

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094370.D
 Acq On : 15 Oct 2017 00:18
 Operator : SJ/JU
 Sample : I5548-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:11:27 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 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1674	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8648	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	7712	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10751	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	13714	0.40	ng/ul	0.00
20) Perylene-d12	23.84	264	370689	0.40	ng/ul	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	2878	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	6775	0.19	ng/ul	-0.01

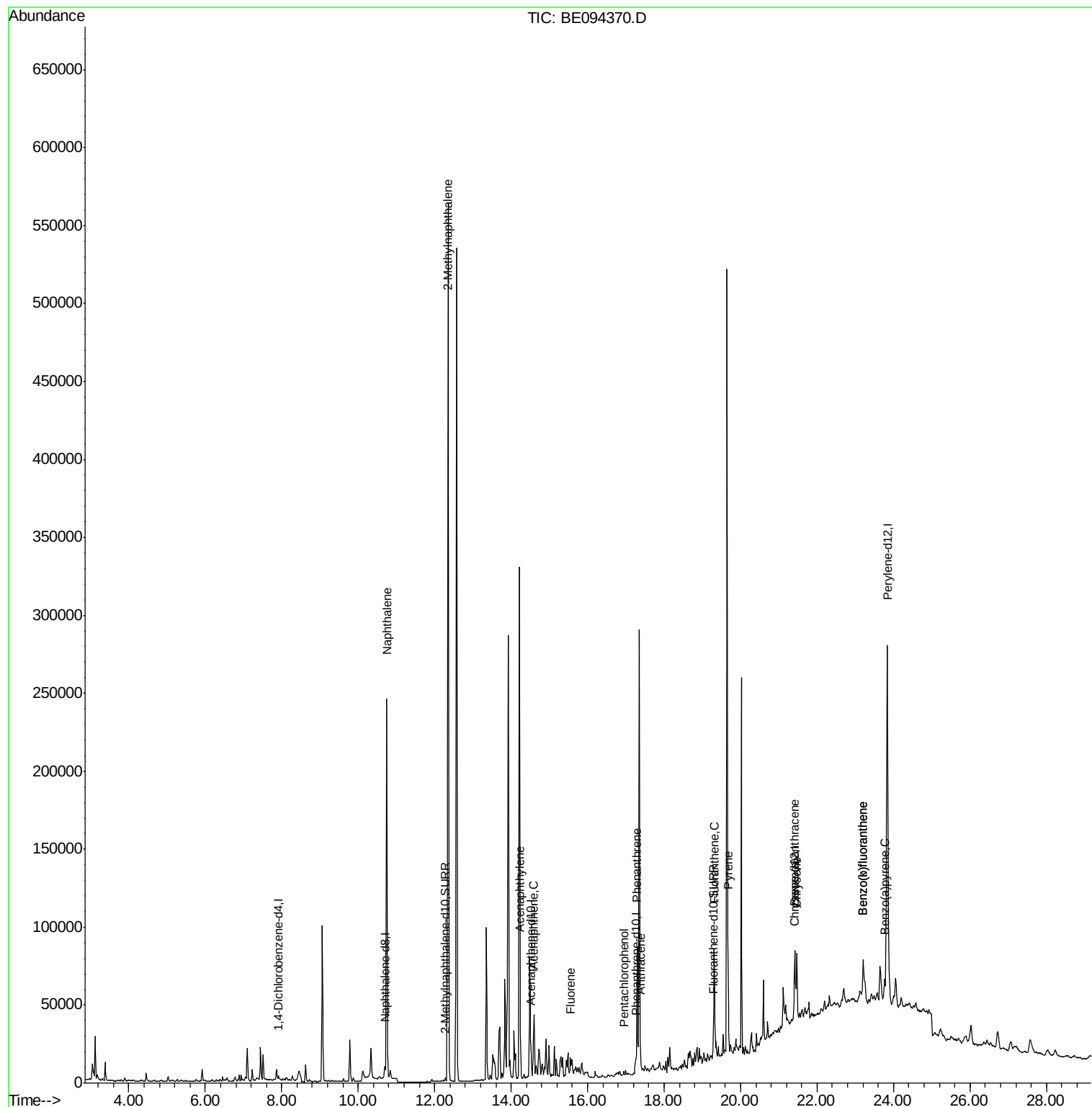
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	372230	17.573	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	472422	34.379	ng/ul	98
7) Acenaphthylene	14.24	152	11315	0.376	ng/ul#	1
8) Acenaphthene	14.59	153	18370	0.742	ng/ul#	67
9) Fluorene	15.57	166	5914	0.204	ng/ul#	65
11) Pentachlorophenol	16.94	266	278	0.220	ng/ul#	86
12) Phenanthrene	17.29	178	91881	3.270	ng/ul#	90
13) Anthracene	17.38	178	10599	0.388	ng/ul#	66
15) Fluoranthene	19.31	202	77633	2.103	ng/ul	82
17) Pyrene	19.68	202	78837	2.066	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	40757	1.120	ng/ul#	67
19) Chrysene	21.47	228	44029	1.048	ng/ul#	62
21) Benzo(b)fluoranthene	23.21	252	50476	0.050	ng/ul#	1
22) Benzo(k)fluoranthene	23.21	252	50476	0.043	ng/ul#	1
23) Benzo(a)pyrene	23.77	252	26030	0.025	ng/ul#	1

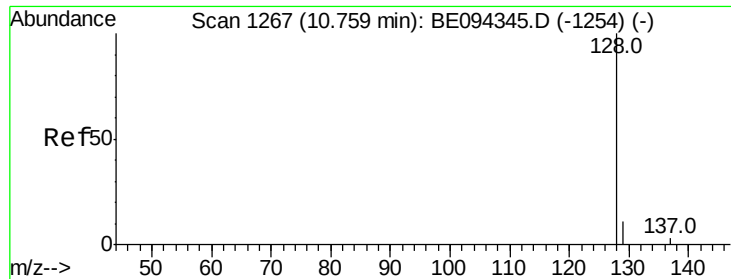
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 17.573 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampled :

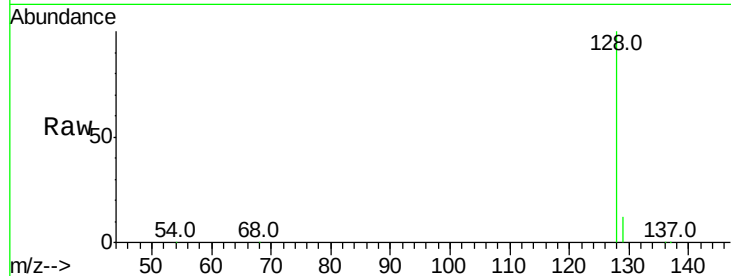
Tot Ion:128 Resp: 372230

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

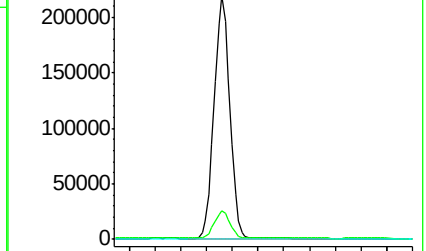
127 0.0 4.0 6.0#



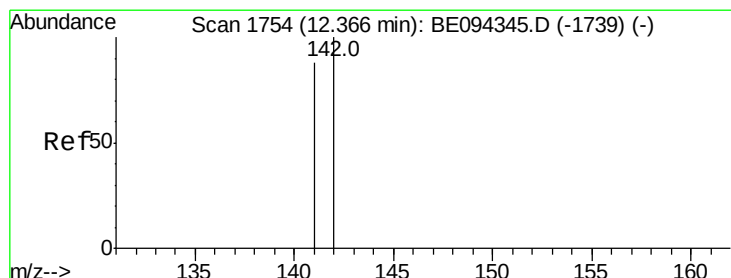
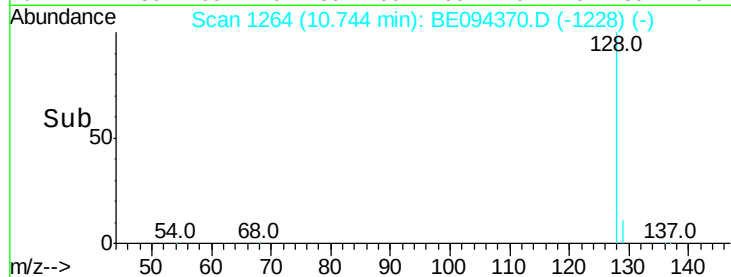
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.60 10.80 11.00



#5

2-Methylnaphthalene

Concen: 34.379 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BE094370.D

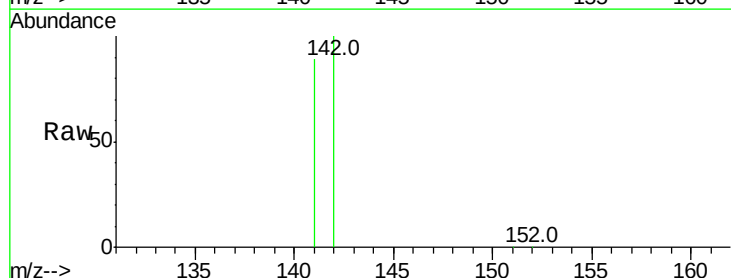
Acq: 15 Oct 2017 00:18

Tgt Ion:142 Resp: 472422

Ion Ratio Lower Upper

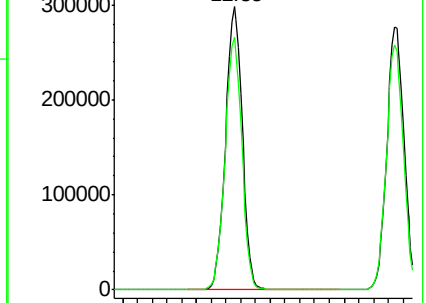
142 100

141 89.2 72.6 108.8

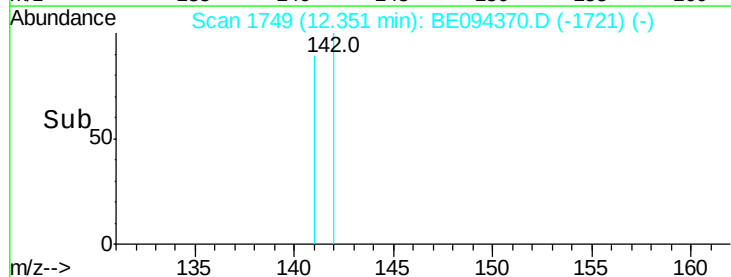


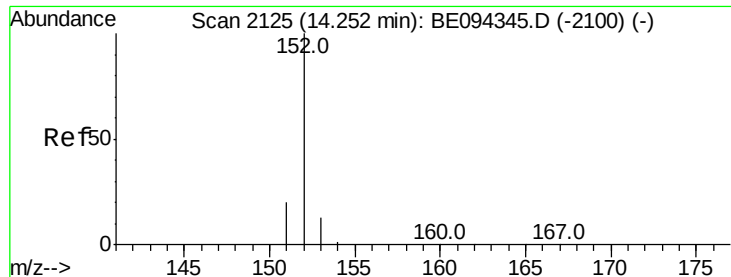
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 12.20 12.30 12.40 12.50





#7

Acenaphthylene

Concen: 0.376 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampleId :

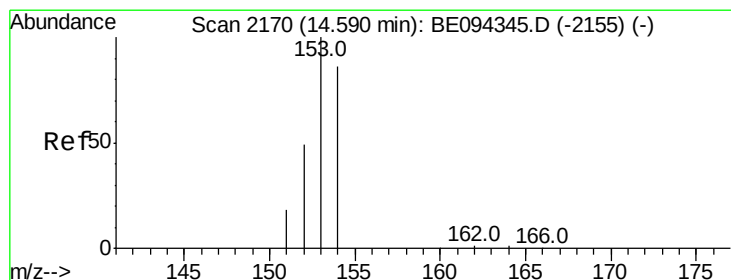
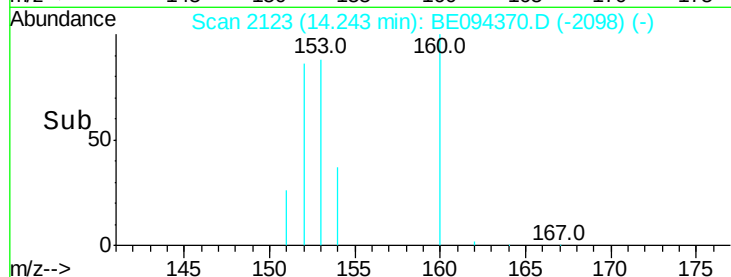
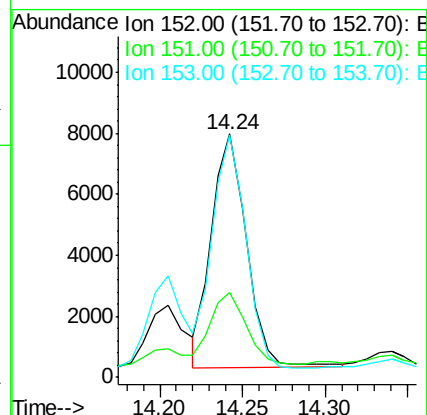
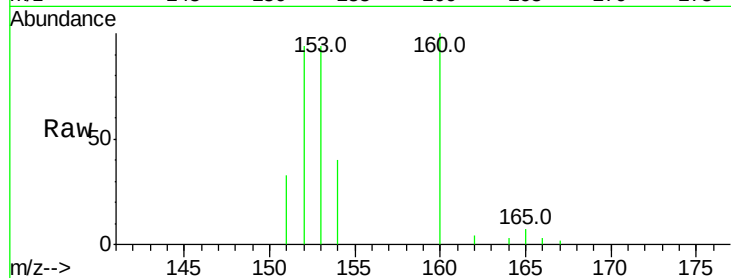
Tot Ion:152 Resp: 11315

Ion Ratio Lower Upper

152 100

151 35.1 17.1 25.7#

153 99.7 12.8 19.2#



#8

Acenaphthene

Concen: 0.742 ng/ul

RT: 14.59 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

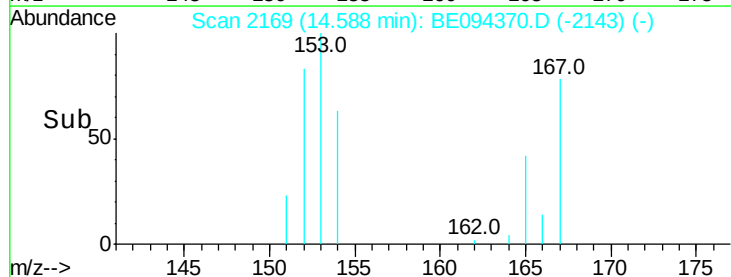
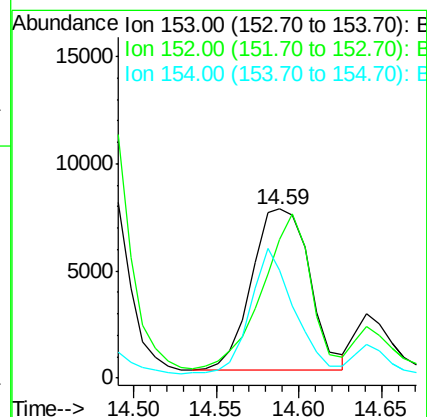
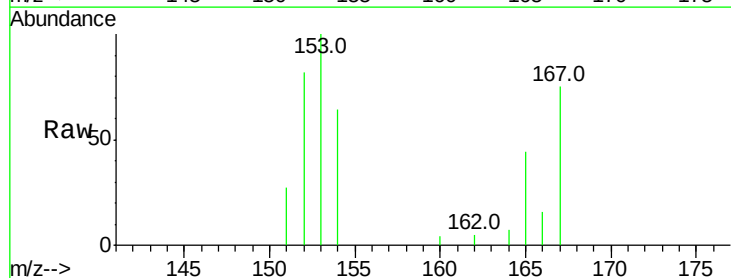
Tgt Ion:153 Resp: 18370

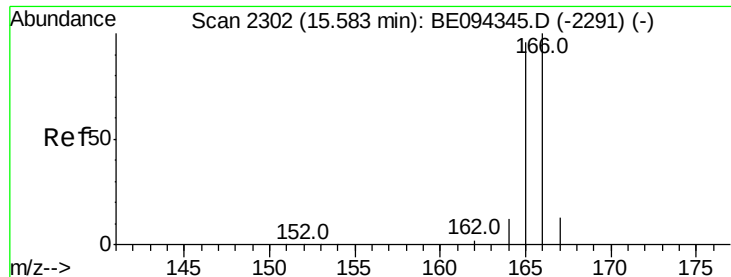
Ion Ratio Lower Upper

153 100

152 81.8 40.3 60.5#

154 64.3 71.4 107.2#

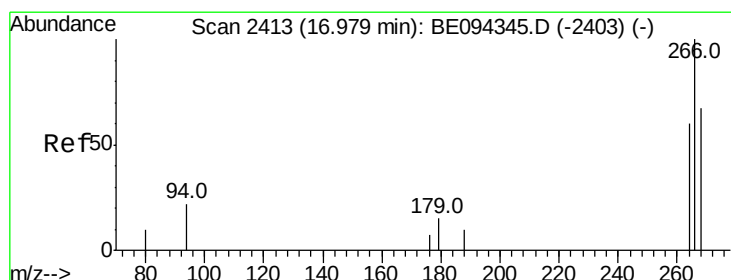
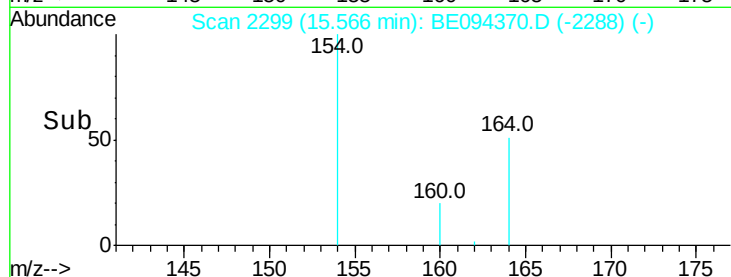
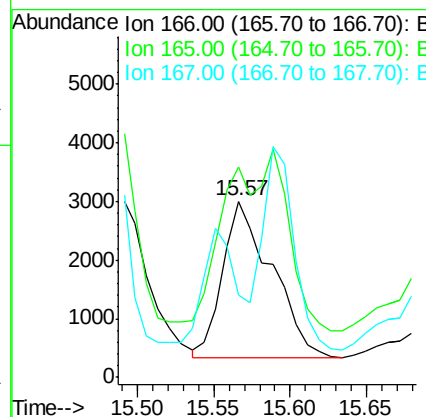
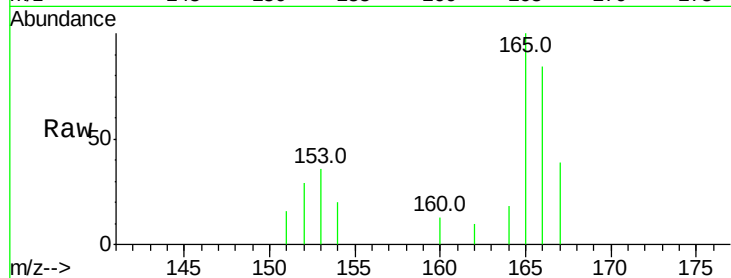




#9
Fluorene
 Concen: 0.204 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094370.D
 Acq: 15 Oct 2017 00:18

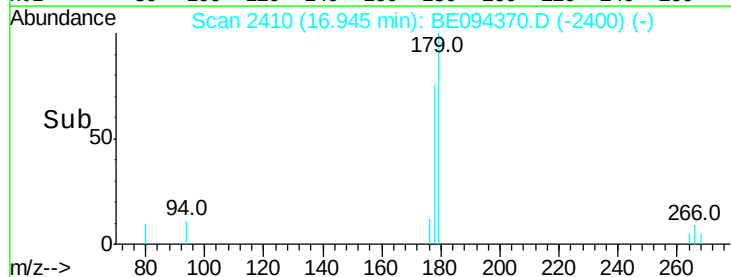
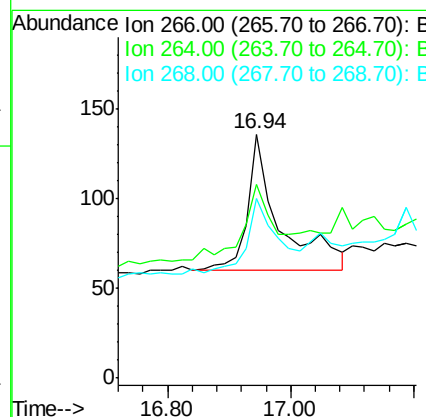
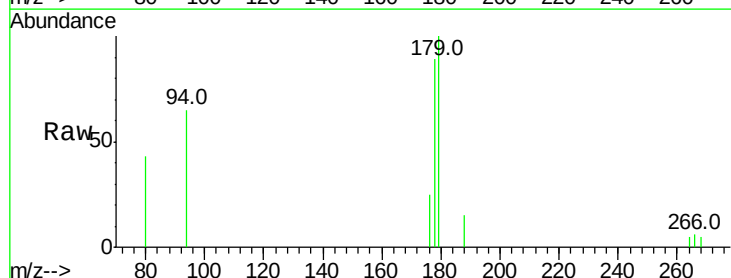
Instrument :
 BNA_E
 ClientSampleId :

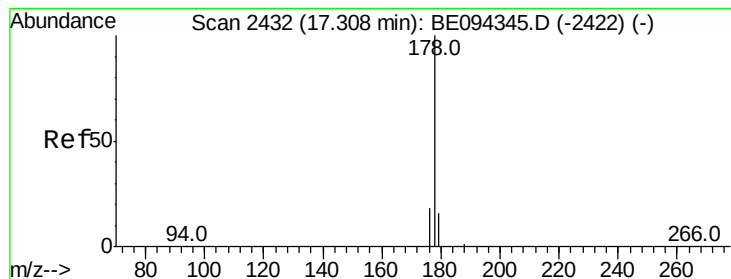
Tot Ion:166 Resp: 5914
 Ion Ratio Lower Upper
 166 100
 165 119.2 73.4 110.2#
 167 46.9 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.220 ng/ul
 RT: 16.94 min Scan# 2410
 Delta R.T. -0.03 min
 Lab File: BE094370.D
 Acq: 15 Oct 2017 00:18

Tgt Ion:266 Resp: 278
 Ion Ratio Lower Upper
 266 100
 264 73.7 47.9 71.9#
 268 55.0 49.8 74.8





#12

Phenanthrene

Concen: 3.270 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampleId :

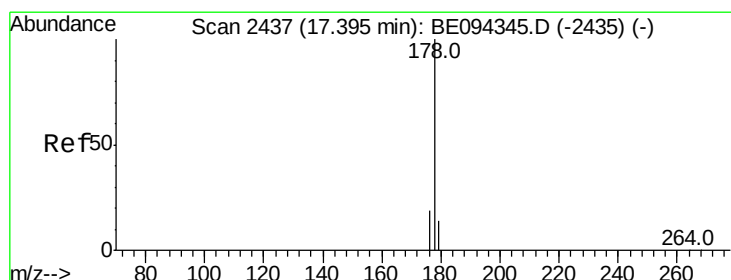
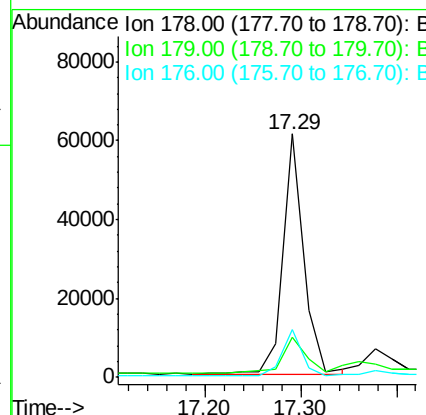
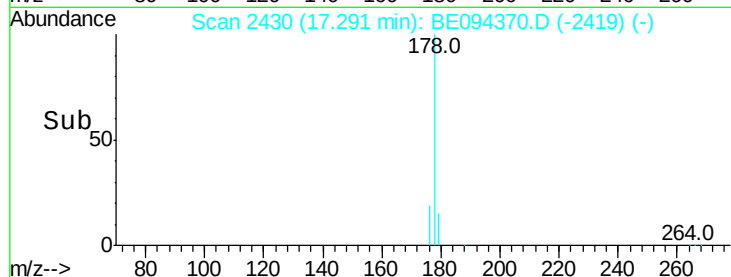
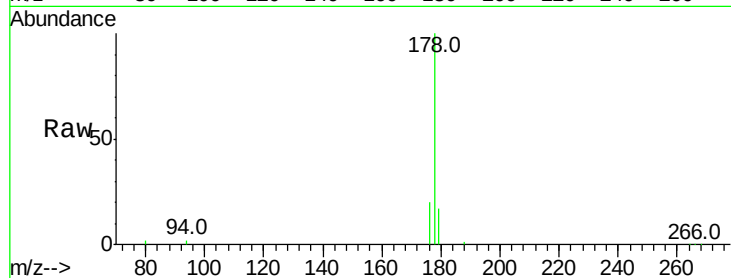
Tot Ion:178 Resp: 91881

Ion Ratio Lower Upper

178 100

179 16.7 18.4 27.6#

176 19.5 13.6 20.4



#13

Anthracene

Concen: 0.388 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

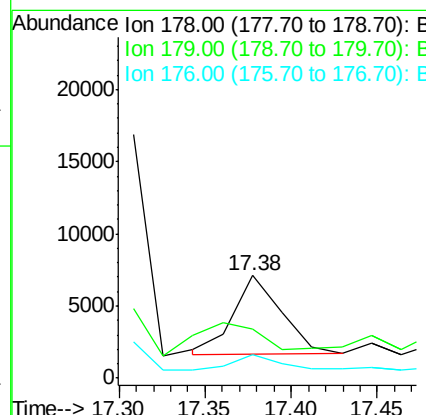
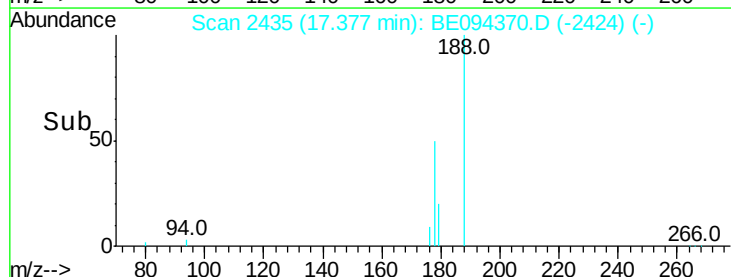
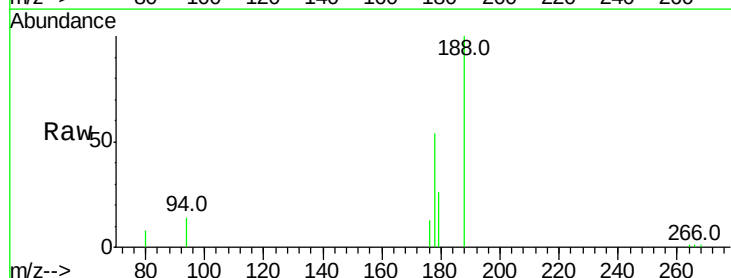
Tgt Ion:178 Resp: 10599

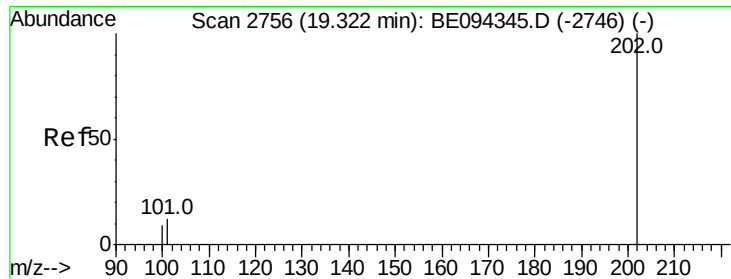
Ion Ratio Lower Upper

178 100

179 48.3 18.1 27.1#

176 23.0 14.7 22.1#





#15

Fluoranthene

Concen: 2.103 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampleId :

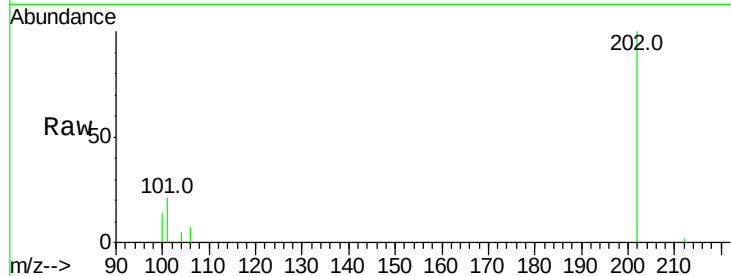
Tot Ion:202 Resp: 77633

Ion Ratio Lower Upper

202 100

101 21.5 0.0 30.3

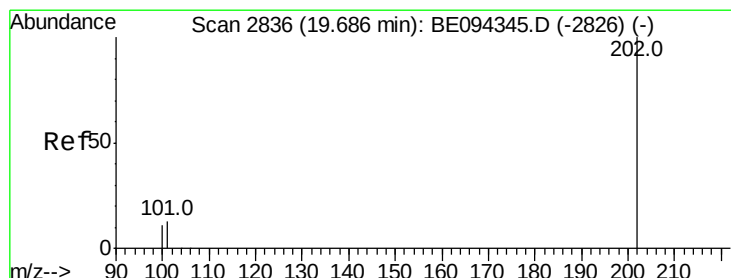
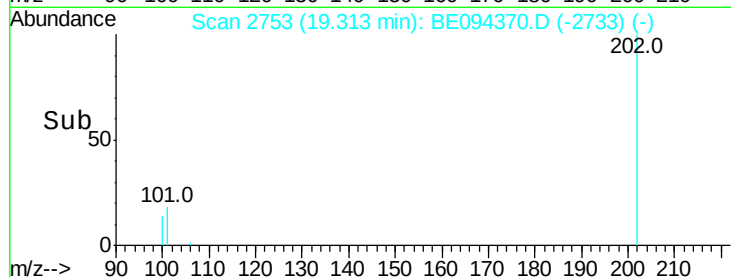
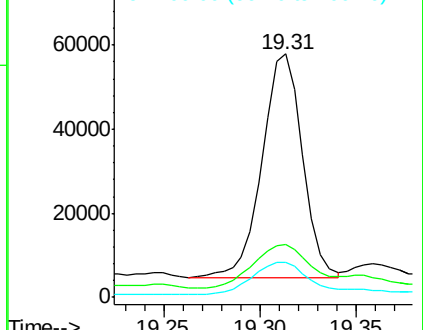
100 14.5 0.0 39.5



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: 2.066 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

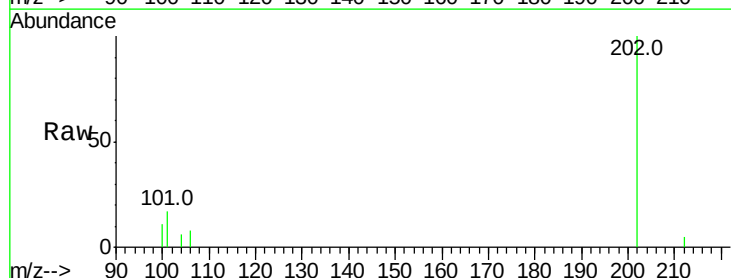
Tgt Ion:202 Resp: 78837

Ion Ratio Lower Upper

202 100

101 17.1 18.2 27.4#

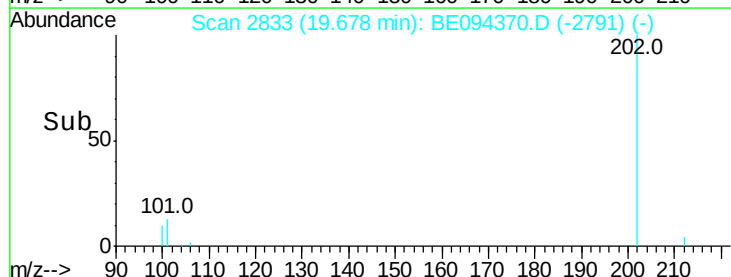
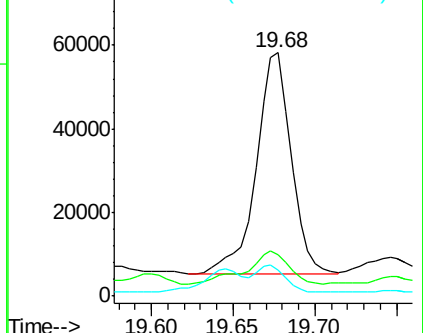
100 10.6 15.6 23.4#

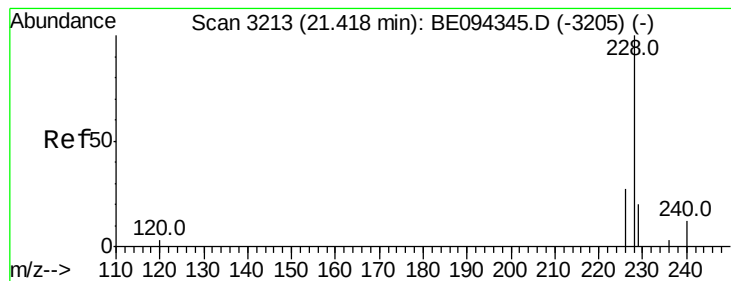


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 1.120 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampleId :

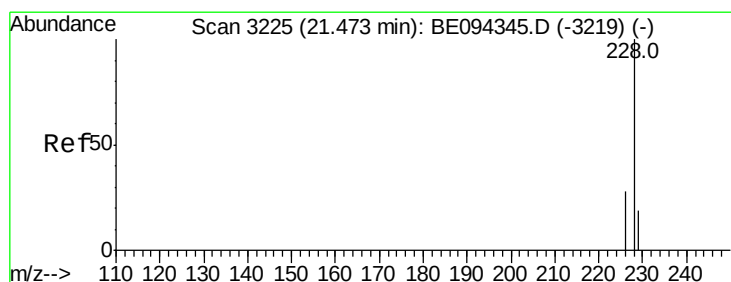
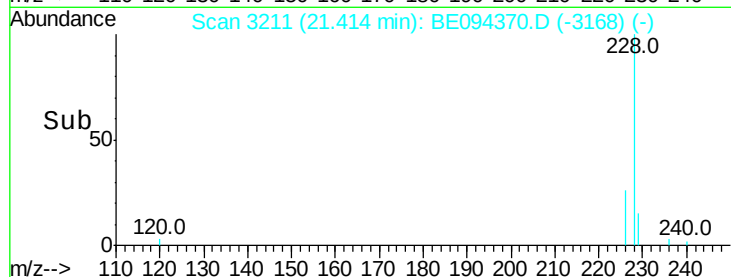
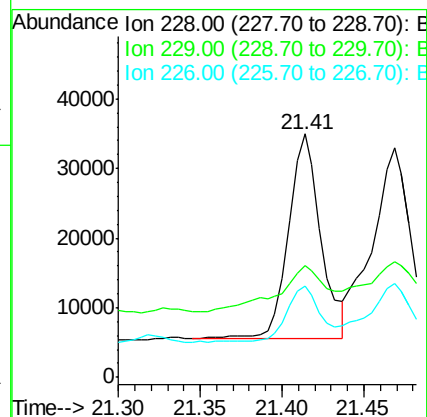
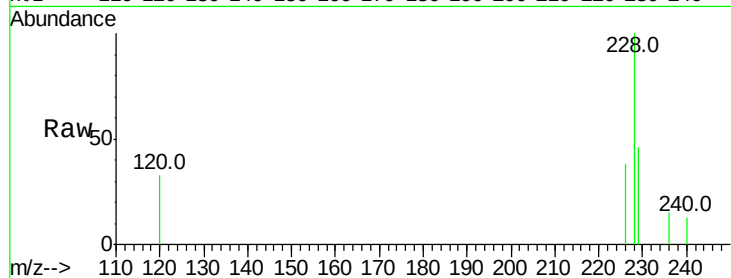
Tot Ion:228 Resp: 40757

Ion Ratio Lower Upper

228 100

229 45.8 22.8 34.2#

226 37.5 17.0 25.6#



#19

Chrysene

Concen: 1.048 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

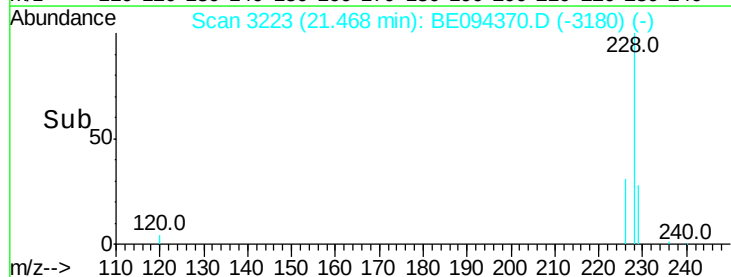
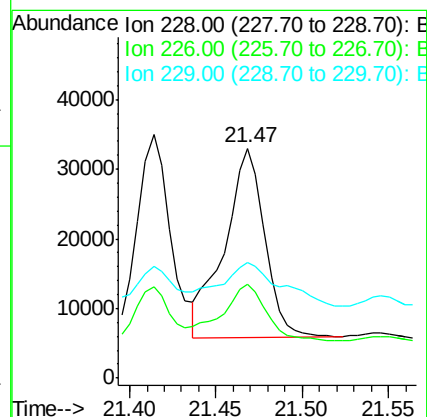
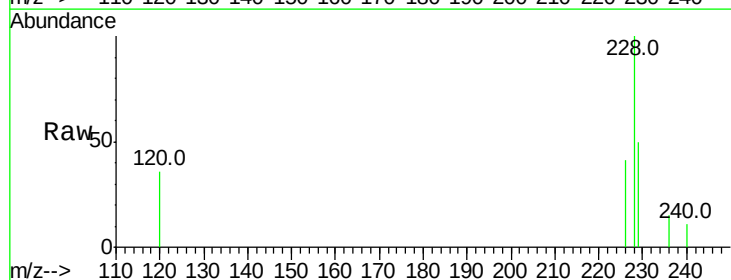
Tgt Ion:228 Resp: 44029

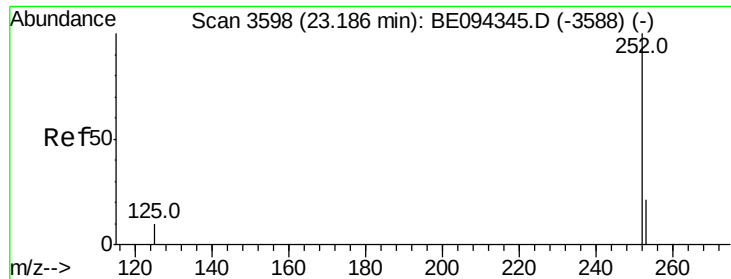
Ion Ratio Lower Upper

228 100

226 40.8 23.4 35.0#

229 50.4 17.7 26.5#

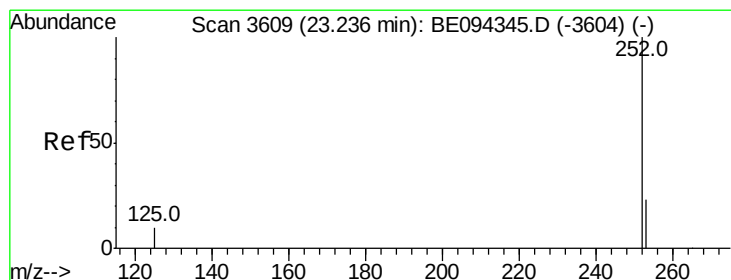
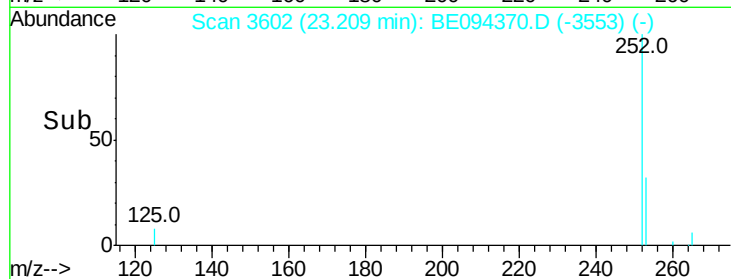
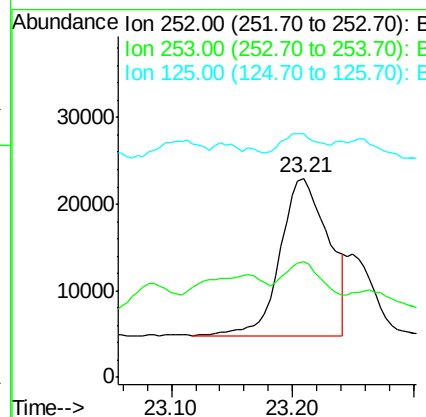
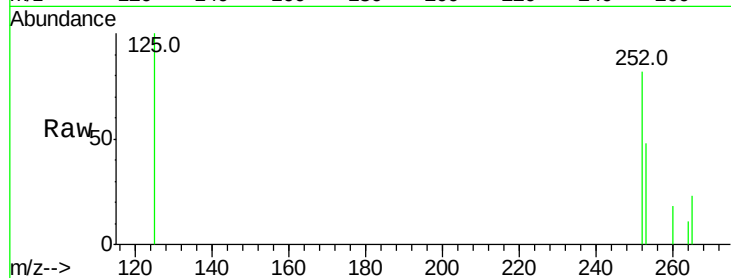




#21
Benzo(b)fluoranthene
Concen: 0.050 ng/ul
RT: 23.21 min Scan# 3602
Delta R.T. 0.02 min
Lab File: BE094370.D
Acq: 15 Oct 2017 00:18

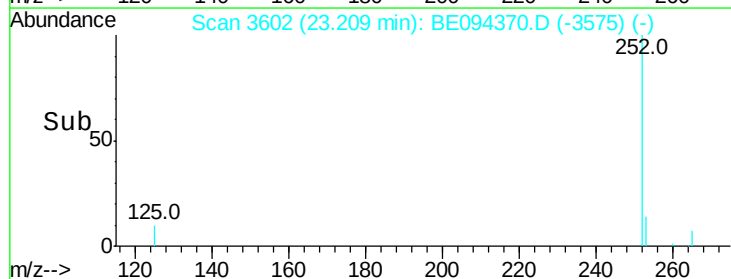
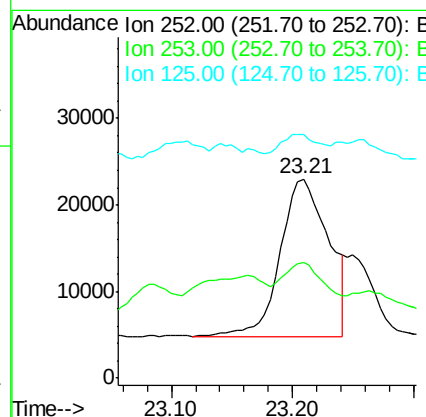
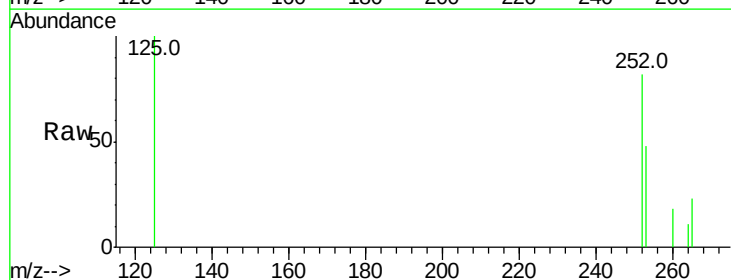
Instrument :
BNA_E
ClientSampleId :

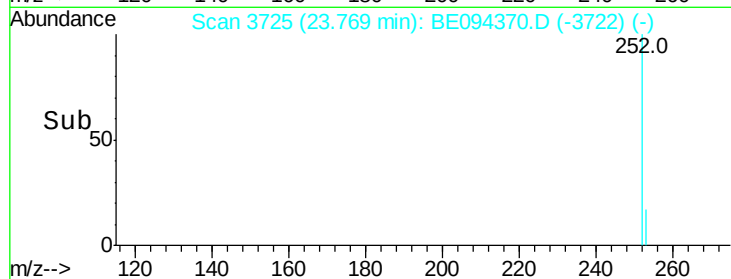
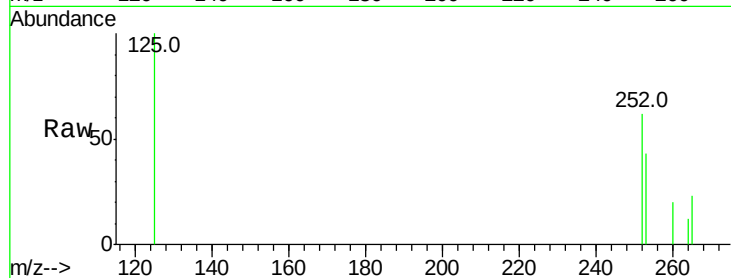
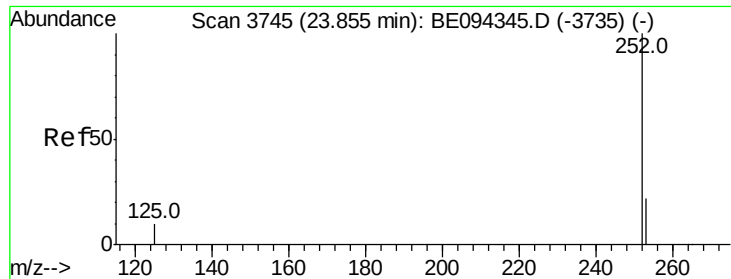
Tot Ion:252 Resp: 50476
Ion Ratio Lower Upper
252 100
253 57.9 0.0 64.2
125 121.9 0.0 35.0#



#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul
RT: 23.21 min Scan# 3602
Delta R.T. -0.03 min
Lab File: BE094370.D
Acq: 15 Oct 2017 00:18

Tgt Ion:252 Resp: 50476
Ion Ratio Lower Upper
252 100
253 57.9 24.5 36.7#
125 121.9 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.025 ng/ul

RT: 23.77 min Scan# 3725

Delta R.T. -0.09 min

Lab File: BE094370.D

Acq: 15 Oct 2017 00:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 26030

Ion Ratio Lower Upper

252 100

253 68.2 28.5 42.7#

125 160.2 18.1 27.1#

