

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094298.D
 Acq On : 12 Oct 2017 2:37
 Operator : SJ/JU
 Sample : I5490-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 08:58:29 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

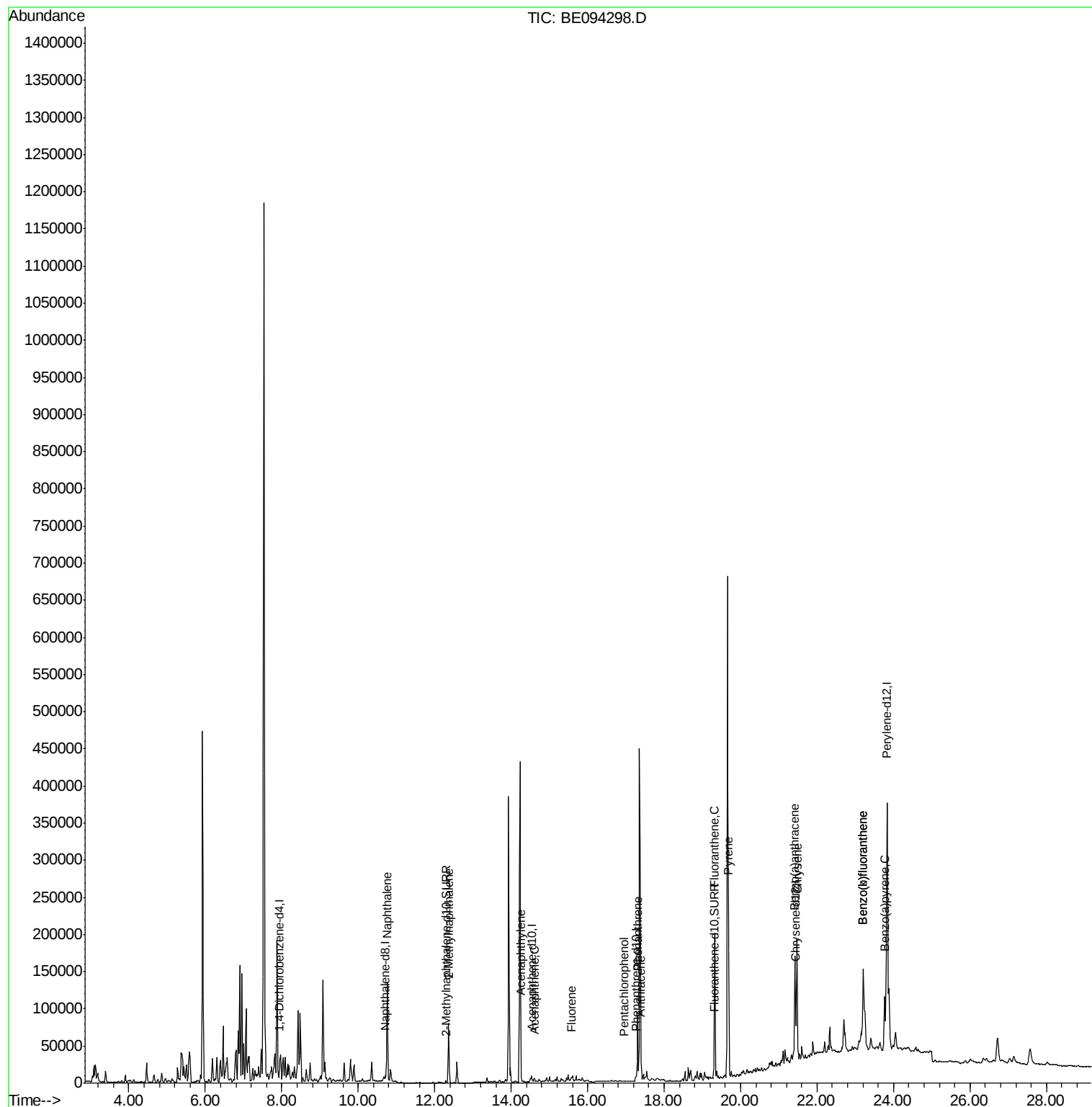
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1737	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5105	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10100	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9671	0.40	ng/ul	0.01
20) Perylene-d12	23.84	264	566718	0.40	ng/ul	-0.12
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3791	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	8983	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	202636	9.774	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	66435	4.940	ng/ul	98
7) Acenaphthylene	14.26	152	7017	0.353	ng/ul#	88
8) Acenaphthene	14.60	153	2950	0.180	ng/ul	90
9) Fluorene	15.58	166	4350	0.227	ng/ul#	75
11) Pentachlorophenol	16.96	266	220	0.186	ng/ul#	73
12) Phenanthrene	17.31	178	100507	3.808	ng/ul#	91
13) Anthracene	17.39	178	23702	0.923	ng/ul	93
15) Fluoranthene	19.32	202	222814	6.425	ng/ul	84
17) Pyrene	19.69	202	217904	8.098	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	131126	5.111	ng/ul#	90
19) Chrysene	21.48	228	194996	6.581	ng/ul#	91
21) Benzo(b)fluoranthene	23.21	252	203859	0.132	ng/ul	88
22) Benzo(k)fluoranthene	23.21	252	204130	0.115	ng/ul#	88
23) Benzo(a)pyrene	23.77	252	128462	0.080	ng/ul#	84

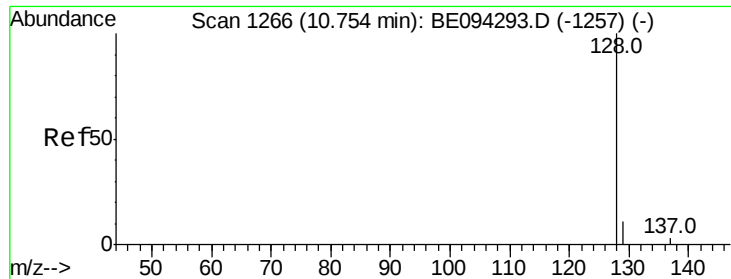
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094298.D
Acq On : 12 Oct 2017 2:37
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 08:58:29 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 9.774 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

ClientSampleId :

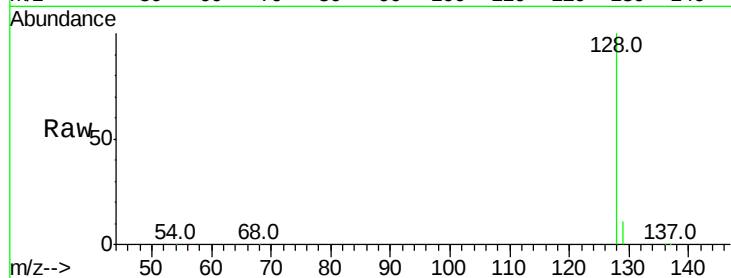
Tot Ion:128 Resp: 202636

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

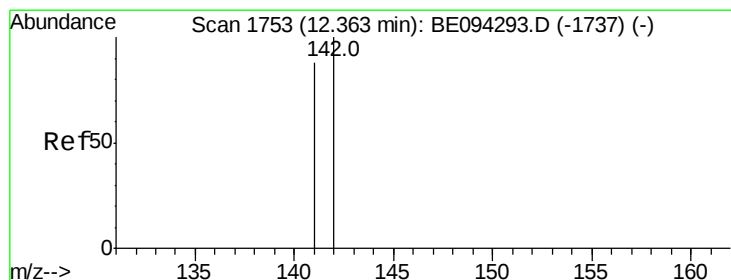
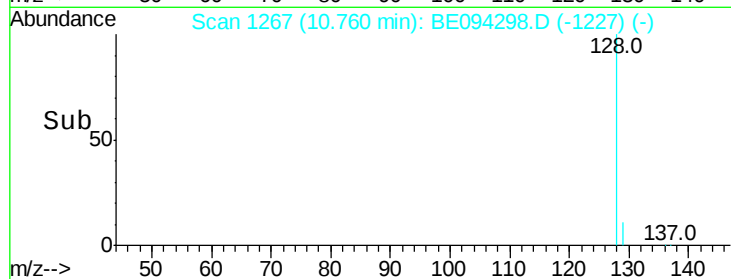
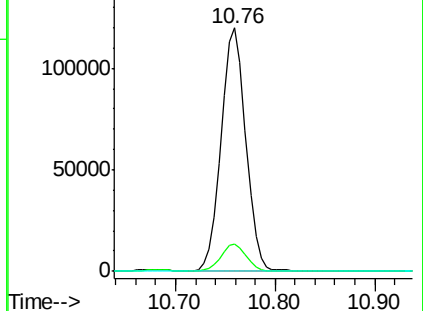
127 0.0 4.0 6.0#



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: 4.940 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BE094298.D

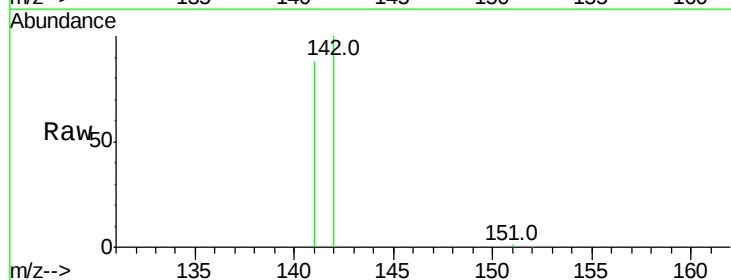
Acq: 12 Oct 2017 2:37

Tgt Ion:142 Resp: 66435

Ion Ratio Lower Upper

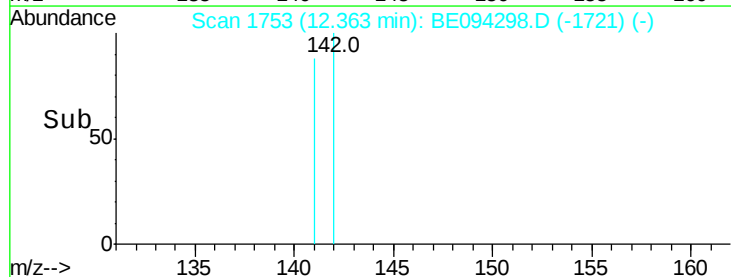
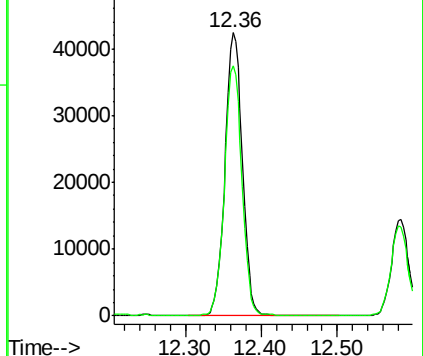
142 100

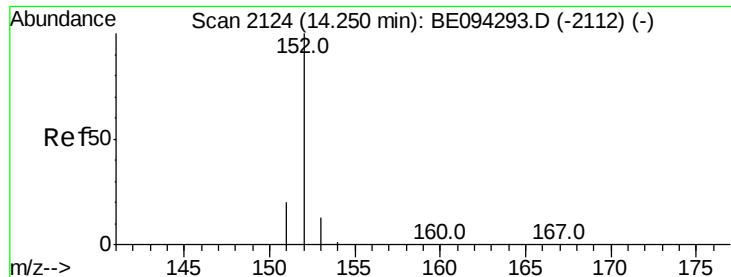
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.353 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

ClientSampleId :

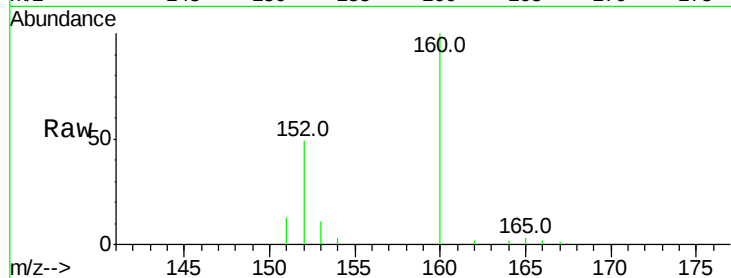
Tot Ion:152 Resp: 7017

Ion Ratio Lower Upper

152 100

151 26.0 17.1 25.7#

153 21.9 12.8 19.2#



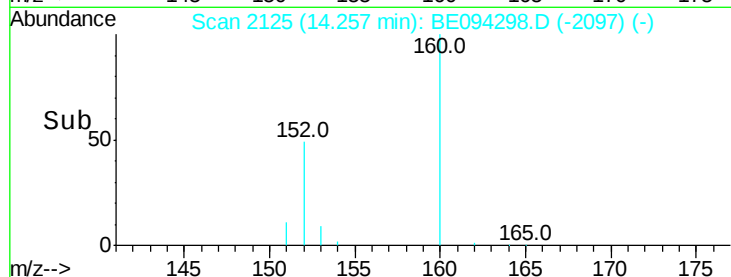
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

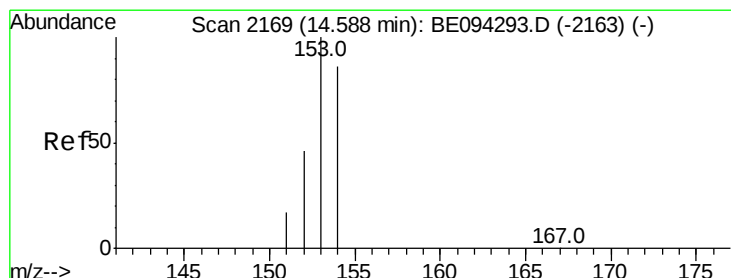
14.26

Time-->



14.26

Time-->



#8

Acenaphthene

Concen: 0.180 ng/ul

RT: 14.60 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

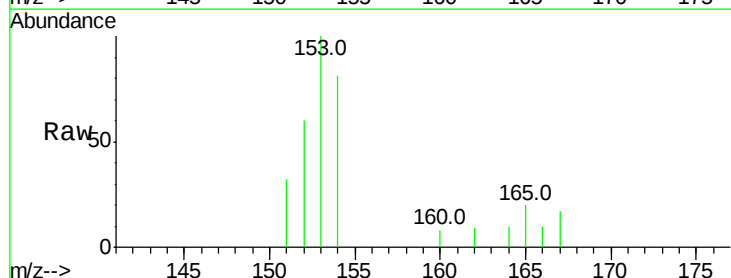
Tgt Ion:153 Resp: 2950

Ion Ratio Lower Upper

153 100

152 59.7 40.3 60.5

154 81.1 71.4 107.2



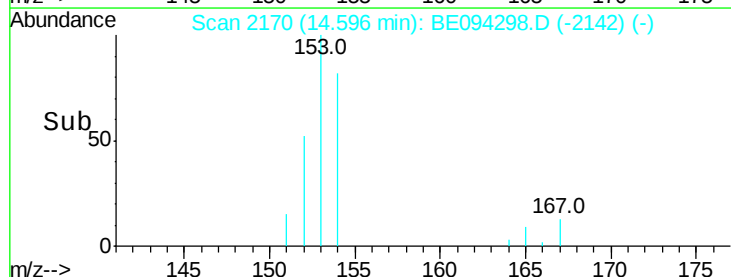
Abundance Ion 153.00 (152.70 to 153.70): E

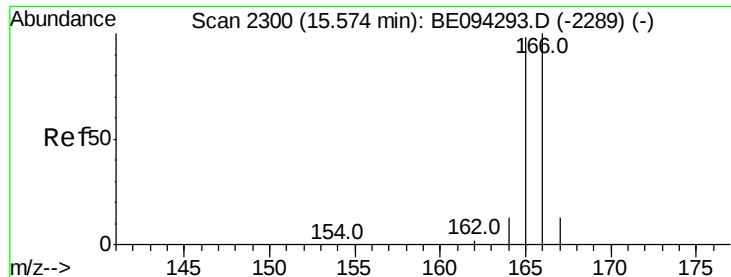
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.60

Time-->

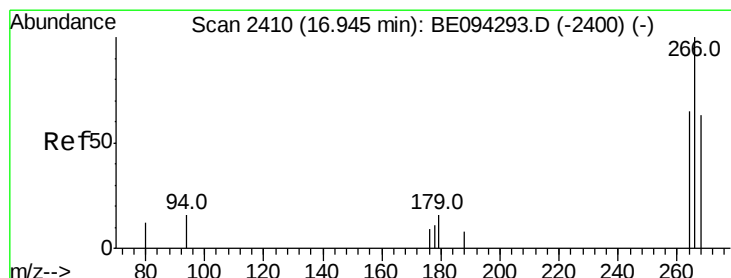
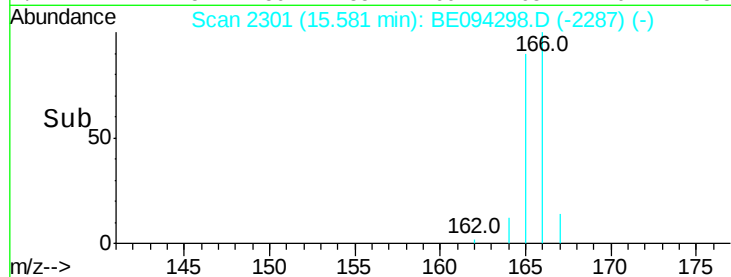
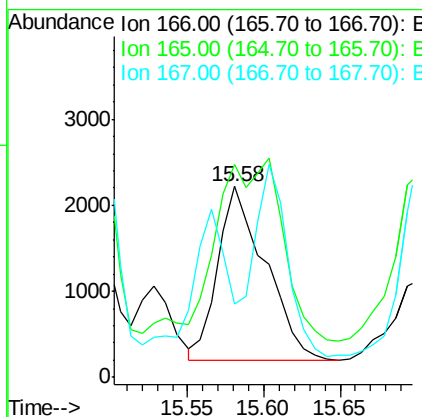
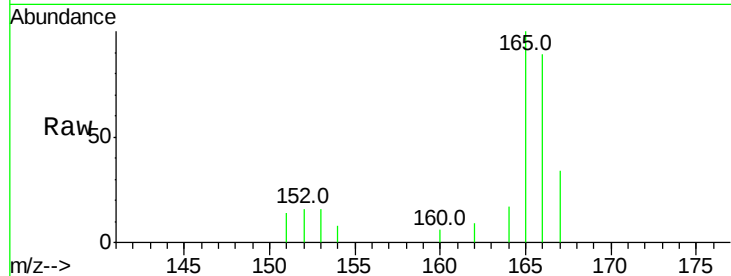




#9
Fluorene
 Concen: 0.227 ng/ul
 RT: 15.58 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BE094298.D
 Acq: 12 Oct 2017 2:37

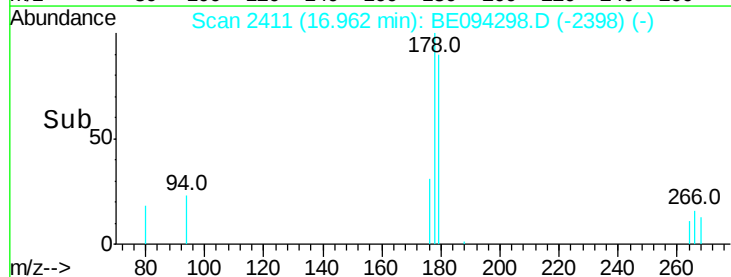
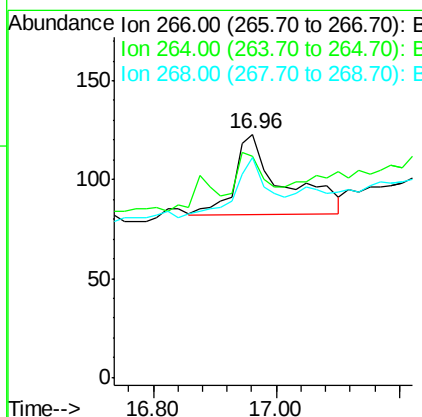
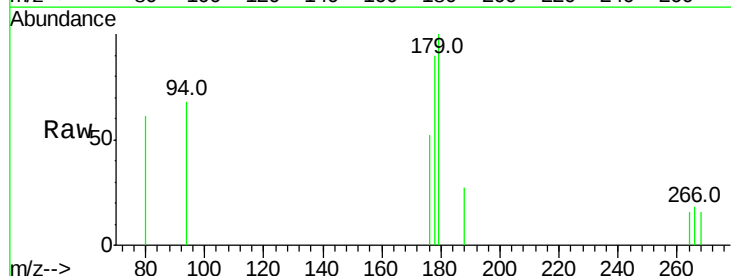
Instrument :
 BNA_E
 ClientSampleId :

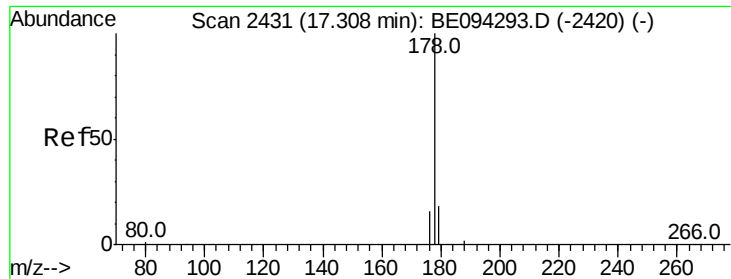
Tot Ion:166 Resp: 4350
 Ion Ratio Lower Upper
 166 100
 165 111.9 73.4 110.2#
 167 38.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.186 ng/ul
 RT: 16.96 min Scan# 2411
 Delta R.T. 0.02 min
 Lab File: BE094298.D
 Acq: 12 Oct 2017 2:37

Tgt Ion:266 Resp: 220
 Ion Ratio Lower Upper
 266 100
 264 29.1 47.9 71.9#
 268 52.3 49.8 74.8





#12

Phenanthrene

Concen: 3.808 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

ClientSampleId :

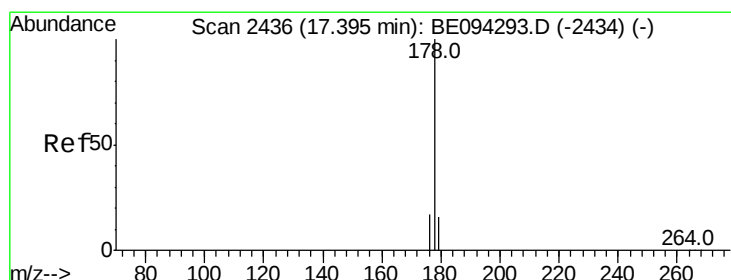
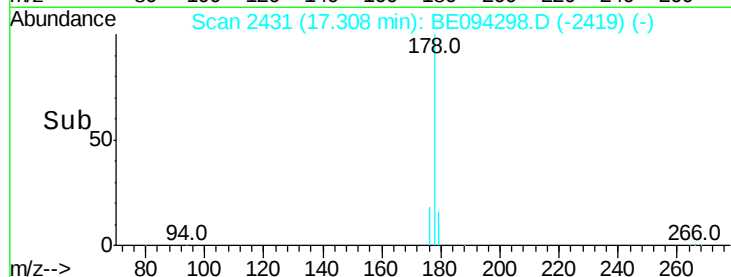
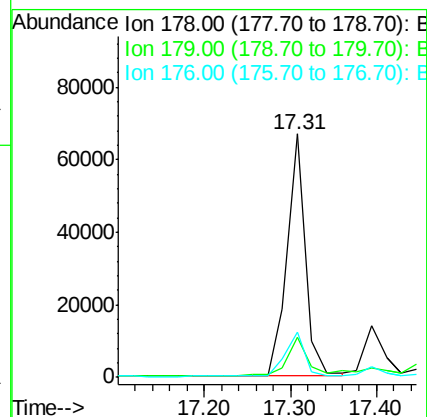
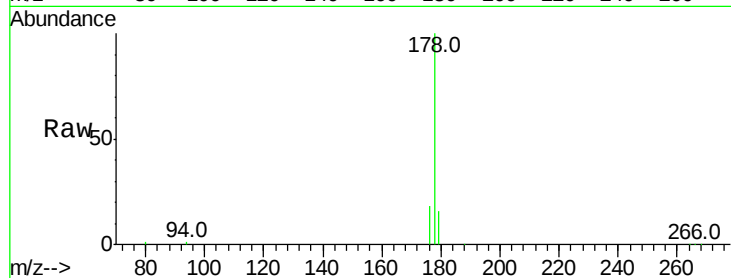
Tot Ion:178 Resp: 100507

Ion Ratio Lower Upper

178 100

179 16.4 18.4 27.6#

176 18.4 13.6 20.4



#13

Anthracene

Concen: 0.923 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

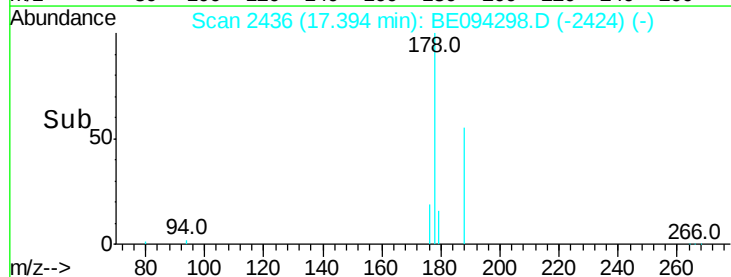
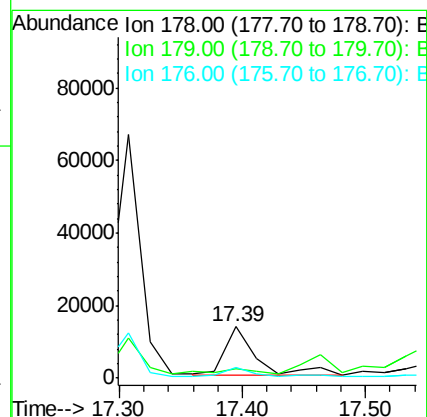
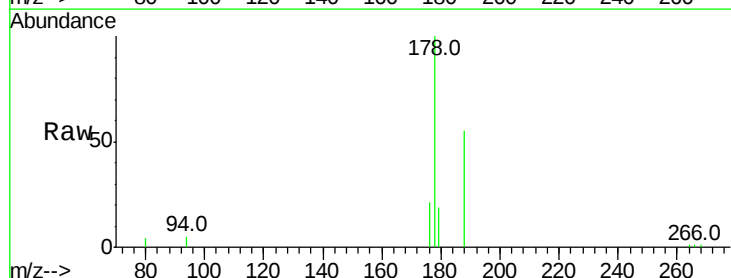
Tgt Ion:178 Resp: 23702

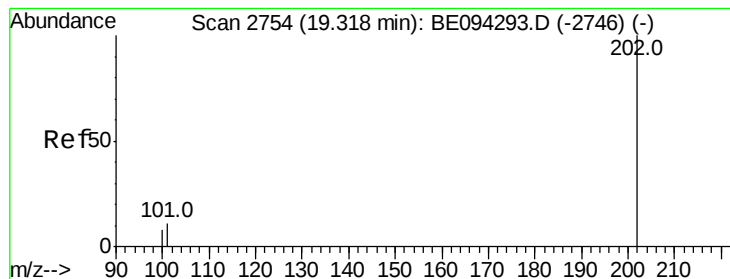
Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

176 21.2 14.7 22.1





#15

Fluoranthene

Concen: 6.425 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

ClientSampleId :

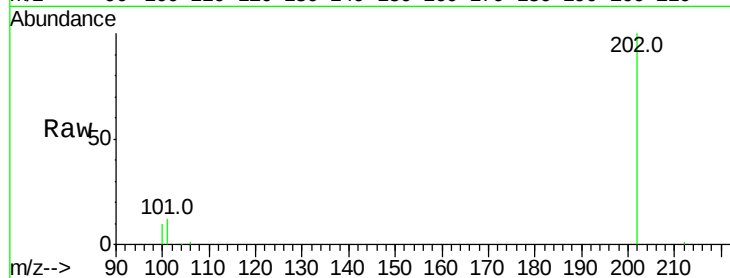
Tot Ion:202 Resp: 222814

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

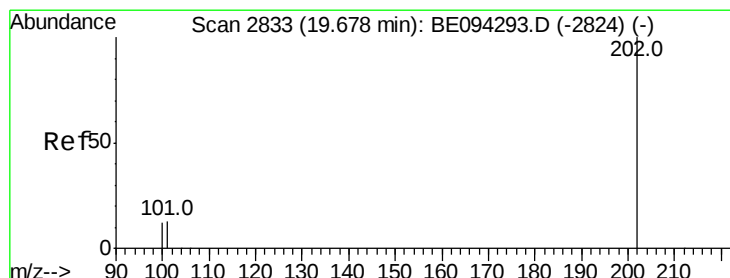
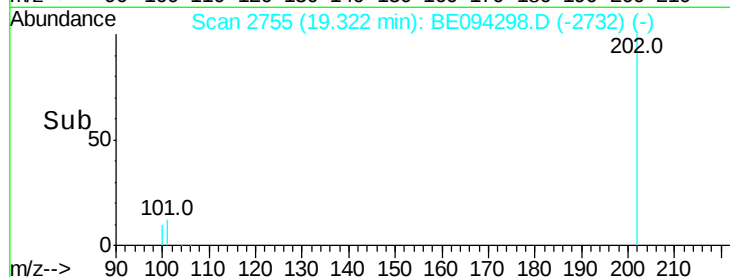
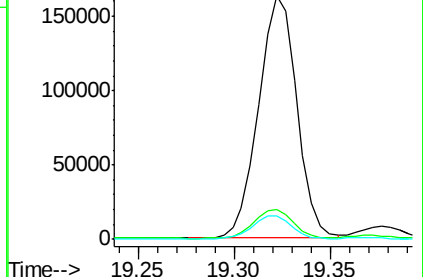
100 9.8 0.0 39.5



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: 8.098 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

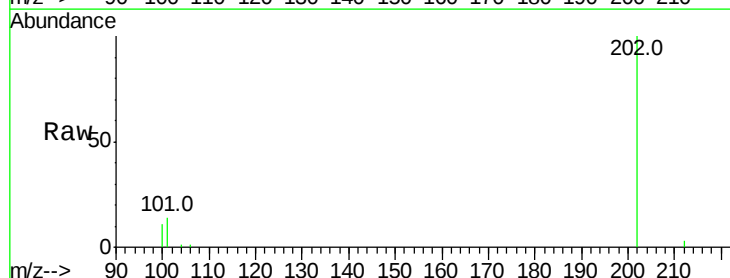
Tgt Ion:202 Resp: 217904

Ion Ratio Lower Upper

202 100

101 14.0 18.2 27.4#

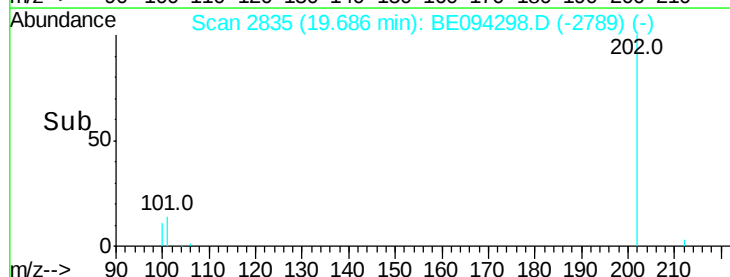
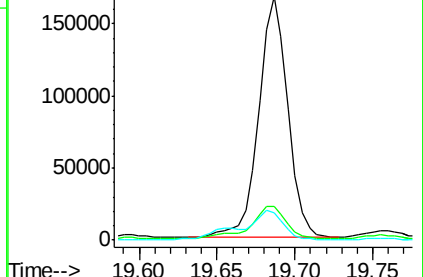
100 11.4 15.6 23.4#

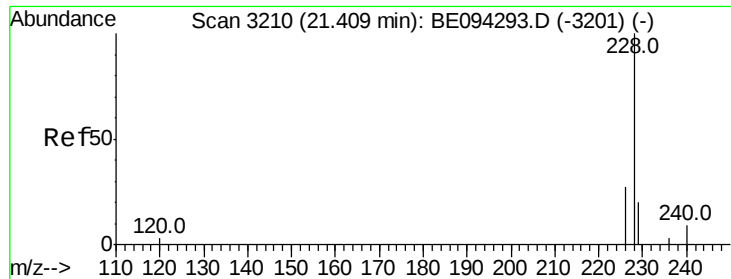


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

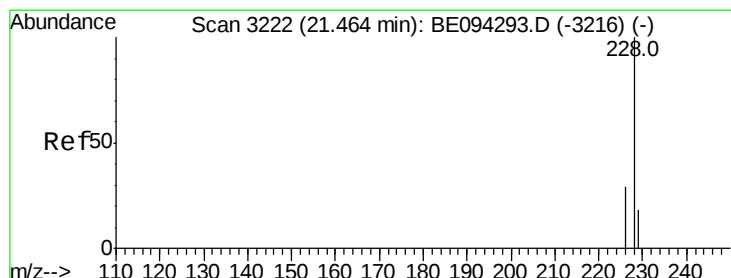
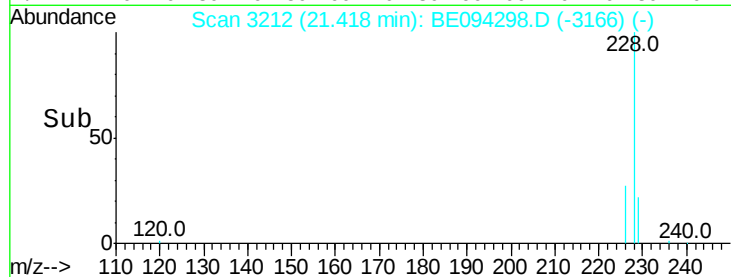
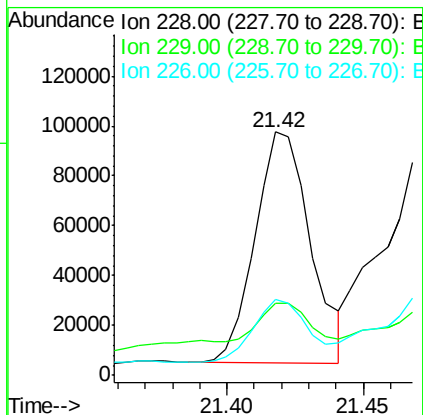
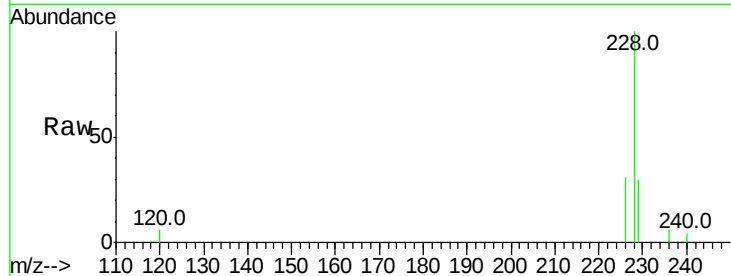




#18
Benzo(a)anthracene
Concen: 5.111 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

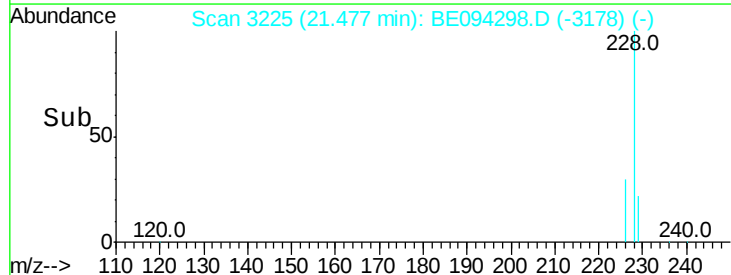
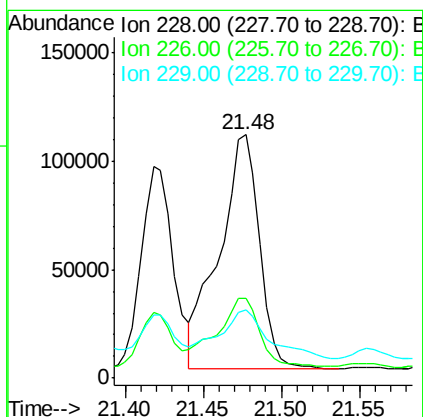
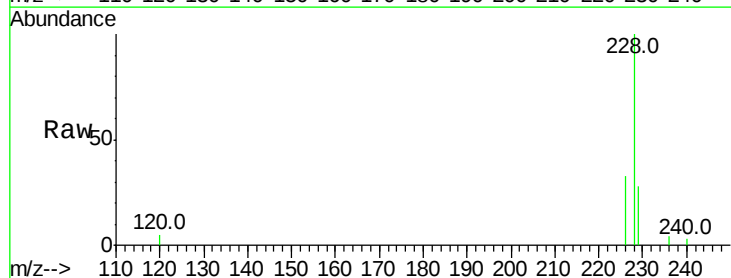
Instrument :
BNA_E
ClientSampleId :

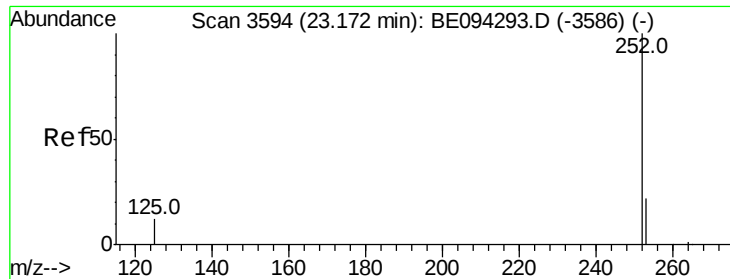
Tot Ion:228 Resp: 131126
Ion Ratio Lower Upper
228 100
229 29.6 22.8 34.2
226 31.1 17.0 25.6#



#19
Chrysene
Concen: 6.581 ng/ul
RT: 21.48 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Tgt Ion:228 Resp: 194996
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.0
229 27.9 17.7 26.5#

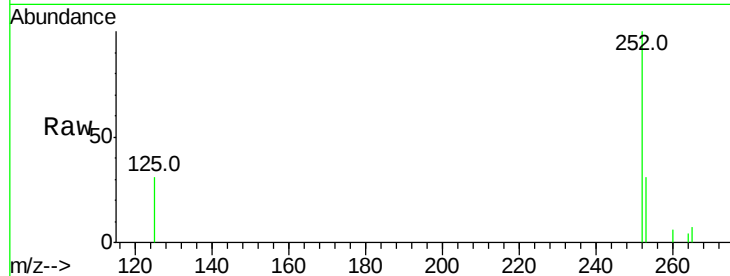




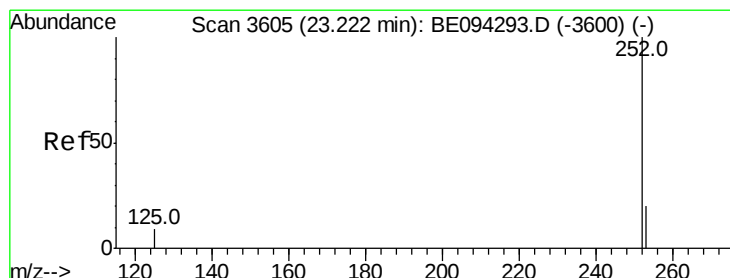
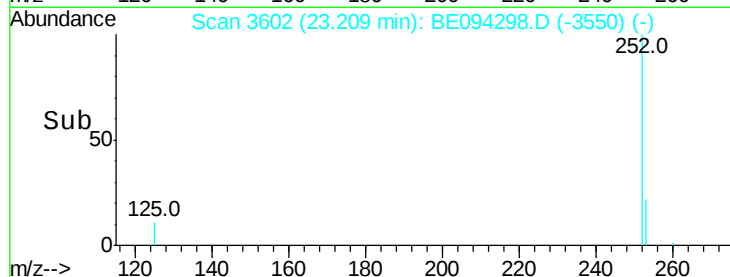
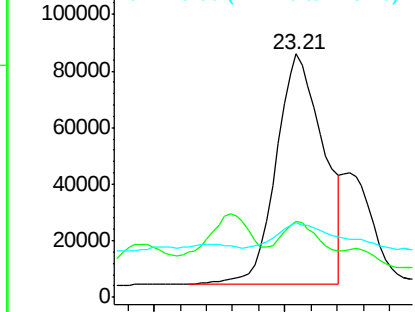
#21
Benzo(b)fluoranthene
Concen: 0.132 ng/u1
RT: 23.21 min Scan# 3602
Delta R.T. 0.04 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 203859
Ion Ratio Lower Upper
252 100
253 31.0 0.0 64.2
125 30.6 0.0 35.0

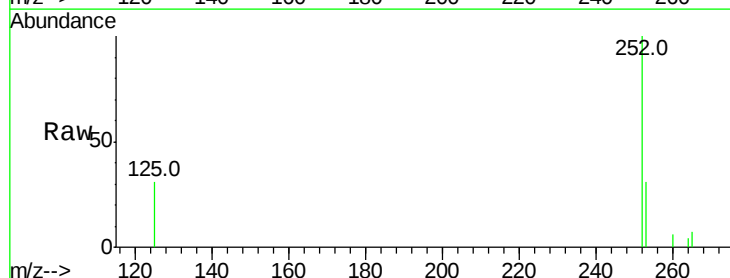


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

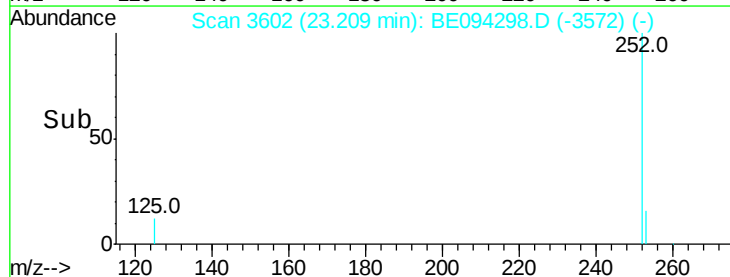
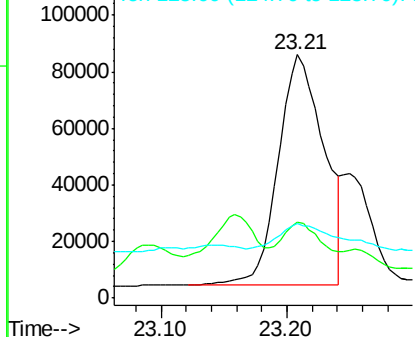


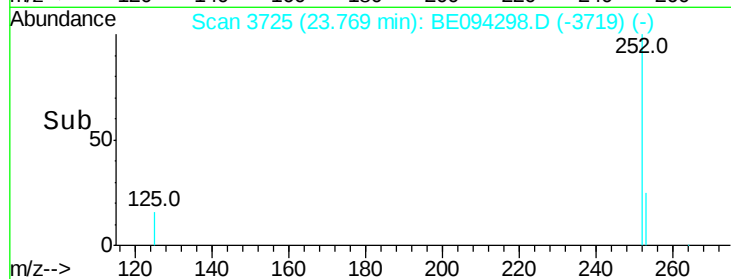
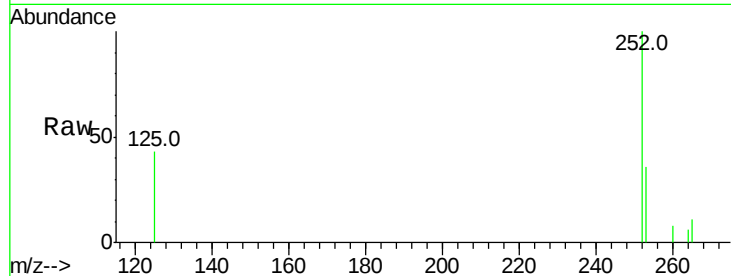
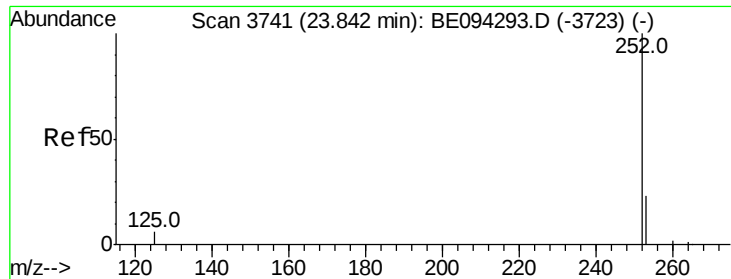
#22
Benzo(k)fluoranthene
Concen: 0.115 ng/u1
RT: 23.21 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BE094298.D
Acq: 12 Oct 2017 2:37

Tgt Ion:252 Resp: 204130
Ion Ratio Lower Upper
252 100
253 31.0 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: 0.080 ng/ul

RT: 23.77 min Scan# 3725

Delta R.T. -0.07 min

Lab File: BE094298.D

Acq: 12 Oct 2017 2:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 128462

Ion Ratio Lower Upper

252 100

253 35.6 28.5 42.7

125 42.5 18.1 27.1#

