

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094320.D
 Acq On : 13 Oct 2017 11:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 01:58:21 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

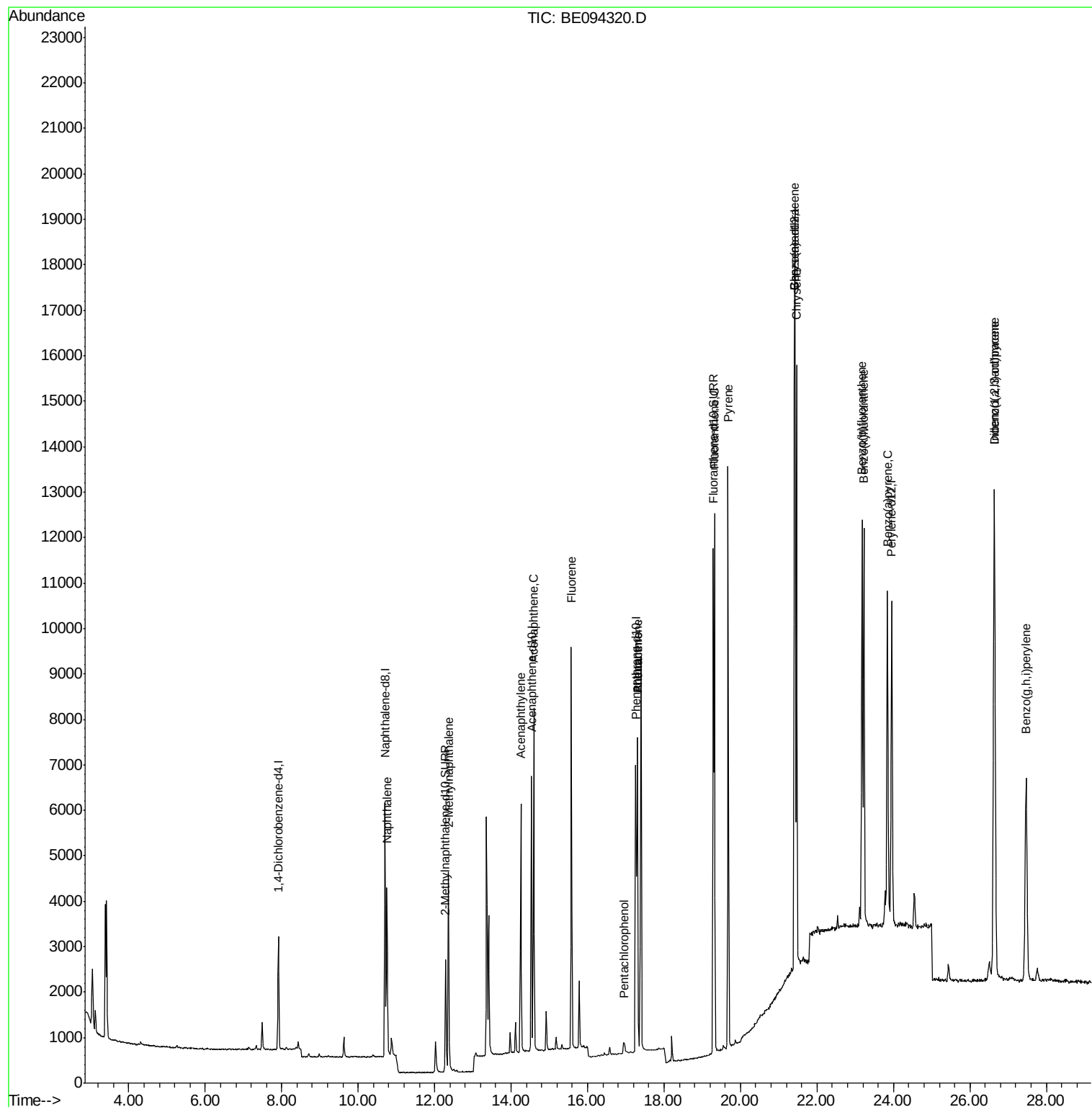
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1357	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9225	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11668	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10654	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3927	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	12789	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5983	0.391	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	4176	0.421	ng/ul	97
7) Acenaphthylene	14.25	152	6827	0.483	ng/ul	98
8) Acenaphthene	14.59	153	4736	0.407	ng/ul	98
9) Fluorene	15.57	166	5742	0.422	ng/ul	91
11) Pentachlorophenol	16.94	266	339	0.313	ng/ul	94
12) Phenanthrene	17.31	178	9725	0.403	ng/ul	94
13) Anthracene	17.31	178	9706	0.414	ng/ul	95
15) Fluoranthene	19.32	202	13242	0.418	ng/ul	84
17) Pyrene	19.68	202	13999	0.431	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	13732	0.444	ng/ul#	87
19) Chrysene	21.46	228	12869	0.360	ng/ul	93
21) Benzo(b)fluoranthene	23.18	252	12369	0.427	ng/ul	92
22) Benzo(k)fluoranthene	23.23	252	12501	0.374	ng/ul#	94
23) Benzo(a)pyrene	23.84	252	12129	0.403	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.64	276	13241	0.430	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.64	278	11112	0.431	ng/ul#	92
26) Benzo(g,h,i)perylene	27.47	276	11064	0.417	ng/ul#	89

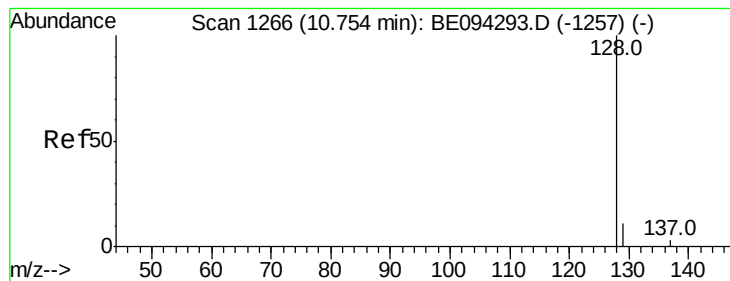
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Thu Oct 12 08:55:52 2017
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#3

Naphthalene

Concen: 0.391 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

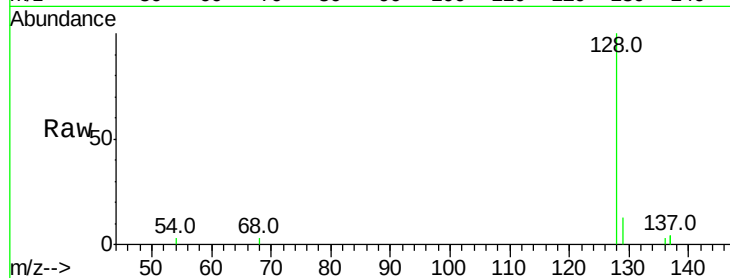
Tot Ion:128 Resp: 5983

Ion Ratio Lower Upper

128 100

129 12.6 11.3 16.9

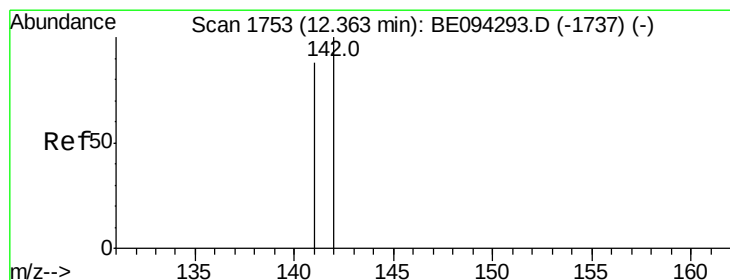
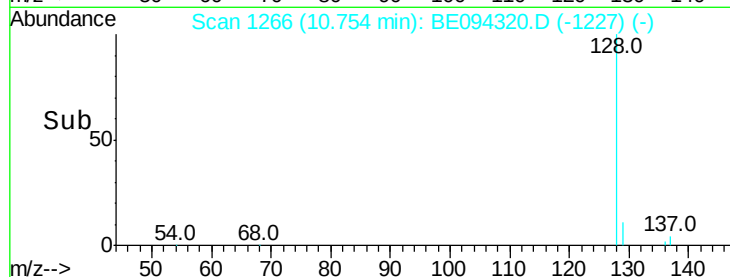
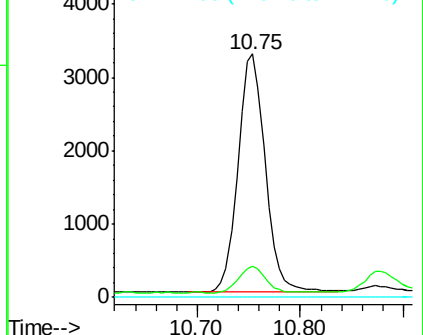
127 0.0 4.0 6.0#



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: 0.421 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE094320.D

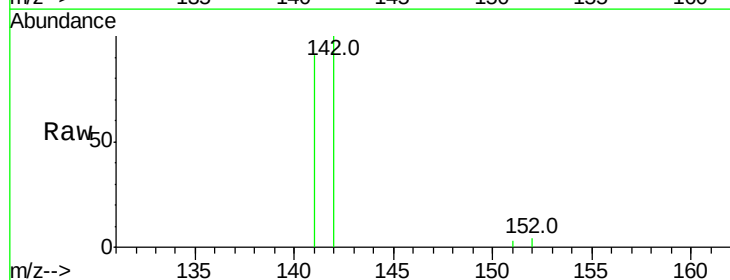
Acq: 13 Oct 2017 11:41

Tgt Ion:142 Resp: 4176

Ion Ratio Lower Upper

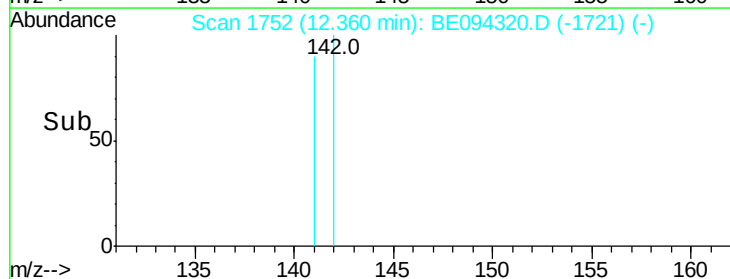
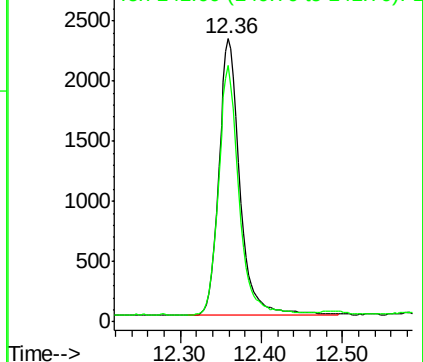
142 100

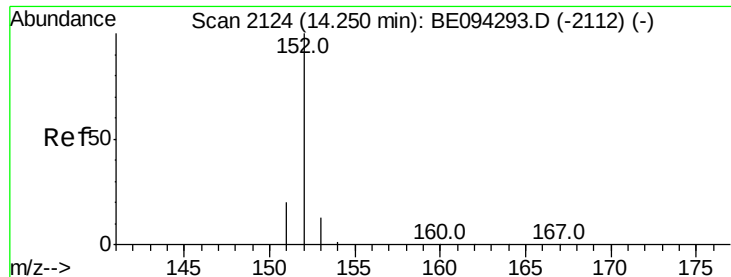
141 87.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.483 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

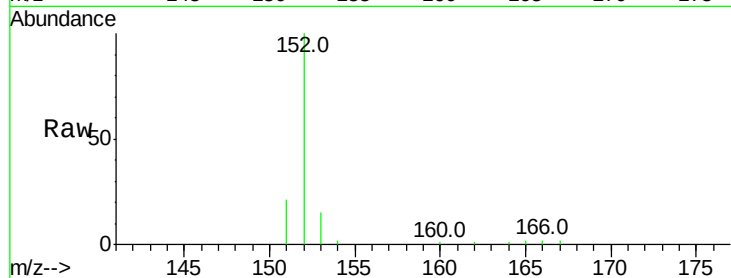
Tot Ion:152 Resp: 6827

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

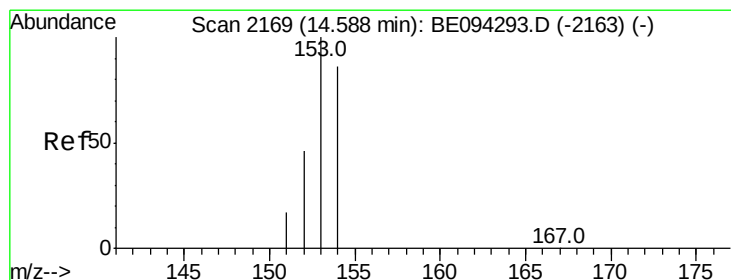
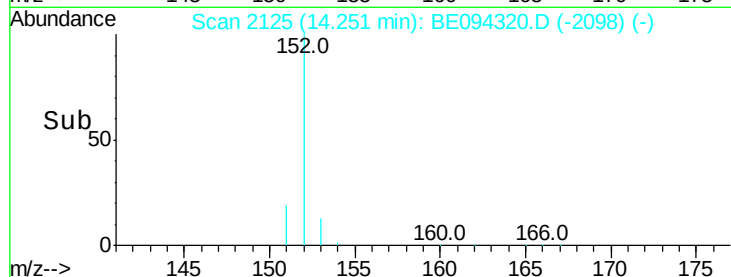
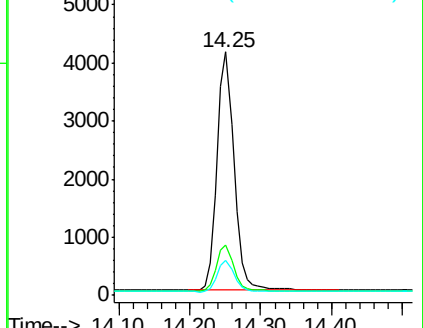
153 14.6 12.8 19.2



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: 0.407 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

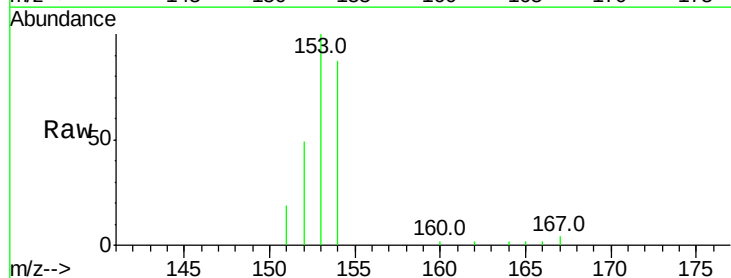
Tgt Ion:153 Resp: 4736

Ion Ratio Lower Upper

153 100

152 49.5 40.3 60.5

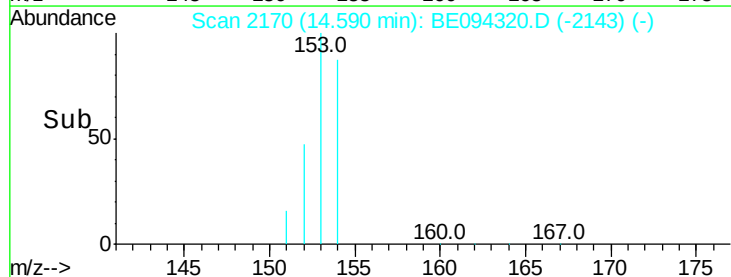
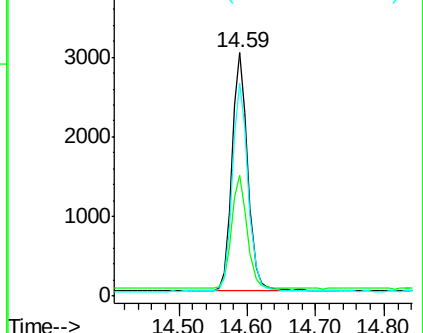
154 87.4 71.4 107.2

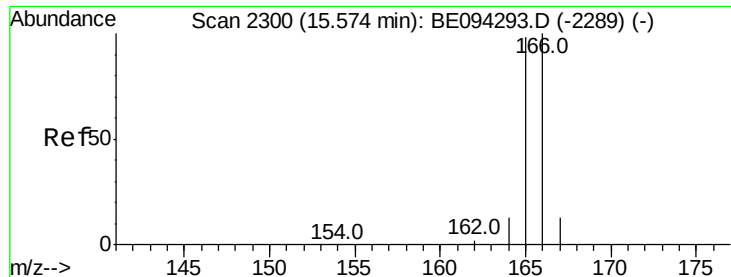


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.422 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

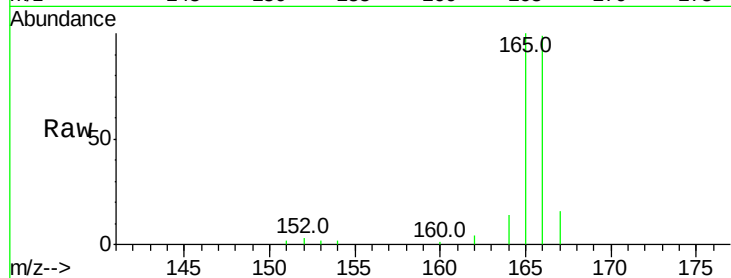
Tot Ion:166 Resp: 5742

Ion Ratio Lower Upper

166 100

165 100.6 73.4 110.2

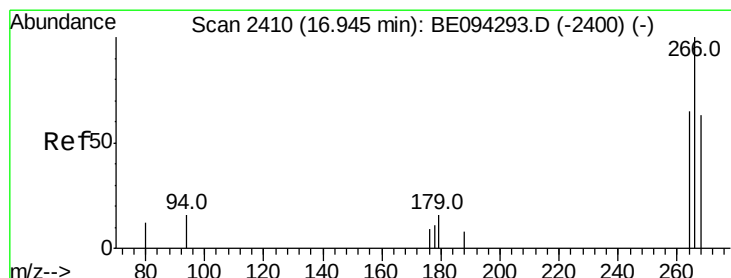
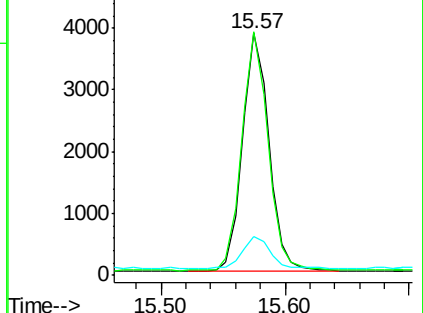
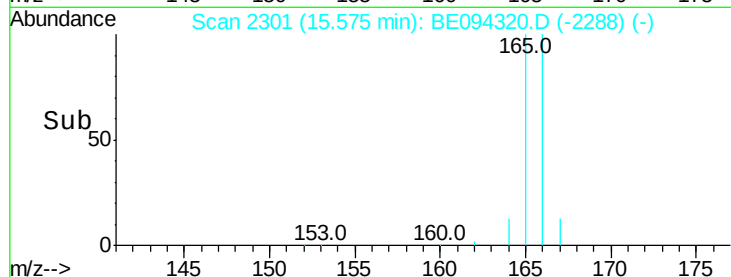
167 15.9 14.6 22.0



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: 0.313 ng/ul

RT: 16.94 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

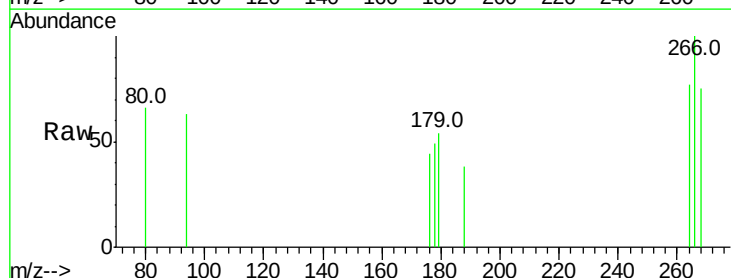
Tgt Ion:266 Resp: 339

Ion Ratio Lower Upper

266 100

264 61.4 47.9 71.9

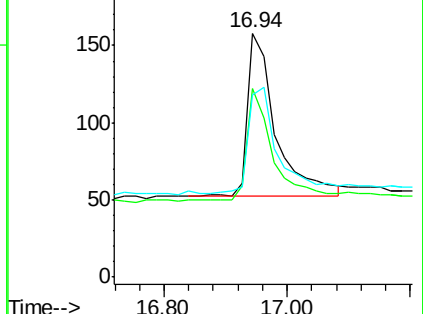
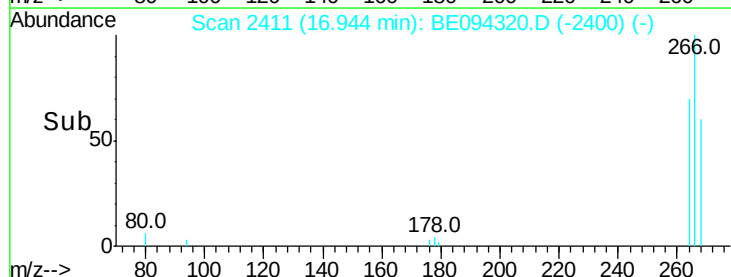
268 69.3 49.8 74.8

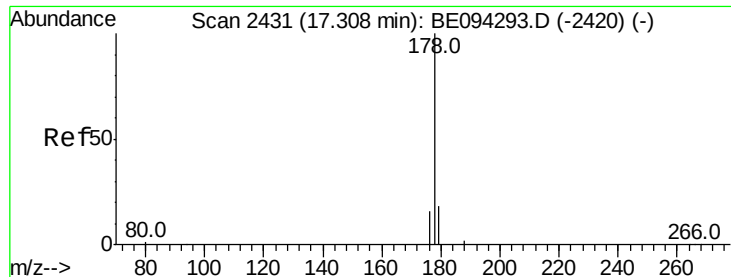


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.31 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

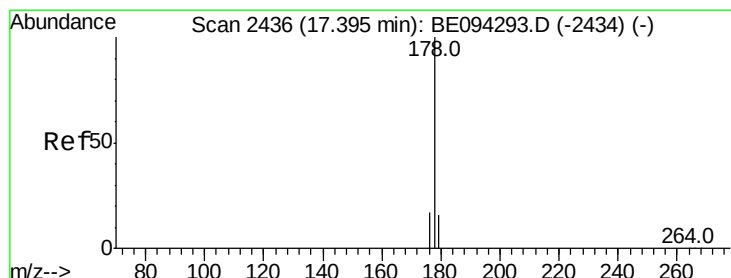
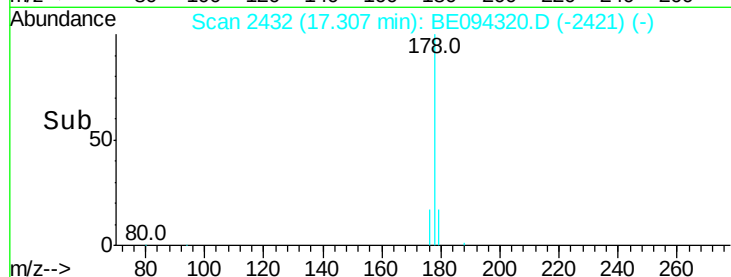
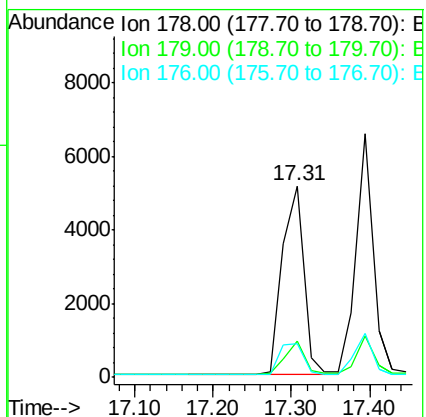
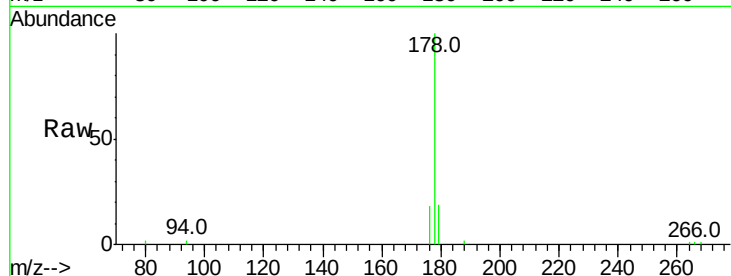
Tot Ion:178 Resp: 9725

Ion Ratio Lower Upper

178 100

179 18.7 18.4 27.6

176 17.6 13.6 20.4



#13

Anthracene

Concen: 0.414 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.09 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

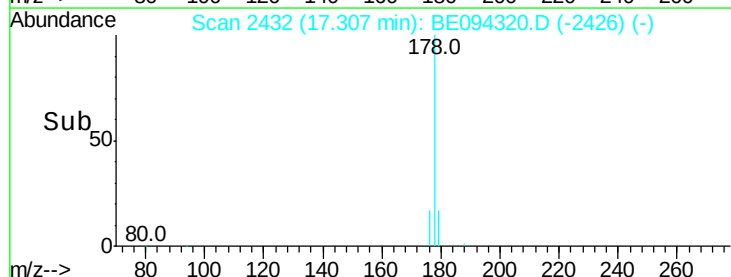
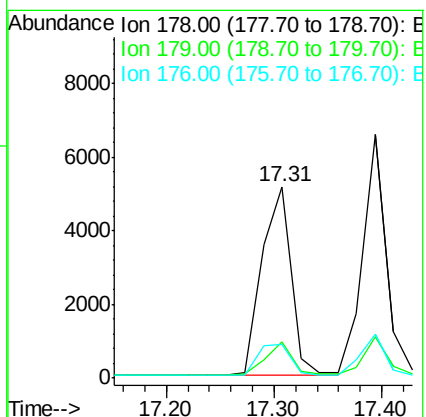
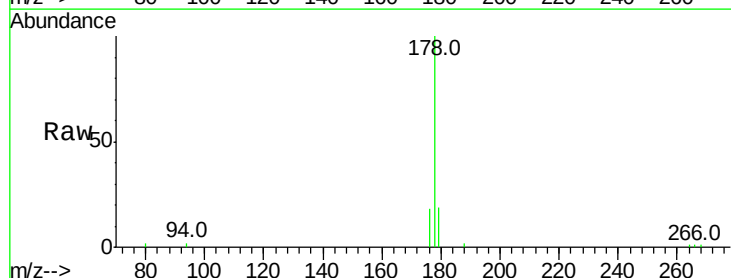
Tgt Ion:178 Resp: 9706

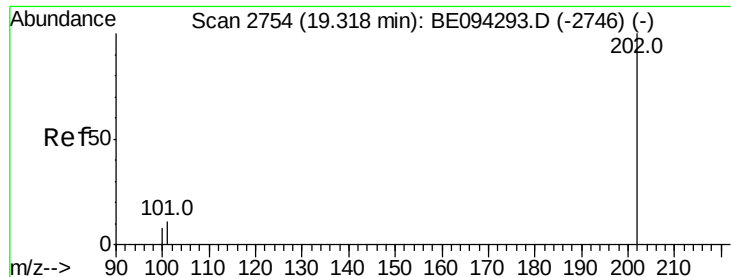
Ion Ratio Lower Upper

178 100

179 18.7 18.1 27.1

176 17.6 14.7 22.1





#15

Fluoranthene

Concen: 0.418 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

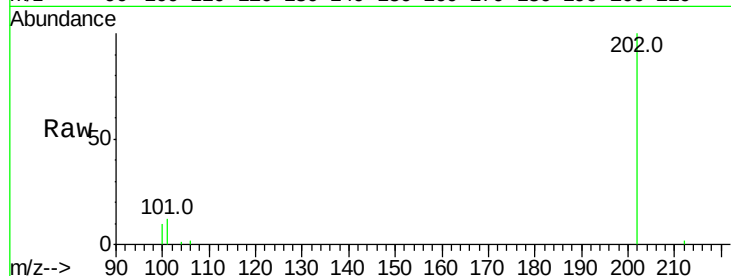
Tot Ion:202 Resp: 13242

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

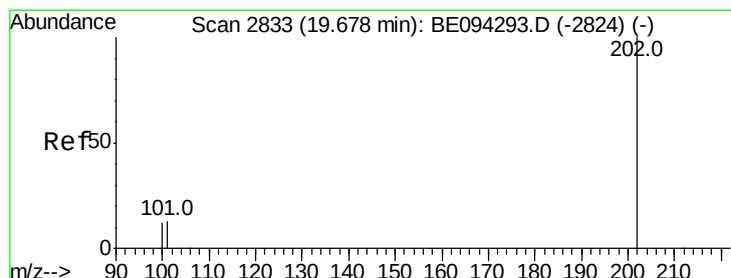
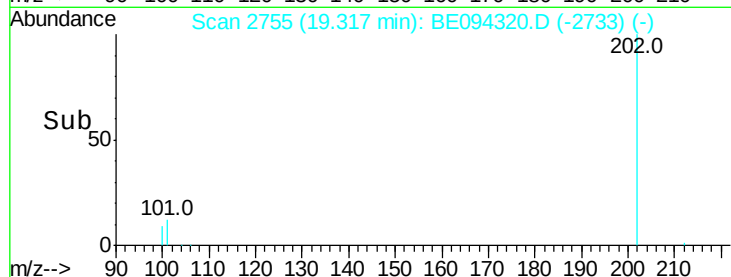
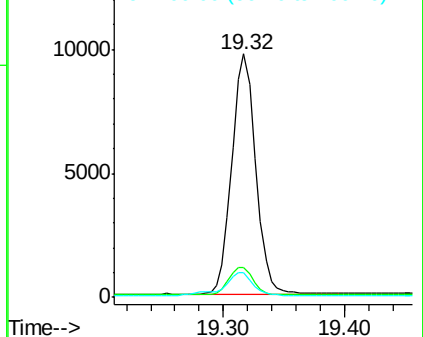
100 10.0 0.0 39.5



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: 0.431 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

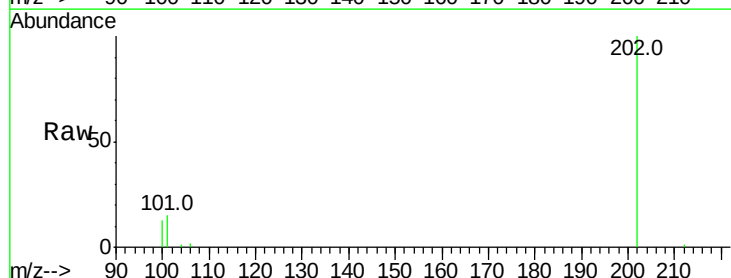
Tgt Ion:202 Resp: 13999

Ion Ratio Lower Upper

202 100

101 14.8 18.2 27.4#

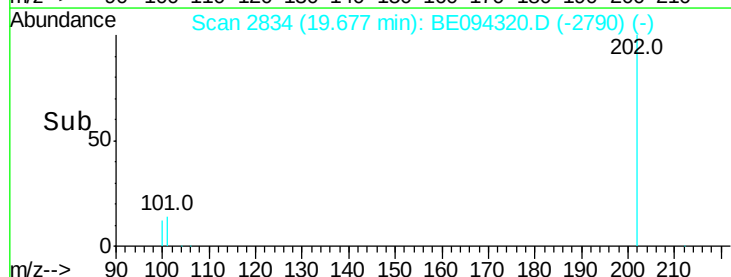
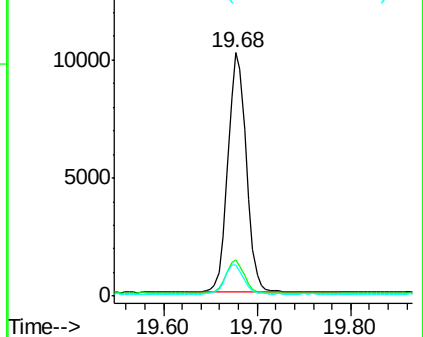
100 12.7 15.6 23.4#

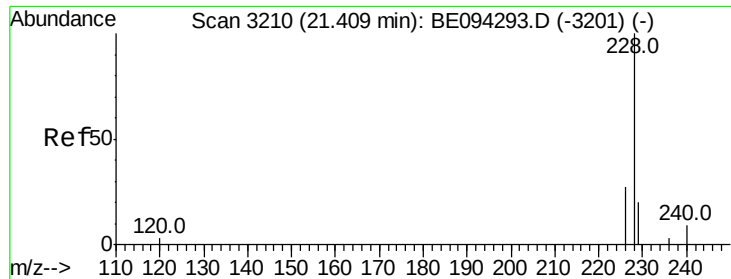


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

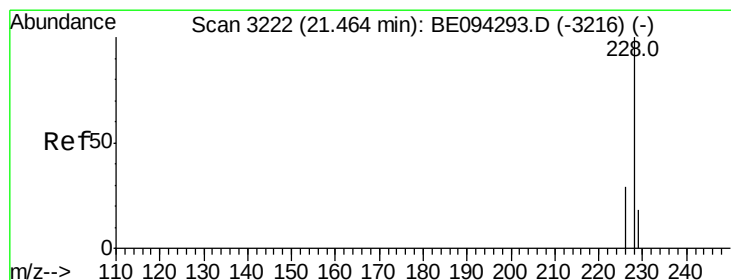
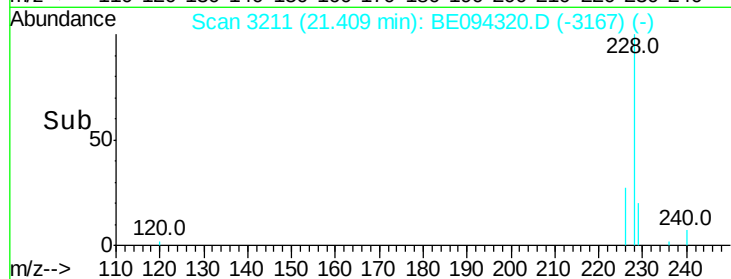
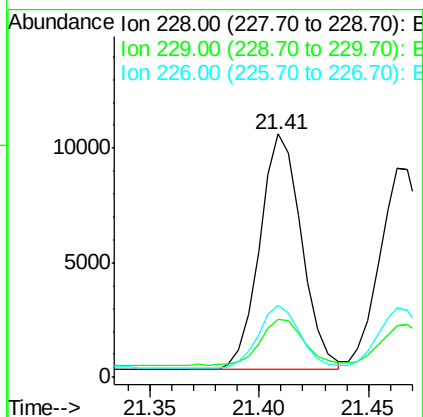
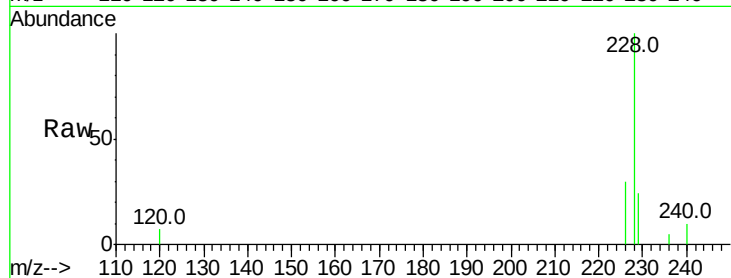




#18
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094320.D
Acq: 13 Oct 2017 11:41

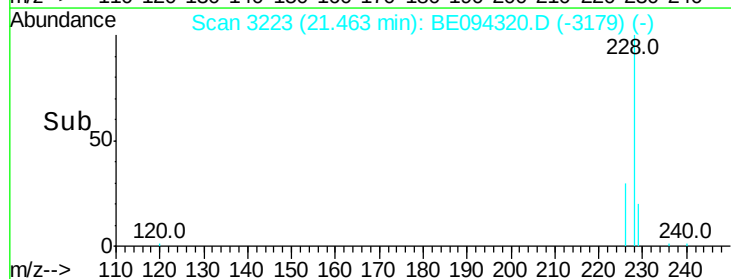
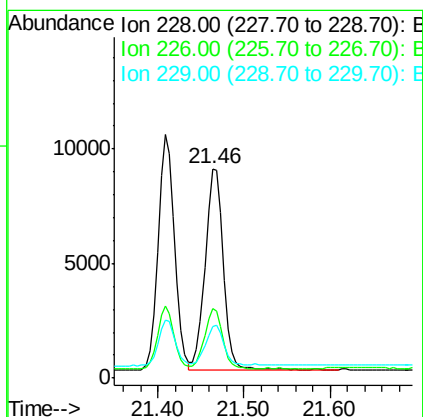
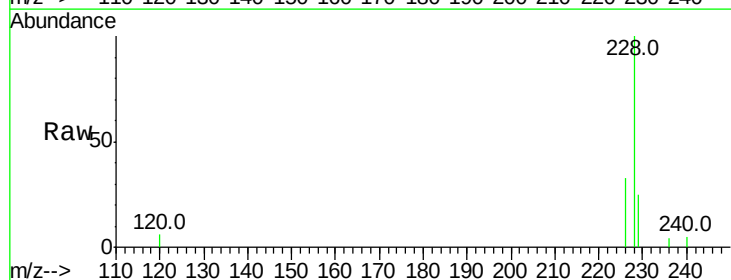
Instrument :
BNA_E
ClientSampleId :

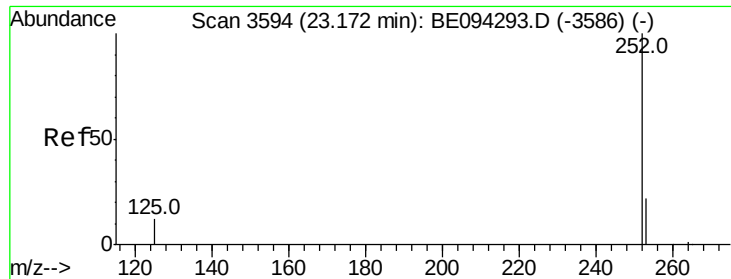
Tot Ion:228 Resp: 13732
Ion Ratio Lower Upper
228 100
229 24.0 22.8 34.2
226 29.8 17.0 25.6#



#19
Chrysene
Concen: 0.360 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094320.D
Acq: 13 Oct 2017 11:41

Tgt Ion:228 Resp: 12869
Ion Ratio Lower Upper
228 100
226 33.4 23.4 35.0
229 24.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.427 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

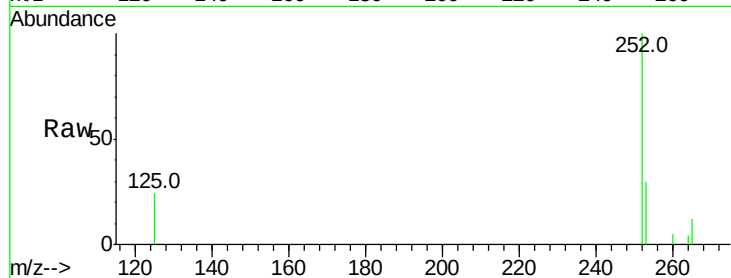
Tot Ion:252 Resp: 12369

Ion Ratio Lower Upper

252 100

253 29.6 0.0 64.2

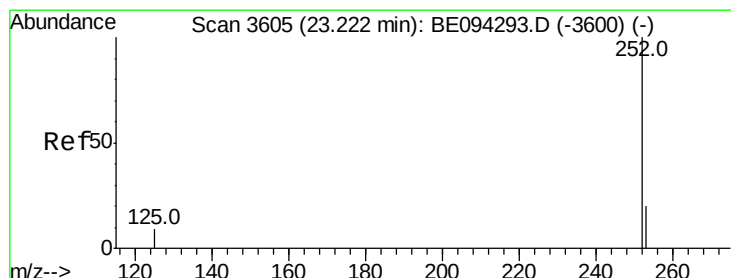
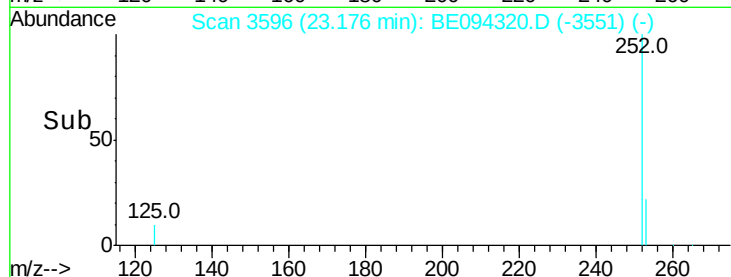
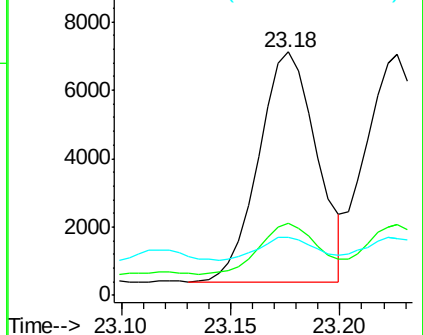
125 23.9 0.0 35.0



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: 0.374 ng/ul

RT: 23.23 min Scan# 3607

Delta R.T. 0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

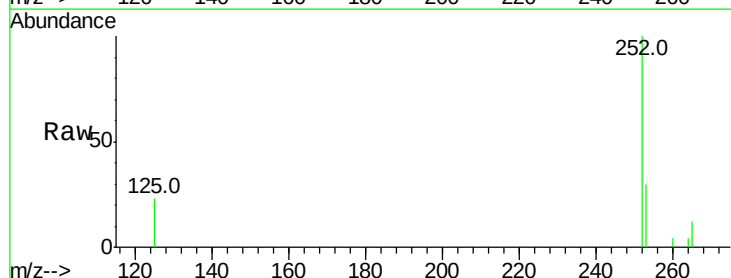
Tgt Ion:252 Resp: 12501

Ion Ratio Lower Upper

252 100

253 29.6 24.5 36.7

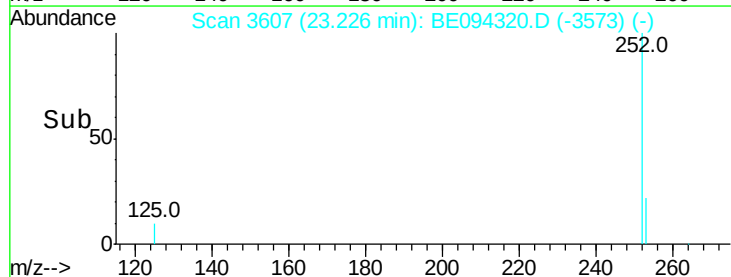
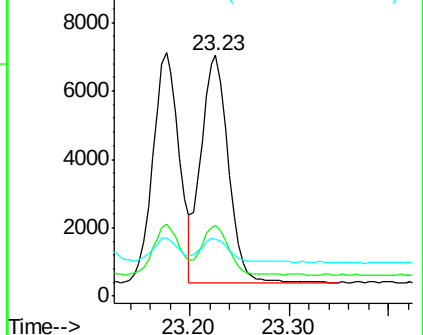
125 23.5 13.7 20.5#

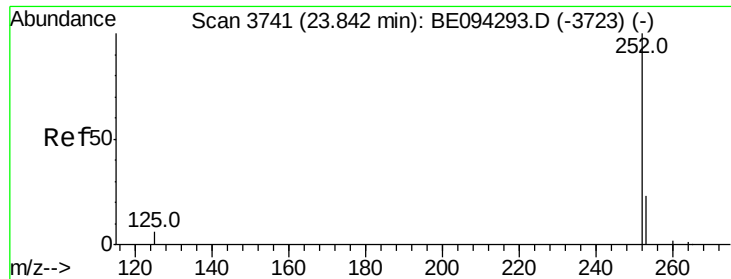


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.84 min Scan# 3742

Delta R.T. -0.00 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

Instrument :

BNA_E

ClientSampleId :

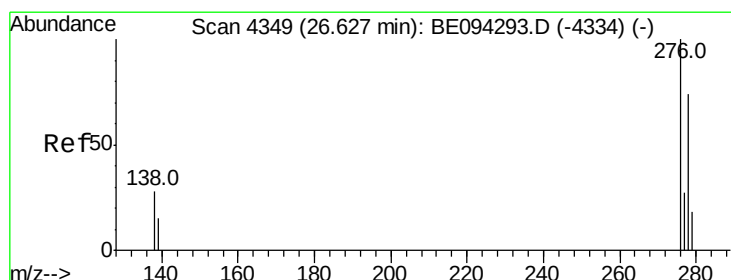
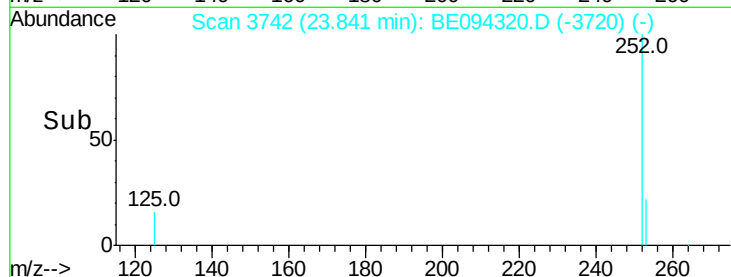
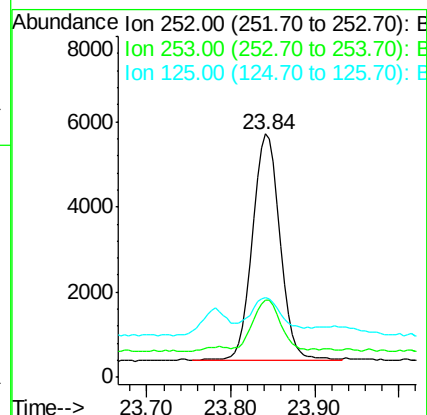
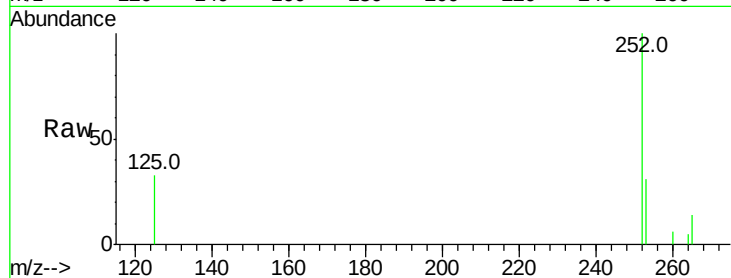
Tot Ion:252 Resp: 12129

Ion Ratio Lower Upper

252 100

253 31.5 28.5 42.7

125 32.5 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BE094320.D

Acq: 13 Oct 2017 11:41

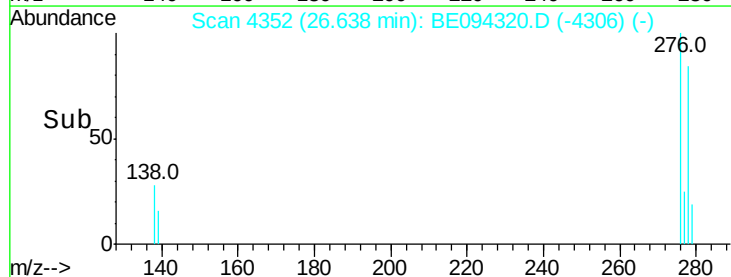
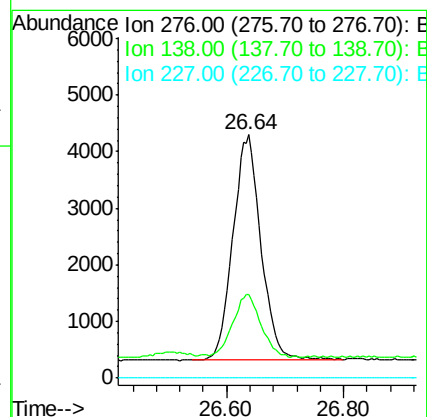
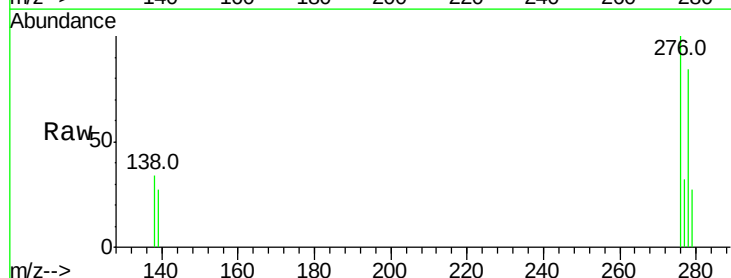
Tgt Ion:276 Resp: 13241

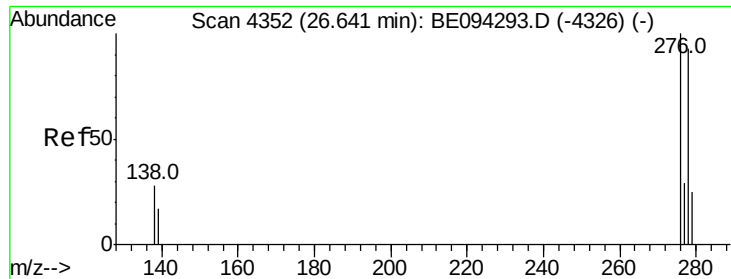
Ion Ratio Lower Upper

276 100

138 27.8 28.0 42.0#

227 0.0 8.0 12.0#

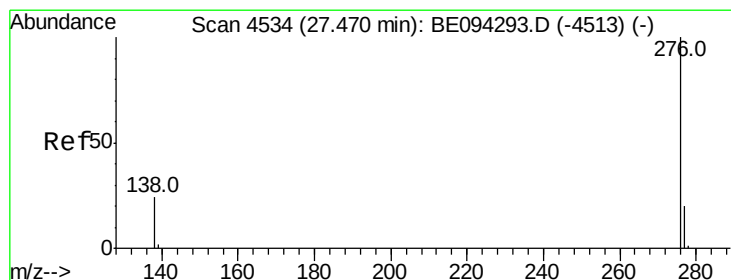
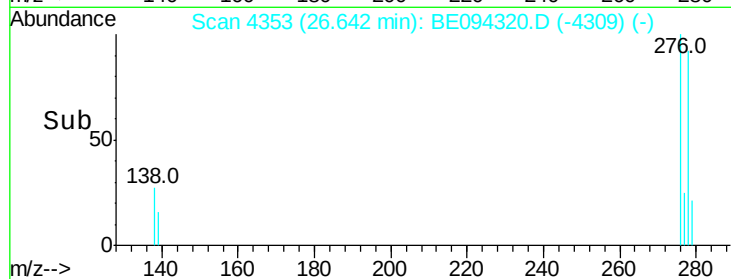
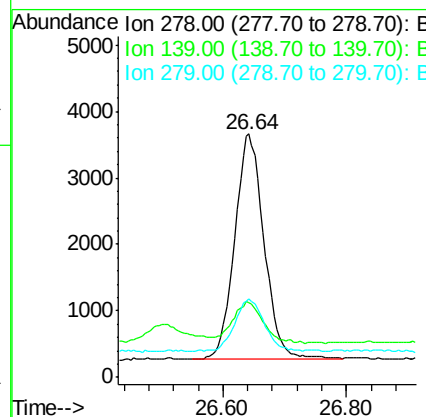
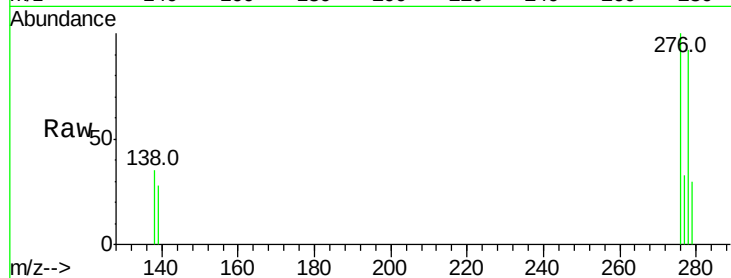




#25
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BE094320.D
Acq: 13 Oct 2017 11:41

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11112
Ion Ratio Lower Upper
278 100
139 30.5 17.4 26.0#
279 32.2 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 27.47 min Scan# 4534
Delta R.T. -0.00 min
Lab File: BE094320.D
Acq: 13 Oct 2017 11:41

Tgt Ion:276 Resp: 11064
Ion Ratio Lower Upper
276 100
138 31.6 21.8 32.8
277 32.5 20.5 30.7#

