

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094352.D
 Acq On : 14 Oct 2017 9:55
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 22:14:23 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

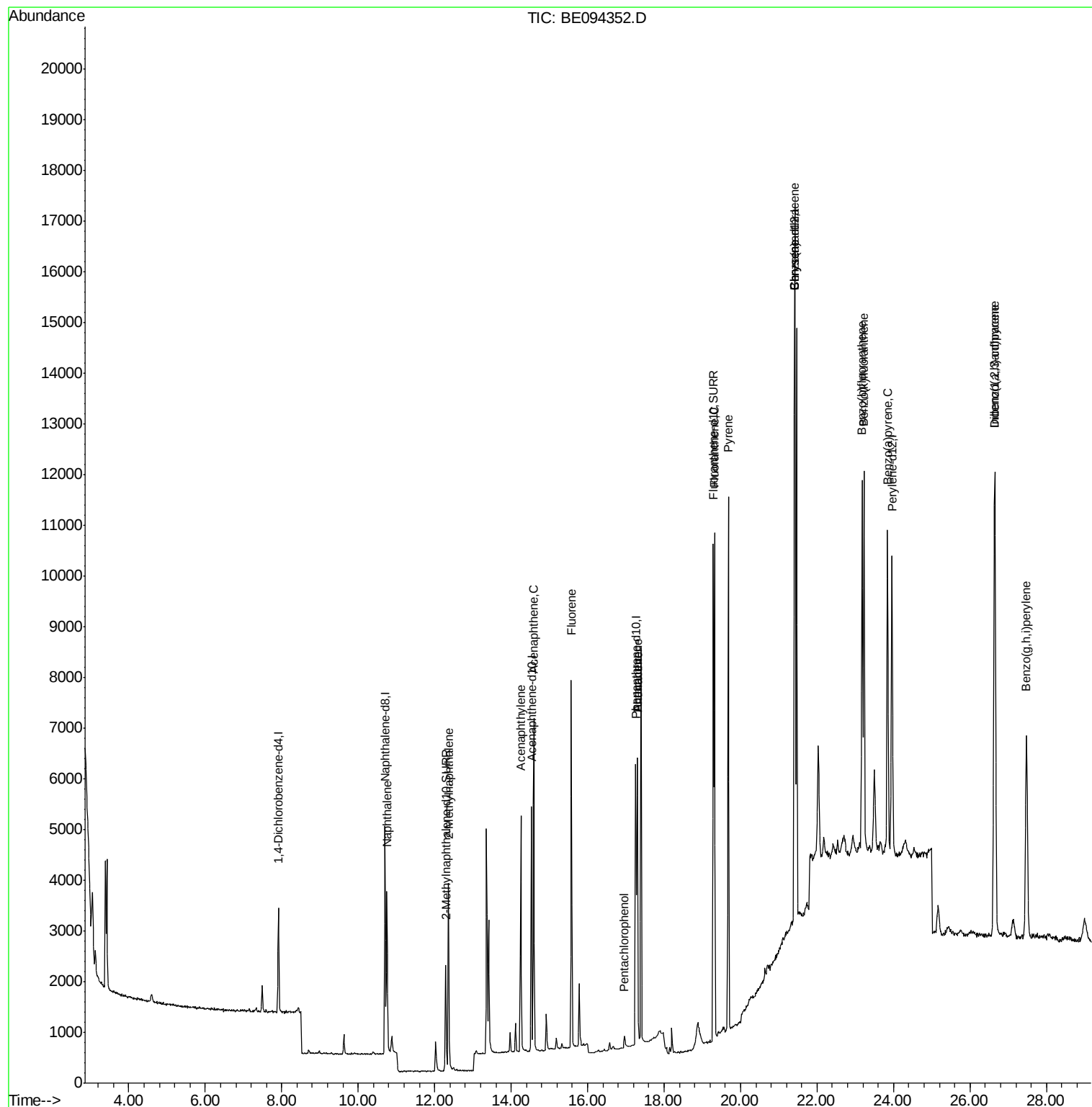
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1075	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	5129	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	2900	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7722	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9417	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8875	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3315	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11199	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5147	0.410	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	3534	0.434	ng/ul	97
7) Acenaphthylene	14.25	152	5812	0.514	ng/ul	98
8) Acenaphthene	14.59	153	3972	0.427	ng/ul	97
9) Fluorene	15.57	166	4895	0.449	ng/ul	93
11) Pentachlorophenol	16.96	266	312	0.344	ng/ul	91
12) Phenanthrene	17.31	178	8596	0.426	ng/ul	95
13) Anthracene	17.31	178	8584	0.437	ng/ul	95
15) Fluoranthene	19.32	202	11361	0.428	ng/ul	84
17) Pyrene	19.68	202	12094	0.462	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	11793	0.472	ng/ul#	88
19) Chrysene	21.41	228	11793	0.409	ng/ul	94
21) Benzo(b)fluoranthene	23.18	252	10780	0.447	ng/ul#	84
22) Benzo(k)fluoranthene	23.23	252	10766	0.386	ng/ul#	82
23) Benzo(a)pyrene	23.85	252	10474	0.418	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.64	276	11655	0.455	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.65	278	9929	0.462	ng/ul#	82
26) Benzo(g,h,i)perylene	27.48	276	9593	0.434	ng/ul#	82

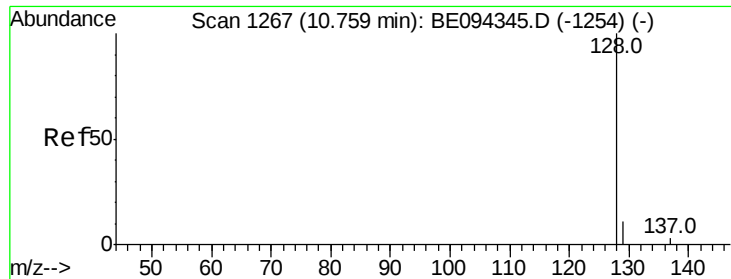
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.410 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :

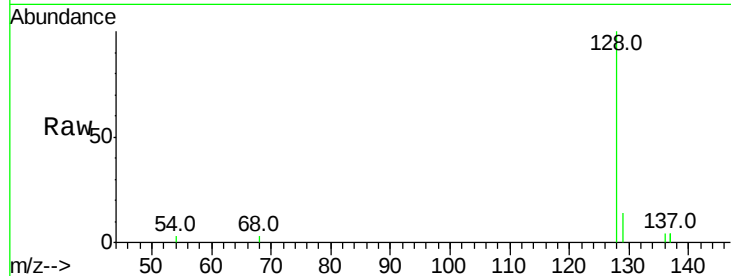
Tot Ion:128 Resp: 5147

Ion Ratio Lower Upper

128 100

129 13.6 11.3 16.9

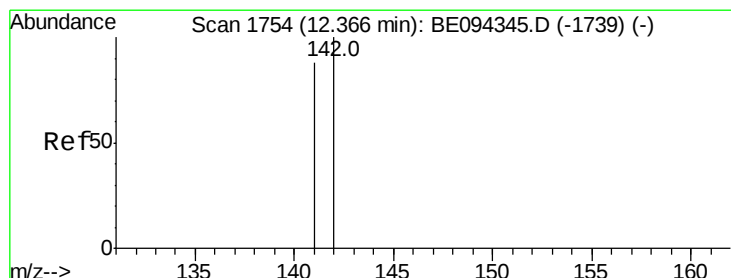
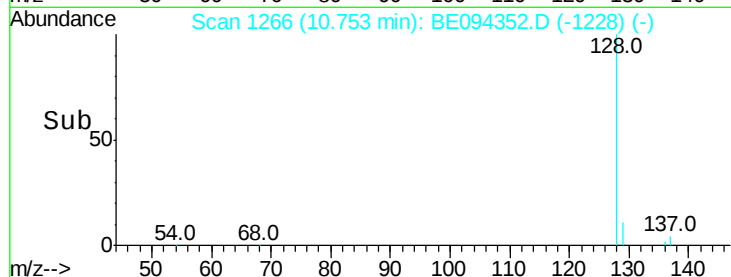
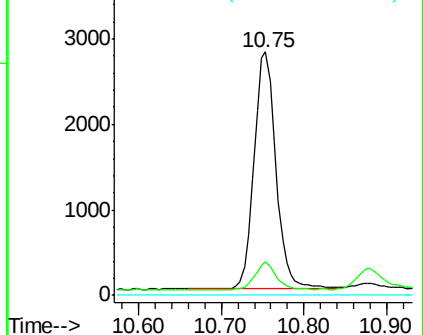
127 0.0 4.0 6.0#



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: 0.434 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE094352.D

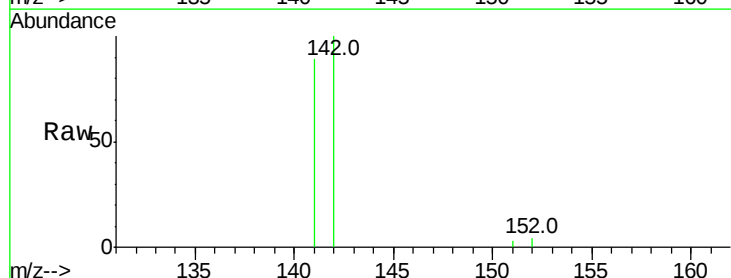
Acq: 14 Oct 2017 9:55

Tgt Ion:142 Resp: 3534

Ion Ratio Lower Upper

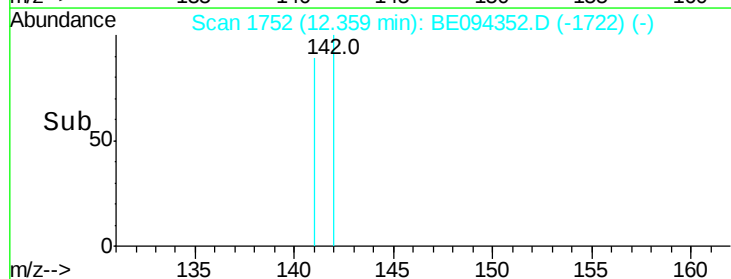
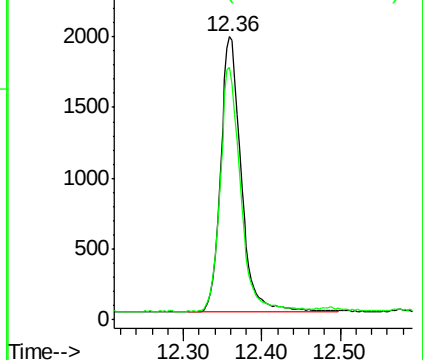
142 100

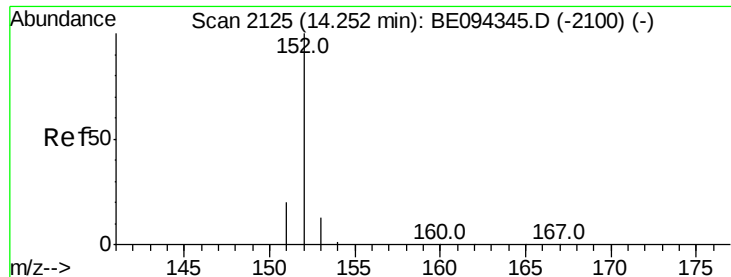
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.514 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :

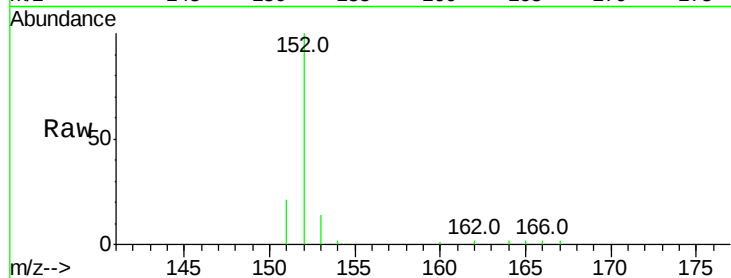
Tot Ion:152 Resp: 5812

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

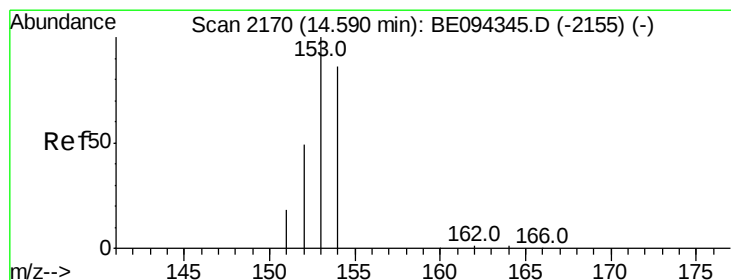
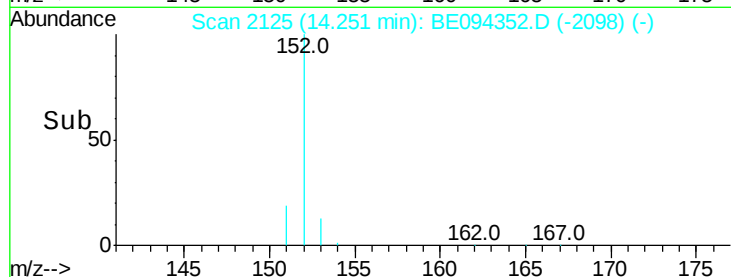
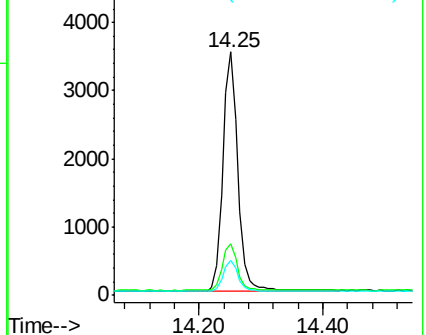
153 14.2 12.8 19.2



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: 0.427 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

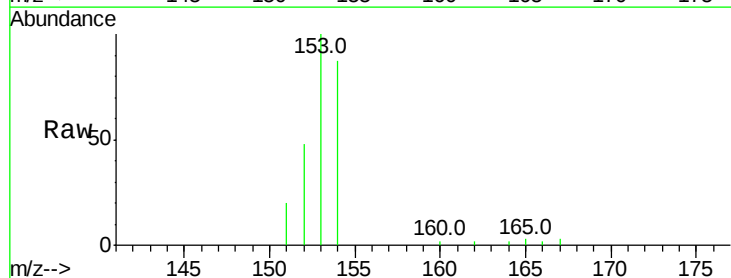
Tgt Ion:153 Resp: 3972

Ion Ratio Lower Upper

153 100

152 47.9 40.3 60.5

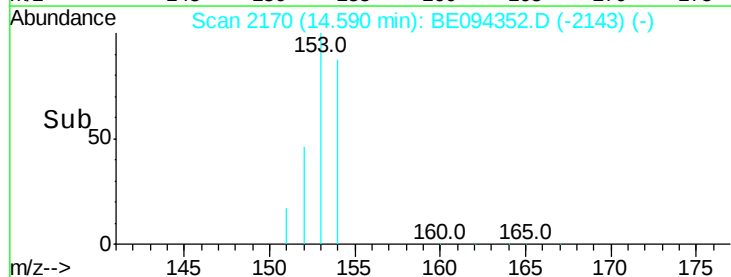
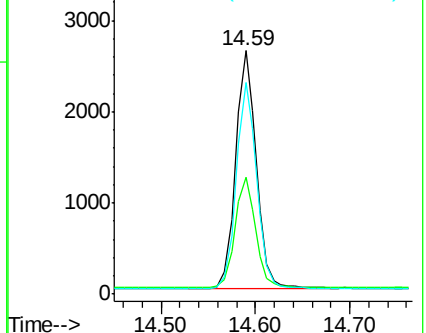
154 87.0 71.4 107.2

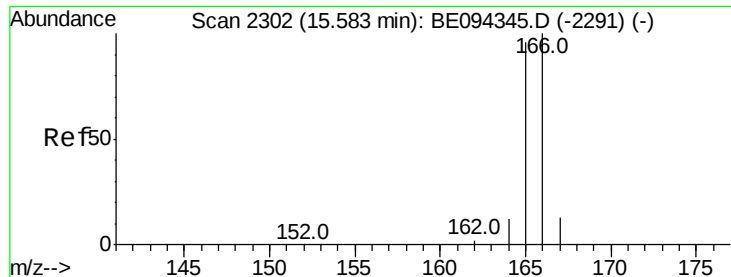


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

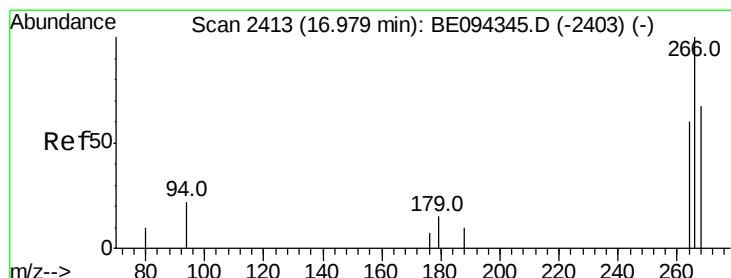
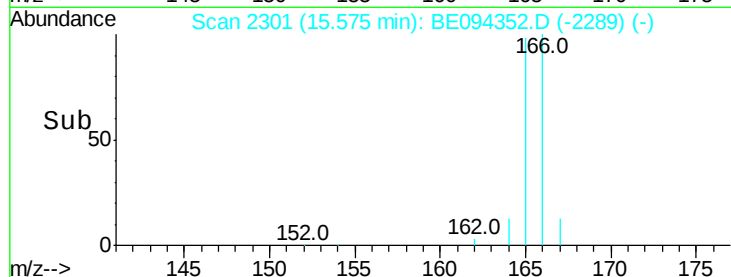
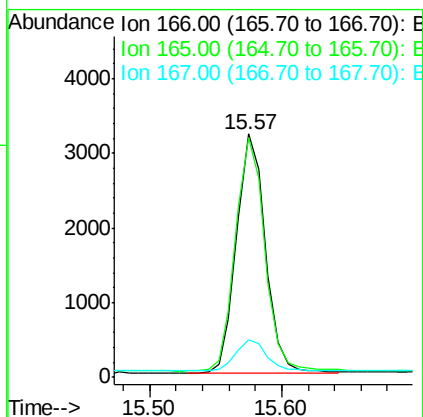
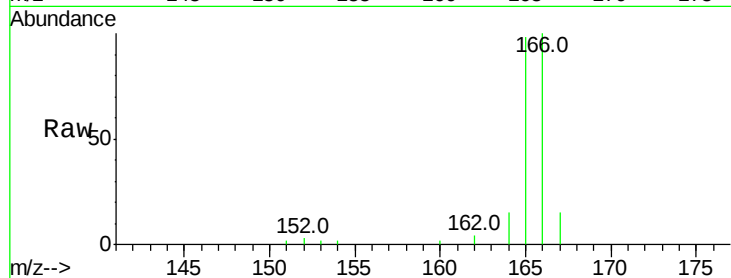




#9
Fluorene
 Concen: 0.449 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094352.D
 Acq: 14 Oct 2017 9:55

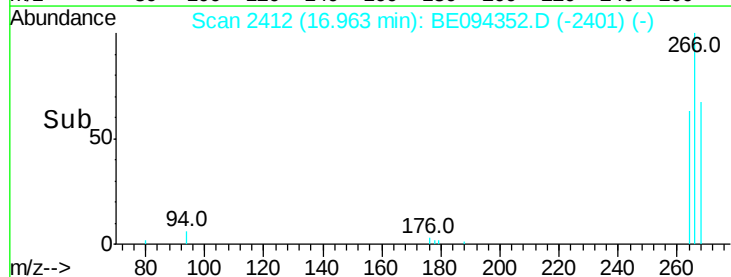
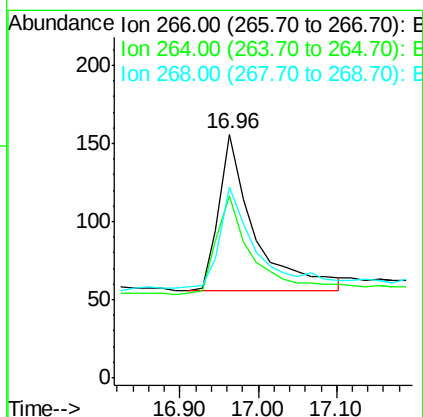
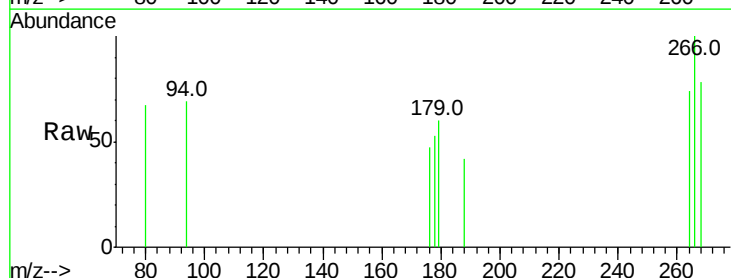
Instrument :
 BNA_E
 ClientSampleId :

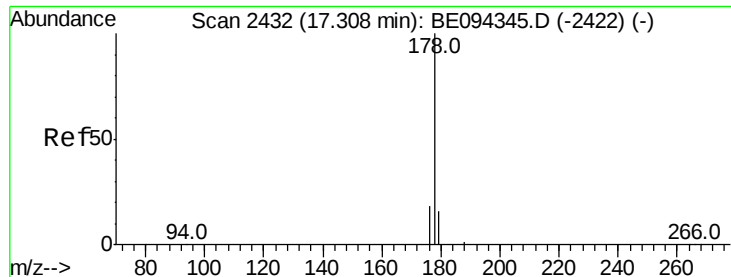
Tot Ion:166 Resp: 4895
 Ion Ratio Lower Upper
 166 100
 165 98.4 73.4 110.2
 167 15.2 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.344 ng/ul
 RT: 16.96 min Scan# 2412
 Delta R.T. -0.02 min
 Lab File: BE094352.D
 Acq: 14 Oct 2017 9:55

Tgt Ion:266 Resp: 312
 Ion Ratio Lower Upper
 266 100
 264 68.3 47.9 71.9
 268 67.9 49.8 74.8





#12

Phenanthrene

Concen: 0.426 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :

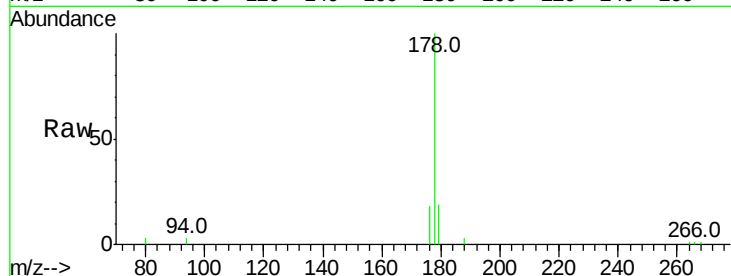
Tot Ion:178 Resp: 8596

Ion Ratio Lower Upper

178 100

179 19.0 18.4 27.6

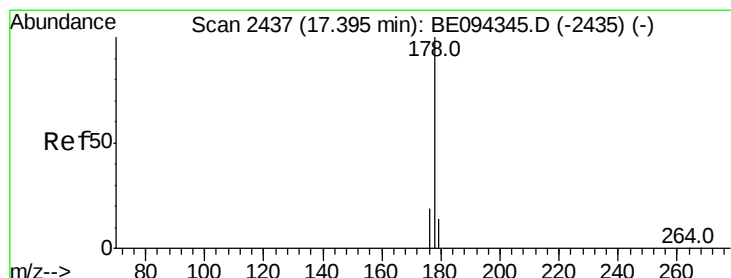
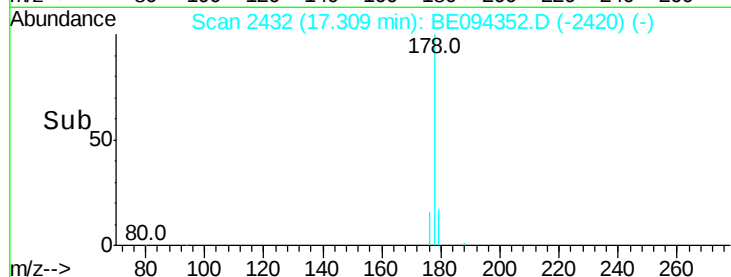
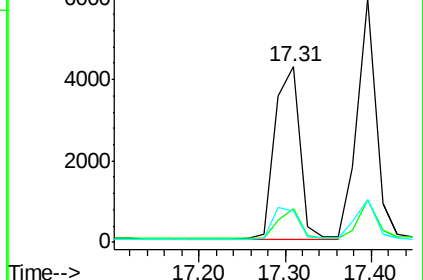
176 17.5 13.6 20.4



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: 0.437 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.09 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

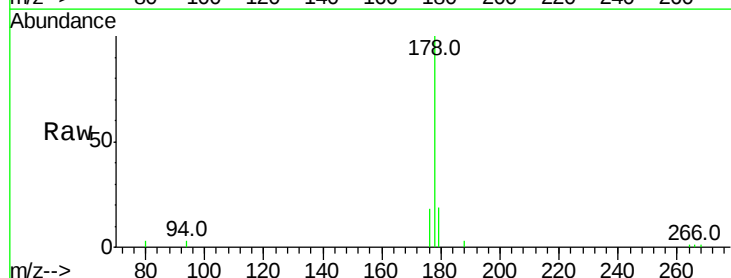
Tgt Ion:178 Resp: 8584

Ion Ratio Lower Upper

178 100

179 19.0 18.1 27.1

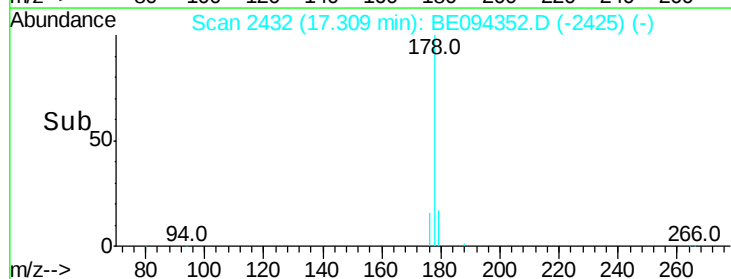
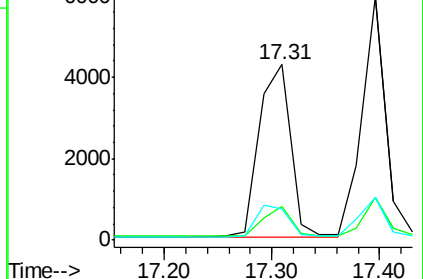
176 17.5 14.7 22.1

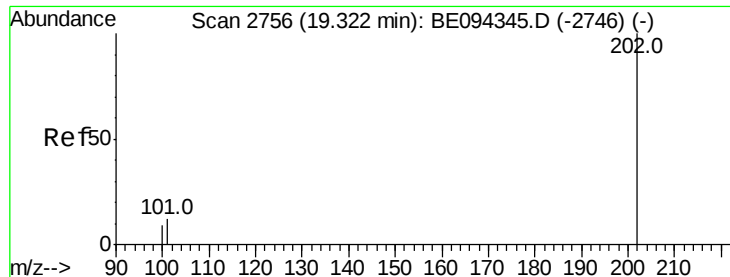


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.428 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :

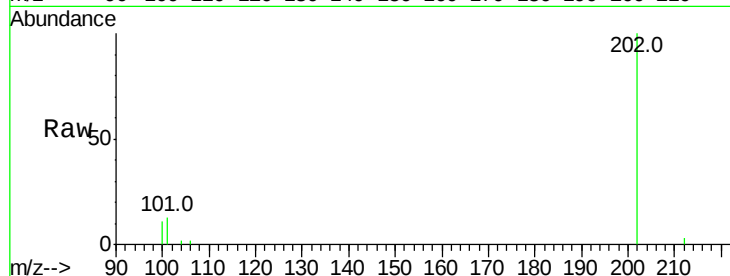
Tot Ion:202 Resp: 11361

Ion Ratio Lower Upper

202 100

101 13.3 0.0 30.3

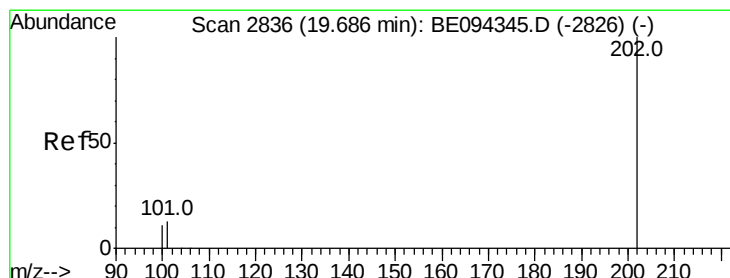
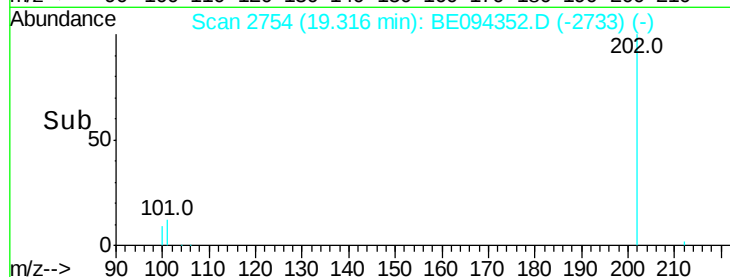
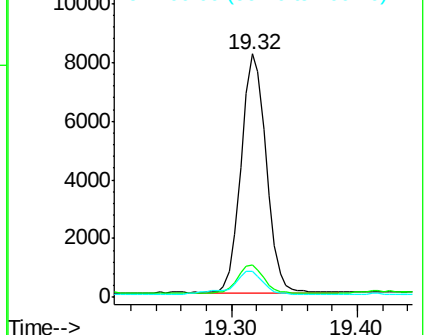
100 10.6 0.0 39.5



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: 0.462 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

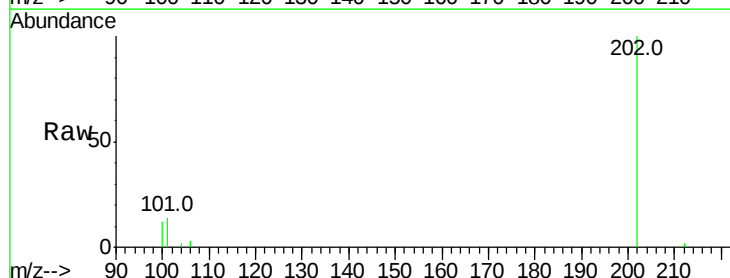
Tgt Ion:202 Resp: 12094

Ion Ratio Lower Upper

202 100

101 14.5 18.2 27.4#

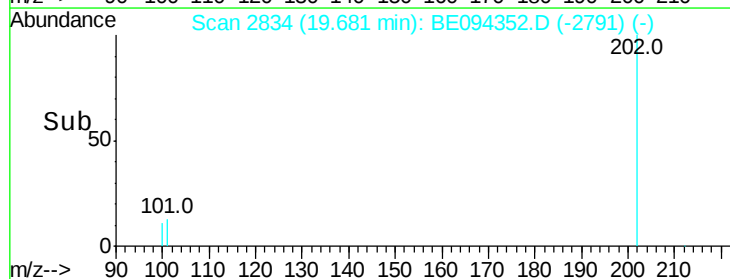
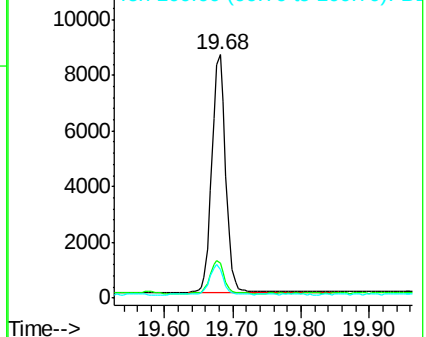
100 11.8 15.6 23.4#

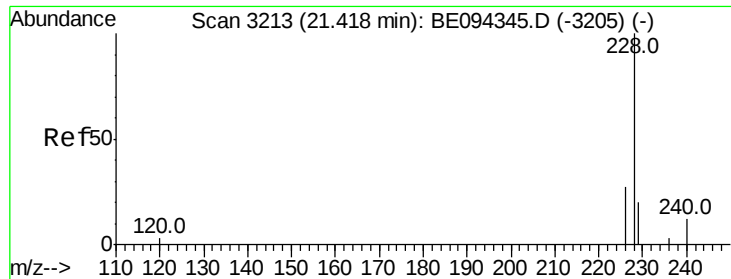


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

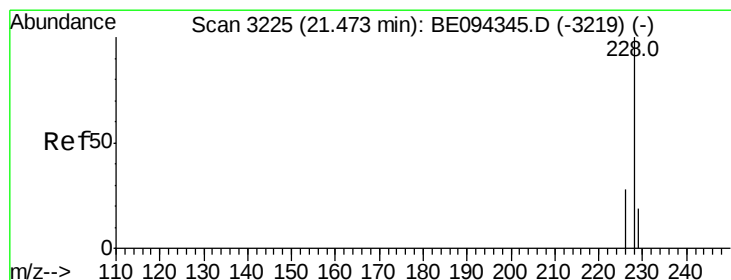
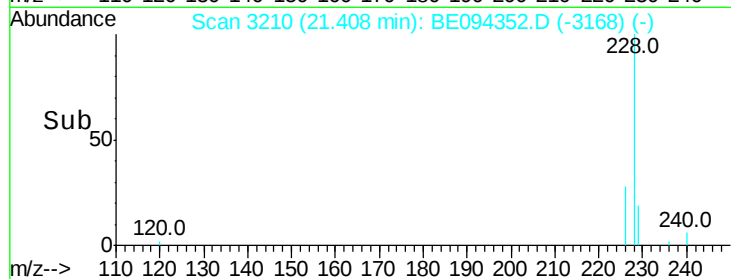
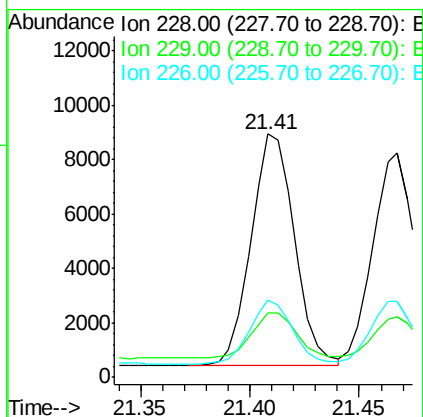
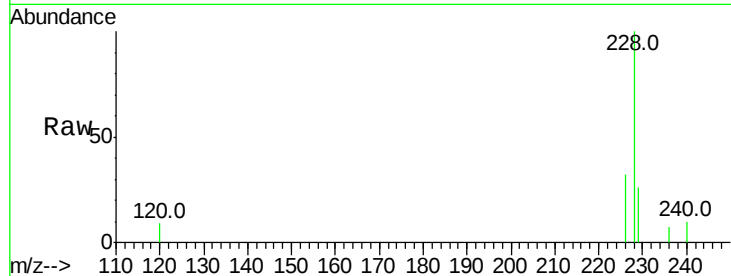




#18
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094352.D
Acq: 14 Oct 2017 9:55

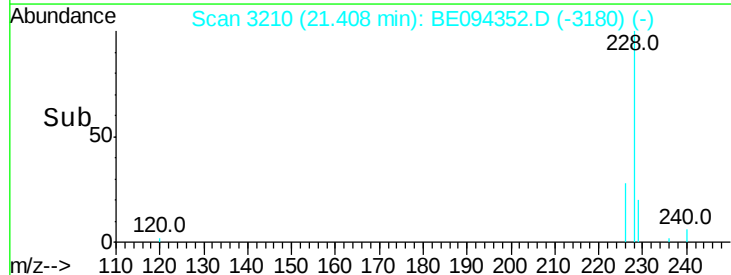
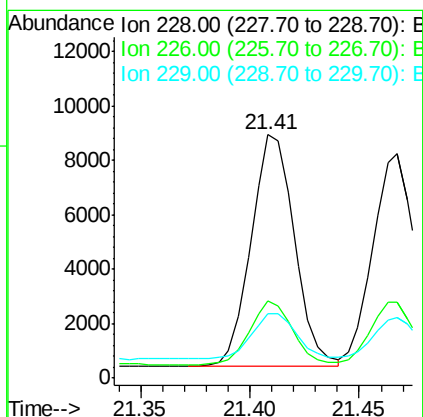
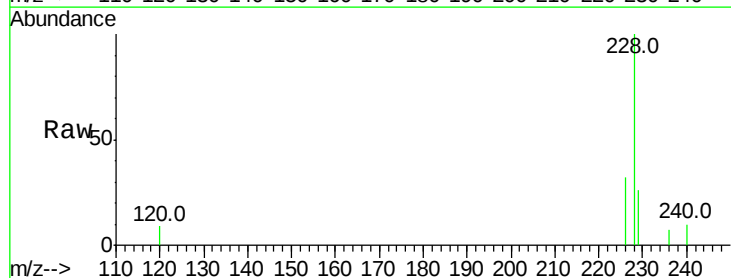
Instrument :
BNA_E
ClientSampleId :

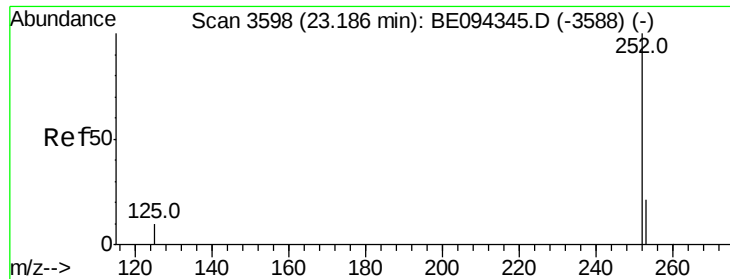
Tot Ion:228 Resp: 11793
Ion Ratio Lower Upper
228 100
229 26.2 22.8 34.2
226 31.6 17.0 25.6#



#19
Chrysene
Concen: 0.409 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.06 min
Lab File: BE094352.D
Acq: 14 Oct 2017 9:55

Tgt Ion:228 Resp: 11793
Ion Ratio Lower Upper
228 100
226 31.6 23.4 35.0
229 26.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.447 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :

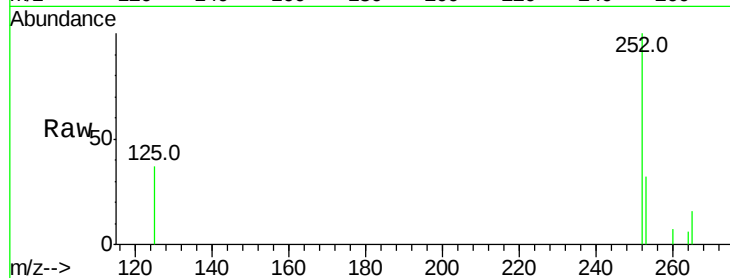
Tot Ion:252 Resp: 10780

Ion Ratio Lower Upper

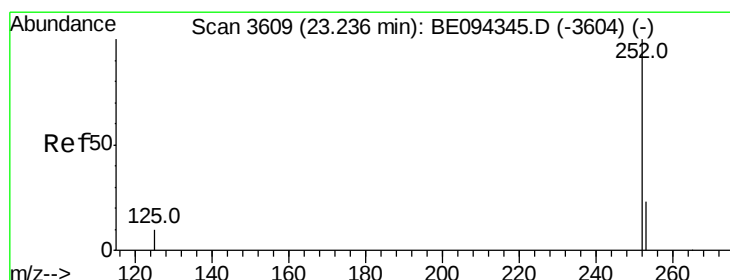
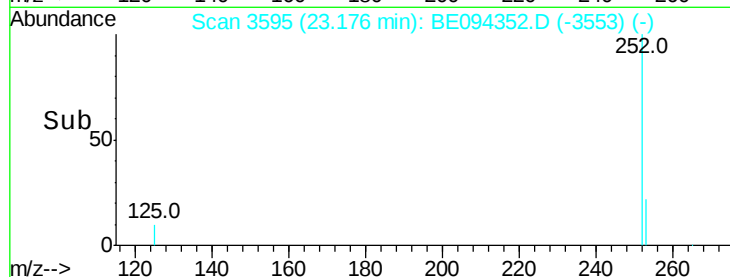
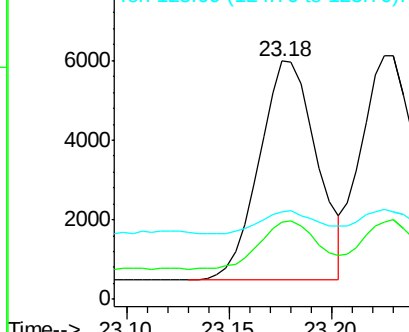
252 100

253 32.4 0.0 64.2

125 36.9 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: 0.386 ng/ul

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

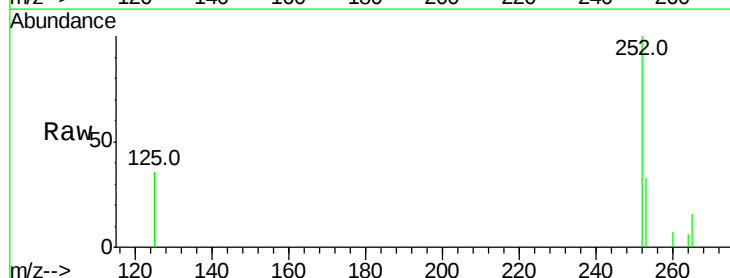
Tgt Ion:252 Resp: 10766

Ion Ratio Lower Upper

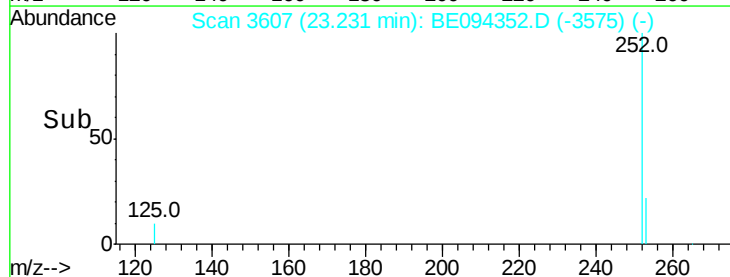
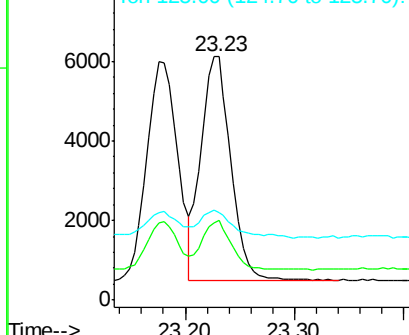
252 100

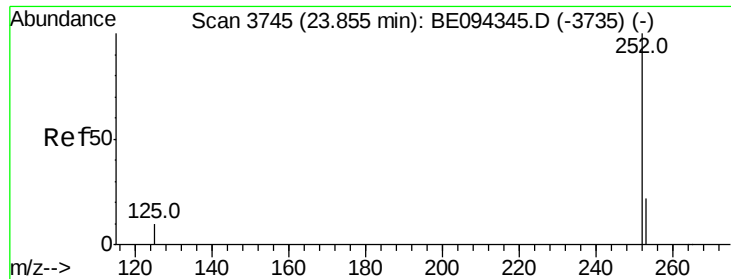
253 32.6 24.5 36.7

125 36.0 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: 0.418 ng/ul

RT: 23.85 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :

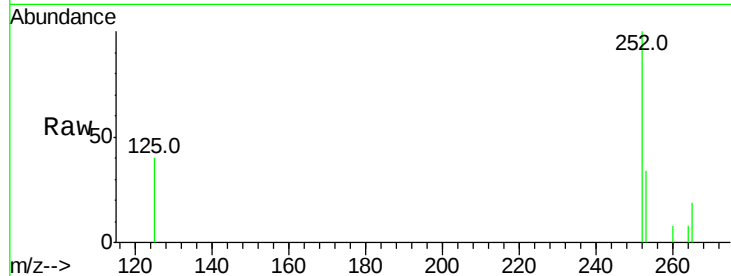
Tot Ion:252 Resp: 10474

Ion Ratio Lower Upper

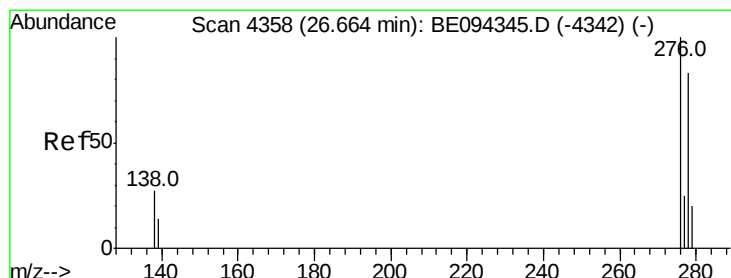
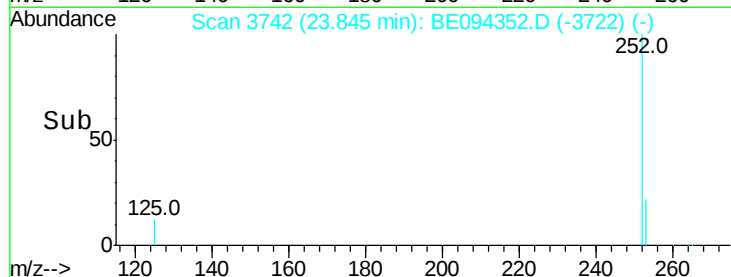
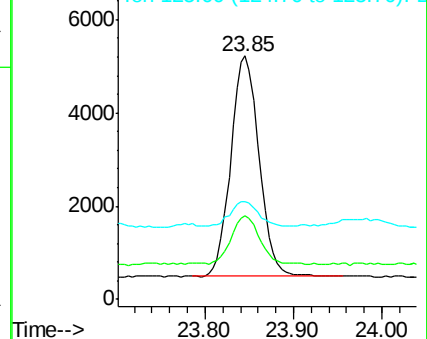
252 100

253 34.5 28.5 42.7

125 40.2 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: 0.455 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. -0.02 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

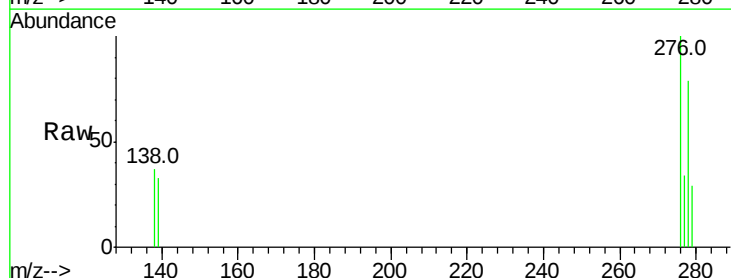
Tgt Ion:276 Resp: 11655

Ion Ratio Lower Upper

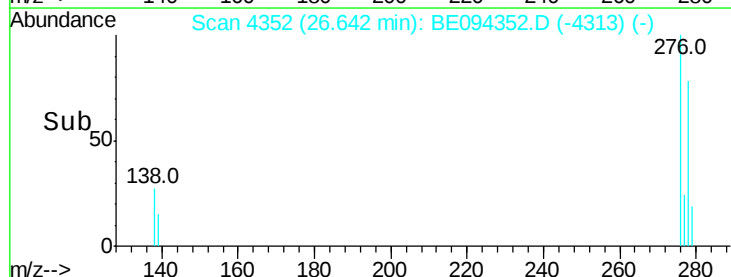
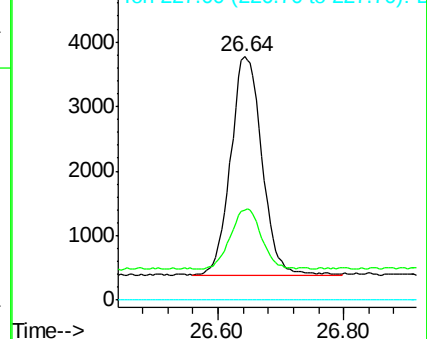
276 100

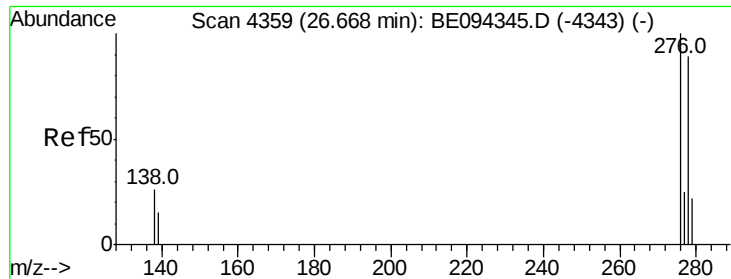
138 27.0 28.0 42.0#

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: 0.462 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.02 min

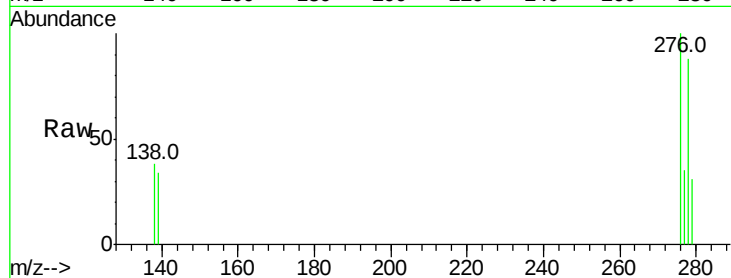
Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Instrument :

BNA_E

ClientSampleId :



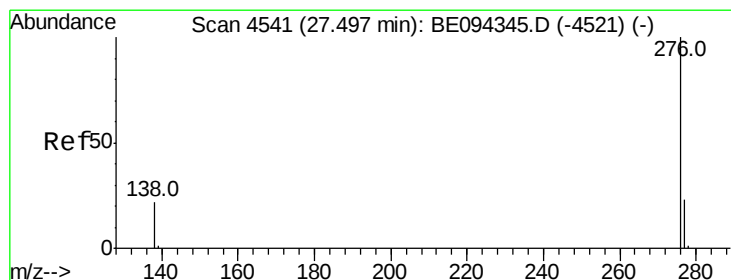
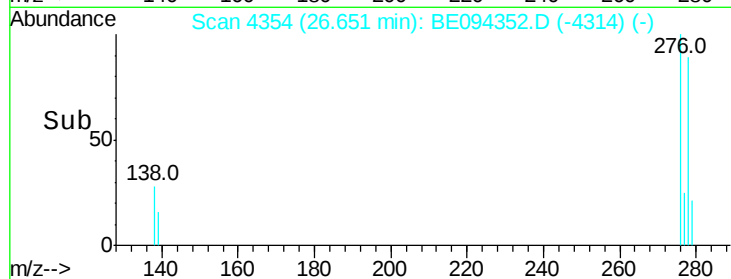
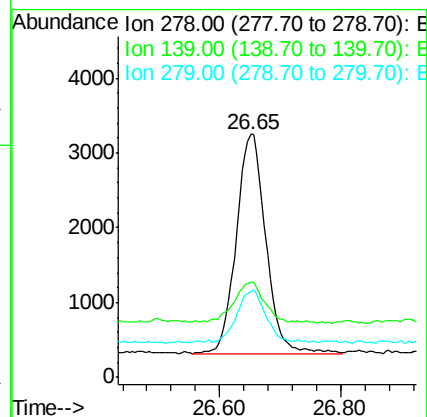
Tot Ion:278 Resp: 9929

Ion Ratio Lower Upper

278 100

139 39.0 17.4 26.0#

279 35.6 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 0.434 ng/ul

RT: 27.48 min Scan# 4535

Delta R.T. -0.02 min

Lab File: BE094352.D

Acq: 14 Oct 2017 9:55

Tgt Ion:276 Resp: 9593

Ion Ratio Lower Upper

276 100

138 36.5 21.8 32.8#

277 35.1 20.5 30.7#

