

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071415\
 Data File : BM001916.D
 Acq On : 14 Jul 2015 16:07
 Operator : TP/UM
 Sample : PB84421BL
 Misc : SBLK84
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK84

Quant Time: Jul 14 18:36:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 04:27:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1410	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	5284	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	2855	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	6340	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	5418	0.40	ng/ul	0.01
20) Perylene-d12	23.48	264	4885	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	3406	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7656	0.45	ng/ul	0.00

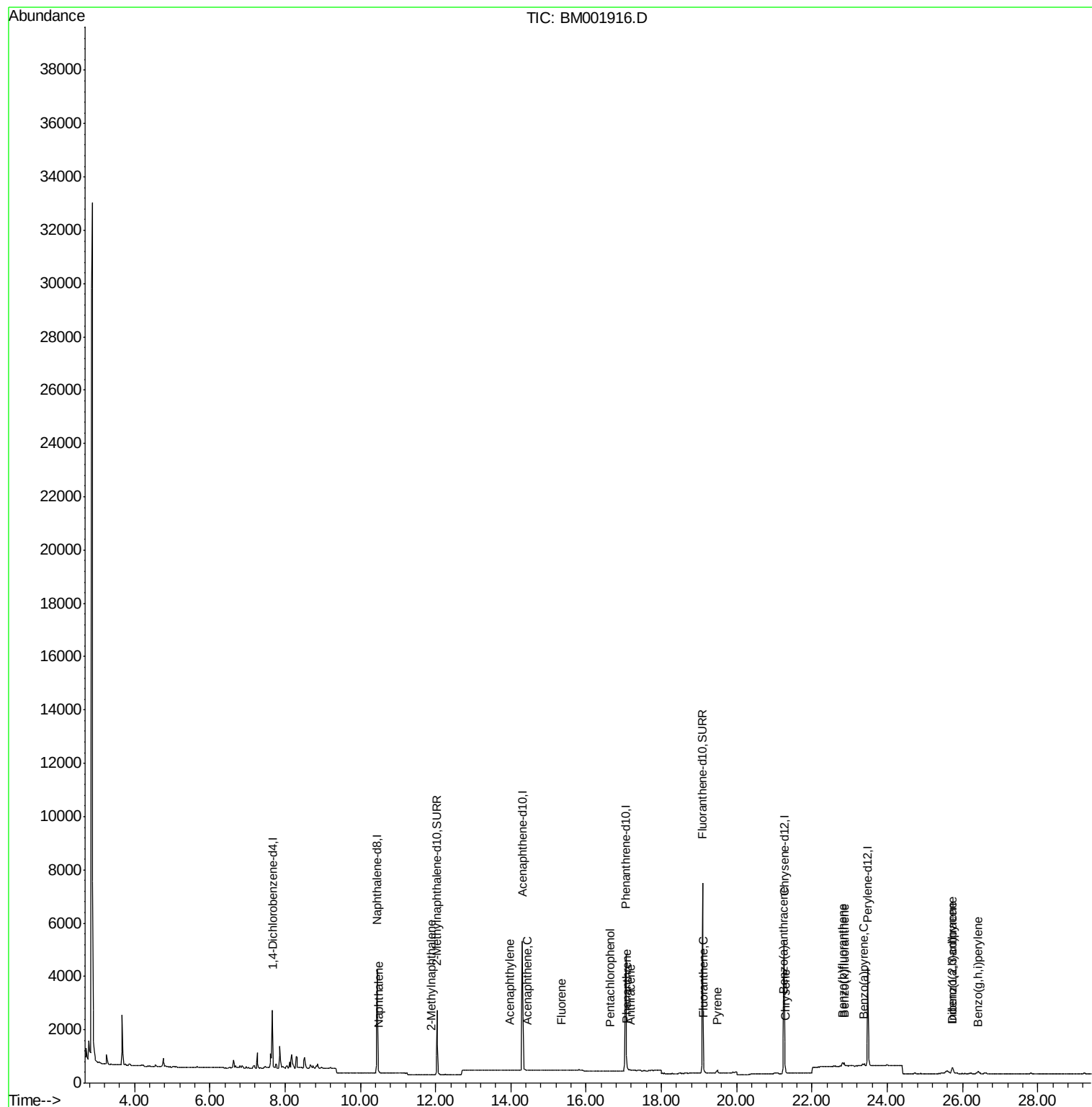
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	31	0.00	ng/ul#	1
5) 2-Methylnaphthalene	11.88	142	4	0.00	ng/ul	86
7) Acenaphthylene	13.98	152	7	0.00	ng/ul#	1
8) Acenaphthene	14.42	153	4	0.00	ng/ul#	73
9) Fluorene	15.35	166	7	0.00	ng/ul#	59
11) Pentachlorophenol	16.63	266	1	0.00	ng/ul#	18
12) Phenanthrene	17.09	178	53	0.00	ng/ul#	1
13) Anthracene	17.18	178	24	0.00	ng/ul#	1
15) Fluoranthene	19.12	202	144	0.01	ng/ul#	21
17) Pyrene	19.49	202	138	0.01	ng/ul#	28
18) Benzo(a)anthracene	21.24	228	161	0.01	ng/ul#	47
19) Chrysene	21.29	228	255	0.01	ng/ul#	68
21) Benzo(b)fluoranthene	22.82	252	220	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	183	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.38	252	138	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.73	276	239	0.01	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.74	278	248	0.01	ng/ul#	14
26) Benzo(g,h,i)perylene	26.41	276	188	0.01	ng/ul#	21

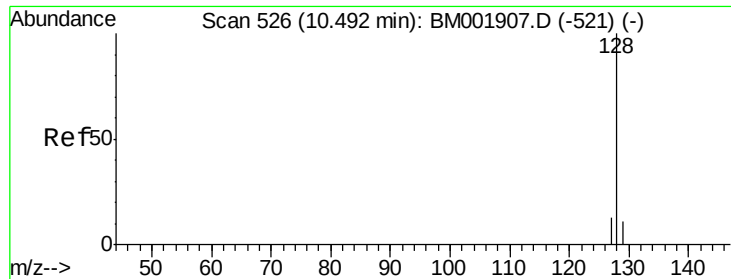
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071415\
Data File : BM001916.D
Acq On : 14 Jul 2015 16:07
Operator : TP/UM
Sample : PB84421BL
Misc : SBLK84
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK84

Quant Time: Jul 14 18:36:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 04:27:22 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Instrument :

BNA_M

ClientSampleId :

SBLK84

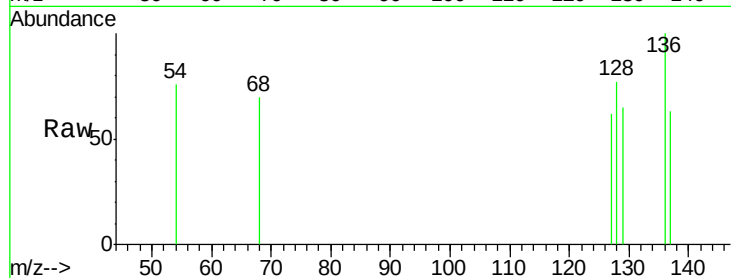
Tgt Ion:128 Resp: 31

Ion Ratio Lower Upper

128 100

129 84.1 9.6 14.4#

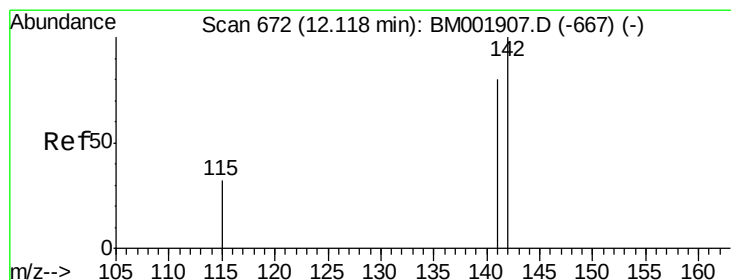
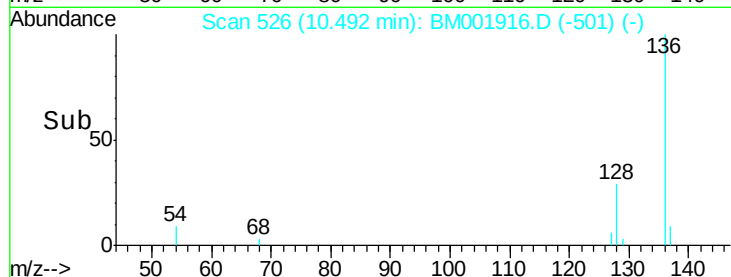
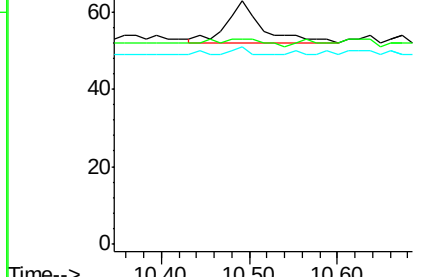
127 81.0 11.0 16.6#



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: 11.88 min Scan# 649

Delta R.T. -0.24 min

Lab File: BM001916.D

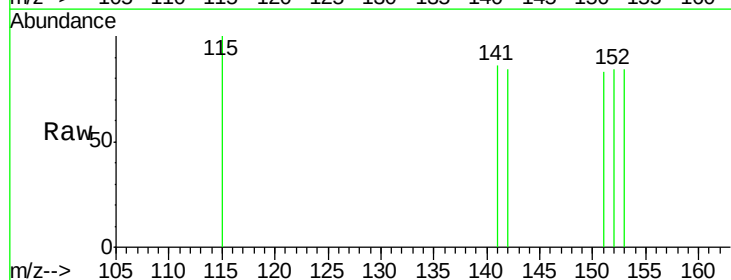
Acq: 14 Jul 2015 16:07

Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

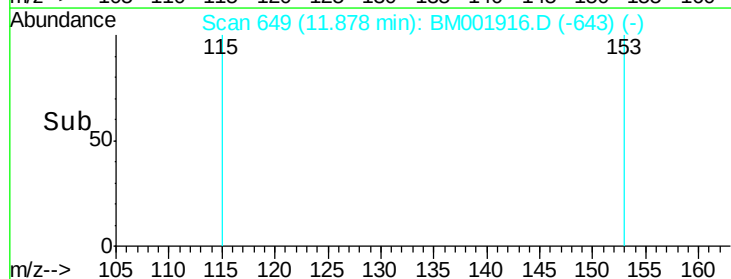
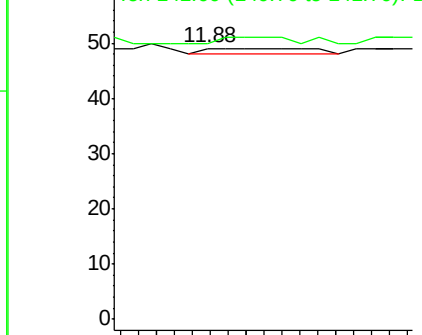
142 100

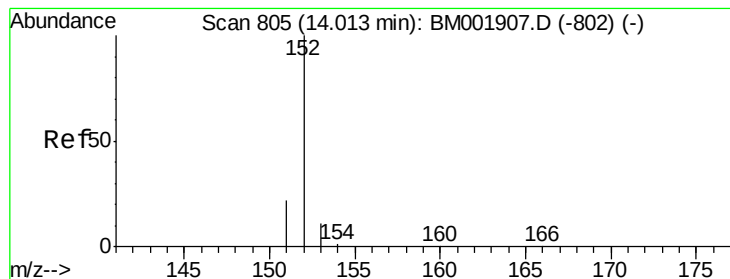
141 75.0 70.7 106.1



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: 13.98 min Scan# 803

Delta R.T. -0.03 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

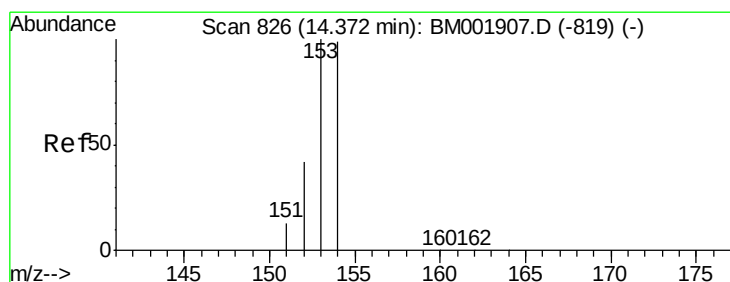
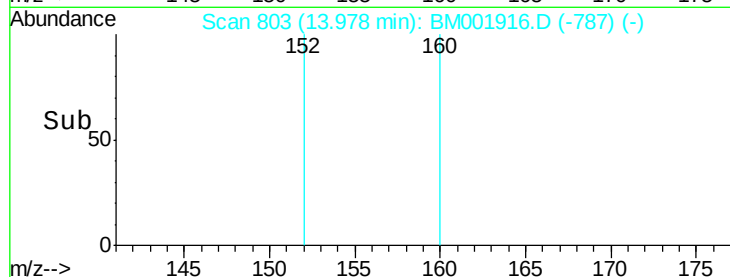
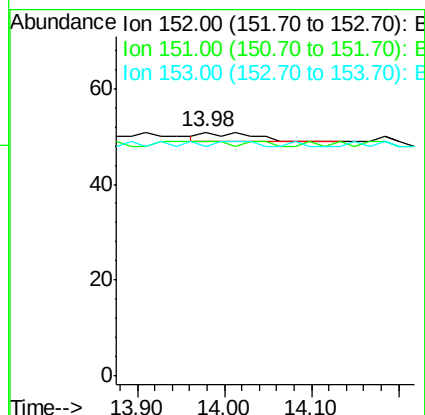
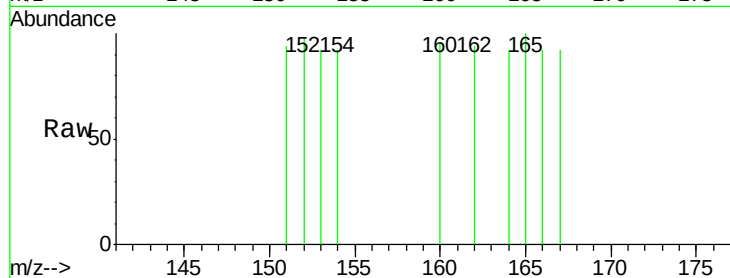
Instrument :

BNA_M

ClientSampleId :

SBLK84

Tgt Ion:	152	Resp:	7
Ion	Ratio	Lower	Upper
152	100		
151	96.1	18.5	27.7#
153	94.1	10.3	15.5#



#8

Acenaphthene

Concen: 0.00 ng/ul

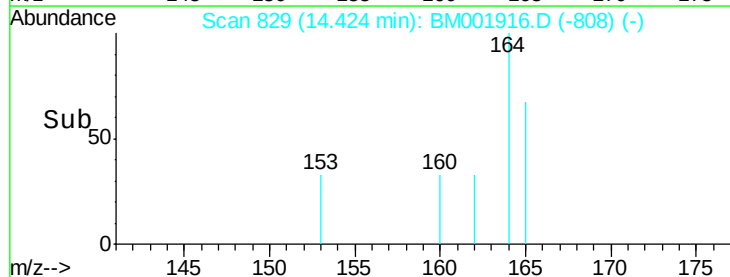
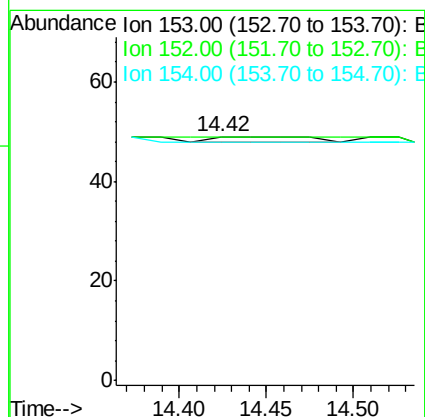
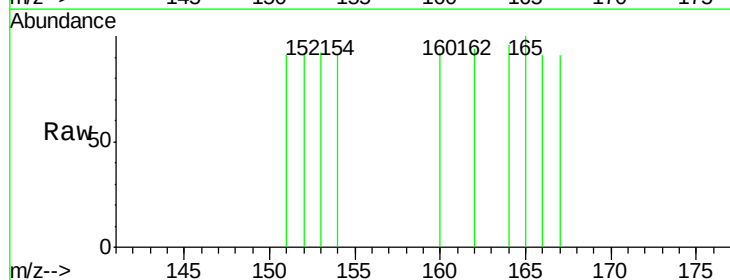
RT: 14.42 min Scan# 829

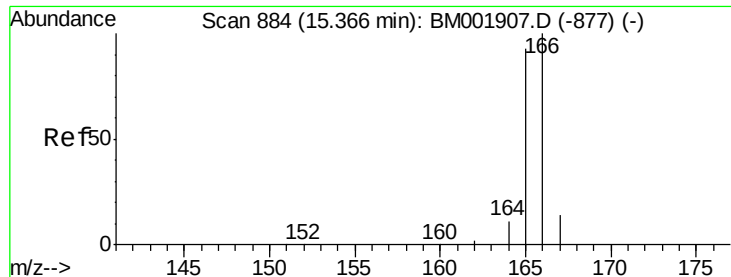
Delta R.T. 0.05 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Tgt Ion:	153	Resp:	4
Ion	Ratio	Lower	Upper
153	100		
152	100.0	34.9	52.3#
154	98.0	79.0	118.4





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.35 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

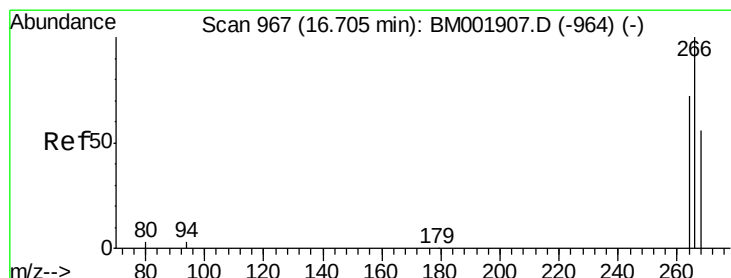
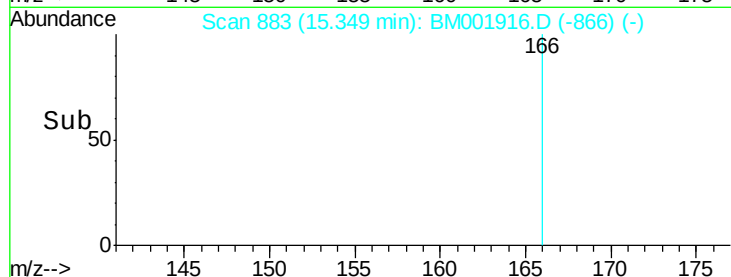
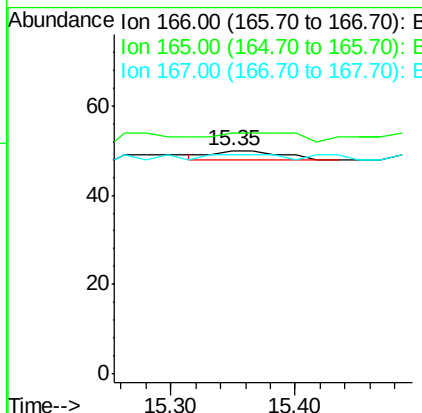
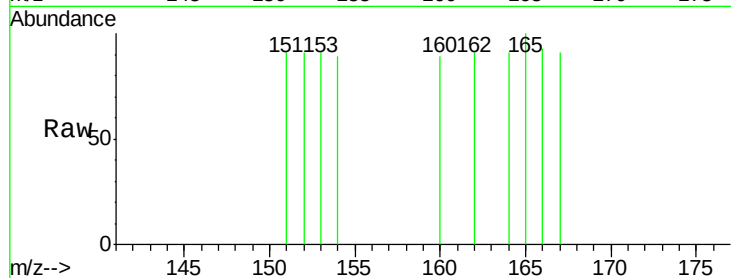
Instrument :

BNA_M

ClientSampleId :

SBLK84

Tgt Ion:	166	Resp:	7
Ion	Ratio	Lower	Upper
166	100		
165	108.0	74.4	111.6
167	98.0	12.0	18.0#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

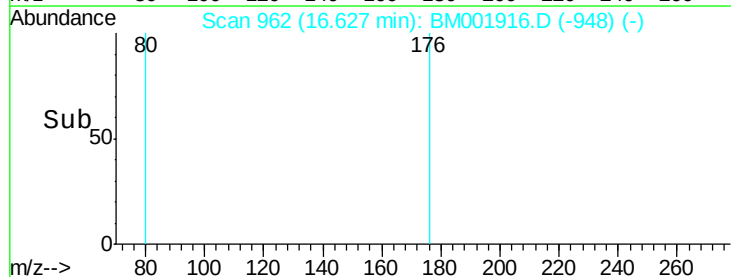
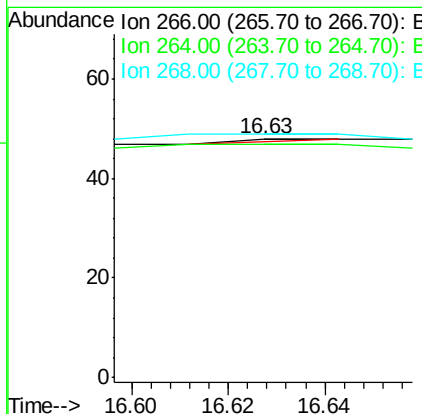
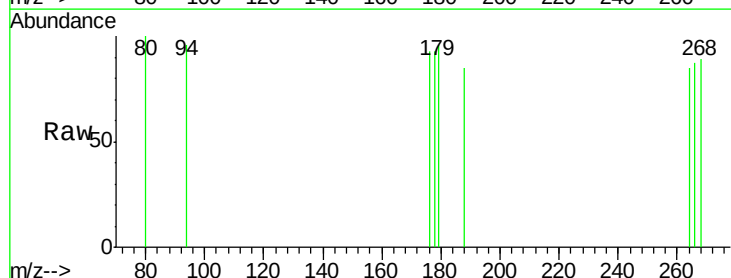
RT: 16.63 min Scan# 962

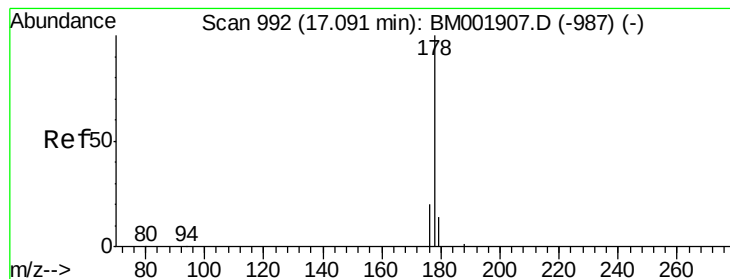
Delta R.T. -0.08 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Tgt Ion:	266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.9	74.9#
268	0.0	52.1	78.1#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Instrument :

BNA_M

ClientSampleId :

SBLK84

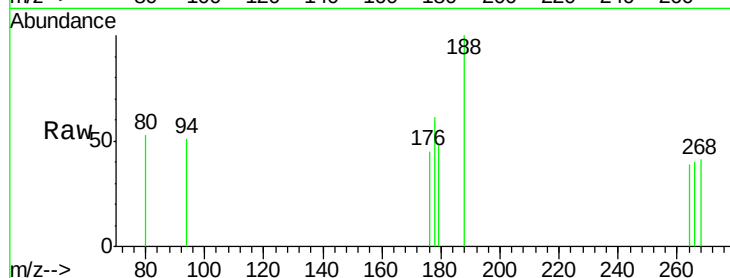
Tgt Ion:178 Resp: 53

Ion Ratio Lower Upper

178 100

176 74.0 16.6 25.0#

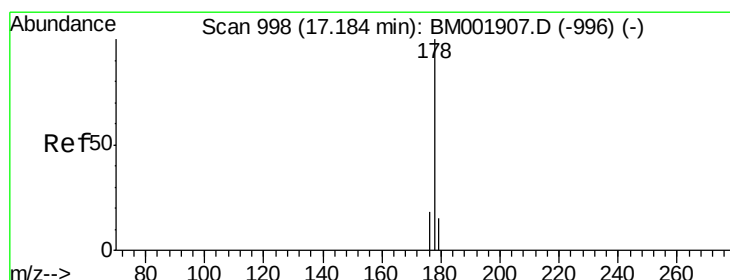
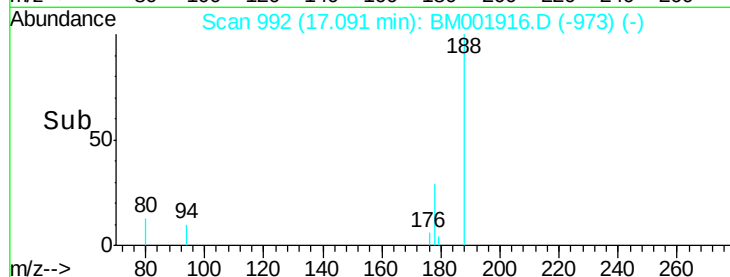
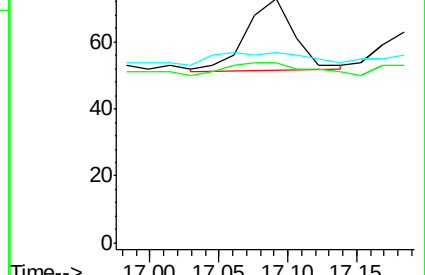
179 78.1 12.2 18.2#



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: BM001916.D

Acq: 14 Jul 2015 16:07

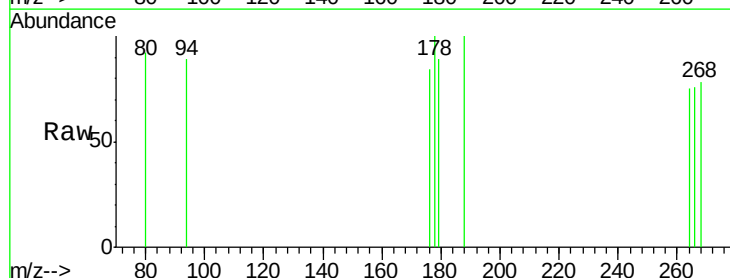
Tgt Ion:178 Resp: 24

Ion Ratio Lower Upper

178 100

176 84.1 15.4 23.2#

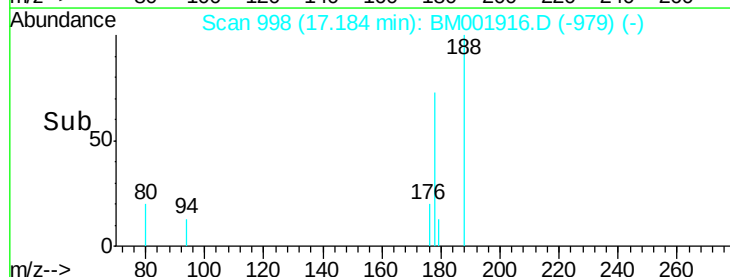
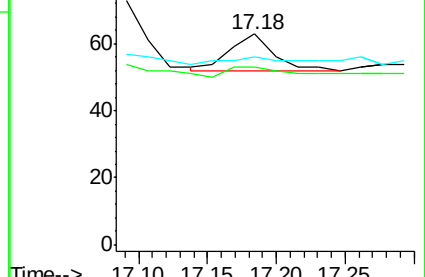
179 88.9 12.6 18.8#

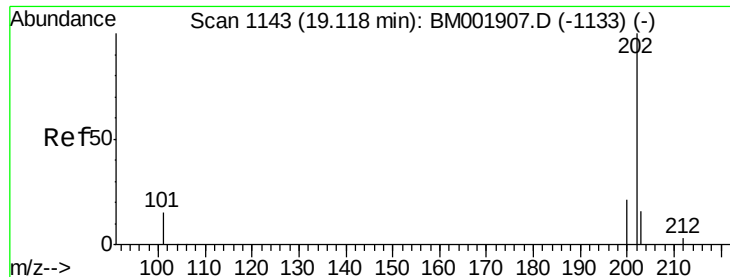


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

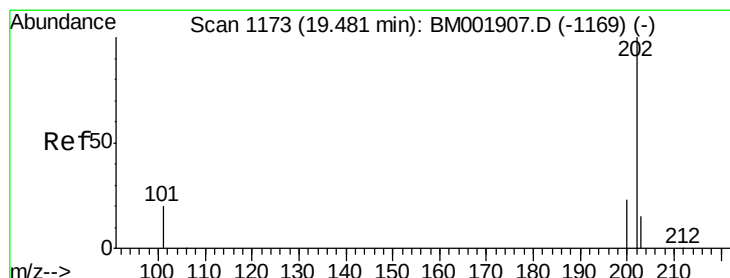
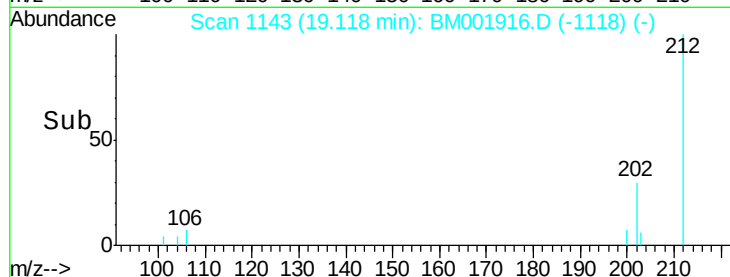
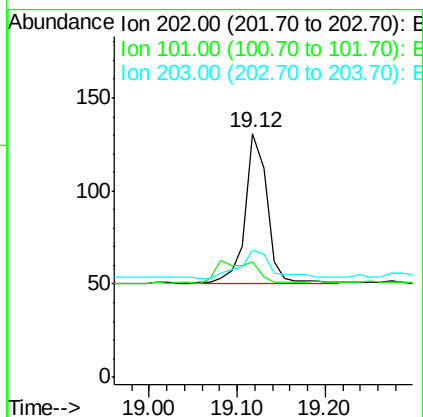
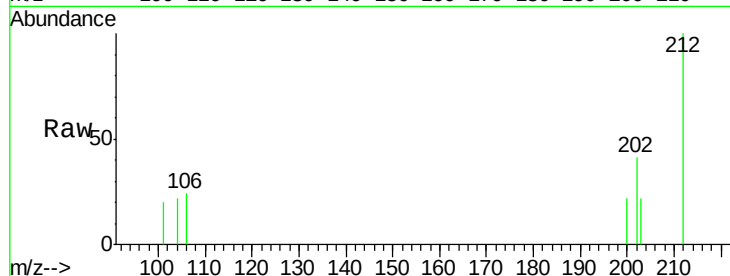




#15
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.12 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001916.D
Acq: 14 Jul 2015 16:07

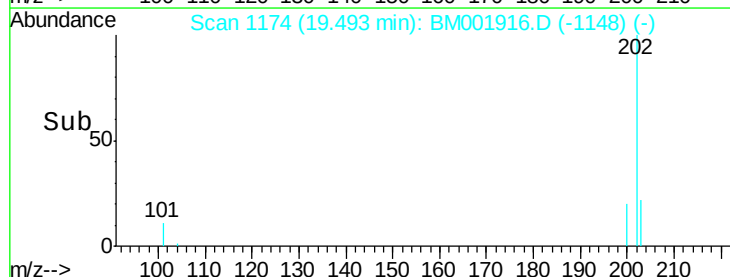
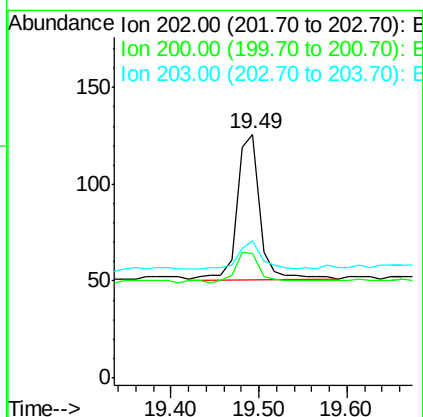
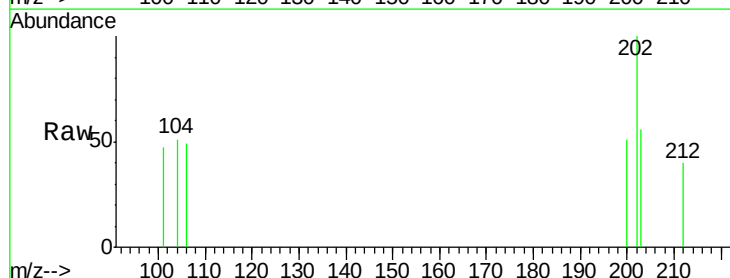
Instrument :
BNA_M
ClientSampleId :
SBLK84

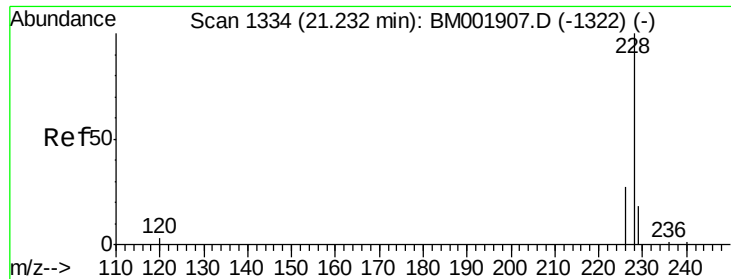
Tgt Ion:202 Resp: 144
Ion Ratio Lower Upper
202 100
101 47.3 0.0 35.3#
203 51.9 0.0 36.8#



#17
Pyrene
Concen: 0.01 ng/ul
RT: 19.49 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BM001916.D
Acq: 14 Jul 2015 16:07

Tgt Ion:202 Resp: 138
Ion Ratio Lower Upper
202 100
200 50.8 18.7 28.1#
203 56.3 13.0 19.4#





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.24 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Instrument :

BNA_M

ClientSampleId :

SBLK84

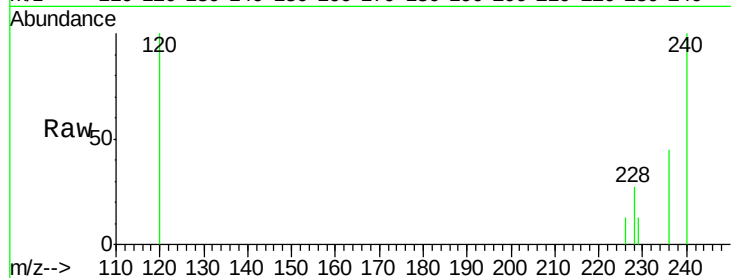
Tgt Ion:228 Resp: 161

Ion Ratio Lower Upper

228 100

226 50.0 22.3 33.5#

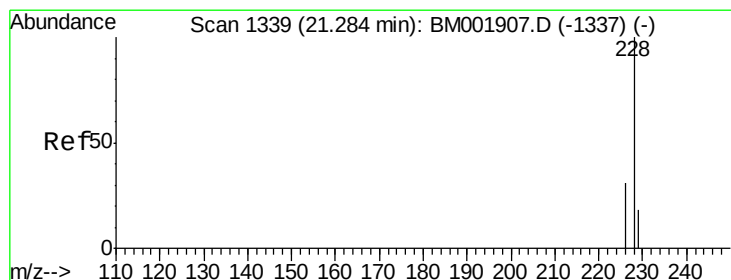
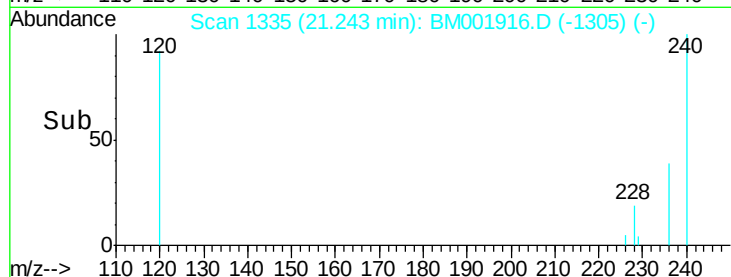
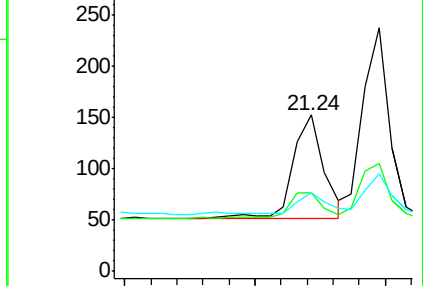
229 50.0 15.2 22.8#



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



#19

Chrysene

Concen: 0.01 ng/ul

RT: 21.29 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

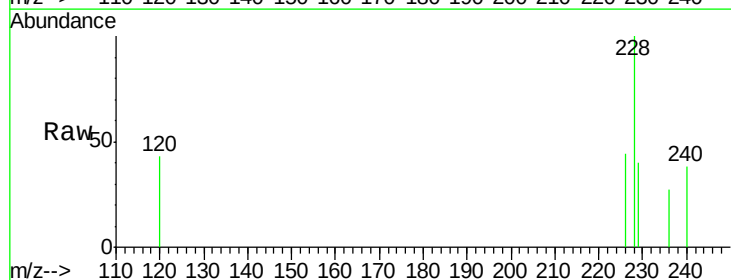
Tgt Ion:228 Resp: 255

Ion Ratio Lower Upper

228 100

226 44.3 25.7 38.5#

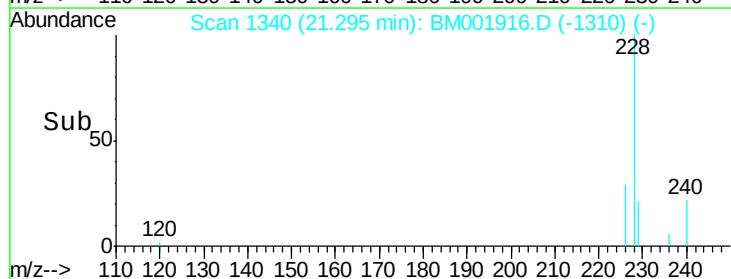
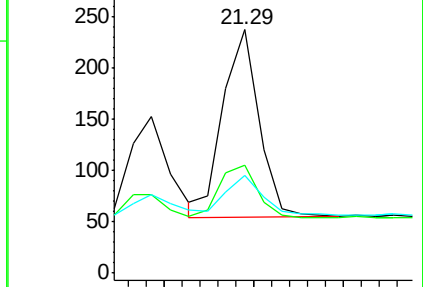
229 40.1 14.8 22.2#

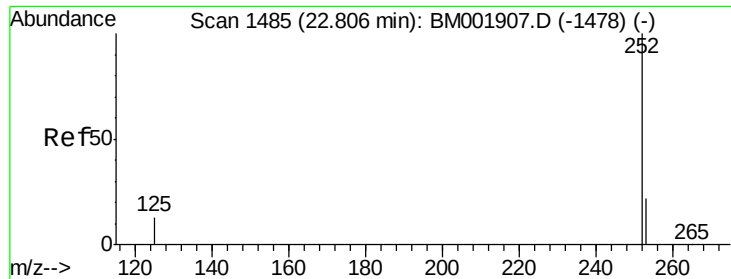


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.82 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Instrument :

BNA_M

ClientSampleId :

SBLK84

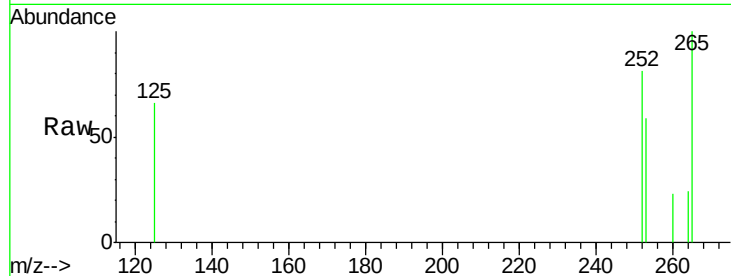
Tgt Ion:252 Resp: 220

Ion Ratio Lower Upper

252 100

253 73.3 0.0 49.0#

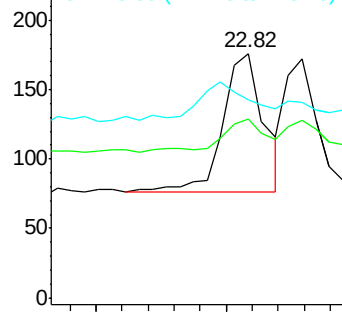
125 81.3 0.0 31.0#



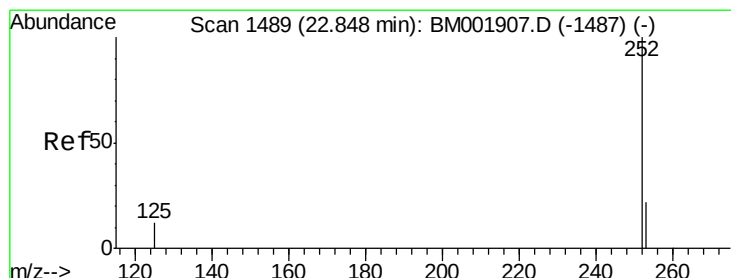
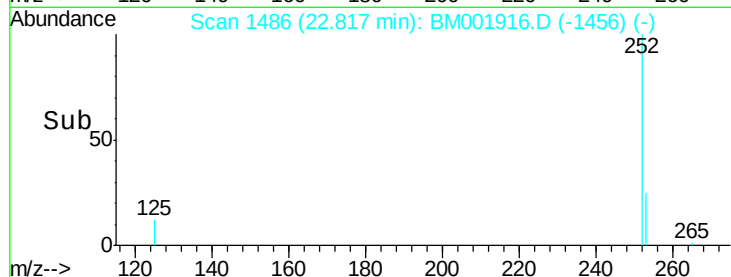
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.86 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

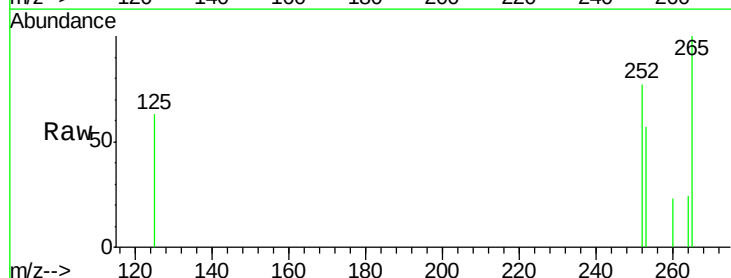
Tgt Ion:252 Resp: 183

Ion Ratio Lower Upper

252 100

253 74.4 18.7 28.1#

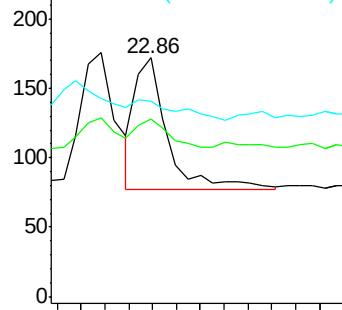
125 82.0 12.5 18.7#



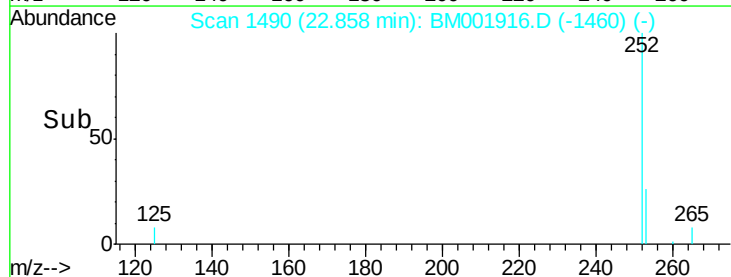
Abundance Ion 252.00 (251.70 to 252.70): E

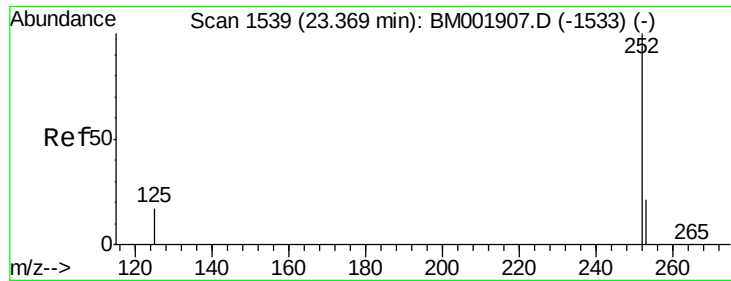
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.38 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Instrument :

BNA_M

ClientSampleId :

SBLK84

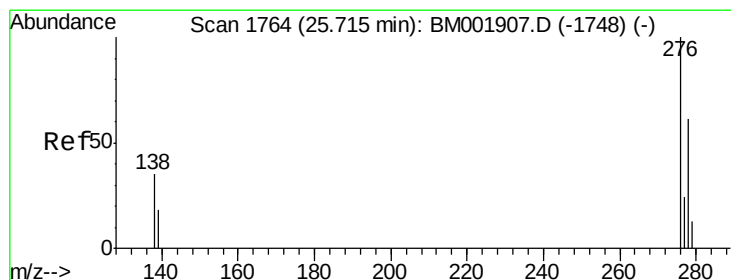
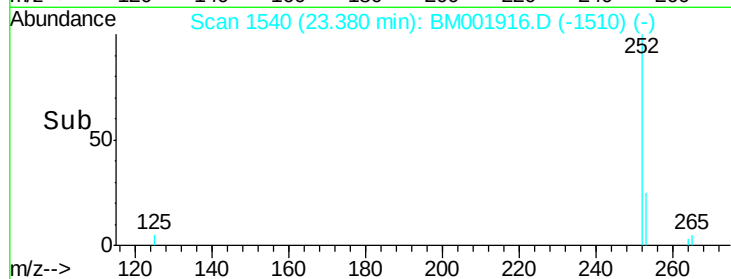
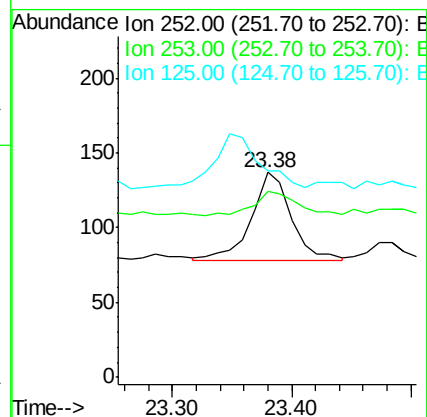
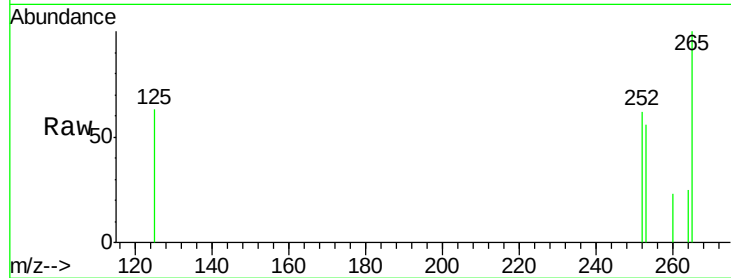
Tgt Ion: 252 Resp: 138

Ion Ratio Lower Upper

252 100

253 90.5 18.6 27.8#

125 100.7 15.4 23.2#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 25.73 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

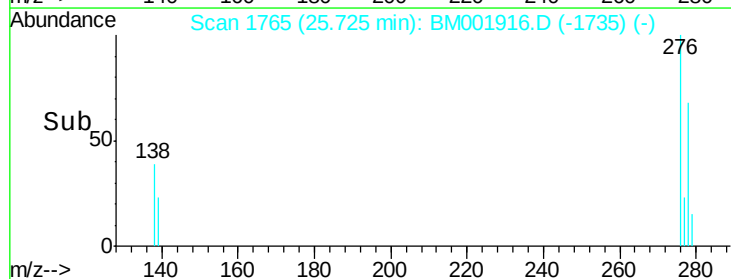
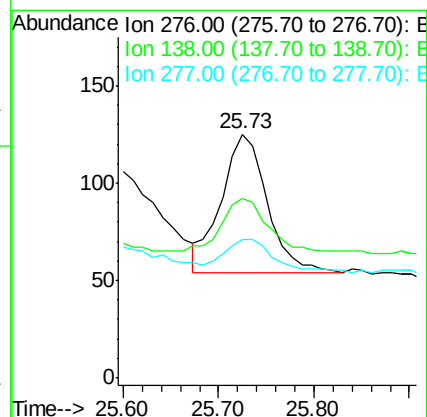
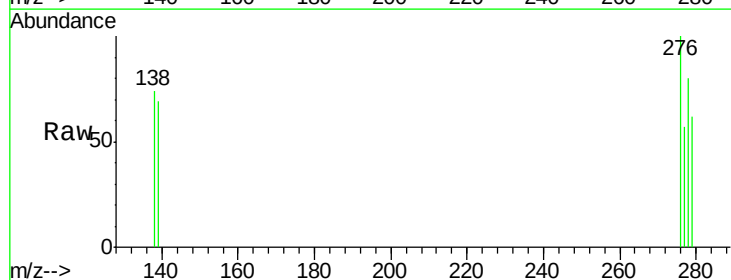
Tgt Ion: 276 Resp: 239

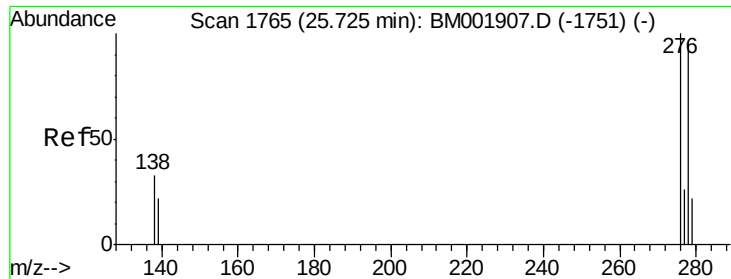
Ion Ratio Lower Upper

276 100

138 44.4 28.5 42.7#

277 26.8 19.6 29.4





#25

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 25.74 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

Instrument :

BNA_M

ClientSampleId :

SBLK84

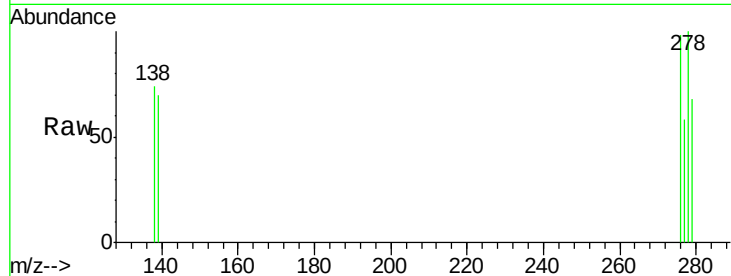
Tgt Ion: 278 Resp: 248

Ion Ratio Lower Upper

278 100

139 70.5 20.6 31.0#

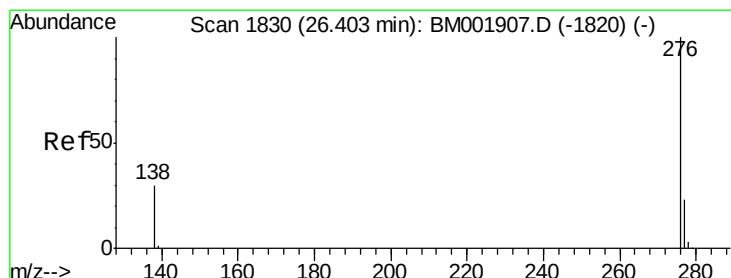
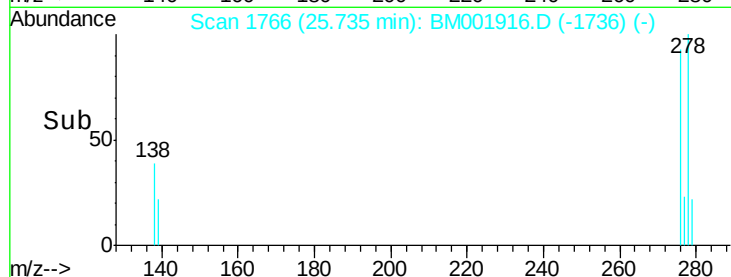
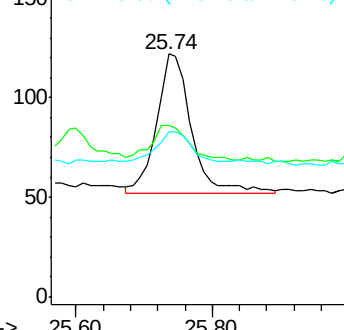
279 68.0 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.41 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BM001916.D

Acq: 14 Jul 2015 16:07

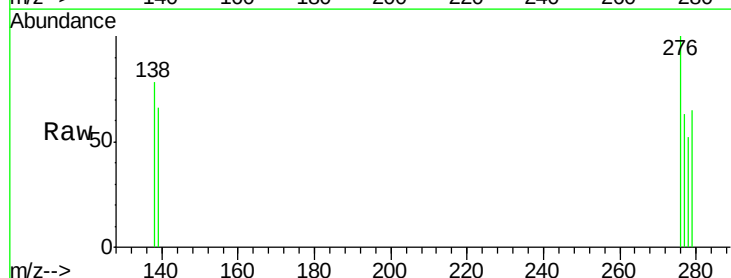
Tgt Ion: 276 Resp: 188

Ion Ratio Lower Upper

276 100

277 63.1 20.1 30.1#

138 77.7 25.5 38.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

