

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094354.D
 Acq On : 14 Oct 2017 14:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:08:01 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

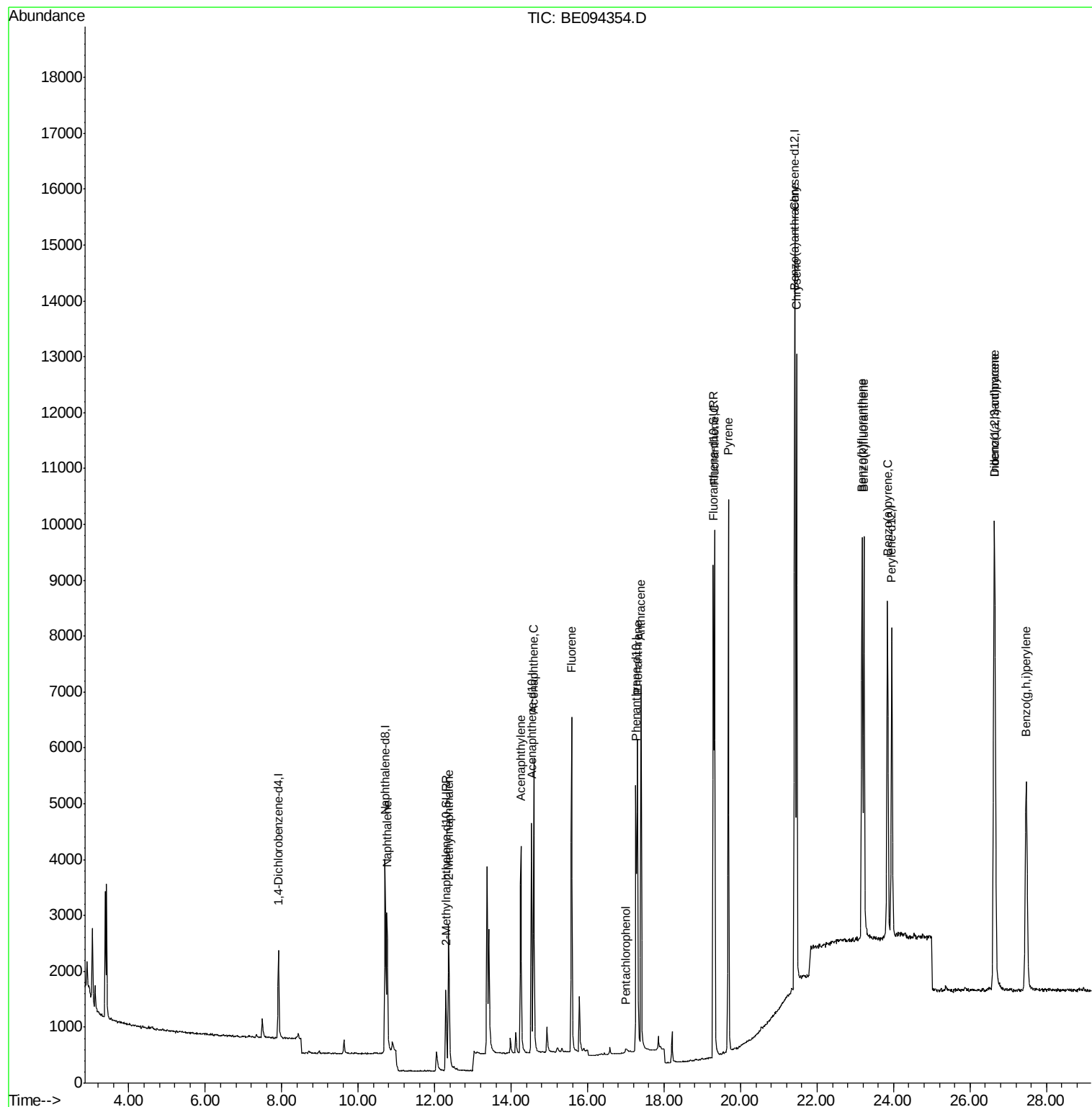
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	939	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	4481	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	2700	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7509	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9490	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8940	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2904	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11014	0.44	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	4508	0.411	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	3042	0.427	ng/ul	99
7) Acenaphthylene	14.25	152	5258	0.500	ng/ul	98
8) Acenaphthene	14.59	153	3607	0.416	ng/ul	99
9) Fluorene	15.57	166	4503	0.444	ng/ul	91
11) Pentachlorophenol	17.00	266	168	0.191	ng/ul	95
12) Phenanthrene	17.31	178	8263	0.421	ng/ul#	93
13) Anthracene	17.39	178	8281	0.434	ng/ul#	93
15) Fluoranthene	19.32	202	11217	0.435	ng/ul	84
17) Pyrene	19.68	202	12046	0.456	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	11548	0.459	ng/ul#	87
19) Chrysene	21.46	228	11229	0.386	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	10656	0.439	ng/ul	92
22) Benzo(k)fluoranthene	23.23	252	10846	0.386	ng/ul#	92
23) Benzo(a)pyrene	23.84	252	10406	0.412	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.64	276	11494	0.445	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.64	278	9528	0.440	ng/ul#	92
26) Benzo(g,h,i)perylene	27.47	276	9554	0.429	ng/ul#	91

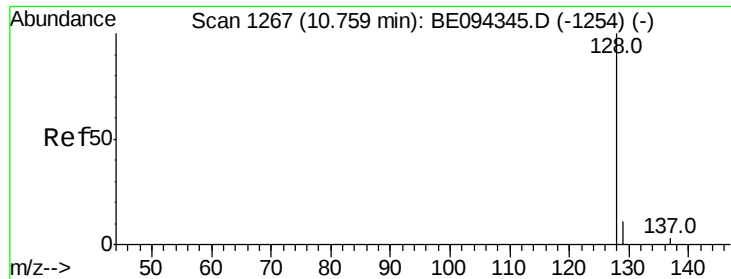
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.411 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

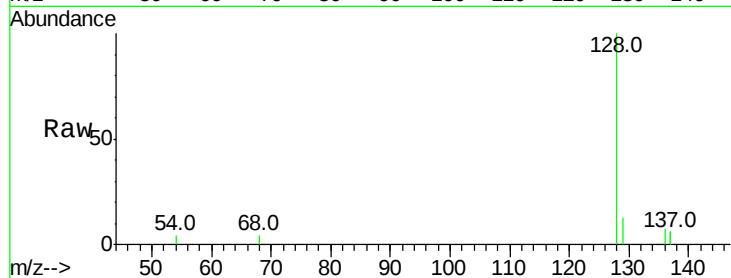
Tot Ion:128 Resp: 4508

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

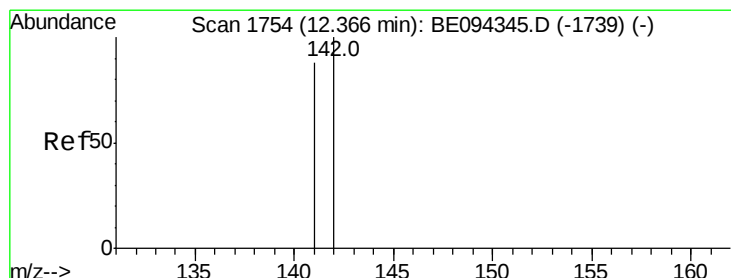
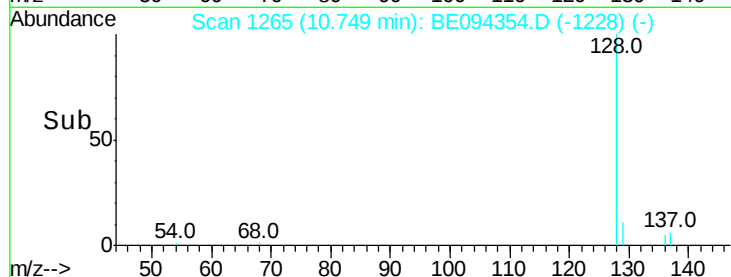
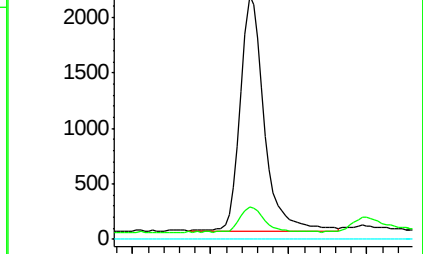
127 0.0 4.0 6.0#



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: 0.427 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BE094354.D

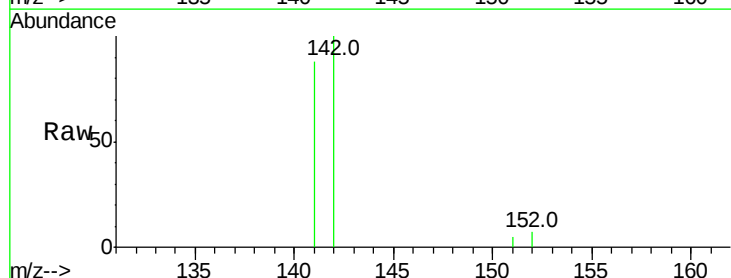
Acq: 14 Oct 2017 14:24

Tgt Ion:142 Resp: 3042

Ion Ratio Lower Upper

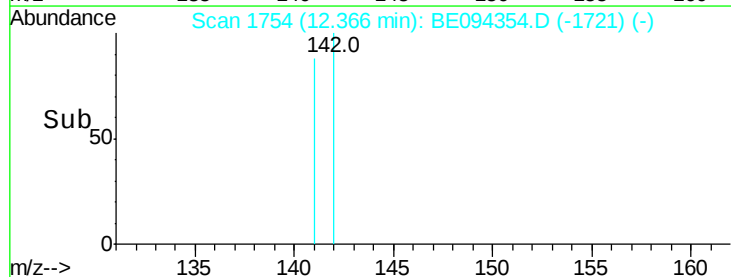
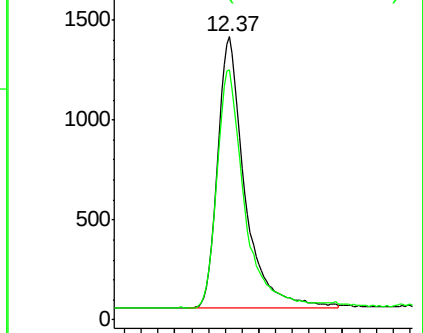
142 100

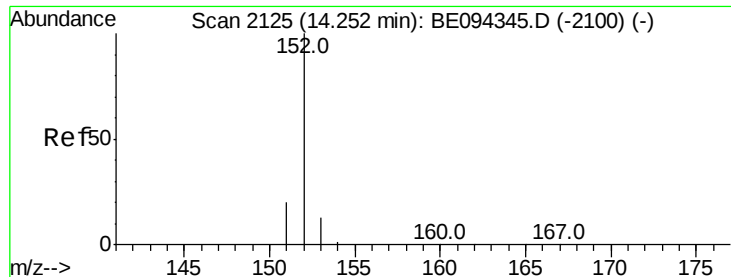
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.500 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

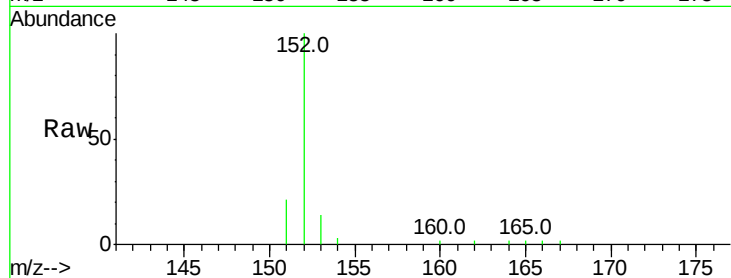
Tot Ion:152 Resp: 5258

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

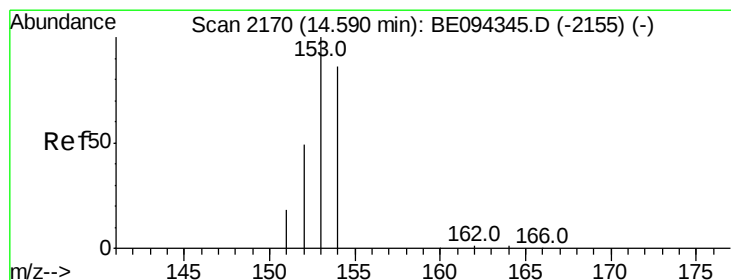
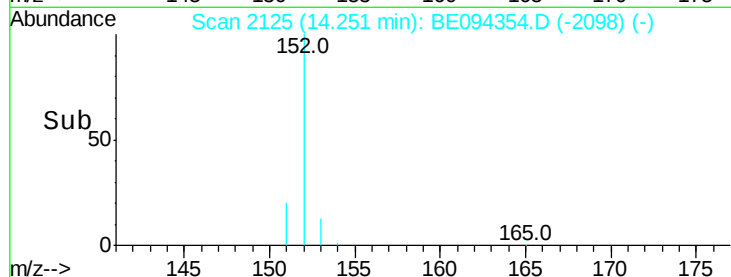
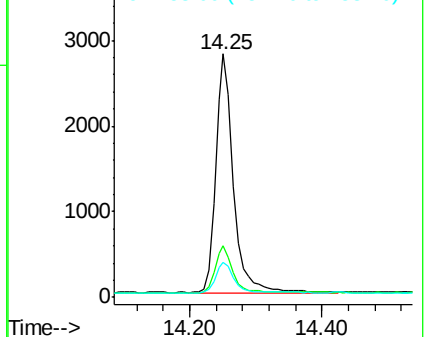
153 14.4 12.8 19.2



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: 0.416 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

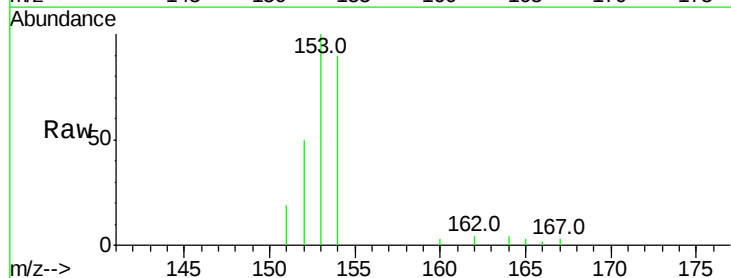
Tgt Ion:153 Resp: 3607

Ion Ratio Lower Upper

153 100

152 49.7 40.3 60.5

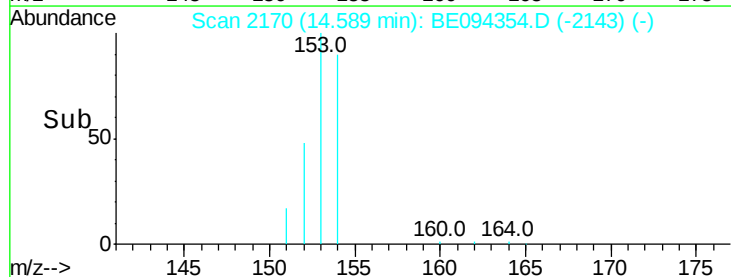
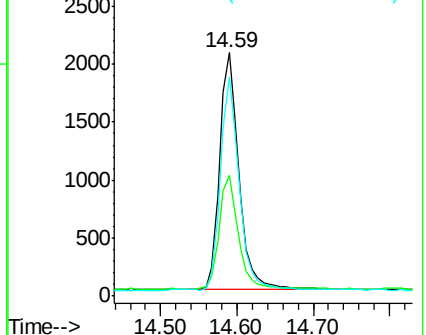
154 89.9 71.4 107.2

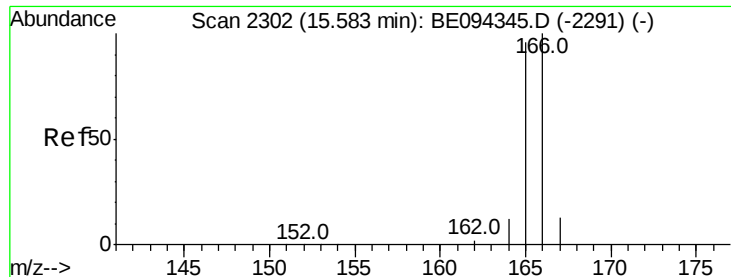


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

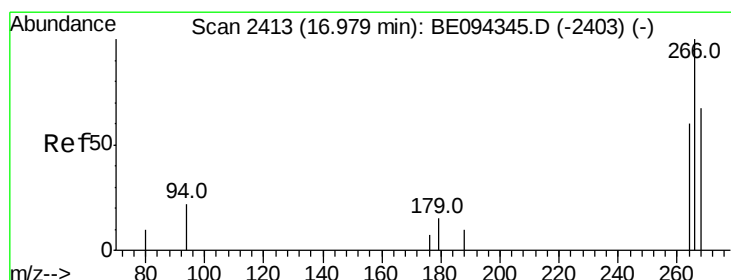
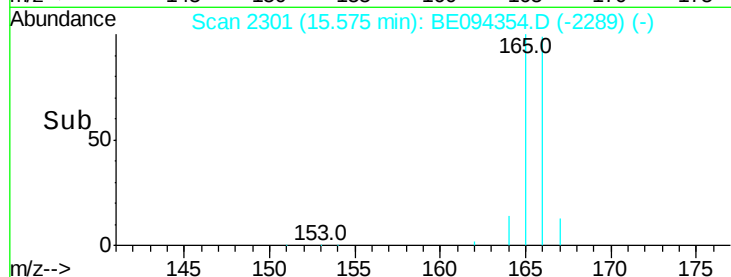
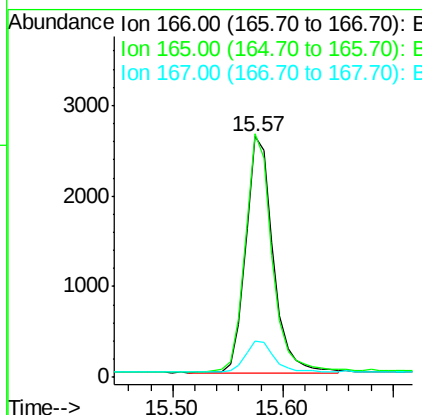
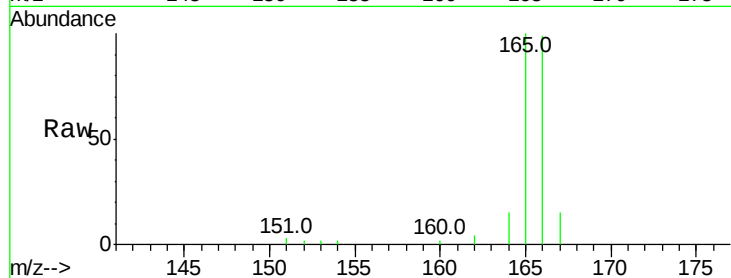




#9
Fluorene
 Concen: 0.444 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BE094354.D
 Acq: 14 Oct 2017 14:24

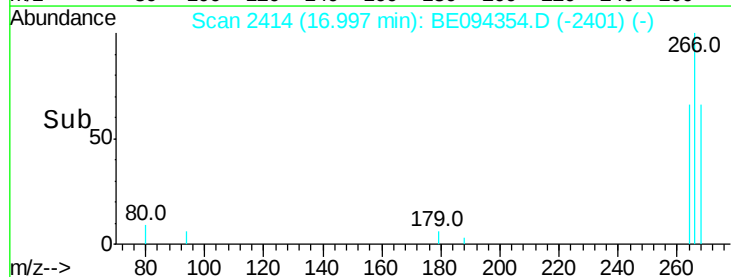
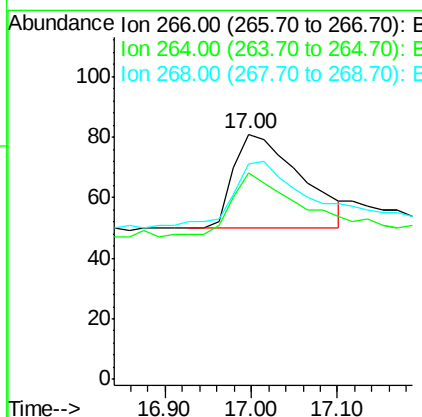
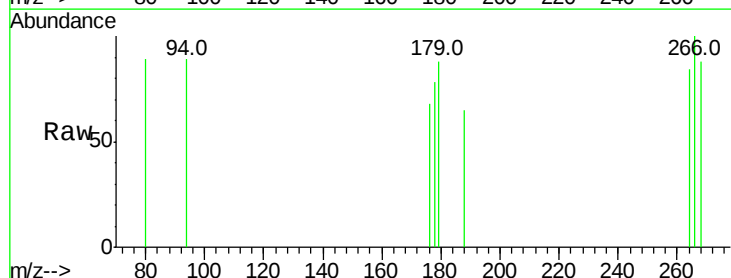
Instrument :
 BNA_E
 ClientSampleId :

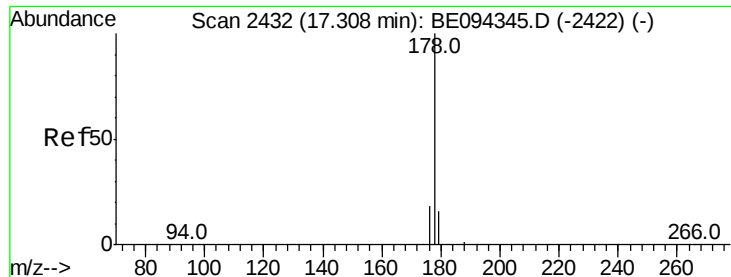
Tot Ion:166 Resp: 4503
 Ion Ratio Lower Upper
 166 100
 165 101.1 73.4 110.2
 167 14.9 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.191 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. 0.02 min
 Lab File: BE094354.D
 Acq: 14 Oct 2017 14:24

Tgt Ion:266 Resp: 168
 Ion Ratio Lower Upper
 266 100
 264 61.3 47.9 71.9
 268 69.0 49.8 74.8





#12

Phenanthrene

Concen: 0.421 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

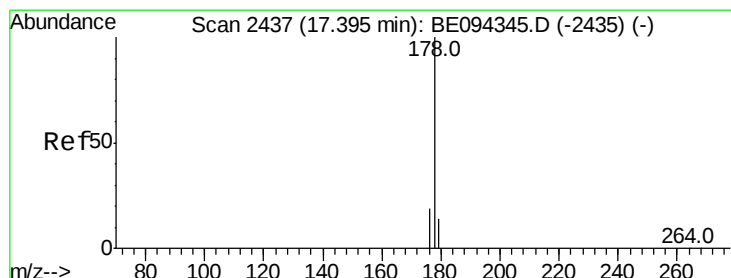
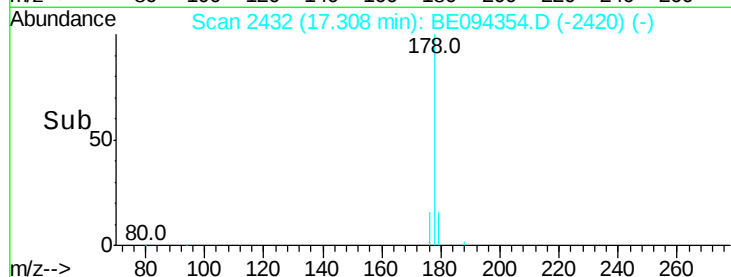
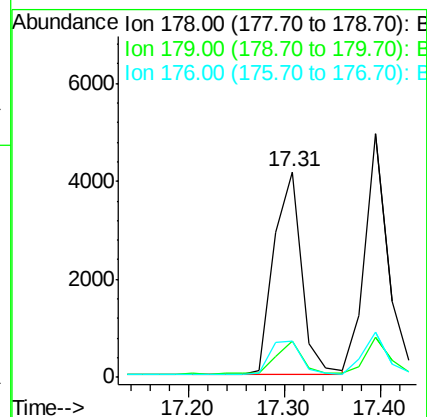
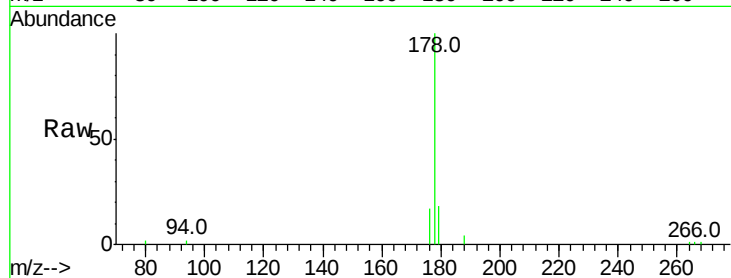
Tot Ion:178 Resp: 8263

Ion Ratio Lower Upper

178 100

179 17.7 18.4 27.6#

176 17.5 13.6 20.4



#13

Anthracene

Concen: 0.434 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

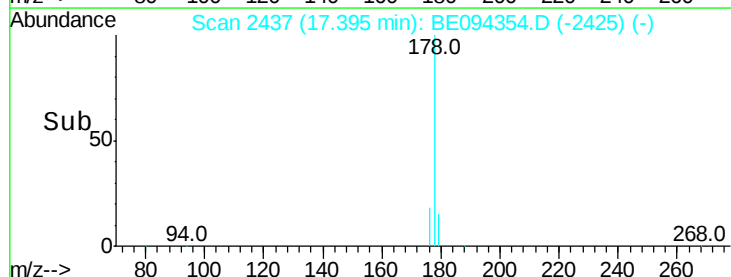
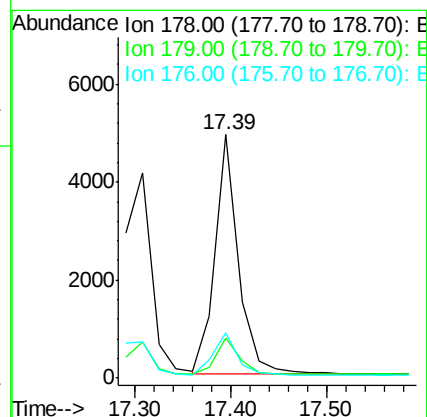
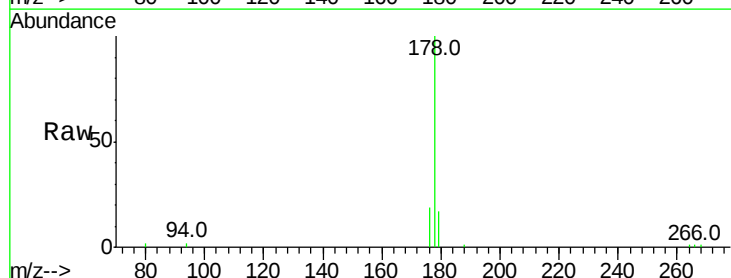
Tgt Ion:178 Resp: 8281

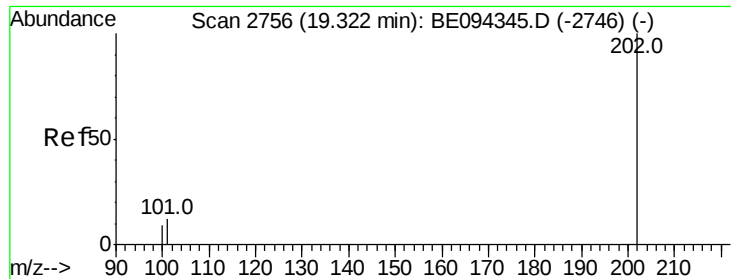
Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 18.8 14.7 22.1





#15

Fluoranthene

Concen: 0.435 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

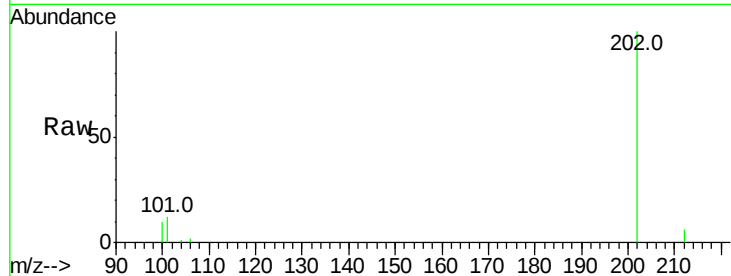
Tot Ion:202 Resp: 11217

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

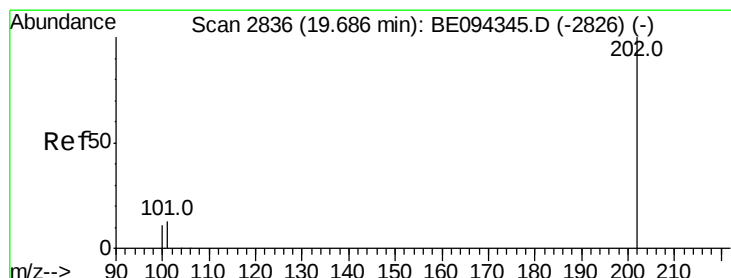
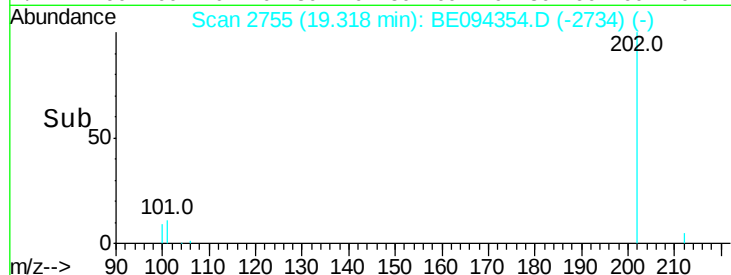
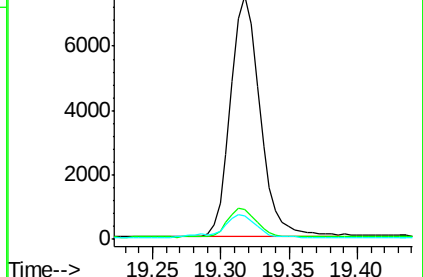
100 9.8 0.0 39.5



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: 0.456 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

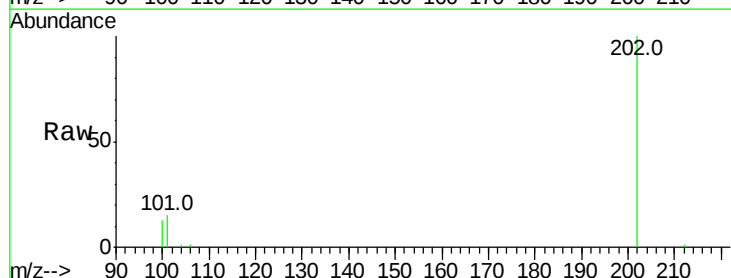
Tgt Ion:202 Resp: 12046

Ion Ratio Lower Upper

202 100

101 15.1 18.2 27.4#

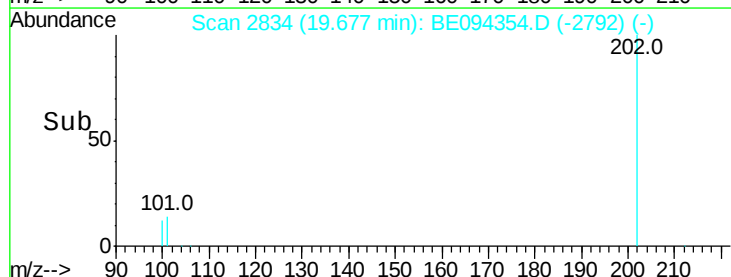
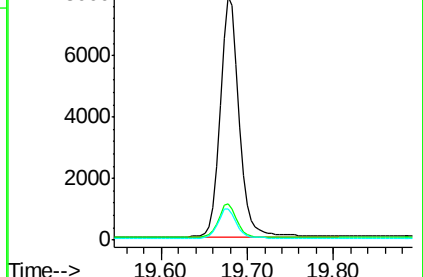
100 12.9 15.6 23.4#

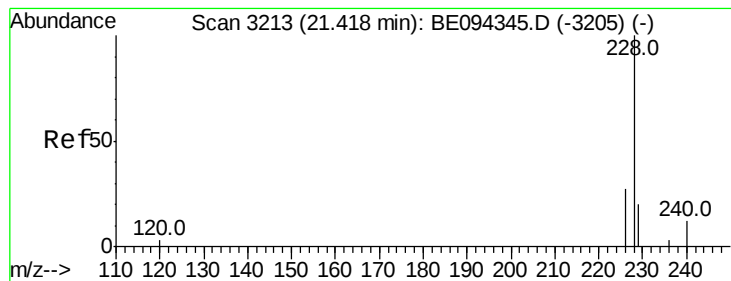


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.459 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

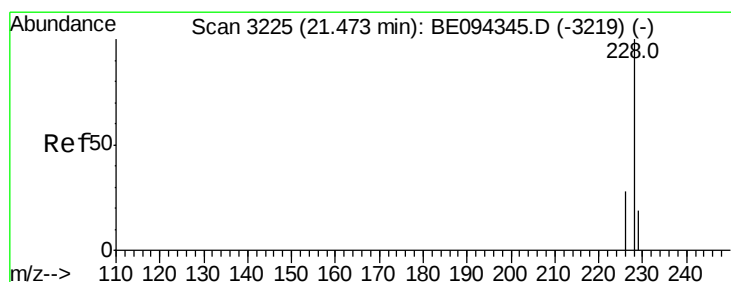
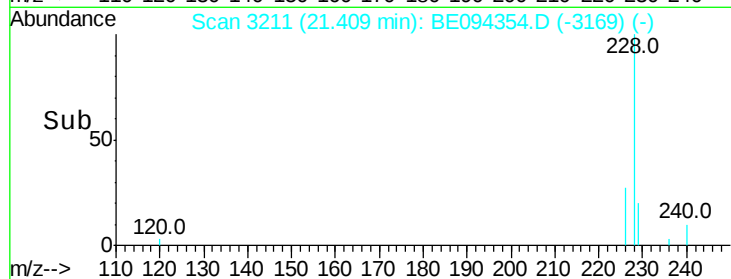
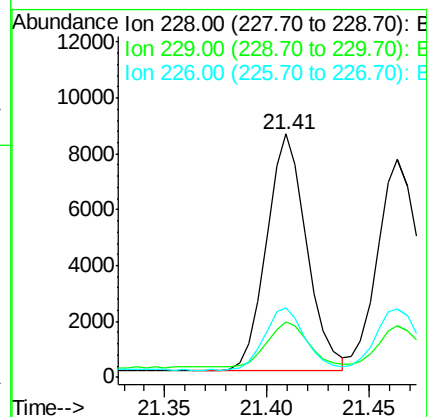
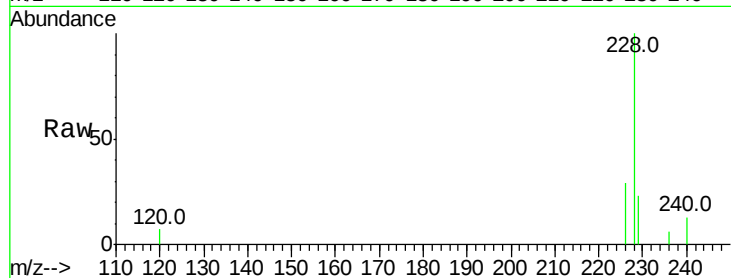
Tot Ion:228 Resp: 11548

Ion Ratio Lower Upper

228 100

229 23.0 22.8 34.2

226 28.8 17.0 25.6#



#19

Chrysene

Concen: 0.386 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

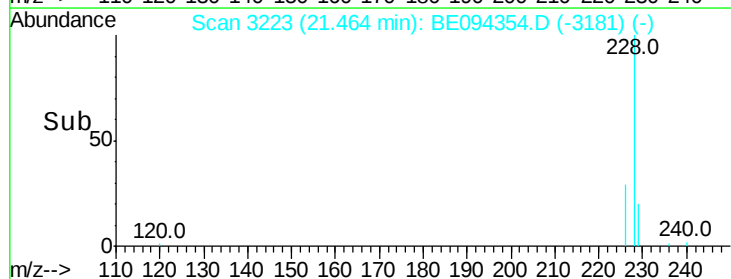
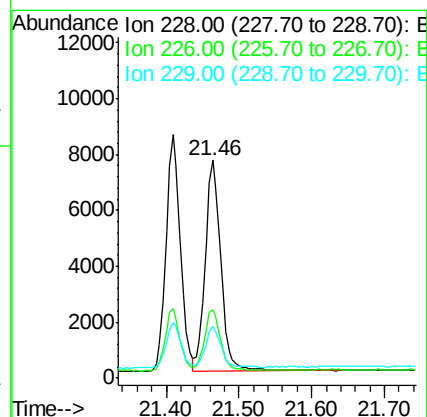
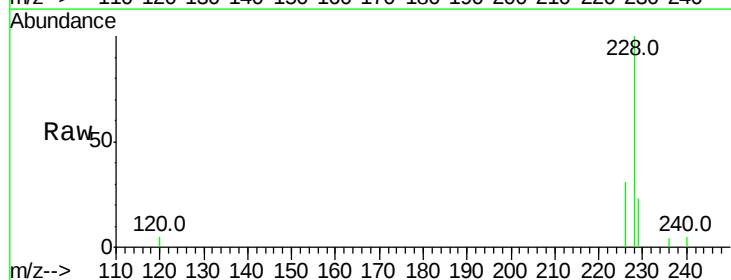
Tgt Ion:228 Resp: 11229

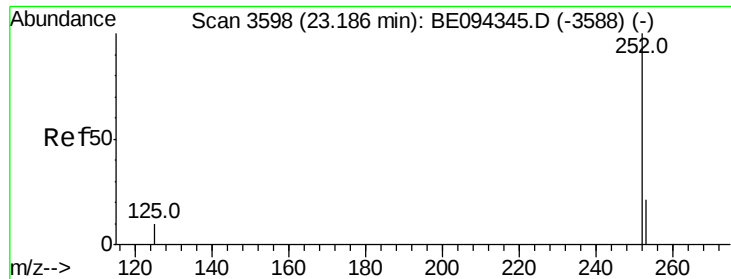
Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.0

229 23.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.439 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

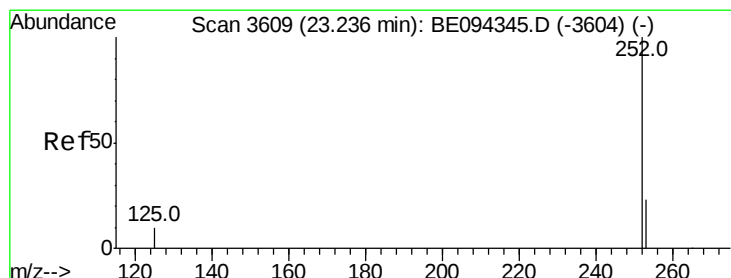
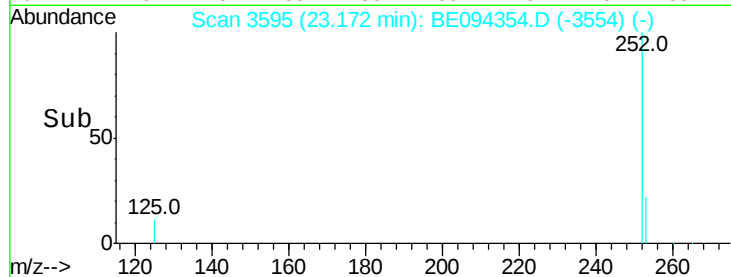
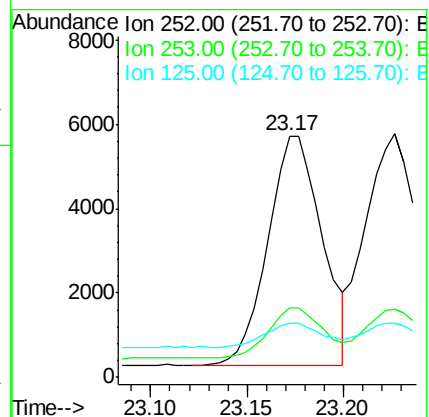
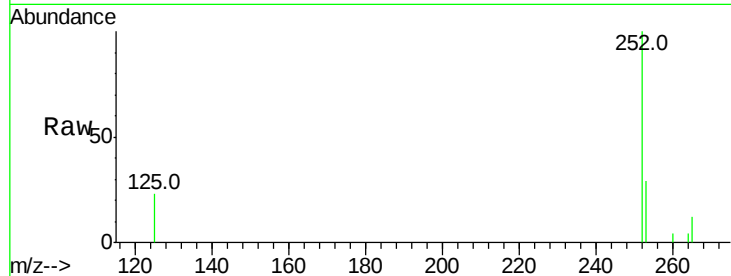
Tot Ion:252 Resp: 10656

Ion Ratio Lower Upper

252 100

253 28.7 0.0 64.2

125 22.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.386 ng/ul

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

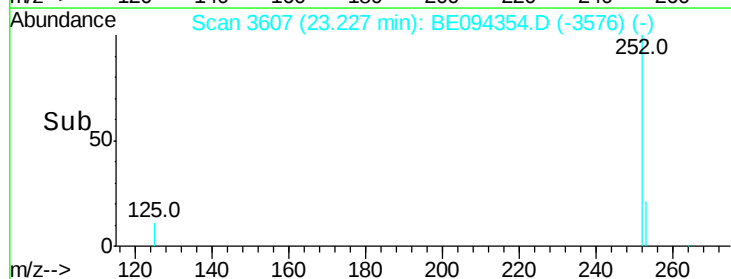
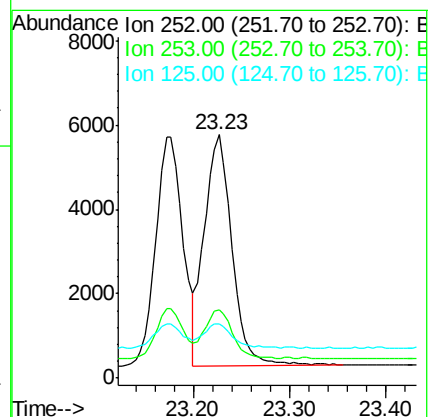
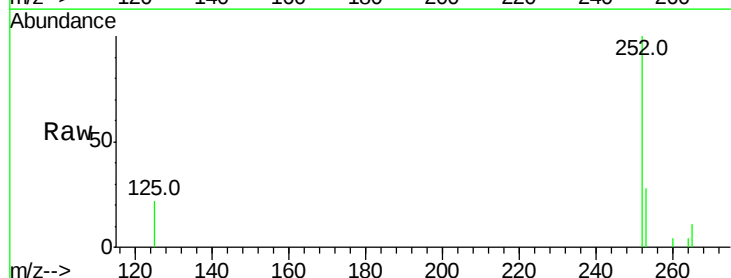
Tgt Ion:252 Resp: 10846

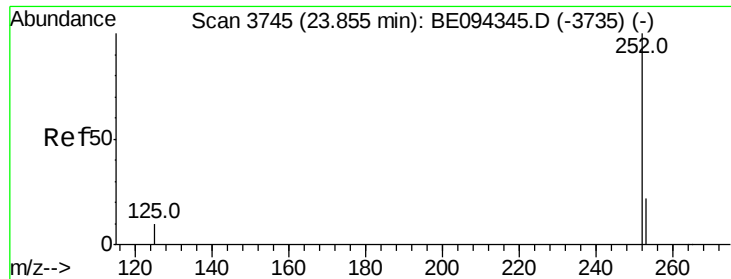
Ion Ratio Lower Upper

252 100

253 27.8 24.5 36.7

125 22.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.412 ng/ul

RT: 23.84 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

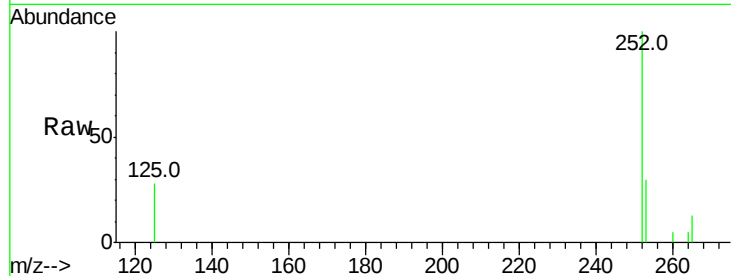
Tot Ion:252 Resp: 10406

Ion Ratio Lower Upper

252 100

253 30.4 28.5 42.7

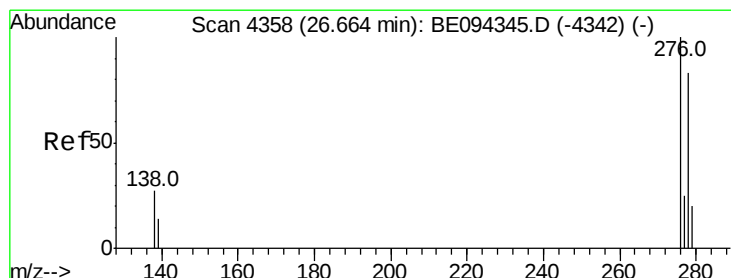
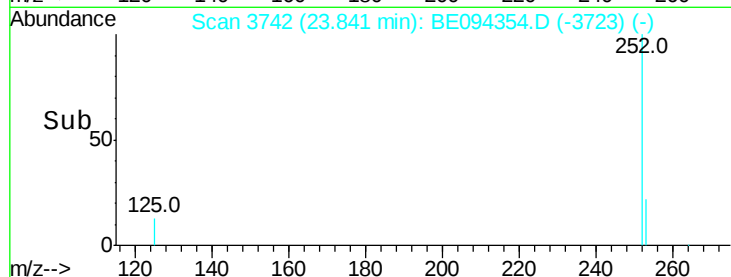
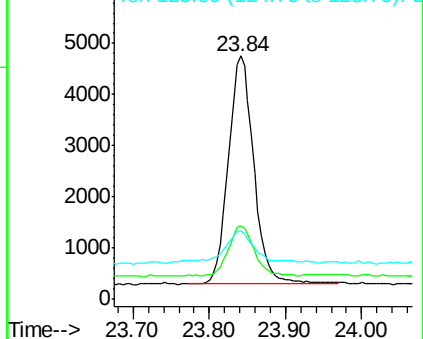
125 27.9 18.1 27.1#



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: 0.445 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

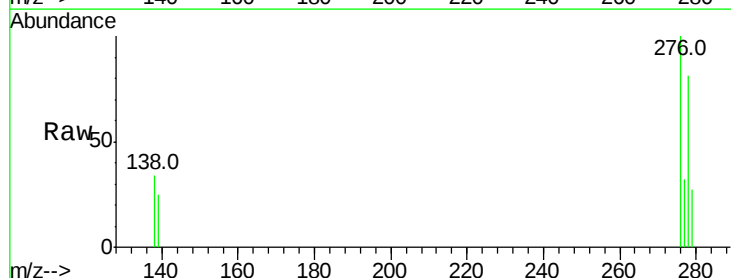
Tgt Ion:276 Resp: 11494

Ion Ratio Lower Upper

276 100

138 26.5 28.0 42.0#

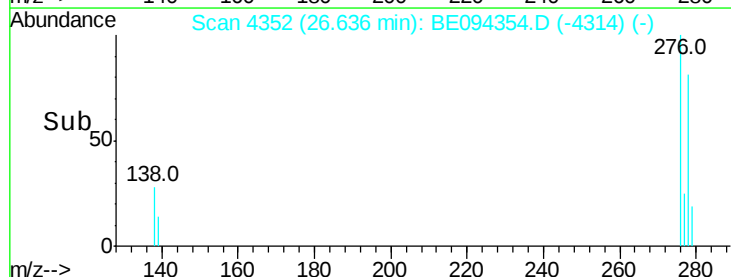
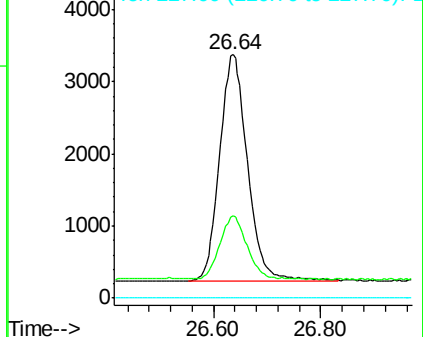
227 0.0 8.0 12.0#

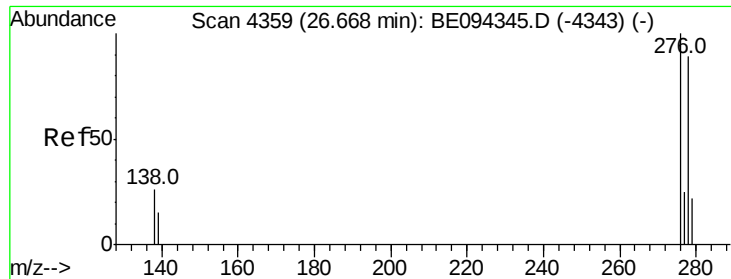


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.440 ng/ul

RT: 26.64 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

Instrument :

BNA_E

ClientSampleId :

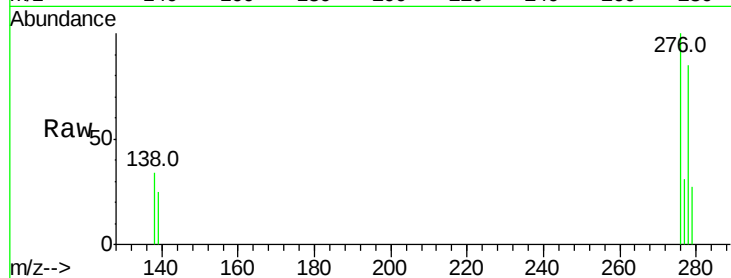
Tot Ion:278 Resp: 9528

Ion Ratio Lower Upper

278 100

139 29.9 17.4 26.0#

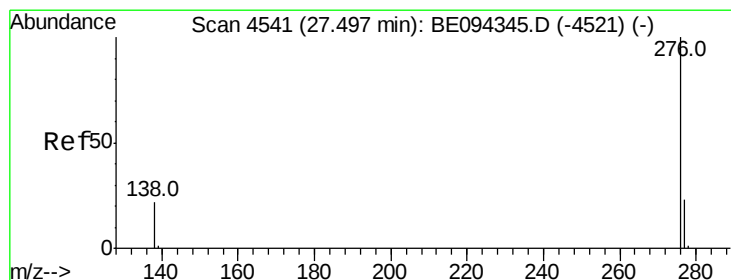
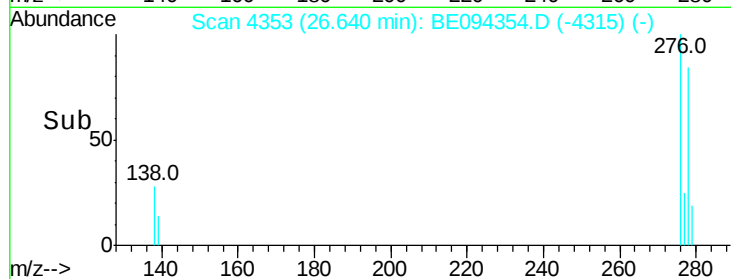
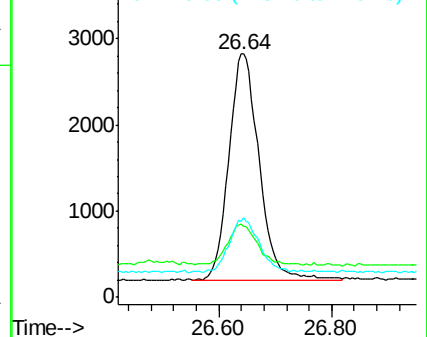
279 31.4 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.429 ng/ul

RT: 27.47 min Scan# 4535

Delta R.T. -0.03 min

Lab File: BE094354.D

Acq: 14 Oct 2017 14:24

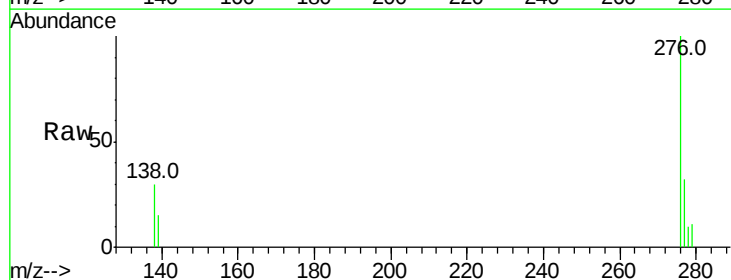
Tgt Ion:276 Resp: 9554

Ion Ratio Lower Upper

276 100

138 30.5 21.8 32.8

277 31.6 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

