

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096158.D
 Acq On : 25 Apr 2018 21:16
 Operator : SJ/JU
 Sample : J2434-06DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 05:08:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

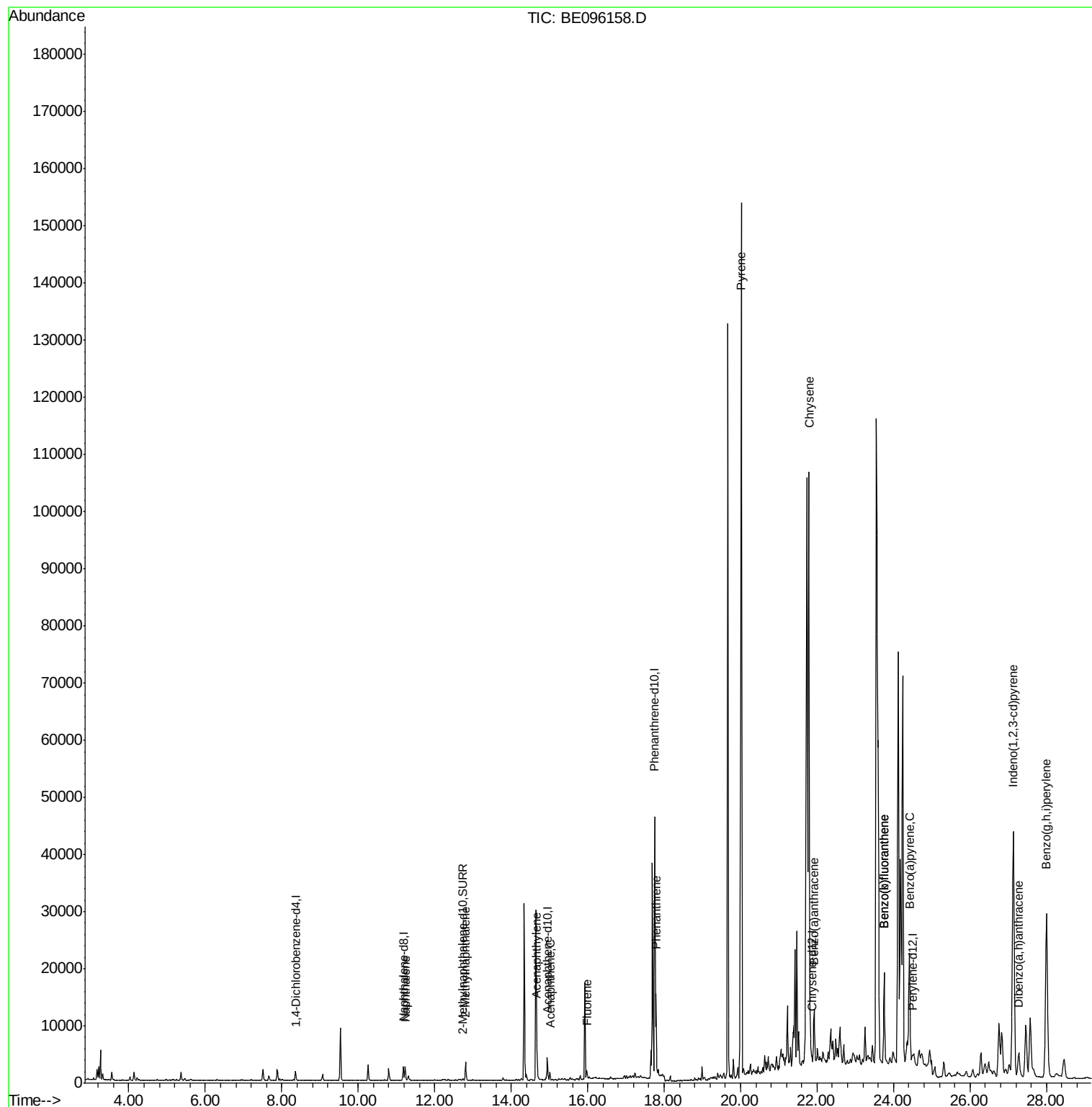
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	811	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3270	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2127	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	52794	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	52	0.40	ng/ul	0.12
20) Perylene-d12	24.49	264	1196	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	254	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	107	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3280	0.360	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	2652	0.435	ng/ul	100
7) Acenaphthylene	14.68	152	7159	0.653	ng/ul	98
8) Acenaphthene	15.01	153	771	0.098	ng/ul#	89
9) Fluorene	15.98	166	1260	0.120	ng/ul	89
12) Phenanthrene	17.79	178	16779	0.108	ng/ul#	89
17) Pyrene	20.02	202	91511	877.213	ng/ul#	78
18) Benzo(a)anthracene	21.92	228	8364	53.128	ng/ul#	51
19) Chrysene	21.79	228	122365	845.860	ng/ul	97
21) Benzo(b)fluoranthene	23.76	252	23662	5.225	ng/ul	91
22) Benzo(k)fluoranthene	23.76	252	23662	5.466	ng/ul#	93
23) Benzo(a)pyrene	24.41	252	26764	6.803	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.13	276	74396	14.034	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.27	278	7422	1.672	ng/ul	99
26) Benzo(g,h,i)perylene	28.00	276	66447	14.400	ng/ul#	92

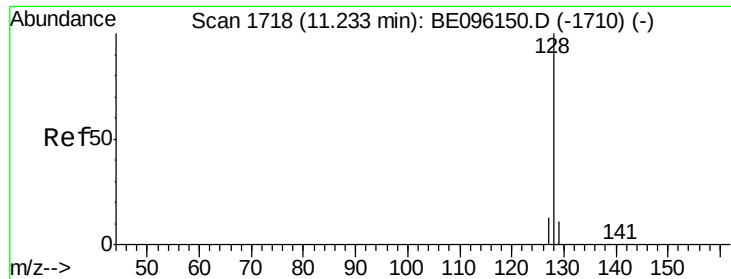
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.360 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

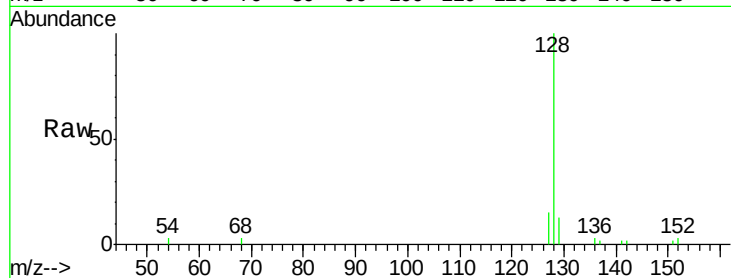
Tot Ion:128 Resp: 3280

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

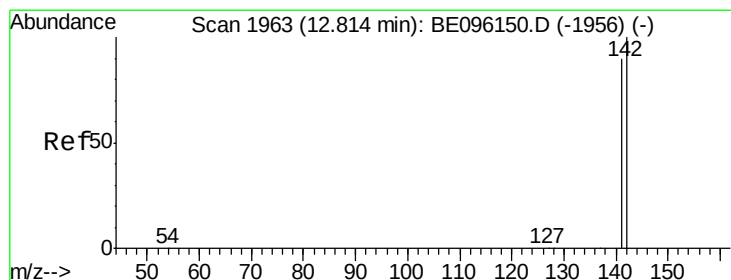
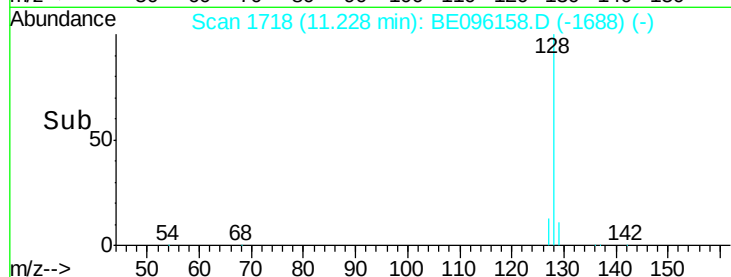
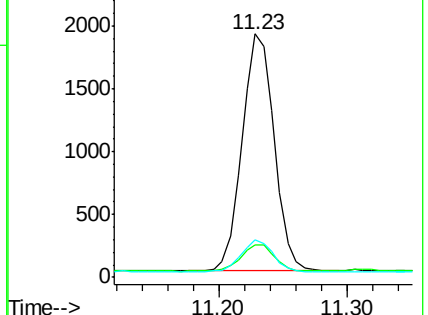
127 15.3 4.0 6.0#



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: 0.435 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE096158.D

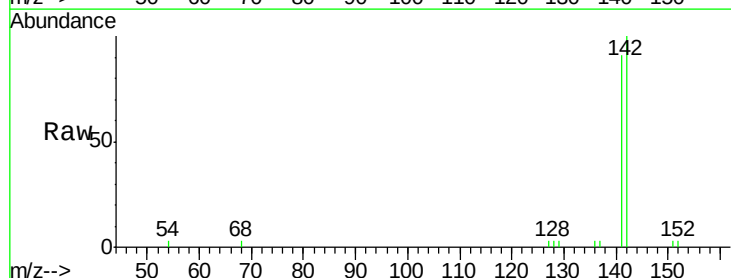
Acq: 25 Apr 2018 21:16

Tgt Ion:142 Resp: 2652

Ion Ratio Lower Upper

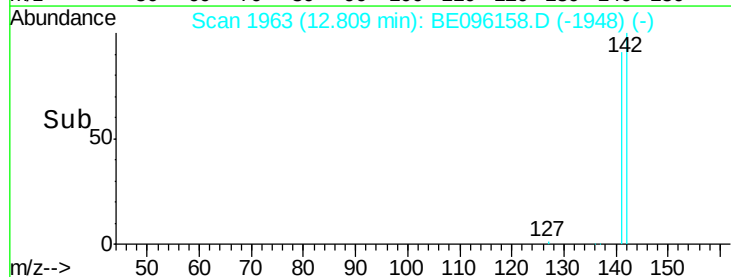
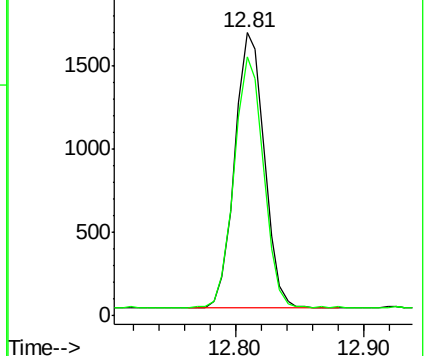
142 100

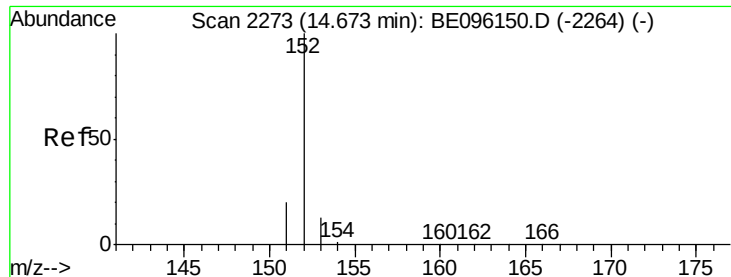
141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.653 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

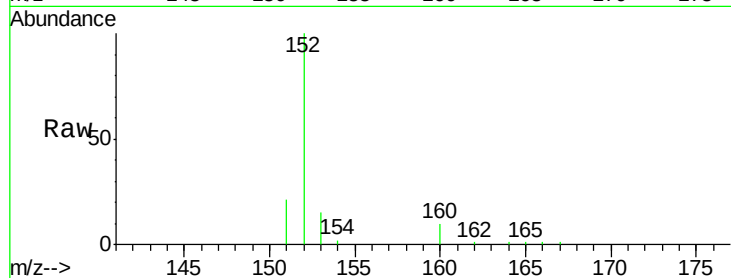
Tot Ion:152 Resp: 7159

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

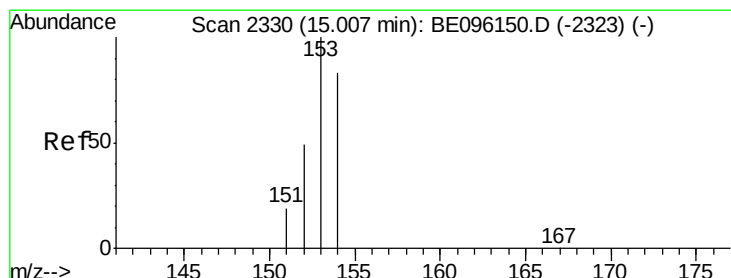
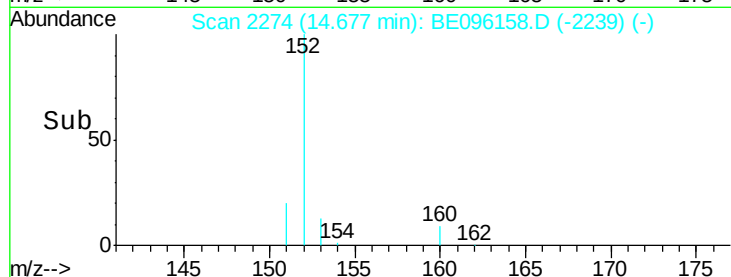
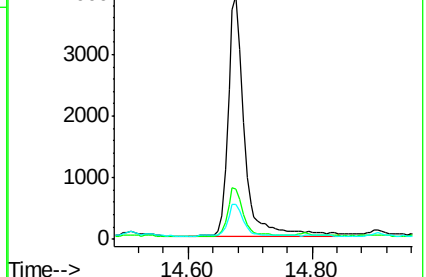
153 14.5 12.8 19.2



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: 0.098 ng/ul

RT: 15.01 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

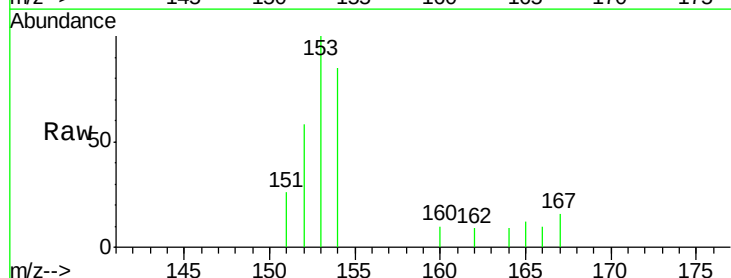
Tgt Ion:153 Resp: 771

Ion Ratio Lower Upper

153 100

152 58.3 36.0 54.0#

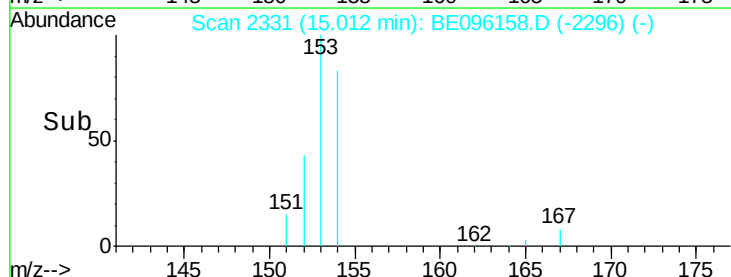
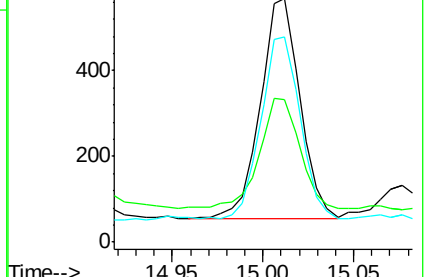
154 84.5 72.0 108.0

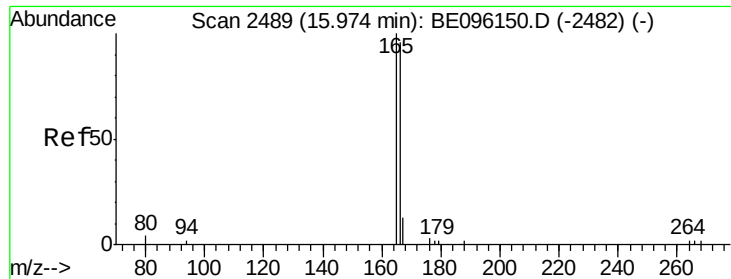


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.120 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

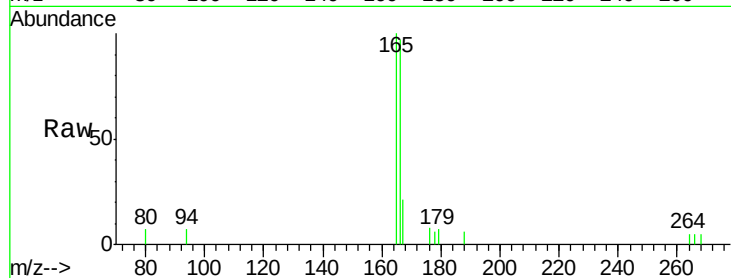
Tot Ion:166 Resp: 1260

Ion Ratio Lower Upper

166 100

165 103.4 73.4 110.2

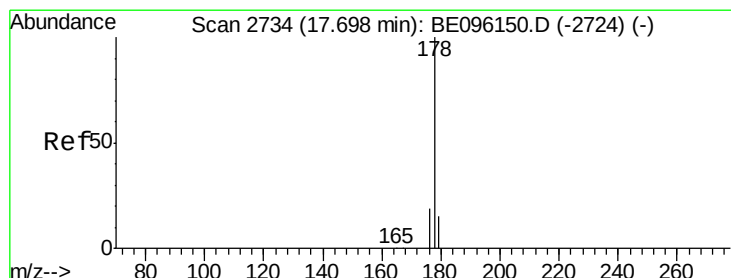
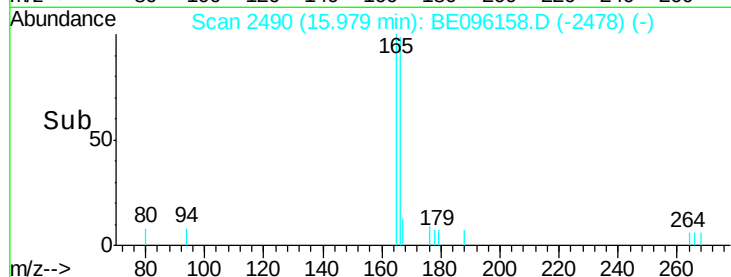
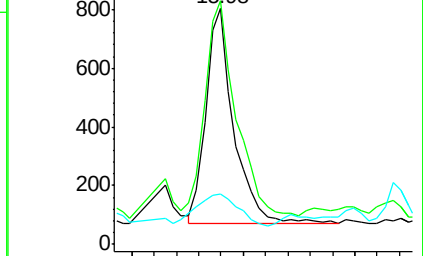
167 21.4 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.108 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. 0.09 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

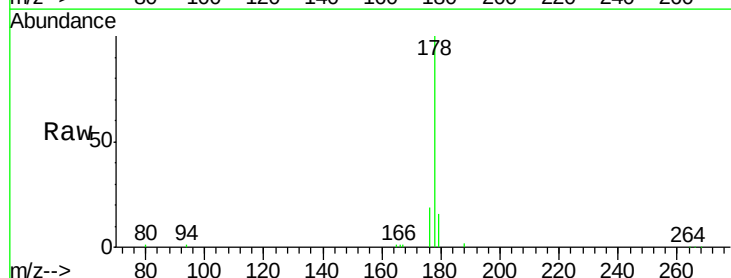
Tgt Ion:178 Resp: 16779

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

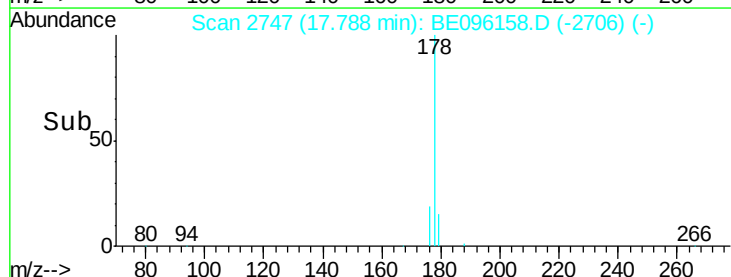
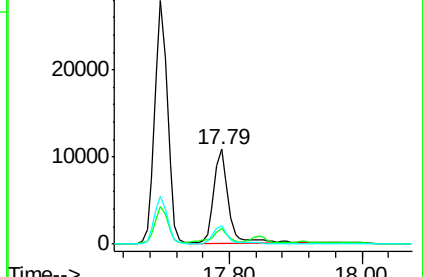
176 19.4 13.6 20.4

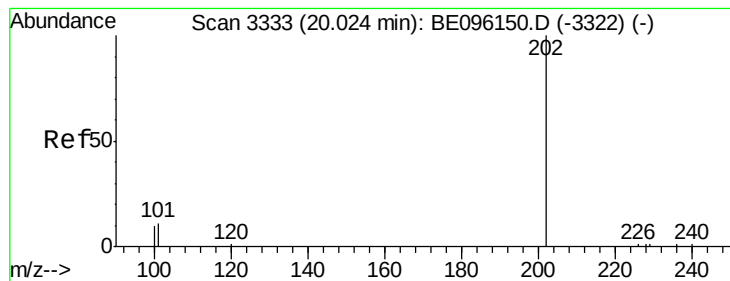


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Pvrene

Concen: 877.213 ng/ul

RT: 20.02 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

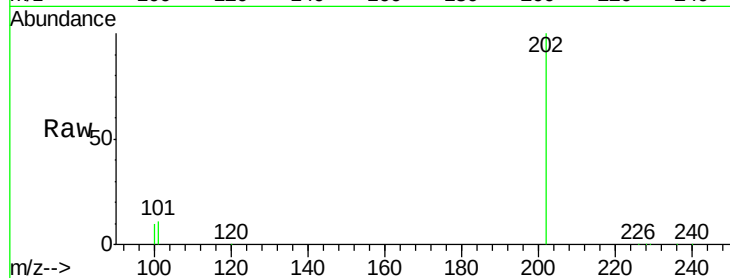
Tot Ion:202 Resp: 91511

Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

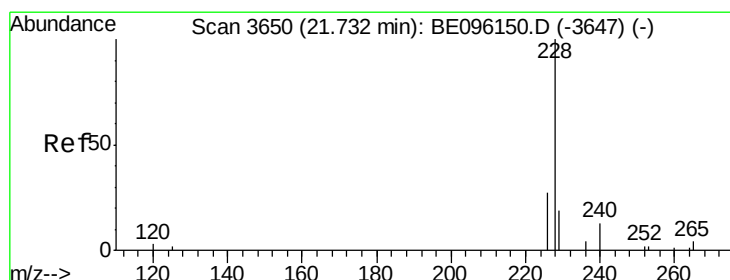
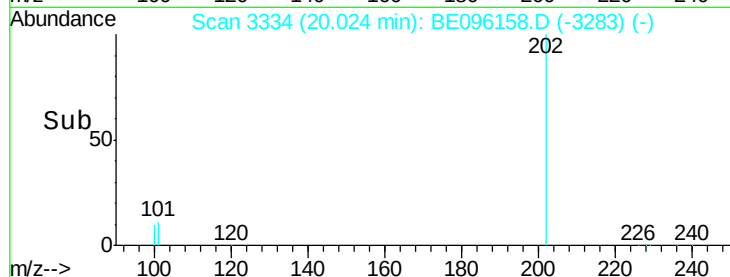
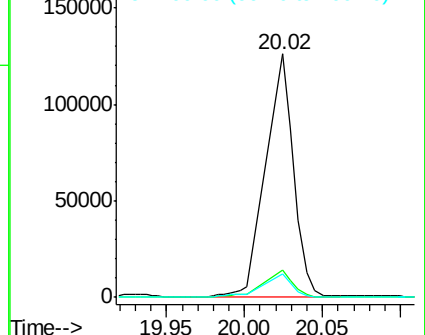
100 9.9 15.6 23.4#



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: 53.128 ng/ul

RT: 21.92 min Scan# 3678

Delta R.T. 0.19 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

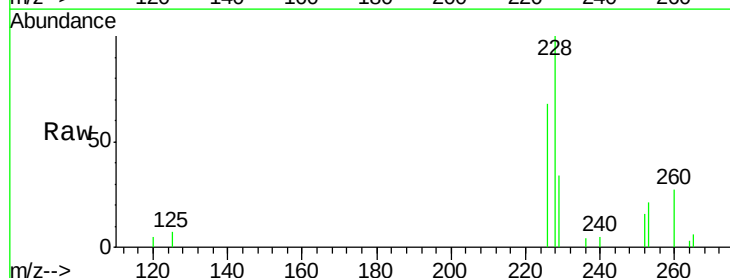
Tgt Ion:228 Resp: 8364

Ion Ratio Lower Upper

228 100

229 34.5 22.8 34.2#

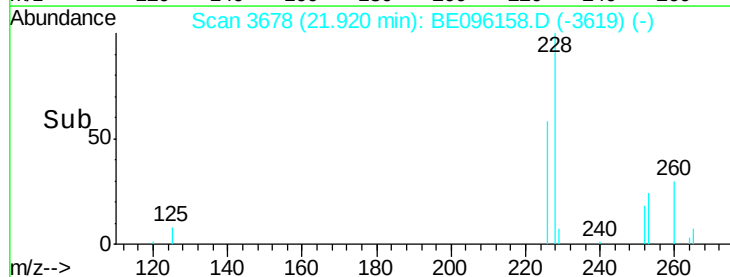
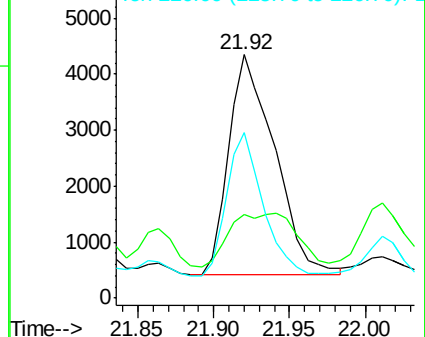
226 67.9 17.0 25.6#

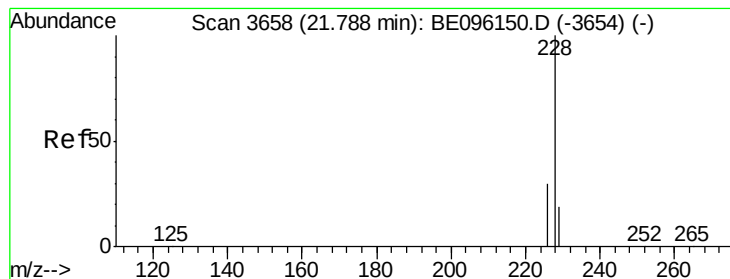


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 845.860 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

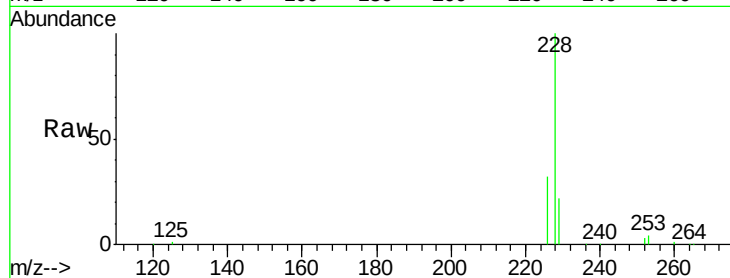
Tot Ion:228 Resp: 122365

Ion Ratio Lower Upper

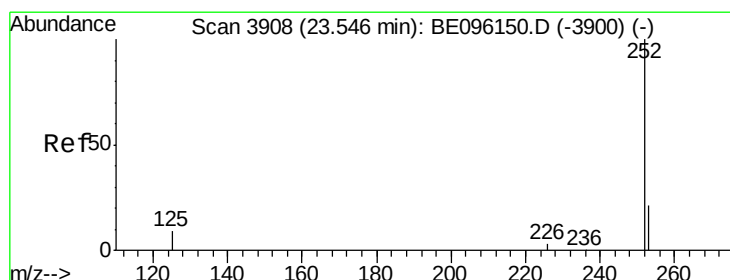
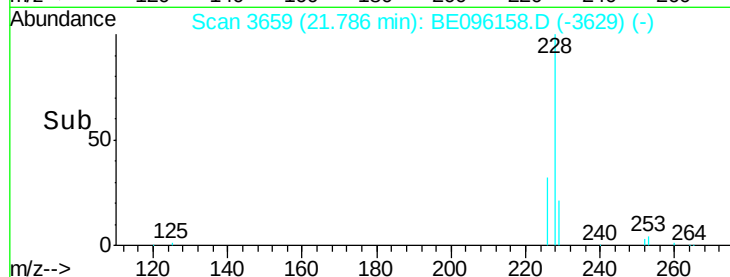
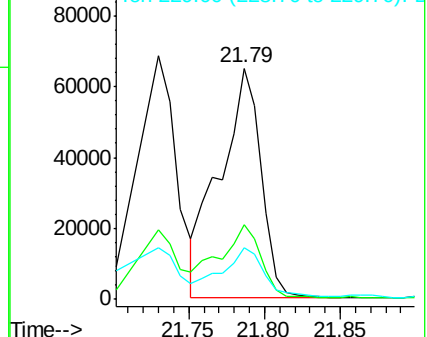
228 100

226 32.3 23.4 35.0

229 22.2 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: 5.225 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.21 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

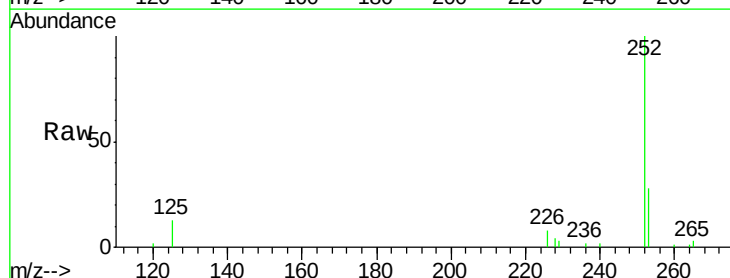
Tgt Ion:252 Resp: 23662

Ion Ratio Lower Upper

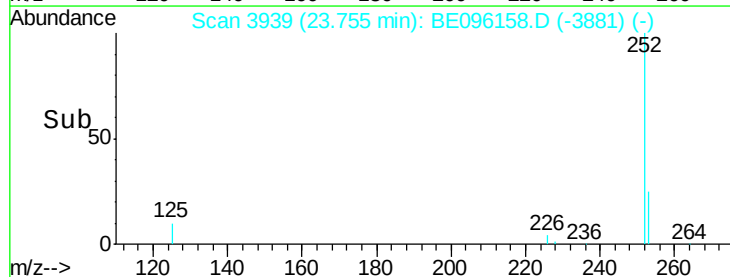
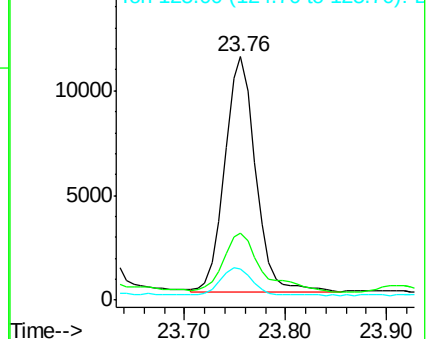
252 100

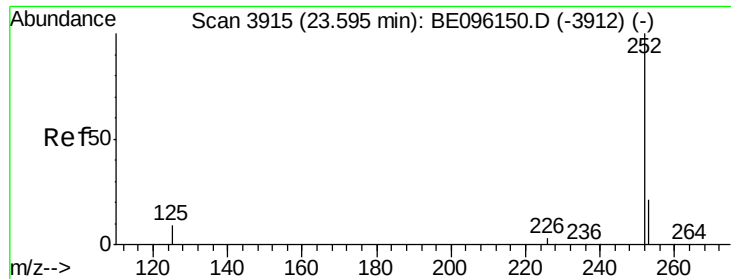
253 27.8 0.0 64.2

125 12.8 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: 5.466 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.16 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

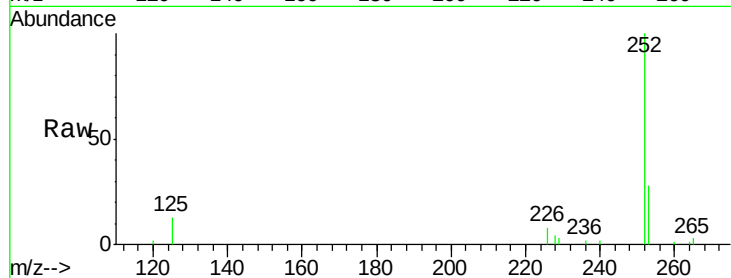
Tot Ion:252 Resp: 23662

Ion Ratio Lower Upper

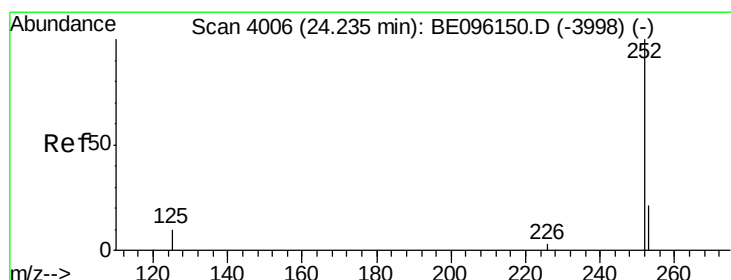
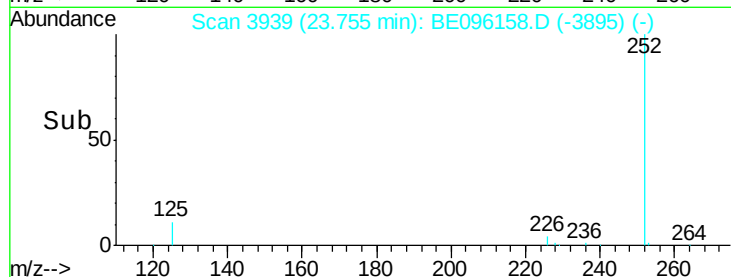
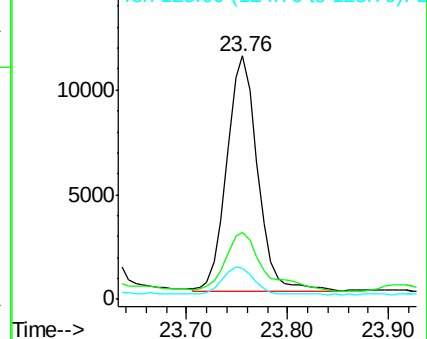
252 100

253 27.8 24.5 36.7

125 12.8 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: 6.803 ng/ul

RT: 24.41 min Scan# 4032

Delta R.T. 0.17 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

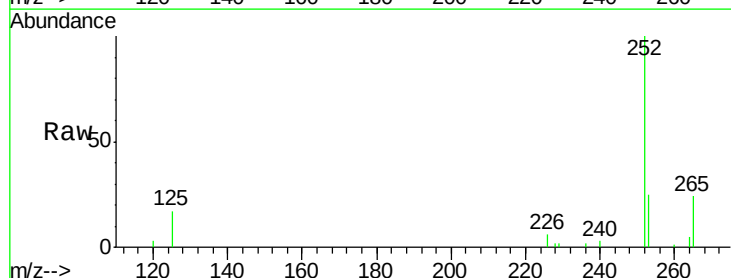
Tgt Ion:252 Resp: 26764

Ion Ratio Lower Upper

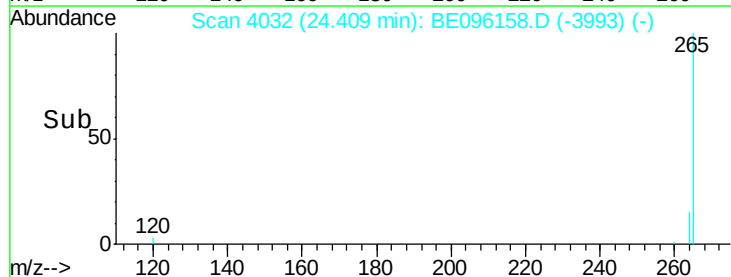
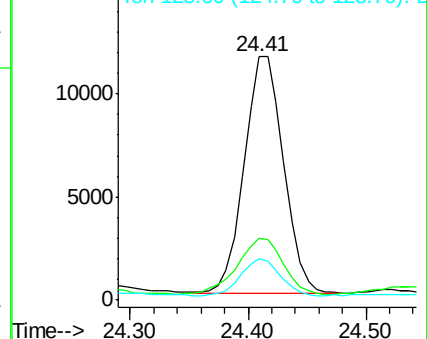
252 100

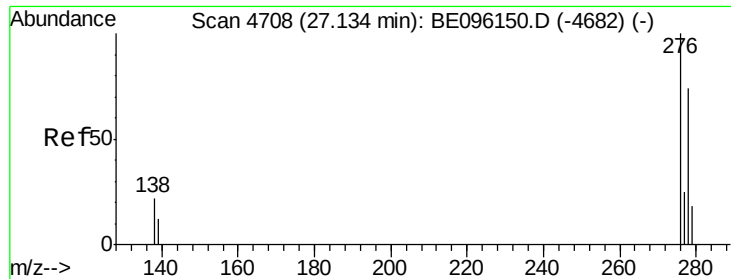
253 25.4 28.5 42.7#

125 16.9 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

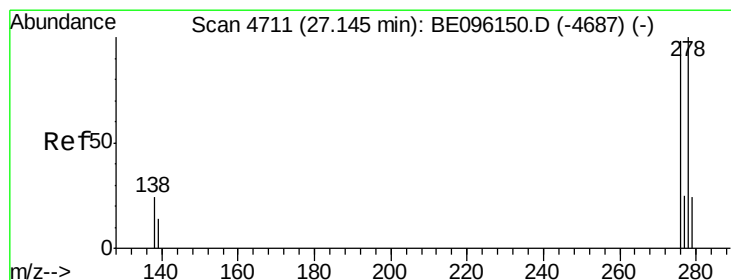
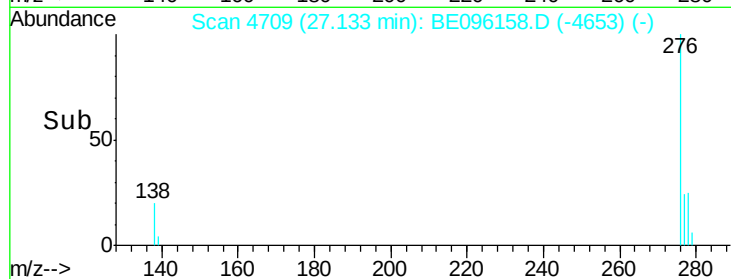
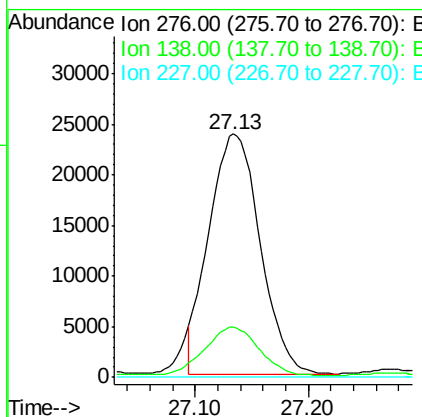
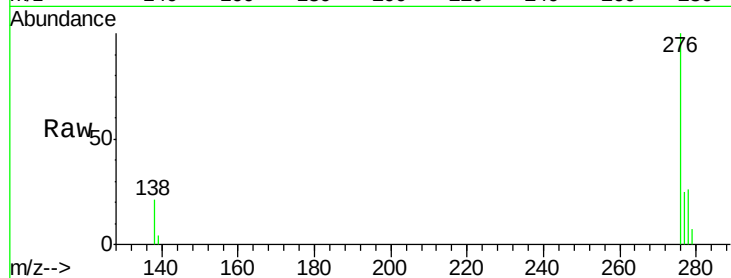




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 14.034 ng/ul
 RT: 27.13 min Scan# 4709
 Delta R.T. -0.00 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

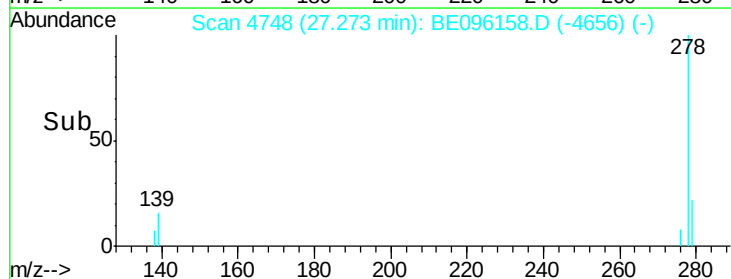
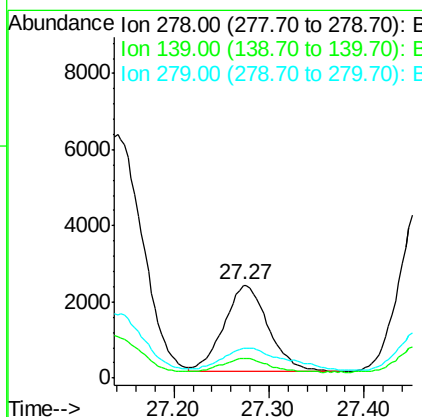
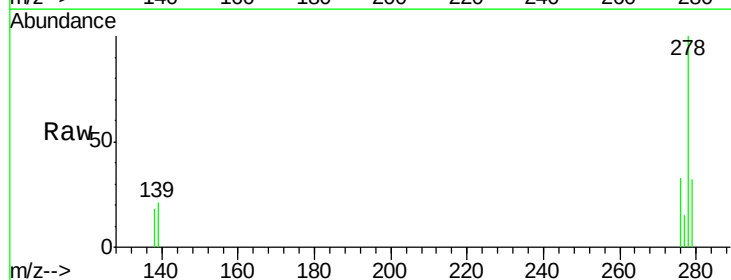
Instrument :
 BNA_E
 ClientSampleId :

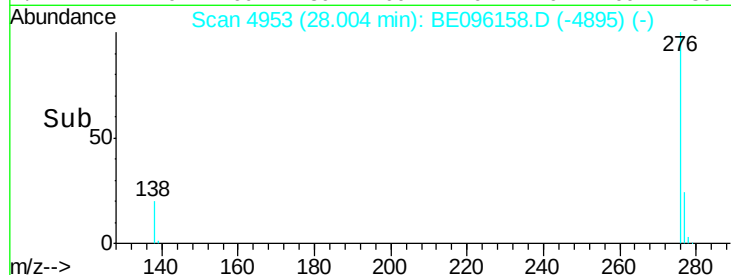
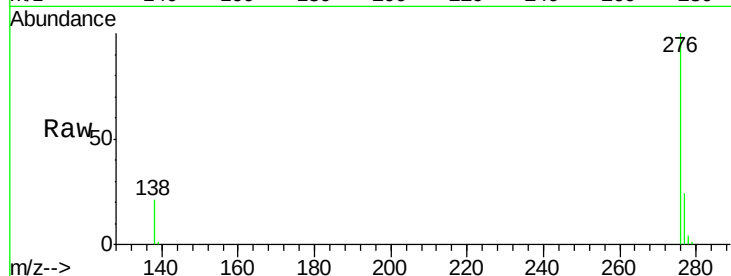
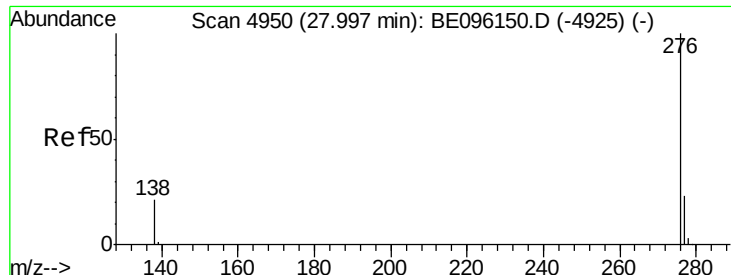
Tot Ion:276 Resp: 74396
 Ion Ratio Lower Upper
 276 100
 138 20.4 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 1.672 ng/ul
 RT: 27.27 min Scan# 4748
 Delta R.T. 0.13 min
 Lab File: BE096158.D
 Acq: 25 Apr 2018 21:16

Tgt Ion:278 Resp: 7422
 Ion Ratio Lower Upper
 278 100
 139 20.6 17.4 26.0
 279 32.0 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 14.400 ng/ul

RT: 28.00 min Scan# 4953

Delta R.T. 0.01 min

Lab File: BE096158.D

Acq: 25 Apr 2018 21:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:276 Resp: 66447

Ion Ratio Lower Upper

276 100

138 20.5 21.8 32.8#

277 24.3 20.5 30.7

