

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096005.D
 Acq On : 16 Apr 2018 12:24
 Operator : SJ/JU
 Sample : J2313-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 16 14:34:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration

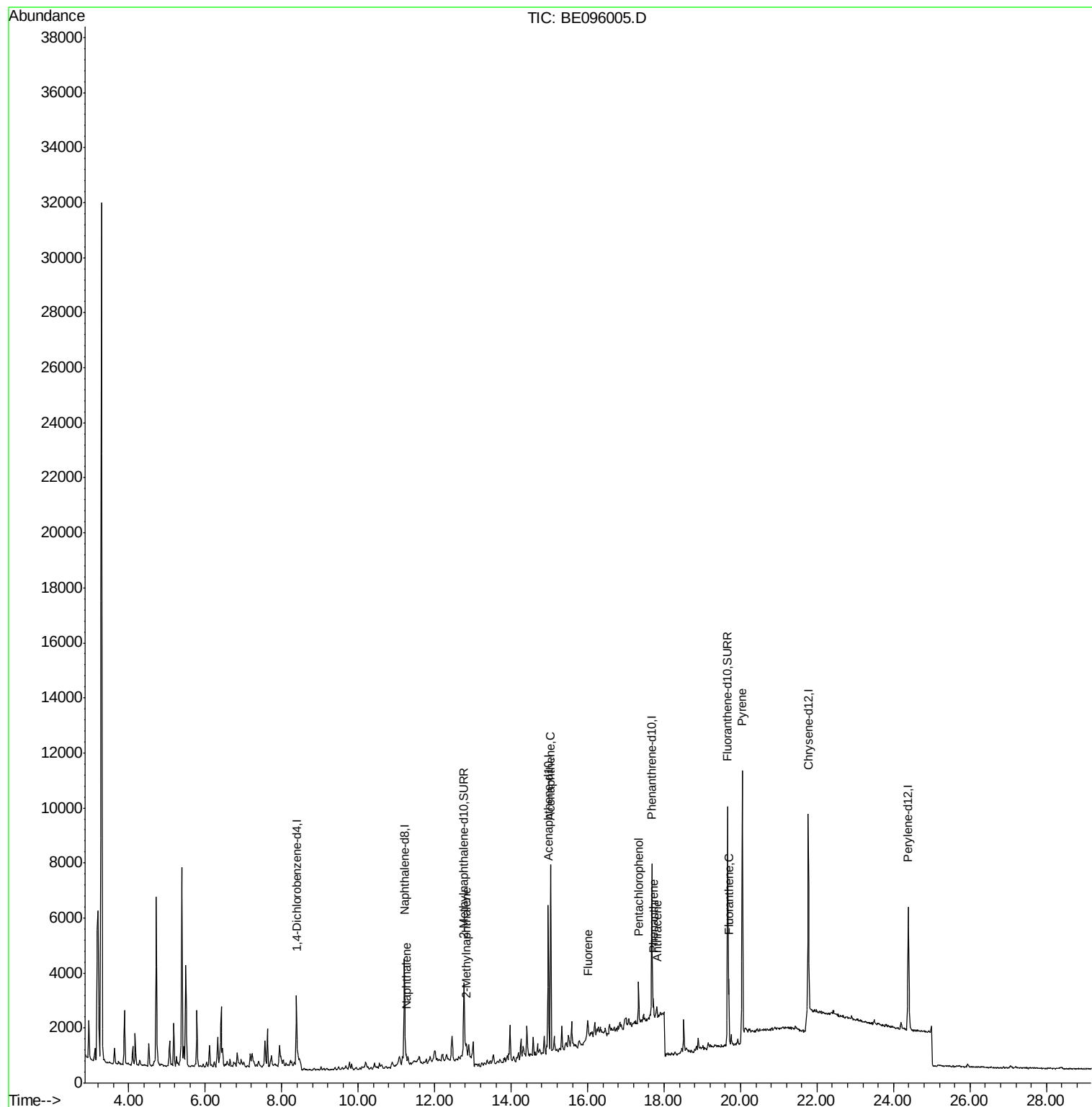
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1927	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6588	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6807	0.40	ng/ul	0.00
20) Perylene-d12	24.39	264	6614	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3333	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	9341	0.34	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.26	128	332	0.023	ng/ul#	31
5) 2-Methylnaphthalene	12.83	142	197	0.020	ng/ul	89
8) Acenaphthene	15.03	153	3973	0.376	ng/ul	93
9) Fluorene	16.00	166	486	0.041	ng/ul#	80
11) Pentachlorophenol	17.33	266	744	0.534	ng/ul	95
12) Phenanthrene	17.72	178	815	0.042	ng/ul#	45
13) Anthracene	17.81	178	514	0.027	ng/ul#	39
15) Fluoranthene	19.69	202	2687	0.102	ng/ul	84
17) Pyrene	20.05	202	11961	0.517	ng/ul#	81

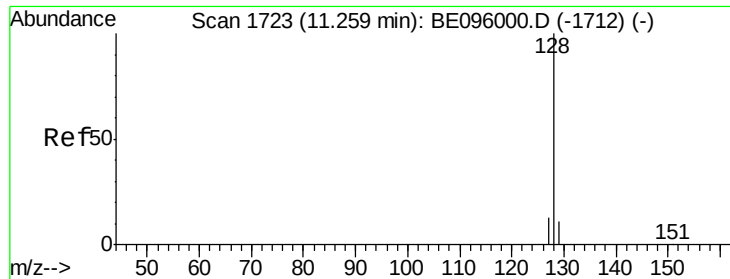
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 11.26 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE096005.D

Acq: 16 Apr 2018 12:24

Instrument :

BNA_E

ClientSampleId :

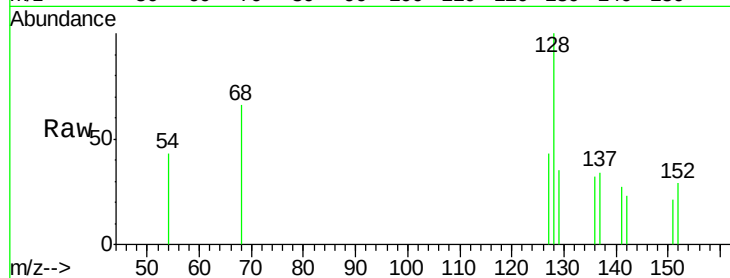
Tot Ion:128 Resp: 332

Ion Ratio Lower Upper

128 100

129 35.2 11.3 16.9#

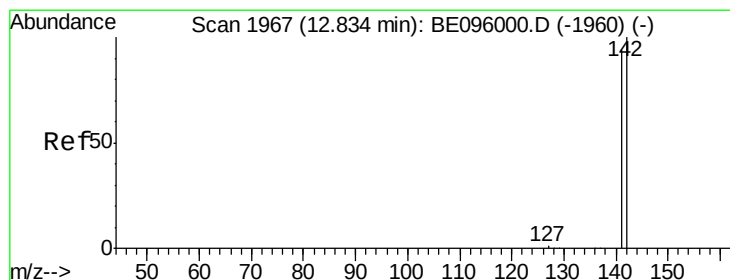
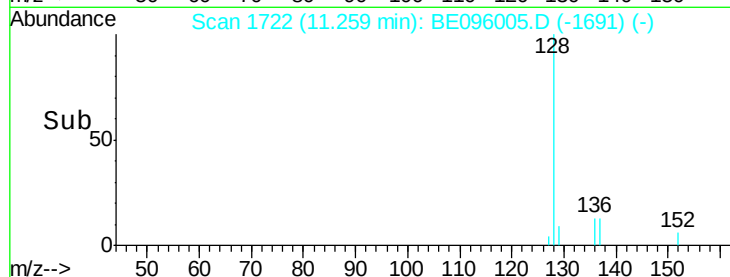
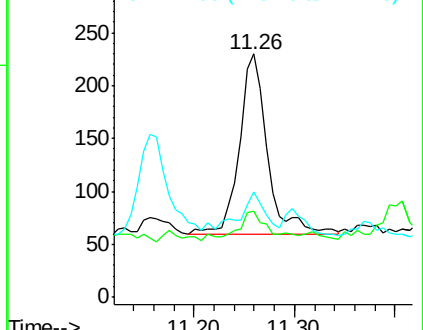
127 43.5 4.0 6.0#



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: 0.020 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BE096005.D

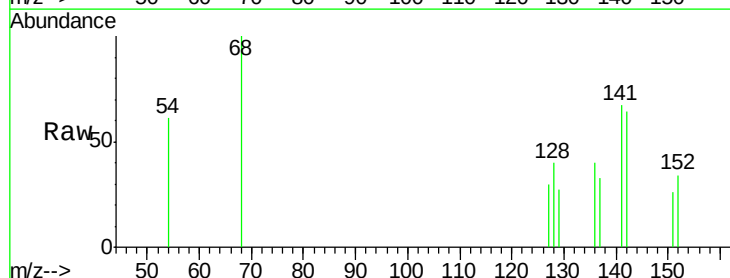
Acq: 16 Apr 2018 12:24

Tgt Ion:142 Resp: 197

Ion Ratio Lower Upper

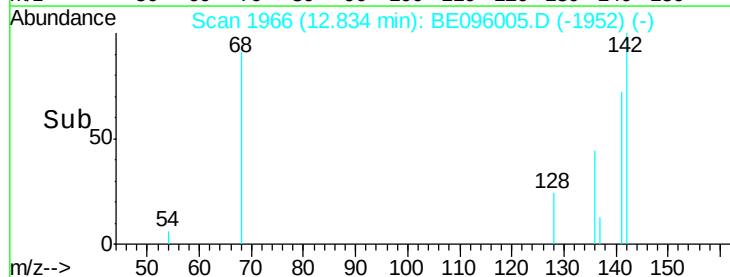
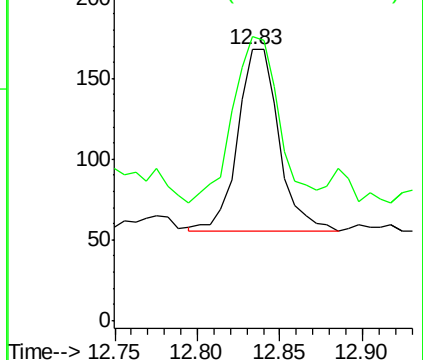
142 100

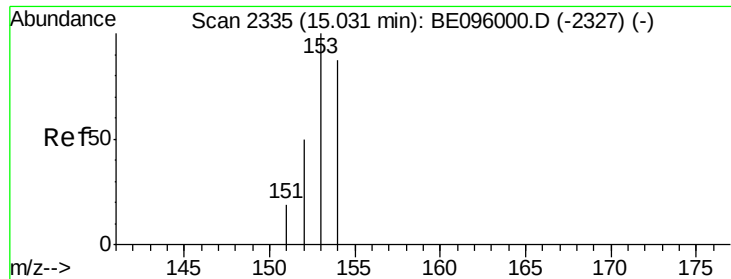
141 101.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.376 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BE096005.D

Acq: 16 Apr 2018 12:24

Instrument :

BNA_E

ClientSampleId :

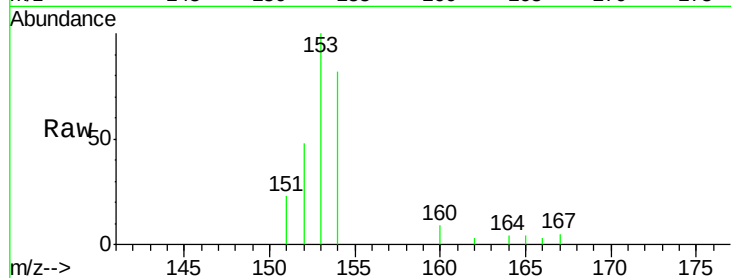
Tot Ion:153 Resp: 3973

Ion Ratio Lower Upper

153 100

152 48.2 36.0 54.0

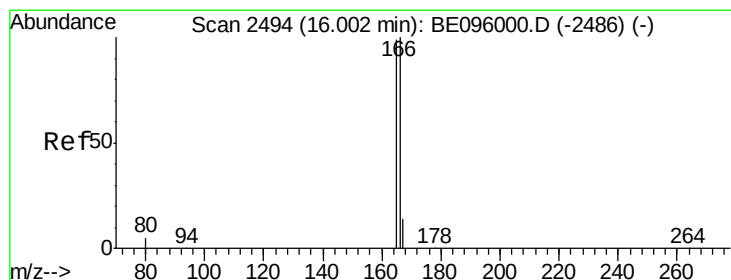
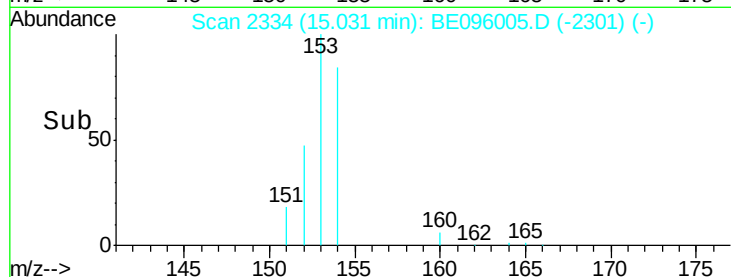
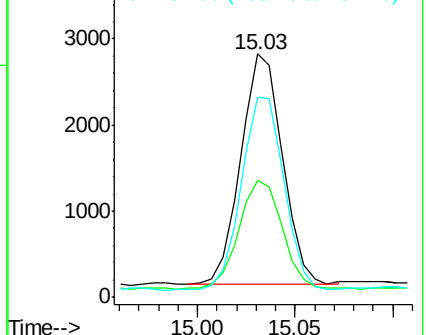
154 82.1 72.0 108.0



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: 0.041 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096005.D

Acq: 16 Apr 2018 12:24

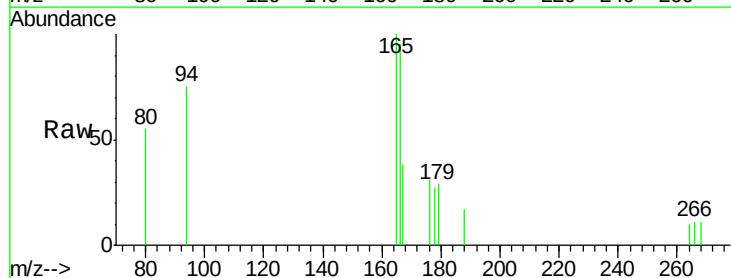
Tgt Ion:166 Resp: 486

Ion Ratio Lower Upper

166 100

165 105.1 73.4 110.2

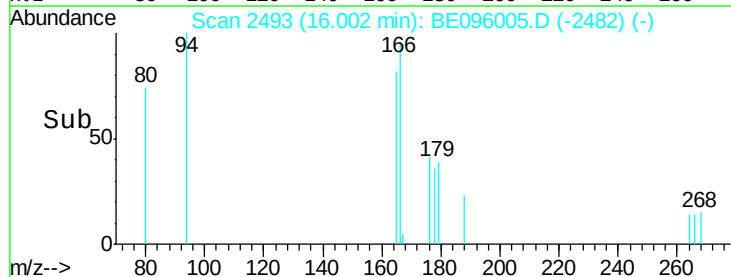
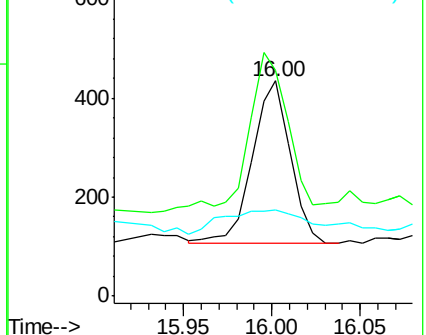
167 40.2 14.6 22.0#

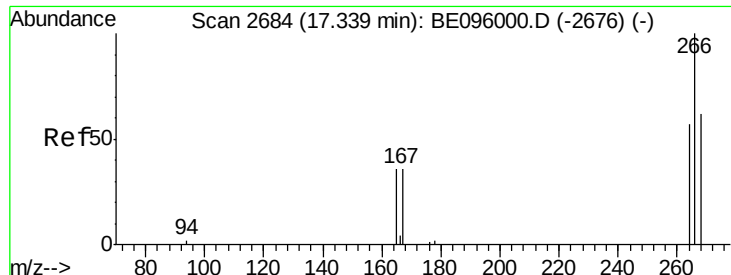


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

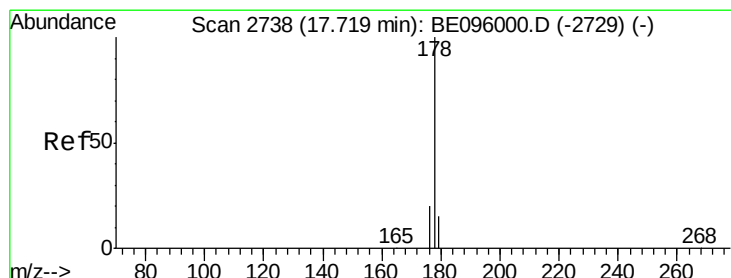
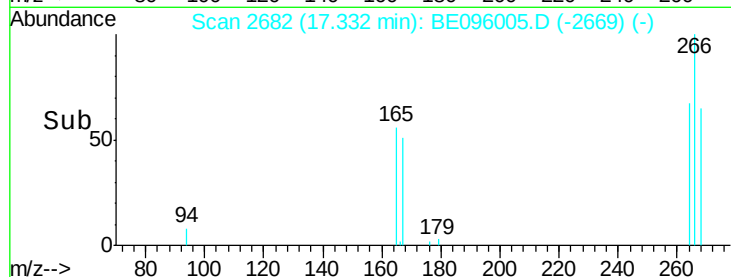
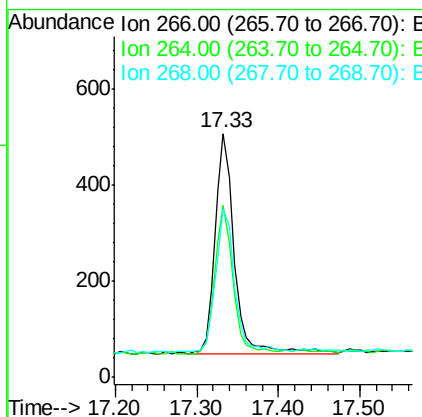
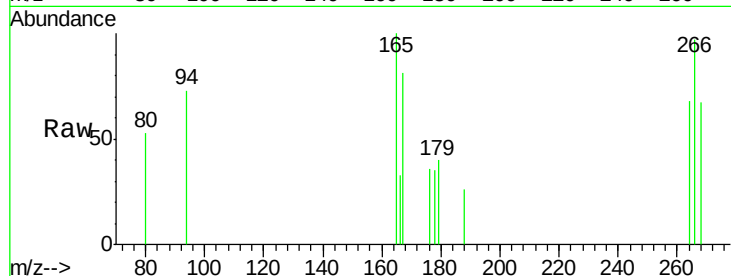




#11
 Pentachlorophenol
 Concen: 0.534 ng/ul
 RT: 17.33 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BE096005.D
 Acq: 16 Apr 2018 12:24

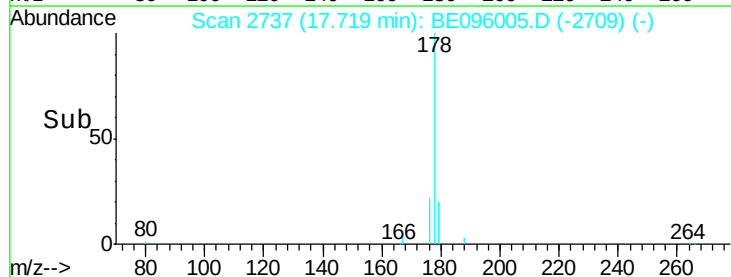
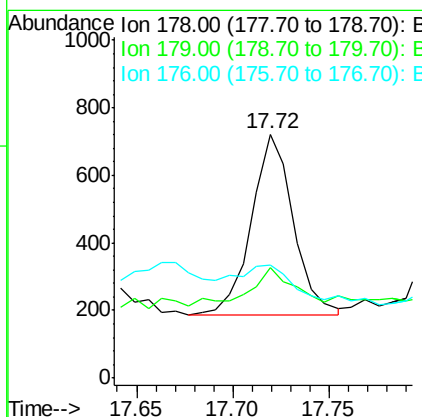
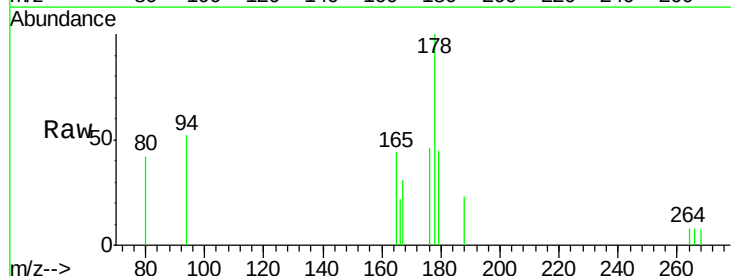
Instrument :
 BNA_E
 ClientSampleId :

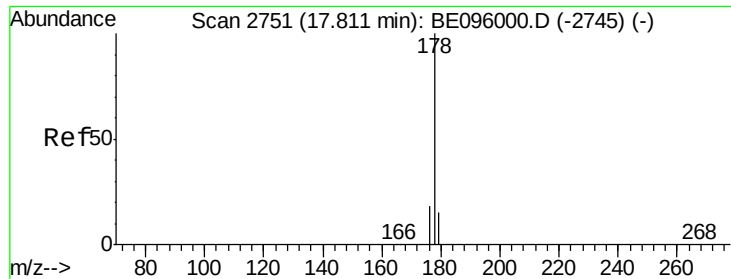
Tot Ion:266 Resp: 744
 Ion Ratio Lower Upper
 266 100
 264 64.9 47.9 71.9
 268 65.5 49.8 74.8



#12
 Phenanthrene
 Concen: 0.042 ng/ul
 RT: 17.72 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BE096005.D
 Acq: 16 Apr 2018 12:24

Tgt Ion:178 Resp: 815
 Ion Ratio Lower Upper
 178 100
 179 45.2 18.4 27.6#
 176 46.5 13.6 20.4#





#13

Anthracene

Concen: 0.027 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BE096005.D

Acq: 16 Apr 2018 12:24

Instrument :

BNA_E

ClientSampleId :

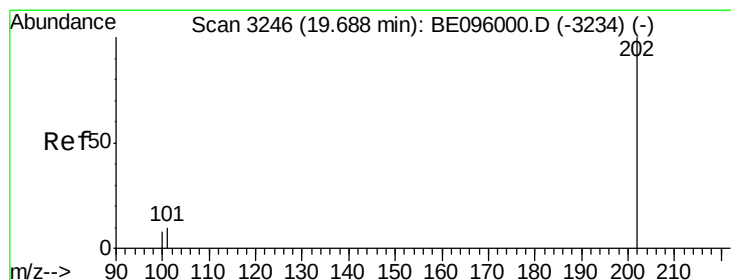
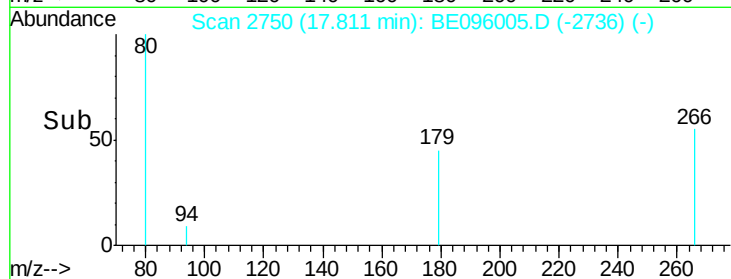
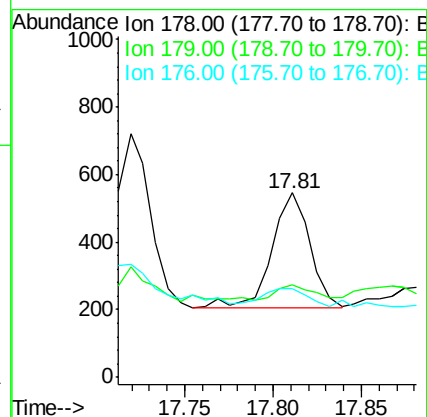
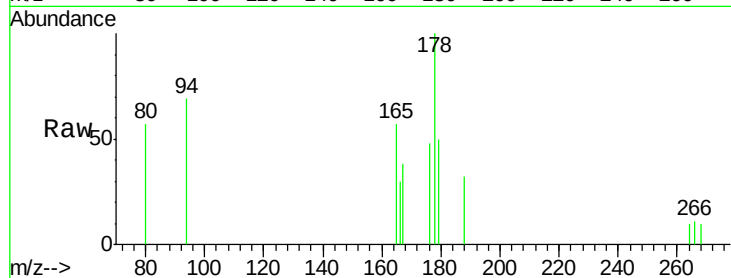
Tot Ion:178 Resp: 514

Ion Ratio Lower Upper

178 100

179 50.2 18.1 27.1#

176 48.0 14.7 22.1#



#15

Fluoranthene

Concen: 0.102 ng/ul

RT: 19.69 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BE096005.D

Acq: 16 Apr 2018 12:24

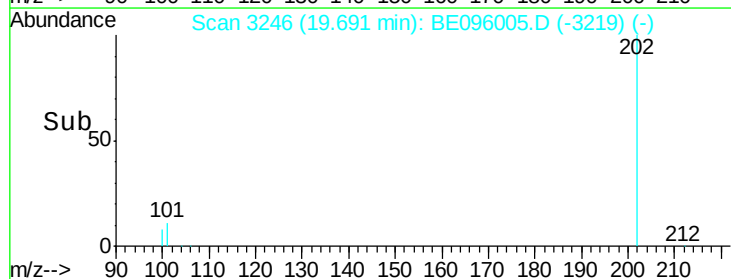
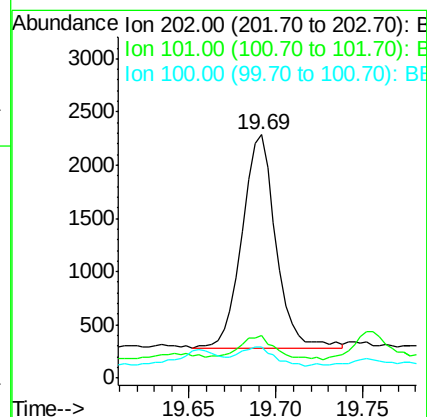
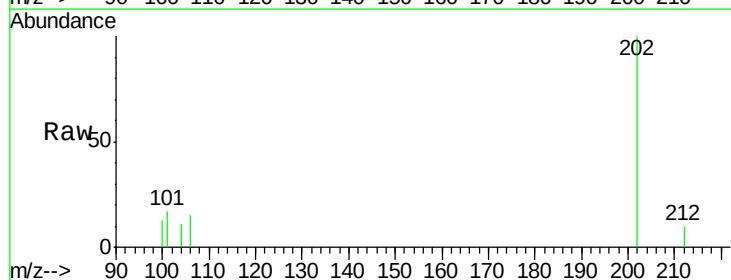
Tgt Ion:202 Resp: 2687

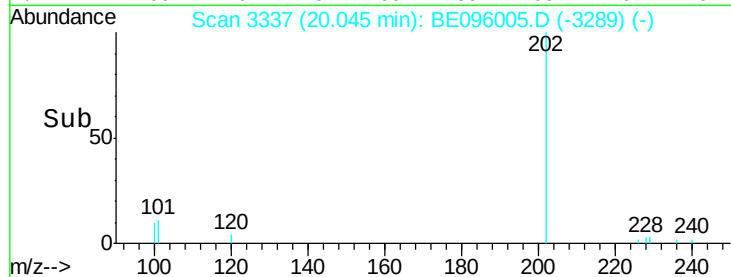
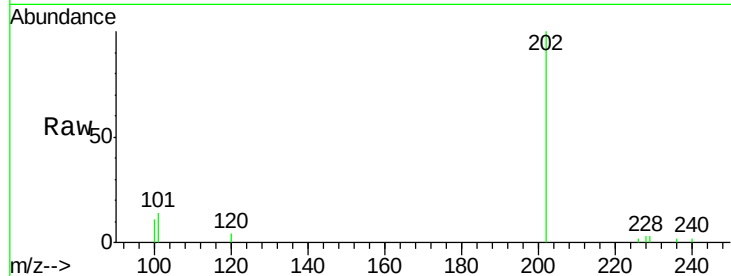
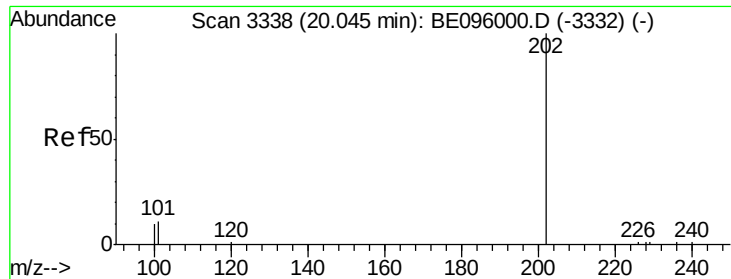
Ion Ratio Lower Upper

202 100

101 17.4 0.0 30.3

100 12.6 0.0 39.5





#17

Pvrene

Concen: 0.517 ng/ul

RT: 20.05 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BE096005.D

Acq: 16 Apr 2018 12:24

Instrument :

BNA_E

ClientSampleId :

Tot Ion:202 Resp: 11961

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

100 11.1 15.6 23.4#

