

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094338.D
 Acq On : 14 Oct 2017 00:16
 Operator : SJ/JU
 Sample : I5649-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 04:02:41 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

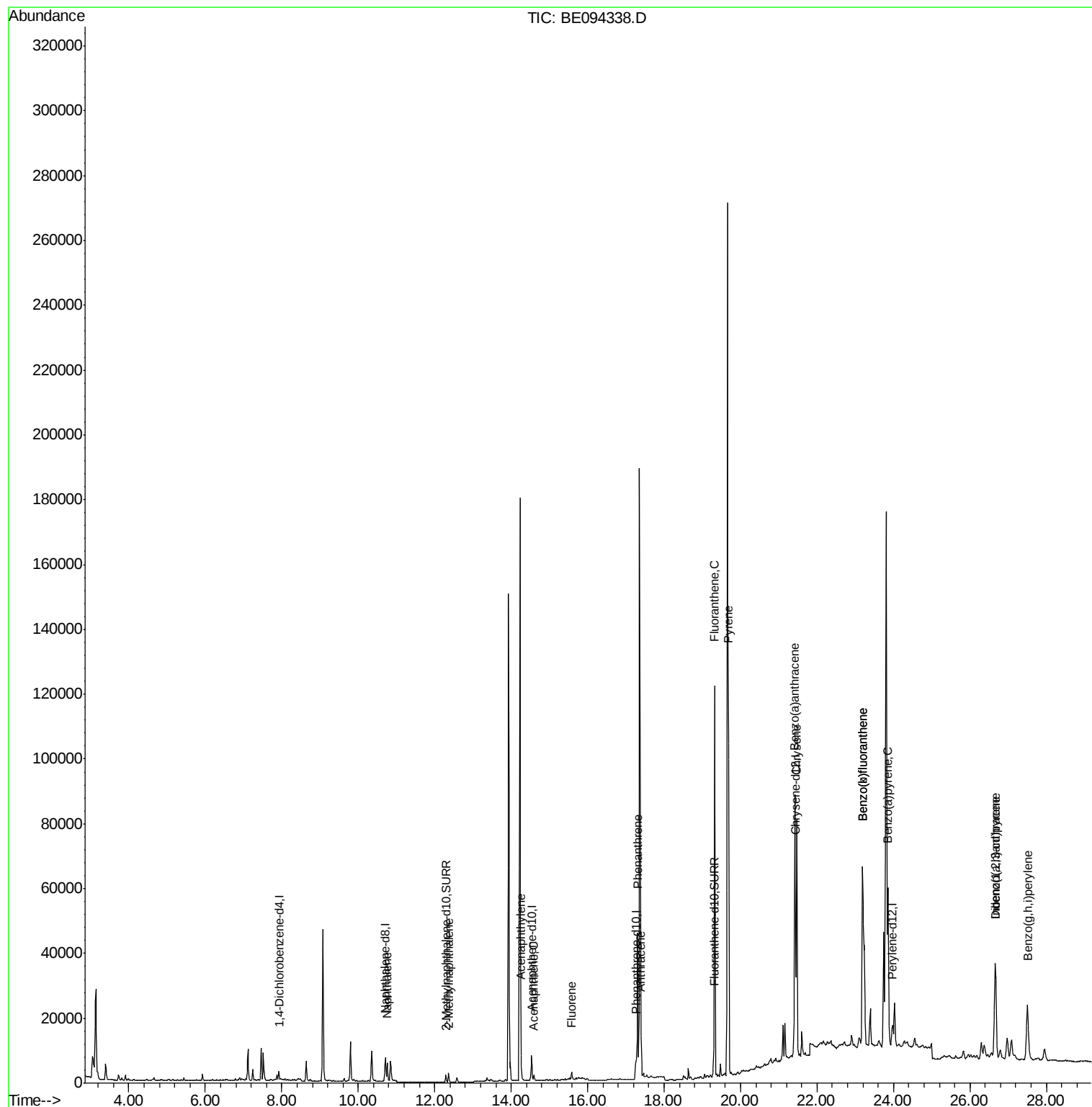
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1532	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4522	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9757	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9516	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8783	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3256	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	7543	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	8545	0.437	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	2438	0.192	ng/ul	99
7) Acenaphthylene	14.26	152	6961	0.395	ng/ul	99
8) Acenaphthene	14.60	153	1191	0.082	ng/ul	96
9) Fluorene	15.58	166	1787	0.105	ng/ul#	92
12) Phenanthrene	17.31	178	50190	1.968	ng/ul#	91
13) Anthracene	17.39	178	12394	0.500	ng/ul#	91
15) Fluoranthene	19.32	202	137011	4.090	ng/ul	84
17) Pyrene	19.69	202	129293	4.883	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	76741	3.040	ng/ul#	88
19) Chrysene	21.47	228	77624	2.663	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	142767	5.984	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	142760	5.177	ng/ul#	88
23) Benzo(a)pyrene	23.85	252	73708	2.973	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.66	276	55045	2.170	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.66	278	14373	0.676	ng/ul#	49
26) Benzo(a,h,i)perylene	27.50	276	40829	1.866	ng/ul#	89

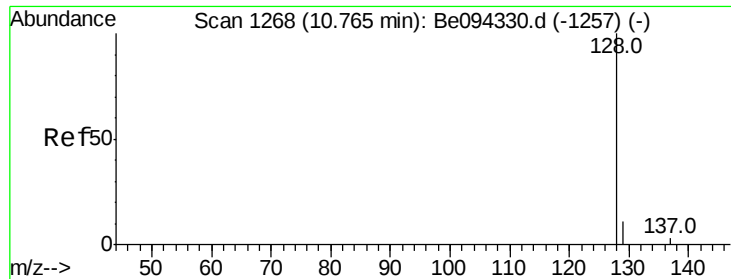
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 03:57:24 2017
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#3

Naphthalene

Concen: 0.437 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

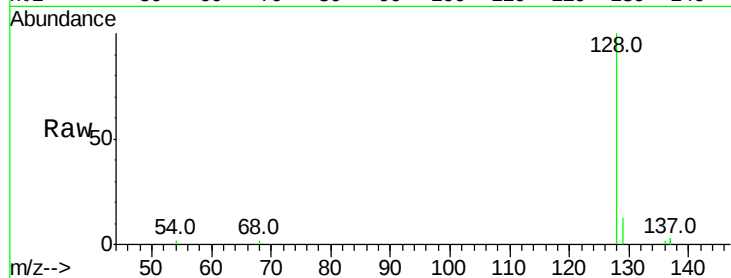
Tot Ion:128 Resp: 8545

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

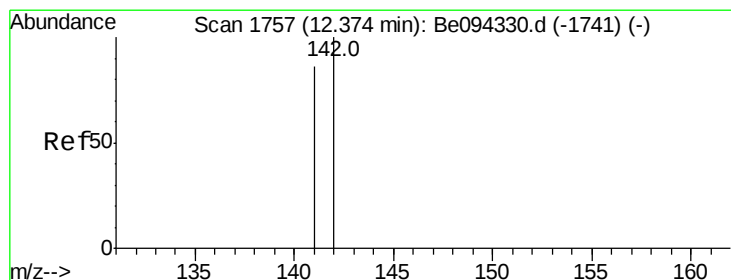
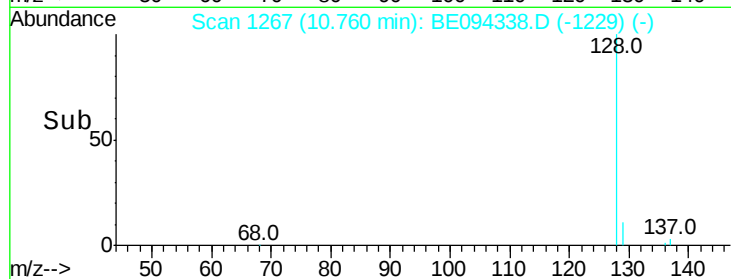
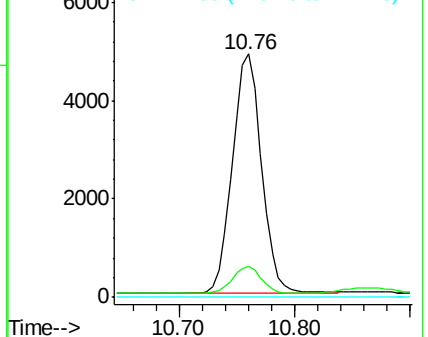
127 0.0 4.0 6.0#



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: 0.192 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BE094338.D

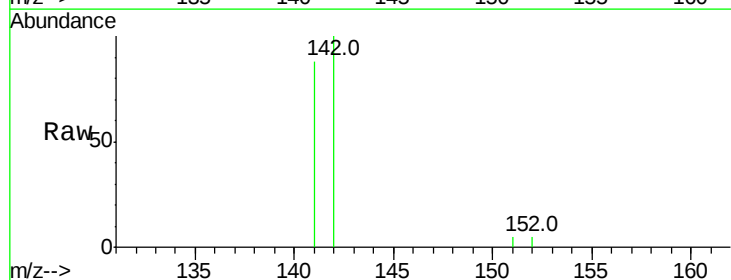
Acq: 14 Oct 2017 00:16

Tgt Ion:142 Resp: 2438

Ion Ratio Lower Upper

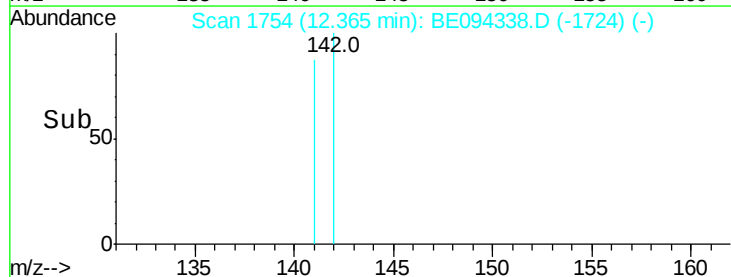
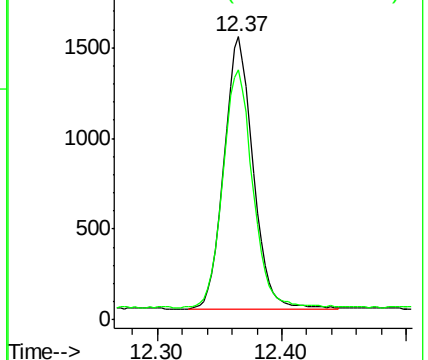
142 100

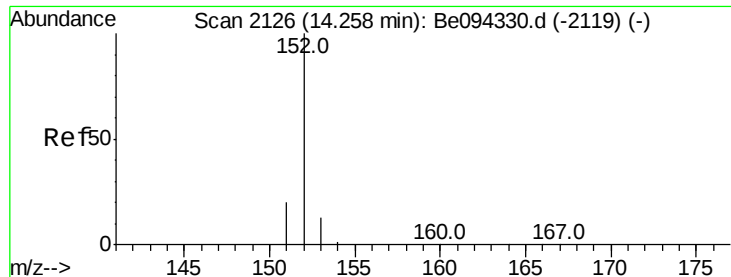
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.395 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

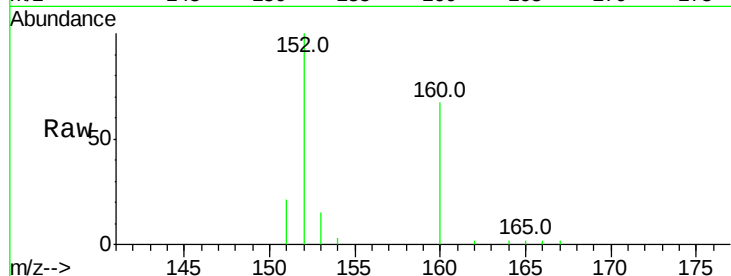
Tot Ion:152 Resp: 6961

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

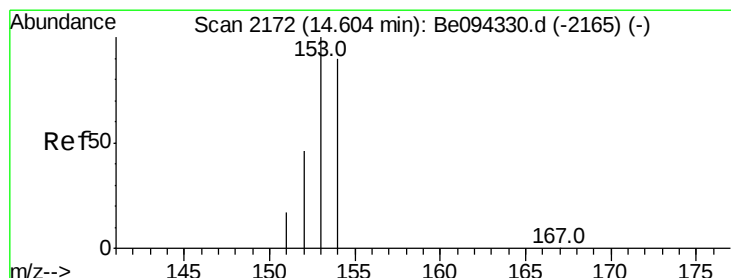
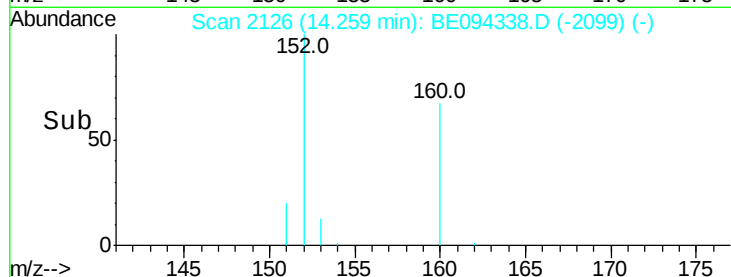
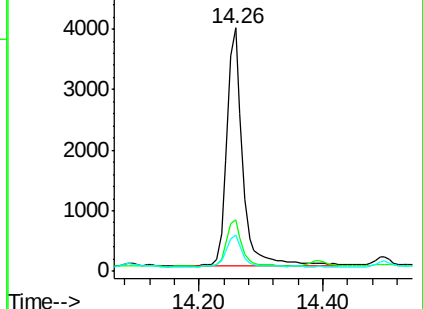
153 15.0 12.8 19.2



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: 0.082 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

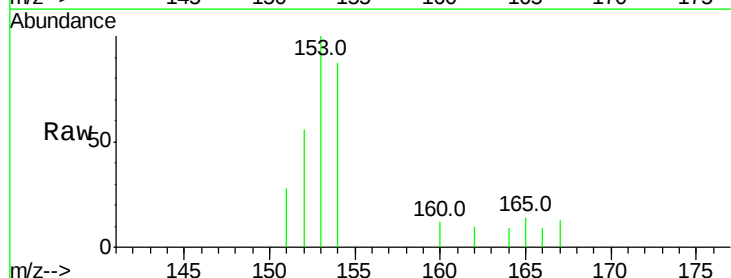
Tgt Ion:153 Resp: 1191

Ion Ratio Lower Upper

153 100

152 56.0 40.3 60.5

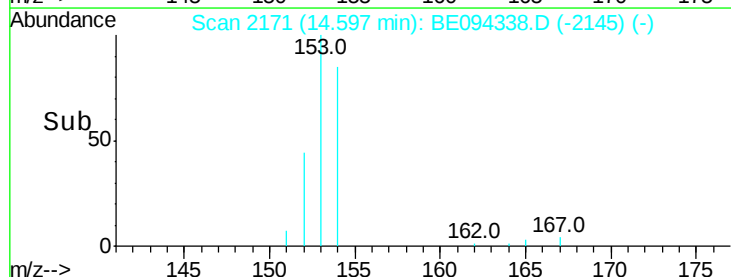
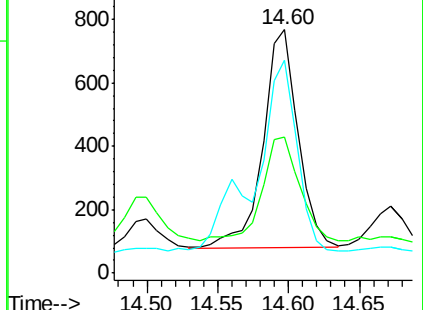
154 87.4 71.4 107.2

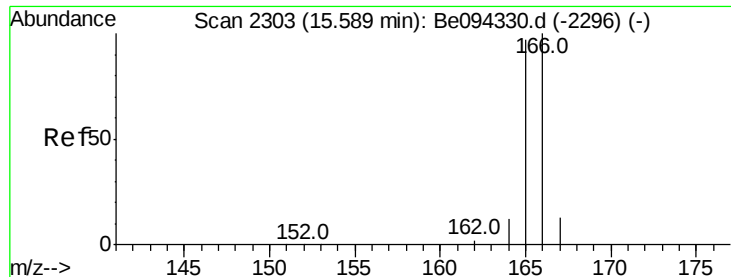


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

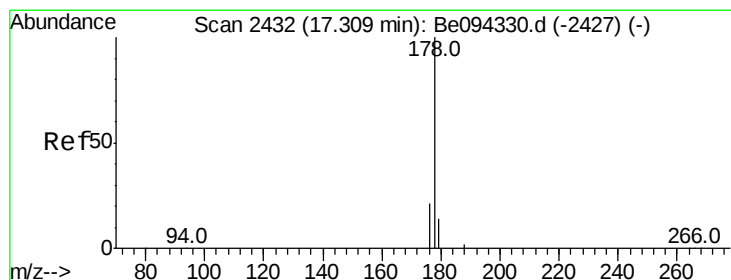
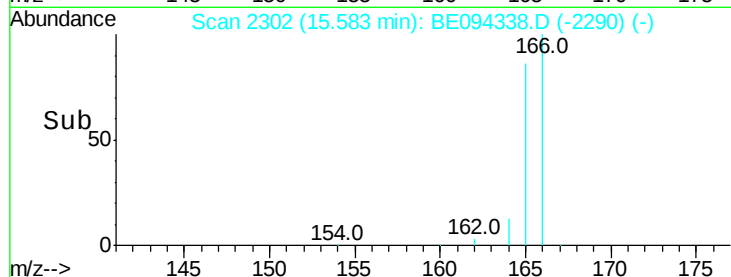
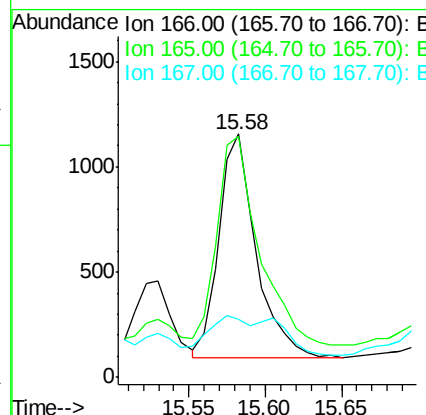
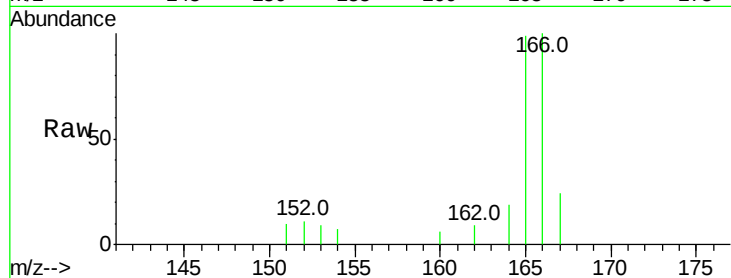




#9
Fluorene
 Concen: 0.105 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

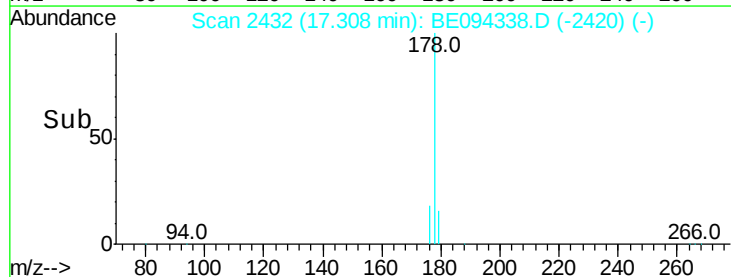
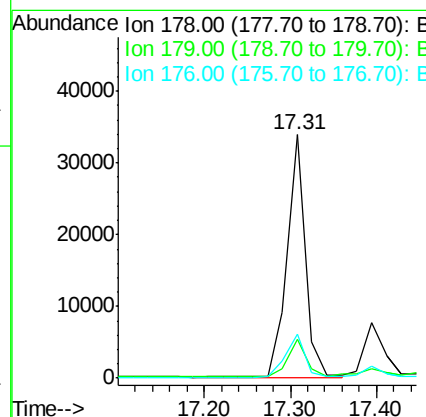
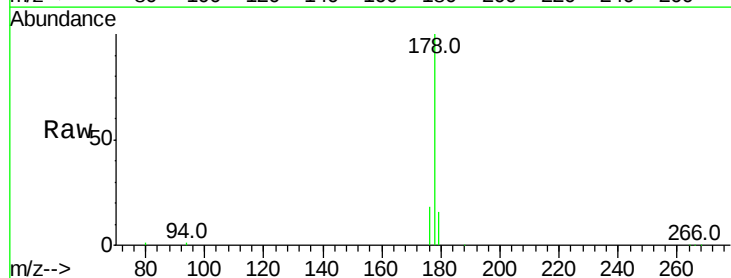
Instrument :
 BNA_E
 ClientSampleId :

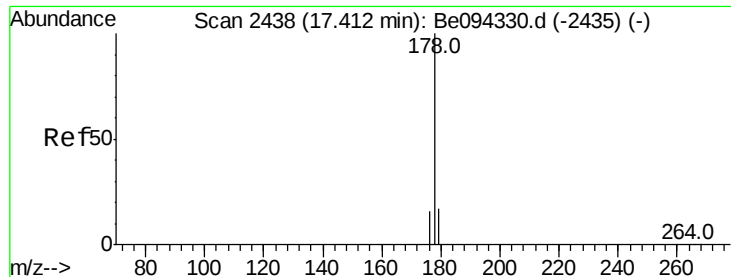
Tot Ion:166 Resp: 1787
 Ion Ratio Lower Upper
 166 100
 165 99.0 73.4 110.2
 167 23.8 14.6 22.0#



#12
Phenanthrene
 Concen: 1.968 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Tgt Ion:178 Resp: 50190
 Ion Ratio Lower Upper
 178 100
 179 16.1 18.4 27.6#
 176 18.3 13.6 20.4





#13

Anthracene

Concen: 0.500 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

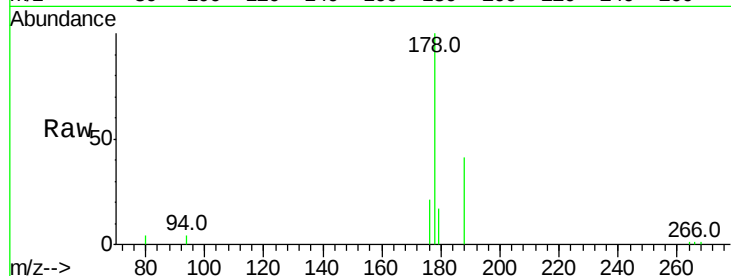
Tot Ion:178 Resp: 12394

Ion Ratio Lower Upper

178 100

179 17.0 18.1 27.1#

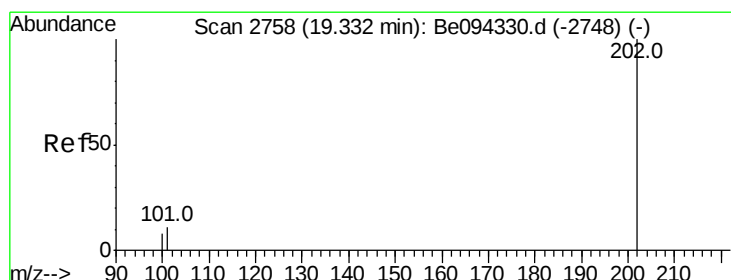
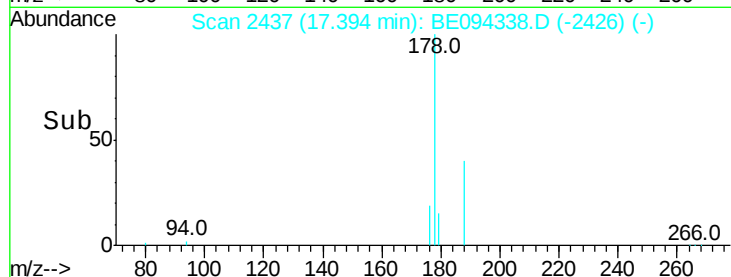
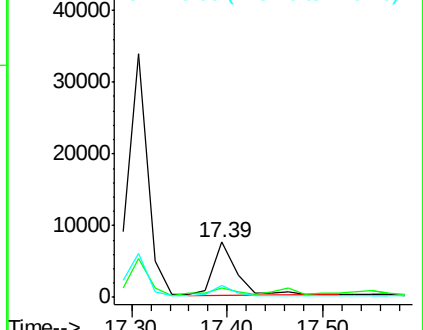
176 20.8 14.7 22.1



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: 4.090 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

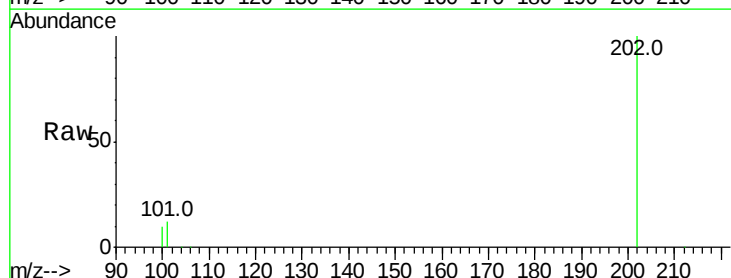
Tgt Ion:202 Resp: 137011

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

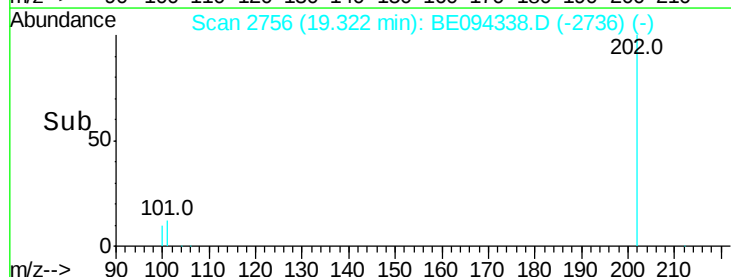
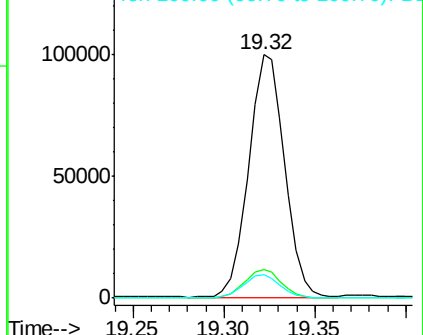
100 9.8 0.0 39.5

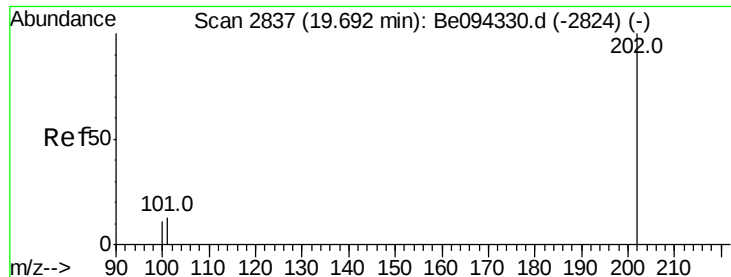


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

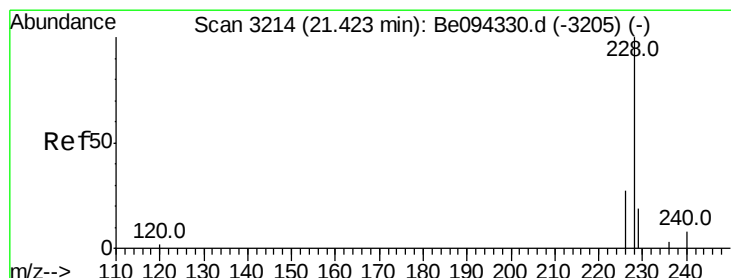
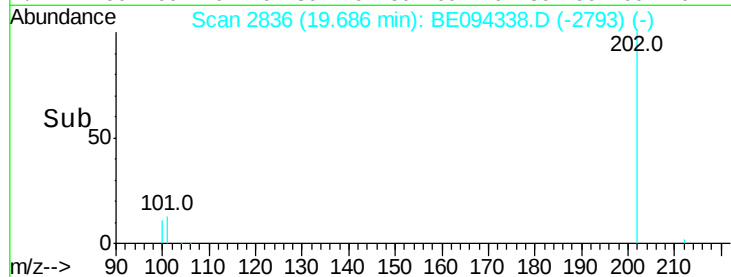
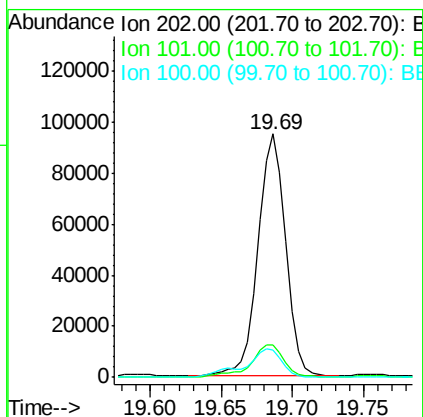
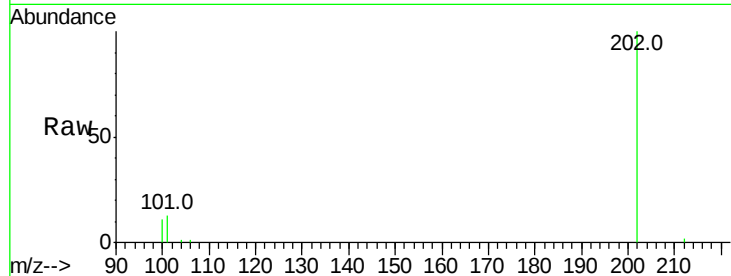




#17
Pvrene
Concen: 4.883 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BE094338.D
Acq: 14 Oct 2017 00:16

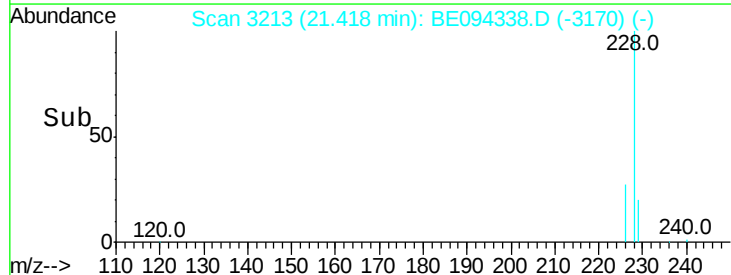
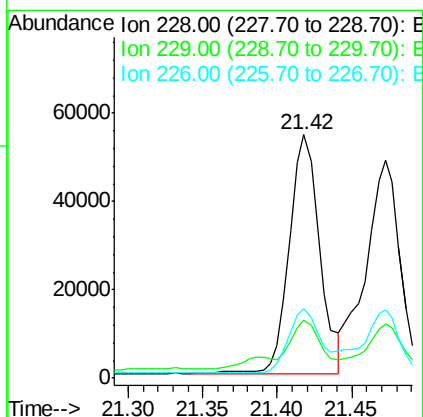
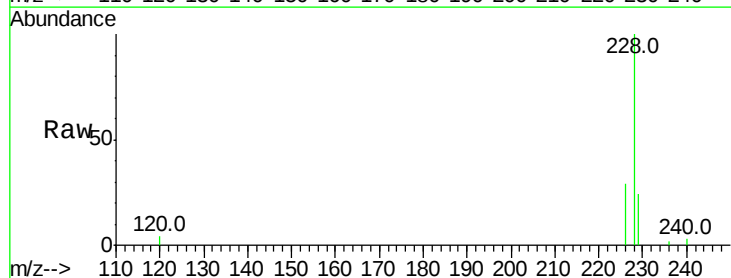
Instrument :
BNA_E
ClientSampleId :

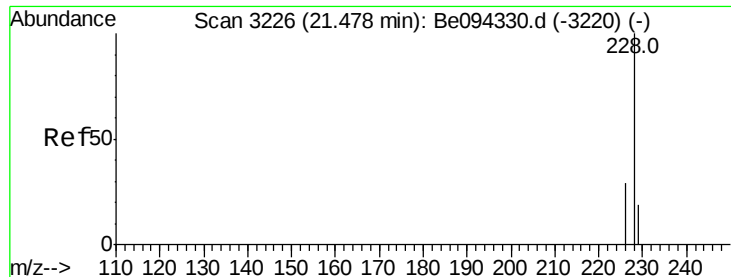
Tot Ion:202 Resp: 129293
Ion Ratio Lower Upper
202 100
101 13.1 18.2 27.4#
100 11.2 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 3.040 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BE094338.D
Acq: 14 Oct 2017 00:16

Tgt Ion:228 Resp: 76741
Ion Ratio Lower Upper
228 100
229 23.7 22.8 34.2
226 28.6 17.0 25.6#





#19

Chrysene

Concen: 2.663 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :

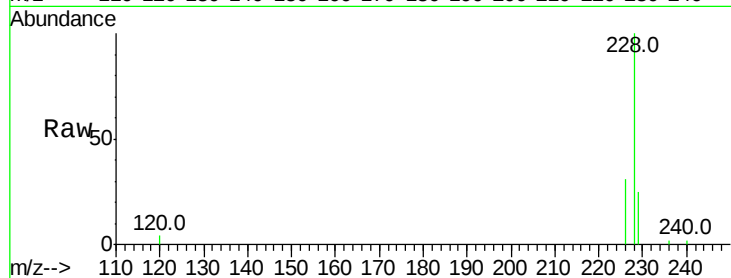
Tot Ion:228 Resp: 77624

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

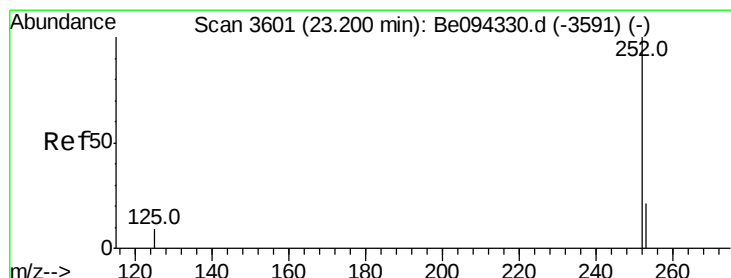
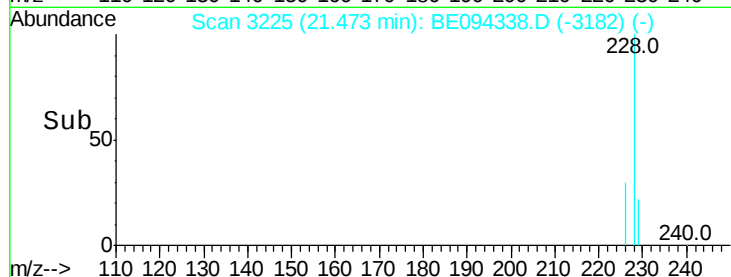
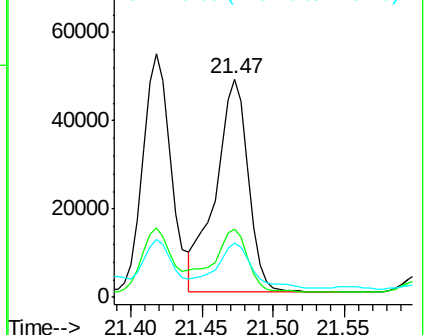
229 25.0 17.7 26.5



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: 5.984 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

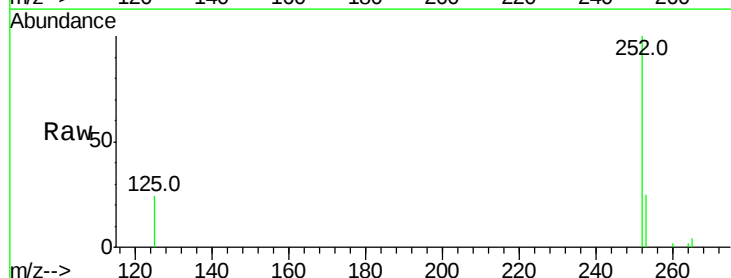
Tgt Ion:252 Resp: 142767

Ion Ratio Lower Upper

252 100

253 25.3 0.0 64.2

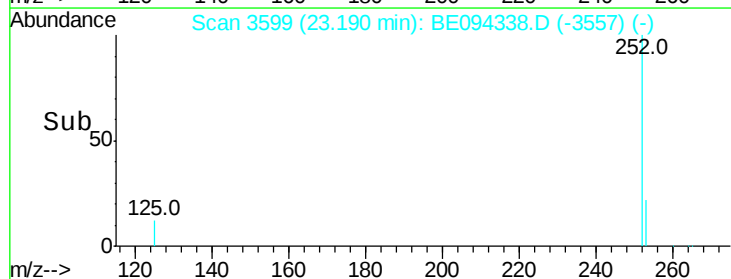
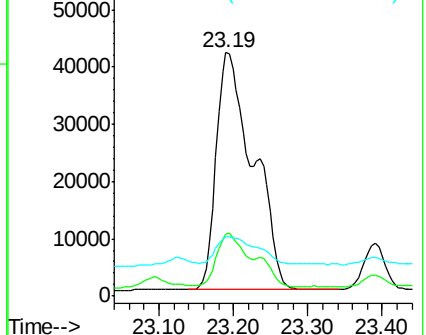
125 24.3 0.0 35.0

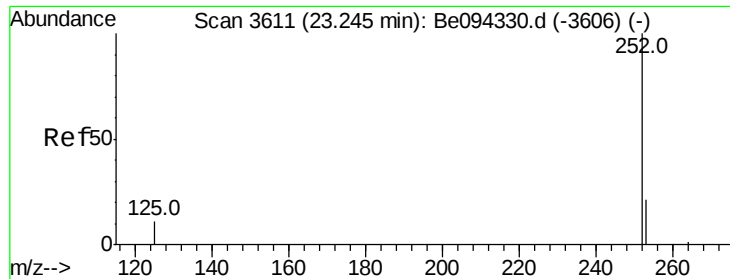


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

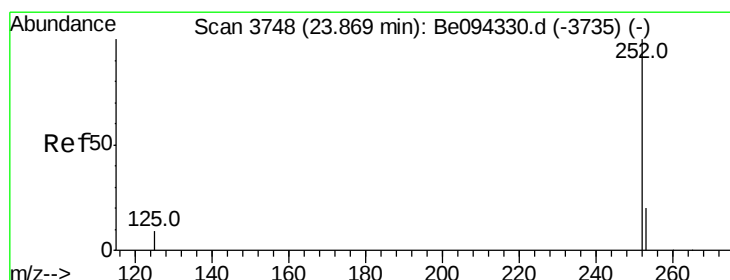
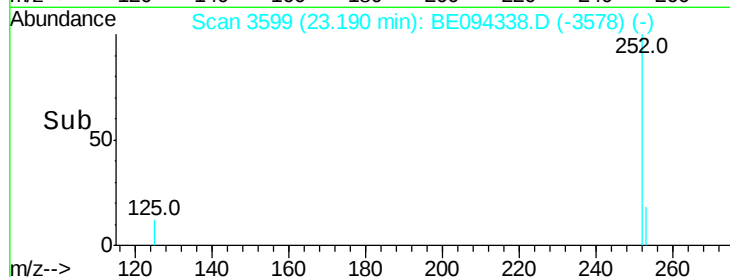
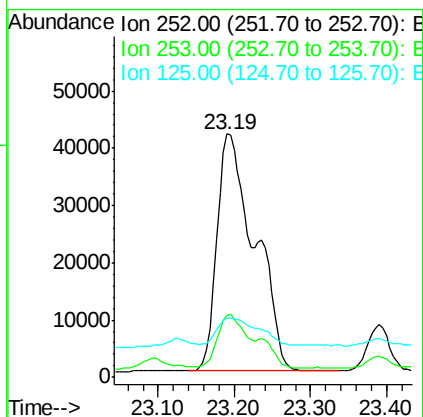
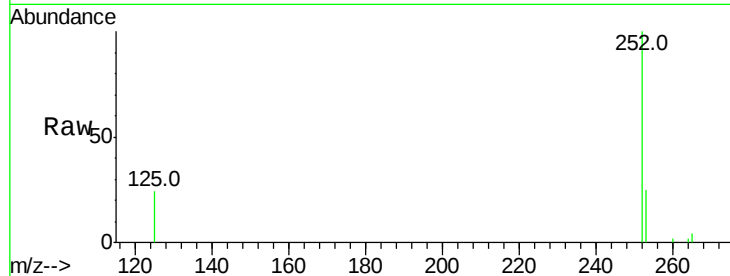




#22
Benzo(k)fluoranthene
Concen: 5.177 ng/ul
RT: 23.19 min Scan# 3599
Delta R.T. -0.06 min
Lab File: BE094338.D
Acq: 14 Oct 2017 00:16

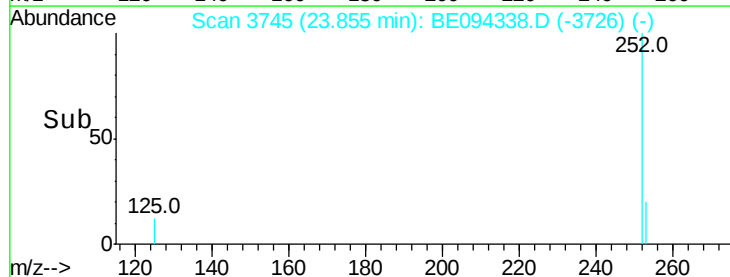
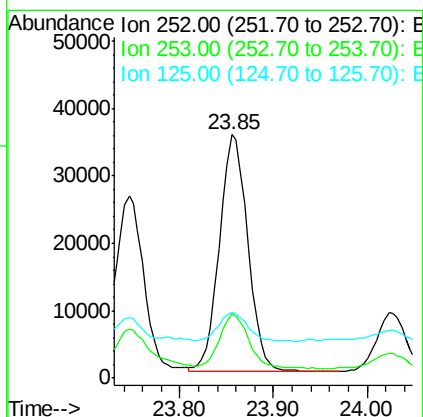
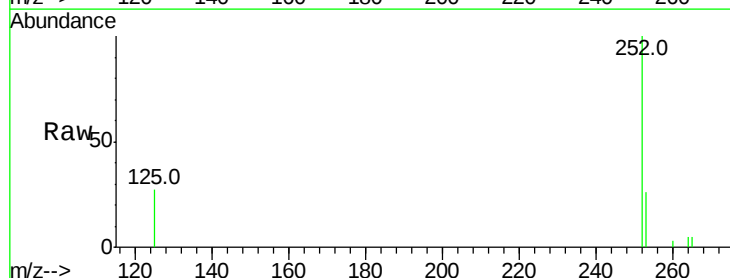
Instrument :
BNA_E
ClientSampleId :

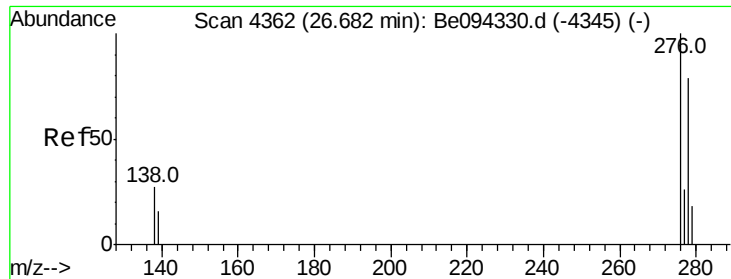
Tot Ion:252 Resp: 142760
Ion Ratio Lower Upper
252 100
253 25.3 24.5 36.7
125 24.3 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 2.973 ng/ul
RT: 23.85 min Scan# 3745
Delta R.T. -0.01 min
Lab File: BE094338.D
Acq: 14 Oct 2017 00:16

Tgt Ion:252 Resp: 73708
Ion Ratio Lower Upper
252 100
253 26.2 28.5 42.7#
125 26.9 18.1 27.1



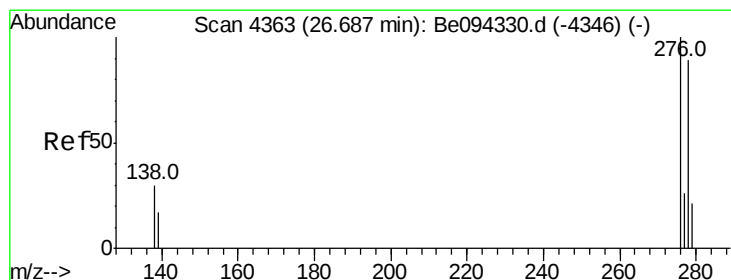
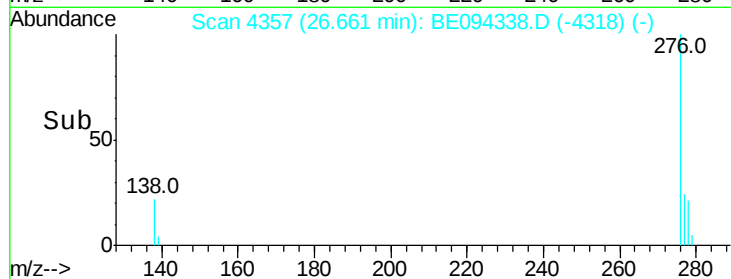
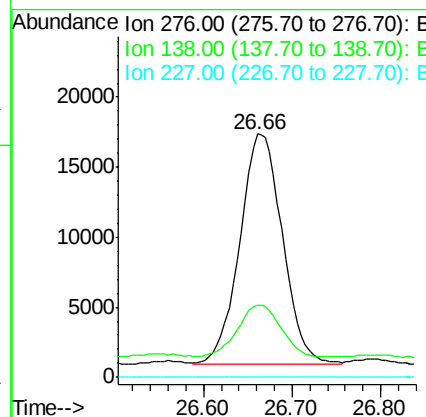
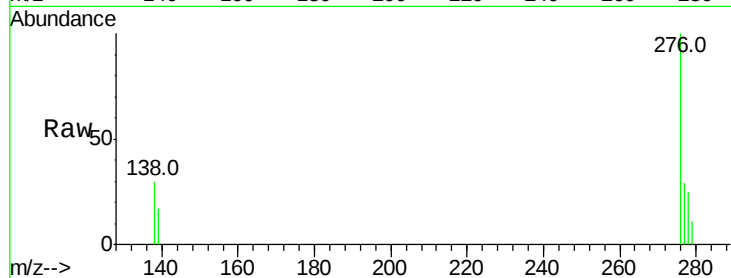


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.170 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BE094338.D
Acq: 14 Oct 2017 00:16

Instrument :
BNA_E
ClientSampleId :

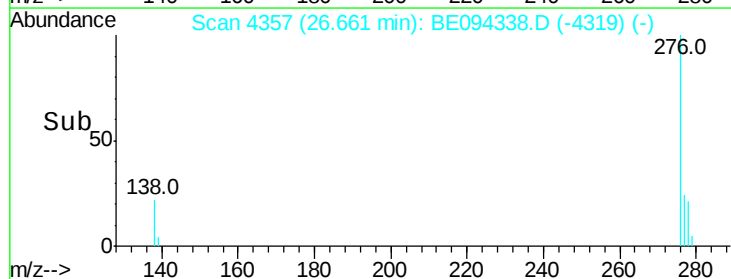
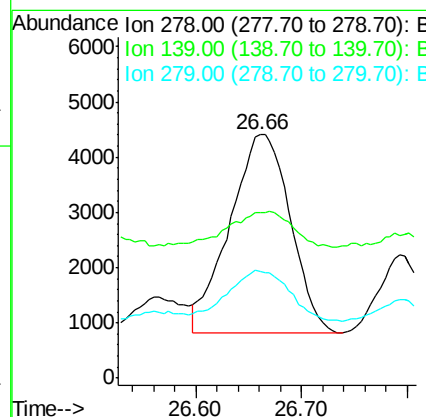
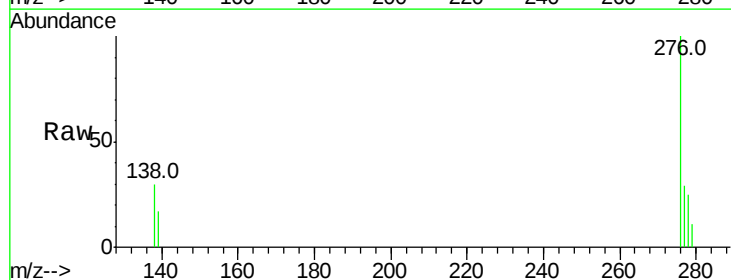
Tot Ion:276 Resp: 55045
Ion Ratio Lower Upper
276 100
138 22.8 28.0 42.0#
227 0.0 8.0 12.0#

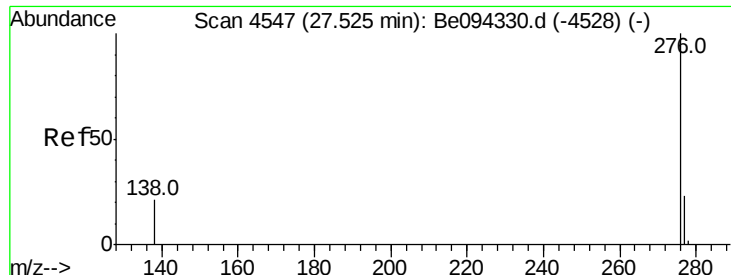


#25

Dibenzo(a,h)anthracene
Concen: 0.676 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.03 min
Lab File: BE094338.D
Acq: 14 Oct 2017 00:16

Tgt Ion:278 Resp: 14373
Ion Ratio Lower Upper
278 100
139 67.9 17.4 26.0#
279 43.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 1.866 ng/ul

RT: 27.50 min Scan# 4542

Delta R.T. -0.02 min

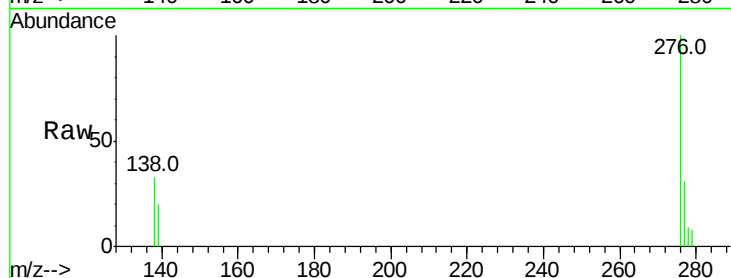
Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

ClientSampleId :



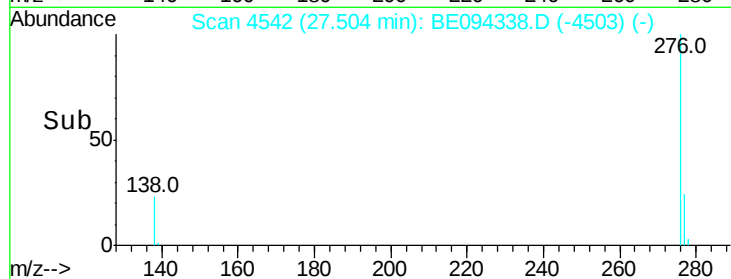
Tot Ion:276 Resp: 40829

Ion Ratio Lower Upper

276 100

138 32.8 21.8 32.8#

277 31.0 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

