

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111517\
 Data File : BE094810.D
 Acq On : 15 Nov 2017 9:48
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 00:52:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 16:33:16 2017
 Response via : Initial Calibration

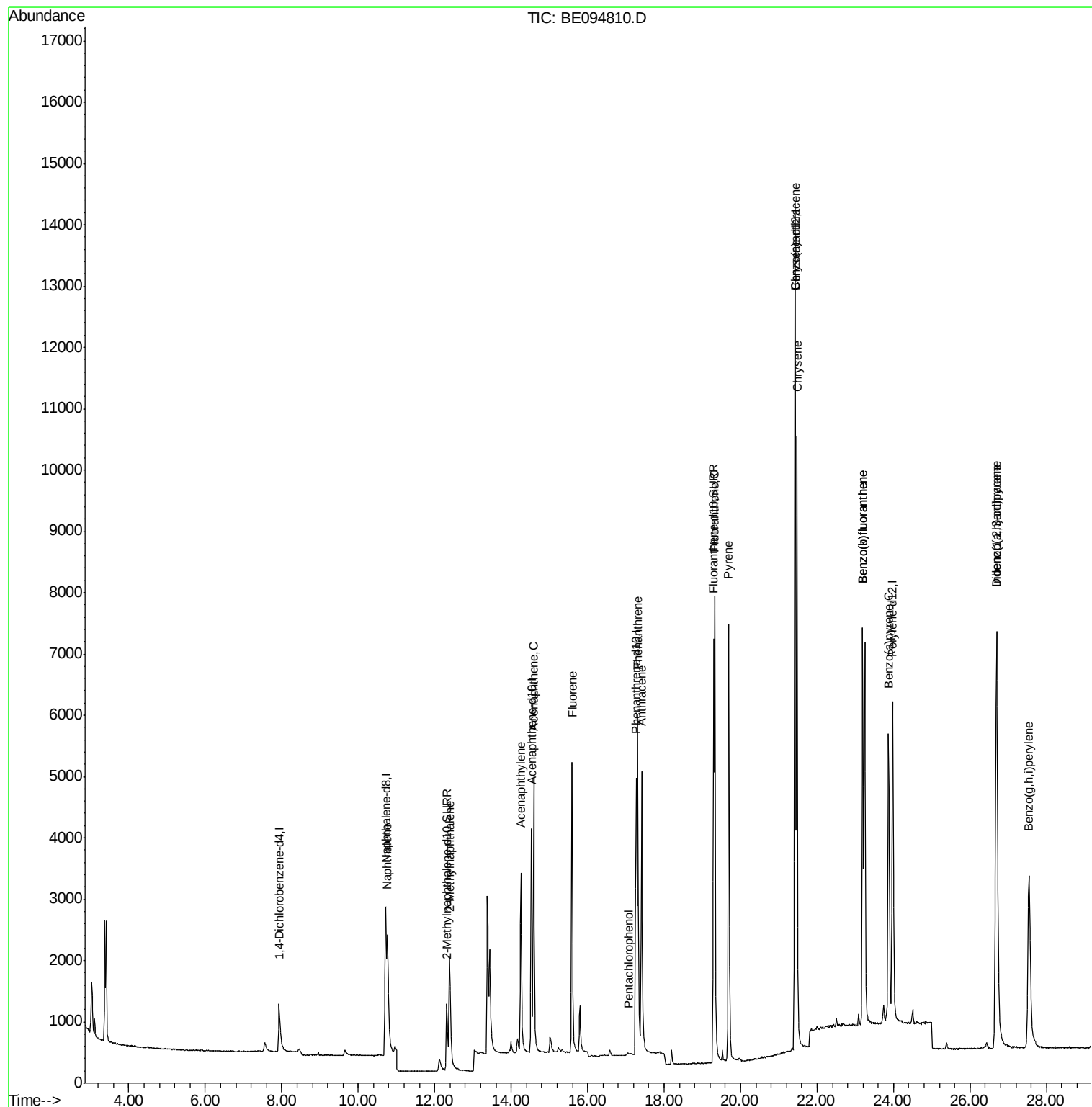
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	861	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	4926	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.53	164	2919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	7738	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9963	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9443	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	2887	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9896	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	4380	0.37	ng/ul#	96
5) 2-Methylnaphthalene	12.39	142	3006	0.37	ng/ul	99
7) Acenaphthylene	14.25	152	4928	0.37	ng/ul	99
8) Acenaphthene	14.59	153	3549	0.38	ng/ul	96
9) Fluorene	15.59	166	4184	0.37	ng/ul	95
11) Pentachlorophenol	17.07	266	124	0.30	ng/ul	93
12) Phenanthrene	17.31	178	7474	0.36	ng/ul#	89
13) Anthracene	17.41	178	7495	0.35	ng/ul#	93
15) Fluoranthene	19.33	202	10177	0.37	ng/ul	84
17) Pyrene	19.69	202	10977	0.35	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	11034	0.36	ng/ul#	85
19) Chrysene	21.47	228	10942	0.36	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	9902	0.35	ng/ul	88
22) Benzo(k)fluoranthene	23.19	252	9902	0.33	ng/ul	90
23) Benzo(a)pyrene	23.87	252	10016	0.36	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.70	276	10936	0.36	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.69	278	9193	0.36	ng/ul	94
26) Benzo(g,h,i)perylene	27.54	276	9140	0.36	ng/ul	96

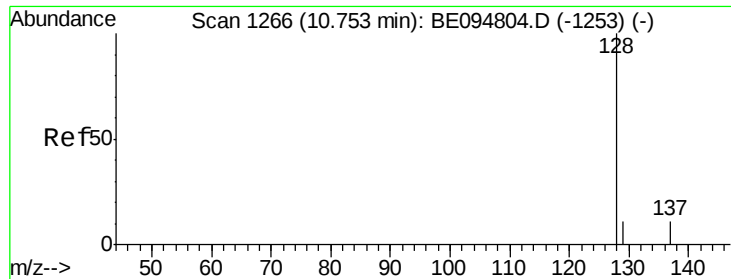
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111517\
Data File : BE094810.D
Acq On : 15 Nov 2017 9:48
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 16 00:52:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 16:33:16 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.37 ng/ul

RT: 10.76 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

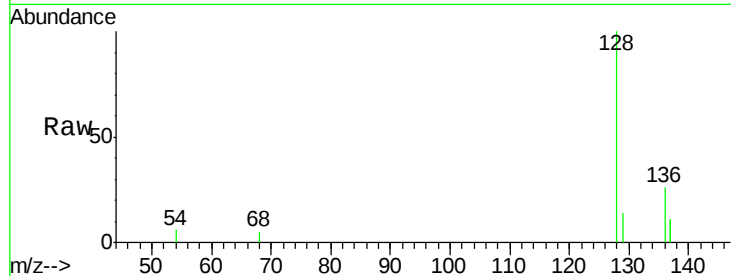
Tot Ion:128 Resp: 4380

Ion Ratio Lower Upper

128 100

129 14.2 11.3 16.9

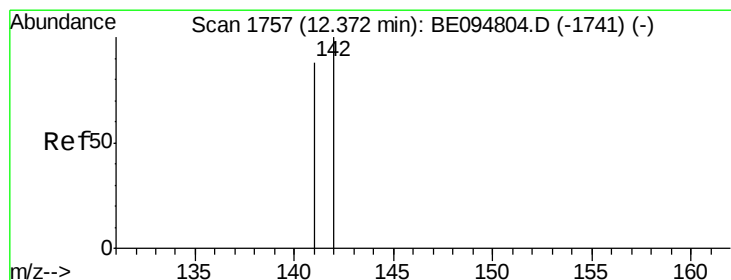
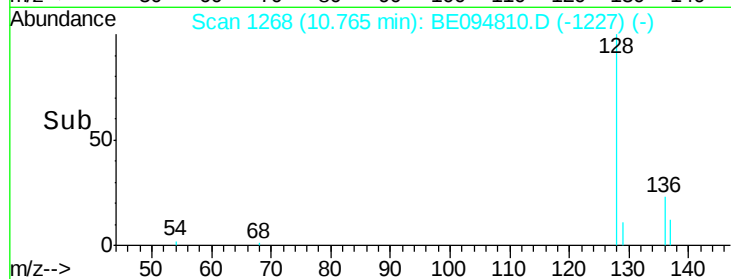
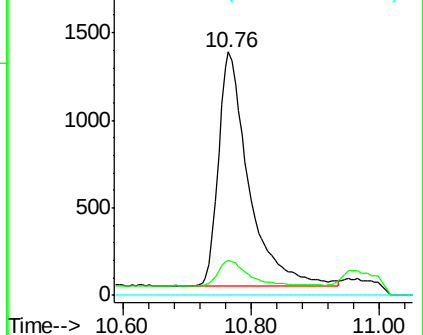
127 0.0 4.0 6.0#



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: 0.37 ng/ul

RT: 12.39 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BE094810.D

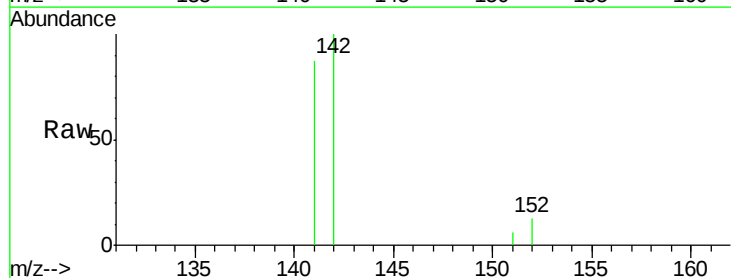
Acq: 15 Nov 2017 9:48

Tgt Ion:142 Resp: 3006

Ion Ratio Lower Upper

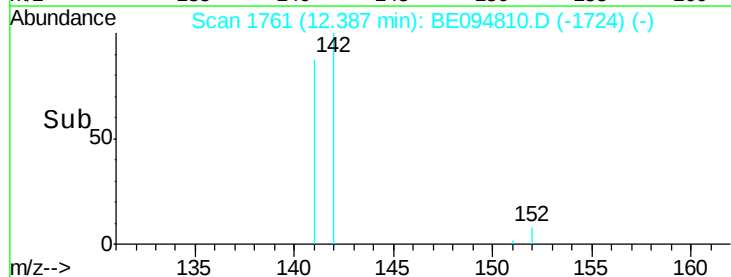
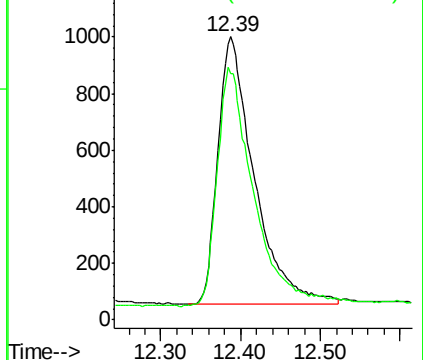
142 100

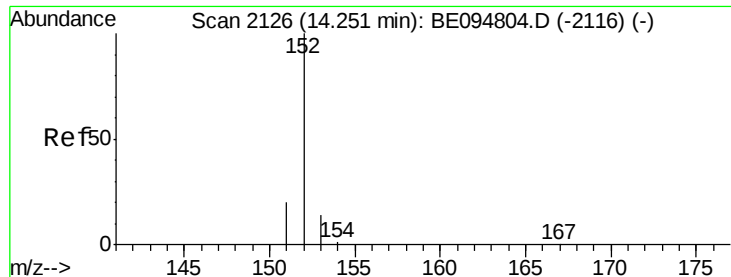
141 89.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

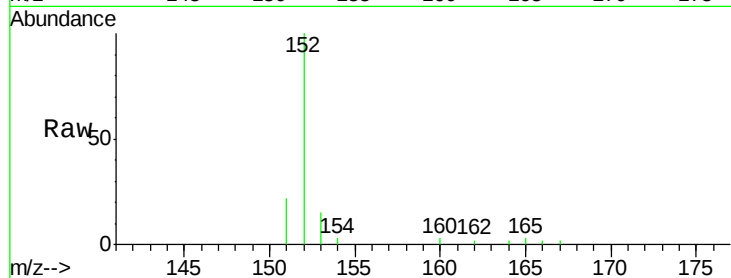
Tot Ion:152 Resp: 4928

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

153 15.3 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

14.25

2000

1500

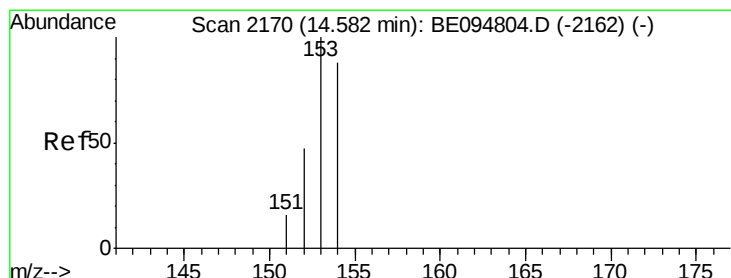
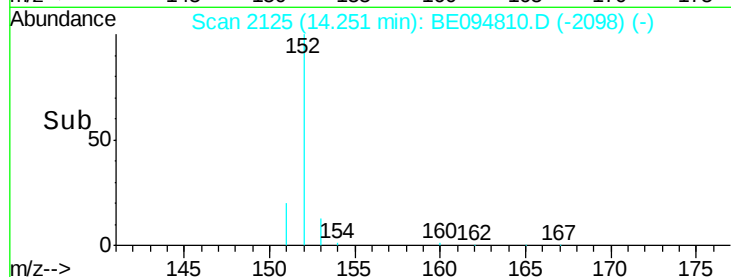
1000

500

0

Time-->

14.20 14.40



#8

Acenaphthene

Concen: 0.38 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

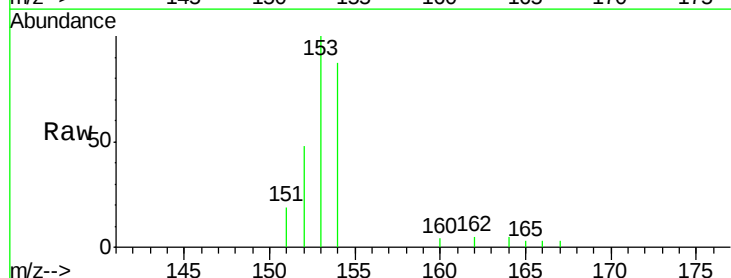
Tgt Ion:153 Resp: 3549

Ion Ratio Lower Upper

153 100

152 47.7 36.0 54.0

154 86.9 72.0 108.0



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

14.59

2500

2000

1500

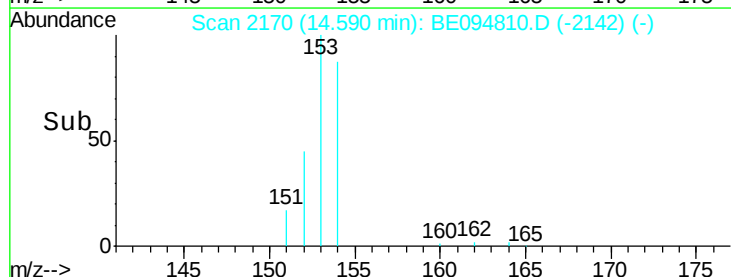
1000

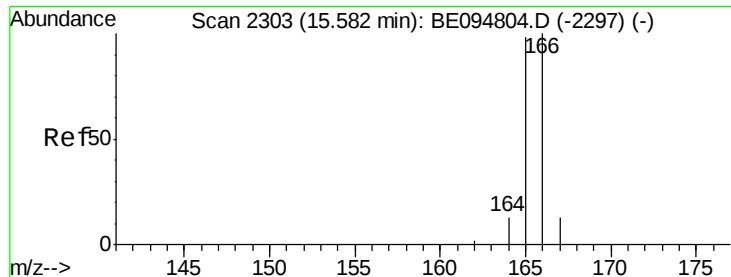
500

0

Time-->

14.60 14.80





#9

Fluorene

Concen: 0.37 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

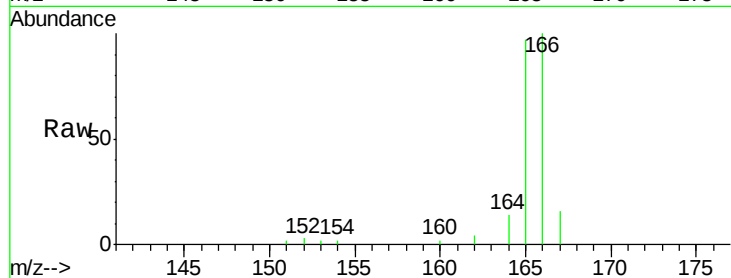
Tot Ion:166 Resp: 4184

Ion Ratio Lower Upper

166 100

165 96.6 73.4 110.2

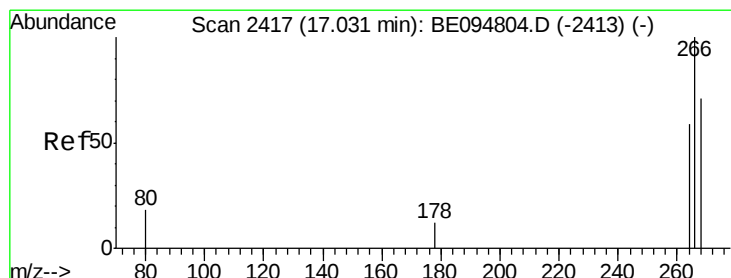
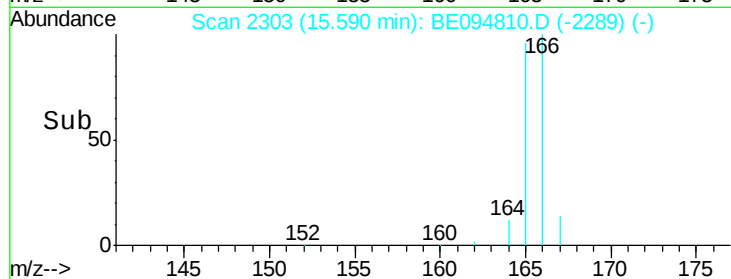
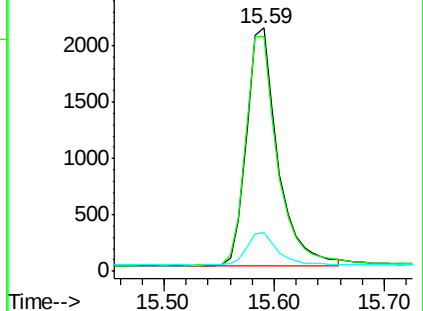
167 15.9 14.6 22.0



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: 0.30 ng/ul

RT: 17.07 min Scan# 2418

Delta R.T. 0.03 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

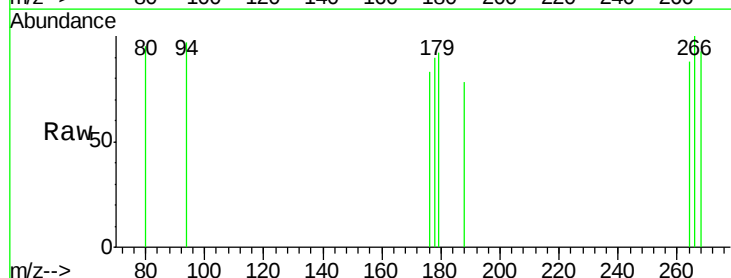
Tgt Ion:266 Resp: 124

Ion Ratio Lower Upper

266 100

264 59.7 47.9 71.9

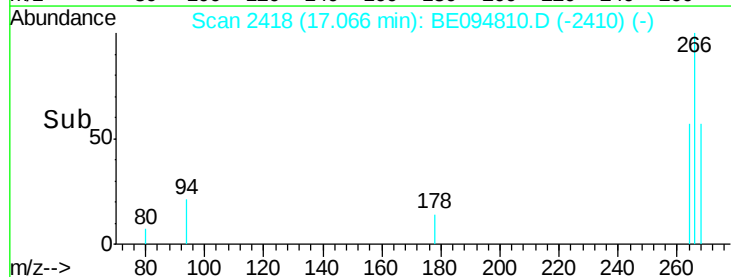
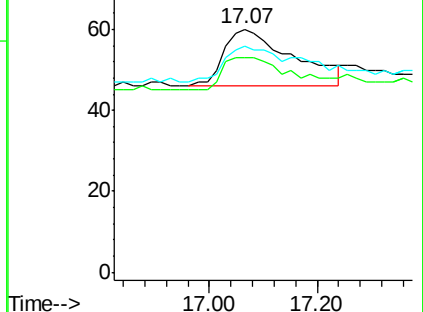
268 72.6 49.8 74.8

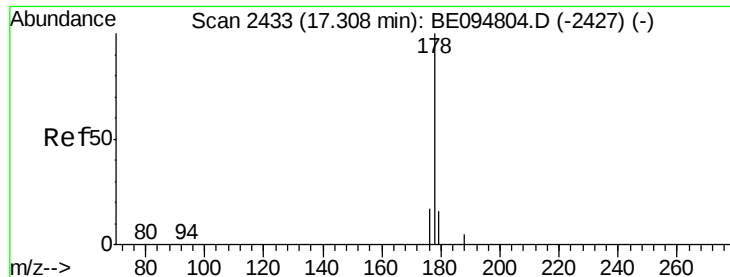


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.36 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

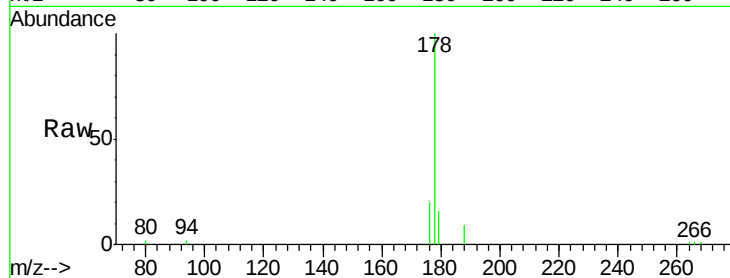
Tot Ion:178 Resp: 7474

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

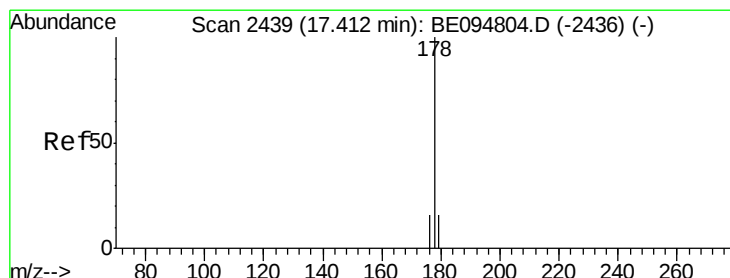
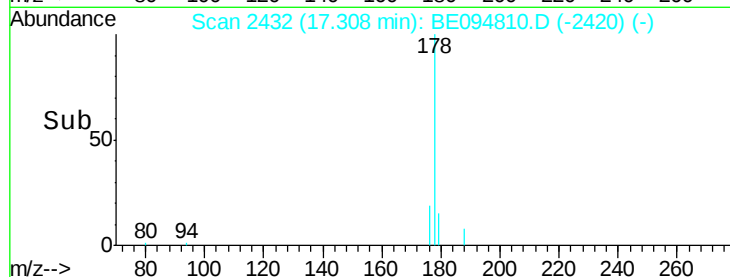
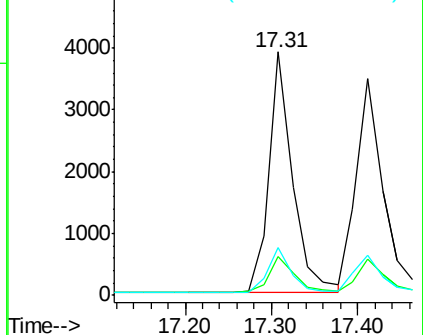
176 19.7 13.6 20.4



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: 0.35 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

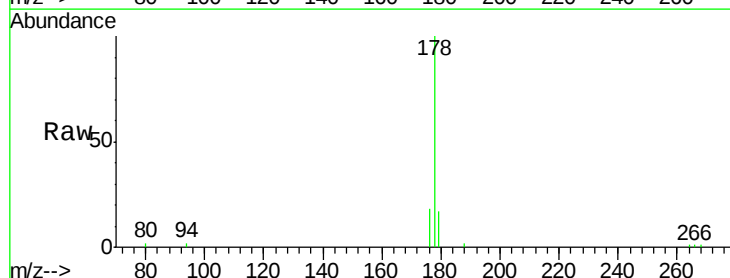
Tgt Ion:178 Resp: 7495

Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

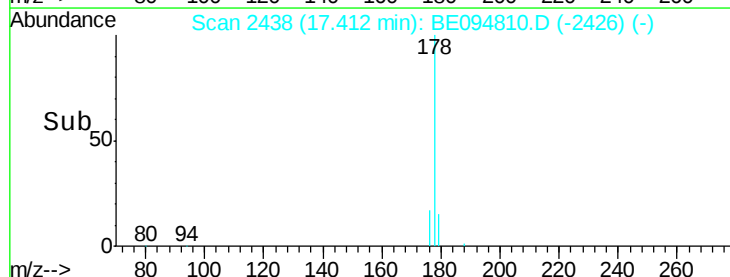
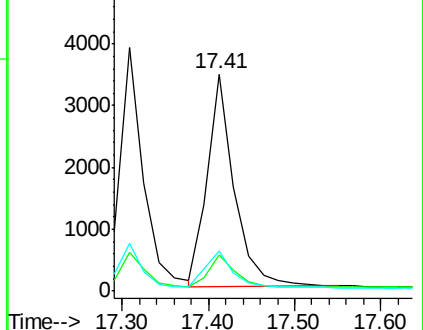
176 18.3 14.7 22.1

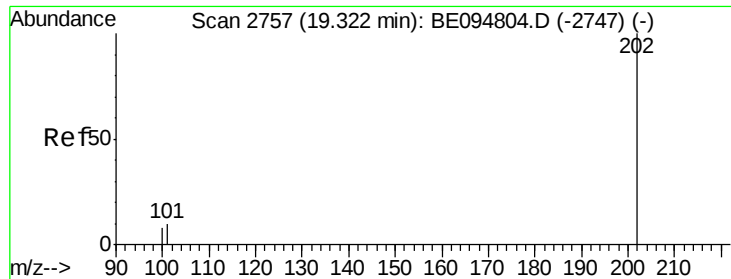


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.37 ng/ul

RT: 19.33 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BE094810.D

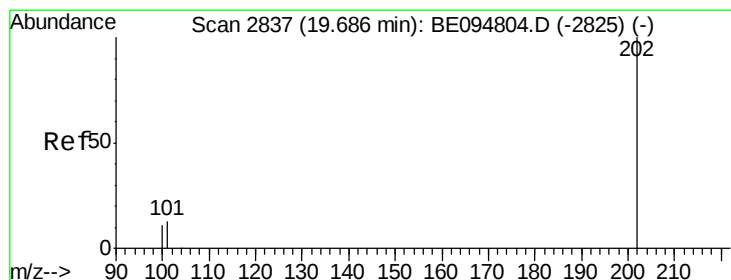
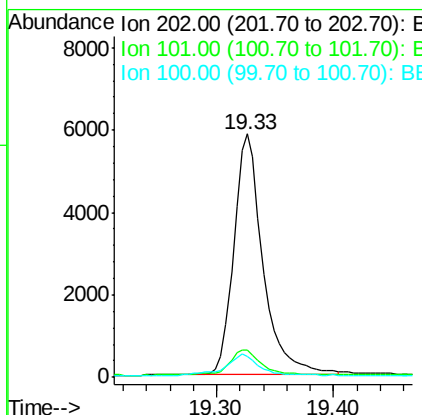
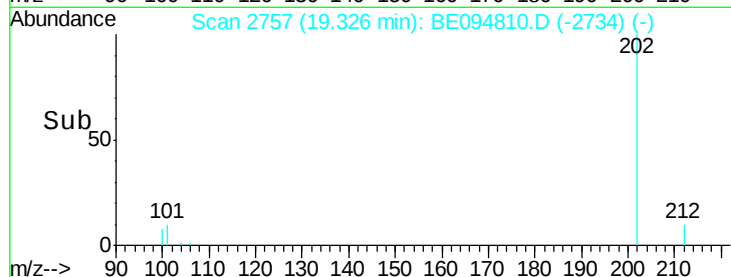
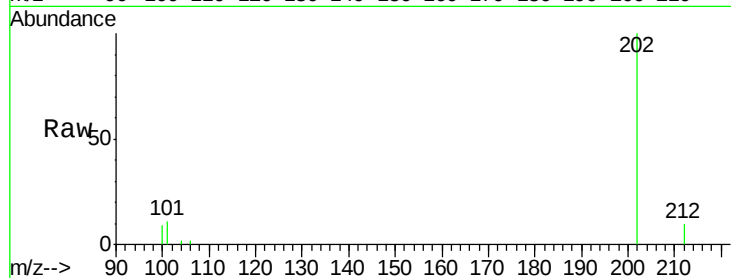
Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	10177
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.3
100	8.8	0.0	39.5



#17

Pyrene

Concen: 0.35 ng/ul

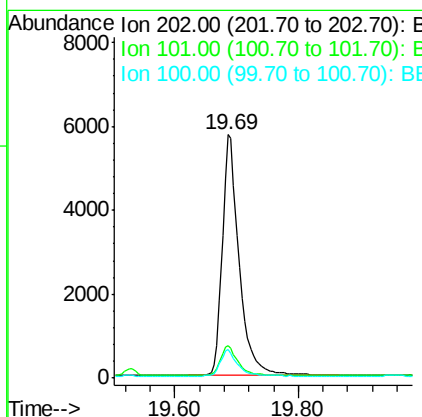
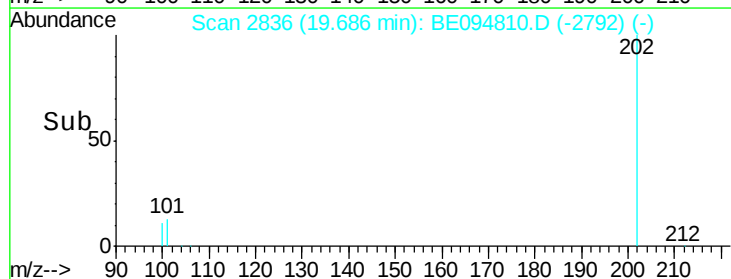
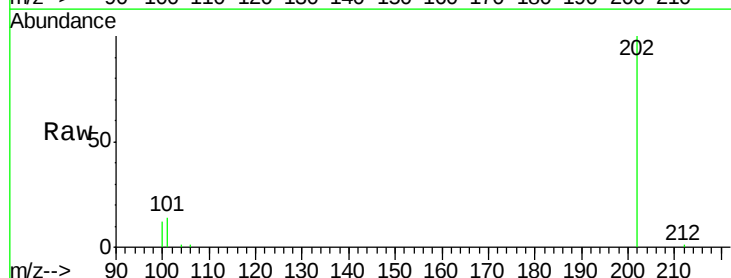
RT: 19.69 min Scan# 2836

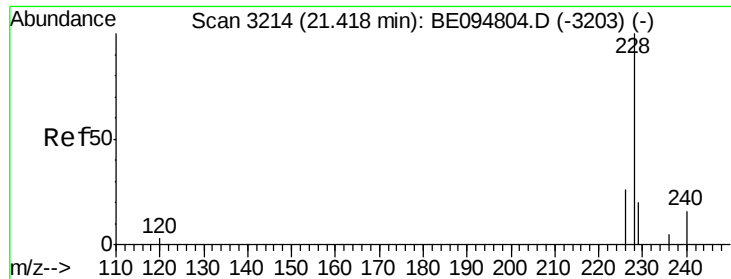
Delta R.T. 0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Tgt Ion:	202	Resp:	10977
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.9	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.36 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

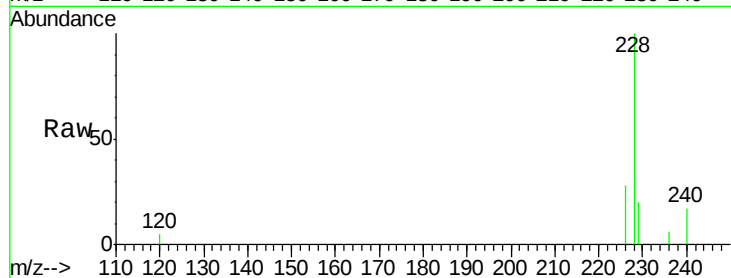
Tot Ion:228 Resp: 11034

Ion Ratio Lower Upper

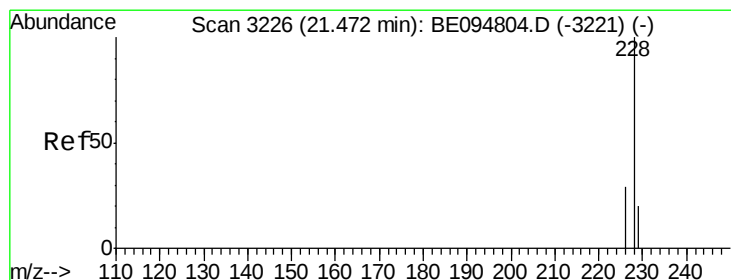
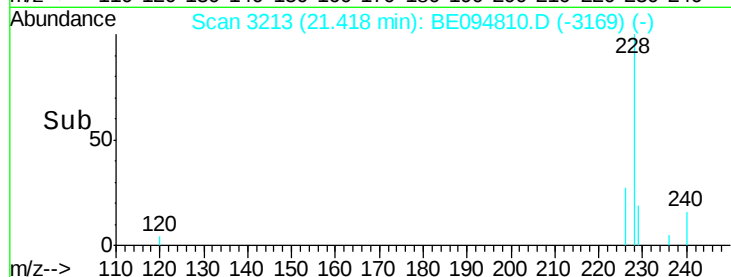
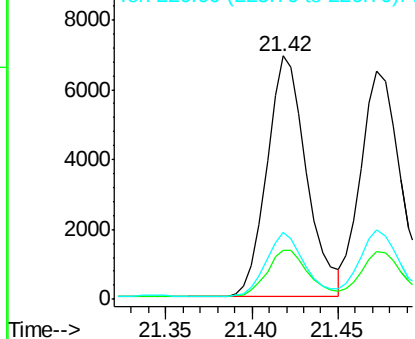
228 100

229 19.9 22.8 34.2#

226 27.6 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: 0.36 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

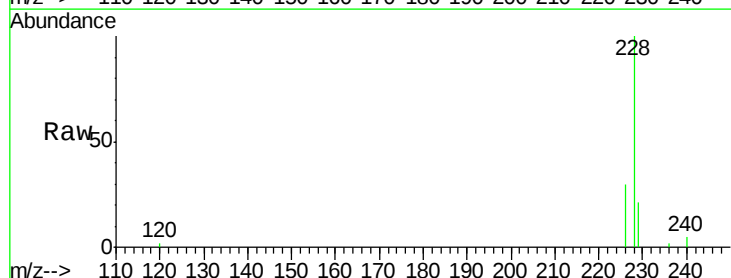
Tgt Ion:228 Resp: 10942

Ion Ratio Lower Upper

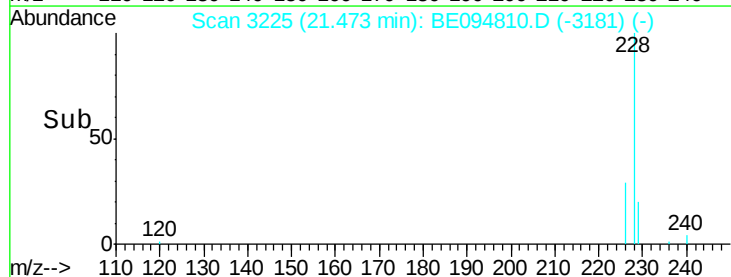
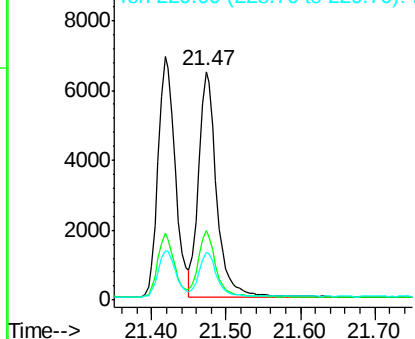
228 100

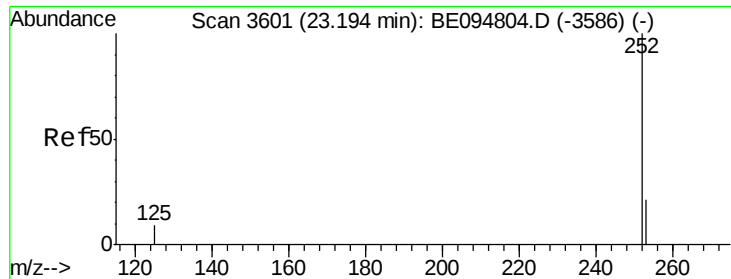
226 30.3 23.4 35.0

229 21.0 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

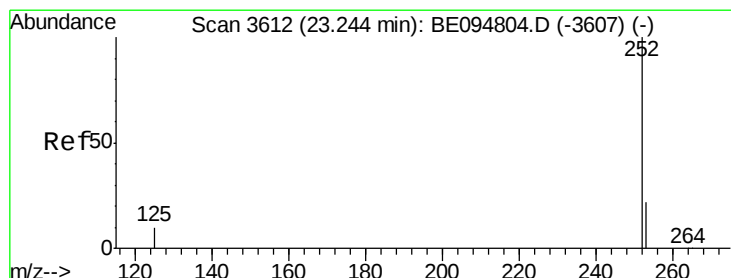
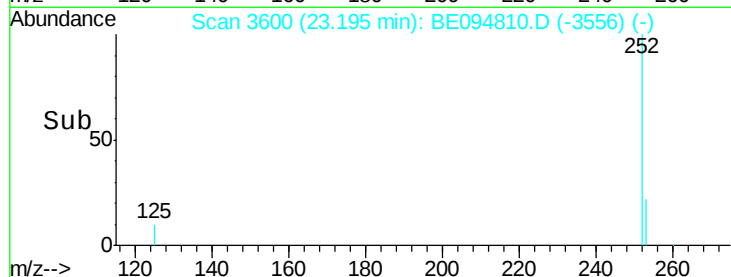
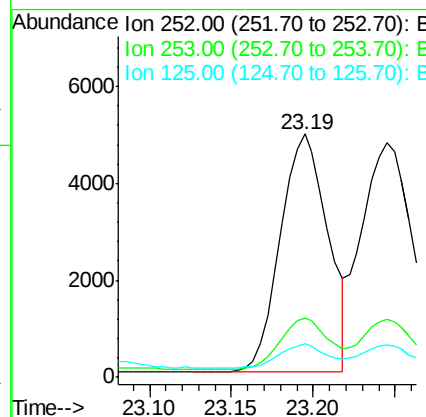
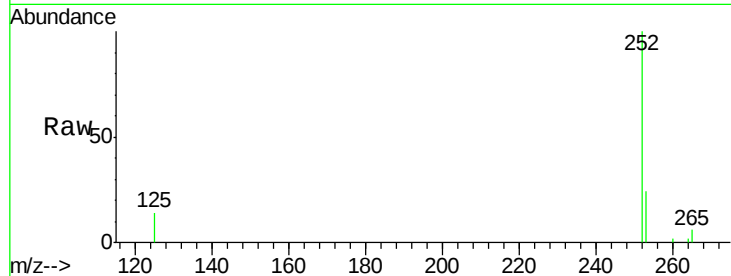




#21
Benzo(b)fluoranthene
Concen: 0.35 ng/ul
RT: 23.19 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BE094810.D
Acq: 15 Nov 2017 9:48

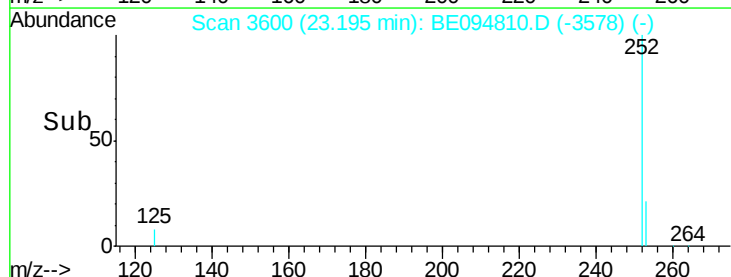
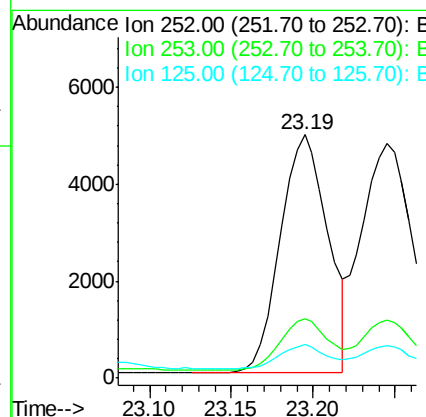
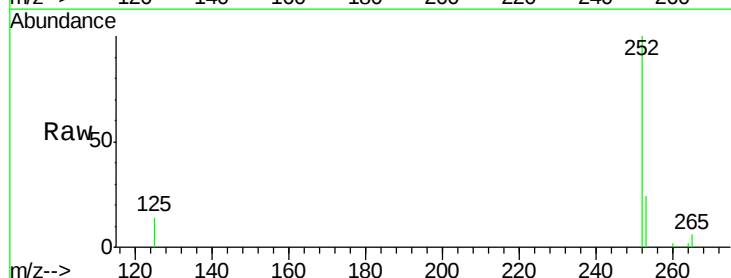
Instrument :
BNA_E
ClientSampleId :

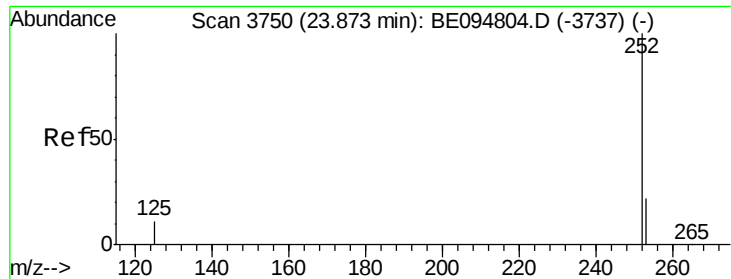
Tot Ion:252 Resp: 9902
Ion Ratio Lower Upper
252 100
253 24.5 0.0 64.2
125 13.7 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.33 ng/ul
RT: 23.19 min Scan# 3600
Delta R.T. -0.05 min
Lab File: BE094810.D
Acq: 15 Nov 2017 9:48

Tgt Ion:252 Resp: 9902
Ion Ratio Lower Upper
252 100
253 24.5 24.5 36.7
125 13.7 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.36 ng/ul

RT: 23.87 min Scan# 3748

Delta R.T. -0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

Instrument :

BNA_E

ClientSampleId :

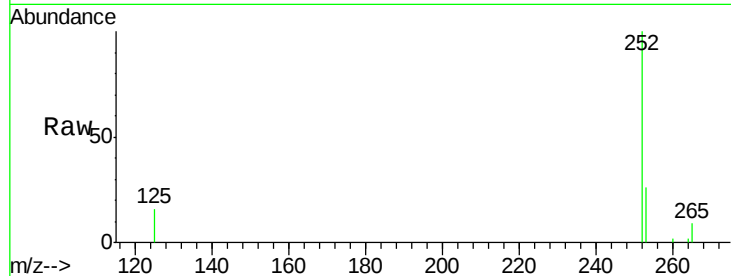
Tot Ion:252 Resp: 10016

Ion Ratio Lower Upper

252 100

253 25.7 28.5 42.7#

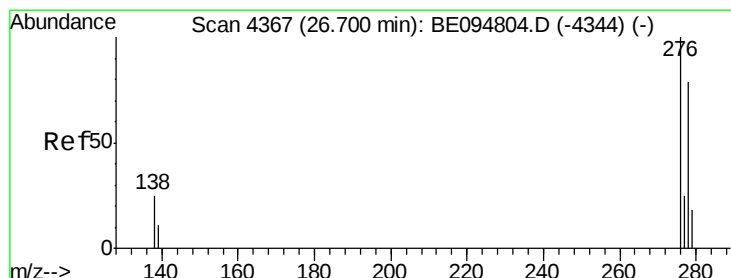
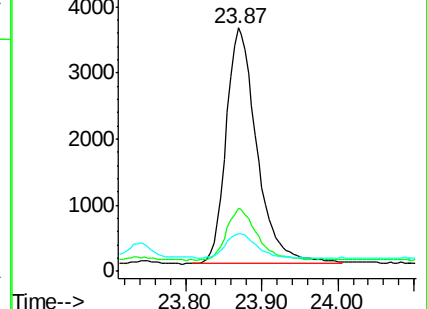
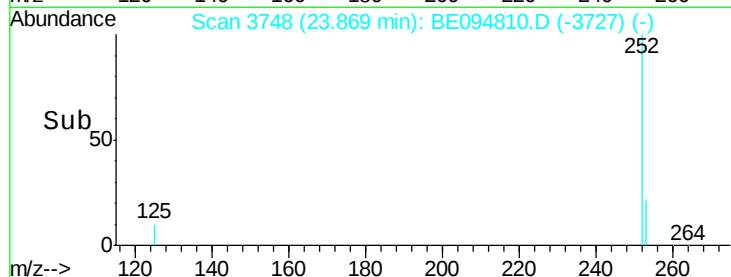
125 15.5 18.1 27.1#



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: 0.36 ng/ul

RT: 26.70 min Scan# 4365

Delta R.T. -0.00 min

Lab File: BE094810.D

Acq: 15 Nov 2017 9:48

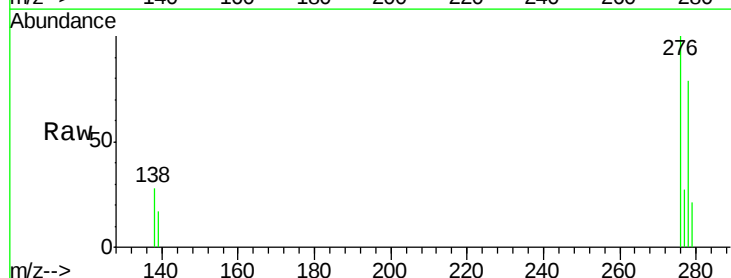
Tgt Ion:276 Resp: 10936

Ion Ratio Lower Upper

276 100

138 25.6 28.0 42.0#

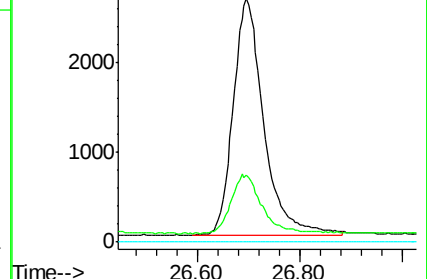
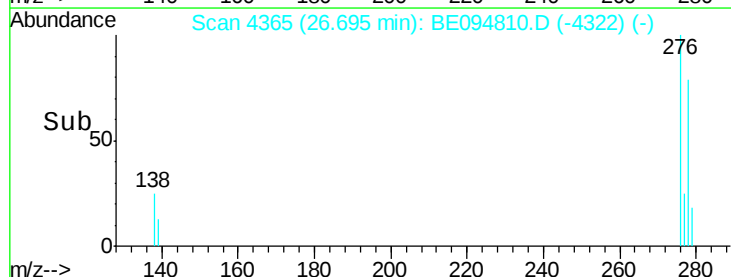
227 0.0 8.0 12.0#

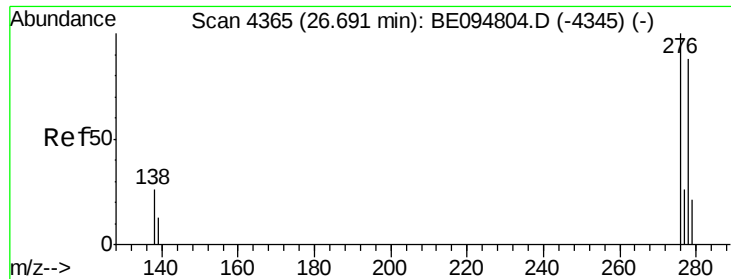


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

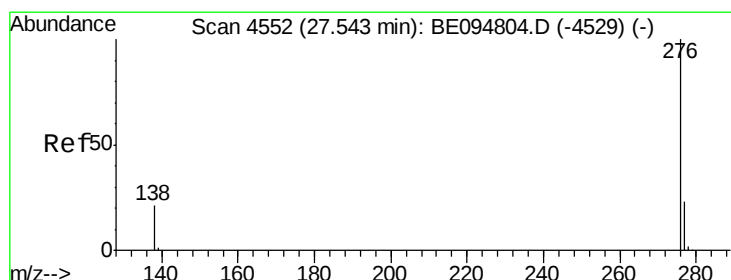
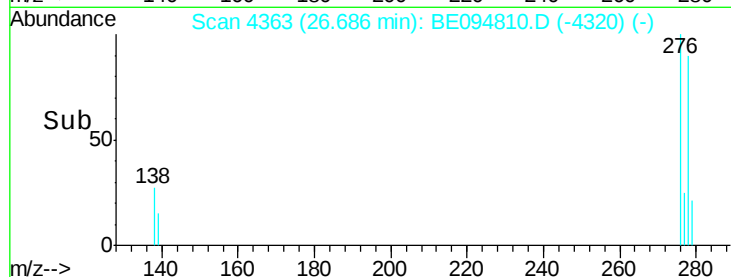
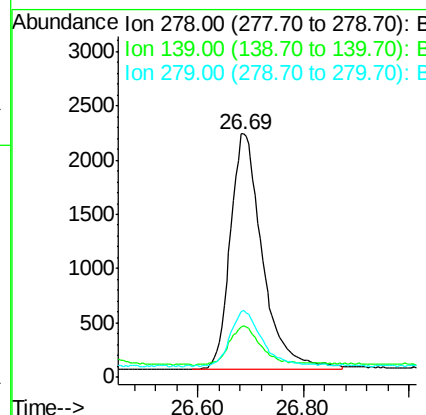
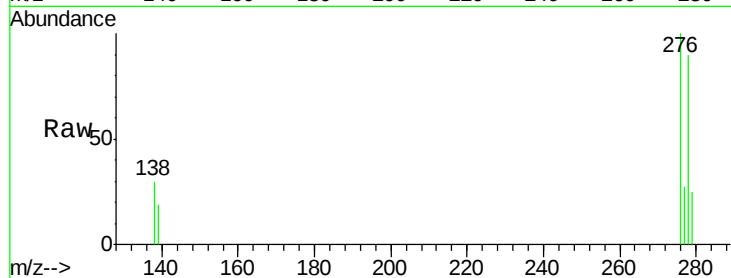




#25
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. -0.00 min
Lab File: BE094810.D
Acq: 15 Nov 2017 9:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 9193
Ion Ratio Lower Upper
278 100
139 21.0 17.4 26.0
279 27.4 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 27.54 min Scan# 4551
Delta R.T. 0.00 min
Lab File: BE094810.D
Acq: 15 Nov 2017 9:48

Tgt Ion:276 Resp: 9140
Ion Ratio Lower Upper
276 100
138 24.8 21.8 32.8
277 26.8 20.5 30.7

