

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072816\
 Data File : BM006728.D
 Acq On : 28 Jul 2016 19:04
 Operator : UM/SJ
 Sample : PB92276BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK76

Quant Time: Jul 29 11:12:20 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	2310	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7885	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4314	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	10556	0.40	ng/ul	0.02
16) Chrysene-d12	21.22	240	10919	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	10770	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	3391	0.34	ng/ul	0.01
14) Fluoranthene-d10	19.06	212	9879	0.35	ng/ul	0.01

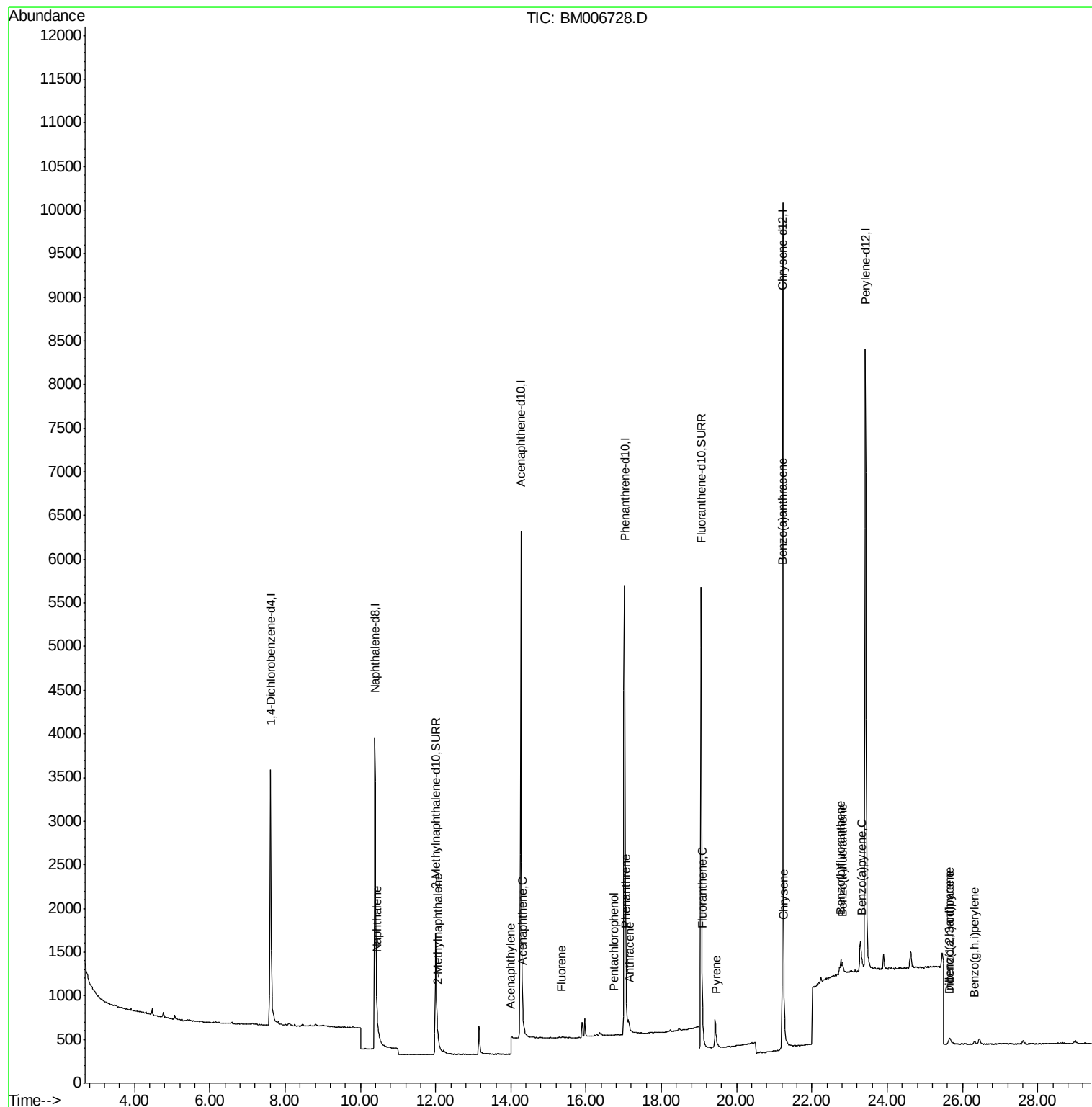
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.44	128	17	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.05	142	9	0.00	ng/ul#	5
7) Acenaphthylene	14.00	152	7	0.00	ng/ul#	1
8) Acenaphthene	14.31	153	5	0.00	ng/ul#	71
9) Fluorene	15.34	166	21	0.00	ng/ul#	46
11) Pentachlorophenol	16.73	266	7	0.01	ng/ul#	20
12) Phenanthrene	17.06	178	39	0.00	ng/ul#	1
13) Anthracene	17.16	178	25	0.00	ng/ul#	1
15) Fluoranthene	19.08	202	912	0.02	ng/ul#	1
17) Pyrene	19.46	202	102	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.21	228	168	0.01	ng/ul#	33
19) Chrysene	21.25	228	248	0.01	ng/ul#	43
21) Benzo(b)fluoranthene	22.76	252	346	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	242	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.34	252	146	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.66	276	1029	0.02	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.66	278	112	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.32	276	106	0.00	ng/ul#	1

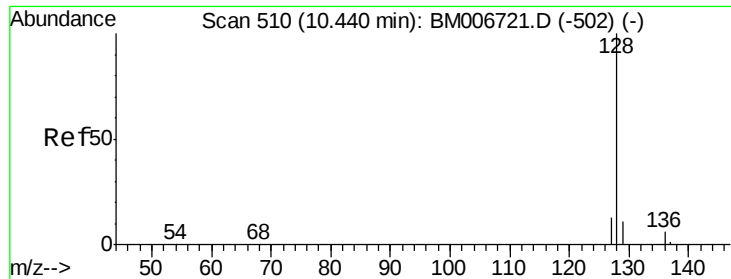
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 15:44:03 2016
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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: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

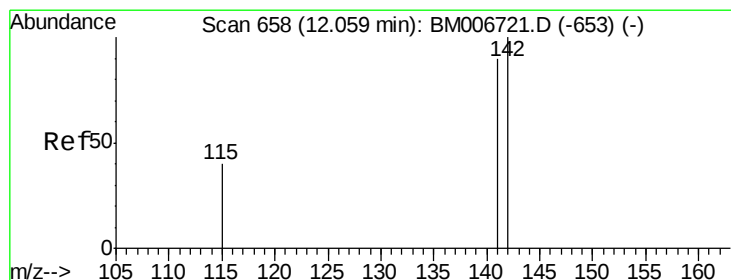
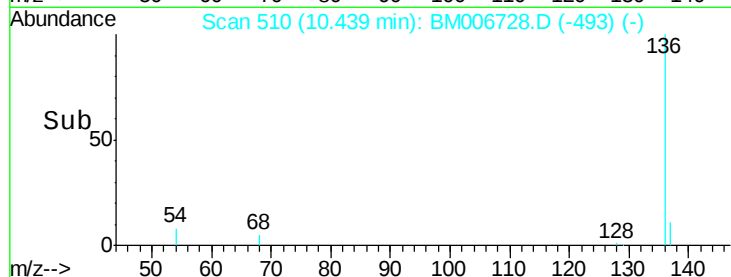
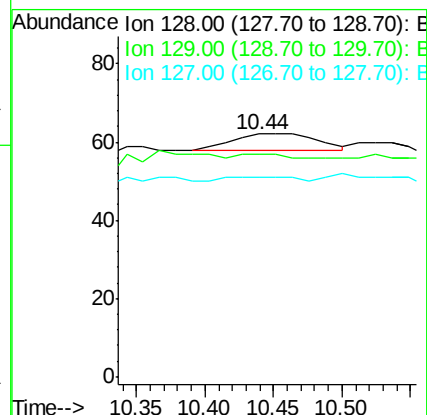
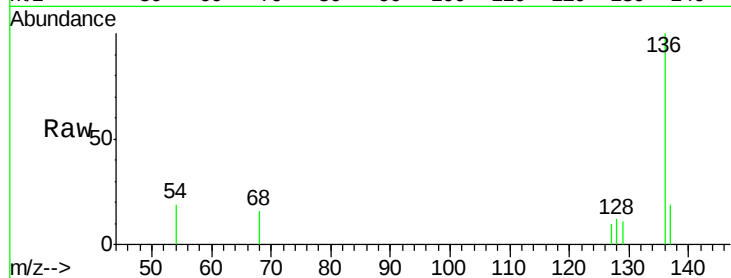
Tgt Ion:128 Resp: 17

Ion Ratio Lower Upper

128 100

129 91.9 9.0 13.6#

127 82.3 9.6 14.4#



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.05 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM006728.D

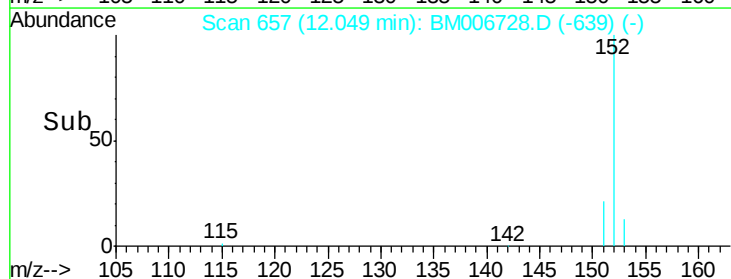
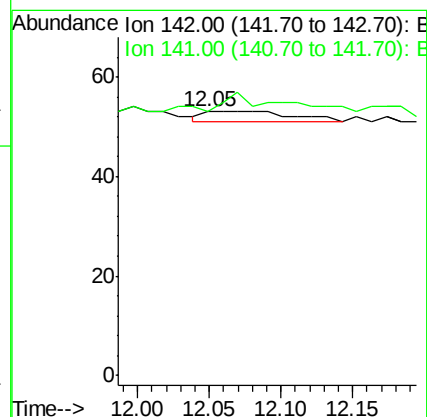
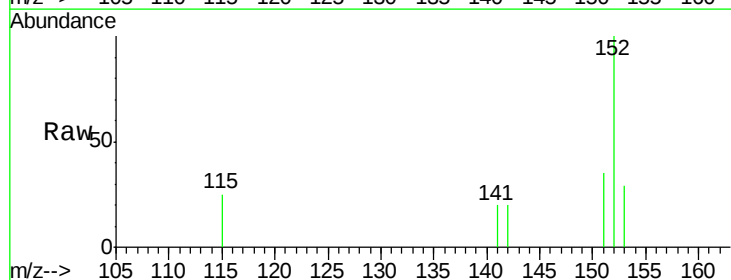
Acq: 28 Jul 2016 19:04

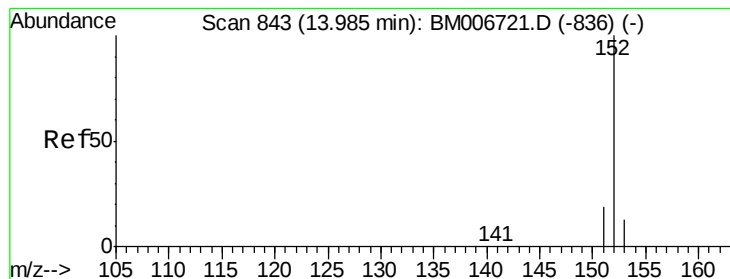
Tgt Ion:142 Resp: 9

Ion Ratio Lower Upper

142 100

141 0.0 70.3 105.5#





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. 0.01 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

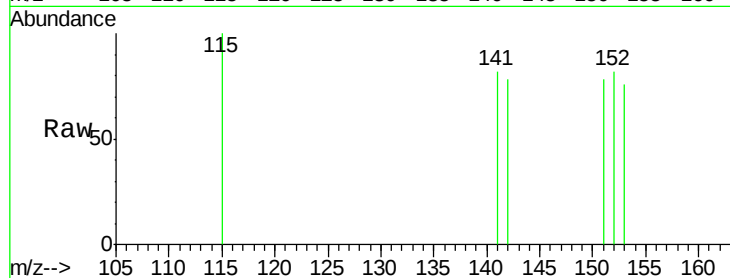
Tgt Ion:152 Resp: 7

Ion Ratio Lower Upper

152 100

151 94.5 17.6 26.4#

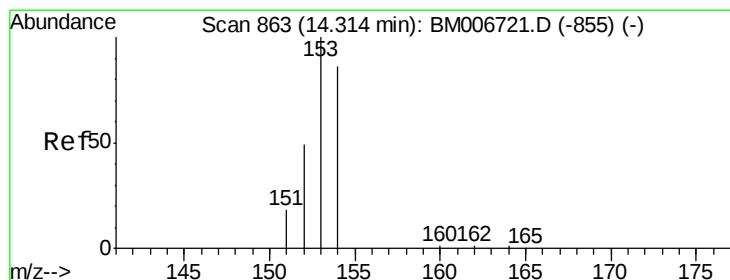
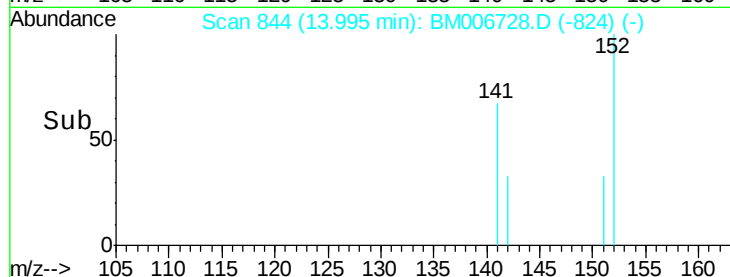
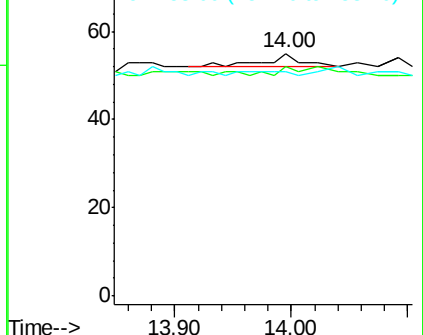
153 92.7 9.7 14.5#



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: 14.31 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

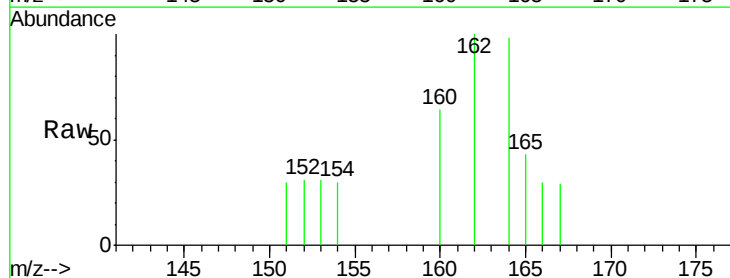
Tgt Ion:153 Resp: 5

Ion Ratio Lower Upper

153 100

152 100.0 33.9 50.9#

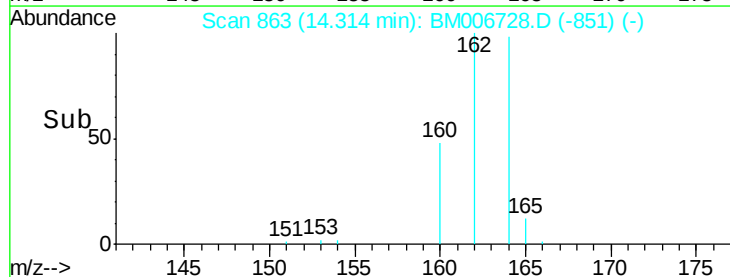
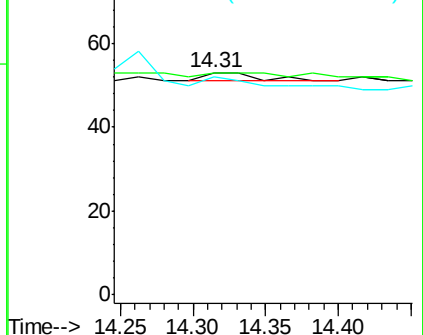
154 98.1 80.6 121.0

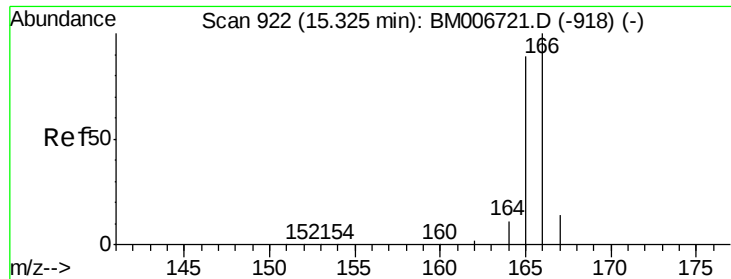


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

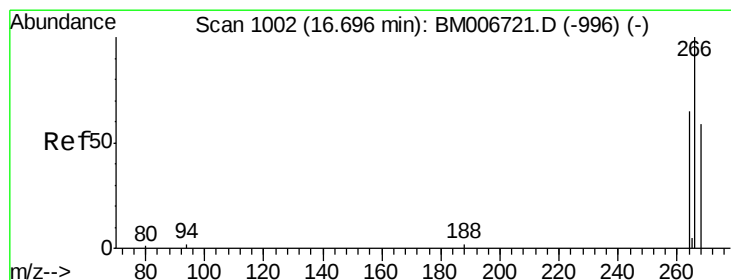
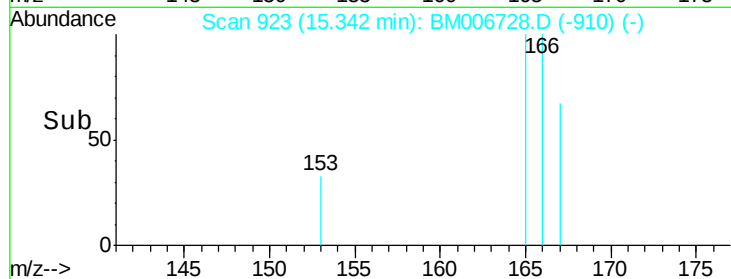
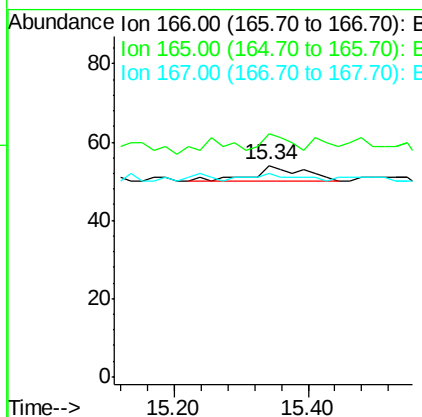
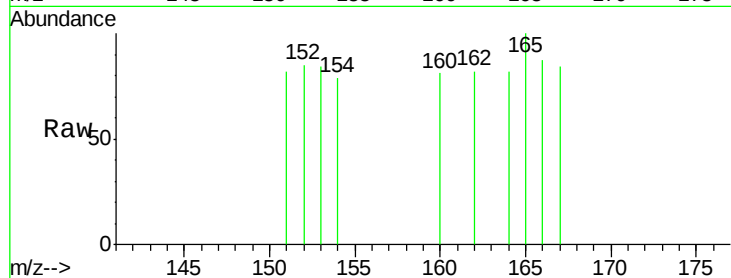




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. 0.02 min
 Lab File: BM006728.D
 Acq: 28 Jul 2016 19:04

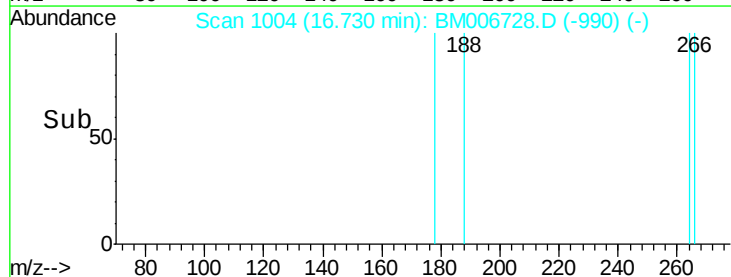
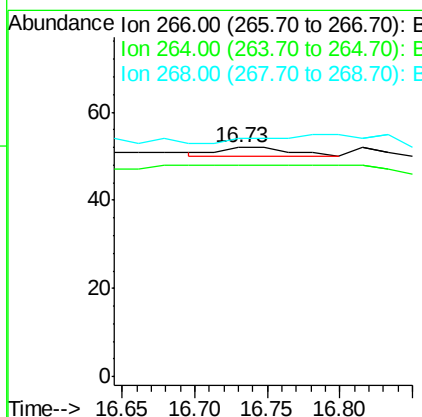
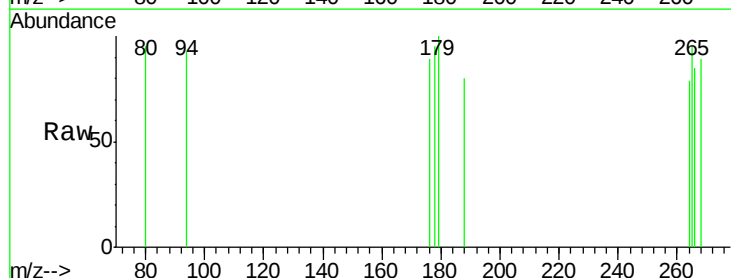
Instrument :
 BNA_M
 ClientSampleId :
 SBLK76

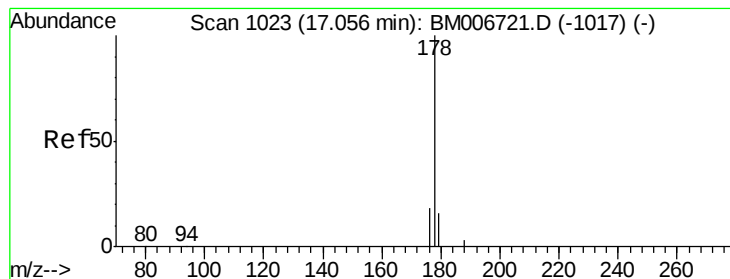
Tgt Ion:166 Resp: 21
 Ion Ratio Lower Upper
 166 100
 165 114.8 69.6 104.4#
 167 96.3 11.9 17.9#



#11
Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.73 min Scan# 1004
 Delta R.T. 0.03 min
 Lab File: BM006728.D
 Acq: 28 Jul 2016 19:04

Tgt Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 0.0 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: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

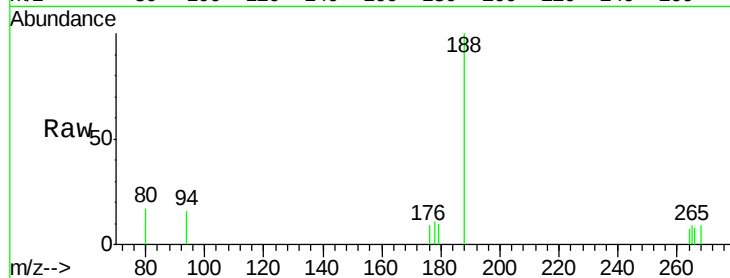
Tgt Ion:178 Resp: 39

Ion Ratio Lower Upper

178 100

176 79.2 13.0 19.4#

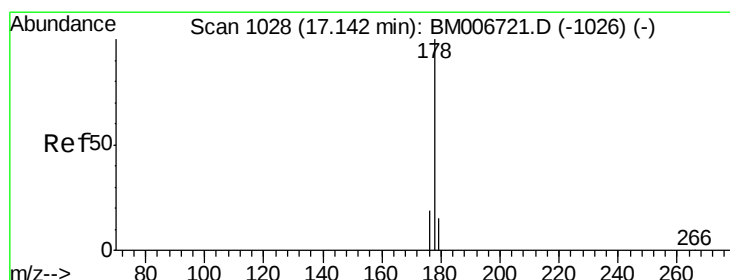
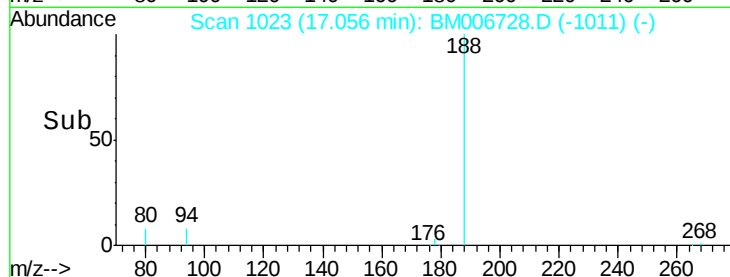
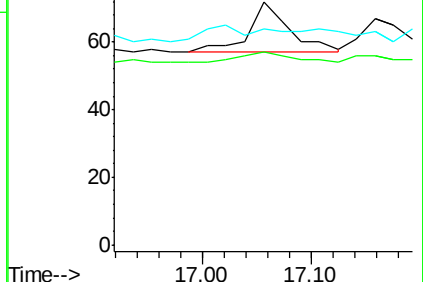
179 88.9 14.2 21.2#



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: BM006728.D

Acq: 28 Jul 2016 19:04

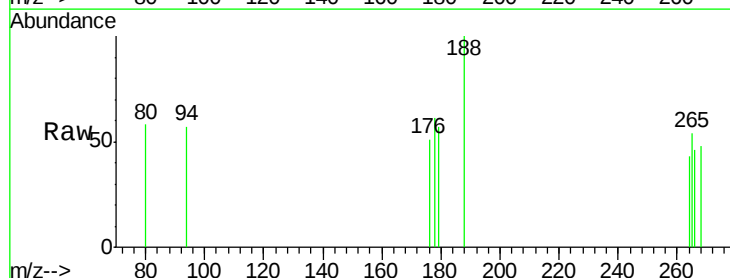
Tgt Ion:178 Resp: 25

Ion Ratio Lower Upper

178 100

176 83.6 14.0 21.0#

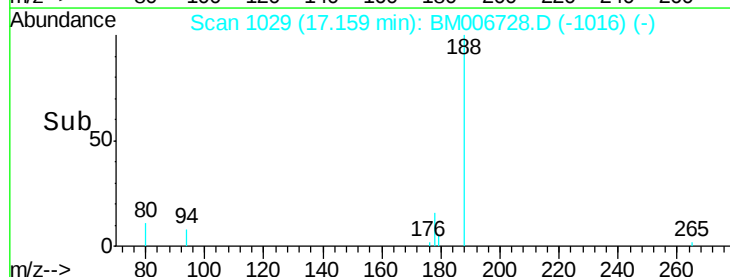
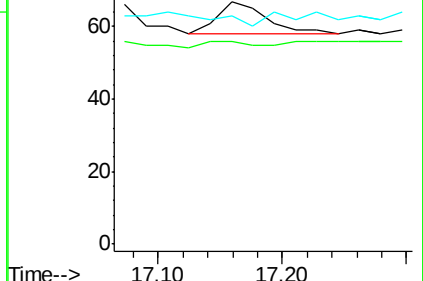
179 94.0 12.9 19.3#

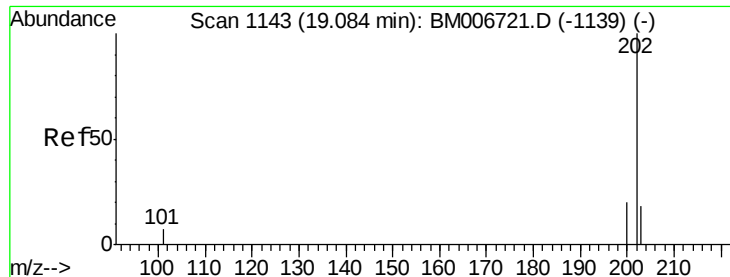


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.08 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

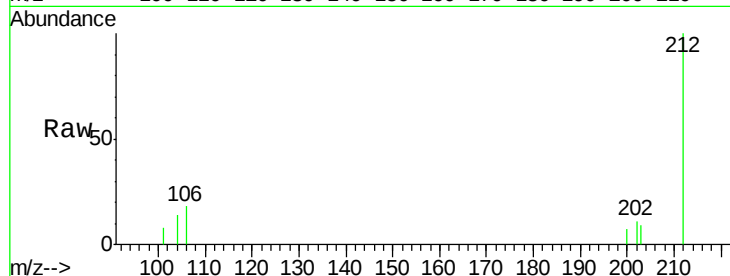
Tgt Ion:202 Resp: 912

Ion Ratio Lower Upper

202 100

101 69.9 0.0 29.6#

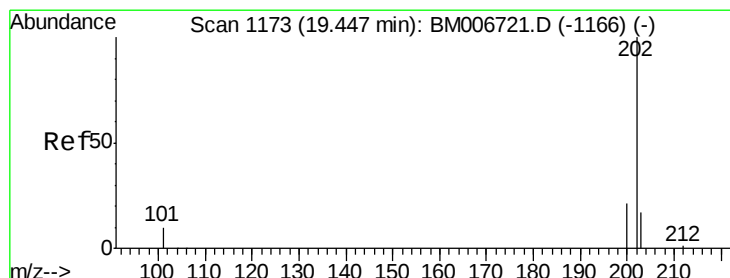
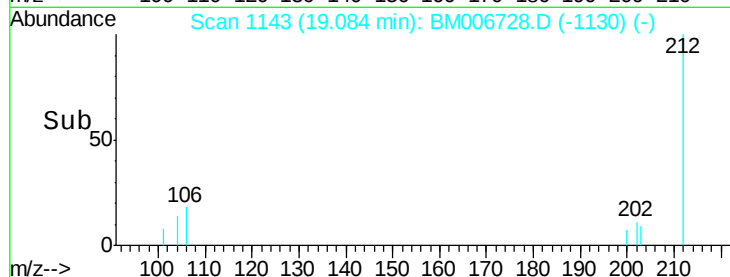
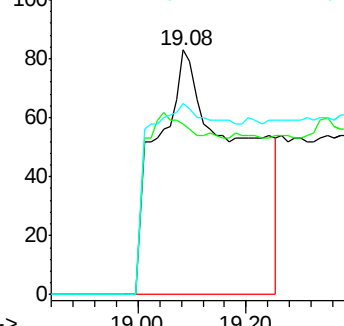
203 78.3 0.0 36.3#



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: BM006728.D

Acq: 28 Jul 2016 19:04

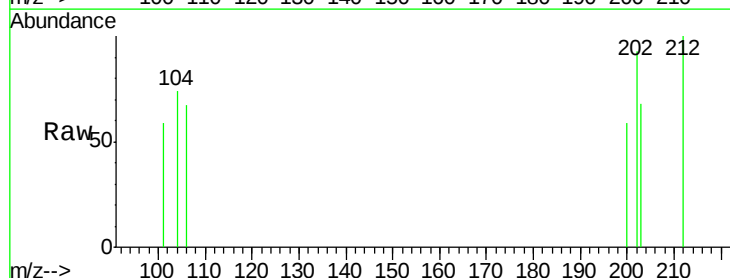
Tgt Ion:202 Resp: 102

Ion Ratio Lower Upper

202 100

200 63.7 17.8 26.8#

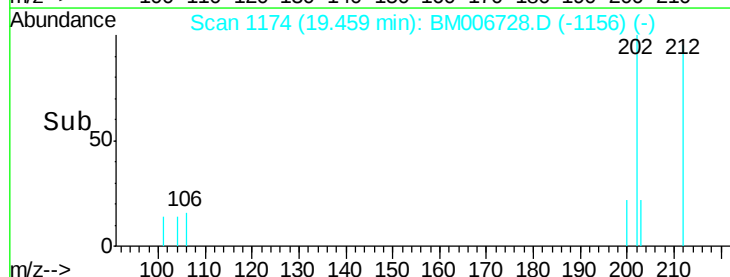
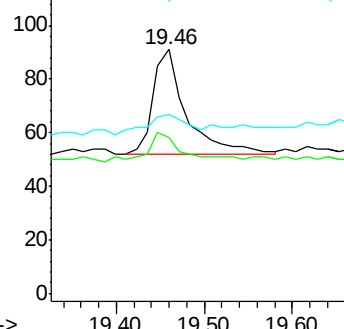
203 73.6 12.8 19.2#

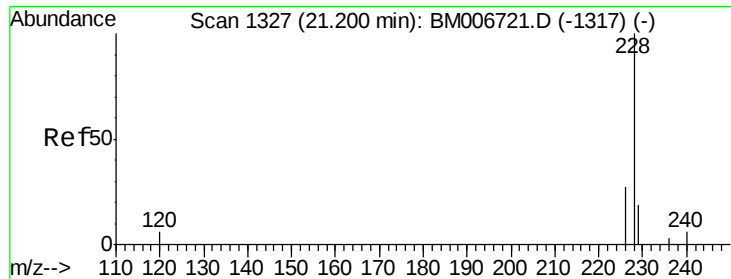


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

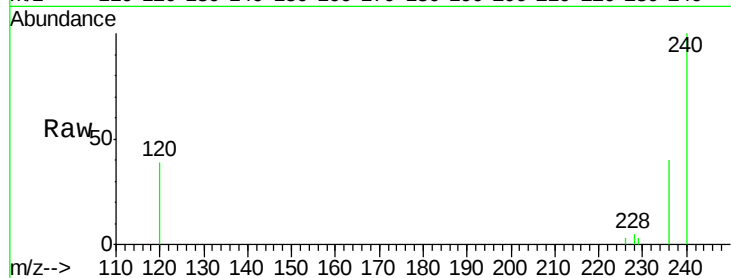
Tgt Ion:228 Resp: 168

Ion Ratio Lower Upper

228 100

226 55.9 18.8 28.2#

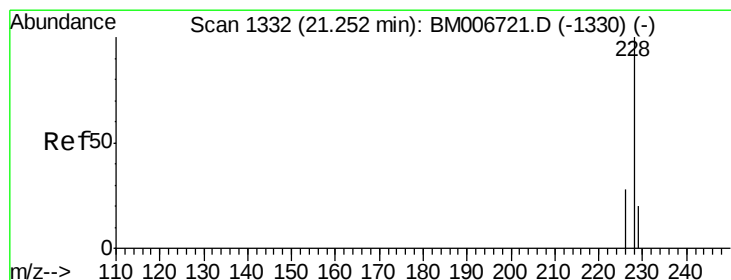
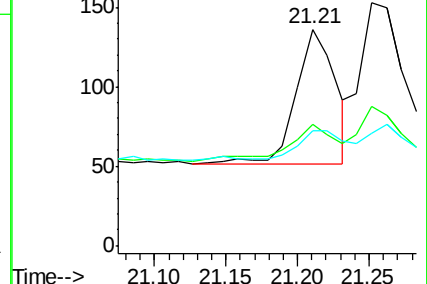
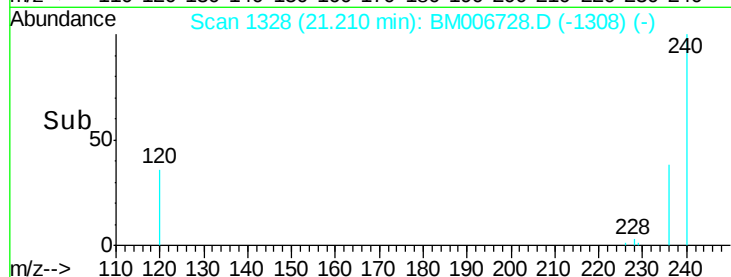
229 52.9 17.1 25.7#



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: BM006728.D

Acq: 28 Jul 2016 19:04

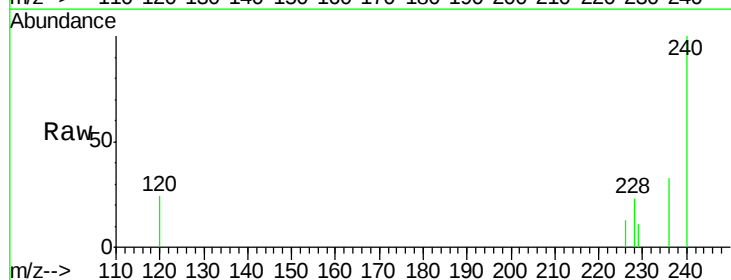
Tgt Ion:228 Resp: 248

Ion Ratio Lower Upper

228 100

226 57.5 21.2 31.8#

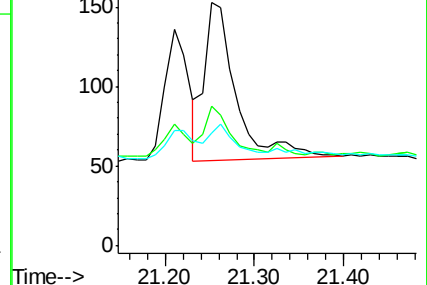
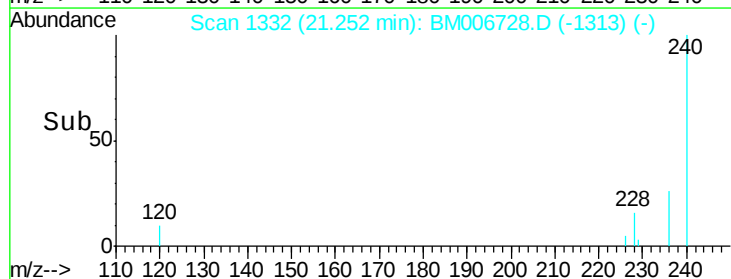
229 46.4 17.0 25.6#

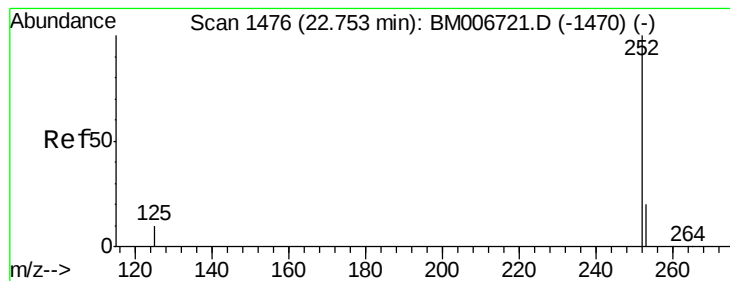


Abundance Ion 228.00 (227.70 to 228.70): E

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: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

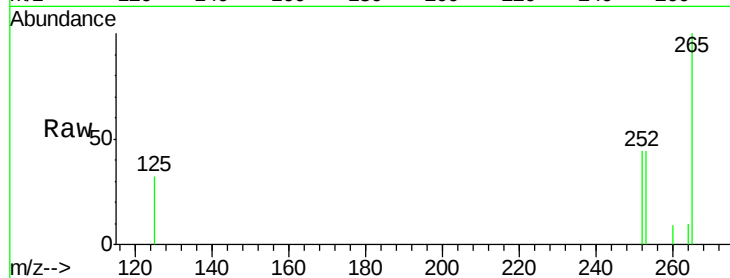
Tgt Ion:252 Resp: 346

Ion Ratio Lower Upper

252 100

253 98.5 0.0 45.4#

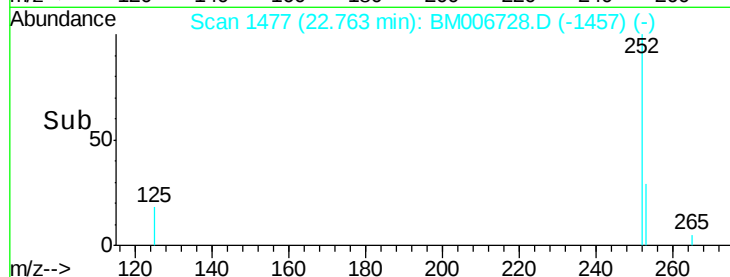
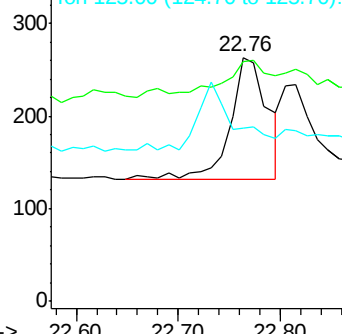
125 71.1 0.0 28.8#



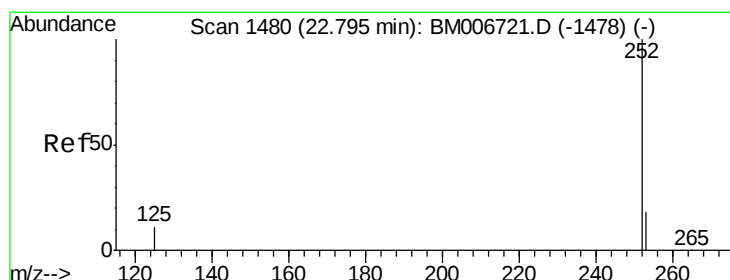
Abundance Ion 252.00 (251.70 to 252.70): E

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: 22.82 min Scan# 1482

Delta R.T. 0.02 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

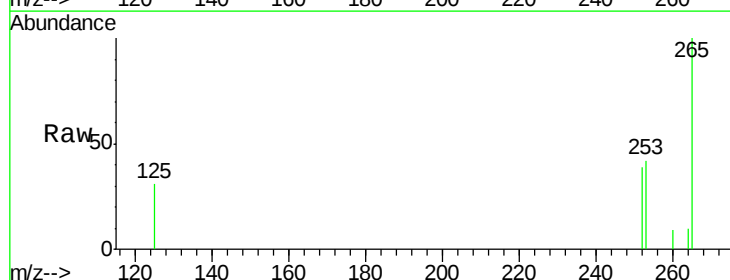
Tgt Ion:252 Resp: 242

Ion Ratio Lower Upper

252 100

253 107.3 19.8 29.8#

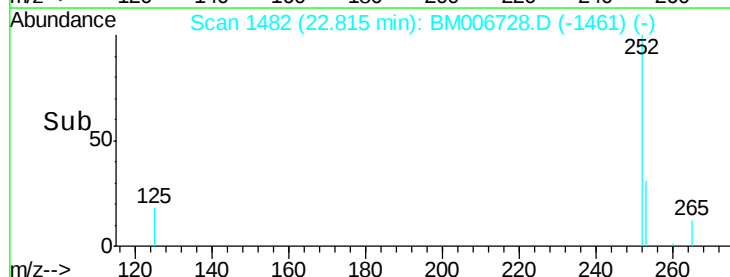
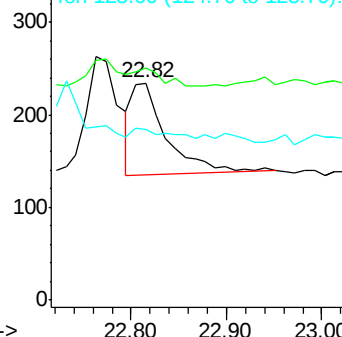
125 78.6 10.4 15.6#



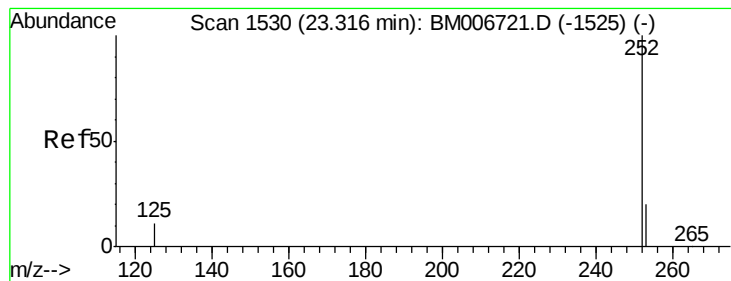
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.34 min Scan# 1532

Delta R.T. 0.02 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

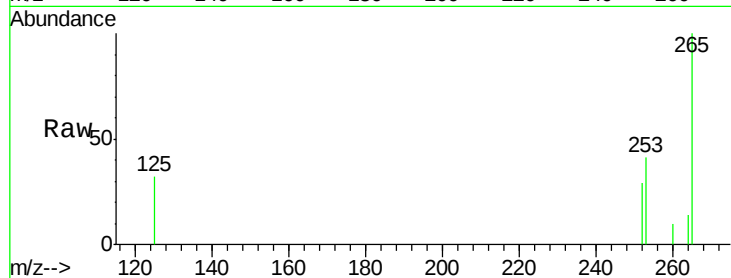
Tgt Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

253 138.8 19.4 29.2#

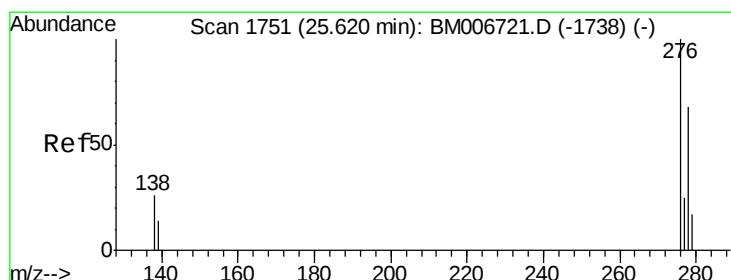
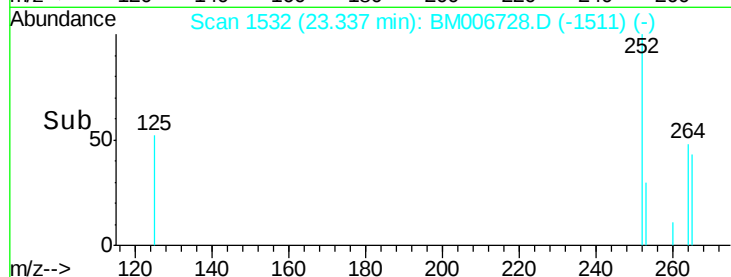
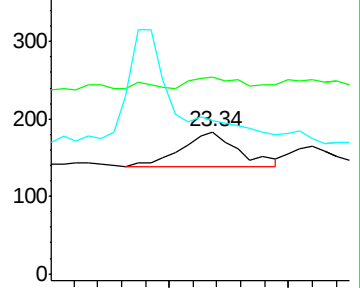
125 108.2 12.7 19.1#



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: 0.02 ng/ul

RT: 25.66 min Scan# 1755

Delta R.T. 0.04 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

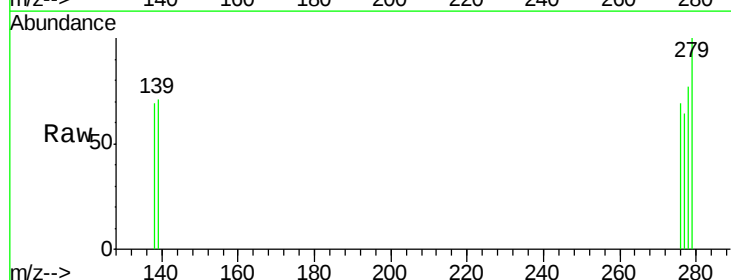
Tgt Ion:276 Resp: 1029

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

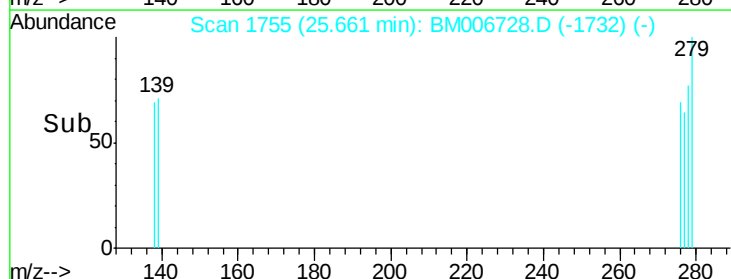
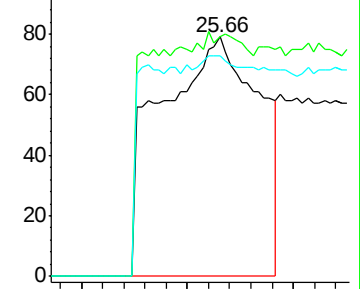
277 0.0 19.8 29.8#

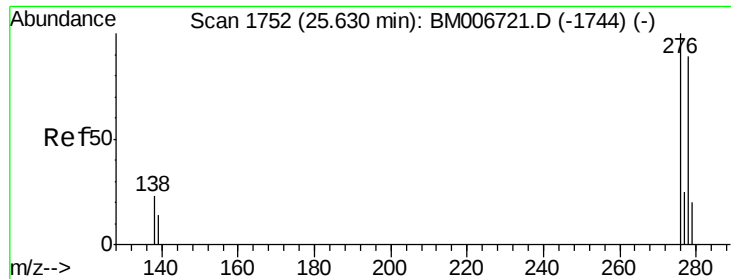


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.66 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

Instrument :

BNA_M

ClientSampleId :

SBLK76

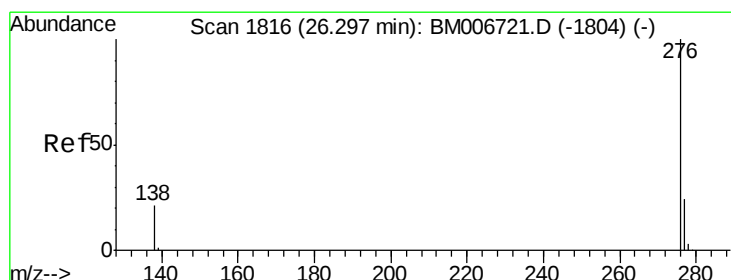
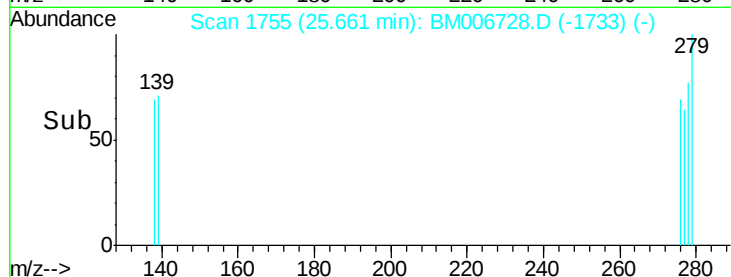
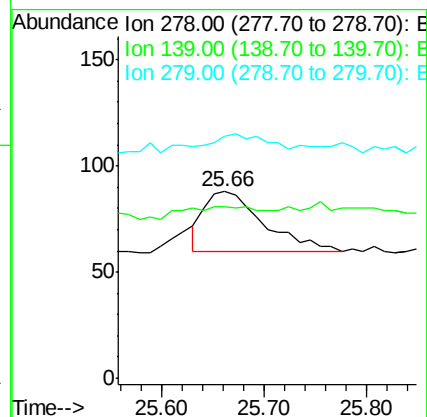
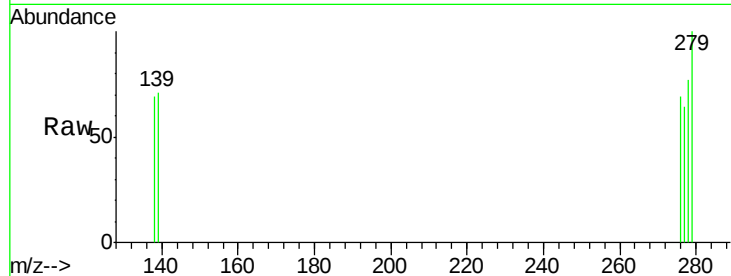
Tgt Ion: 278 Resp: 112

Ion Ratio Lower Upper

278 100

139 92.0 16.4 24.6#

279 129.5 20.2 30.2#



#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.32 min Scan# 1818

Delta R.T. 0.02 min

Lab File: BM006728.D

Acq: 28 Jul 2016 19:04

Tgt Ion: 276 Resp: 106

Ion Ratio Lower Upper

276 100

277 92.3 18.9 28.3#

138 101.3 22.5 33.7#

