

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094825.D
 Acq On : 22 Nov 2017 11:06
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 00:47:27 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 16 00:58:39 2017
 Response via : Initial Calibration

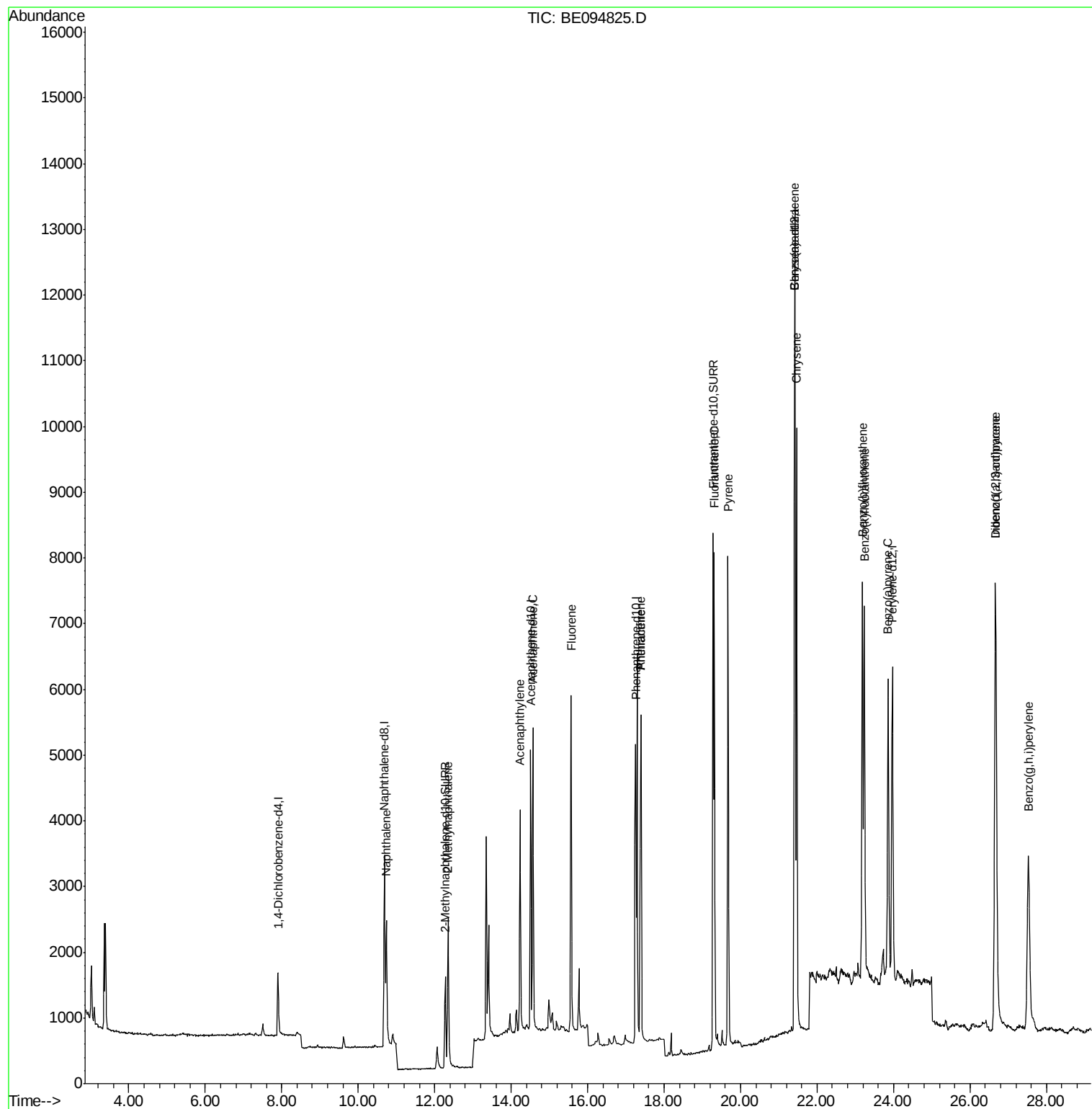
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	702	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.68	136	4149	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.51	164	2679	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	7305	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8880	0.40	ng/ul	-0.01
20) Perylene-d12	23.96	264	8584	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2591	0.39	ng/ul	-0.04
14) Fluoranthene-d10	19.28	212	9319	0.37	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.73	128	3616	0.37	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	2628	0.38	ng/ul	98
7) Acenaphthylene	14.24	152	4456	0.36	ng/ul	99
8) Acenaphthene	14.57	153	3150	0.36	ng/ul	93
9) Fluorene	15.57	166	3943	0.38	ng/ul	96
12) Phenanthrene	17.39	178	6884	0.35	ng/ul	95
13) Anthracene	17.39	178	7246	0.36	ng/ul	94
15) Fluoranthene	19.31	202	9589	0.37	ng/ul	84
17) Pyrene	19.67	202	10116	0.36	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	9861	0.37	ng/ul#	86
19) Chrysene	21.47	228	9753	0.36	ng/ul	100
21) Benzo(b)fluoranthene	23.19	252	9297	0.36	ng/ul	89
22) Benzo(k)fluoranthene	23.24	252	9705	0.36	ng/ul#	90
23) Benzo(a)pyrene	23.86	252	9194	0.36	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	10207	0.37	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.66	278	8616	0.37	ng/ul#	90
26) Benzo(a,h,i)perylene	27.53	276	8539	0.37	ng/ul	97

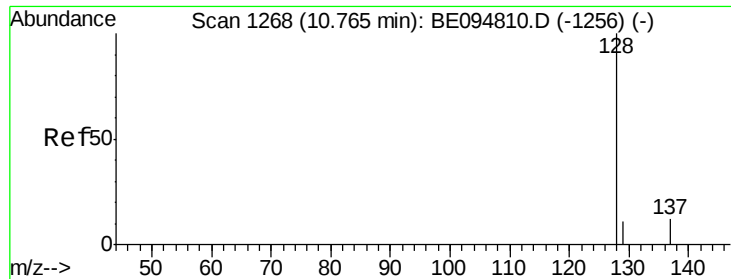
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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#3

Naphthalene

Concen: 0.37 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

Instrument :

BNA_E

ClientSampleId :

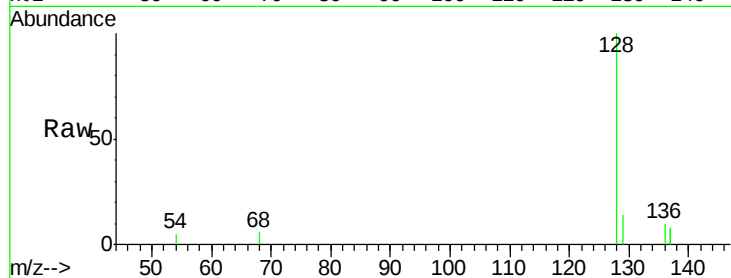
Tot Ion:128 Resp: 3616

Ion Ratio Lower Upper

128 100

129 13.8 11.3 16.9

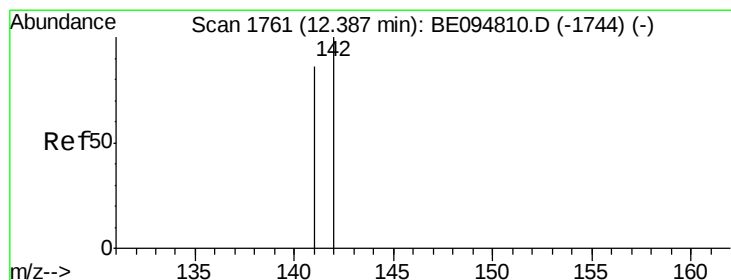
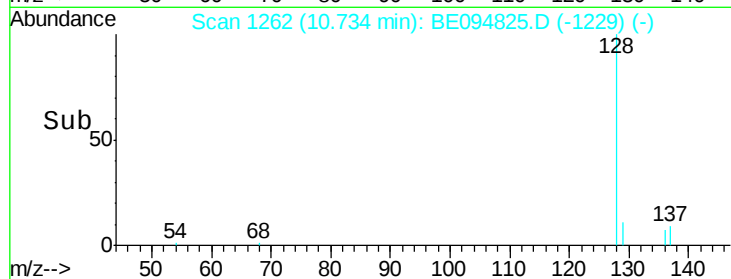
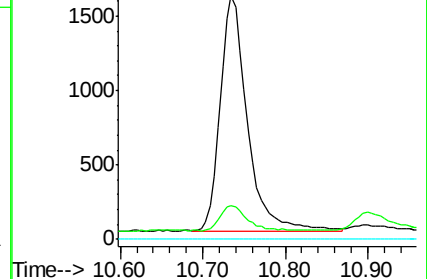
127 0.0 4.0 6.0#



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: 0.38 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BE094825.D

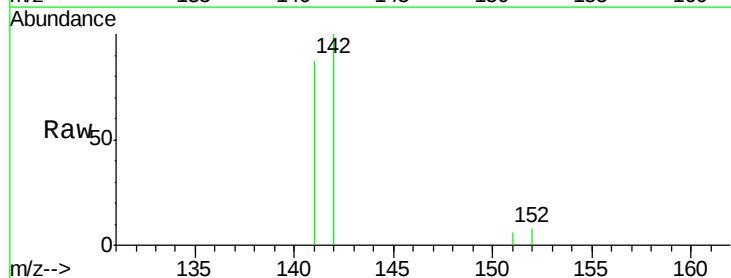
Acq: 22 Nov 2017 11:06

Tgt Ion:142 Resp: 2628

Ion Ratio Lower Upper

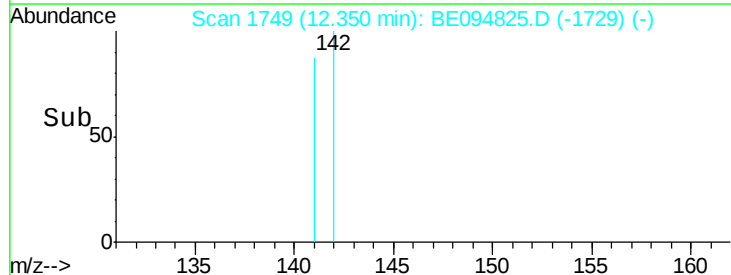
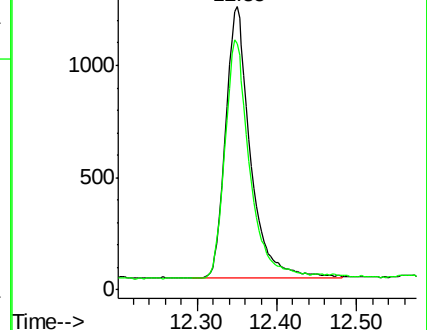
142 100

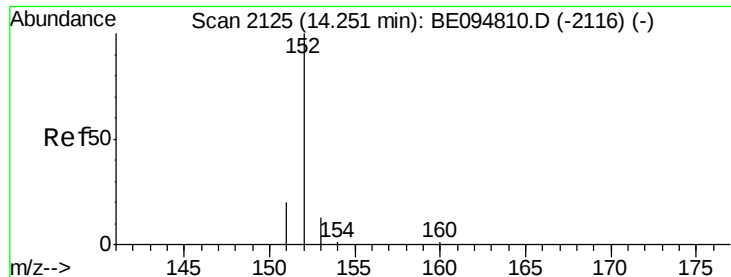
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.36 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

Instrument :

BNA_E

ClientSampleId :

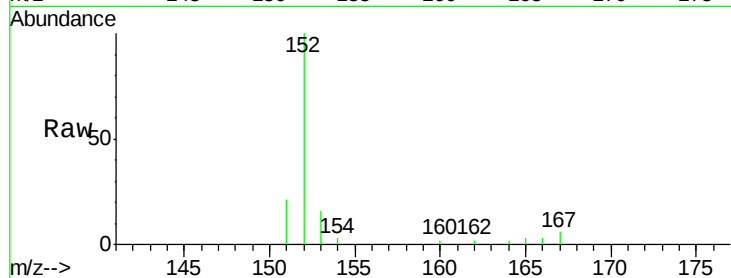
Tot Ion:152 Resp: 4456

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

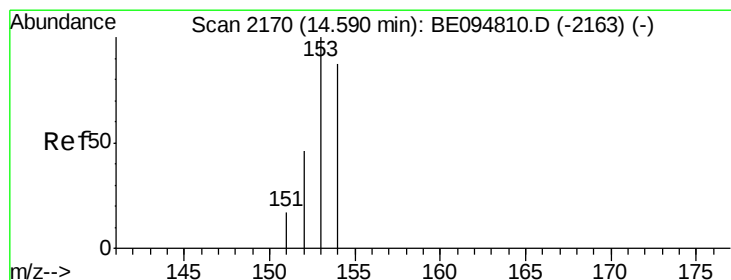
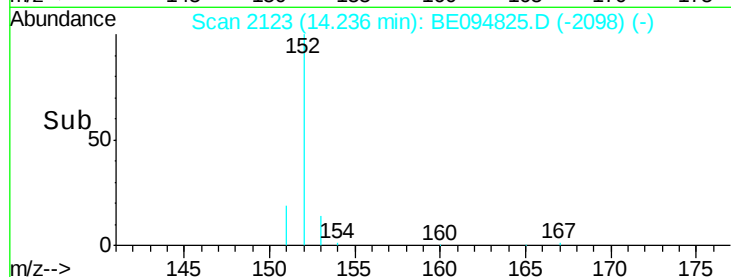
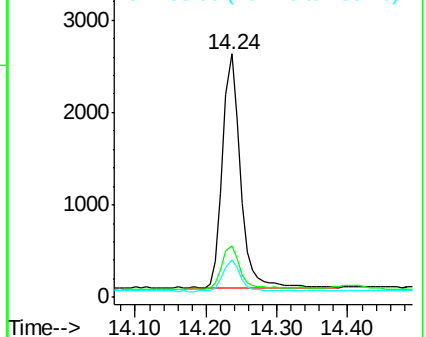
153 15.5 12.8 19.2



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. -0.02 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

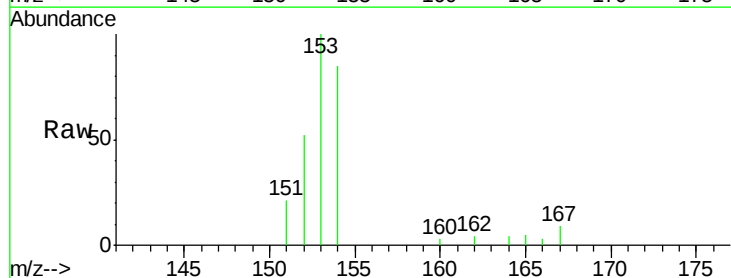
Tgt Ion:153 Resp: 3150

Ion Ratio Lower Upper

153 100

152 52.0 36.0 54.0

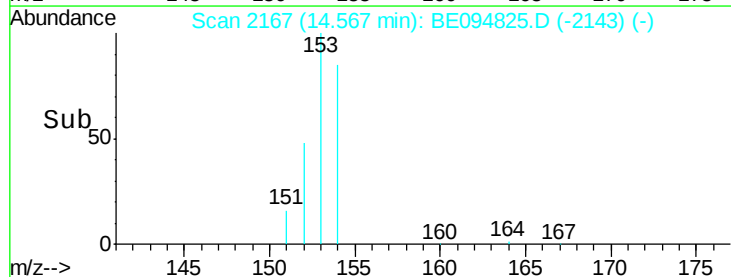
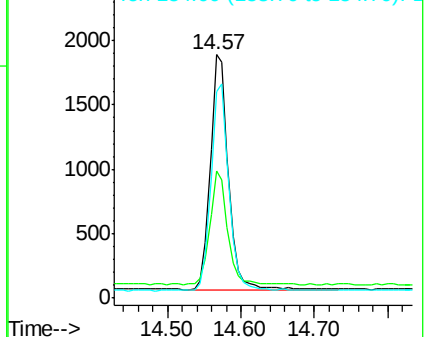
154 84.8 72.0 108.0

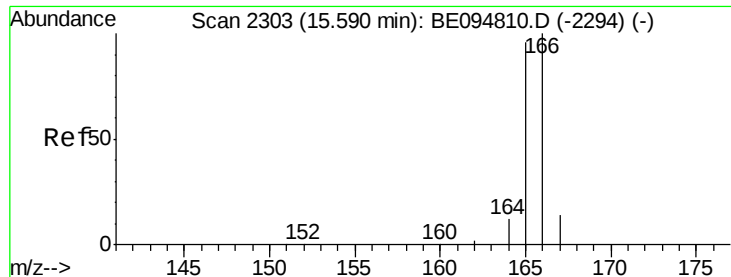


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

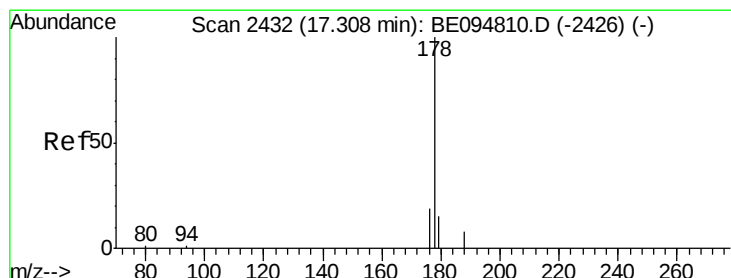
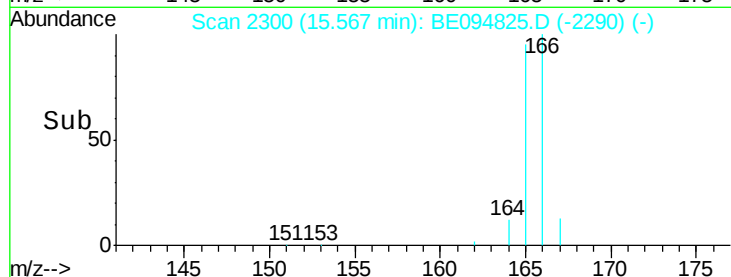
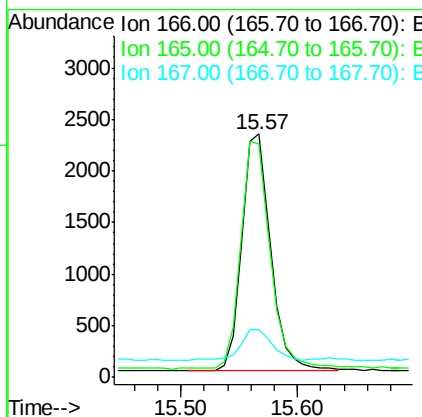
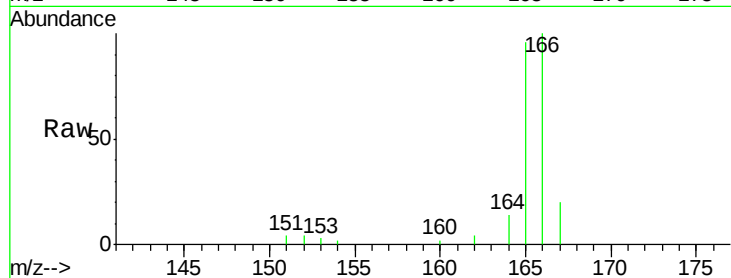




#9
Fluorene
 Concen: 0.38 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BE094825.D
 Acq: 22 Nov 2017 11:06

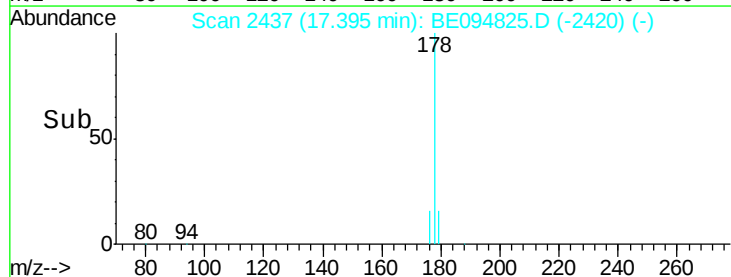
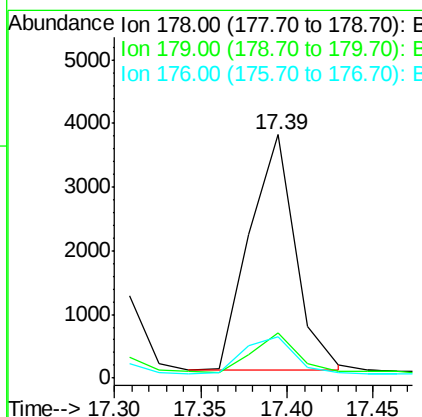
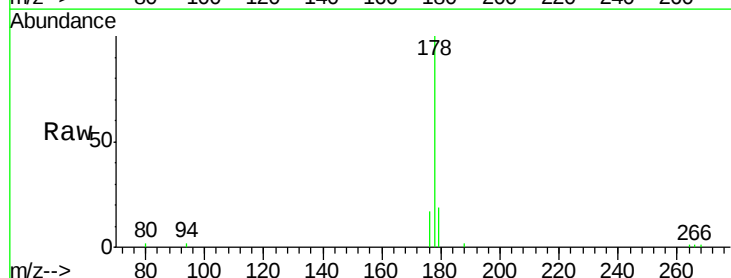
Instrument :
 BNA_E
 ClientSampleId :

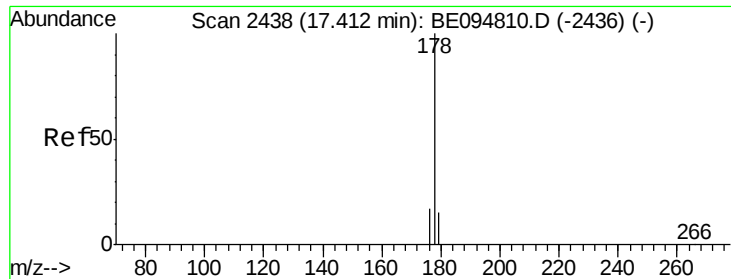
Tot Ion:166 Resp: 3943
 Ion Ratio Lower Upper
 166 100
 165 96.1 73.4 110.2
 167 19.9 14.6 22.0



#12
Phenanthrene
 Concen: 0.35 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. 0.09 min
 Lab File: BE094825.D
 Acq: 22 Nov 2017 11:06

Tgt Ion:178 Resp: 6884
 Ion Ratio Lower Upper
 178 100
 179 18.6 18.4 27.6
 176 17.3 13.6 20.4





#13

Anthracene

Concen: 0.36 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

Instrument :

BNA_E

ClientSampleId :

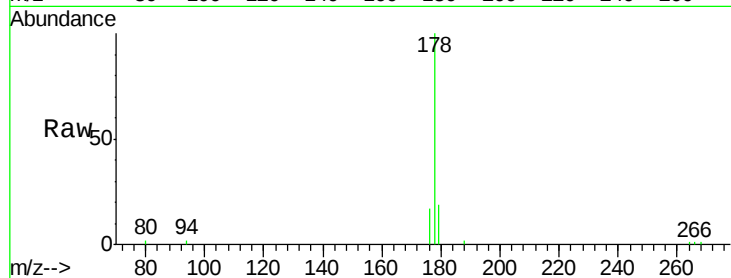
Tot Ion:178 Resp: 7246

Ion Ratio Lower Upper

178 100

179 18.6 18.1 27.1

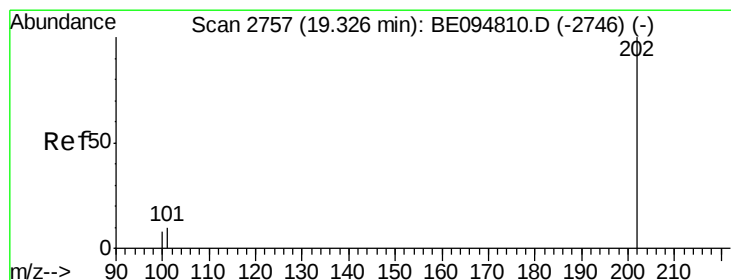
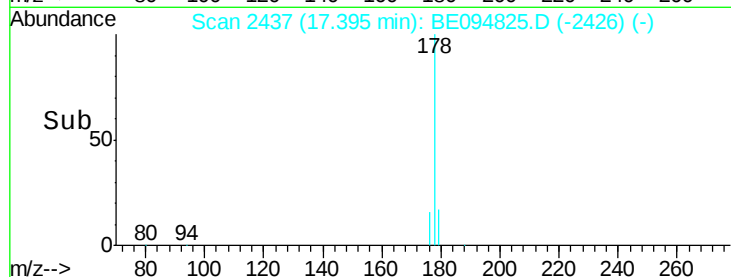
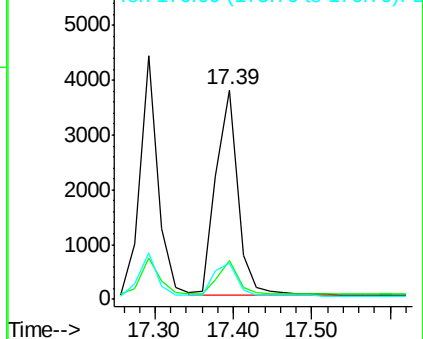
176 17.3 14.7 22.1



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: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

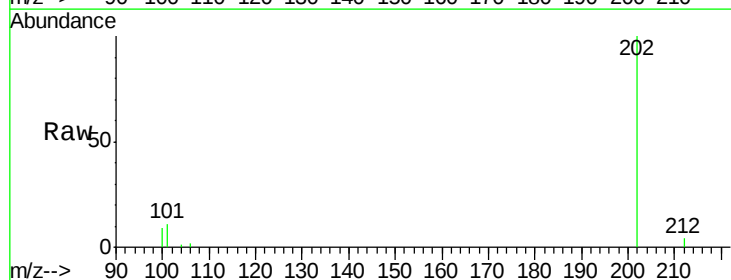
Tgt Ion:202 Resp: 9589

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

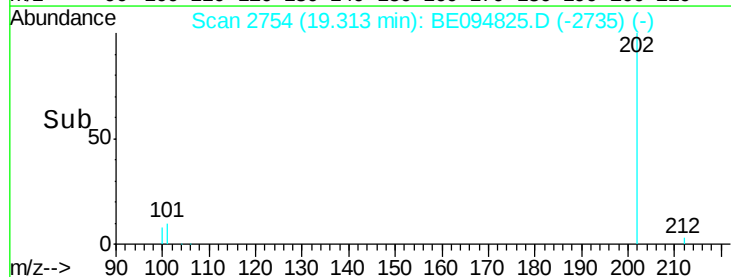
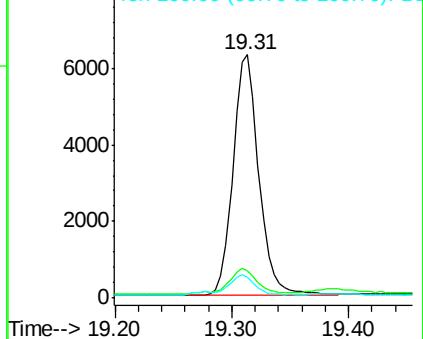
100 8.7 0.0 39.5

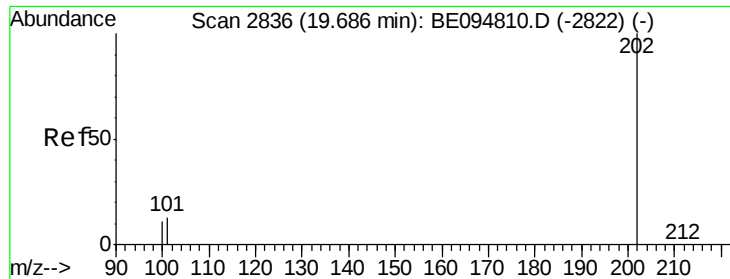


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

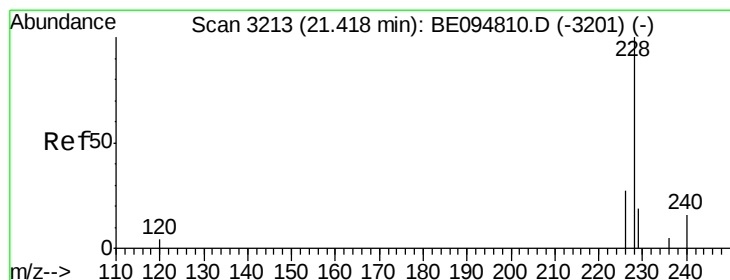
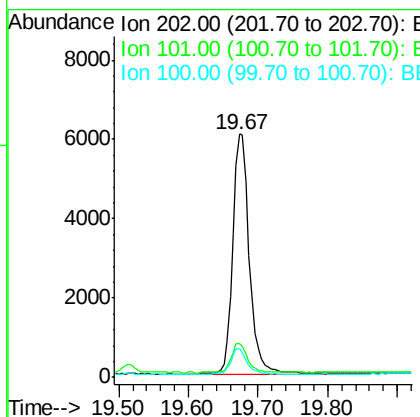
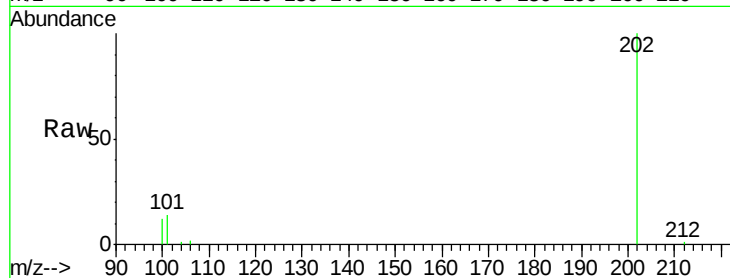




#17
Pvrene
Concen: 0.36 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094825.D
Acq: 22 Nov 2017 11:06

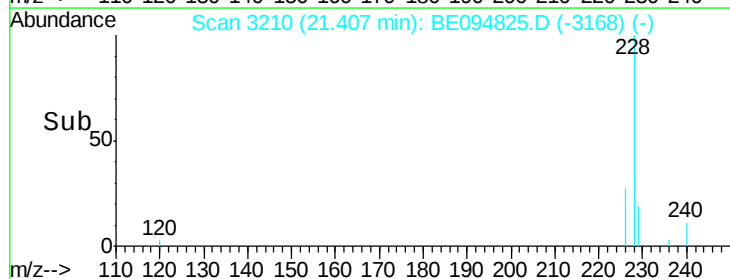
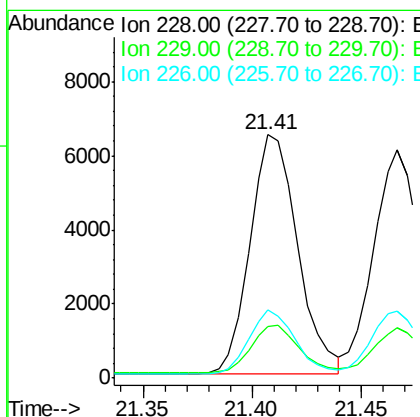
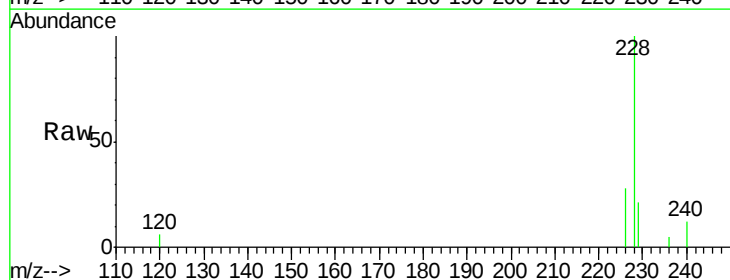
Instrument :
BNA_E
ClientSampleId :

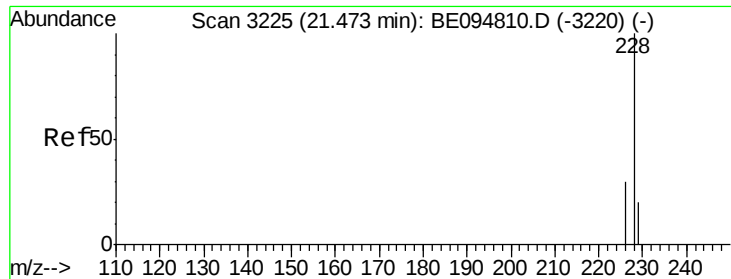
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	18.2	27.4#
100	11.9	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094825.D
Acq: 22 Nov 2017 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

Instrument :

BNA_E

ClientSampleId :

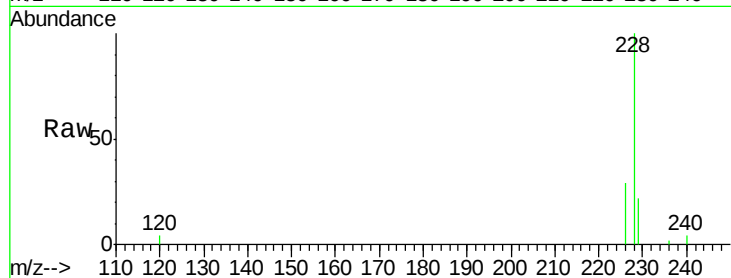
Tot Ion:228 Resp: 9753

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

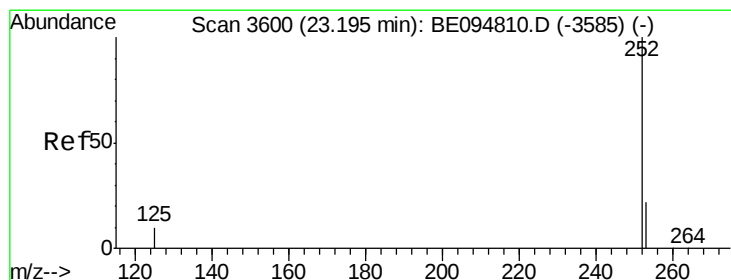
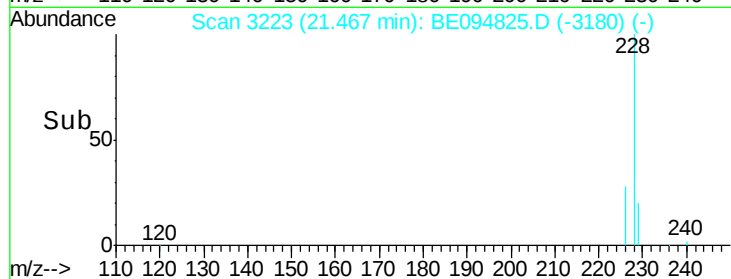
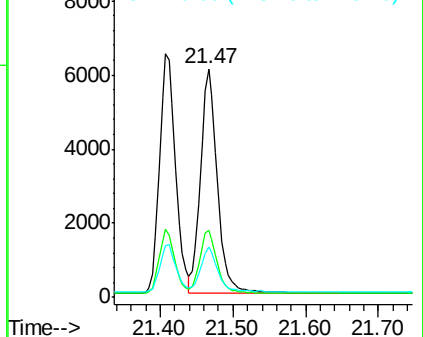
229 22.1 17.7 26.5



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: 0.36 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

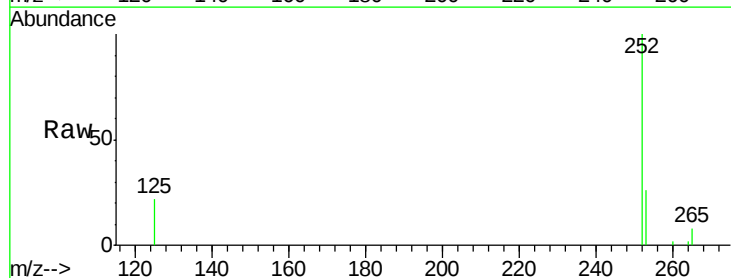
Tgt Ion:252 Resp: 9297

Ion Ratio Lower Upper

252 100

253 25.8 0.0 64.2

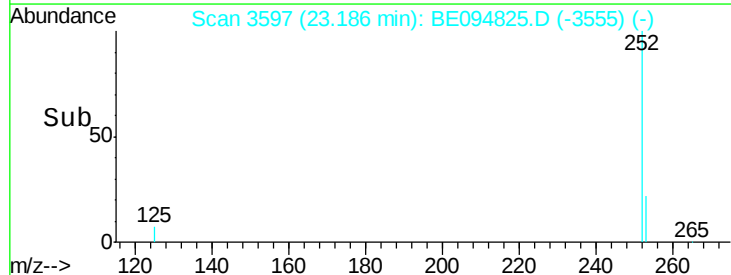
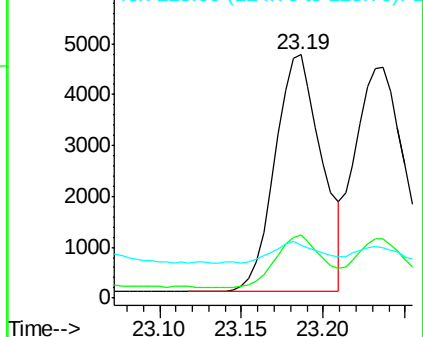
125 21.7 0.0 35.0

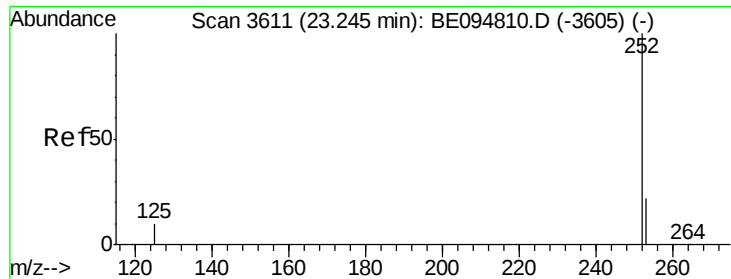


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.24 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

Instrument :

BNA_E

ClientSampleId :

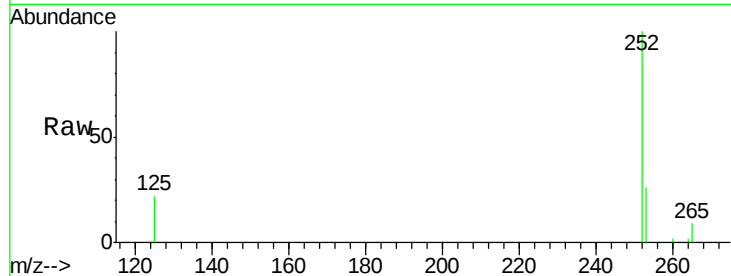
Tot Ion:252 Resp: 9705

Ion Ratio Lower Upper

252 100

253 25.8 24.5 36.7

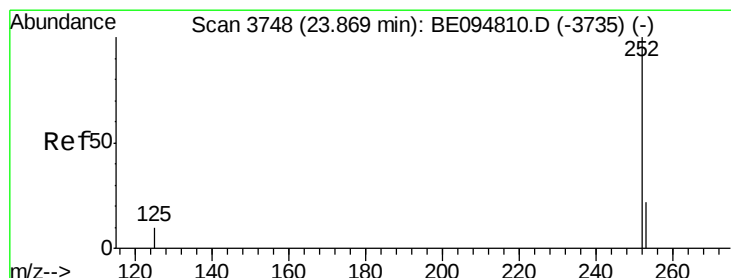
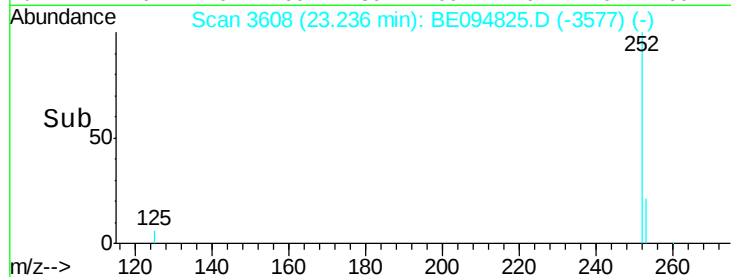
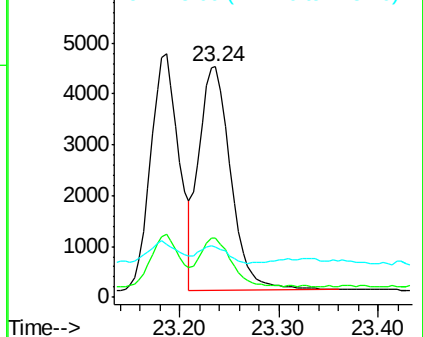
125 21.9 13.7 20.5#



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: 0.36 ng/ul

RT: 23.86 min Scan# 3745

Delta R.T. -0.01 min

Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

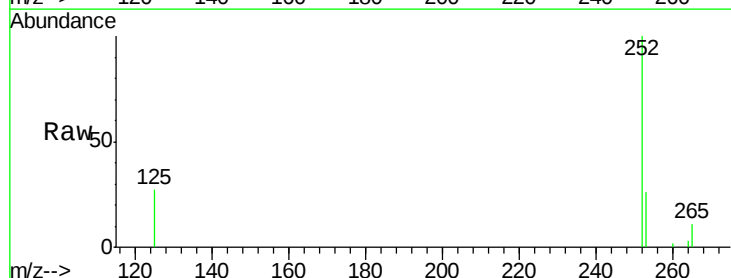
Tgt Ion:252 Resp: 9194

Ion Ratio Lower Upper

252 100

253 26.1 28.5 42.7#

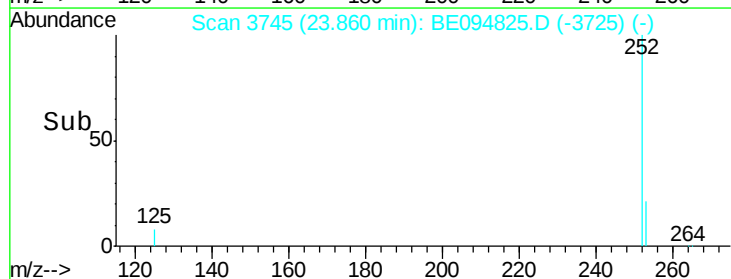
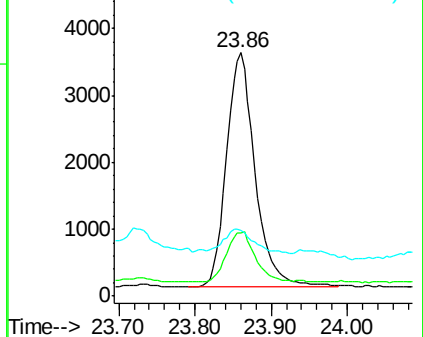
125 26.8 18.1 27.1

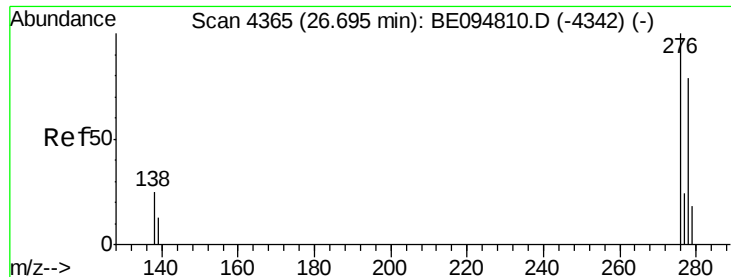


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

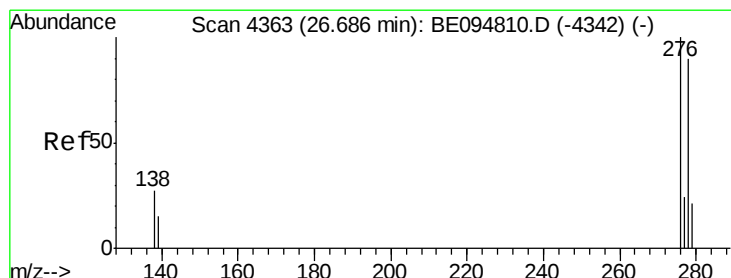
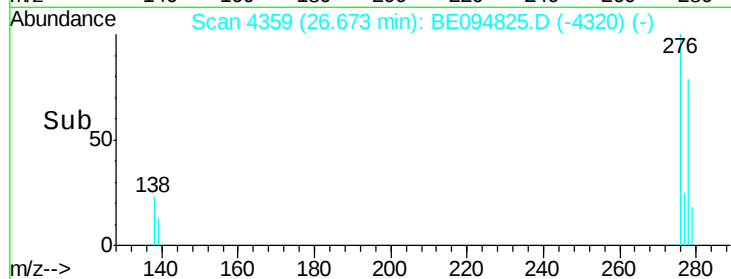
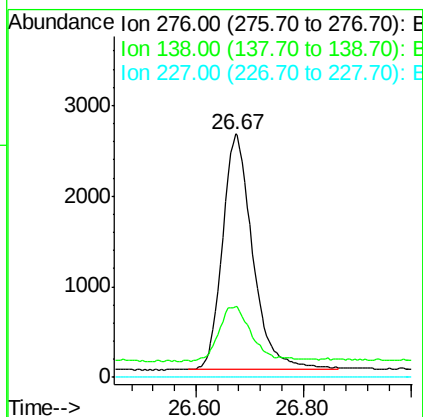
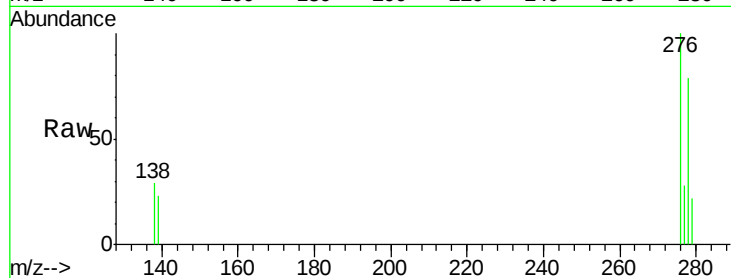




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.37 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.02 min
 Lab File: BE094825.D
 Acq: 22 Nov 2017 11:06

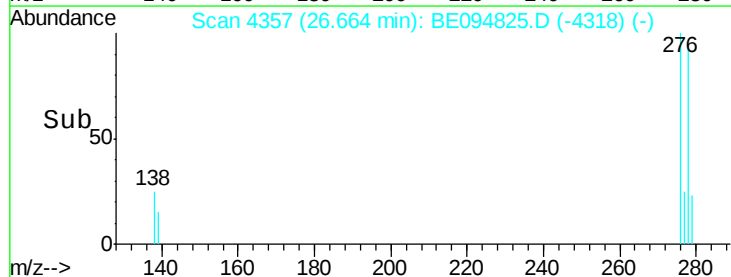
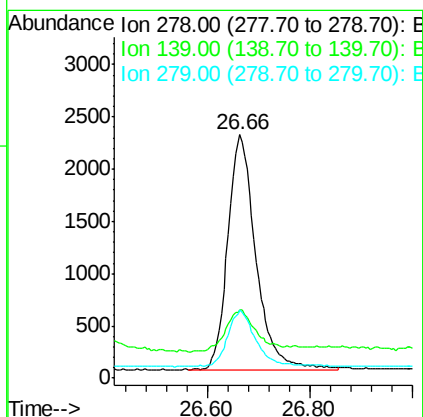
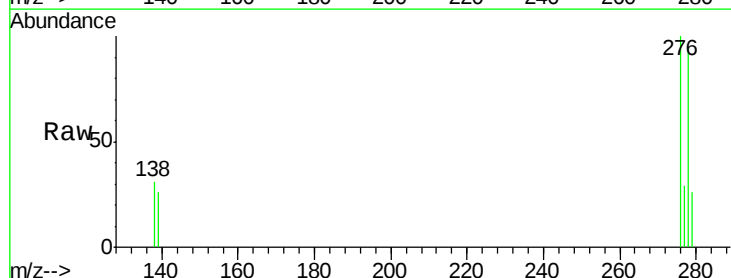
Instrument :
 BNA_E
 ClientSampleId :

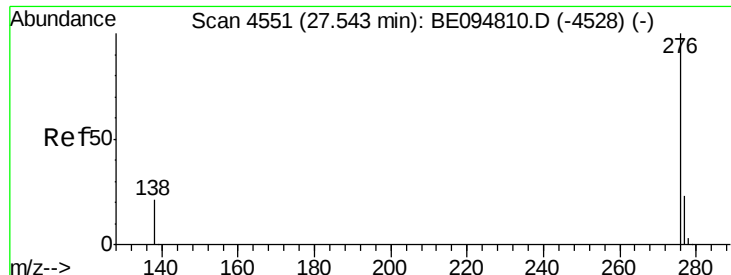
Tot Ion:276 Resp: 10207
 Ion Ratio Lower Upper
 276 100
 138 26.8 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.37 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.02 min
 Lab File: BE094825.D
 Acq: 22 Nov 2017 11:06

Tgt Ion:278 Resp: 8616
 Ion Ratio Lower Upper
 278 100
 139 27.8 17.4 26.0#
 279 28.1 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.37 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. -0.01 min

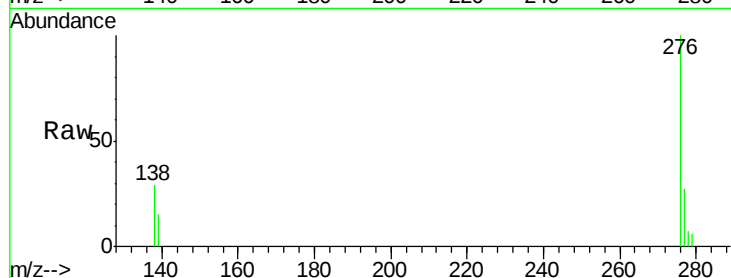
Lab File: BE094825.D

Acq: 22 Nov 2017 11:06

Instrument :

BNA_E

ClientSampleId :



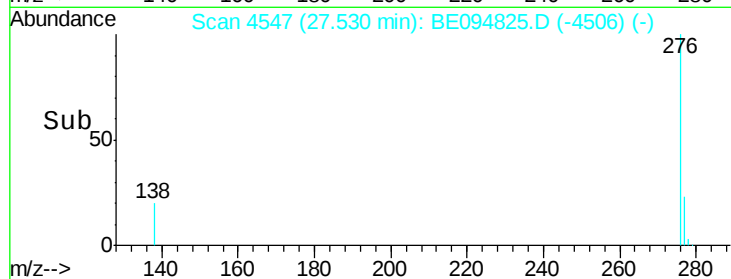
Tot Ion: 276 Resp: 8539

Ion Ratio Lower Upper

276 100

138 28.8 21.8 32.8

277 27.0 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

