

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092815\
 Data File : BM002730.D
 Acq On : 28 Sep 2015 12:19
 Operator : UM/IZ
 Sample : PB85807BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK07

Quant Time: Sep 29 00:32:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 00:32:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	9530	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	37545	0.40	ng/ul	0.01
8) Acenaphthene-d10	15.33	164	21369	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.12	188	3109310	0.40	ng/ul	0.09
18) Chrysene-d12	22.13	240	42577	0.40	ng/ul	0.00
22) Perylene-d12	24.56	264	2467922	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.80	96	64128	6.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	18123	0.33	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	33804	0.00	ng/ul	0.01

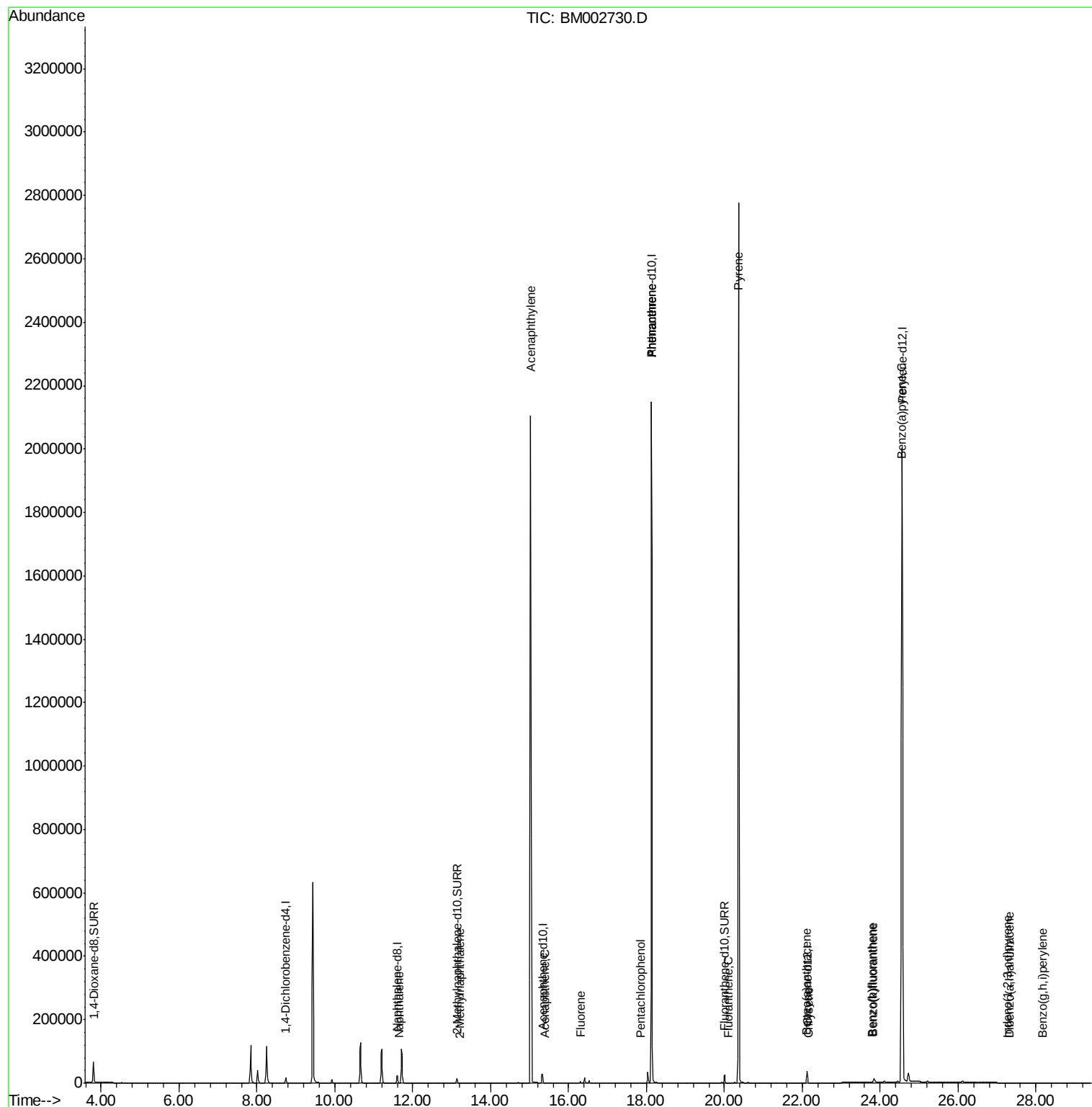
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.65	128	85	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.20	142	47	0.00	ng/ul#	78
9) Acenaphthylene	15.02	152	206	0.00	ng/ul#	1
10) Acenaphthene	15.38	153	39	0.00	ng/ul#	65
11) Fluorene	16.31	166	5382	0.06	ng/ul#	6
13) Pentachlorophenol	17.85	266	6	0.00	ng/ul#	37
14) Phenanthrene	18.12	178	1561	0.00	ng/ul#	1
15) Anthracene	18.12	178	1365	0.00	ng/ul#	1
17) Fluoranthene	20.11	202	36	0.00	ng/ul#	1
19) Pyrene	20.36	202	4751	0.03	ng/ul#	1
20) Benzo(a)anthracene	22.10	228	309	0.00	ng/ul#	25
21) Chrysene	22.16	228	230	0.00	ng/ul#	22
23) Benzo(b)fluoranthene	23.78	252	44	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.82	252	73	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.55	252	10959	0.00	ng/ul#	76
26) Indeno(1,2,3-cd)pyrene	27.28	276	42	0.00	ng/ul#	45
27) Dibenzo(a,h)anthracene	27.31	278	7	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	28.18	276	9	0.00	ng/ul#	1

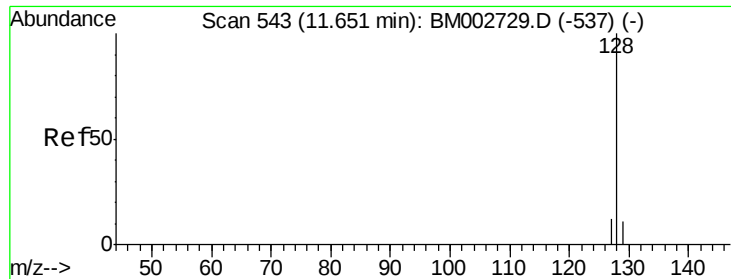
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

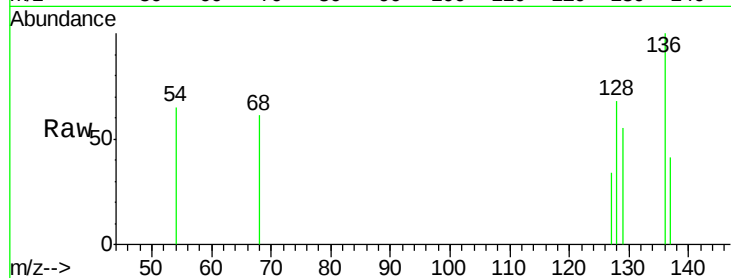
Tgt Ion:128 Resp: 85

Ion Ratio Lower Upper

128 100

129 80.4 9.8 14.8#

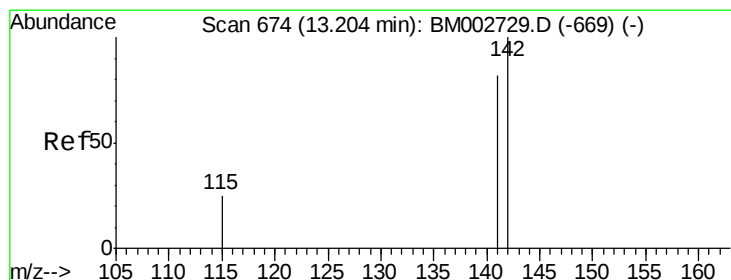
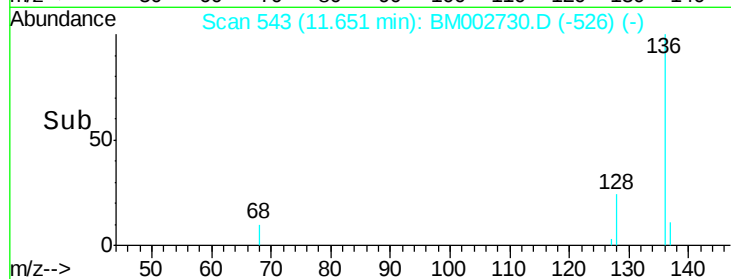
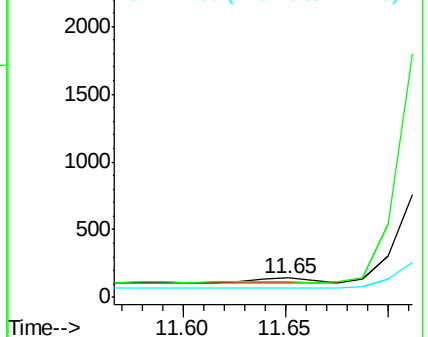
127 50.3 10.7 16.1#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002730.D

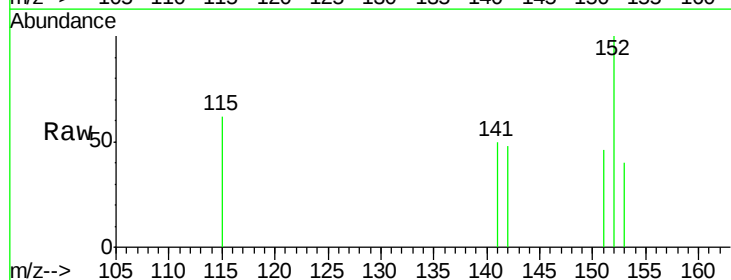
Acq: 28 Sep 2015 12:19

Tgt Ion:142 Resp: 47

Ion Ratio Lower Upper

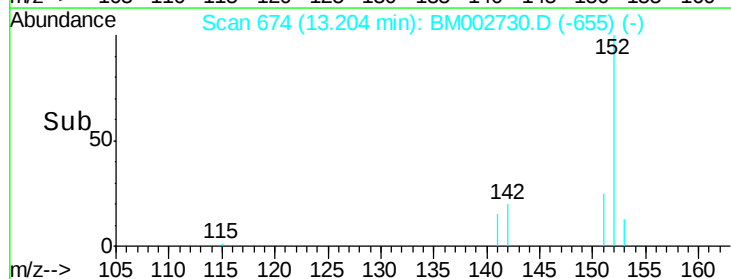
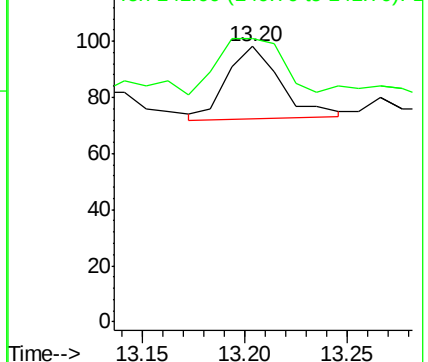
142 100

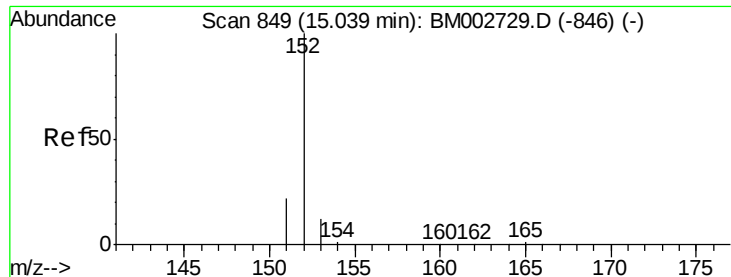
141 108.5 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 15.02 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

Tgt Ion:152 Resp: 206

Ion Ratio Lower Upper

152 100

151 52.4 16.8 25.2#

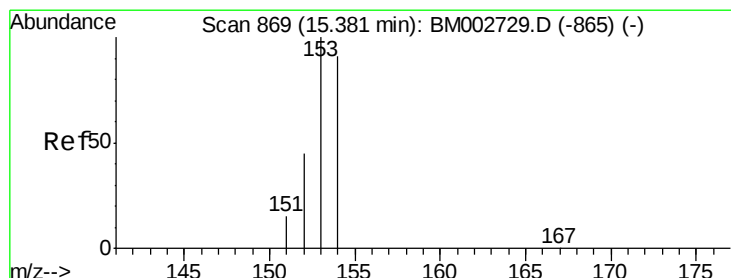
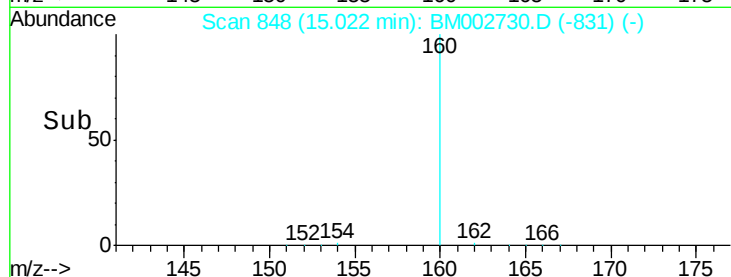
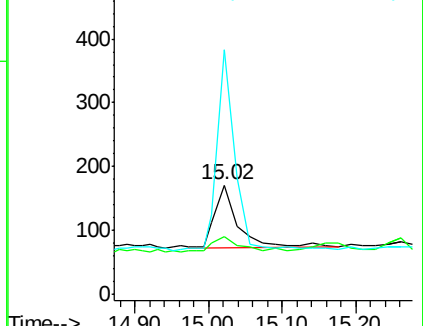
153 225.3 11.3 16.9#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

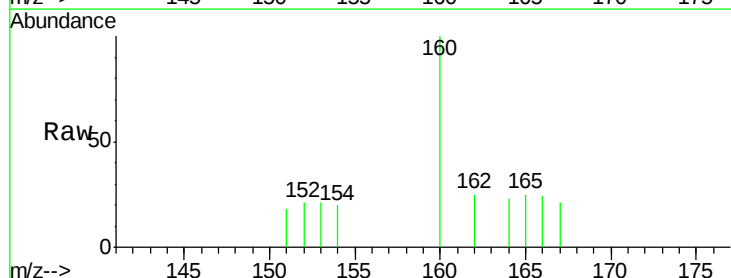
Tgt Ion:153 Resp: 39

Ion Ratio Lower Upper

153 100

152 97.6 42.3 63.5#

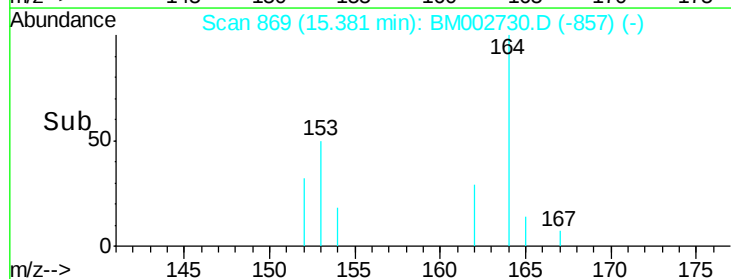
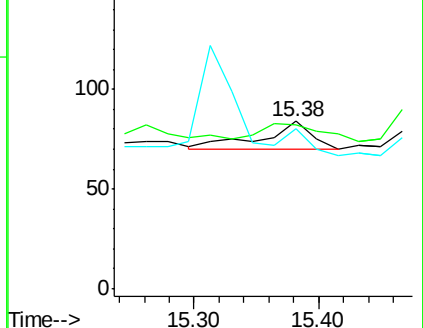
154 95.2 64.7 97.1

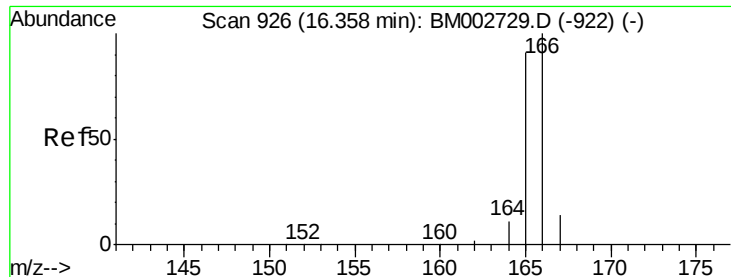


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.06 ng/ul

RT: 16.31 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

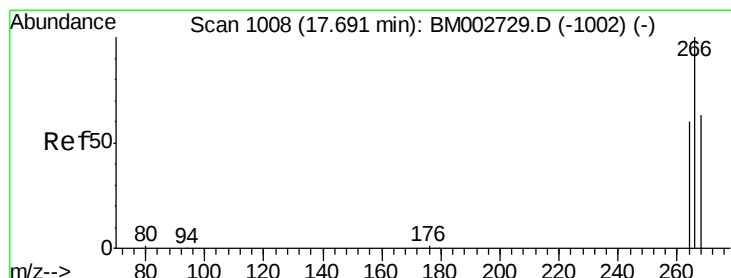
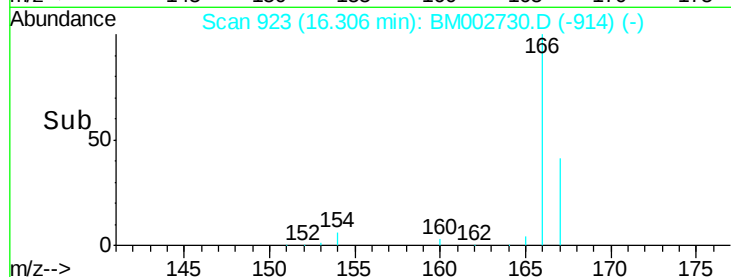
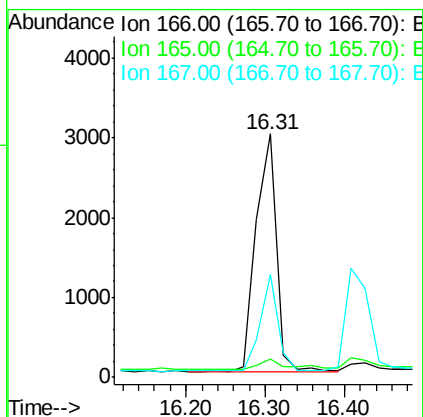
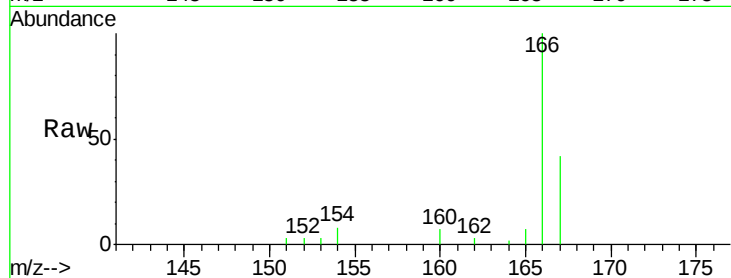
Tgt Ion:166 Resp: 5382

Ion Ratio Lower Upper

166 100

165 7.3 87.6 131.4#

167 42.3 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.85 min Scan# 1018

Delta R.T. 0.15 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

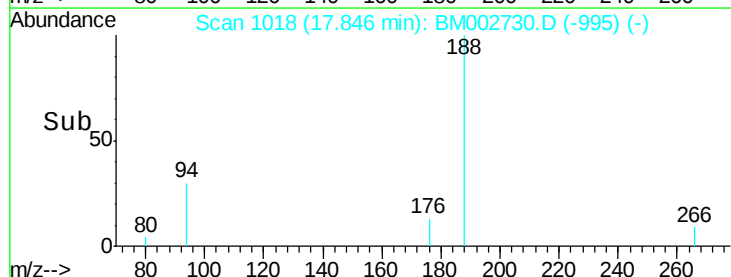
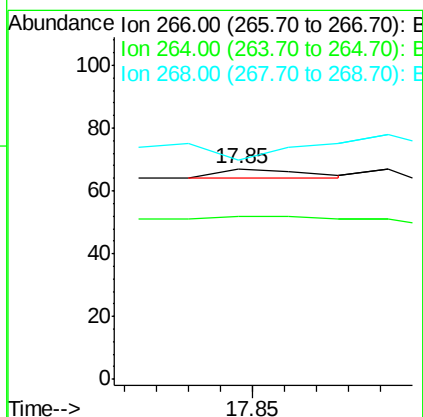
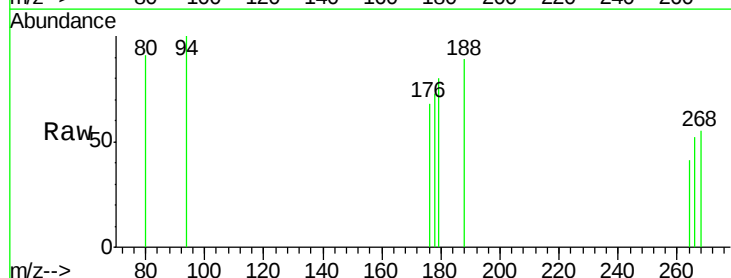
Tgt Ion:266 Resp: 6

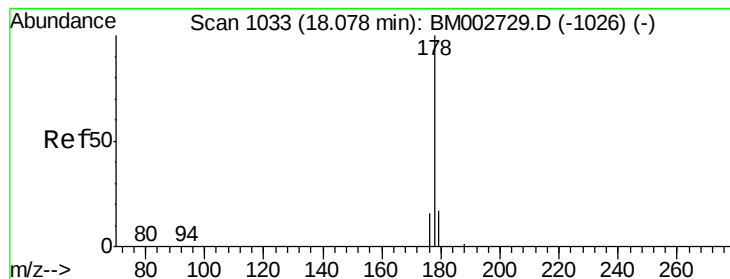
Ion Ratio Lower Upper

266 100

264 33.3 53.5 80.3#

268 0.0 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.12 min Scan# 1036

Delta R.T. 0.05 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

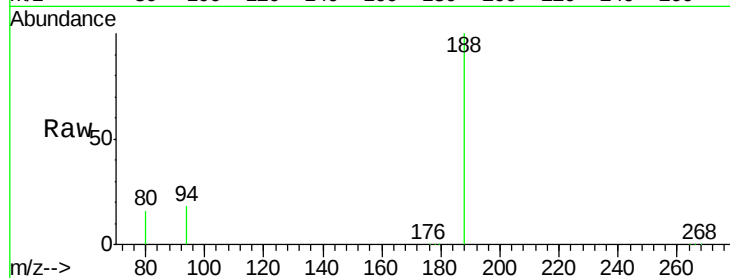
Tgt Ion:178 Resp: 1561

Ion Ratio Lower Upper

178 100

176 12.7 16.2 24.4#

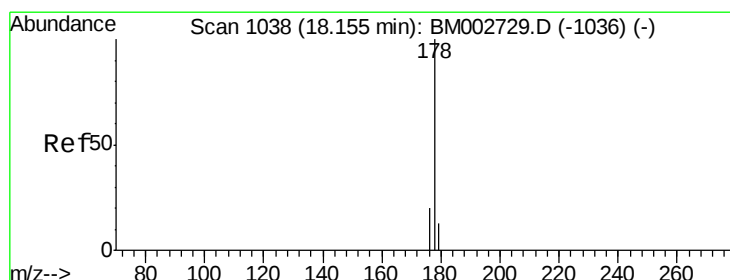
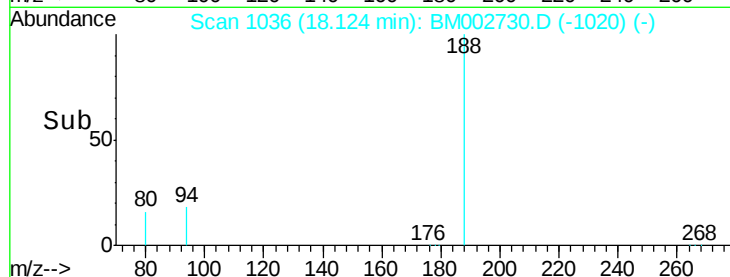
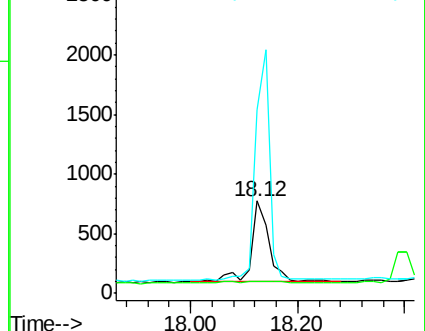
179 198.4 12.8 19.2#



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



#15

Anthracene

Concen: 0.00 ng/ul

RT: 18.12 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

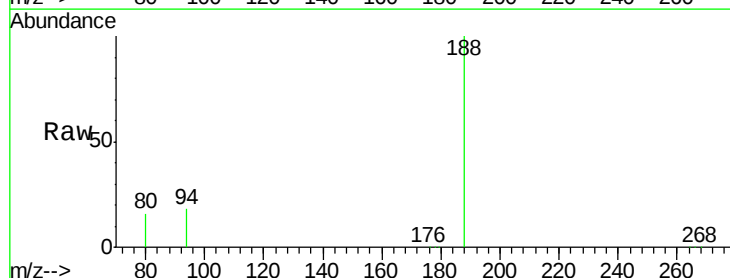
Tgt Ion:178 Resp: 1365

Ion Ratio Lower Upper

178 100

176 12.7 15.8 23.8#

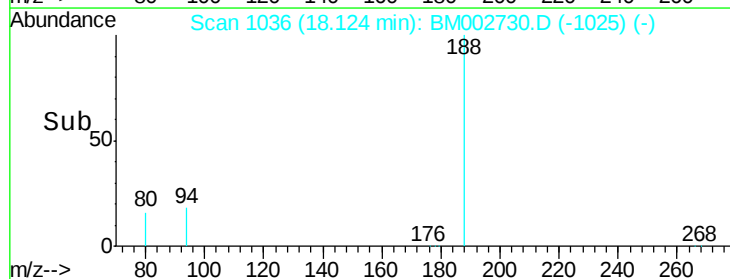
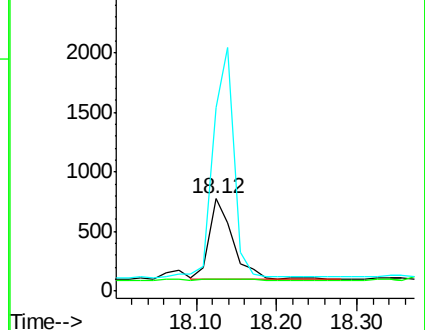
179 198.4 13.3 19.9#

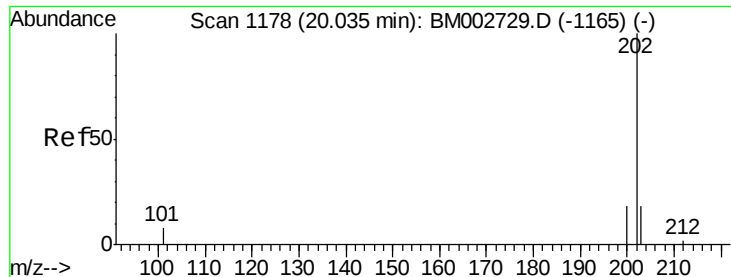


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

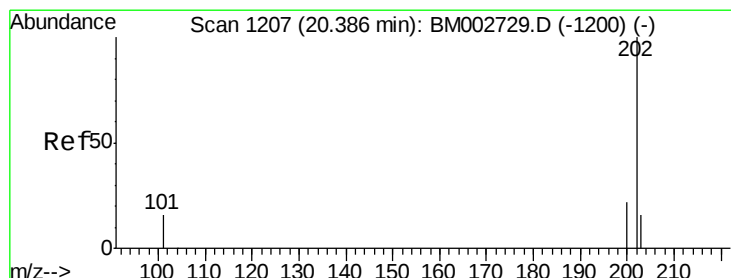
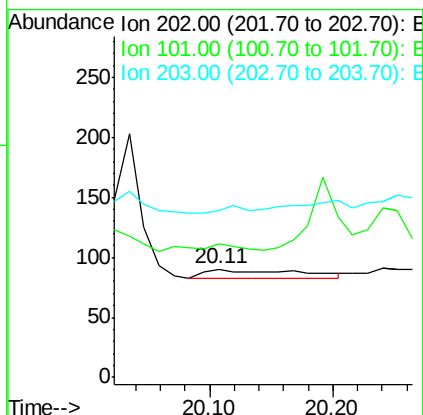
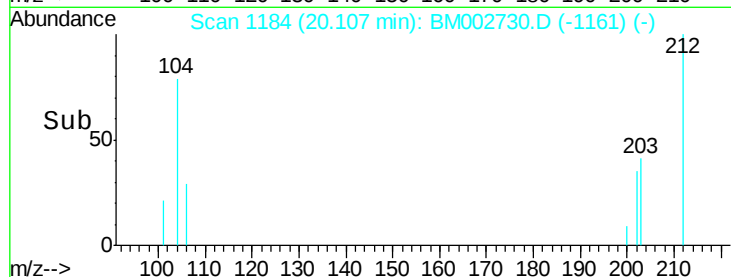
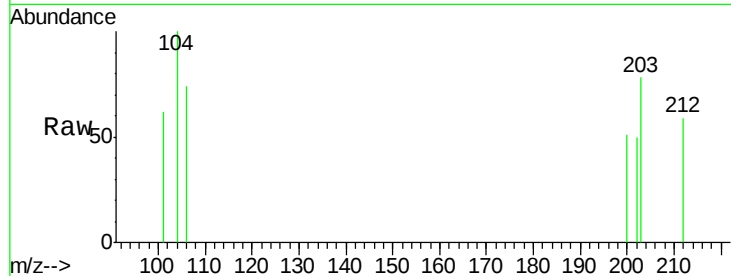




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 20.11 min Scan# 1184
 Delta R.T. 0.07 min
 Lab File: BM002730.D
 Acq: 28 Sep 2015 12:19

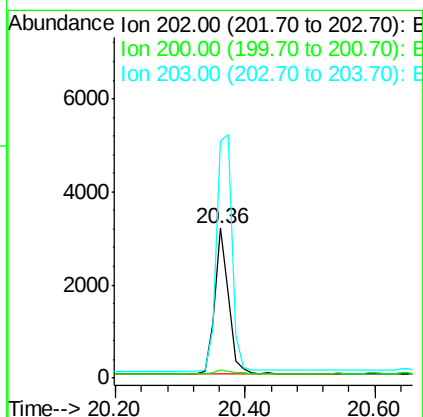
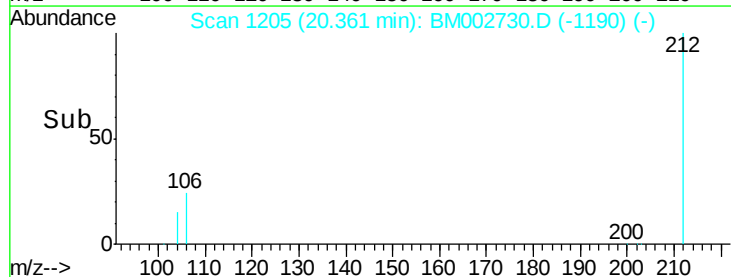
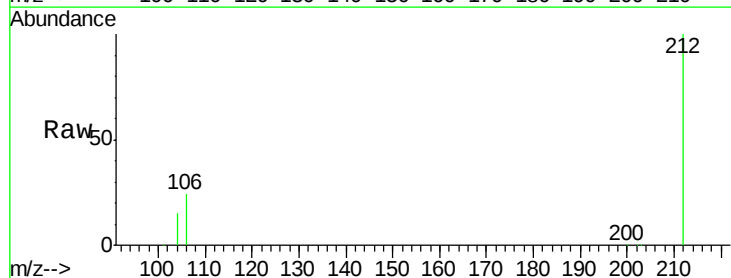
Instrument :
 BNA_M
 ClientSampled :
 SBLK07

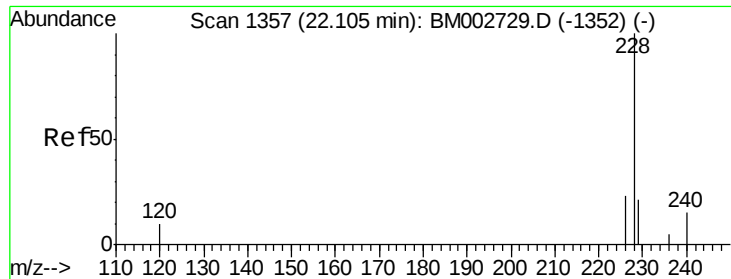
Tgt Ion: 202 Resp: 36
 Ion Ratio Lower Upper
 202 100
 101 123.3 0.0 33.1#
 203 154.4 0.0 37.2#



#19
Pyrene
 Concen: 0.03 ng/ul
 RT: 20.36 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BM002730.D
 Acq: 28 Sep 2015 12:19

Tgt Ion: 202 Resp: 4751
 Ion Ratio Lower Upper
 202 100
 200 5.3 18.0 27.0#
 203 158.8 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

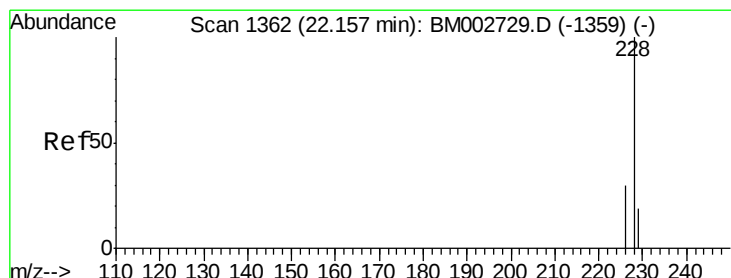
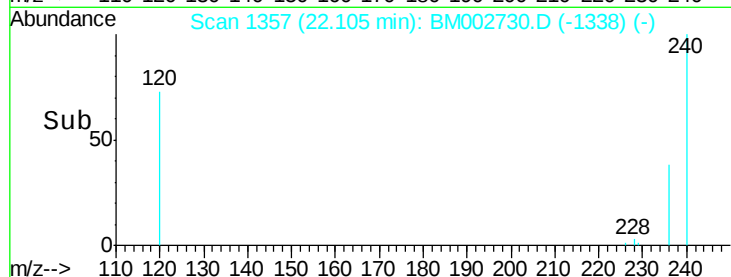
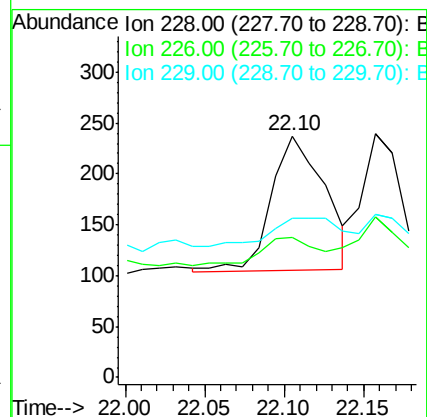
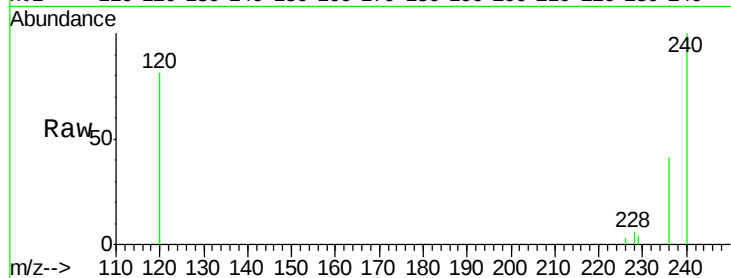
Tgt Ion:228 Resp: 309

Ion Ratio Lower Upper

228 100

226 58.2 23.0 34.4#

229 65.8 15.2 22.8#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

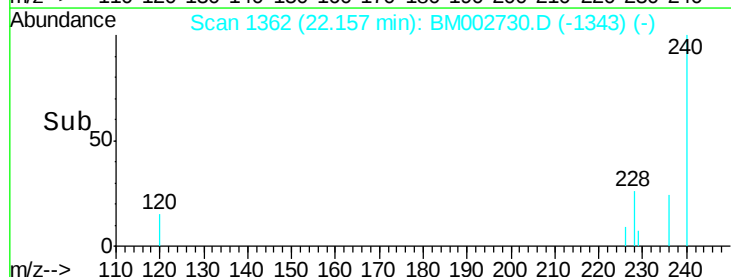
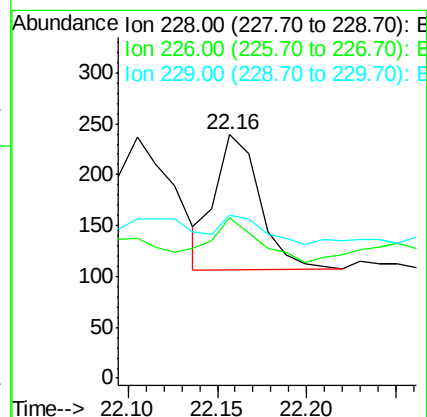
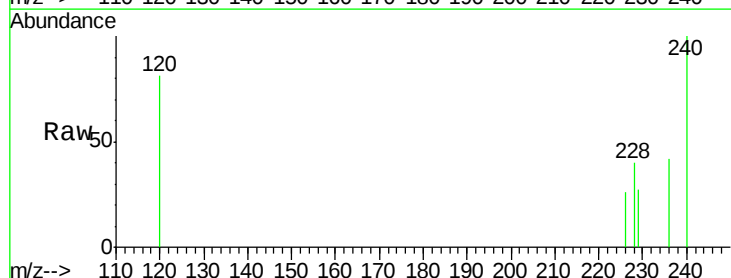
Tgt Ion:228 Resp: 230

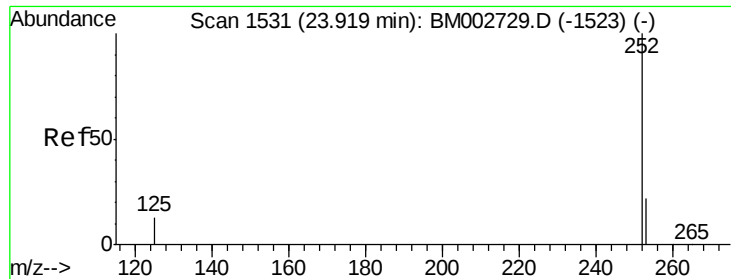
Ion Ratio Lower Upper

228 100

226 66.1 25.7 38.5#

229 66.9 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 23.78 min Scan# 1518

Delta R.T. -0.14 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

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SBLK07

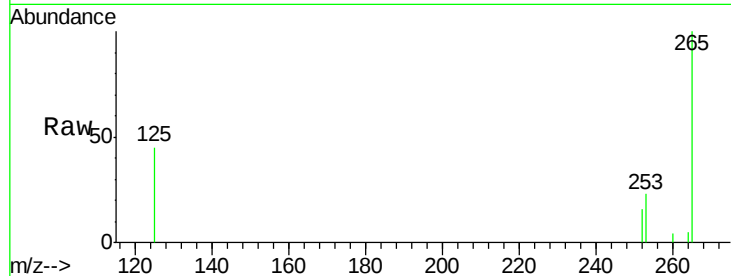
Tgt Ion:252 Resp: 44

Ion Ratio Lower Upper

252 100

253 147.3 0.0 48.0#

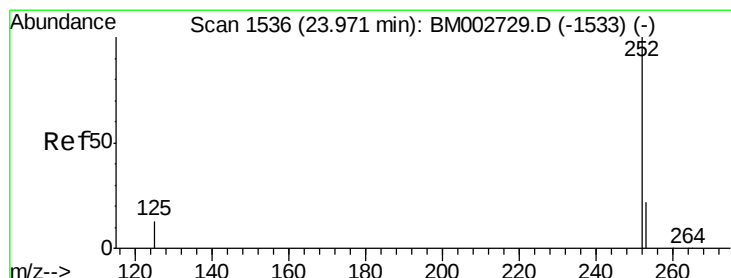
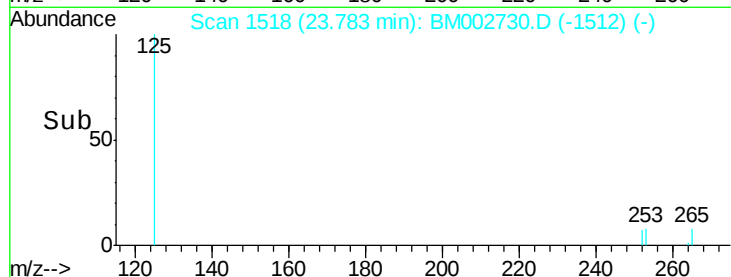
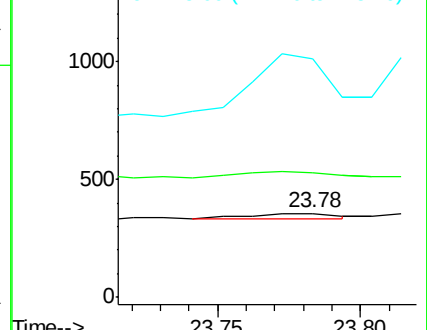
125 284.0 0.0 36.6#



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

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 23.82 min Scan# 1522

Delta R.T. -0.15 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

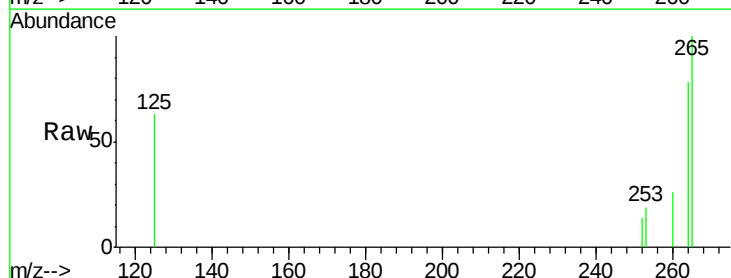
Tgt Ion:252 Resp: 73

Ion Ratio Lower Upper

252 100

253 140.1 20.8 31.2#

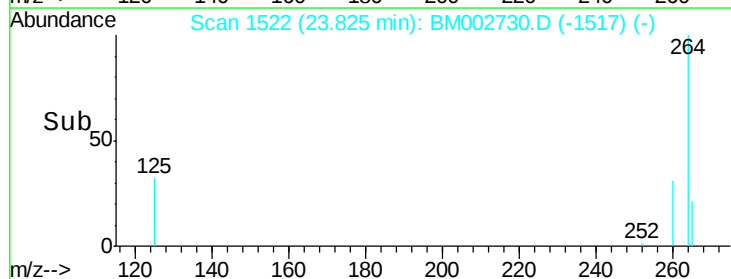
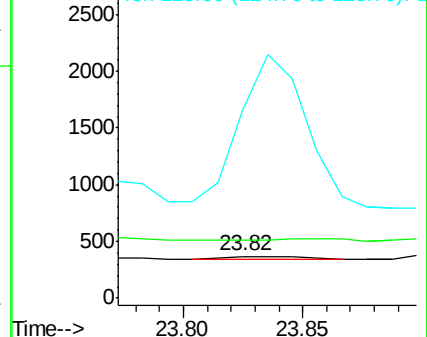
125 449.6 12.2 18.4#

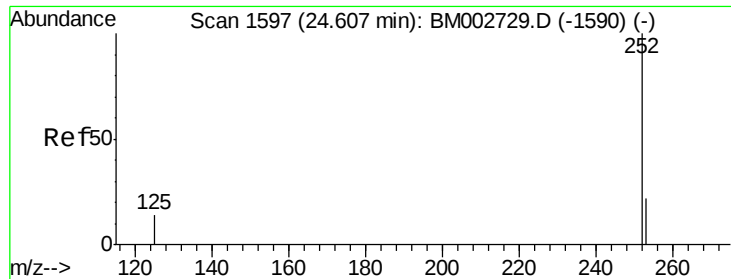


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 24.55 min Scan# 1592

Delta R.T. -0.05 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

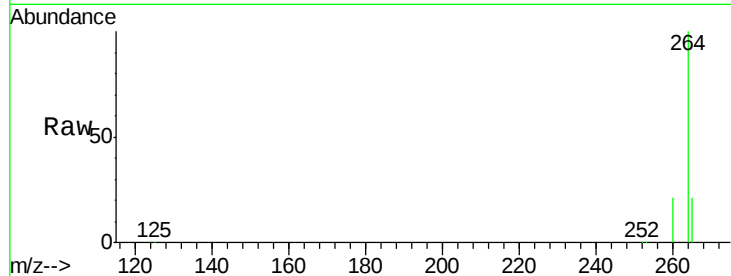
Tgt Ion: 252 Resp: 10959

Ion Ratio Lower Upper

252 100

253 33.9 21.8 32.8#

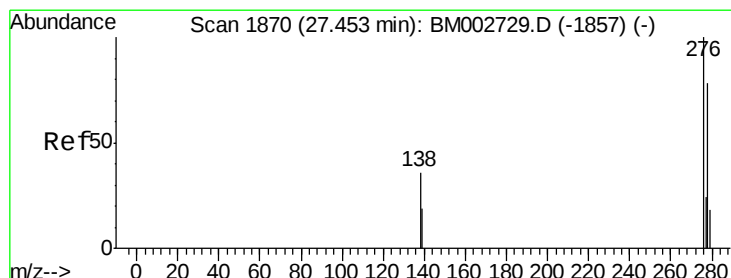
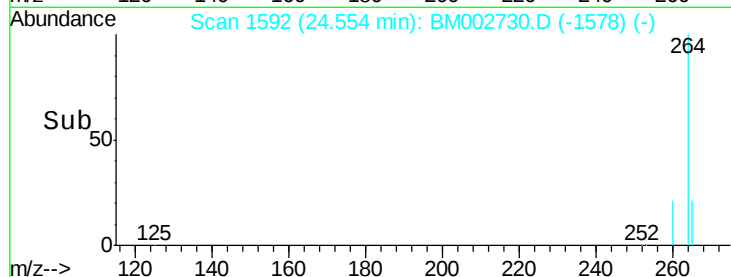
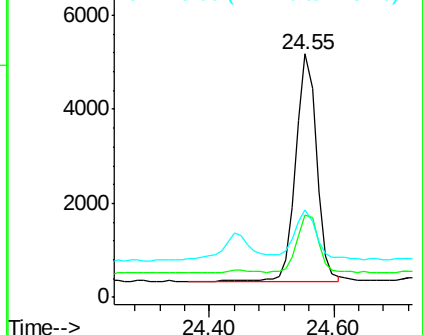
125 36.1 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 27.28 min Scan# 1853

Delta R.T. -0.18 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

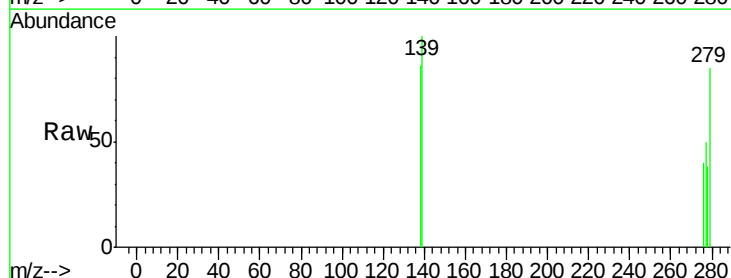
Tgt Ion: 276 Resp: 42

Ion Ratio Lower Upper

276 100

138 0.0 27.5 41.3#

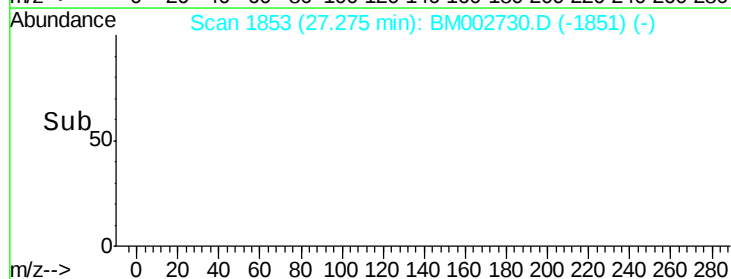
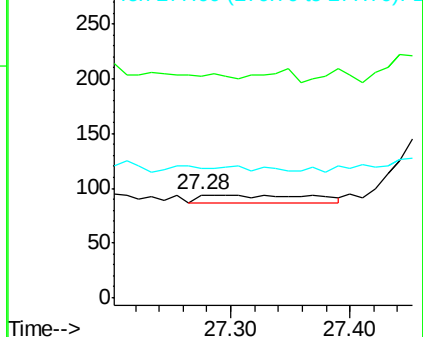
277 0.0 19.3 28.9#

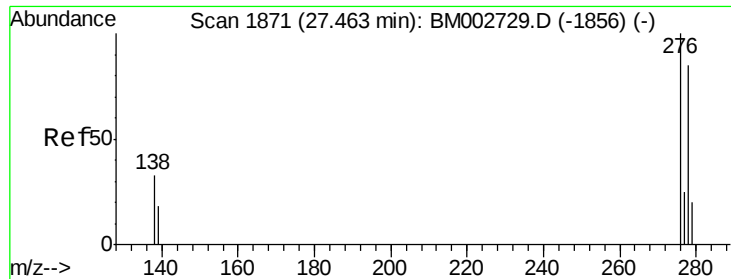


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. -0.16 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SBLK07

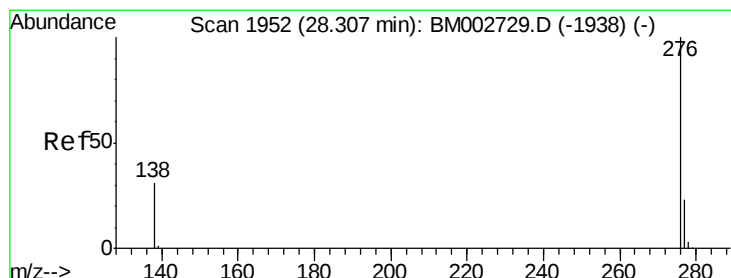
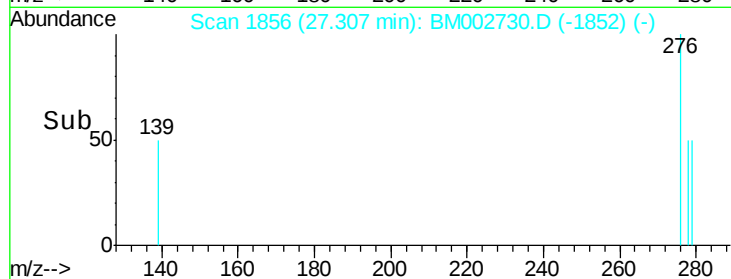
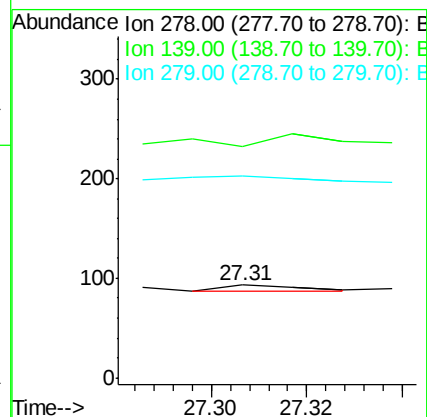
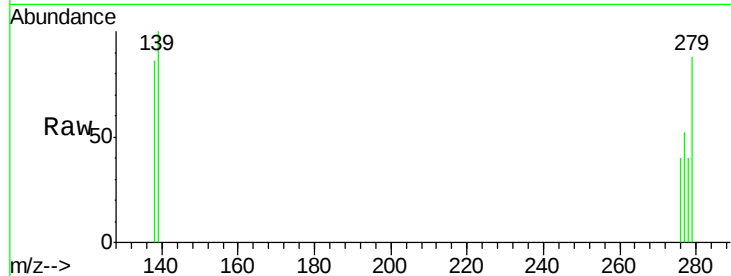
Tgt Ion: 278 Resp: 7

Ion Ratio Lower Upper

278 100

139 249.5 21.7 32.5#

279 218.3 21.9 32.9#



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 28.18 min Scan# 1940

Delta R.T. -0.13 min

Lab File: BM002730.D

Acq: 28 Sep 2015 12:19

Tgt Ion: 276 Resp: 9

Ion Ratio Lower Upper

276 100

277 126.6 21.3 31.9#

138 216.0 25.5 38.3#

