

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094331.D
 Acq On : 13 Oct 2017 20:00
 Operator : SJ/JU
 Sample : I5568-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 04:01:19 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

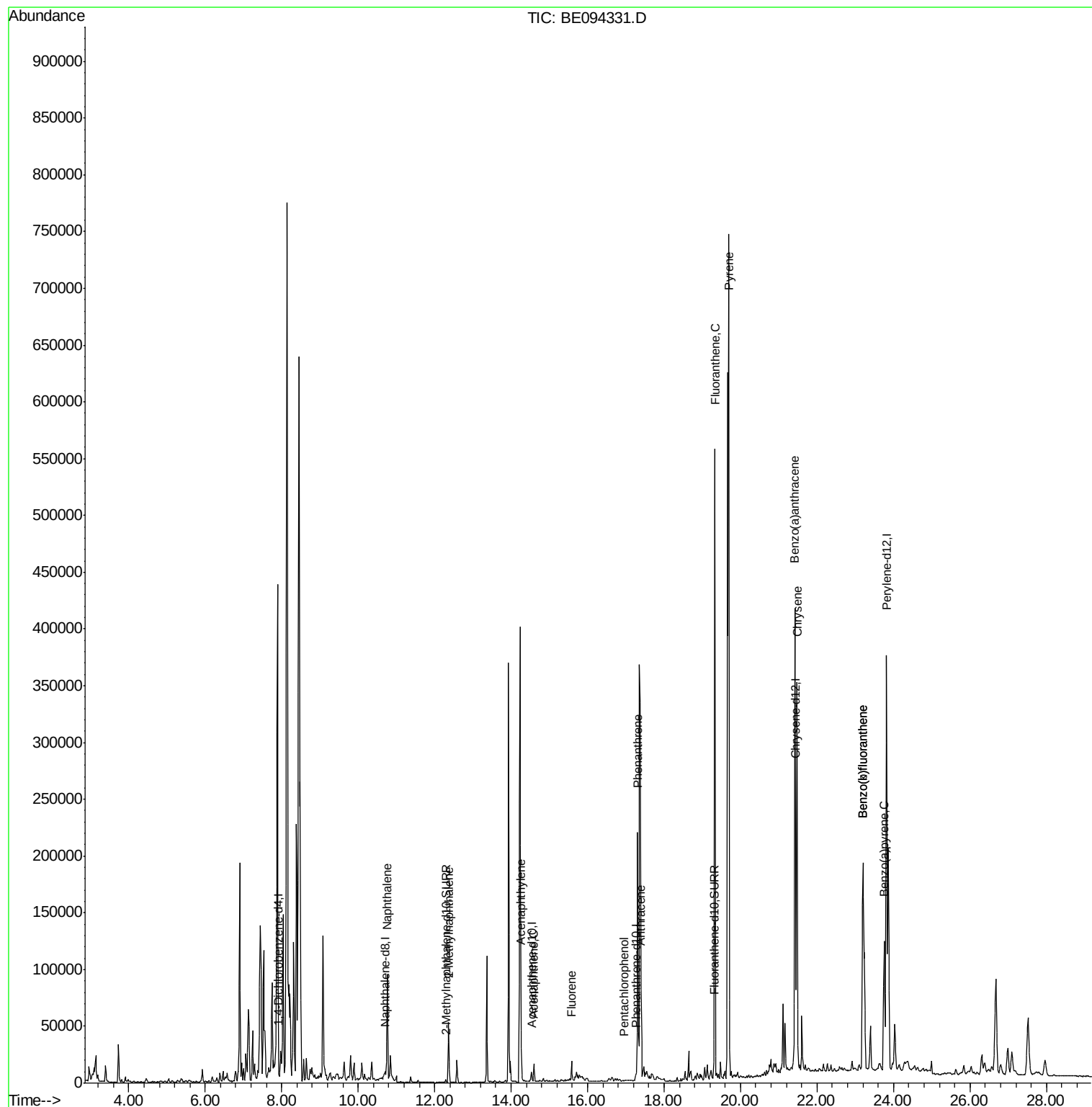
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1620	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4734	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9651	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9068	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	535327	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3535	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	8093	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	135257	6.996	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	44341	3.535	ng/ul	99
7) Acenaphthylene	14.26	152	45417	2.461	ng/ul	97
8) Acenaphthene	14.60	153	9451	0.622	ng/ul	98
9) Fluorene	15.58	166	11239	0.632	ng/ul	92
11) Pentachlorophenol	16.96	266	80	0.071	ng/ul	88
12) Phenanthrene	17.31	178	238757	9.467	ng/ul#	89
13) Anthracene	17.40	178	84592	3.449	ng/ul#	89
15) Fluoranthene	19.33	202	629941	19.010	ng/ul	84
17) Pyrene	19.69	202	805750	31.936	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	373390	15.521	ng/ul#	87
19) Chrysene	21.48	228	350670	12.623	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	331142	0.228	ng/ul	87
22) Benzo(k)fluoranthene	23.20	252	310271	0.185	ng/ul#	89
23) Benzo(a)pyrene	23.75	252	182188	0.121	ng/ul#	86

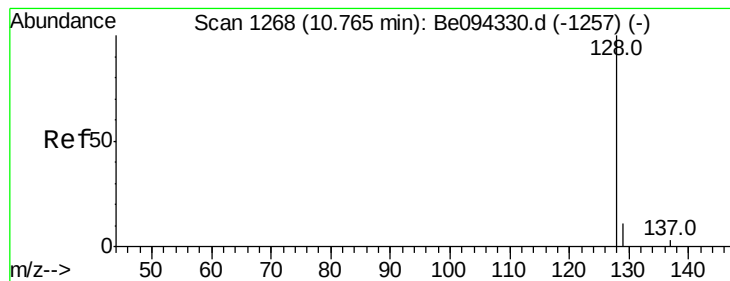
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 14 03:57:24 2017
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#3

Naphthalene

Concen: 6.996 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

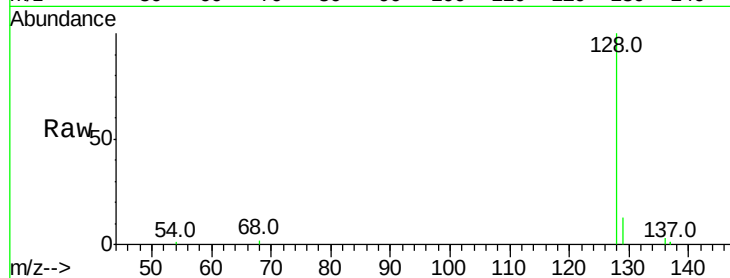
Tot Ion:128 Resp: 135257

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

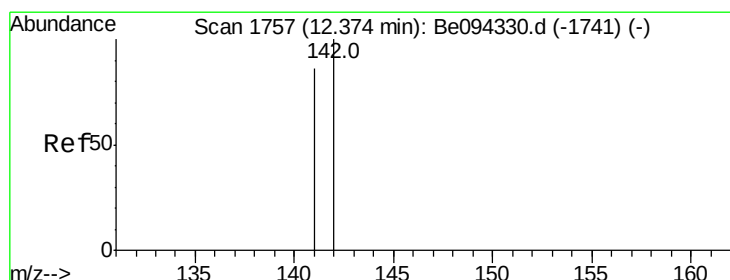
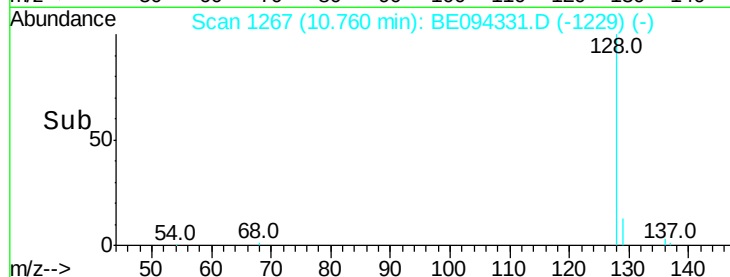
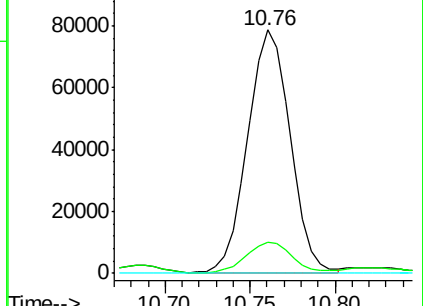
127 0.0 4.0 6.0#



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: 3.535 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BE094331.D

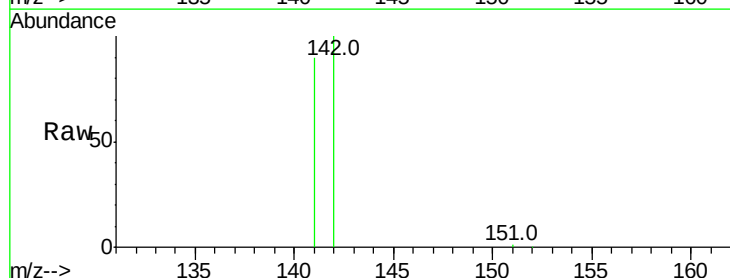
Acq: 13 Oct 2017 20:00

Tgt Ion:142 Resp: 44341

Ion Ratio Lower Upper

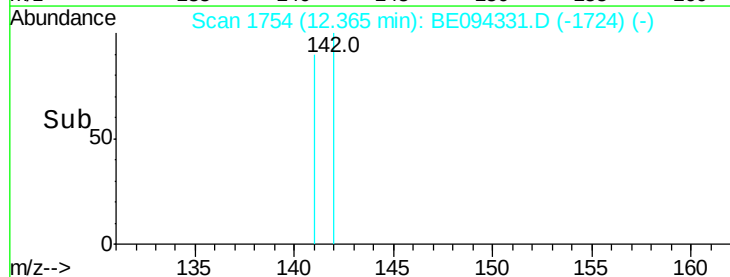
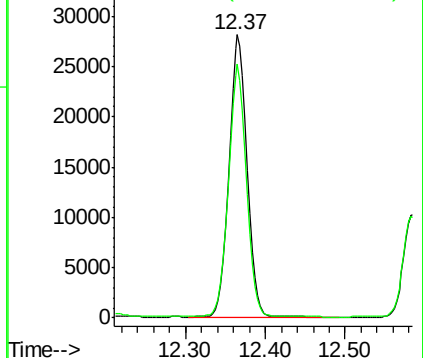
142 100

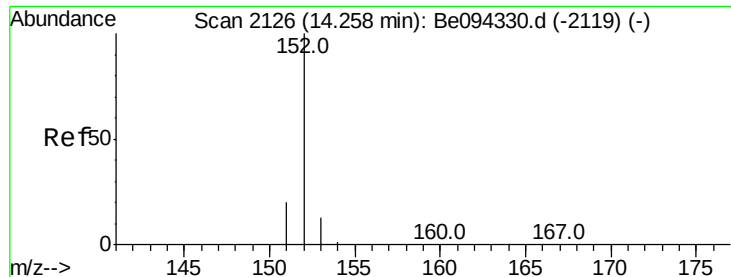
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.461 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

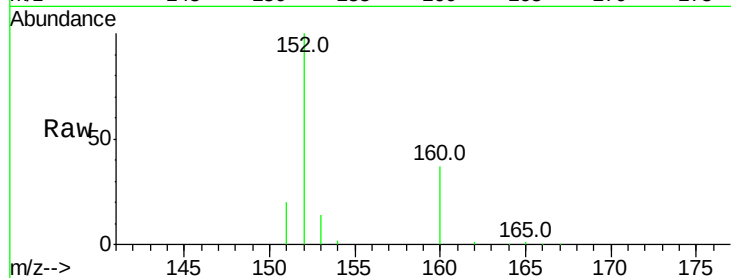
Tot Ion:152 Resp: 45417

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

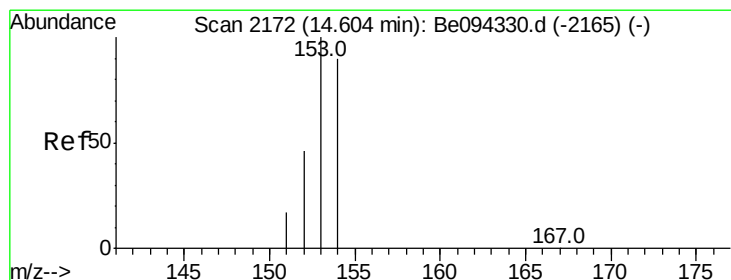
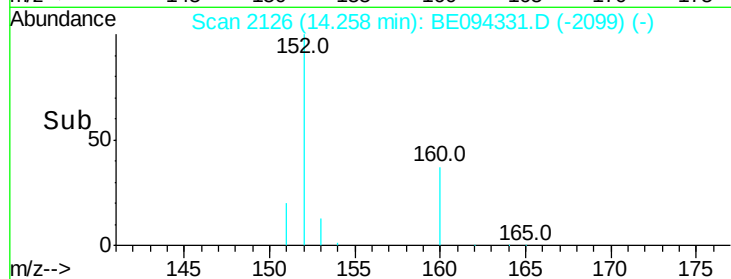
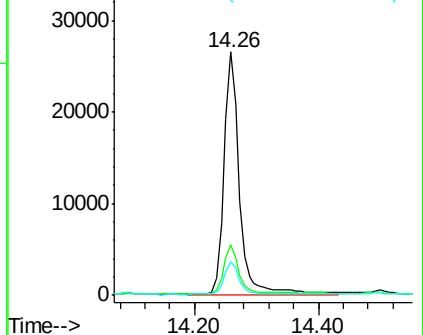
153 13.7 12.8 19.2



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: 0.622 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

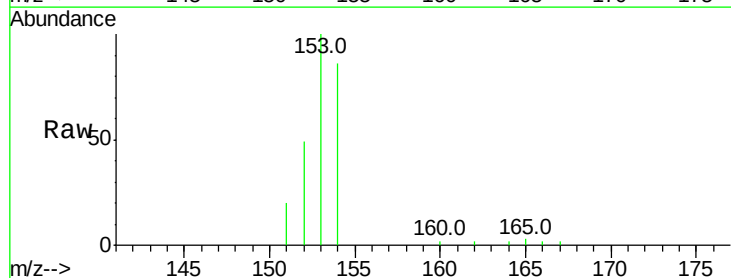
Tgt Ion:153 Resp: 9451

Ion Ratio Lower Upper

153 100

152 49.4 40.3 60.5

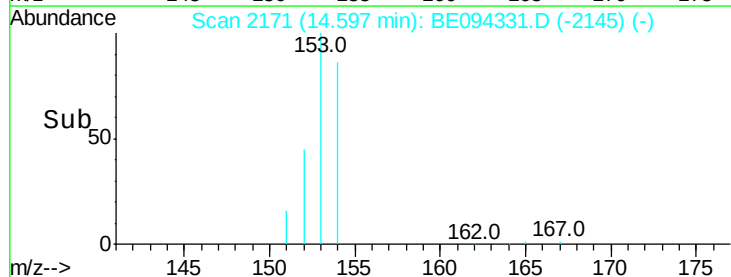
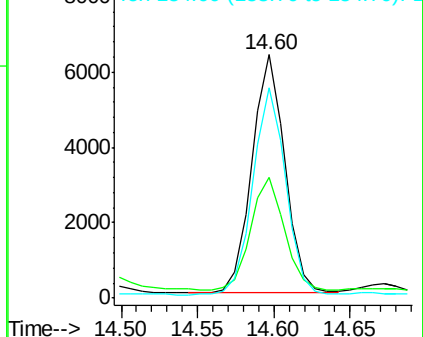
154 86.5 71.4 107.2

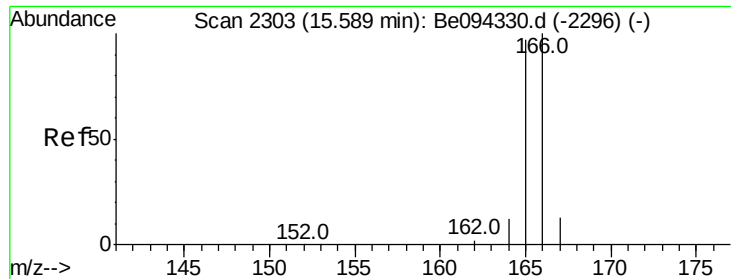


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

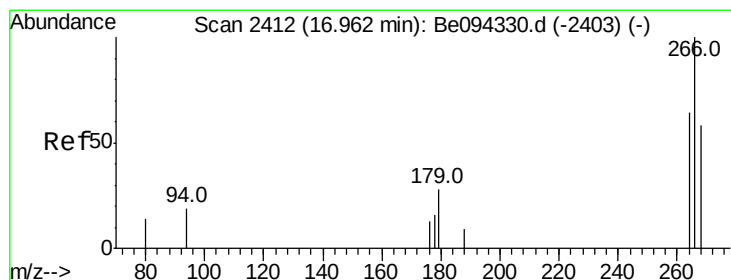
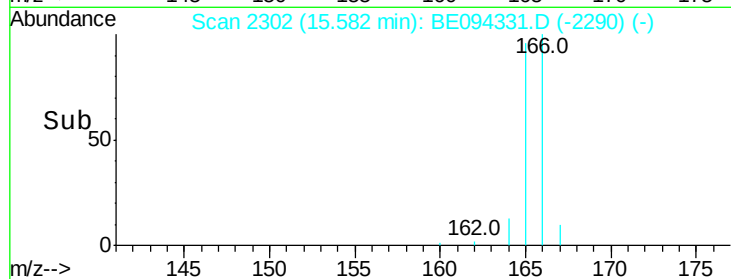
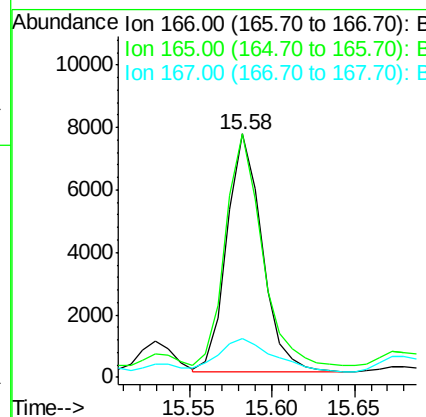
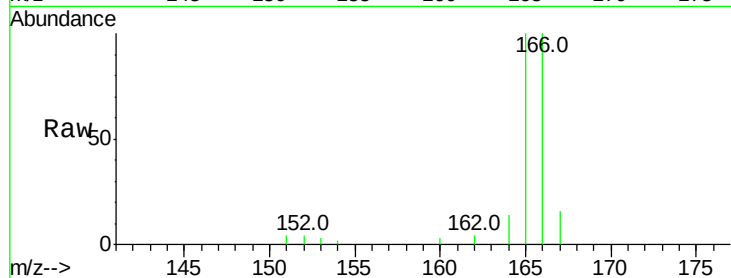




#9
Fluorene
 Concen: 0.632 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

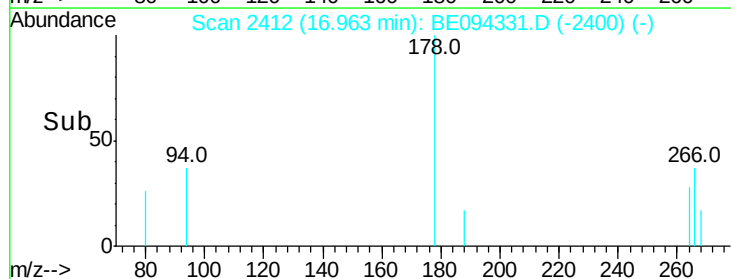
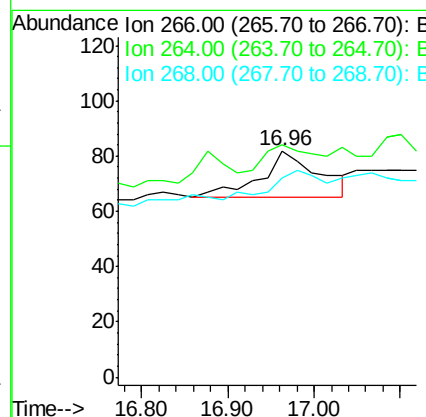
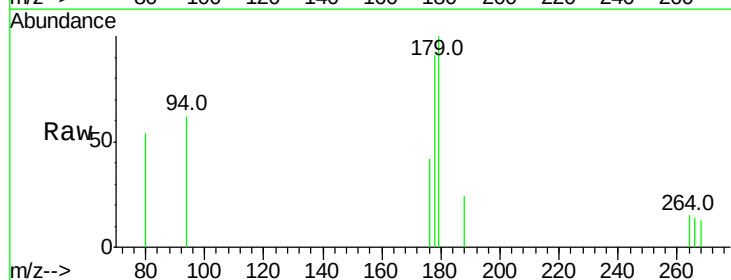
Instrument :
 BNA_E
 ClientSampleId :

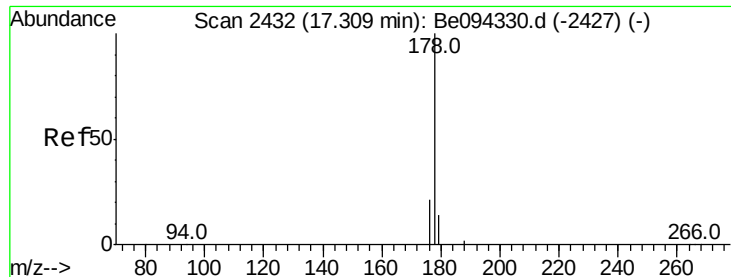
Tot Ion:166 Resp: 11239
 Ion Ratio Lower Upper
 166 100
 165 99.9 73.4 110.2
 167 16.2 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.071 ng/ul
 RT: 16.96 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BE094331.D
 Acq: 13 Oct 2017 20:00

Tgt Ion:266 Resp: 80
 Ion Ratio Lower Upper
 266 100
 264 71.3 47.9 71.9
 268 55.0 49.8 74.8





#12

Phenanthrene

Concen: 9.467 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

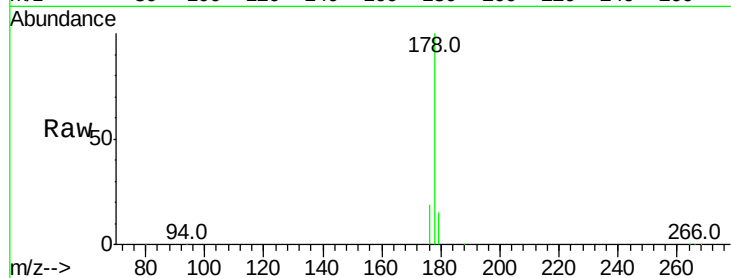
Tot Ion:178 Resp: 238757

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

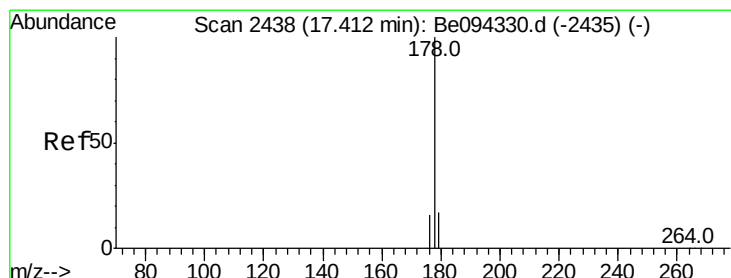
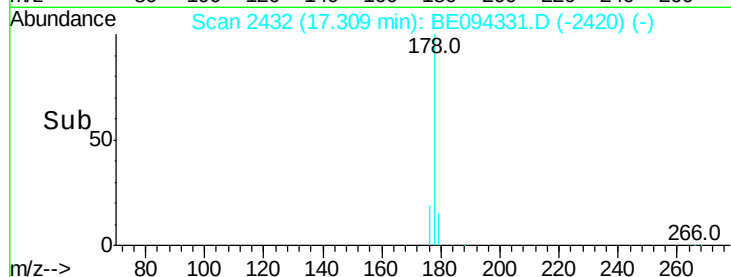
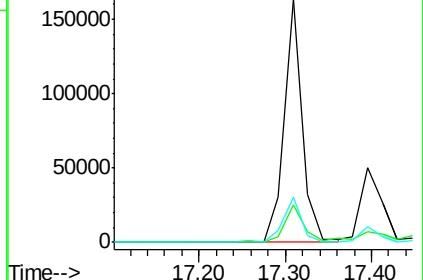
176 18.8 13.6 20.4



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



#13

Anthracene

Concen: 3.449 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

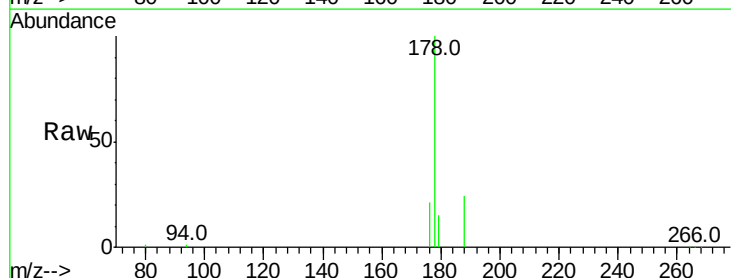
Tgt Ion:178 Resp: 84592

Ion Ratio Lower Upper

178 100

179 14.6 18.1 27.1#

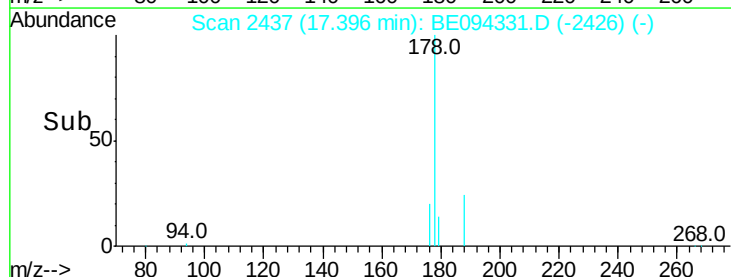
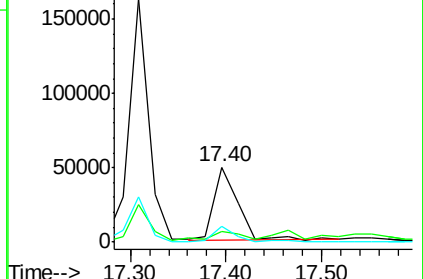
176 20.5 14.7 22.1

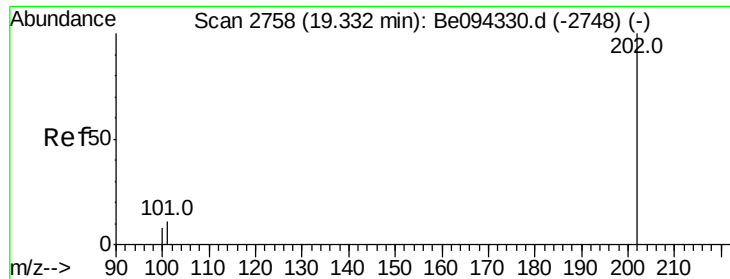


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 19.010 ng/ul

RT: 19.33 min Scan# 2757

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

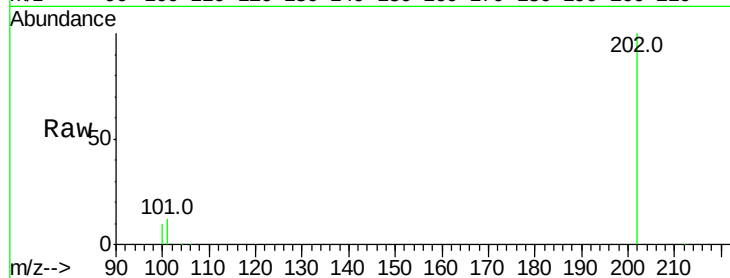
Tot Ion:202 Resp: 629941

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

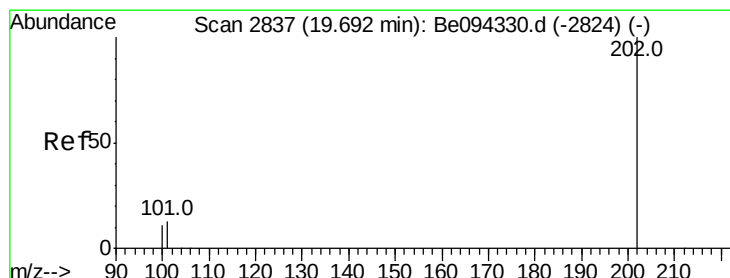
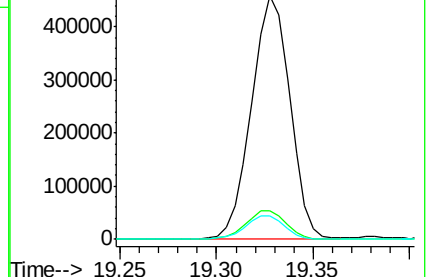
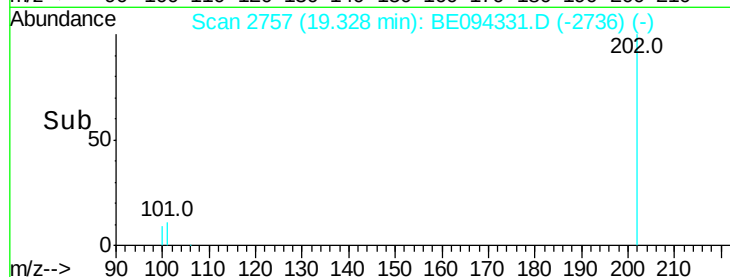
100 9.6 0.0 39.5



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: 31.936 ng/ul

RT: 19.69 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

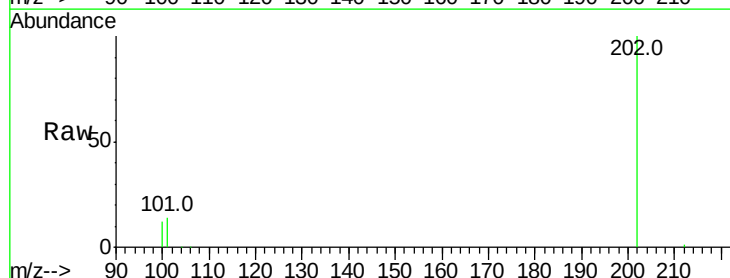
Tgt Ion:202 Resp: 805750

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

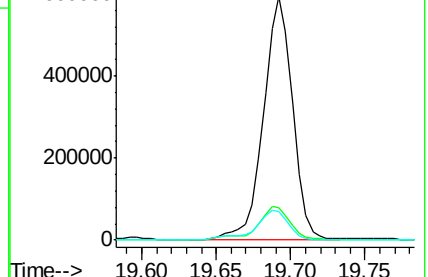
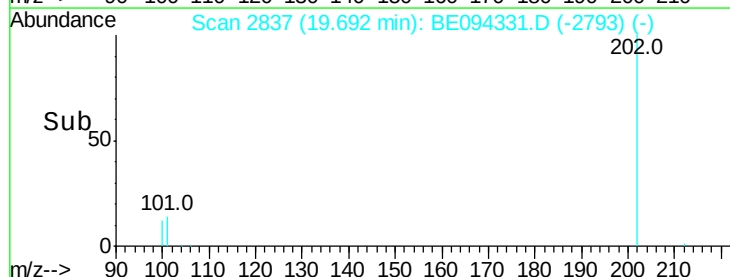
100 11.5 15.6 23.4#

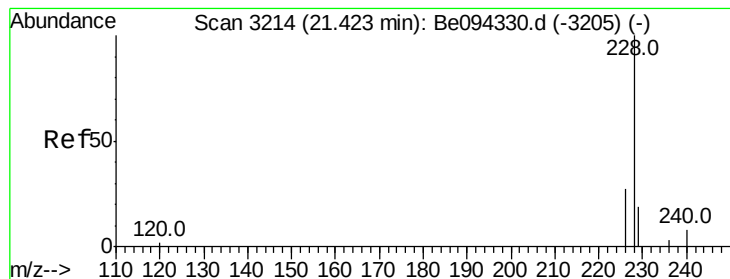


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 15.521 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

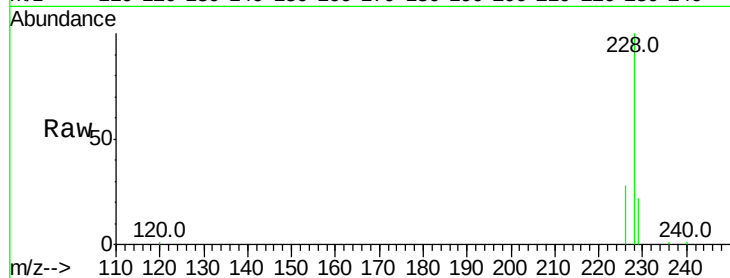
Tot Ion:228 Resp: 373390

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

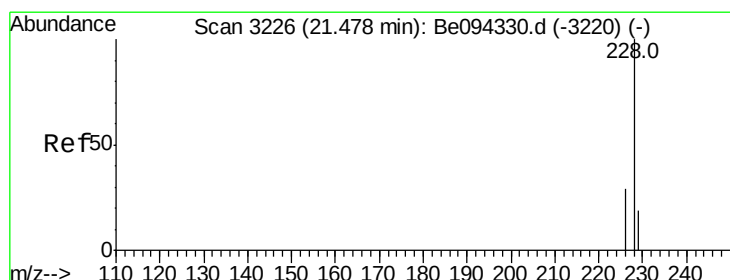
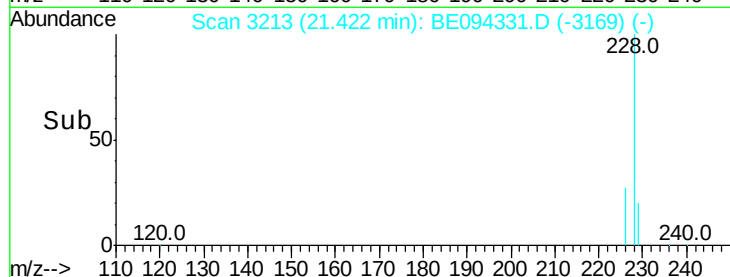
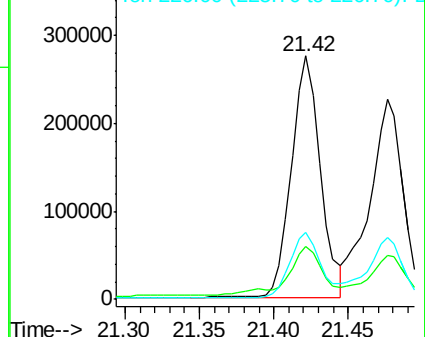
226 27.6 17.0 25.6#



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: 12.623 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

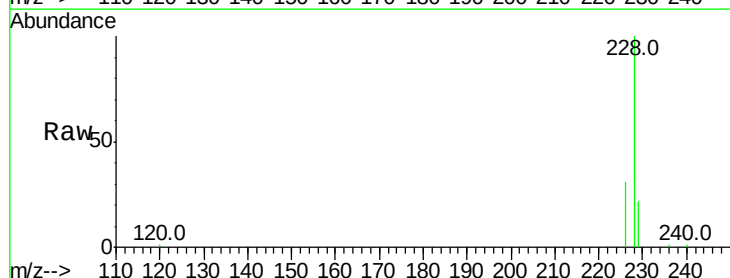
Tgt Ion:228 Resp: 350670

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

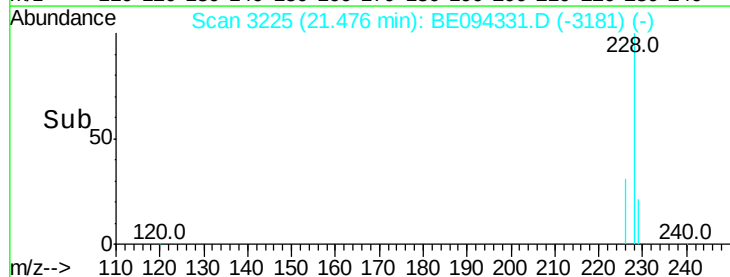
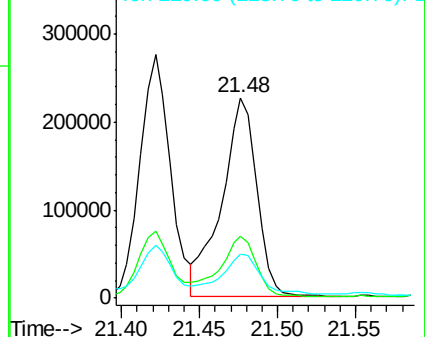
229 22.1 17.7 26.5

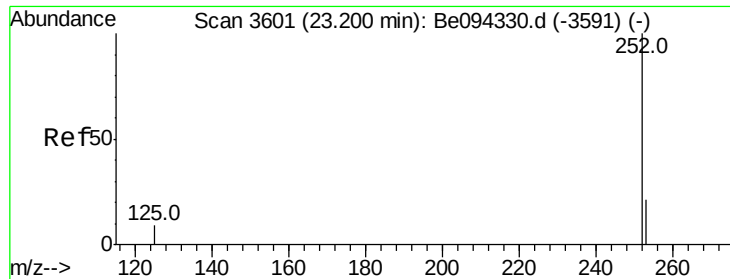


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.228 ng/ul

RT: 23.20 min Scan# 3600

Delta R.T. -0.00 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

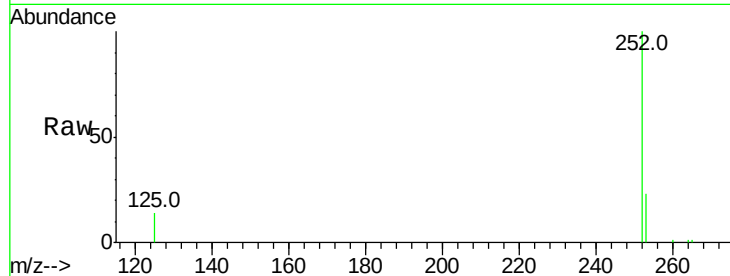
Tot Ion:252 Resp: 331142

Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

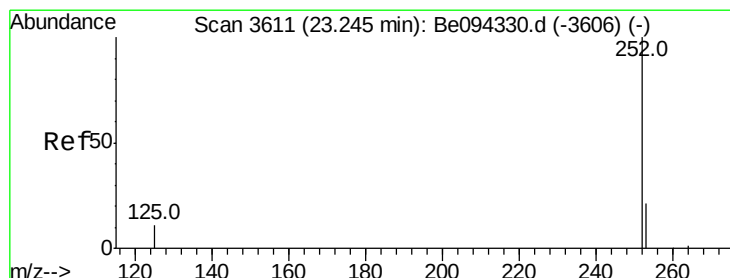
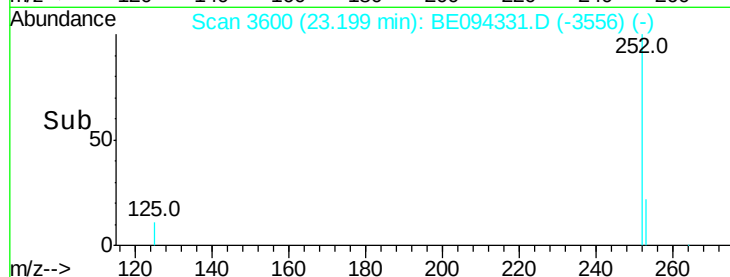
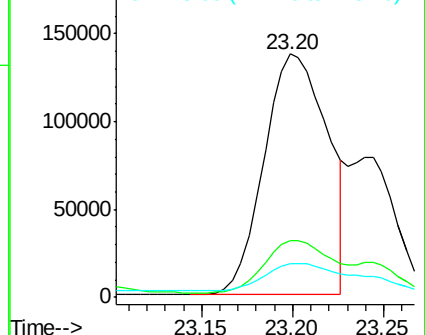
125 13.9 0.0 35.0



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: 0.185 ng/ul

RT: 23.20 min Scan# 3600

Delta R.T. -0.05 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

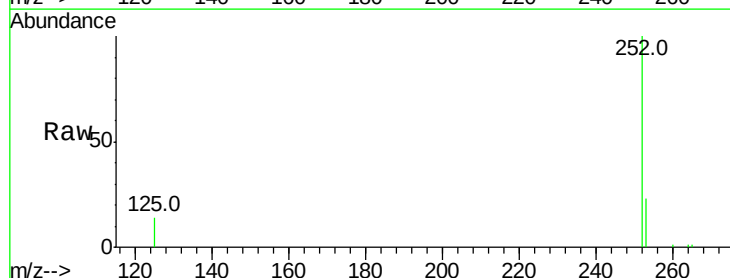
Tgt Ion:252 Resp: 310271

Ion Ratio Lower Upper

252 100

253 23.4 24.5 36.7#

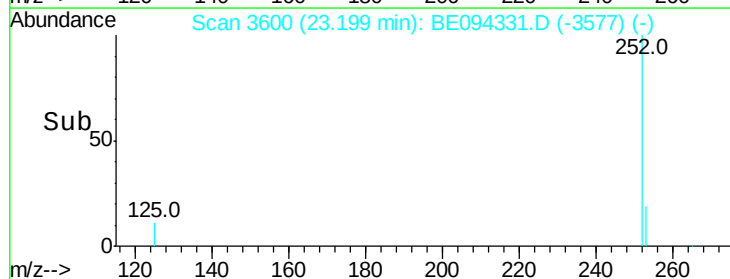
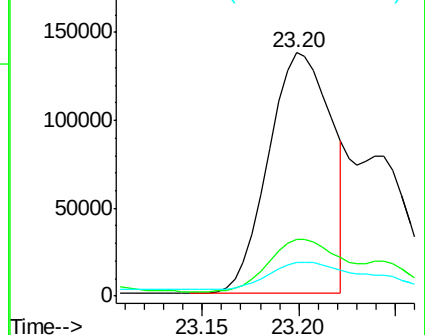
125 13.9 13.7 20.5

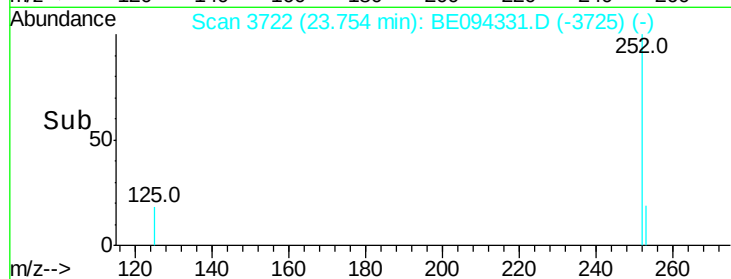
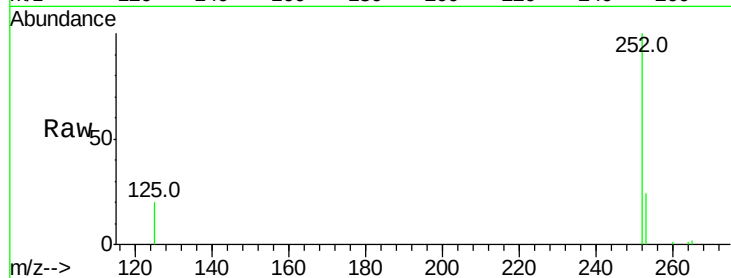
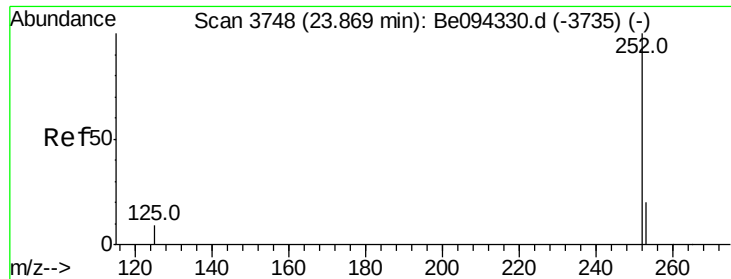


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.121 ng/ul

RT: 23.75 min Scan# 3722

Delta R.T. -0.12 min

Lab File: BE094331.D

Acq: 13 Oct 2017 20:00

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 182188

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

125 19.8 18.1 27.1

