

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096141.D
 Acq On : 25 Apr 2018 9:07
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 04:14:41 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

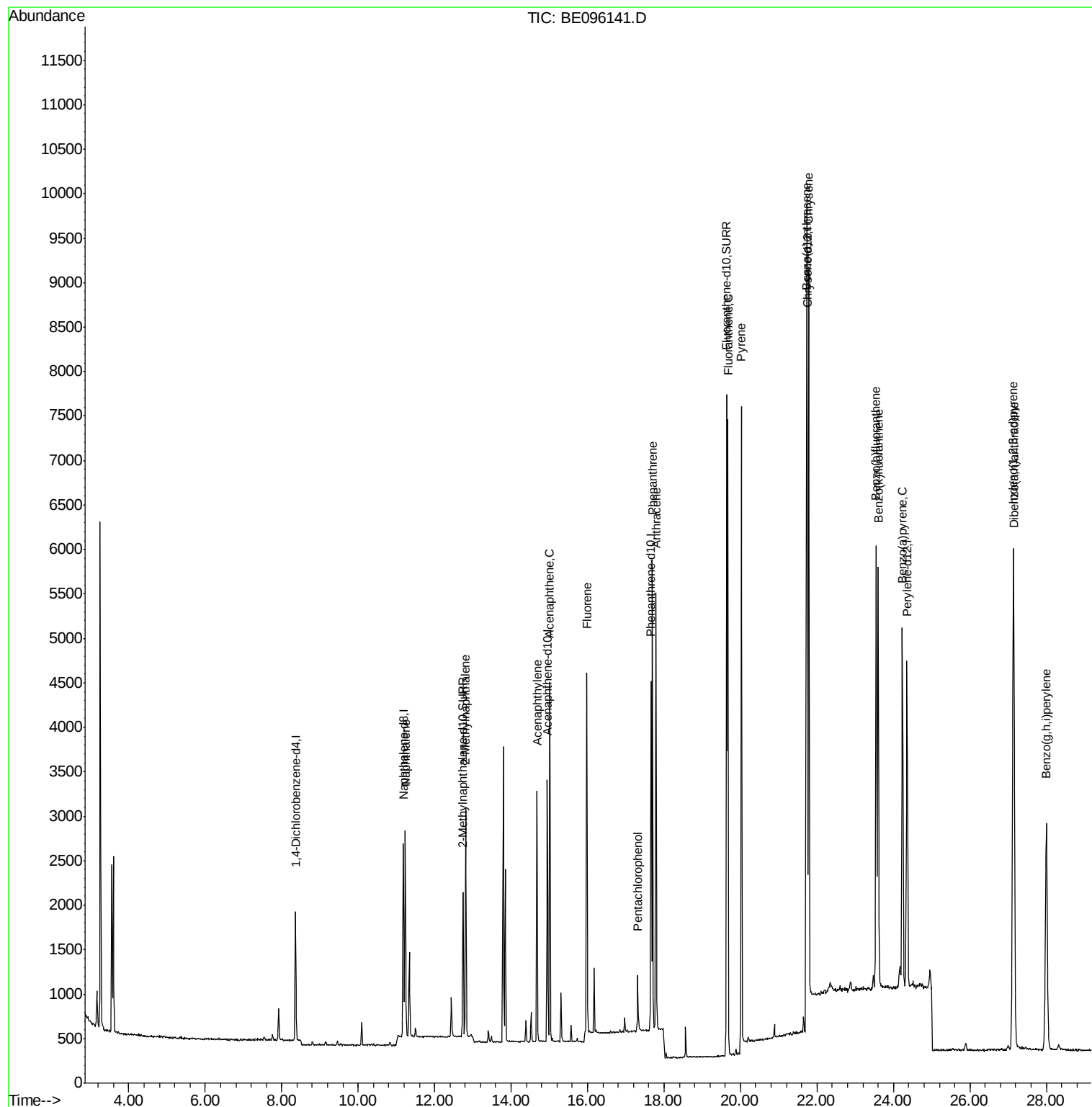
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	740	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2880	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1587	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4495	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	6744	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5268	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2083	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7958	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3165	0.395	ng/ul#	91
5) 2-Methylnaphthalene	12.81	142	2114	0.393	ng/ul	99
7) Acenaphthylene	14.68	152	3269	0.400	ng/ul	98
8) Acenaphthene	15.01	153	2423	0.411	ng/ul	93
9) Fluorene	15.98	166	2753	0.353	ng/ul	94
11) Pentachlorophenol	17.31	266	352	0.325	ng/ul	97
12) Phenanthrene	17.70	178	5280	0.399	ng/ul#	89
13) Anthracene	17.79	178	5194	0.391	ng/ul#	92
15) Fluoranthene	19.67	202	7874	0.389	ng/ul	84
17) Pyrene	20.02	202	4384	0.324	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	5832	0.286	ng/ul#	86
19) Chrysene	21.79	228	7225	0.385	ng/ul	96
21) Benzo(b)fluoranthene	23.54	252	7175	0.360	ng/ul	87
22) Benzo(k)fluoranthene	23.60	252	6778	0.355	ng/ul#	88
23) Benzo(a)pyrene	24.23	252	6602	0.381	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.13	276	7567	0.324	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.15	278	6175	0.316	ng/ul	90
26) Benzo(g,h,i)perylene	28.00	276	6287	0.309	ng/ul	95

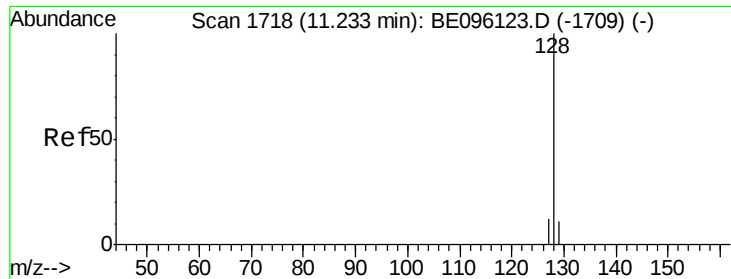
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.395 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

Instrument :

BNA_E

ClientSampleId :

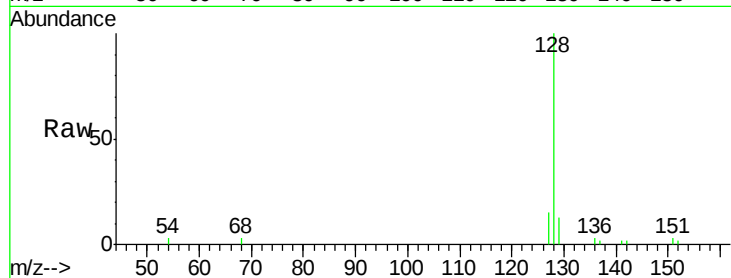
Tot Ion:128 Resp: 3165

Ion Ratio Lower Upper

128 100

129 13.4 11.3 16.9

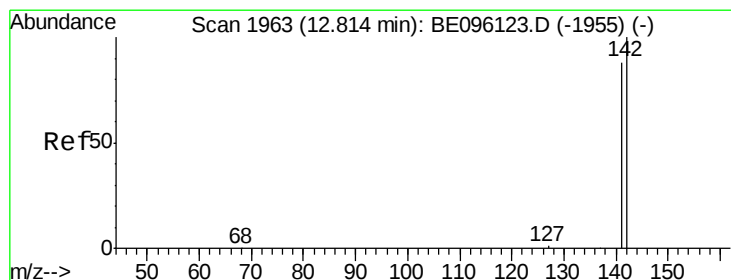
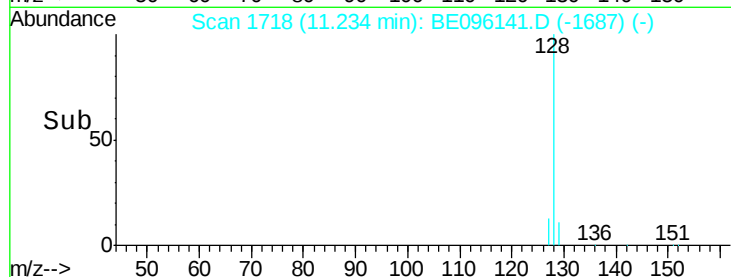
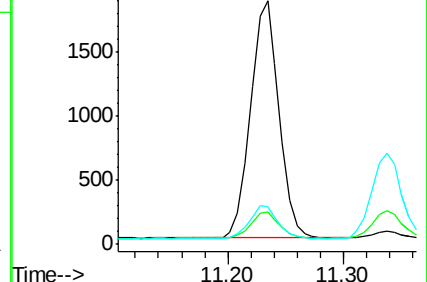
127 15.3 4.0 6.0#



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: 0.393 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE096141.D

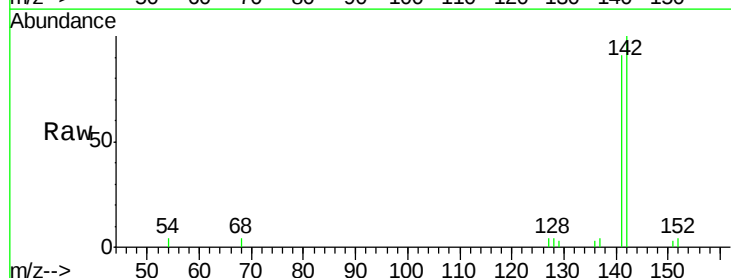
Acq: 25 Apr 2018 9:07

Tgt Ion:142 Resp: 2114

Ion Ratio Lower Upper

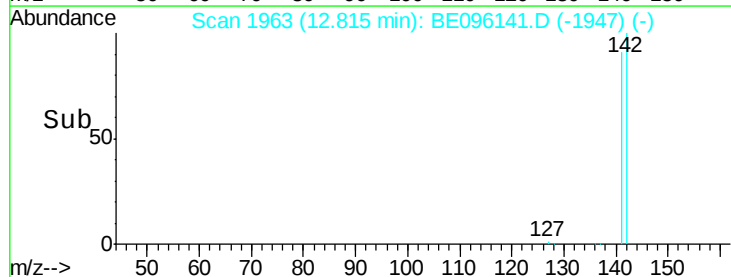
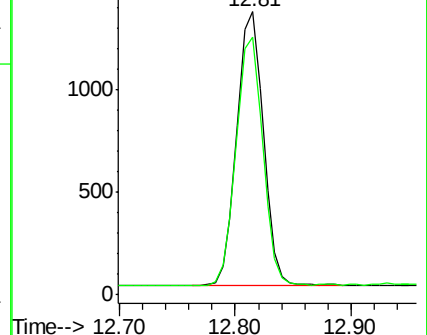
142 100

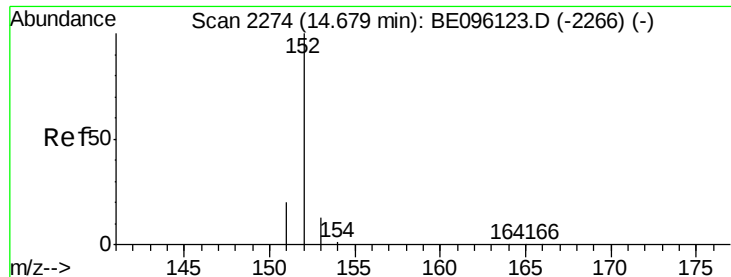
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.400 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

Instrument :

BNA_E

ClientSampleId :

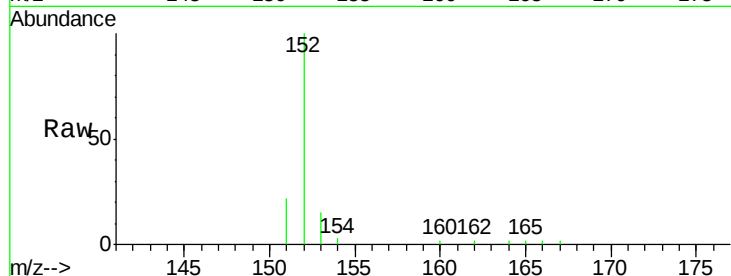
Tot Ion:152 Resp: 3269

Ion Ratio Lower Upper

152 100

151 21.9 17.1 25.7

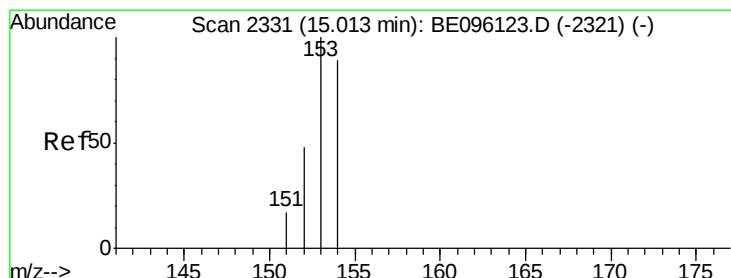
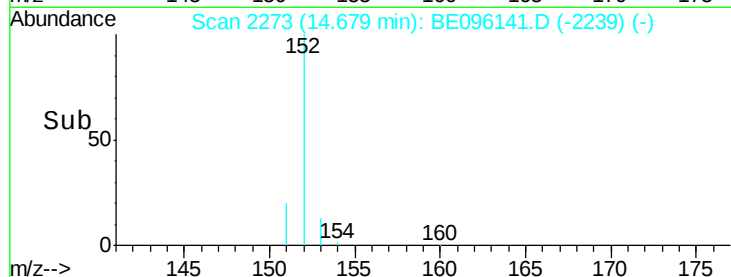
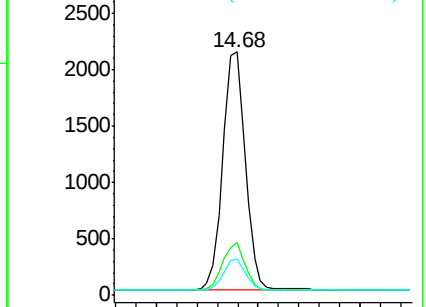
153 14.8 12.8 19.2



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: 0.411 ng/ul

RT: 15.01 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

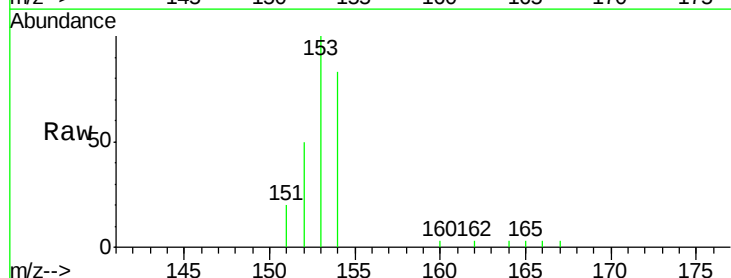
Tgt Ion:153 Resp: 2423

Ion Ratio Lower Upper

153 100

152 50.1 36.0 54.0

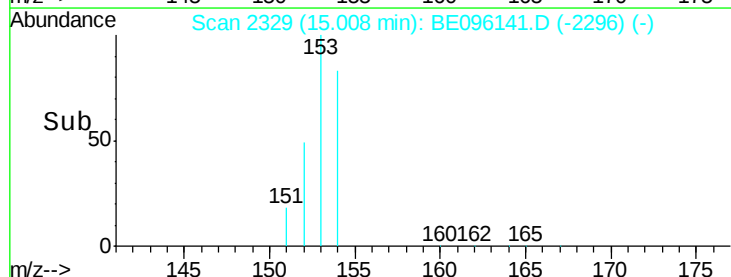
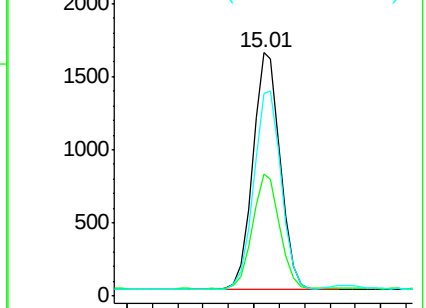
154 83.2 72.0 108.0

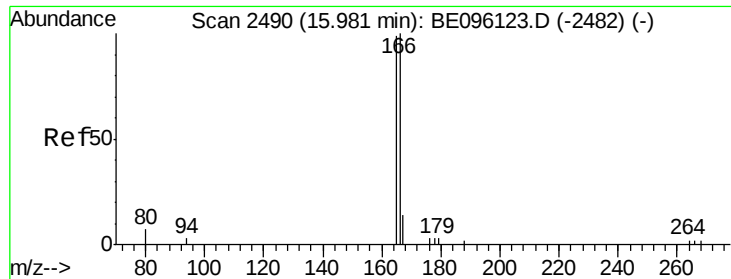


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

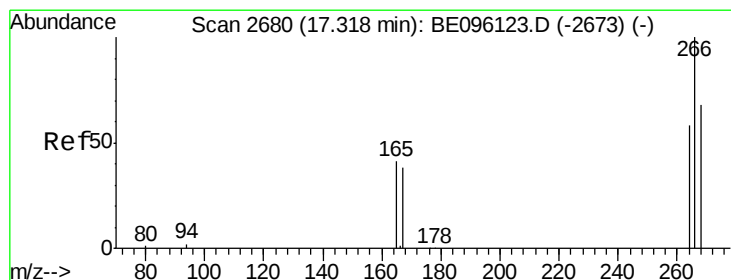
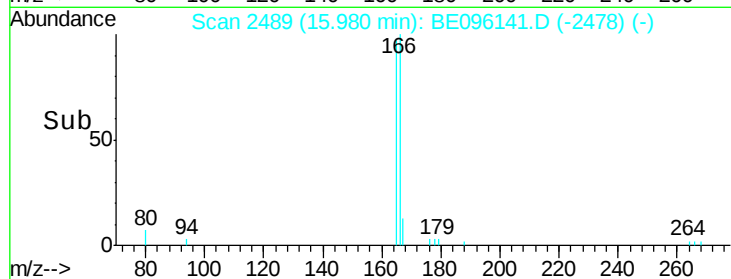
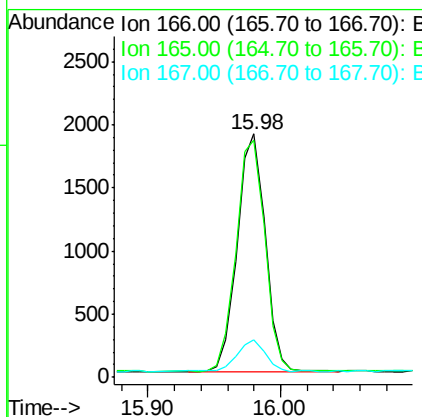
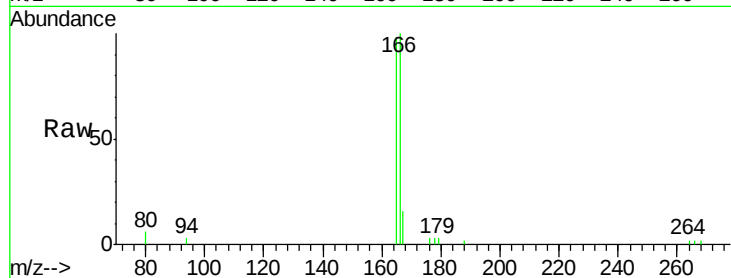




#9
 Fluorene
 Concen: 0.353 ng/ul
 RT: 15.98 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BE096141.D
 Acq: 25 Apr 2018 9:07

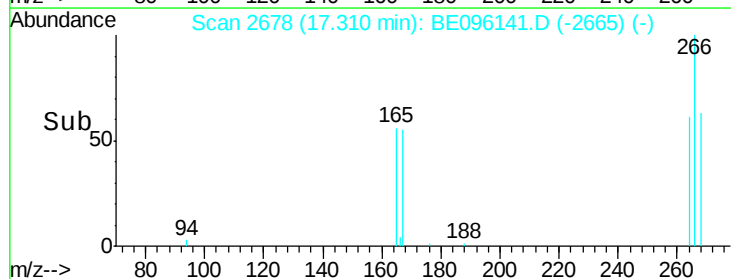
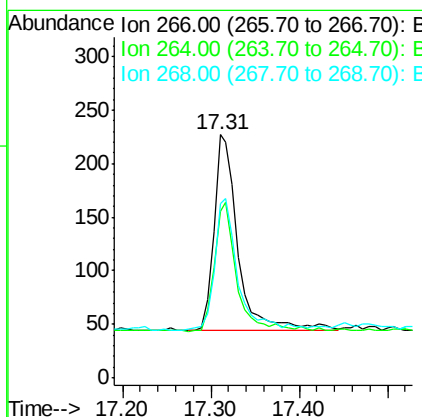
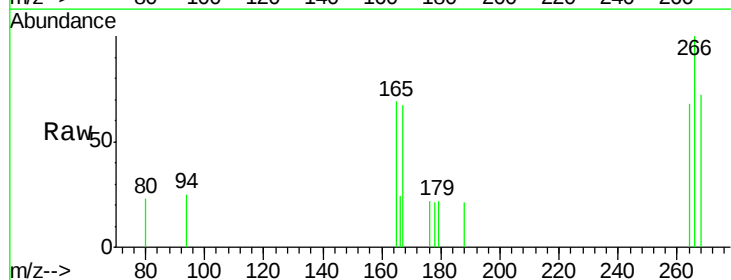
Instrument :
 BNA_E
 ClientSampleId :

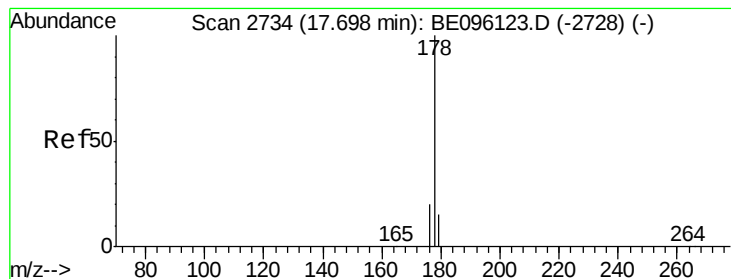
Tot Ion:166 Resp: 2753
 Ion Ratio Lower Upper
 166 100
 165 97.6 73.4 110.2
 167 15.6 14.6 22.0



#11
 Pentachlorophenol
 Concen: 0.325 ng/ul
 RT: 17.31 min Scan# 2678
 Delta R.T. -0.01 min
 Lab File: BE096141.D
 Acq: 25 Apr 2018 9:07

Tgt Ion:266 Resp: 352
 Ion Ratio Lower Upper
 266 100
 264 63.1 47.9 71.9
 268 63.6 49.8 74.8





#12

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.70 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

Instrument :

BNA_E

ClientSampleId :

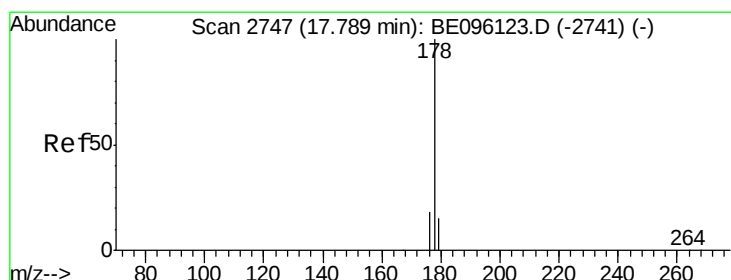
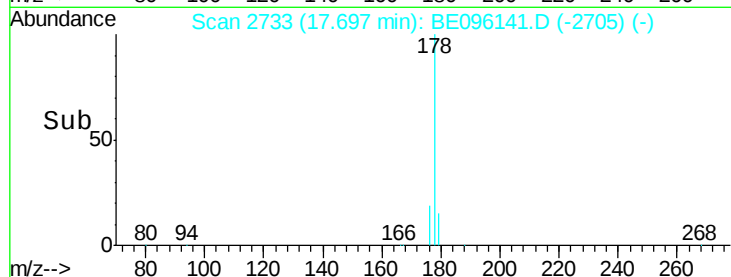
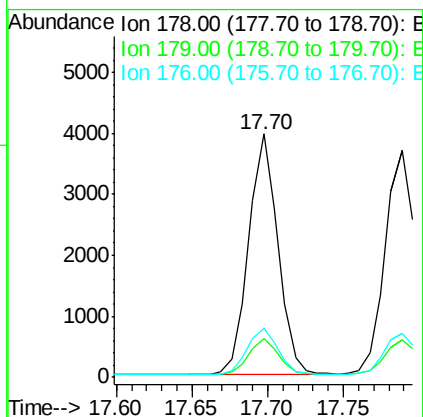
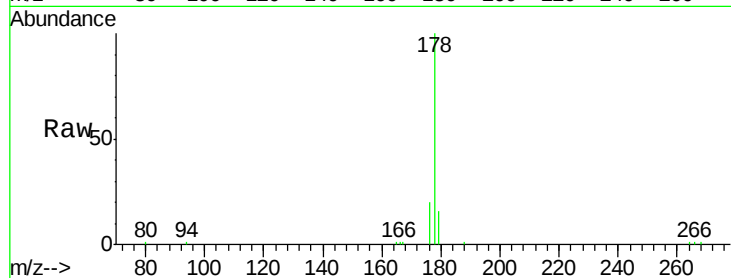
Tot Ion:178 Resp: 5280

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 20.0 13.6 20.4



#13

Anthracene

Concen: 0.391 ng/ul

RT: 17.79 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

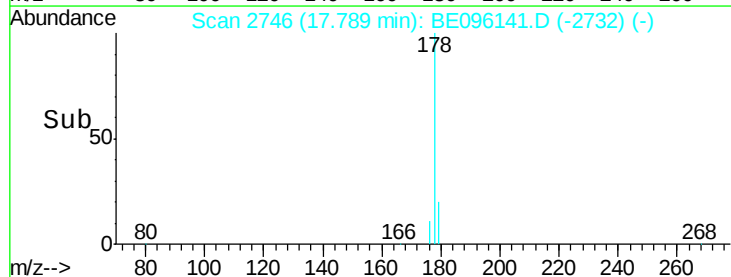
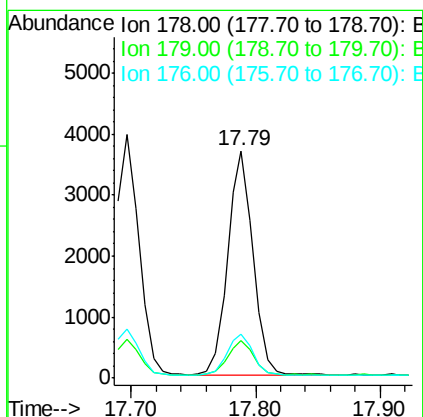
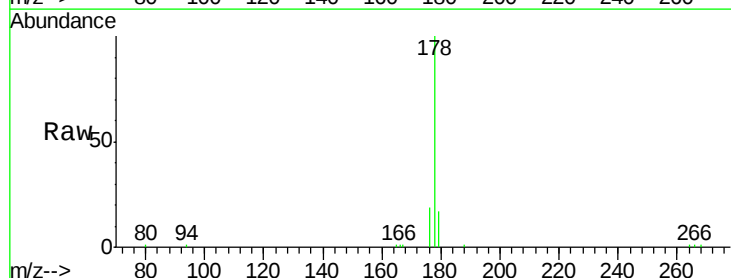
Tgt Ion:178 Resp: 5194

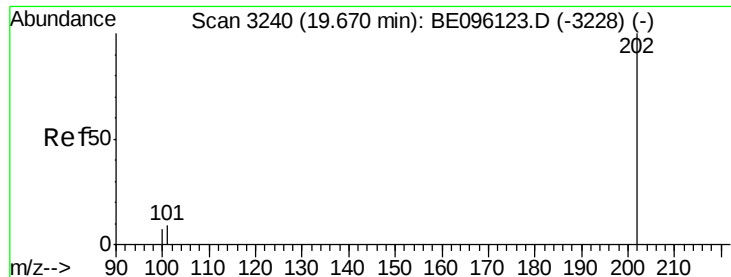
Ion Ratio Lower Upper

178 100

179 16.7 18.1 27.1#

176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 0.389 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

Instrument :

BNA_E

ClientSampleId :

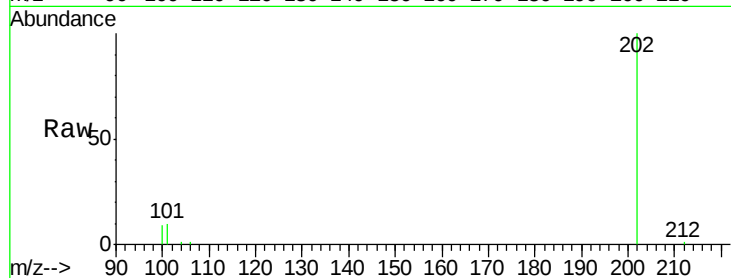
Tot Ion:202 Resp: 7874

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

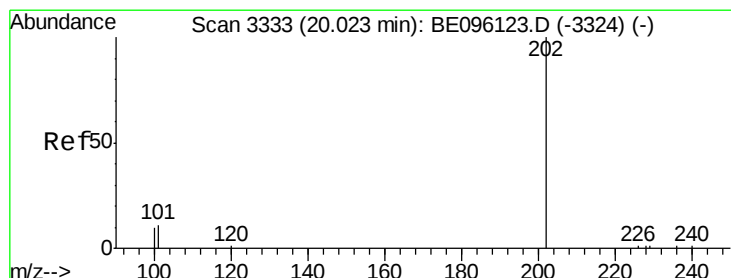
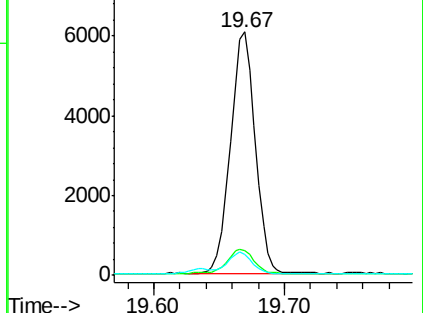
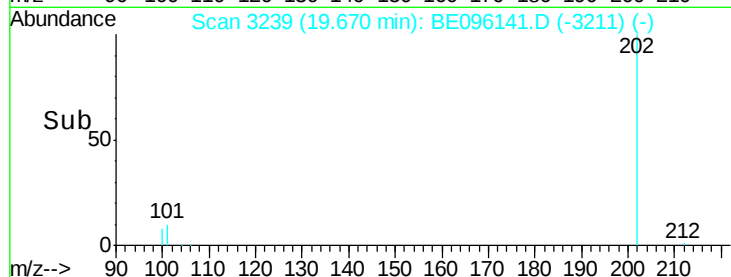
100 8.7 0.0 39.5



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: 0.324 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

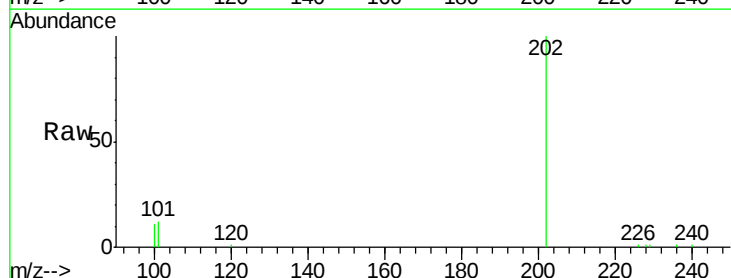
Tgt Ion:202 Resp: 4384

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

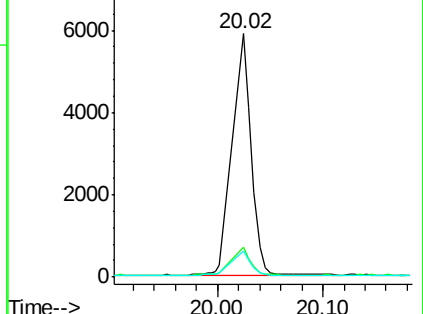
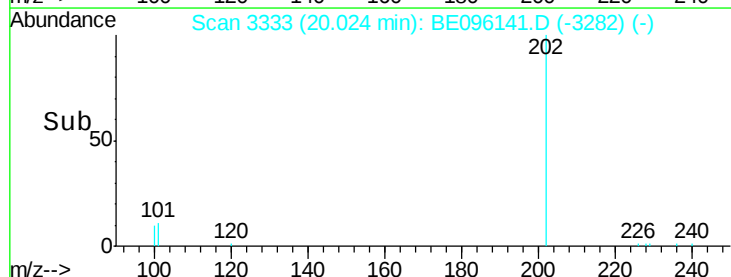
100 10.9 15.6 23.4#

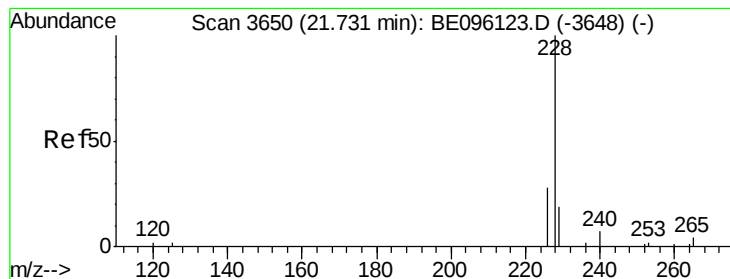


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.286 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

Instrument :

BNA_E

ClientSampleId :

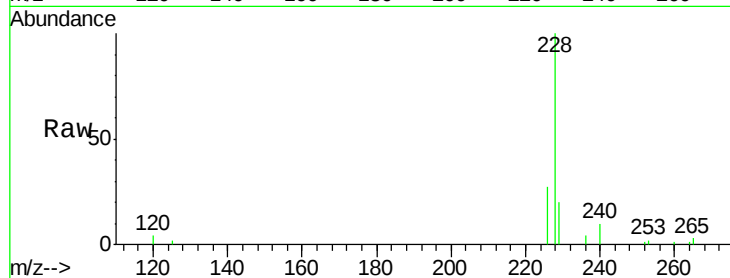
Tot Ion:228 Resp: 5832

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

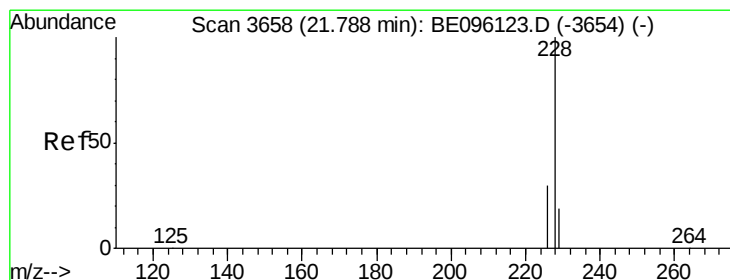
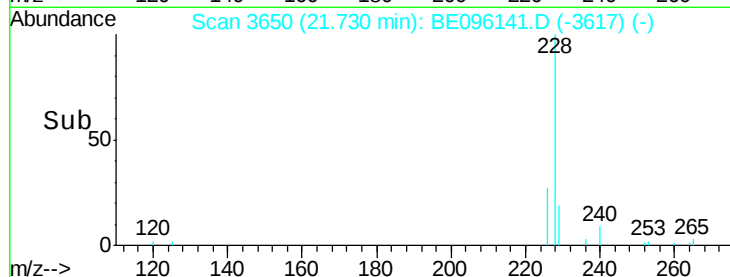
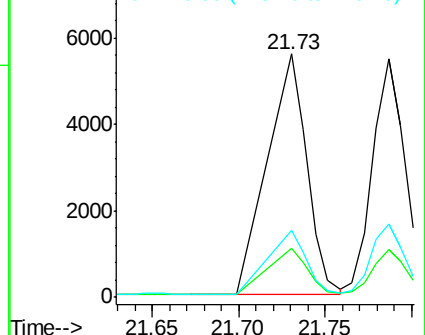
226 27.5 17.0 25.6#



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: 0.385 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

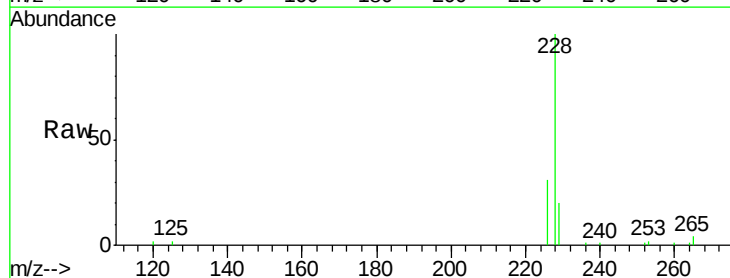
Tgt Ion:228 Resp: 7225

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

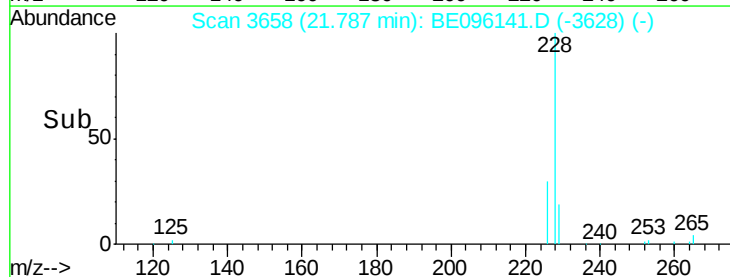
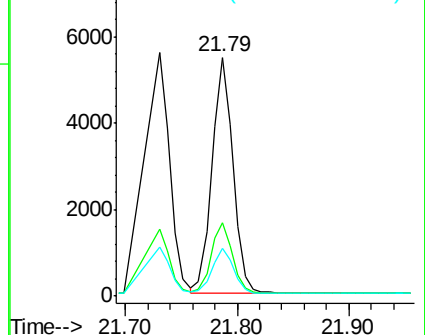
229 19.8 17.7 26.5

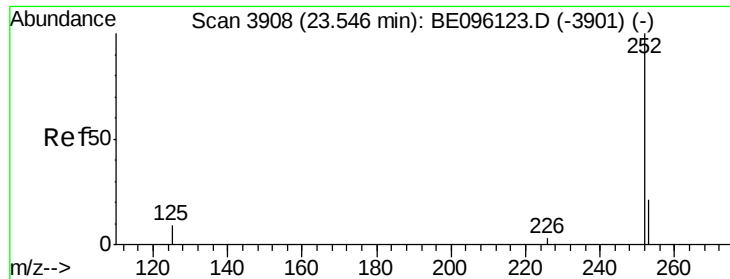


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

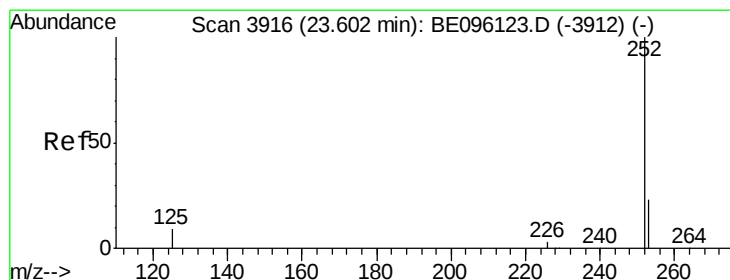
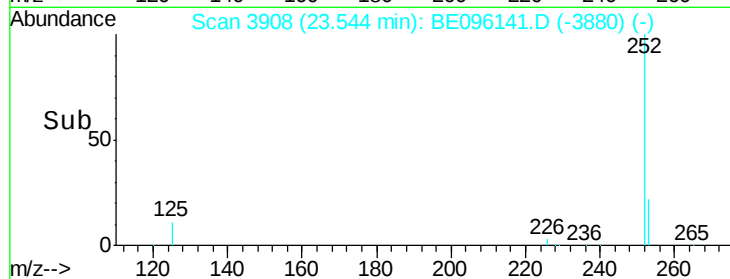
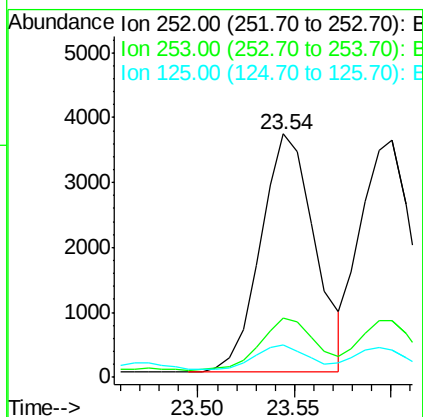
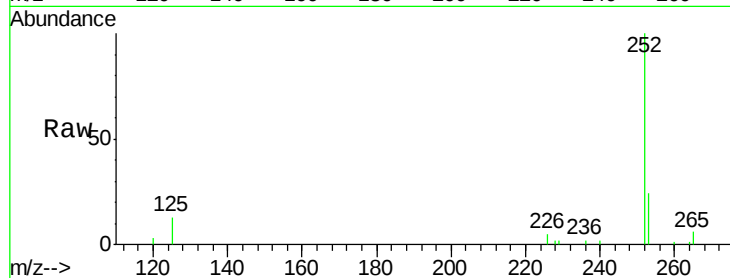




#21
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.54 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096141.D
Acq: 25 Apr 2018 9:07

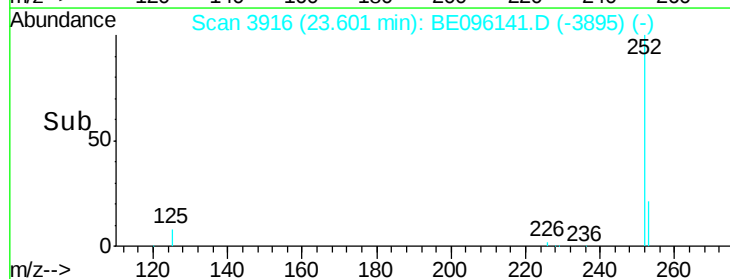
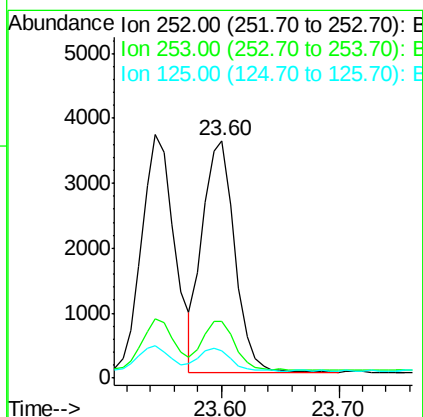
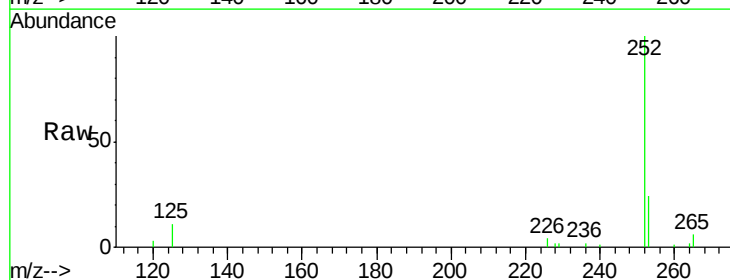
Instrument :
BNA_E
ClientSampleId :

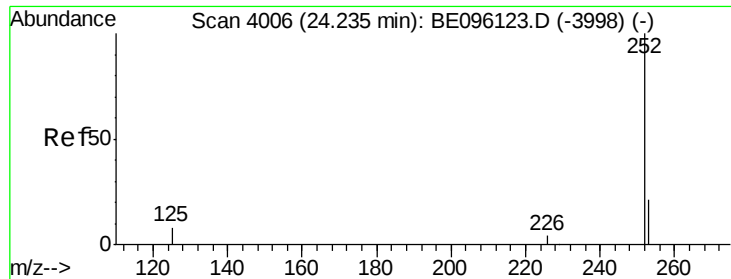
Tot Ion:252 Resp: 7175
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 13.3 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.60 min Scan# 3916
Delta R.T. -0.00 min
Lab File: BE096141.D
Acq: 25 Apr 2018 9:07

Tgt Ion:252 Resp: 6778
Ion Ratio Lower Upper
252 100
253 24.1 24.5 36.7#
125 11.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 24.23 min Scan# 4006

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

Instrument :

BNA_E

ClientSampleId :

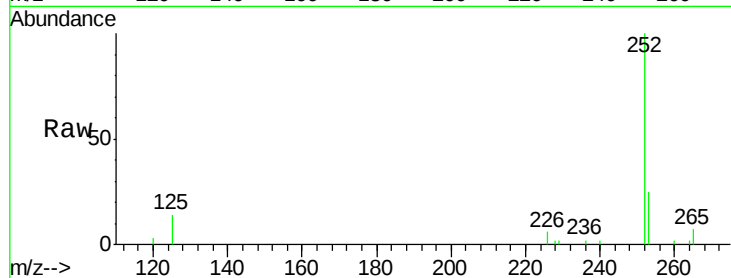
Tot Ion:252 Resp: 6602

Ion Ratio Lower Upper

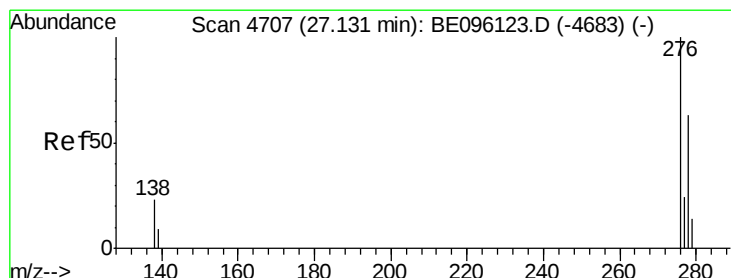
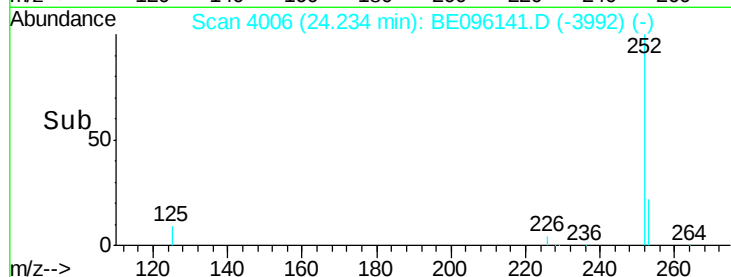
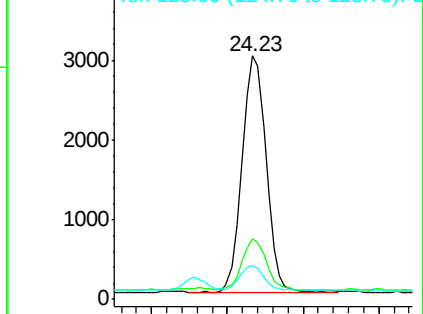
252 100

253 25.1 28.5 42.7#

125 14.1 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: 0.324 ng/ul

RT: 27.13 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BE096141.D

Acq: 25 Apr 2018 9:07

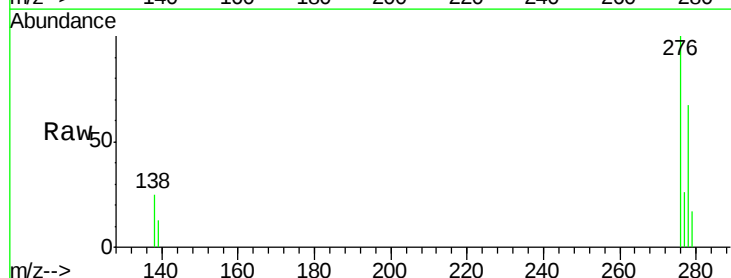
Tgt Ion:276 Resp: 7567

Ion Ratio Lower Upper

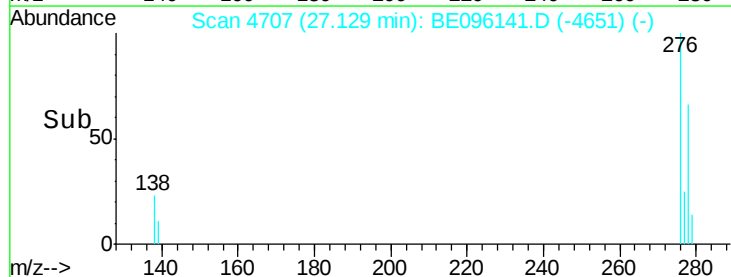
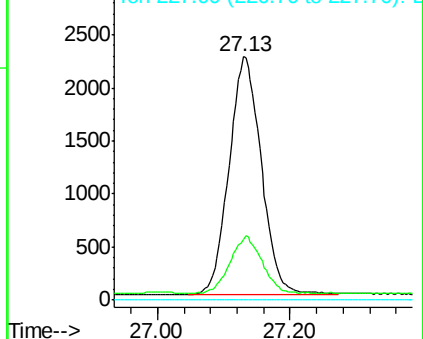
276 100

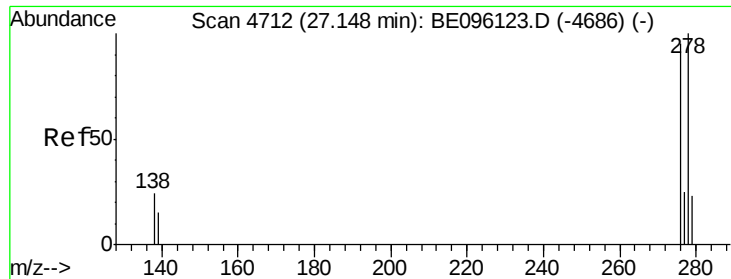
138 23.3 28.0 42.0#

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



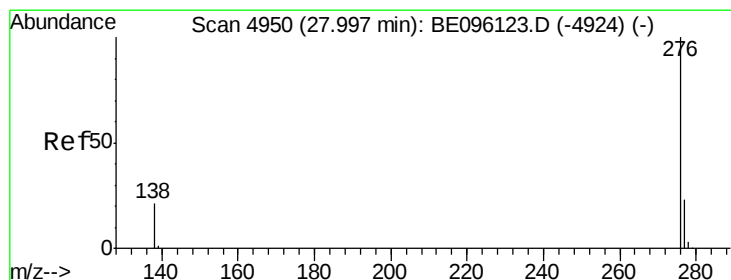
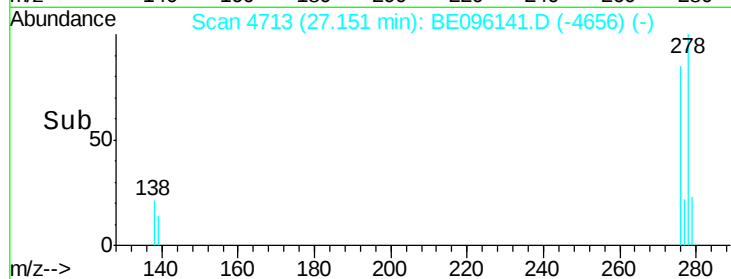
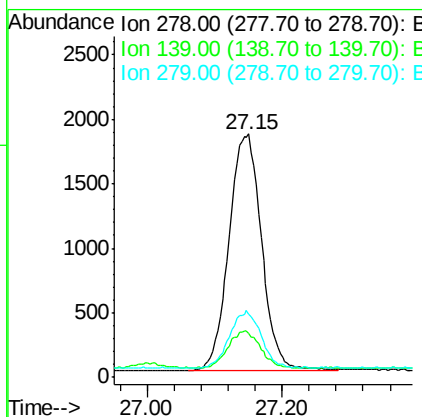
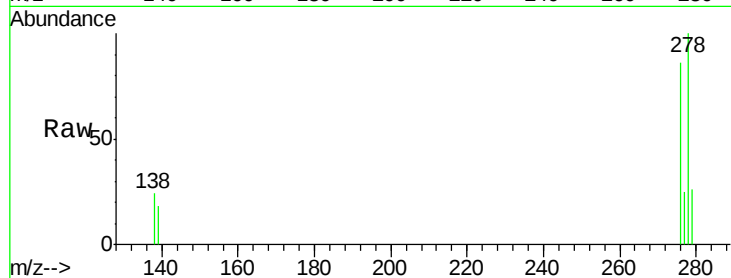


#25
Dibenzo(a,h)anthracene
Concen: 0.316 ng/ul
RT: 27.15 min Scan# 4713
Delta R.T. 0.00 min
Lab File: BE096141.D
Acq: 25 Apr 2018 9:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6175

Ion	Ratio	Lower	Upper
278	100		
139	17.8	17.4	26.0
279	26.2	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 28.00 min Scan# 4951
Delta R.T. 0.00 min
Lab File: BE096141.D
Acq: 25 Apr 2018 9:07

Tgt Ion:276 Resp: 6287

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.8	32.8
277	27.5	20.5	30.7

