

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094568.D
 Acq On : 26 Oct 2017 18:39
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:41:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

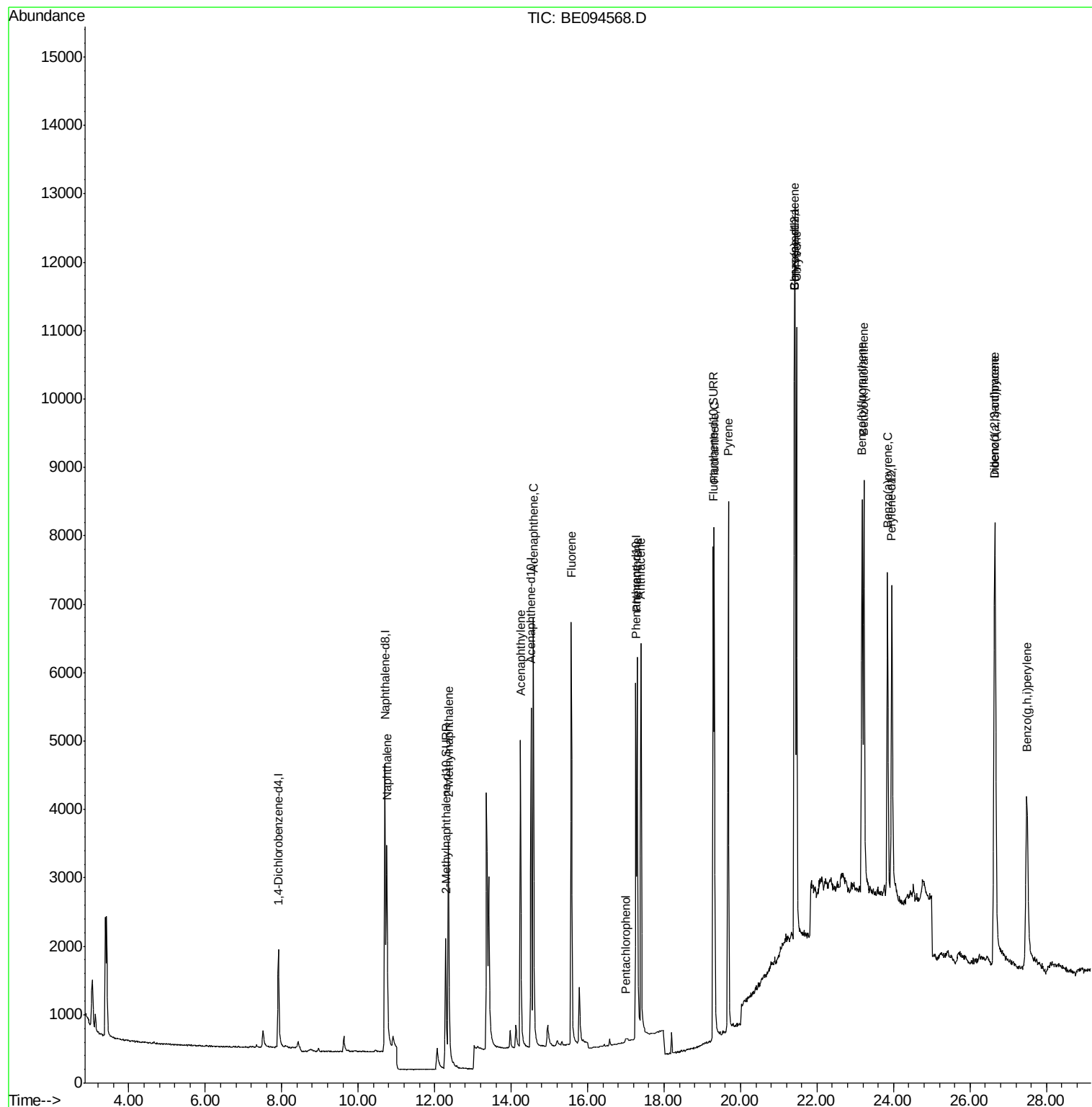
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1042	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6135	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3480	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7870	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7751	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	7607	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3907	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	9500	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5916	0.394	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4053	0.386	ng/ul	99
7) Acenaphthylene	14.24	152	6286	0.399	ng/ul	97
8) Acenaphthene	14.58	153	4471	0.395	ng/ul	97
9) Fluorene	15.57	166	5039	0.397	ng/ul	93
11) Pentachlorophenol	17.00	266	163	0.415	ng/ul	90
12) Phenanthrene	17.29	178	7999	0.385	ng/ul#	87
13) Anthracene	17.40	178	8221	0.401	ng/ul#	94
15) Fluoranthene	19.32	202	9578	0.399	ng/ul	84
17) Pyrene	19.68	202	10379	0.433	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	9286	0.419	ng/ul#	88
19) Chrysene	21.46	228	9094	0.397	ng/ul	92
21) Benzo(b)fluoranthene	23.18	252	8527	0.398	ng/ul	90
22) Benzo(k)fluoranthene	23.23	252	9254	0.404	ng/ul#	89
23) Benzo(a)pyrene	23.84	252	8776	0.410	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.65	276	9355	0.423	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.65	278	7937	0.426	ng/ul#	90
26) Benzo(g,h,i)perylene	27.49	276	7428	0.418	ng/ul#	82

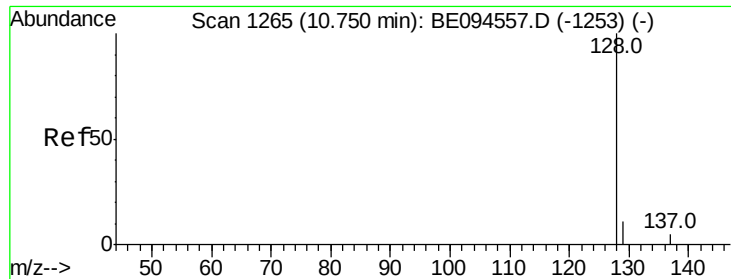
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

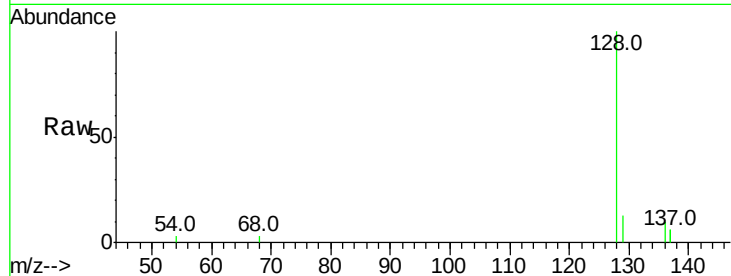
Tot Ion:128 Resp: 5916

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

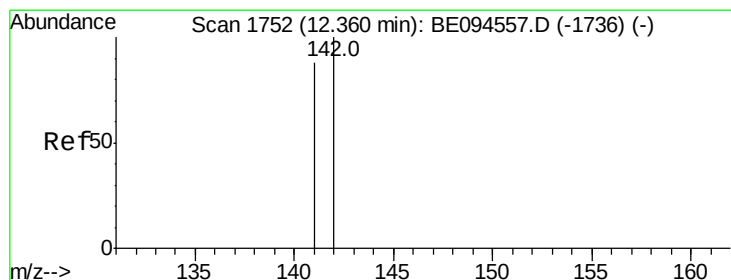
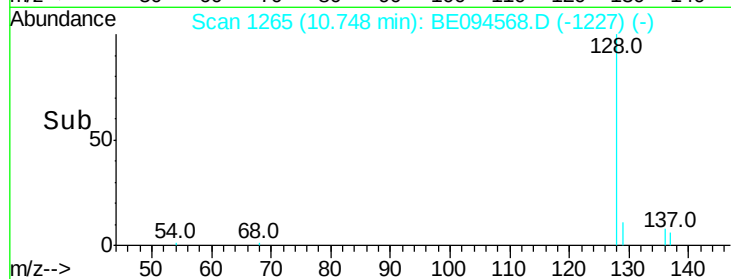
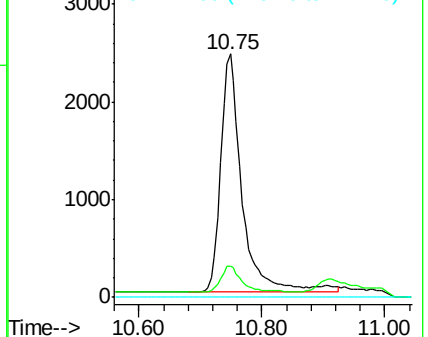
127 0.0 4.0 6.0#



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: 0.386 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE094568.D

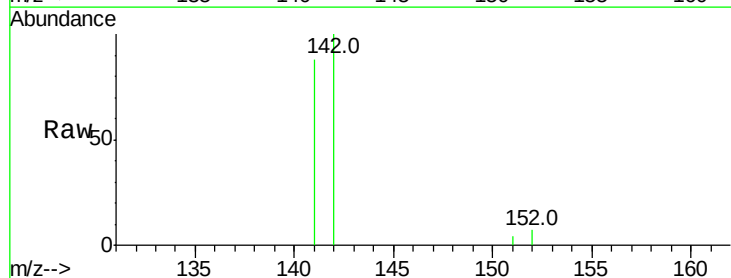
Acq: 26 Oct 2017 18:39

Tgt Ion:142 Resp: 4053

Ion Ratio Lower Upper

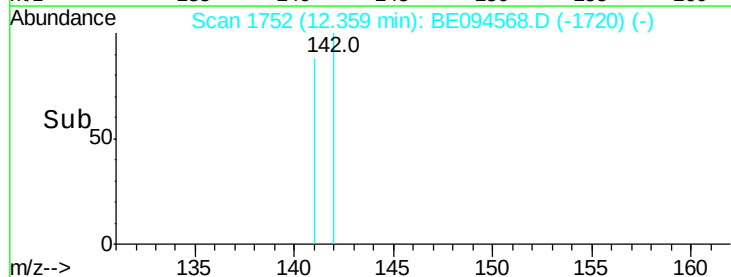
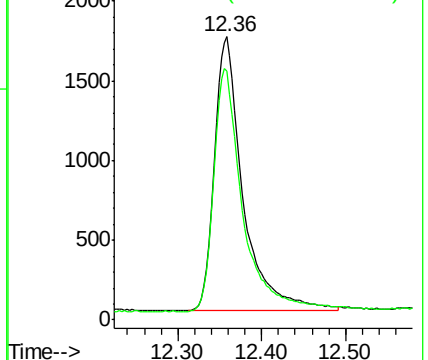
142 100

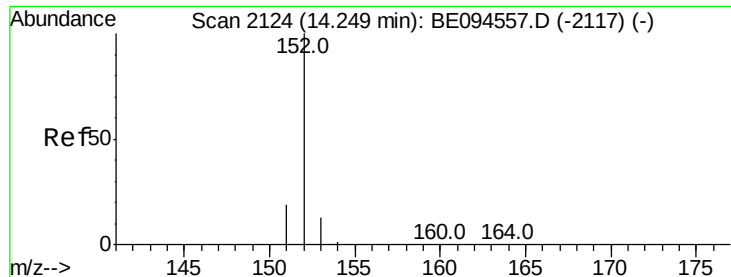
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

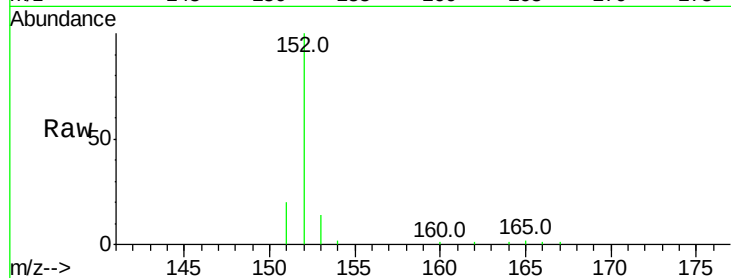
Tot Ion:152 Resp: 6286

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

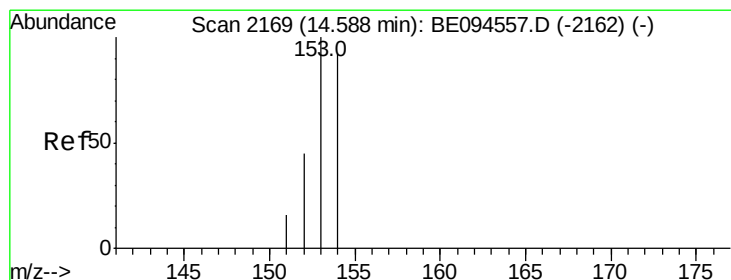
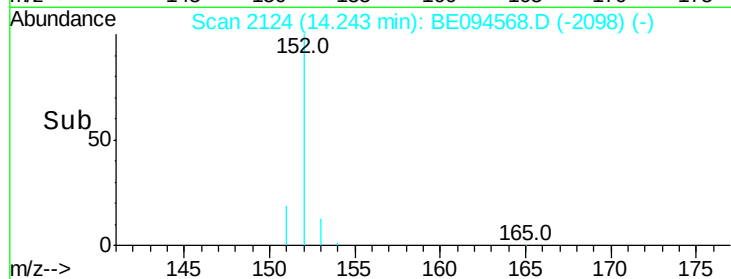
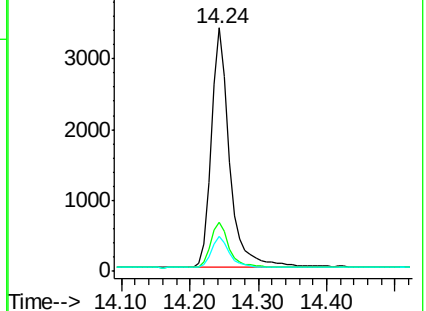
153 14.3 12.8 19.2



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



#8

Acenaphthene

Concen: 0.395 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

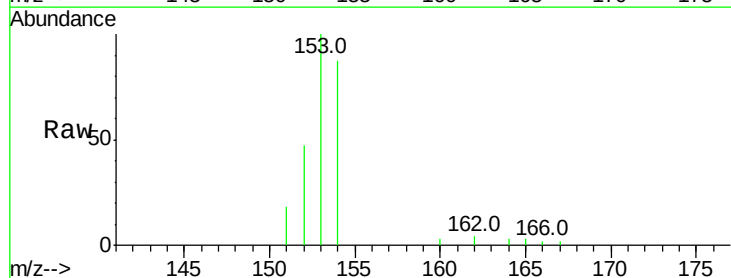
Tgt Ion:153 Resp: 4471

Ion Ratio Lower Upper

153 100

152 46.6 36.0 54.0

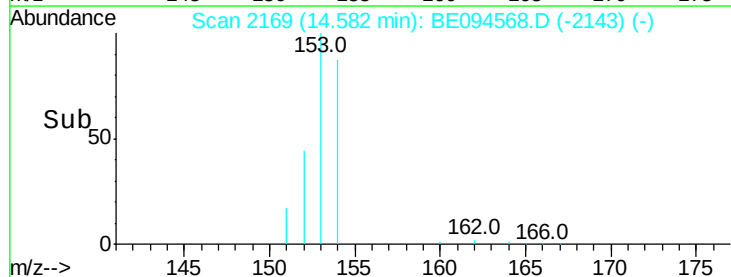
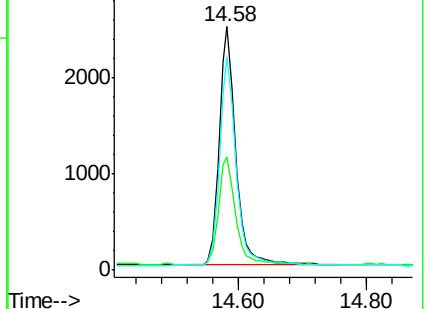
154 87.3 72.0 108.0

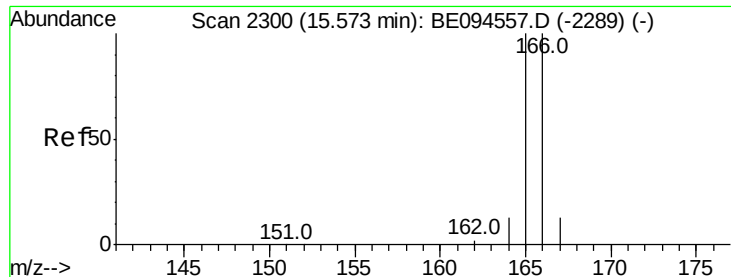


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

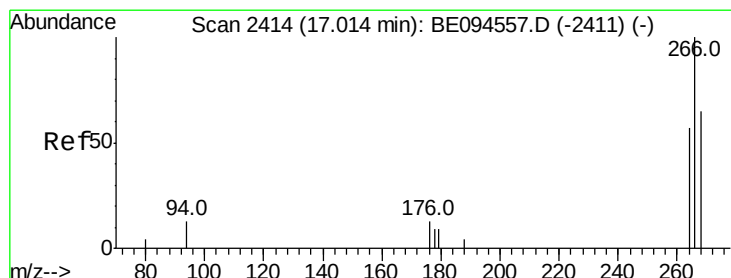
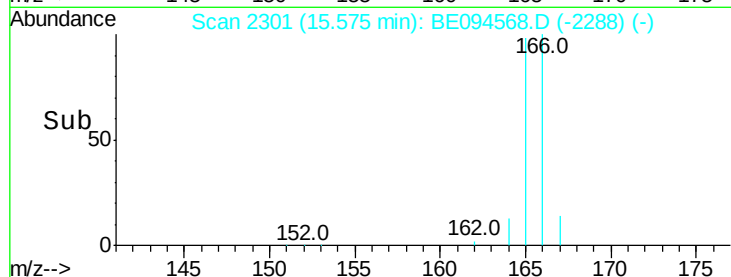
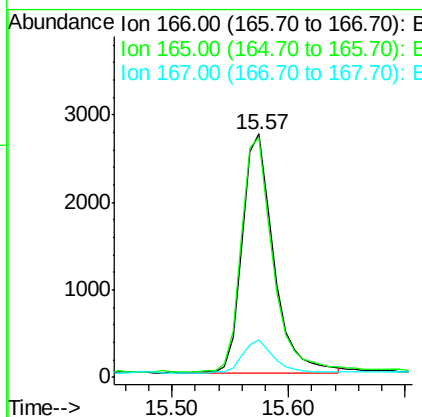
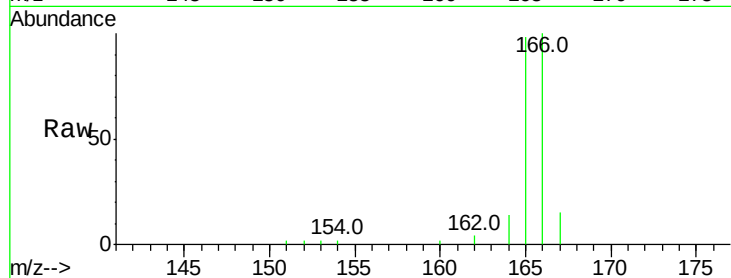




#9
Fluorene
 Concen: 0.397 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BE094568.D
 Acq: 26 Oct 2017 18:39

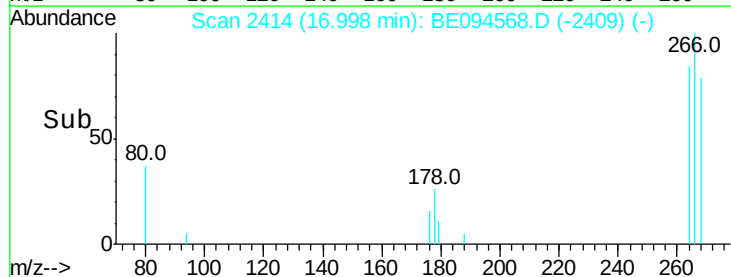
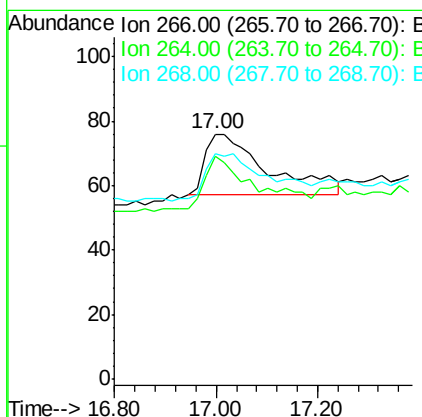
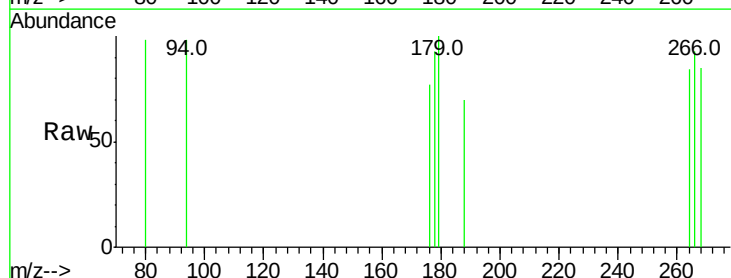
Instrument :
 BNA_E
 ClientSampleId :

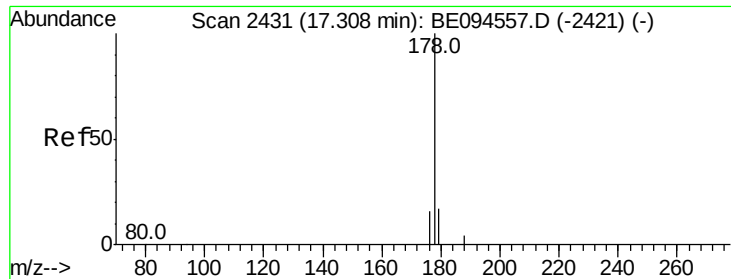
Tot Ion:166 Resp: 5039
 Ion Ratio Lower Upper
 166 100
 165 98.5 73.4 110.2
 167 15.3 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.415 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BE094568.D
 Acq: 26 Oct 2017 18:39

Tgt Ion:266 Resp: 163
 Ion Ratio Lower Upper
 266 100
 264 67.5 47.9 71.9
 268 70.6 49.8 74.8





#12

Phenanthrene

Concen: 0.385 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

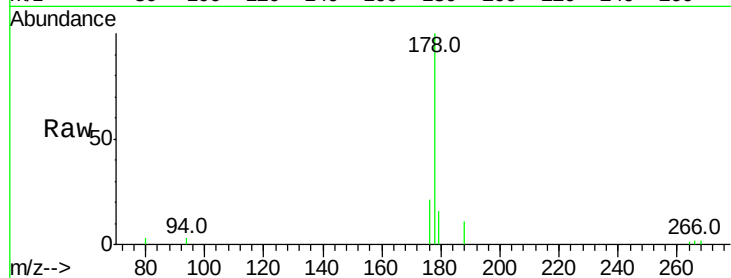
Tot Ion:178 Resp: 7999

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

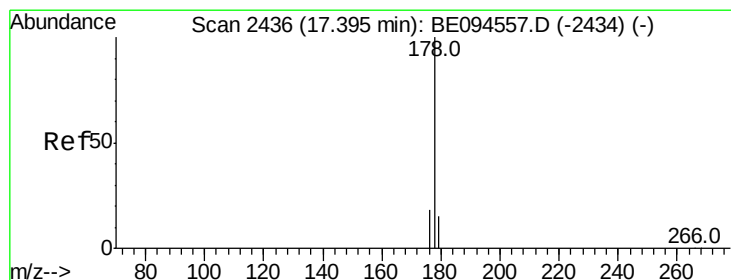
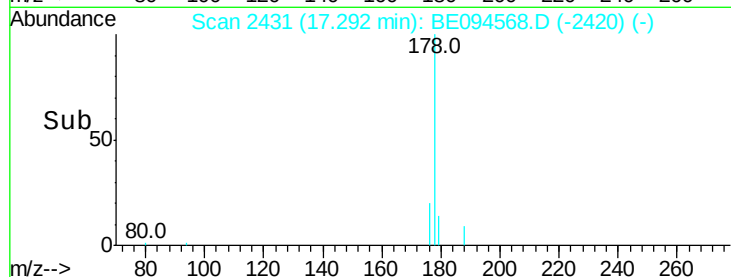
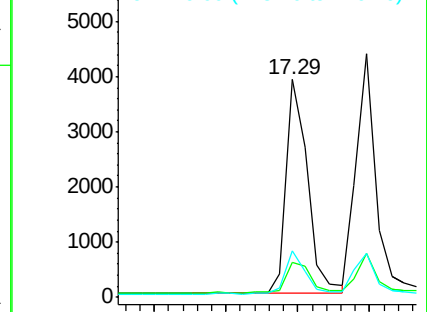
176 21.5 13.6 20.4#



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: 0.401 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

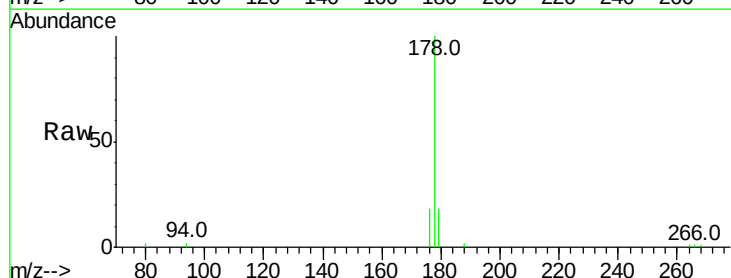
Tgt Ion:178 Resp: 8221

Ion Ratio Lower Upper

178 100

179 17.8 18.1 27.1#

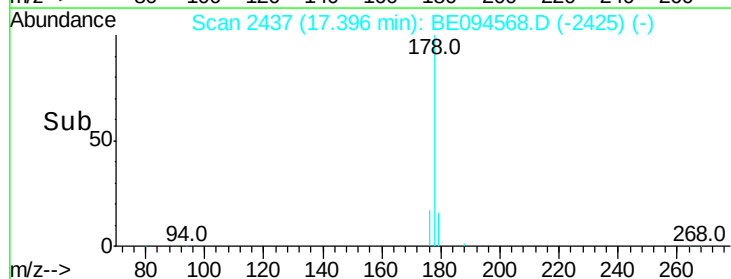
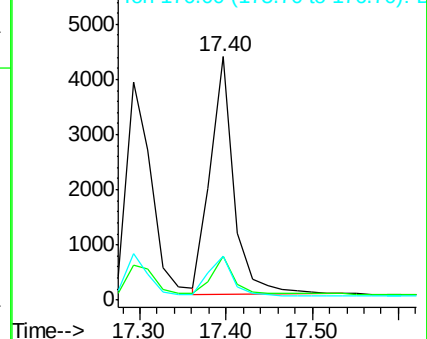
176 17.8 14.7 22.1

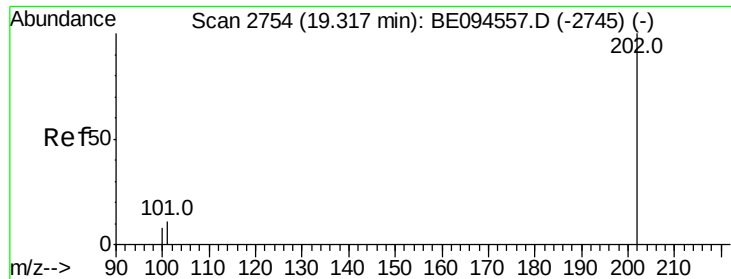


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.399 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

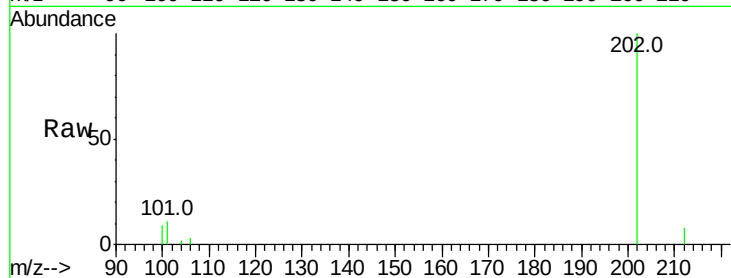
Tot Ion:202 Resp: 9578

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.3

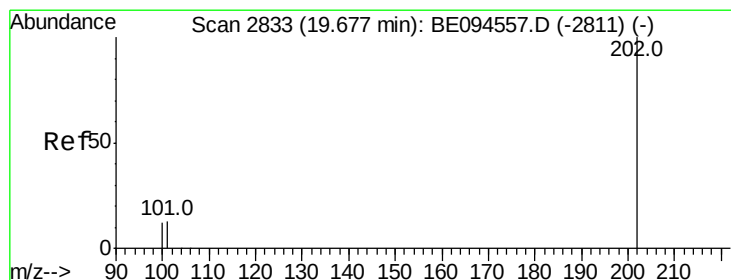
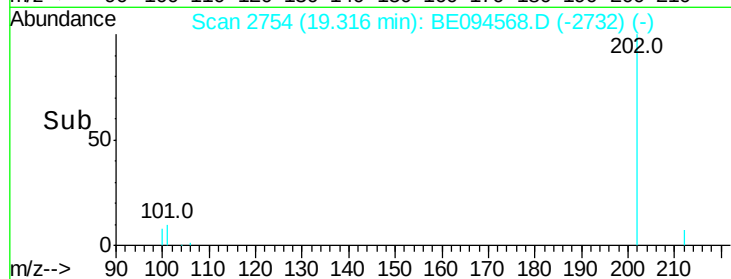
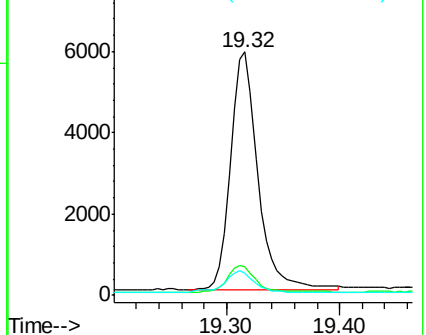
100 9.1 0.0 39.5



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: 0.433 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

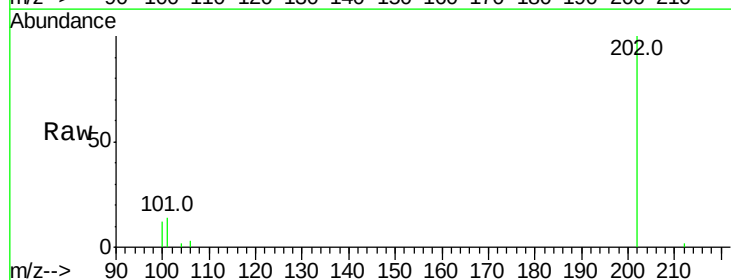
Tgt Ion:202 Resp: 10379

Ion Ratio Lower Upper

202 100

101 13.9 18.2 27.4#

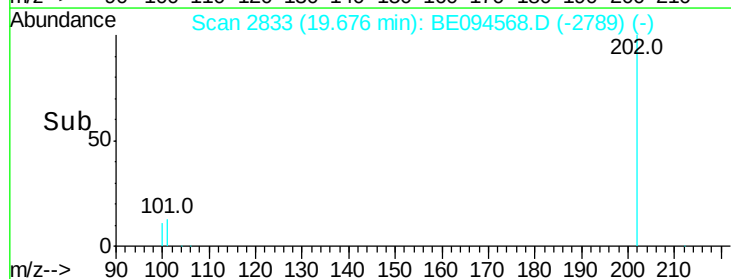
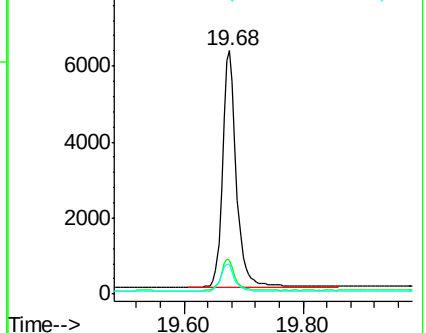
100 12.3 15.6 23.4#

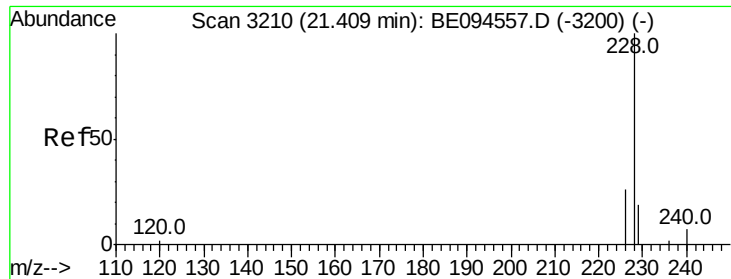


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

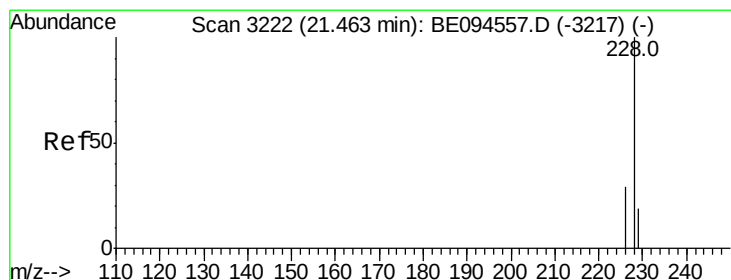
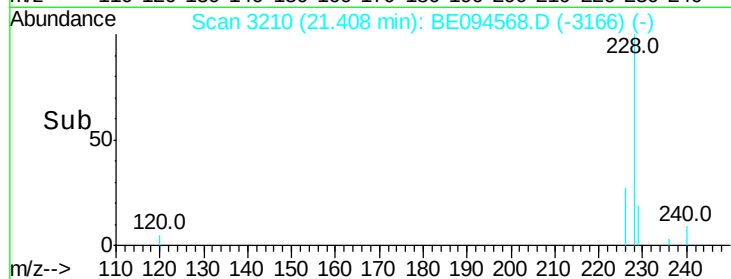
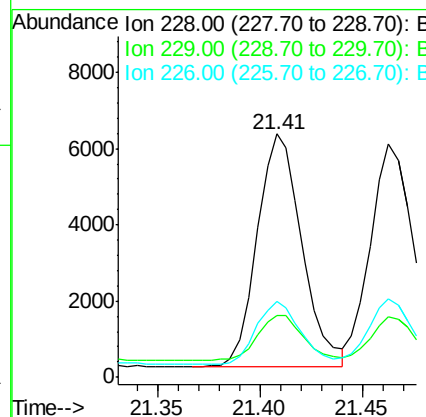
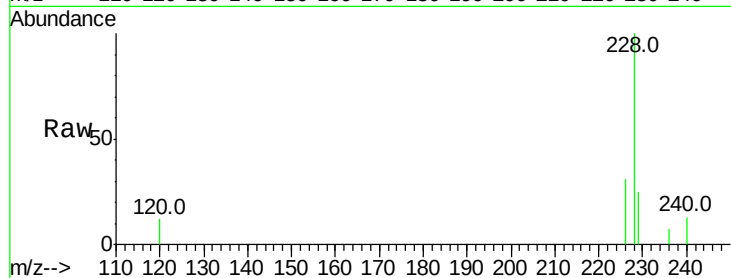




#18
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094568.D
Acq: 26 Oct 2017 18:39

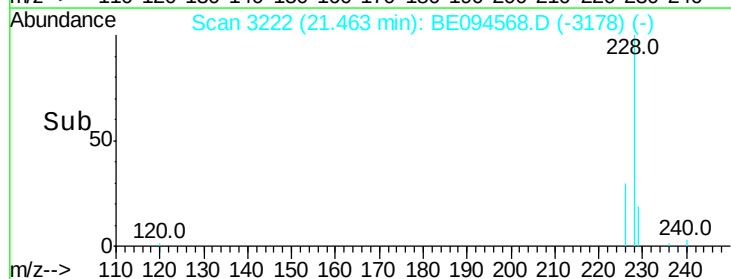
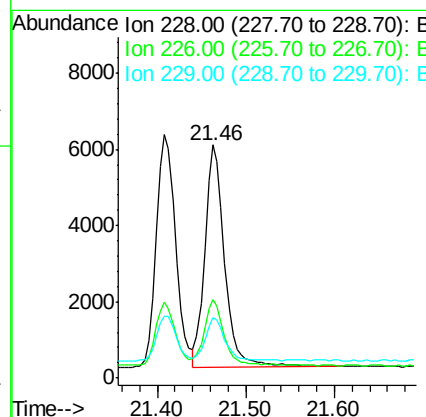
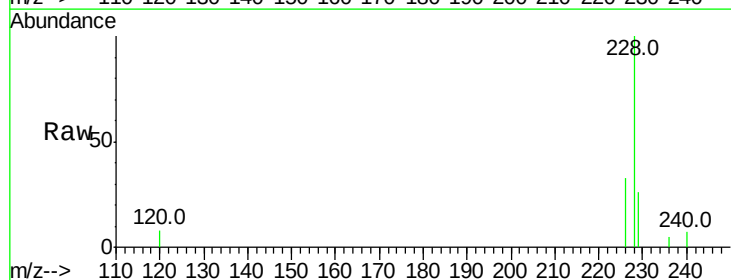
Instrument :
BNA_E
ClientSampleId :

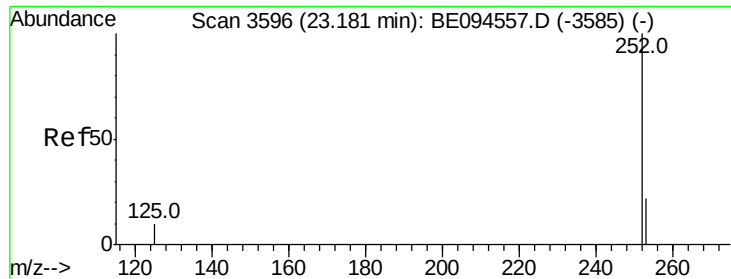
Tot Ion:228 Resp: 9286
Ion Ratio Lower Upper
228 100
229 25.1 22.8 34.2
226 31.0 17.0 25.6#



#19
Chrysene
Concen: 0.397 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094568.D
Acq: 26 Oct 2017 18:39

Tgt Ion:228 Resp: 9094
Ion Ratio Lower Upper
228 100
226 33.4 23.4 35.0
229 26.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

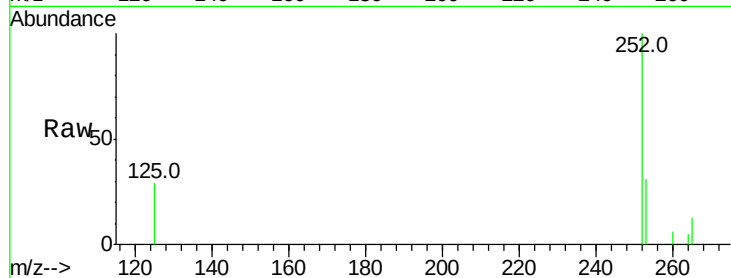
Tot Ion:252 Resp: 8527

Ion Ratio Lower Upper

252 100

253 31.3 0.0 64.2

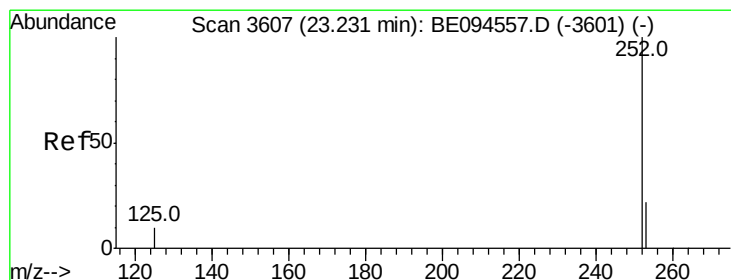
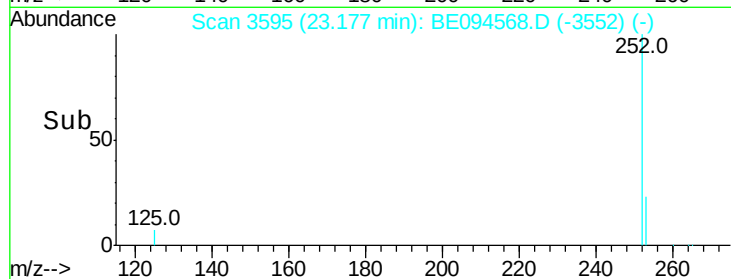
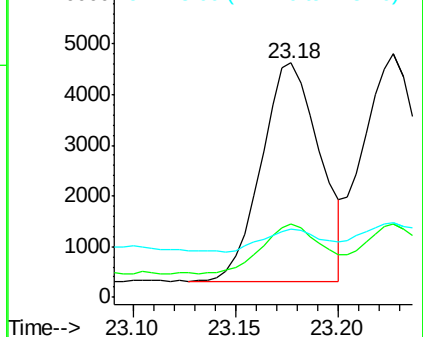
125 29.3 0.0 35.0



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: 0.404 ng/ul

RT: 23.23 min Scan# 3606

Delta R.T. -0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

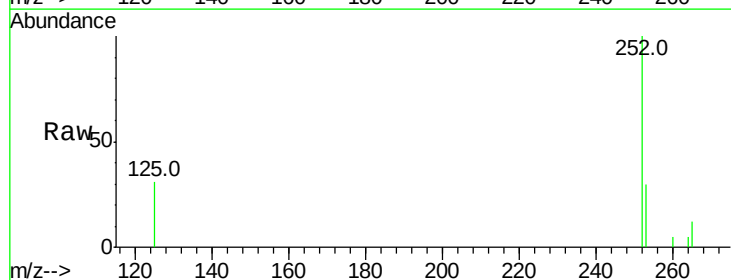
Tgt Ion:252 Resp: 9254

Ion Ratio Lower Upper

252 100

253 30.4 24.5 36.7

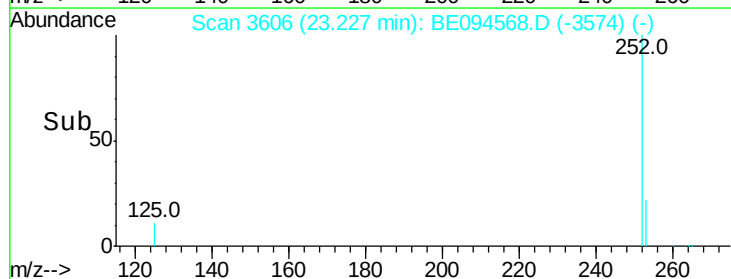
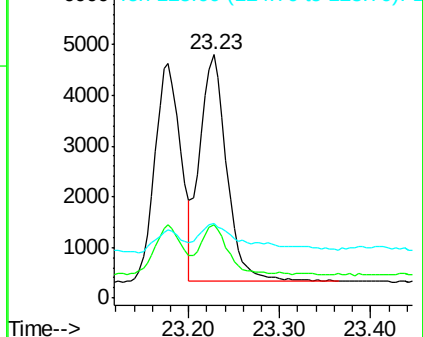
125 30.6 13.7 20.5#

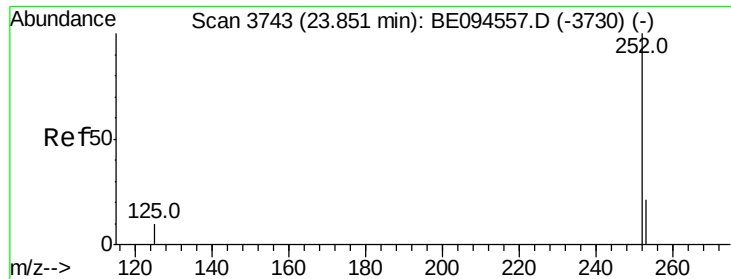


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

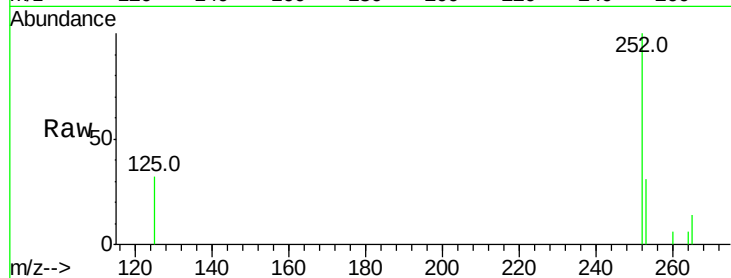
Tot Ion:252 Resp: 8776

Ion Ratio Lower Upper

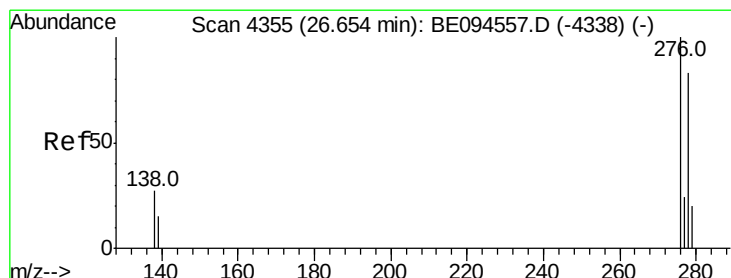
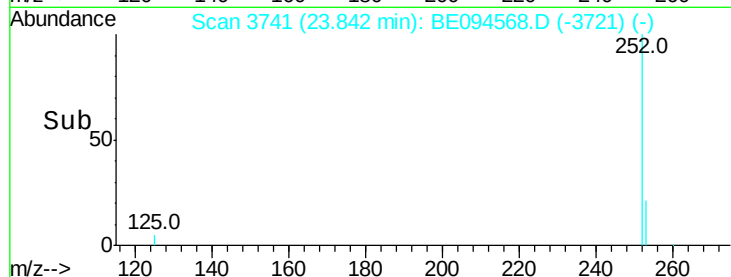
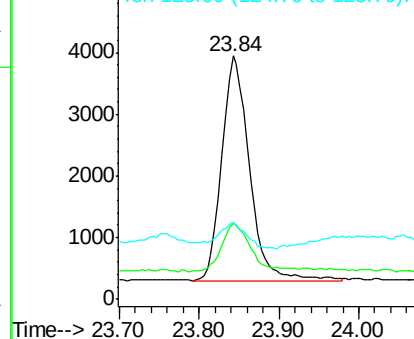
252 100

253 31.4 28.5 42.7

125 31.8 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: 0.423 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.00 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

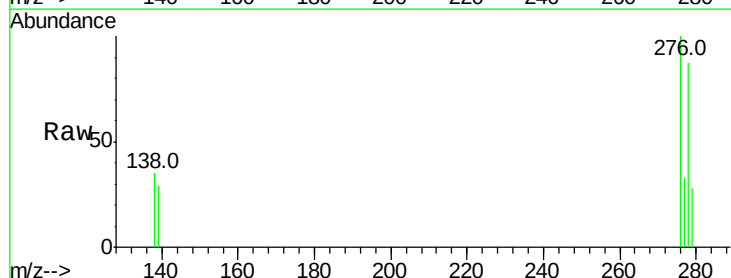
Tgt Ion:276 Resp: 9355

Ion Ratio Lower Upper

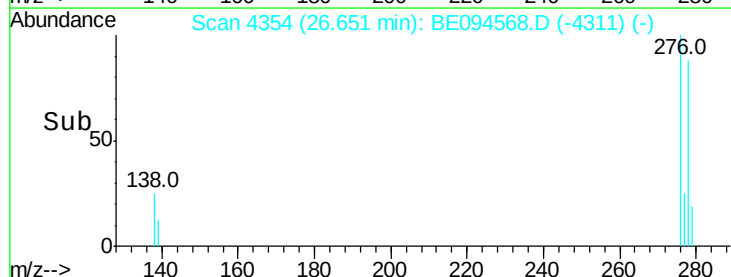
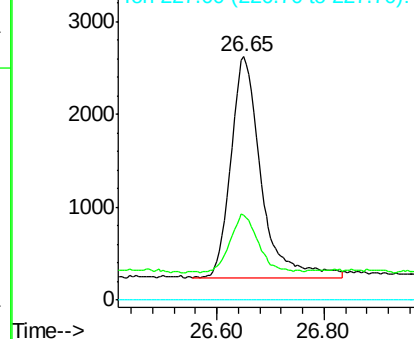
276 100

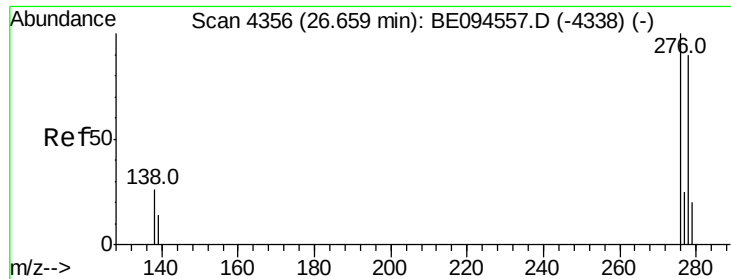
138 24.7 28.0 42.0#

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: 0.426 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.01 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Instrument :

BNA_E

ClientSampleId :

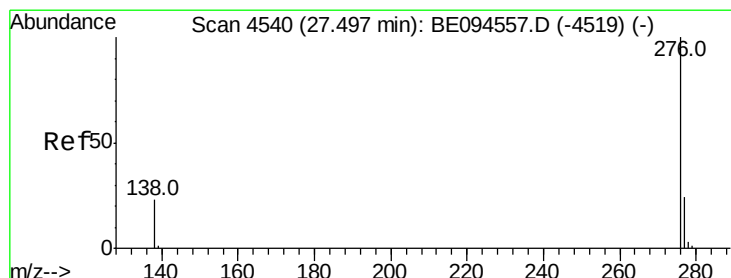
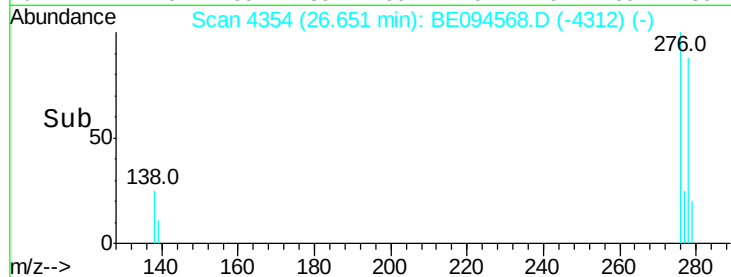
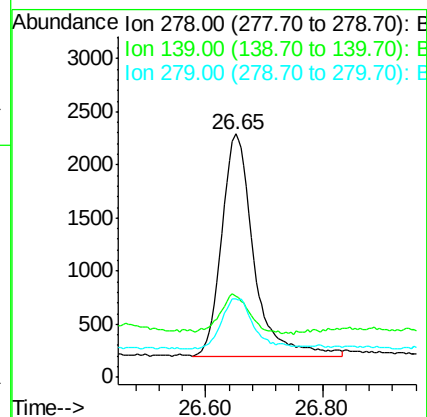
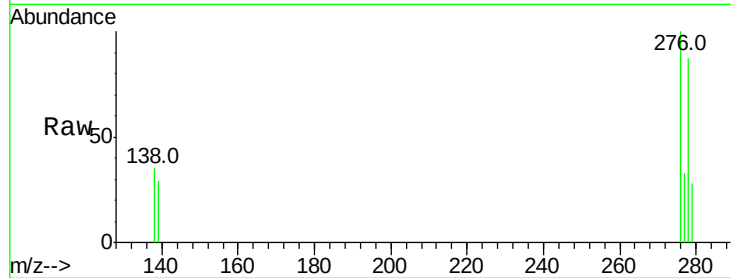
Tot Ion:278 Resp: 7937

Ion Ratio Lower Upper

278 100

139 33.3 17.4 26.0#

279 32.0 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 0.418 ng/ul

RT: 27.49 min Scan# 4538

Delta R.T. -0.01 min

Lab File: BE094568.D

Acq: 26 Oct 2017 18:39

Tgt Ion:276 Resp: 7428

Ion Ratio Lower Upper

276 100

138 35.4 21.8 32.8#

277 36.1 20.5 30.7#

