

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010715\
 Data File : BM000134.D
 Acq On : 07 Jan 2015 18:49
 Operator : TP/IZ
 Sample : SST0.420
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.420

Quant Time: Jan 08 03:49:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 02:20:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9855	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5925	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10692	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	9452	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8559	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	5097	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	9443	0.41	ng/ul	0.00

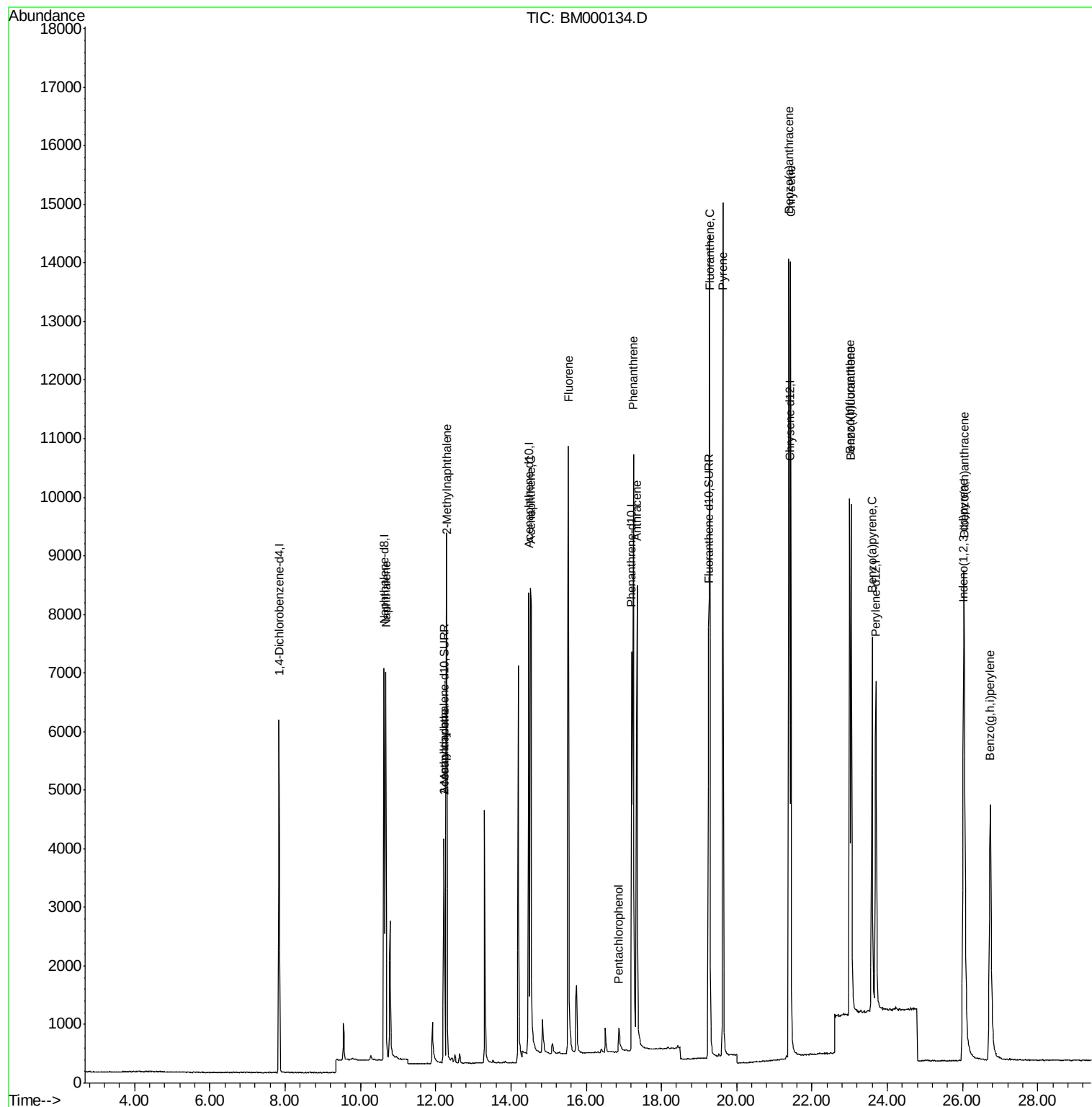
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	10289	0.39	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	6860	0.39	ng/ul	99
7) Acenaphthylene	12.22	152	5097	0.39	ng/ul	99
8) Acenaphthene	14.52	153	7059	0.38	ng/ul#	80
9) Fluorene	15.52	166	8261	0.39	ng/ul	97
11) Pentachlorophenol	16.87	266	544	0.33	ng/ul	90
12) Phenanthrene	17.26	178	13017	0.39	ng/ul	98
13) Anthracene	17.35	178	12308	0.40	ng/ul	98
15) Fluoranthene	19.27	202	14487	0.40	ng/ul	97
17) Pyrene	19.63	202	14828	0.38	ng/ul	98
18) Benzo(a)anthracene	21.39	228	11649	0.37	ng/ul	98
19) Chrysene	21.44	228	13321	0.40	ng/ul	98
21) Benzo(b)fluoranthene	23.00	252	12773	0.38	ng/ul	99
22) Benzo(k)fluoranthene	23.04	252	12640	0.40	ng/ul	96
23) Benzo(a)pyrene	23.60	252	11504	0.38	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.02	276	13461	0.38	ng/ul	99
25) Dibenzo(a,h)anthracene	26.04	278	10788	0.39	ng/ul	98
26) Benzo(g,h,i)perylene	26.73	276	11884	0.38	ng/ul	98

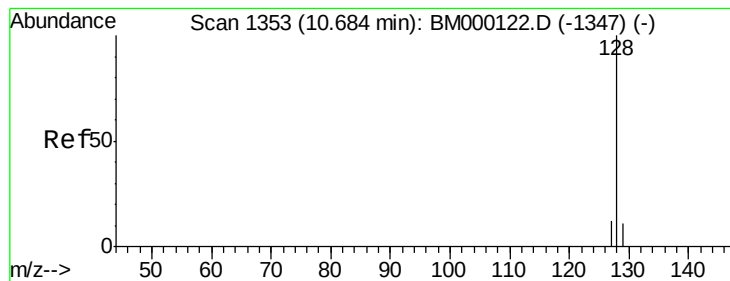
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.68 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

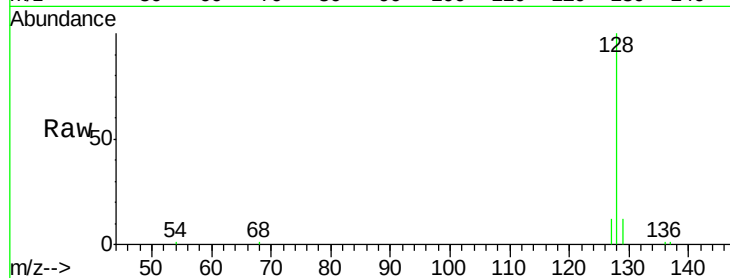
Tgt Ion:128 Resp: 10289

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

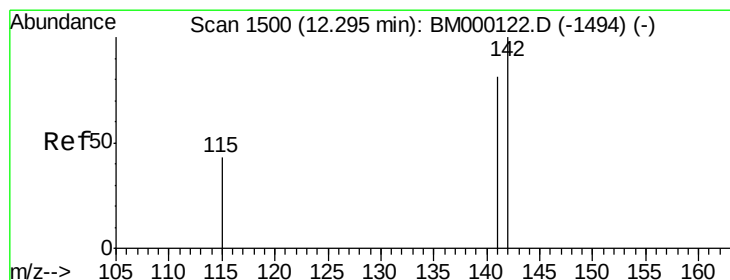
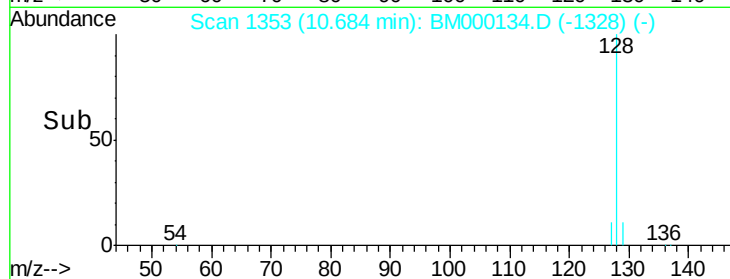
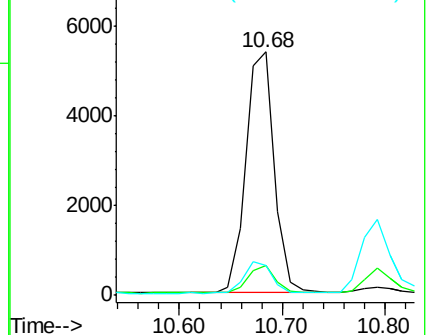
127 12.2 10.4 15.6



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: 12.29 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BM000134.D

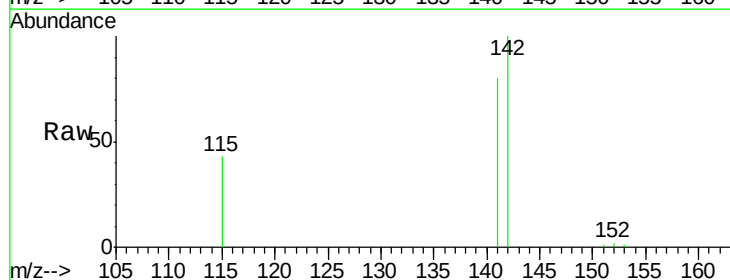
Acq: 07 Jan 2015 18:49

Tgt Ion:142 Resp: 6860

Ion Ratio Lower Upper

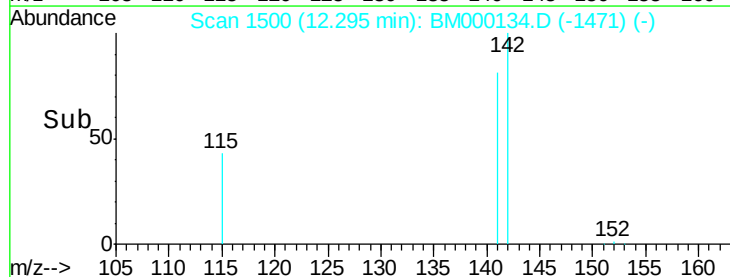
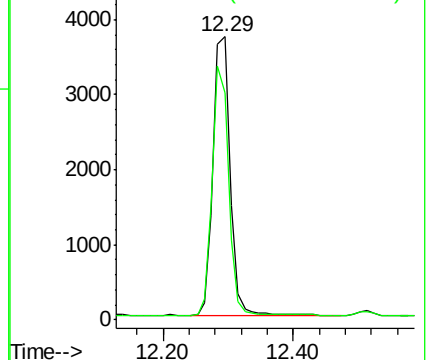
142 100

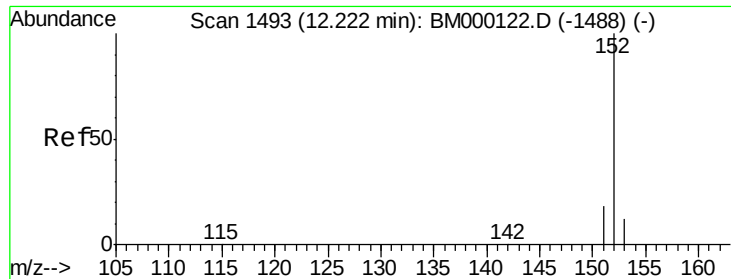
141 85.6 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 12.22 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

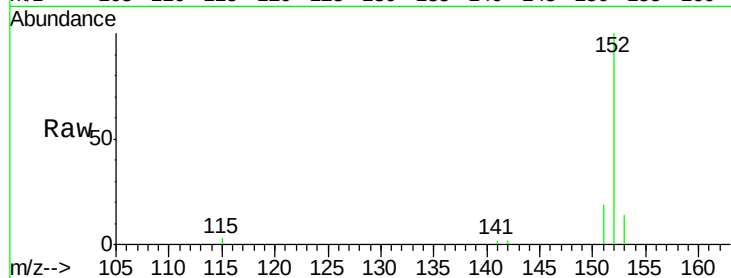
Tgt Ion:152 Resp: 5097

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.2

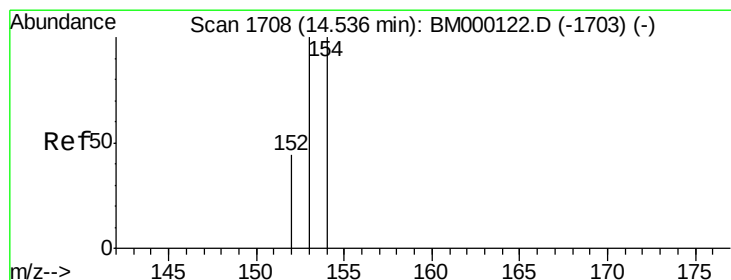
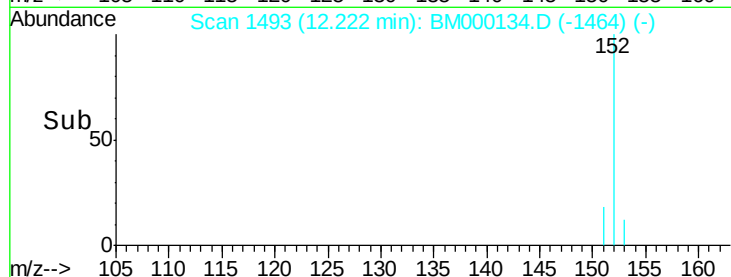
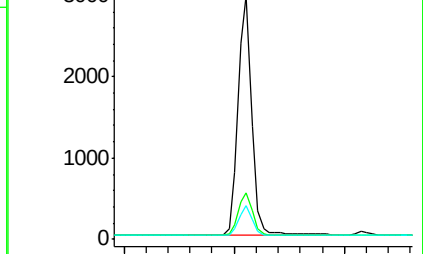
153 13.6 11.0 16.4



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: 0.38 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

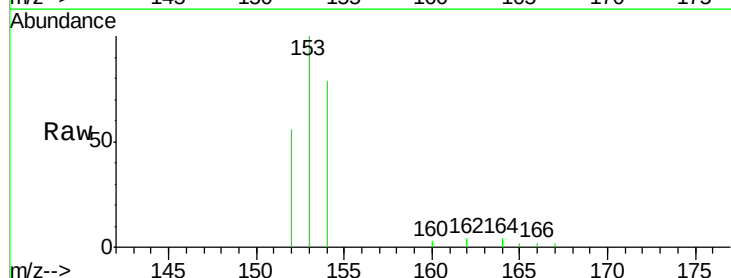
Tgt Ion:153 Resp: 7059

Ion Ratio Lower Upper

153 100

152 56.3 35.8 53.6#

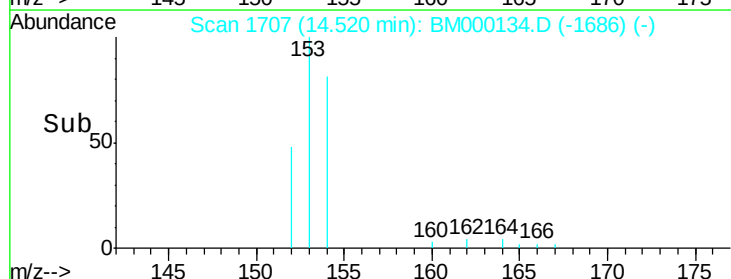
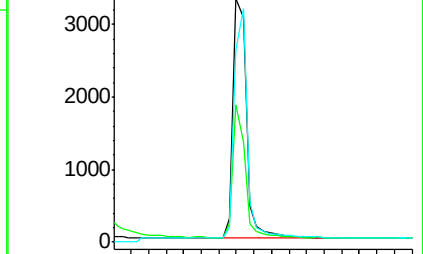
154 78.9 79.9 119.9#

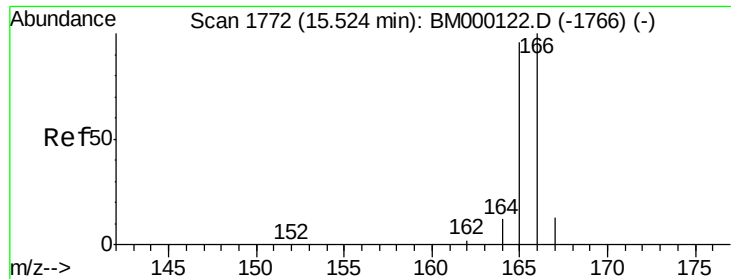


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

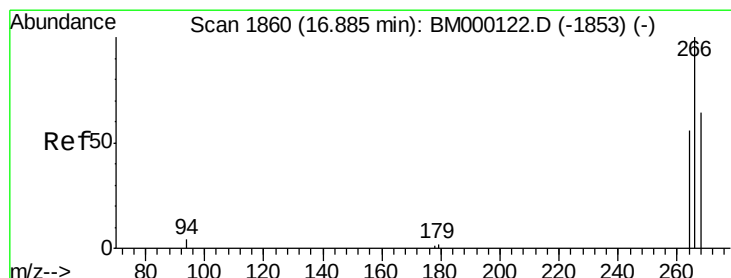
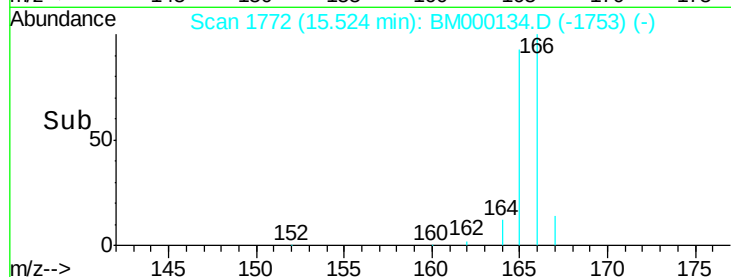
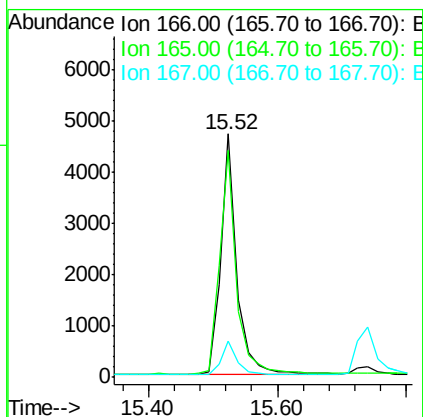
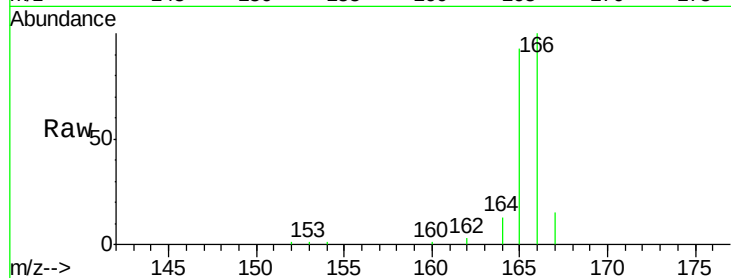




#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BM000134.D
 Acq: 07 Jan 2015 18:49

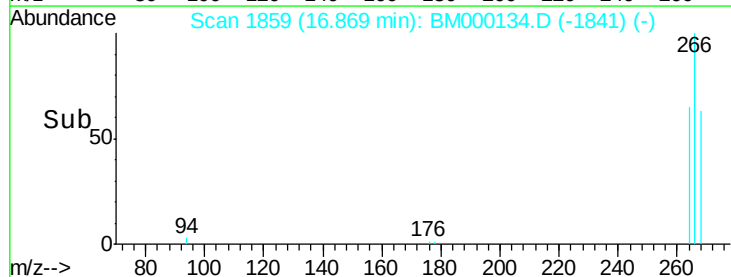
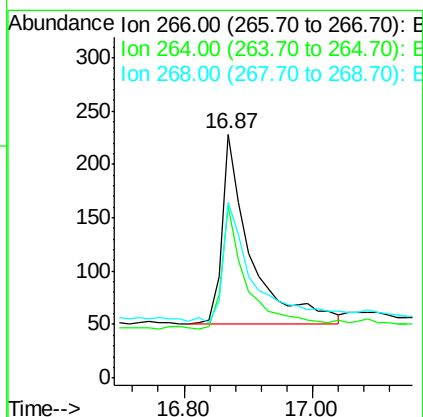
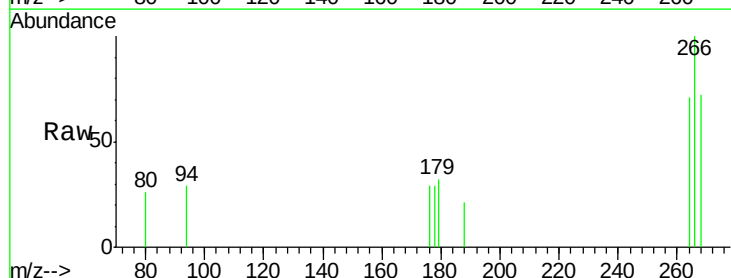
Instrument :
 BNA_M
 ClientSampleId :
 SST00.420

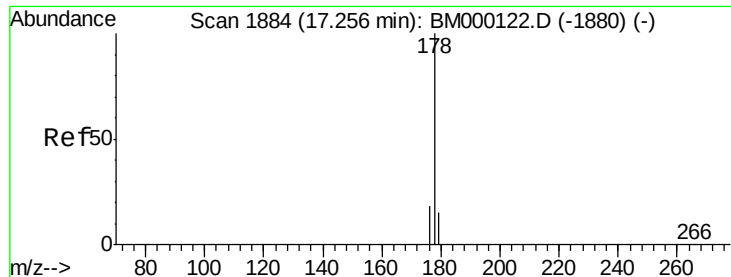
Tgt Ion:166 Resp: 8261
 Ion Ratio Lower Upper
 166 100
 165 93.3 77.0 115.4
 167 14.8 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.33 ng/ul
 RT: 16.87 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BM000134.D
 Acq: 07 Jan 2015 18:49

Tgt Ion:266 Resp: 544
 Ion Ratio Lower Upper
 266 100
 264 59.4 53.9 80.9
 268 69.3 49.2 73.8





#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

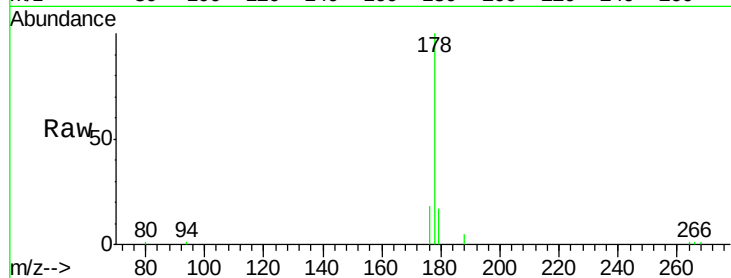
Tgt Ion:178 Resp: 13017

Ion Ratio Lower Upper

178 100

176 17.8 15.1 22.7

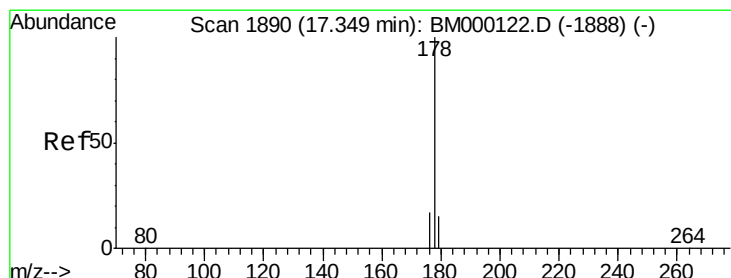
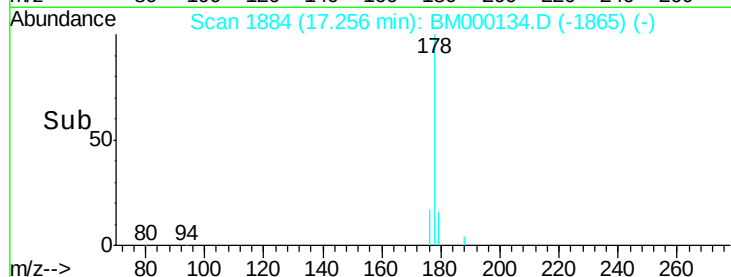
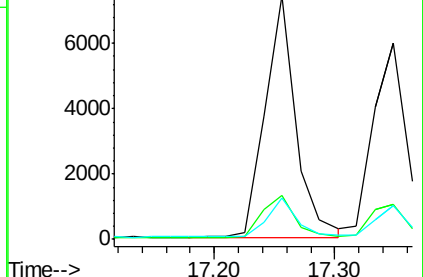
179 16.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.40 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

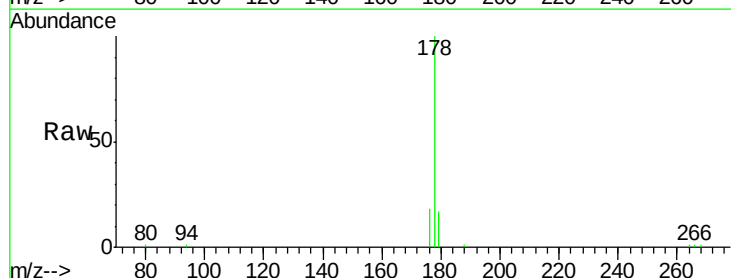
Tgt Ion:178 Resp: 12308

Ion Ratio Lower Upper

178 100

176 17.6 14.6 21.8

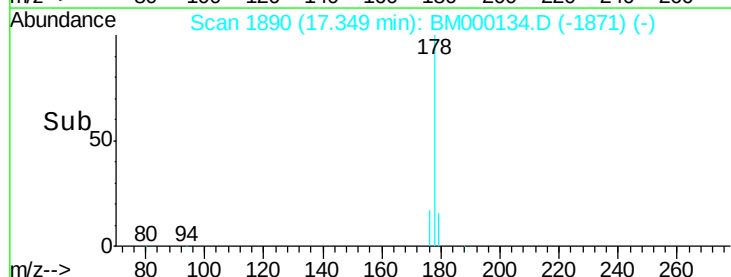
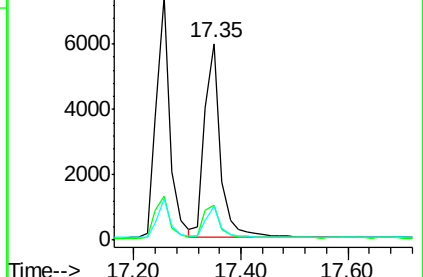
179 17.3 13.1 19.7

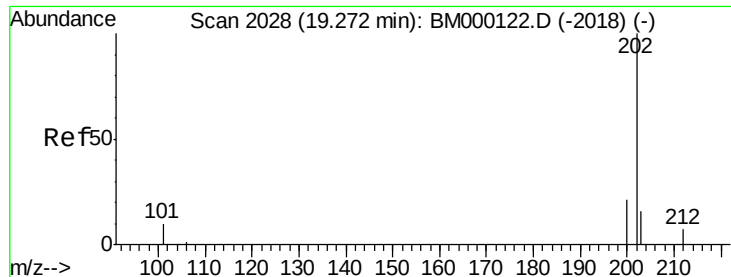


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.27 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

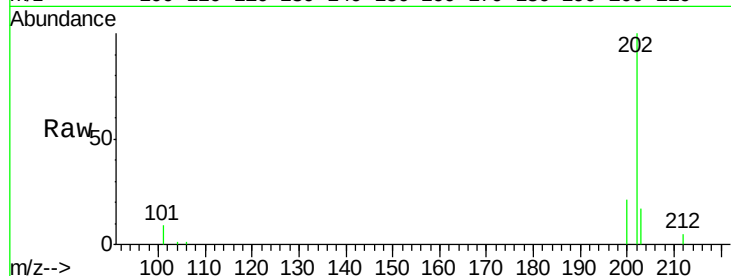
Tgt Ion:202 Resp: 14487

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.5

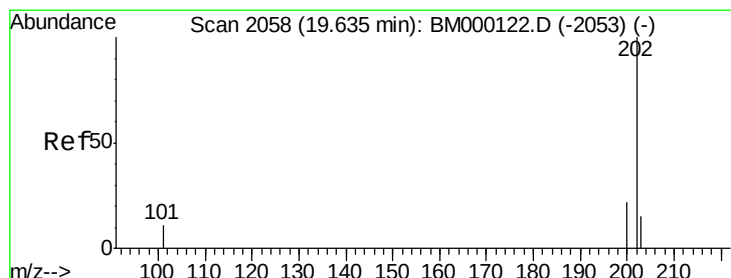
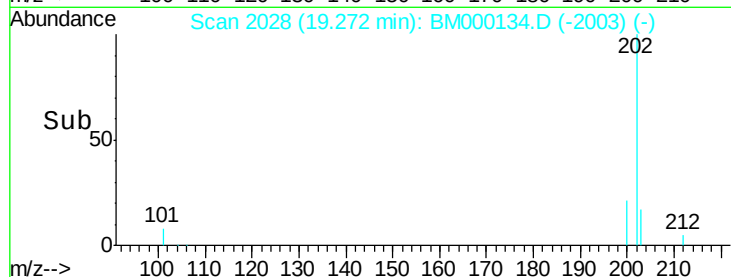
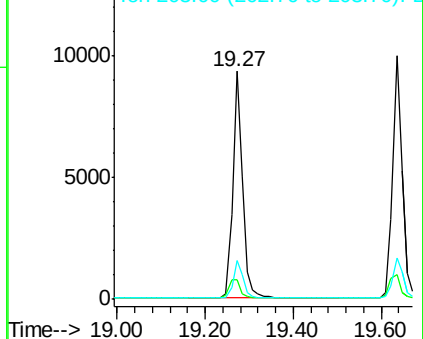
203 17.1 0.0 36.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.38 ng/ul

RT: 19.63 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

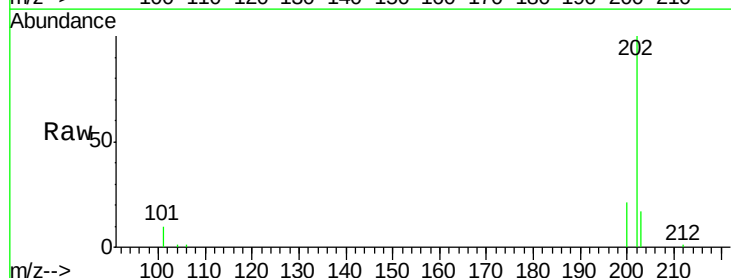
Tgt Ion:202 Resp: 14828

Ion Ratio Lower Upper

202 100

200 21.4 17.9 26.9

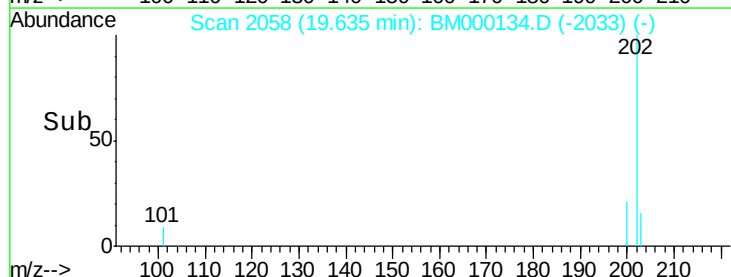
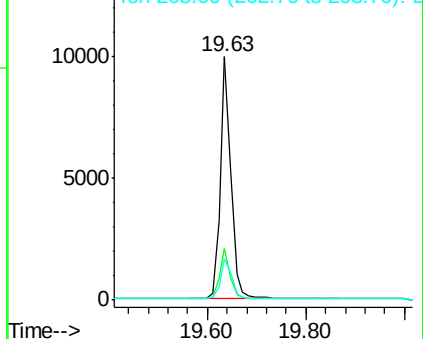
203 16.8 12.8 19.2

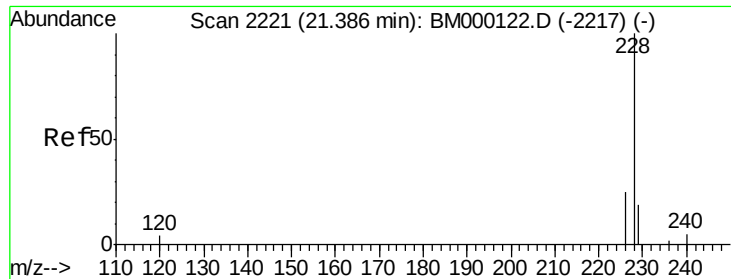


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.37 ng/ul

RT: 21.39 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

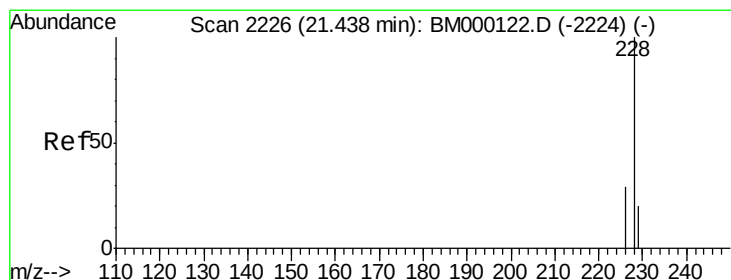
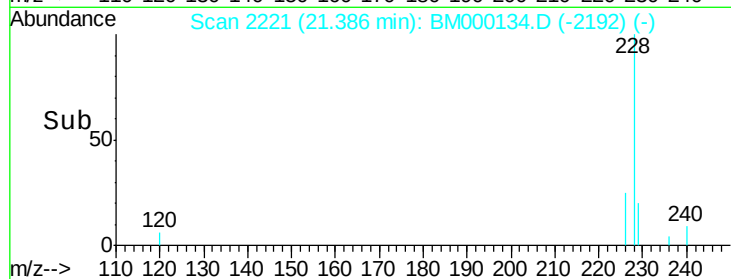
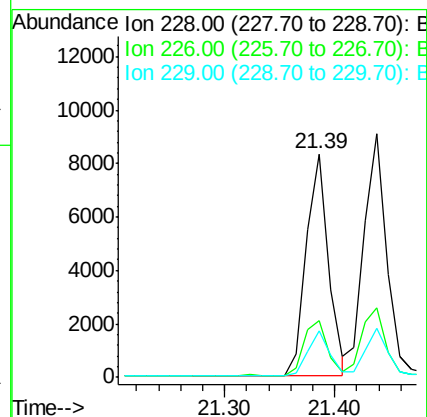
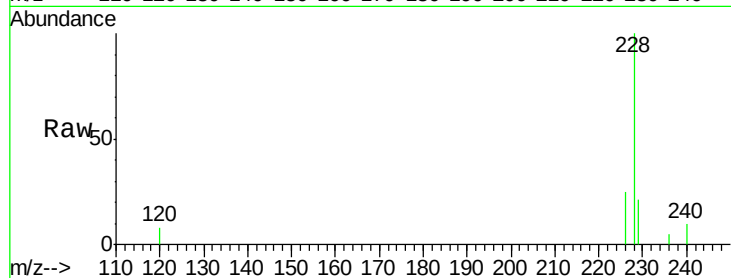
Tgt Ion:228 Resp: 11649

Ion Ratio Lower Upper

228 100

226 25.4 20.8 31.2

229 20.6 15.5 23.3



#19

Chrysene

Concen: 0.40 ng/ul

RT: 21.44 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

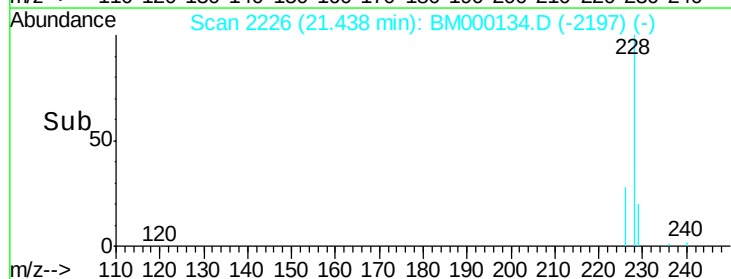
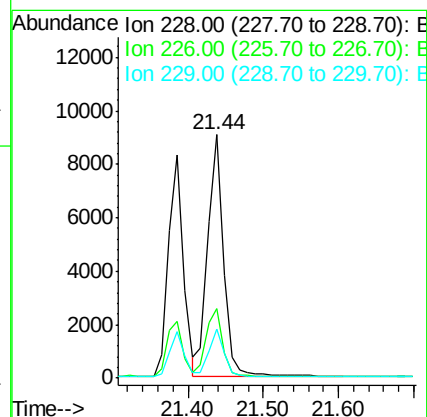
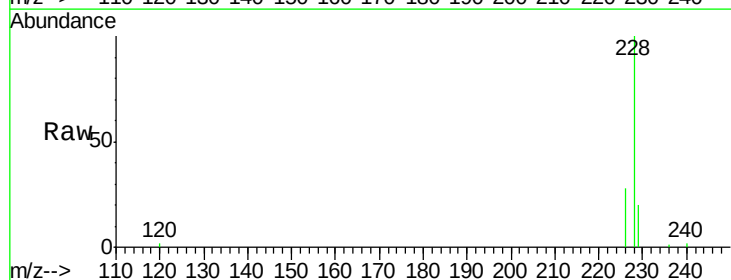
Tgt Ion:228 Resp: 13321

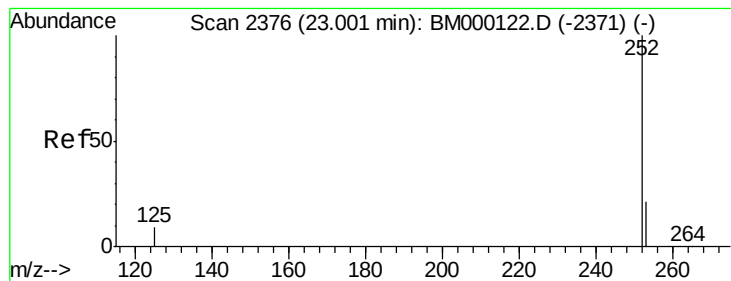
Ion Ratio Lower Upper

228 100

226 28.3 23.8 35.6

229 20.3 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.38 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

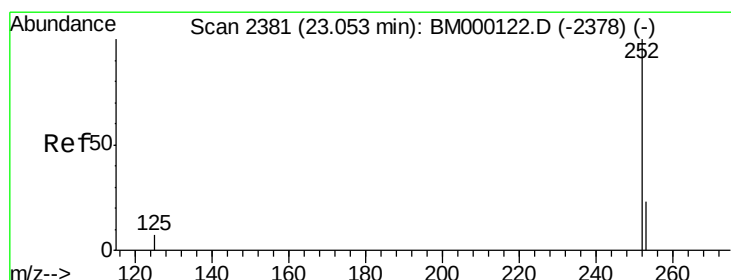
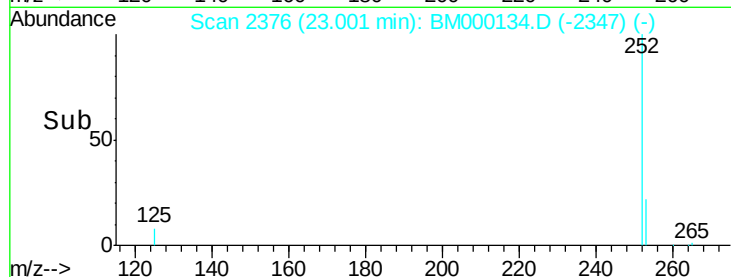
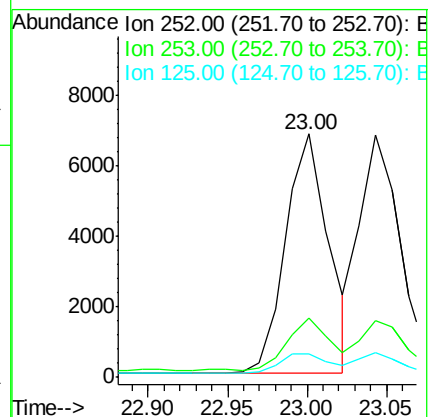
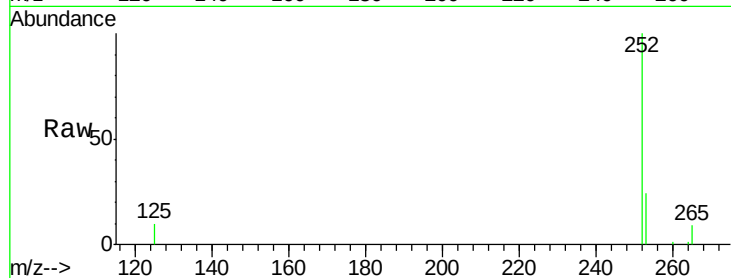
Tgt Ion:252 Resp: 12773

Ion Ratio Lower Upper

252 100

253 24.3 0.0 48.2

125 9.7 0.0 21.6



#22

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 23.04 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

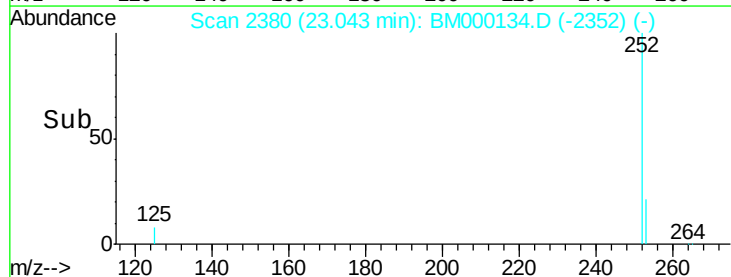
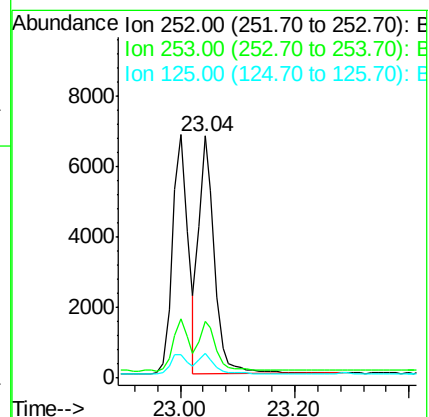
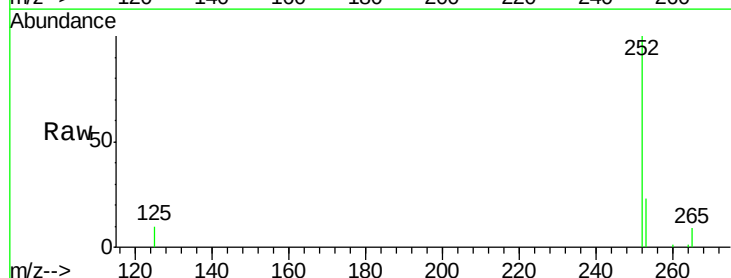
Tgt Ion:252 Resp: 12640

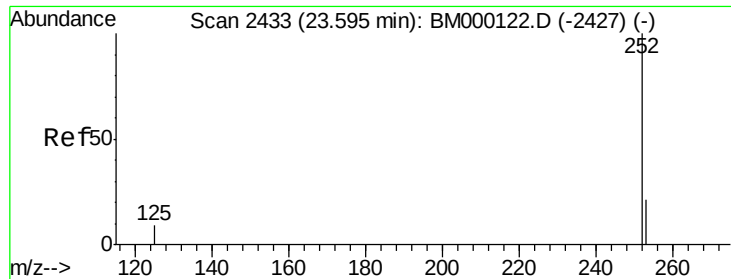
Ion Ratio Lower Upper

252 100

253 23.2 20.5 30.7

125 10.1 7.8 11.8





#23

Benzo(a)pyrene

Concen: 0.38 ng/ul

RT: 23.60 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.420

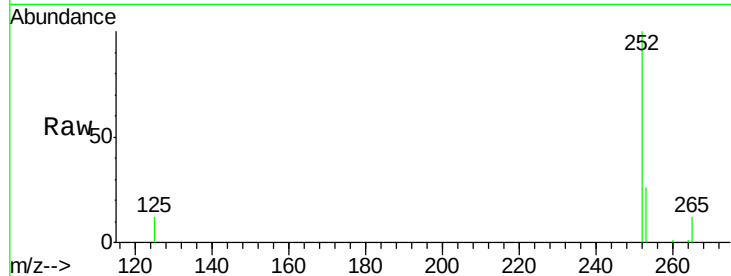
Tgt Ion:252 Resp: 11504

Ion Ratio Lower Upper

252 100

253 25.9 19.8 29.6

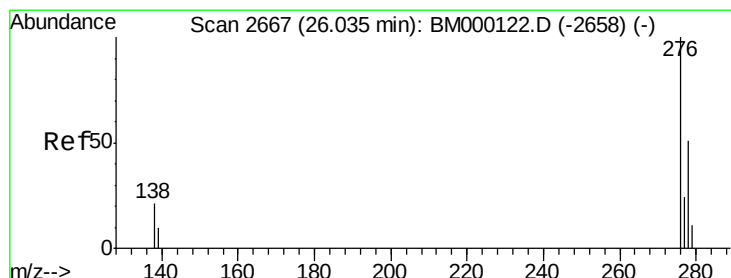
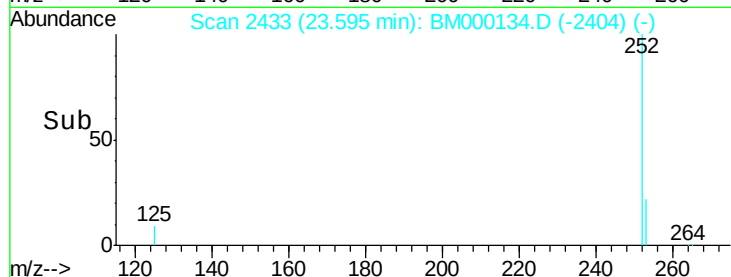
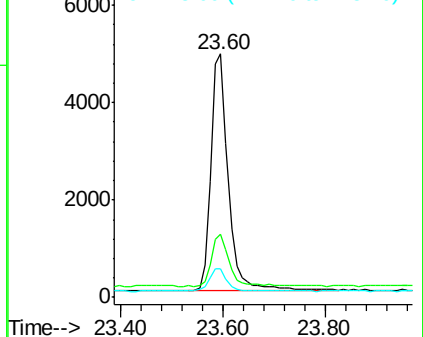
125 11.7 9.2 13.8



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: 0.38 ng/ul

RT: 26.02 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BM000134.D

Acq: 07 Jan 2015 18:49

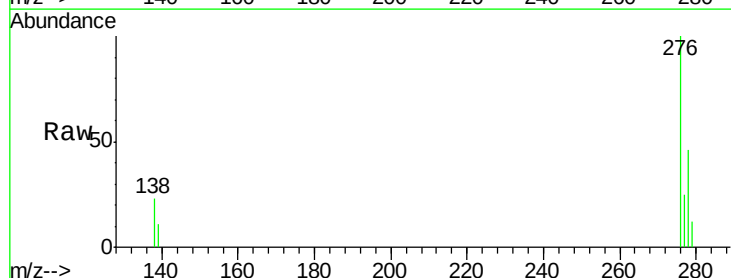
Tgt Ion:276 Resp: 13461

Ion Ratio Lower Upper

276 100

138 22.5 17.6 26.4

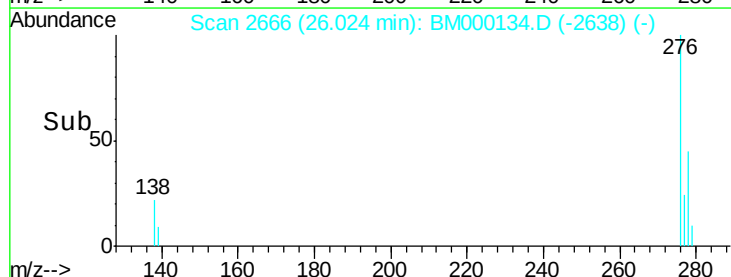
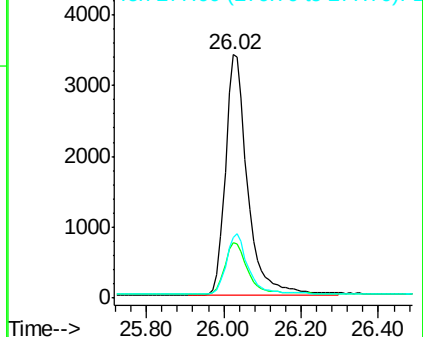
277 25.1 19.9 29.9

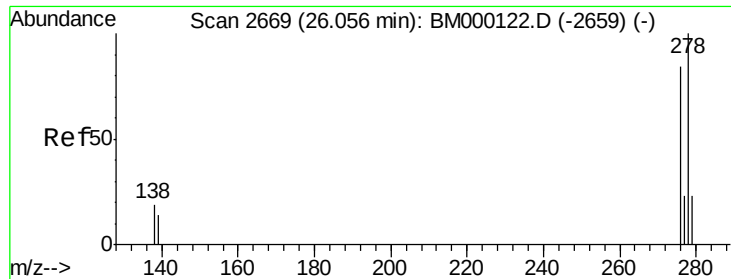


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



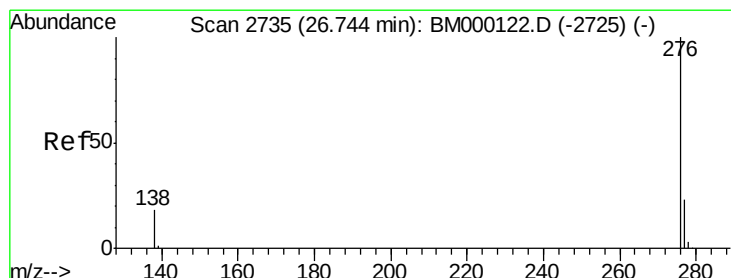
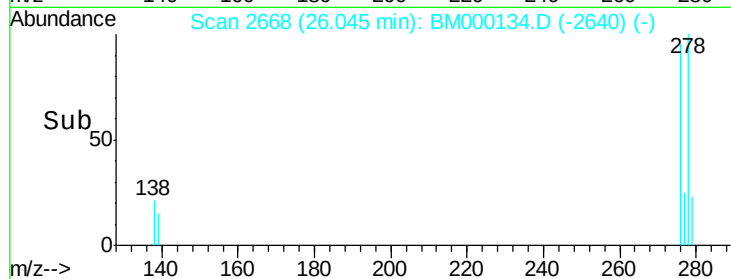
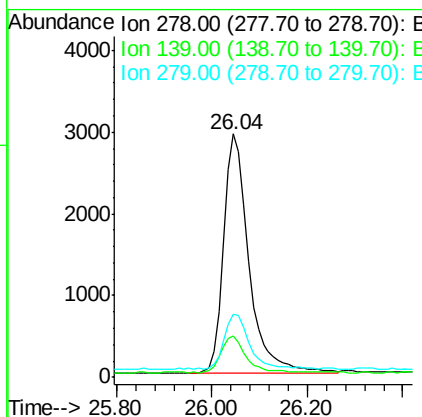
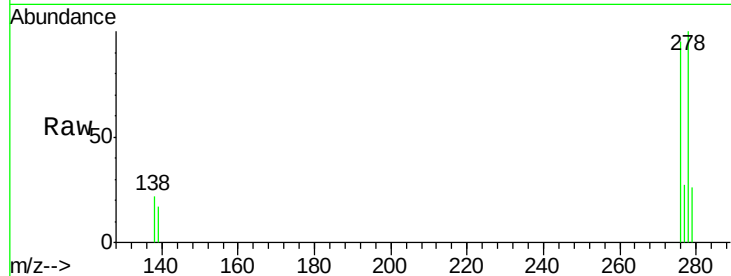


#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 26.04 min Scan# 2668
Delta R.T. -0.01 min
Lab File: BM000134.D
Acq: 07 Jan 2015 18:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.420

Tgt Ion: 278 Resp: 10788

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.6	18.8
279	25.9	20.6	30.8



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.73 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BM000134.D
Acq: 07 Jan 2015 18:49

Tgt Ion: 276 Resp: 11884

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.0	30.0
138	21.2	15.7	23.5

