

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010715\
 Data File : BM000126.D
 Acq On : 07 Jan 2015 13:30
 Operator : TP/IZ
 Sample : BLK-W-MDL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLK-W-MDL

Quant Time: Jan 08 03:21:22 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	3089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	10012	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	11000	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	9554	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8548	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4813	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	9170	0.39	ng/ul	0.00

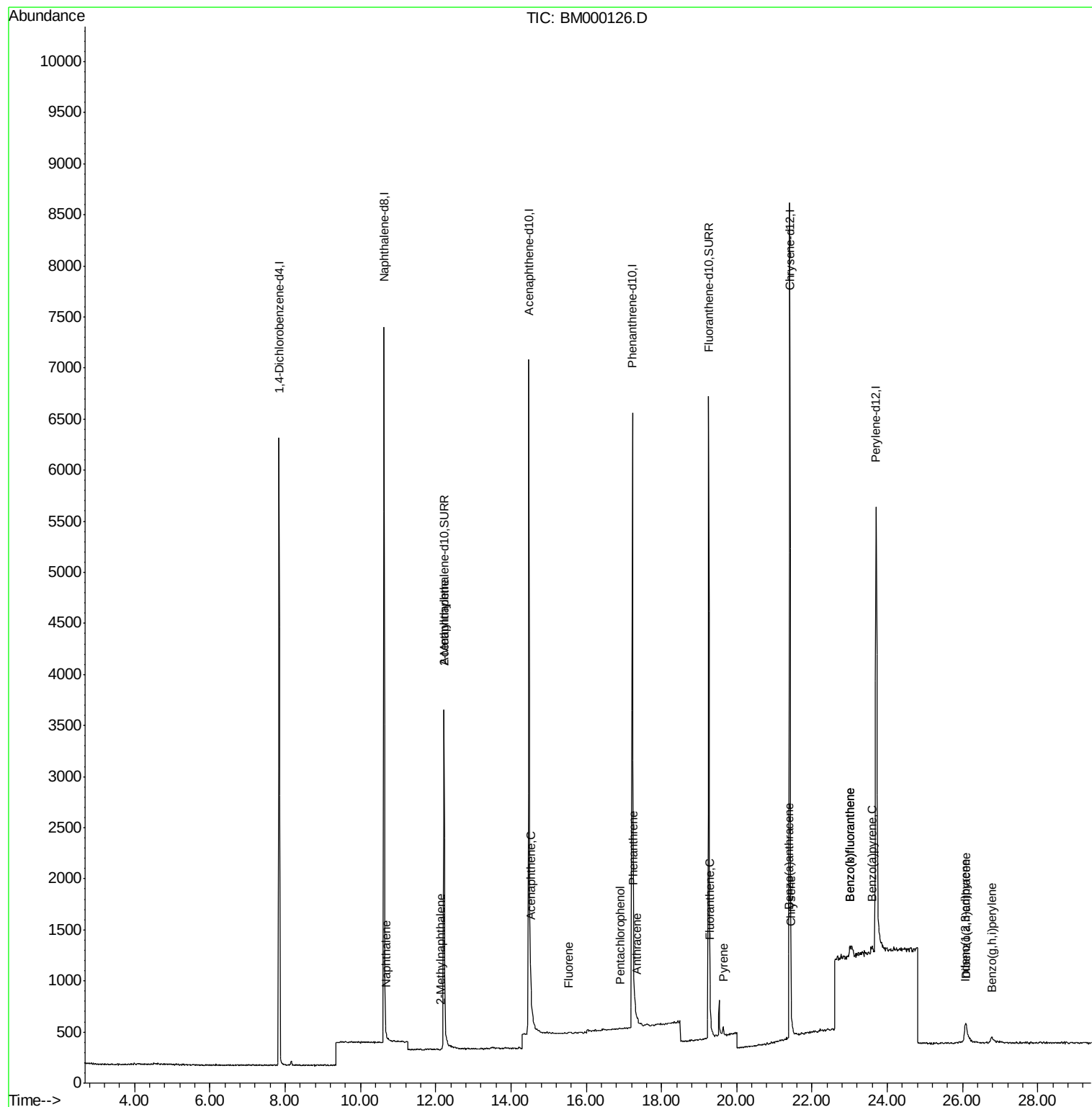
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	46	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.13	142	8	0.00	ng/ul	98
7) Acenaphthylene	12.22	152	4813	0.37	ng/ul	99
8) Acenaphthene	14.52	153	13	0.00	ng/ul#	72
9) Fluorene	15.54	166	17	0.00	ng/ul#	49
11) Pentachlorophenol	16.90	266	11	0.01	ng/ul#	53
12) Phenanthrene	17.26	178	51	0.00	ng/ul#	1
13) Anthracene	17.35	178	54	0.00	ng/ul#	1
15) Fluoranthene	19.28	202	135	0.00	ng/ul#	1
17) Pyrene	19.65	202	118	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.39	228	173	0.01	ng/ul#	38
19) Chrysene	21.44	228	164	0.00	ng/ul#	31
21) Benzo(b)fluoranthene	23.01	252	176	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	23.01	252	176	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	187	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.07	276	378	0.01	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.09	278	440	0.02	ng/ul#	1
26) Benzo(g,h,i)perylene	26.77	276	210	0.01	ng/ul#	1

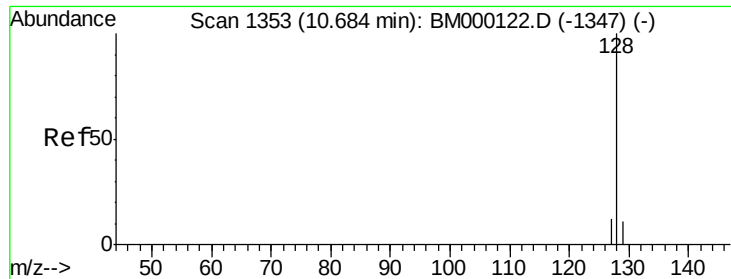
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 02:20:43 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.68 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

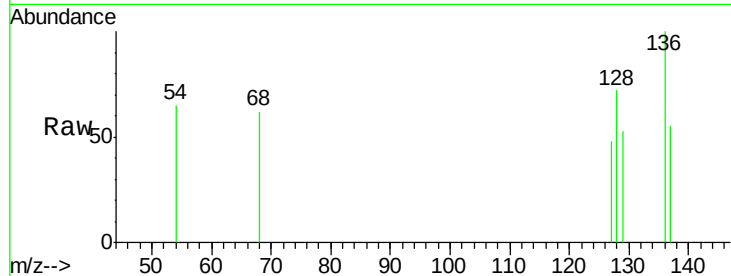
Tgt Ion:128 Resp: 46

Ion Ratio Lower Upper

128 100

129 73.4 9.5 14.3#

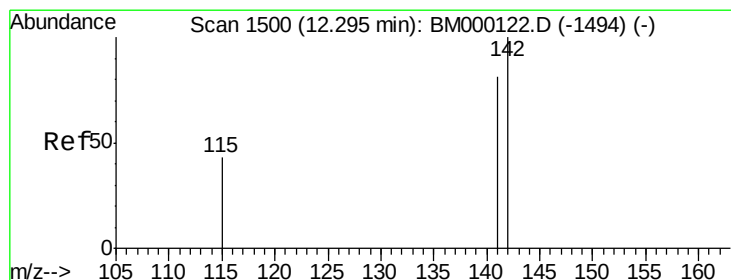
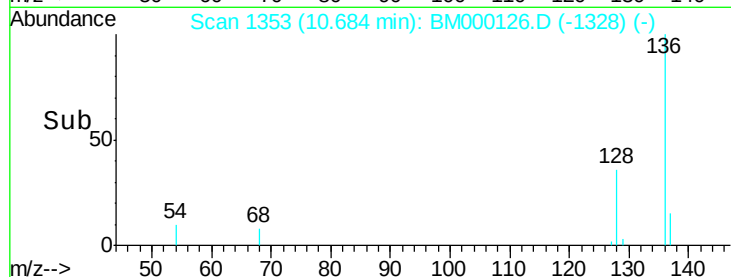
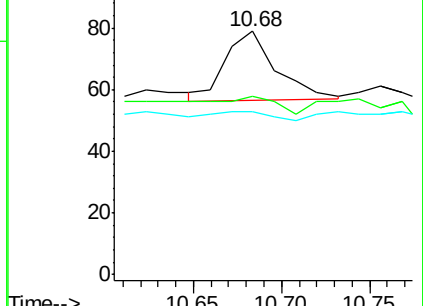
127 67.1 10.4 15.6#



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: 0.00 ng/ul

RT: 12.13 min Scan# 1484

Delta R.T. -0.17 min

Lab File: BM000126.D

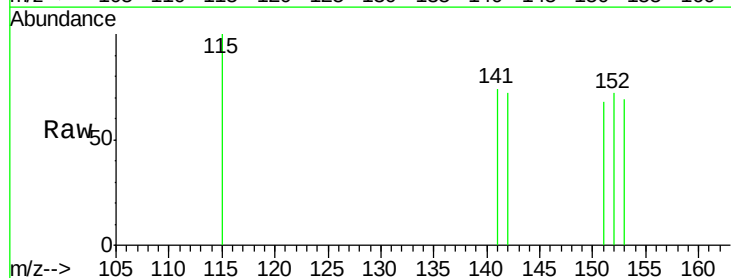
Acq: 07 Jan 2015 13:30

Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

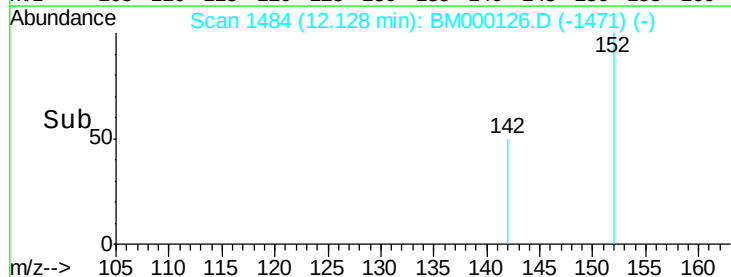
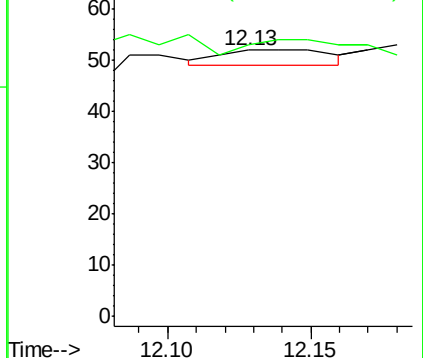
142 100

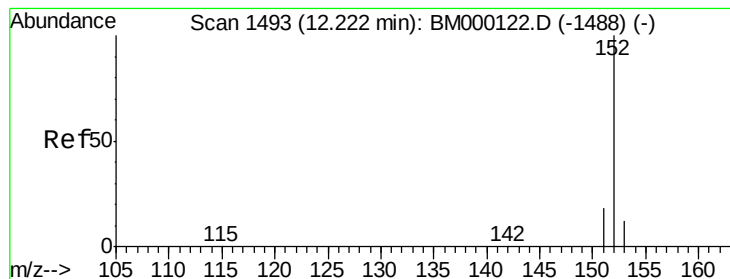
141 87.5 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 12.22 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

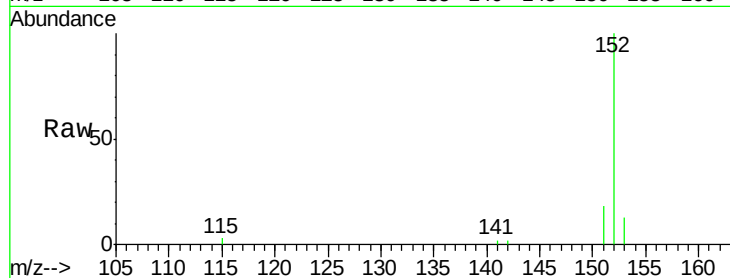
Tgt Ion:152 Resp: 4813

Ion Ratio Lower Upper

152 100

151 18.4 15.4 23.2

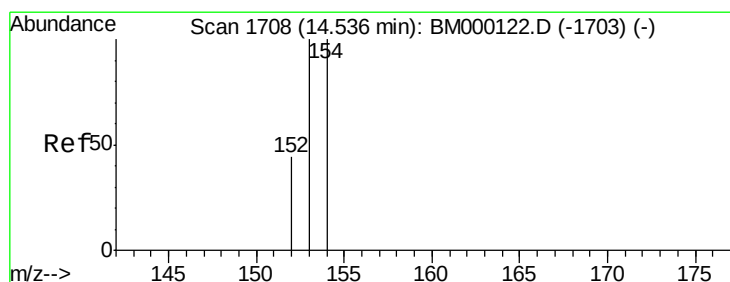
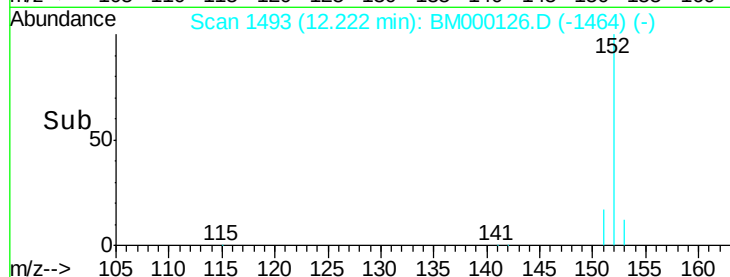
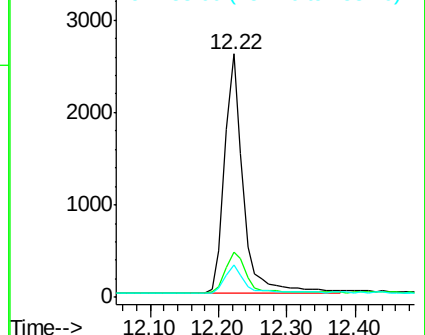
153 13.4 11.0 16.4



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: 0.00 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

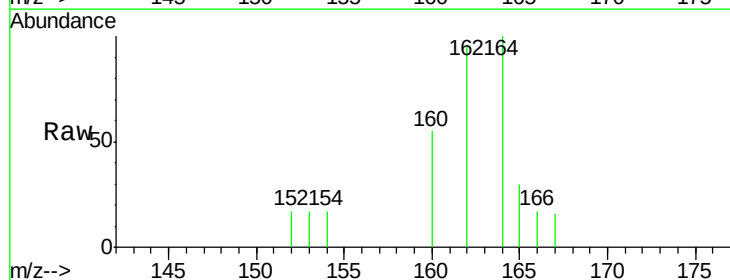
Tgt Ion:153 Resp: 13

Ion Ratio Lower Upper

153 100

152 100.0 35.8 53.6#

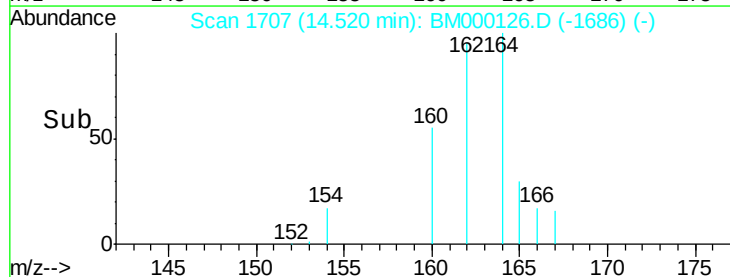
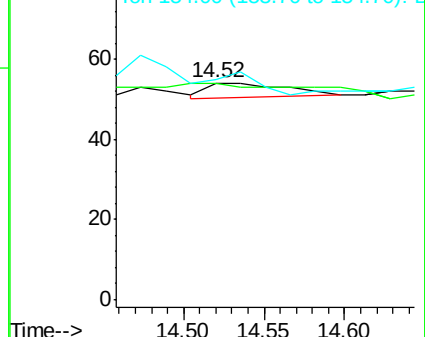
154 101.9 79.9 119.9

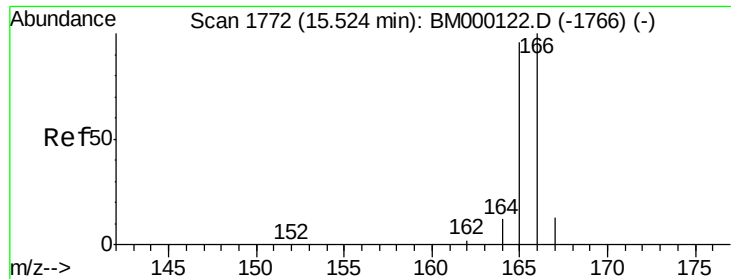


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

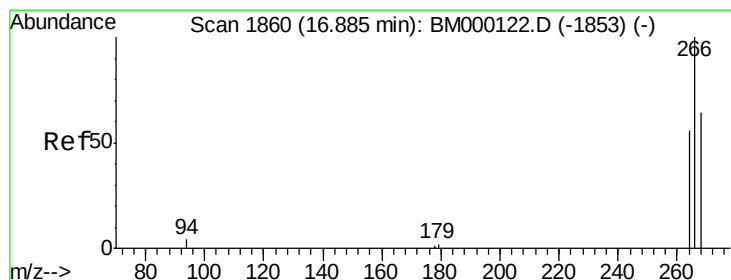
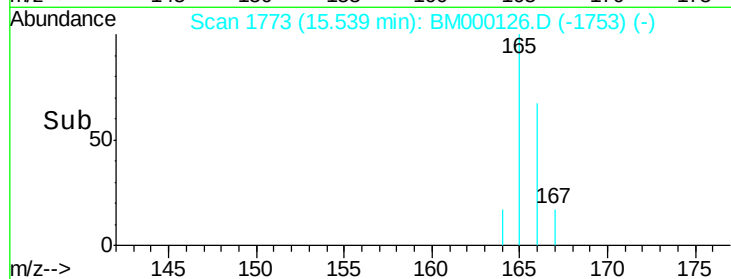
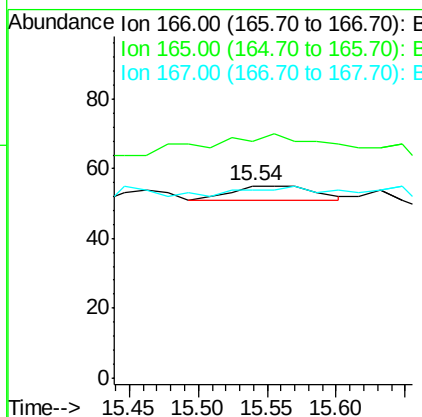
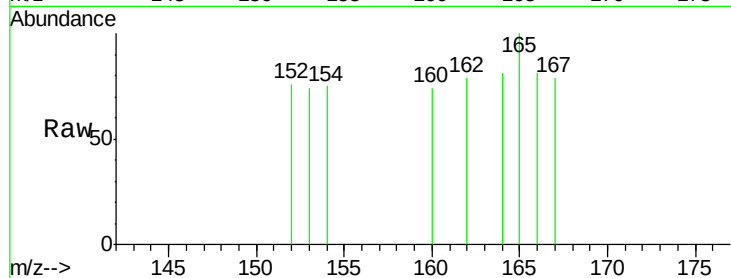




#9
 Fluorene
 Concen: 0.00 ng/ul
 RT: 15.54 min Scan# 1773
 Delta R.T. 0.02 min
 Lab File: BM000126.D
 Acq: 07 Jan 2015 13:30

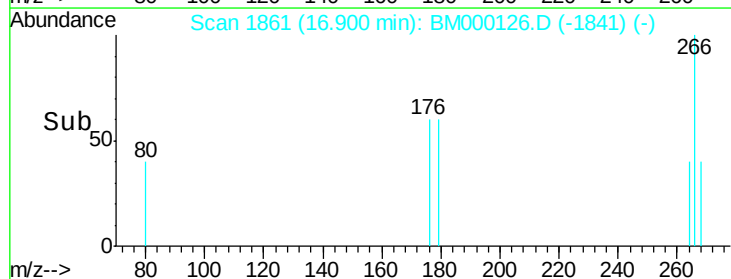
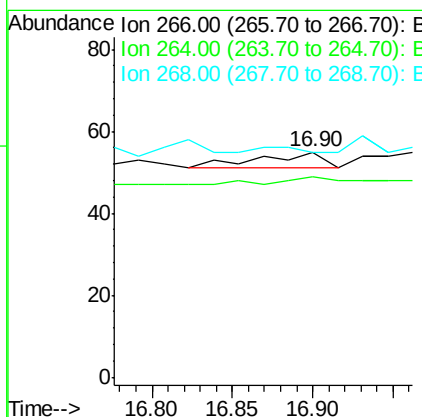
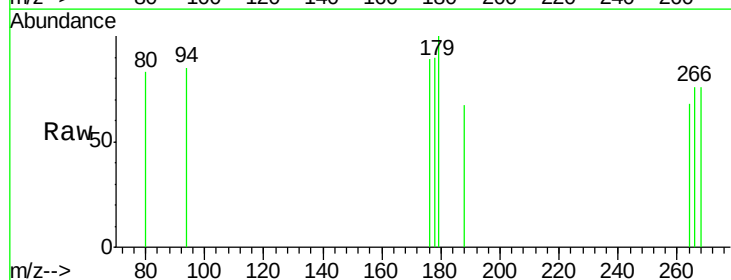
Instrument :
 BNA_M
 ClientSampleId :
 BLK-W-MDL

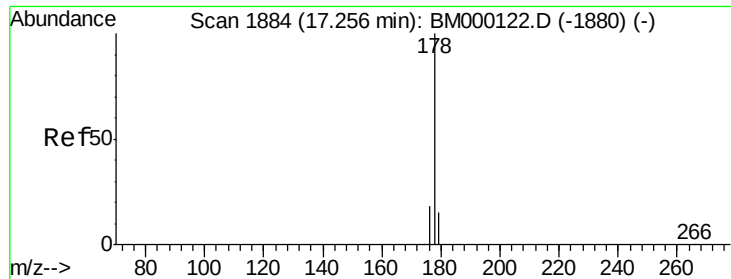
Tgt Ion:166 Resp: 17
 Ion Ratio Lower Upper
 166 100
 165 123.6 77.0 115.4#
 167 98.2 11.0 16.6#



#11
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.90 min Scan# 1861
 Delta R.T. 0.02 min
 Lab File: BM000126.D
 Acq: 07 Jan 2015 13:30

Tgt Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 54.5 53.9 80.9
 268 0.0 49.2 73.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

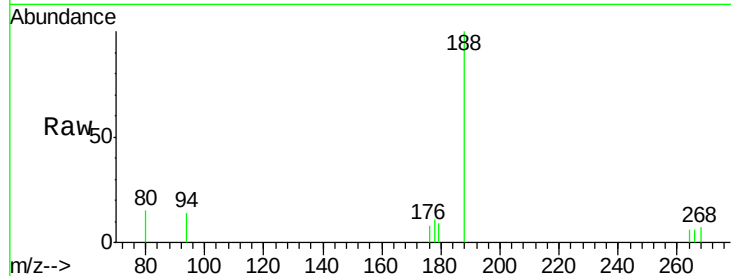
Tgt Ion:178 Resp: 51

Ion Ratio Lower Upper

178 100

176 77.4 15.1 22.7#

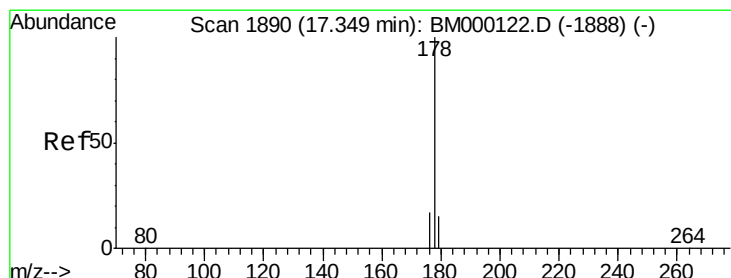
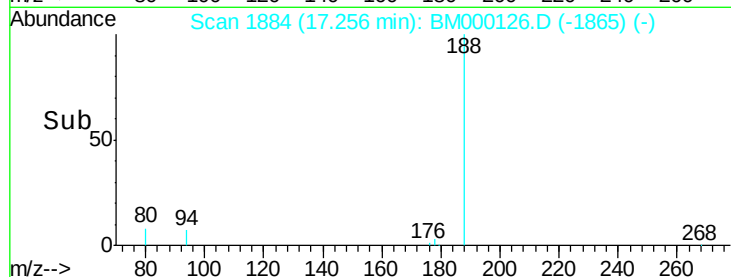
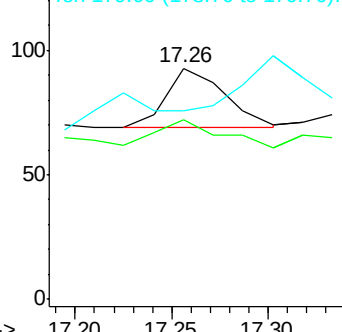
179 81.7 13.0 19.4#



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: 0.00 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

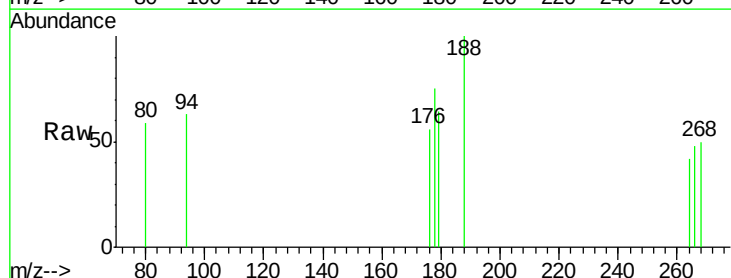
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 74.1 14.6 21.8#

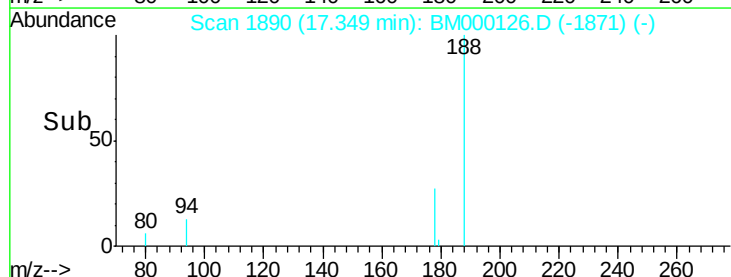
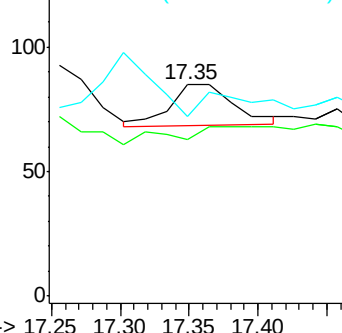
179 84.7 13.1 19.7#

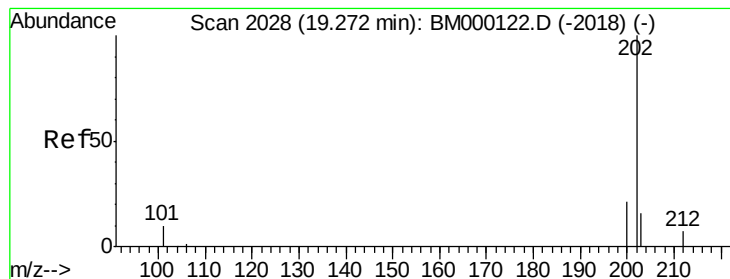


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.28 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

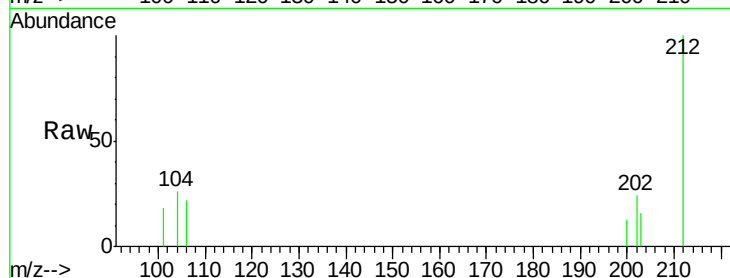
Tgt Ion:202 Resp: 135

Ion Ratio Lower Upper

202 100

101 73.6 0.0 30.5#

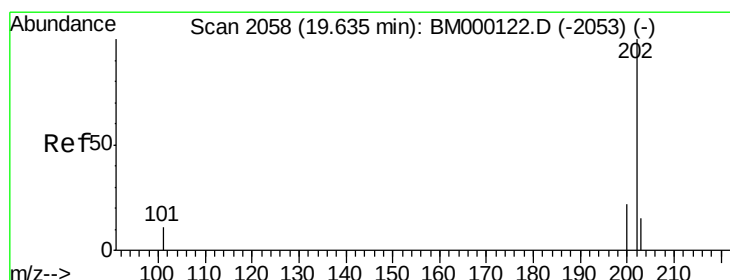
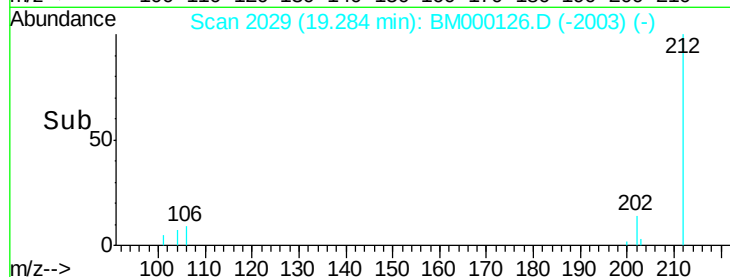
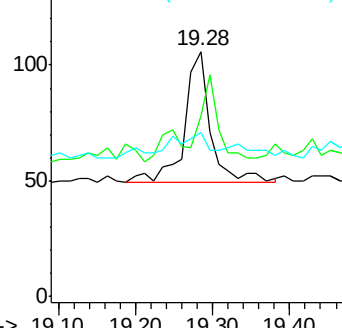
203 67.0 0.0 36.6#



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: 0.00 ng/ul

RT: 19.65 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

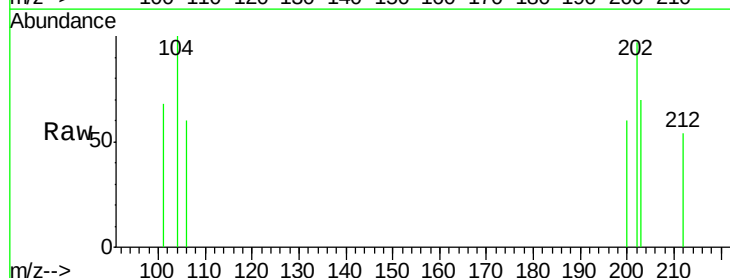
Tgt Ion:202 Resp: 118

Ion Ratio Lower Upper

202 100

200 61.9 17.9 26.9#

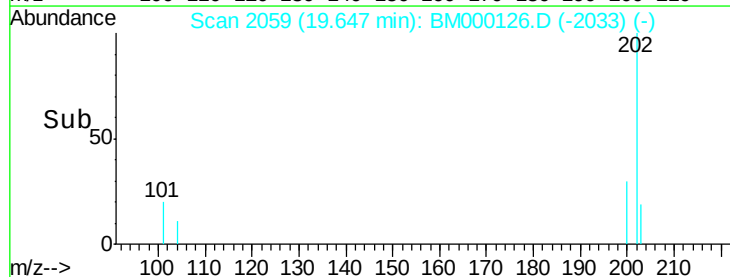
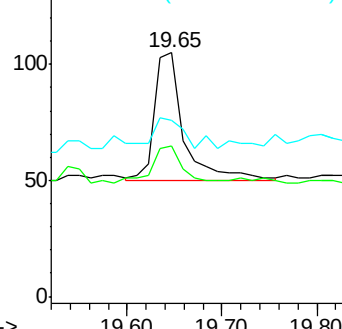
203 72.4 12.8 19.2#

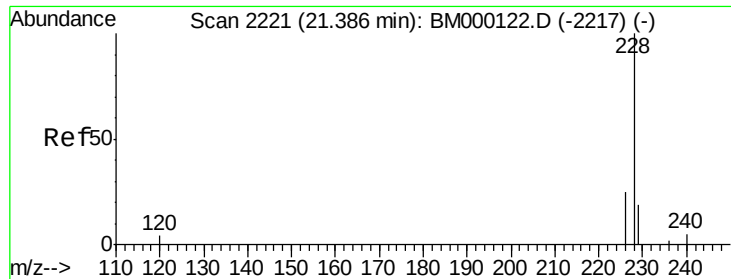


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.39 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

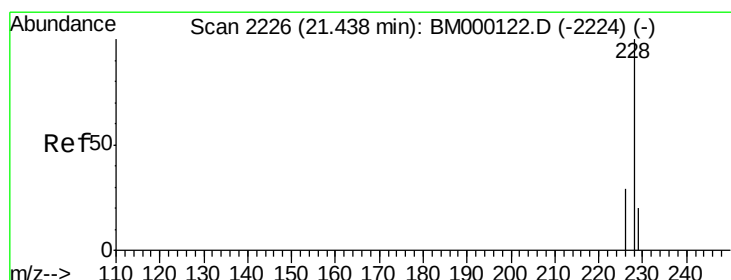
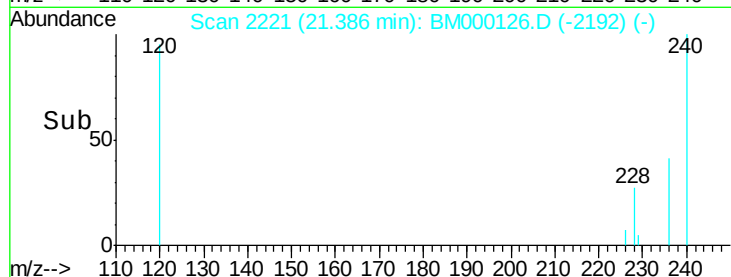
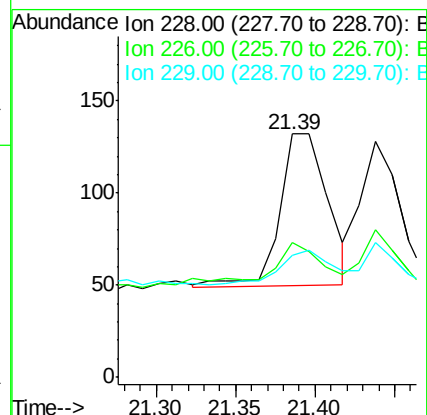
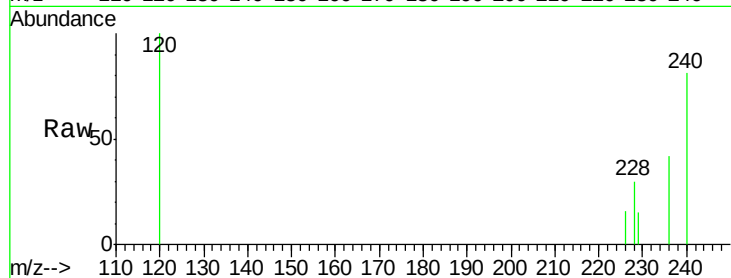
Tgt Ion:228 Resp: 173

Ion Ratio Lower Upper

228 100

226 55.3 20.8 31.2#

229 50.0 15.5 23.3#



#19

Chrysene

Concen: 0.00 ng/ul

RT: 21.44 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

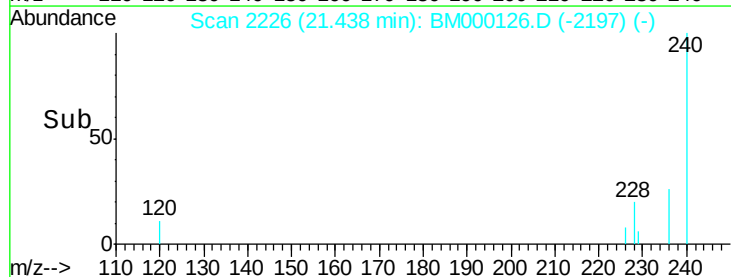
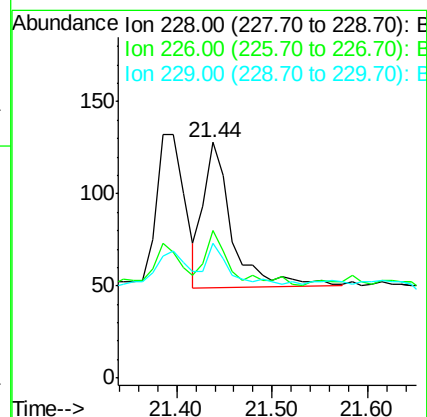
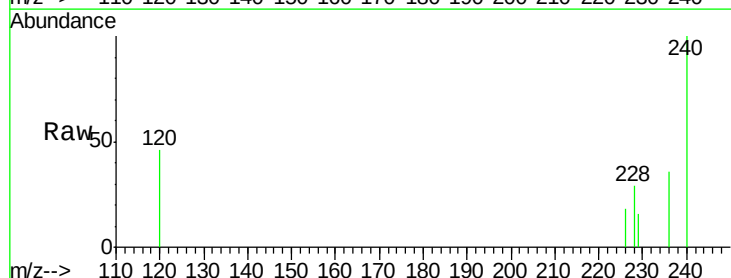
Tgt Ion:228 Resp: 164

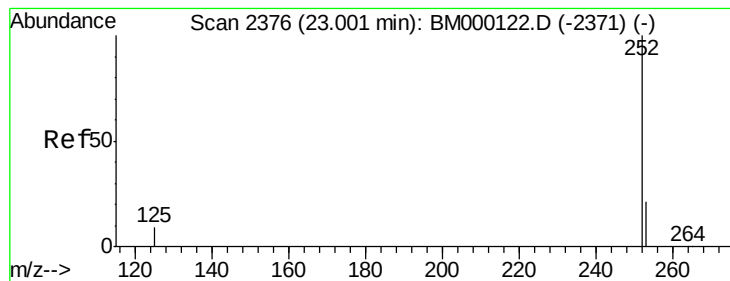
Ion Ratio Lower Upper

228 100

226 62.5 23.8 35.6#

229 57.0 15.8 23.8#





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.01 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

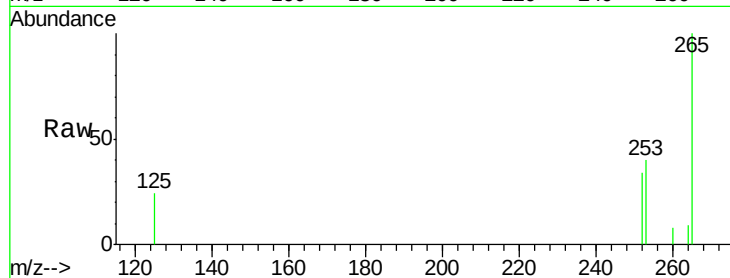
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 117.4 0.0 48.2#

125 69.5 0.0 21.6#



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

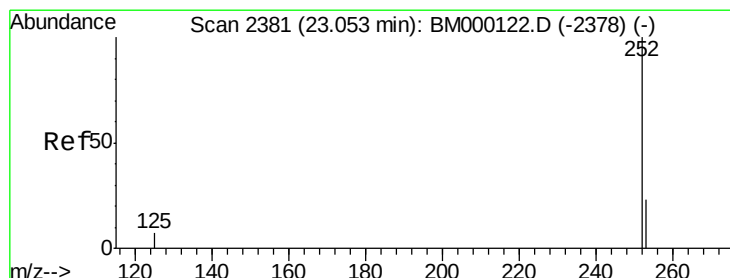
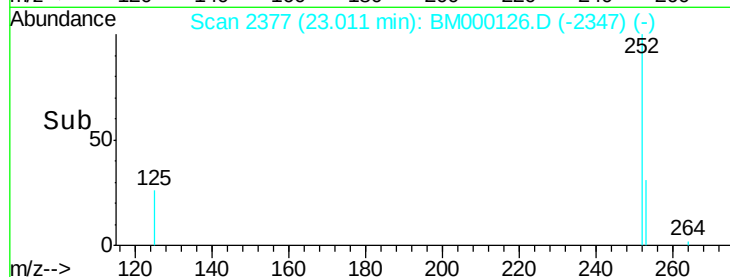
23.01

200

100

0

Time-->



#22

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.01 min Scan# 2377

Delta R.T. -0.04 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

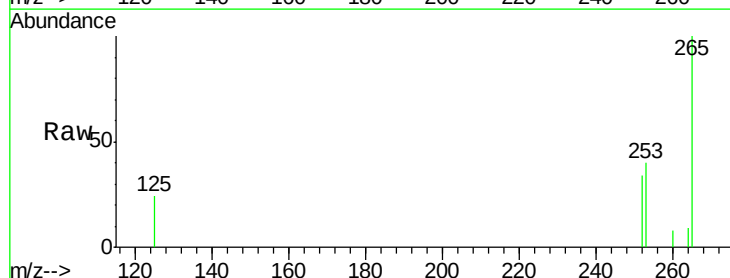
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 117.4 20.5 30.7#

125 69.5 7.8 11.8#



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

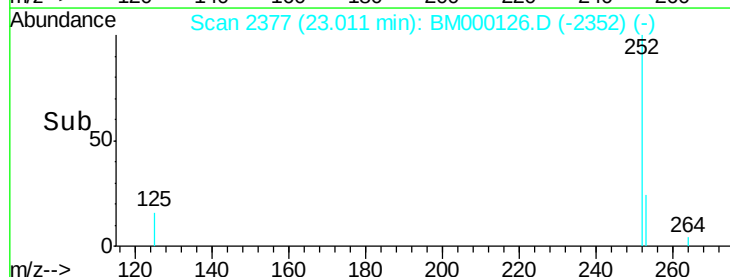
23.01

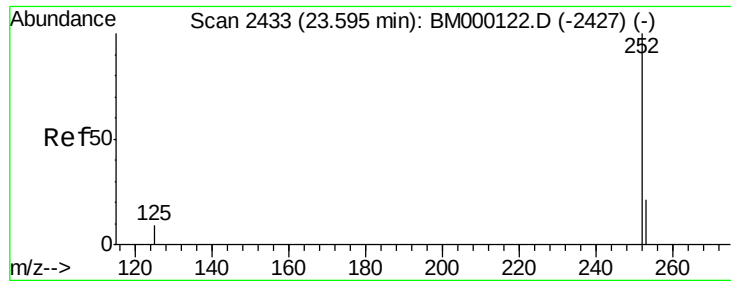
200

100

0

Time-->





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

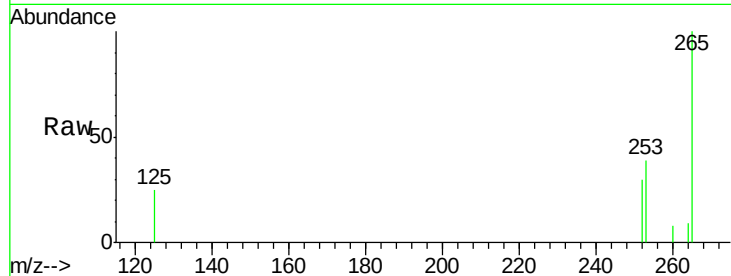
Tgt Ion: 252 Resp: 187

Ion Ratio Lower Upper

252 100

253 127.5 19.8 29.6#

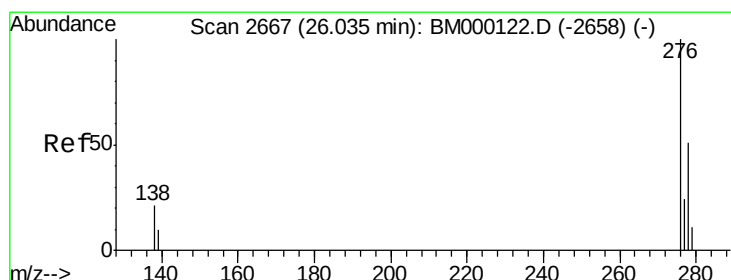
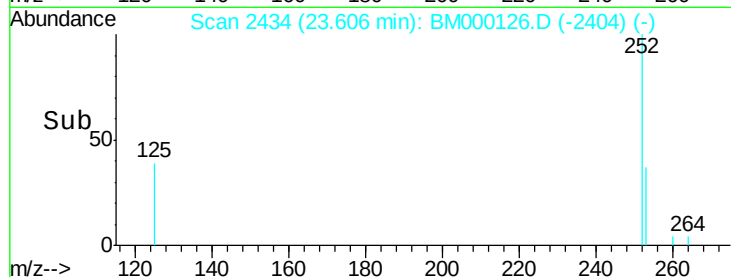
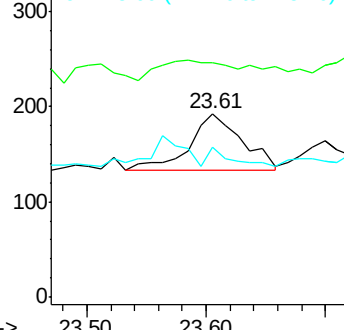
125 81.9 9.2 13.8#



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: 0.01 ng/ul

RT: 26.07 min Scan# 2670

Delta R.T. 0.03 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

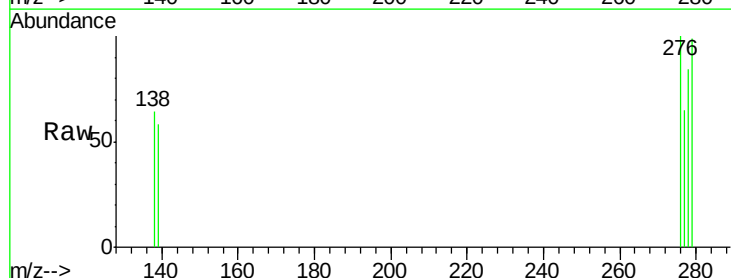
Tgt Ion: 276 Resp: 378

Ion Ratio Lower Upper

276 100

138 15.1 17.6 26.4#

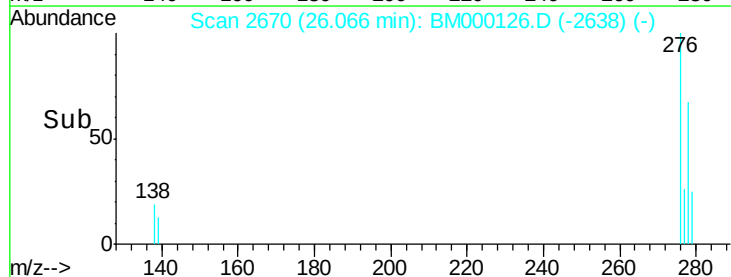
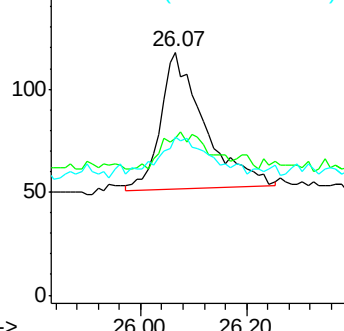
277 29.4 19.9 29.9

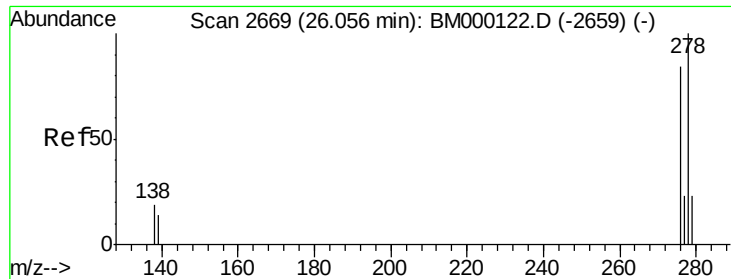


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 26.09 min Scan# 2672

Delta R.T. 0.03 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Instrument :

BNA_M

ClientSampleId :

BLK-W-MDL

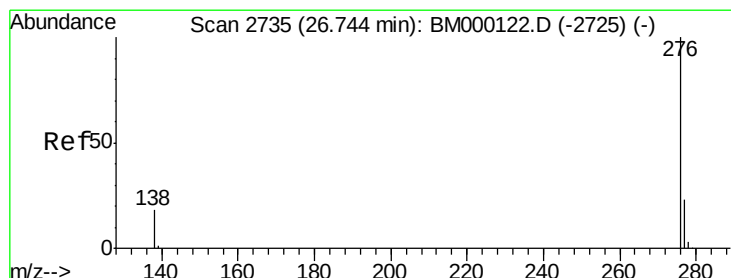
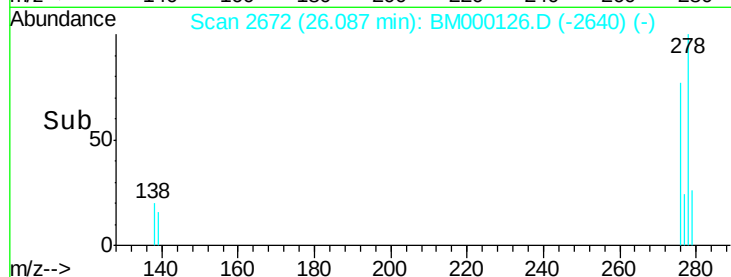
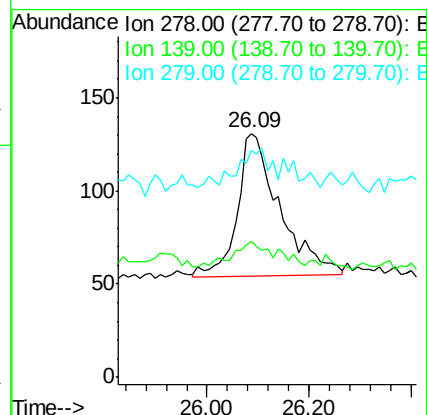
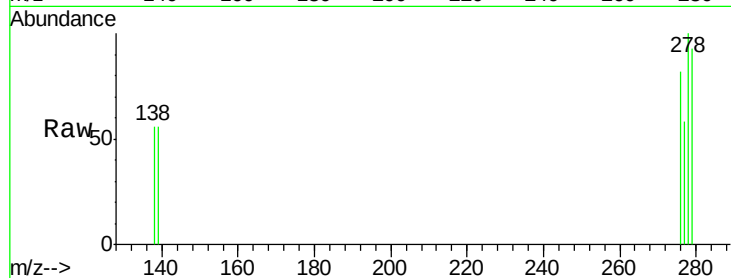
Tgt Ion: 278 Resp: 440

Ion Ratio Lower Upper

278 100

139 55.7 12.6 18.8#

279 93.1 20.6 30.8#



#26

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.77 min Scan# 2738

Delta R.T. 0.03 min

Lab File: BM000126.D

Acq: 07 Jan 2015 13:30

Tgt Ion: 276 Resp: 210

Ion Ratio Lower Upper

276 100

277 79.5 20.0 30.0#

138 77.3 15.7 23.5#

