

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094241.D
 Acq On : 10 Oct 2017 3:36
 Operator : SJ/JU
 Sample : I5522-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 08:52:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13659	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8112	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	16678	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	15727	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	828320	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	4973	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	11357	0.20	ng/ul	-0.01

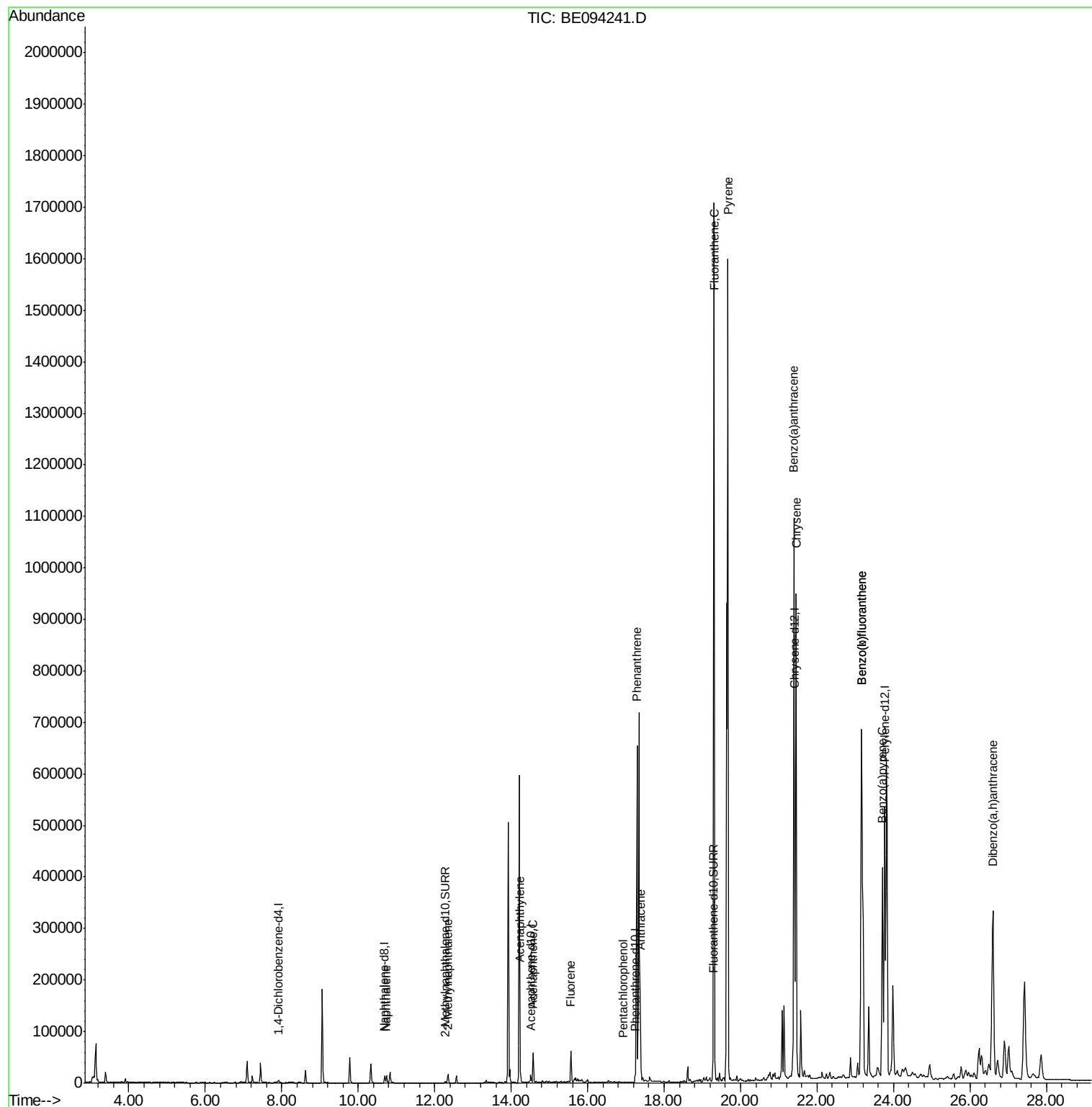
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	20665	0.62	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	14915	0.69	ng/ul	98
7) Acenaphthylene	14.23	152	27962	0.88	ng/ul	98
8) Acenaphthene	14.57	153	34799	1.34	ng/ul	97
9) Fluorene	15.56	166	39526	1.30	ng/ul	92
11) Pentachlorophenol	16.93	266	90	0.05	ng/ul#	88
12) Phenanthrene	17.29	178	795337	18.25	ng/ul#	93
13) Anthracene	17.38	178	182953	4.32	ng/ul#	92
15) Fluoranthene	19.30	202	1889521	33.00	ng/ul	84
17) Pyrene	19.67	202	1739366	39.75	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	1022342	24.50	ng/ul#	86
19) Chrysene	21.45	228	976270	20.26	ng/ul	98
21) Benzo(b)fluoranthene	23.16	252	1198316	0.53	ng/ul	86
22) Benzo(k)fluoranthene	23.16	252	1198316	0.46	ng/ul#	87
23) Benzo(a)pyrene	23.71	252	620397	0.27	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.60	278	94136	0.05	ng/ul	94

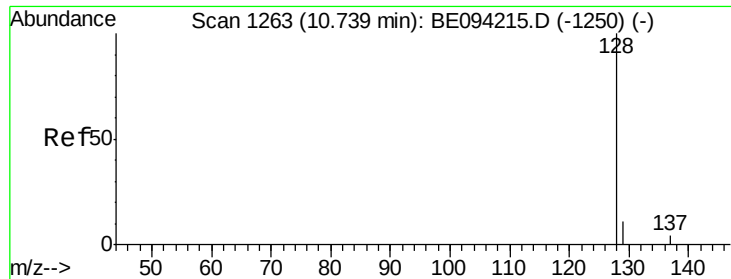
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094241.D
Acq On : 10 Oct 2017 3:36
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Oct 10 08:52:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.62 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

Instrument :

BNA_E

ClientSampleId :

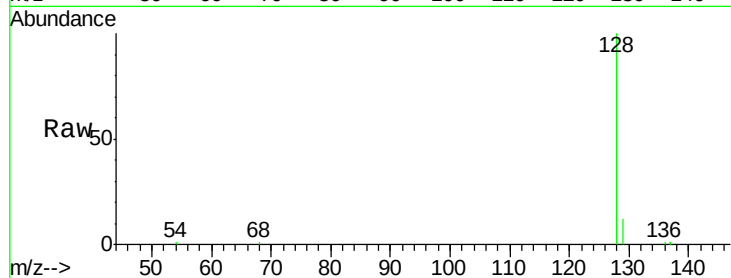
Tot Ion:128 Resp: 20665

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

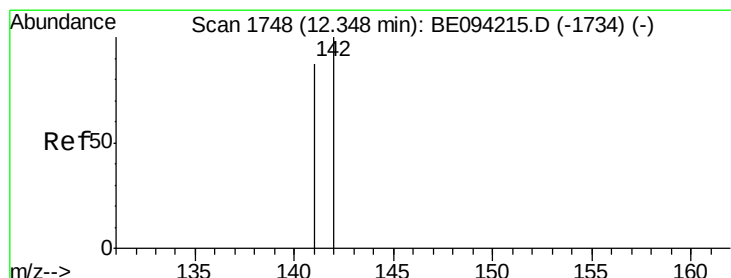
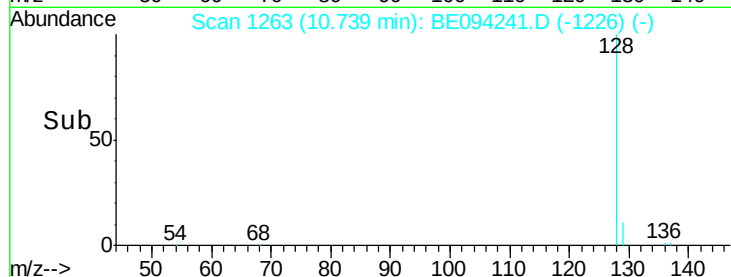
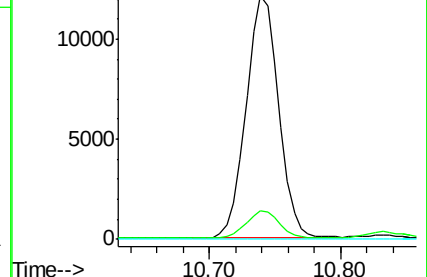
127 0.0 4.0 6.0#



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: 0.69 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BE094241.D

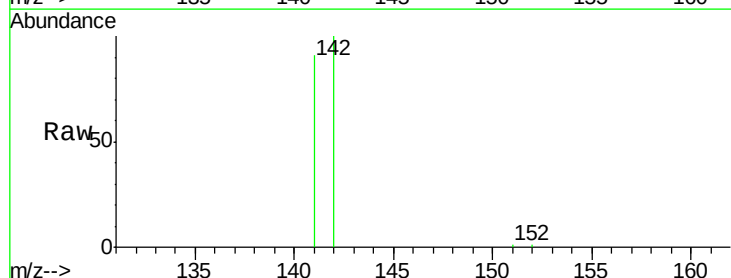
Acq: 10 Oct 2017 3:36

Tgt Ion:142 Resp: 14915

Ion Ratio Lower Upper

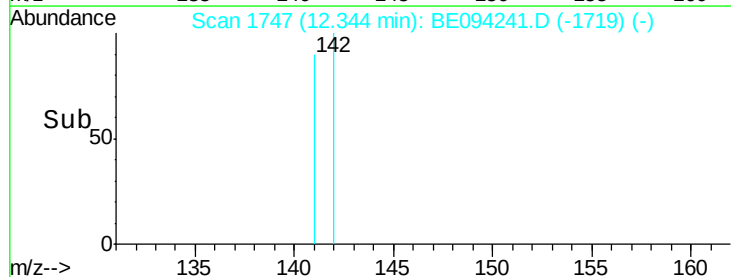
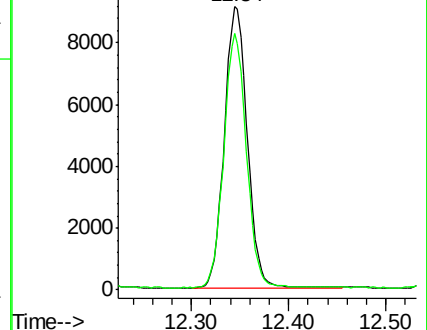
142 100

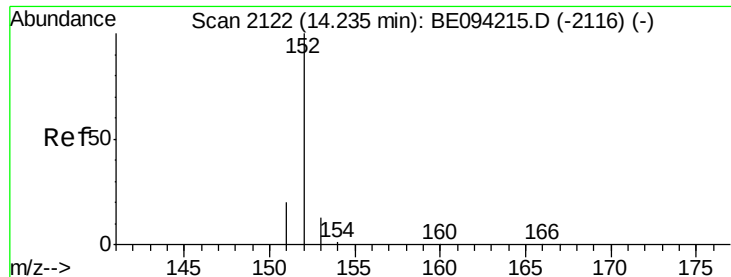
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.88 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

Instrument :

BNA_E

ClientSampleId :

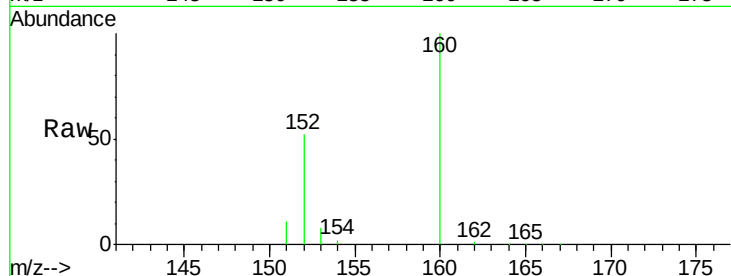
Tot Ion:152 Resp: 27962

Ion Ratio Lower Upper

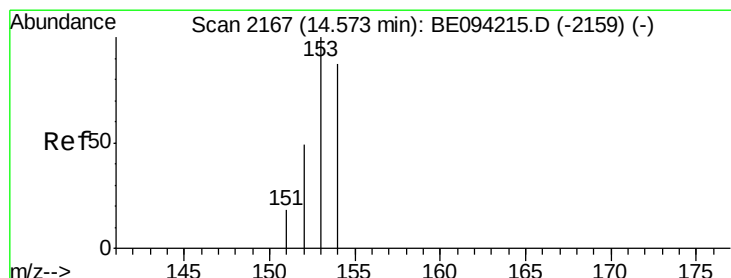
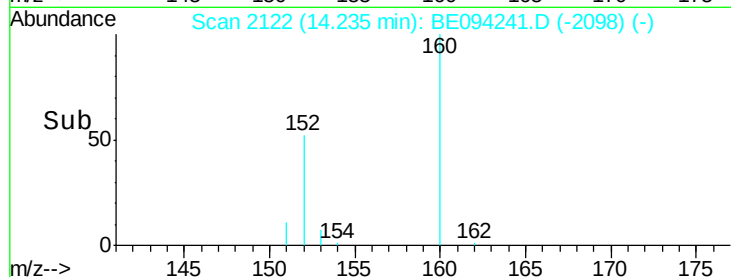
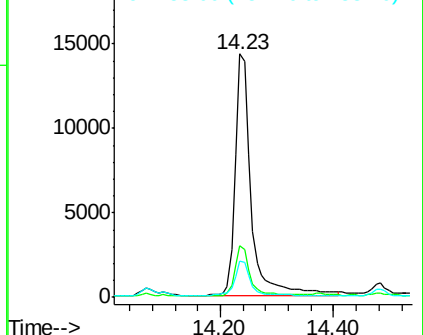
152 100

151 21.0 17.1 25.7

153 14.7 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: 1.34 ng/ul

RT: 14.57 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

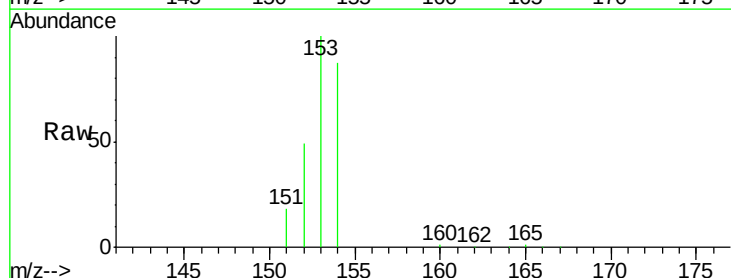
Tgt Ion:153 Resp: 34799

Ion Ratio Lower Upper

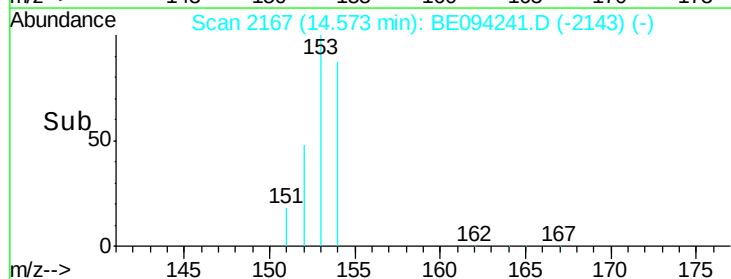
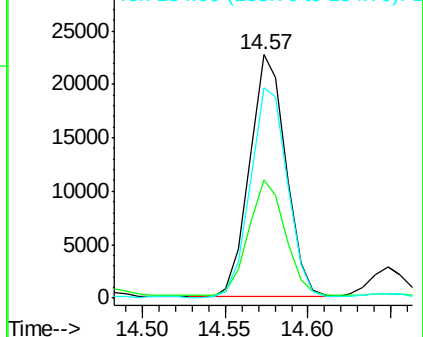
153 100

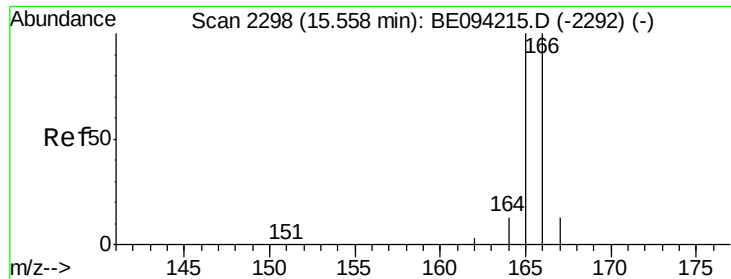
152 48.7 40.3 60.5

154 86.5 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

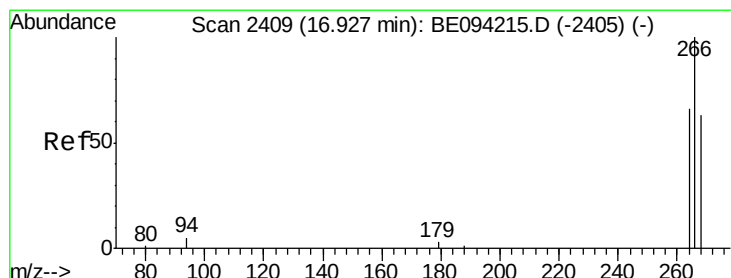
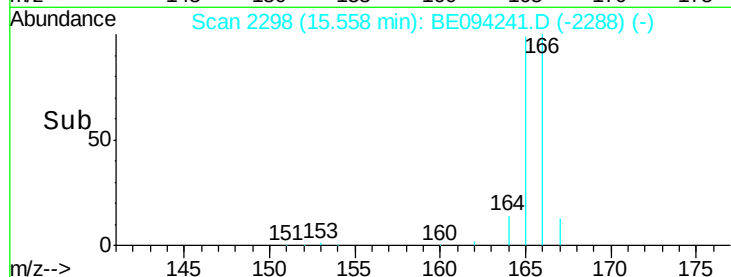
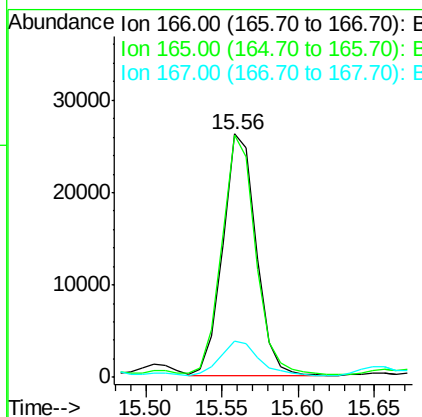
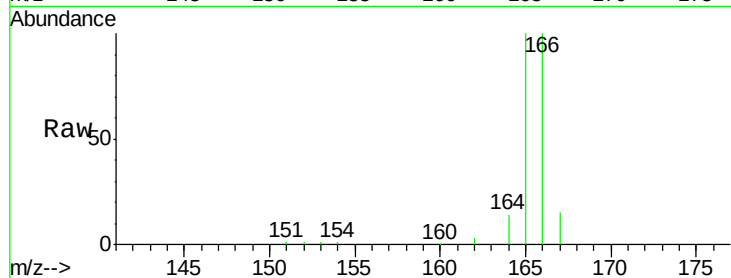




#9
Fluorene
 Concen: 1.30 ng/ul
 RT: 15.56 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: BE094241.D
 Acq: 10 Oct 2017 3:36

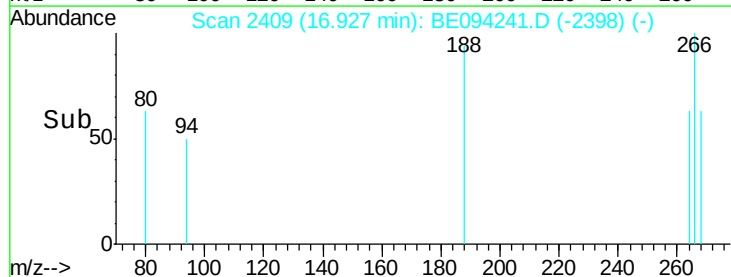
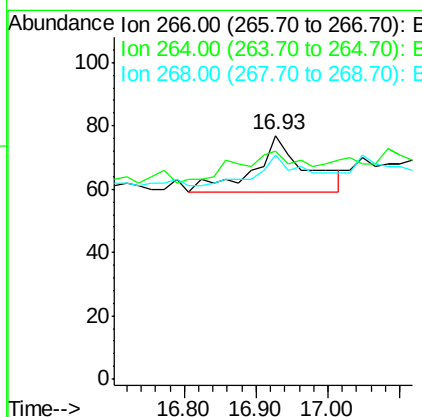
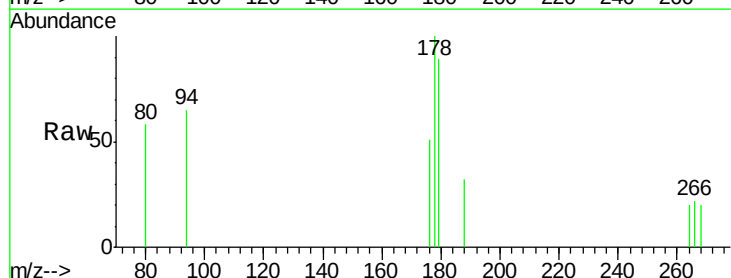
Instrument :
 BNA_E
 ClientSampleId :

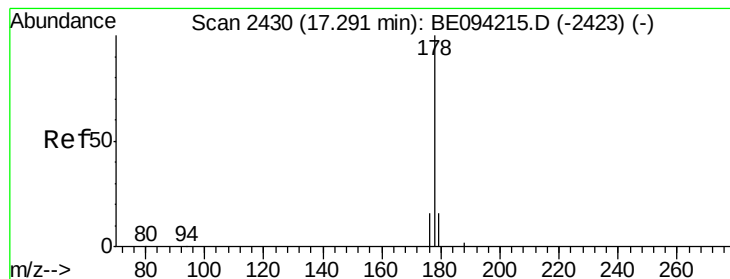
Tot Ion:166 Resp: 39526
 Ion Ratio Lower Upper
 166 100
 165 99.8 73.4 110.2
 167 15.1 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.05 ng/ul
 RT: 16.93 min Scan# 2409
 Delta R.T. -0.02 min
 Lab File: BE094241.D
 Acq: 10 Oct 2017 3:36

Tgt Ion:266 Resp: 90
 Ion Ratio Lower Upper
 266 100
 264 55.6 47.9 71.9
 268 47.8 49.8 74.8#





#12

Phenanthrene

Concen: 18.25 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

Instrument :

BNA_E

ClientSampleId :

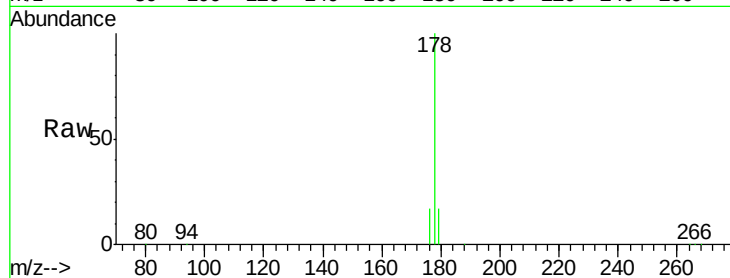
Tot Ion:178 Resp: 795337

Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

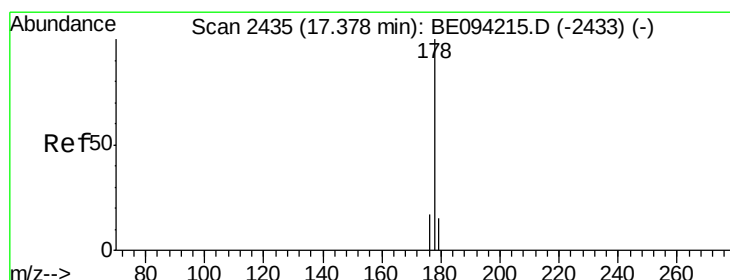
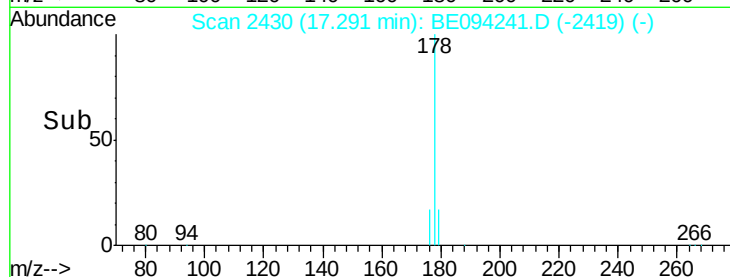
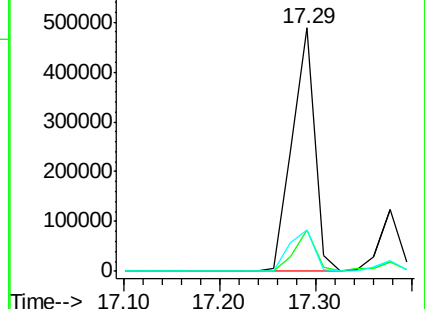
176 16.9 13.6 20.4



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: 4.32 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

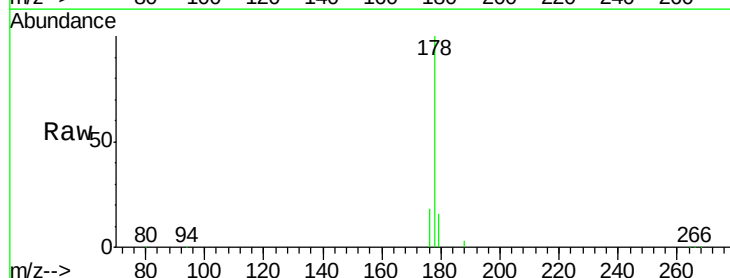
Tgt Ion:178 Resp: 182953

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

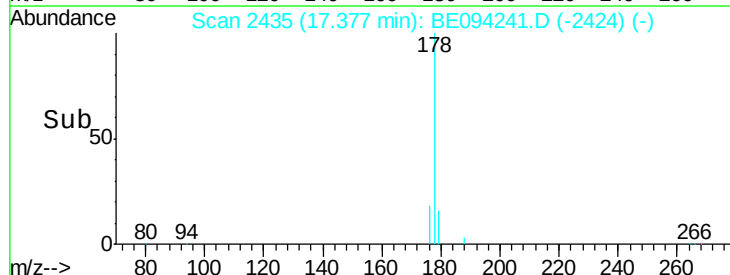
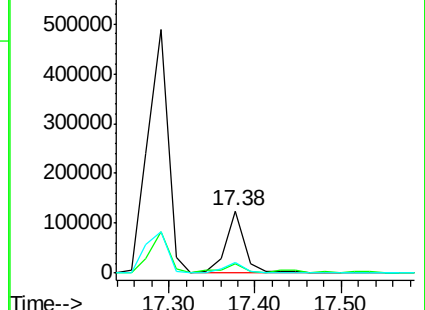
176 18.0 14.7 22.1

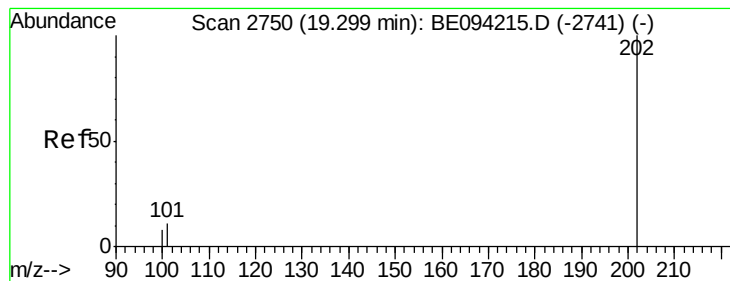


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 33.00 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

Instrument :

BNA_E

ClientSampleId :

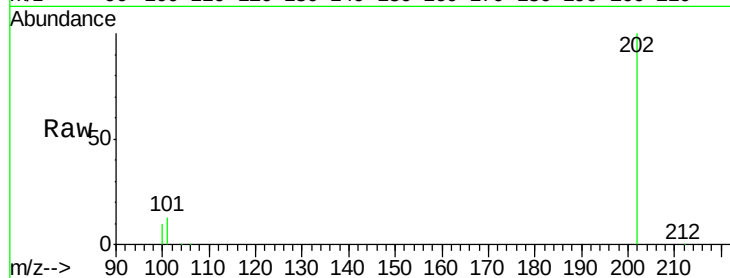
Tot Ion:202 Resp: 1889521

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.3

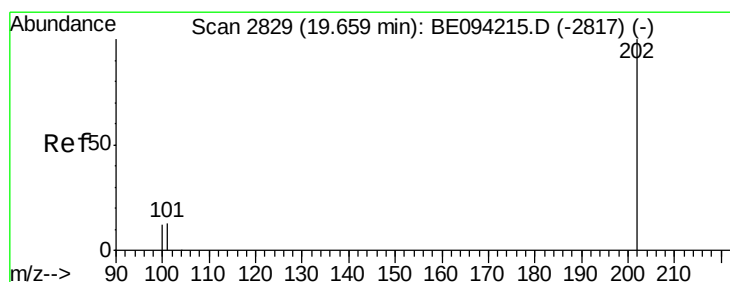
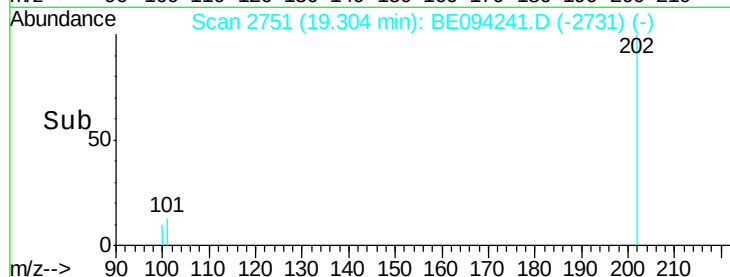
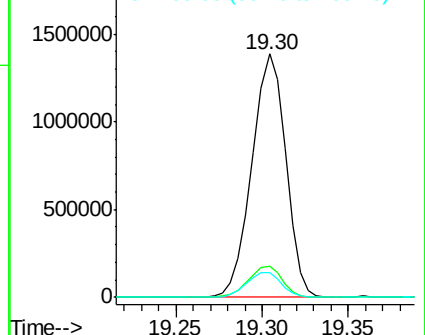
100 10.2 0.0 39.5



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: 39.75 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

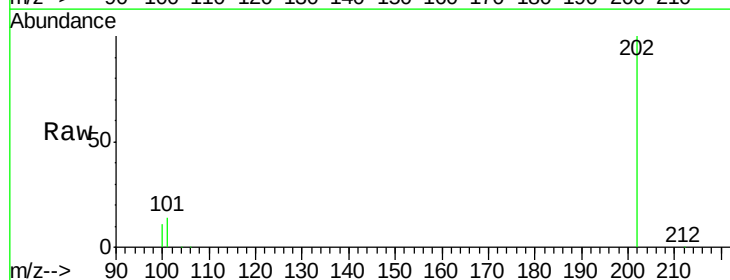
Tgt Ion:202 Resp: 1739366

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

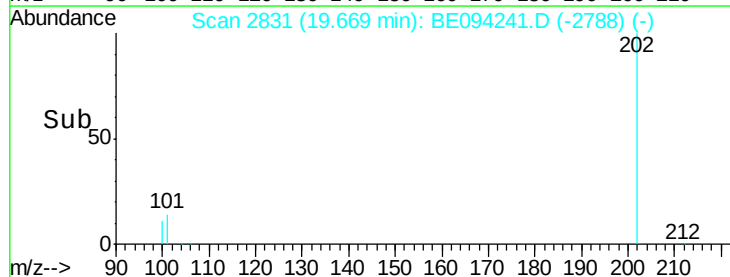
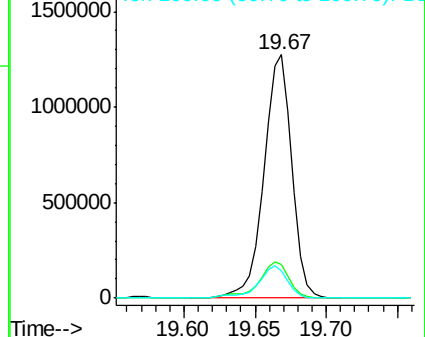
100 11.4 15.6 23.4#

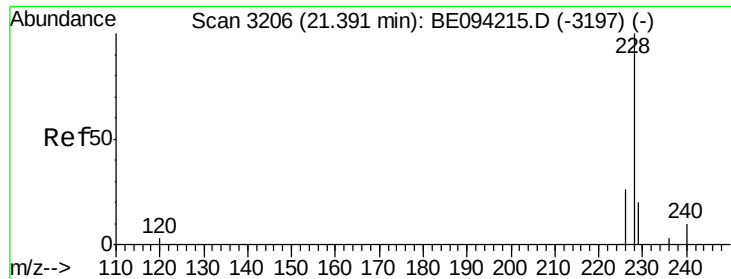


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

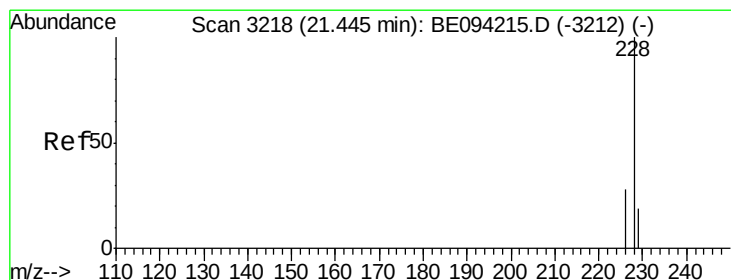
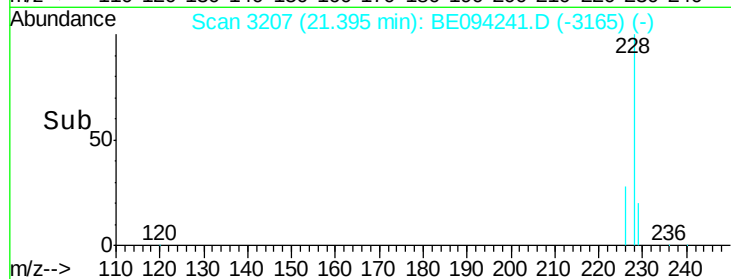
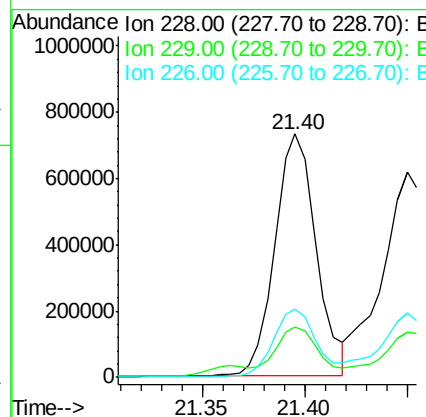
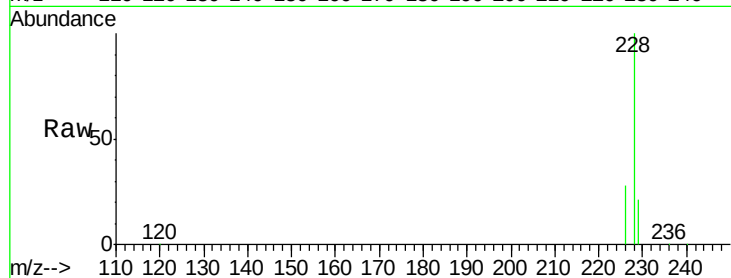




#18
Benzo(a)anthracene
Concen: 24.50 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094241.D
Acq: 10 Oct 2017 3:36

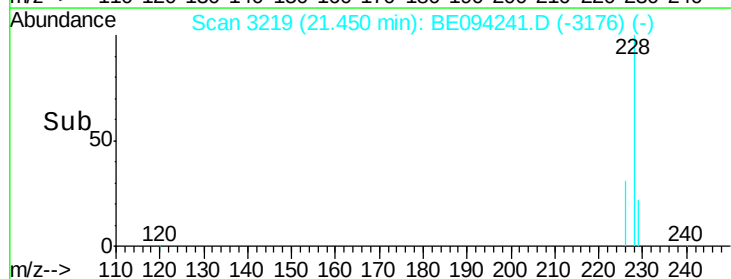
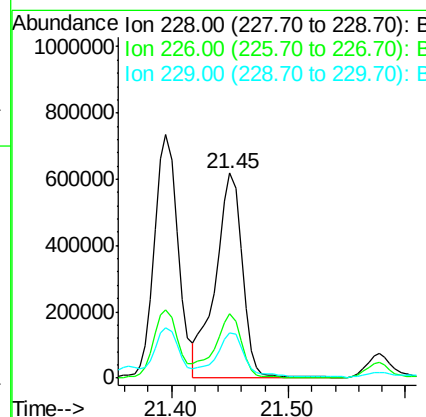
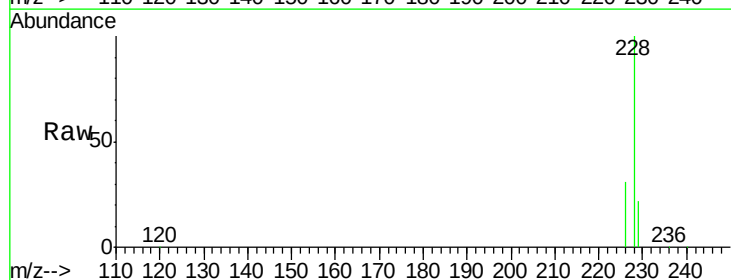
Instrument :
BNA_E
ClientSampleId :

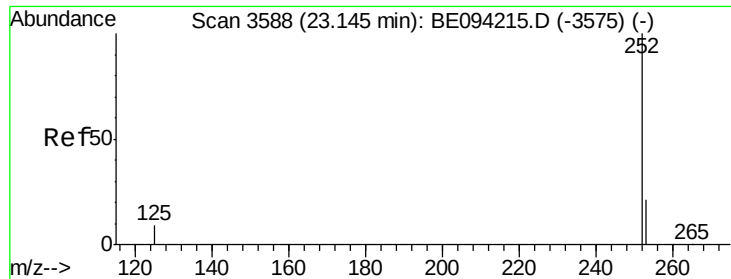
Tot Ion:228 Resp: 1022342
Ion Ratio Lower Upper
228 100
229 20.8 22.8 34.2#
226 27.8 17.0 25.6#



#19
Chrysene
Concen: 20.26 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE094241.D
Acq: 10 Oct 2017 3:36

Tgt Ion:228 Resp: 976270
Ion Ratio Lower Upper
228 100
226 31.2 23.4 35.0
229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.53 ng/ul

RT: 23.16 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

Instrument :

BNA_E

ClientSampleId :

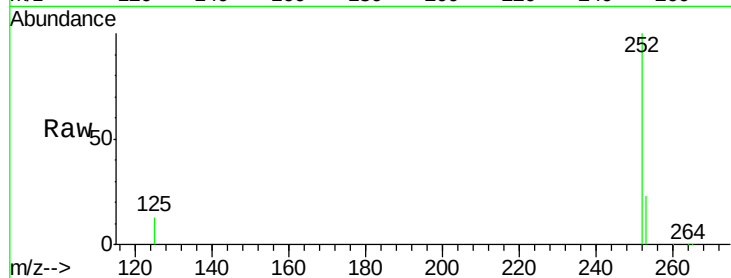
Tot Ion:252 Resp: 1198316

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

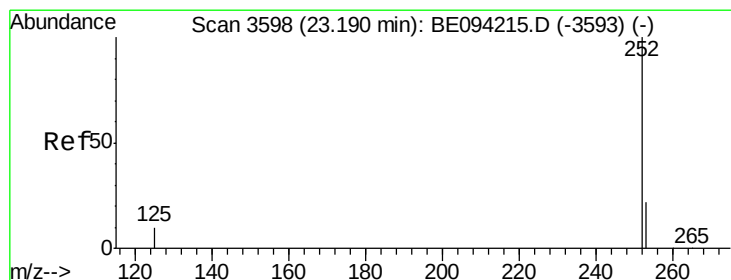
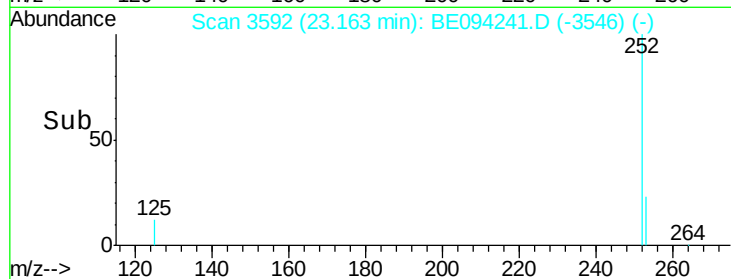
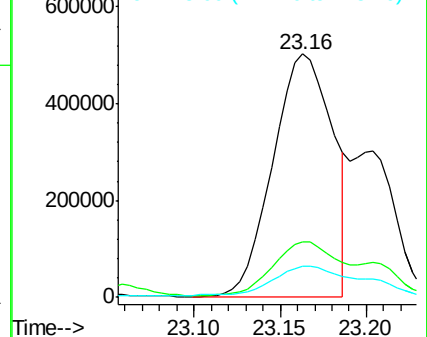
125 12.7 0.0 35.0



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: 0.46 ng/ul

RT: 23.16 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BE094241.D

Acq: 10 Oct 2017 3:36

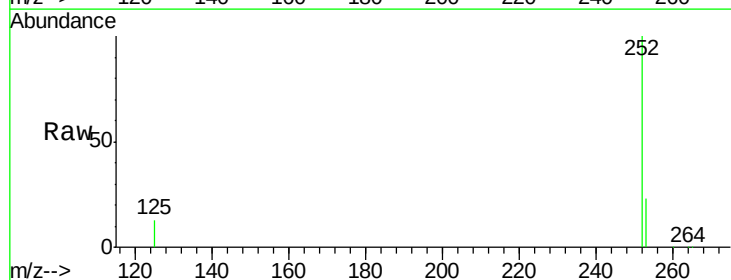
Tgt Ion:252 Resp: 1198316

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

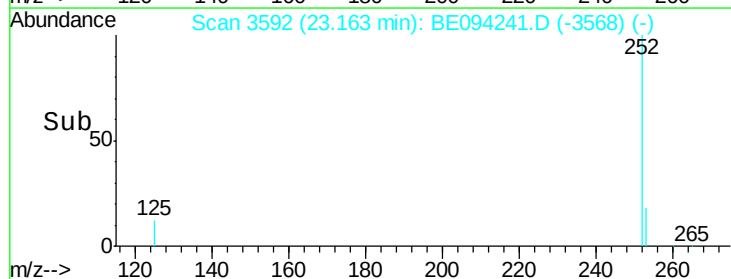
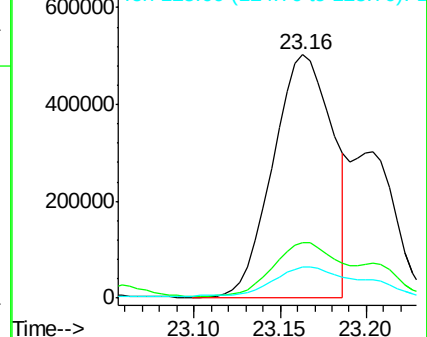
125 12.7 13.7 20.5#

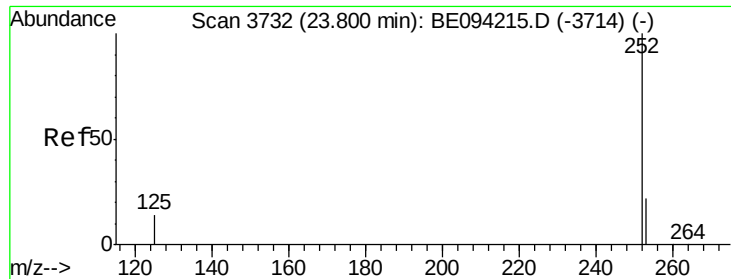


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

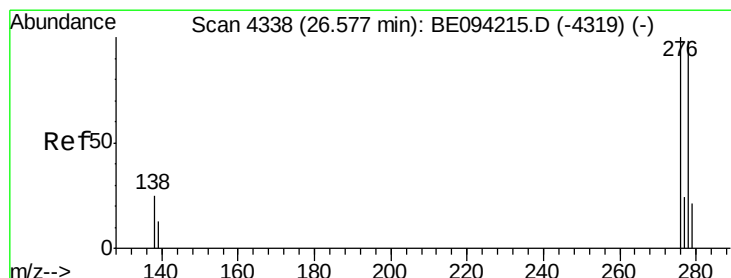
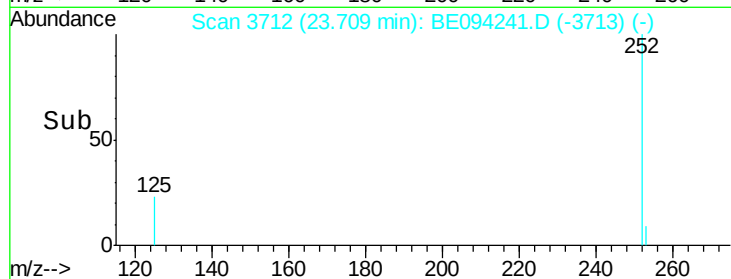
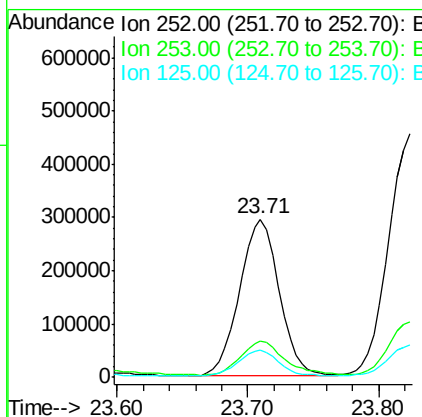
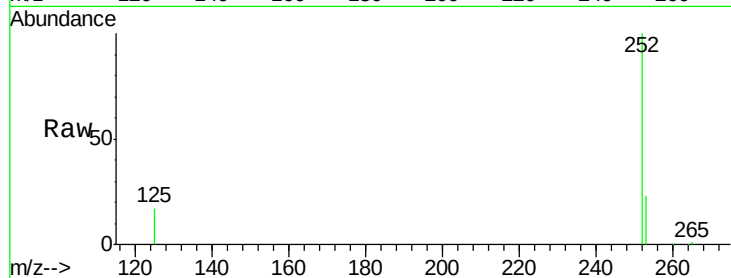




#23
Benzo(a)pyrene
Concen: 0.27 ng/ul
RT: 23.71 min Scan# 3712
Delta R.T. -0.10 min
Lab File: BE094241.D
Acq: 10 Oct 2017 3:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 620397
Ion Ratio Lower Upper
252 100
253 22.7 28.5 42.7#
125 17.4 18.1 27.1#



#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.60 min Scan# 4343
Delta R.T. -0.00 min
Lab File: BE094241.D
Acq: 10 Oct 2017 3:36

Tgt Ion:278 Resp: 94136
Ion Ratio Lower Upper
278 100
139 20.8 17.4 26.0
279 27.7 25.9 38.9

