

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094638.D
 Acq On : 29 Oct 2017 00:30
 Operator : SJ/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.465

Quant Time: Oct 30 04:38:35 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 Oct 30 04:29:38 2017
 Response via : Initial Calibration

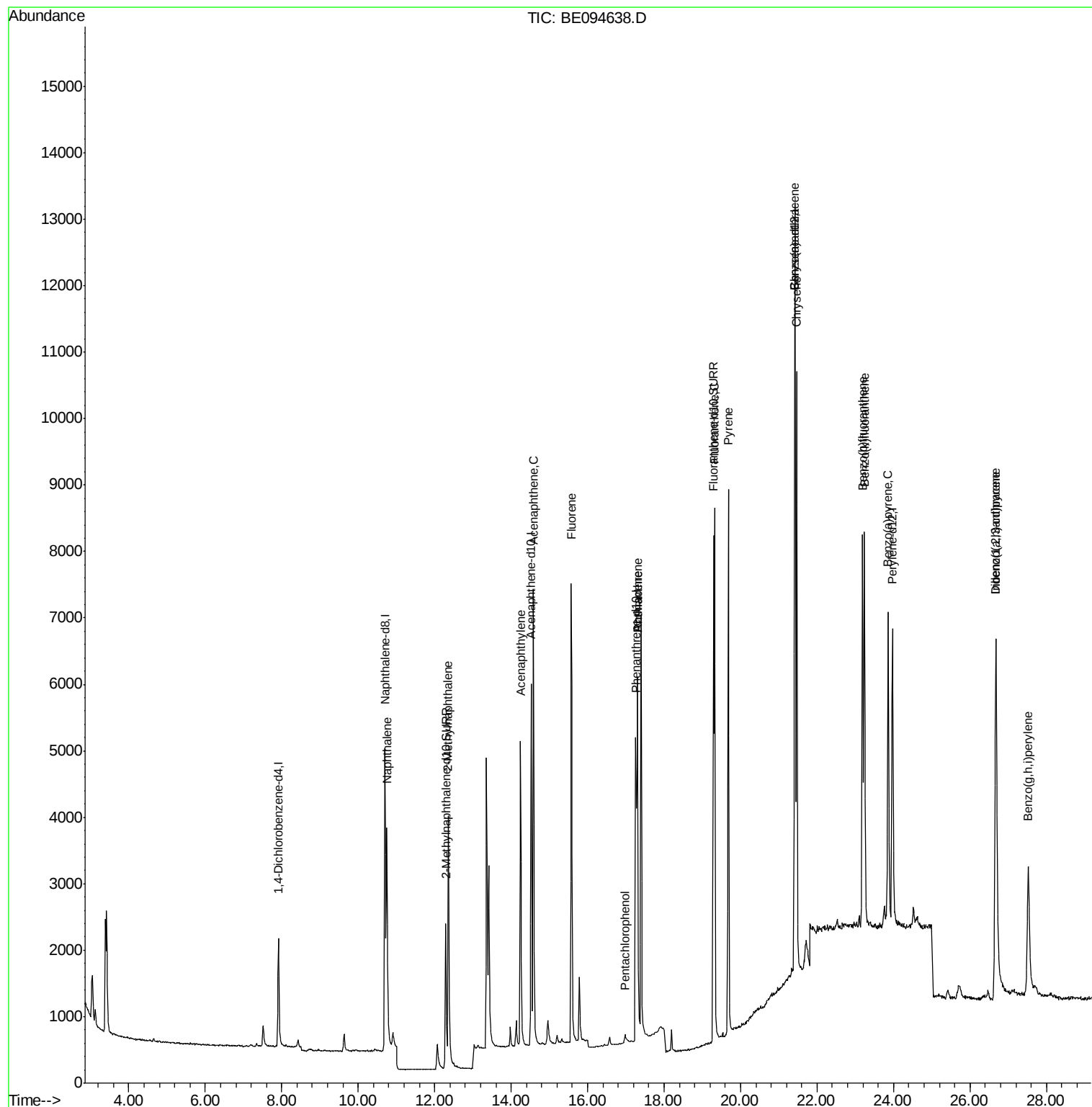
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1131	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6611	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3609	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7888	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8011	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7831	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4197	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9687	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6262	0.39	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4355	0.39	ng/ul	99
7) Acenaphthylene	14.24	152	6593	0.40	ng/ul	97
8) Acenaphthene	14.58	153	4648	0.40	ng/ul	95
9) Fluorene	15.58	166	5257	0.40	ng/ul	93
11) Pentachlorophenol	16.98	266	267	0.68	ng/ul	94
12) Phenanthrene	17.31	178	8060	0.39	ng/ul	95
13) Anthracene	17.31	178	8028	0.39	ng/ul	94
15) Fluoranthene	19.32	202	9865	0.41	ng/ul	84
17) Pyrene	19.68	202	10338	0.42	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	9692	0.42	ng/ul#	88
19) Chrysene	21.47	228	9241	0.39	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	8948	0.41	ng/ul	93
22) Benzo(k)fluoranthene	23.24	252	9378	0.40	ng/ul#	95
23) Benzo(a)pyrene	23.86	252	8781	0.40	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.68	276	8477	0.37	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.67	278	7377	0.38	ng/ul#	91
26) Benzo(g,h,i)perylene	27.52	276	6300	0.34	ng/ul#	83

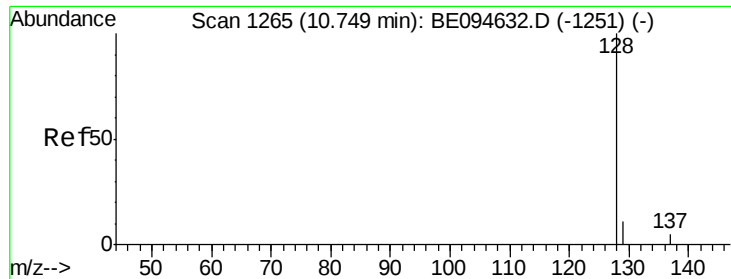
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094638.D
Acq On : 29 Oct 2017 00:30
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.465

Quant Time: Oct 30 04:38:35 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 Oct 30 04:29:38 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

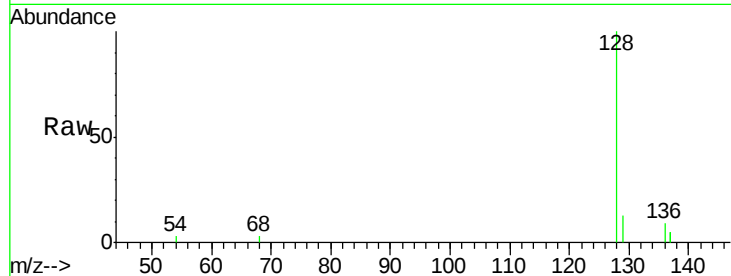
Tot Ion:128 Resp: 6262

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

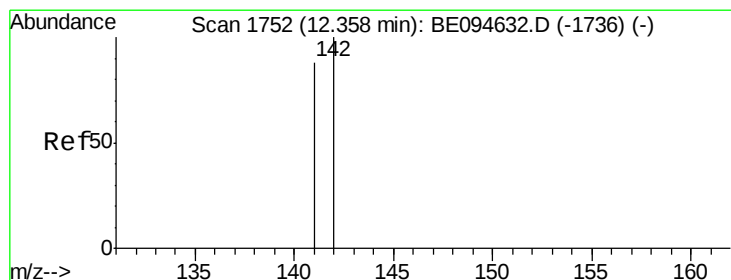
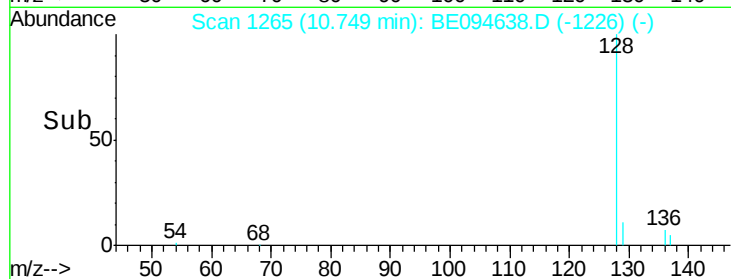
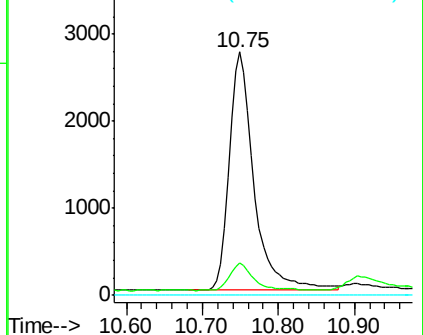
127 0.0 4.0 6.0#



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: 0.39 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BE094638.D

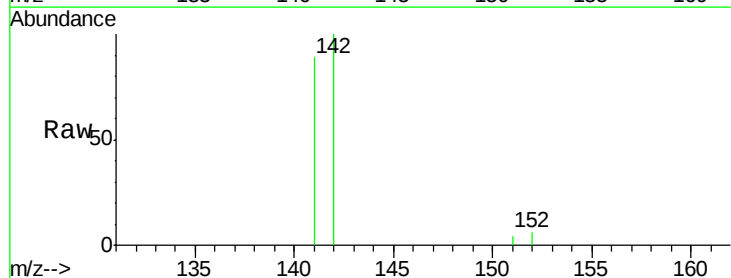
Acq: 29 Oct 2017 00:30

Tgt Ion:142 Resp: 4355

Ion Ratio Lower Upper

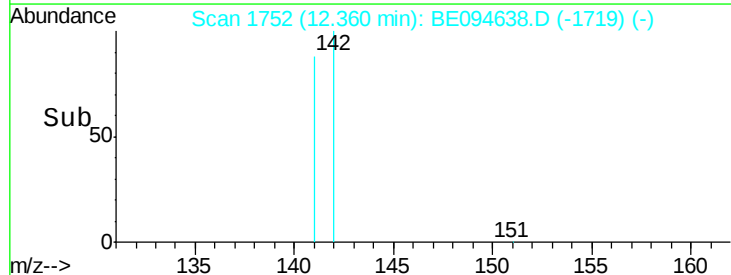
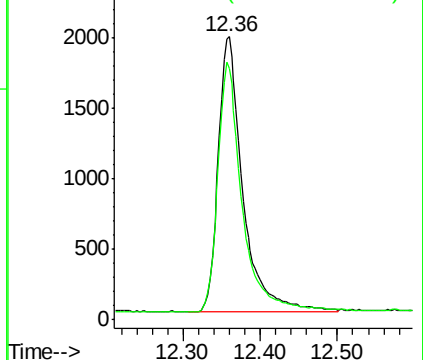
142 100

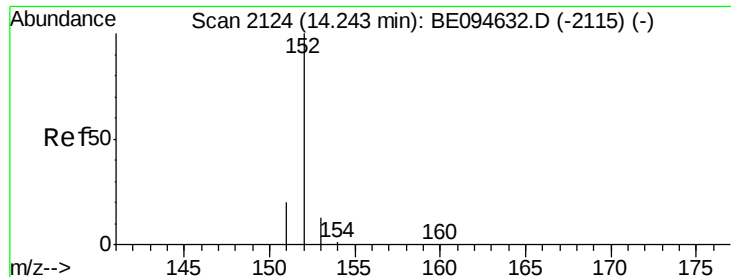
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

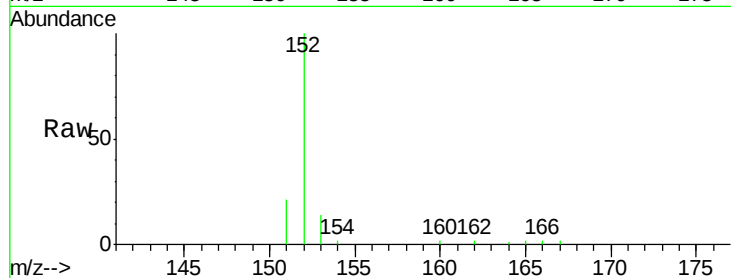
Tot Ion:152 Resp: 6593

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

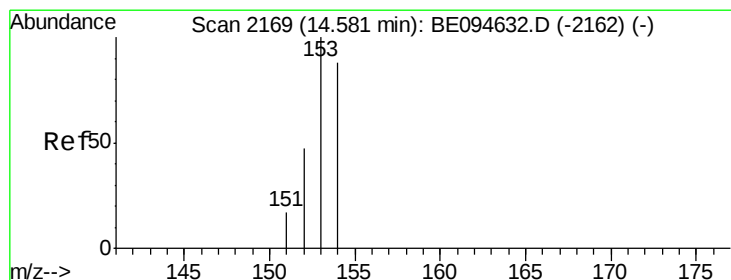
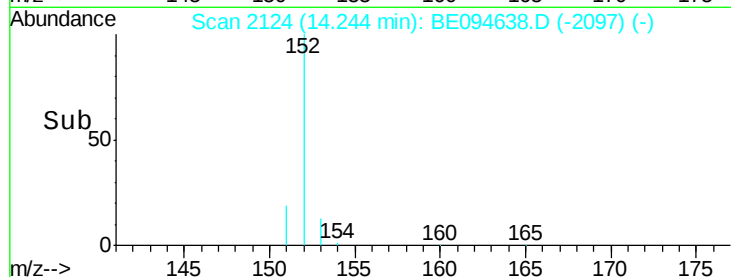
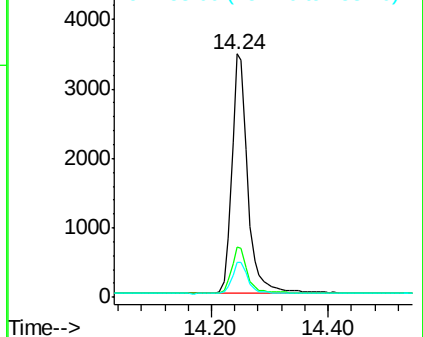
153 14.2 12.8 19.2



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: 0.40 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

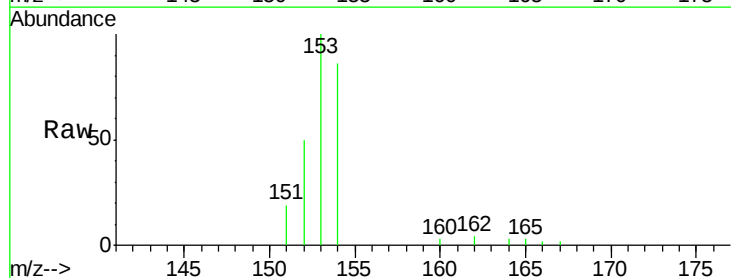
Tgt Ion:153 Resp: 4648

Ion Ratio Lower Upper

153 100

152 49.7 36.0 54.0

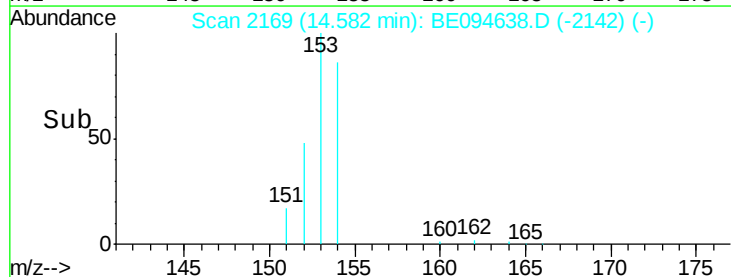
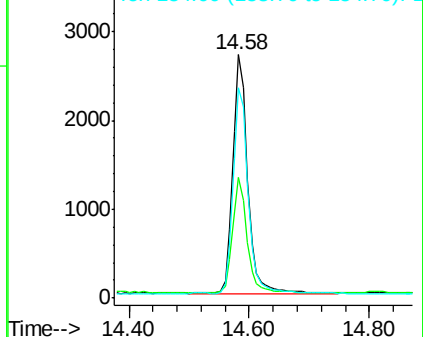
154 86.5 72.0 108.0

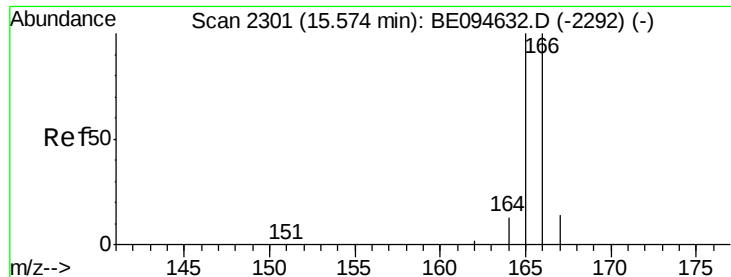


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

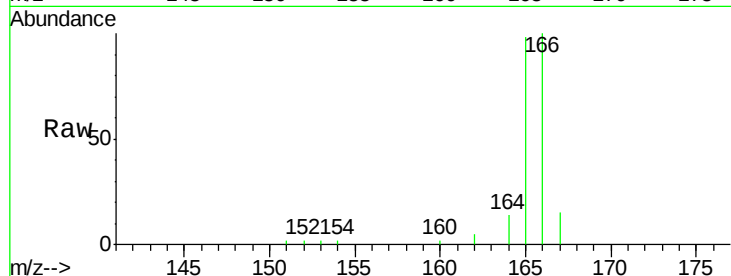
Tot Ion:166 Resp: 5257

Ion Ratio Lower Upper

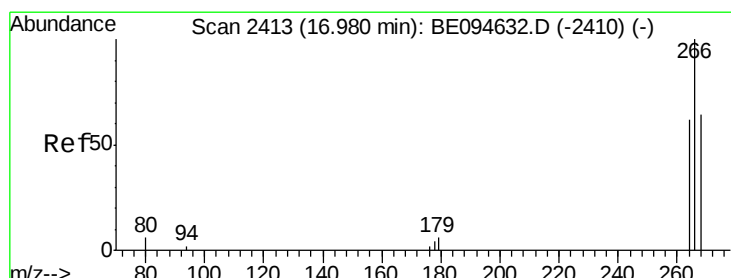
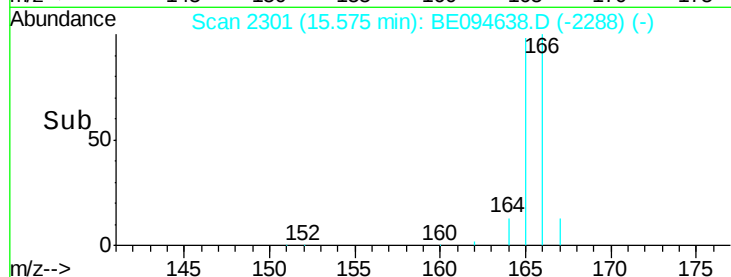
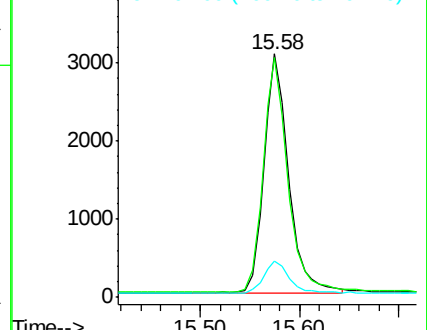
166 100

165 98.3 73.4 110.2

167 14.9 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.68 ng/ul

RT: 16.98 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

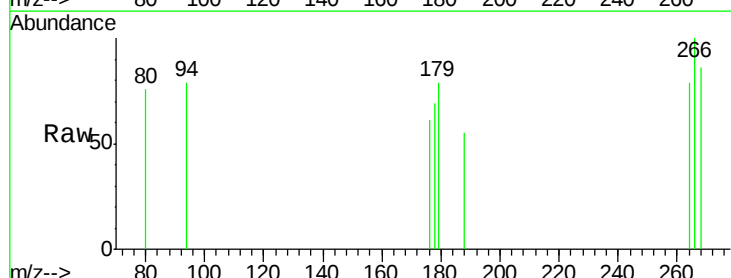
Tgt Ion:266 Resp: 267

Ion Ratio Lower Upper

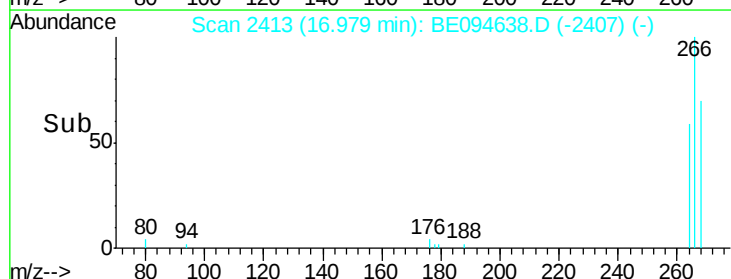
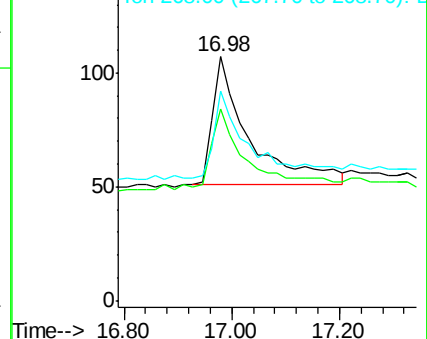
266 100

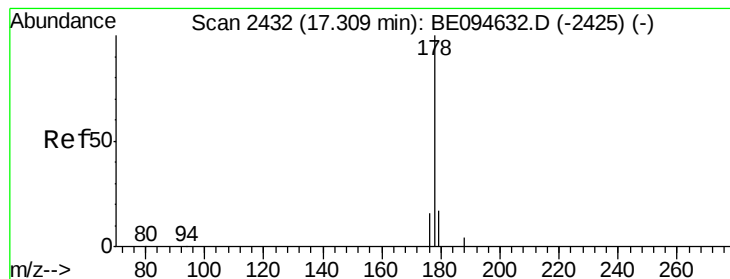
264 56.2 47.9 71.9

268 67.4 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

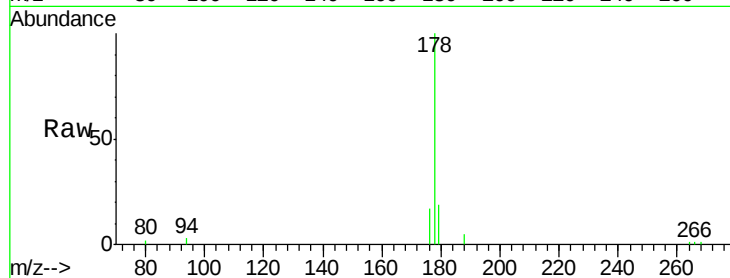
Tot Ion:178 Resp: 8060

Ion Ratio Lower Upper

178 100

179 18.7 18.4 27.6

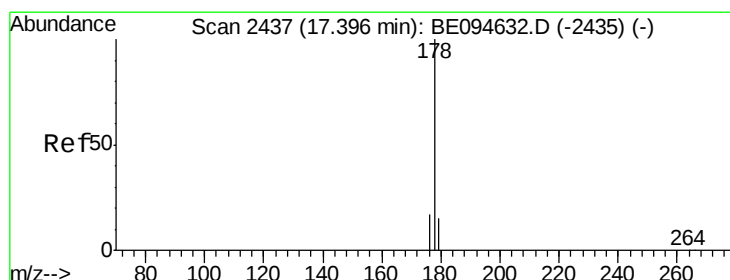
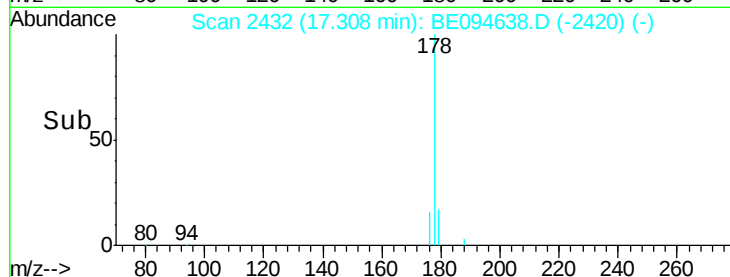
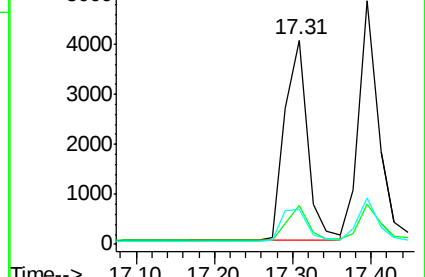
176 17.2 13.6 20.4



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: 0.39 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.09 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

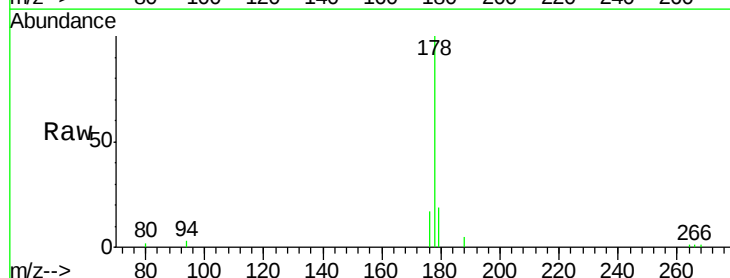
Tgt Ion:178 Resp: 8028

Ion Ratio Lower Upper

178 100

179 18.7 18.1 27.1

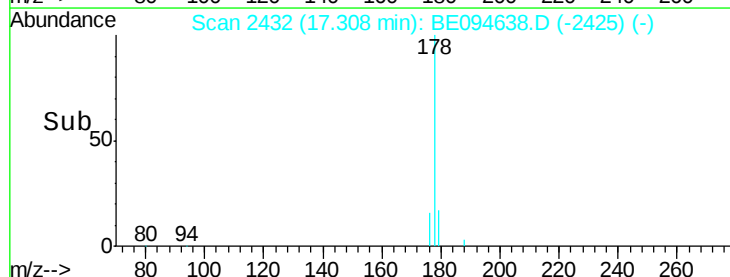
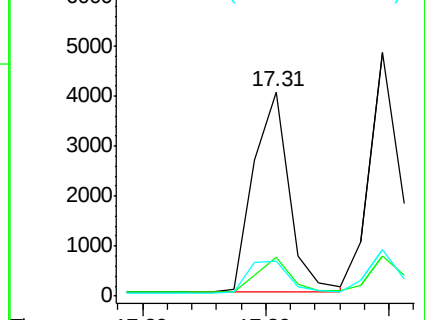
176 17.2 14.7 22.1

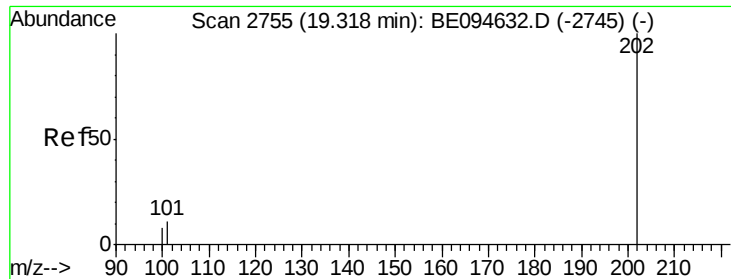


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

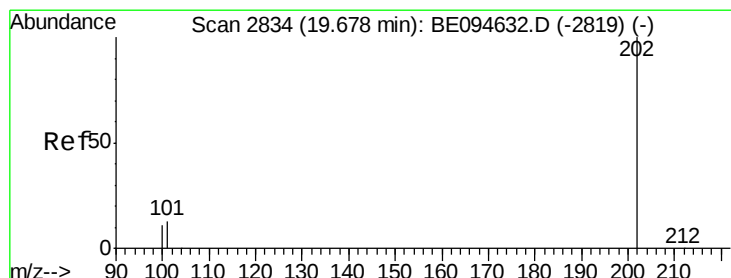
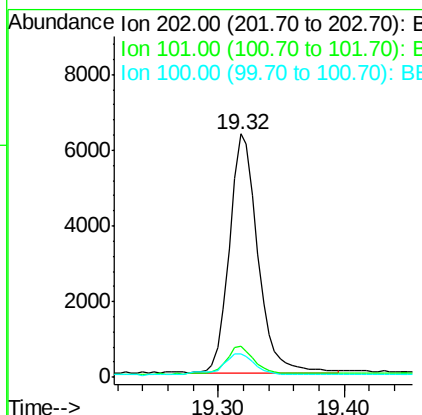
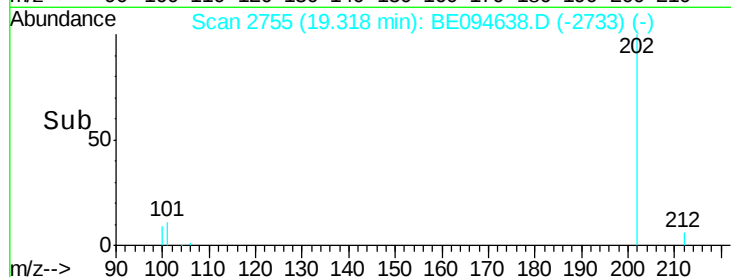
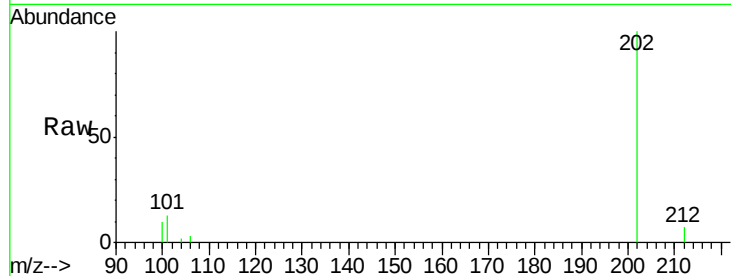




#15
Fluoranthene
 Concen: 0.41 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BE094638.D
 Acq: 29 Oct 2017 00:30

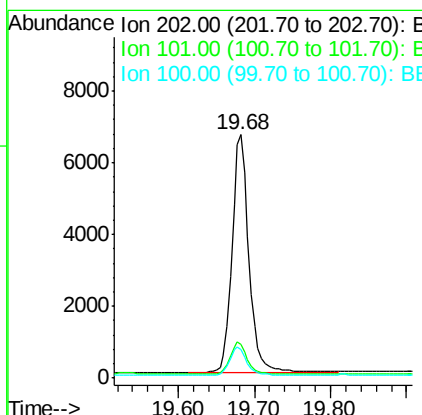
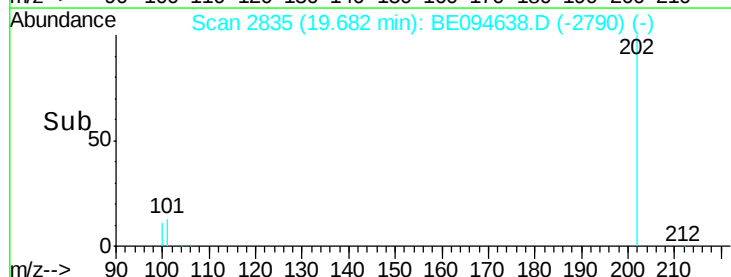
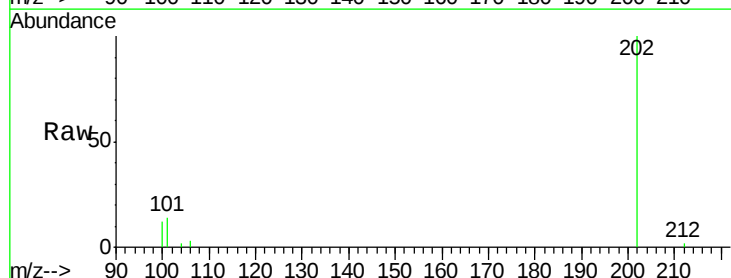
Instrument :
 BNA_E
 ClientSampleId :
 SST0.465

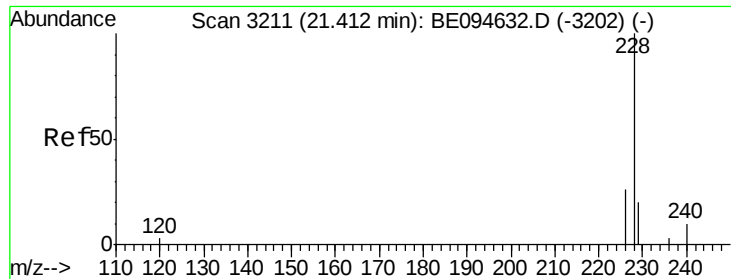
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.8	0.0	39.5



#17
Pyrene
 Concen: 0.42 ng/ul
 RT: 19.68 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BE094638.D
 Acq: 29 Oct 2017 00:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	11.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.41 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

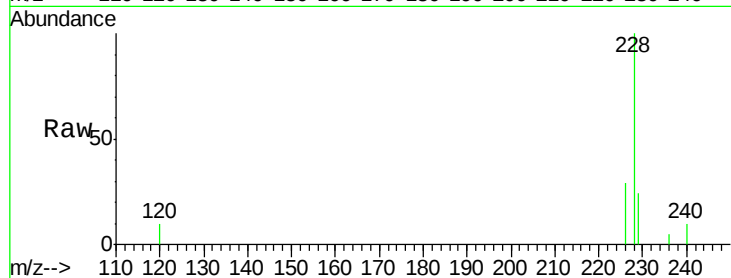
Tot Ion:228 Resp: 9692

Ion Ratio Lower Upper

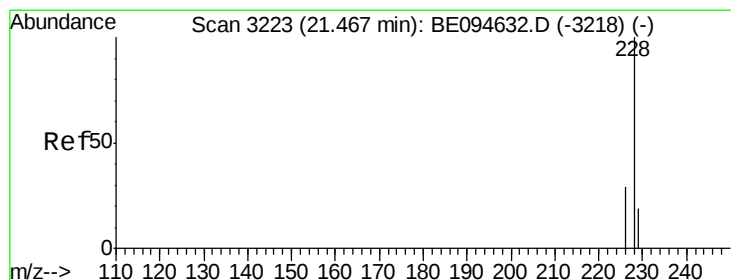
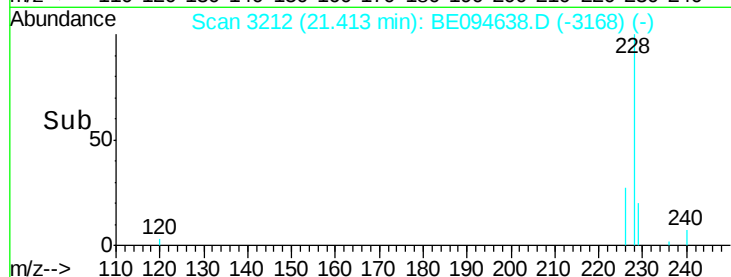
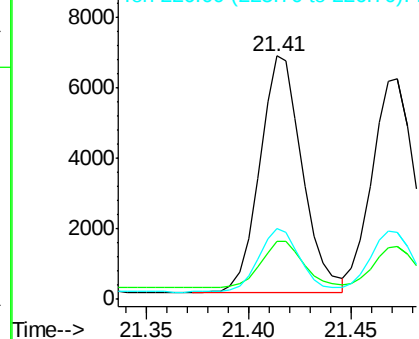
228 100

229 23.8 22.8 34.2

226 28.9 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: 0.39 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

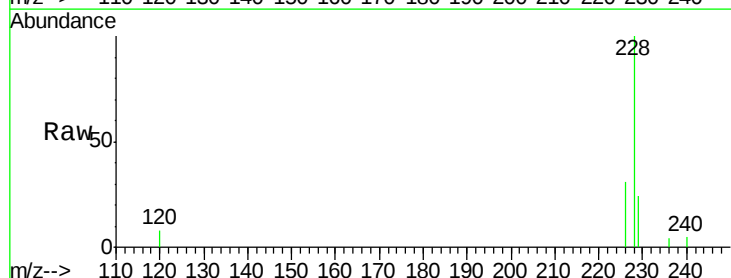
Tgt Ion:228 Resp: 9241

Ion Ratio Lower Upper

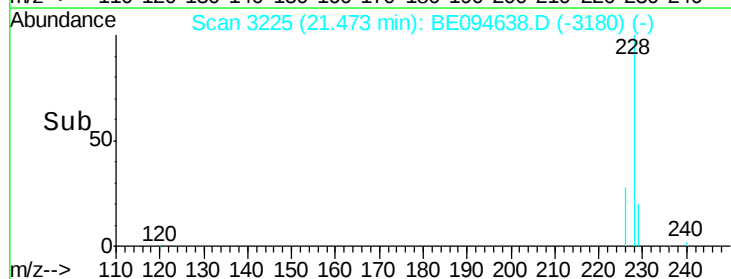
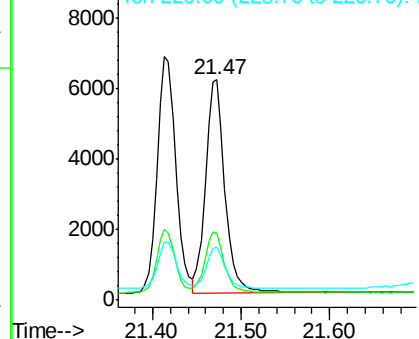
228 100

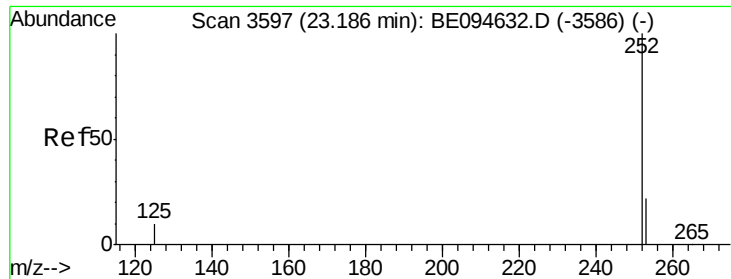
226 30.6 23.4 35.0

229 24.2 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: 0.41 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

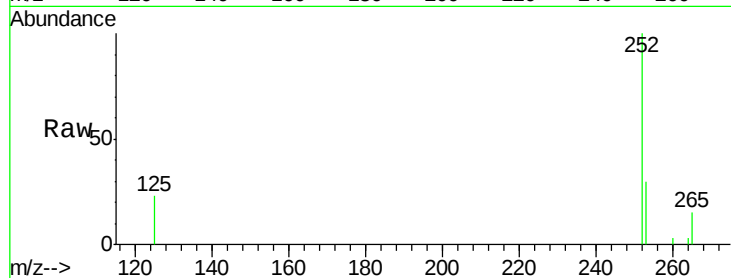
Tot Ion:252 Resp: 8948

Ion Ratio Lower Upper

252 100

253 29.7 0.0 64.2

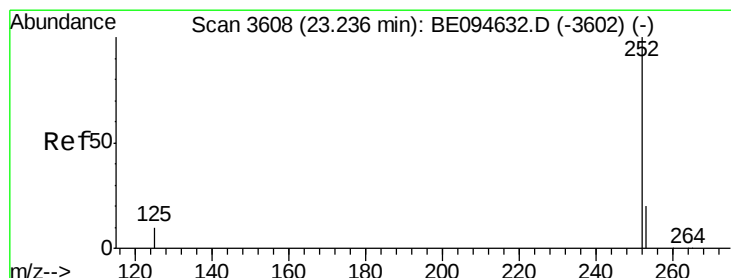
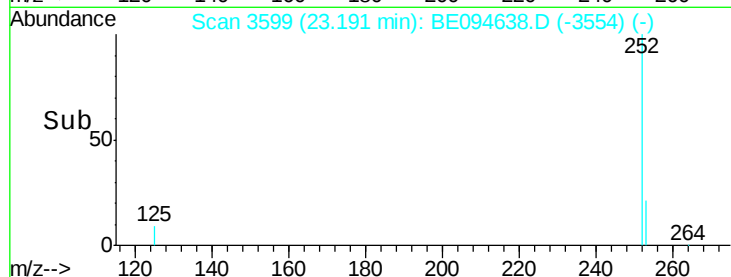
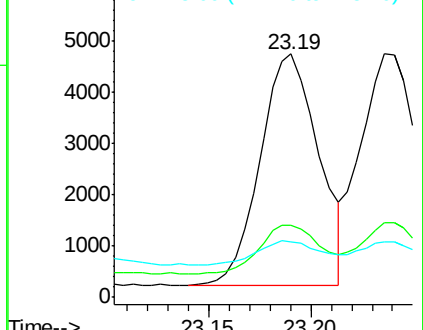
125 22.7 0.0 35.0



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: 0.40 ng/ul

RT: 23.24 min Scan# 3609

Delta R.T. -0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

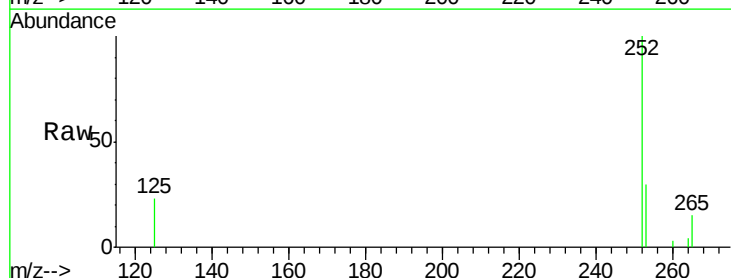
Tgt Ion:252 Resp: 9378

Ion Ratio Lower Upper

252 100

253 30.4 24.5 36.7

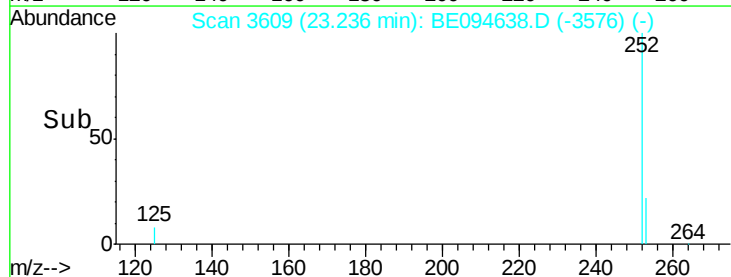
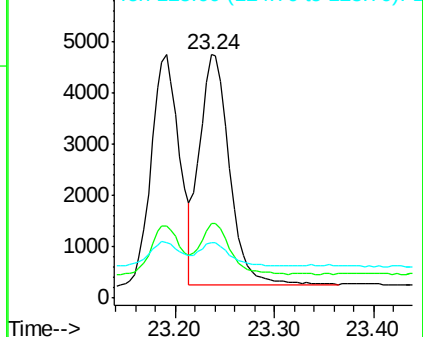
125 22.9 13.7 20.5#

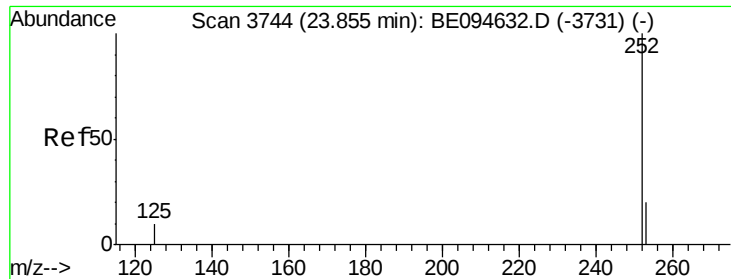


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.86 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

Instrument :

BNA_E

ClientSampleId :

SSTD0.465

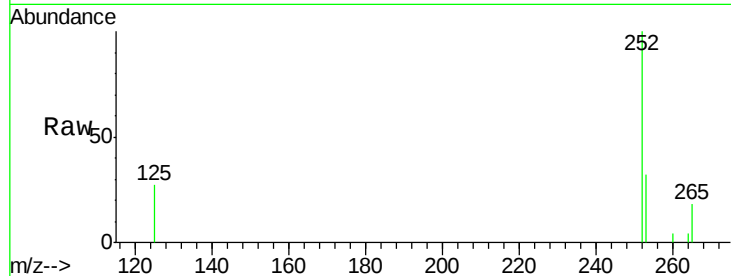
Tot Ion:252 Resp: 8781

Ion Ratio Lower Upper

252 100

253 32.3 28.5 42.7

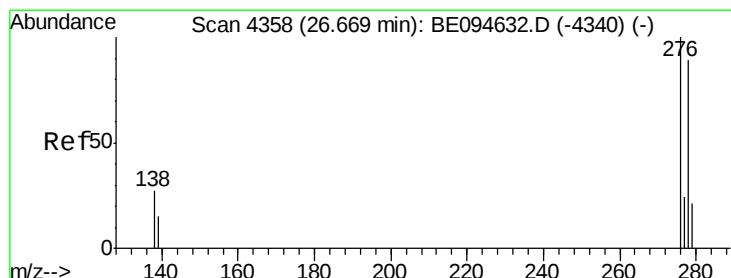
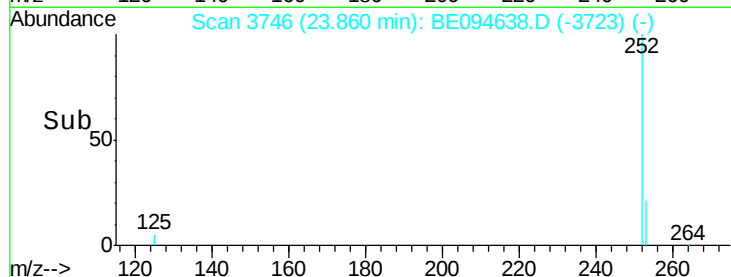
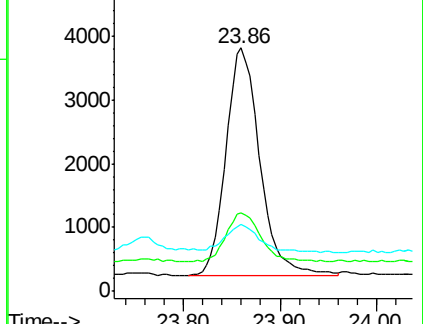
125 27.4 18.1 27.1#



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: 0.37 ng/ul

RT: 26.68 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BE094638.D

Acq: 29 Oct 2017 00:30

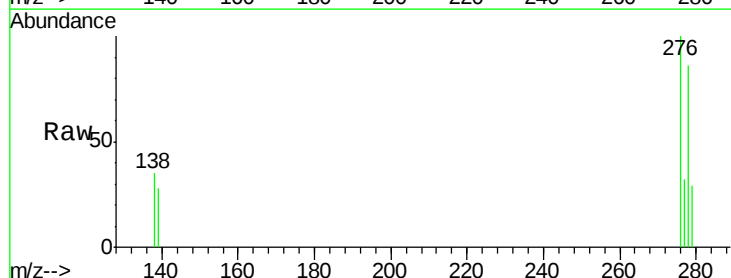
Tgt Ion:276 Resp: 8477

Ion Ratio Lower Upper

276 100

138 26.4 28.0 42.0#

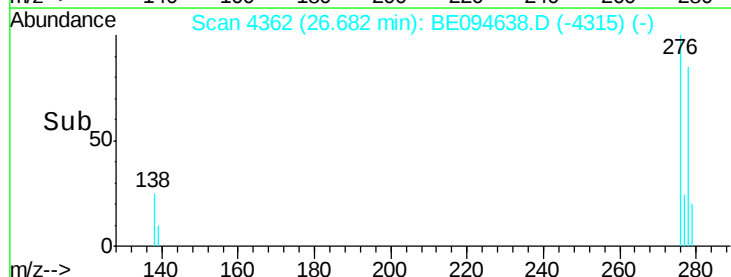
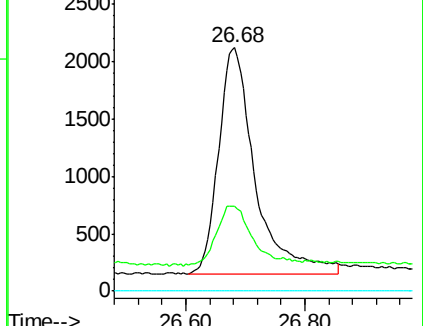
227 0.0 8.0 12.0#

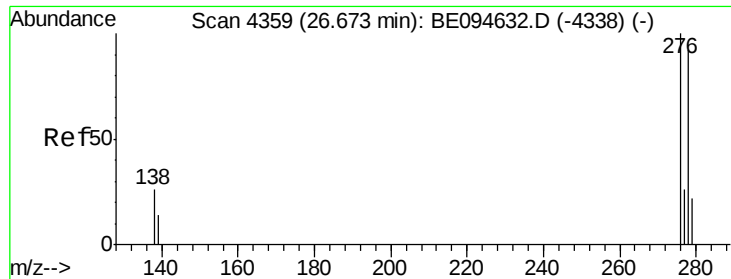


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

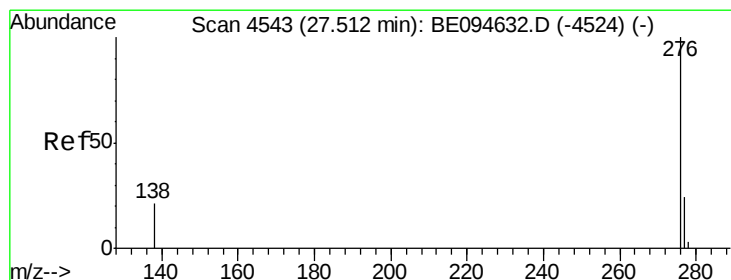
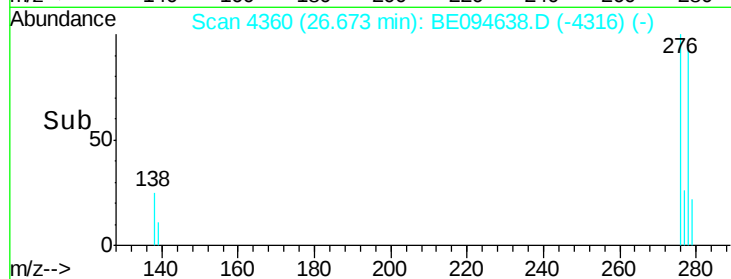
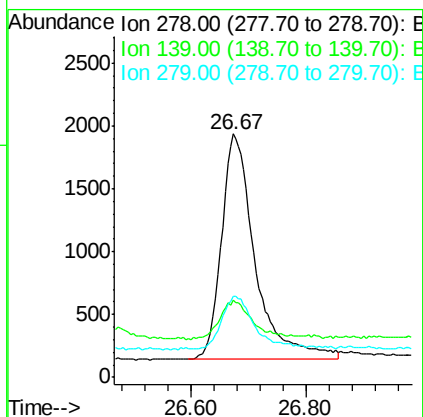
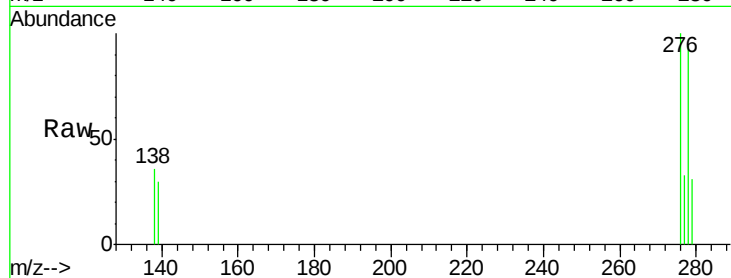




#25
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 26.67 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BE094638.D
Acq: 29 Oct 2017 00:30

Instrument :
BNA_E
ClientSampleId :
SSTD0.465

Tot Ion:278 Resp: 7377
Ion Ratio Lower Upper
278 100
139 31.7 17.4 26.0#
279 33.2 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.34 ng/ul
RT: 27.52 min Scan# 4546
Delta R.T. 0.01 min
Lab File: BE094638.D
Acq: 29 Oct 2017 00:30

Tgt Ion:276 Resp: 6300
Ion Ratio Lower Upper
276 100
138 35.8 21.8 32.8#
277 34.0 20.5 30.7#

