

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094371.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:09:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

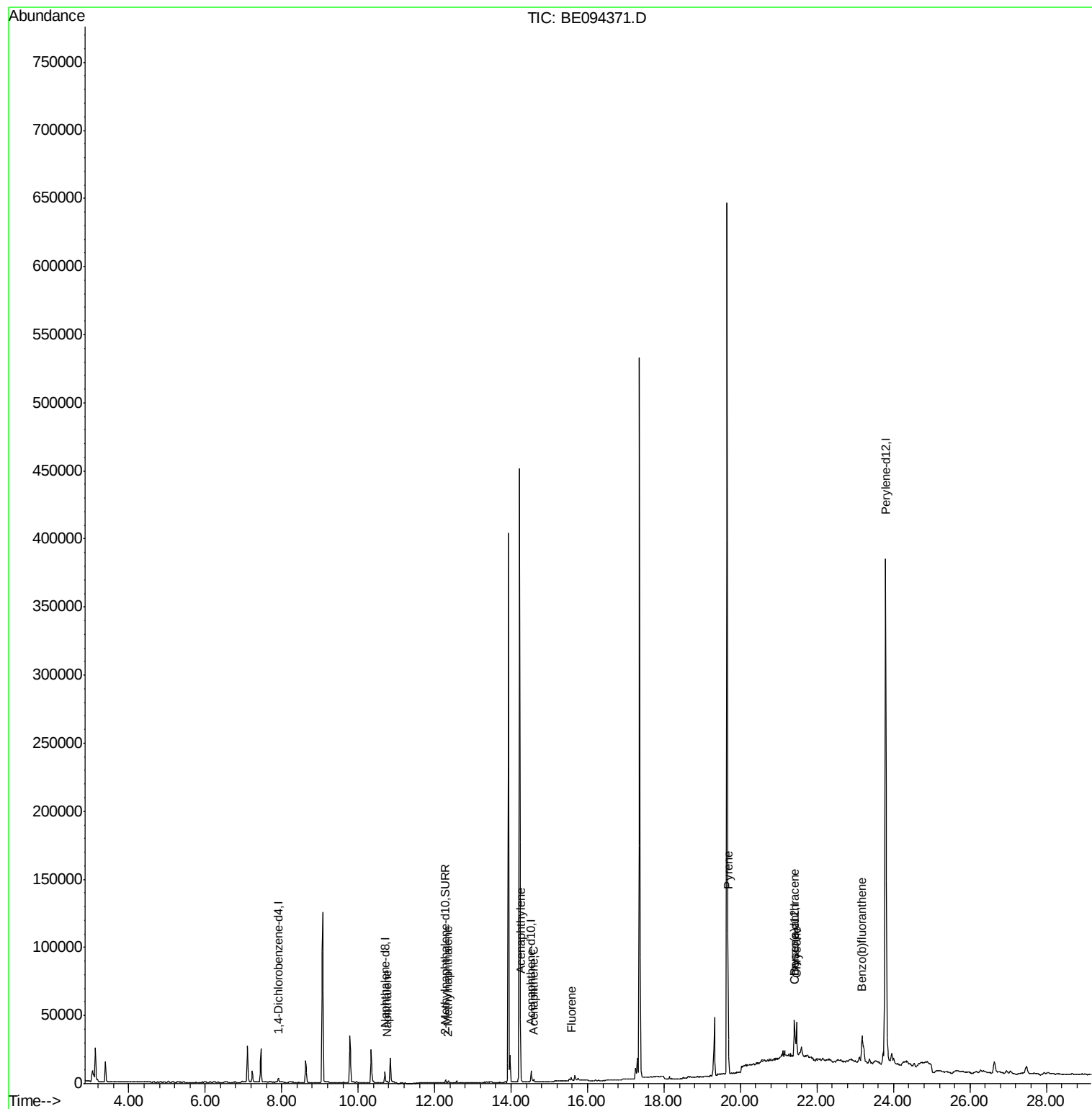
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1476	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8142	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5121	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.43	240	9906	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	556715	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3593	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8655	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.75	128	1654	0.083	ng/ul#	72
5) 2-Methylnaphthalene	12.36	142	1511	0.117	ng/ul	100
7) Acenaphthylene	14.25	152	835	0.042	ng/ul#	67
8) Acenaphthene	14.59	153	1452	0.088	ng/ul	97
9) Fluorene	15.57	166	1333	0.069	ng/ul#	70
17) Pyrene	19.68	202	46878	1.701	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	24360	0.927	ng/ul#	74
19) Chrysene	21.46	228	27015	0.890	ng/ul#	70
21) Benzo(b)fluoranthene	23.18	252	32121	0.021	ng/ul#	67

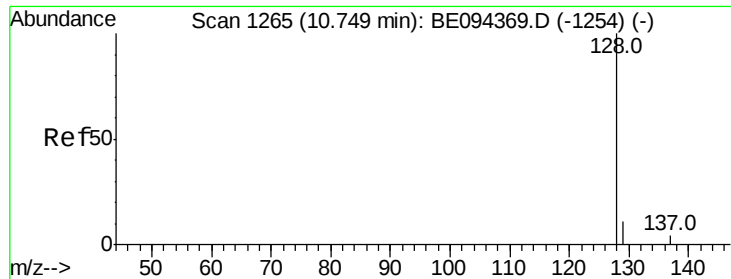
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.083 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE094371.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_E

ClientSampled :

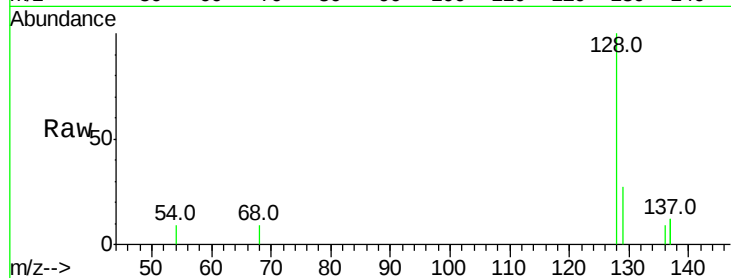
Tot Ion:128 Resp: 1654

Ion Ratio Lower Upper

128 100

129 27.4 11.3 16.9#

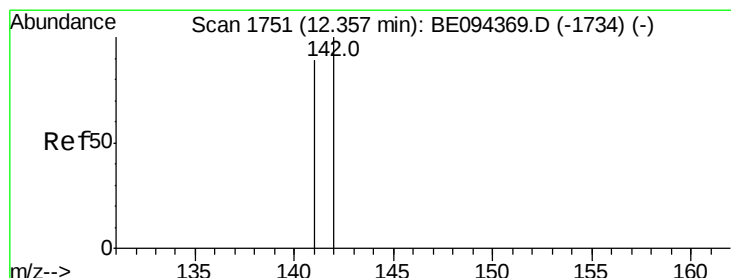
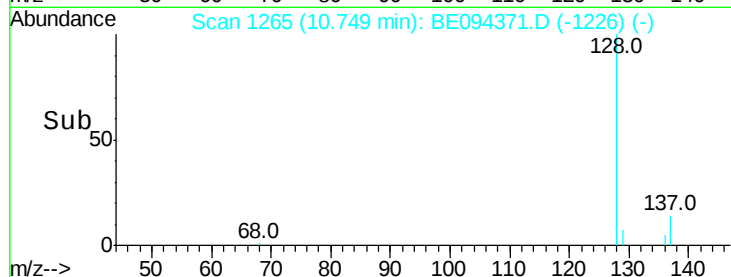
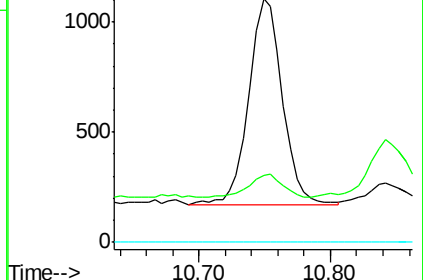
127 0.0 4.0 6.0#



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: 0.117 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BE094371.D

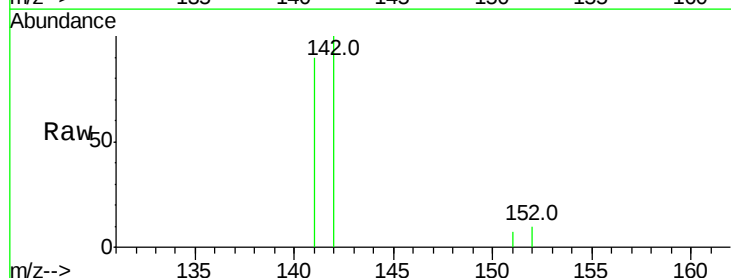
Acq: 15 Oct 2017 00:54

Tgt Ion:142 Resp: 1511

Ion Ratio Lower Upper

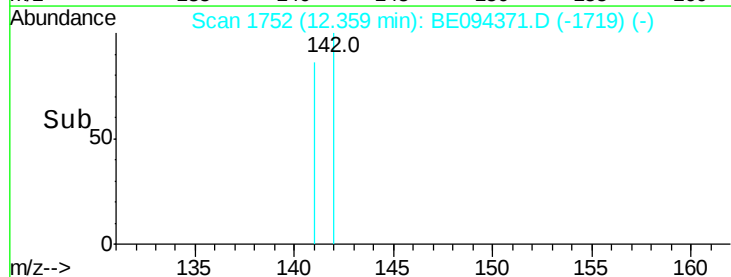
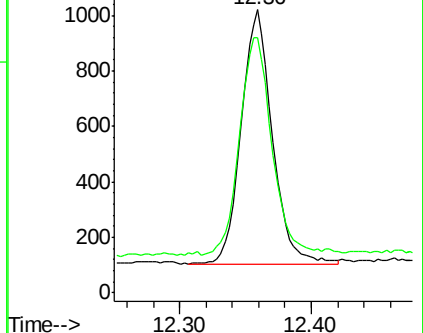
142 100

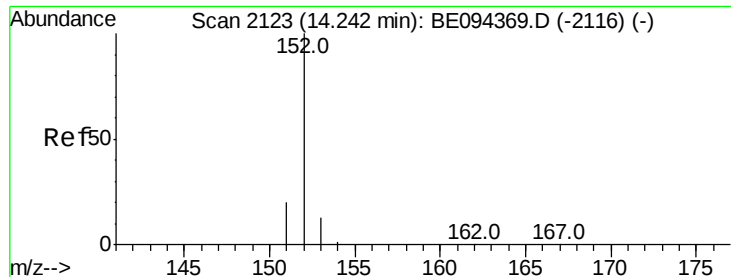
141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094371.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_E

ClientSampleId :

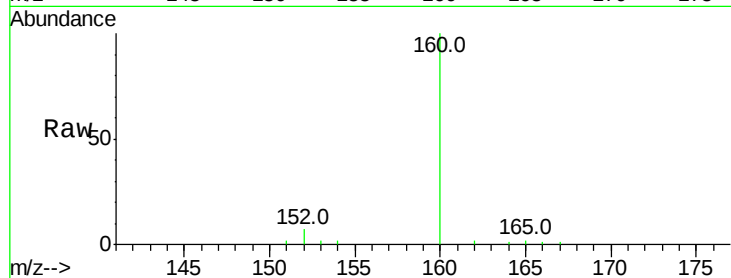
Tot Ion:152 Resp: 835

Ion Ratio Lower Upper

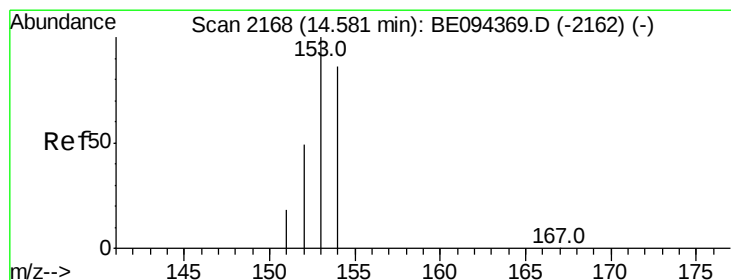
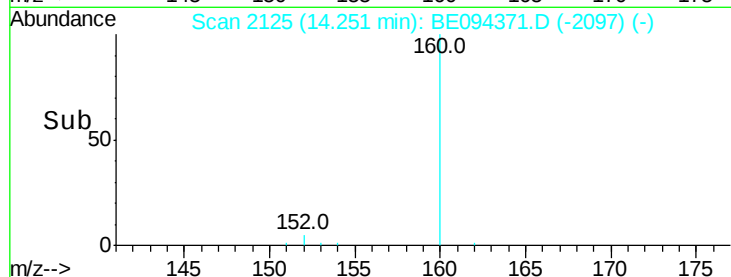
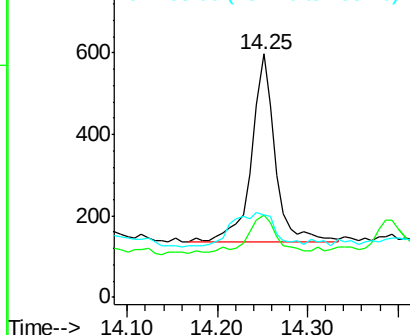
152 100

151 33.9 17.1 25.7#

153 33.8 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: 0.088 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094371.D

Acq: 15 Oct 2017 00:54

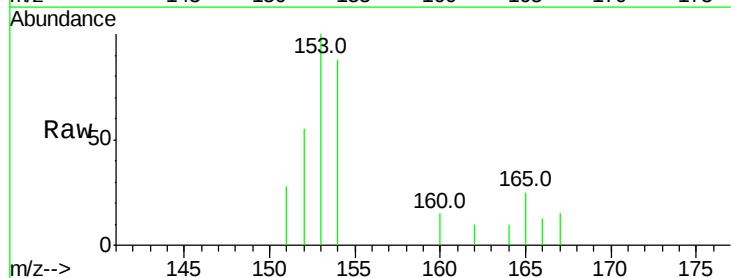
Tgt Ion:153 Resp: 1452

Ion Ratio Lower Upper

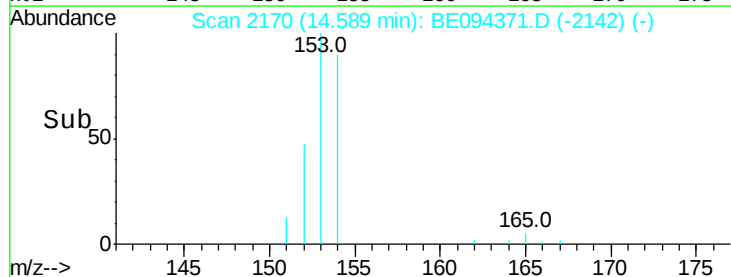
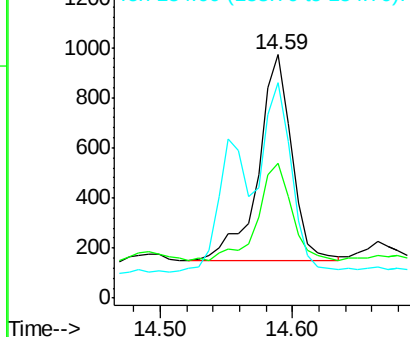
153 100

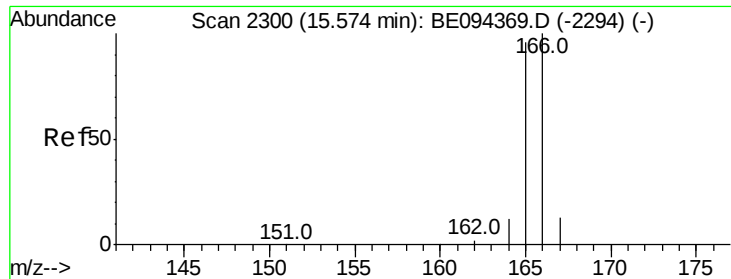
152 55.3 40.3 60.5

154 88.3 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

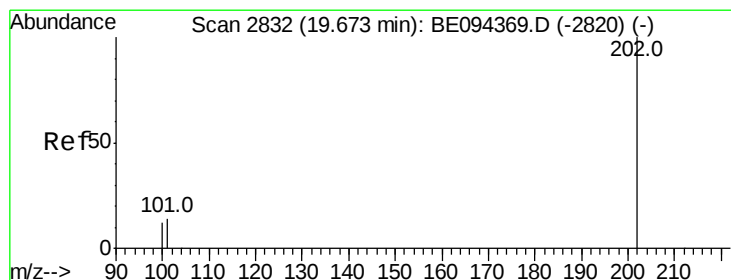
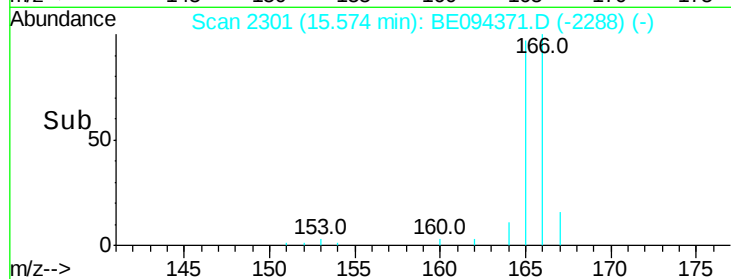
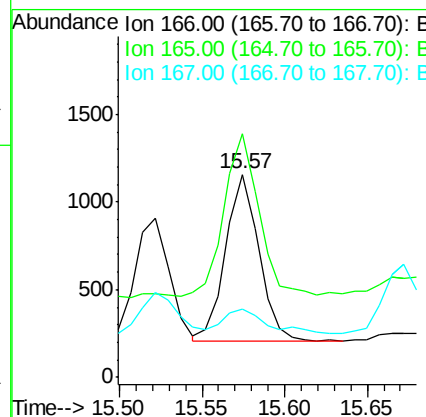
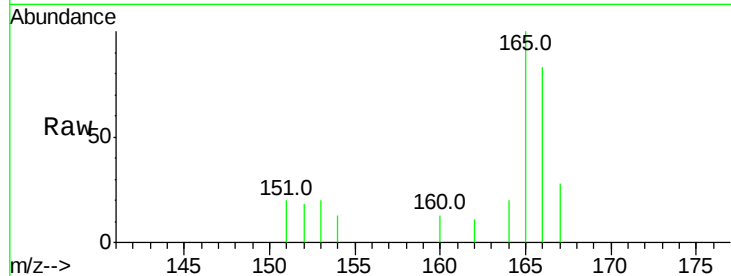




#9
Fluorene
 Concen: 0.069 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BE094371.D
 Acq: 15 Oct 2017 00:54

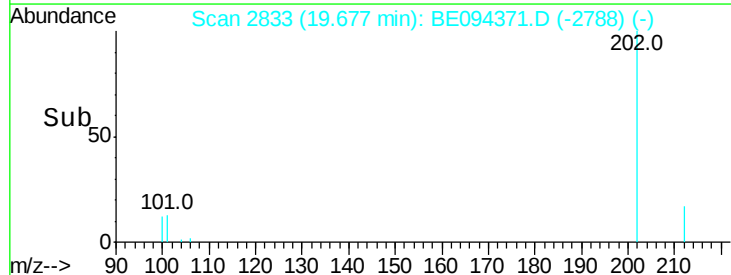
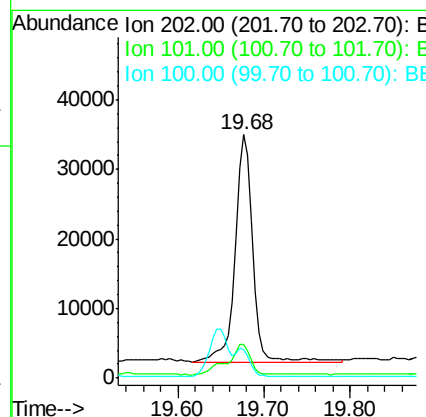
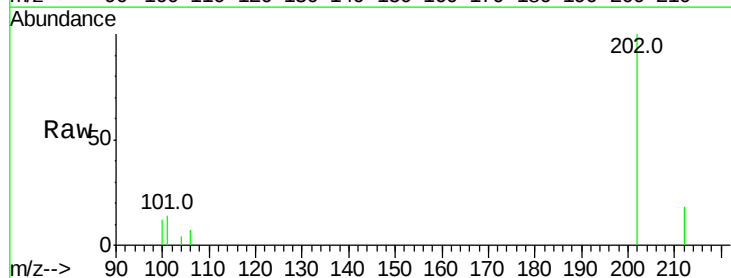
Instrument :
 BNA_E
 ClientSampleId :

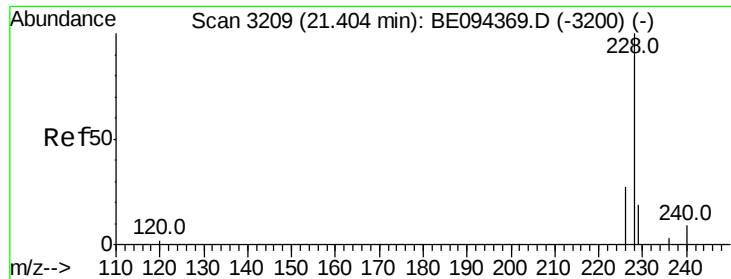
Tot Ion:166 Resp: 1333
 Ion Ratio Lower Upper
 166 100
 165 119.8 73.4 110.2#
 167 33.5 14.6 22.0#



#17
Pyrene
 Concen: 1.701 ng/ul
 RT: 19.68 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BE094371.D
 Acq: 15 Oct 2017 00:54

Tgt Ion:202 Resp: 46878
 Ion Ratio Lower Upper
 202 100
 101 14.0 18.2 27.4#
 100 11.7 15.6 23.4#

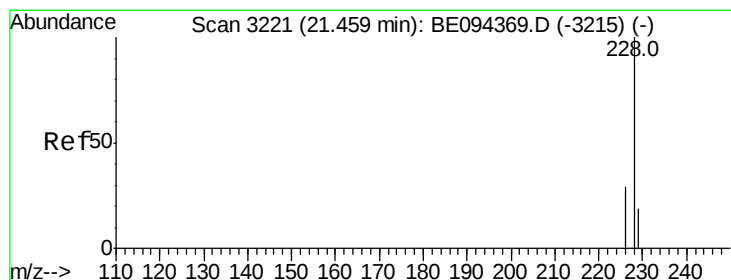
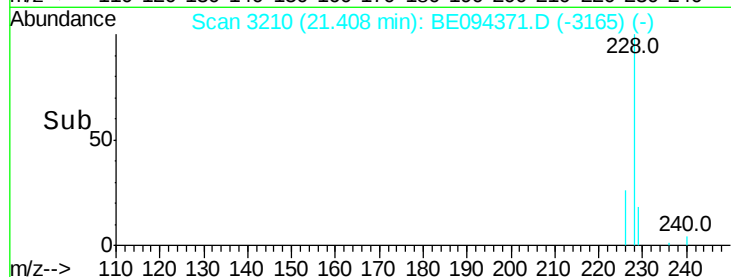
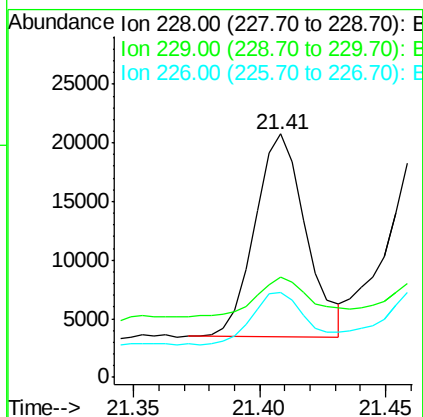
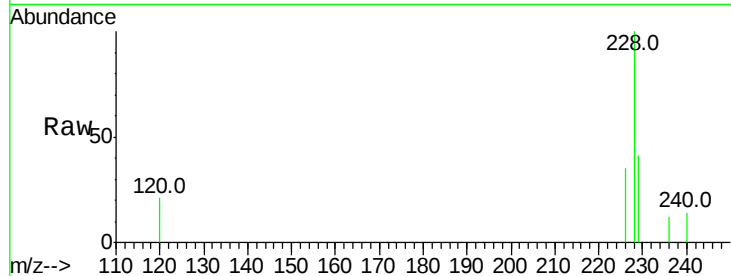




#18
Benzo(a)anthracene
Concen: 0.927 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE094371.D
Acq: 15 Oct 2017 00:54

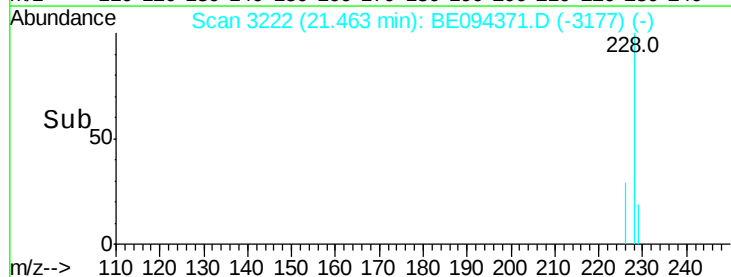
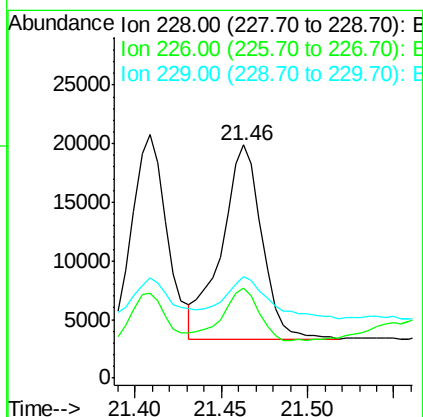
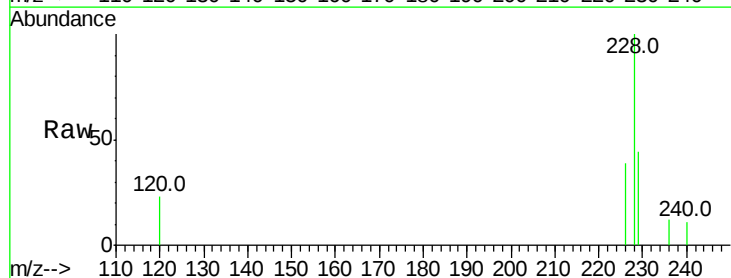
Instrument :
BNA_E
ClientSampleId :

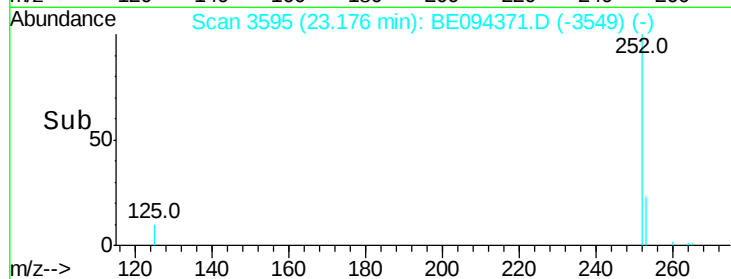
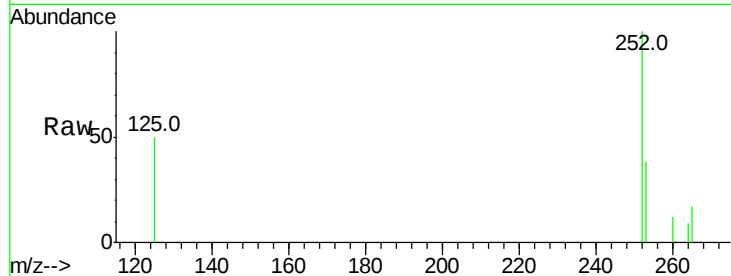
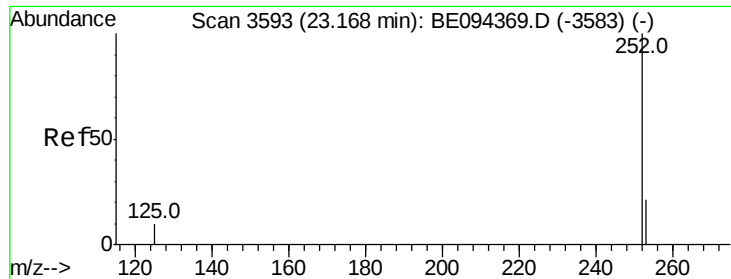
Tot Ion:228 Resp: 24360
Ion Ratio Lower Upper
228 100
229 41.0 22.8 34.2#
226 35.0 17.0 25.6#



#19
Chrysene
Concen: 0.890 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BE094371.D
Acq: 15 Oct 2017 00:54

Tgt Ion:228 Resp: 27015
Ion Ratio Lower Upper
228 100
226 38.9 23.4 35.0#
229 43.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.021 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. 0.01 min

Lab File: BE094371.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 32121

Ion Ratio Lower Upper

252 100

253 38.0 0.0 64.2

125 49.7 0.0 35.0#

