

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
 Data File : BM001118.D
 Acq On : 27 Apr 2015 14:15
 Operator : TP/IZ
 Sample : PB82968BL
 Misc : SBLK55
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK55

Quant Time: Apr 28 01:37:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 14:06:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	918	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	3147	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.20	164	1630	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	3615	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	3316	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	3279	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1606	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3615	0.44	ng/ul	0.00

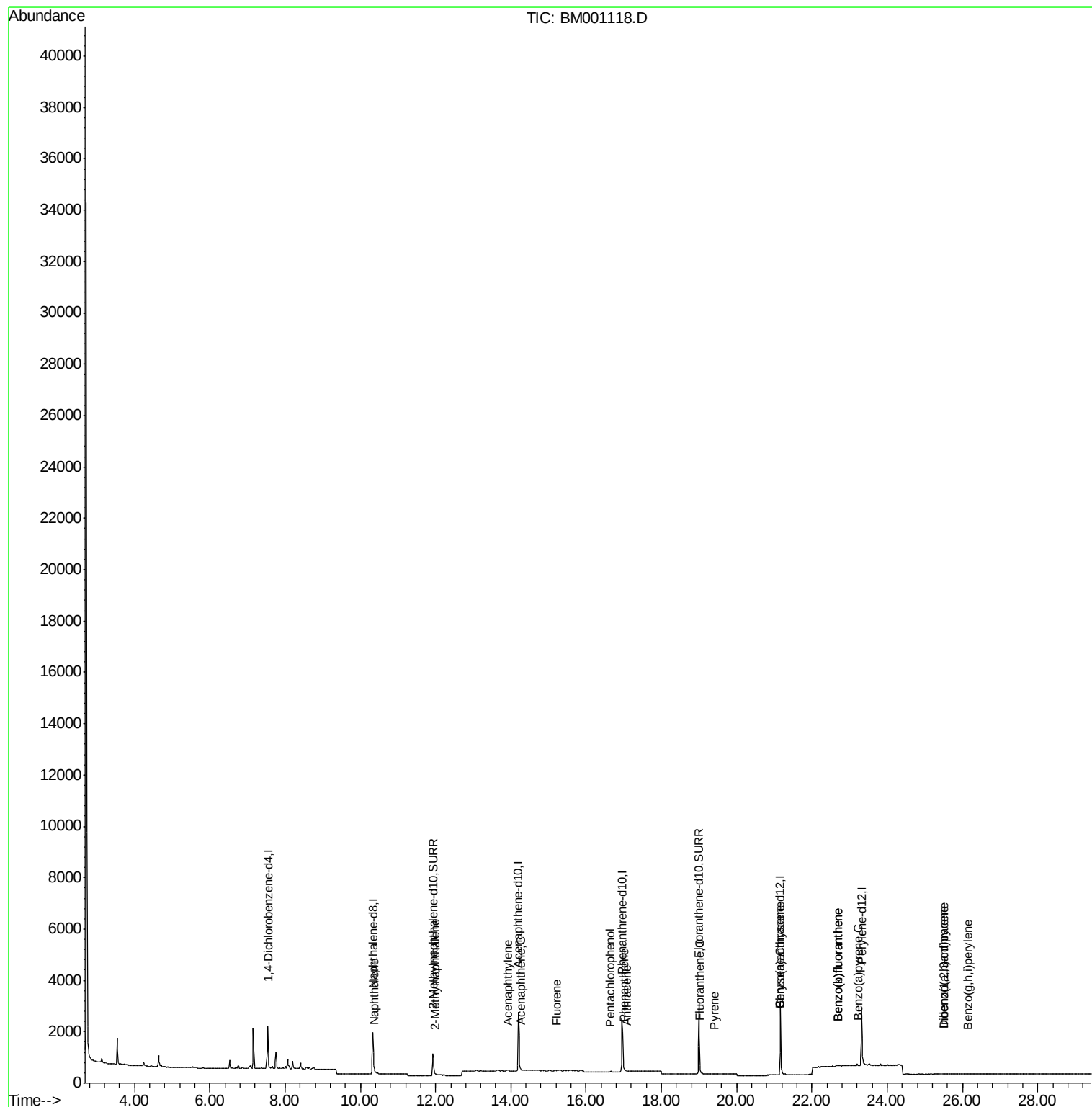
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.37	128	32	0.00	ng/ul#	1
5) 2-Methylnaphthalene	11.99	142	7	0.00	ng/ul	87
7) Acenaphthylene	13.93	152	13	0.00	ng/ul#	1
8) Acenaphthene	14.27	153	10	0.00	ng/ul#	71
9) Fluorene	15.23	166	1	0.00	ng/ul#	65
11) Pentachlorophenol	16.64	266	7	0.01	ng/ul#	73
12) Phenanthrene	17.00	178	16	0.00	ng/ul#	1
13) Anthracene	17.09	178	8	0.00	ng/ul#	1
15) Fluoranthene	19.02	202	20	0.00	ng/ul#	1
17) Pyrene	19.40	202	11	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.15	228	23	0.00	ng/ul#	1
19) Chrysene	21.15	228	23	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	22.68	252	54	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.68	252	54	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.22	252	25	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.50	276	46	0.00	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.50	278	40	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	43	0.00	ng/ul#	1

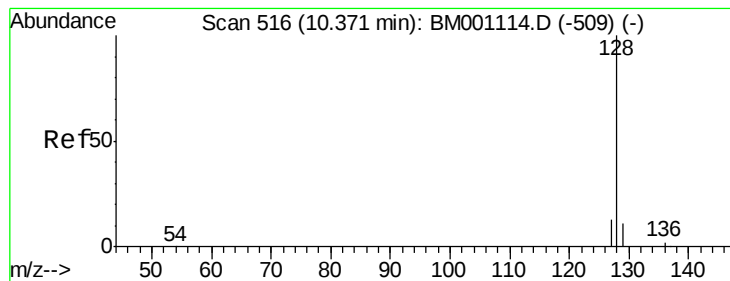
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.37 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

BNA_M

ClientSampleId :

SBLK55

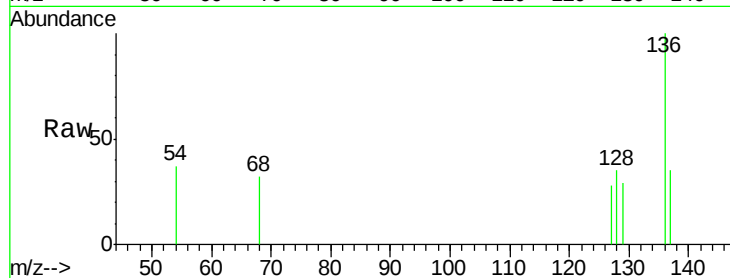
Tgt Ion:128 Resp: 32

Ion Ratio Lower Upper

128 100

129 82.5 10.2 15.4#

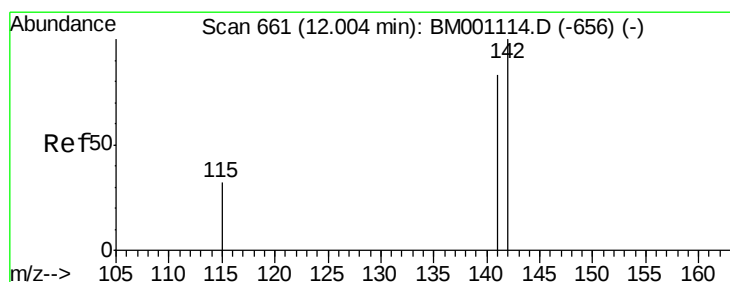
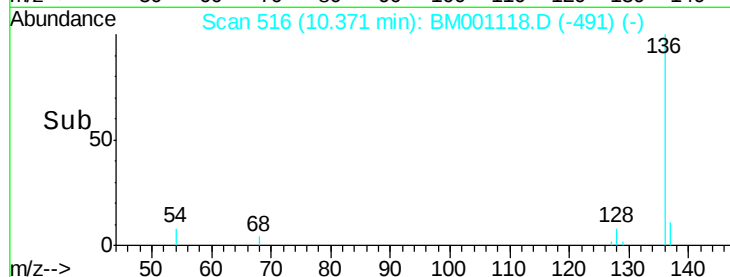
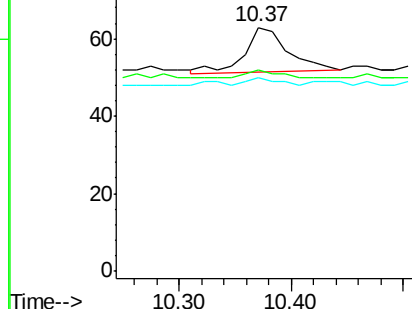
127 79.4 11.7 17.5#



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: 11.99 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM001118.D

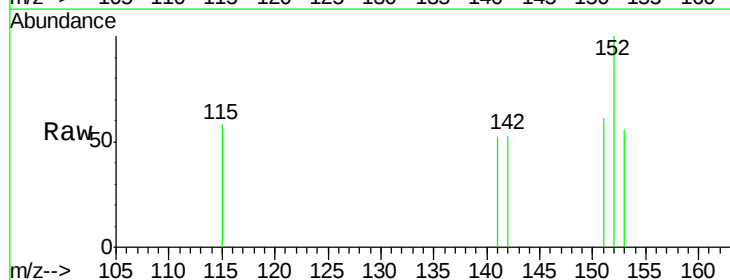
Acq: 27 Apr 2015 14:15

Tgt Ion:142 Resp: 7

Ion Ratio Lower Upper

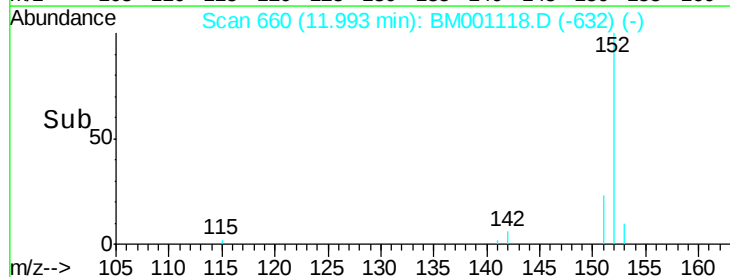
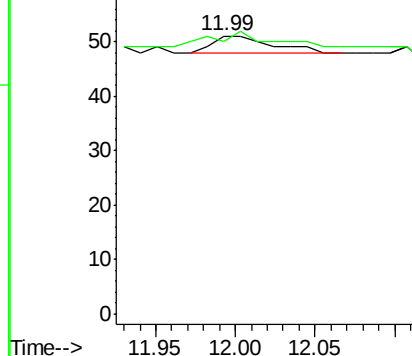
142 100

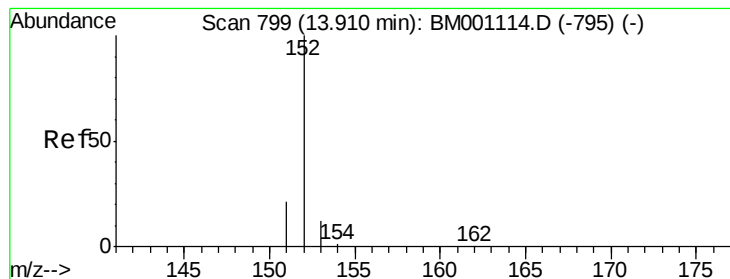
141 100.0 70.6 106.0



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: 13.93 min Scan# 800

Delta R.T. 0.02 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

BNA_M

ClientSampleId :

SBLK55

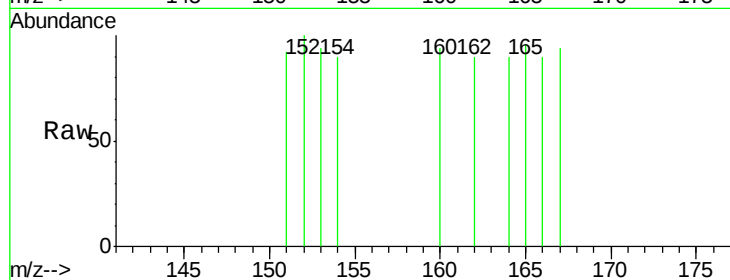
Tgt Ion:152 Resp: 13

Ion Ratio Lower Upper

152 100

151 92.3 18.7 28.1#

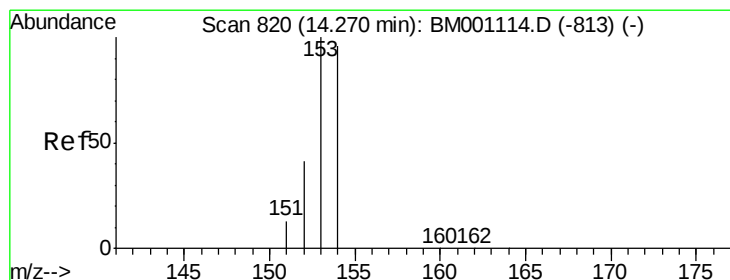
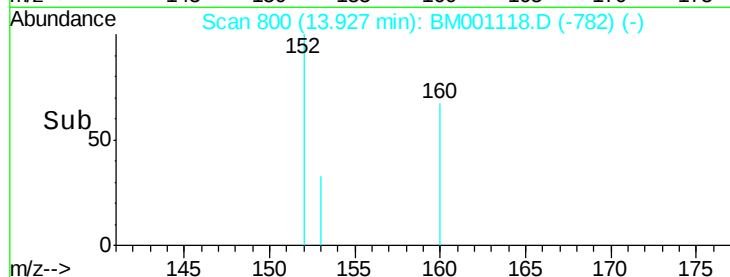
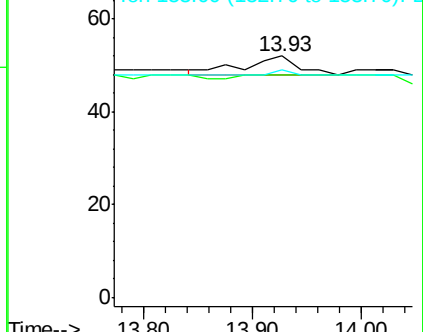
153 94.2 11.6 17.4#



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: 14.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

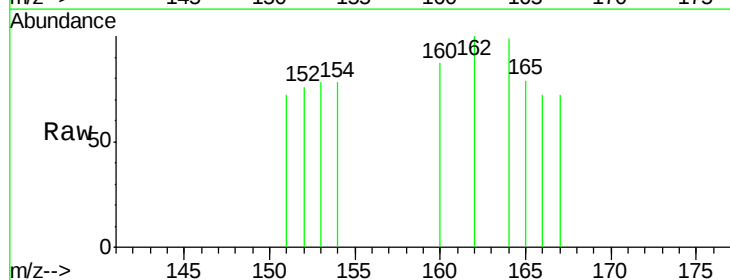
Tgt Ion:153 Resp: 10

Ion Ratio Lower Upper

153 100

152 98.1 35.1 52.7#

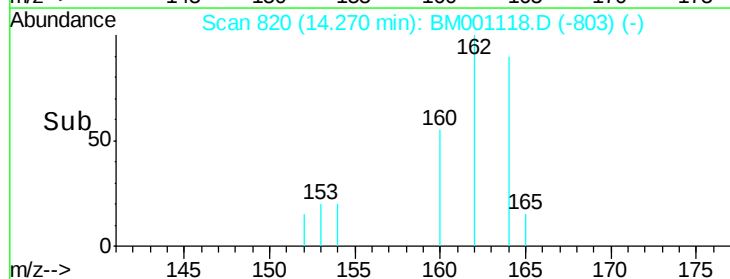
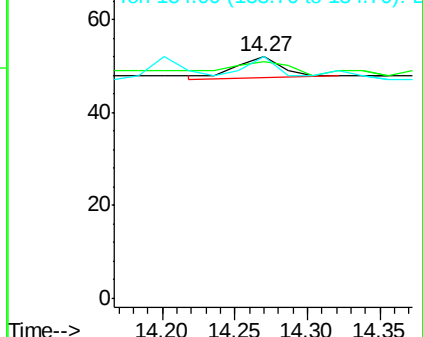
154 100.0 77.0 115.4

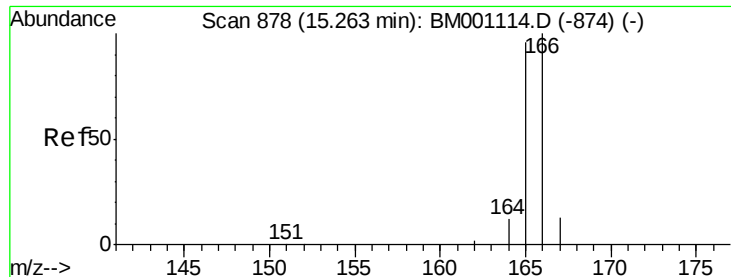


Abundance Ion 153.00 (152.70 to 153.70): E

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: 15.23 min Scan# 876

Delta R.T. -0.03 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

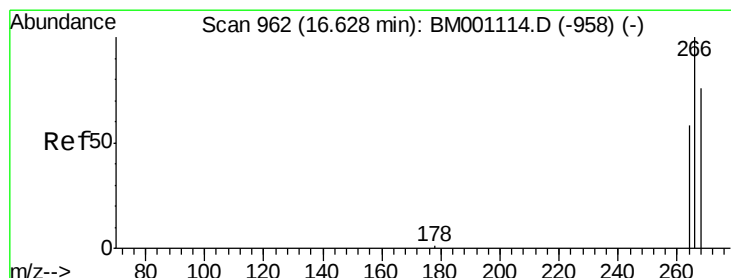
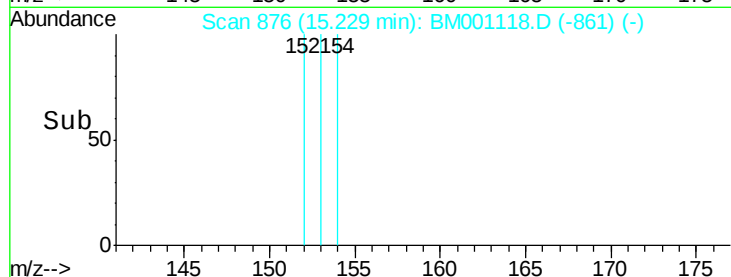
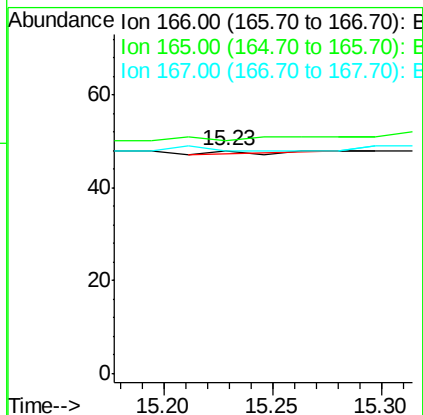
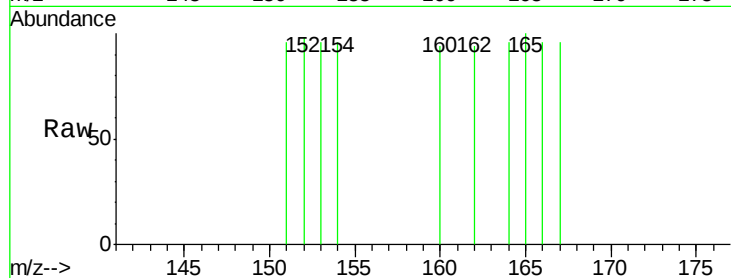
BNA_M

ClientSampleId :

SBLK55

Tgt Ion:166 Resp: 1

Ion	Ratio	Lower	Upper
166	100		
165	104.2	76.8	115.2
167	100.0	12.6	18.8#



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.64 min Scan# 963

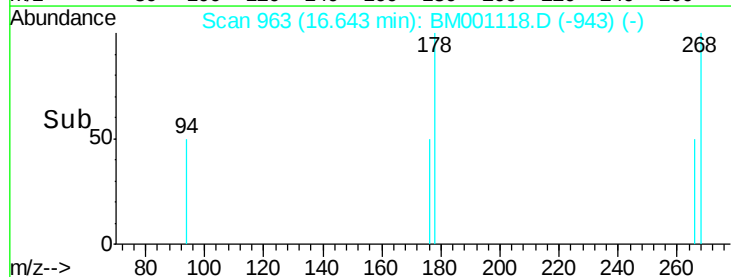
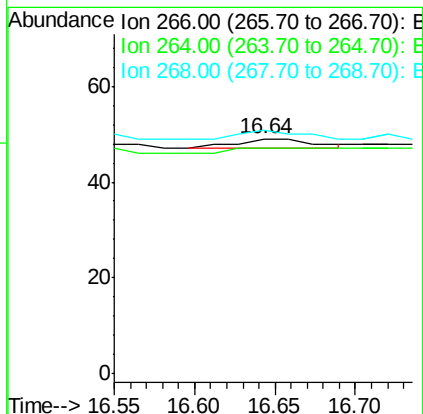
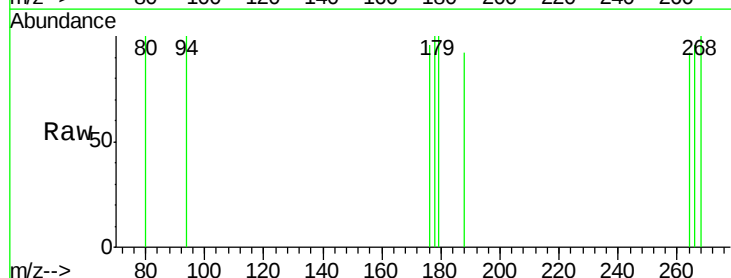
Delta R.T. 0.02 min

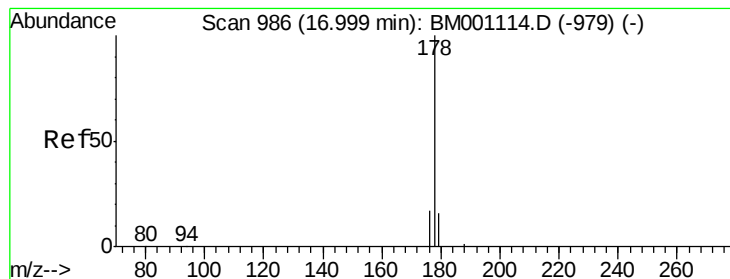
Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	100.0	51.3	76.9#
268	71.4	52.2	78.4





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.00 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

BNA_M

ClientSampleId :

SBLK55

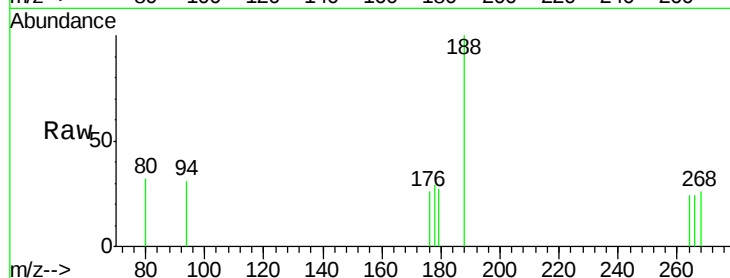
Tgt Ion:178 Resp: 16

Ion Ratio Lower Upper

178 100

176 89.3 14.9 22.3#

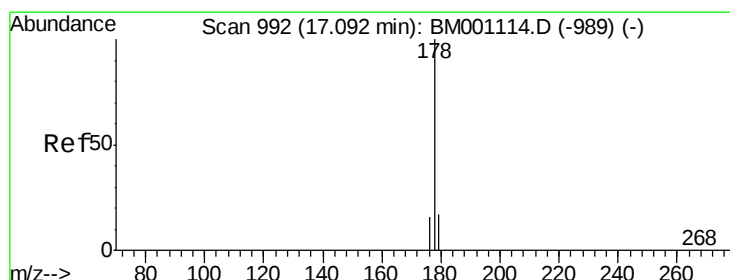
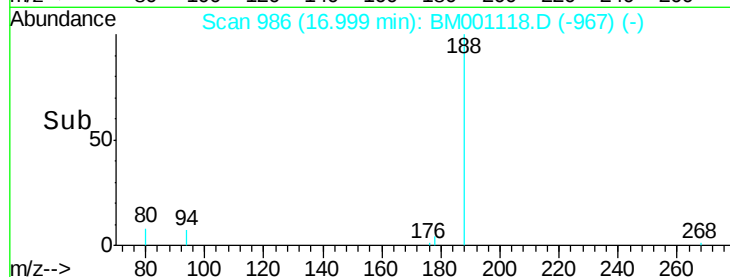
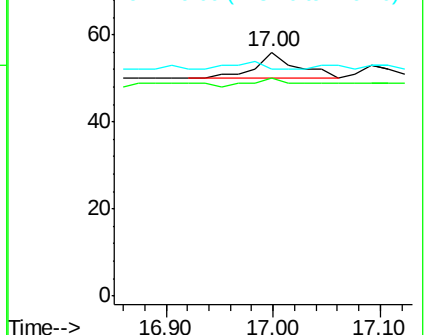
179 92.9 14.2 21.4#



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: 17.09 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

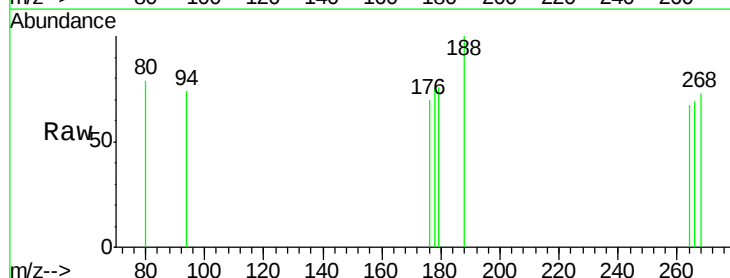
Tgt Ion:178 Resp: 8

Ion Ratio Lower Upper

178 100

176 92.5 14.7 22.1#

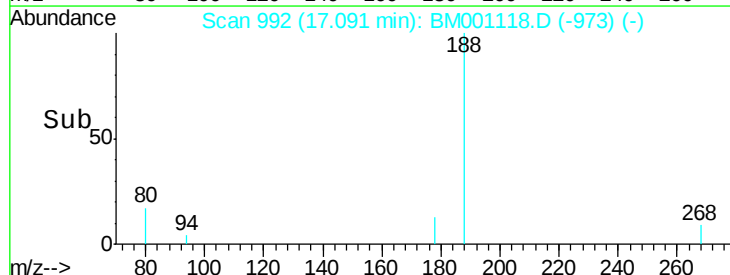
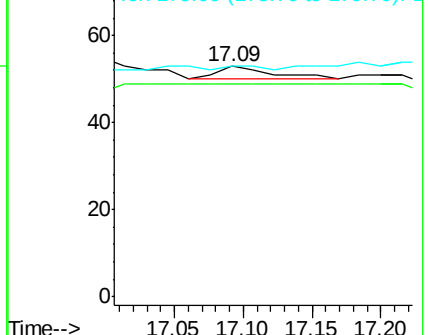
179 100.0 15.0 22.6#

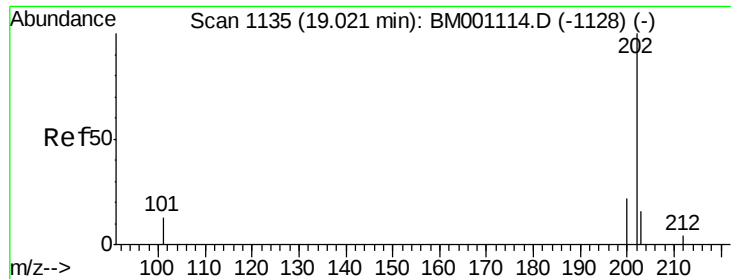


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.02 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

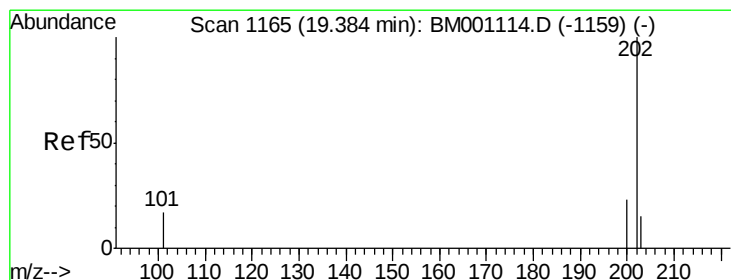
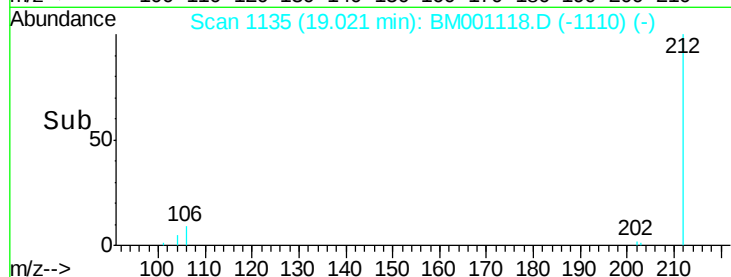
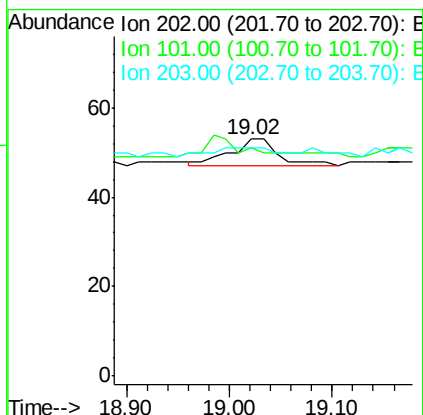
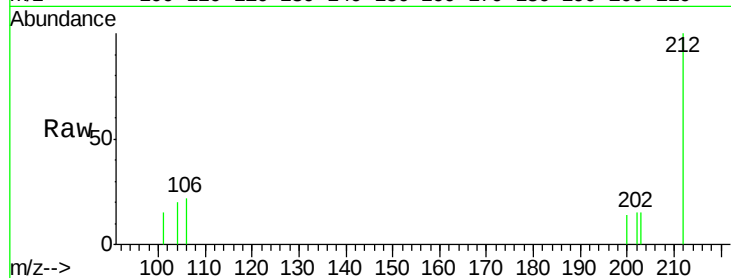
BNA_M

ClientSampleId :

SBLK55

Tgt Ion: 202 Resp: 20

Ion	Ratio	Lower	Upper
202	100		
101	96.2	0.0	33.8#
203	96.2	0.0	37.2#



#17

Pyrene

Concen: 0.00 ng/ul

RT: 19.40 min Scan# 1166

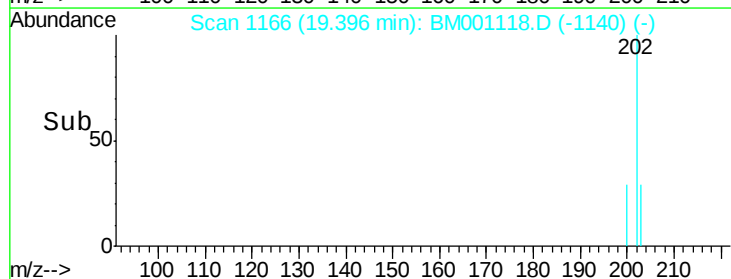
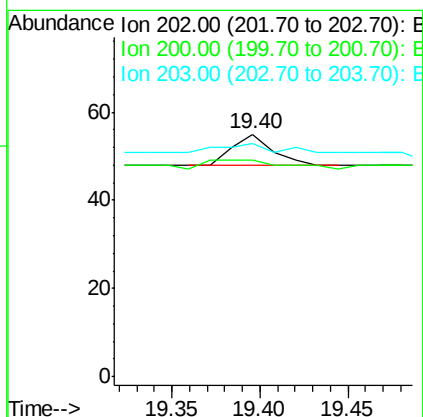
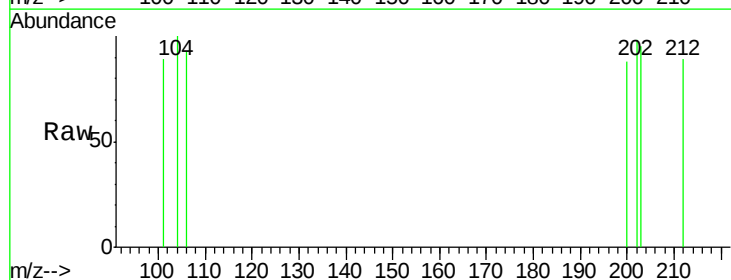
Delta R.T. 0.01 min

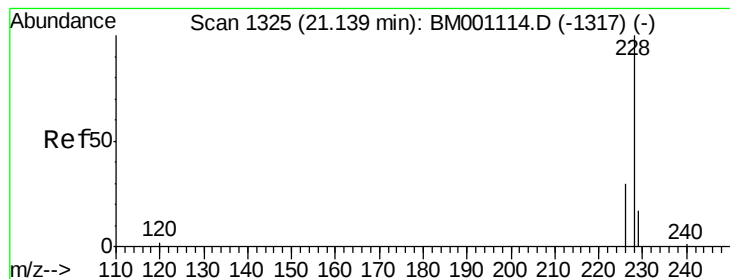
Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Tgt Ion: 202 Resp: 11

Ion	Ratio	Lower	Upper
202	100		
200	89.1	19.2	28.8#
203	96.4	13.2	19.8#





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.15 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

BNA_M

ClientSampleId :

SBLK55

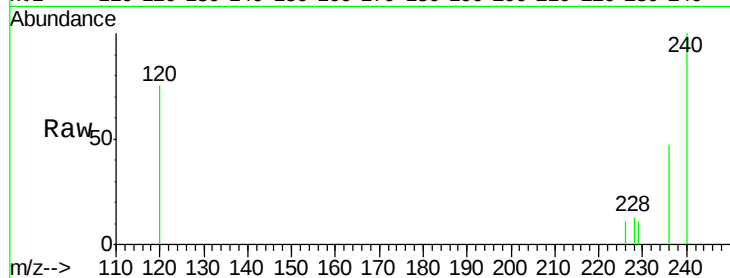
Tgt Ion:228 Resp: 23

Ion Ratio Lower Upper

228 100

226 83.6 24.4 36.6#

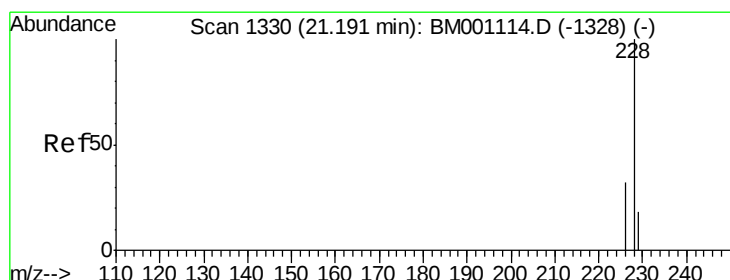
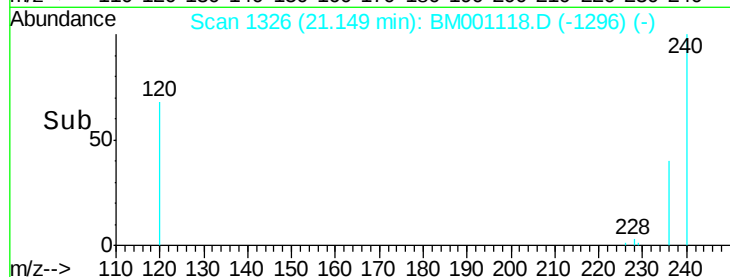
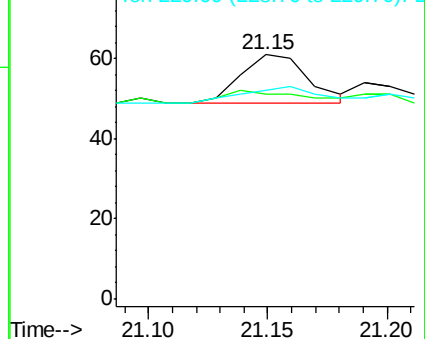
229 85.2 15.0 22.4#



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: 0.00 ng/ul

RT: 21.15 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

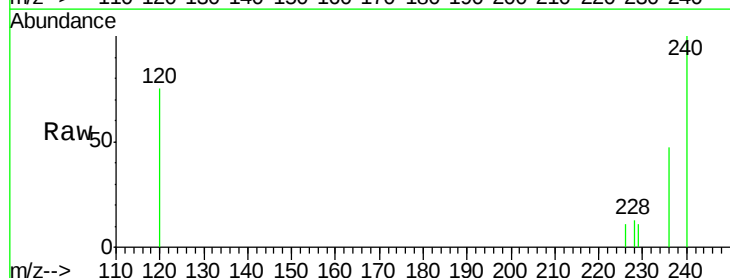
Tgt Ion:228 Resp: 23

Ion Ratio Lower Upper

228 100

226 83.6 26.0 39.0#

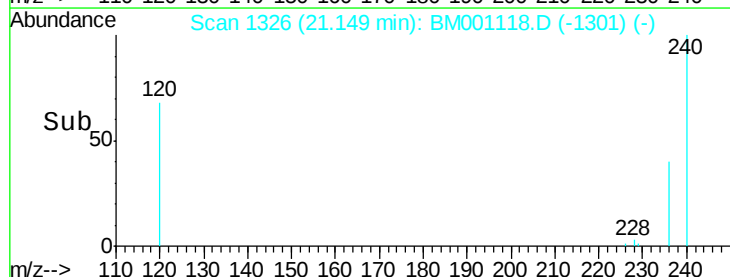
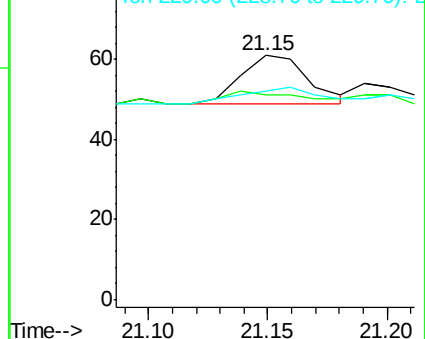
229 85.2 15.2 22.8#

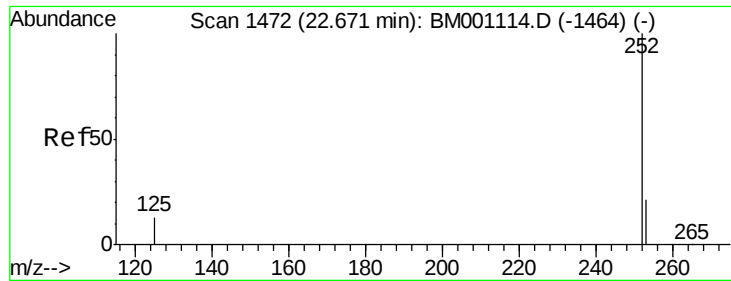


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.68 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

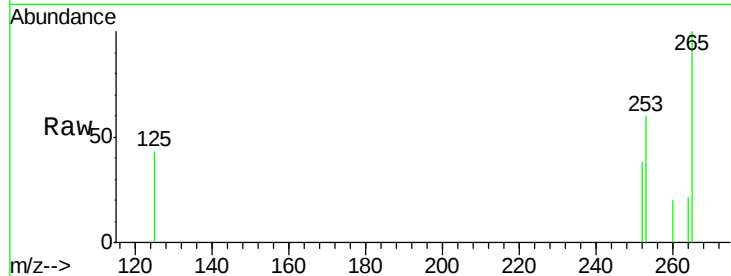
Instrument :

BNA_M

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SBLK55

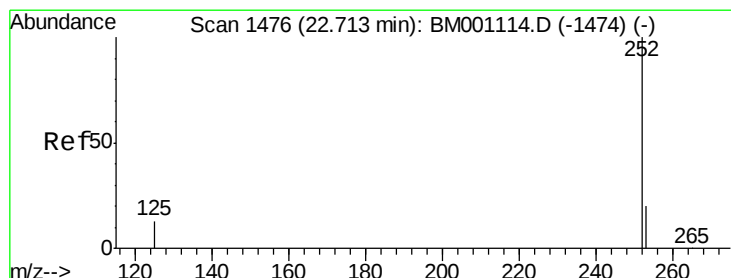
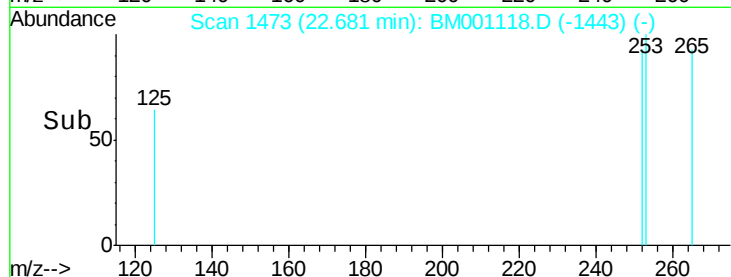
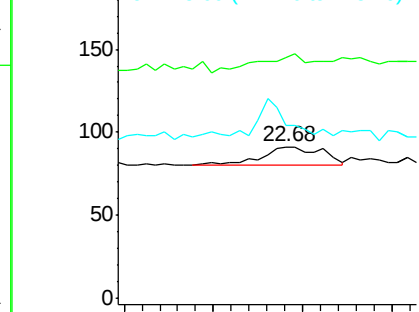
Tgt Ion	Ratio	Lower	Upper
252	100		
253	159.3	0.0	49.8#
125	114.3	0.0	31.6#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

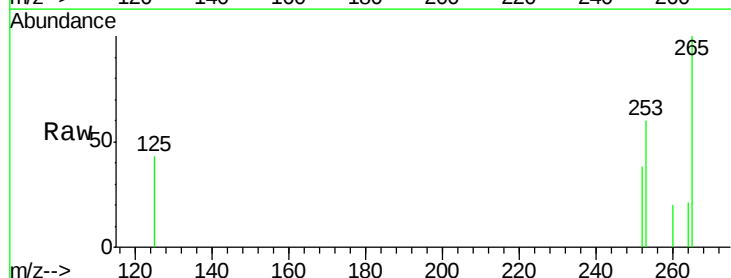
RT: 22.68 min Scan# 1473

Delta R.T. -0.03 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

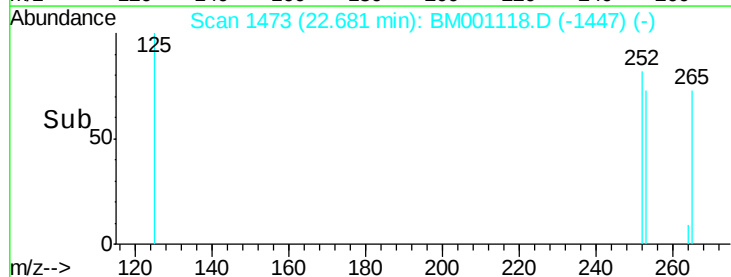
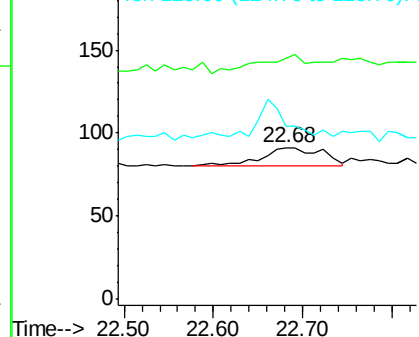
Tgt Ion	Ratio	Lower	Upper
252	100		
253	159.3	20.3	30.5#
125	114.3	12.6	19.0#

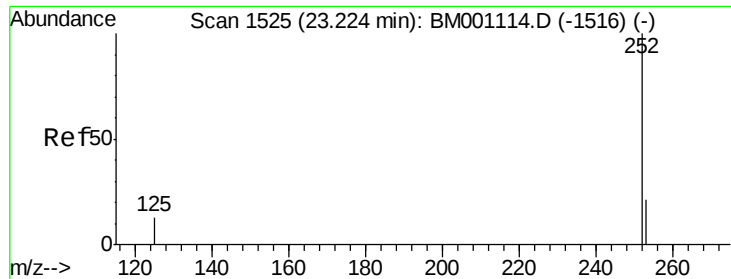


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.22 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

Instrument :

BNA_M

ClientSampleId :

SBLK55

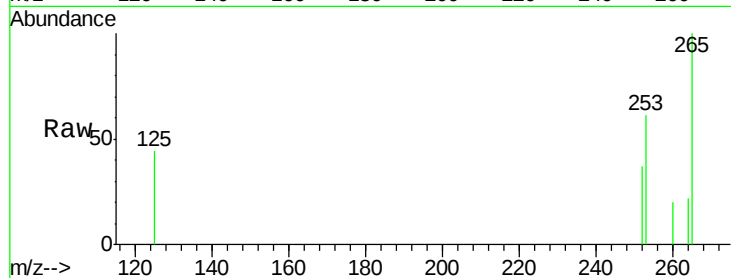
Tgt Ion:252 Resp: 25

Ion Ratio Lower Upper

252 100

253 163.0 21.4 32.0#

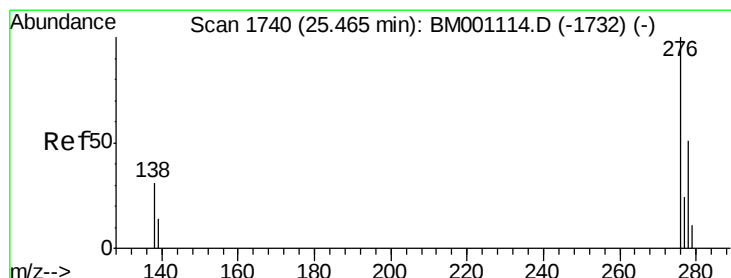
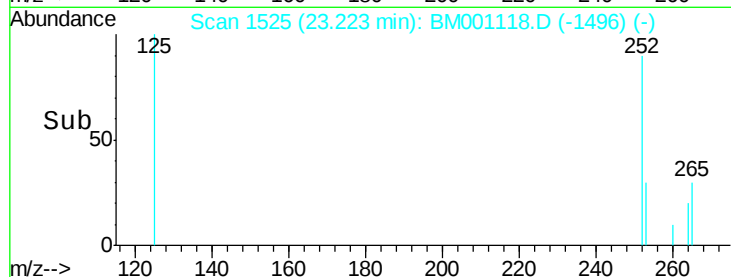
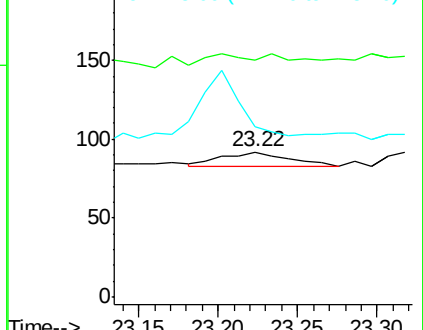
125 117.4 13.8 20.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.50 min Scan# 1743

Delta R.T. 0.03 min

Lab File: BM001118.D

Acq: 27 Apr 2015 14:15

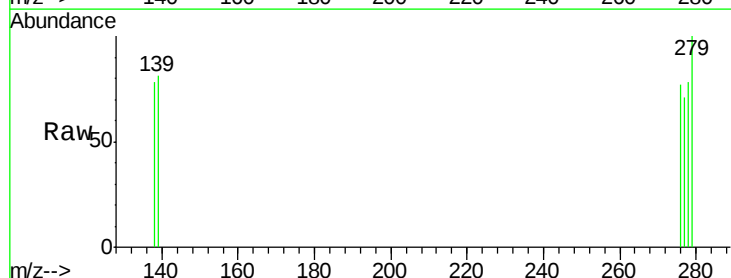
Tgt Ion:276 Resp: 46

Ion Ratio Lower Upper

276 100

138 37.0 25.0 37.4

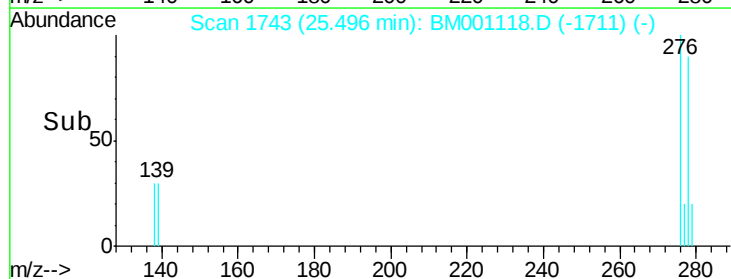
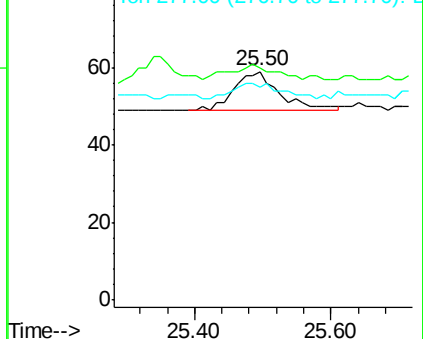
277 0.0 19.9 29.9#

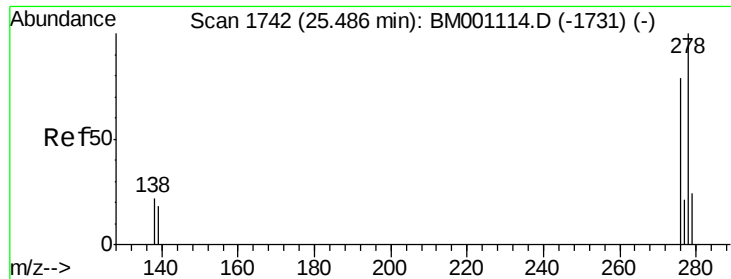


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

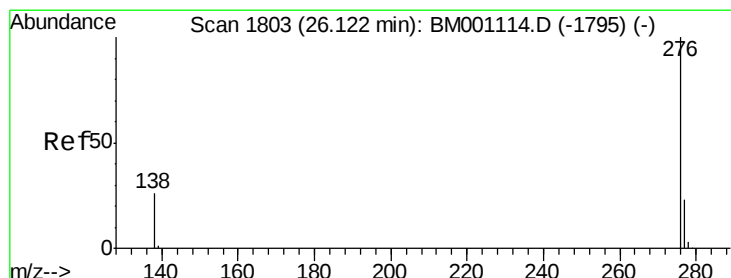
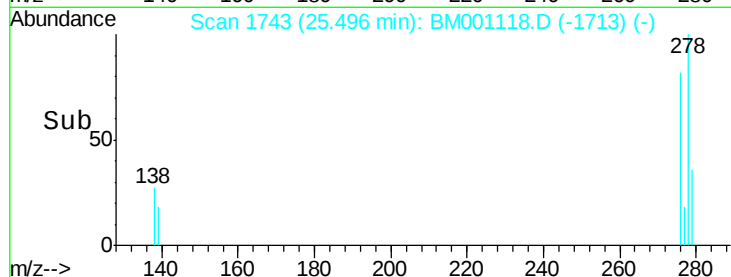
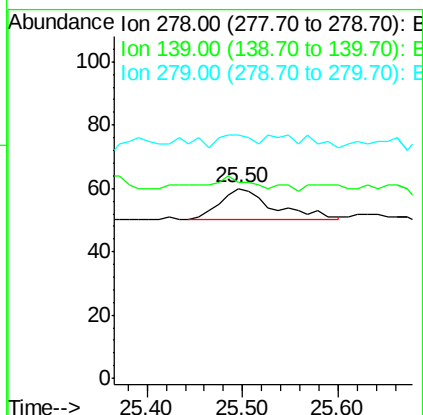
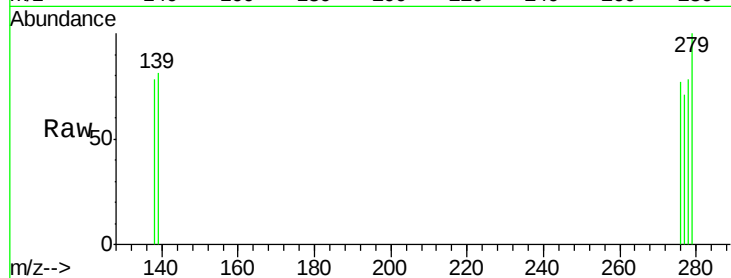




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.50 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BM001118.D
Acq: 27 Apr 2015 14:15

Instrument :
BNA_M
ClientSampleId :
SBLK55

Tgt Ion: 278 Resp: 40
Ion Ratio Lower Upper
278 100
139 103.3 17.3 25.9#
279 128.3 22.2 33.4#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.14 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BM001118.D
Acq: 27 Apr 2015 14:15

Tgt Ion: 276 Resp: 43
Ion Ratio Lower Upper
276 100
277 91.5 20.5 30.7#
138 101.7 23.5 35.3#

