

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094861.D
 Acq On : 23 Nov 2017 8:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 23:16:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 23:11:00 2017
 Response via : Initial Calibration

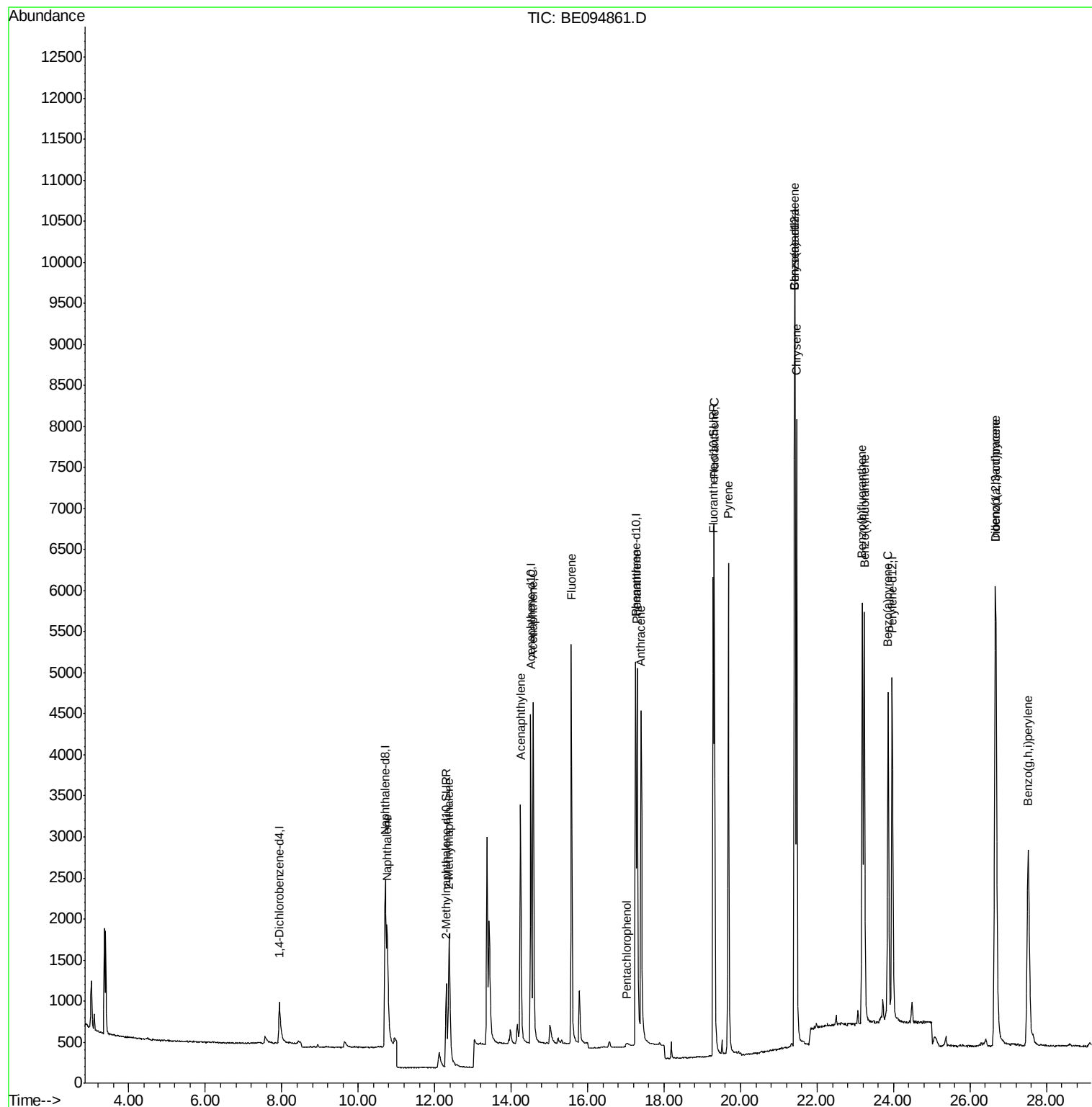
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	579	0.40	ng/ul	0.02
2) Naphthalene-d8	10.71	136	3958	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.51	164	2834	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7182	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7616	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	7312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	2588	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	8288	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	3370	0.36	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	2611	0.40	ng/ul	99
7) Acenaphthylene	14.24	152	4564	0.35	ng/ul	99
8) Acenaphthene	14.57	153	3318	0.36	ng/ul	96
9) Fluorene	15.57	166	3983	0.36	ng/ul	91
11) Pentachlorophenol	17.01	266	140	0.37	ng/ul	93
12) Phenanthrene	17.29	178	6887	0.36	ng/ul#	87
13) Anthracene	17.39	178	6939	0.35	ng/ul#	92
15) Fluoranthene	19.31	202	8473	0.33	ng/ul	84
17) Pyrene	19.68	202	8854	0.37	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	8464	0.37	ng/ul#	86
19) Chrysene	21.46	228	8471	0.37	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	8070	0.37	ng/ul	87
22) Benzo(k)fluoranthene	23.23	252	8352	0.36	ng/ul#	88
23) Benzo(a)pyrene	23.86	252	7979	0.37	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.68	276	8860	0.38	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.66	278	7339	0.37	ng/ul	91
26) Benzo(g,h,i)perylene	27.52	276	7411	0.37	ng/ul	95

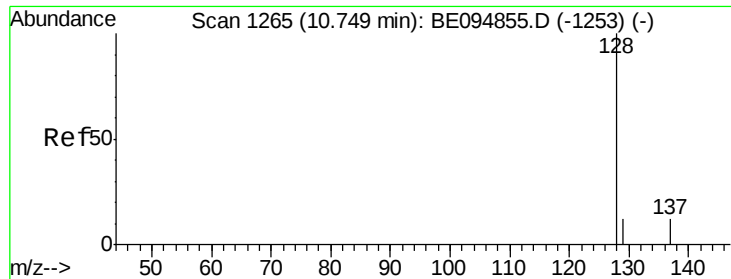
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampleId :

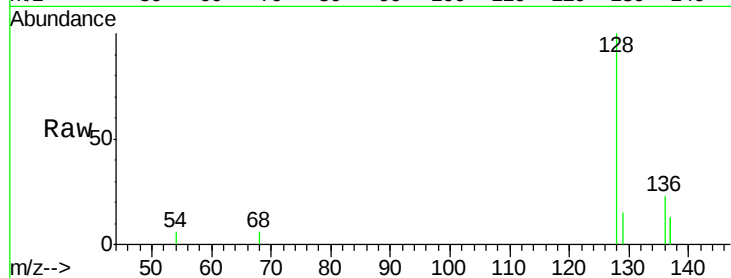
Tot Ion:128 Resp: 3370

Ion Ratio Lower Upper

128 100

129 15.4 11.3 16.9

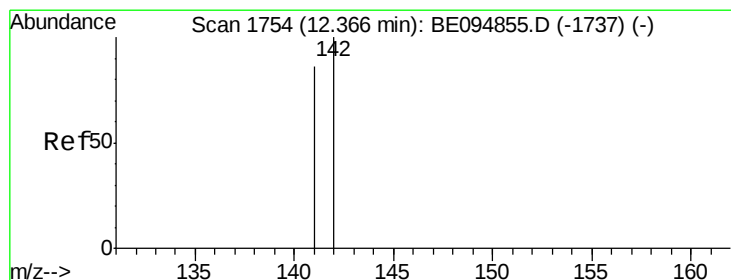
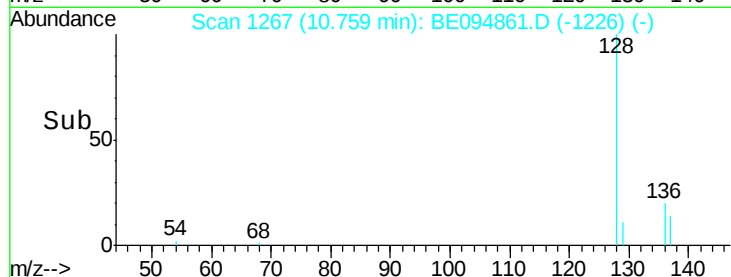
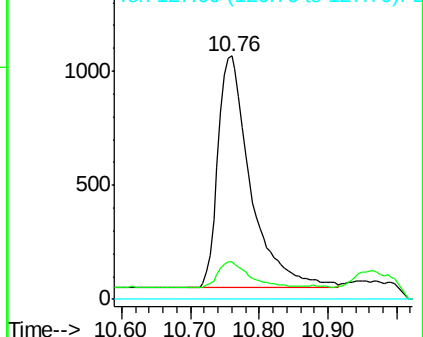
127 0.0 4.0 6.0#



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: 0.40 ng/ul

RT: 12.37 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BE094861.D

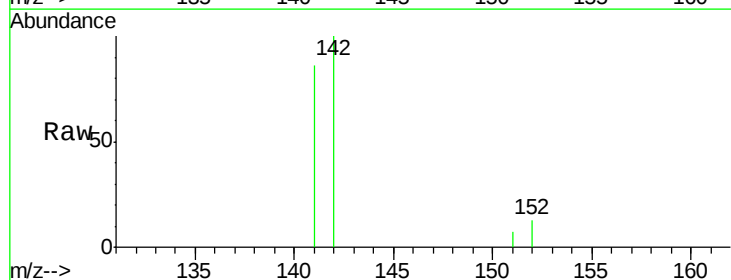
Acq: 23 Nov 2017 8:26

Tgt Ion:142 Resp: 2611

Ion Ratio Lower Upper

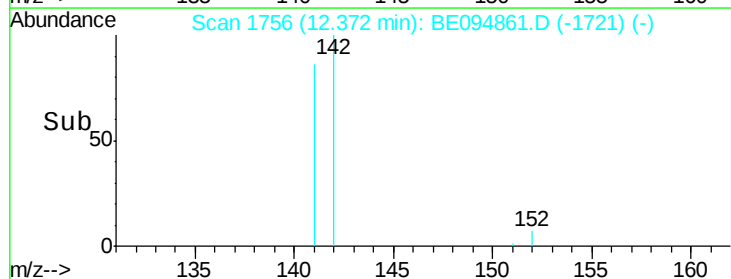
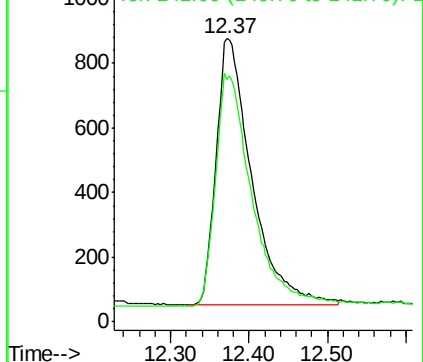
142 100

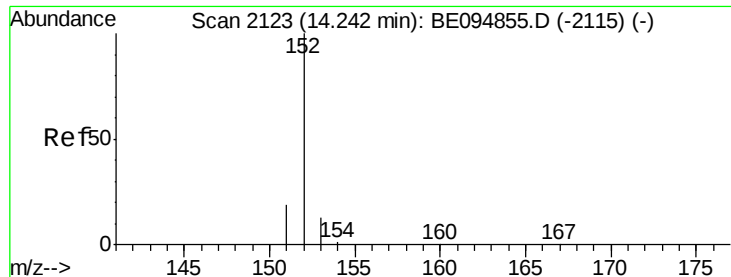
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.35 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampleId :

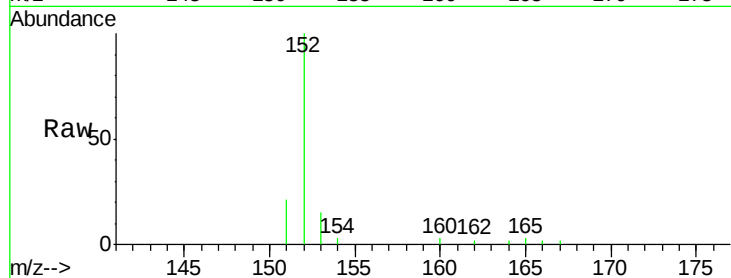
Tot Ion:152 Resp: 4564

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

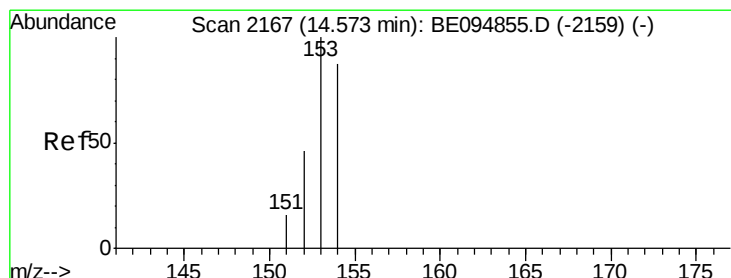
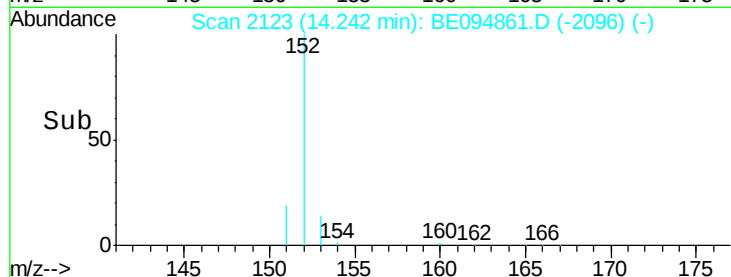
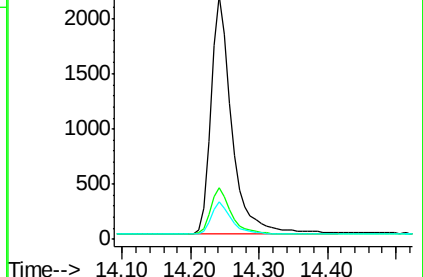
153 15.5 12.8 19.2



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: 0.36 ng/ul

RT: 14.57 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

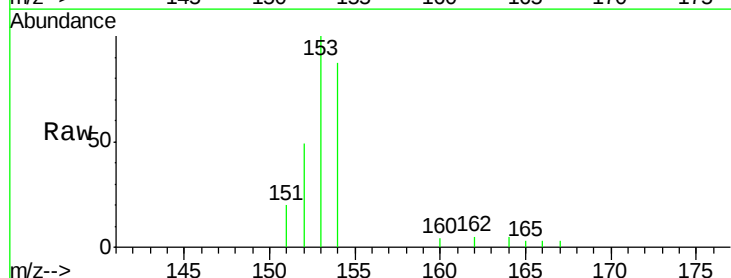
Tgt Ion:153 Resp: 3318

Ion Ratio Lower Upper

153 100

152 48.6 36.0 54.0

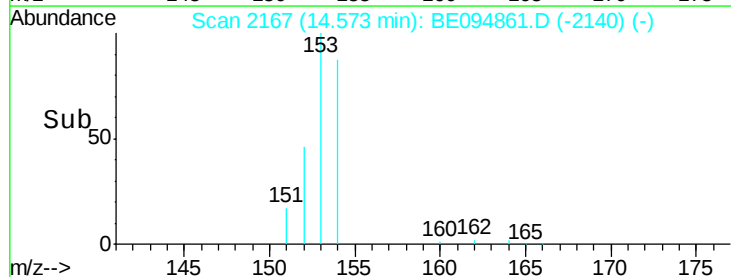
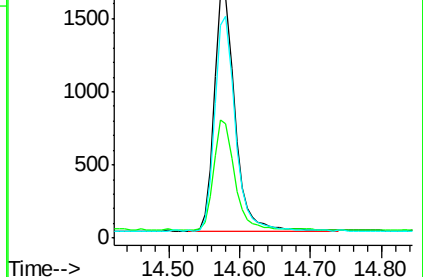
154 87.4 72.0 108.0

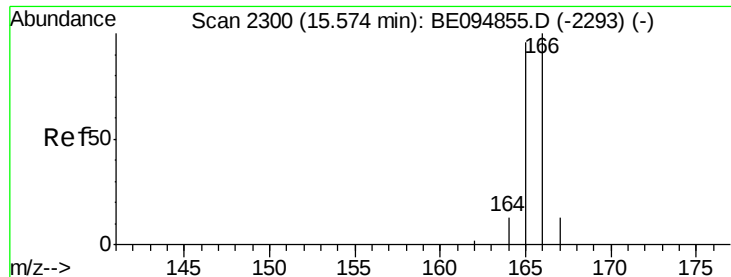


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.36 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampleId :

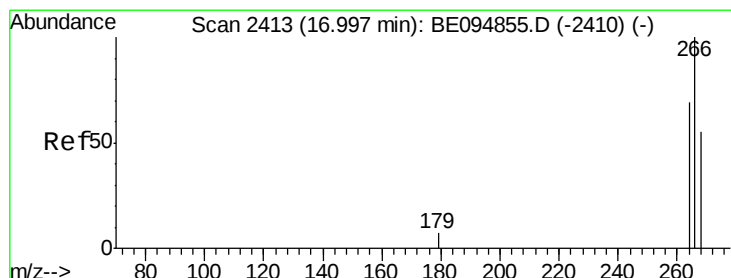
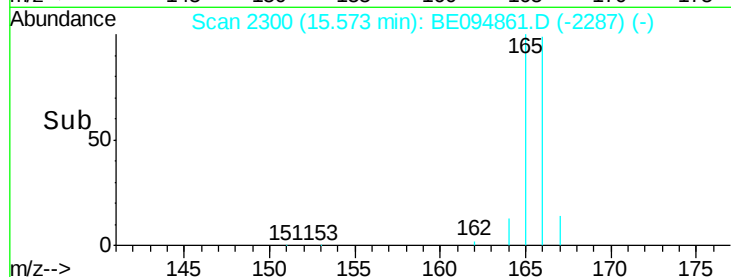
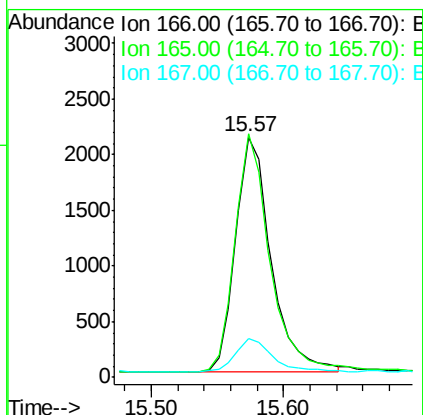
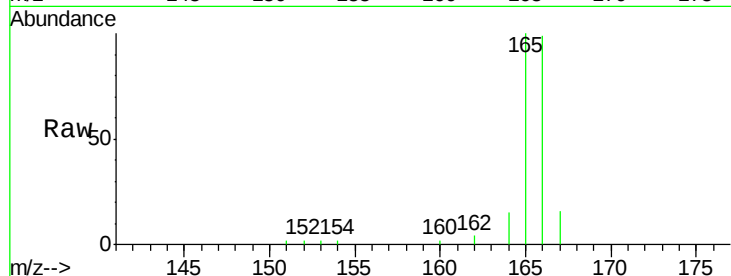
Tot Ion:166 Resp: 3983

Ion Ratio Lower Upper

166 100

165 101.3 73.4 110.2

167 16.0 14.6 22.0



#11

Pentachlorophenol

Concen: 0.37 ng/ul

RT: 17.01 min Scan# 2414

Delta R.T. 0.02 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

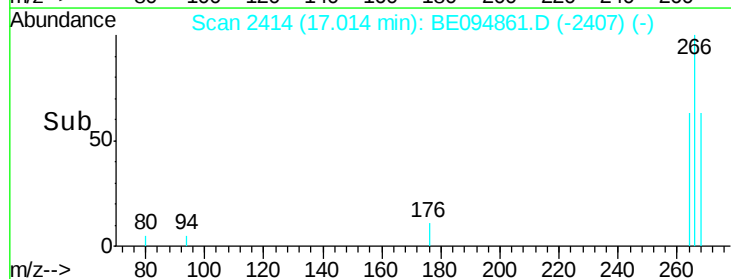
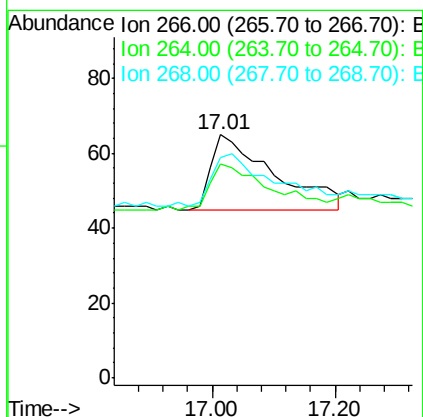
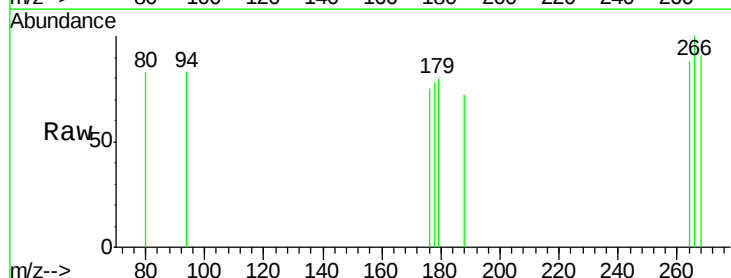
Tgt Ion:266 Resp: 140

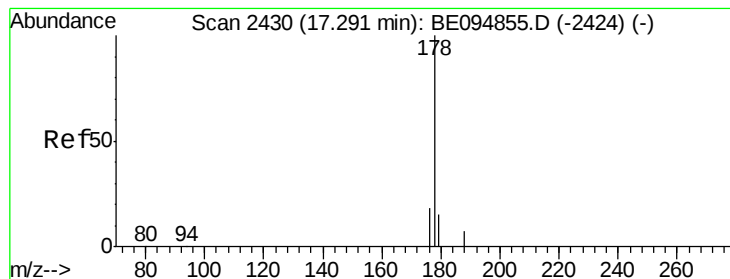
Ion Ratio Lower Upper

266 100

264 57.9 47.9 71.9

268 71.4 49.8 74.8





#12

Phenanthrene

Concen: 0.36 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampleId :

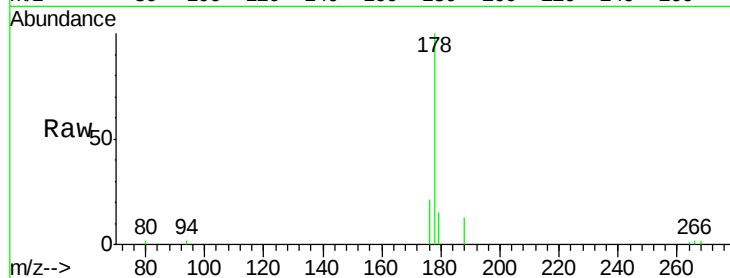
Tot Ion:178 Resp: 6887

Ion Ratio Lower Upper

178 100

179 15.2 18.4 27.6#

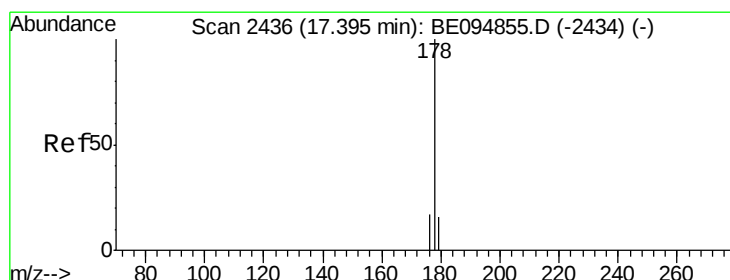
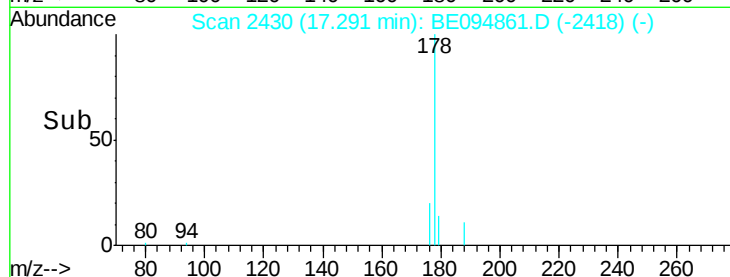
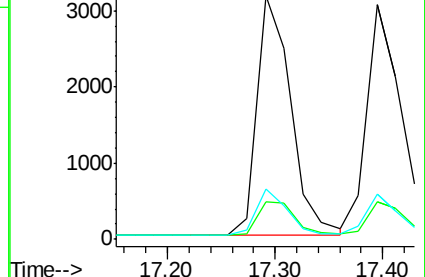
176 20.7 13.6 20.4#



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: 17.39 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

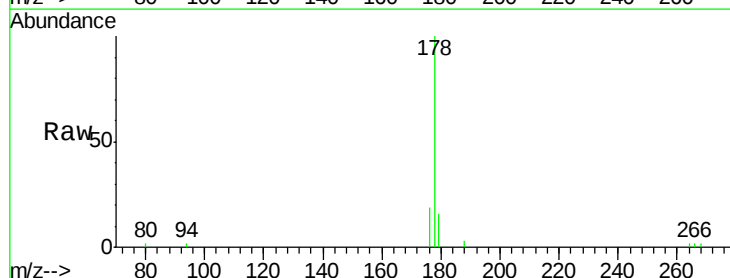
Tgt Ion:178 Resp: 6939

Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

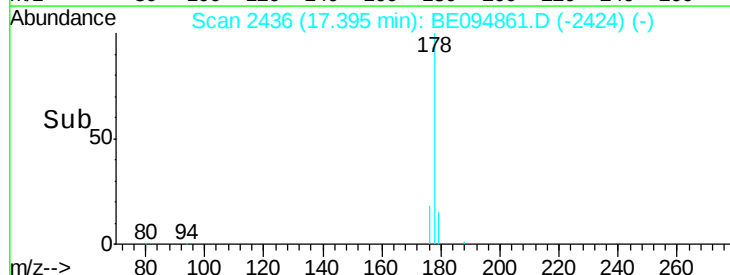
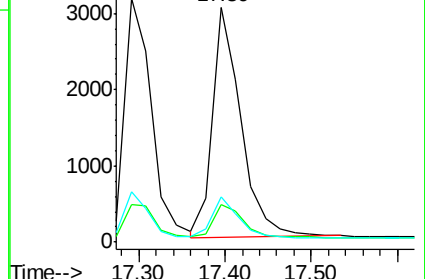
176 19.4 14.7 22.1

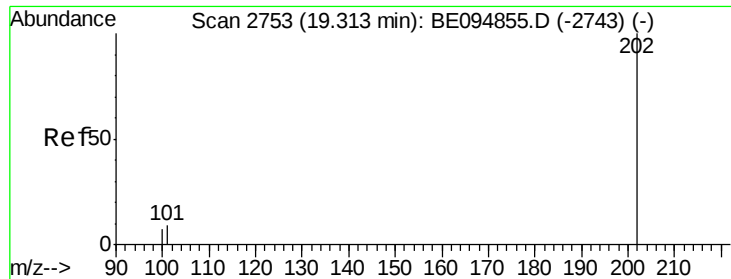


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

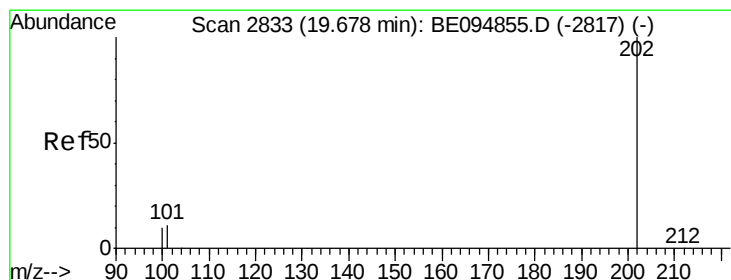
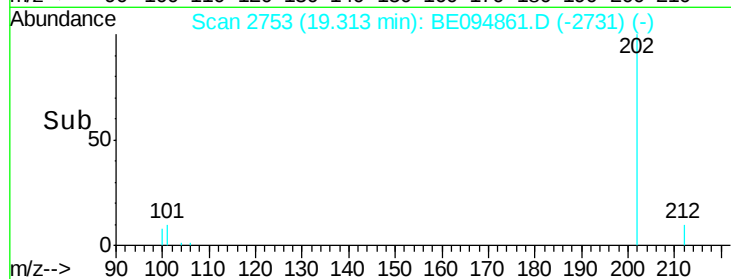
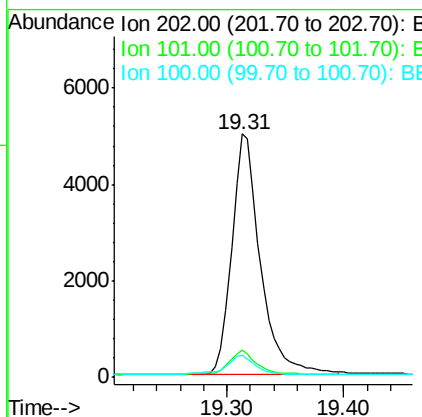
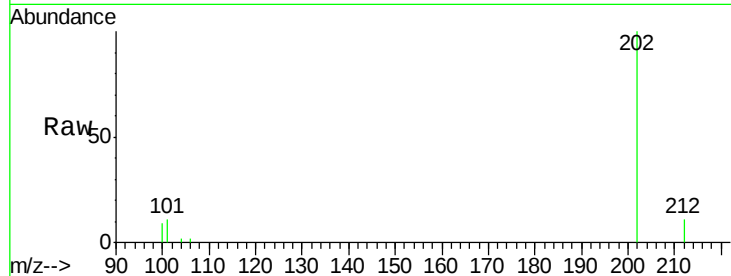




#15
 Fluoranthene
 Concen: 0.33 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094861.D
 Acq: 23 Nov 2017 8:26

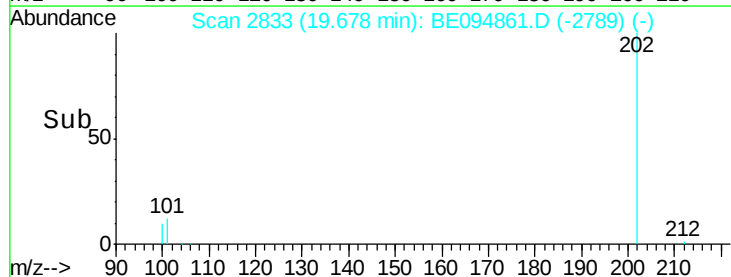
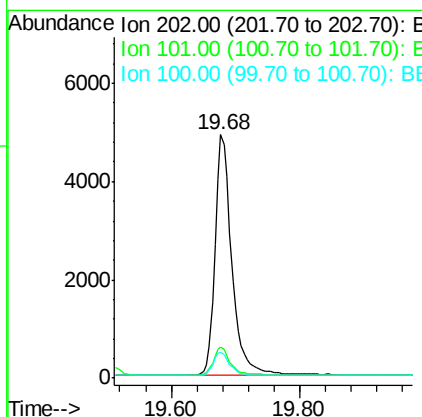
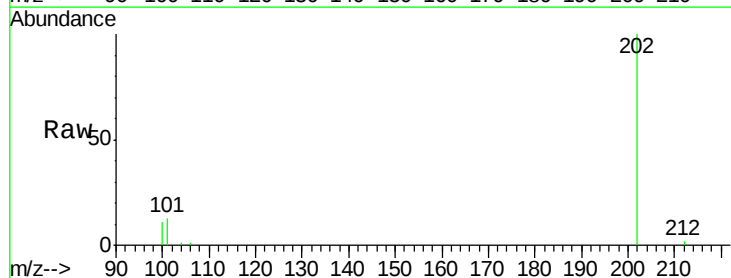
Instrument :
 BNA_E
 ClientSampleId :

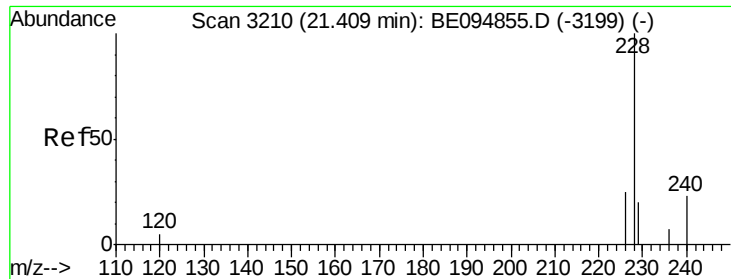
Tot Ion:202 Resp: 8473
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 100 8.9 0.0 39.5



#17
 Pyrene
 Concen: 0.37 ng/ul
 RT: 19.68 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094861.D
 Acq: 23 Nov 2017 8:26

Tgt Ion:202 Resp: 8854
 Ion Ratio Lower Upper
 202 100
 101 12.6 18.2 27.4#
 100 10.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampleId :

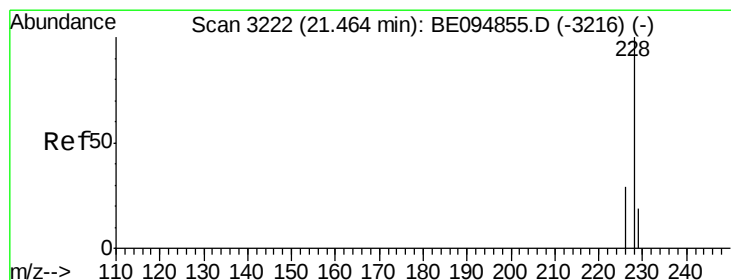
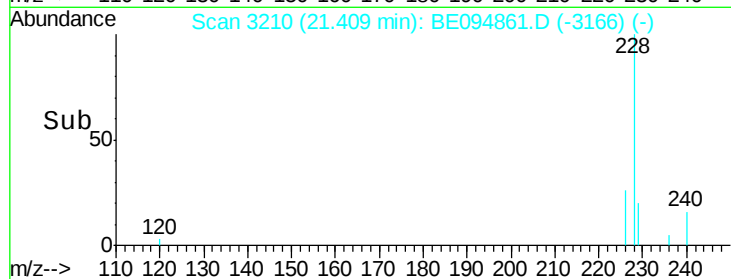
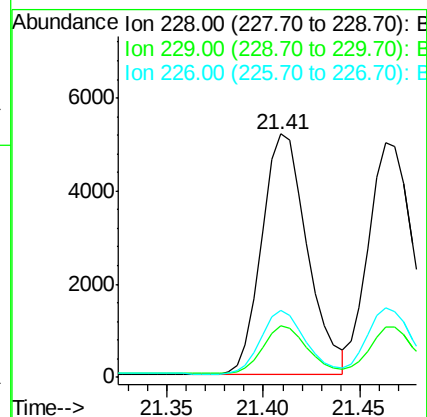
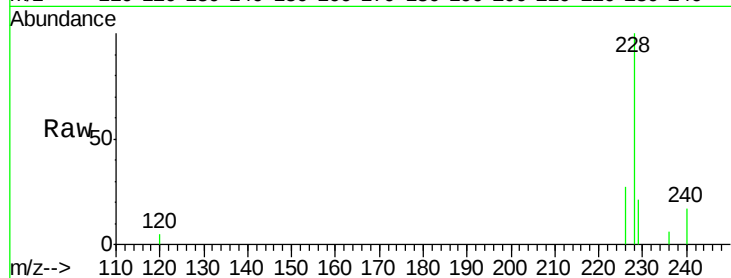
Tot Ion:228 Resp: 8464

Ion Ratio Lower Upper

228 100

229 20.9 22.8 34.2#

226 27.3 17.0 25.6#



#19

Chrysene

Concen: 0.37 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

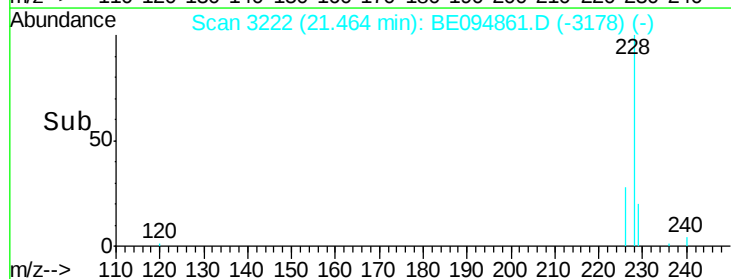
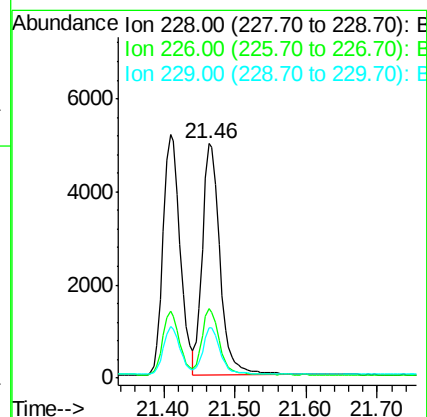
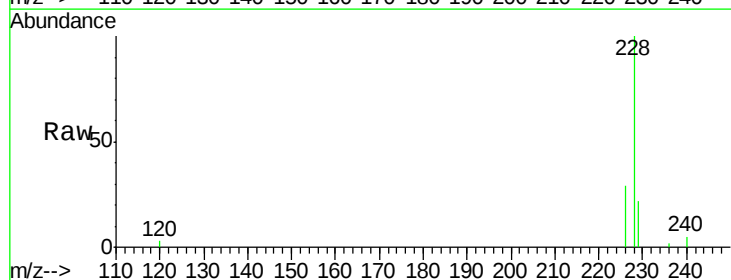
Tgt Ion:228 Resp: 8471

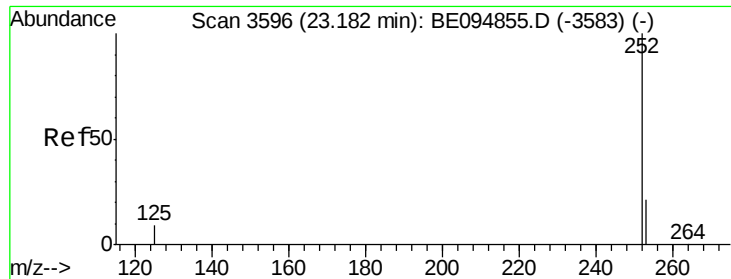
Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

229 21.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampled :

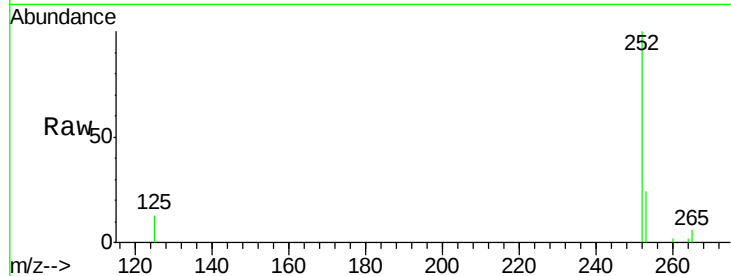
Tot Ion:252 Resp: 8070

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

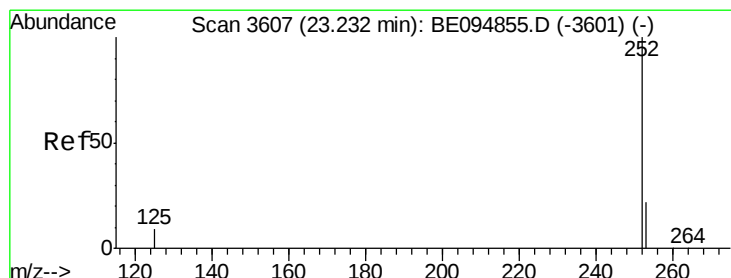
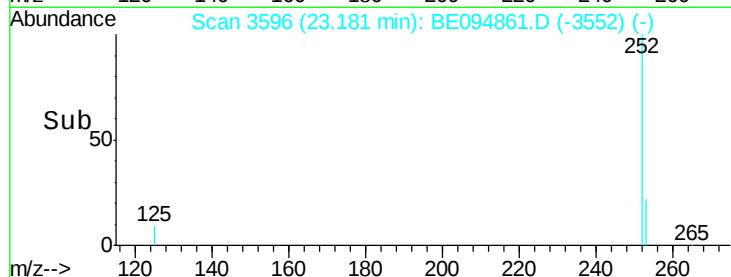
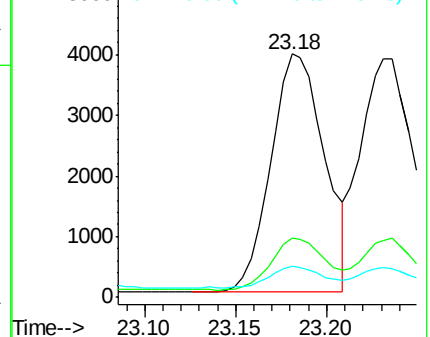
125 12.7 0.0 35.0



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: 0.36 ng/ul

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

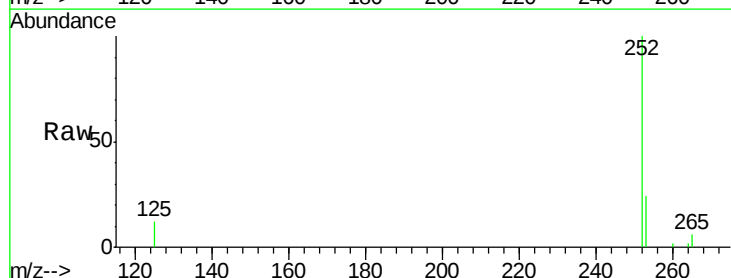
Tgt Ion:252 Resp: 8352

Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

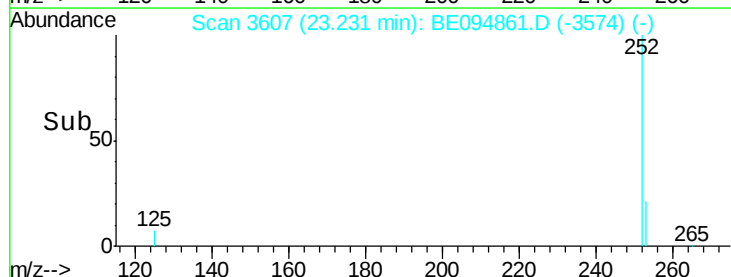
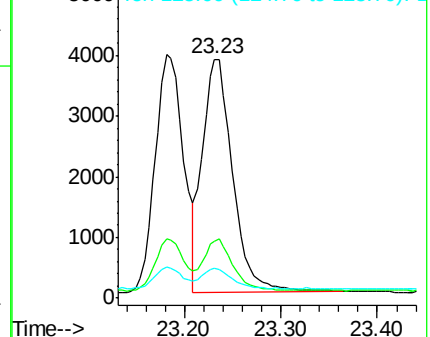
125 12.4 13.7 20.5#

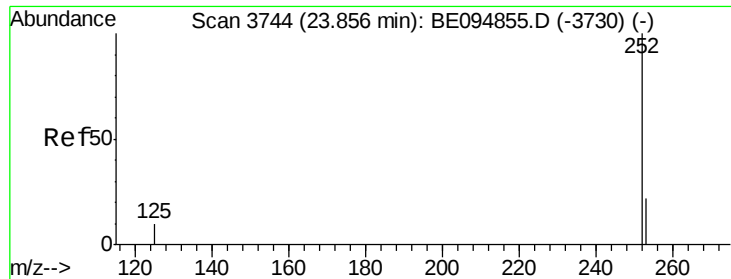


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

Instrument :

BNA_E

ClientSampleId :

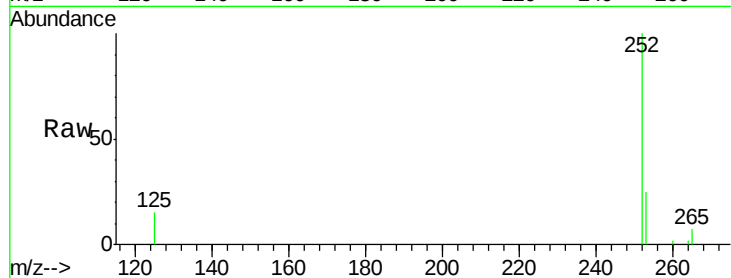
Tot Ion:252 Resp: 7979

Ion Ratio Lower Upper

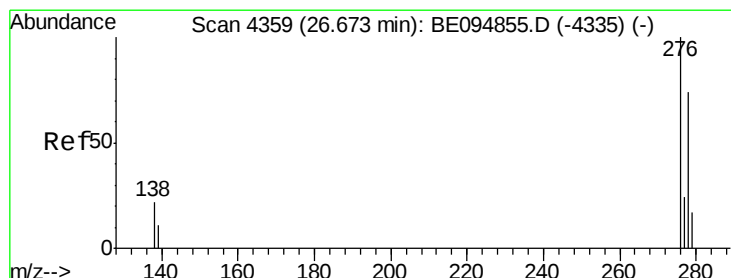
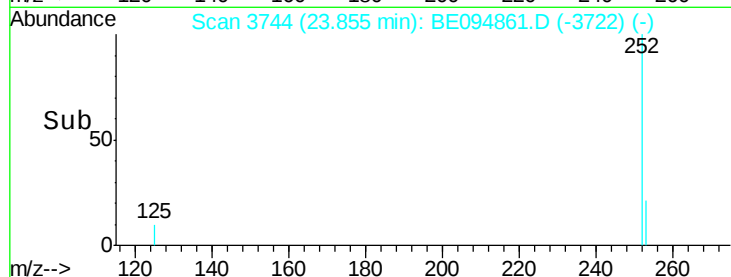
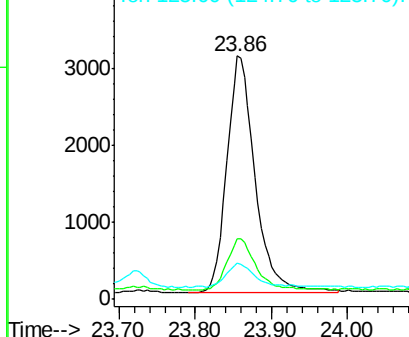
252 100

253 24.7 28.5 42.7#

125 14.6 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: 0.38 ng/ul

RT: 26.68 min Scan# 4360

Delta R.T. 0.00 min

Lab File: BE094861.D

Acq: 23 Nov 2017 8:26

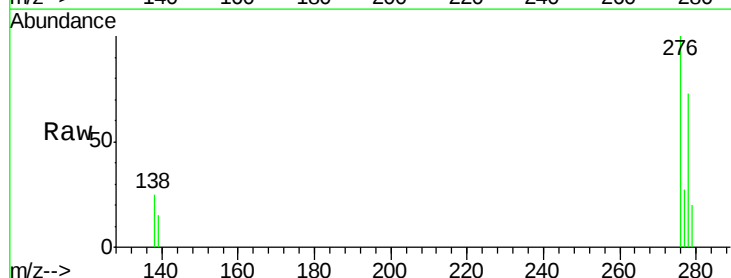
Tgt Ion:276 Resp: 8860

Ion Ratio Lower Upper

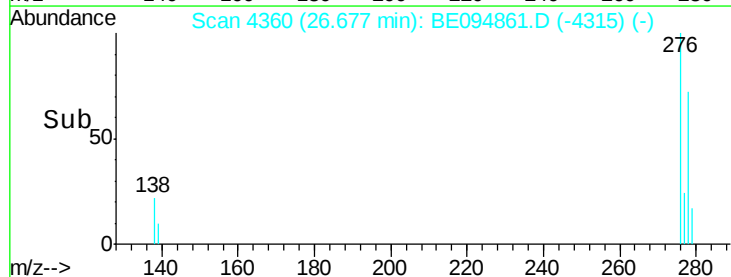
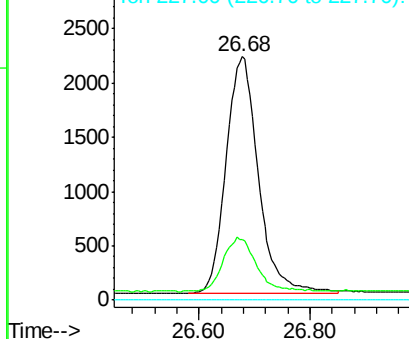
276 100

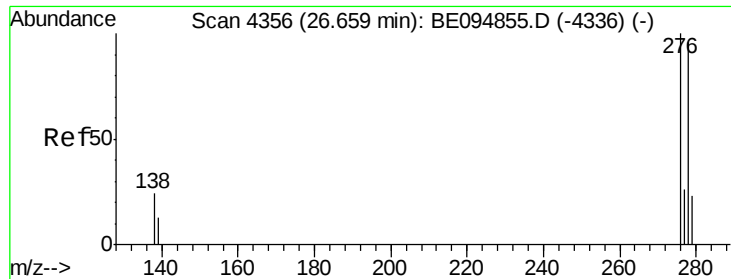
138 22.9 28.0 42.0#

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

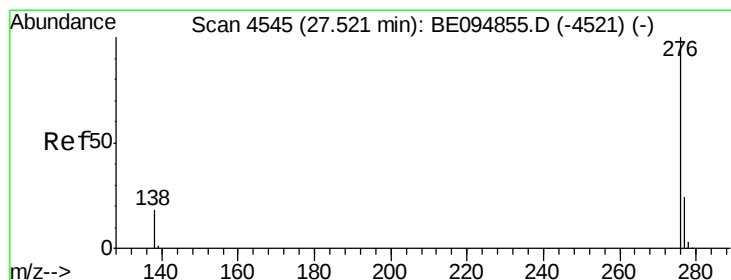
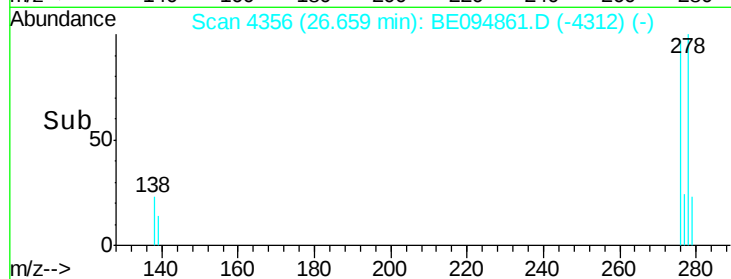
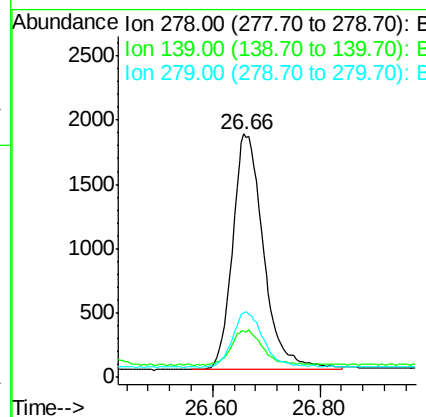
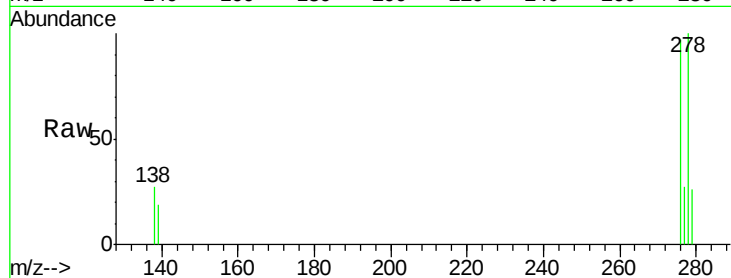




#25
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.00 min
Lab File: BE094861.D
Acq: 23 Nov 2017 8:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7339
Ion Ratio Lower Upper
278 100
139 19.2 17.4 26.0
279 26.4 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 27.52 min Scan# 4545
Delta R.T. -0.00 min
Lab File: BE094861.D
Acq: 23 Nov 2017 8:26

Tgt Ion:276 Resp: 7411
Ion Ratio Lower Upper
276 100
138 23.2 21.8 32.8
277 26.7 20.5 30.7

