

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
 Data File : BE094761.D
 Acq On : 6 Nov 2017 19:50
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.478

Quant Time: Nov 07 00:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 00:12:32 2017
 Response via : Initial Calibration

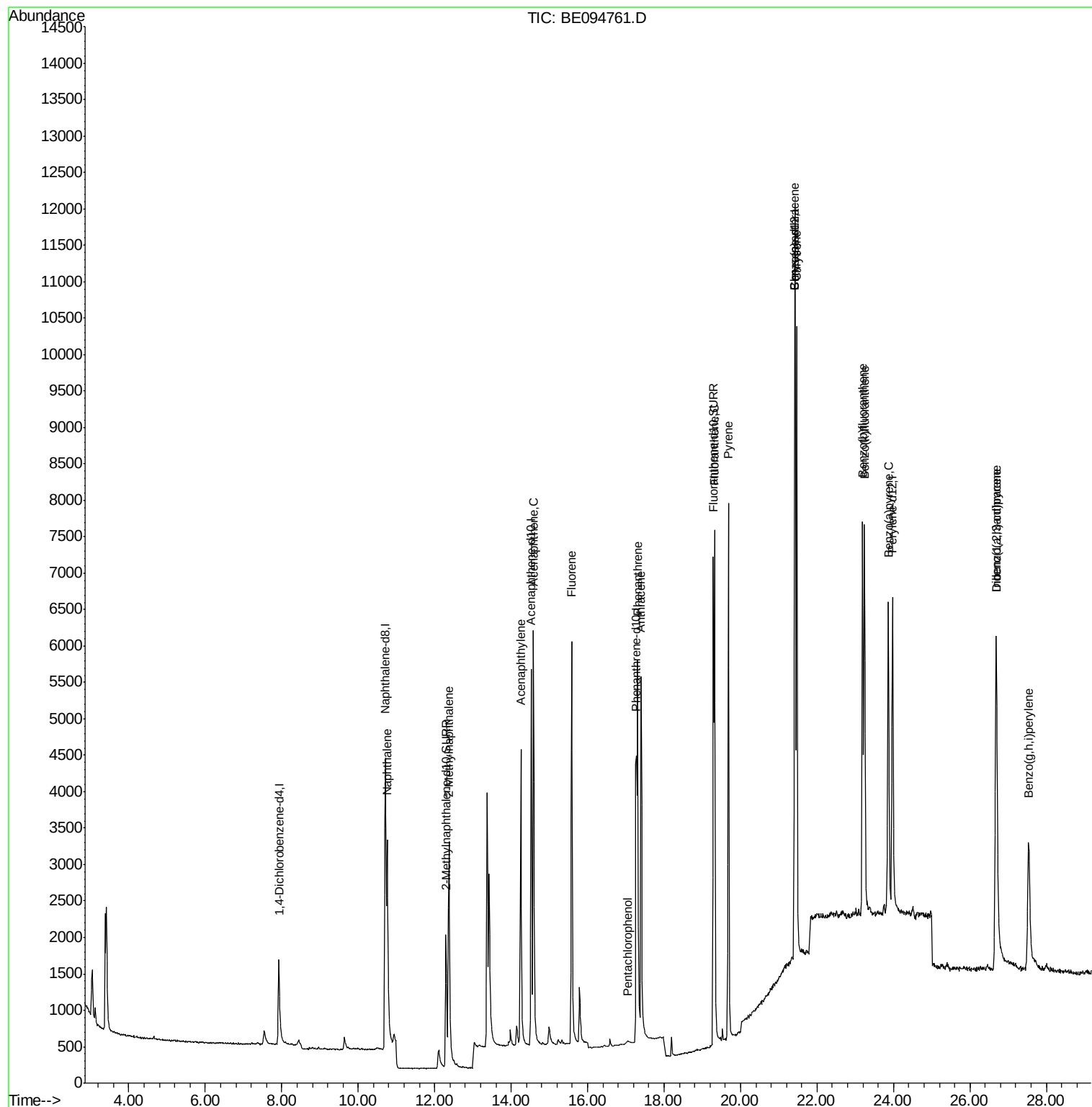
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1121	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	6829	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3713	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	7972	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8011	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	7702	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4060	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9174	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	5919	0.35	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	4089	0.35	ng/ul	99
7) Acenaphthylene	14.25	152	6136	0.37	ng/ul	97
8) Acenaphthene	14.59	153	4359	0.36	ng/ul	99
9) Fluorene	15.58	166	4807	0.35	ng/ul	94
11) Pentachlorophenol	17.05	266	140	0.35	ng/ul#	84
12) Phenanthrene	17.31	178	7467	0.35	ng/ul#	92
13) Anthracene	17.40	178	7893	0.38	ng/ul#	91
15) Fluoranthene	19.32	202	9311	0.38	ng/ul	84
17) Pyrene	19.68	202	9788	0.40	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	8948	0.39	ng/ul#	89
19) Chrysene	21.47	228	8768	0.37	ng/ul	94
21) Benzo(b)fluoranthene	23.19	252	8354	0.39	ng/ul	93
22) Benzo(k)fluoranthene	23.24	252	8620	0.37	ng/ul#	94
23) Benzo(a)pyrene	23.86	252	8260	0.38	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.70	276	7486	0.33	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.68	278	6716	0.36	ng/ul#	88
26) Benzo(g,h,i)perylene	27.54	276	5624	0.31	ng/ul#	80

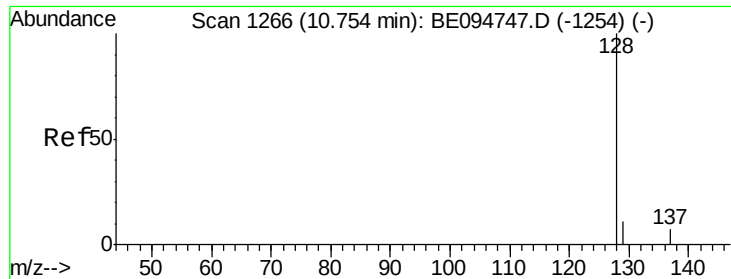
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094761.D
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#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

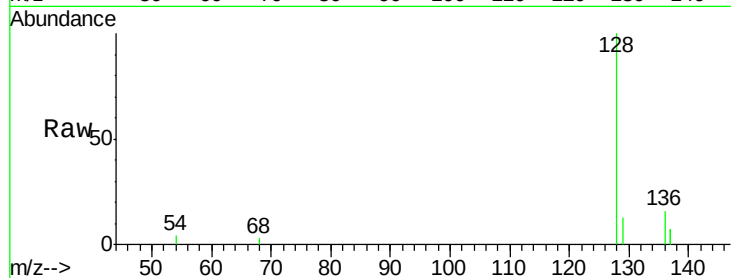
Tot Ion:128 Resp: 5919

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

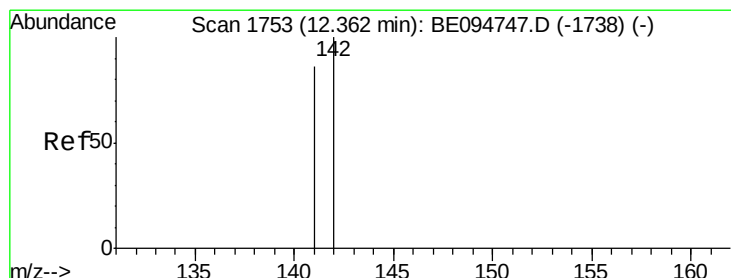
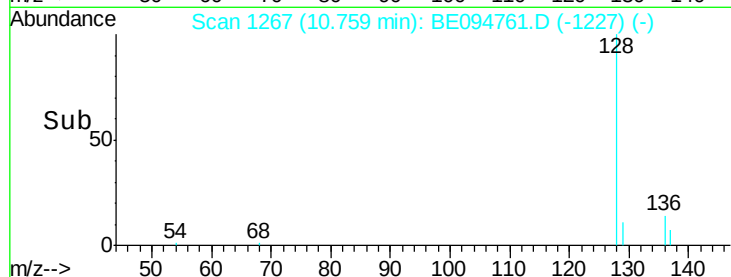
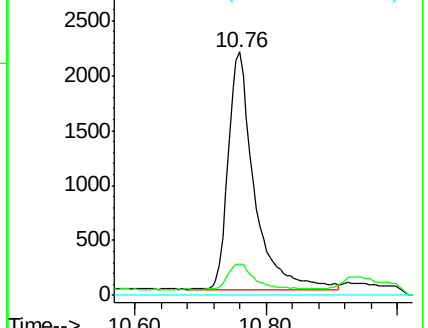
127 0.0 4.0 6.0#



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: 12.37 min Scan# 1755

Delta R.T. 0.01 min

Lab File: BE094761.D

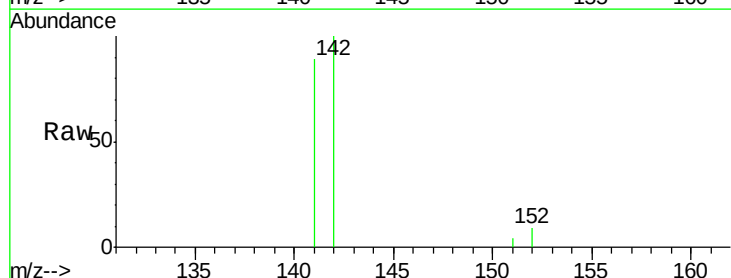
Acq: 6 Nov 2017 19:50

Tgt Ion:142 Resp: 4089

Ion Ratio Lower Upper

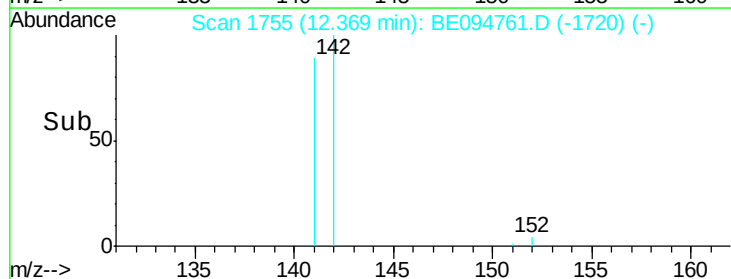
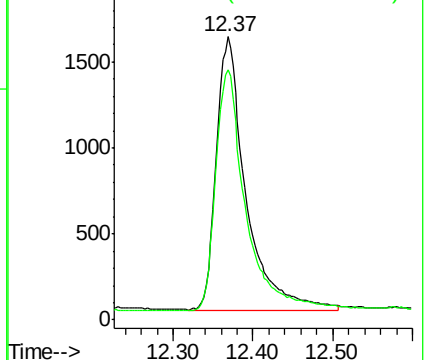
142 100

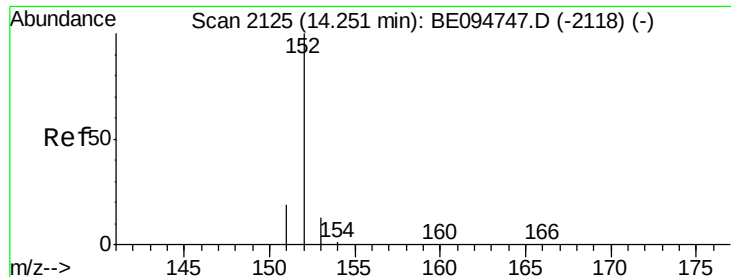
141 90.0 72.6 108.8



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# 2125

Delta R.T. 0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

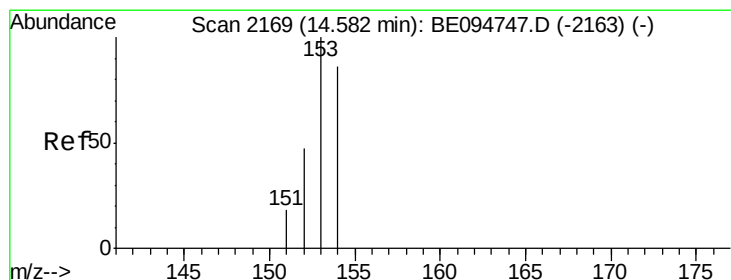
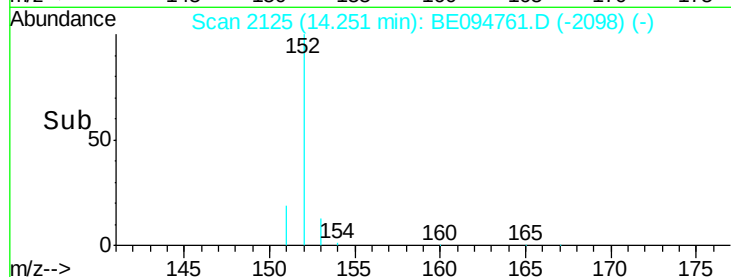
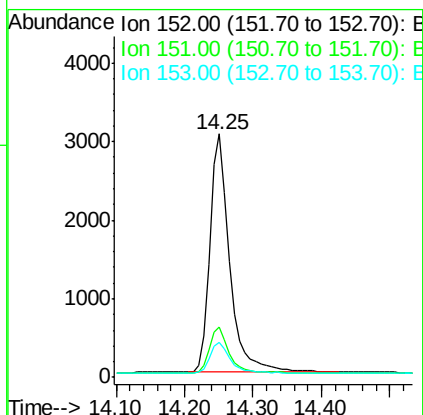
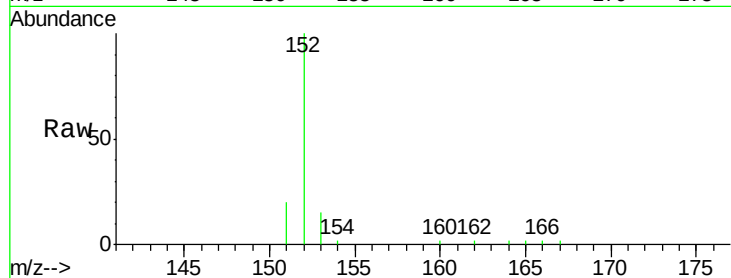
Tot Ion:152 Resp: 6136

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

153 14.6 12.8 19.2



#8

Acenaphthene

Concen: 0.36 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

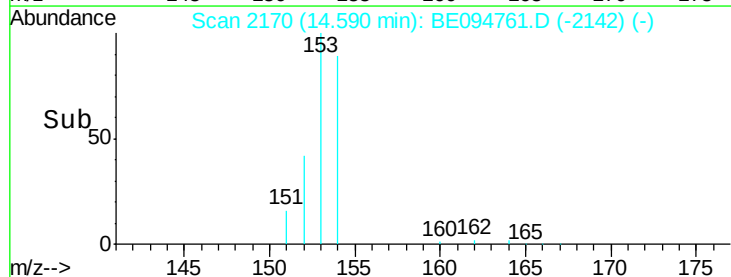
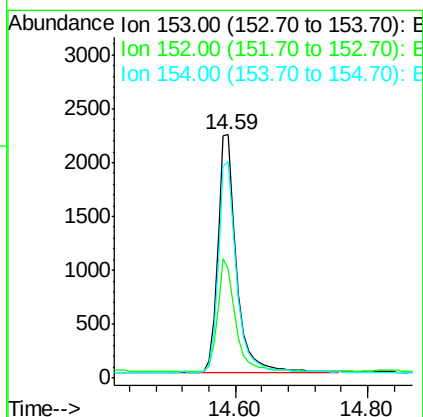
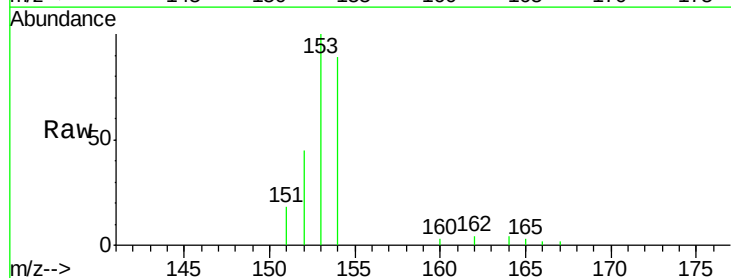
Tgt Ion:153 Resp: 4359

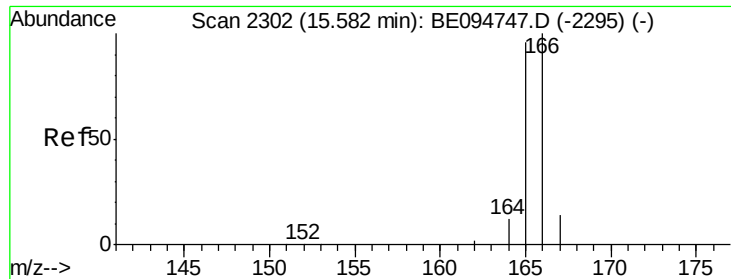
Ion Ratio Lower Upper

153 100

152 45.0 36.0 54.0

154 89.1 72.0 108.0

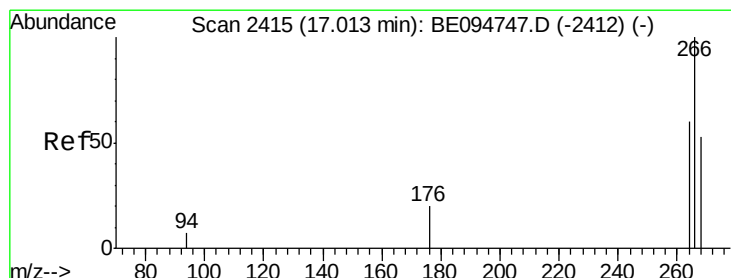
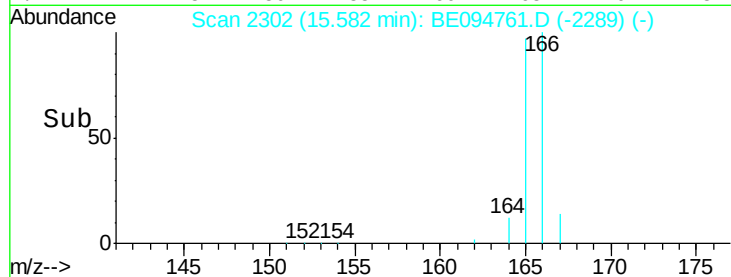
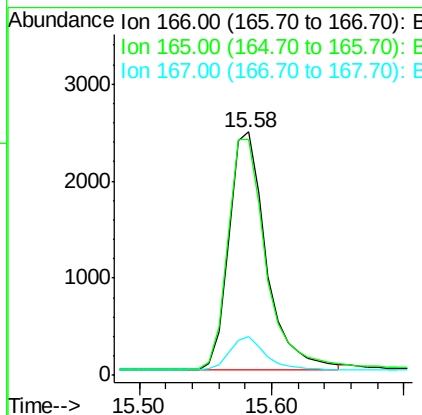
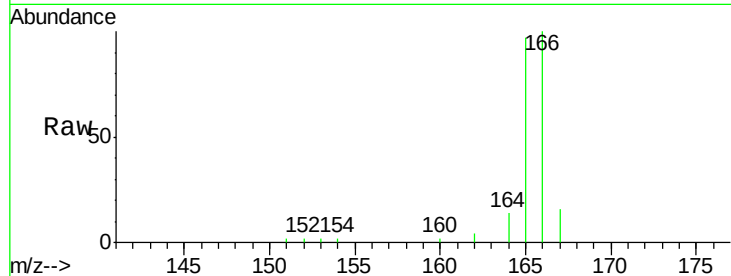




#9
Fluorene
 Concen: 0.35 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BE094761.D
 Acq: 6 Nov 2017 19:50

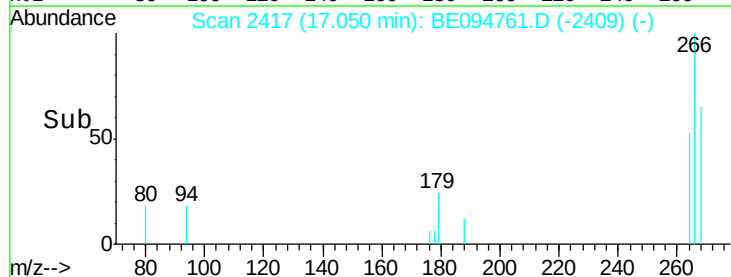
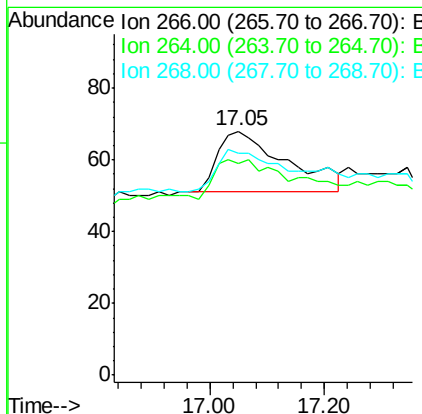
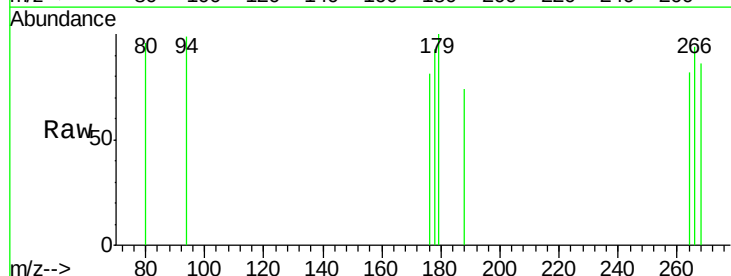
Instrument :
 BNA_E
 ClientSampleId :
 SST0.478

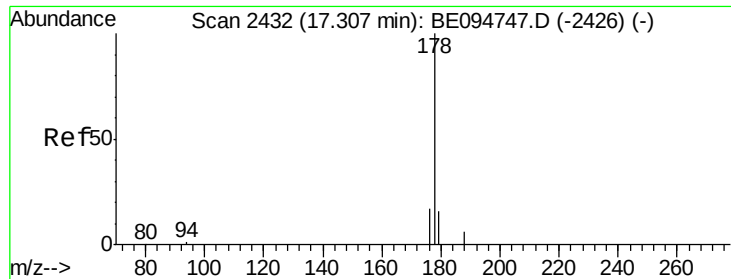
Tot Ion:166 Resp: 4807
 Ion Ratio Lower Upper
 166 100
 165 97.0 73.4 110.2
 167 15.8 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.35 ng/ul
 RT: 17.05 min Scan# 2417
 Delta R.T. 0.04 min
 Lab File: BE094761.D
 Acq: 6 Nov 2017 19:50

Tgt Ion:266 Resp: 140
 Ion Ratio Lower Upper
 266 100
 264 64.3 47.9 71.9
 268 82.1 49.8 74.8#





#12

Phenanthrene

Concen: 0.35 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

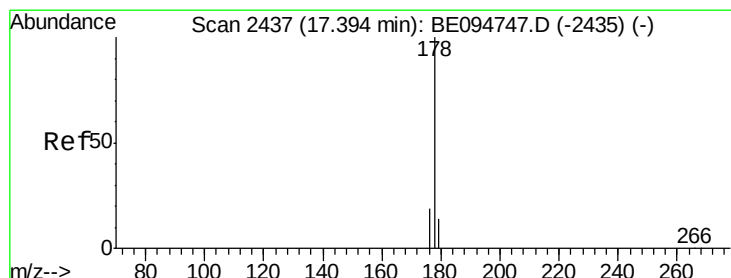
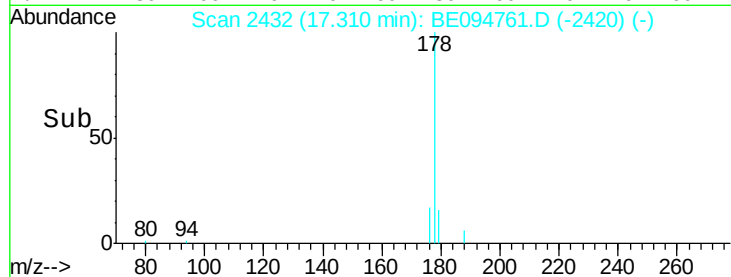
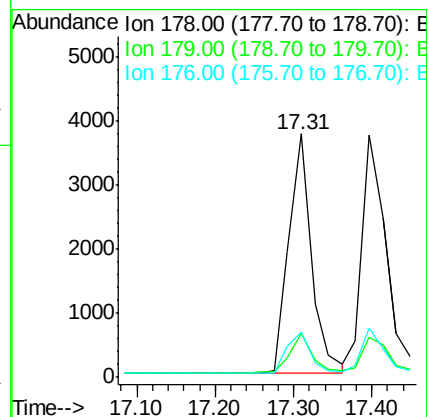
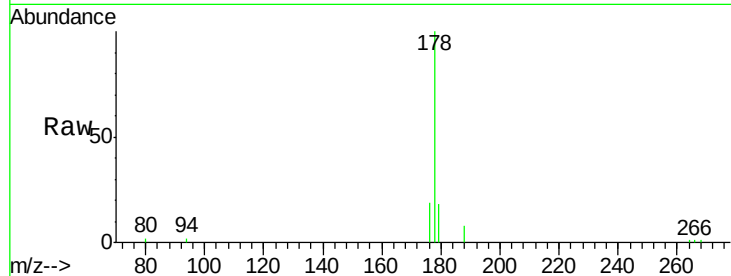
Tot Ion:178 Resp: 7467

Ion Ratio Lower Upper

178 100

179 17.9 18.4 27.6#

176 18.5 13.6 20.4



#13

Anthracene

Concen: 0.38 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

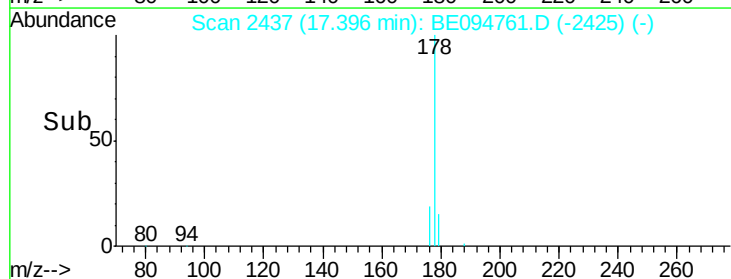
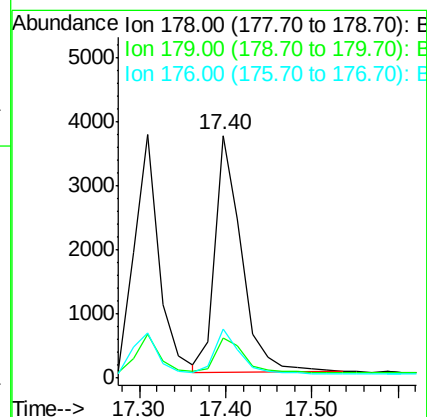
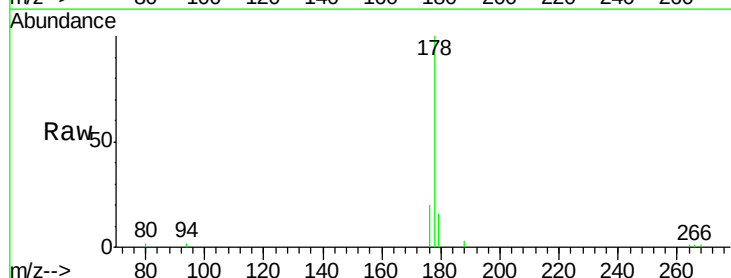
Tgt Ion:178 Resp: 7893

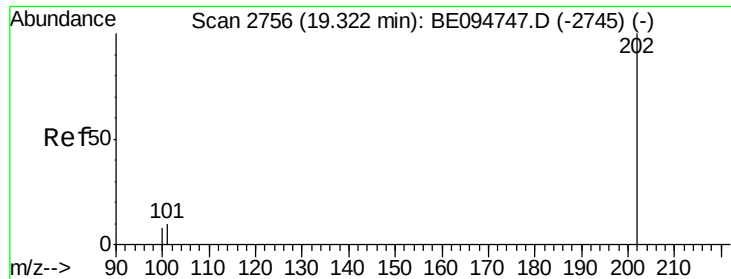
Ion Ratio Lower Upper

178 100

179 16.4 18.1 27.1#

176 20.1 14.7 22.1





#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

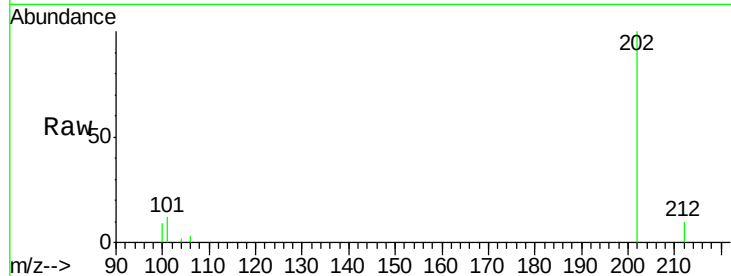
Tot Ion:202 Resp: 9311

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.3

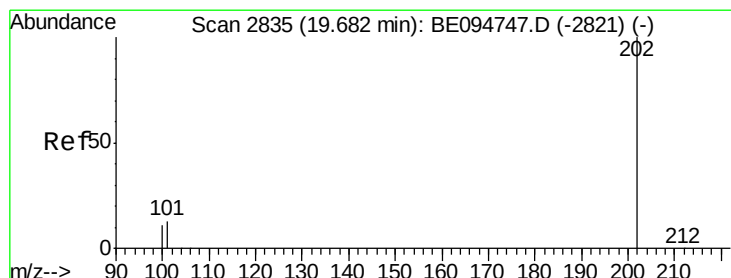
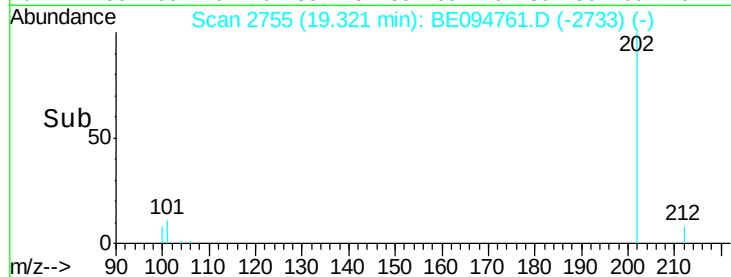
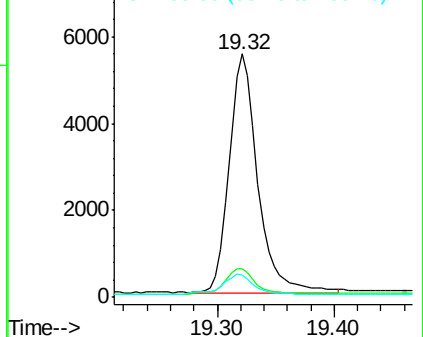
100 9.2 0.0 39.5



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: 0.40 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

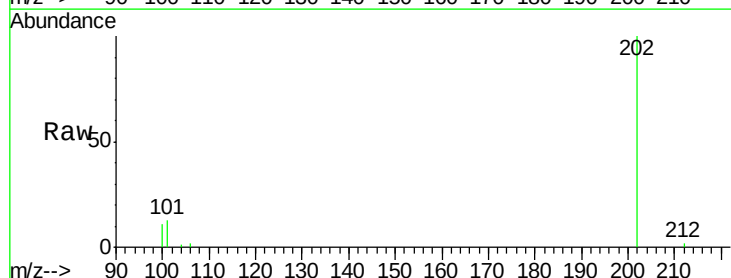
Tgt Ion:202 Resp: 9788

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

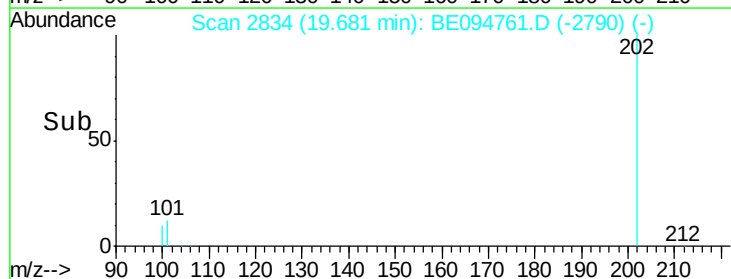
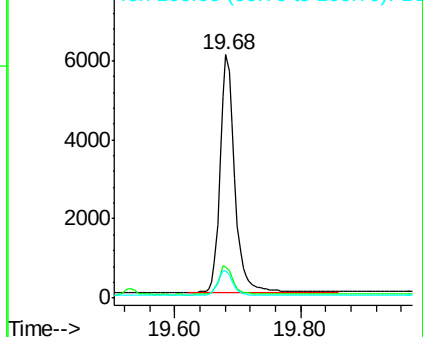
100 11.1 15.6 23.4#

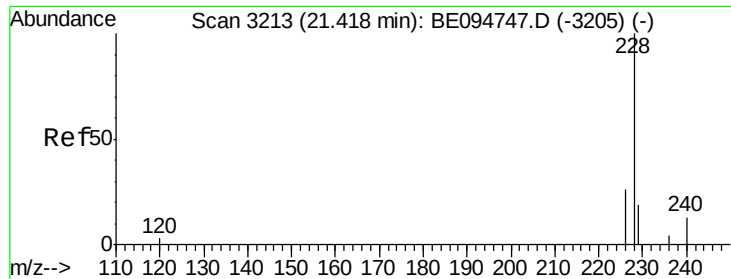


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 21.42 min Scan# 3212

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

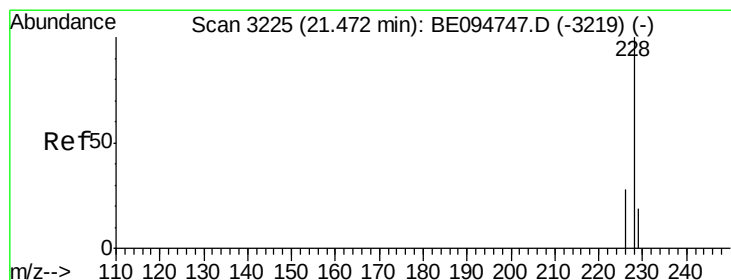
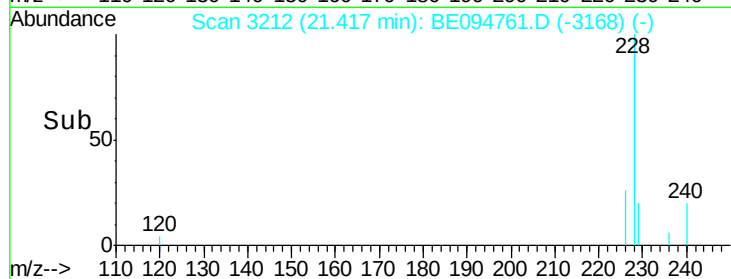
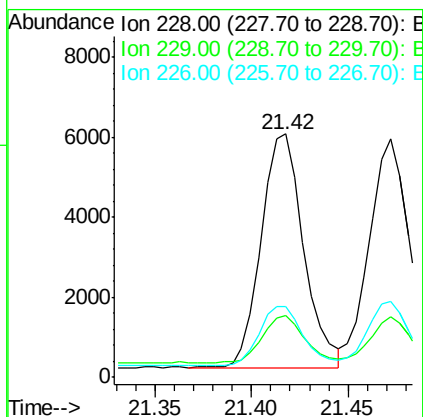
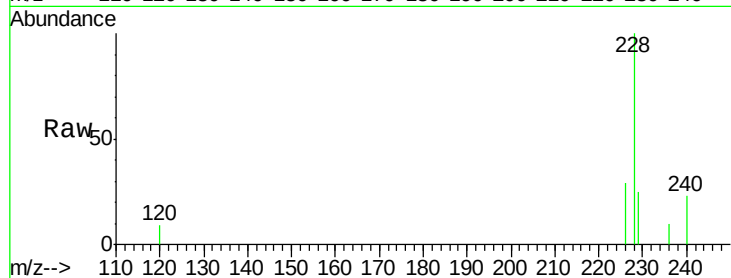
Tot Ion:228 Resp: 8948

Ion Ratio Lower Upper

228 100

229 25.2 22.8 34.2

226 29.2 17.0 25.6#



#19

Chrysene

Concen: 0.37 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

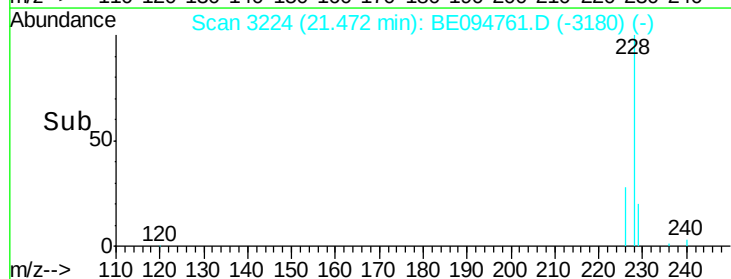
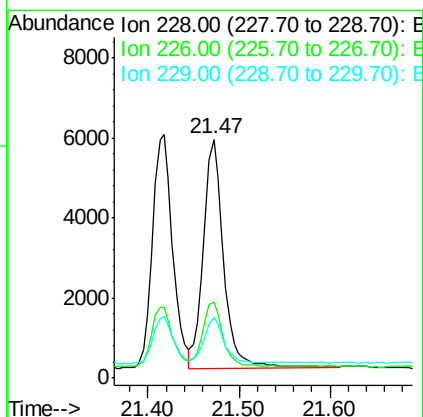
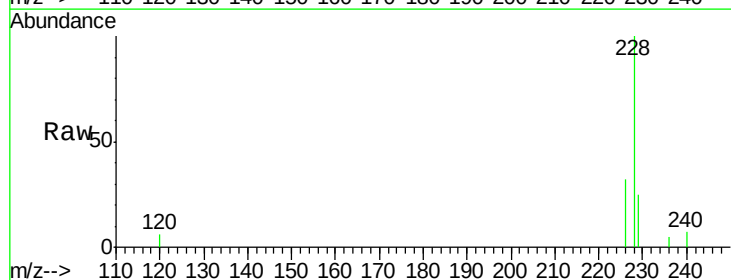
Tgt Ion:228 Resp: 8768

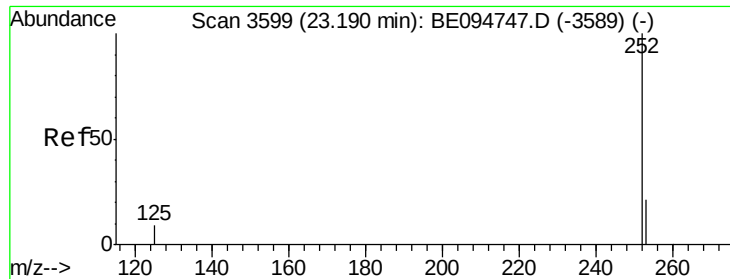
Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

229 25.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.39 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

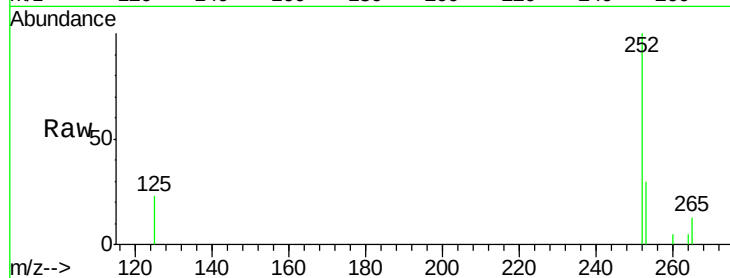
Tot Ion:252 Resp: 8354

Ion Ratio Lower Upper

252 100

253 29.8 0.0 64.2

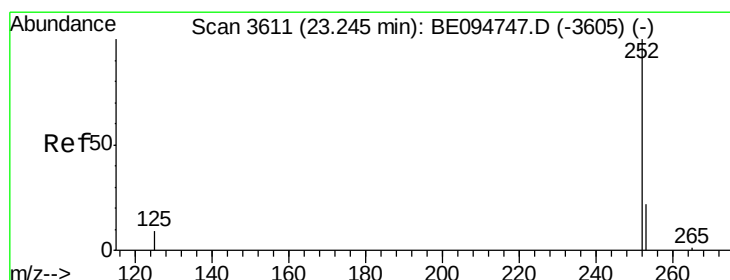
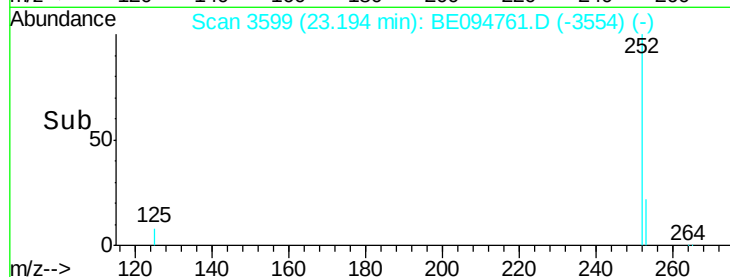
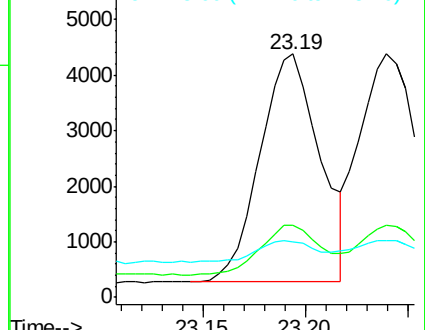
125 23.0 0.0 35.0



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: 0.37 ng/ul

RT: 23.24 min Scan# 3609

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

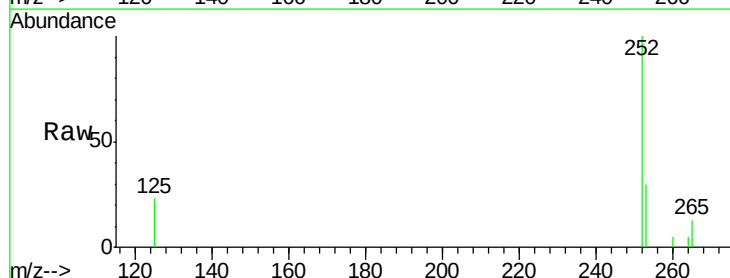
Tgt Ion:252 Resp: 8620

Ion Ratio Lower Upper

252 100

253 29.7 24.5 36.7

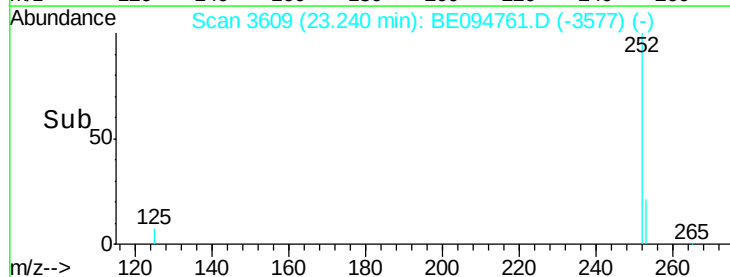
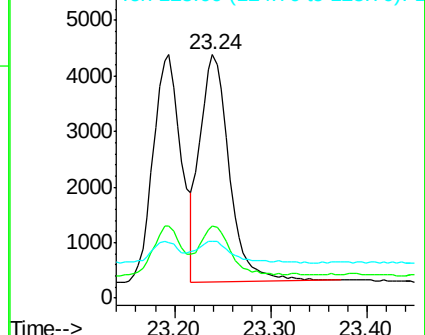
125 23.3 13.7 20.5#

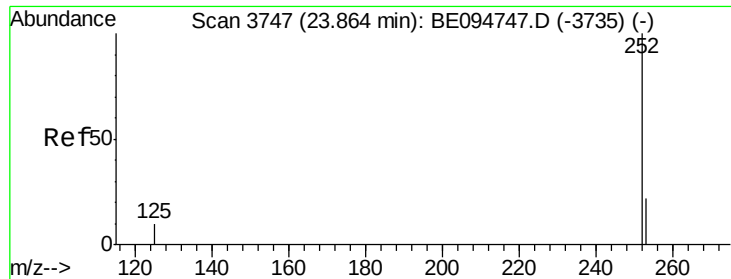


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 23.86 min Scan# 3746

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

Instrument :

BNA_E

ClientSampleId :

SSTD0.478

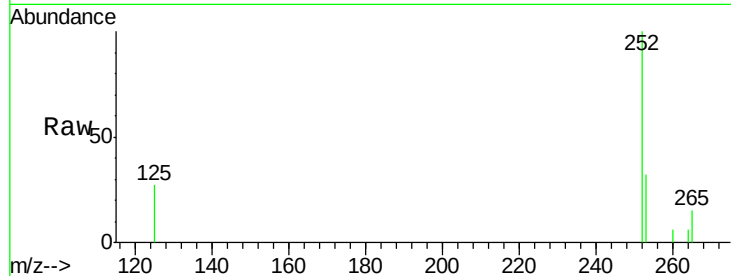
Tot Ion:252 Resp: 8260

Ion Ratio Lower Upper

252 100

253 31.7 28.5 42.7

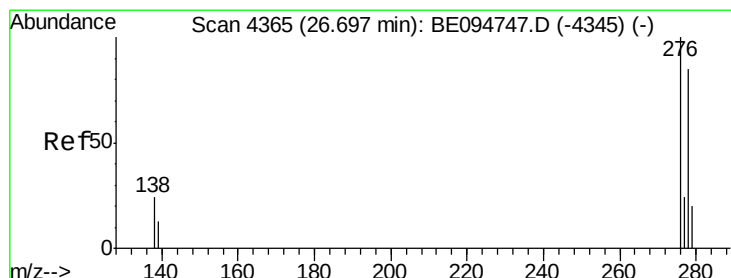
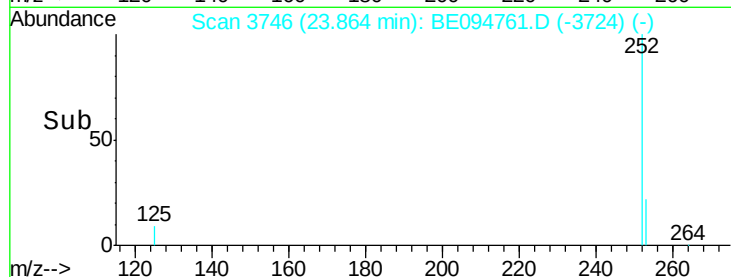
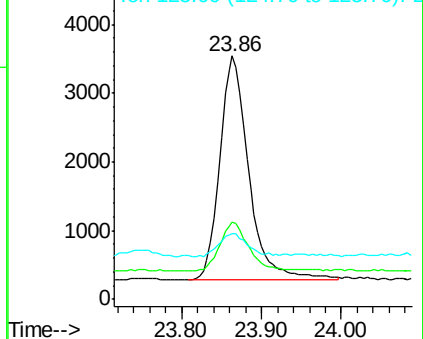
125 27.2 18.1 27.1#



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: 0.33 ng/ul

RT: 26.70 min Scan# 4364

Delta R.T. -0.00 min

Lab File: BE094761.D

Acq: 6 Nov 2017 19:50

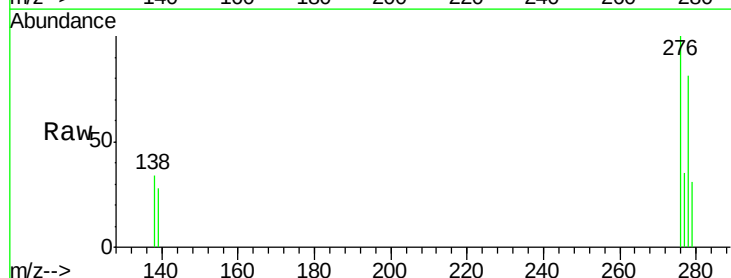
Tgt Ion:276 Resp: 7486

Ion Ratio Lower Upper

276 100

138 23.7 28.0 42.0#

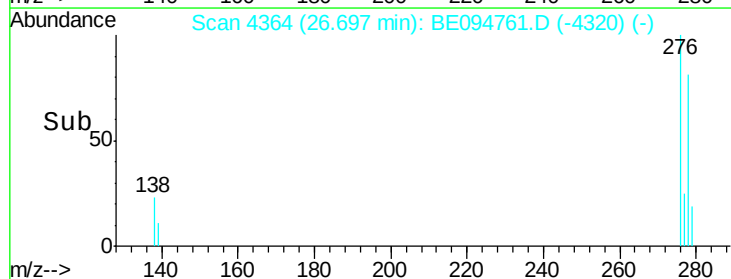
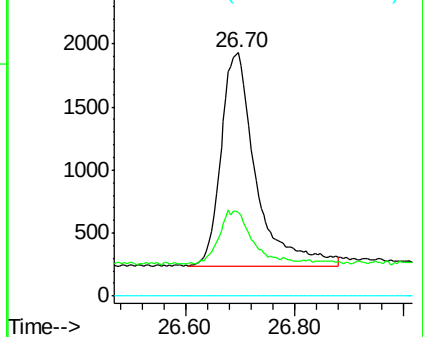
227 0.0 8.0 12.0#

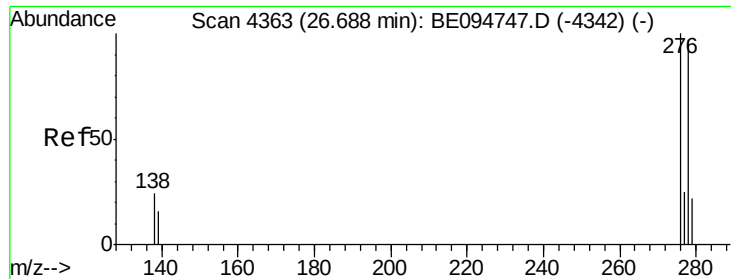


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

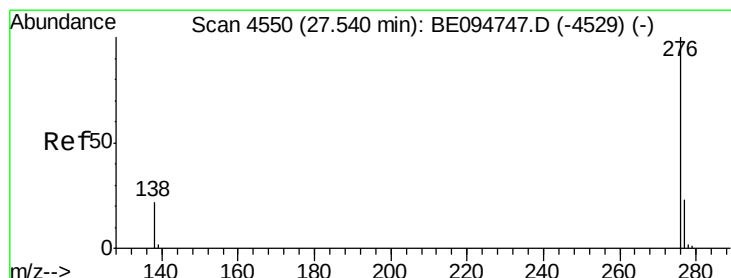
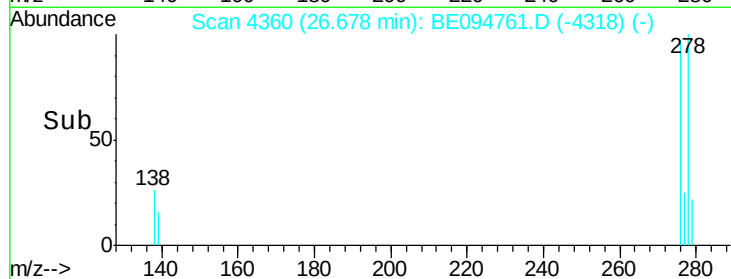
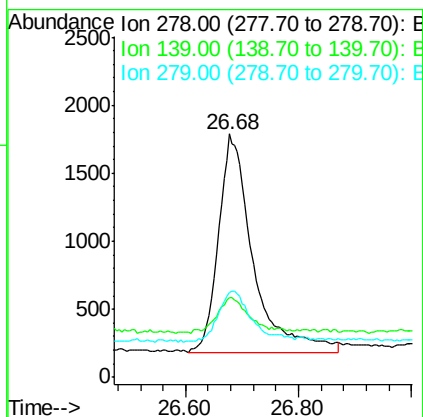
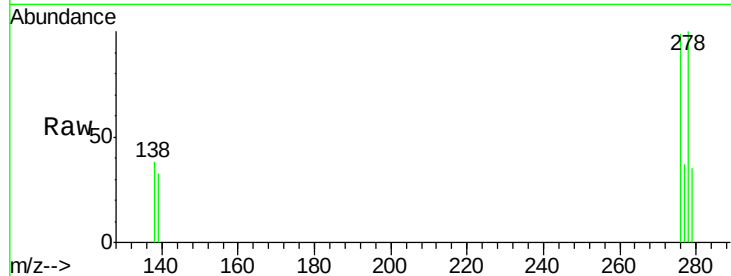




#25
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 26.68 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BE094761.D
Acq: 6 Nov 2017 19:50

Instrument :
BNA_E
ClientSampleId :
SSTD0.478

Tot Ion:278 Resp: 6716
Ion Ratio Lower Upper
278 100
139 32.6 17.4 26.0#
279 34.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.31 ng/ul
RT: 27.54 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BE094761.D
Acq: 6 Nov 2017 19:50

Tgt Ion:276 Resp: 5624
Ion Ratio Lower Upper
276 100
138 35.4 21.8 32.8#
277 38.2 20.5 30.7#

