

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094275.D
 Acq On : 11 Oct 2017 5:54
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 08:28:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 08:24:24 2017
 Response via : Initial Calibration

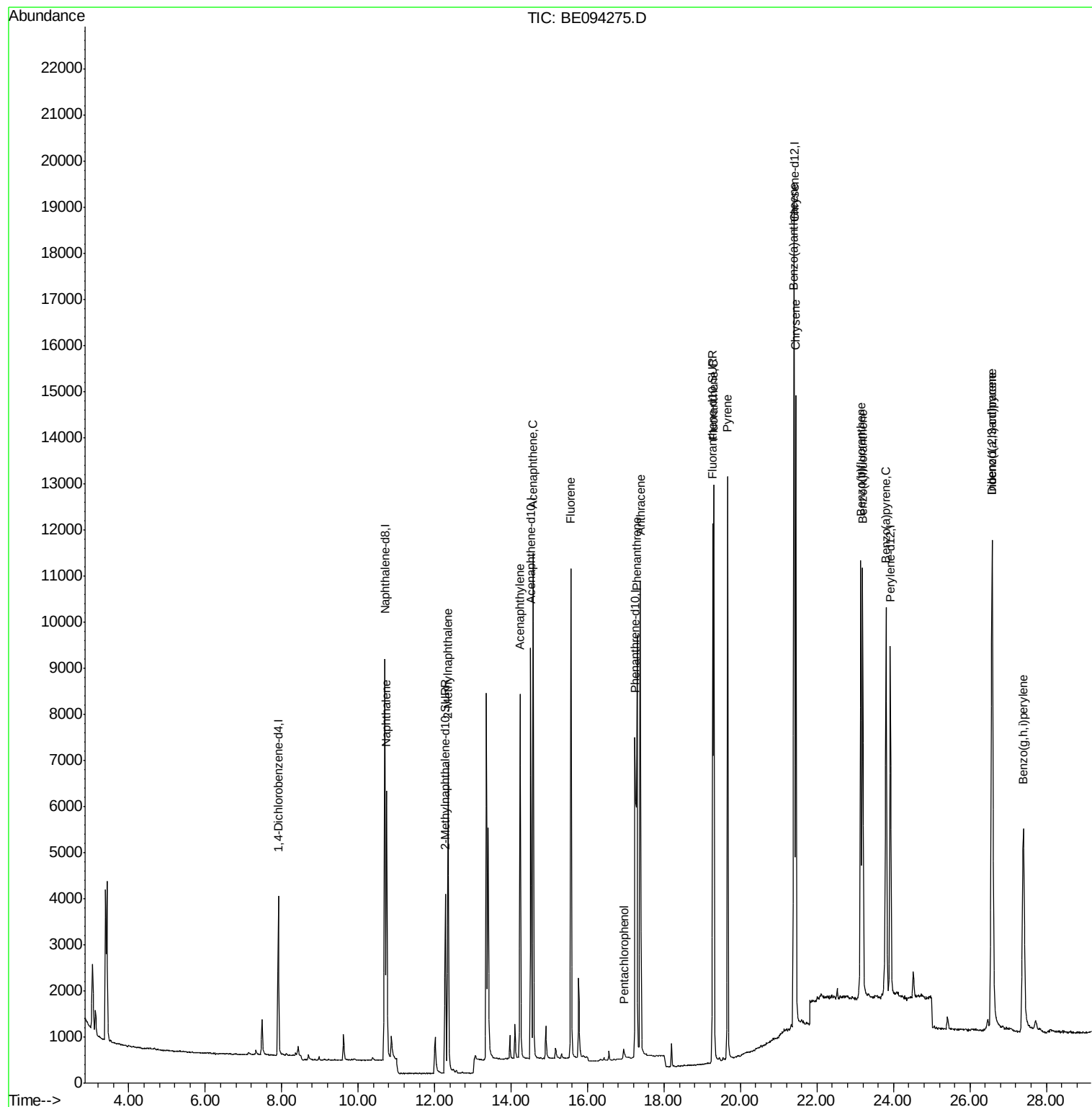
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1938	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9886	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5298	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11484	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11928	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11620	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6151	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	13963	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	9468	0.391	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	6475	0.412	ng/ul	99
7) Acenaphthylene	14.24	152	9669	0.468	ng/ul	97
8) Acenaphthene	14.57	153	6735	0.396	ng/ul	97
9) Fluorene	15.56	166	7561	0.380	ng/ul#	89
11) Pentachlorophenol	16.95	266	375	0.278	ng/ul	96
12) Phenanthrene	17.29	178	12029	0.401	ng/ul#	93
13) Anthracene	17.38	178	12185	0.417	ng/ul#	92
15) Fluoranthene	19.30	202	14151	0.359	ng/ul	84
17) Pyrene	19.66	202	14946	0.450	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	14371	0.454	ng/ul#	86
19) Chrysene	21.45	228	13772	0.377	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	13811	0.438	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	13355	0.366	ng/ul	94
23) Benzo(a)pyrene	23.81	252	13259	0.404	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.58	276	14430	0.430	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.59	278	12106	0.430	ng/ul	94
26) Benzo(g,h,i)perylene	27.39	276	11762	0.406	ng/ul	94

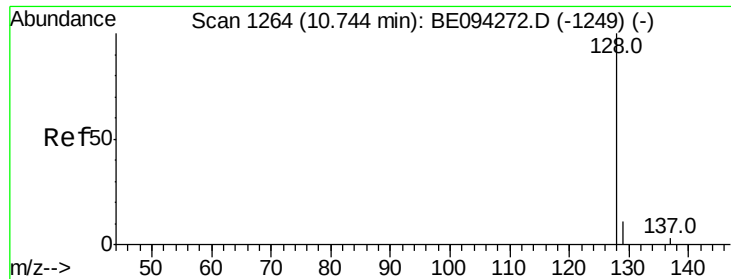
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.391 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

Instrument :

BNA_E

ClientSampleId :

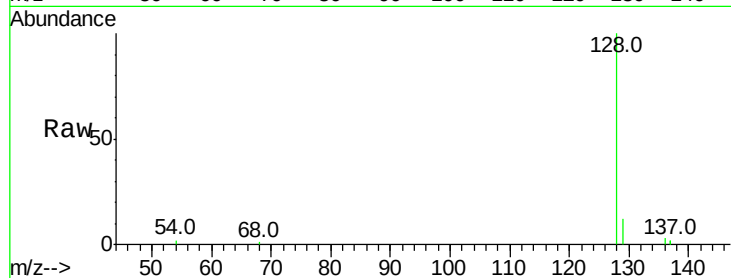
Tot Ion:128 Resp: 9468

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

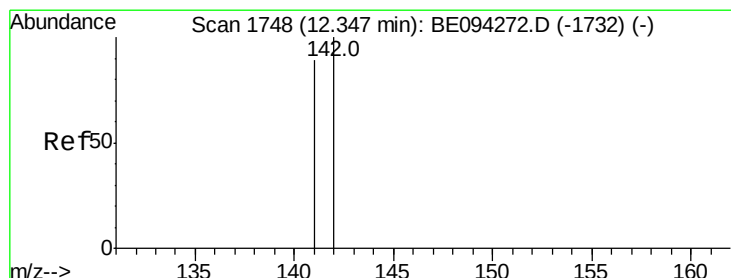
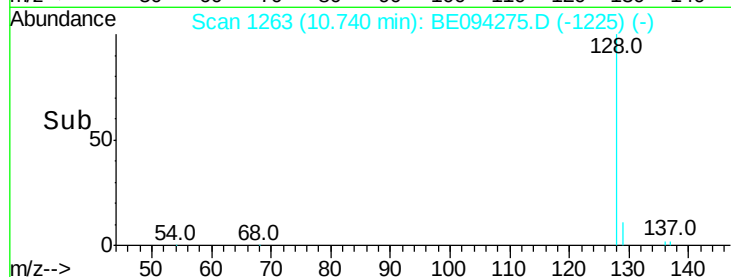
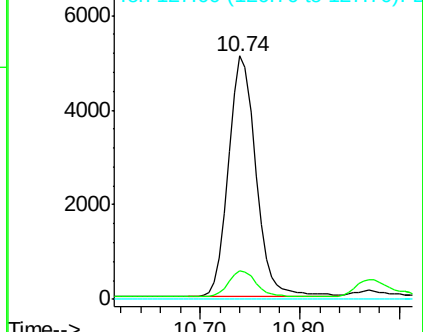
127 0.0 4.0 6.0#



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: 0.412 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BE094275.D

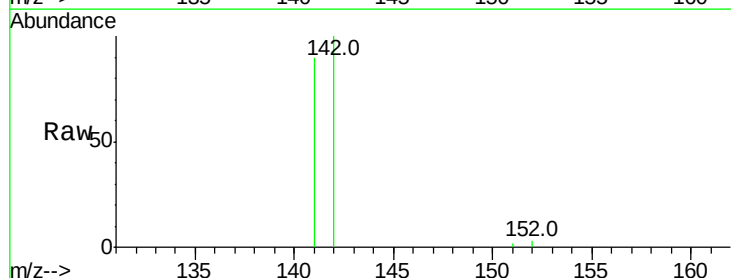
Acq: 11 Oct 2017 5:54

Tgt Ion:142 Resp: 6475

Ion Ratio Lower Upper

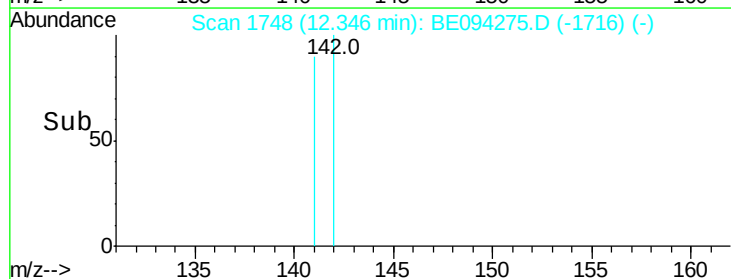
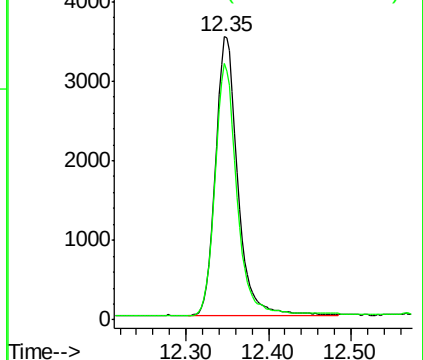
142 100

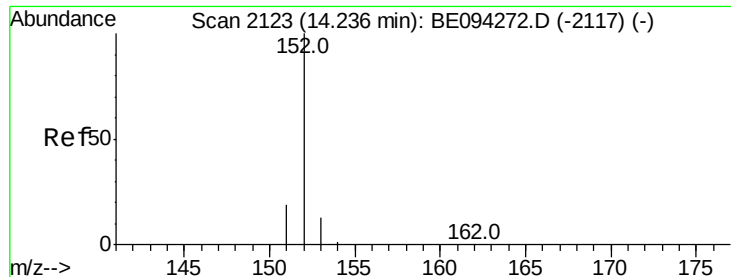
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.468 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

Instrument :

BNA_E

ClientSampleId :

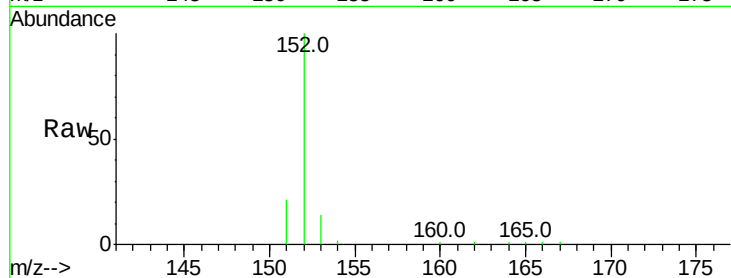
Tot Ion:152 Resp: 9669

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

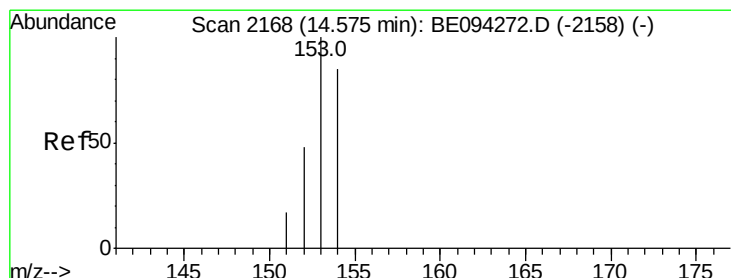
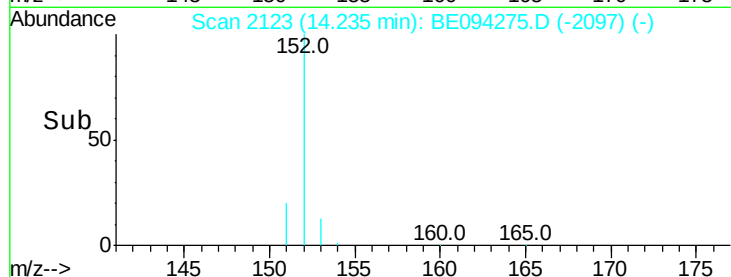
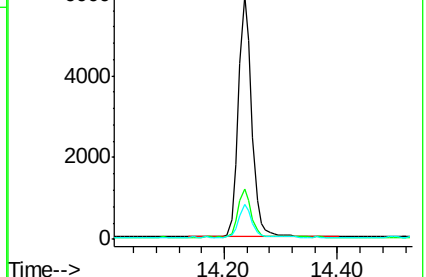
153 14.1 12.8 19.2



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: 0.396 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

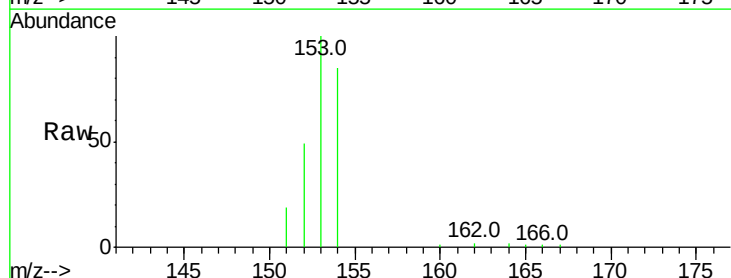
Tgt Ion:153 Resp: 6735

Ion Ratio Lower Upper

153 100

152 48.9 40.3 60.5

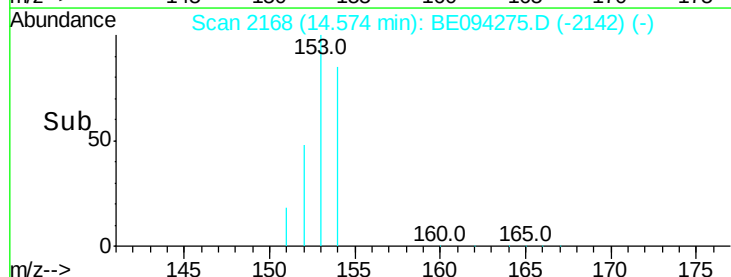
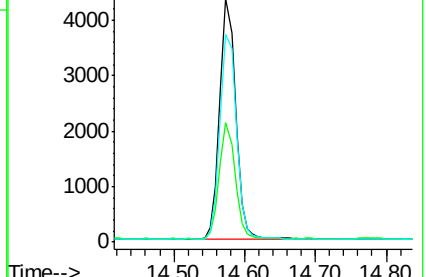
154 85.3 71.4 107.2

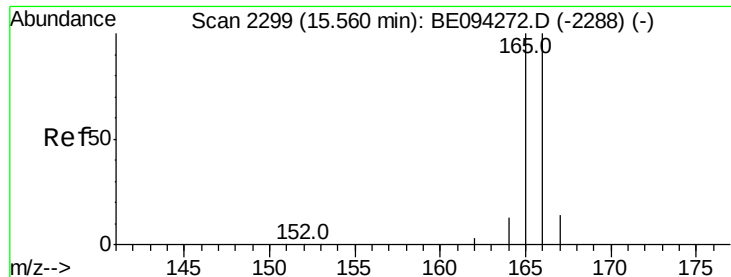


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

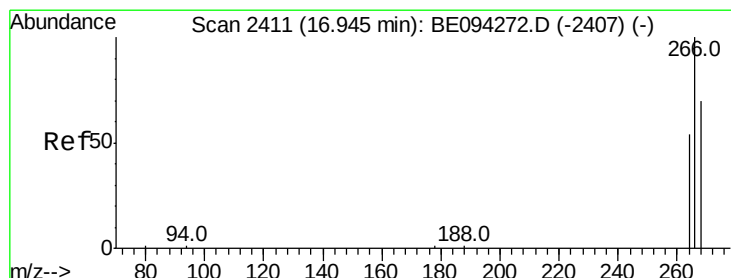
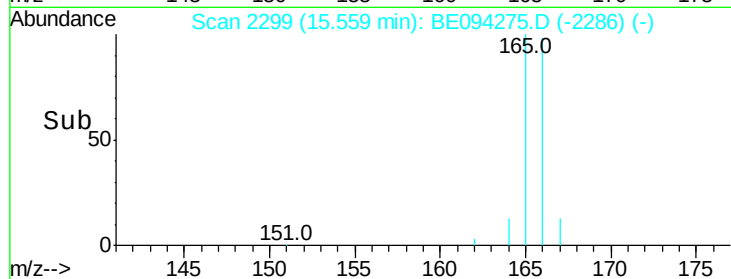
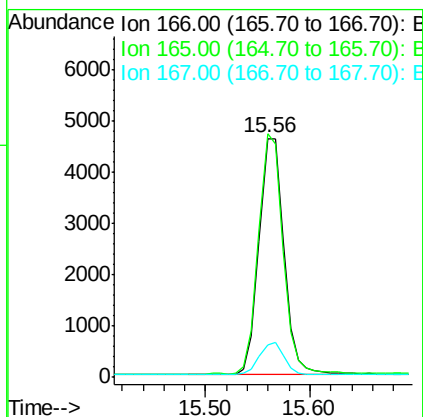
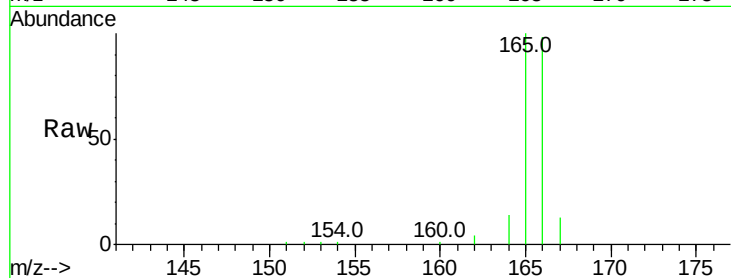




#9
Fluorene
 Concen: 0.380 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BE094275.D
 Acq: 11 Oct 2017 5:54

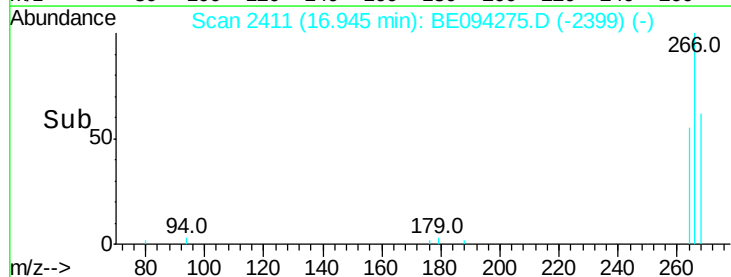
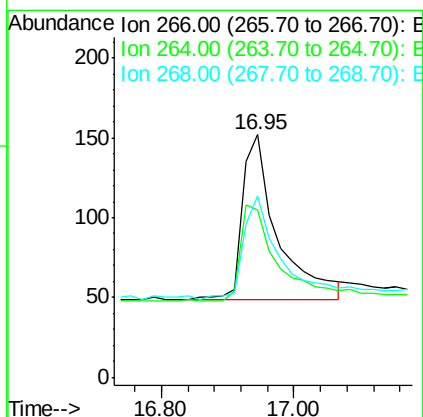
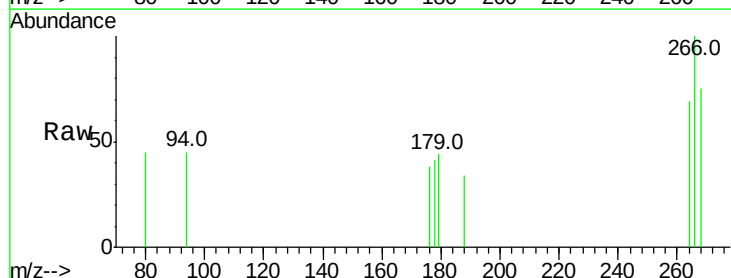
Instrument :
 BNA_E
 ClientSampleId :

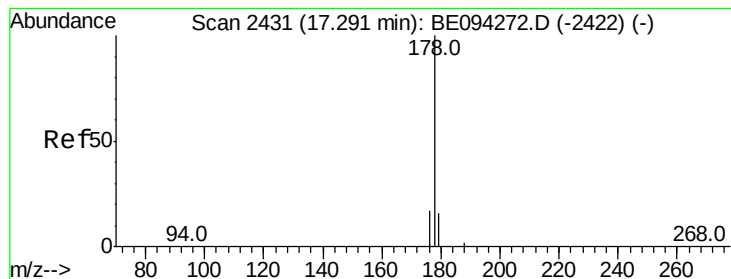
Tot Ion:166 Resp: 7561
 Ion Ratio Lower Upper
 166 100
 165 101.9 73.4 110.2
 167 13.8 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.278 ng/ul
 RT: 16.95 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BE094275.D
 Acq: 11 Oct 2017 5:54

Tgt Ion:266 Resp: 375
 Ion Ratio Lower Upper
 266 100
 264 62.1 47.9 71.9
 268 65.6 49.8 74.8





#12

Phenanthrene

Concen: 0.401 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

Instrument :

BNA_E

ClientSampleId :

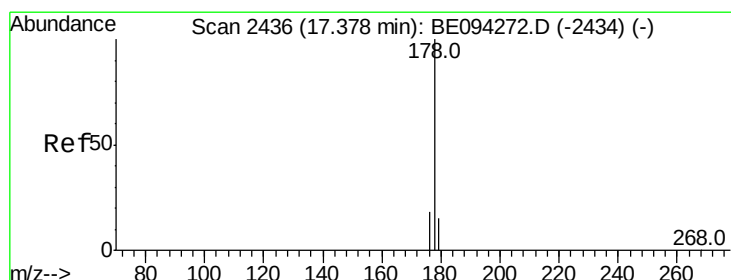
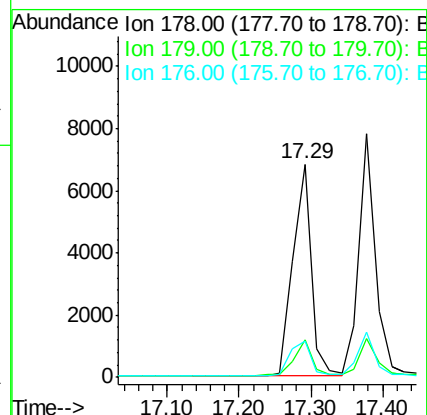
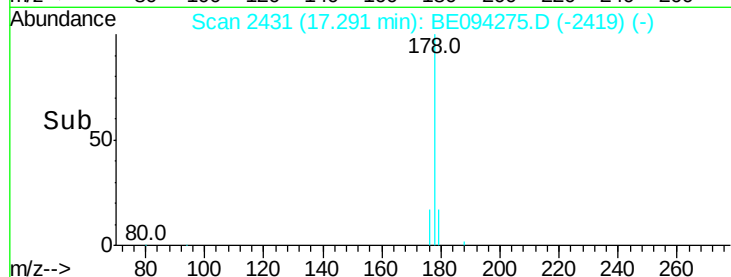
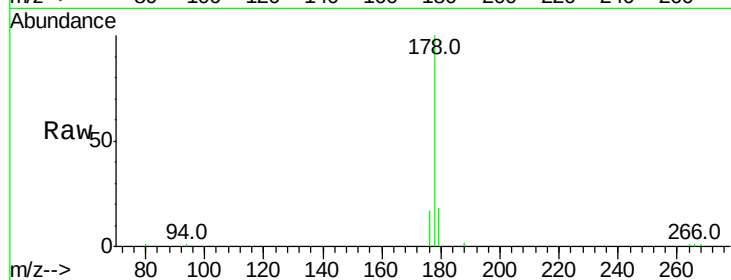
Tot Ion:178 Resp: 12029

Ion Ratio Lower Upper

178 100

179 17.5 18.4 27.6#

176 17.2 13.6 20.4



#13

Anthracene

Concen: 0.417 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

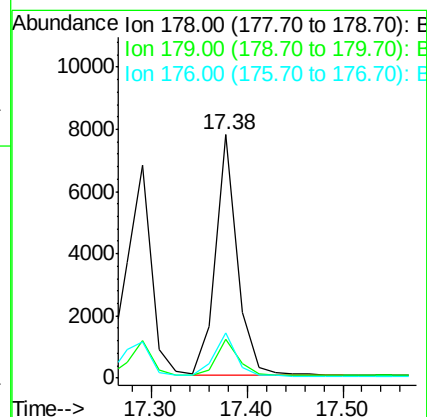
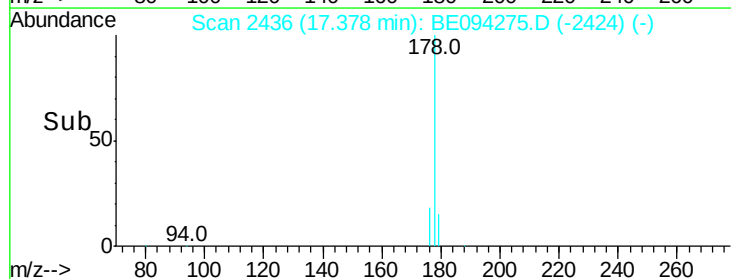
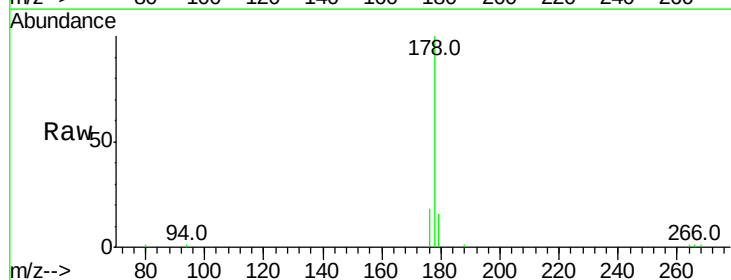
Tgt Ion:178 Resp: 12185

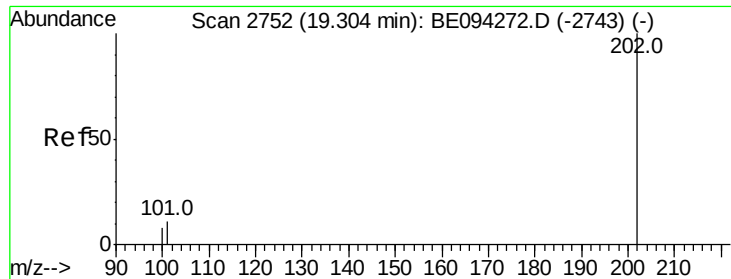
Ion Ratio Lower Upper

178 100

179 15.9 18.1 27.1#

176 18.4 14.7 22.1

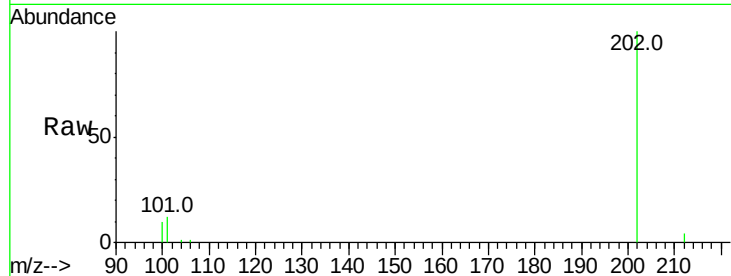




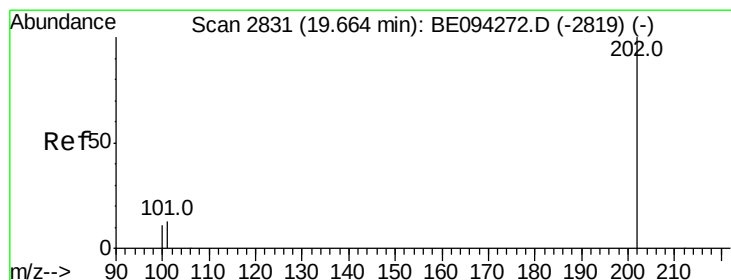
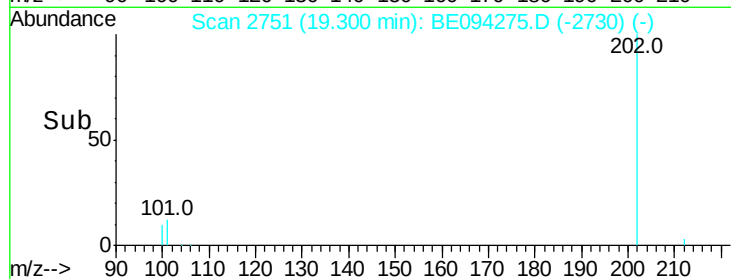
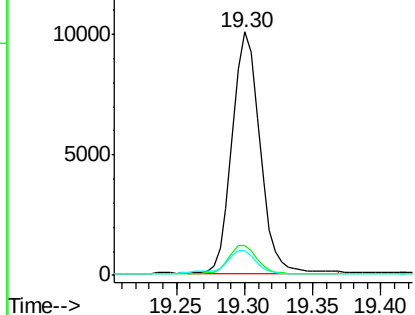
#15
Fluoranthene
 Concen: 0.359 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE094275.D
 Acq: 11 Oct 2017 5:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	10.0	0.0	39.5

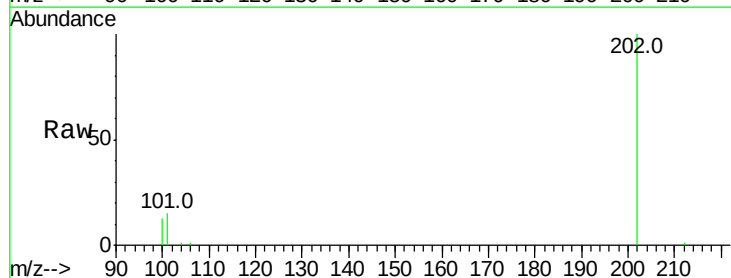


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BE

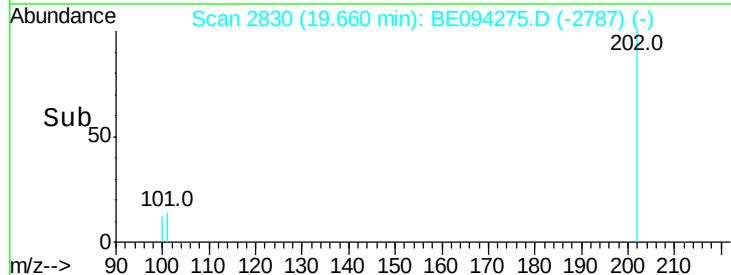
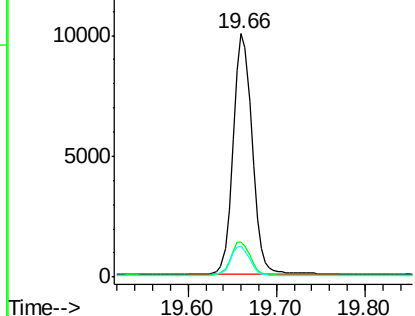


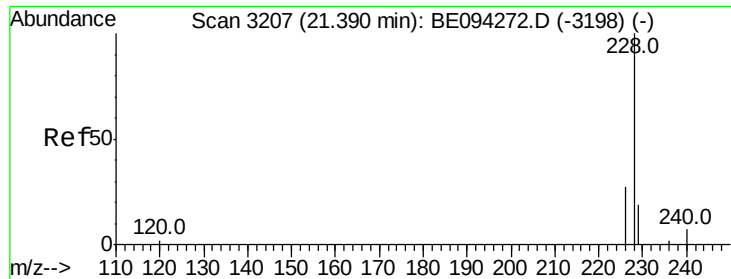
#17
Pyrene
 Concen: 0.450 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE094275.D
 Acq: 11 Oct 2017 5:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	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: 0.454 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

Instrument :

BNA_E

ClientSampleId :

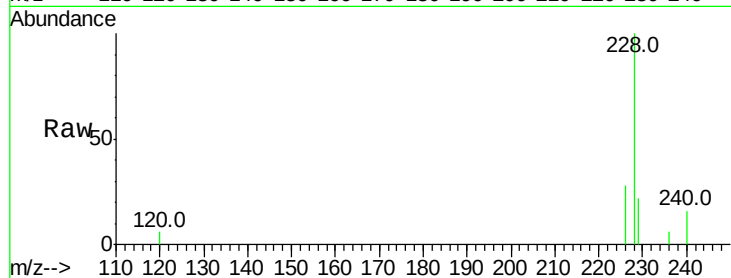
Tot Ion:228 Resp: 14371

Ion Ratio Lower Upper

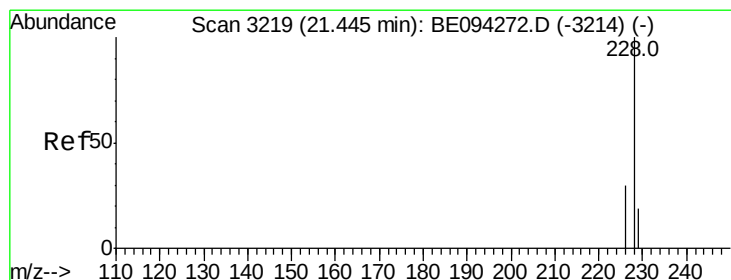
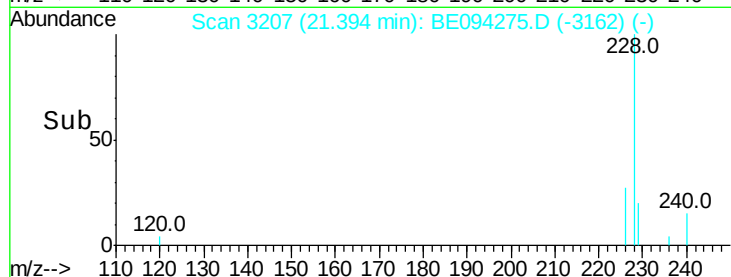
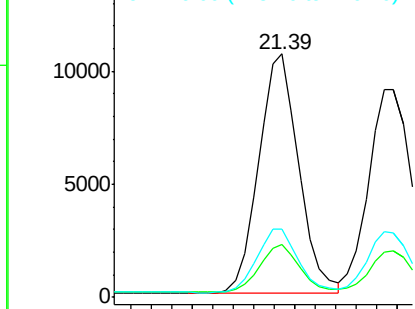
228 100

229 21.7 22.8 34.2#

226 28.1 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.377 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

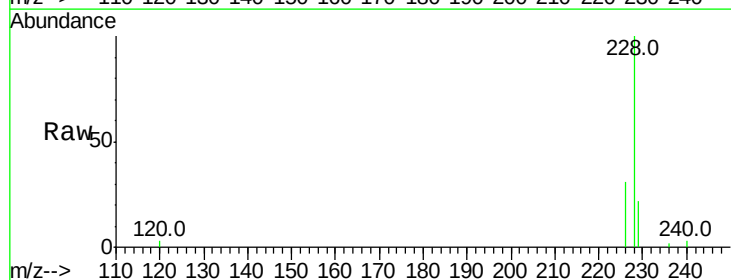
Tgt Ion:228 Resp: 13772

Ion Ratio Lower Upper

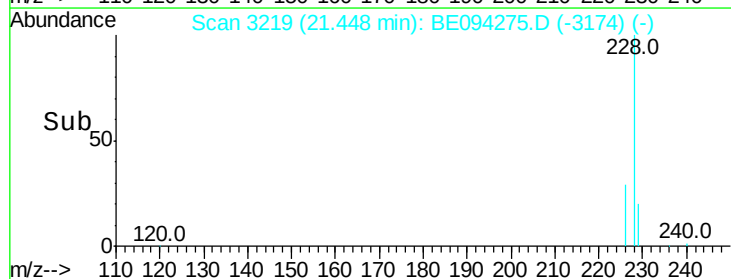
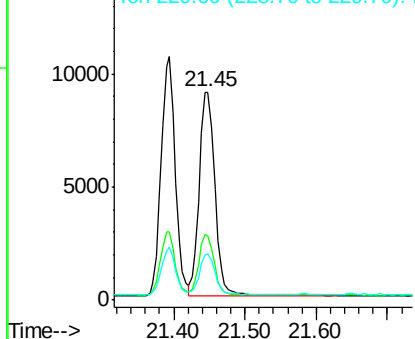
228 100

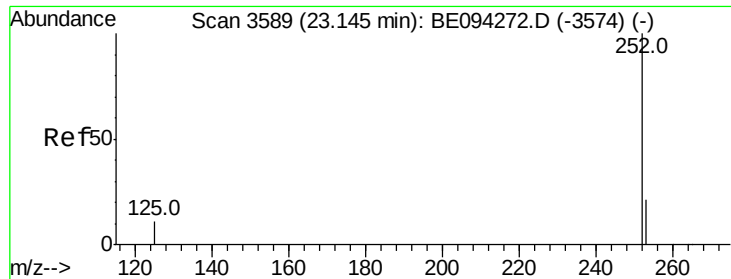
226 30.9 23.4 35.0

229 22.3 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.438 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

Instrument :

BNA_E

ClientSampleId :

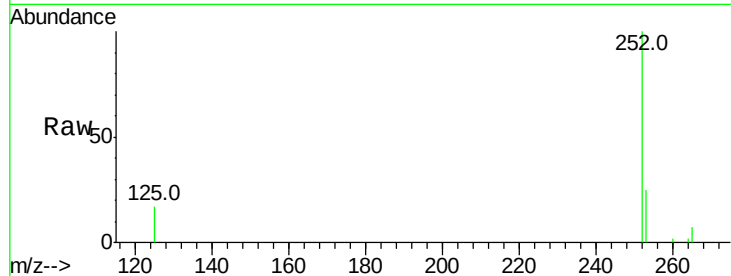
Tot Ion:252 Resp: 13811

Ion Ratio Lower Upper

252 100

253 24.8 0.0 64.2

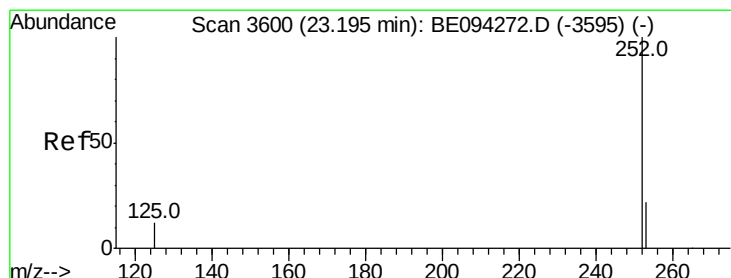
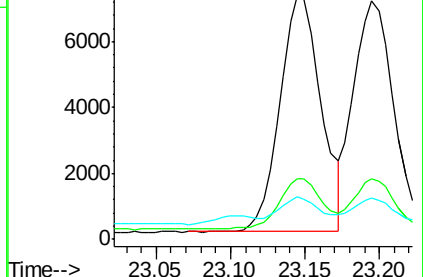
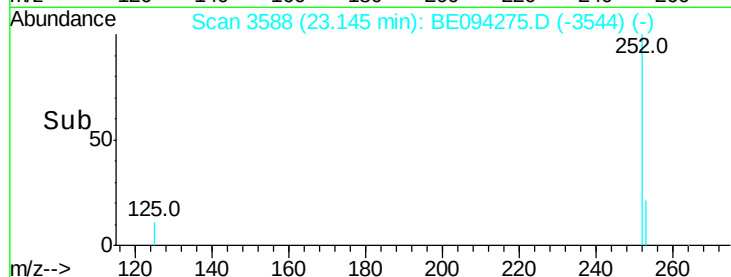
125 17.3 0.0 35.0



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: 0.366 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

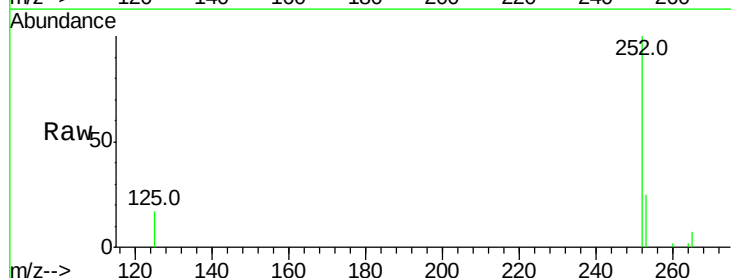
Tgt Ion:252 Resp: 13355

Ion Ratio Lower Upper

252 100

253 25.5 24.5 36.7

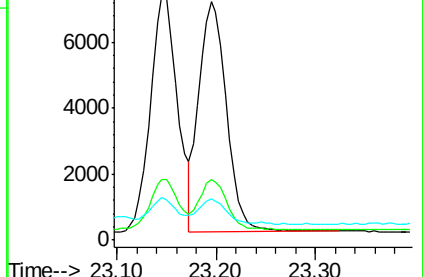
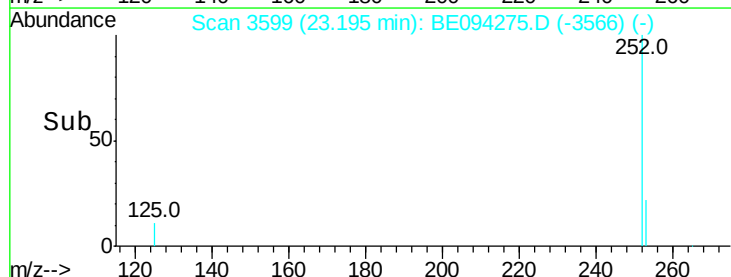
125 17.4 13.7 20.5

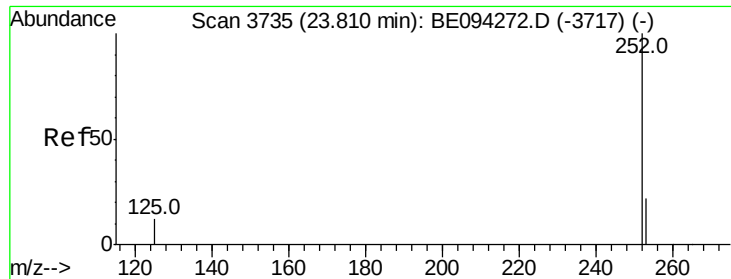


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.81 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

Instrument :

BNA_E

ClientSampleId :

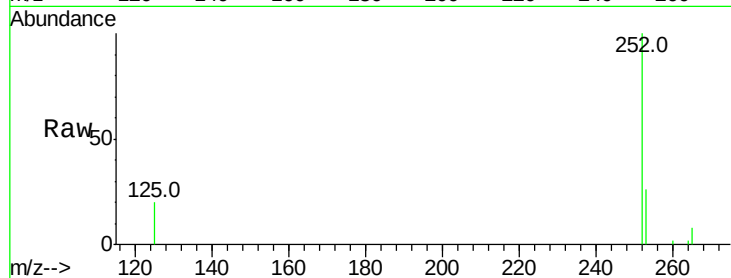
Tot Ion:252 Resp: 13259

Ion Ratio Lower Upper

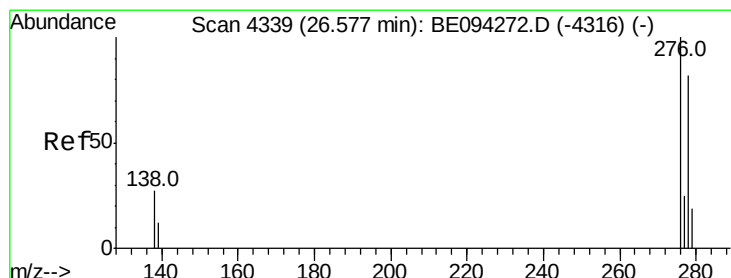
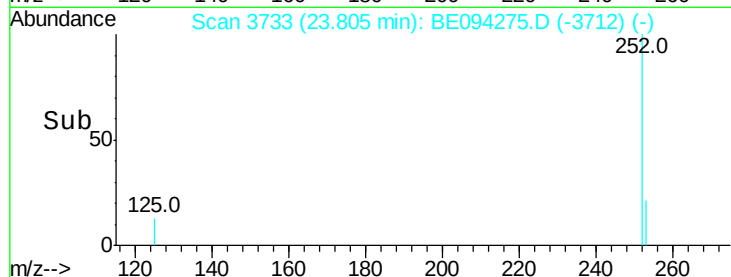
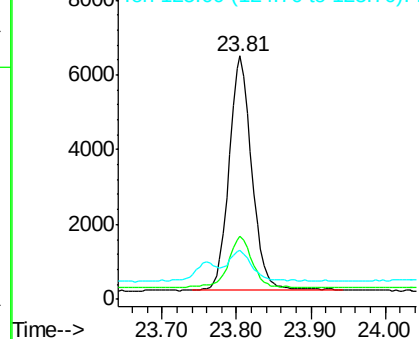
252 100

253 25.7 28.5 42.7#

125 20.0 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: 0.430 ng/ul

RT: 26.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BE094275.D

Acq: 11 Oct 2017 5:54

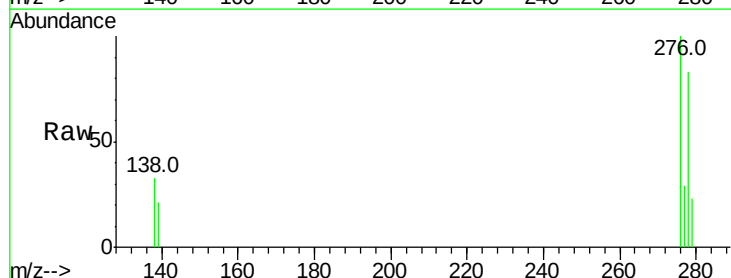
Tgt Ion:276 Resp: 14430

Ion Ratio Lower Upper

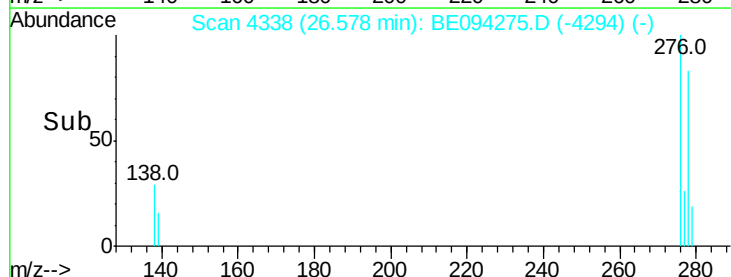
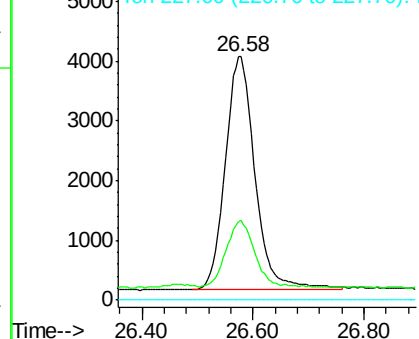
276 100

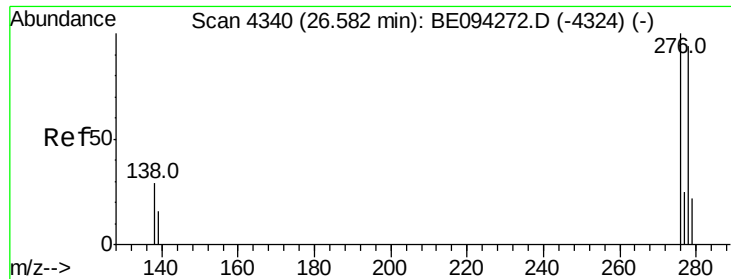
138 27.8 28.0 42.0#

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

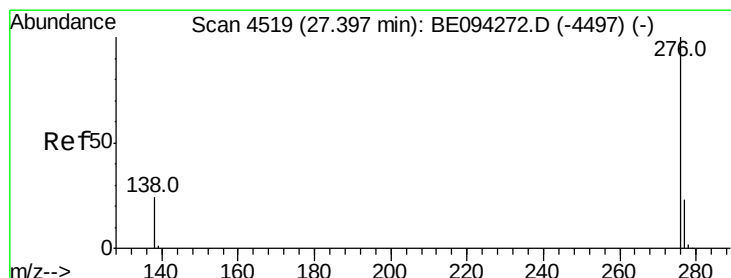
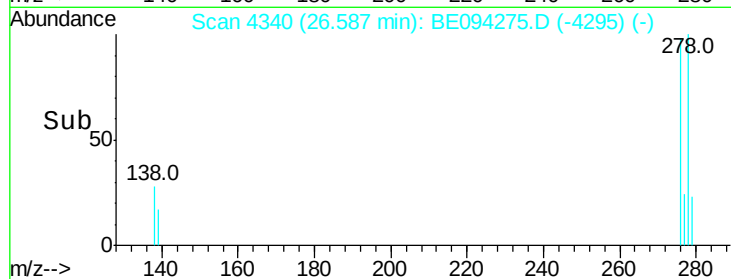
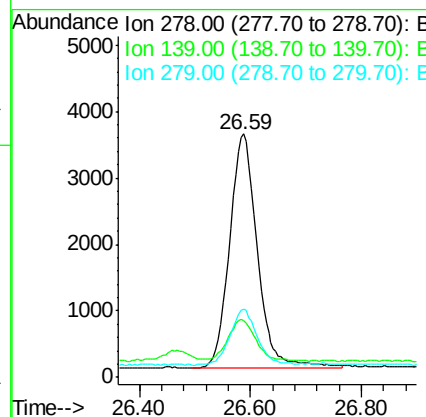
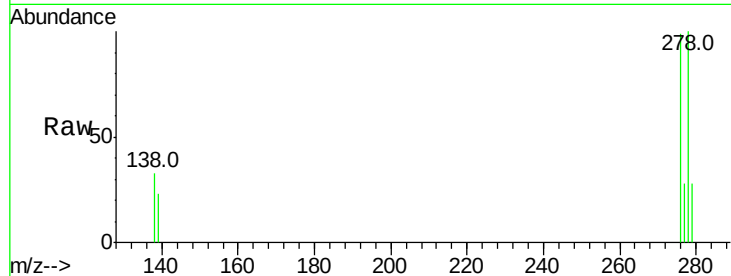




#25
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.59 min Scan# 4340
Delta R.T. 0.01 min
Lab File: BE094275.D
Acq: 11 Oct 2017 5:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 12106
Ion Ratio Lower Upper
278 100
139 23.4 17.4 26.0
279 27.9 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.39 min Scan# 4517
Delta R.T. -0.00 min
Lab File: BE094275.D
Acq: 11 Oct 2017 5:54

Tgt Ion:276 Resp: 11762
Ion Ratio Lower Upper
276 100
138 30.2 21.8 32.8
277 28.5 20.5 30.7

