

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094344.D
 Acq On : 14 Oct 2017 3:57
 Operator : SJ/JU
 Sample : I5649-10 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 05:16:52 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 03:57:24 2017
 Response via : Initial Calibration

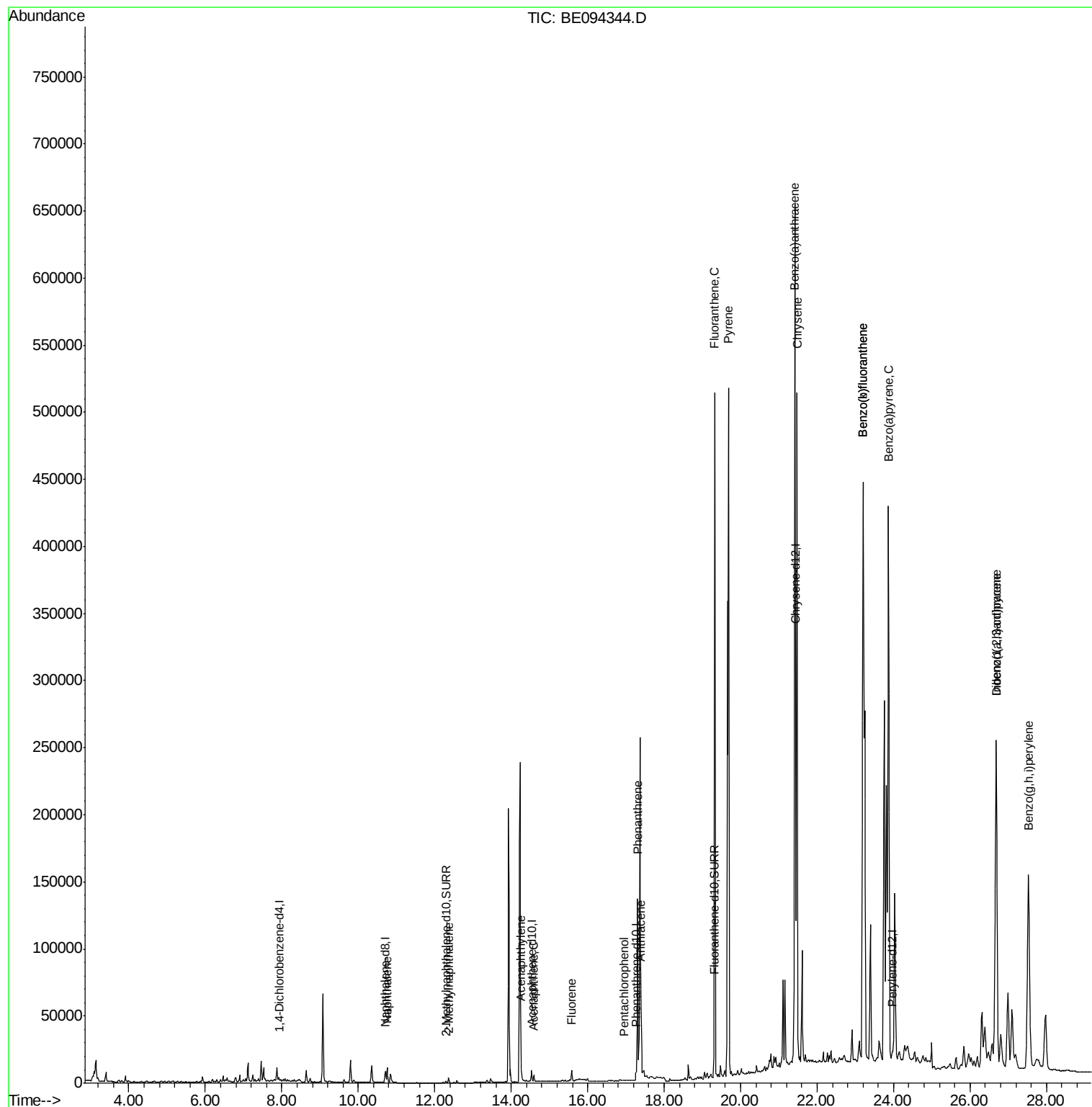
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4963	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10152	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9785	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	10395	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1940	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	4164	0.12	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	17074	0.780	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	3045	0.214	ng/ul	97
7) Acenaphthylene	14.26	152	19187	0.992	ng/ul	97
8) Acenaphthene	14.60	153	3149	0.198	ng/ul	93
9) Fluorene	15.58	166	5772	0.309	ng/ul	92
11) Pentachlorophenol	16.96	266	51	0.043	ng/ul#	41
12) Phenanthrene	17.31	178	152389	5.744	ng/ul#	91
13) Anthracene	17.40	178	71415	2.768	ng/ul#	91
15) Fluoranthene	19.33	202	580621	16.657	ng/ul	84
17) Pyrene	19.69	202	554147	20.354	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	612361	23.590	ng/ul#	87
19) Chrysene	21.48	228	512642	17.101	ng/ul	99
21) Benzo(b)fluoranthene	23.20	252	1139678	40.360	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	1139678	34.917	ng/ul#	88
23) Benzo(a)pyrene	23.87	252	671130	22.872	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.69	276	454807	15.152	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.68	278	118936	4.724	ng/ul	96
26) Benzo(g,h,i)perylene	27.53	276	373019	14.407	ng/ul	97

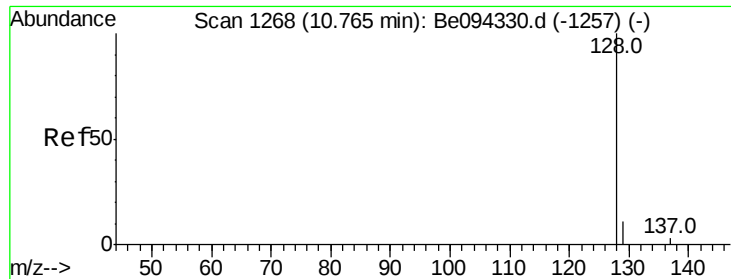
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094344.D
Acq On : 14 Oct 2017 3:57
Operator : SJ/JU
Sample : I5649-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 14 05:16:52 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 03:57:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.780 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

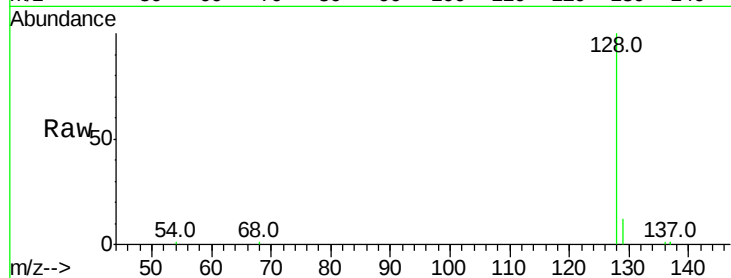
Tot Ion:128 Resp: 17074

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

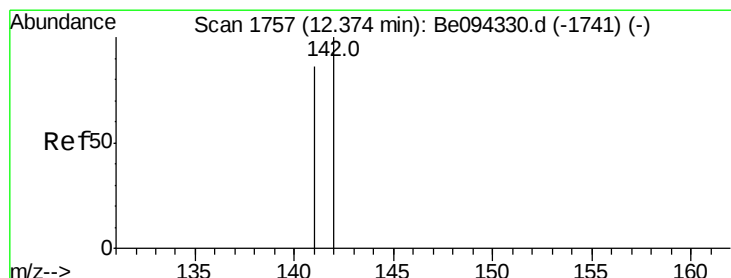
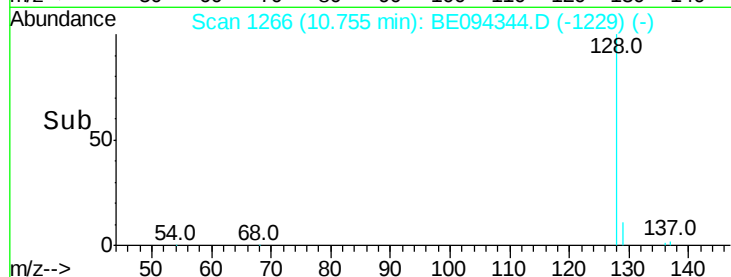
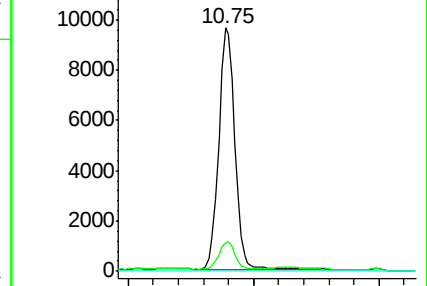
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.214 ng/ul

RT: 12.36 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BE094344.D

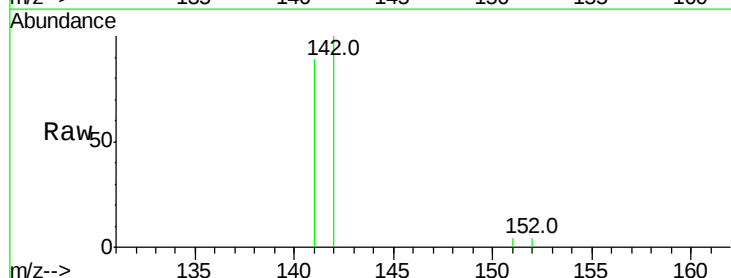
Acq: 14 Oct 2017 3:57

Tgt Ion:142 Resp: 3045

Ion Ratio Lower Upper

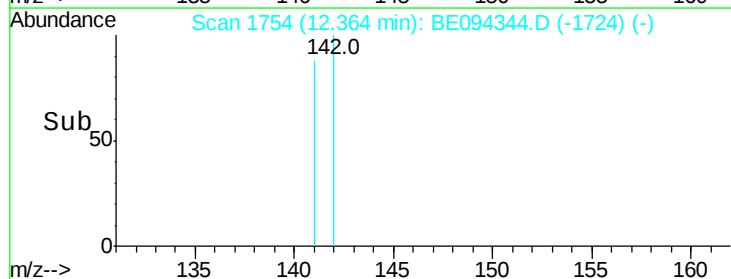
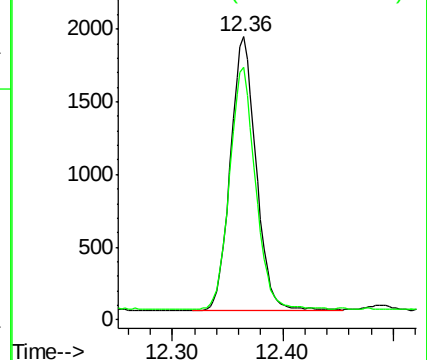
142 100

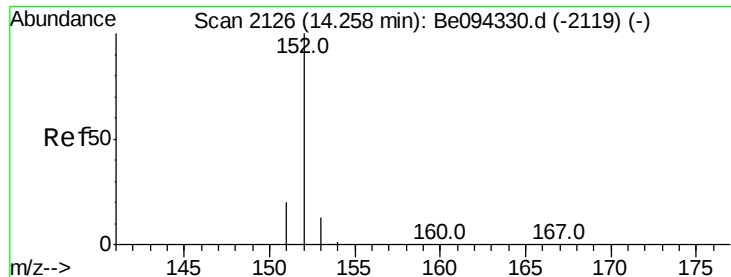
141 88.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.992 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

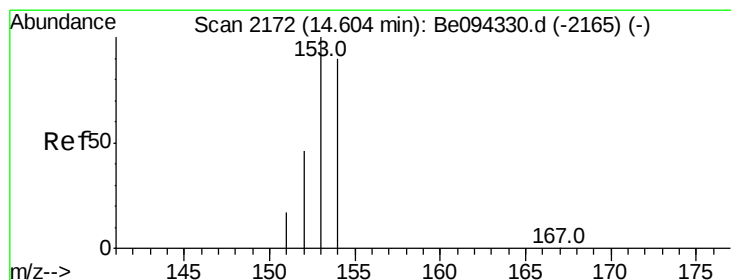
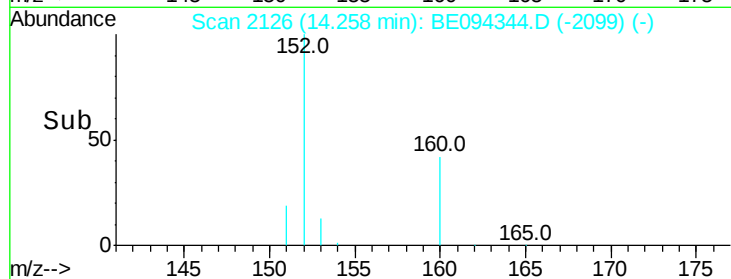
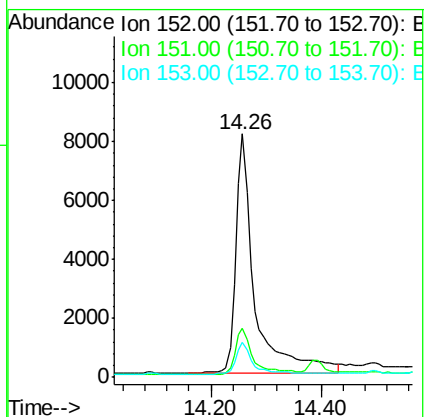
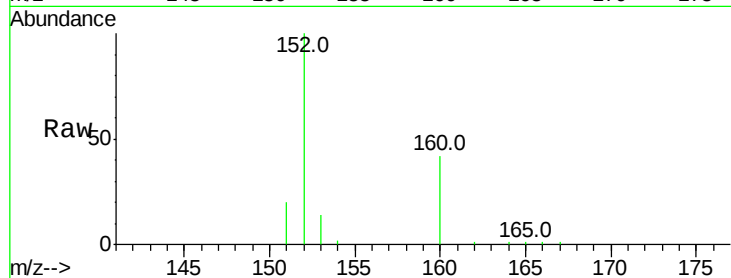
Tot Ion:152 Resp: 19187

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

153 14.4 12.8 19.2



#8

Acenaphthene

Concen: 0.198 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

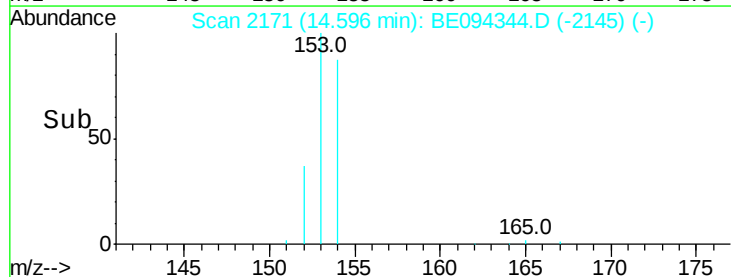
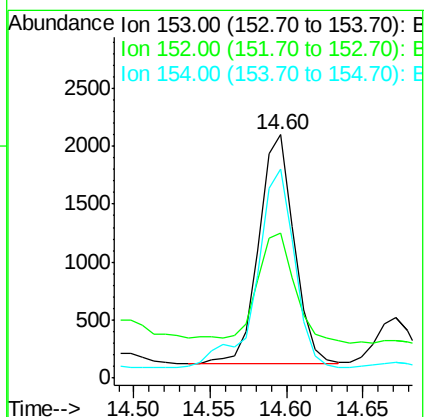
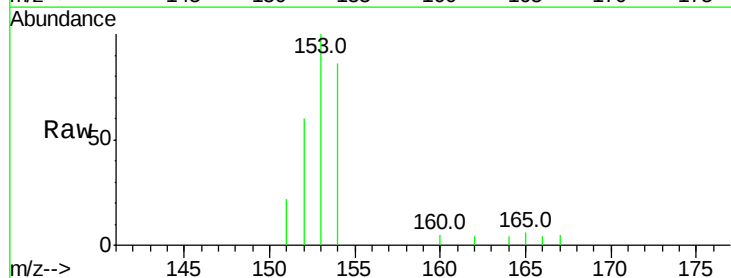
Tgt Ion:153 Resp: 3149

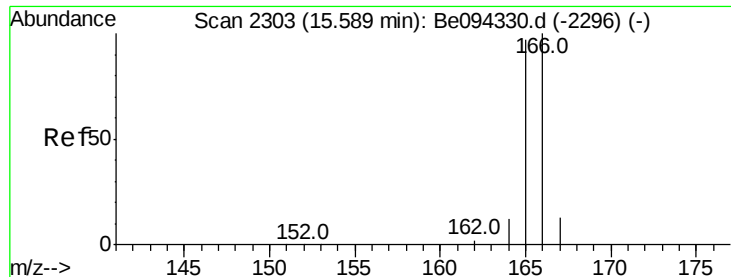
Ion Ratio Lower Upper

153 100

152 59.8 40.3 60.5

154 86.0 71.4 107.2





#9

Fluorene

Concen: 0.309 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

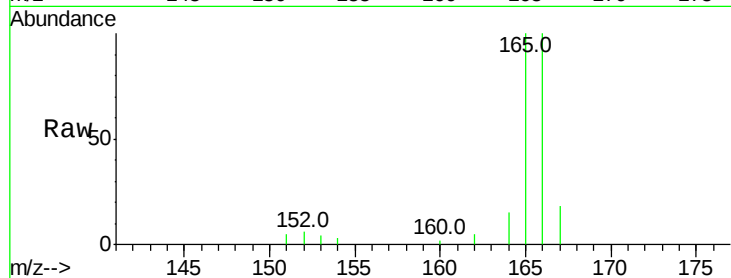
Tot Ion:166 Resp: 5772

Ion Ratio Lower Upper

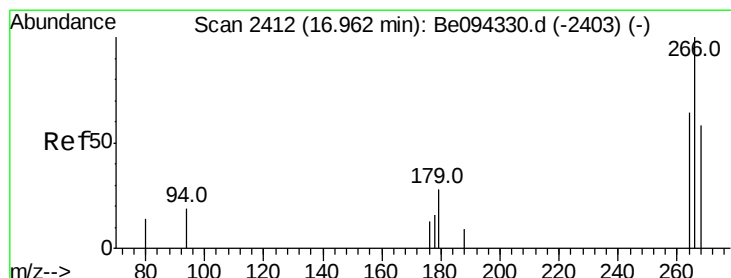
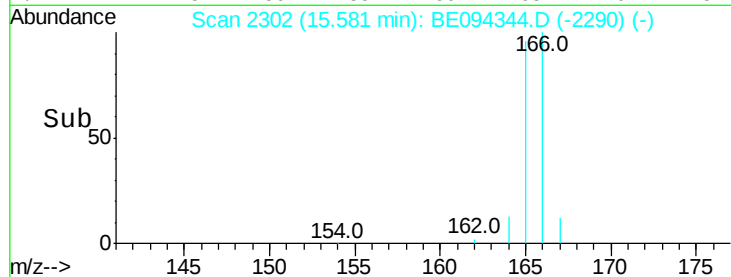
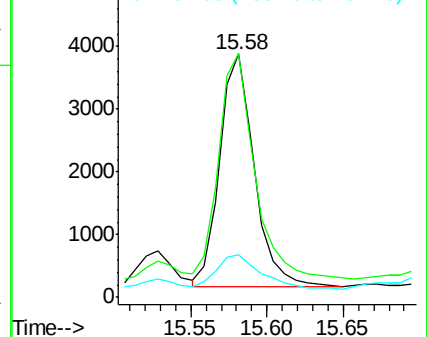
166 100

165 100.1 73.4 110.2

167 17.6 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: 0.043 ng/ul

RT: 16.96 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

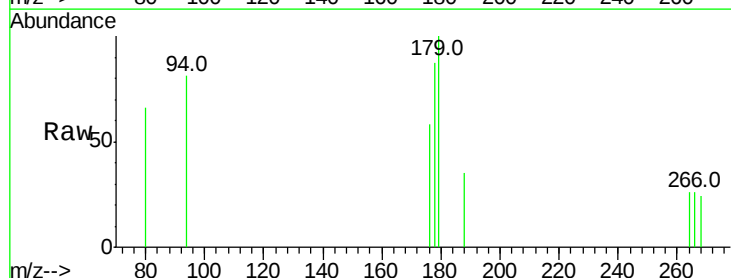
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

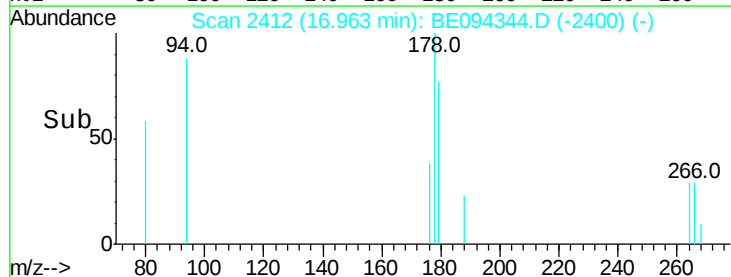
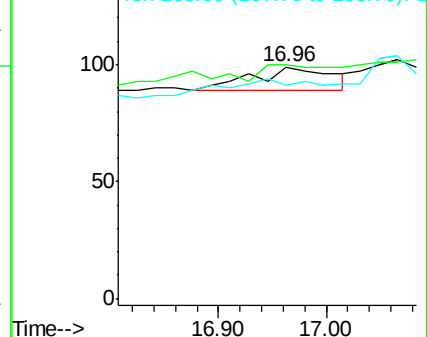
266 100

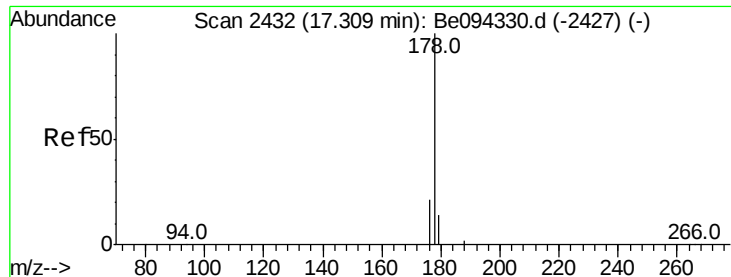
264 0.0 47.9 71.9#

268 92.2 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: 5.744 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

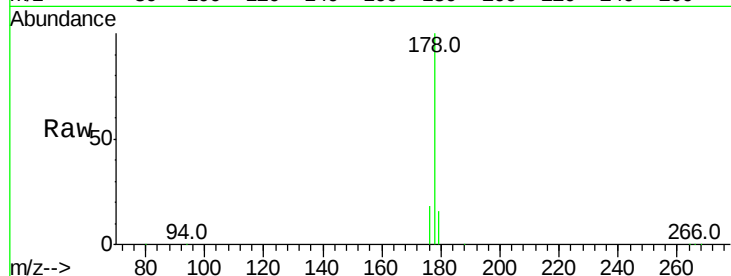
Tot Ion:178 Resp: 152389

Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

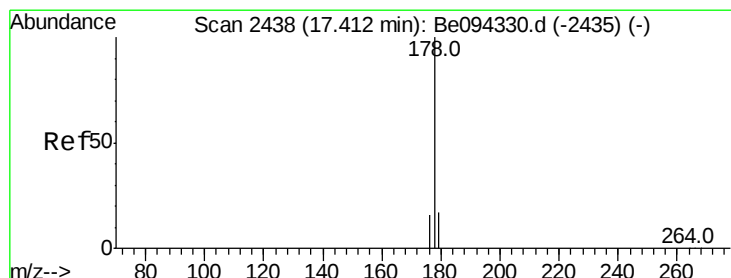
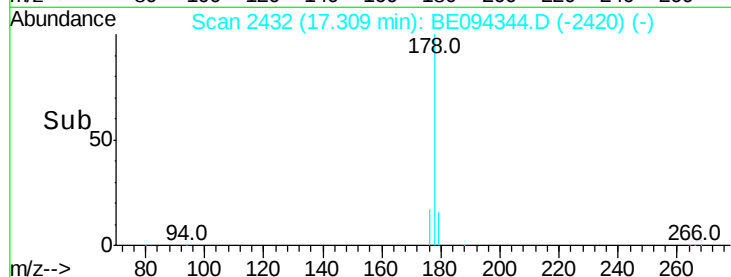
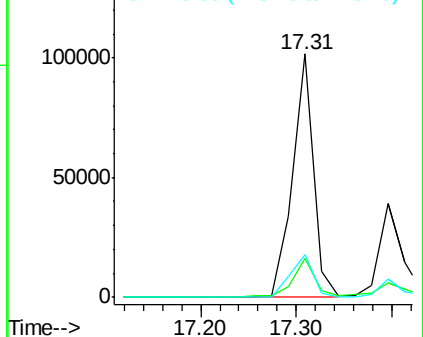
176 17.7 13.6 20.4



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: 2.768 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

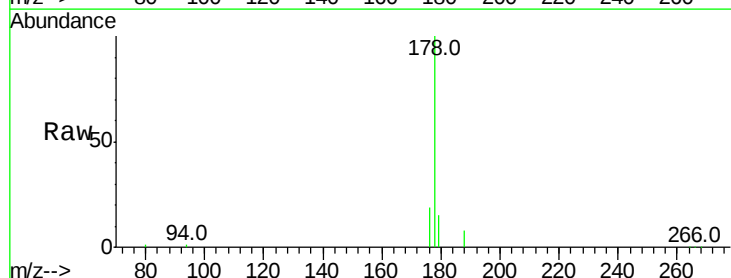
Tgt Ion:178 Resp: 71415

Ion Ratio Lower Upper

178 100

179 15.5 18.1 27.1#

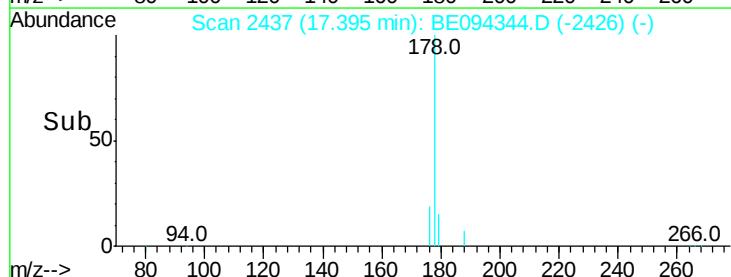
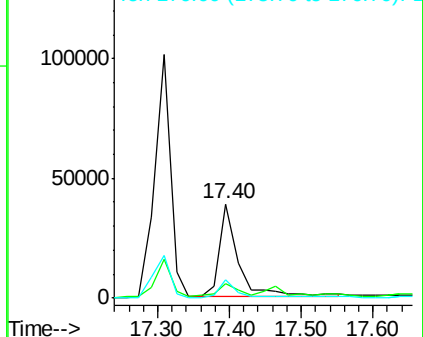
176 19.3 14.7 22.1

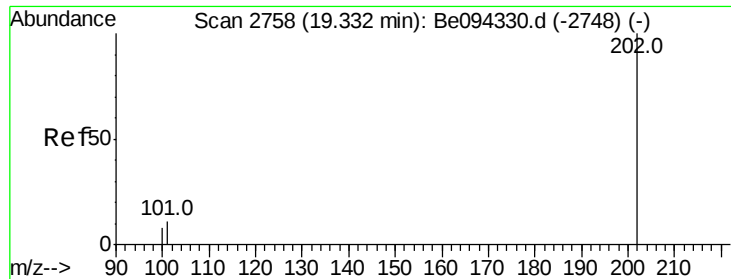


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 16.657 ng/ul

RT: 19.33 min Scan# 2757

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

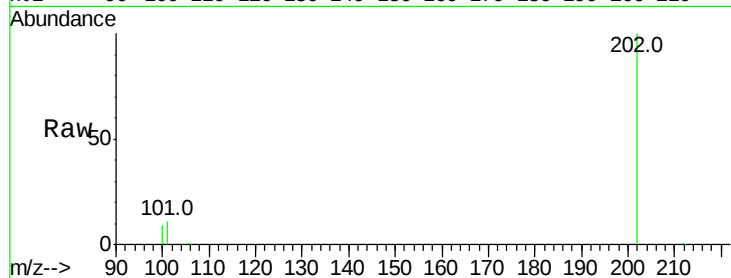
Tot Ion:202 Resp: 580621

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

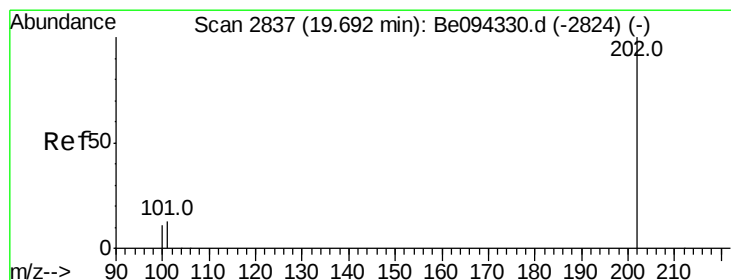
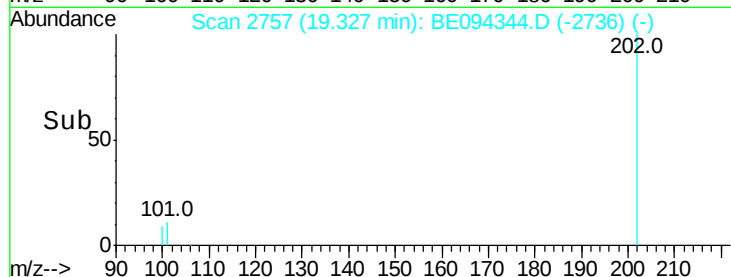
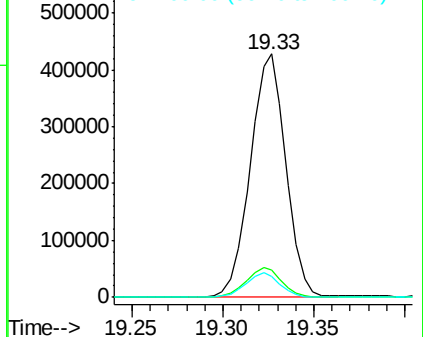
100 8.8 0.0 39.5



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: 20.354 ng/ul

RT: 19.69 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

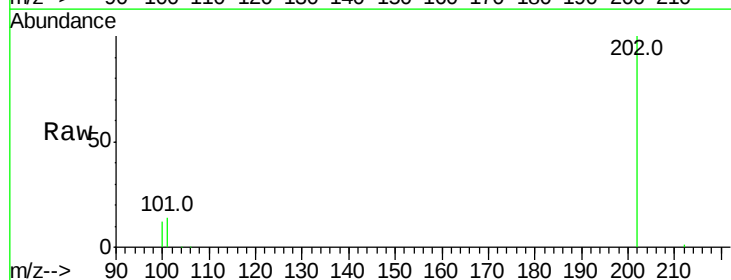
Tgt Ion:202 Resp: 554147

Ion Ratio Lower Upper

202 100

101 13.9 18.2 27.4#

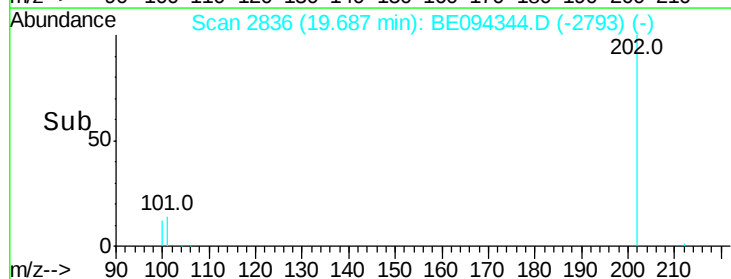
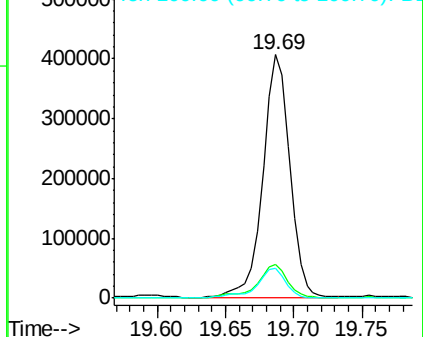
100 12.0 15.6 23.4#

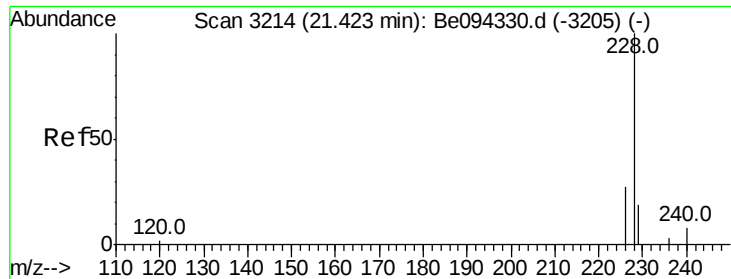


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 23.590 ng/ul

RT: 21.42 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampled :

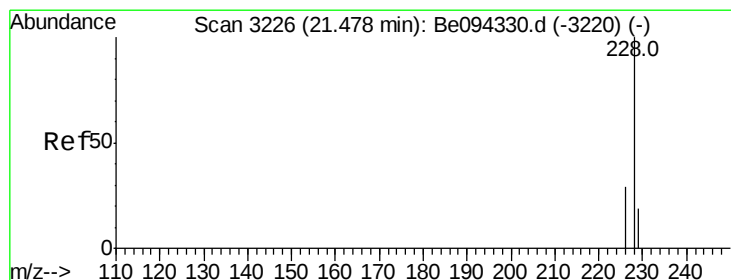
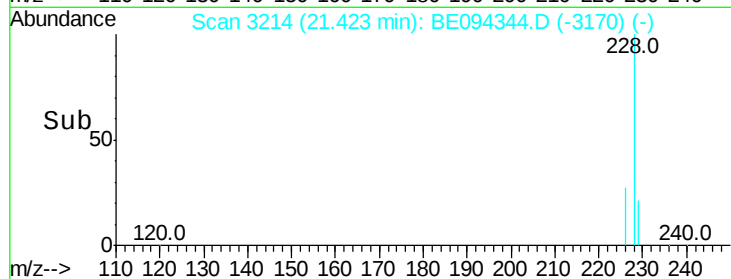
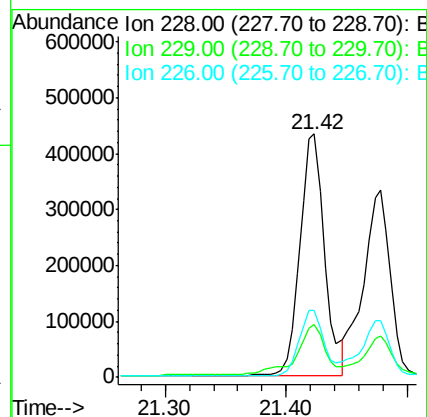
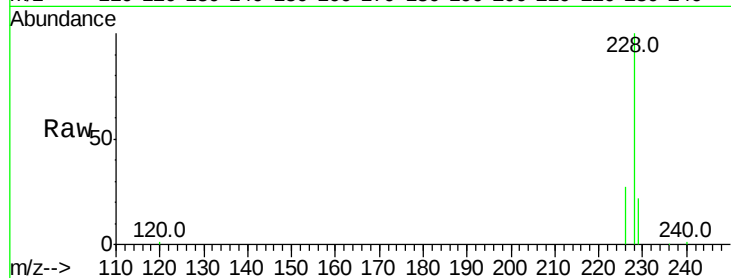
Tot Ion:228 Resp: 612361

Ion Ratio Lower Upper

228 100

229 21.6 22.8 34.2#

226 27.4 17.0 25.6#



#19

Chrysene

Concen: 17.101 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

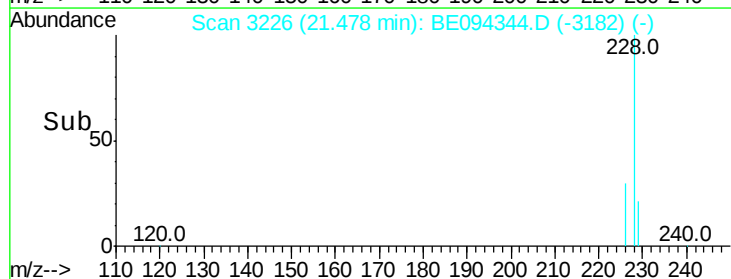
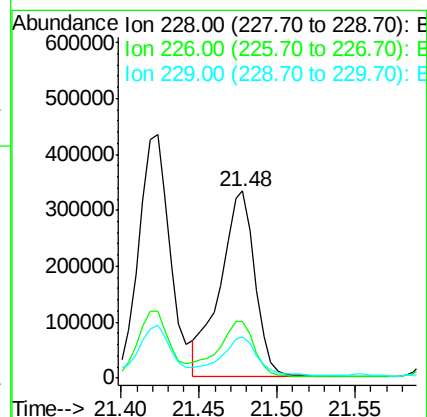
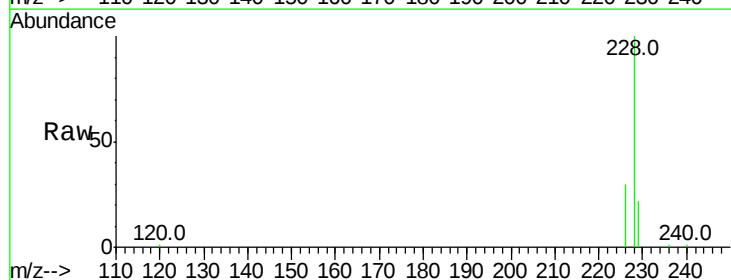
Tgt Ion:228 Resp: 512642

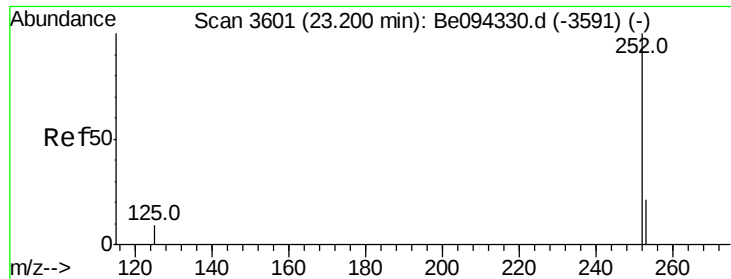
Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

229 21.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 40.360 ng/ul

RT: 23.20 min Scan# 3602

Delta R.T. 0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

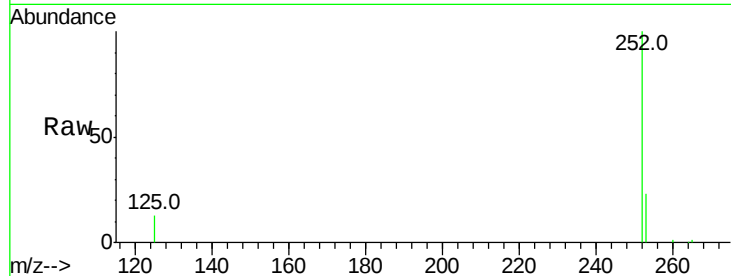
Tot Ion:252 Resp: 1139678

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

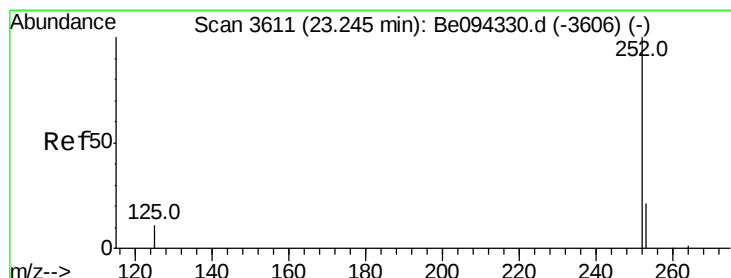
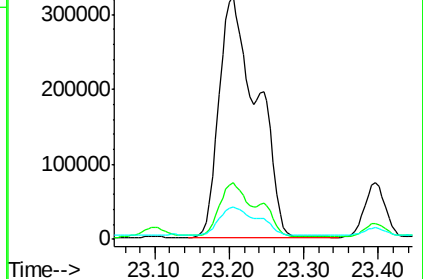
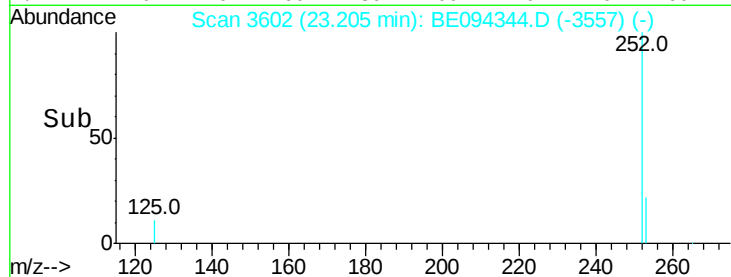
125 13.1 0.0 35.0



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: 34.917 ng/ul

RT: 23.20 min Scan# 3602

Delta R.T. -0.04 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

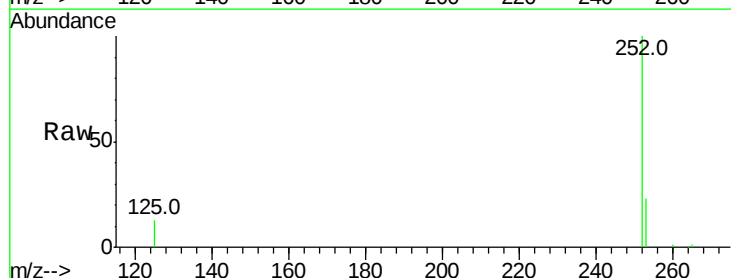
Tgt Ion:252 Resp: 1139678

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

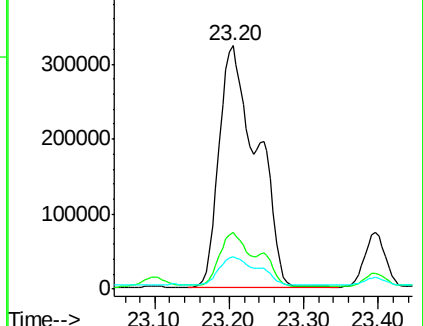
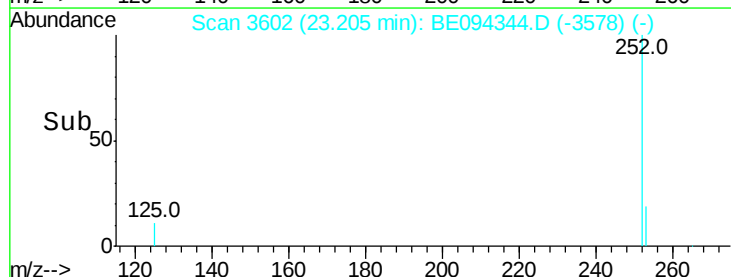
125 13.1 13.7 20.5#

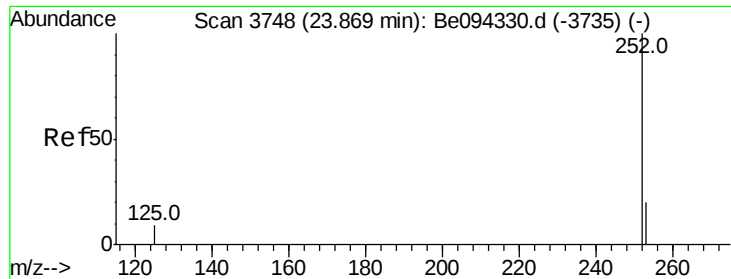


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 22.872 ng/ul

RT: 23.87 min Scan# 3748

Delta R.T. 0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

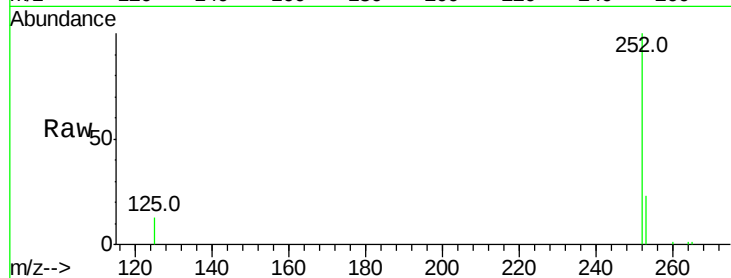
Tot Ion:252 Resp: 671130

Ion Ratio Lower Upper

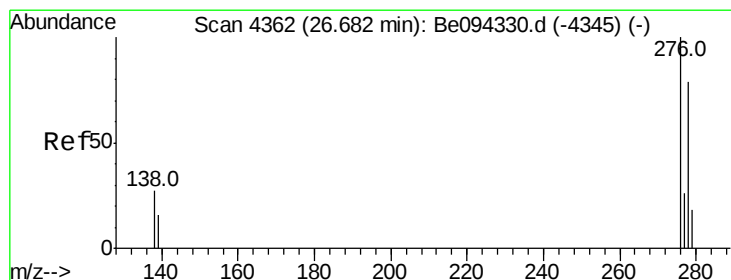
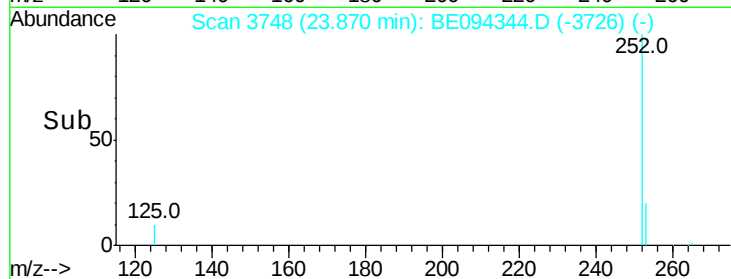
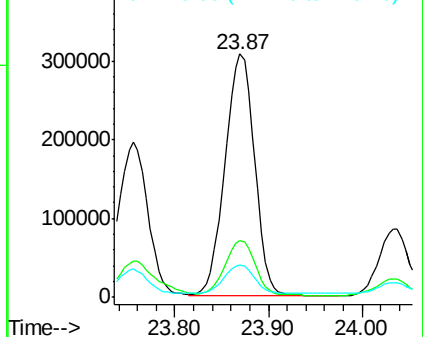
252 100

253 23.4 28.5 42.7#

125 13.3 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: 15.152 ng/ul

RT: 26.69 min Scan# 4364

Delta R.T. 0.01 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

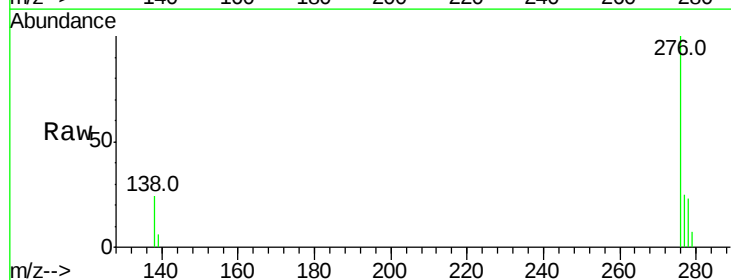
Tgt Ion:276 Resp: 454807

Ion Ratio Lower Upper

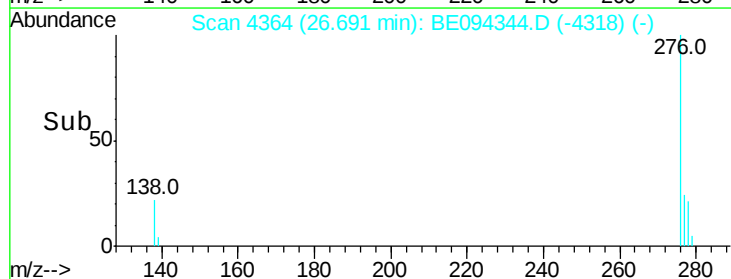
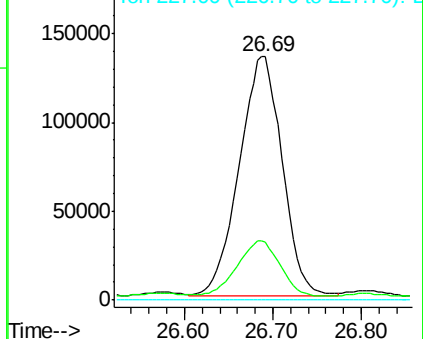
276 100

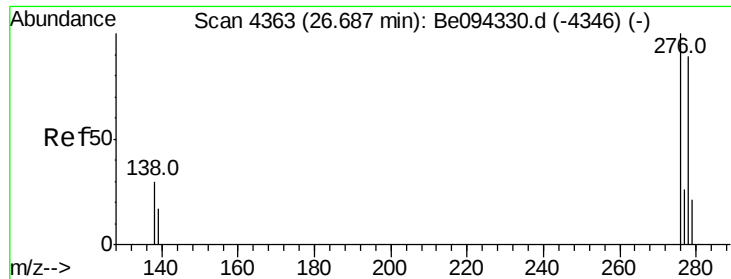
138 22.8 28.0 42.0#

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: 4.724 ng/ul

RT: 26.68 min Scan# 4362

Delta R.T. -0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

Instrument :

BNA_E

ClientSampleId :

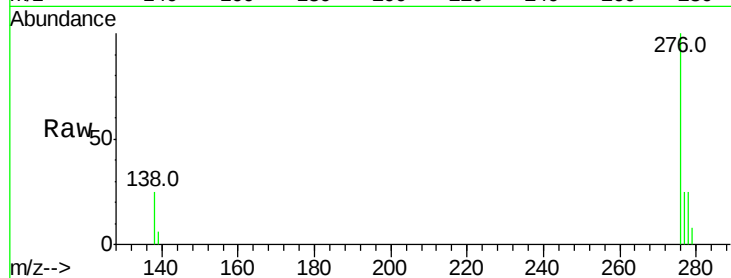
Tot Ion:278 Resp: 118936

Ion Ratio Lower Upper

278 100

139 24.0 17.4 26.0

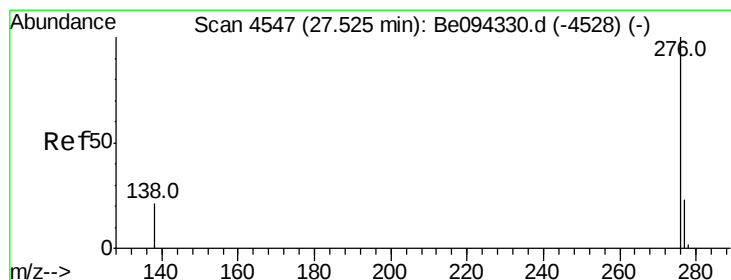
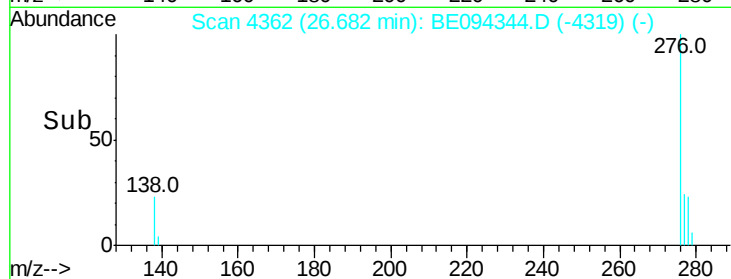
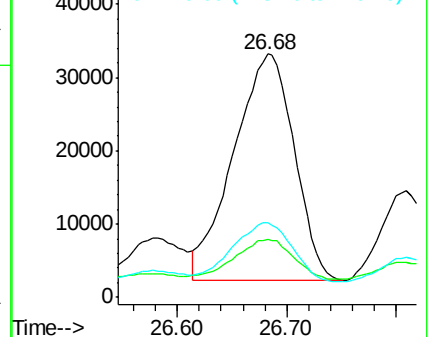
279 30.6 25.9 38.9



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: 14.407 ng/ul

RT: 27.53 min Scan# 4548

Delta R.T. 0.00 min

Lab File: BE094344.D

Acq: 14 Oct 2017 3:57

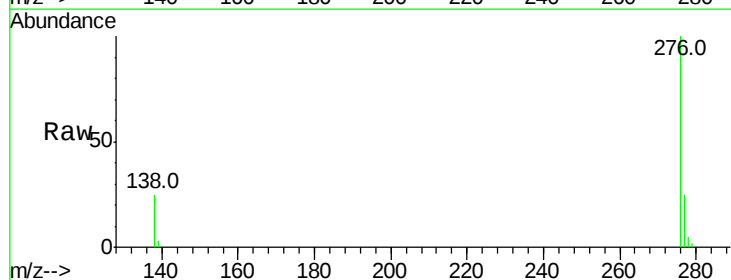
Tgt Ion:276 Resp: 373019

Ion Ratio Lower Upper

276 100

138 24.7 21.8 32.8

277 25.3 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

