

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094366.D
 Acq On : 14 Oct 2017 21:52
 Operator : SJ/JU
 Sample : I5550-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:10:04 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 05:22:31 2017
 Response via : Initial Calibration

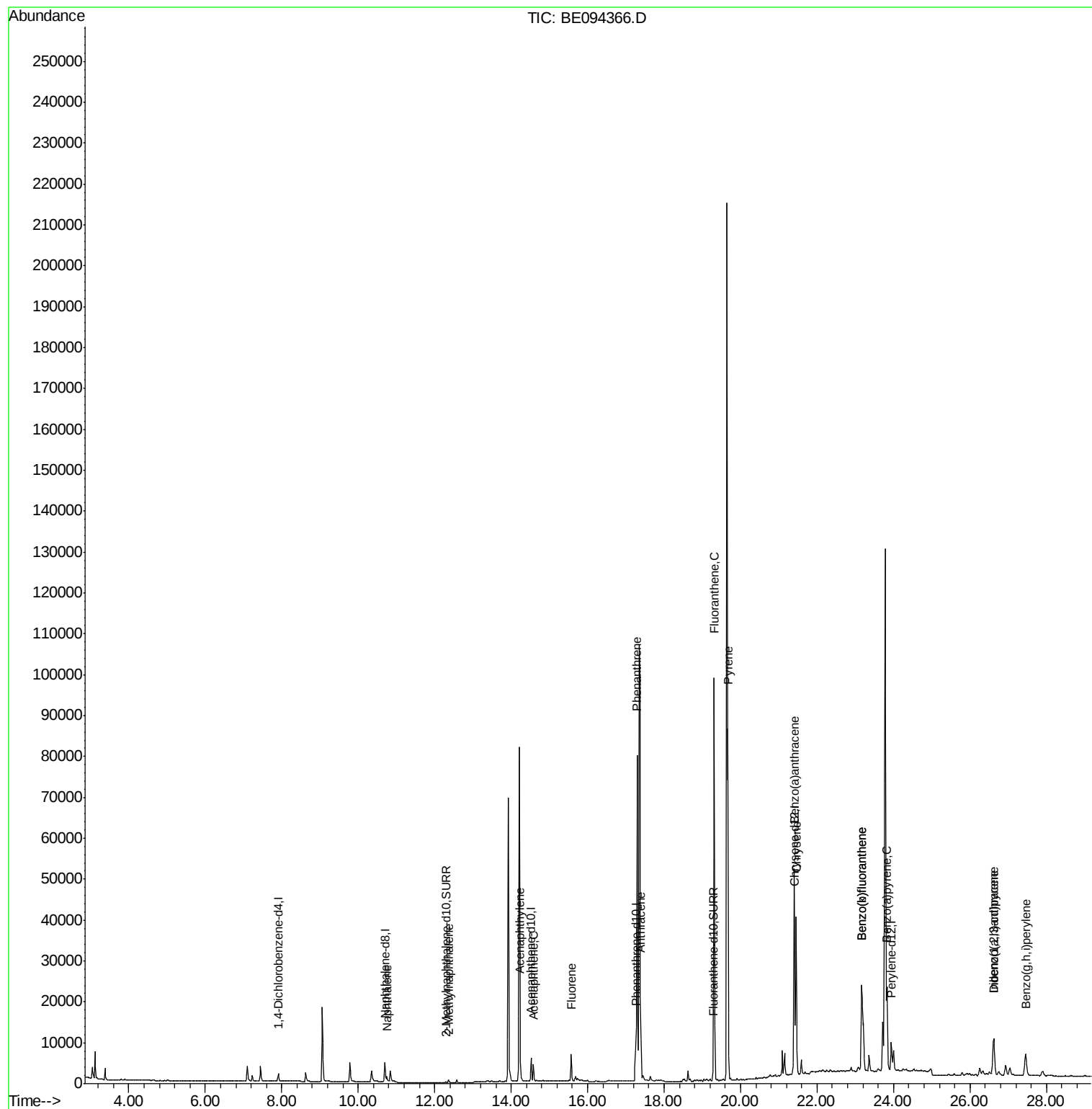
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1008	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	5238	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3449	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9723	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10976	0.40	ng/ul	-0.01
20) Perylene-d12	23.94	264	10995	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	591	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2560	0.08	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	2129	0.166	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	840	0.101	ng/ul	99
7) Acenaphthylene	14.24	152	363	0.027	ng/ul#	58
8) Acenaphthene	14.58	153	2544	0.230	ng/ul	98
9) Fluorene	15.57	166	4263	0.329	ng/ul	93
12) Phenanthrene	17.29	178	87460	3.442	ng/ul#	89
13) Anthracene	17.38	178	20822	0.843	ng/ul#	89
15) Fluoranthene	19.31	202	109674	3.285	ng/ul	84
17) Pyrene	19.67	202	92892	3.042	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	45420	1.560	ng/ul#	87
19) Chrysene	21.46	228	40743	1.212	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	55169	1.847	ng/ul	91
22) Benzo(k)fluoranthene	23.17	252	55075	1.595	ng/ul	93
23) Benzo(a)pyrene	23.83	252	29699	0.957	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.62	276	16324	0.514	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	4767	0.179	ng/ul#	68
26) Benzo(a,h,i)perylene	27.46	276	13211	0.482	ng/ul#	93

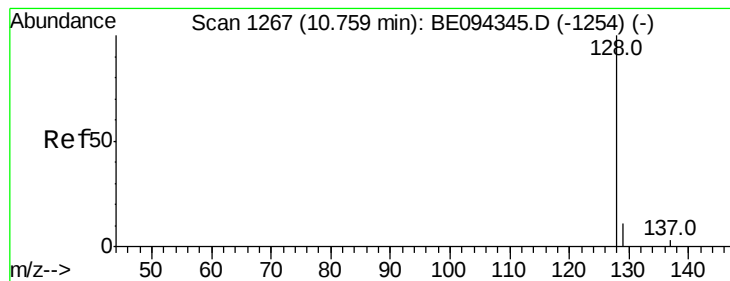
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampleId :

Quant Time: Oct 15 01:10:04 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 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.166 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

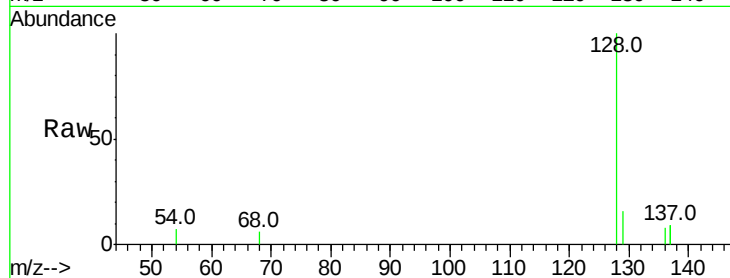
Tot Ion:128 Resp: 2129

Ion Ratio Lower Upper

128 100

129 16.0 11.3 16.9

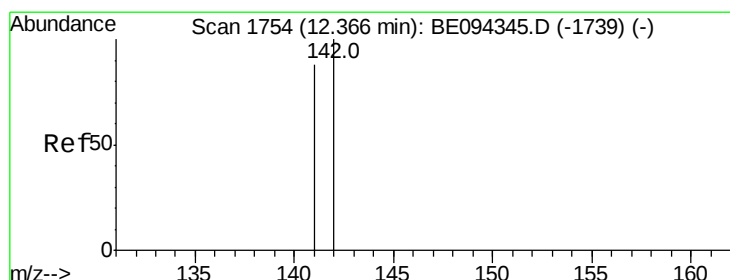
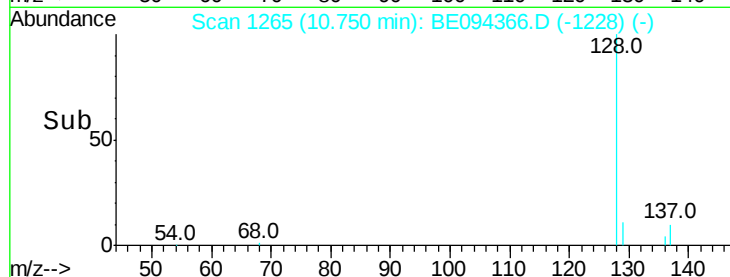
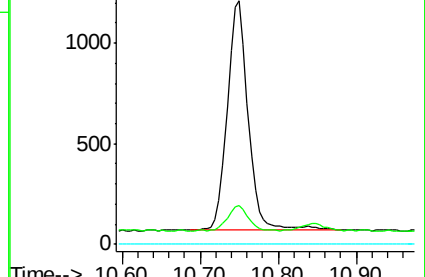
127 0.0 4.0 6.0#



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: 0.101 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BE094366.D

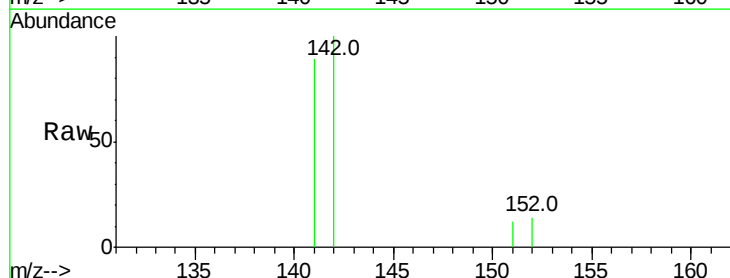
Acq: 14 Oct 2017 21:52

Tgt Ion:142 Resp: 840

Ion Ratio Lower Upper

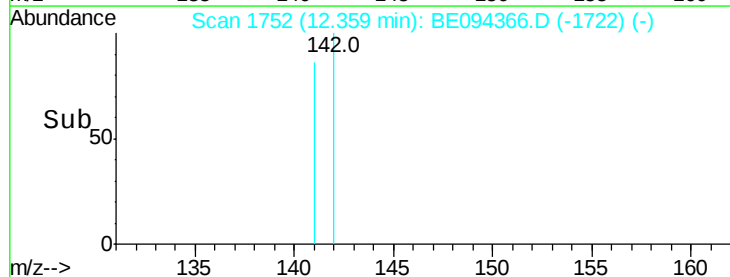
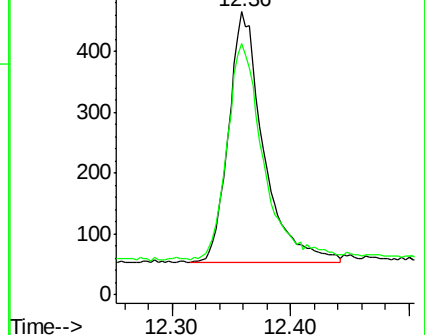
142 100

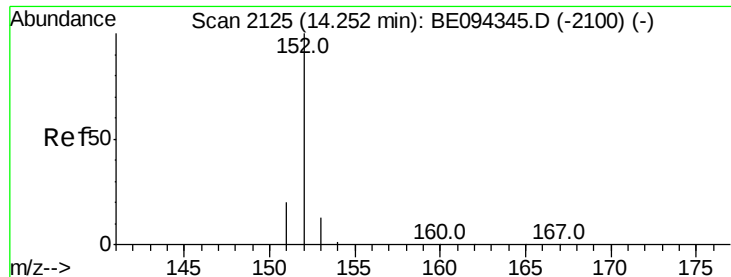
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094366.D

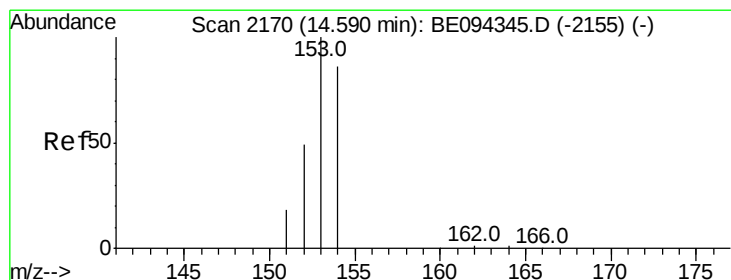
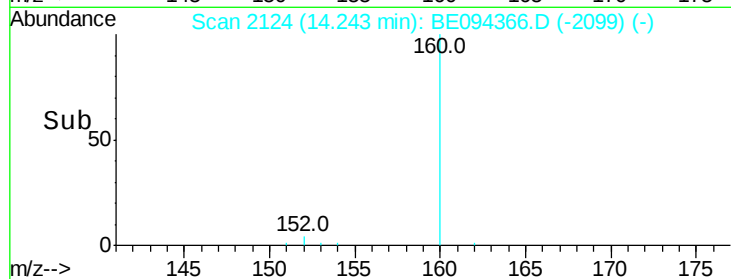
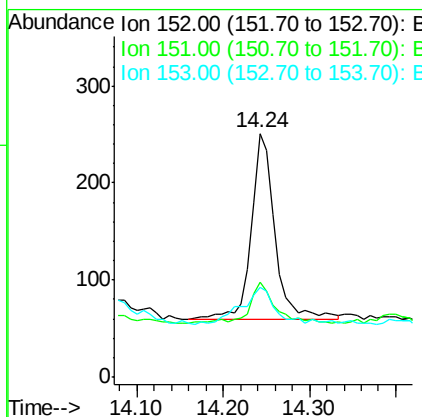
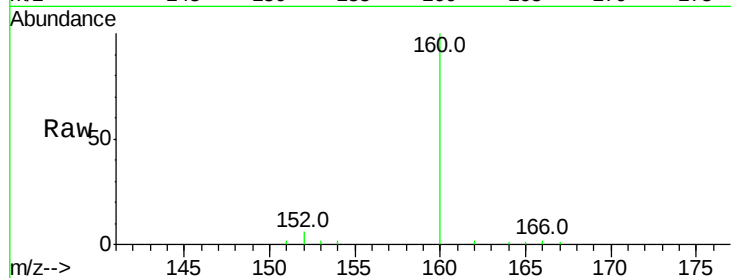
Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	363
Ion	Ratio	Lower	Upper
152	100		
151	39.0	17.1	25.7#
153	36.7	12.8	19.2#



#8

Acenaphthene

Concen: 0.230 ng/ul

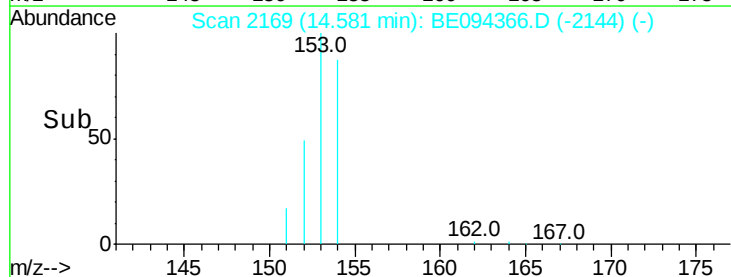
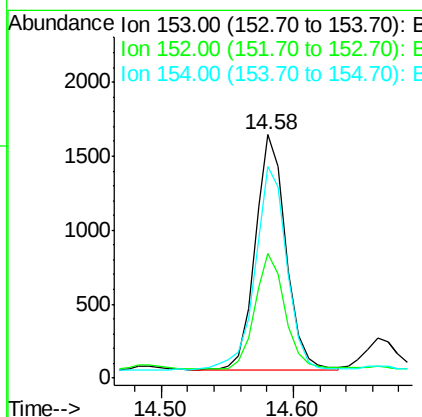
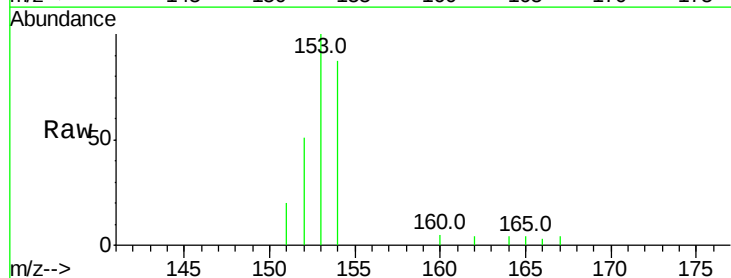
RT: 14.58 min Scan# 2169

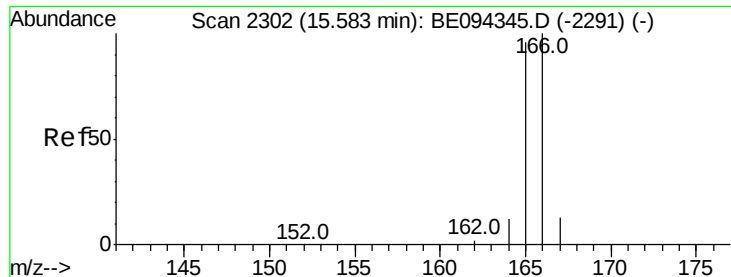
Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Tgt Ion:	153	Resp:	2544
Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.3	60.5
154	86.8	71.4	107.2

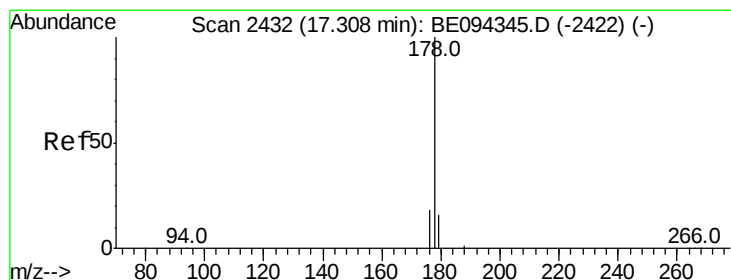
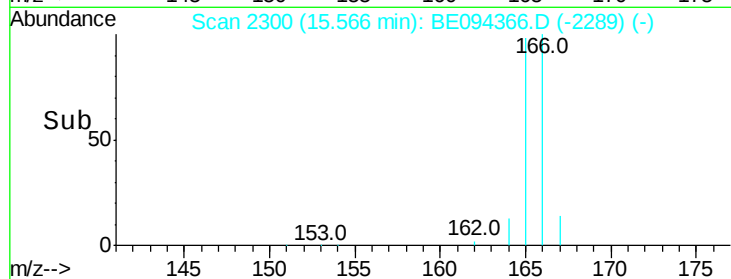
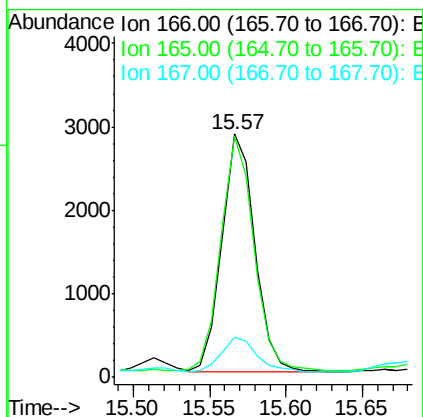
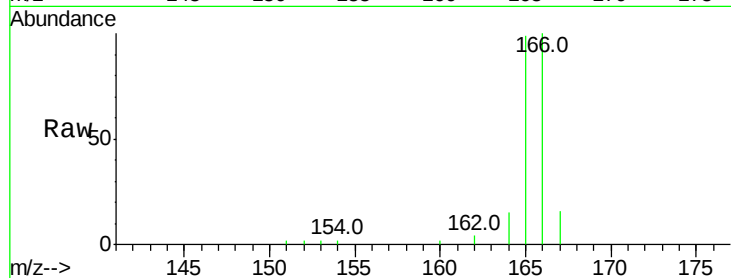




#9
Fluorene
 Concen: 0.329 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BE094366.D
 Acq: 14 Oct 2017 21:52

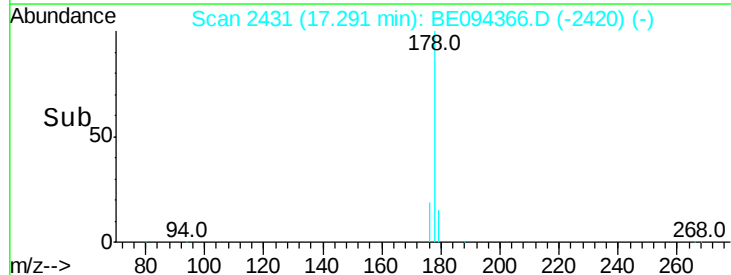
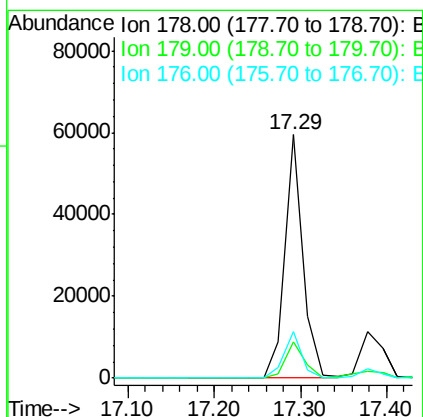
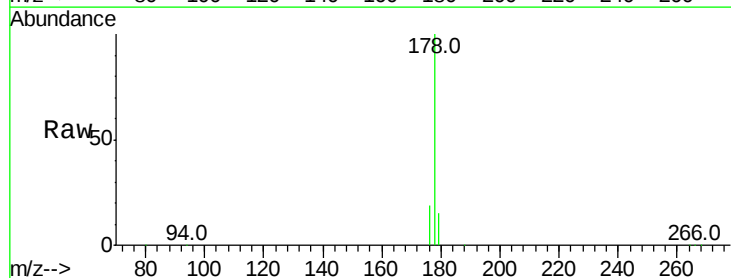
Instrument :
 BNA_E
 ClientSampleId :

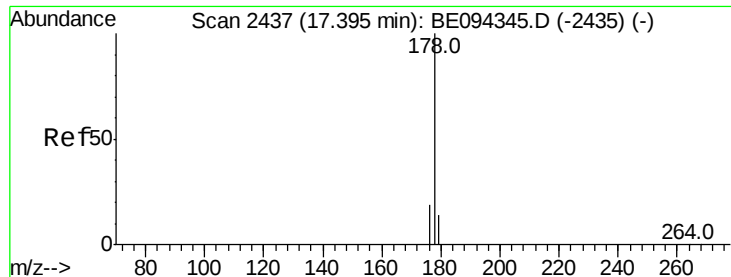
Tot Ion:166 Resp: 4263
 Ion Ratio Lower Upper
 166 100
 165 99.1 73.4 110.2
 167 16.3 14.6 22.0



#12
Phenanthrene
 Concen: 3.442 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094366.D
 Acq: 14 Oct 2017 21:52

Tgt Ion:178 Resp: 87460
 Ion Ratio Lower Upper
 178 100
 179 15.1 18.4 27.6#
 176 19.0 13.6 20.4





#13

Anthracene

Concen: 0.843 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

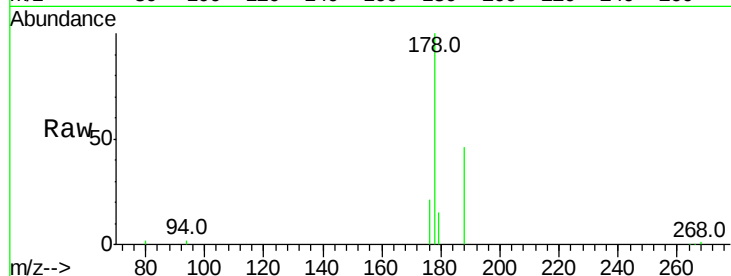
Tot Ion:178 Resp: 20822

Ion Ratio Lower Upper

178 100

179 15.1 18.1 27.1#

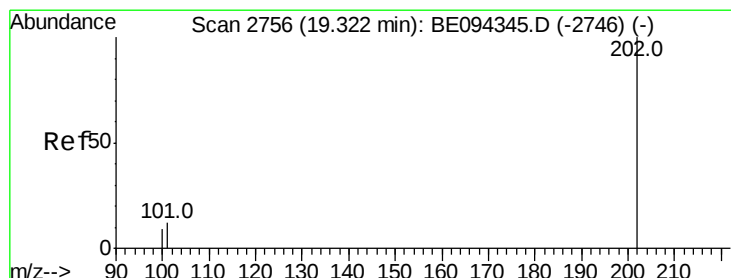
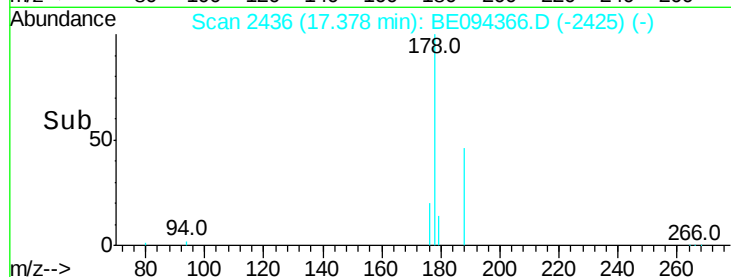
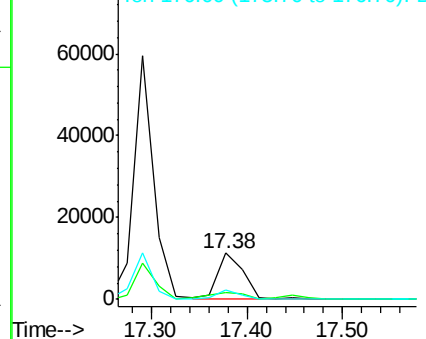
176 20.8 14.7 22.1



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: 3.285 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

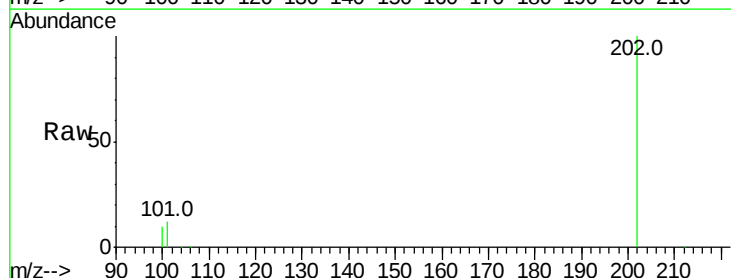
Tgt Ion:202 Resp: 109674

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

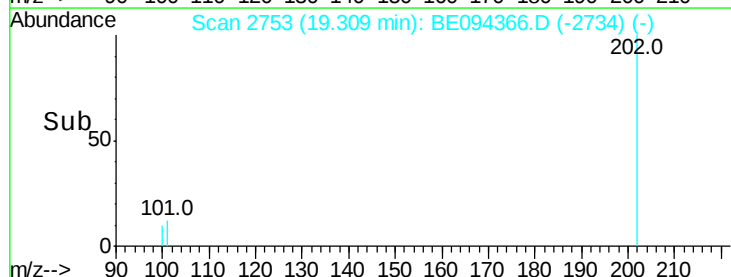
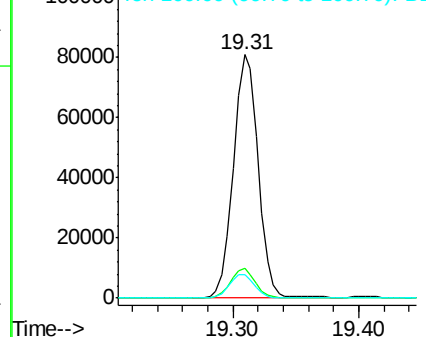
100 9.7 0.0 39.5

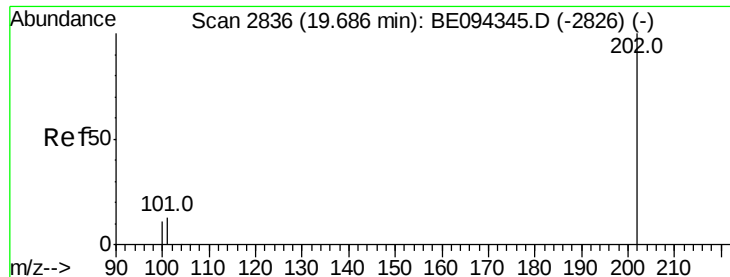


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 3.042 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

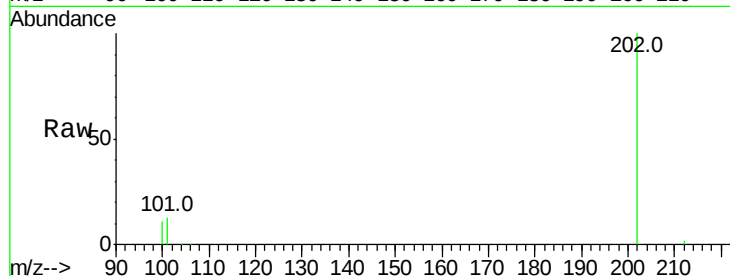
Tot Ion:202 Resp: 92892

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

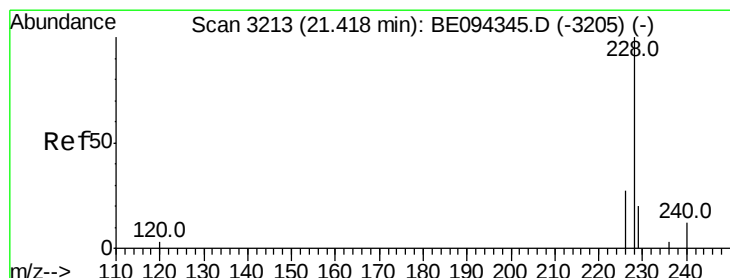
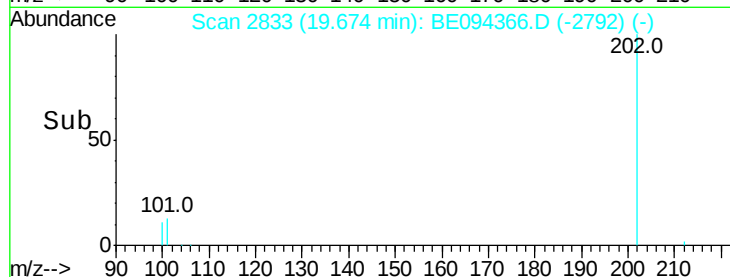
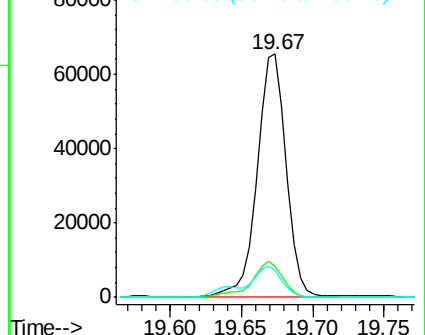
100 11.1 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 1.560 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

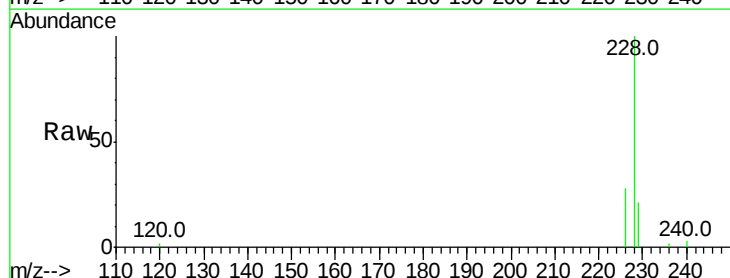
Tgt Ion:228 Resp: 45420

Ion Ratio Lower Upper

228 100

229 21.3 22.8 34.2#

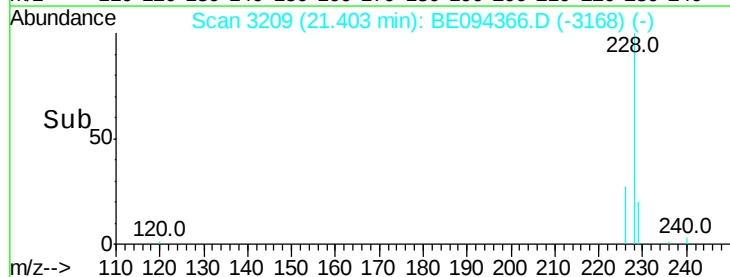
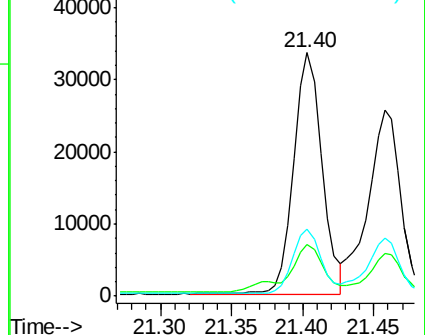
226 27.6 17.0 25.6#

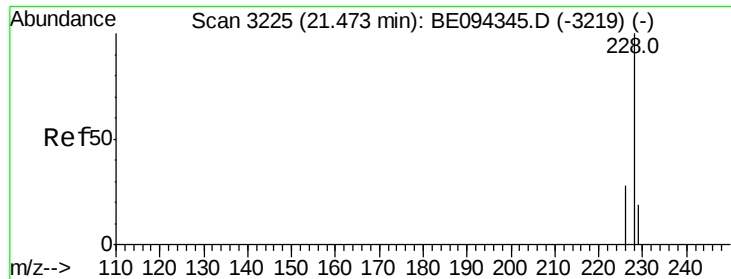


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





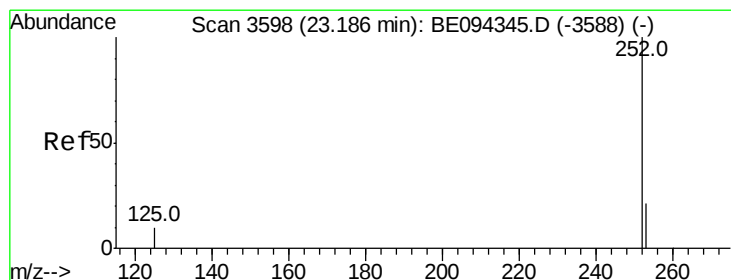
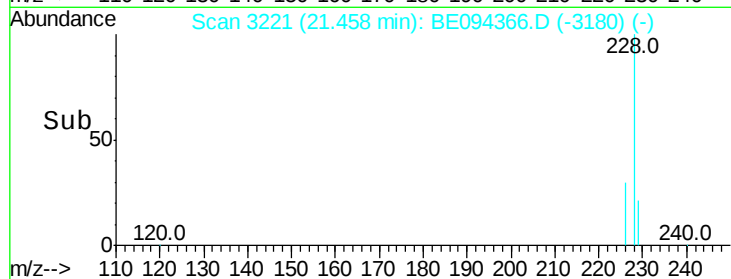
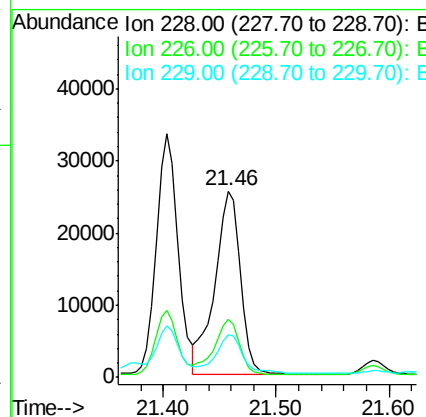
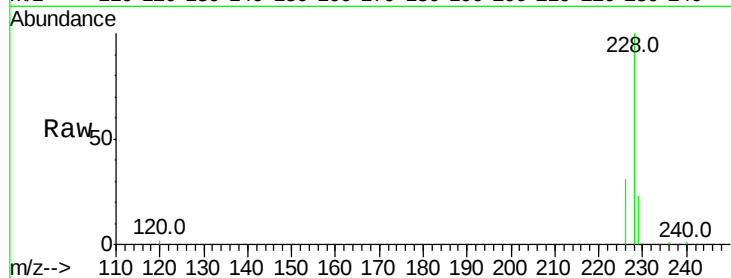
#19

Chrysene

Concen: 1.212 ng/ul
 RT: 21.46 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BE094366.D
 Acq: 14 Oct 2017 21:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:228 Resp: 40743
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.4 35.0
 229 23.0 17.7 26.5

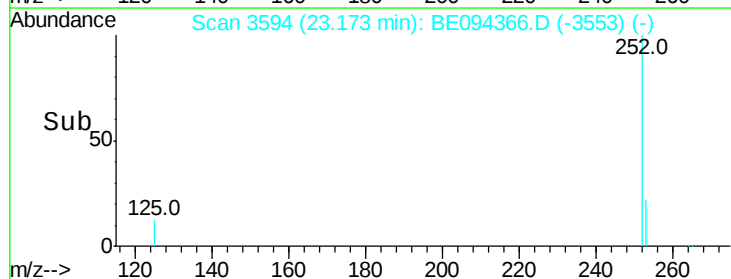
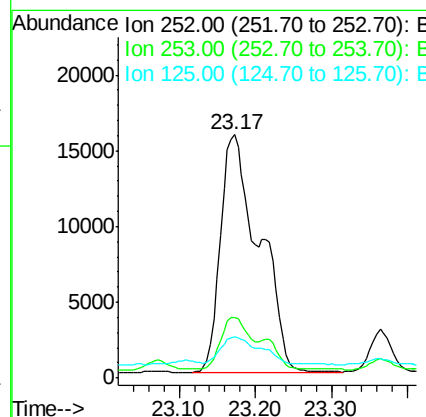
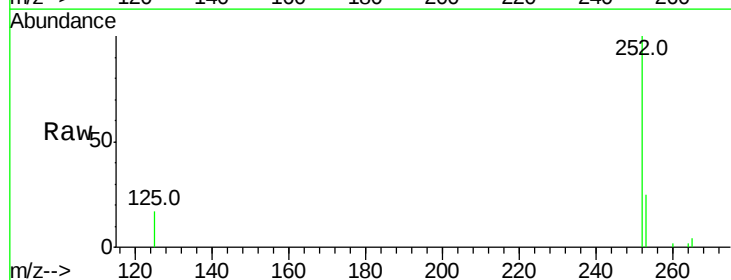


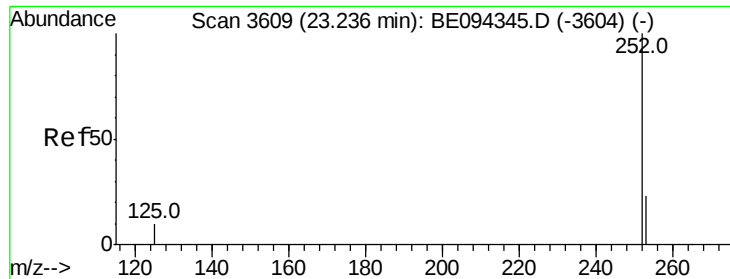
#21

Benzo(b)fluoranthene

Concen: 1.847 ng/ul
 RT: 23.17 min Scan# 3594
 Delta R.T. -0.01 min
 Lab File: BE094366.D
 Acq: 14 Oct 2017 21:52

Tgt Ion:252 Resp: 55169
 Ion Ratio Lower Upper
 252 100
 253 25.0 0.0 64.2
 125 17.0 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 1.595 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.06 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :

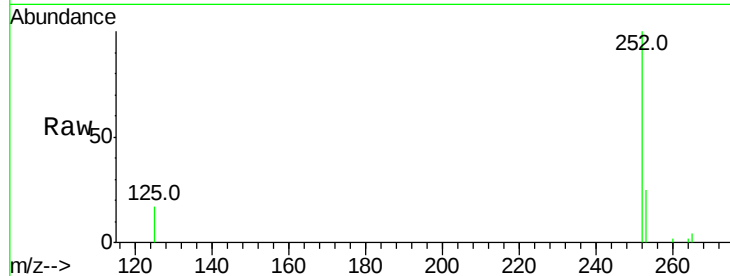
Tot Ion:252 Resp: 55075

Ion Ratio Lower Upper

252 100

253 25.0 24.5 36.7

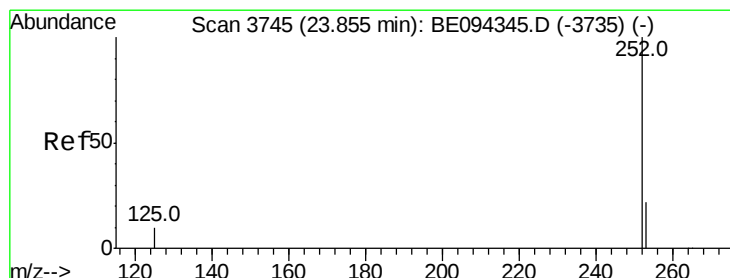
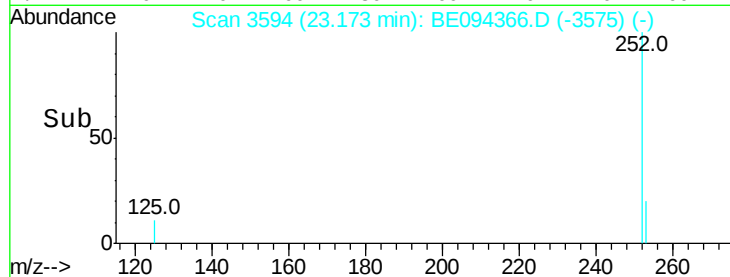
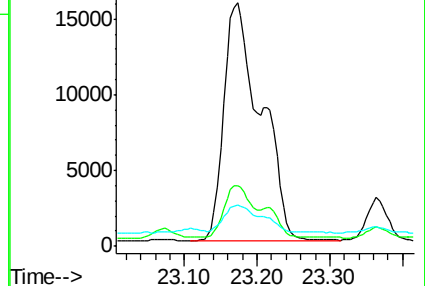
125 17.0 13.7 20.5



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: 0.957 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.03 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

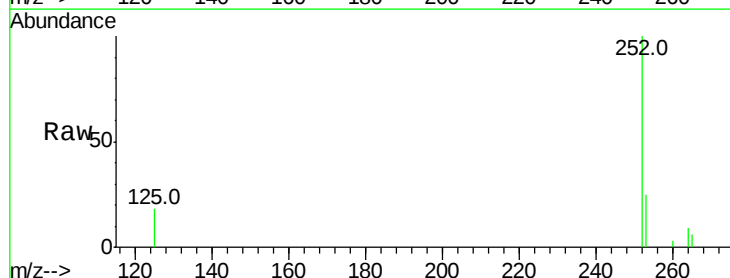
Tgt Ion:252 Resp: 29699

Ion Ratio Lower Upper

252 100

253 25.5 28.5 42.7#

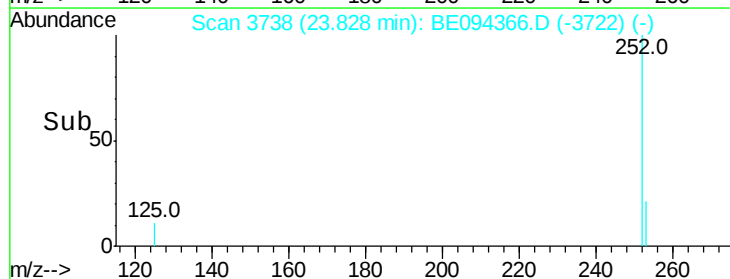
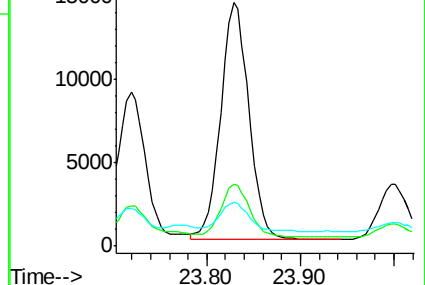
125 17.9 18.1 27.1#

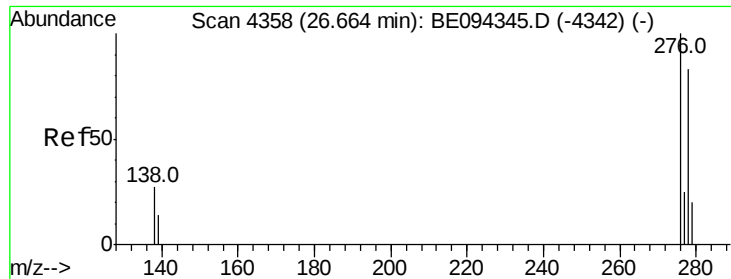


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



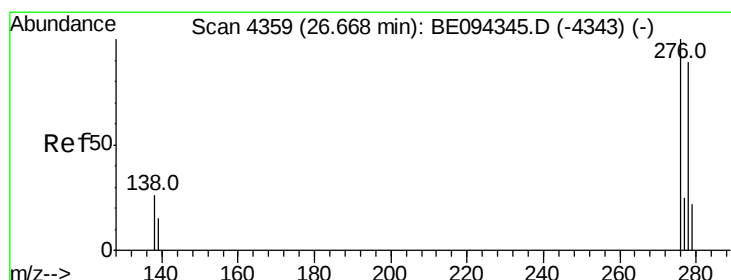
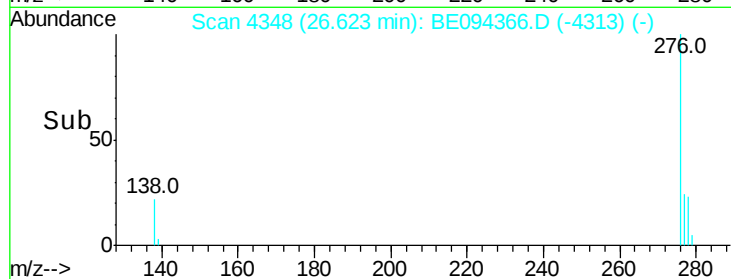
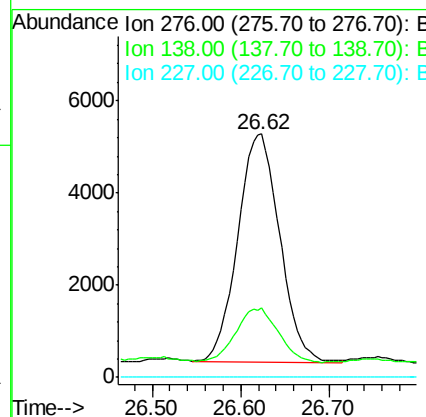
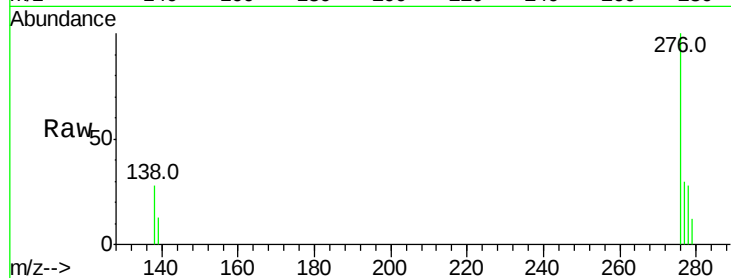


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.514 ng/ul
RT: 26.62 min Scan# 4348
Delta R.T. -0.04 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :

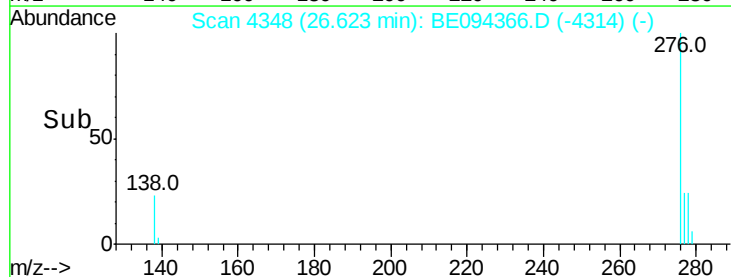
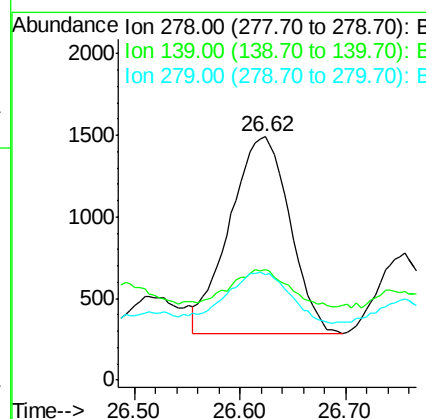
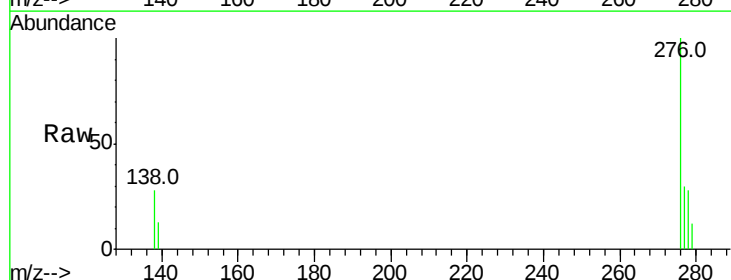
Tot Ion:276 Resp: 16324
Ion Ratio Lower Upper
276 100
138 24.0 28.0 42.0#
227 0.0 8.0 12.0#

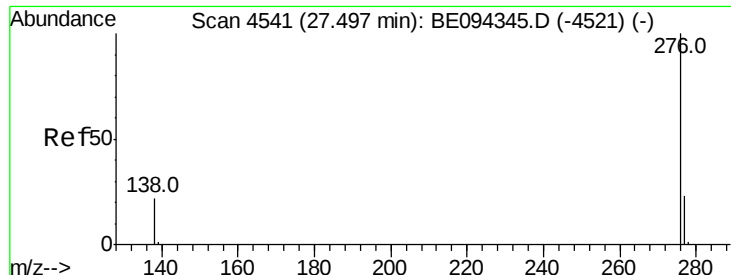


#25

Dibenzo(a,h)anthracene
Concen: 0.179 ng/ul
RT: 26.62 min Scan# 4348
Delta R.T. -0.04 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Tgt Ion:278 Resp: 4767
Ion Ratio Lower Upper
278 100
139 45.2 17.4 26.0#
279 43.4 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.482 ng/ul

RT: 27.46 min Scan# 4531

Delta R.T. -0.04 min

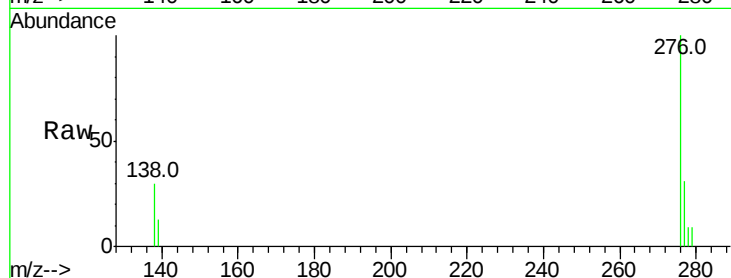
Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 13211

Ion Ratio Lower Upper

276 100

138 29.7 21.8 32.8

277 30.8 20.5 30.7#

