

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094330.D
 Acq On : 13 Oct 2017 18:45
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 02:19:41 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 02:15:10 2017
 Response via : Initial Calibration

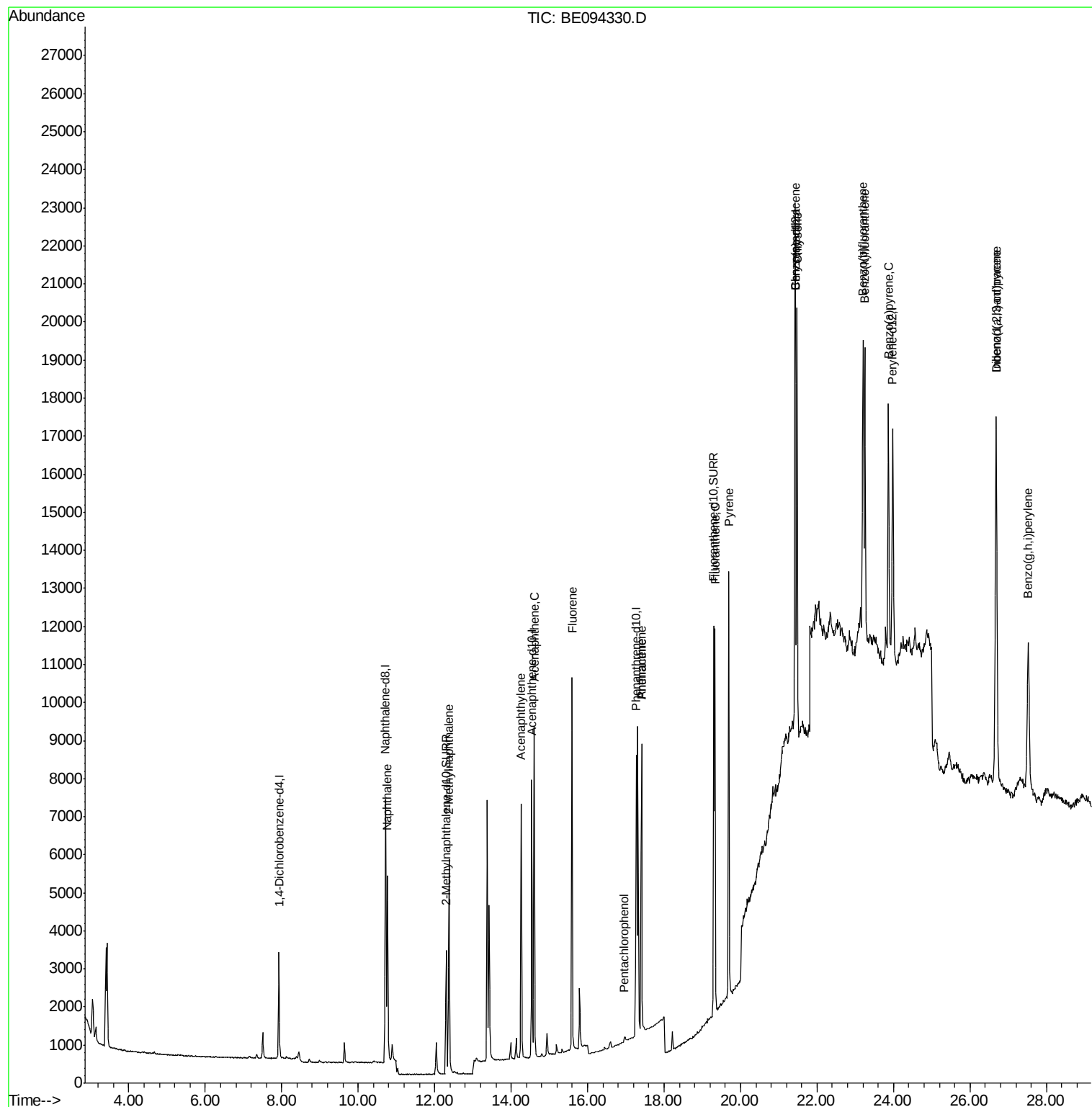
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	1584	0.40	ng/ul	0.01
2) Naphthalene-d8	10.71	136	8026	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	4404	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9668	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9460	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	9245	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	5047	0.41	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	11699	0.36	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	7757	0.395	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	5359	0.420	ng/ul	99
7) Acenaphthylene	14.26	152	8406	0.490	ng/ul	97
8) Acenaphthene	14.60	153	5661	0.400	ng/ul	98
9) Fluorene	15.59	166	6576	0.397	ng/ul	94
11) Pentachlorophenol	16.96	266	332	0.293	ng/ul	91
12) Phenanthrene	17.41	178	10243	0.405	ng/ul	96
13) Anthracene	17.41	178	10564	0.430	ng/ul	97
15) Fluoranthene	19.33	202	12049	0.363	ng/ul	84
17) Pyrene	19.69	202	12732	0.484	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	11413	0.455	ng/ul#	73
19) Chrysene	21.48	228	10562	0.364	ng/ul#	69
21) Benzo(b)fluoranthene	23.20	252	10955	0.436	ng/ul#	45
22) Benzo(k)fluoranthene	23.25	252	10684	0.368	ng/ul#	39
23) Benzo(a)pyrene	23.87	252	10570	0.405	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.68	276	11864	0.444	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.69	278	10016	0.447	ng/ul#	46
26) Benzo(g,h,i)perylene	27.53	276	9977	0.433	ng/ul#	53

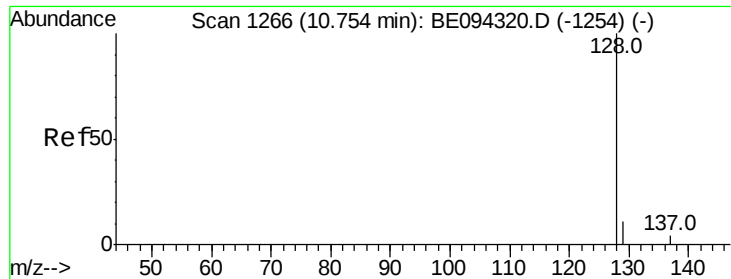
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
Data File : BE094330.D
Acq On : 13 Oct 2017 18:45
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Oct 14 02:19:41 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 02:15:10 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.395 ng/ul

RT: 10.77 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

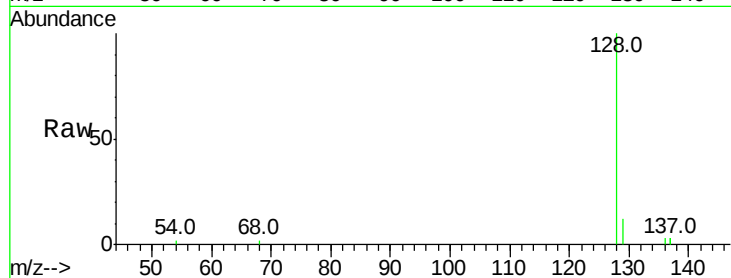
Tot Ion:128 Resp: 7757

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

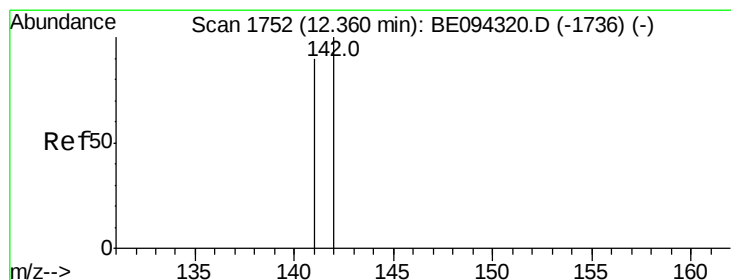
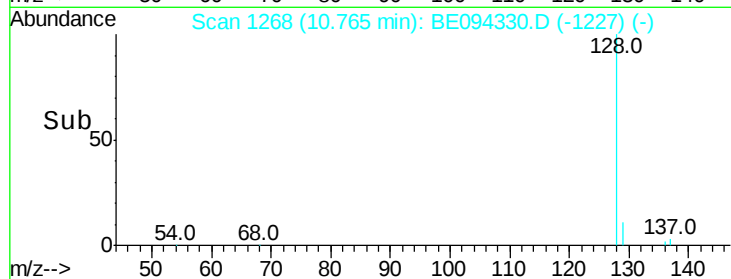
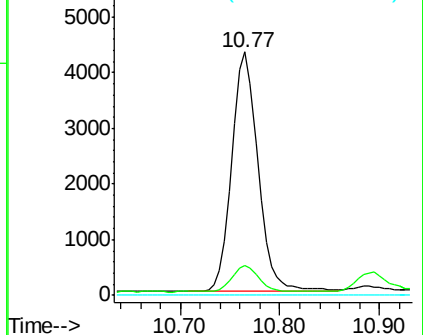
127 0.0 4.0 6.0#



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: 0.420 ng/ul

RT: 12.37 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BE094330.D

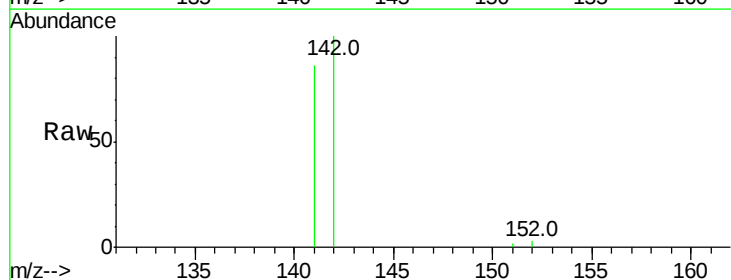
Acq: 13 Oct 2017 18:45

Tgt Ion:142 Resp: 5359

Ion Ratio Lower Upper

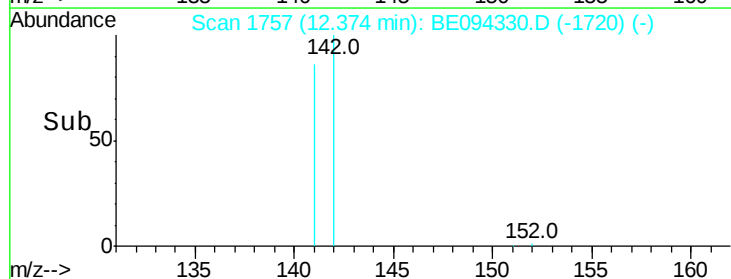
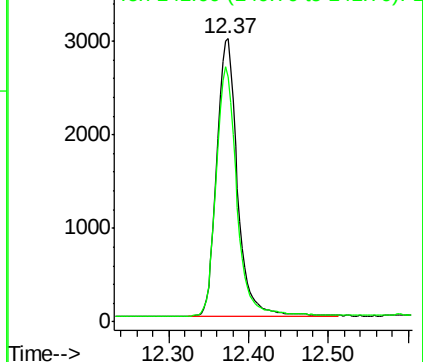
142 100

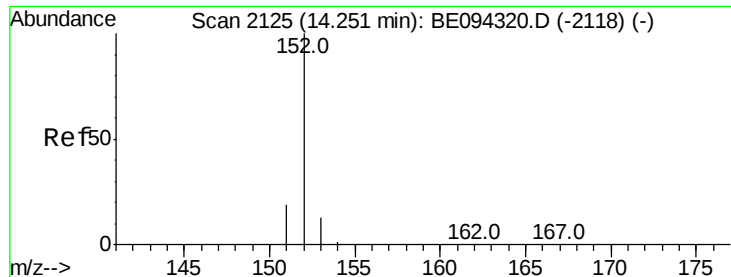
141 89.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.490 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

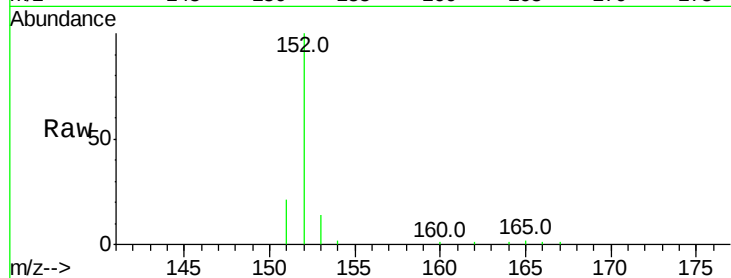
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 8406

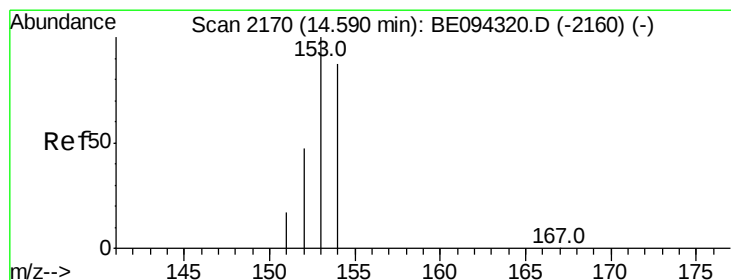
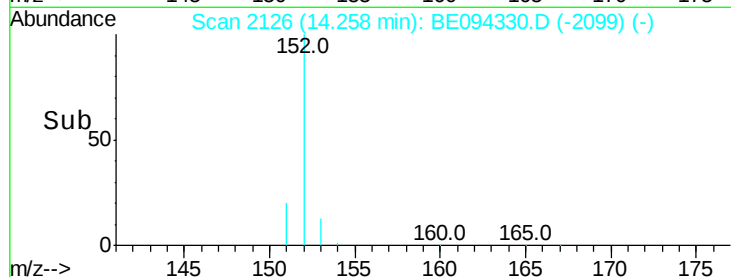
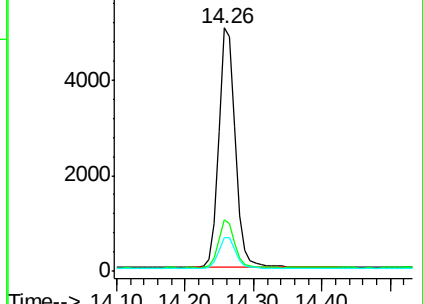
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	14.0	12.8	19.2



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: 0.400 ng/ul

RT: 14.60 min Scan# 2172

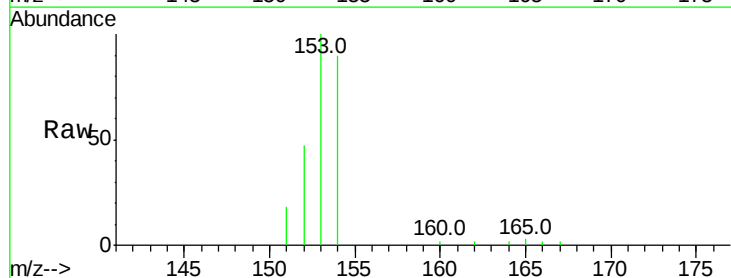
Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

Tgt Ion:153 Resp: 5661

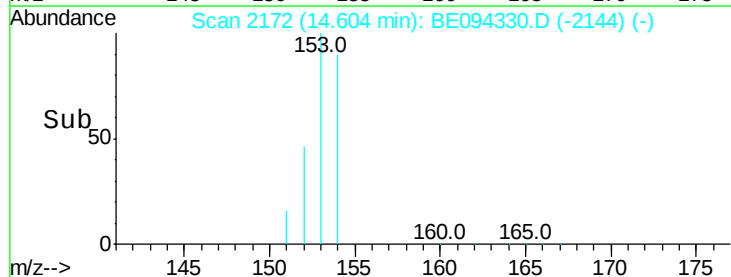
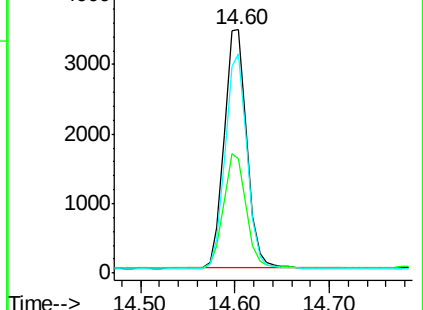
Ion	Ratio	Lower	Upper
153	100		
152	47.1	40.3	60.5
154	90.1	71.4	107.2

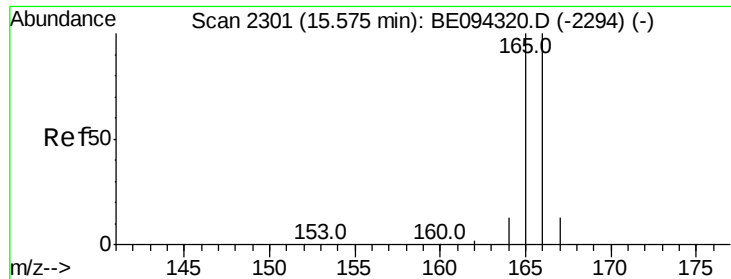


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

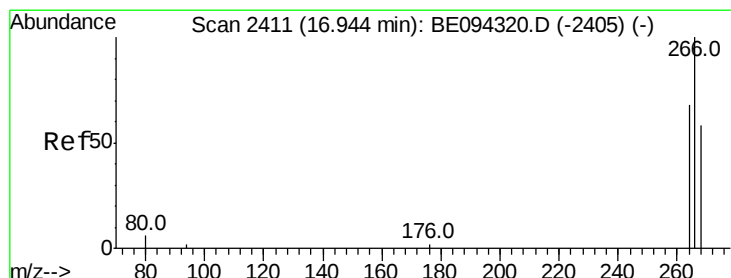
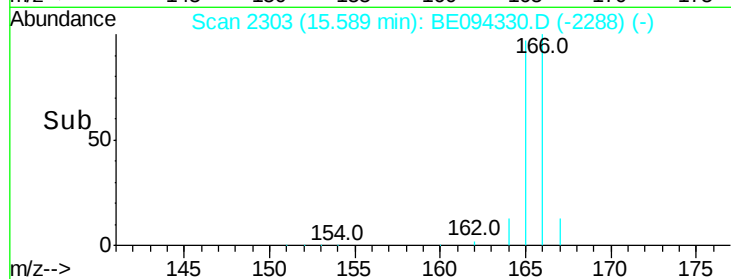
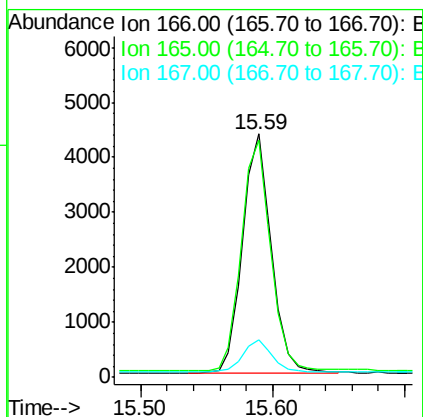
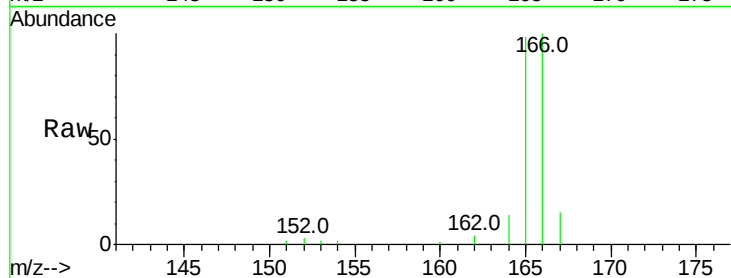




#9
Fluorene
 Concen: 0.397 ng/ul
 RT: 15.59 min Scan# 2303
 Delta R.T. 0.01 min
 Lab File: BE094330.D
 Acq: 13 Oct 2017 18:45

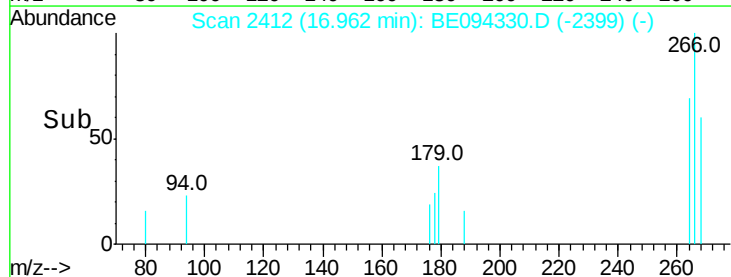
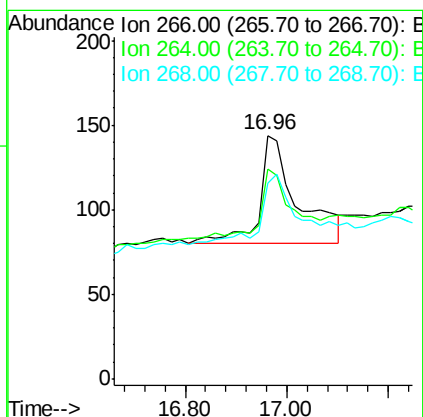
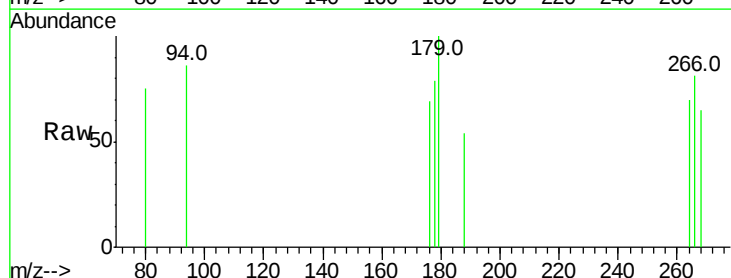
Instrument :
 BNA_E
 ClientSampleId :

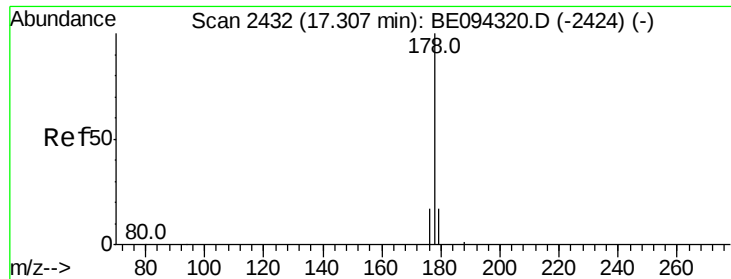
Tot Ion:166 Resp: 6576
 Ion Ratio Lower Upper
 166 100
 165 97.6 73.4 110.2
 167 15.2 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.293 ng/ul
 RT: 16.96 min Scan# 2412
 Delta R.T. 0.02 min
 Lab File: BE094330.D
 Acq: 13 Oct 2017 18:45

Tgt Ion:266 Resp: 332
 Ion Ratio Lower Upper
 266 100
 264 64.5 47.9 71.9
 268 71.1 49.8 74.8





#12

Phenanthrene

Concen: 0.405 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. 0.11 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

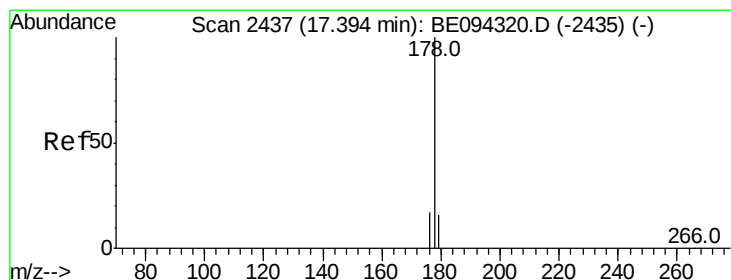
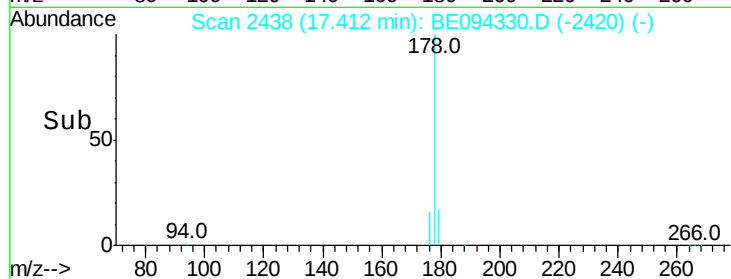
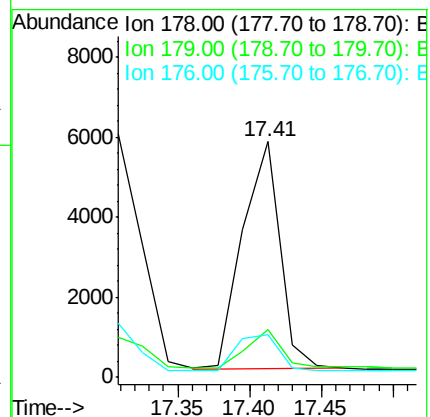
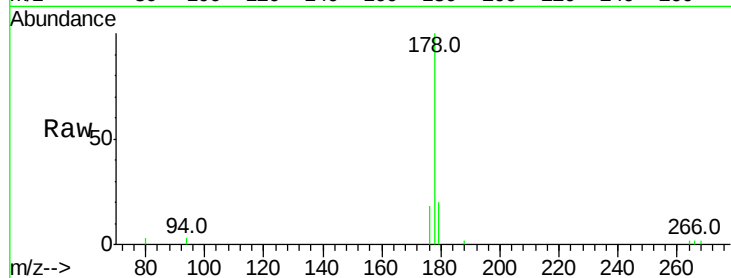
Tot Ion:178 Resp: 10243

Ion Ratio Lower Upper

178 100

179 20.0 18.4 27.6

176 17.9 13.6 20.4



#13

Anthracene

Concen: 0.430 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. 0.02 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

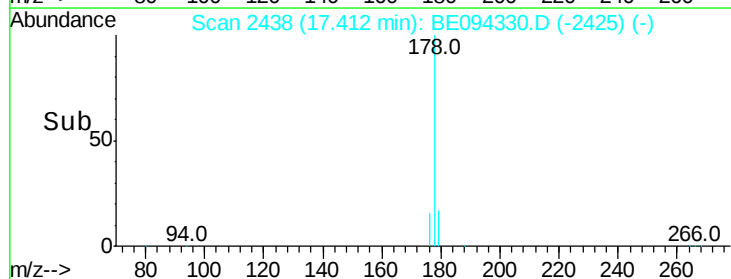
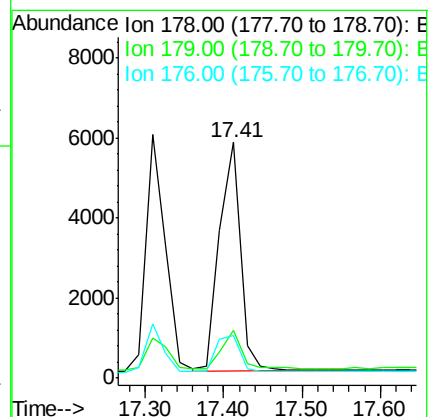
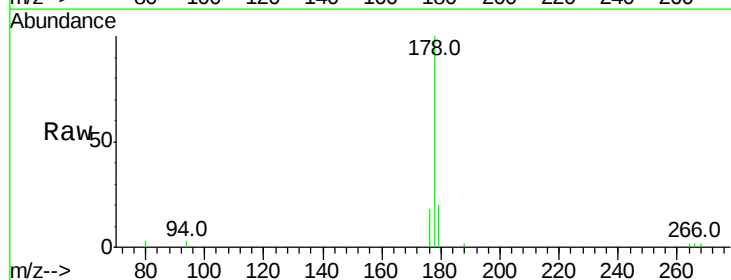
Tgt Ion:178 Resp: 10564

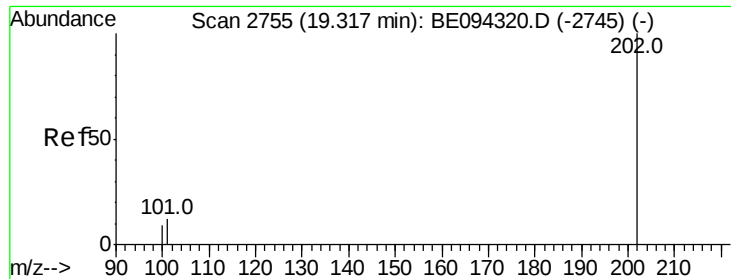
Ion Ratio Lower Upper

178 100

179 20.0 18.1 27.1

176 17.9 14.7 22.1





#15

Fluoranthene

Concen: 0.363 ng/ul

RT: 19.33 min Scan# 2758

Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

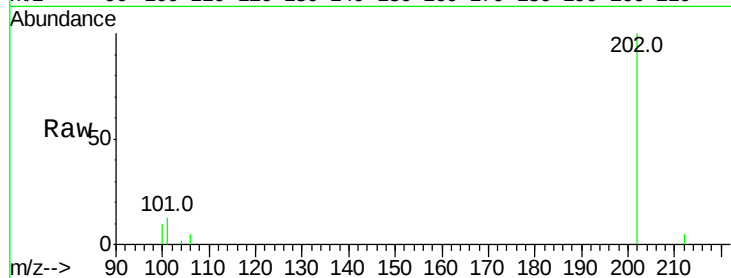
Tot Ion:202 Resp: 12049

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.3

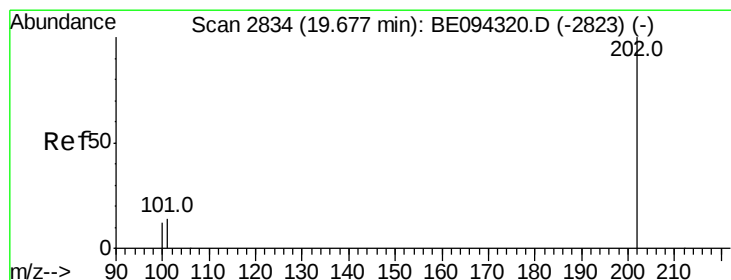
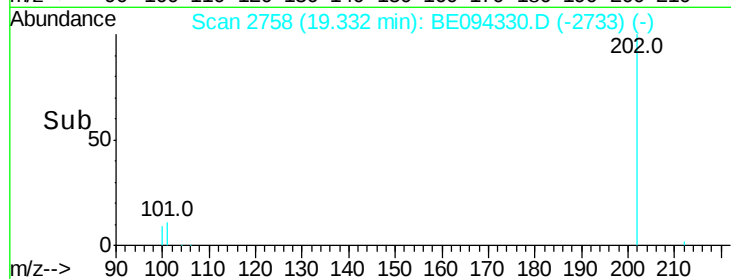
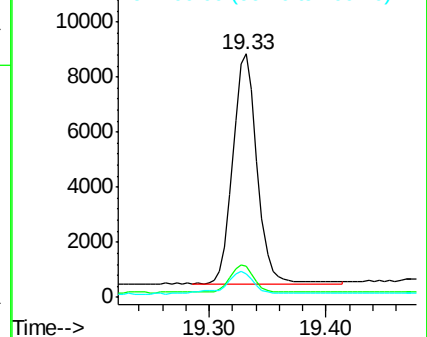
100 9.6 0.0 39.5



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: 0.484 ng/ul

RT: 19.69 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

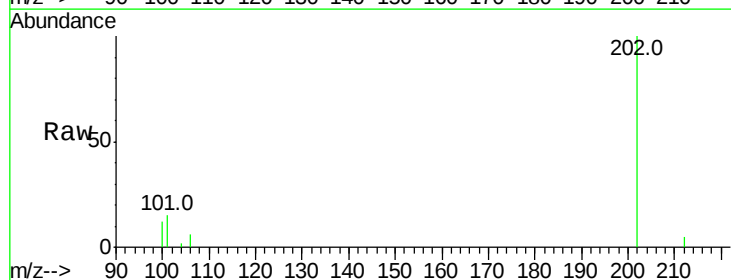
Tgt Ion:202 Resp: 12732

Ion Ratio Lower Upper

202 100

101 14.6 18.2 27.4#

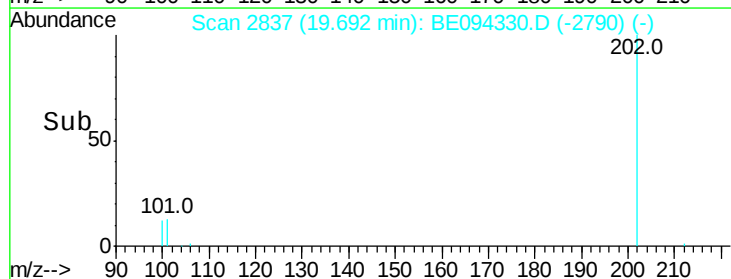
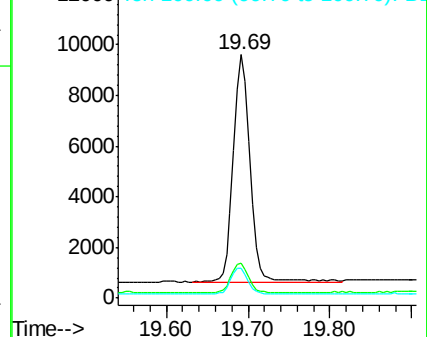
100 12.3 15.6 23.4#

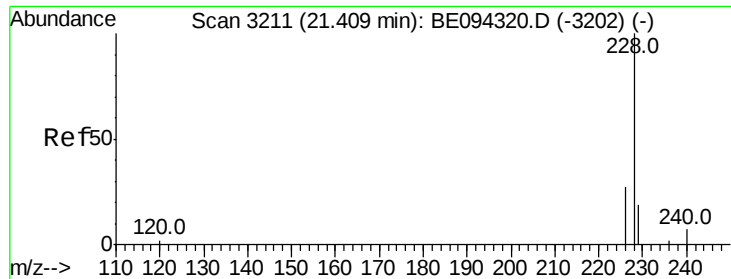


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.455 ng/ul

RT: 21.42 min Scan# 3214

Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

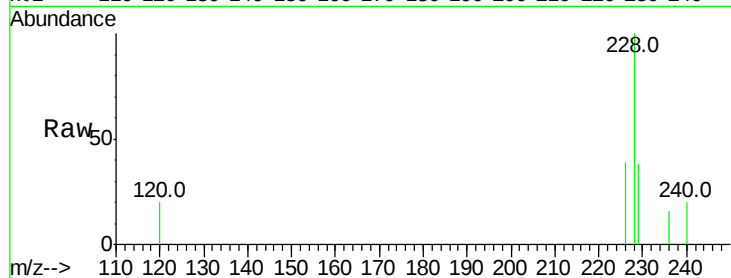
Tot Ion:228 Resp: 11413

Ion Ratio Lower Upper

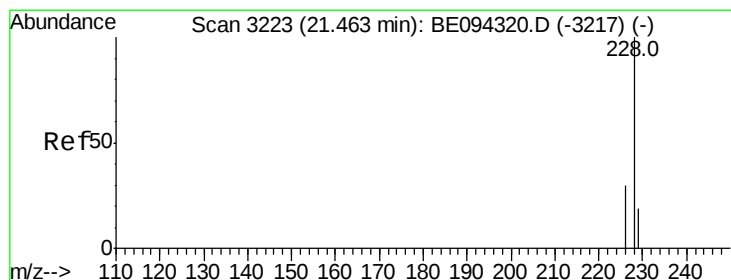
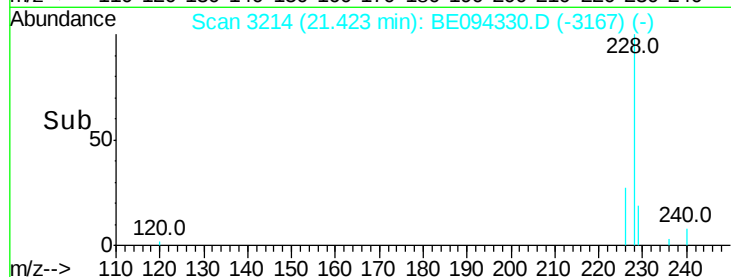
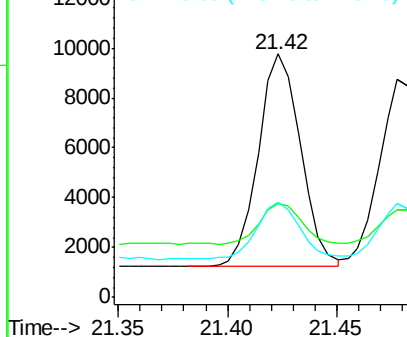
228 100

229 38.3 22.8 34.2#

226 39.2 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: 0.364 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

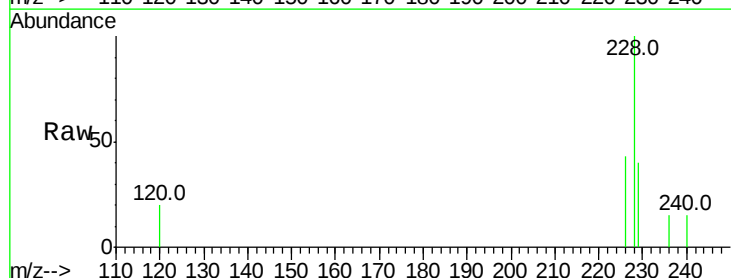
Tgt Ion:228 Resp: 10562

Ion Ratio Lower Upper

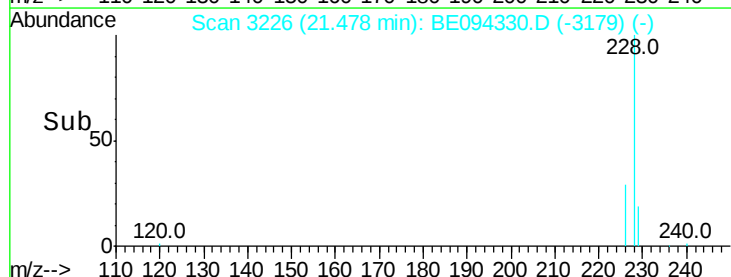
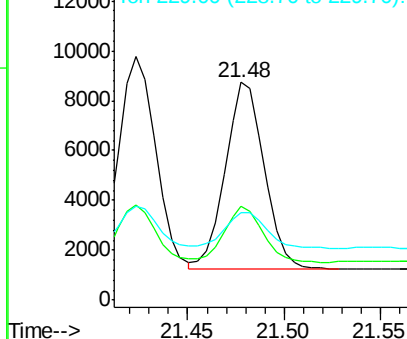
228 100

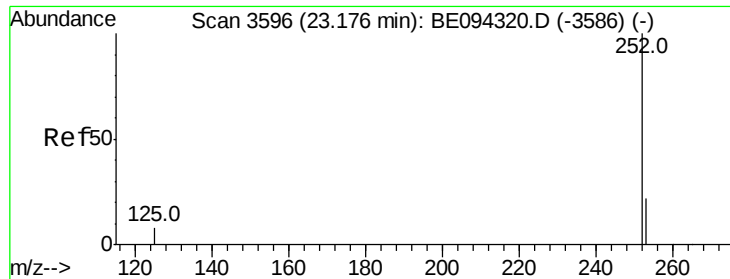
226 42.9 23.4 35.0#

229 40.0 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

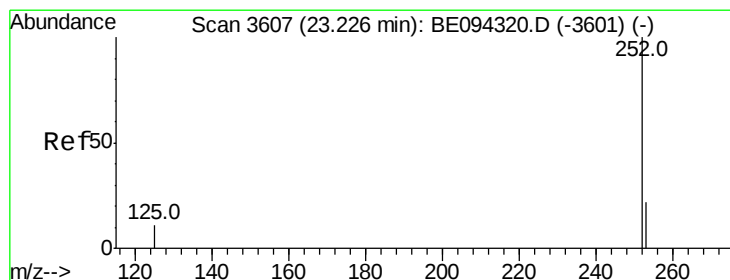
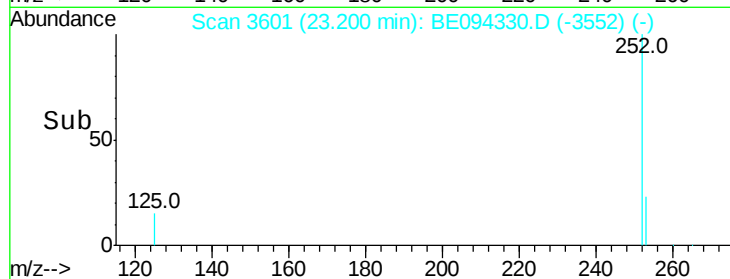
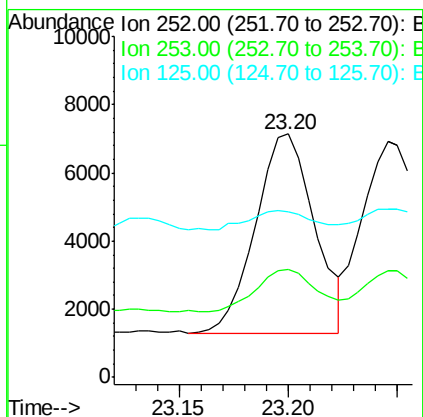
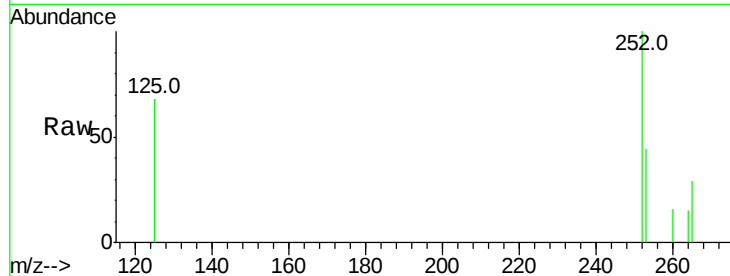




#21
Benzo(b)fluoranthene
Concen: 0.436 ng/u1
RT: 23.20 min Scan# 3601
Delta R.T. 0.02 min
Lab File: BE094330.D
Acq: 13 Oct 2017 18:45

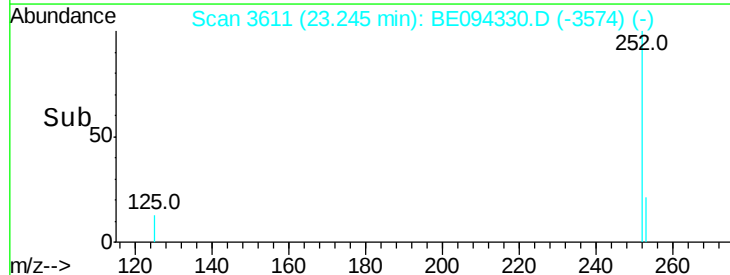
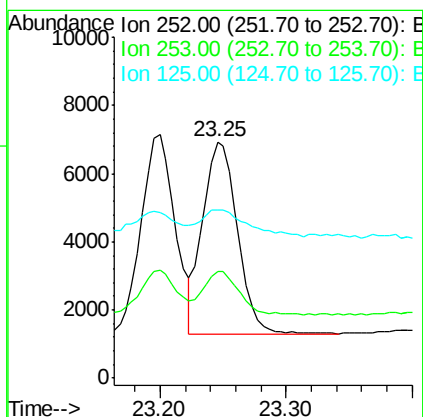
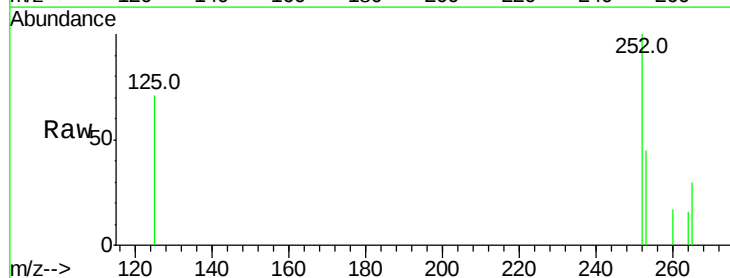
Instrument :
BNA_E
ClientSampleId :

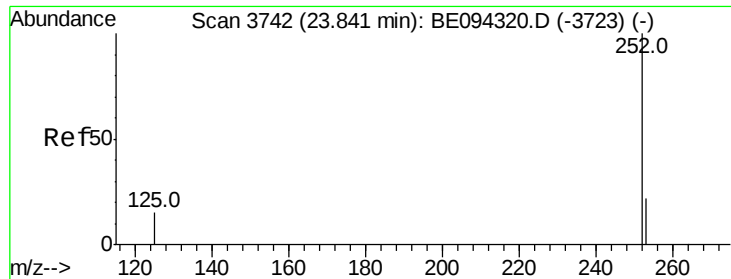
Tot Ion:252 Resp: 10955
Ion Ratio Lower Upper
252 100
253 44.4 0.0 64.2
125 68.2 0.0 35.0#



#22
Benzo(k)fluoranthene
Concen: 0.368 ng/u1
RT: 23.25 min Scan# 3611
Delta R.T. 0.02 min
Lab File: BE094330.D
Acq: 13 Oct 2017 18:45

Tgt Ion:252 Resp: 10684
Ion Ratio Lower Upper
252 100
253 44.9 24.5 36.7#
125 71.0 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.87 min Scan# 3748

Delta R.T. 0.03 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

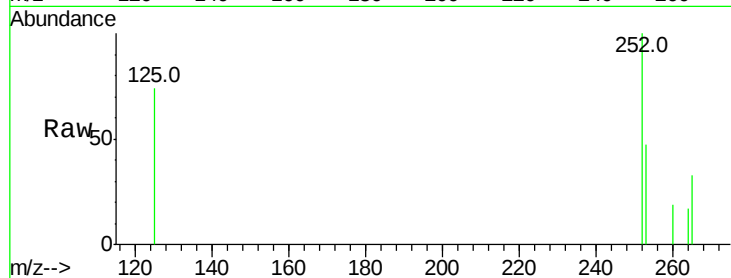
Tot Ion:252 Resp: 10570

Ion Ratio Lower Upper

252 100

253 47.1 28.5 42.7#

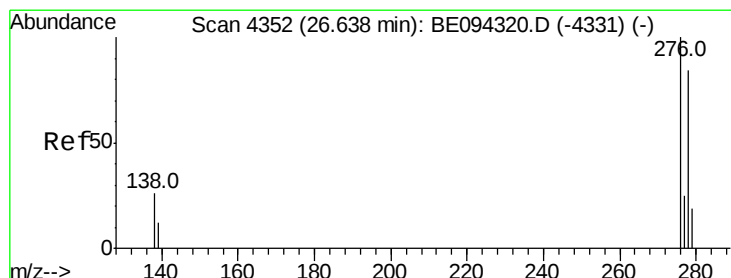
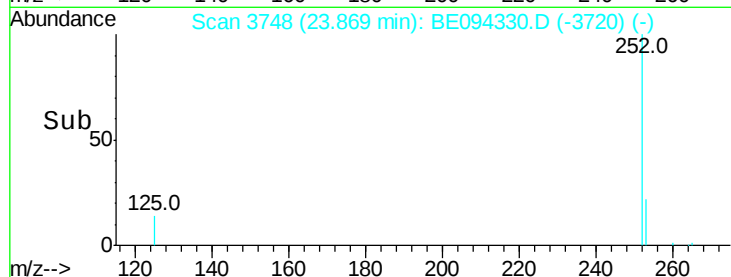
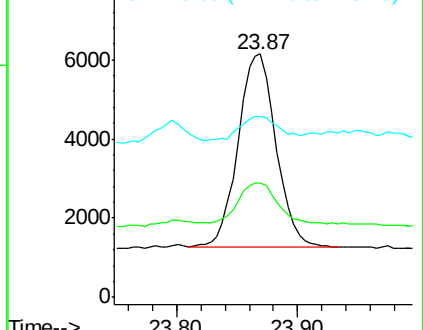
125 74.2 18.1 27.1#



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: 0.444 ng/ul

RT: 26.68 min Scan# 4362

Delta R.T. 0.04 min

Lab File: BE094330.D

Acq: 13 Oct 2017 18:45

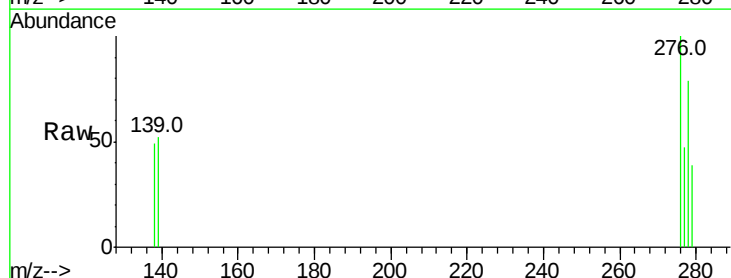
Tgt Ion:276 Resp: 11864

Ion Ratio Lower Upper

276 100

138 31.5 28.0 42.0

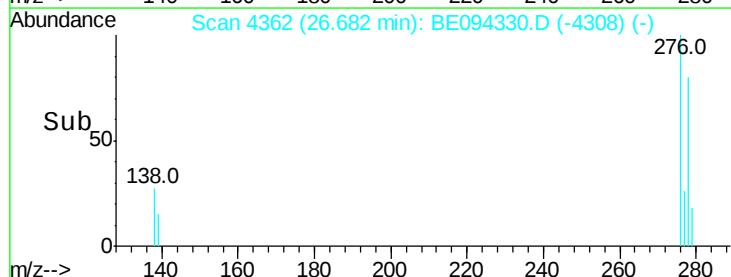
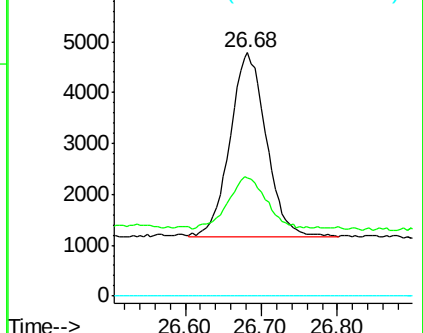
227 0.0 8.0 12.0#

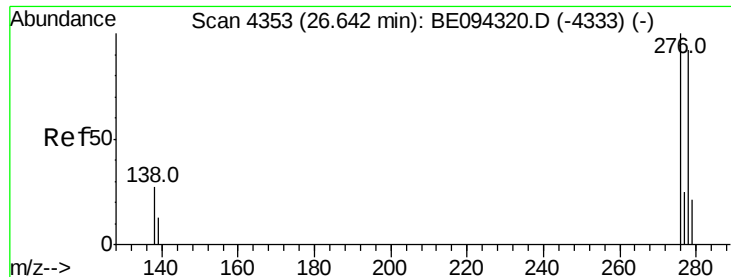


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

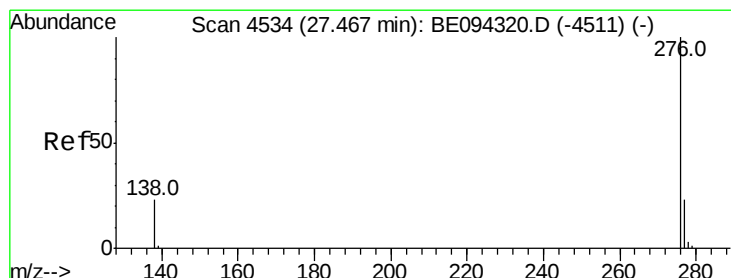
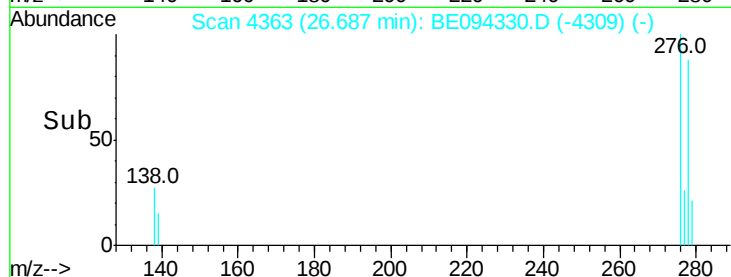
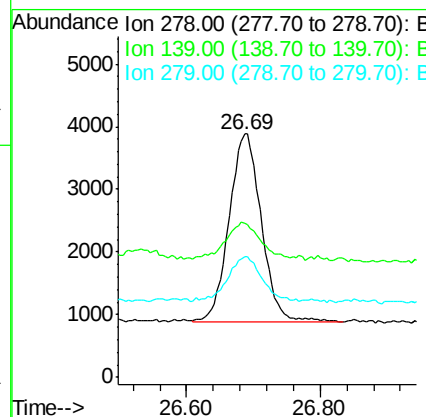
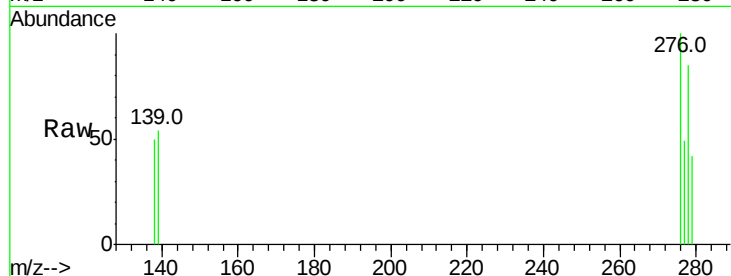




#25
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. 0.04 min
Lab File: BE094330.D
Acq: 13 Oct 2017 18:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 10016
Ion Ratio Lower Upper
278 100
139 63.3 17.4 26.0#
279 49.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 27.53 min Scan# 4547
Delta R.T. 0.06 min
Lab File: BE094330.D
Acq: 13 Oct 2017 18:45

Tgt Ion:276 Resp: 9977
Ion Ratio Lower Upper
276 100
138 49.7 21.8 32.8#
277 51.3 20.5 30.7#

