

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061815\
 Data File : BM001736.D
 Acq On : 18 Jun 2015 13:16
 Operator : TP/IZ
 Sample : PB84012BL
 Misc : SBLK73
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK73

Quant Time: Jun 18 17:29:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 04:33:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1217	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	4374	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	2123	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	4719	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4074	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	3657	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1765	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3476	0.35	ng/ul	0.00

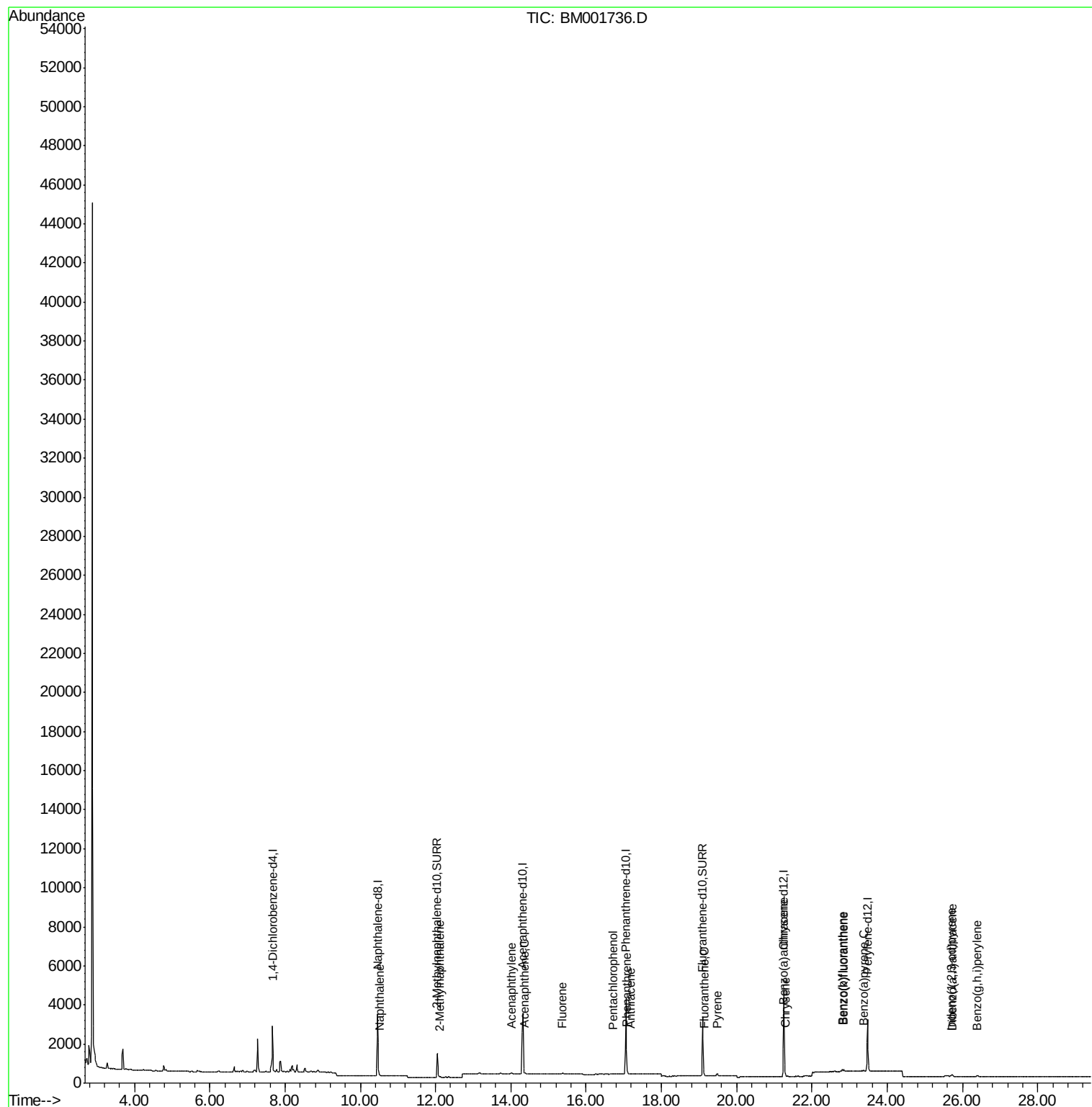
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	70	0.01	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	34	0.00	ng/ul	100
7) Acenaphthylene	14.03	152	35	0.00	ng/ul#	1
8) Acenaphthene	14.37	153	27	0.00	ng/ul#	77
9) Fluorene	15.37	166	30	0.00	ng/ul#	75
11) Pentachlorophenol	16.72	266	17	0.02	ng/ul#	87
12) Phenanthrene	17.09	178	91	0.01	ng/ul#	1
13) Anthracene	17.18	178	45	0.00	ng/ul#	1
15) Fluoranthene	19.13	202	118	0.01	ng/ul#	18
17) Pyrene	19.49	202	128	0.01	ng/ul#	27
18) Benzo(a)anthracene	21.24	228	127	0.01	ng/ul#	39
19) Chrysene	21.29	228	191	0.01	ng/ul#	60
21) Benzo(b)fluoranthene	22.81	252	156	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.85	252	151	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.38	252	78	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.71	276	136	0.01	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	104	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	26.39	276	139	0.01	ng/ul#	18

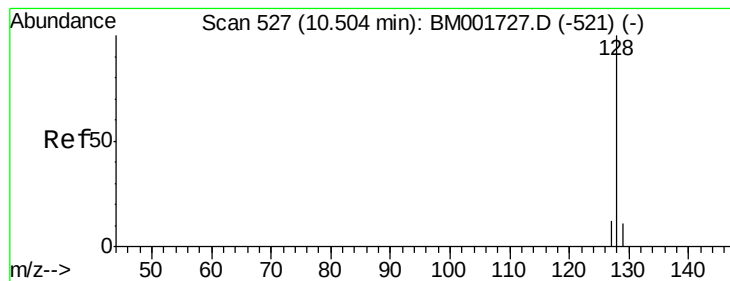
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampleId :

SBLK73

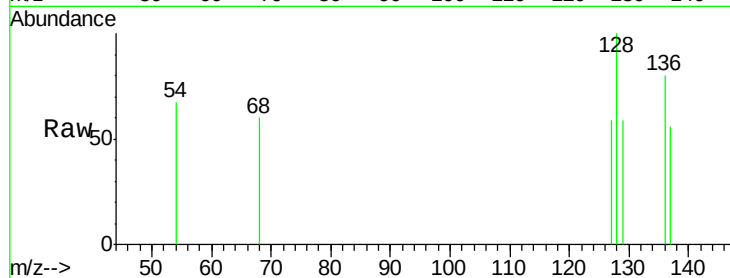
Tgt Ion:128 Resp: 70

Ion Ratio Lower Upper

128 100

129 58.9 10.3 15.5#

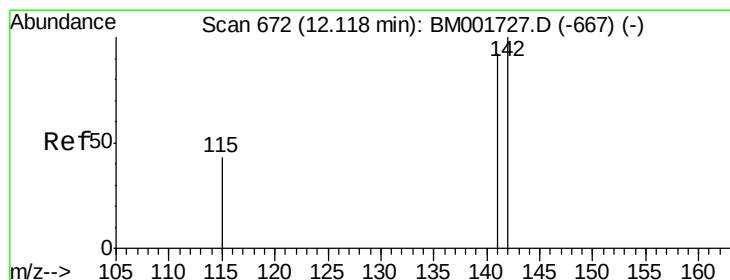
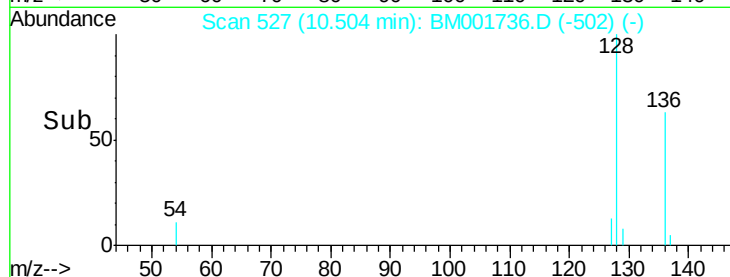
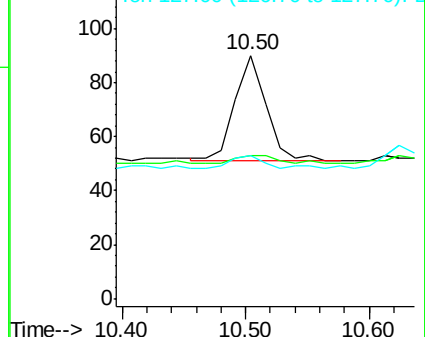
127 58.9 11.3 16.9#



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: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001736.D

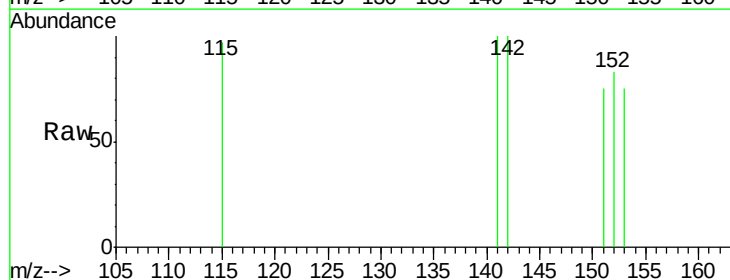
Acq: 18 Jun 2015 13:16

Tgt Ion:142 Resp: 34

Ion Ratio Lower Upper

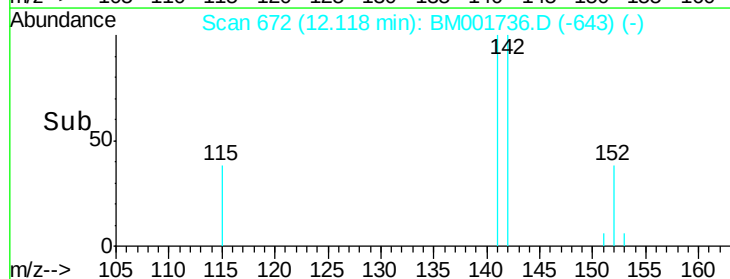
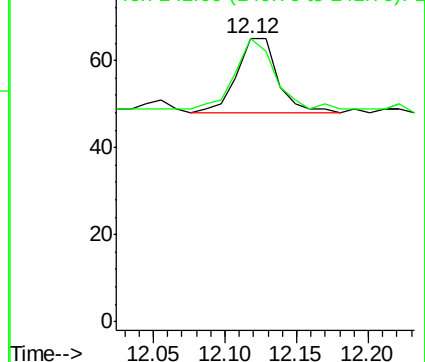
142 100

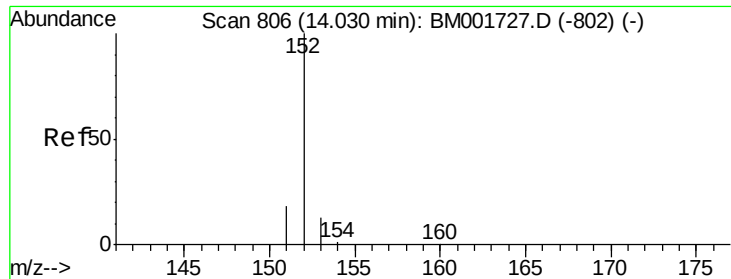
141 88.2 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampleId :

SBLK73

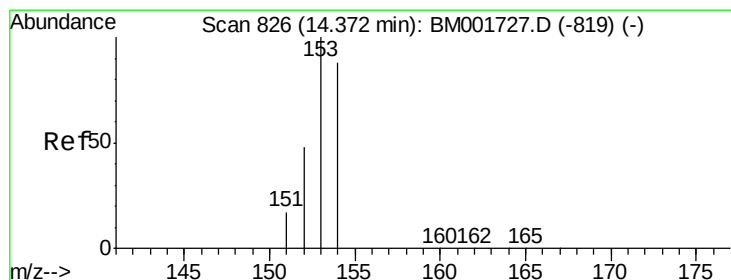
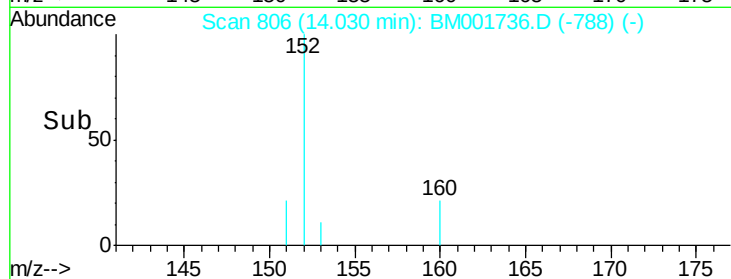
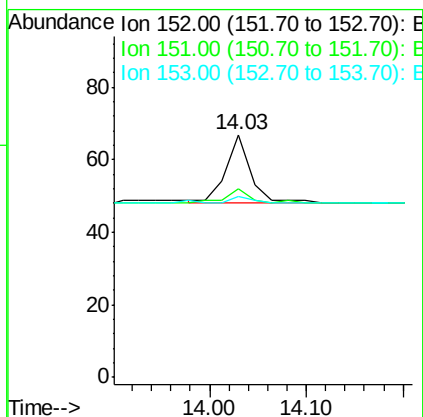
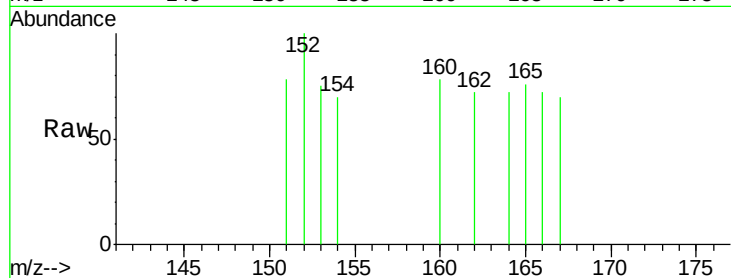
Tgt Ion:152 Resp: 35

Ion Ratio Lower Upper

152 100

151 77.6 16.2 24.4#

153 74.6 12.2 18.2#



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

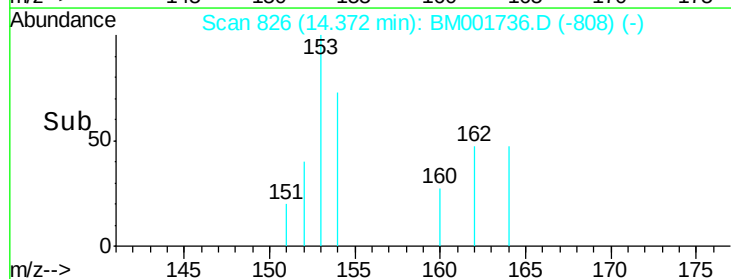
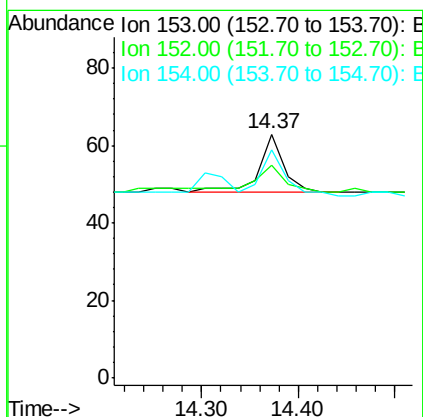
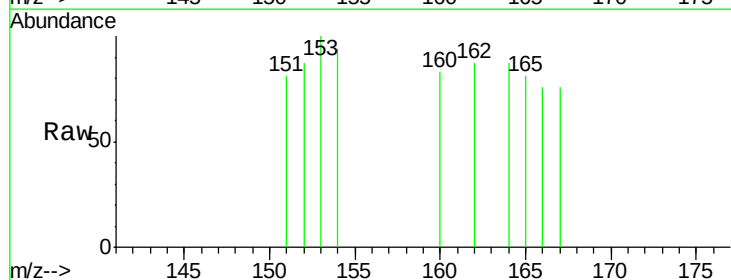
Tgt Ion:153 Resp: 27

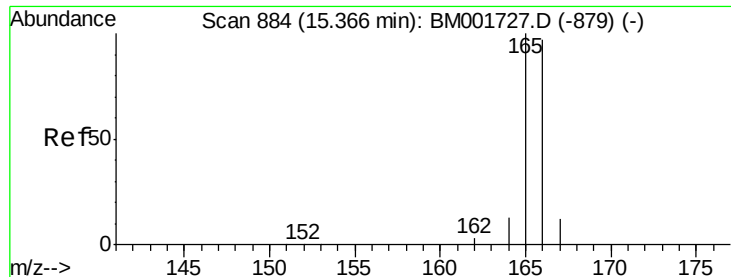
Ion Ratio Lower Upper

153 100

152 87.3 39.6 59.4#

154 93.7 70.7 106.1

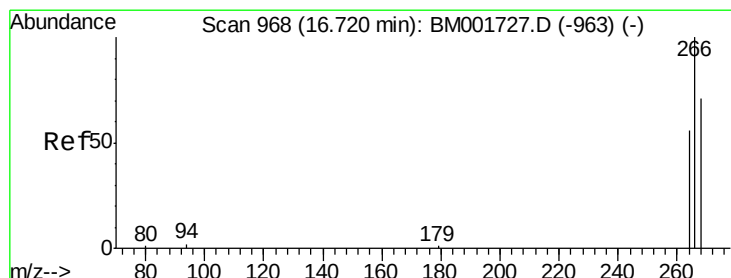
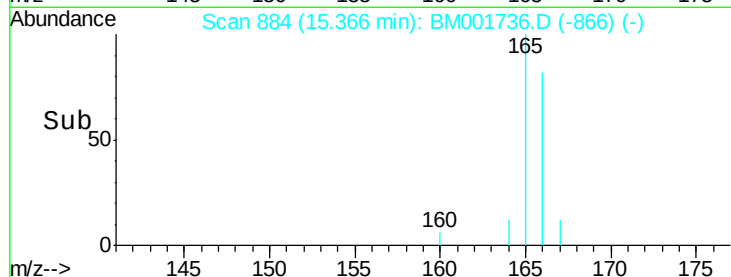
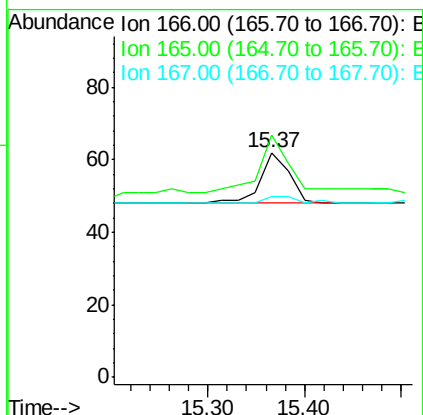
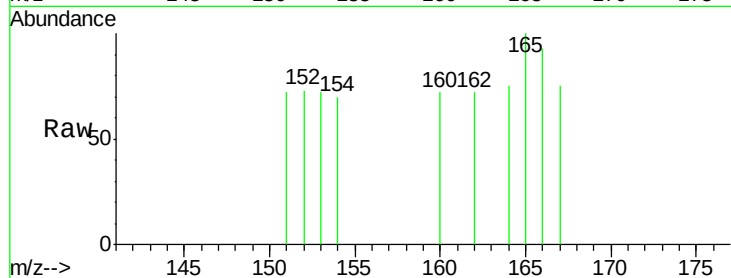




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.37 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM001736.D
 Acq: 18 Jun 2015 13:16

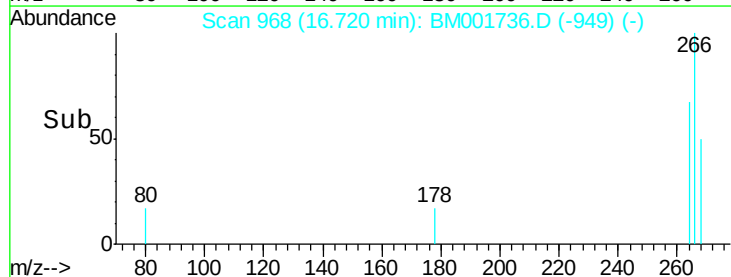
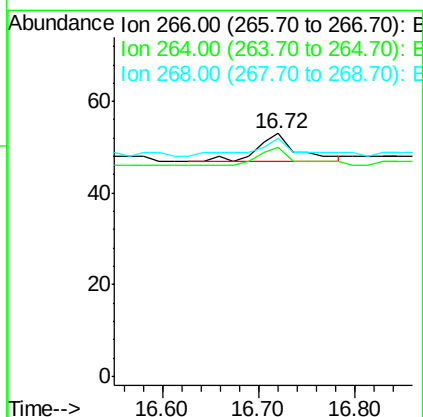
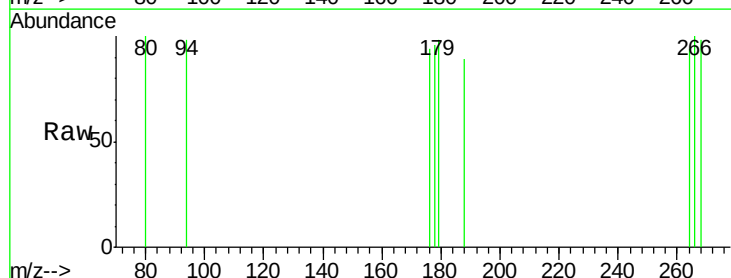
Instrument :
 BNA_M
 ClientSampleId :
 SBLK73

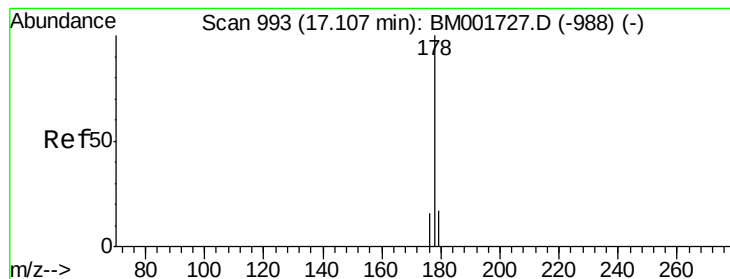
Tgt Ion:166 Resp: 30
 Ion Ratio Lower Upper
 166 100
 165 108.1 82.2 123.4
 167 80.6 11.9 17.9#



#11
Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.72 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BM001736.D
 Acq: 18 Jun 2015 13:16

Tgt Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 64.7 50.7 76.1
 268 82.4 50.5 75.7#





#12

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.02 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampleId :

SBLK73

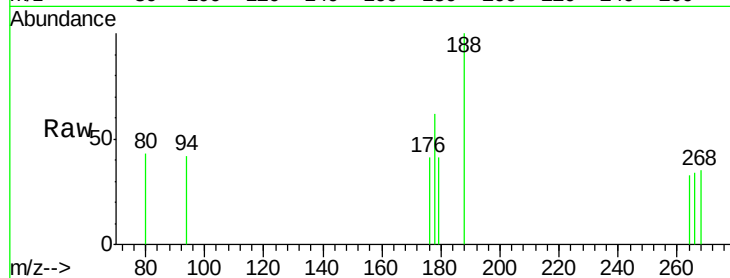
Tgt Ion:178 Resp: 91

Ion Ratio Lower Upper

178 100

176 66.7 14.6 21.8#

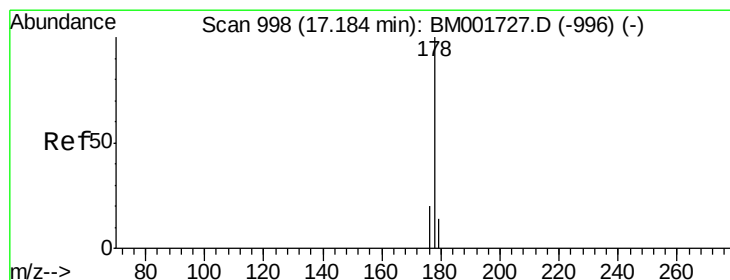
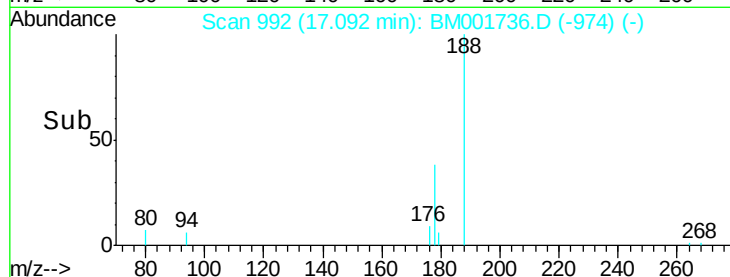
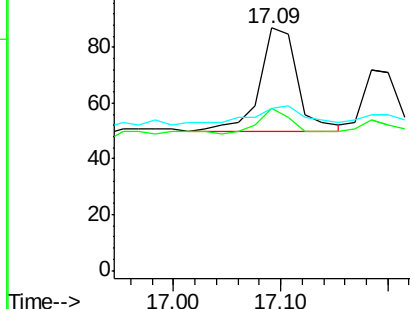
179 66.7 15.0 22.6#



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: 17.18 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

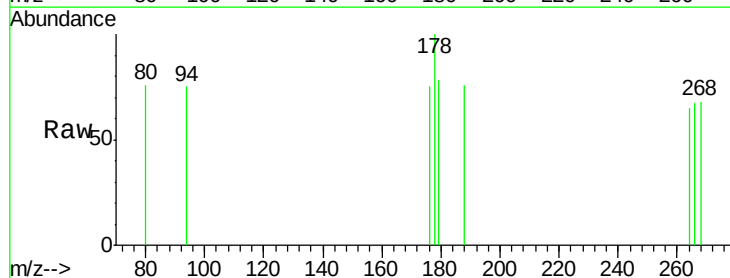
Tgt Ion:178 Resp: 45

Ion Ratio Lower Upper

178 100

176 75.0 17.8 26.8#

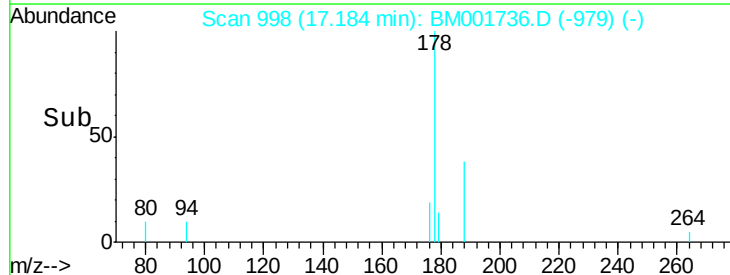
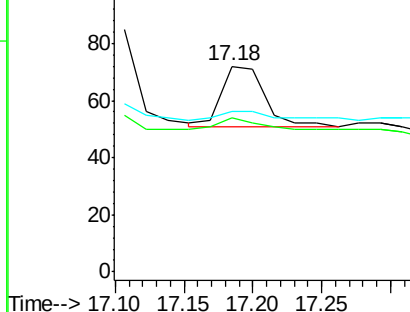
179 77.8 12.6 18.8#

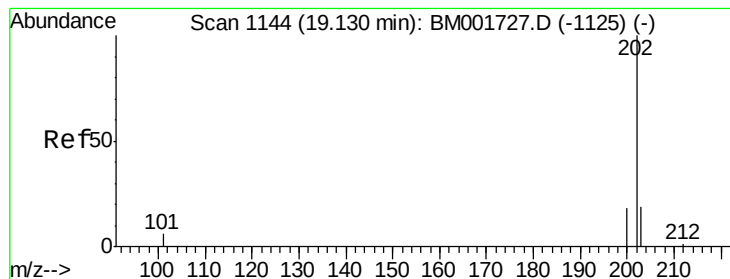


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.13 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampled :

SBLK73

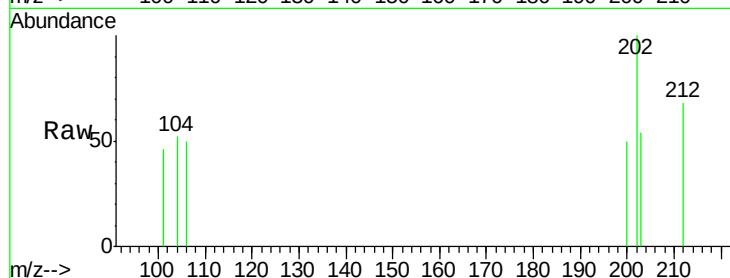
Tgt Ion:202 Resp: 118

Ion Ratio Lower Upper

202 100

101 45.8 0.0 27.5#

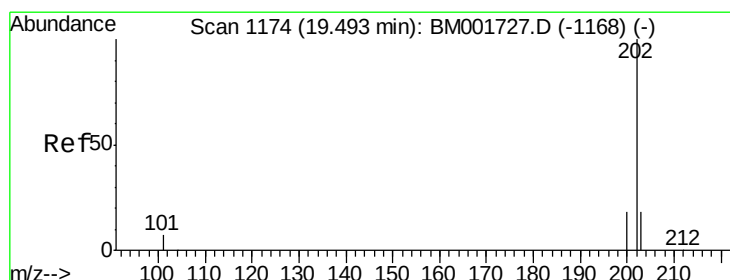
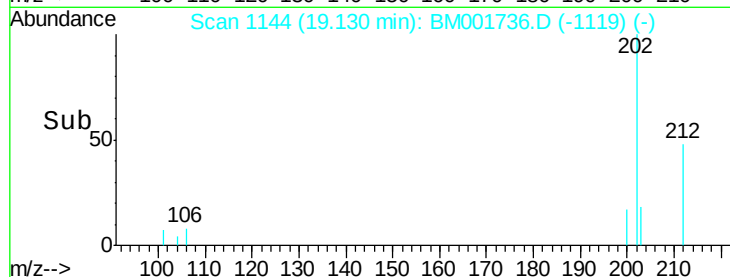
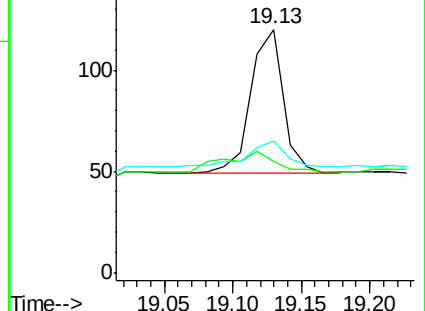
203 54.2 0.7 40.7#



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: 0.01 ng/ul

RT: 19.49 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

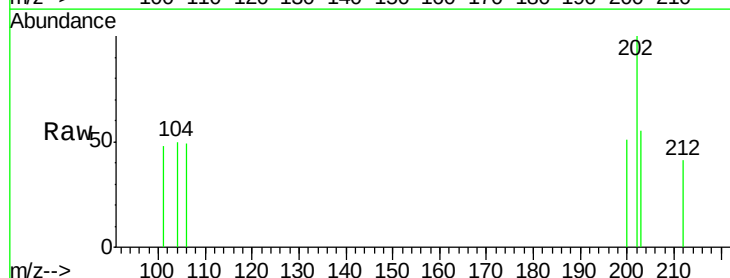
Tgt Ion:202 Resp: 128

Ion Ratio Lower Upper

202 100

200 51.2 15.7 23.5#

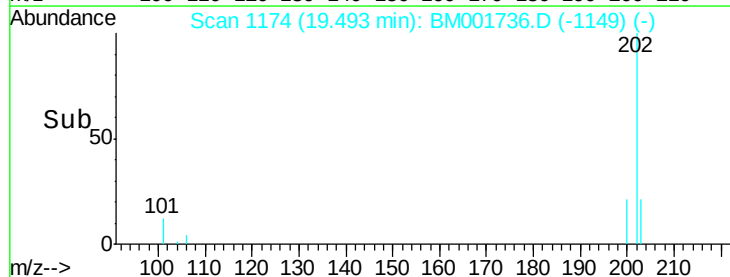
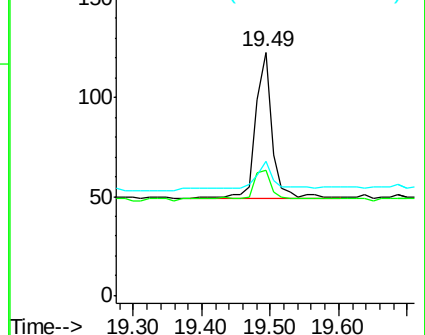
203 55.3 15.8 23.8#

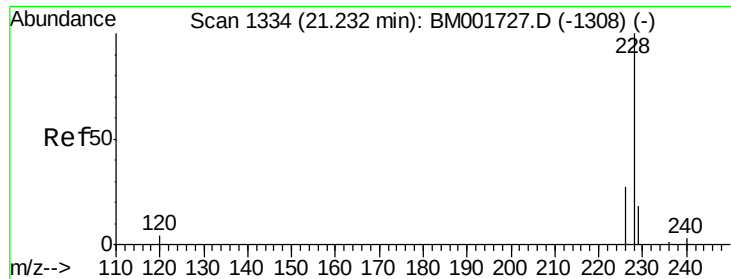


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampleId :

SBLK73

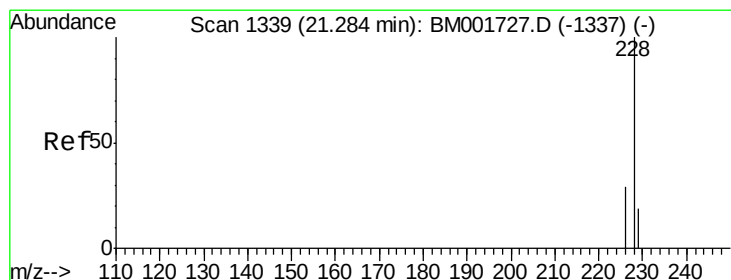
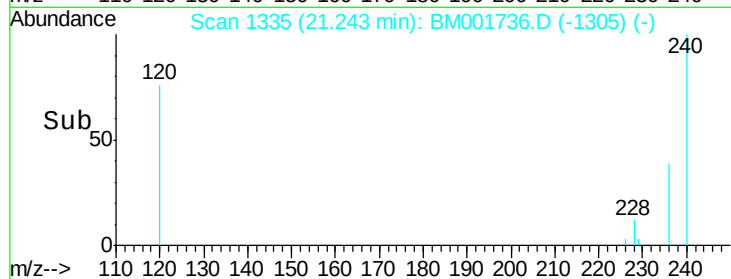
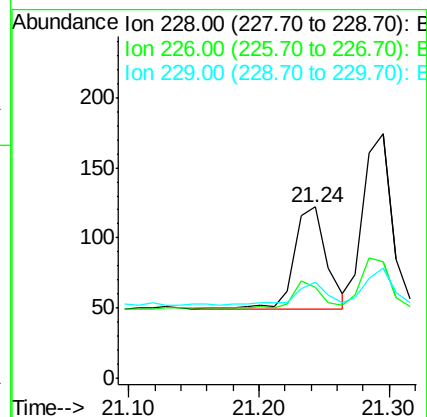
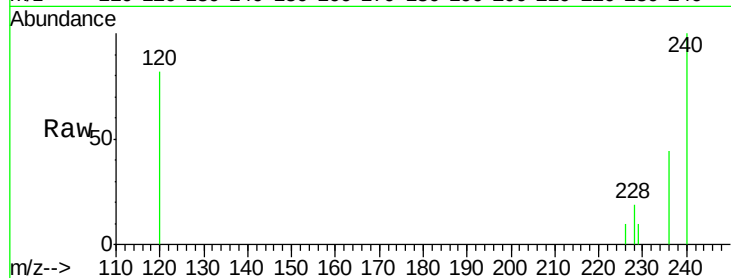
Tgt Ion:228 Resp: 127

Ion Ratio Lower Upper

228 100

226 53.3 22.3 33.5#

229 55.7 15.8 23.8#



#19

Chrysene

Concen: 0.01 ng/ul

RT: 21.29 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

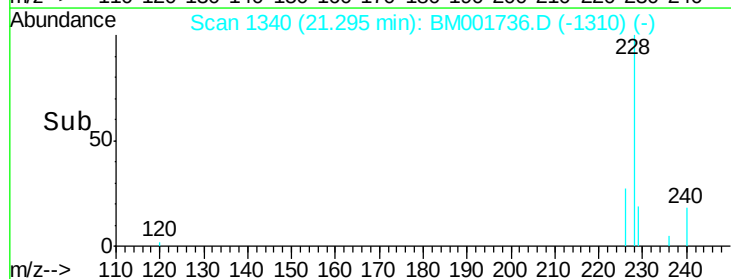
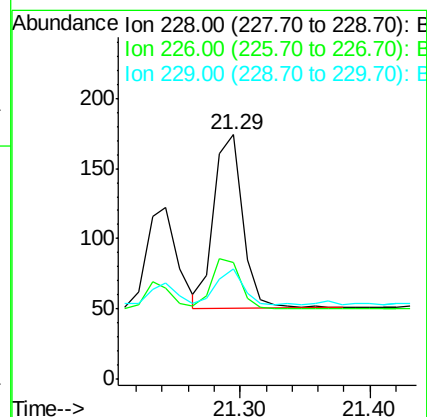
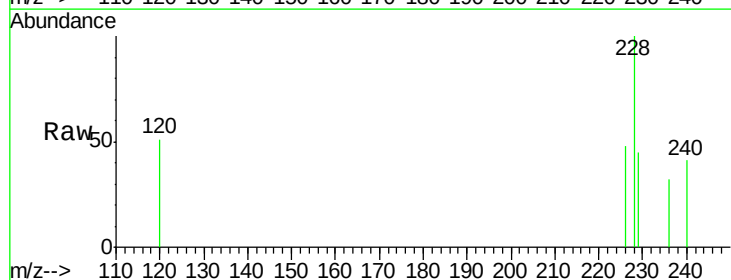
Tgt Ion:228 Resp: 191

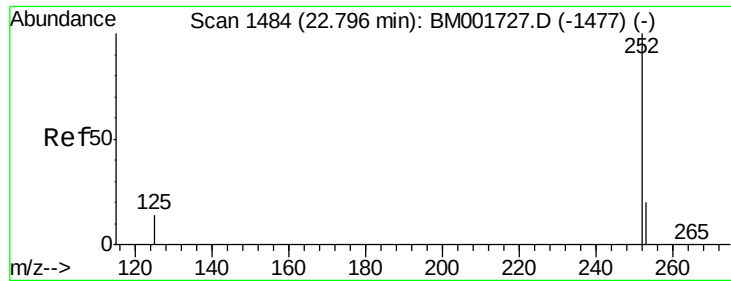
Ion Ratio Lower Upper

228 100

226 47.7 24.8 37.2#

229 44.8 16.0 24.0#





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.81 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampleId :

SBLK73

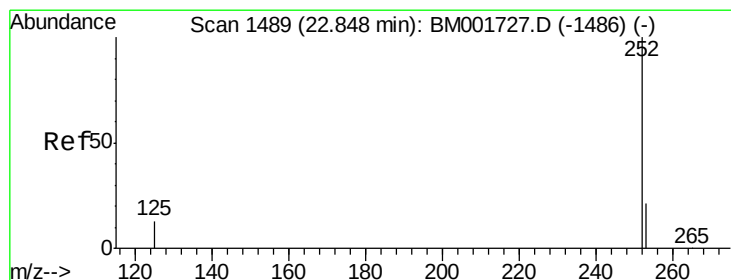
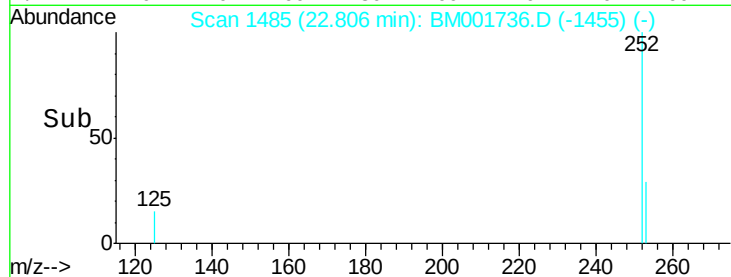
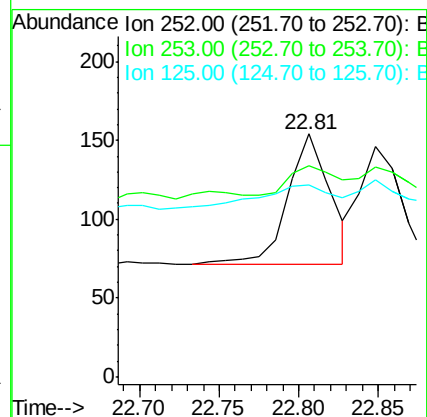
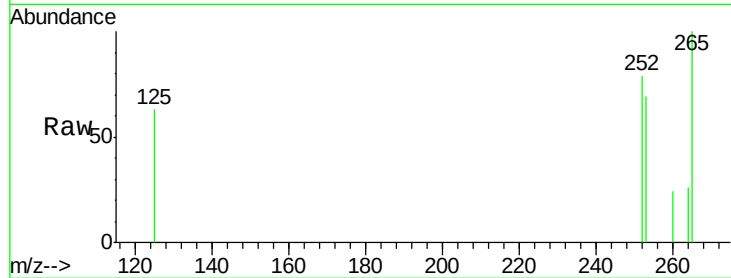
Tgt Ion: 252 Resp: 156

Ion Ratio Lower Upper

252 100

253 87.0 0.0 48.4#

125 79.2 0.0 35.2#



#22

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

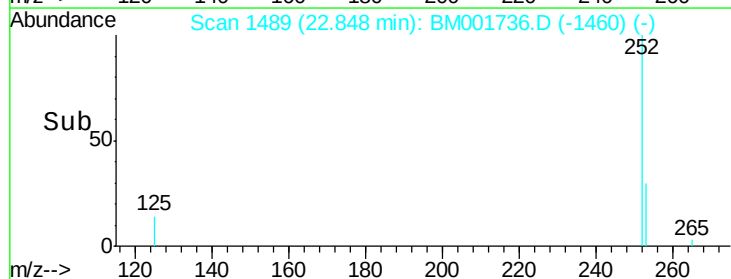
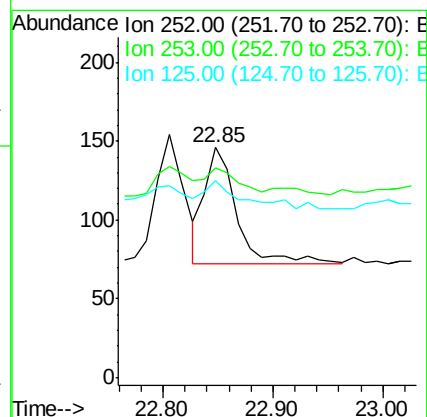
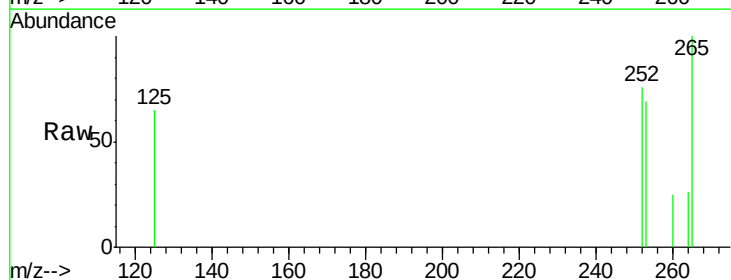
Tgt Ion: 252 Resp: 151

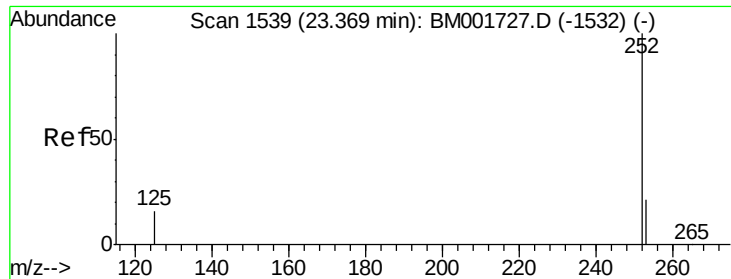
Ion Ratio Lower Upper

252 100

253 91.1 21.2 31.8#

125 85.6 12.7 19.1#





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.38 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

Instrument :

BNA_M

ClientSampleId :

SBLK73

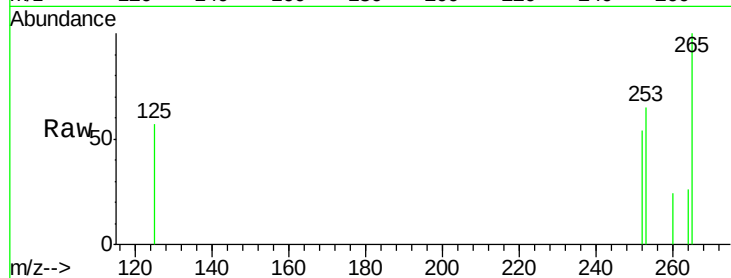
Tgt Ion: 252 Resp: 78

Ion Ratio Lower Upper

252 100

253 119.6 21.1 31.7#

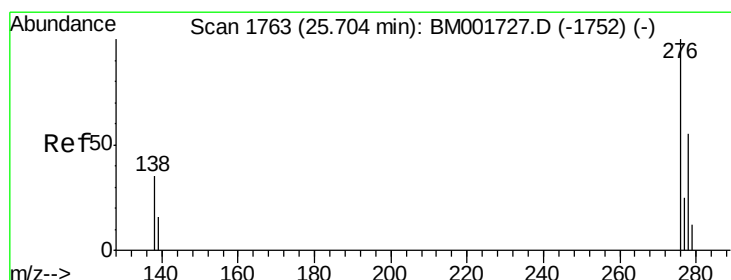
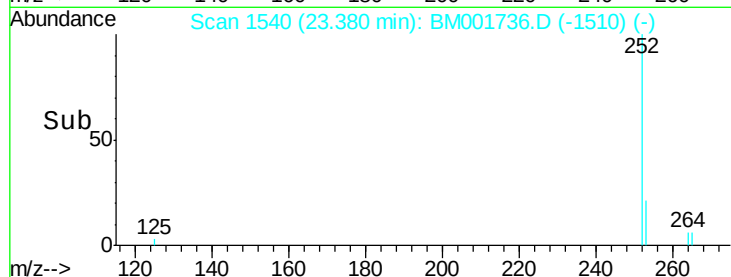
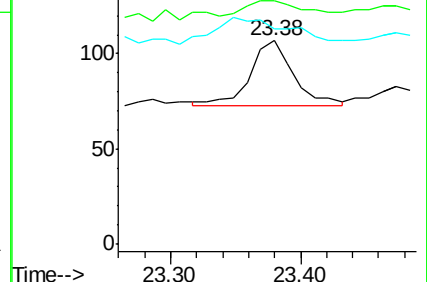
125 105.6 15.6 23.4#



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: 25.71 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BM001736.D

Acq: 18 Jun 2015 13:16

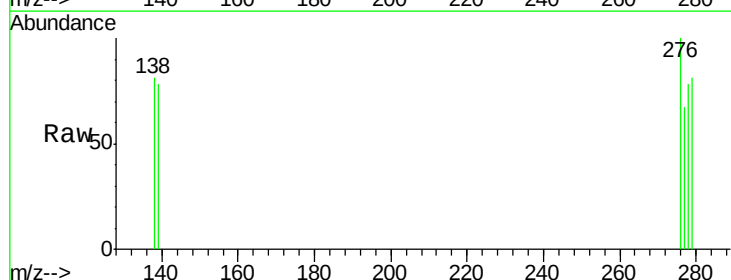
Tgt Ion: 276 Resp: 136

Ion Ratio Lower Upper

276 100

138 44.9 28.2 42.2#

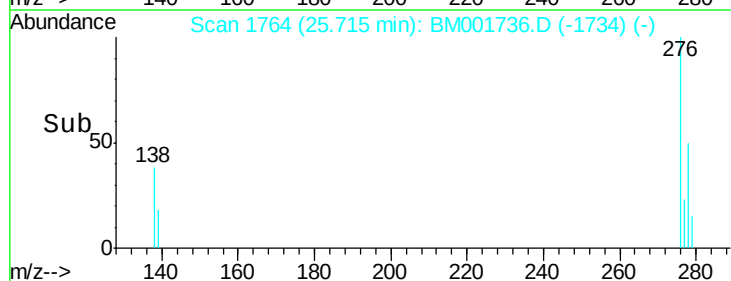
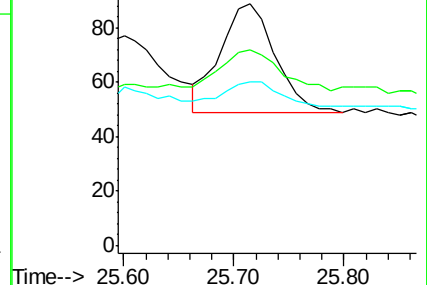
277 23.5 20.2 30.2

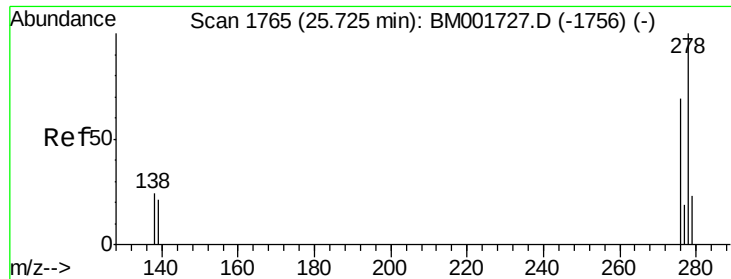


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



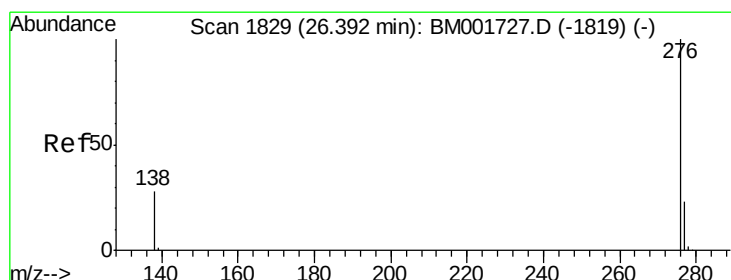
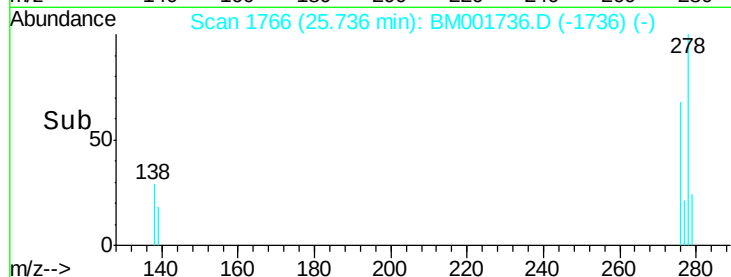
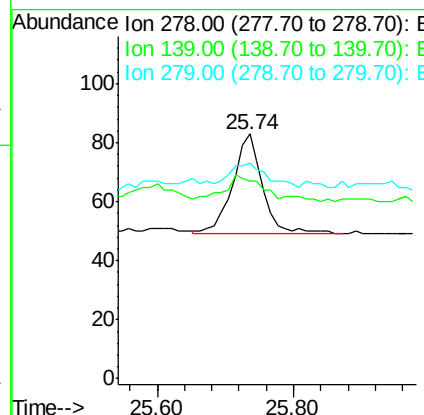
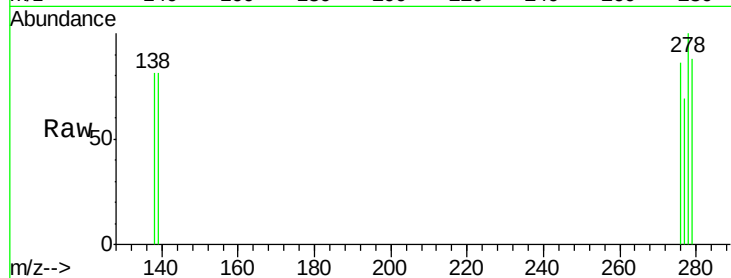


#25
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 25.74 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BM001736.D
Acq: 18 Jun 2015 13:16

Instrument :
BNA_M
ClientSampleId :
SBLK73

Tgt Ion: 278 Resp: 104

Ion	Ratio	Lower	Upper
278	100		
139	80.7	20.1	30.1#
279	88.0	22.6	33.8#



#26
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 26.39 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM001736.D
Acq: 18 Jun 2015 13:16

Tgt Ion: 276 Resp: 139

Ion	Ratio	Lower	Upper
276	100		
277	67.0	21.1	31.7#
138	78.4	25.3	37.9#

