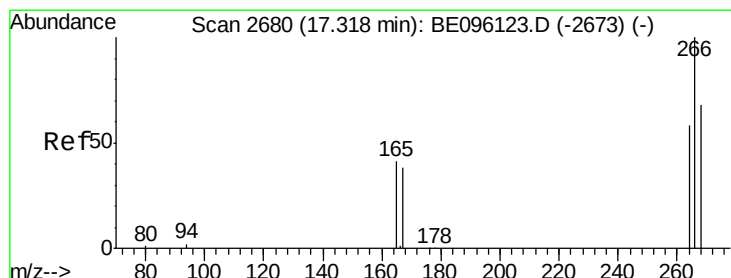
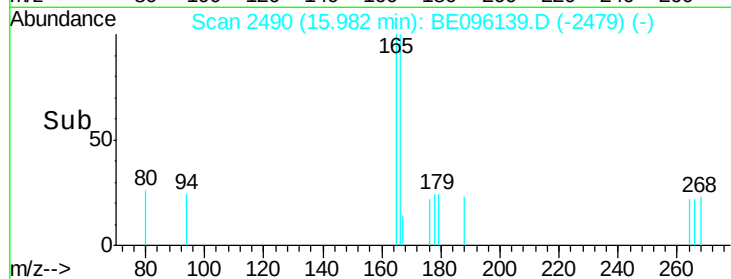
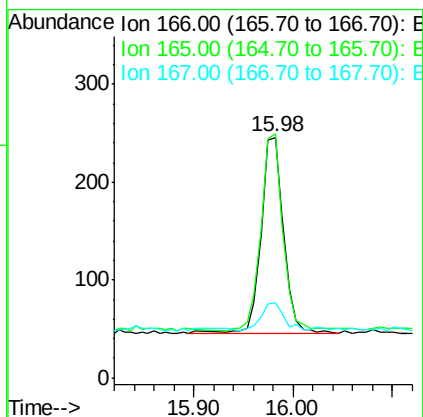
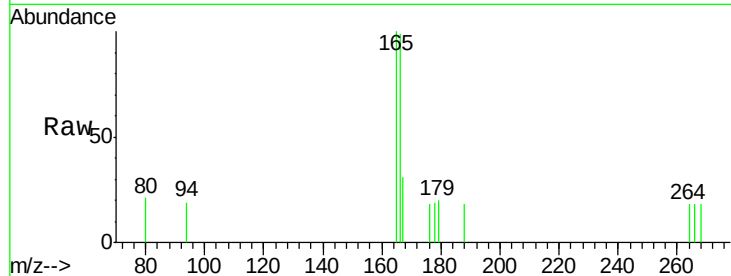
Ion 154.00 (153.70 to 154.70): E





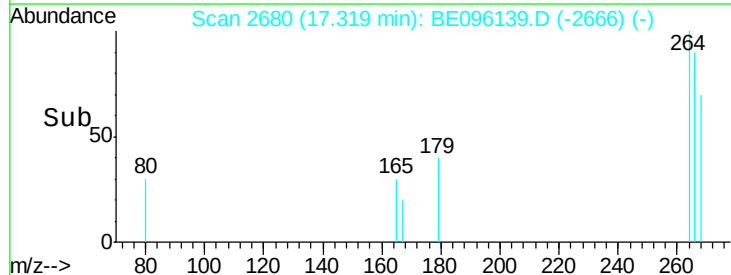
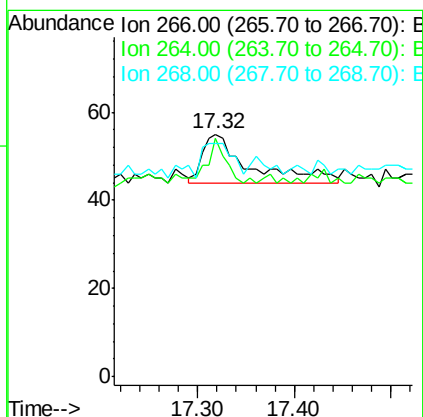
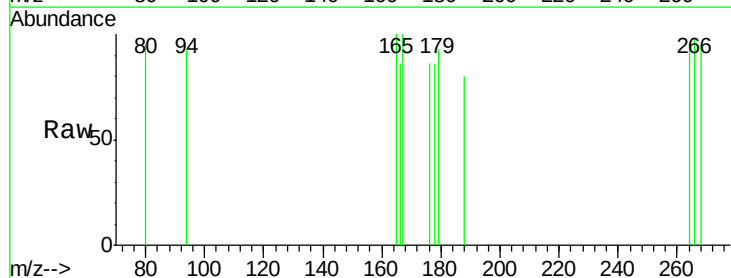
#9
Fluorene
 Concen: 0.383 ng/ul
 RT: 15.98 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BE096139.D
 Acq: 25 Apr 2018 2:55

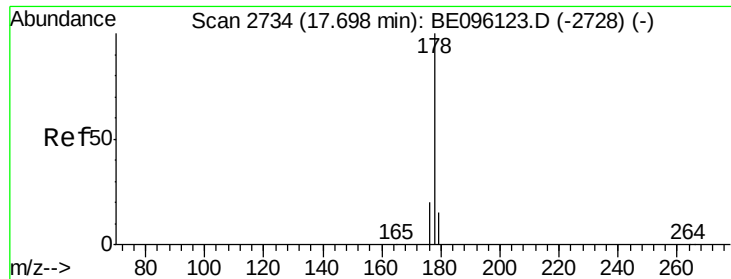
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	73.4	110.2
167	31.3	14.6	22.0



#11
Pentachlorophenol
 Concen: 0.370 ng/ul
 RT: 17.32 min Scan# 2680
 Delta R.T. 0.00 min
 Lab File: BE096139.D
 Acq: 25 Apr 2018 2:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	32.4	47.9	71.9
268	56.8	49.8	74.8





#12

Phenanthrene

Concen: 0.395 ng/ul

RT: 17.70 min Scan# 2734

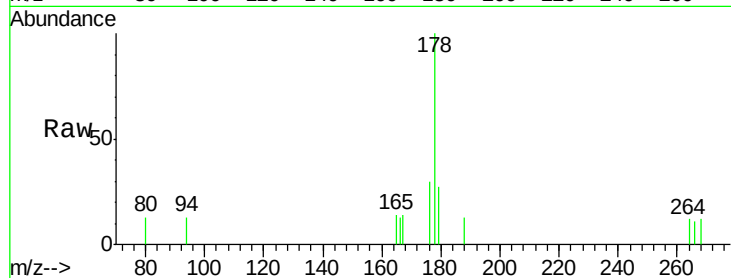
Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

Tot Ion:178 Resp: 484

Ion	Ratio	Lower	Upper
178	100		
179	26.9	18.4	27.6
176	30.2	13.6	20.4

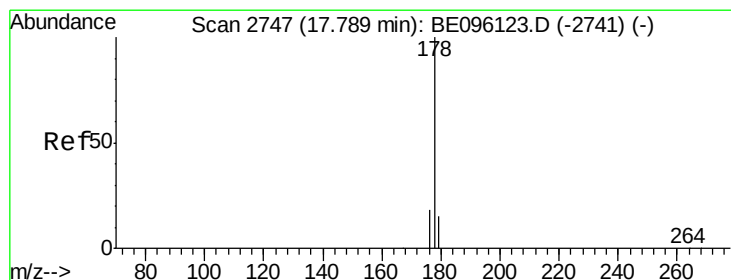
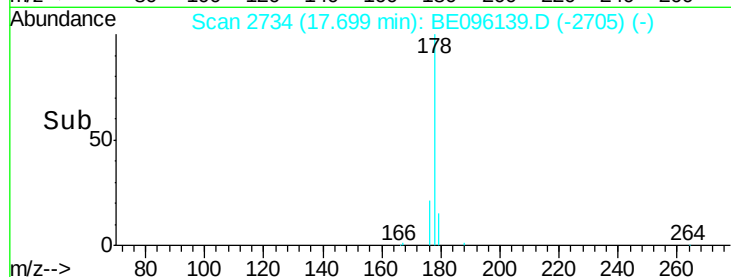
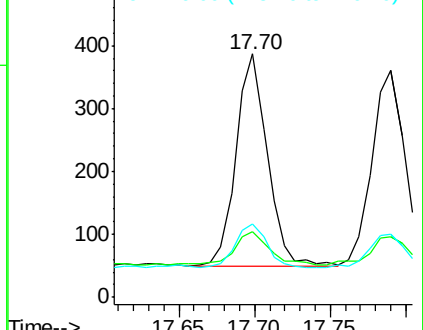


Abundance

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



#13

Anthracene

Concen: 0.396 ng/ul

RT: 17.79 min Scan# 2747

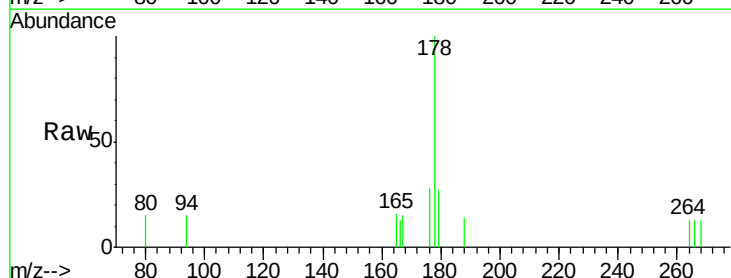
Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

Tgt Ion:178 Resp: 487

Ion	Ratio	Lower	Upper
178	100		
179	26.9	18.1	27.1
176	27.8	14.7	22.1

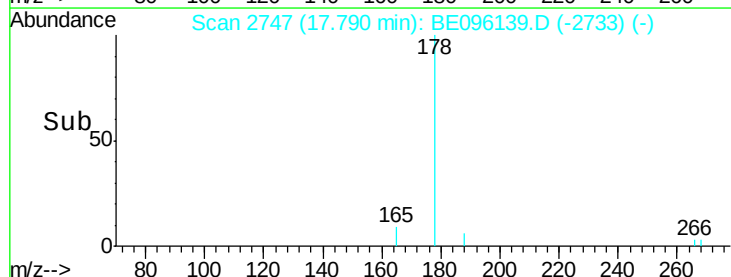
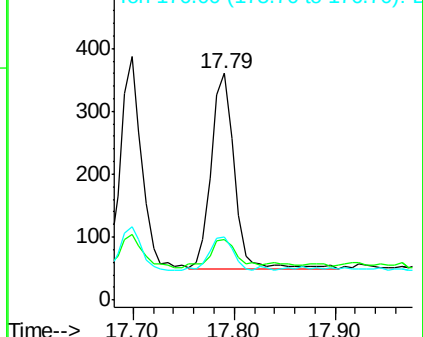


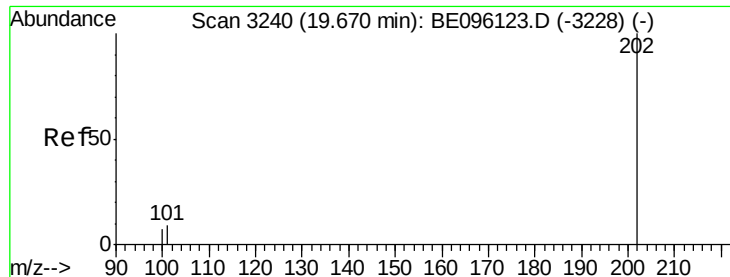
Abundance

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





#15

Fluoranthene

Concen: 0.301 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

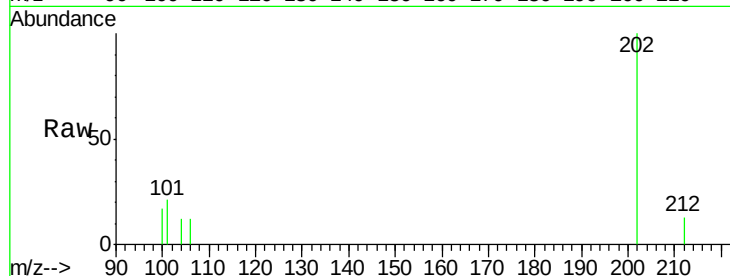
Tot Ion:202 Resp: 563

Ion Ratio Lower Upper

202 100

101 20.9 0.0 30.3

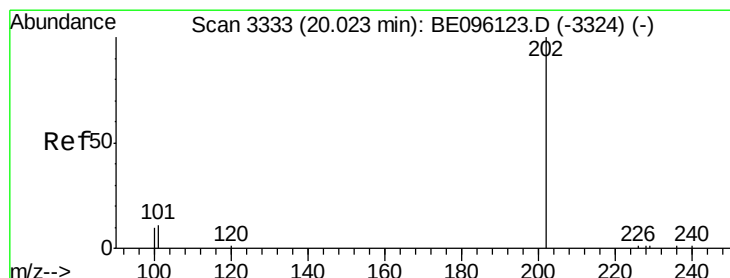
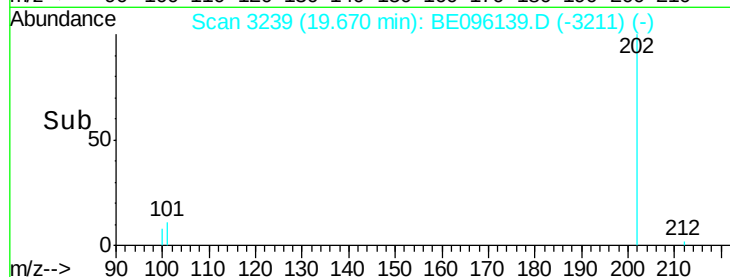
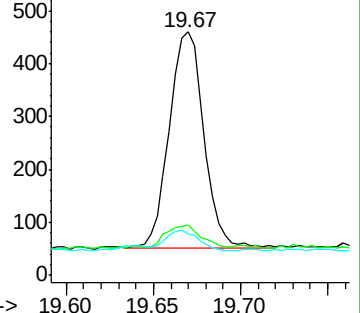
100 17.2 0.0 39.5



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: 0.382 ng/ul

RT: 20.02 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

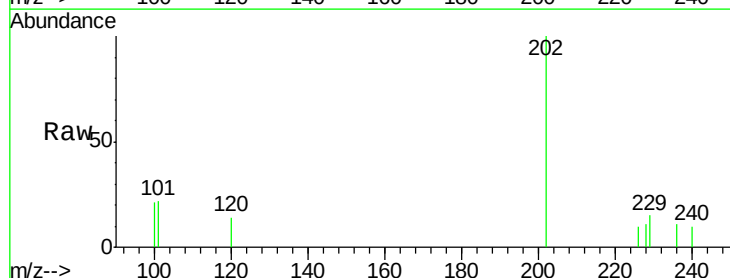
Tgt Ion:202 Resp: 379

Ion Ratio Lower Upper

202 100

101 22.0 18.2 27.4

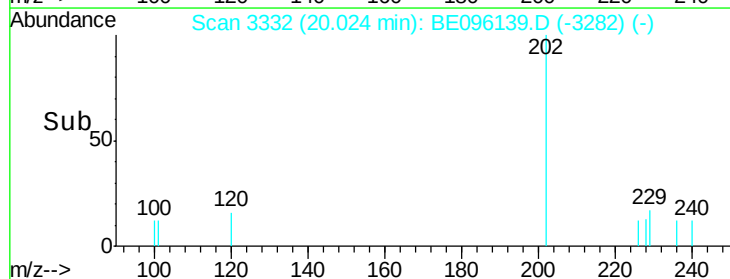
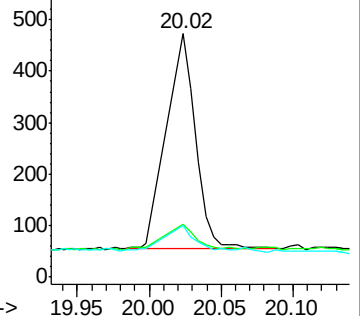
100 21.1 15.6 23.4

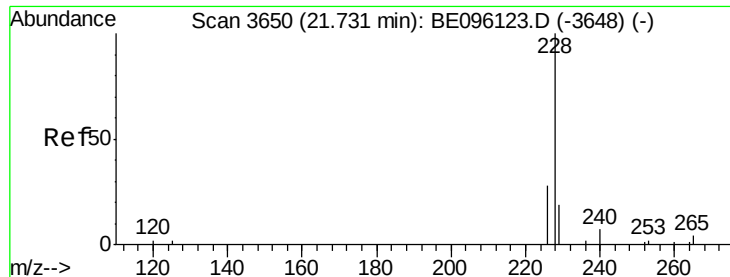


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.356 ng/ul

RT: 21.73 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

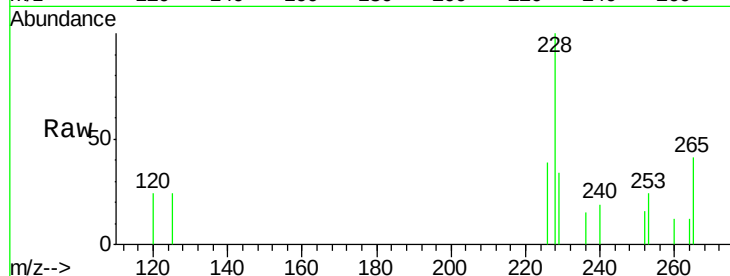
Tot Ion:228 Resp: 533

Ion Ratio Lower Upper

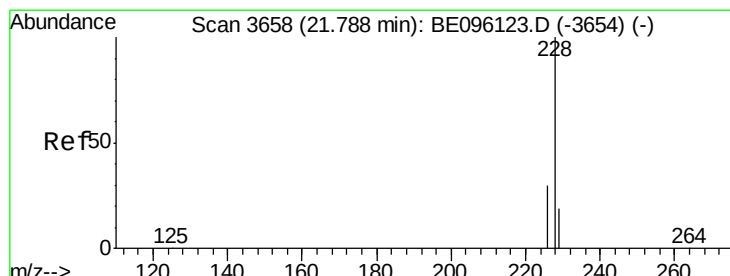
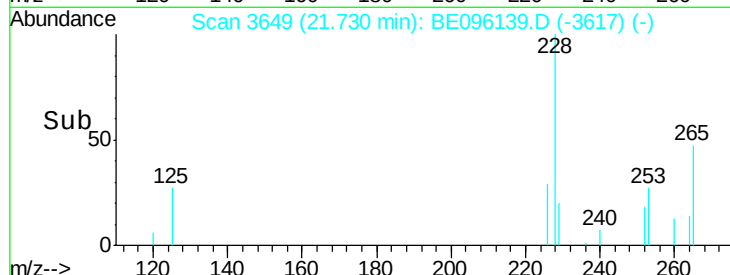
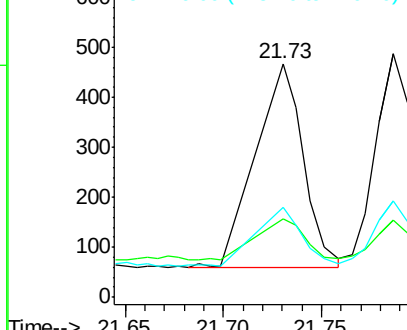
228 100

229 33.6 22.8 34.2

226 38.8 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: 0.428 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

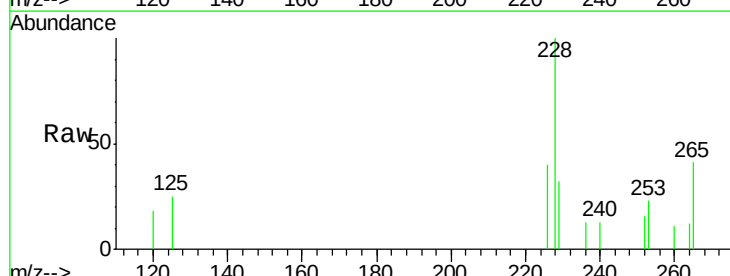
Tgt Ion:228 Resp: 589

Ion Ratio Lower Upper

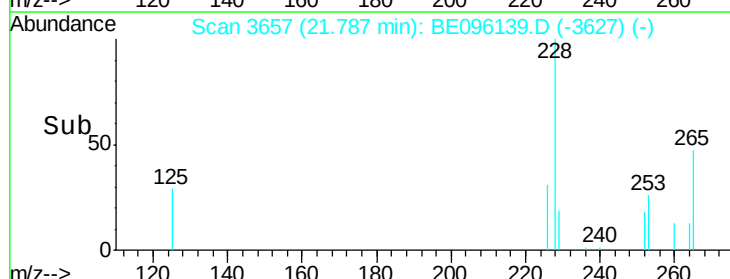
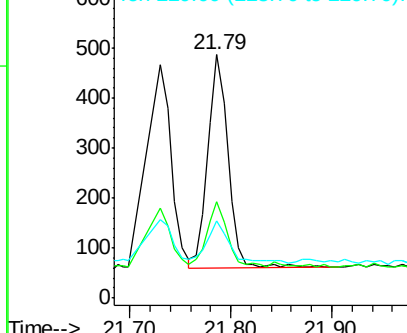
228 100

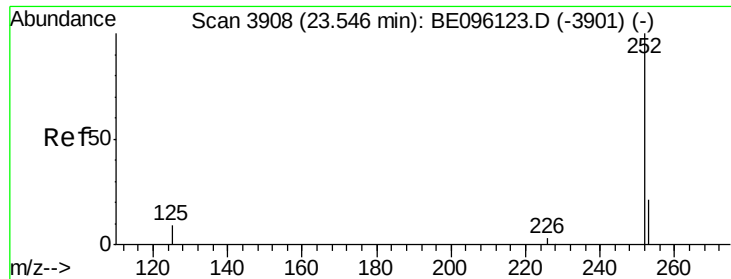
226 39.6 23.4 35.0#

229 31.6 17.7 26.5#



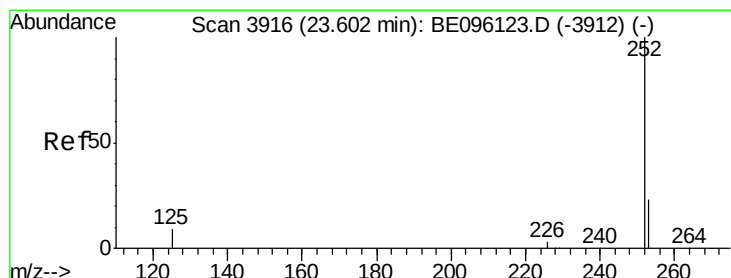
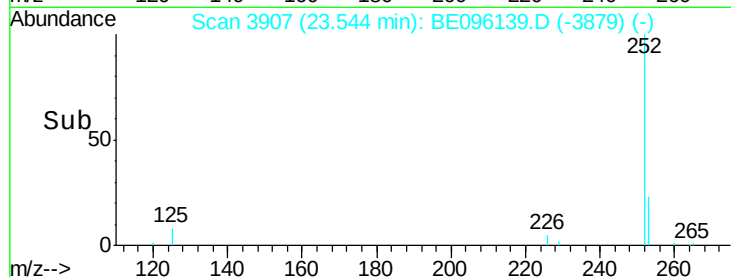
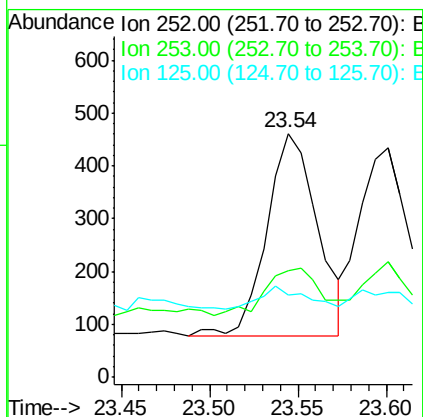
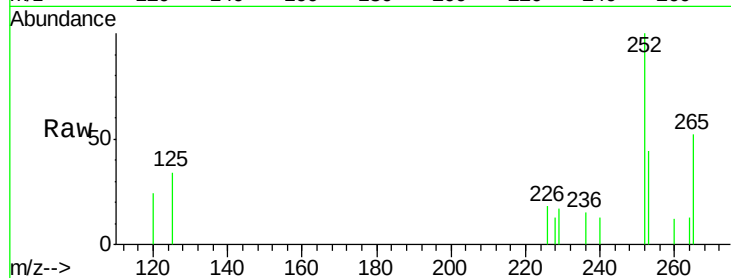
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





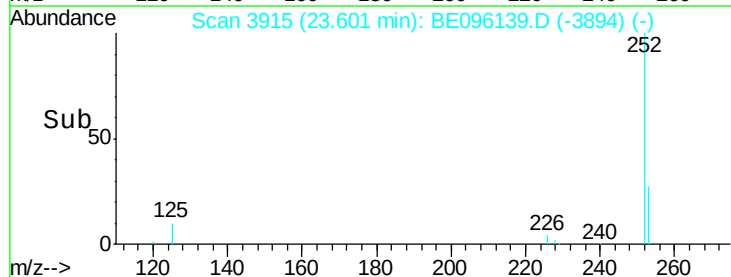
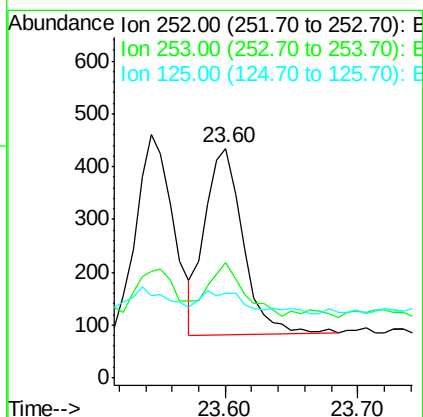
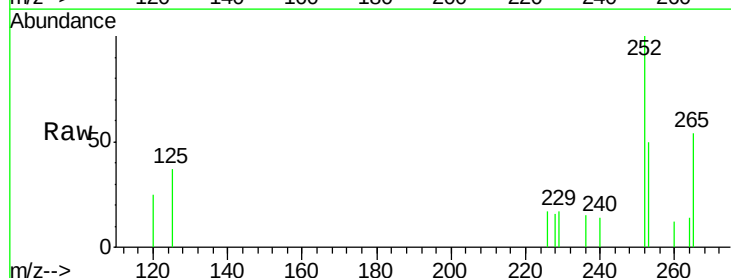
#21
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 23.54 min Scan# 3907
Delta R.T. -0.00 min
Lab File: BE096139.D
Acq: 25 Apr 2018 2:55

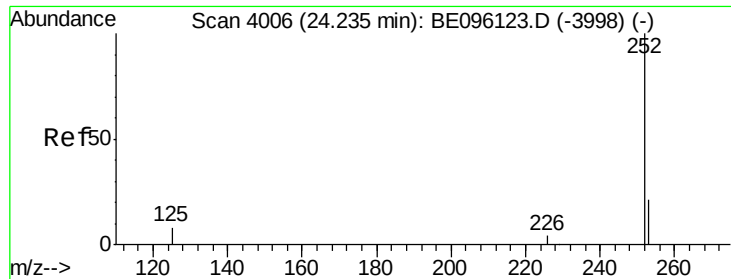
Tot Ion:252 Resp: 767
Ion Ratio Lower Upper
252 100
253 43.8 0.0 64.2
125 33.6 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.60 min Scan# 3915
Delta R.T. -0.00 min
Lab File: BE096139.D
Acq: 25 Apr 2018 2:55

Tgt Ion:252 Resp: 704
Ion Ratio Lower Upper
252 100
253 50.3 24.5 36.7#
125 36.8 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.359 ng/ul

RT: 24.24 min Scan# 4006

Delta R.T. 0.01 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

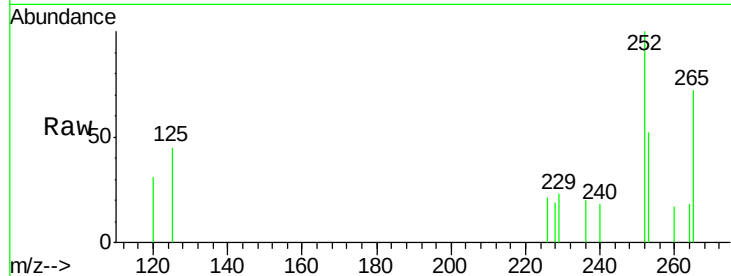
Tot Ion:252 Resp: 589

Ion Ratio Lower Upper

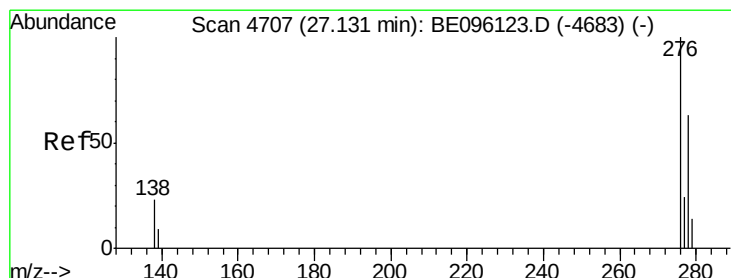
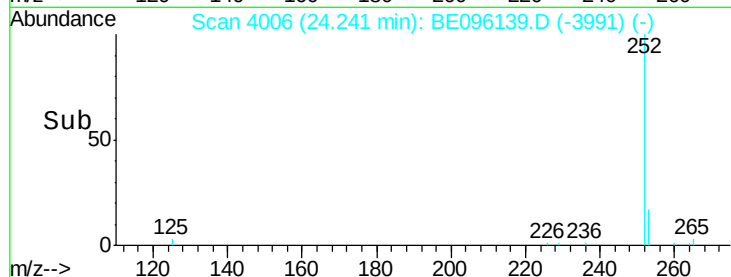
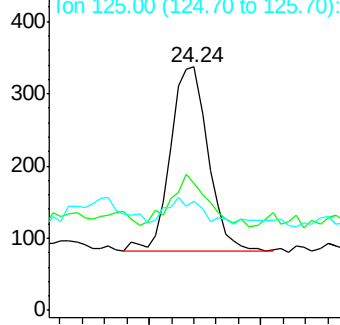
252 100

253 52.2 28.5 42.7#

125 45.1 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: 0.367 ng/ul

RT: 27.13 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BE096139.D

Acq: 25 Apr 2018 2:55

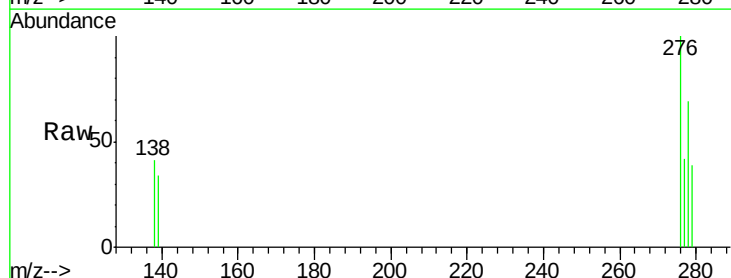
Tgt Ion:276 Resp: 812

Ion Ratio Lower Upper

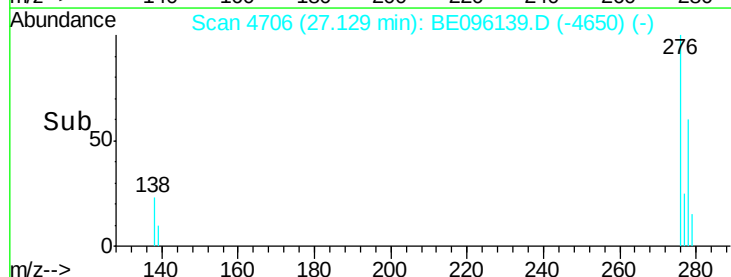
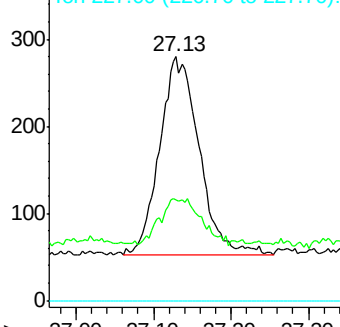
276 100

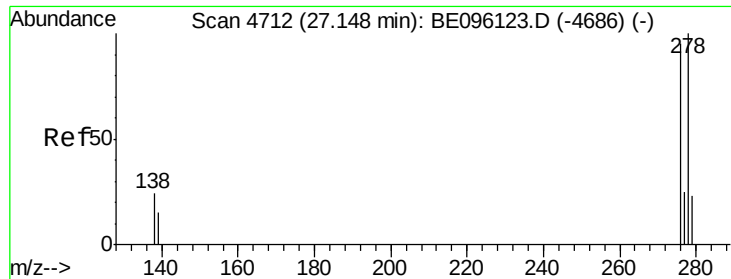
138 24.4 28.0 42.0#

227 0.0 8.0 12.0#



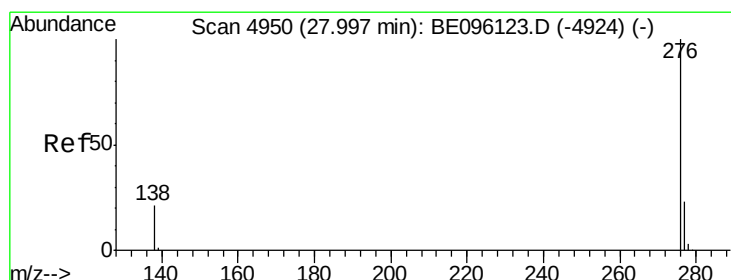
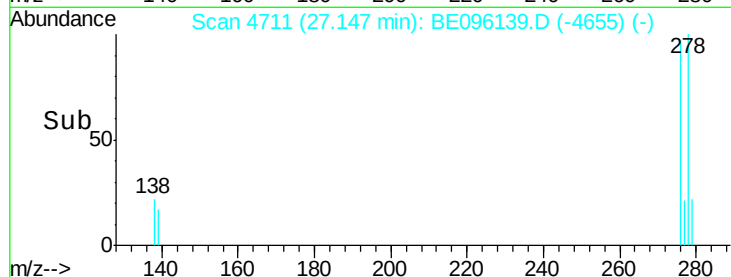
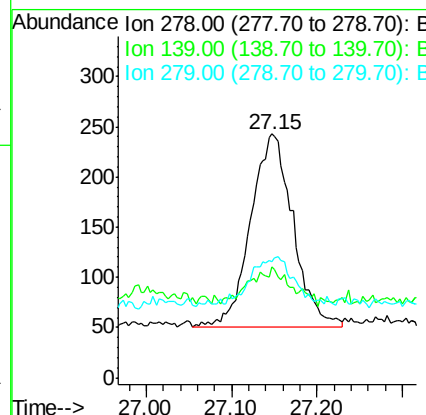
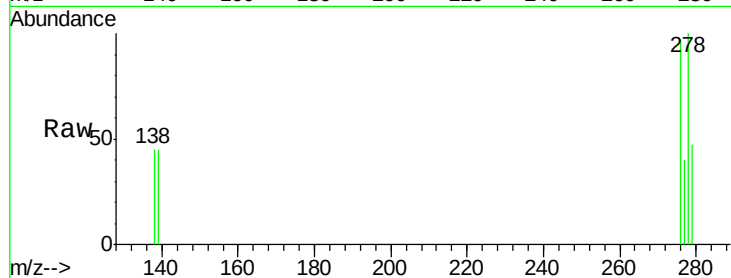
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





#25
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 27.15 min Scan# 4711
Delta R.T. -0.00 min
Lab File: BE096139.D
Acq: 25 Apr 2018 2:55

Tot Ion: 278 Resp: 670
Ion Ratio Lower Upper
278 100
139 45.3 17.4 26.0#
279 47.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 28.00 min Scan# 4949
Delta R.T. -0.00 min
Lab File: BE096139.D
Acq: 25 Apr 2018 2:55

Tgt Ion: 276 Resp: 693
Ion Ratio Lower Upper
276 100
138 39.5 21.8 32.8#
277 38.3 20.5 30.7#

