

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032015\
 Data File : BM000741.D
 Acq On : 20 Mar 2015 14:46
 Operator : TP/IZ
 Sample : PB82204BL
 Misc : SBLK38
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK38

Quant Time: Mar 21 03:13:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:02:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2293	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	7530	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	4413	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7535	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	5927	0.40	ng/ul	0.01
20) Perylene-d12	23.42	264	5449	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3135	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5655	0.38	ng/ul	0.01

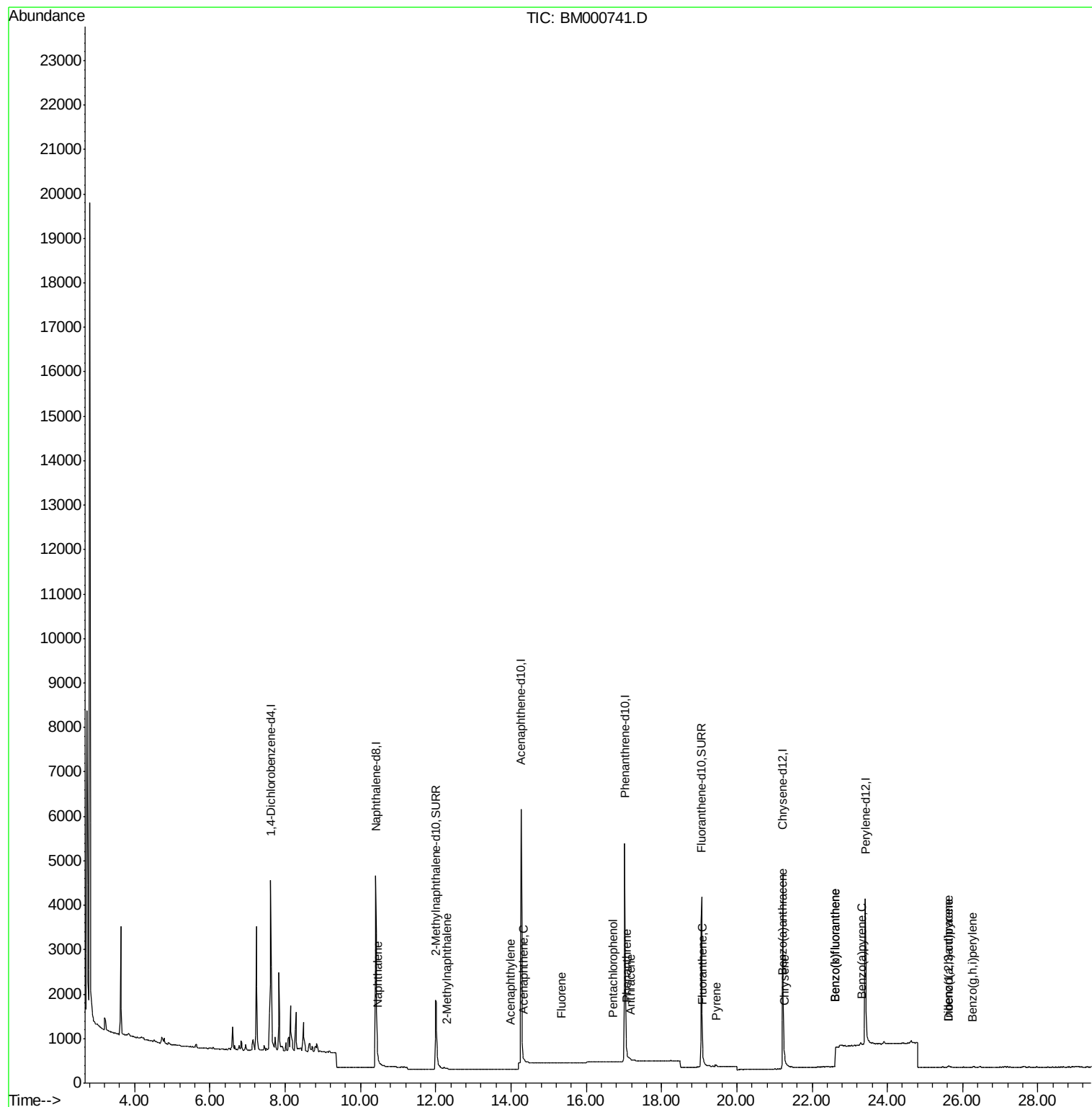
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	26	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.31	142	5	0.00	ng/ul	91
7) Acenaphthylene	14.00	152	7	0.00	ng/ul#	1
8) Acenaphthene	14.33	153	6	0.00	ng/ul#	66
9) Fluorene	15.34	166	17	0.00	ng/ul#	42
11) Pentachlorophenol	16.71	266	3	0.00	ng/ul#	1
12) Phenanthrene	17.07	178	36	0.00	ng/ul#	1
13) Anthracene	17.18	178	25	0.00	ng/ul#	1
15) Fluoranthene	19.09	202	46	0.00	ng/ul#	1
17) Pyrene	19.45	202	42	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.21	228	47	0.00	ng/ul#	1
19) Chrysene	21.26	228	34	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	22.62	252	417	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.62	252	417	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	52	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.63	276	59	0.00	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.63	278	58	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.27	276	59	0.00	ng/ul#	1

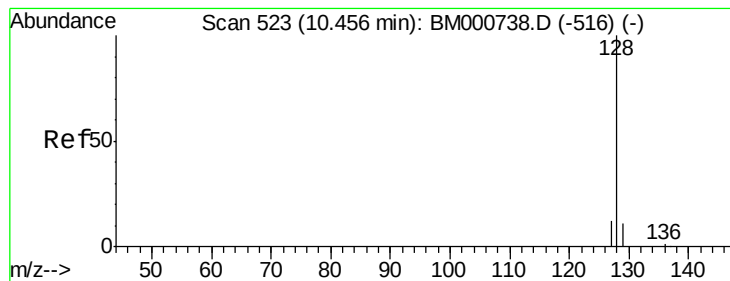
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.46 min Scan# 523

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

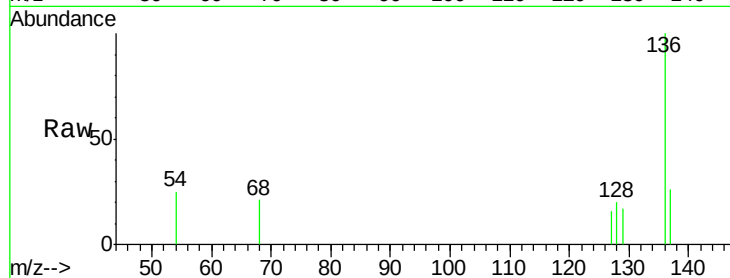
Tgt Ion:128 Resp: 26

Ion Ratio Lower Upper

128 100

129 83.6 9.3 13.9#

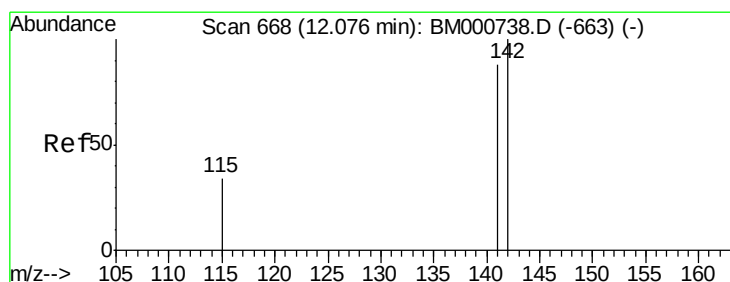
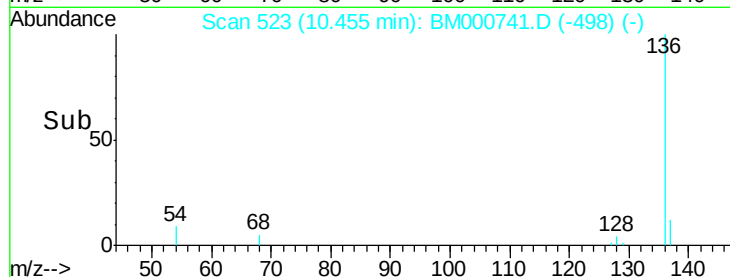
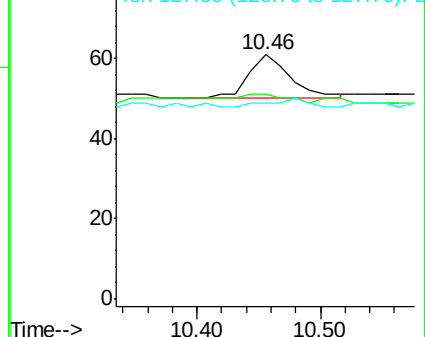
127 80.3 10.2 15.4#



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: 12.31 min Scan# 690

Delta R.T. 0.23 min

Lab File: BM000741.D

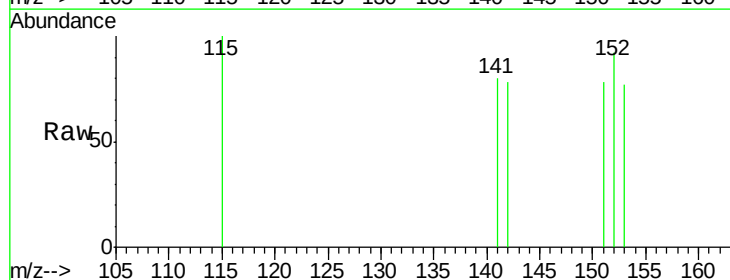
Acq: 20 Mar 2015 14:46

Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

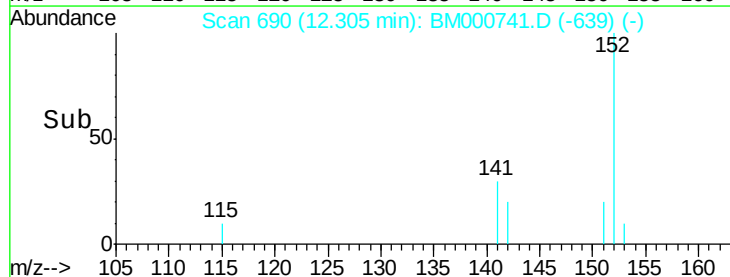
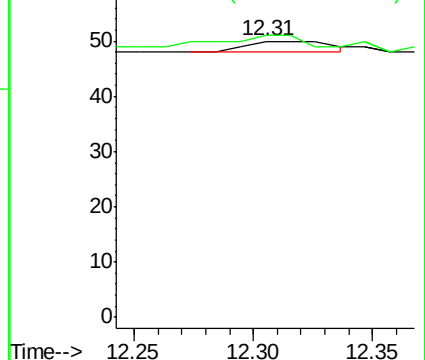
142 100

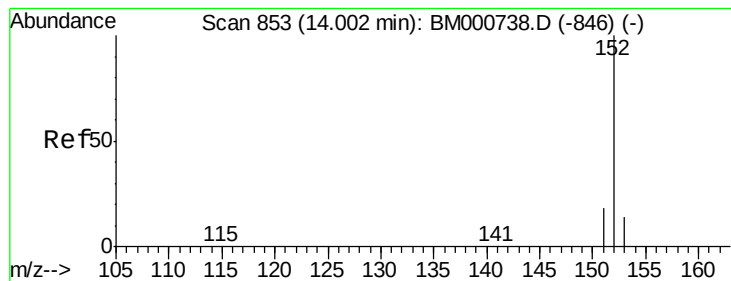
141 80.0 70.6 106.0



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: 14.00 min Scan# 853

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

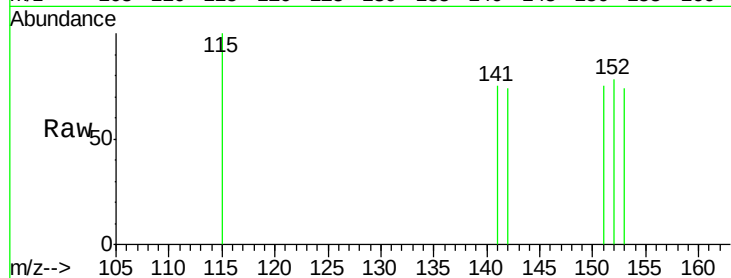
Tgt Ion:152 Resp: 7

Ion Ratio Lower Upper

152 100

151 96.1 15.2 22.8#

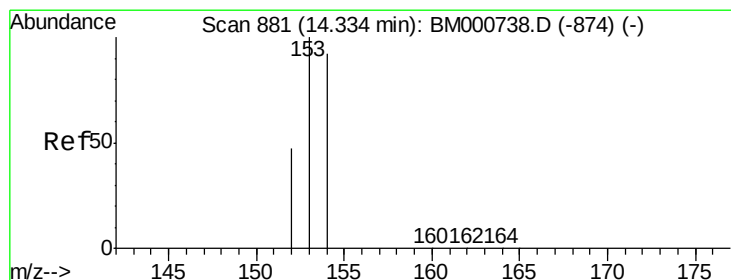
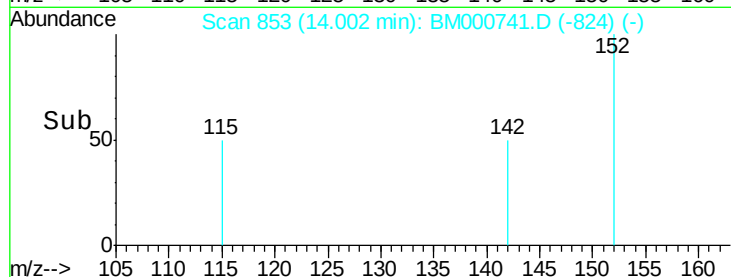
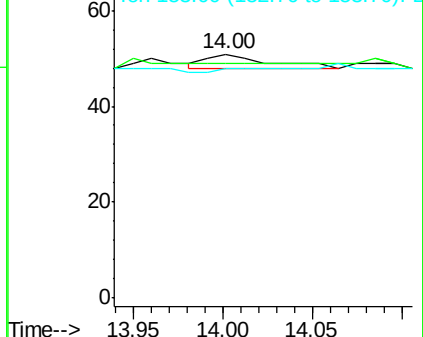
153 94.1 11.2 16.8#



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: 14.33 min Scan# 881

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

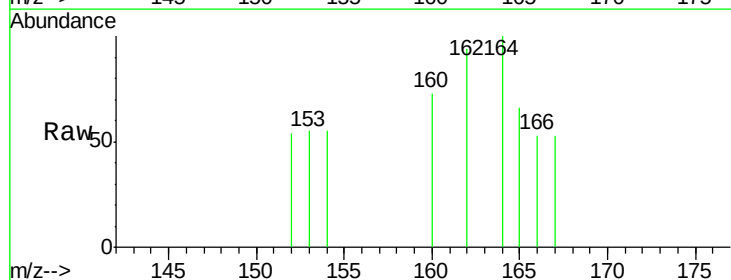
Tgt Ion:153 Resp: 6

Ion Ratio Lower Upper

153 100

152 98.0 37.8 56.6#

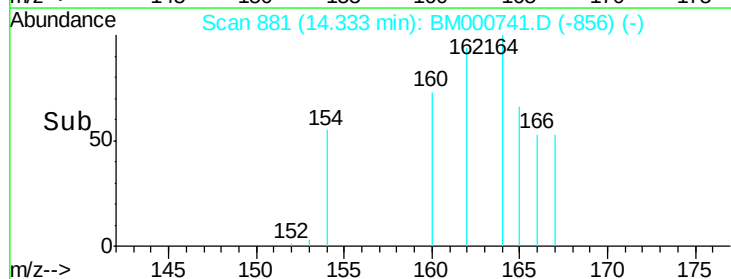
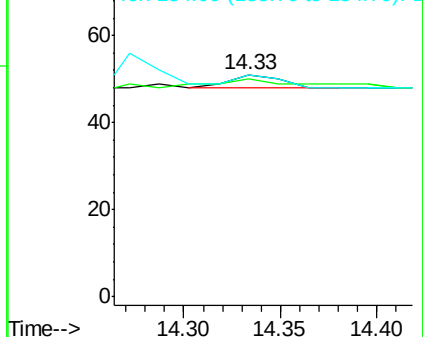
154 100.0 71.0 106.6

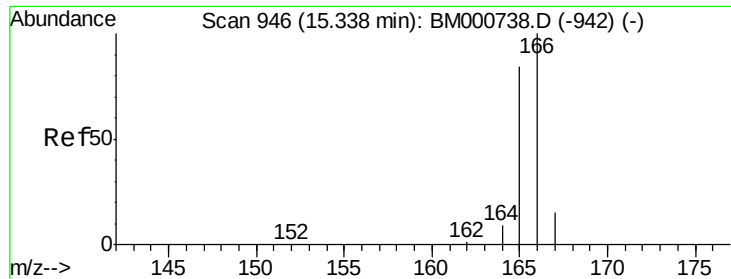


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

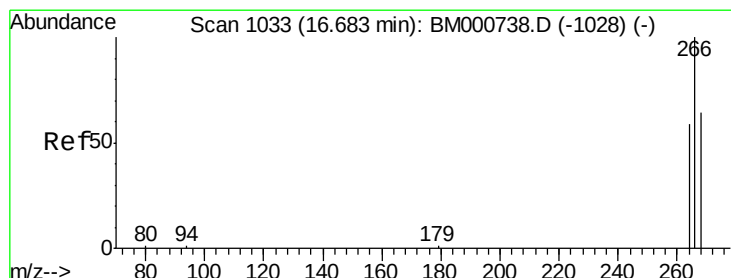
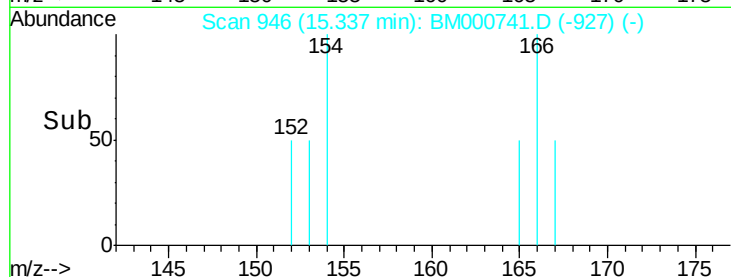
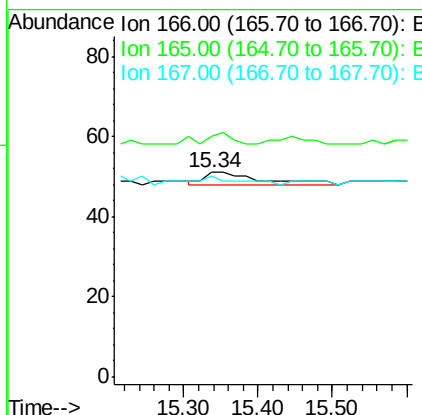
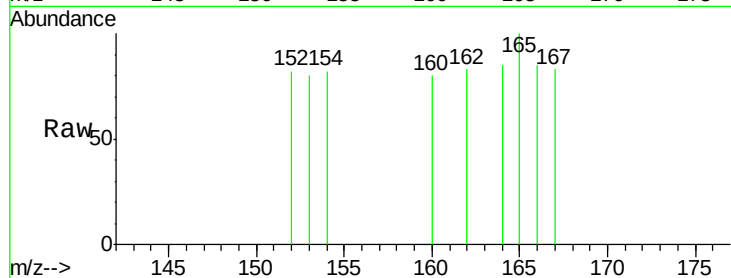




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.34 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BM000741.D
 Acq: 20 Mar 2015 14:46

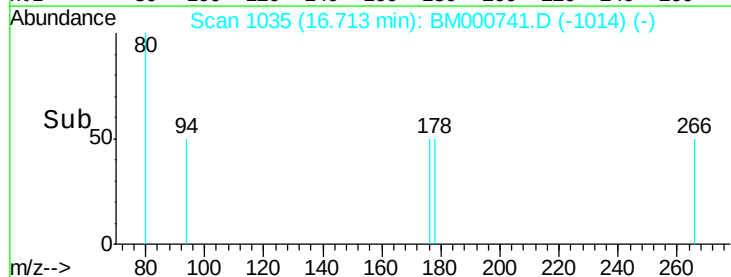
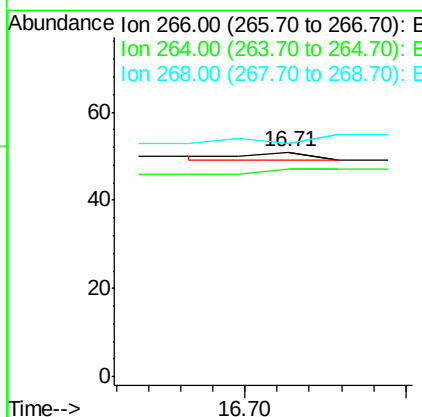
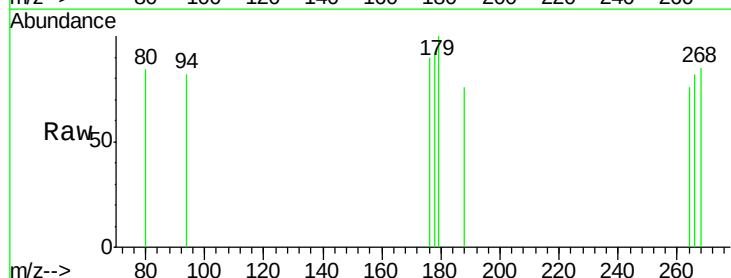
Instrument :
 BNA_M
 ClientSampleId :
 SBLK38

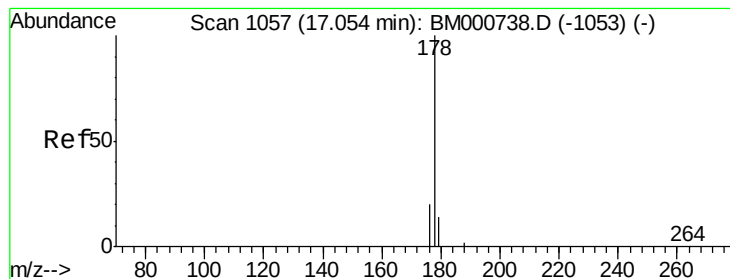
Tgt Ion:166 Resp: 17
 Ion Ratio Lower Upper
 166 100
 165 117.6 69.8 104.6#
 167 98.0 12.5 18.7#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.71 min Scan# 1035
 Delta R.T. 0.03 min
 Lab File: BM000741.D
 Acq: 20 Mar 2015 14:46

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 100.0 47.8 71.8#
 268 266.7 51.7 77.5#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.07 min Scan# 1058

Delta R.T. 0.02 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

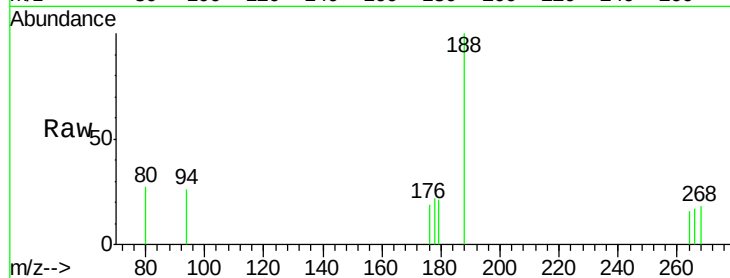
Tgt Ion:178 Resp: 36

Ion Ratio Lower Upper

178 100

176 86.6 17.4 26.0#

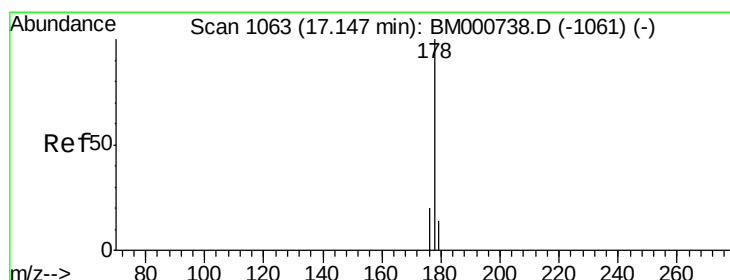
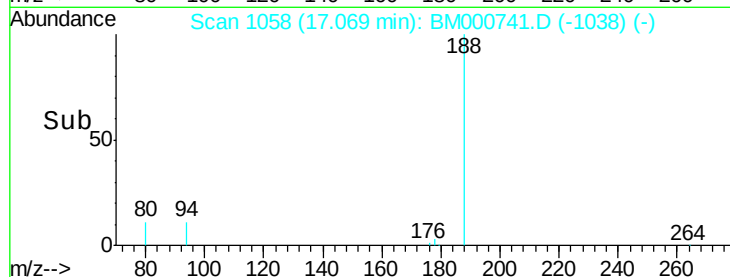
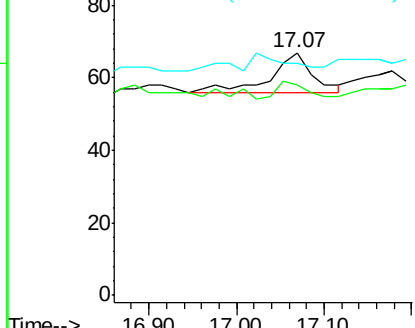
179 95.5 11.5 17.3#



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# 1065

Delta R.T. 0.03 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

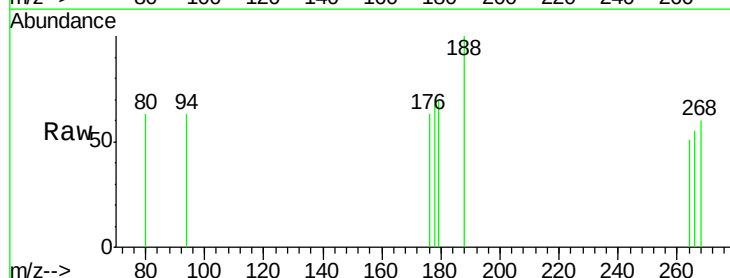
Tgt Ion:178 Resp: 25

Ion Ratio Lower Upper

178 100

176 91.9 16.7 25.1#

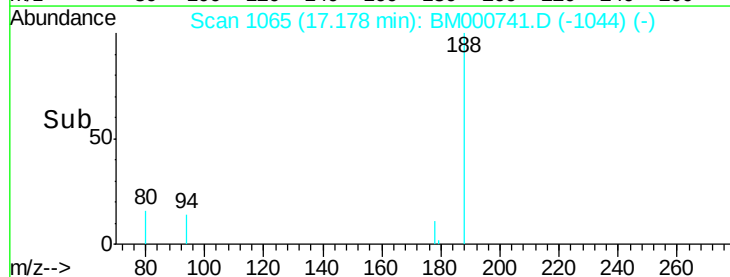
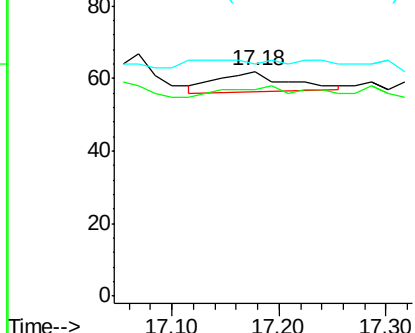
179 103.2 12.0 18.0#

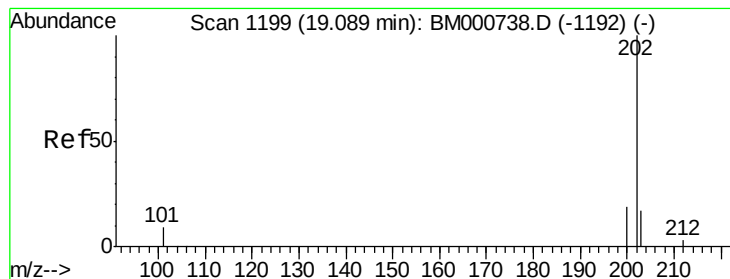


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.09 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

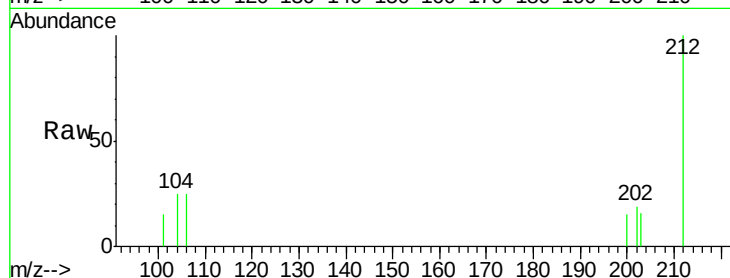
Tgt Ion:202 Resp: 46

Ion Ratio Lower Upper

202 100

101 80.6 0.0 29.8#

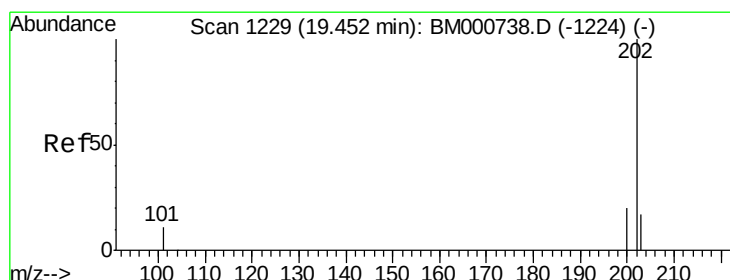
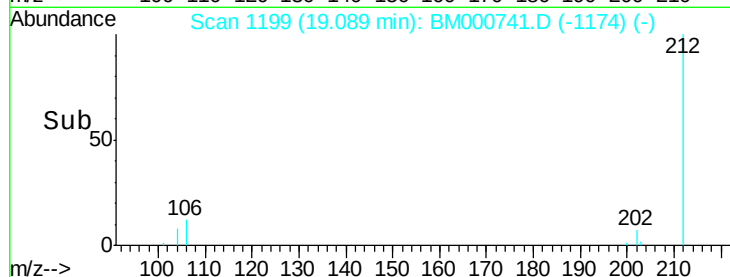
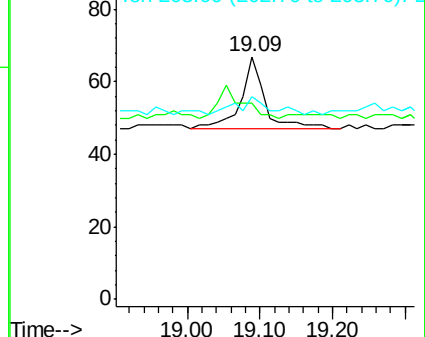
203 83.6 0.0 37.7#



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: 0.00 ng/ul

RT: 19.45 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

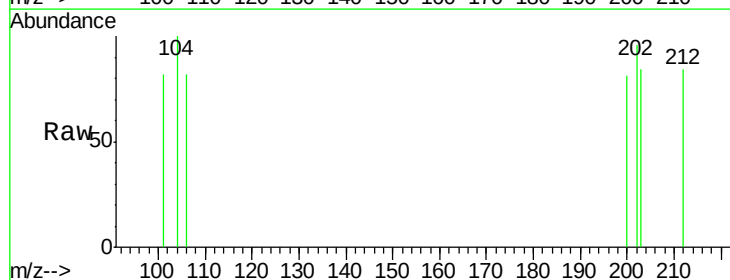
Tgt Ion:202 Resp: 42

Ion Ratio Lower Upper

202 100

200 84.4 16.3 24.5#

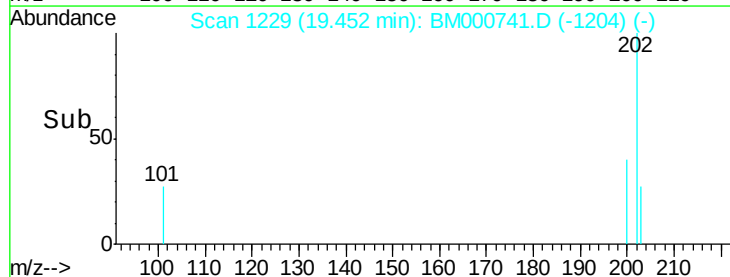
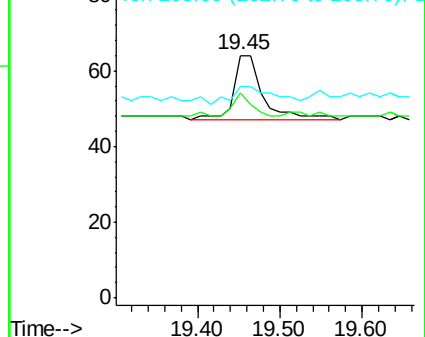
203 87.5 13.9 20.9#

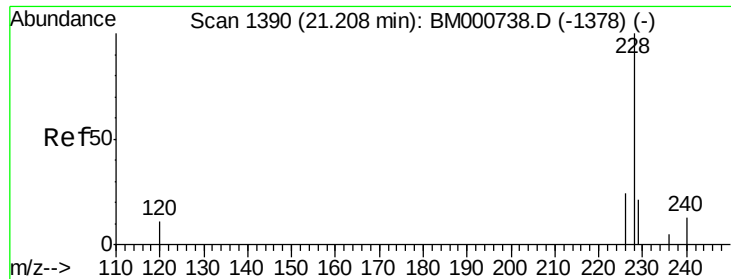


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.21 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

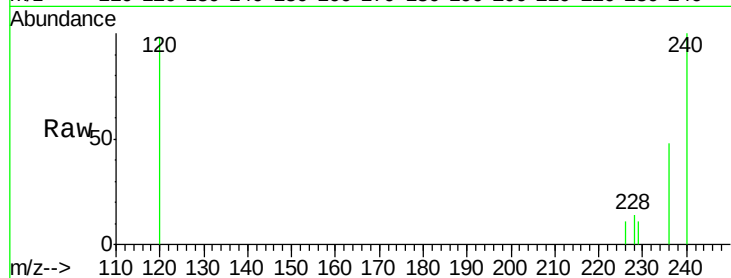
Tgt Ion:228 Resp: 47

Ion Ratio Lower Upper

228 100

226 77.9 23.7 35.5#

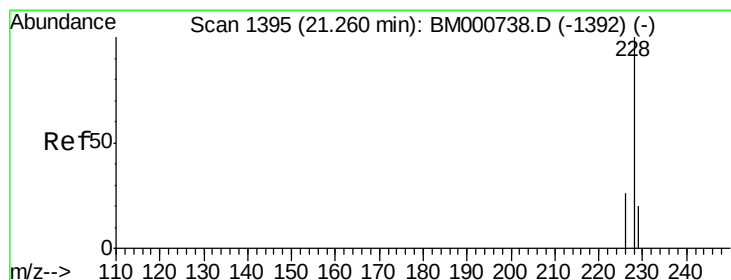
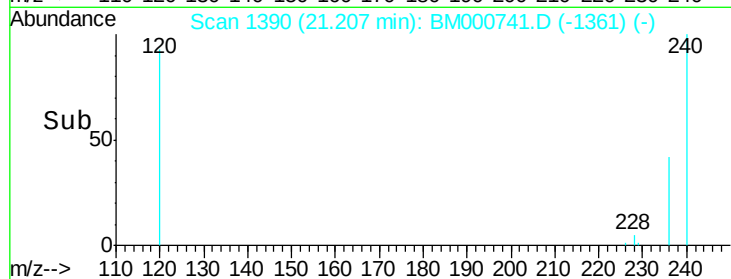
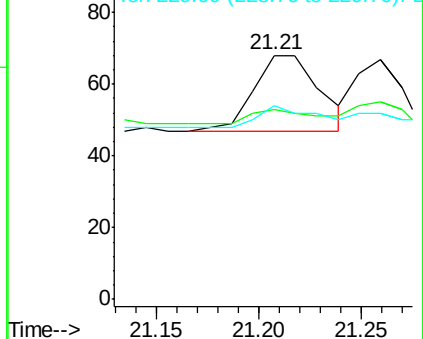
229 79.4 14.2 21.2#



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



#19

Chrysene

Concen: 0.00 ng/ul

RT: 21.26 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

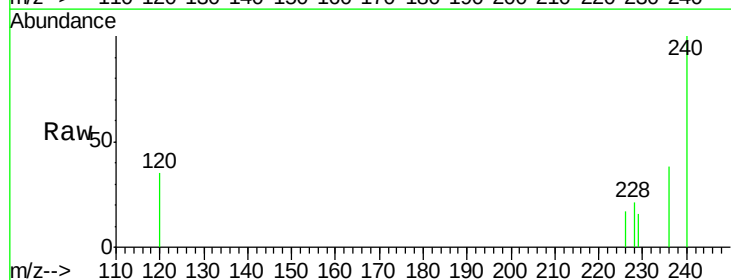
Tgt Ion:228 Resp: 34

Ion Ratio Lower Upper

228 100

226 82.1 26.1 39.1#

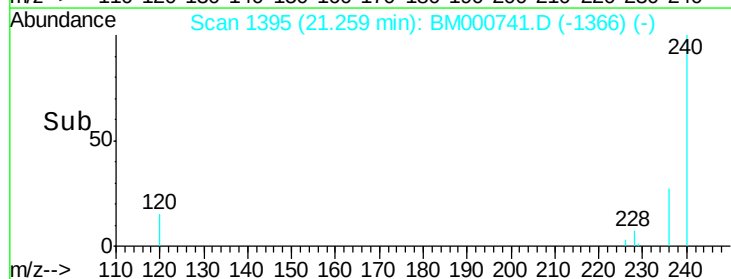
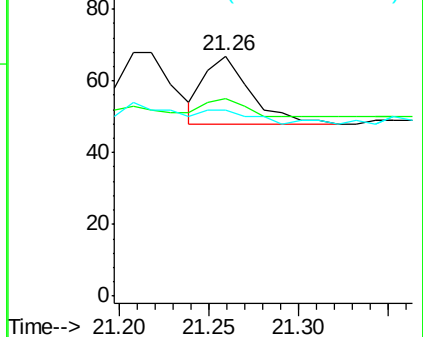
229 77.6 13.9 20.9#

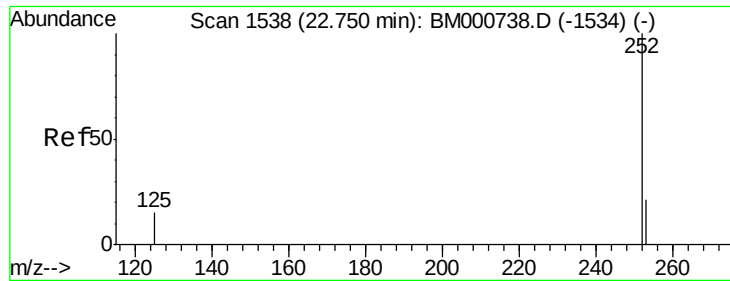


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.62 min Scan# 1526

Delta R.T. -0.13 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

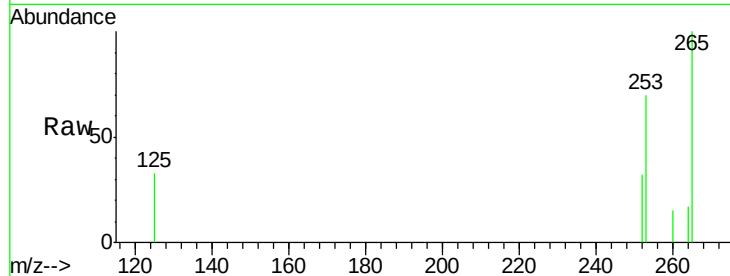
Tgt Ion: 252 Resp: 417

Ion Ratio Lower Upper

252 100

253 216.3 0.0 49.2#

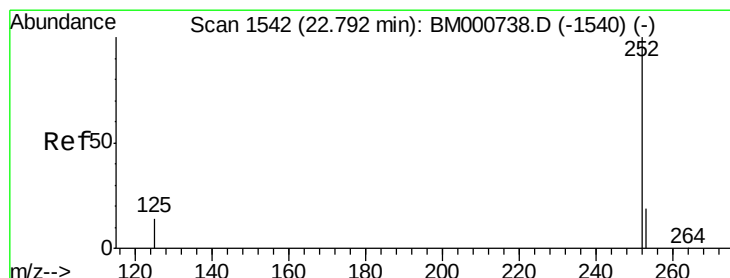
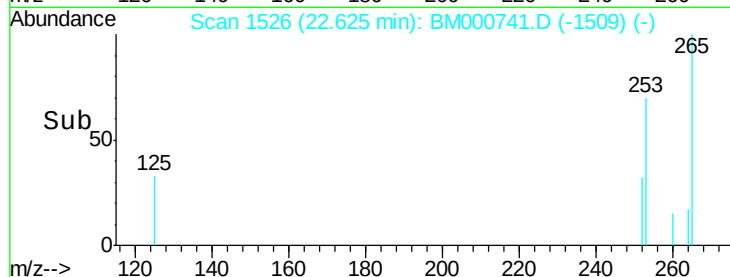
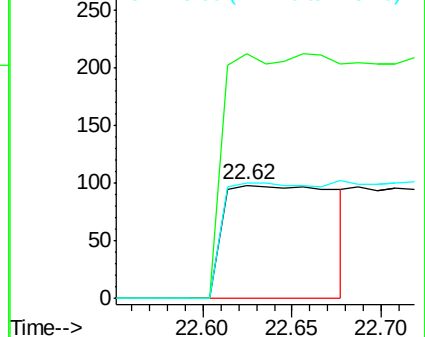
125 102.0 0.0 30.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 22.62 min Scan# 1526

Delta R.T. -0.17 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

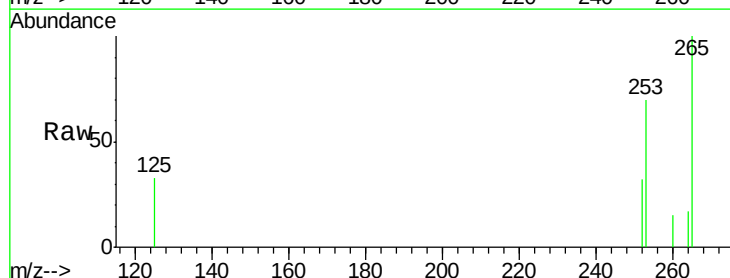
Tgt Ion: 252 Resp: 417

Ion Ratio Lower Upper

252 100

253 216.3 19.8 29.6#

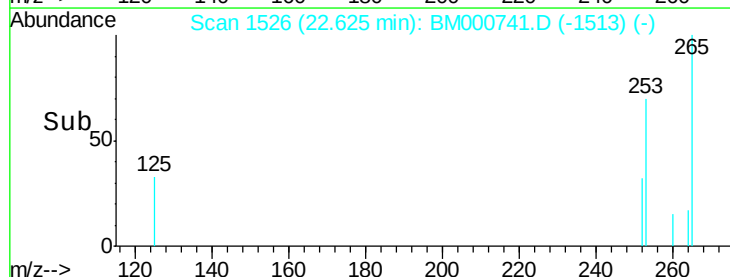
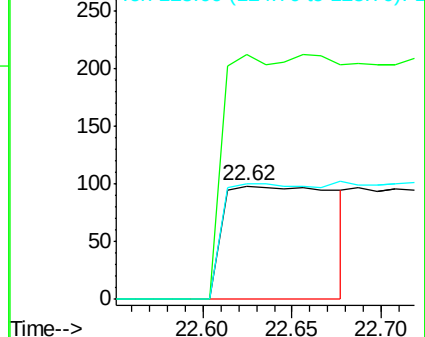
125 102.0 12.2 18.2#

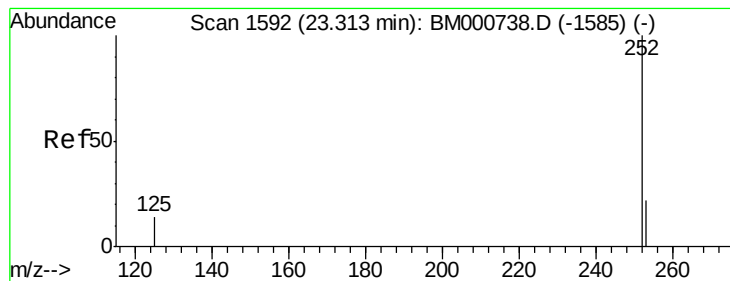


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.31 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

Instrument :

BNA_M

ClientSampleId :

SBLK38

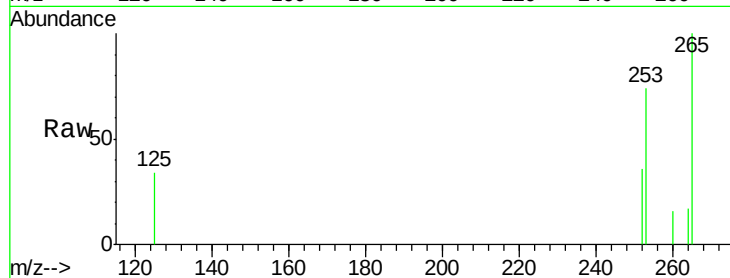
Tgt Ion: 252 Resp: 52

Ion Ratio Lower Upper

252 100

253 208.0 21.5 32.3#

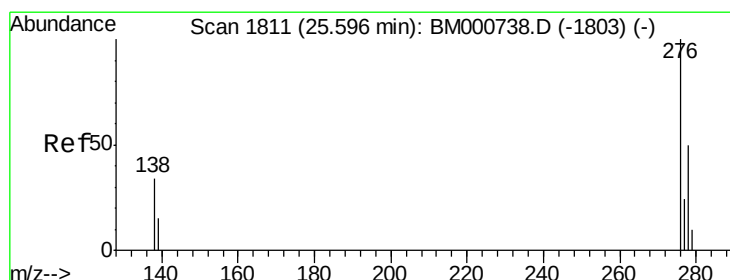
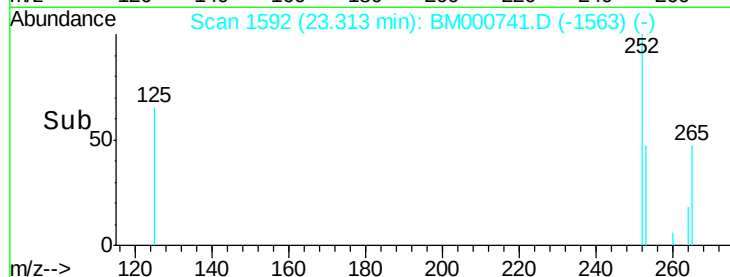
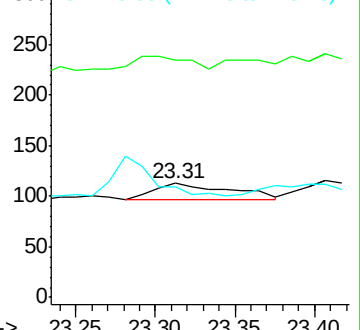
125 96.5 13.0 19.6#



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: 25.63 min Scan# 1814

Delta R.T. 0.03 min

Lab File: BM000741.D

Acq: 20 Mar 2015 14:46

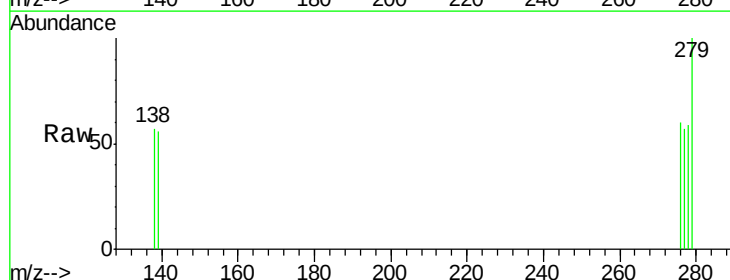
Tgt Ion: 276 Resp: 59

Ion Ratio Lower Upper

276 100

138 30.5 27.8 41.8

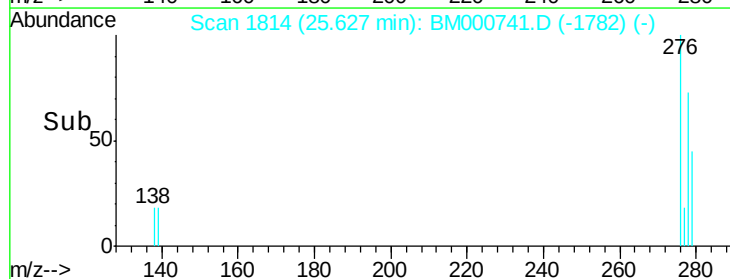
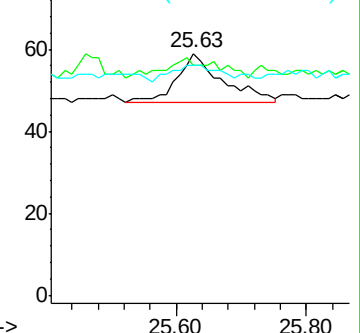
277 35.6 19.9 29.9#

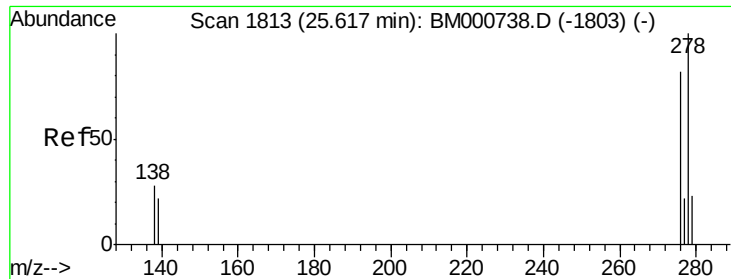


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



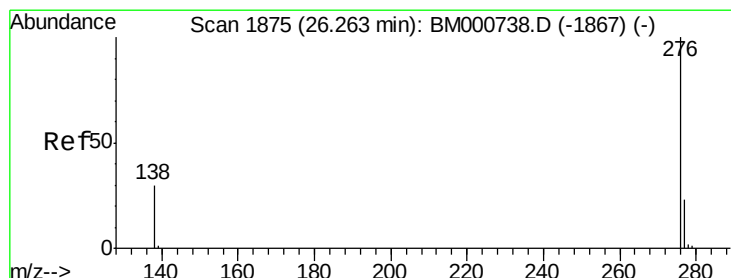
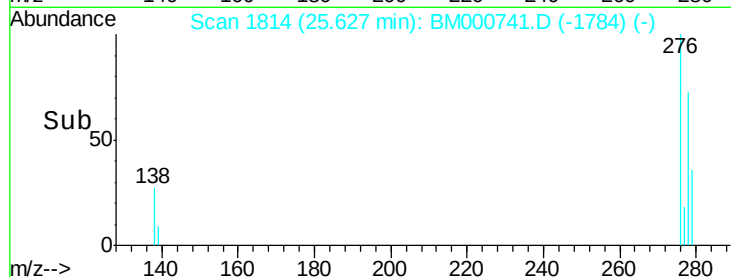
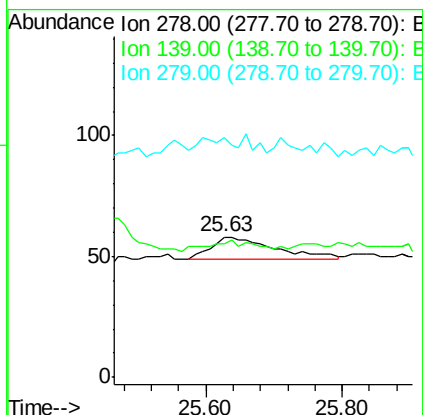
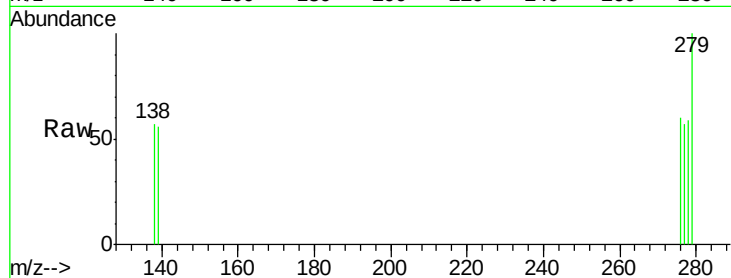


#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.63 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM000741.D
Acq: 20 Mar 2015 14:46

Instrument :
BNA_M
ClientSampleId :
SBLK38

Tgt Ion: 278 Resp: 58

Ion	Ratio	Lower	Upper
278	100		
139	94.8	18.1	27.1#
279	170.7	22.3	33.5#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.27 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM000741.D
Acq: 20 Mar 2015 14:46

Tgt Ion: 276 Resp: 59

Ion	Ratio	Lower	Upper
276	100		
277	96.6	19.6	29.4#
138	98.3	25.6	38.4#

