

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094230.D
 Acq On : 9 Oct 2017 20:47
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 09:21:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 09:18:40 2017
 Response via : Initial Calibration

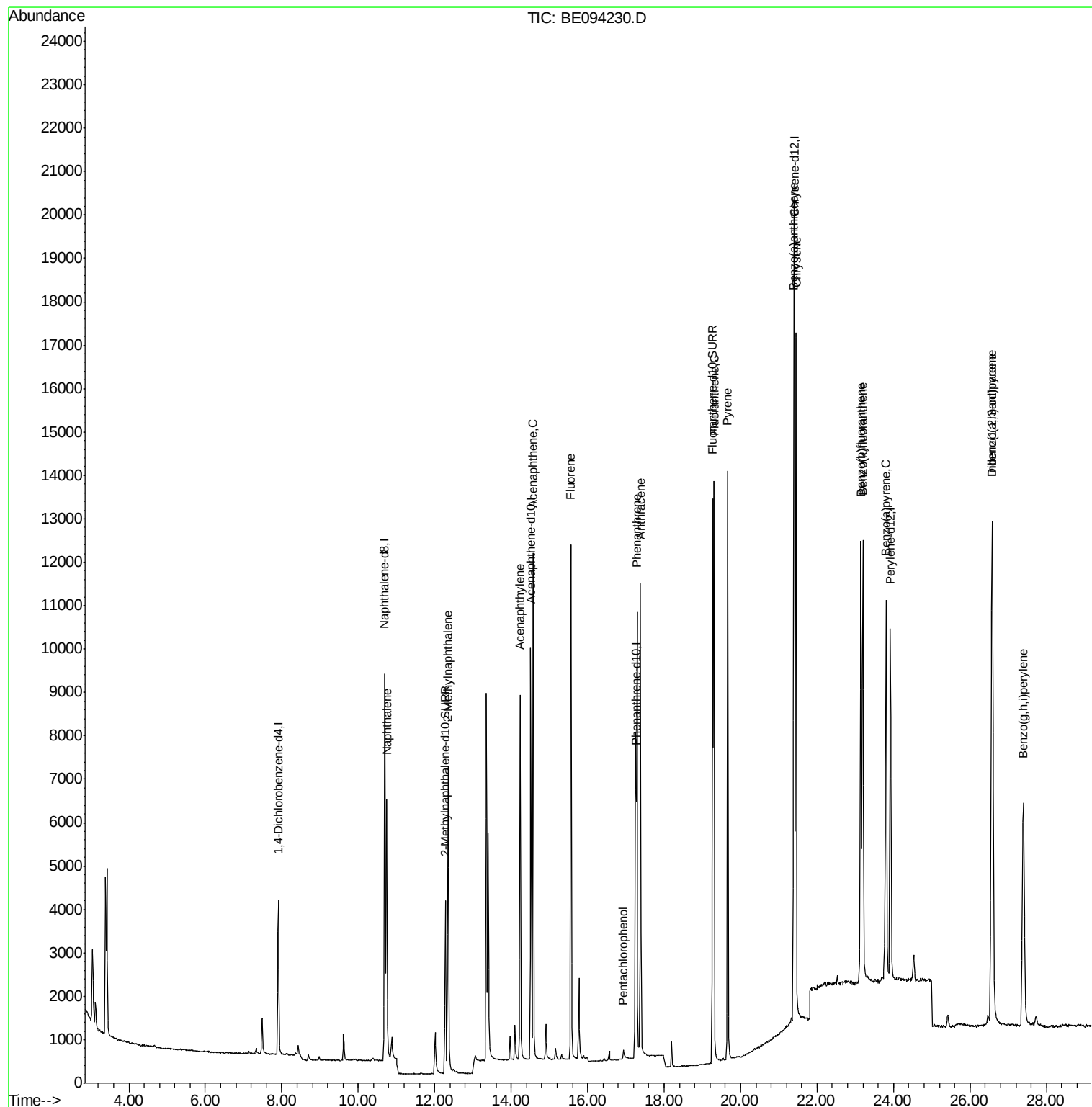
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1990	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10328	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5695	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12584	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13327	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12877	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6475	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	15285	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	9931	0.393	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	6847	0.417	ng/ul	99
7) Acenaphthylene	14.24	152	10298	0.464	ng/ul	96
8) Acenaphthene	14.57	153	7374	0.403	ng/ul	96
9) Fluorene	15.56	166	8283	0.387	ng/ul#	91
11) Pentachlorophenol	16.93	266	334	0.226	ng/ul	96
12) Phenanthrene	17.29	178	13251	0.403	ng/ul#	93
13) Anthracene	17.38	178	12995	0.406	ng/ul#	92
15) Fluoranthene	19.30	202	15602	0.361	ng/ul	84
17) Pyrene	19.66	202	16538	0.446	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	15750	0.445	ng/ul#	87
19) Chrysene	21.45	228	15173	0.372	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	14995	0.429	ng/ul	92
22) Benzo(k)fluoranthene	23.20	252	15043	0.372	ng/ul	94
23) Benzo(a)pyrene	23.81	252	14744	0.406	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.57	276	16052	0.432	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.59	278	13466	0.432	ng/ul	93
26) Benzo(g,h,i)perylene	27.39	276	13497	0.421	ng/ul	96

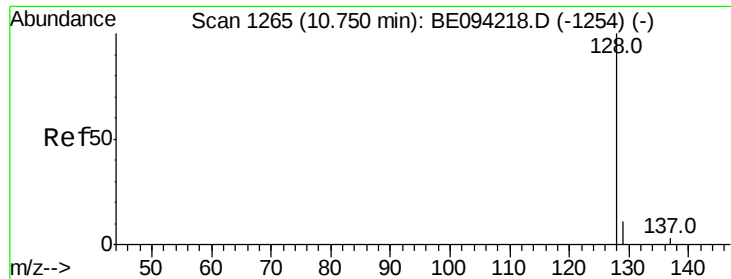
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.393 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

Instrument :

BNA_E

ClientSampleId :

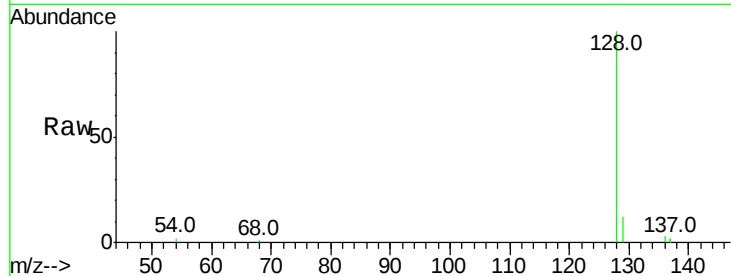
Tot Ion:128 Resp: 9931

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

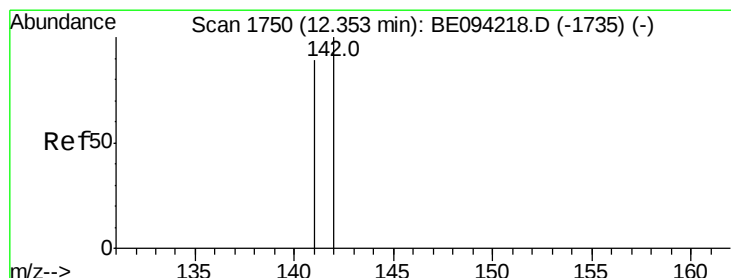
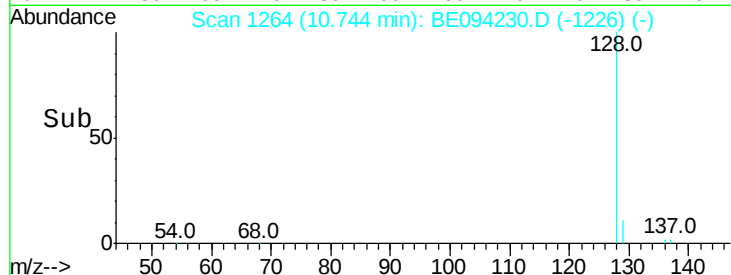
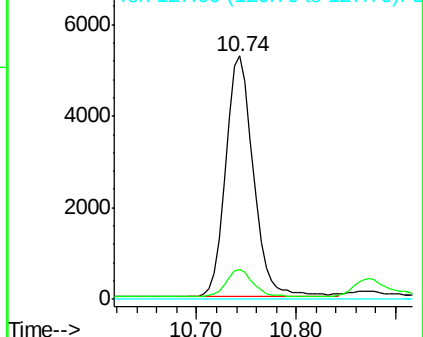
127 0.0 4.0 6.0#



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: 0.417 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094230.D

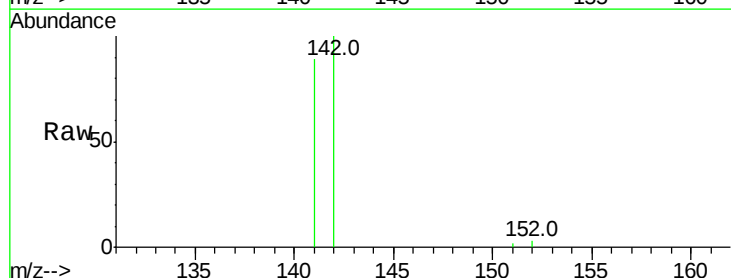
Acq: 9 Oct 2017 20:47

Tgt Ion:142 Resp: 6847

Ion Ratio Lower Upper

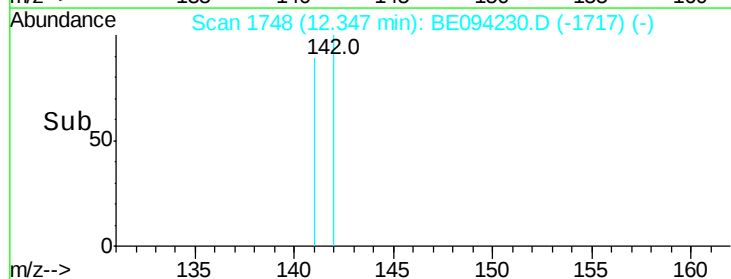
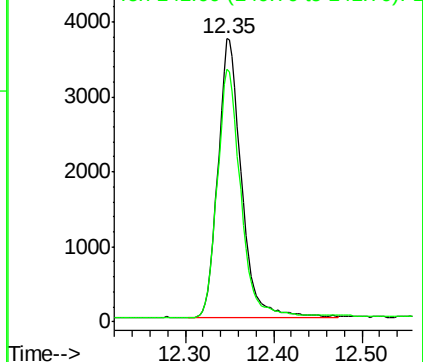
142 100

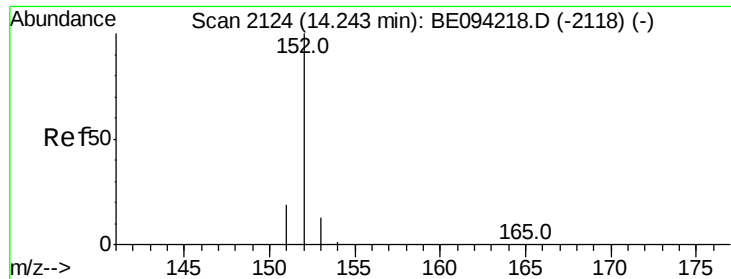
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.464 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

Instrument :

BNA_E

ClientSampleId :

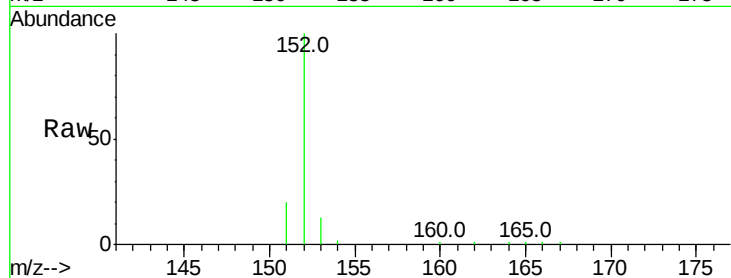
Tot Ion:152 Resp: 10298

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

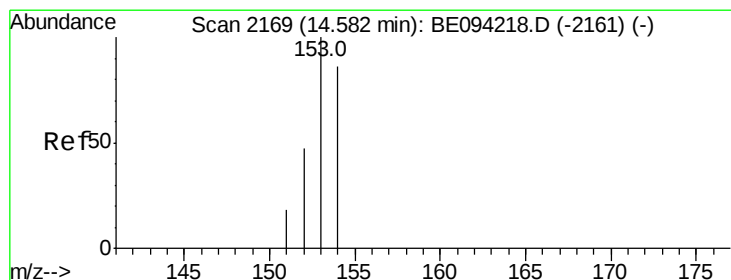
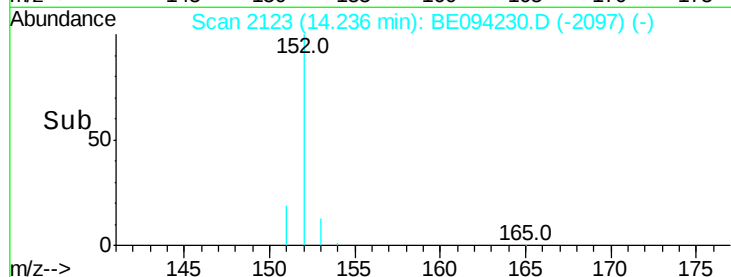
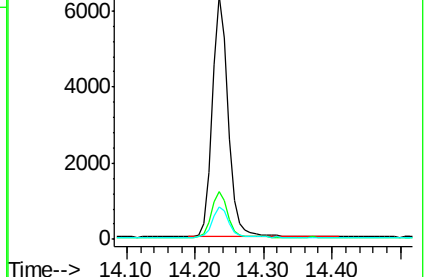
153 13.5 12.8 19.2



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: 0.403 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

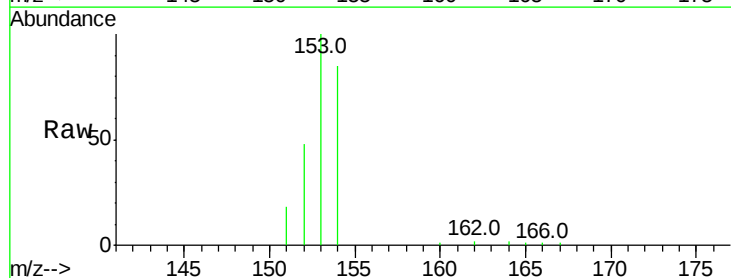
Tgt Ion:153 Resp: 7374

Ion Ratio Lower Upper

153 100

152 48.1 40.3 60.5

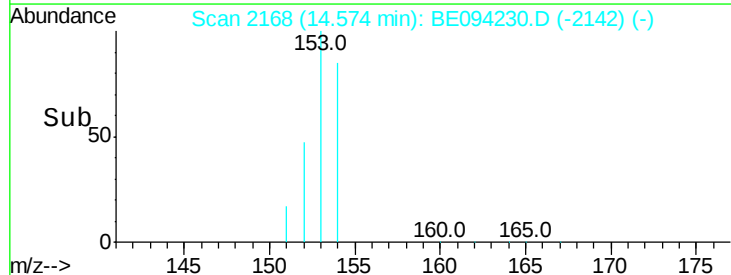
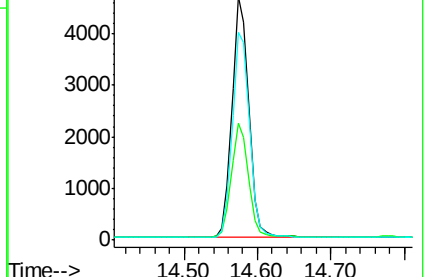
154 85.1 71.4 107.2

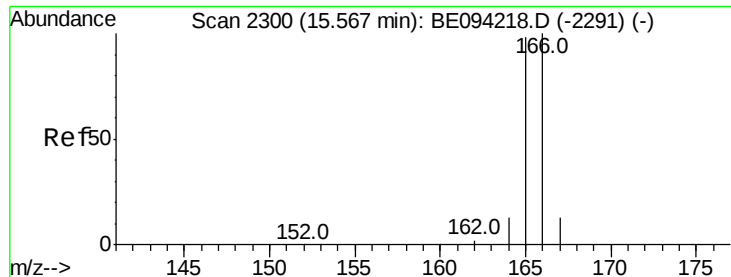


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.387 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

Instrument :

BNA_E

ClientSampleId :

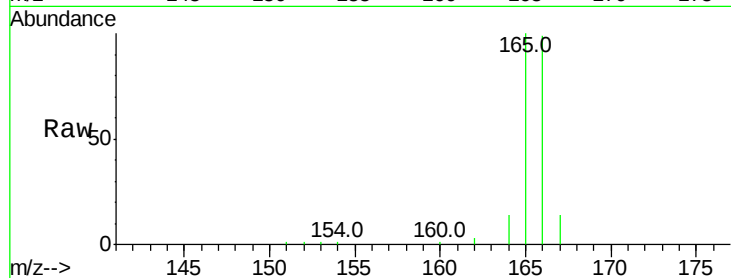
Tot Ion:166 Resp: 8283

Ion Ratio Lower Upper

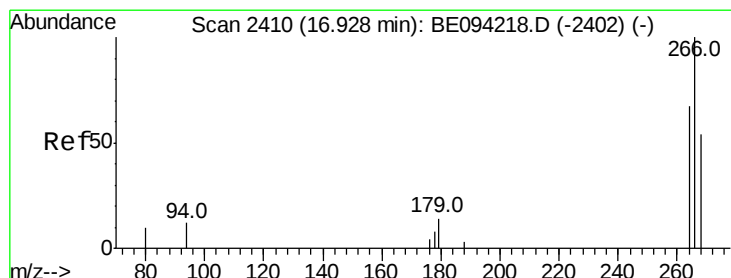
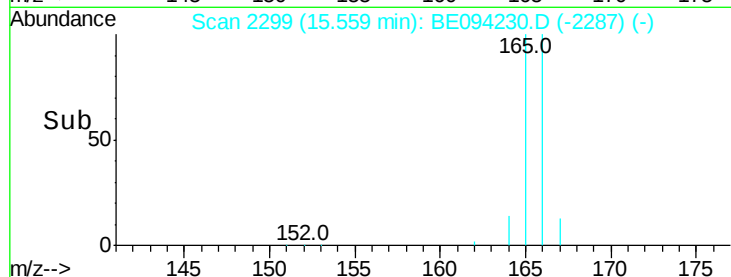
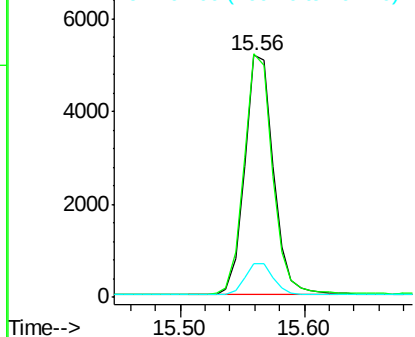
166 100

165 100.6 73.4 110.2

167 14.0 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.226 ng/ul

RT: 16.93 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

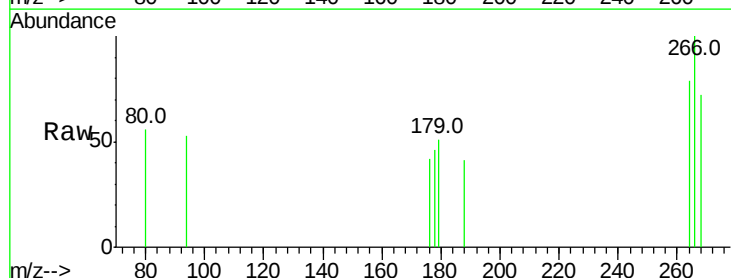
Tgt Ion:266 Resp: 334

Ion Ratio Lower Upper

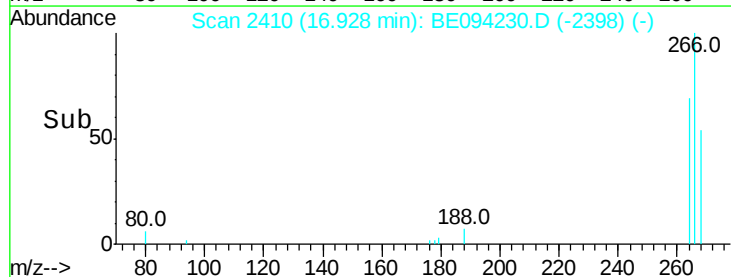
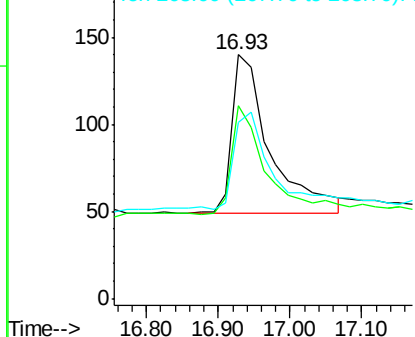
266 100

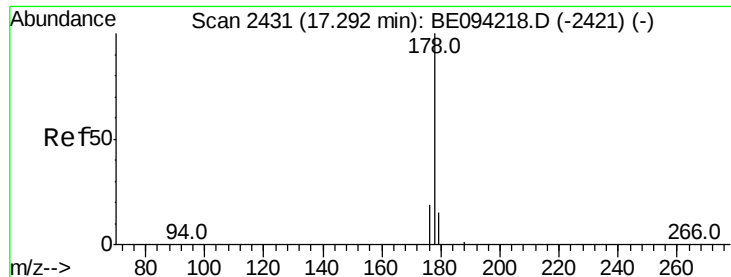
264 64.7 47.9 71.9

268 64.1 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.403 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

Instrument :

BNA_E

ClientSampleId :

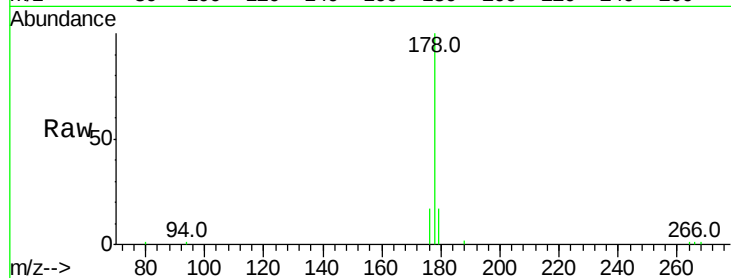
Tot Ion:178 Resp: 13251

Ion Ratio Lower Upper

178 100

179 17.2 18.4 27.6#

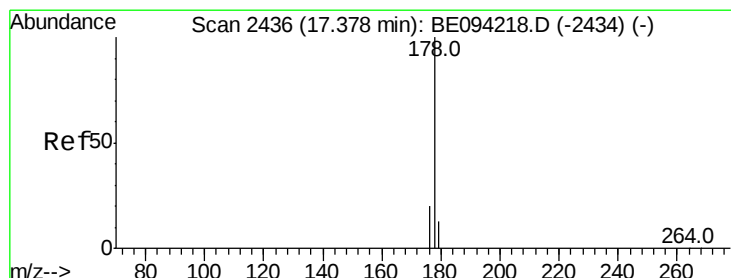
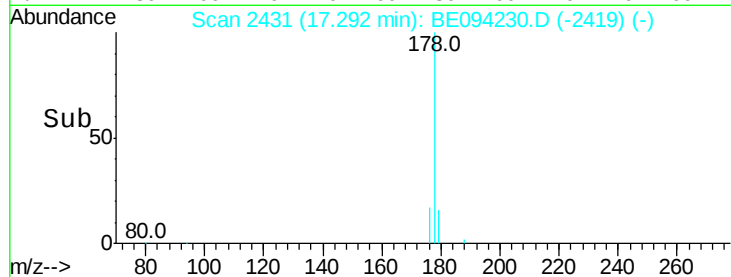
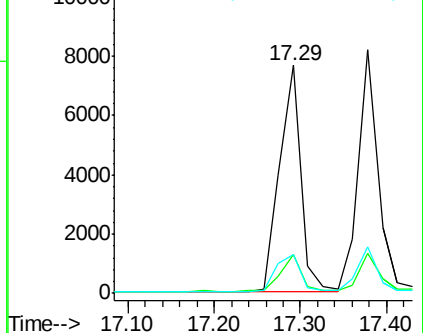
176 17.2 13.6 20.4



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: 0.406 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

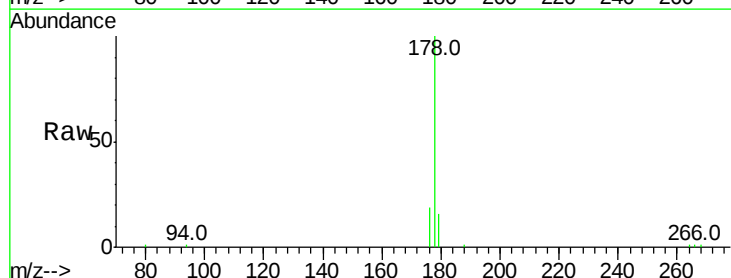
Tgt Ion:178 Resp: 12995

Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

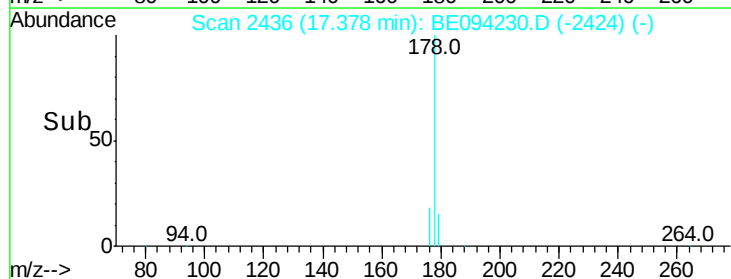
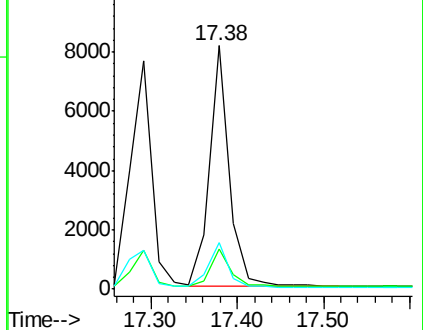
176 18.8 14.7 22.1

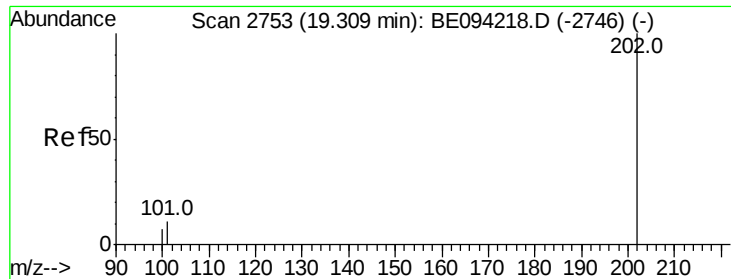


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

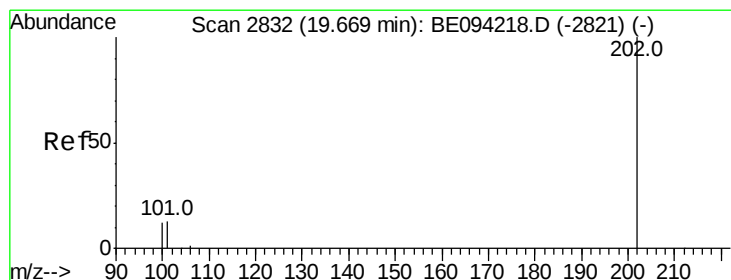
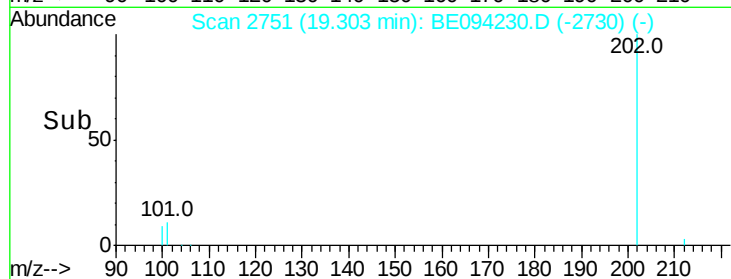
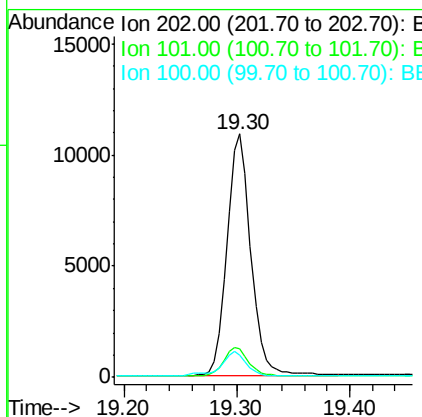
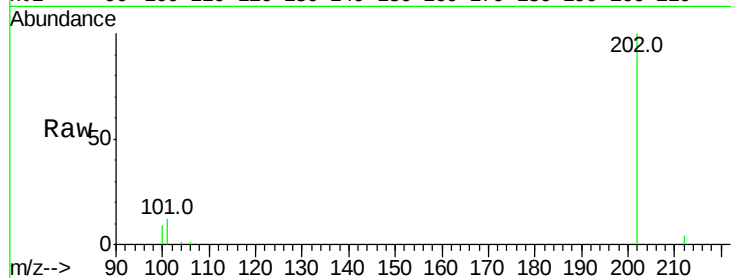




#15
Fluoranthene
 Concen: 0.361 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094230.D
 Acq: 9 Oct 2017 20:47

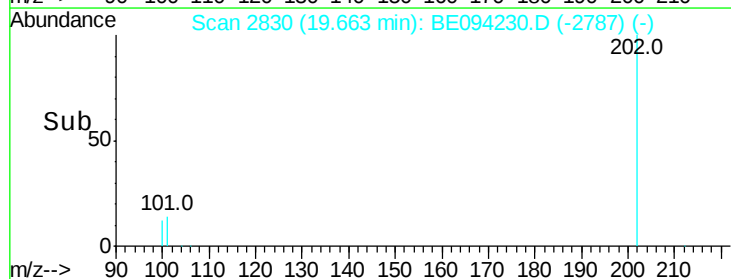
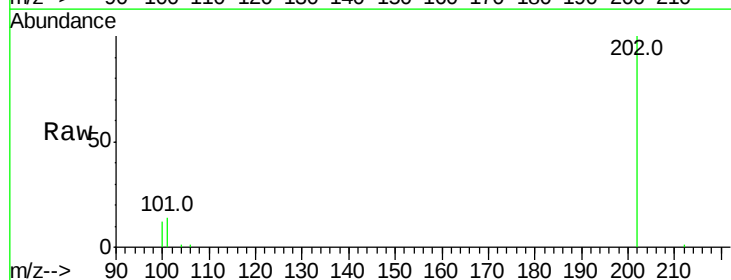
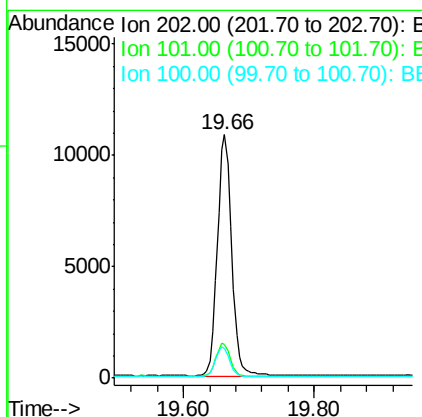
Instrument :
 BNA_E
 ClientSampleId :

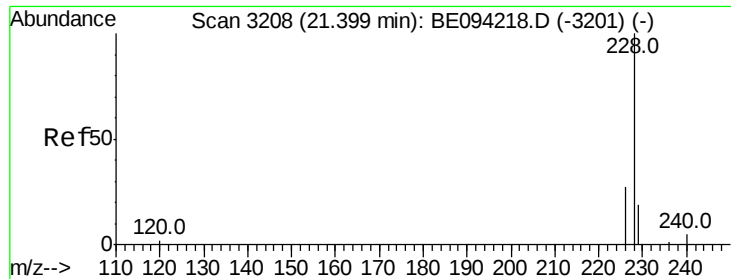
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.2	0.0	39.5



#17
Pyrene
 Concen: 0.446 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BE094230.D
 Acq: 9 Oct 2017 20:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.1	15.6	23.4#

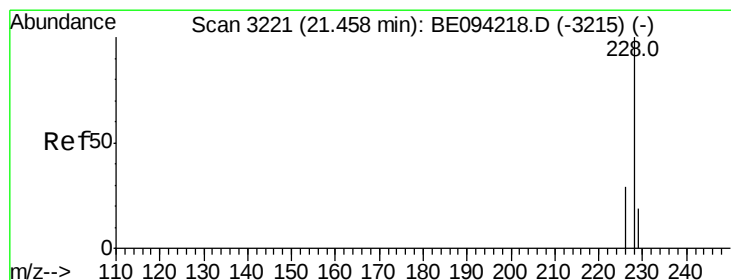
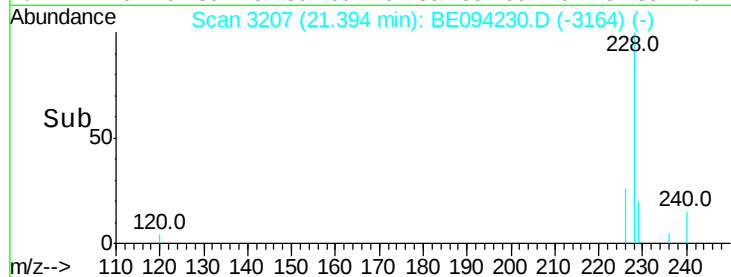
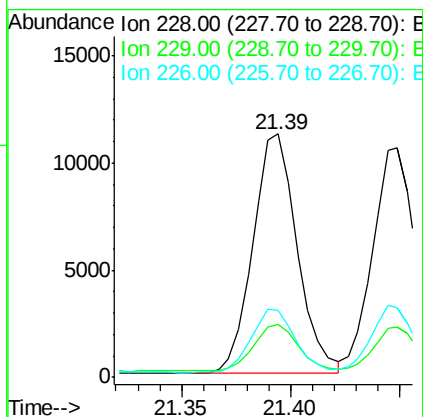
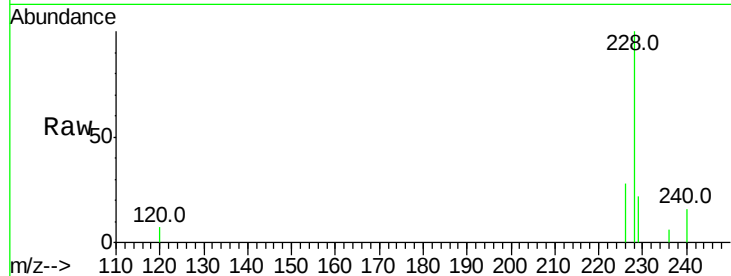




#18
Benzo(a)anthracene
Concen: 0.445 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094230.D
Acq: 9 Oct 2017 20:47

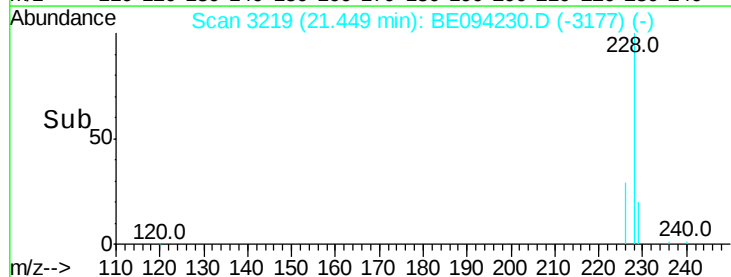
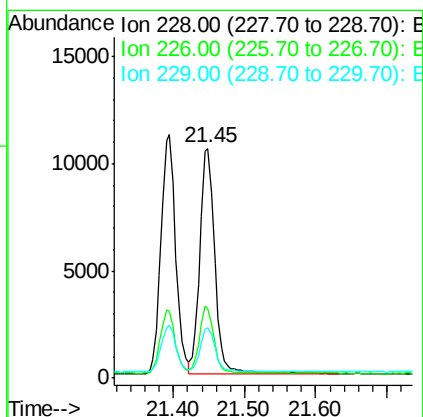
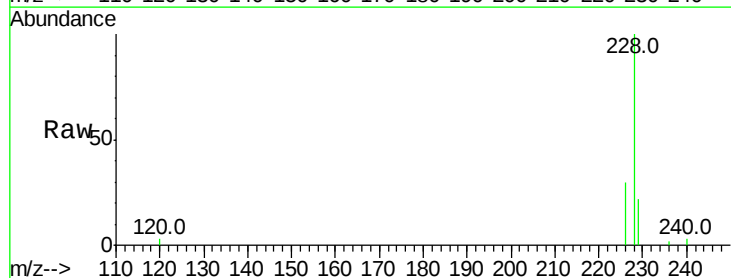
Instrument :
BNA_E
ClientSampleId :

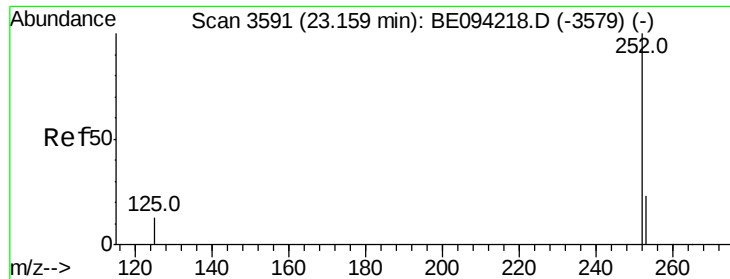
Tot Ion:228 Resp: 15750
Ion Ratio Lower Upper
228 100
229 21.9 22.8 34.2#
226 27.6 17.0 25.6#



#19
Chrysene
Concen: 0.372 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE094230.D
Acq: 9 Oct 2017 20:47

Tgt Ion:228 Resp: 15173
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.429 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

Instrument :

BNA_E

ClientSampleId :

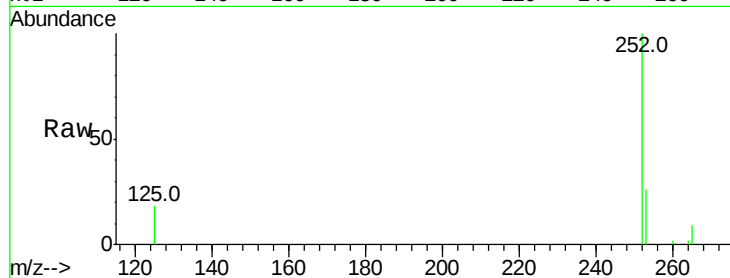
Tot Ion:252 Resp: 14995

Ion Ratio Lower Upper

252 100

253 26.1 0.0 64.2

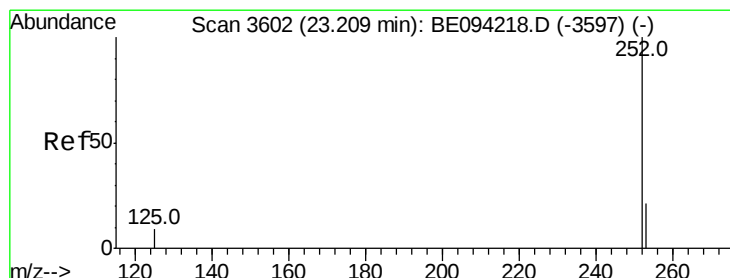
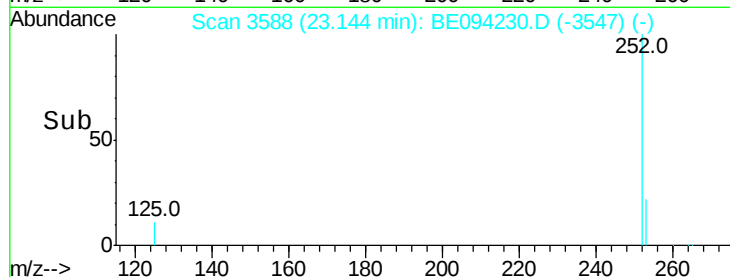
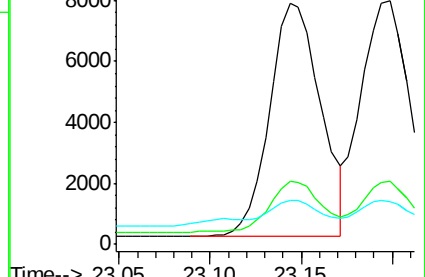
125 18.1 0.0 35.0



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: 0.372 ng/ul

RT: 23.20 min Scan# 3600

Delta R.T. -0.01 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

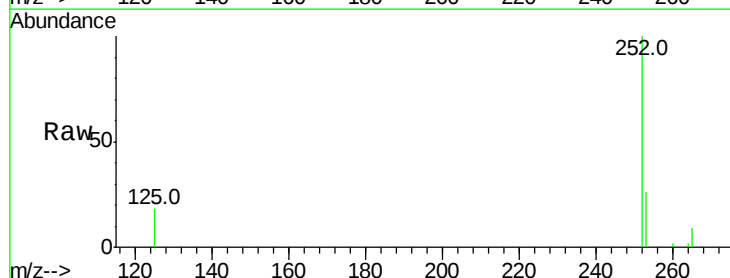
Tgt Ion:252 Resp: 15043

Ion Ratio Lower Upper

252 100

253 25.7 24.5 36.7

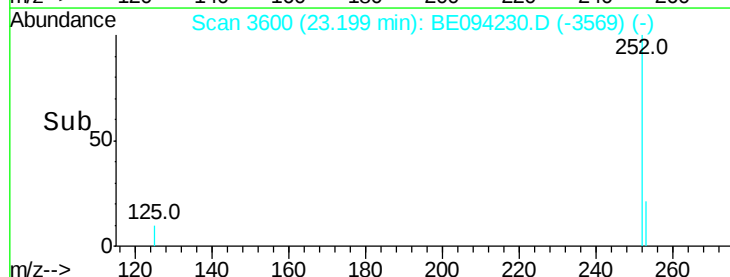
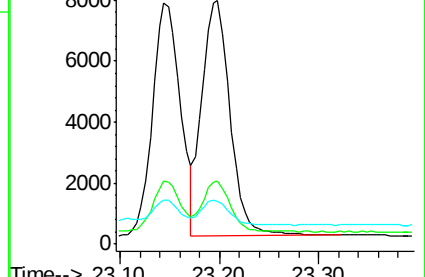
125 17.6 13.7 20.5

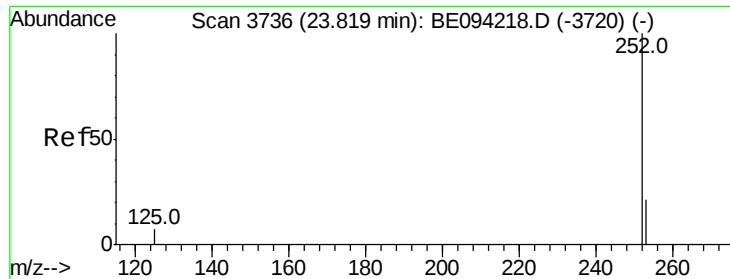


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.81 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

Instrument :

BNA_E

ClientSampleId :

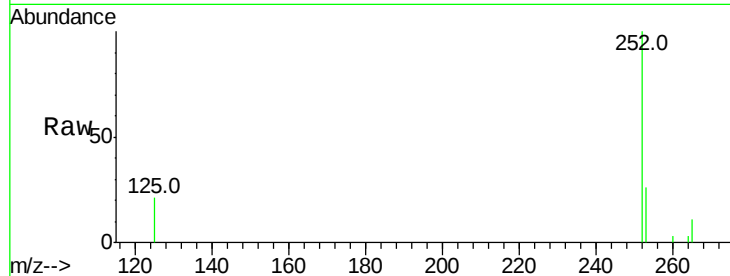
Tot Ion:252 Resp: 14744

Ion Ratio Lower Upper

252 100

253 26.5 28.5 42.7#

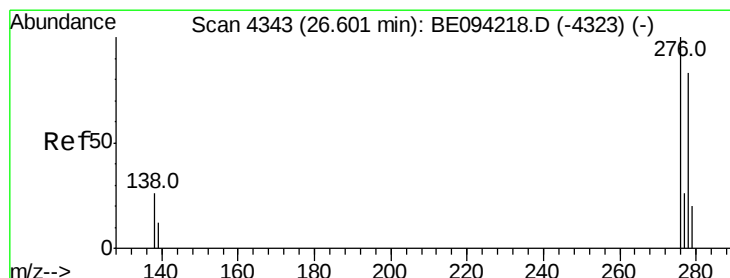
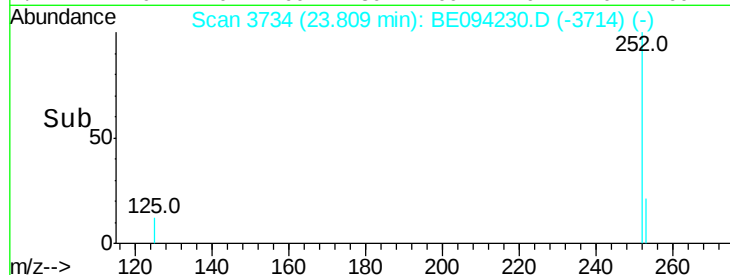
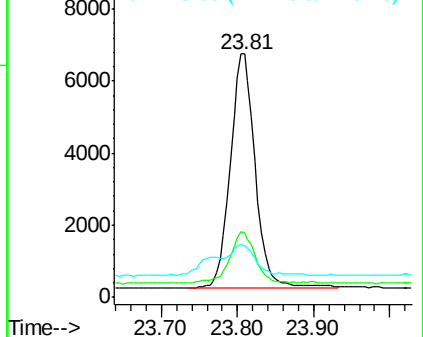
125 21.2 18.1 27.1



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: 0.432 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.03 min

Lab File: BE094230.D

Acq: 9 Oct 2017 20:47

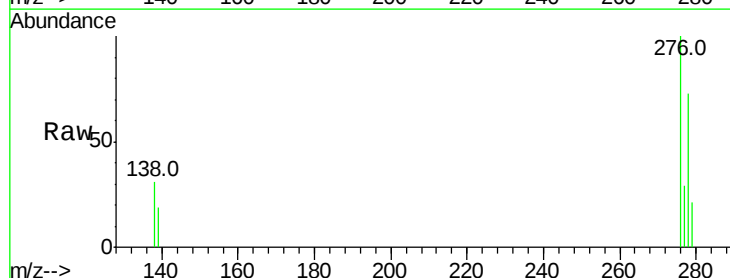
Tgt Ion:276 Resp: 16052

Ion Ratio Lower Upper

276 100

138 27.2 28.0 42.0#

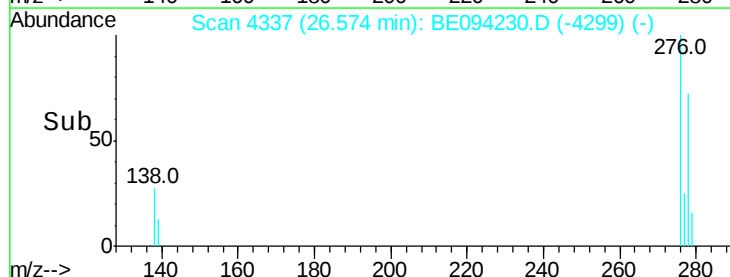
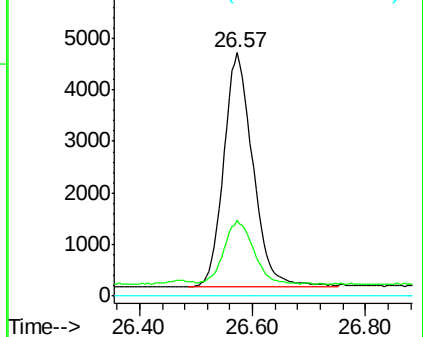
227 0.0 8.0 12.0#

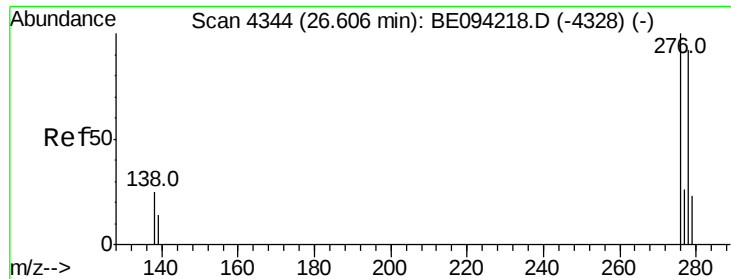


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

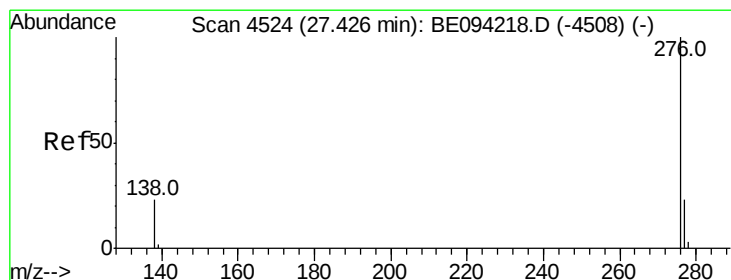
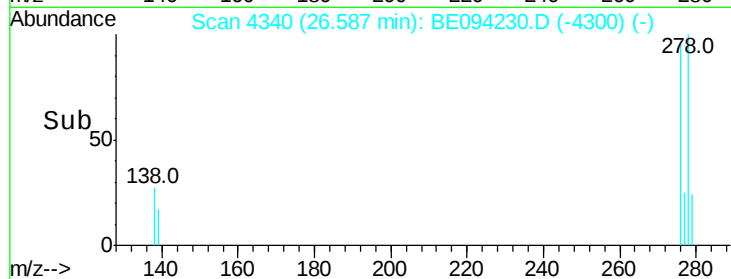
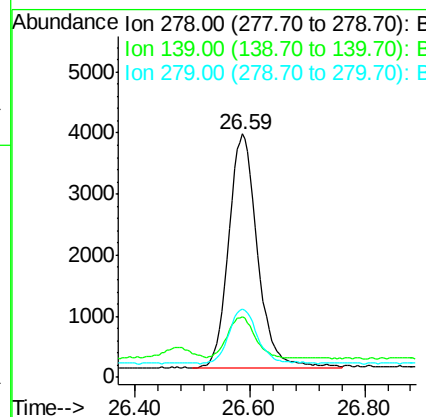
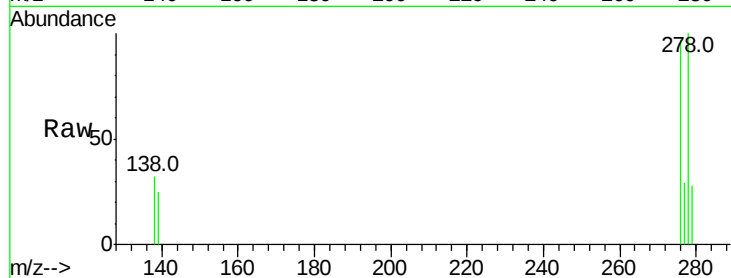




#25
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 26.59 min Scan# 4340
Delta R.T. -0.02 min
Lab File: BE094230.D
Acq: 9 Oct 2017 20:47

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 13466
Ion Ratio Lower Upper
278 100
139 24.9 17.4 26.0
279 28.3 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.39 min Scan# 4517
Delta R.T. -0.03 min
Lab File: BE094230.D
Acq: 9 Oct 2017 20:47

Tgt Ion:276 Resp: 13497
Ion Ratio Lower Upper
276 100
138 29.1 21.8 32.8
277 28.3 20.5 30.7

