

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072816\
 Data File : BM006729.D
 Acq On : 28 Jul 2016 19:40
 Operator : UM/SJ
 Sample : PB92277BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK77

Quant Time: Jul 29 11:14:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM072816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 15:44:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1832	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	6329	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.26	164	3563	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8644	0.40	ng/ul	0.02
16) Chrysene-d12	21.22	240	8661	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	8343	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	3013	0.38	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	8671	0.38	ng/ul	0.01

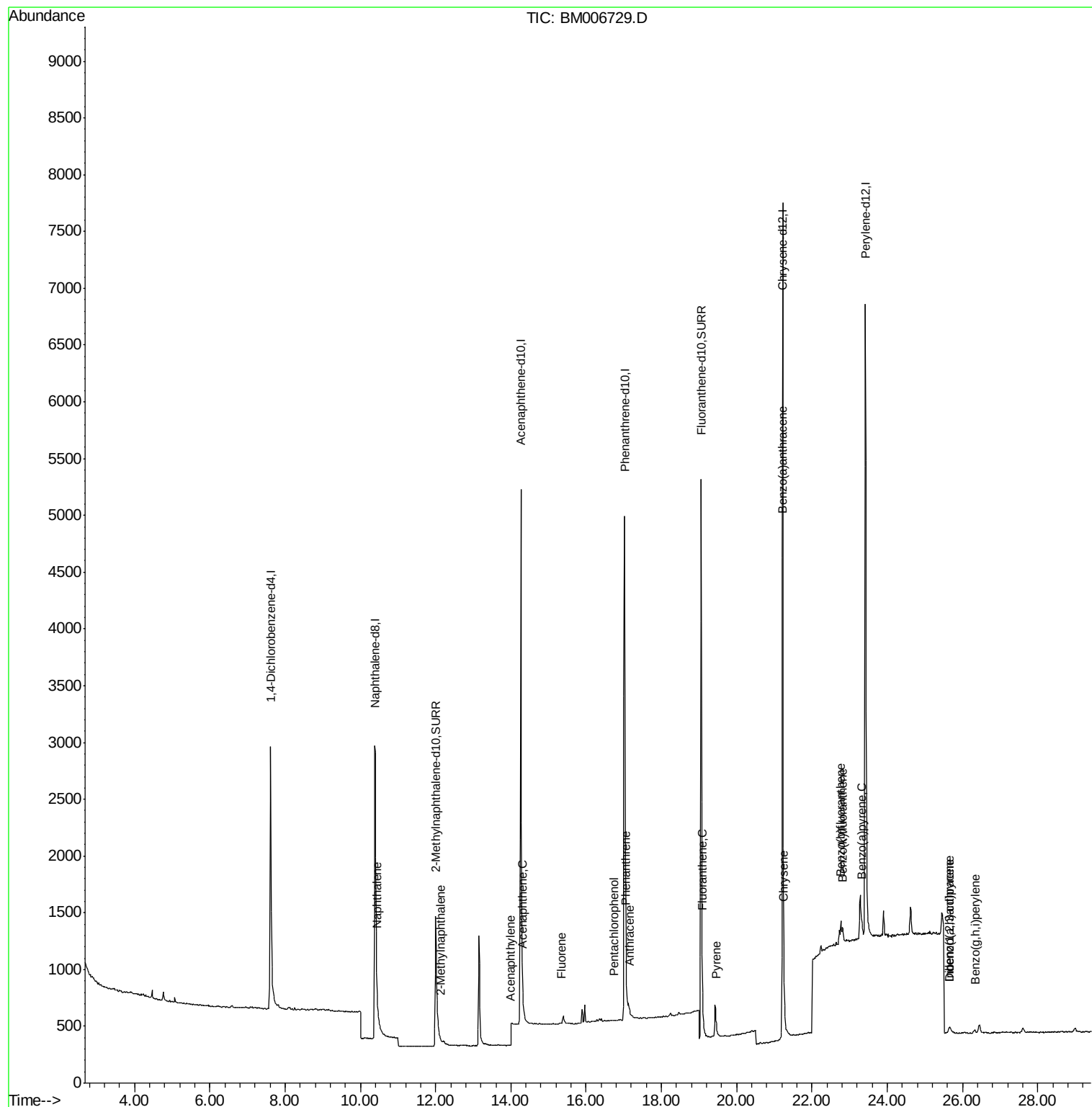
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.44	128	9	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.14	142	2	0.00	ng/ul	87
7) Acenaphthylene	13.98	152	15	0.00	ng/ul#	1
8) Acenaphthene	14.31	153	11	0.00	ng/ul#	70
9) Fluorene	15.34	166	20	0.00	ng/ul#	46
11) Pentachlorophenol	16.75	266	1	0.00	ng/ul#	1
12) Phenanthrene	17.06	178	50	0.00	ng/ul#	1
13) Anthracene	17.16	178	30	0.00	ng/ul#	1
15) Fluoranthene	19.08	202	873	0.03	ng/ul#	1
17) Pyrene	19.46	202	99	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.21	228	165	0.01	ng/ul#	31
19) Chrysene	21.25	228	239	0.01	ng/ul#	42
21) Benzo(b)fluoranthene	22.76	252	333	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.80	252	238	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	149	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.66	276	1055	0.03	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.66	278	1083	0.04	ng/ul#	1
26) Benzo(g,h,i)perylene	26.33	276	126	0.00	ng/ul#	1

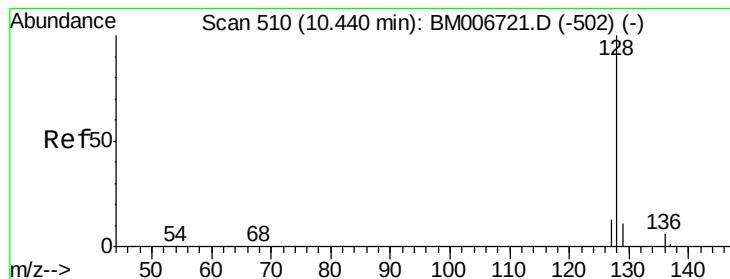
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

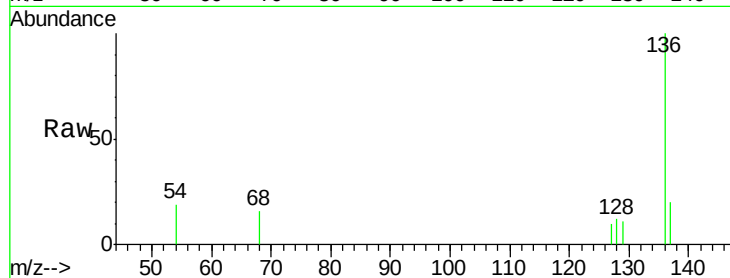
Instrument :

BNA_M

ClientSampleId :

SBLK77

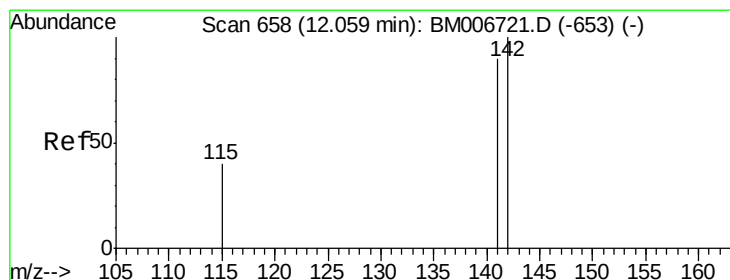
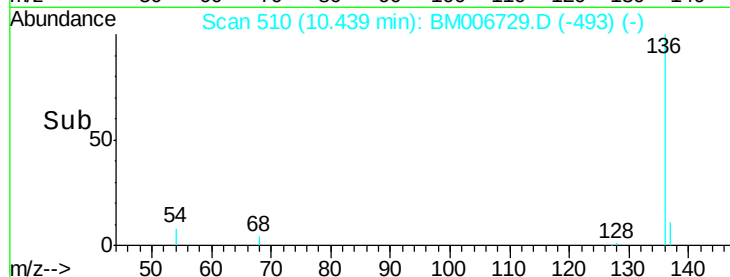
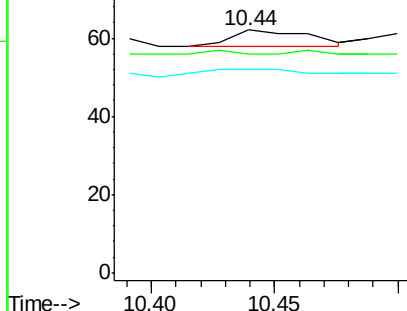
Tgt Ion:	128	Resp:	9
Ion	Ratio	Lower	Upper
128	100		
129	90.3	9.0	13.6#
127	83.9	9.6	14.4#



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

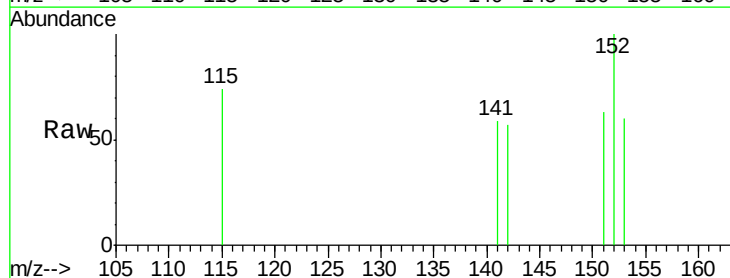
RT: 12.14 min Scan# 666

Delta R.T. 0.08 min

Lab File: BM006729.D

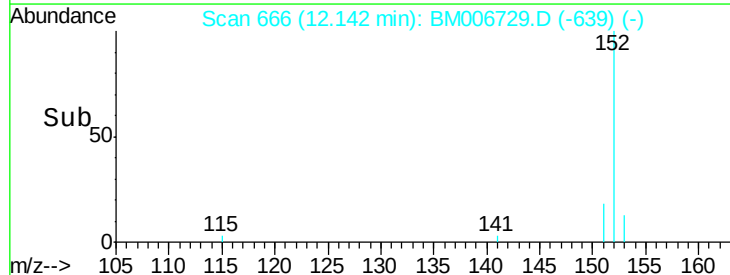
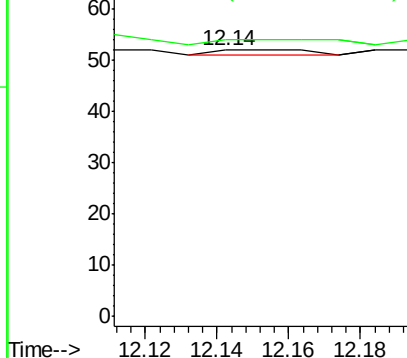
Acq: 28 Jul 2016 19:40

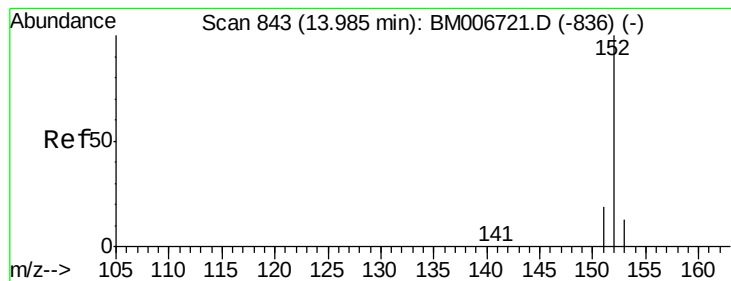
Tgt Ion:	142	Resp:	2
Ion	Ratio	Lower	Upper
142	100		
141	100.0	70.3	105.5



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# 843

Delta R.T. -0.00 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

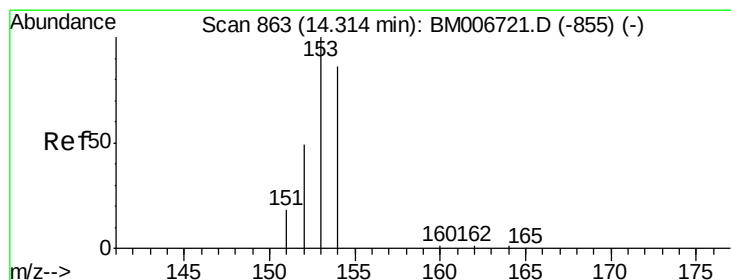
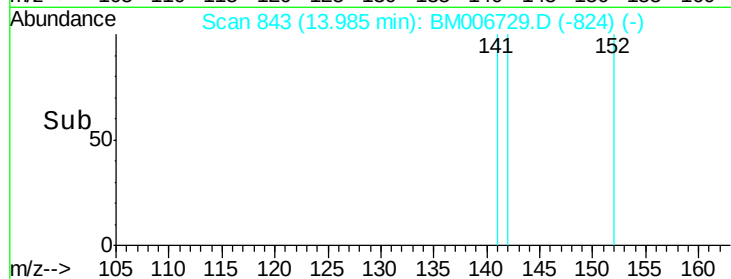
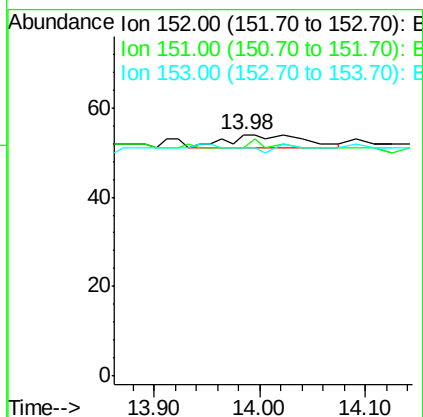
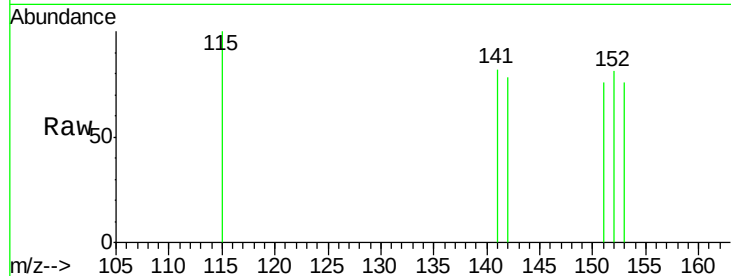
Tgt Ion:152 Resp: 15

Ion Ratio Lower Upper

152 100

151 94.4 17.6 26.4#

153 94.4 9.7 14.5#



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.31 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

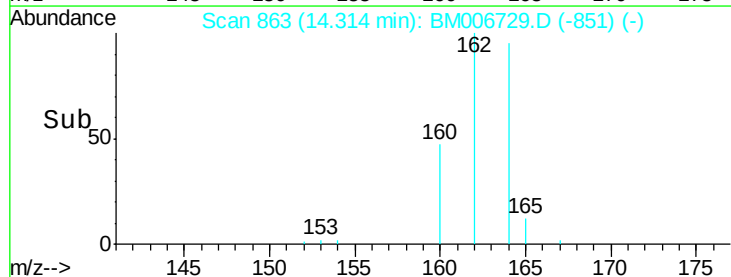
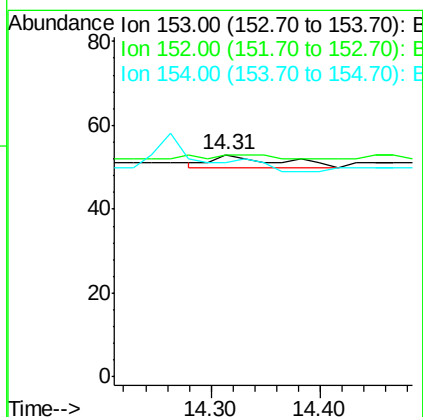
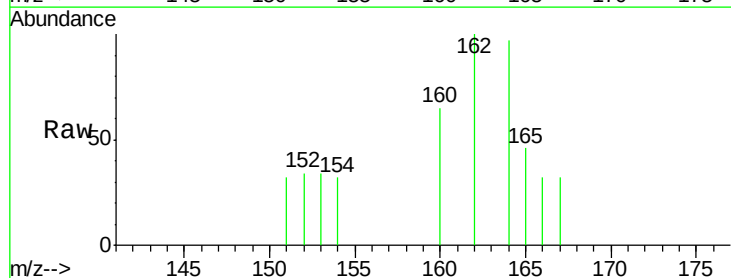
Tgt Ion:153 Resp: 11

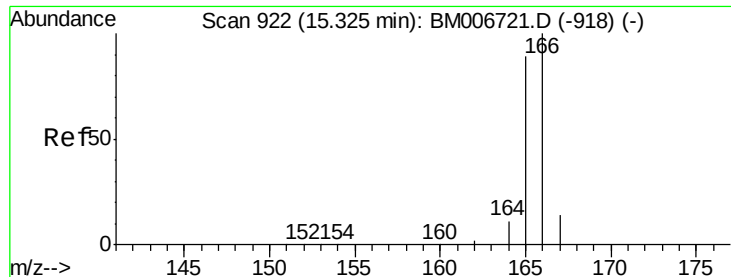
Ion Ratio Lower Upper

153 100

152 100.0 33.9 50.9#

154 96.2 80.6 121.0





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. 0.02 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

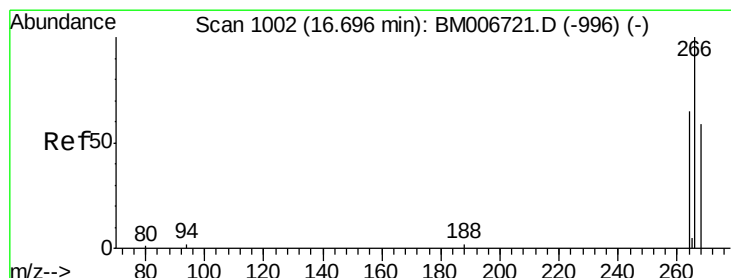
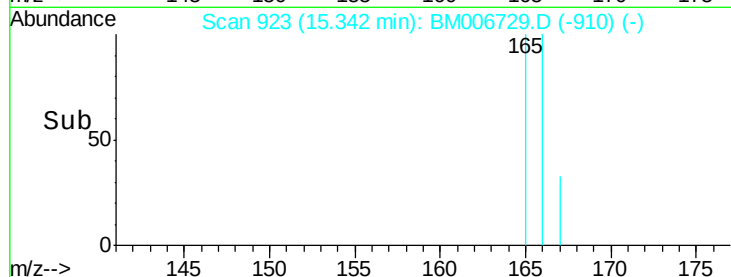
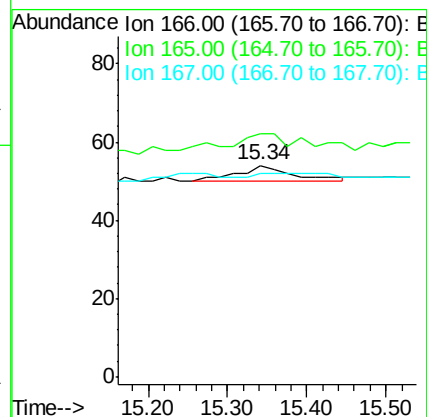
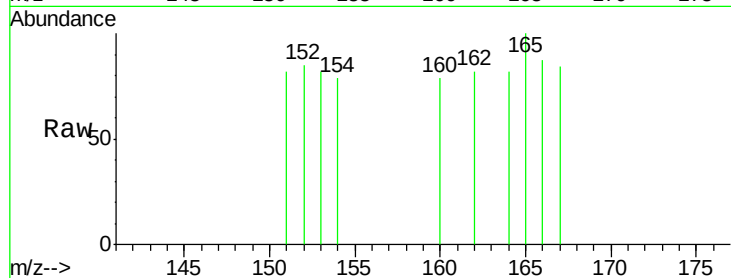
Tgt Ion:166 Resp: 20

Ion Ratio Lower Upper

166 100

165 114.8 69.6 104.4#

167 96.3 11.9 17.9#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. 0.05 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

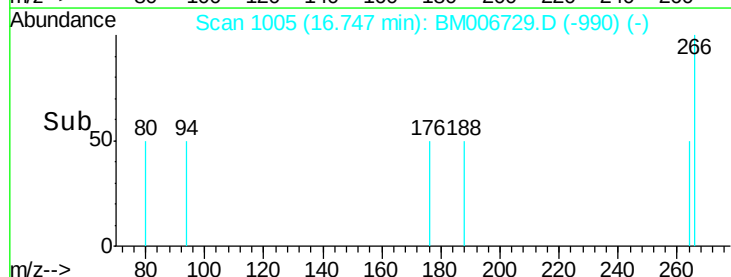
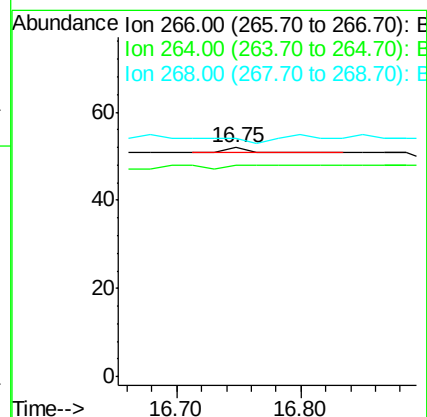
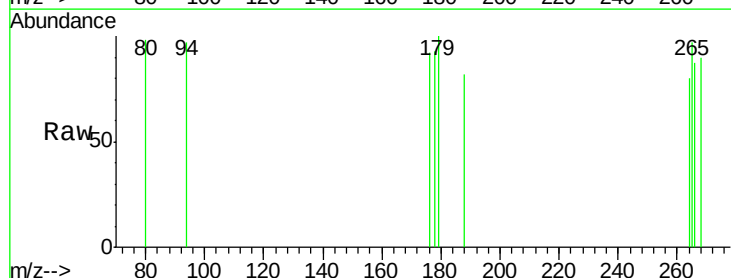
Tgt Ion:266 Resp: 1

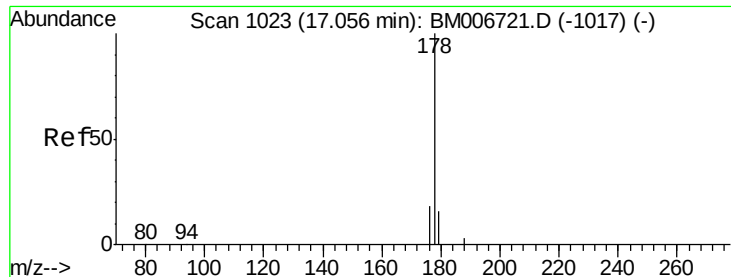
Ion Ratio Lower Upper

266 100

264 300.0 51.8 77.8#

268 0.0 46.8 70.2#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.06 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

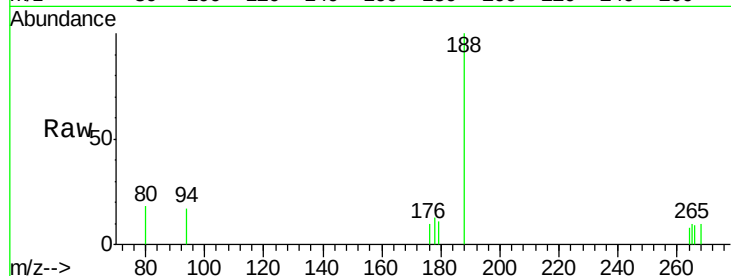
Tgt Ion:178 Resp: 50

Ion Ratio Lower Upper

178 100

176 78.1 13.0 19.4#

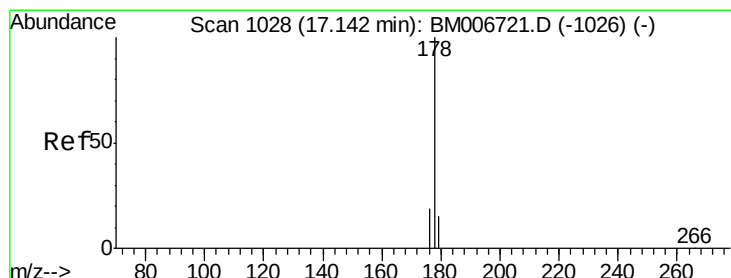
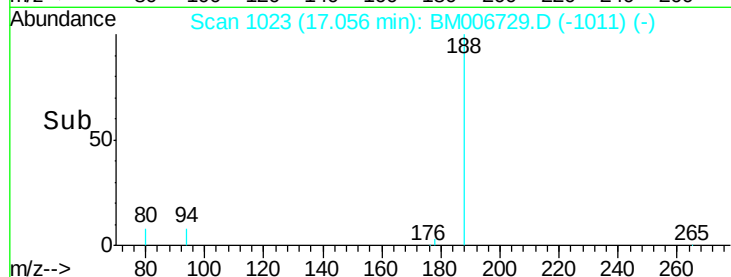
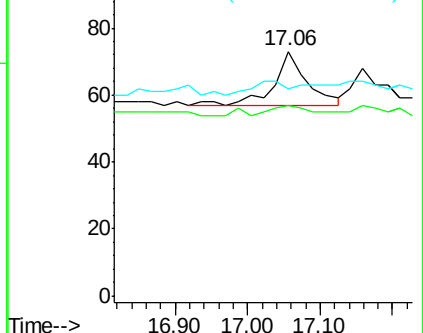
179 84.9 14.2 21.2#



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: 17.16 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

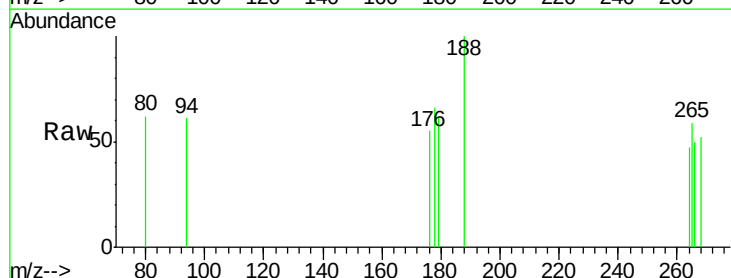
Tgt Ion:178 Resp: 30

Ion Ratio Lower Upper

178 100

176 83.8 14.0 21.0#

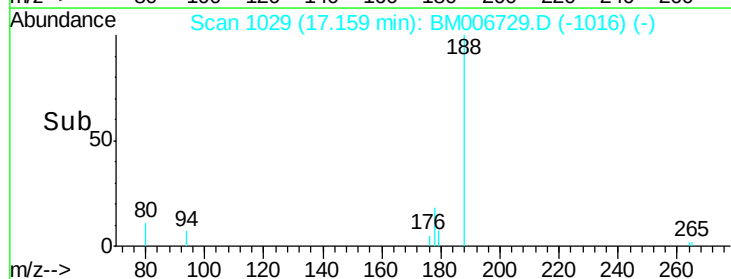
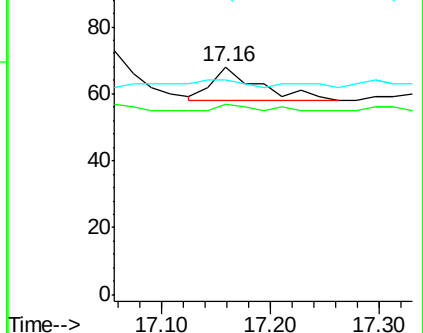
179 94.1 12.9 19.3#

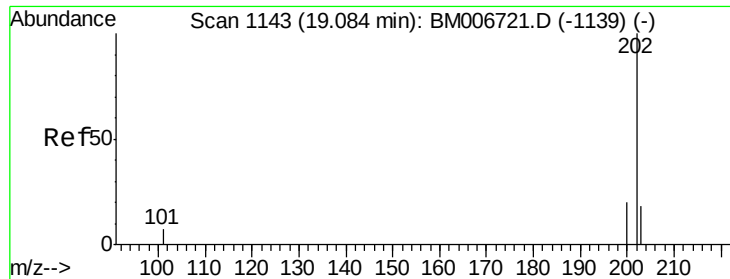


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.08 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

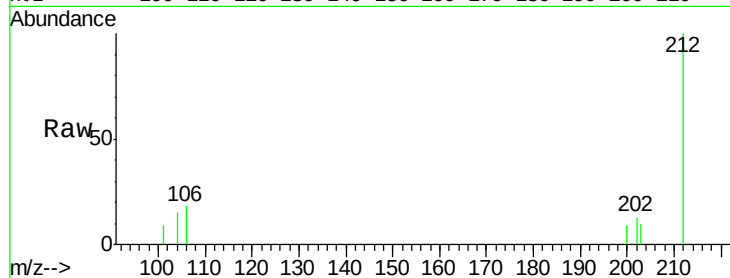
Tgt Ion:202 Resp: 873

Ion Ratio Lower Upper

202 100

101 66.3 0.0 29.6#

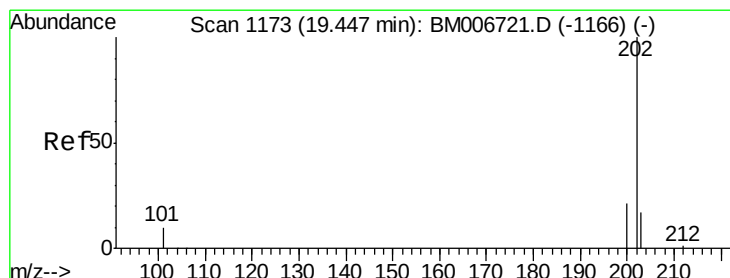
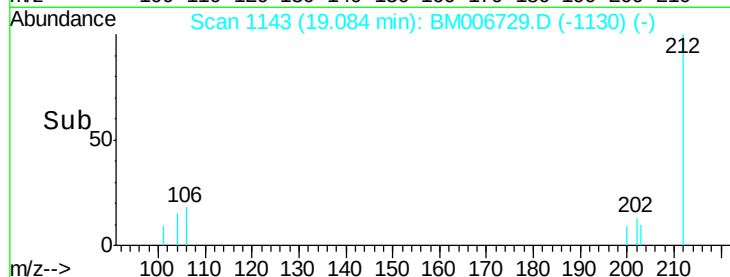
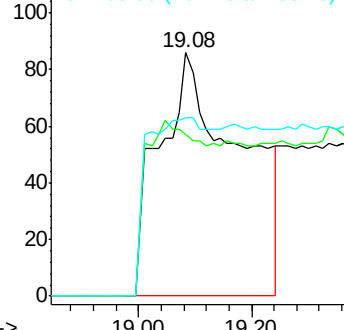
203 73.3 0.0 36.3#



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: 19.46 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

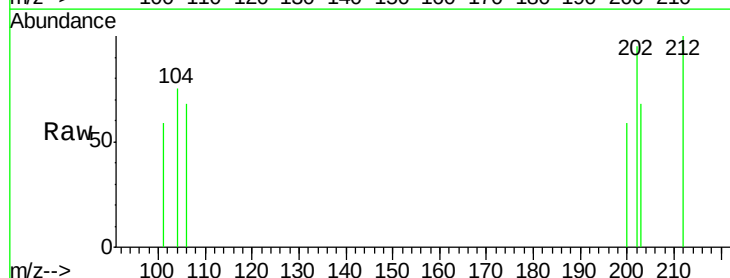
Tgt Ion:202 Resp: 99

Ion Ratio Lower Upper

202 100

200 62.1 17.8 26.8#

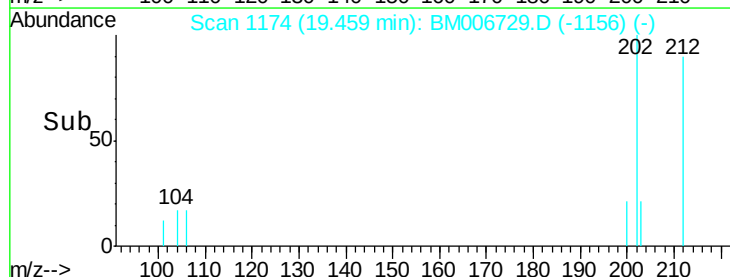
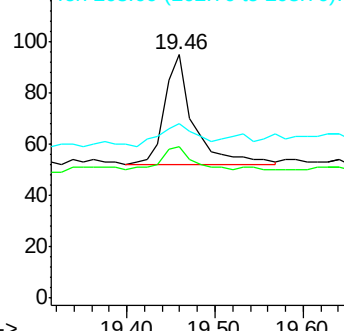
203 71.6 12.8 19.2#

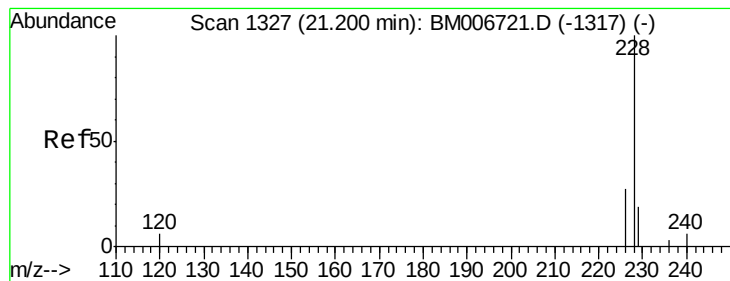


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.21 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

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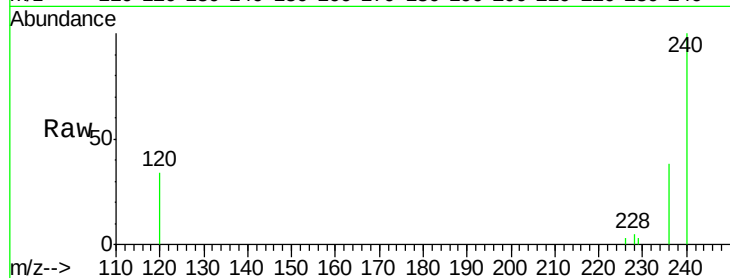
Tgt Ion:228 Resp: 165

Ion Ratio Lower Upper

228 100

226 58.5 18.8 28.2#

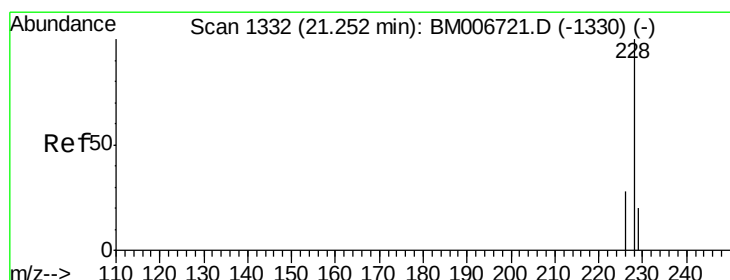
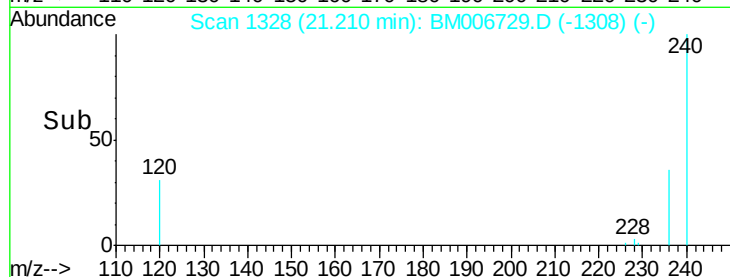
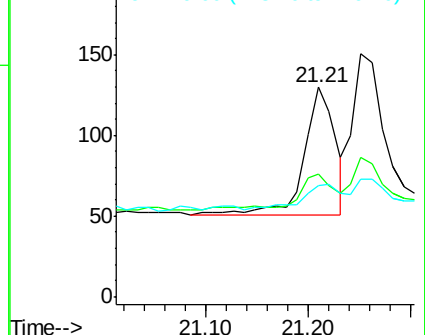
229 53.1 17.1 25.7#



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: 21.25 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

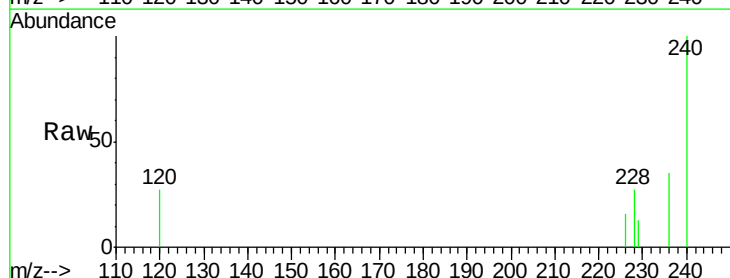
Tgt Ion:228 Resp: 239

Ion Ratio Lower Upper

228 100

226 57.0 21.2 31.8#

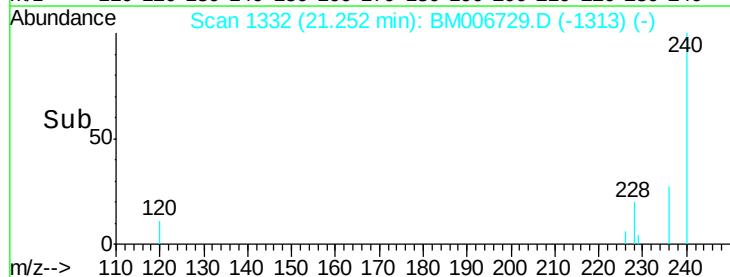
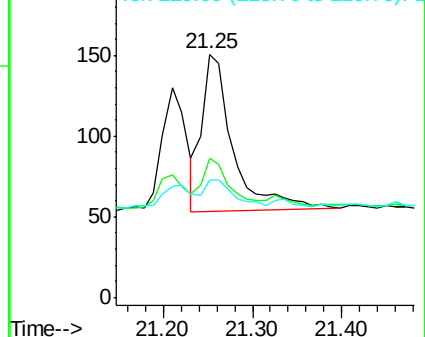
229 48.3 17.0 25.6#

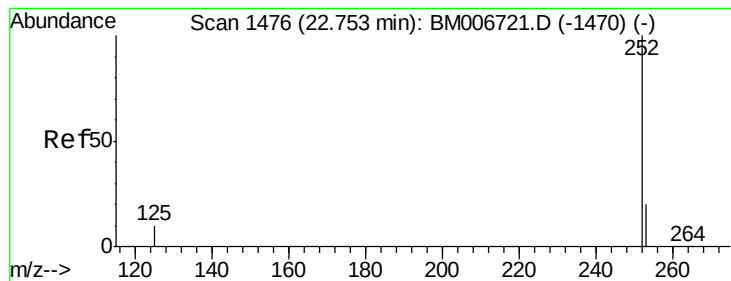


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.76 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

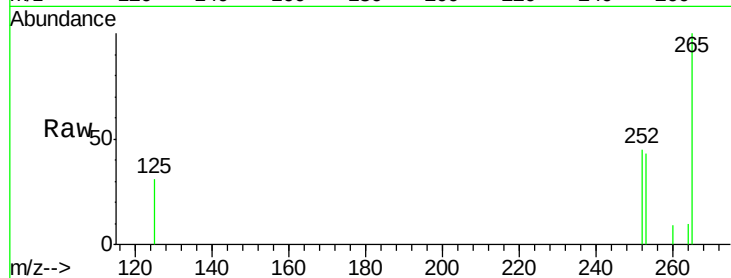
Tgt Ion:252 Resp: 333

Ion Ratio Lower Upper

252 100

253 95.9 0.0 45.4#

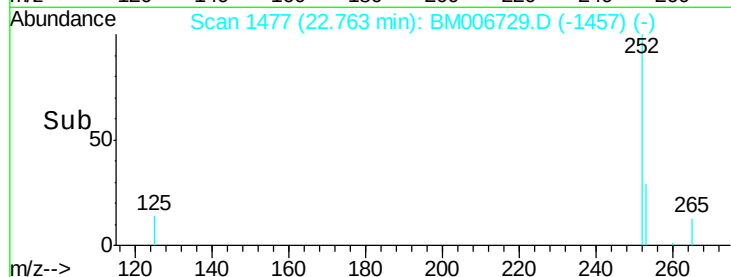
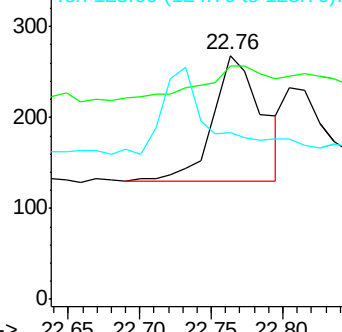
125 68.7 0.0 28.8#



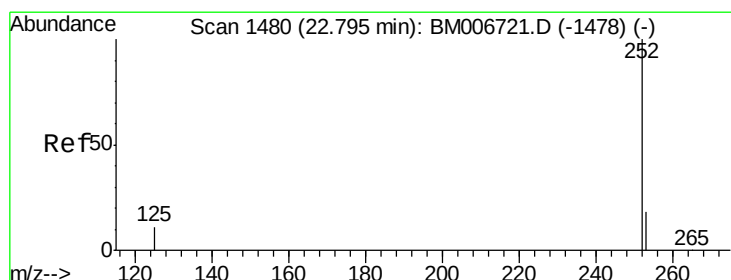
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

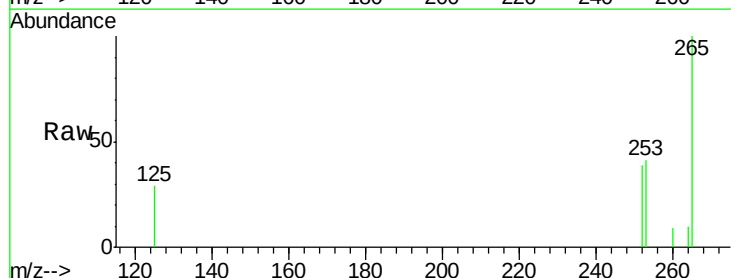
Tgt Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

253 105.6 19.8 29.8#

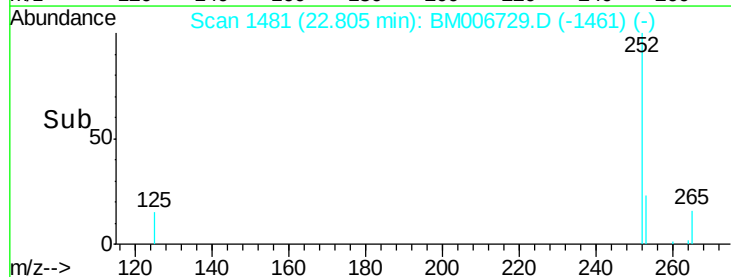
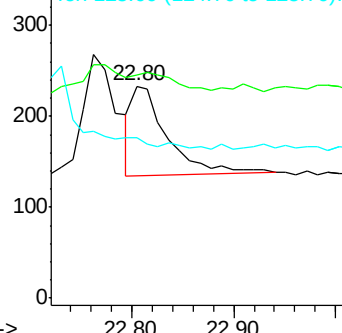
125 75.5 10.4 15.6#



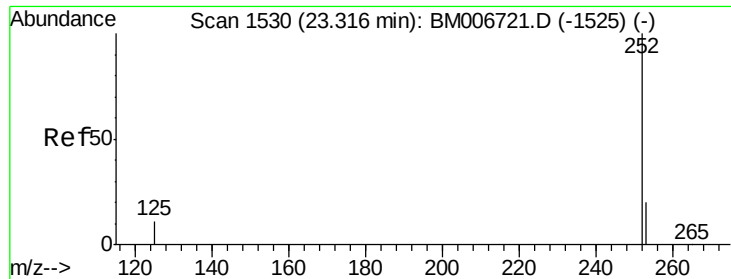
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

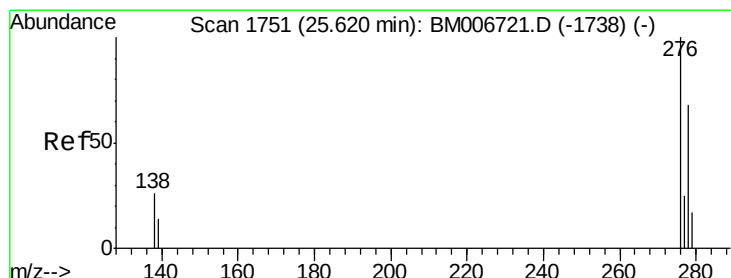
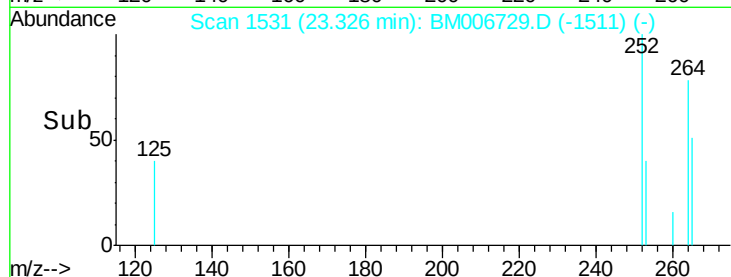
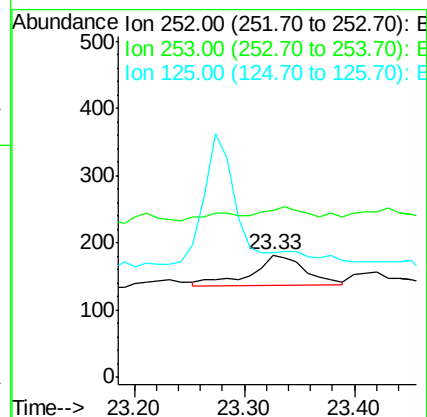
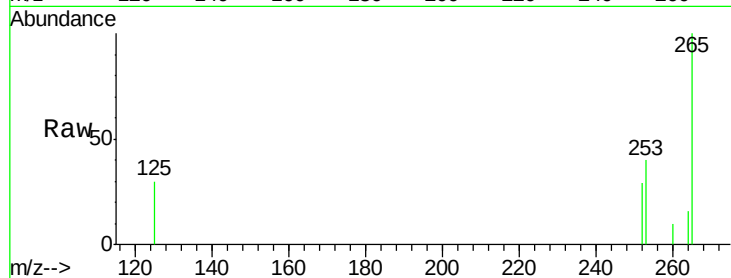
Tgt Ion: 252 Resp: 149

Ion Ratio Lower Upper

252 100

253 136.8 19.4 29.2#

125 102.2 12.7 19.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 25.66 min Scan# 1755

Delta R.T. 0.04 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

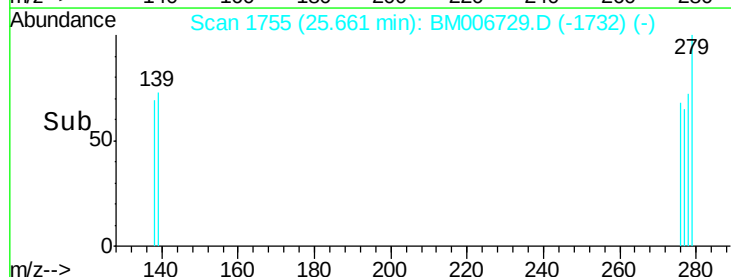
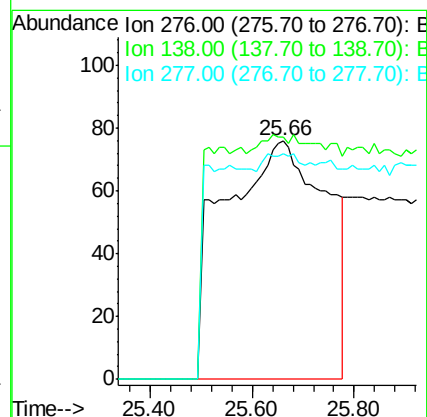
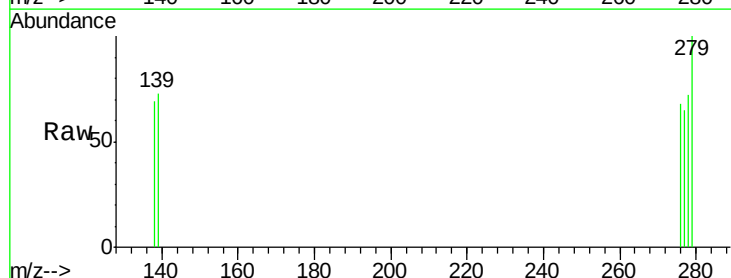
Tgt Ion: 276 Resp: 1055

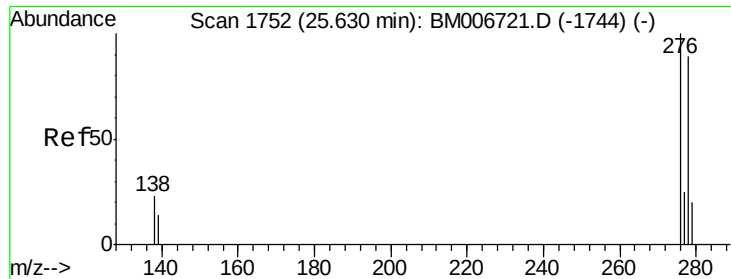
Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

277 0.0 19.8 29.8#





#25

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

RT: 25.66 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

Instrument :

BNA_M

ClientSampleId :

SBLK77

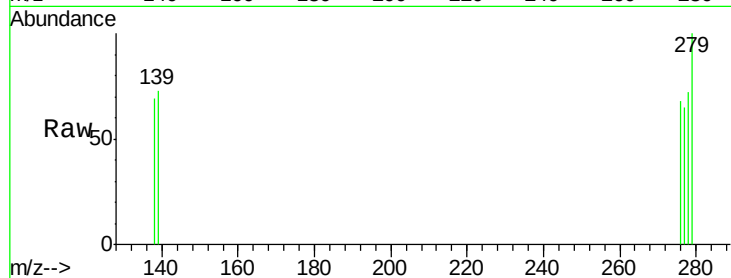
Tgt Ion:278 Resp: 1083

Ion Ratio Lower Upper

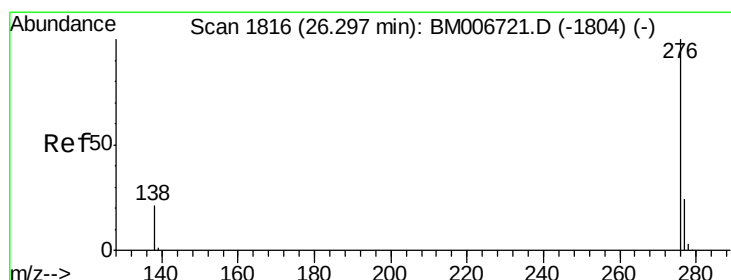
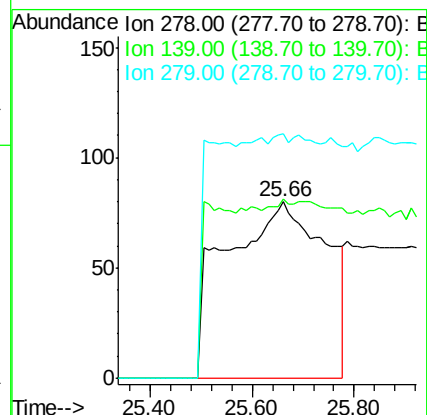
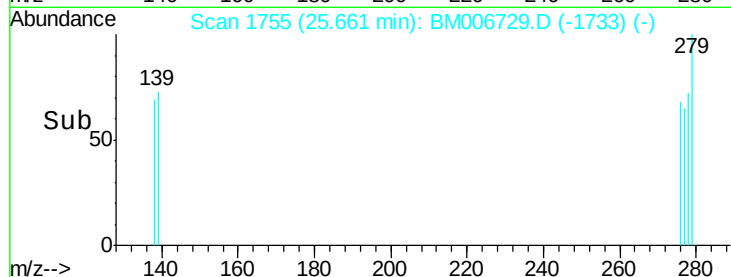
278 100

139 101.3 16.4 24.6#

279 138.8 20.2 30.2#



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: 0.00 ng/ul

RT: 26.33 min Scan# 1819

Delta R.T. 0.03 min

Lab File: BM006729.D

Acq: 28 Jul 2016 19:40

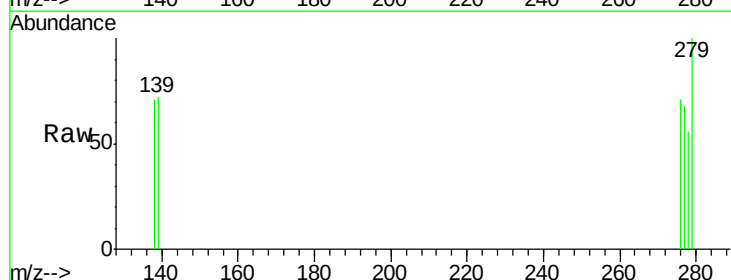
Tgt Ion:276 Resp: 126

Ion Ratio Lower Upper

276 100

277 94.8 18.9 28.3#

138 100.0 22.5 33.7#



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

