

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094715.D
 Acq On : 3 Nov 2017 19:43
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.473

Quant Time: Nov 04 00:00:46 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 Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1141	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6985	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.52	164	3873	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8347	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8449	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8366	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	4140	0.37	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	9513	0.38	ng/ul	0.00

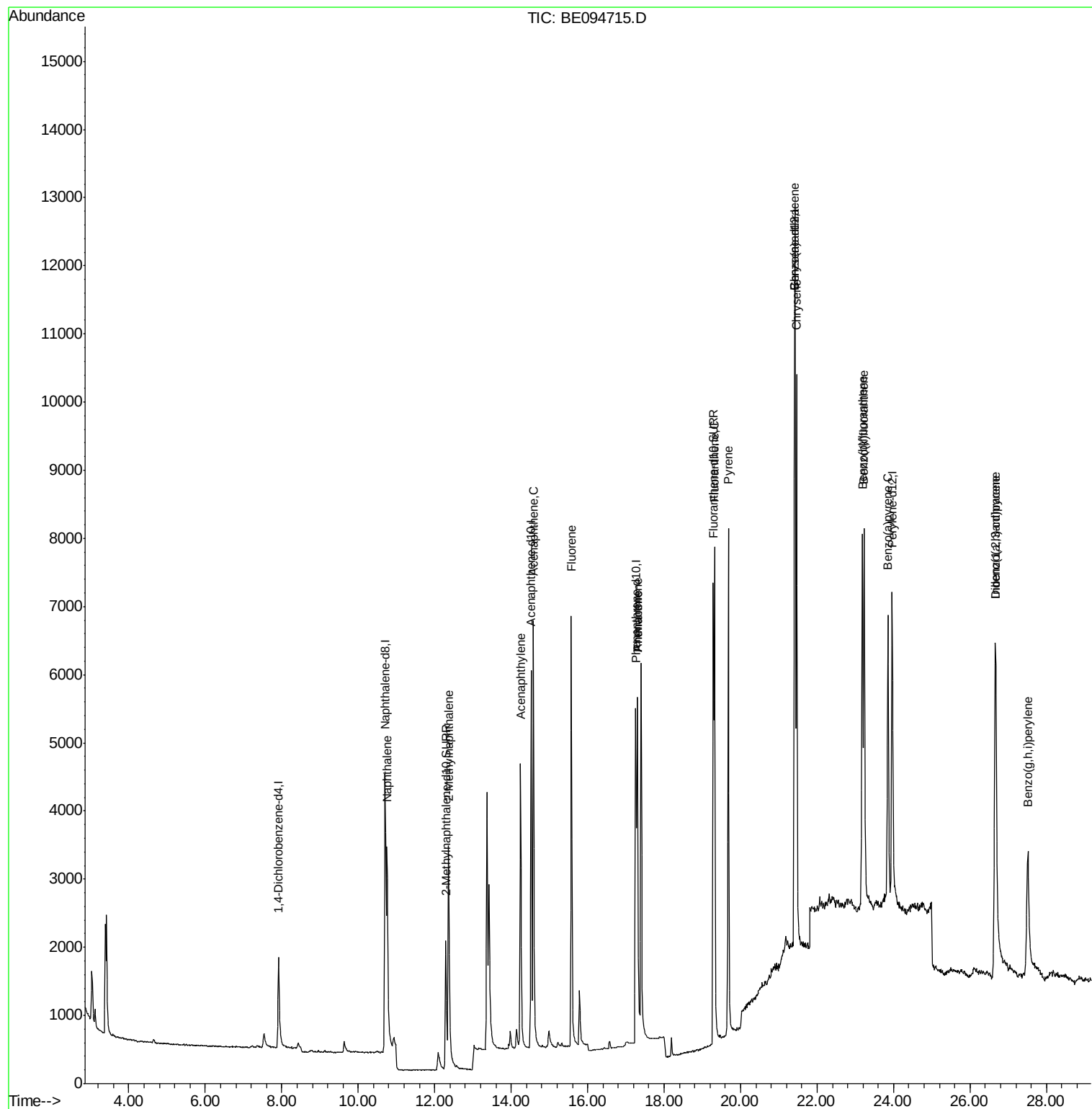
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	6174	0.36	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4218	0.35	ng/ul	100
7) Acenaphthylene	14.24	152	6456	0.37	ng/ul	98
8) Acenaphthene	14.58	153	4513	0.36	ng/ul	98
9) Fluorene	15.57	166	5115	0.36	ng/ul	91
12) Phenanthrene	17.31	178	7985	0.36	ng/ul#	93
13) Anthracene	17.31	178	7970	0.37	ng/ul	95
15) Fluoranthene	19.32	202	9732	0.38	ng/ul	84
17) Pyrene	19.68	202	10456	0.40	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	9333	0.39	ng/ul#	89
19) Chrysene	21.47	228	9117	0.37	ng/ul	92
21) Benzo(b)fluoranthene	23.18	252	8690	0.37	ng/ul	91
22) Benzo(k)fluoranthene	23.23	252	9171	0.36	ng/ul#	91
23) Benzo(a)pyrene	23.86	252	8766	0.37	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.67	276	8232	0.34	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.66	278	7133	0.35	ng/ul#	84
26) Benzo(a,h,i)perylene	27.52	276	6030	0.31	ng/ul#	79

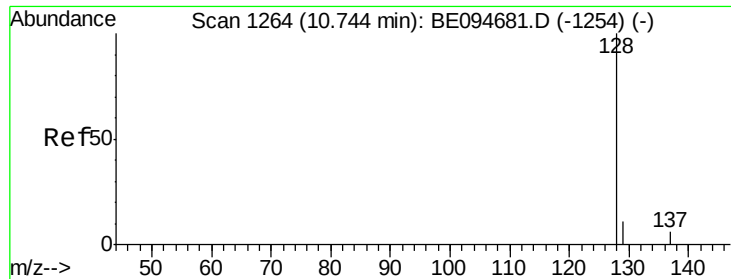
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE094715.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.473

Quant Time: Nov 04 00:00:46 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

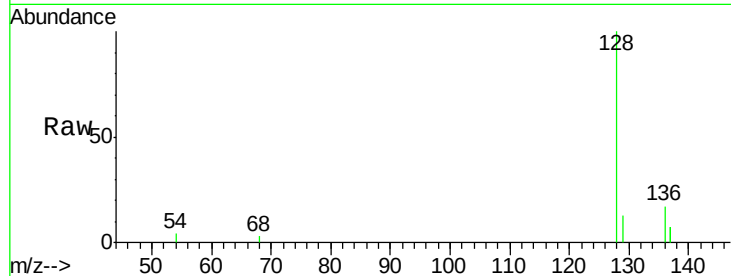
Tot Ion:128 Resp: 6174

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

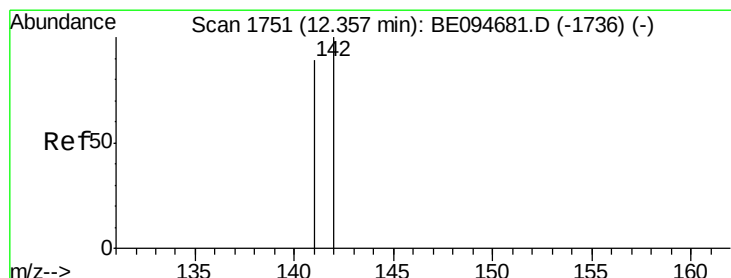
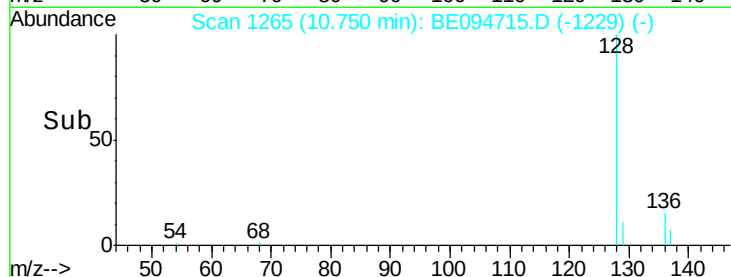
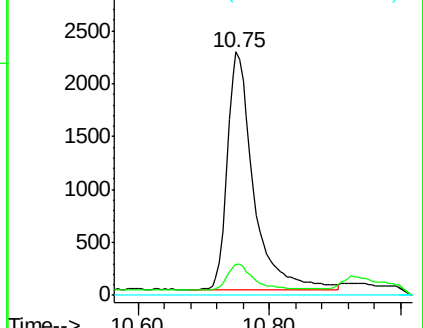
127 0.0 4.0 6.0#



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: 0.35 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BE094715.D

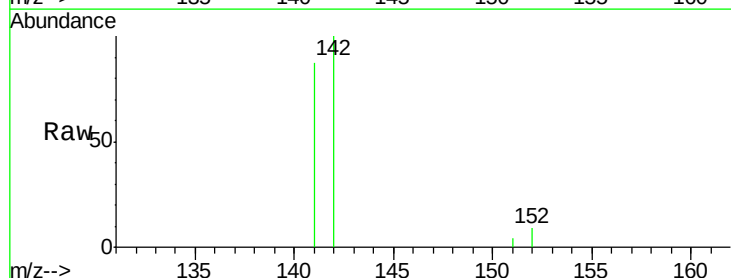
Acq: 3 Nov 2017 19:43

Tgt Ion:142 Resp: 4218

Ion Ratio Lower Upper

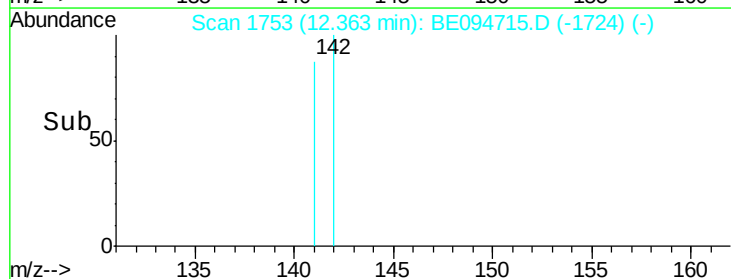
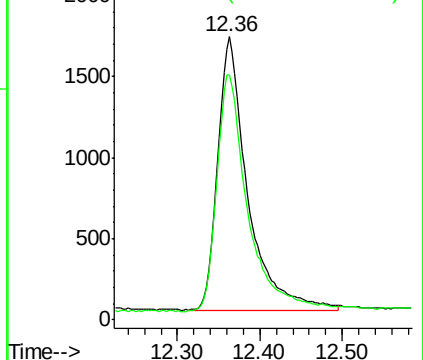
142 100

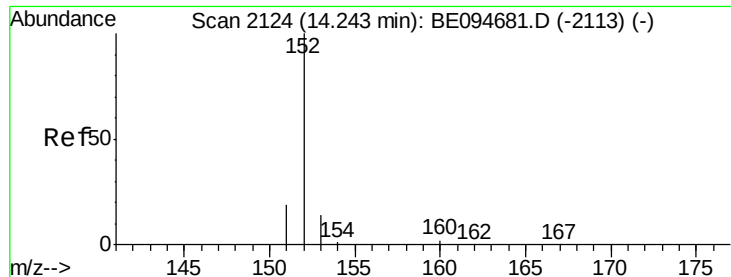
141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

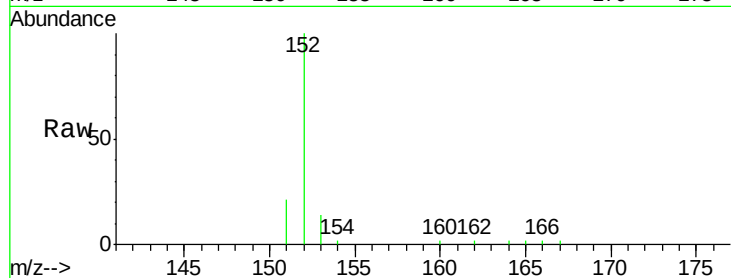
Tot Ion:152 Resp: 6456

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

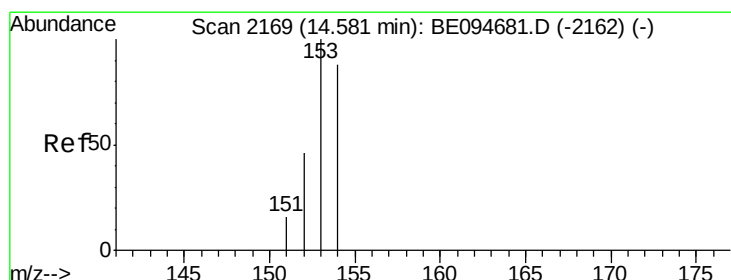
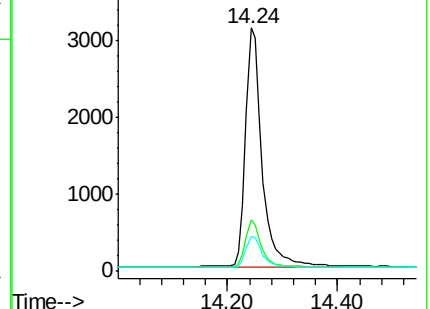
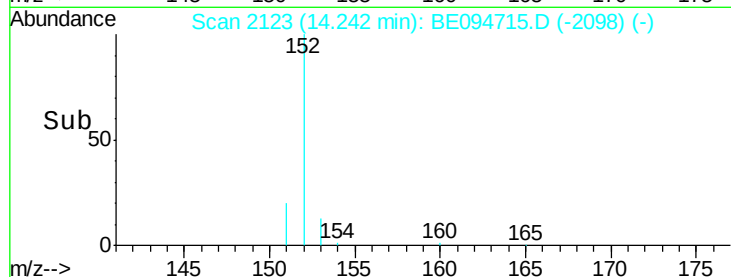
153 14.2 12.8 19.2



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: 14.58 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

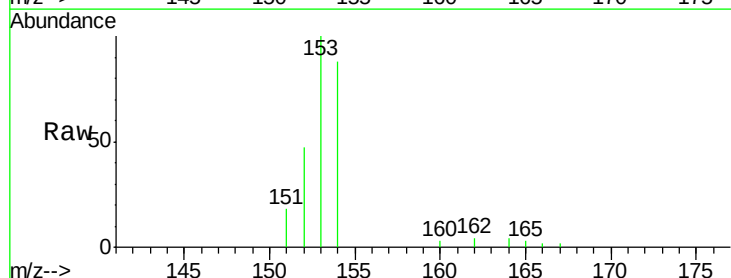
Tgt Ion:153 Resp: 4513

Ion Ratio Lower Upper

153 100

152 46.8 36.0 54.0

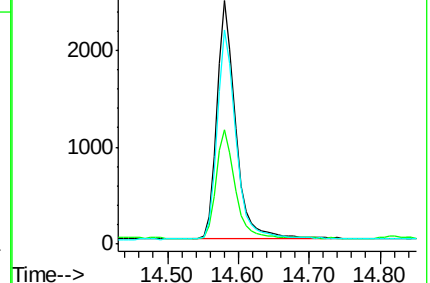
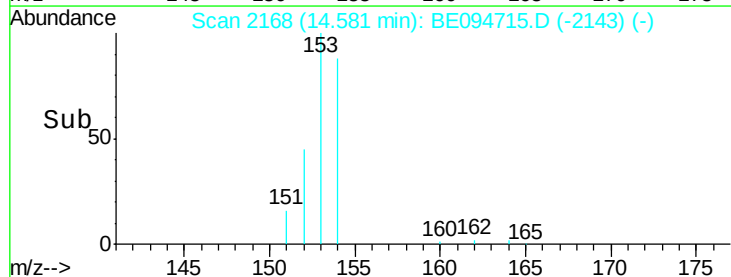
154 88.2 72.0 108.0

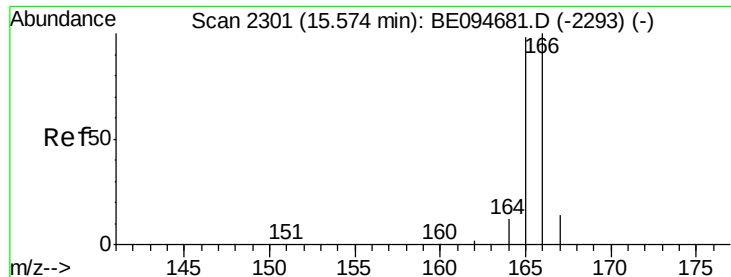


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

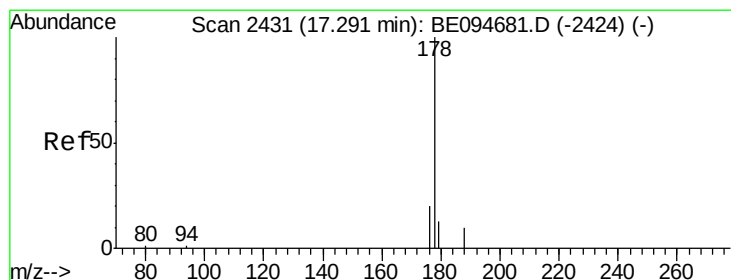
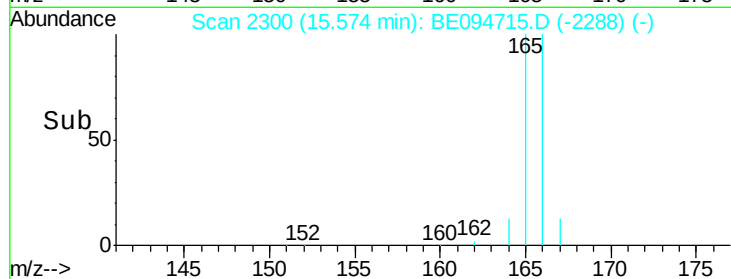
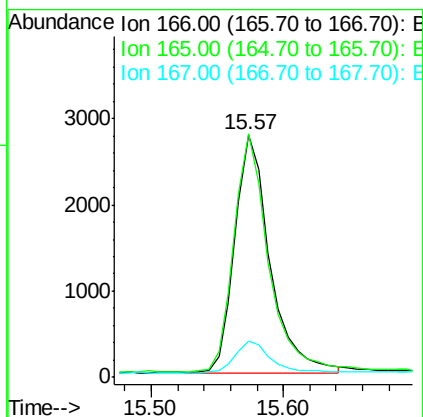
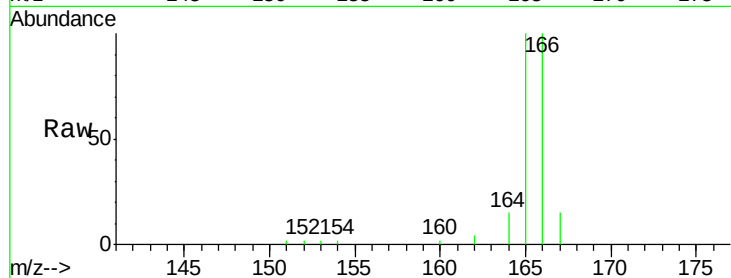




#9
Fluorene
 Concen: 0.36 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094715.D
 Acq: 3 Nov 2017 19:43

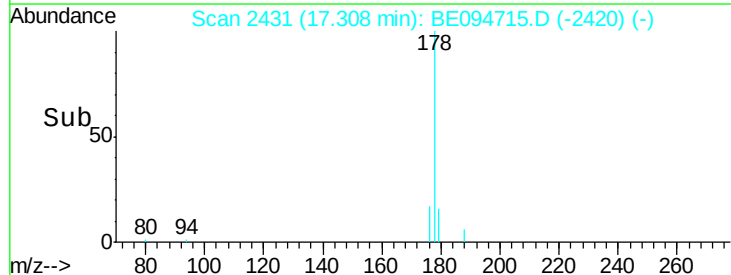
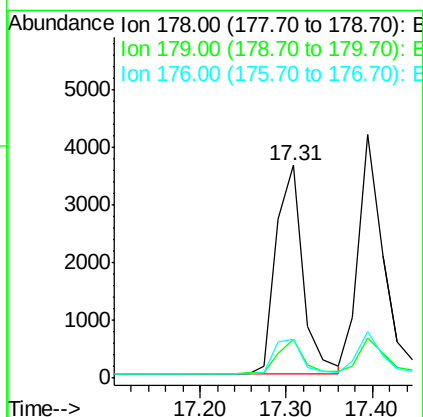
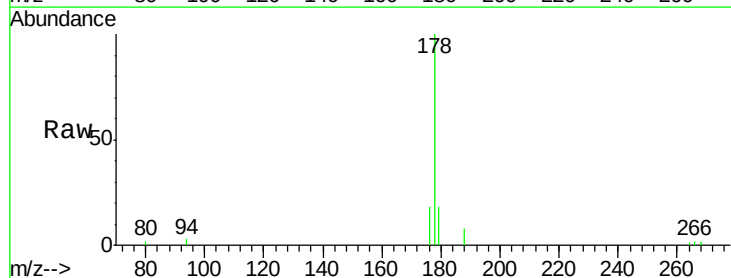
Instrument :
 BNA_E
 ClientSampleId :
 SST0.473

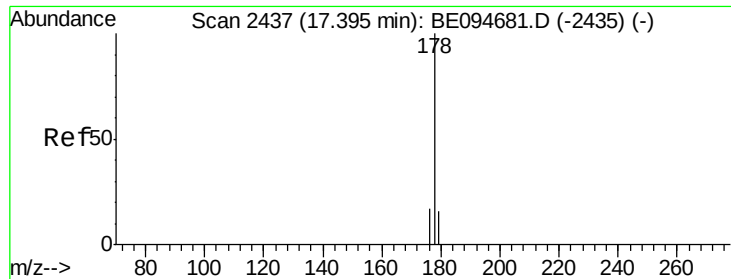
Tot Ion:166 Resp: 5115
 Ion Ratio Lower Upper
 166 100
 165 100.3 73.4 110.2
 167 14.9 14.6 22.0



#12
Phenanthrene
 Concen: 0.36 ng/ul
 RT: 17.31 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094715.D
 Acq: 3 Nov 2017 19:43

Tgt Ion:178 Resp: 7985
 Ion Ratio Lower Upper
 178 100
 179 18.3 18.4 27.6#
 176 18.1 13.6 20.4





#13

Anthracene

Concen: 0.37 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. -0.10 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

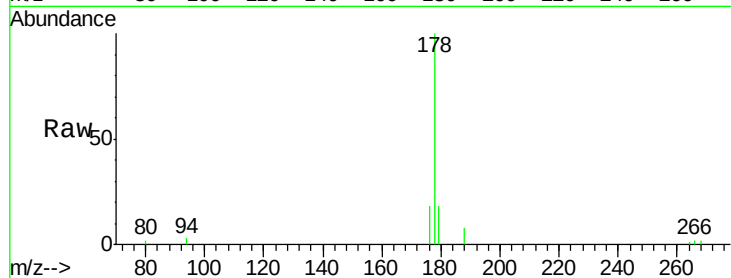
Tot Ion:178 Resp: 7970

Ion Ratio Lower Upper

178 100

179 18.3 18.1 27.1

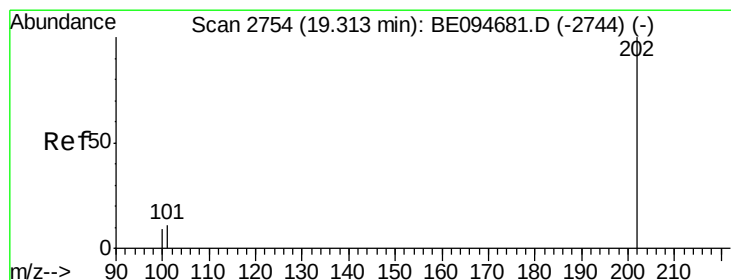
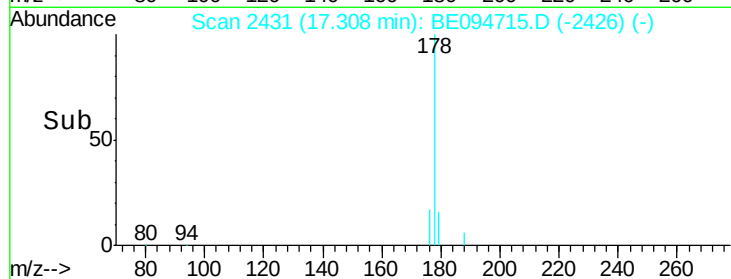
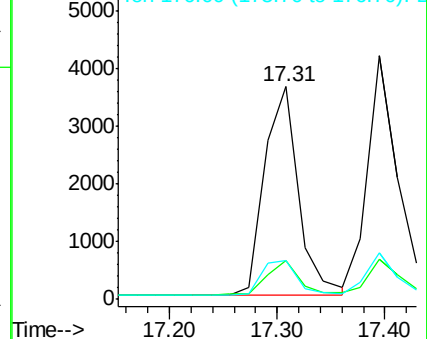
176 18.1 14.7 22.1



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: 0.38 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

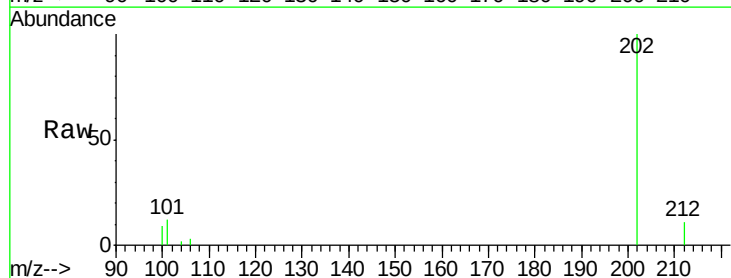
Tgt Ion:202 Resp: 9732

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

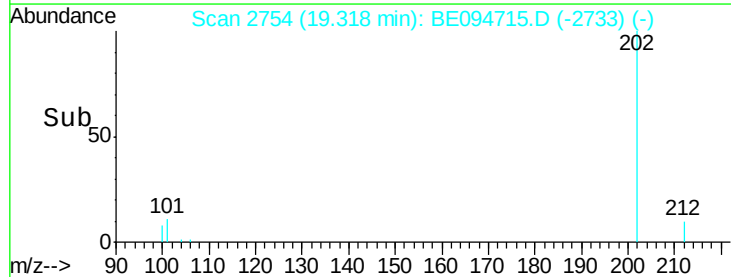
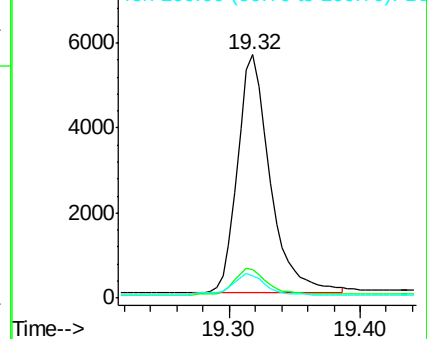
100 9.1 0.0 39.5

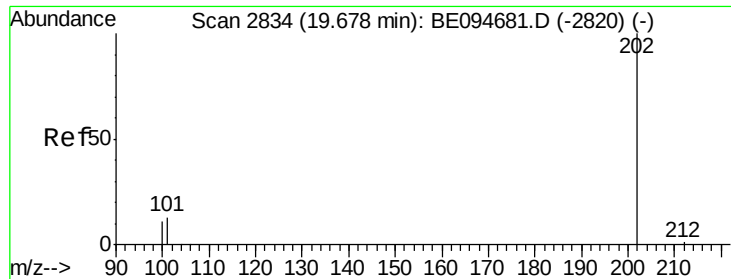


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

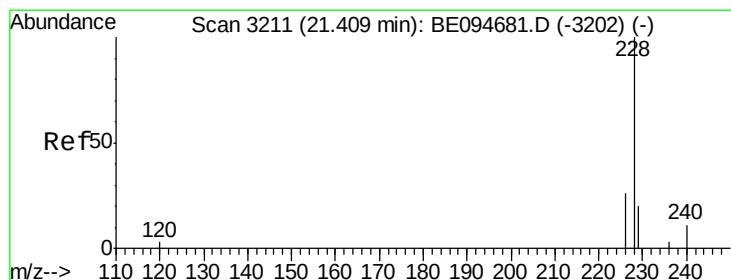
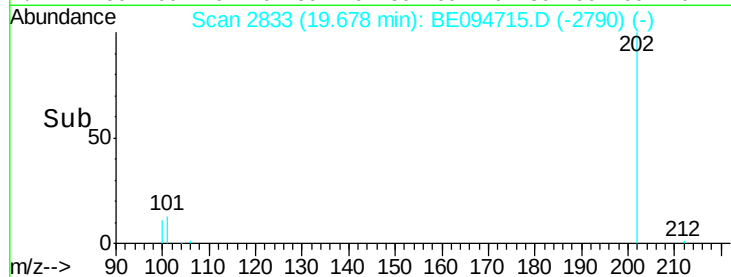
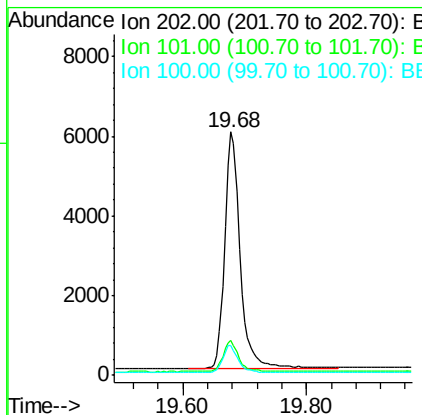
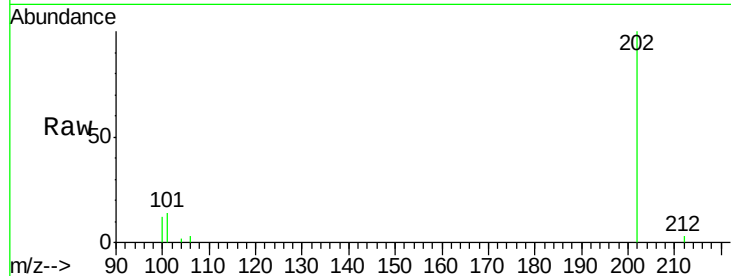




#17
Pvrene
Concen: 0.40 ng/ul
RT: 19.68 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094715.D
Acq: 3 Nov 2017 19:43

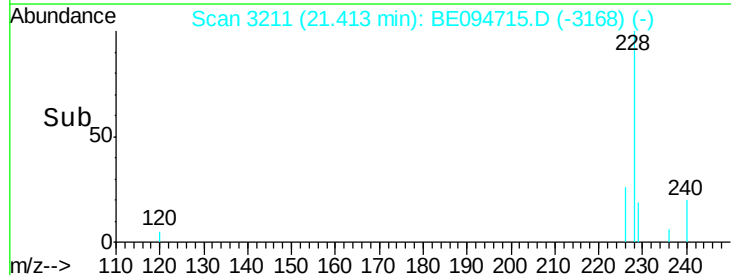
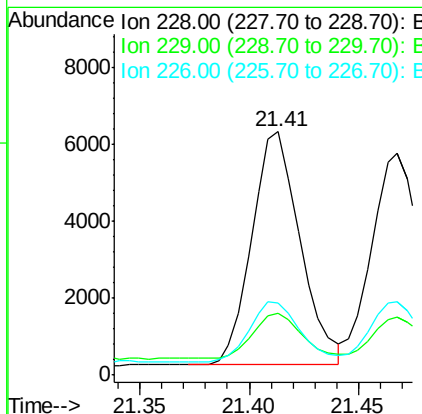
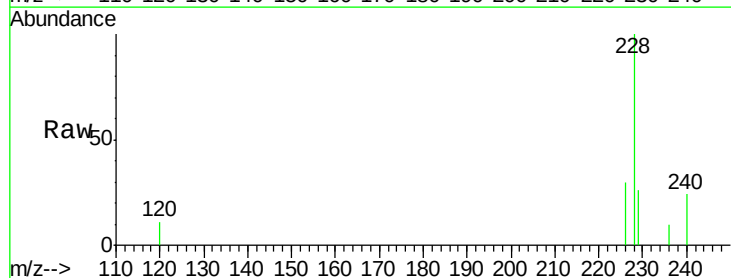
Instrument :
BNA_E
ClientSampleId :
SSTD0.473

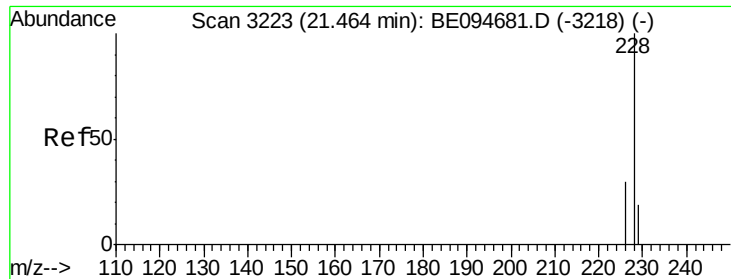
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.2	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.39 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094715.D
Acq: 3 Nov 2017 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	22.8	34.2
226	29.8	17.0	25.6#





#19

Chrysene

Concen: 0.37 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

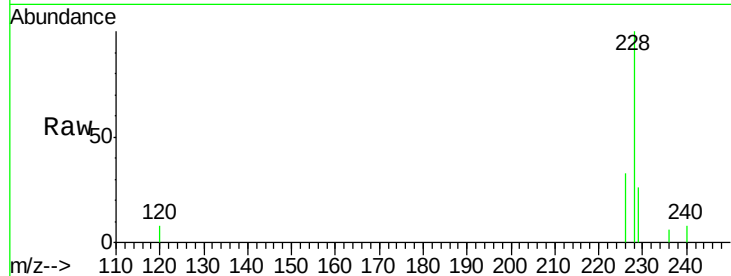
Tot Ion:228 Resp: 9117

Ion Ratio Lower Upper

228 100

226 33.1 23.4 35.0

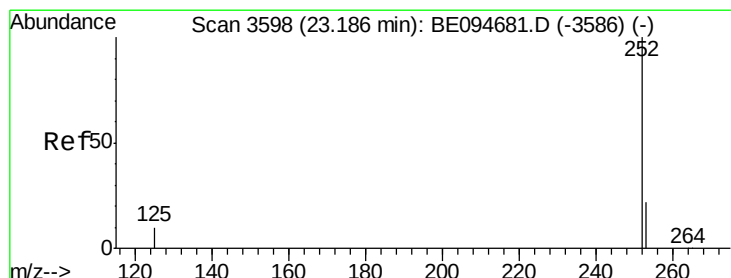
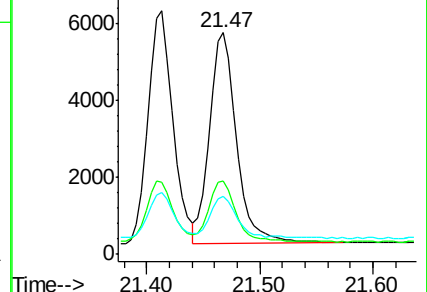
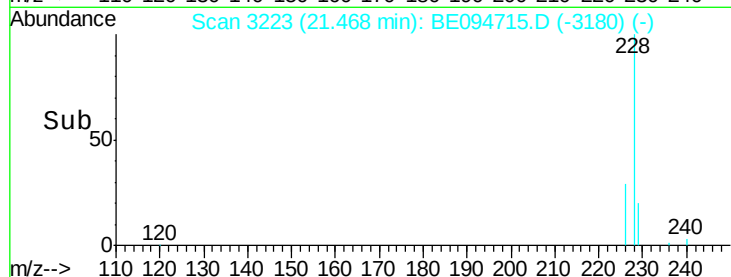
229 26.3 17.7 26.5



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: 0.37 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

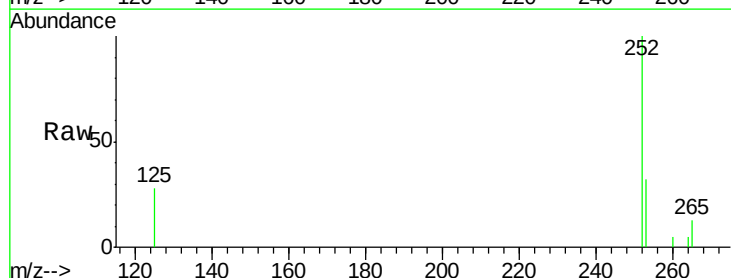
Tgt Ion:252 Resp: 8690

Ion Ratio Lower Upper

252 100

253 31.6 0.0 64.2

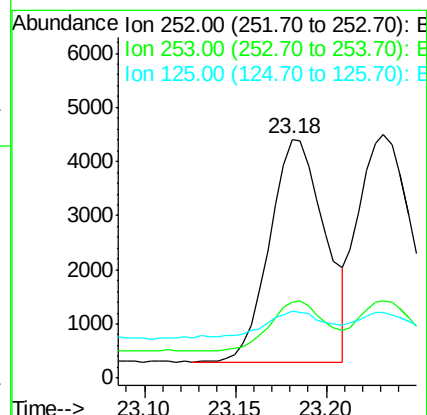
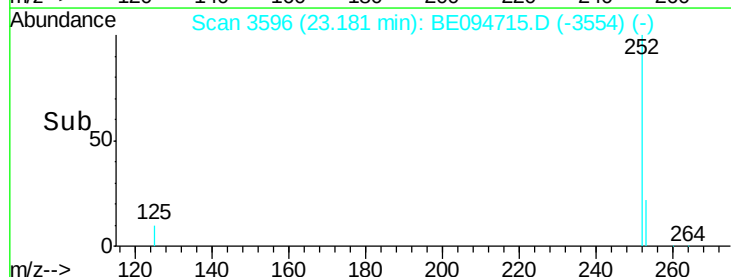
125 28.0 0.0 35.0

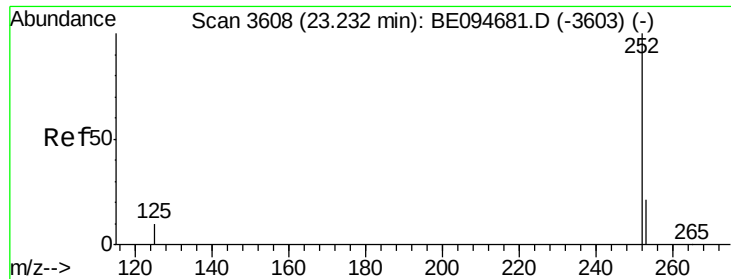


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

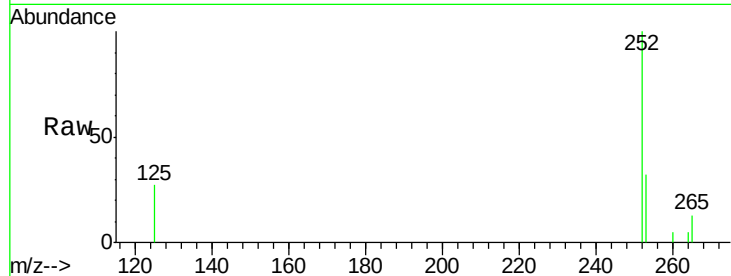
Tot Ion:252 Resp: 9171

Ion Ratio Lower Upper

252 100

253 31.7 24.5 36.7

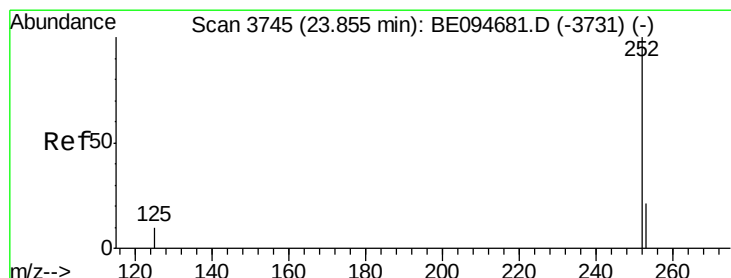
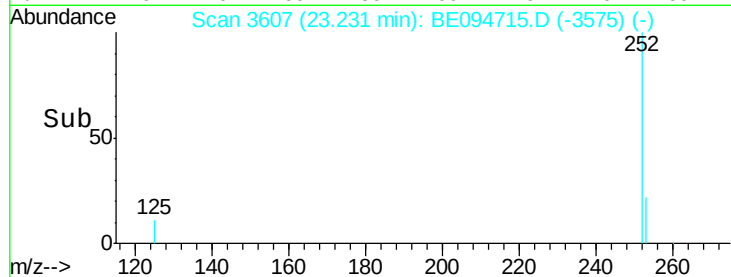
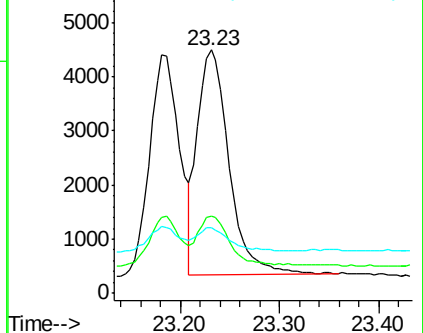
125 26.9 13.7 20.5#



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: 0.37 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094715.D

Acq: 3 Nov 2017 19:43

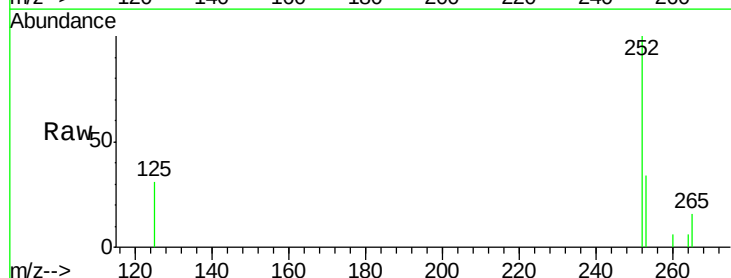
Tgt Ion:252 Resp: 8766

Ion Ratio Lower Upper

252 100

253 33.5 28.5 42.7

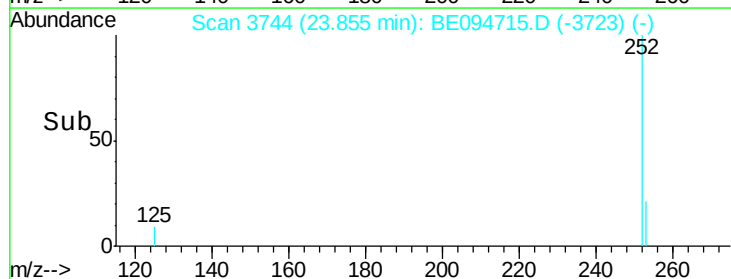
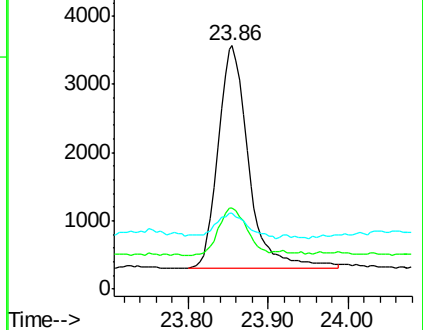
125 31.4 18.1 27.1#

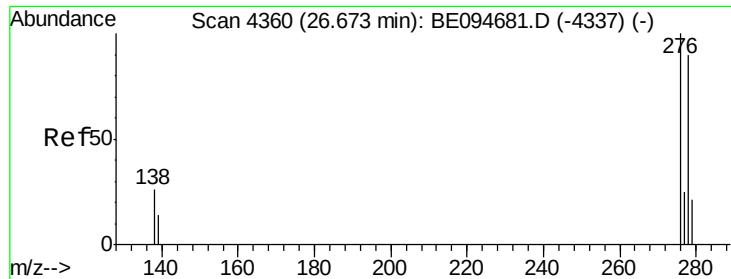


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

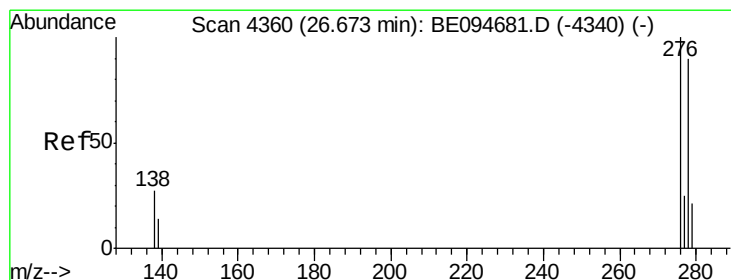
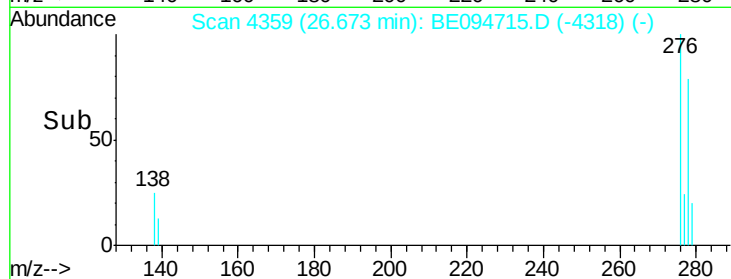
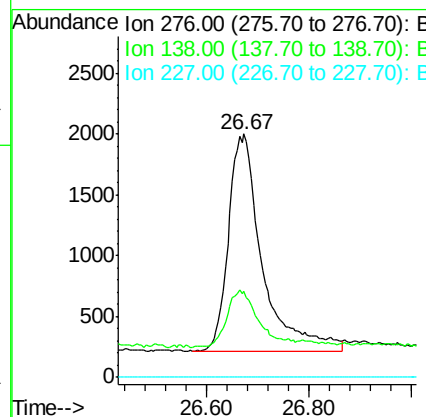
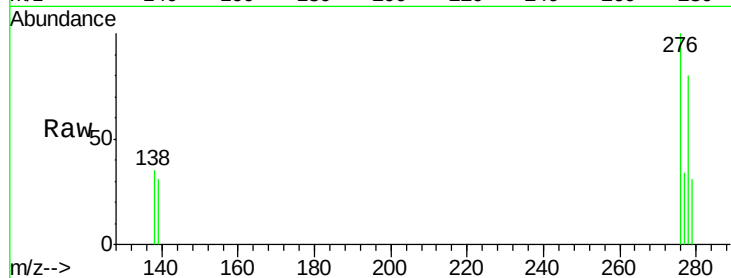




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. -0.01 min
 Lab File: BE094715.D
 Acq: 3 Nov 2017 19:43

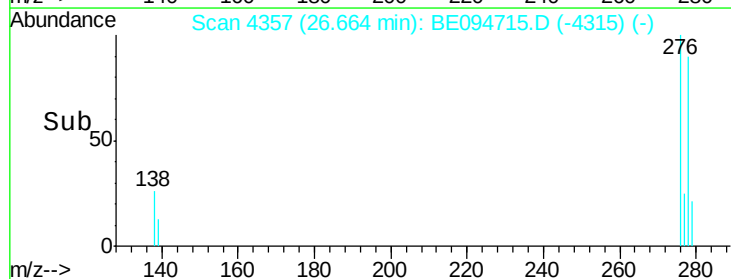
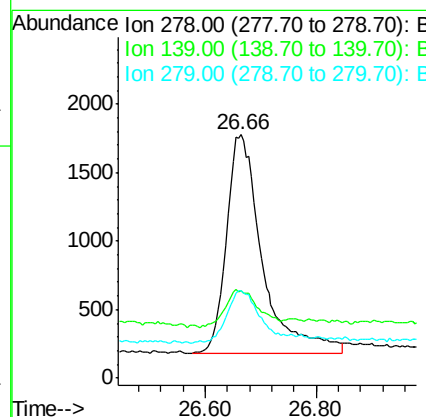
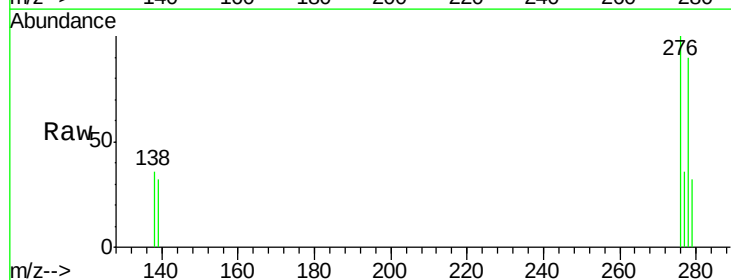
Instrument :
 BNA_E
 ClientSampleId :
 SST0.473

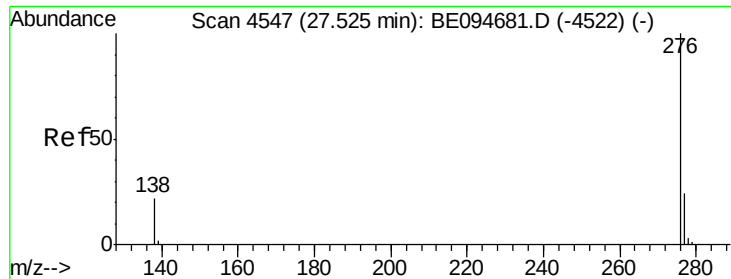
Tot Ion:276 Resp: 8232
 Ion Ratio Lower Upper
 276 100
 138 26.3 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.35 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.01 min
 Lab File: BE094715.D
 Acq: 3 Nov 2017 19:43

Tgt Ion:278 Resp: 7133
 Ion Ratio Lower Upper
 278 100
 139 35.7 17.4 26.0#
 279 36.0 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.31 ng/ul

RT: 27.52 min Scan# 4544

Delta R.T. -0.00 min

Lab File: BE094715.D

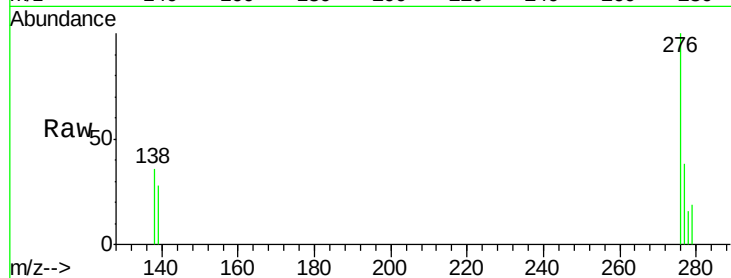
Acq: 3 Nov 2017 19:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.473



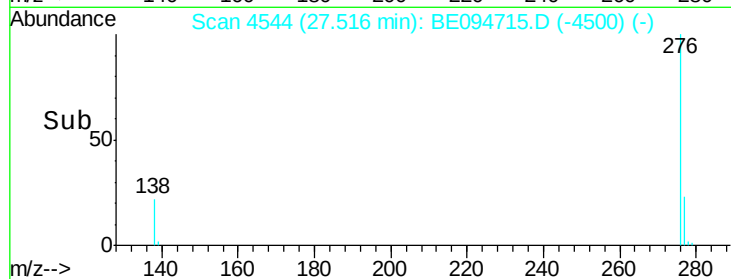
Tot Ion: 276 Resp: 6030

Ion Ratio Lower Upper

276 100

138 35.9 21.8 32.8#

277 38.5 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

