

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042418\
 Data File : BE096135.D
 Acq On : 25 Apr 2018 00:32
 Operator : SJ/JU
 Sample : J2431-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

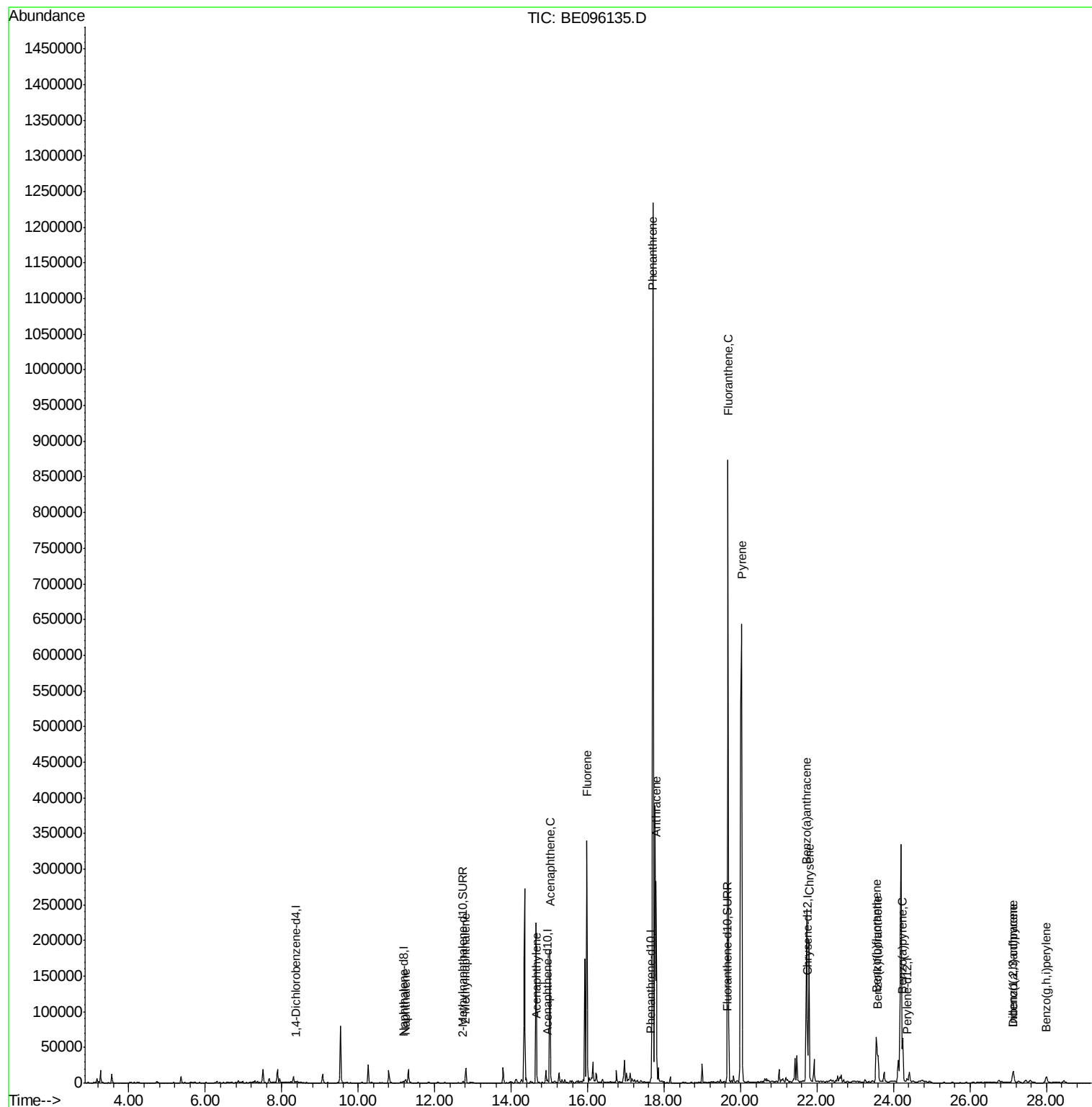
Quant Time: Apr 25 06:51:55 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

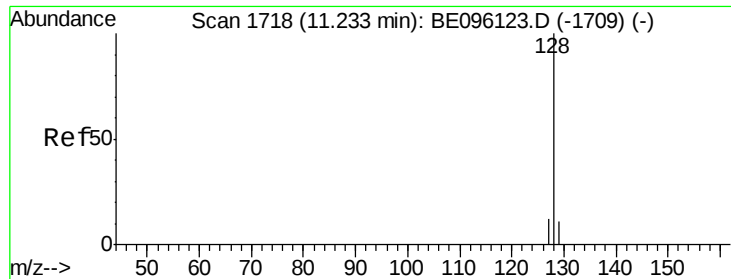
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	836	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3373	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2230	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	6109m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7599m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5669m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2216	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	8314m	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.23	128	6547	0.697	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	16490	2.621	ng/ul	100
7) Acenaphthylene	14.68	152	5413	0.471	ng/ul#	92
8) Acenaphthene	15.01	153	104861	12.651	ng/ul	95
9) Fluorene	15.98	166	222771	20.313	ng/ul#	90
12) Phenanthrene	17.70	178	1434514m	79.756	ng/ul	
13) Anthracene	17.79	178	293150m	16.246	ng/ul	
15) Fluoranthene	19.67	202	1027897m	37.388	ng/ul	
17) Pyrene	20.03	202	571620	37.496	ng/ul#	77
18) Benzo(a)anthracene	21.73	228	194624m	8.460	ng/ul	
19) Chrysene	21.79	228	196130	9.278	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	132076m	6.153	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	40037m	1.951	ng/ul	
23) Benzo(a)pyrene	24.24	252	85812m	4.602	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.13	276	28941m	1.152	ng/ul	
25) Dibenzo(a,h)anthracene	27.13	278	8566m	0.407	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	20768m	0.950	ng/ul	

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

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#3

Naphthalene

Concen: 0.697 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

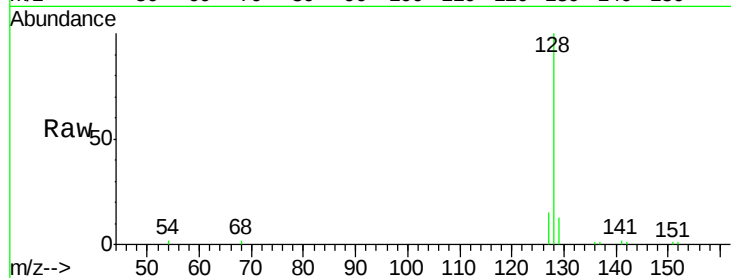
Tgt Ion:128 Resp: 6547

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

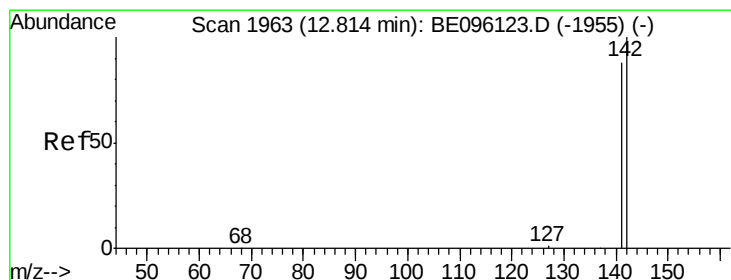
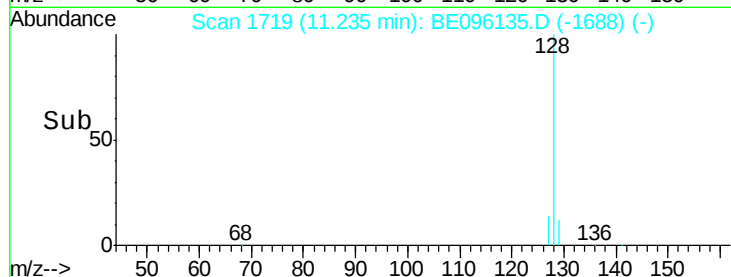
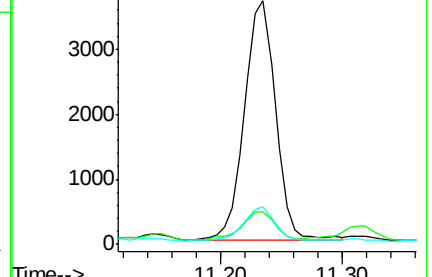
127 15.2 4.0 6.0#



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: 2.621 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE096135.D

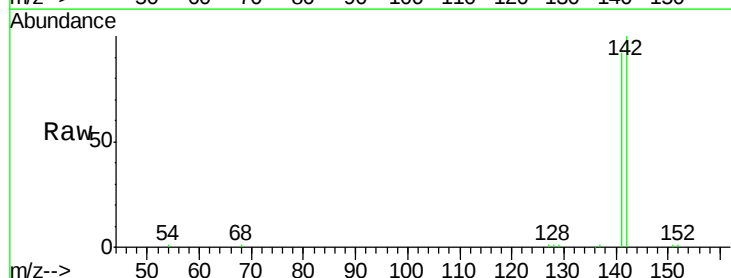
Acq: 25 Apr 2018 00:32

Tgt Ion:142 Resp: 16490

Ion Ratio Lower Upper

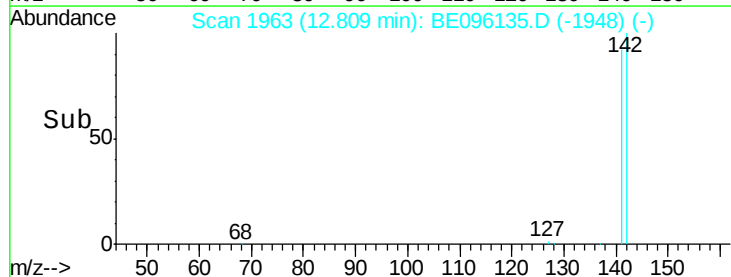
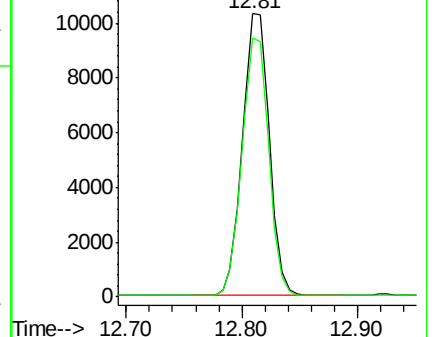
142 100

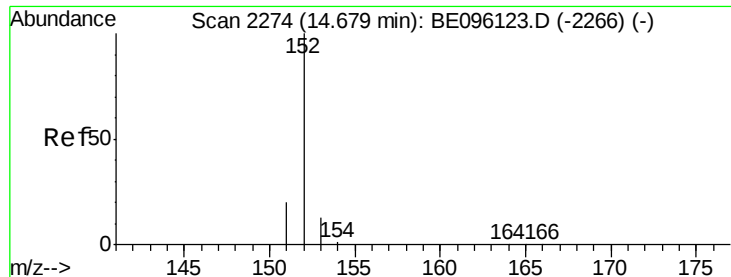
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.471 ng/ul

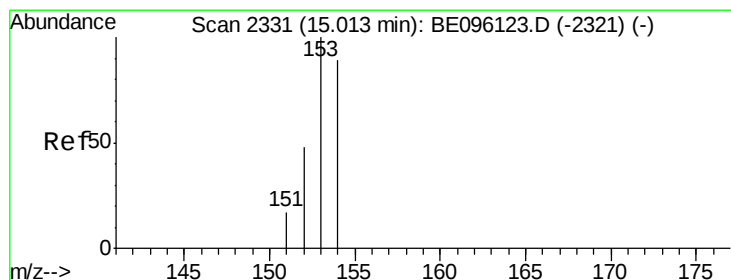
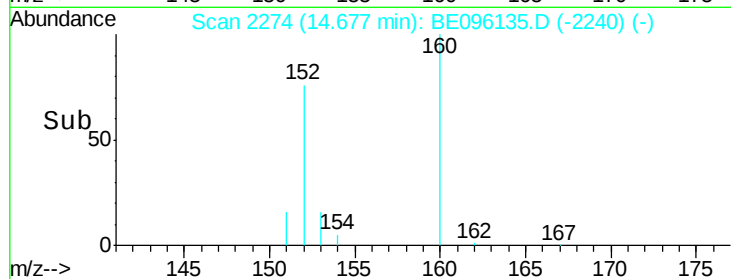
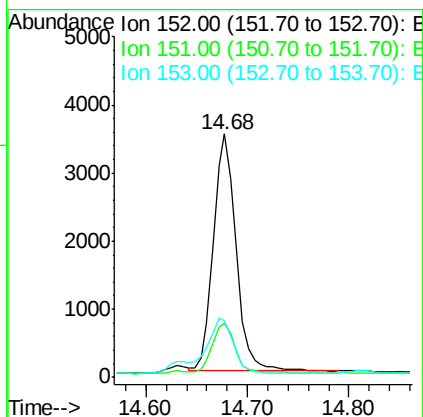
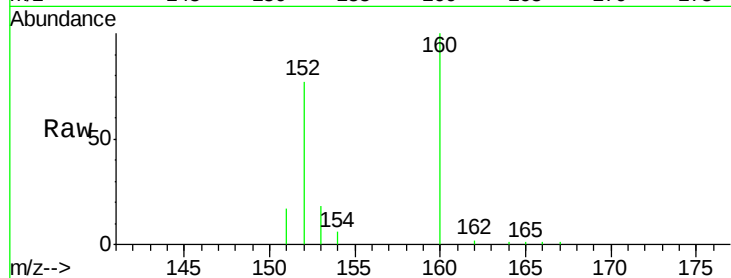
RT: 14.68 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

Tgt Ion:	152	Resp:	5413
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	23.2	12.8	19.2



#8

Acenaphthene

Concen: 12.651 ng/ul

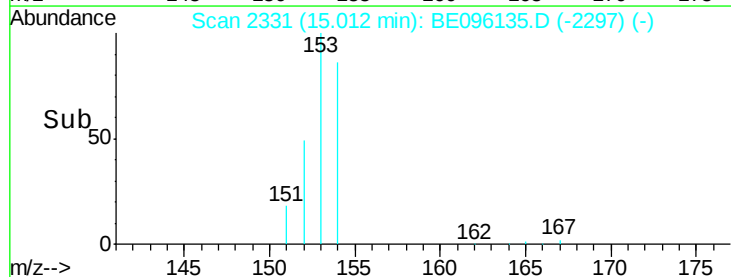
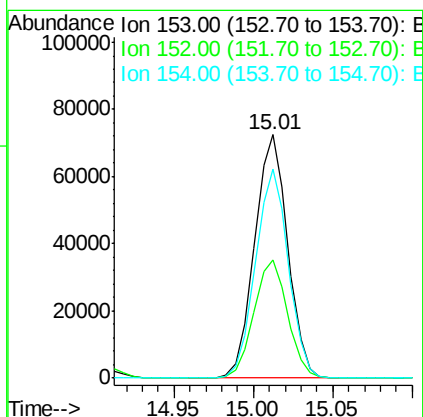
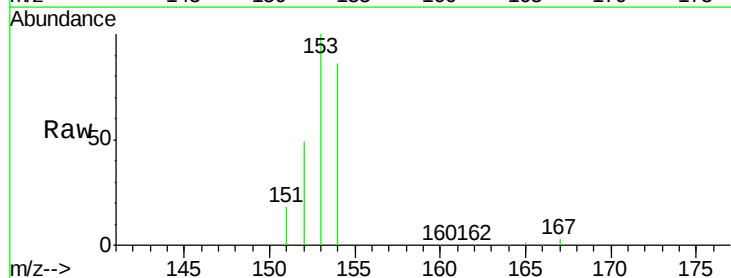
RT: 15.01 min Scan# 2331

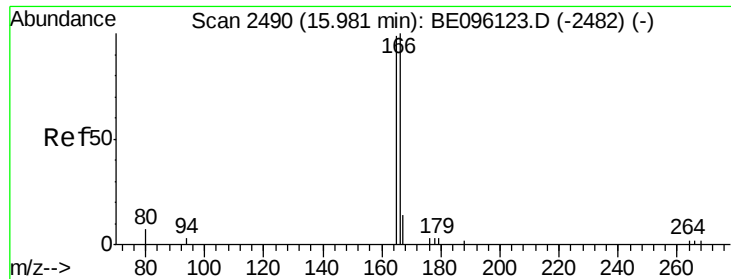
Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

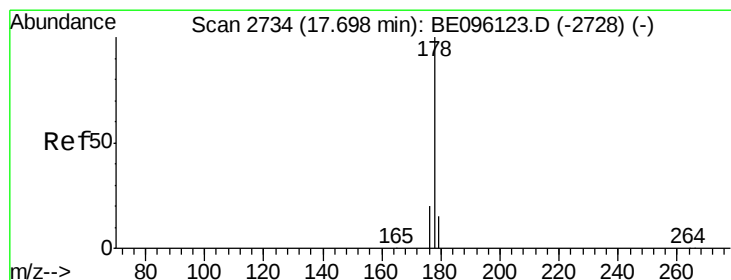
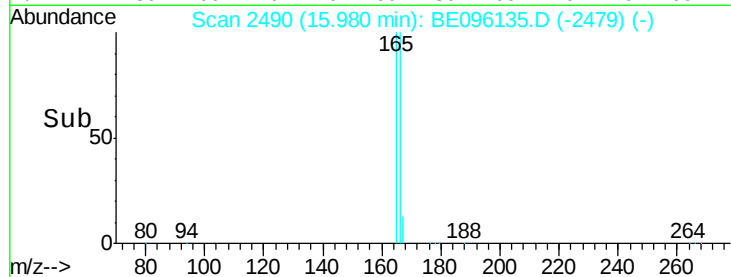
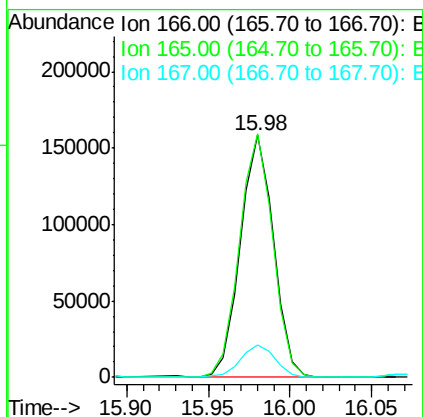
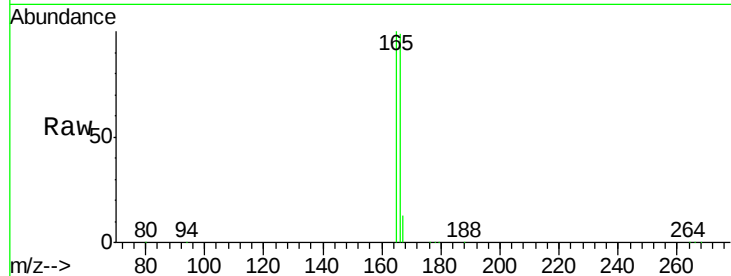
Tgt Ion:	153	Resp:	104861
Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.0	54.0
154	85.8	72.0	108.0





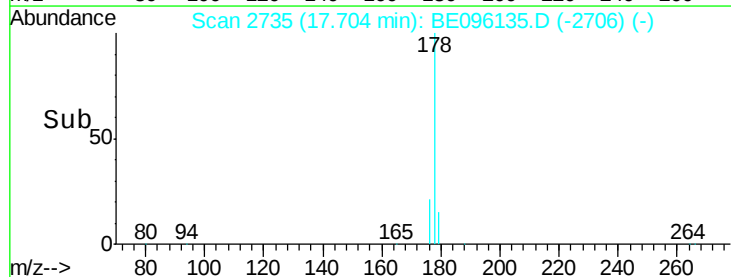
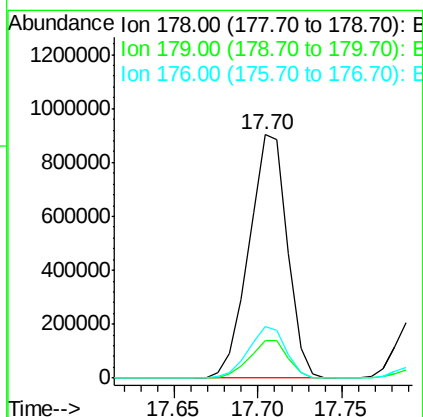
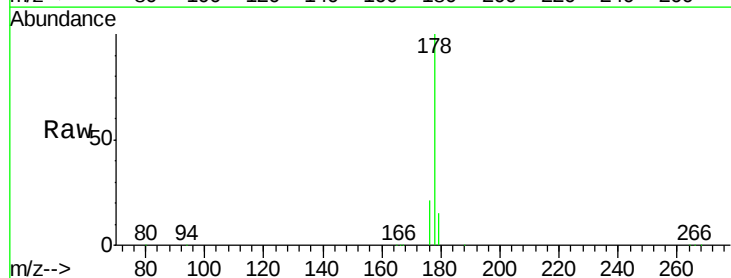
#9
Fluorene
 Concen: 20.313 ng/ul
 RT: 15.98 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

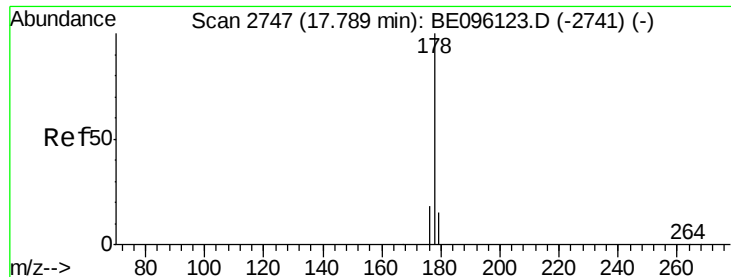
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	13.5	14.6	22.0#



#12
Phenanthrene
 Concen: 79.756 ng/ul m
 RT: 17.70 min Scan# 2735
 Delta R.T. 0.01 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	21.1	13.6	20.4#





#13

Anthracene

Concen: 16.246 ng/ul m

RT: 17.79 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

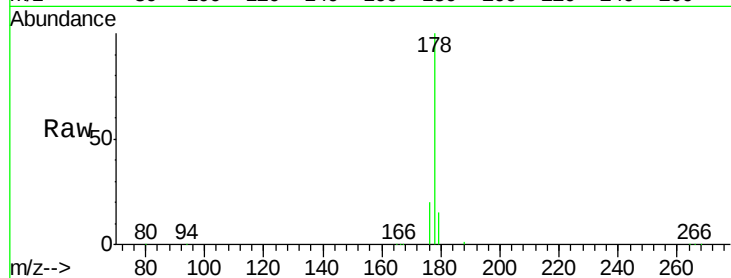
Tgt Ion:178 Resp: 293150

Ion Ratio Lower Upper

178 100

179 15.3 18.1 27.1#

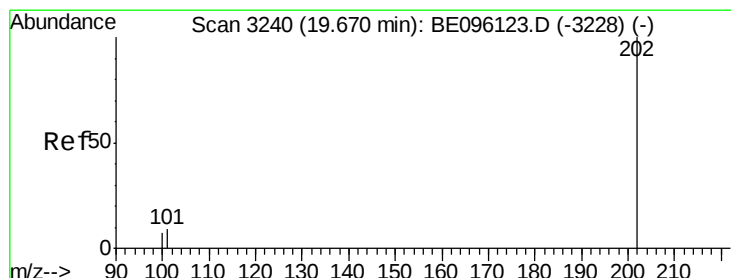
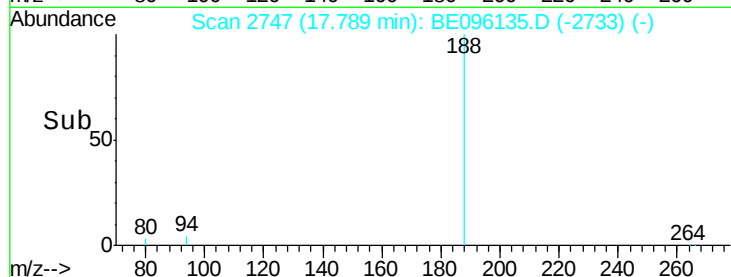
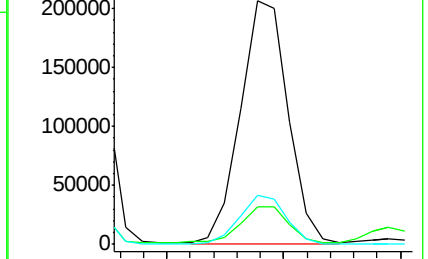
176 20.0 14.7 22.1



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: 37.388 ng/ul m

RT: 19.67 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

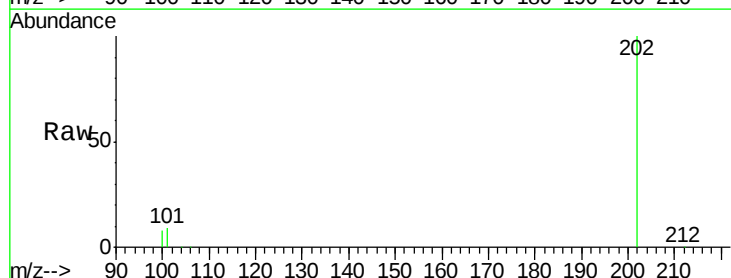
Tgt Ion:202 Resp: 1027897

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.3

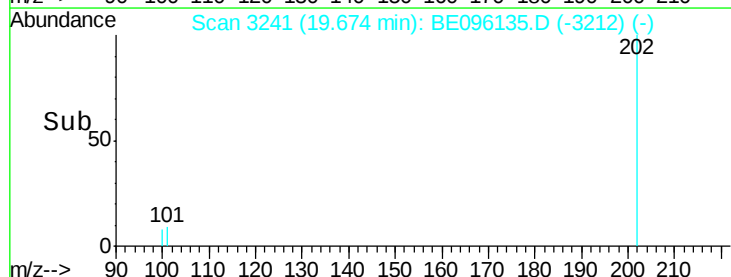
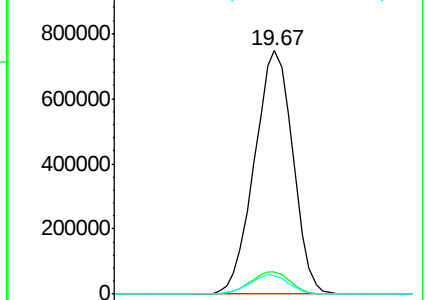
100 7.7 0.0 39.5

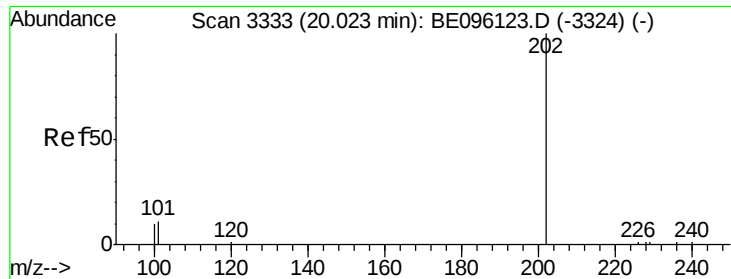


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

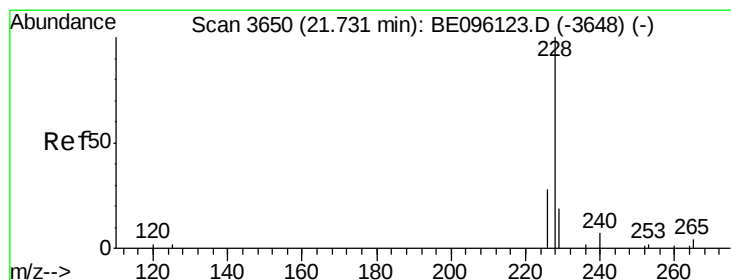
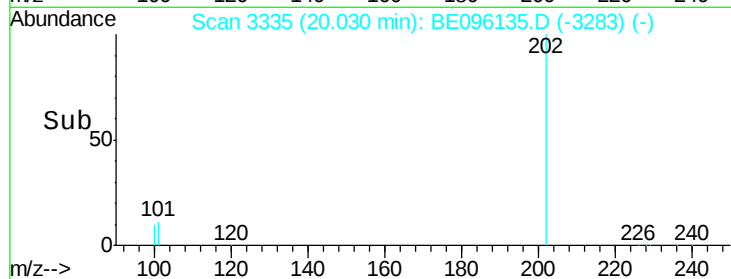
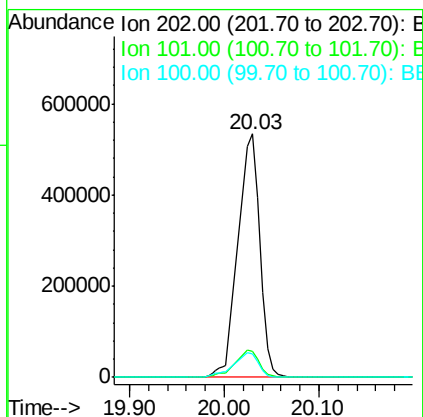
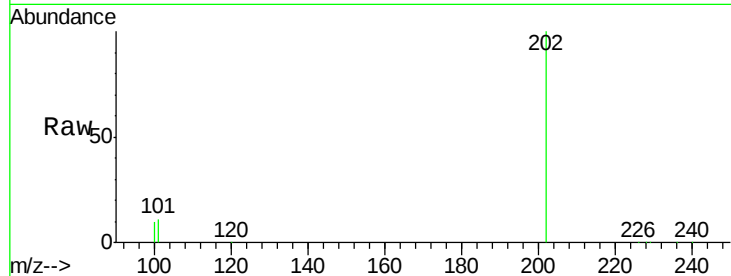
Ion 100.00 (99.70 to 100.70): BE





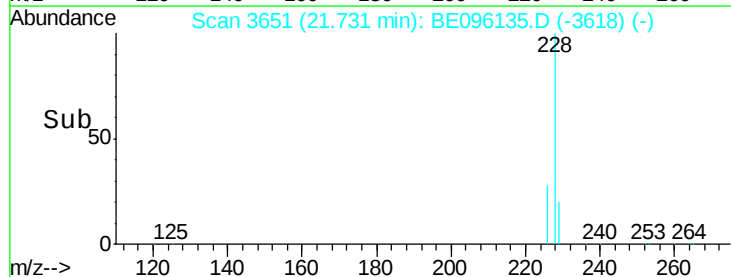
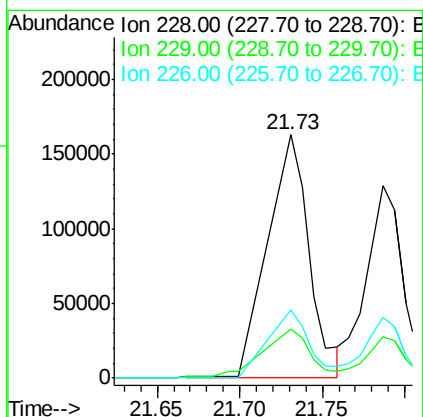
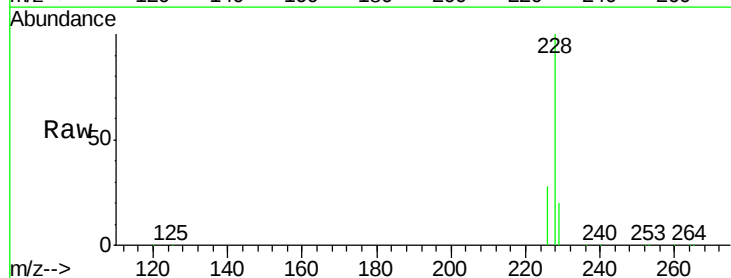
#17
 Pyrene
 Concen: 37.496 ng/ul
 RT: 20.03 min Scan# 3335
 Delta R.T. 0.01 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

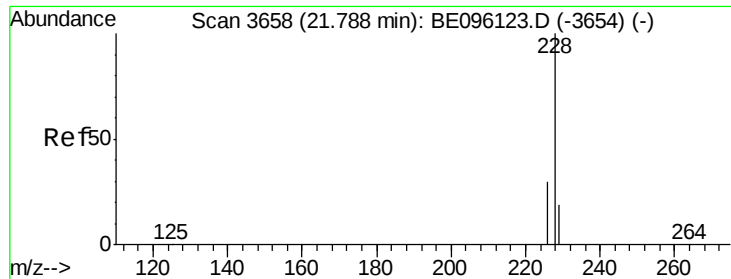
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	18.2	27.4#
100	9.6	15.6	23.4#



#18
 Benzo(a)anthracene
 Concen: 8.460 ng/ul m
 RT: 21.73 min Scan# 3651
 Delta R.T. -0.00 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 9.278 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

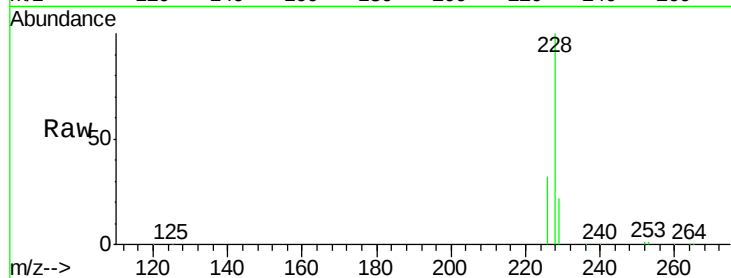
Tgt Ion:228 Resp: 196130

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

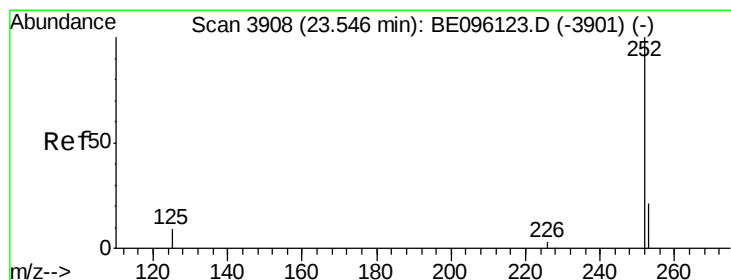
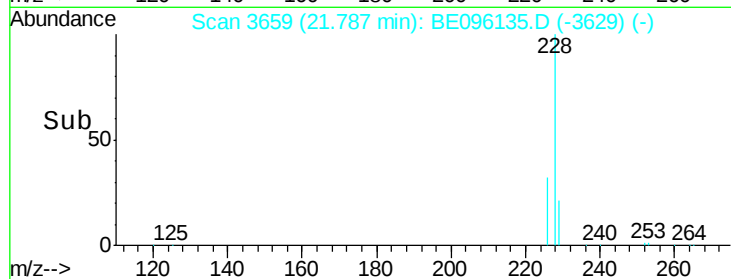
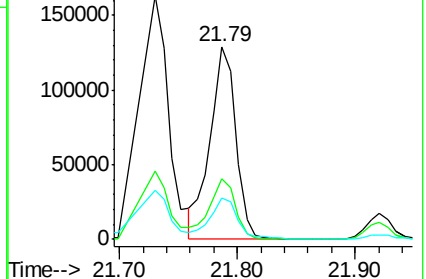
229 21.5 17.7 26.5



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: 6.153 ng/ul m

RT: 23.55 min Scan# 3910

Delta R.T. 0.01 min

Lab File: BE096135.D

Acq: 25 Apr 2018 00:32

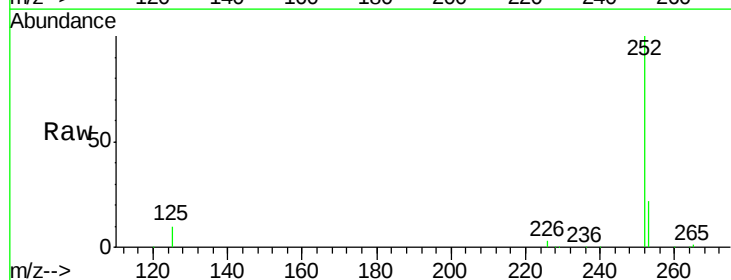
Tgt Ion:252 Resp: 132076

Ion Ratio Lower Upper

252 100

253 22.3 0.0 64.2

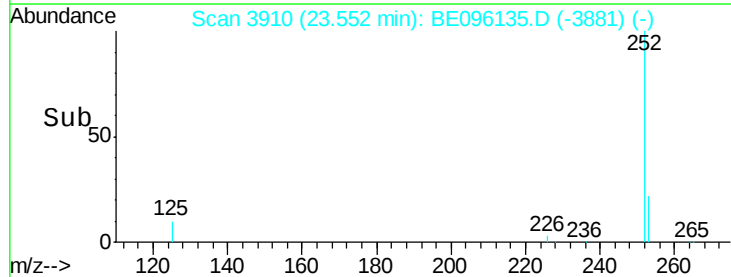
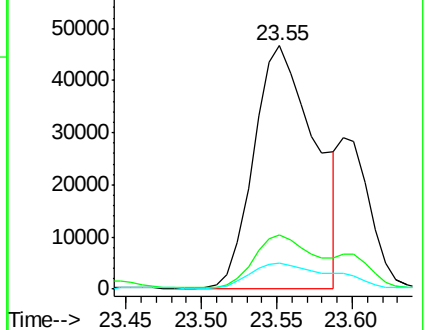
125 10.4 0.0 35.0

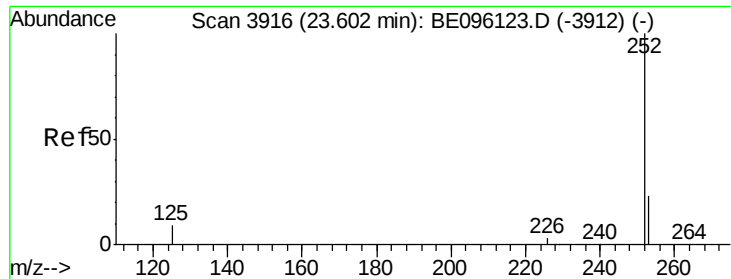


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

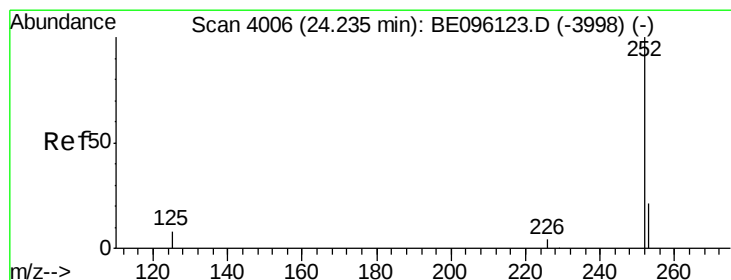
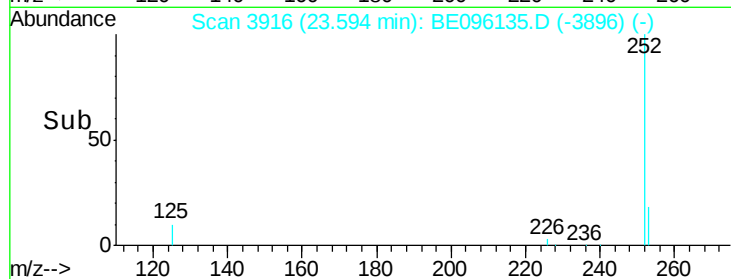
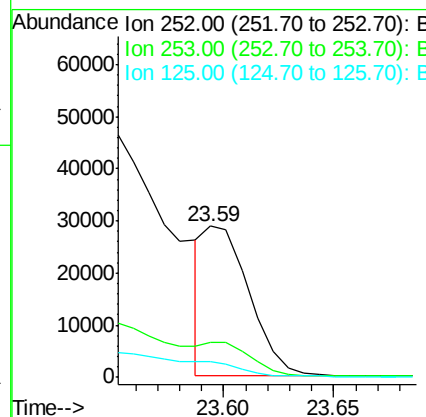
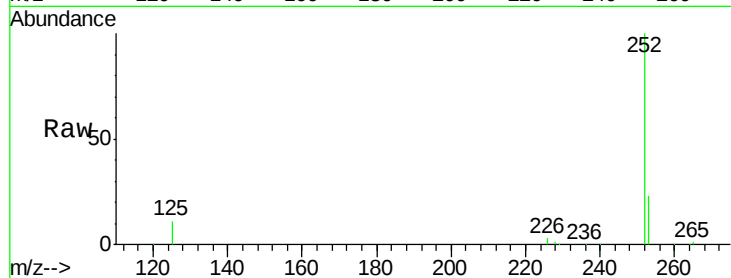
Ion 125.00 (124.70 to 125.70): E





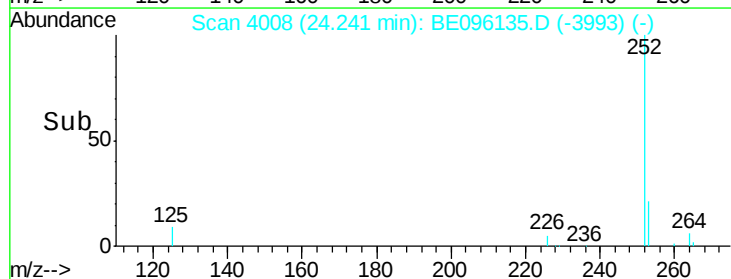
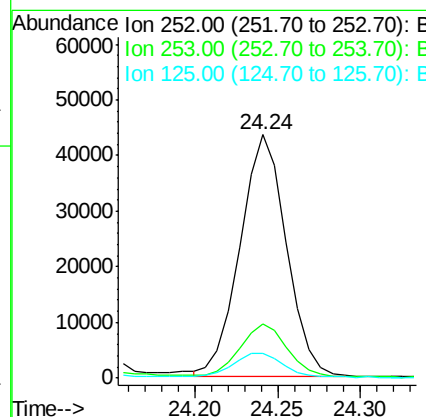
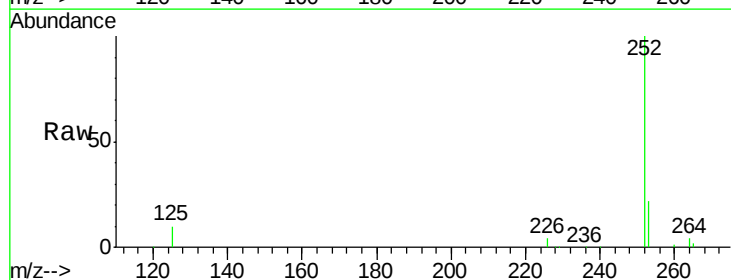
#22
Benzo(k)fluoranthene
Concen: 1.951 ng/ul m
RT: 23.59 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

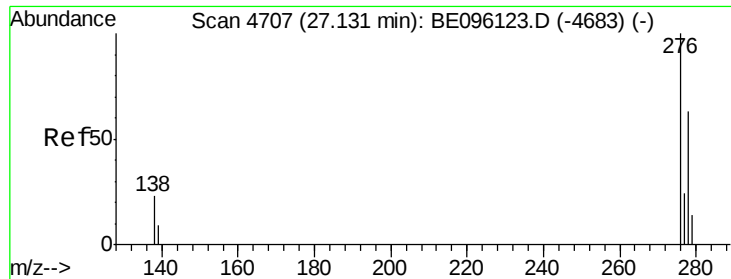
Tgt Ion:252 Resp: 40037
Ion Ratio Lower Upper
252 100
253 22.8 24.5 36.7#
125 10.6 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 4.602 ng/ul m
RT: 24.24 min Scan# 4008
Delta R.T. 0.01 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:252 Resp: 85812
Ion Ratio Lower Upper
252 100
253 22.0 28.5 42.7#
125 10.4 18.1 27.1#

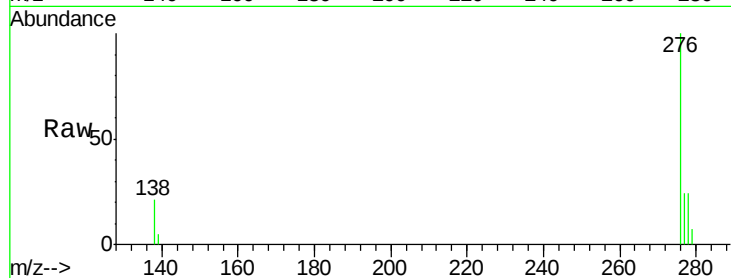




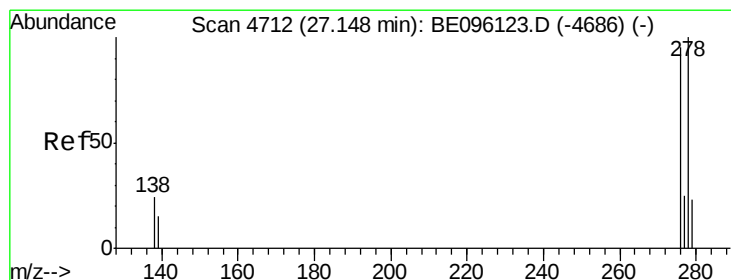
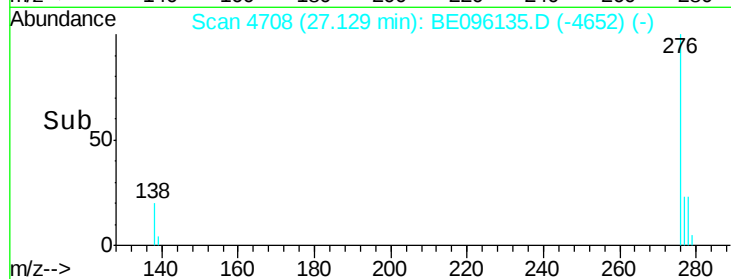
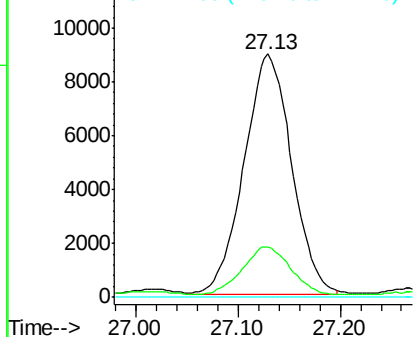
#24

Indeno(1,2,3-cd)pyrene
Concen: 1.152 ng/ul m
RT: 27.13 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.2	28.0	42.0#
227	0.0	8.0	12.0#



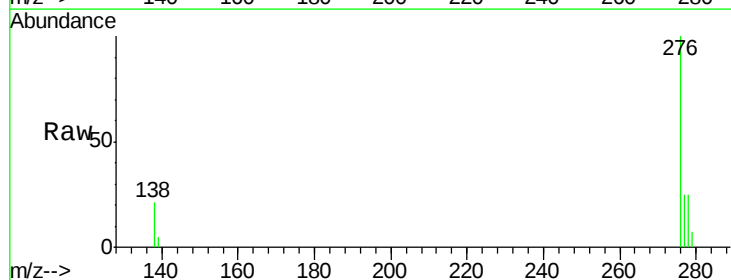
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



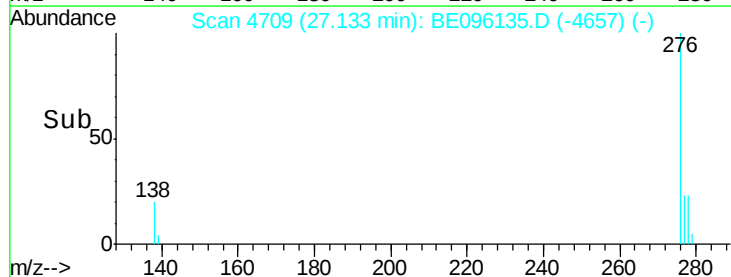
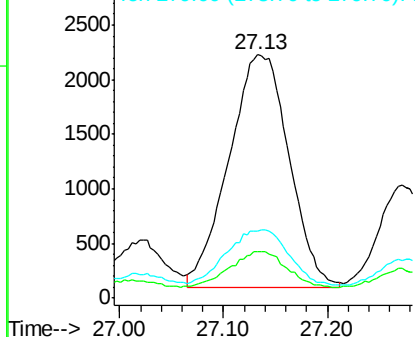
#25

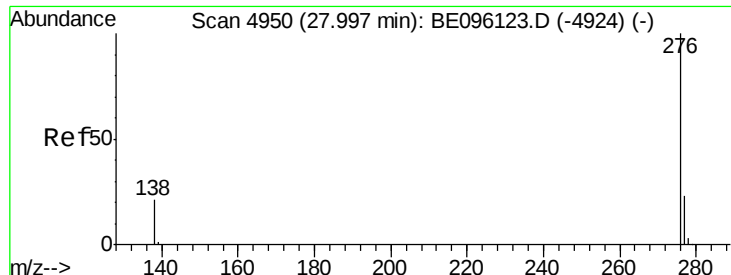
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul m
RT: 27.13 min Scan# 4709
Delta R.T. -0.02 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	17.4	26.0
279	27.3	25.9	38.9



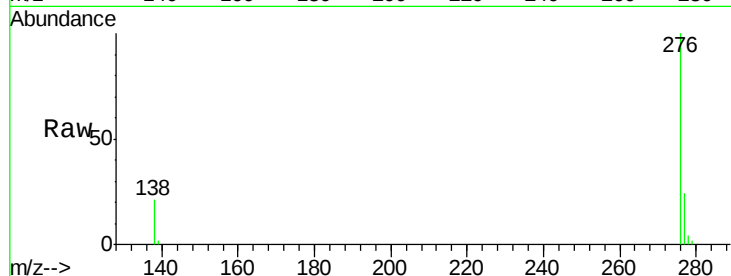
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 0.950 ng/ul m
 RT: 28.00 min Scan# 4951
 Delta R.T. -0.00 min
 Lab File: BE096135.D
 Acq: 25 Apr 2018 00:32

Tgt Ion: 276 Resp: 20768
 Ion Ratio Lower Upper
 276 100
 138 20.9 21.8 32.8#
 277 24.0 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

