

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094745.D
 Acq On : 4 Nov 2017 18:51
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.476

Quant Time: Nov 06 00:36:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:30:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6629	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3600	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7649	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	7666	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7231	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3871	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	8710	0.38	ng/ul	0.00

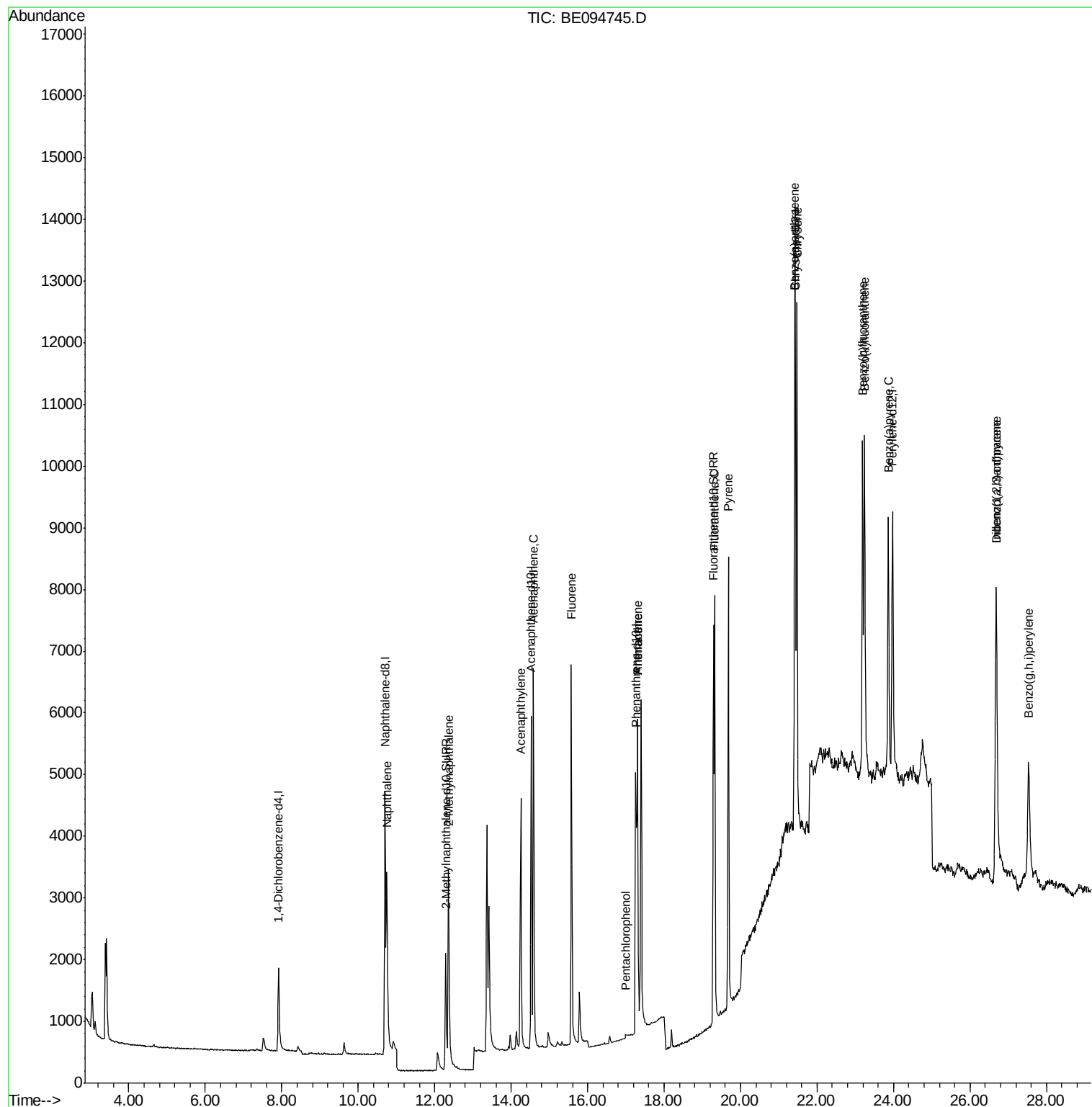
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5873	0.36	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	3997	0.35	ng/ul	98
7) Acenaphthylene	14.25	152	6012	0.37	ng/ul	98
8) Acenaphthene	14.58	153	4259	0.36	ng/ul	97
9) Fluorene	15.57	166	4828	0.37	ng/ul	92
11) Pentachlorophenol	17.00	266	189	0.49	ng/ul#	86
12) Phenanthrene	17.31	178	7413	0.37	ng/ul	94
13) Anthracene	17.31	178	7357	0.37	ng/ul	96
15) Fluoranthene	19.32	202	9062	0.39	ng/ul	84
17) Pyrene	19.68	202	9672	0.41	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	8683	0.40	ng/ul#	83
19) Chrysene	21.47	228	8440	0.37	ng/ul#	77
21) Benzo(b)fluoranthene	23.19	252	8357	0.41	ng/ul#	68
22) Benzo(k)fluoranthene	23.24	252	8183	0.38	ng/ul#	60
23) Benzo(a)pyrene	23.86	252	8125	0.40	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	26.69	276	7755	0.37	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.68	278	6530	0.37	ng/ul#	59
26) Benzo(g,h,i)perylene	27.53	276	5414	0.32	ng/ul#	59

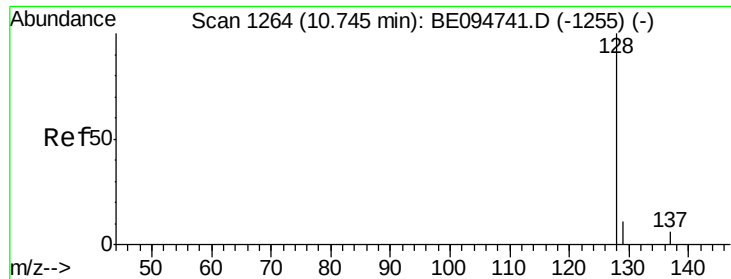
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

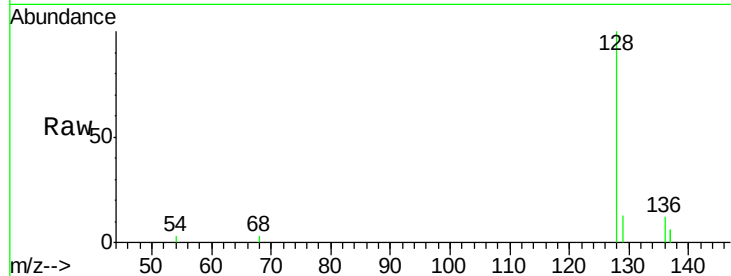
Tot Ion:128 Resp: 5873

Ion Ratio Lower Upper

128 100

129 13.1 11.3 16.9

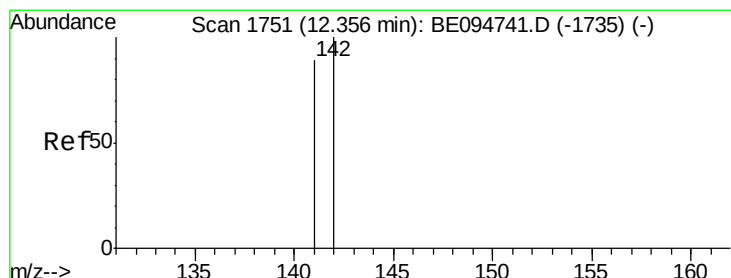
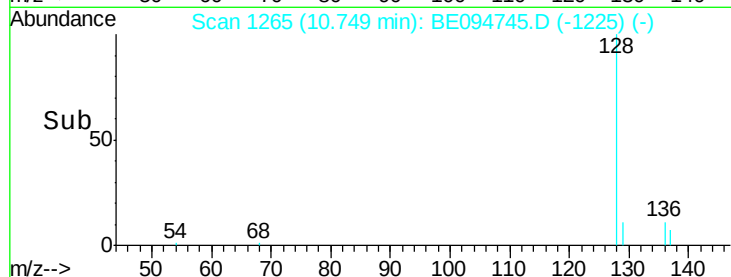
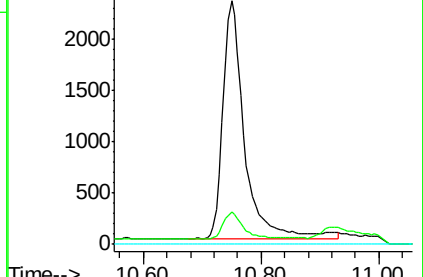
127 0.0 4.0 6.0#



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# 1752

Delta R.T. 0.00 min

Lab File: BE094745.D

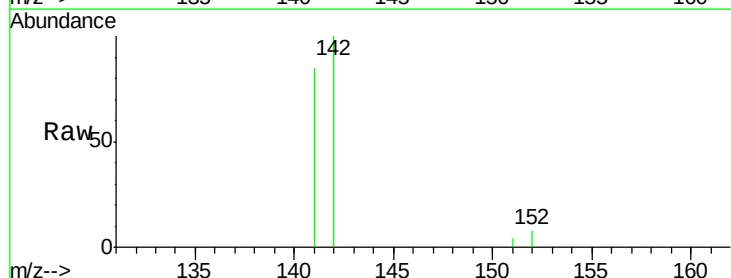
Acq: 4 Nov 2017 18:51

Tgt Ion:142 Resp: 3997

Ion Ratio Lower Upper

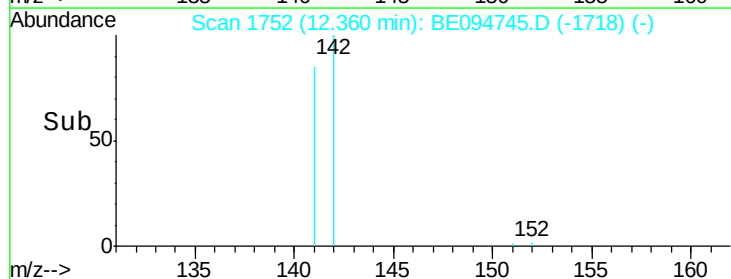
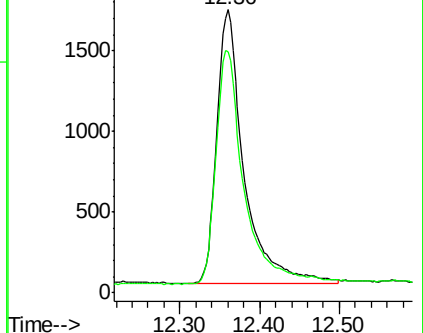
142 100

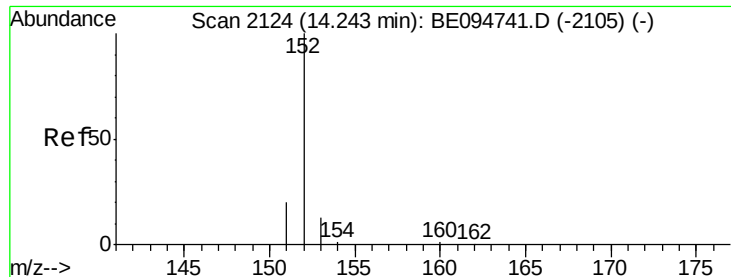
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

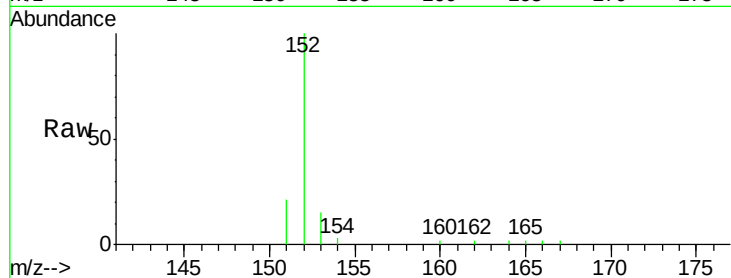
Tot Ion:152 Resp: 6012

Ion Ratio Lower Upper

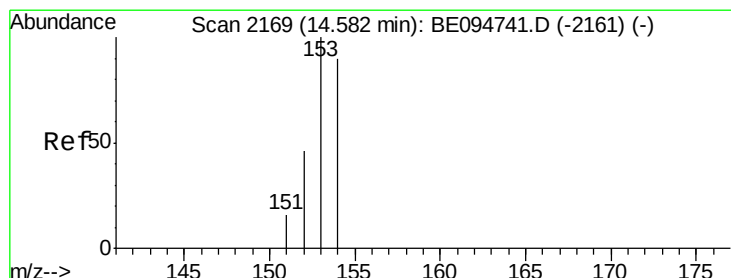
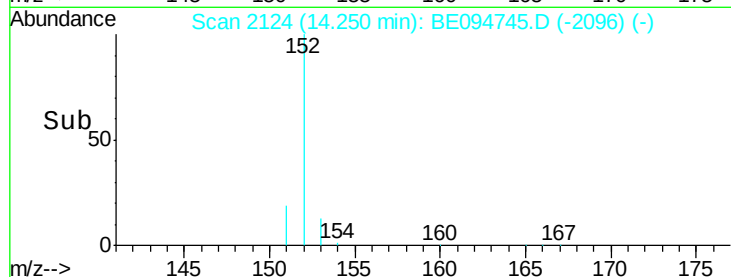
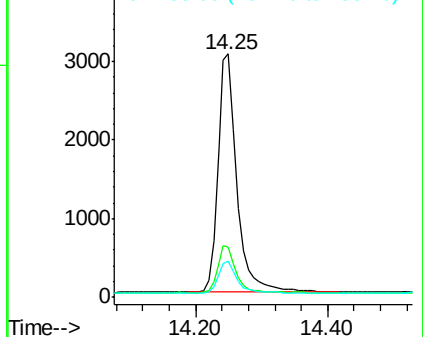
152 100

151 20.7 17.1 25.7

153 14.9 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



#8

Acenaphthene

Concen: 0.36 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

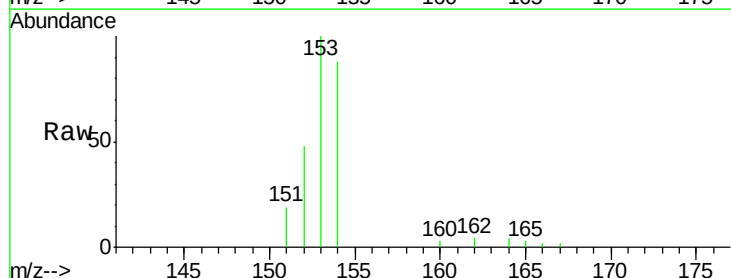
Tgt Ion:153 Resp: 4259

Ion Ratio Lower Upper

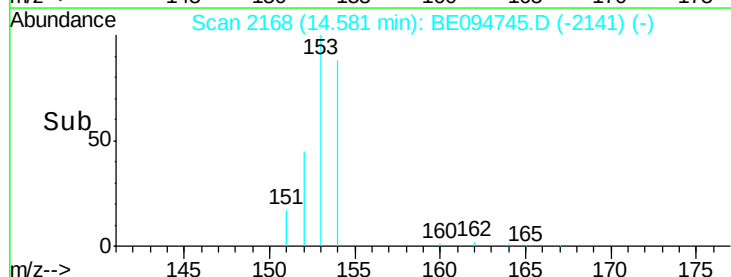
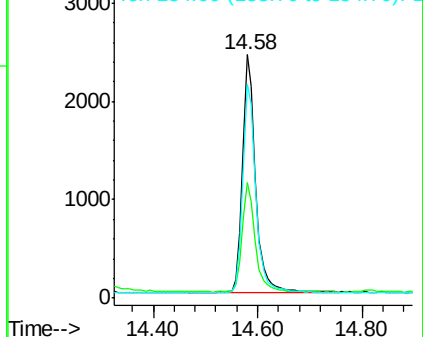
153 100

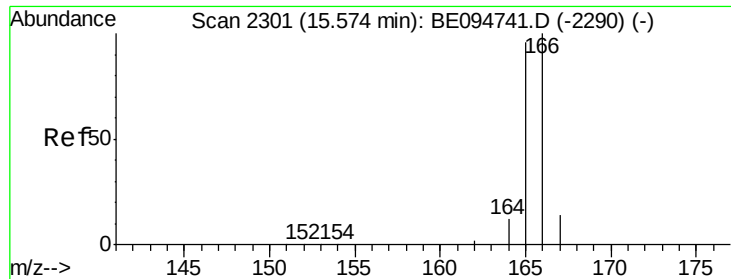
152 47.6 36.0 54.0

154 87.9 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

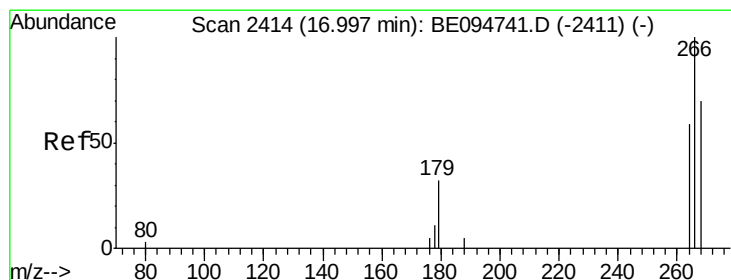
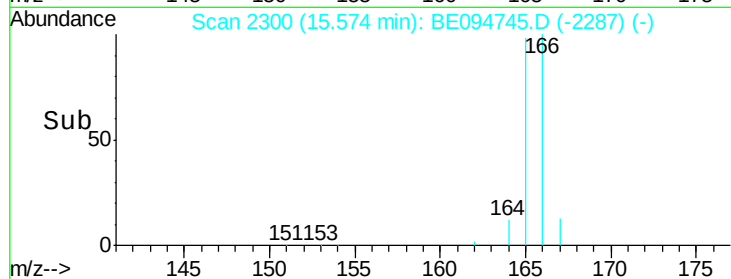
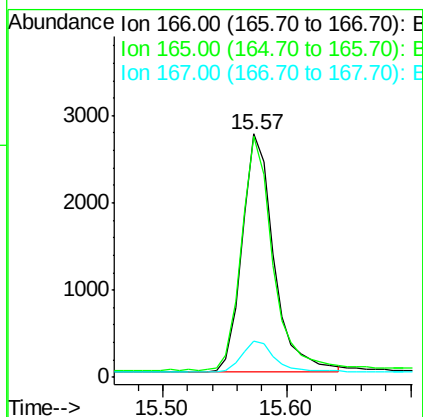
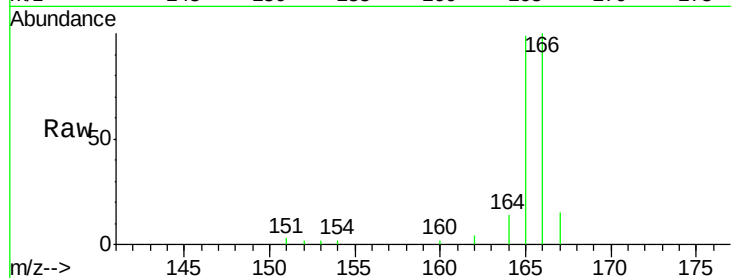




#9
Fluorene
 Concen: 0.37 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BE094745.D
 Acq: 4 Nov 2017 18:51

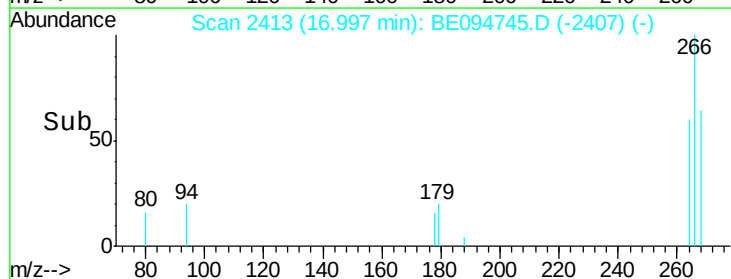
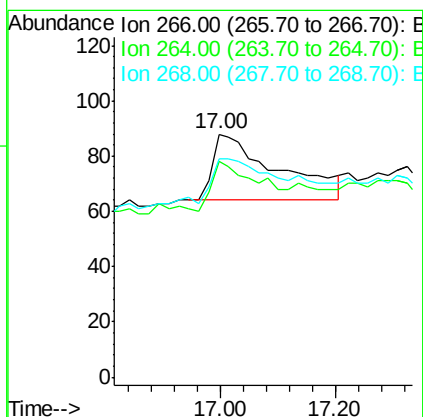
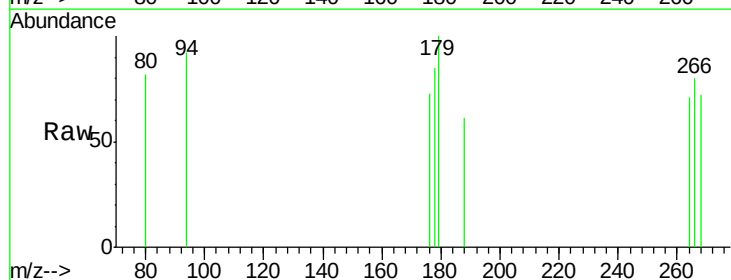
Instrument :
 BNA_E
 ClientSampleId :
 SST0.476

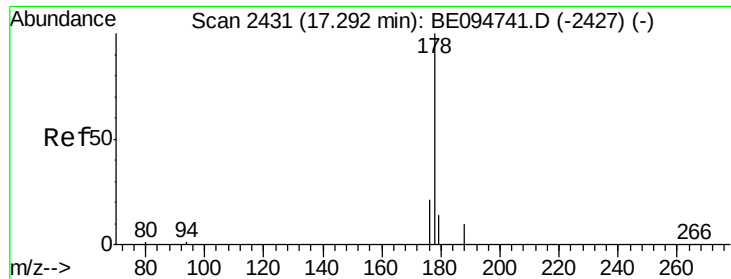
Tot Ion:166 Resp: 4828
 Ion Ratio Lower Upper
 166 100
 165 99.0 73.4 110.2
 167 15.0 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.49 ng/ul
 RT: 17.00 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BE094745.D
 Acq: 4 Nov 2017 18:51

Tgt Ion:266 Resp: 189
 Ion Ratio Lower Upper
 266 100
 264 72.5 47.9 71.9#
 268 71.4 49.8 74.8





#12

Phenanthrene

Concen: 0.37 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. 0.02 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

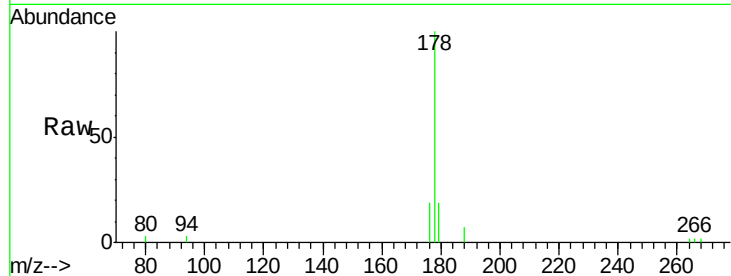
Tot Ion:178 Resp: 7413

Ion Ratio Lower Upper

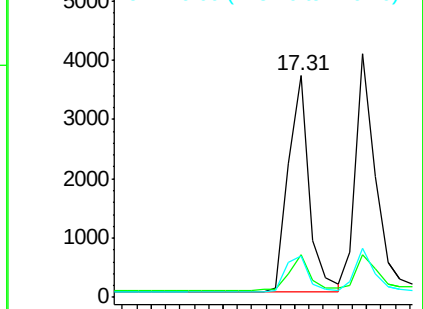
178 100

179 19.4 18.4 27.6

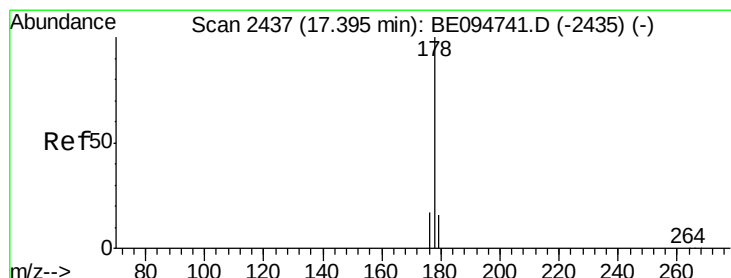
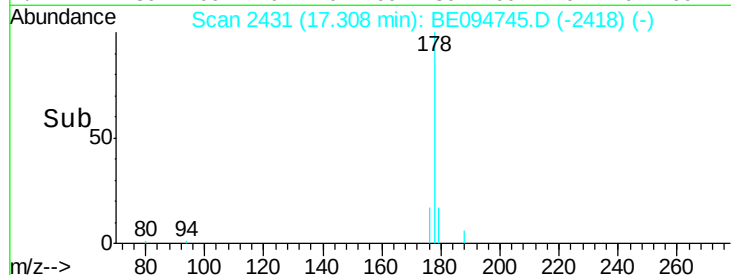
176 18.7 13.6 20.4



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



Time-->



#13

Anthracene

Concen: 0.37 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

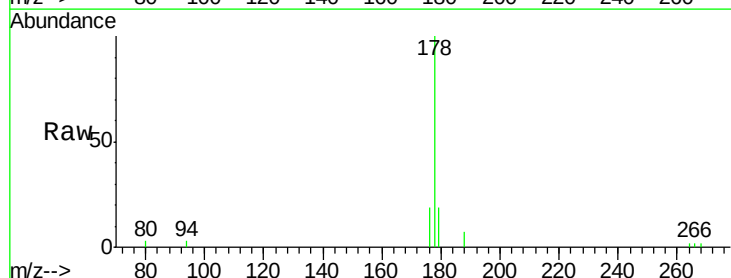
Tgt Ion:178 Resp: 7357

Ion Ratio Lower Upper

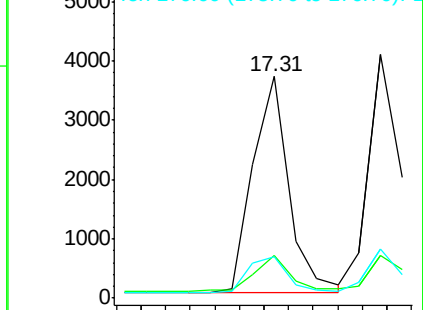
178 100

179 19.4 18.1 27.1

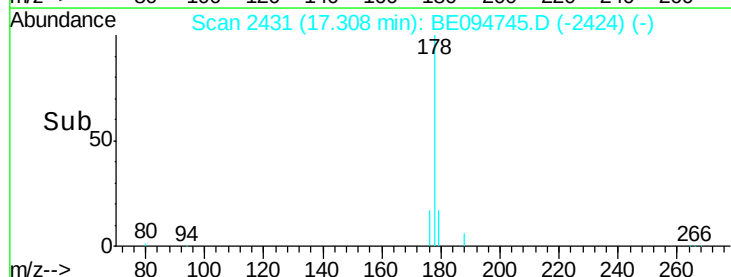
176 18.7 14.7 22.1

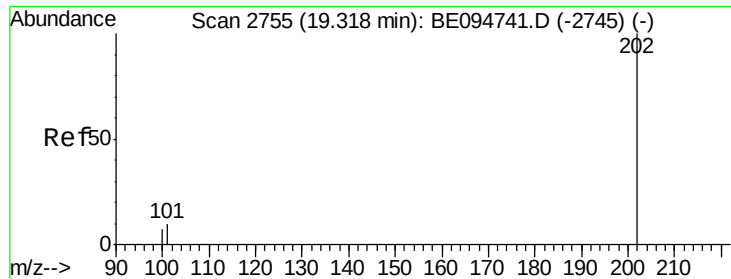


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->

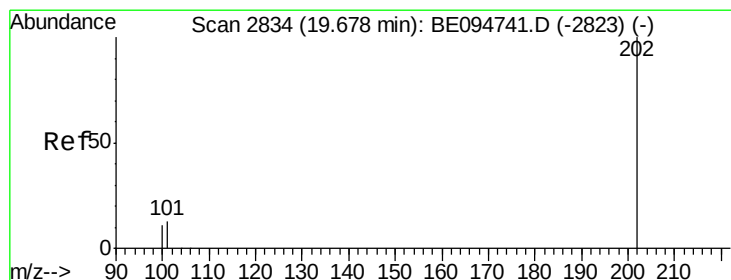
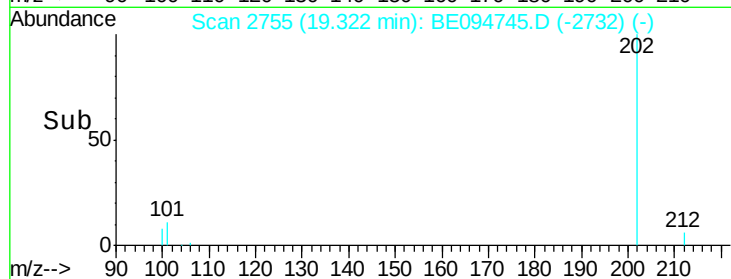
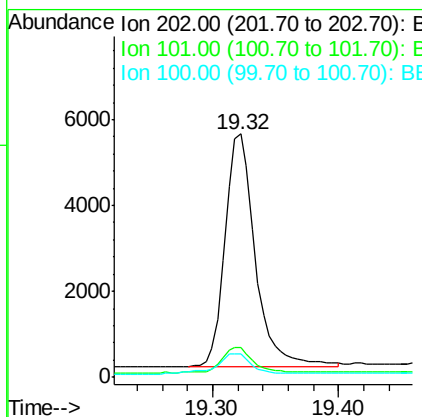
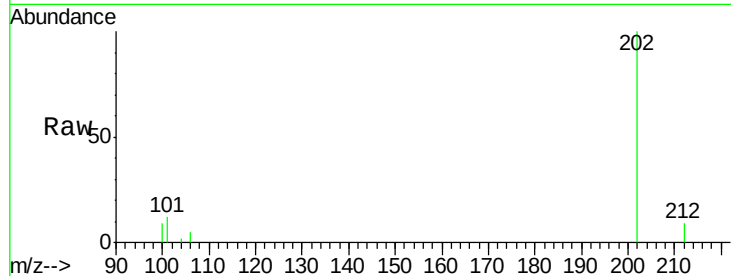




#15
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094745.D
 Acq: 4 Nov 2017 18:51

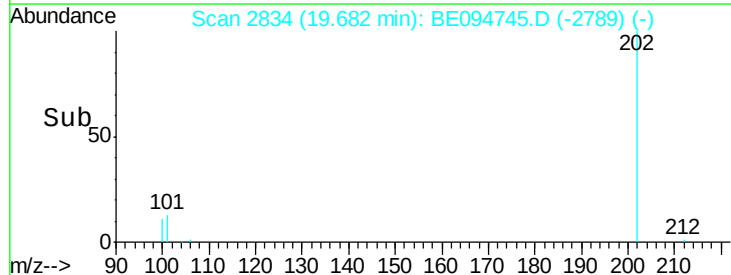
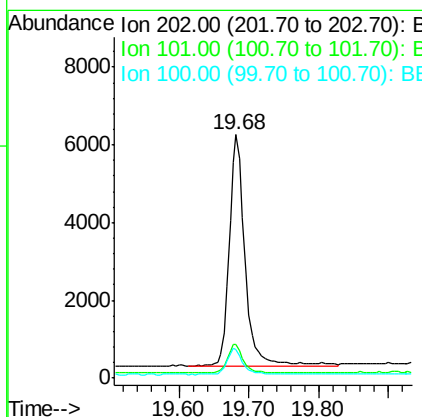
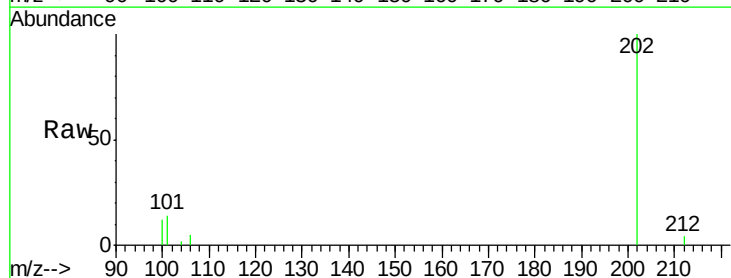
Instrument :
 BNA_E
 ClientSampleId :
 SST0.476

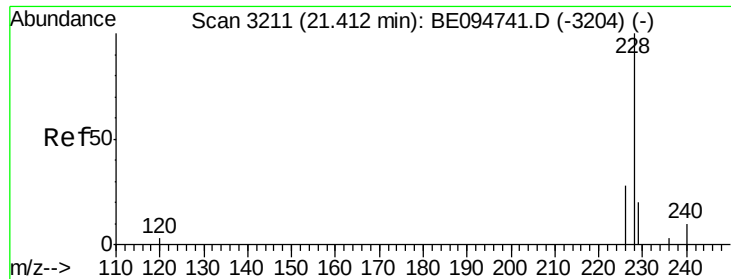
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.4	0.0	39.5



#17
Pyrene
 Concen: 0.41 ng/ul
 RT: 19.68 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BE094745.D
 Acq: 4 Nov 2017 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	18.2	27.4#
100	11.7	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.40 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

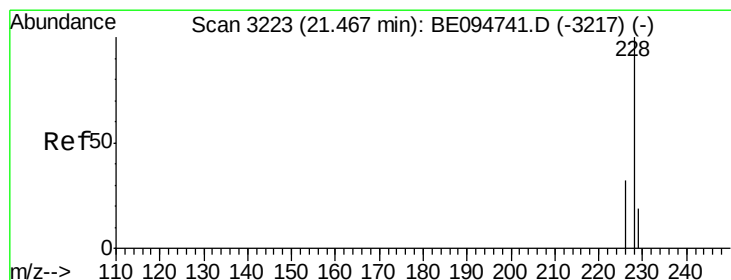
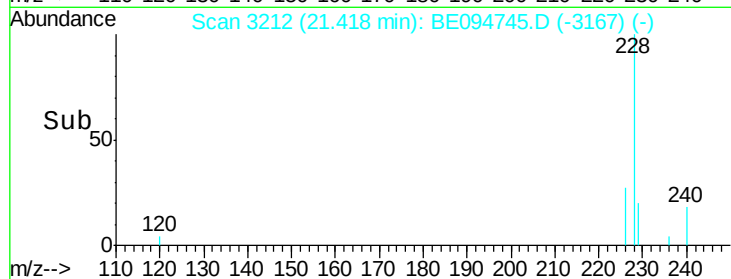
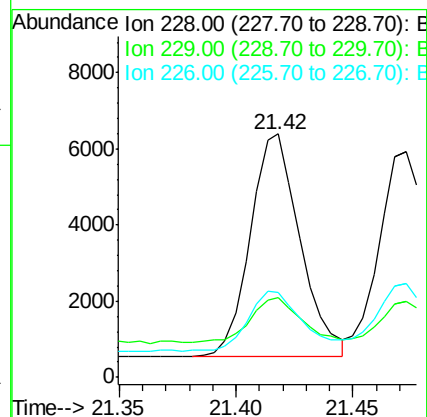
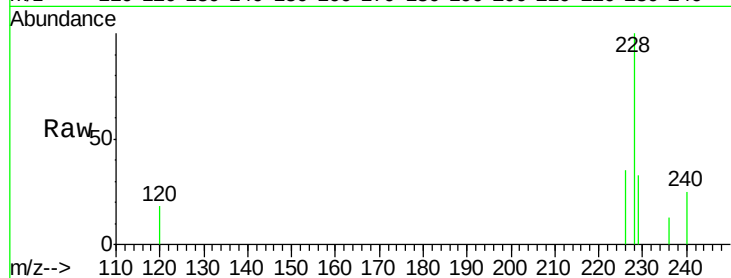
Tot Ion:228 Resp: 8683

Ion Ratio Lower Upper

228 100

229 32.8 22.8 34.2

226 35.0 17.0 25.6#



#19

Chrysene

Concen: 0.37 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

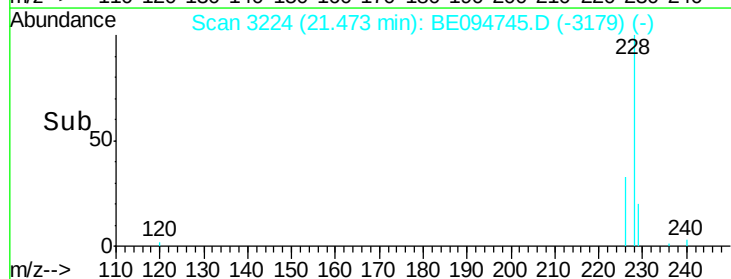
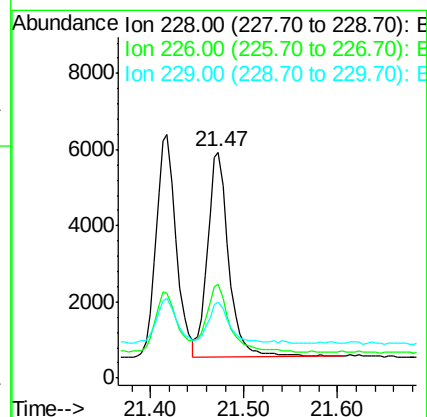
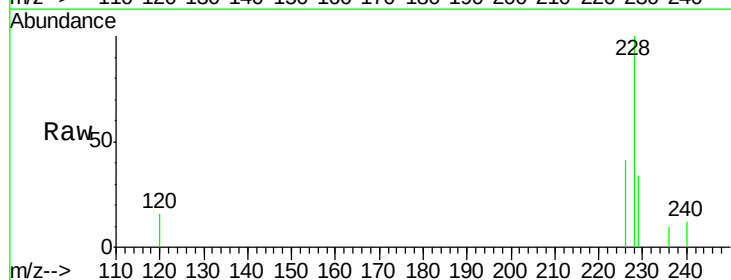
Tgt Ion:228 Resp: 8440

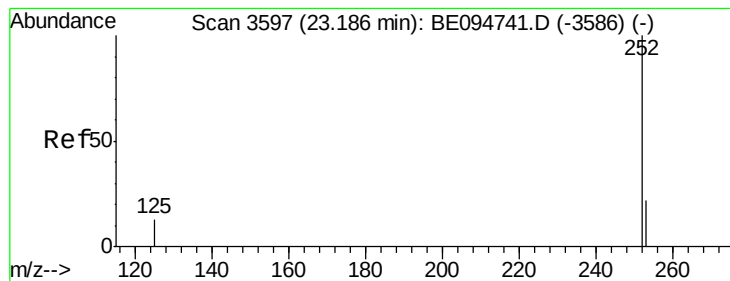
Ion Ratio Lower Upper

228 100

226 41.3 23.4 35.0#

229 33.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

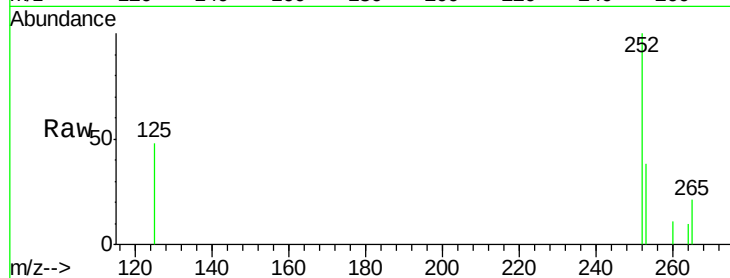
Tot Ion:252 Resp: 8357

Ion Ratio Lower Upper

252 100

253 37.9 0.0 64.2

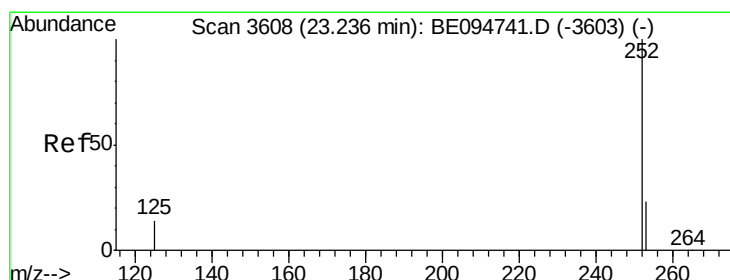
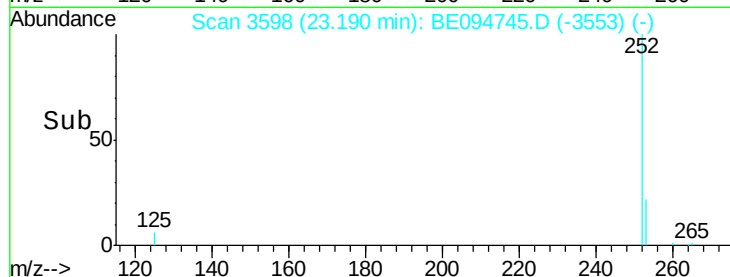
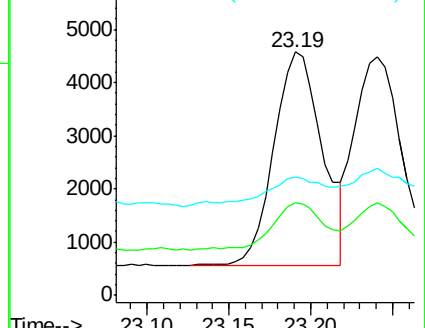
125 48.3 0.0 35.0#



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: 0.38 ng/ul

RT: 23.24 min Scan# 3609

Delta R.T. 0.00 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

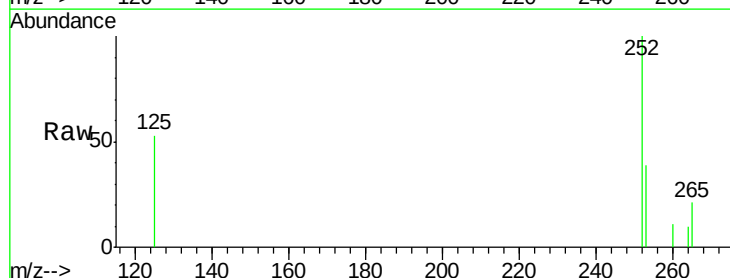
Tgt Ion:252 Resp: 8183

Ion Ratio Lower Upper

252 100

253 39.0 24.5 36.7#

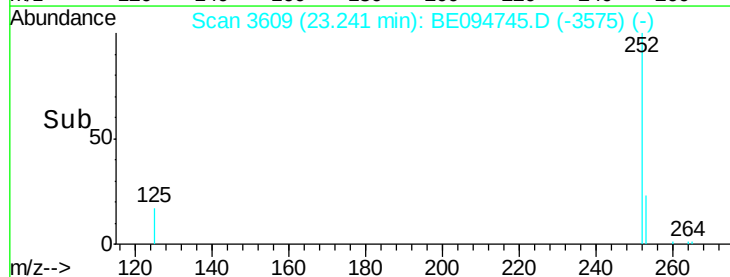
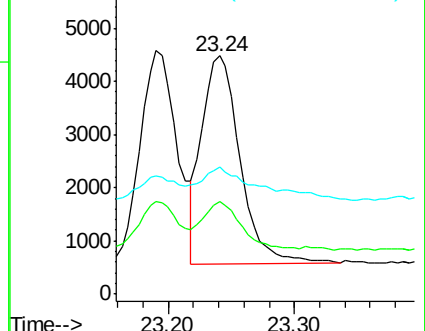
125 53.3 13.7 20.5#

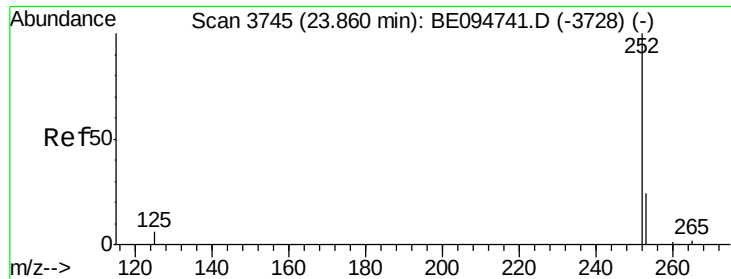


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.86 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

Instrument :

BNA_E

ClientSampleId :

SSTD0.476

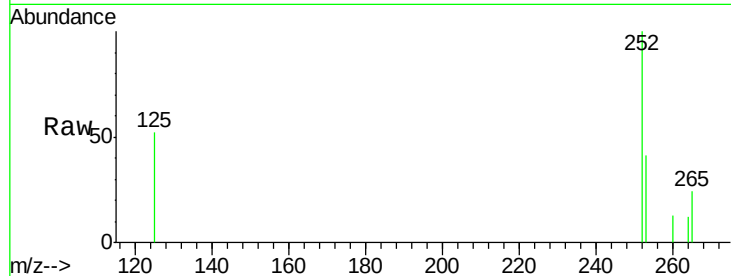
Tot Ion:252 Resp: 8125

Ion Ratio Lower Upper

252 100

253 40.5 28.5 42.7

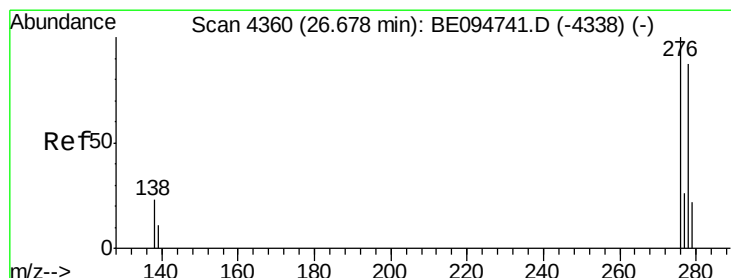
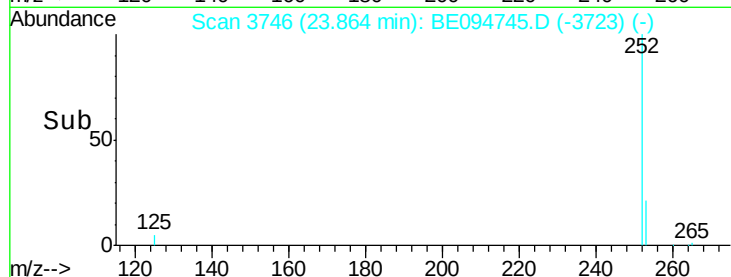
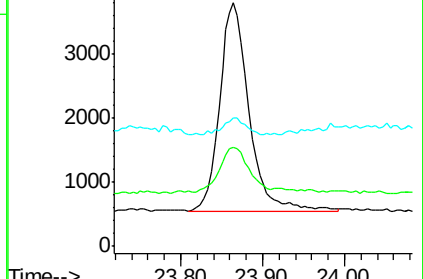
125 52.5 18.1 27.1#



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: 26.69 min Scan# 4363

Delta R.T. 0.01 min

Lab File: BE094745.D

Acq: 4 Nov 2017 18:51

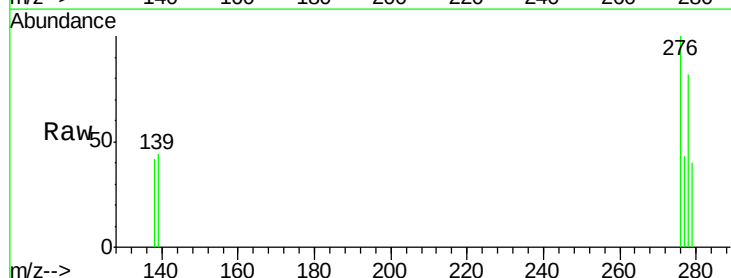
Tgt Ion:276 Resp: 7755

Ion Ratio Lower Upper

276 100

138 22.4 28.0 42.0#

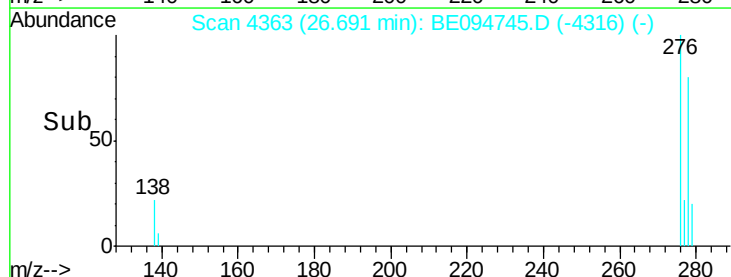
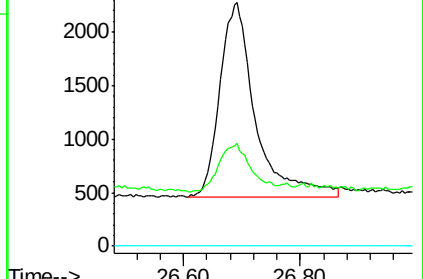
227 0.0 8.0 12.0#

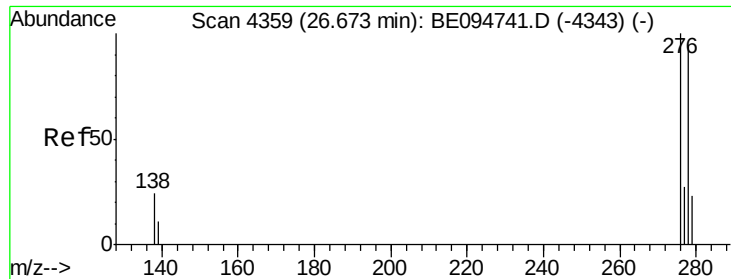


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

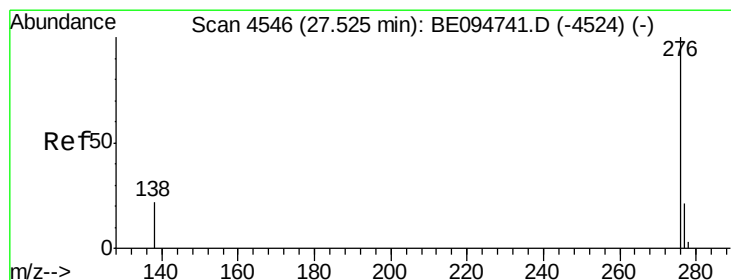
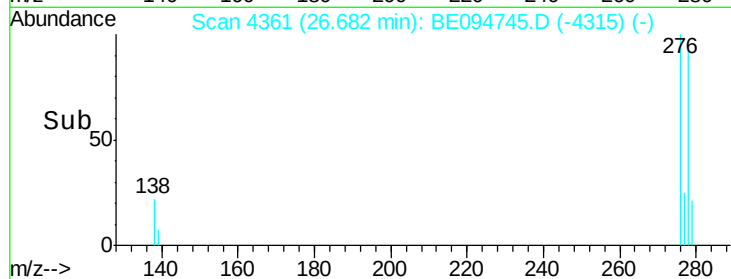
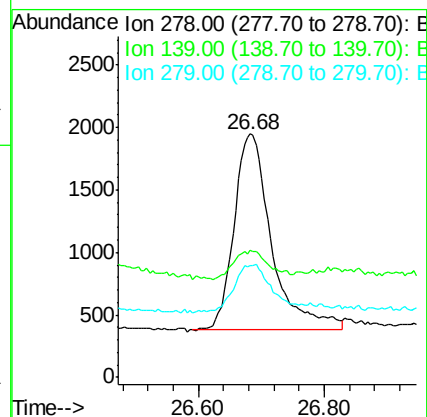
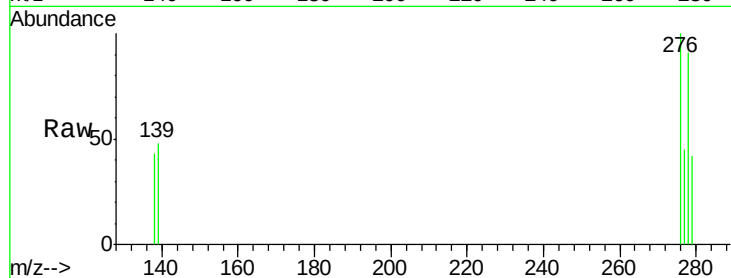




#25
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094745.D
Acq: 4 Nov 2017 18:51

Instrument :
BNA_E
ClientSampleId :
SSTD0.476

Tot Ion:278 Resp: 6530
Ion Ratio Lower Upper
278 100
139 52.4 17.4 26.0#
279 46.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.32 ng/ul
RT: 27.53 min Scan# 4548
Delta R.T. 0.01 min
Lab File: BE094745.D
Acq: 4 Nov 2017 18:51

Tgt Ion:276 Resp: 5414
Ion Ratio Lower Upper
276 100
138 45.7 21.8 32.8#
277 49.2 20.5 30.7#

