

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031915\
 Data File : BM000735.D
 Acq On : 19 Mar 2015 19:43
 Operator : TP/IZ
 Sample : PB82007BL
 Misc : SBLK32
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK32

Quant Time: Mar 20 11:14:18 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 : Thu Mar 19 15:39:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2574	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	8656	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	4606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8994	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7696	0.40	ng/ul	0.01
20) Perylene-d12	23.42	264	7166	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3557	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	6958	0.39	ng/ul	0.00

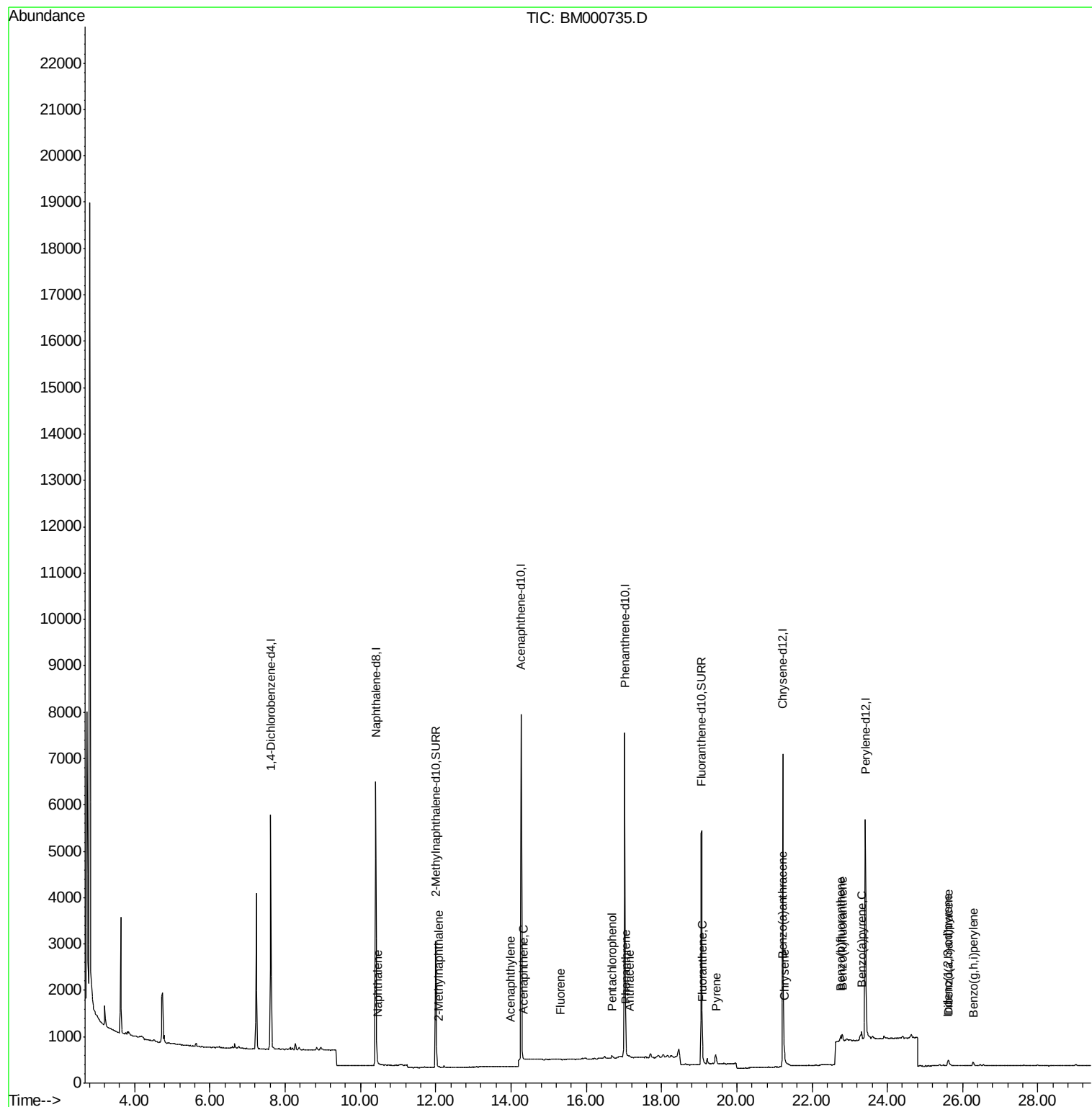
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	28	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.08	142	6	0.00	ng/ul#	1
7) Acenaphthylene	13.99	152	9	0.00	ng/ul#	1
8) Acenaphthene	14.33	153	6	0.00	ng/ul#	66
9) Fluorene	15.32	166	14	0.00	ng/ul#	44
11) Pentachlorophenol	16.68	266	93	0.08	ng/ul#	82
12) Phenanthrene	17.05	178	195	0.01	ng/ul#	1
13) Anthracene	17.15	178	45	0.00	ng/ul#	1
15) Fluoranthene	19.09	202	338	0.01	ng/ul#	41
17) Pyrene	19.45	202	272	0.01	ng/ul#	44
18) Benzo(a)anthracene	21.21	228	143	0.01	ng/ul#	38
19) Chrysene	21.26	228	198	0.01	ng/ul#	64
21) Benzo(b)fluoranthene	22.76	252	169	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.80	252	180	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	274	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.61	276	142	0.01	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.63	278	167	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	26.28	276	154	0.01	ng/ul#	17

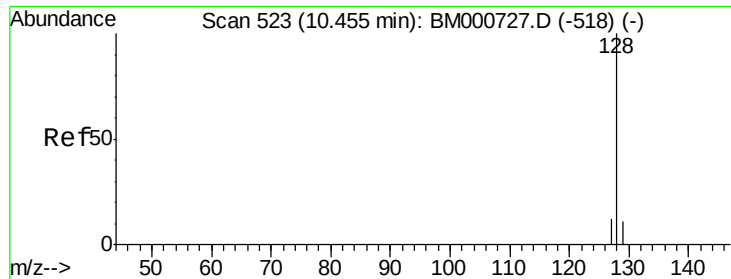
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

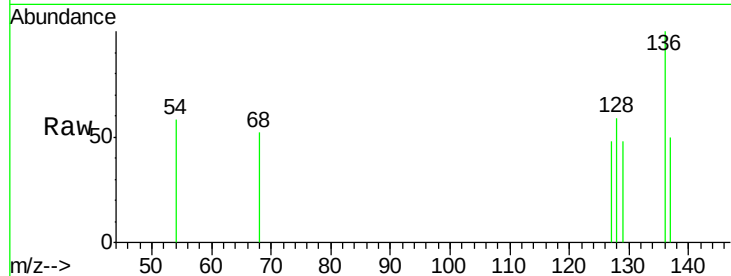
Tgt Ion:128 Resp: 28

Ion Ratio Lower Upper

128 100

129 80.6 9.3 13.9#

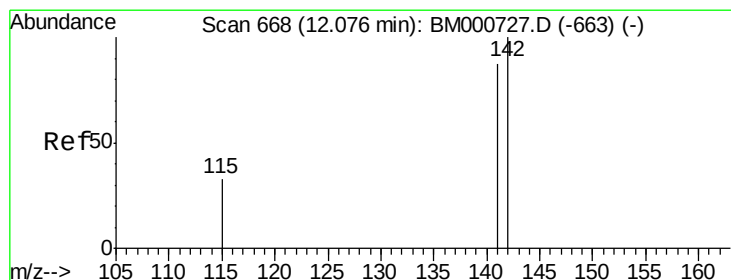
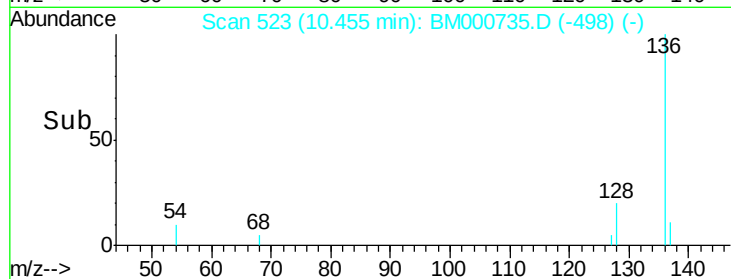
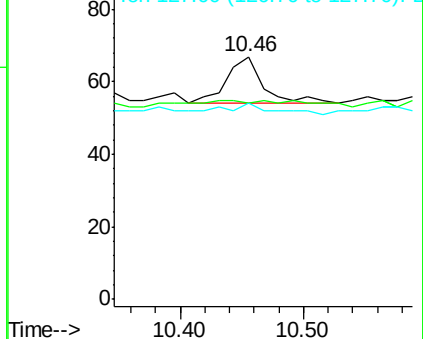
127 80.6 10.2 15.4#



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: 12.08 min Scan# 668

Delta R.T. 0.00 min

Lab File: BM000735.D

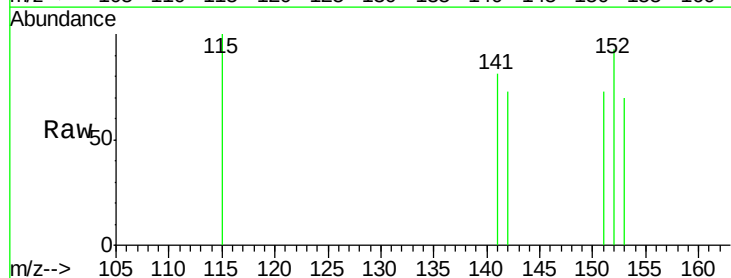
Acq: 19 Mar 2015 19:43

Tgt Ion:142 Resp: 6

Ion Ratio Lower Upper

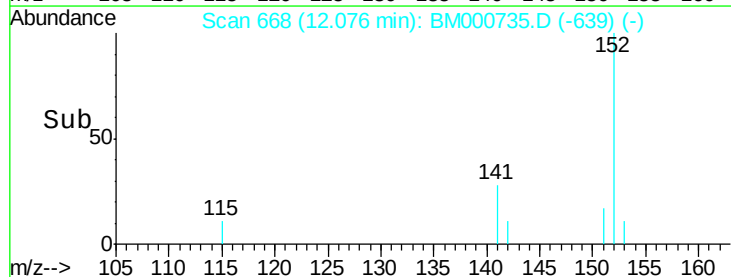
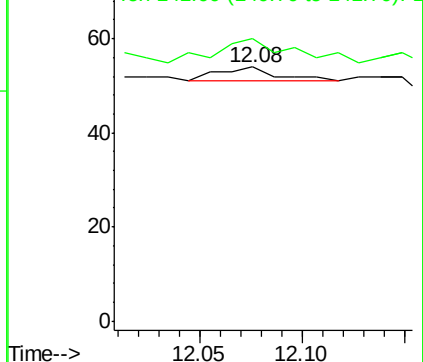
142 100

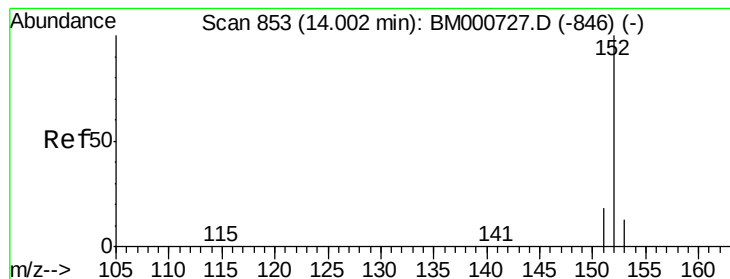
141 200.0 70.6 106.0#



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: 13.99 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

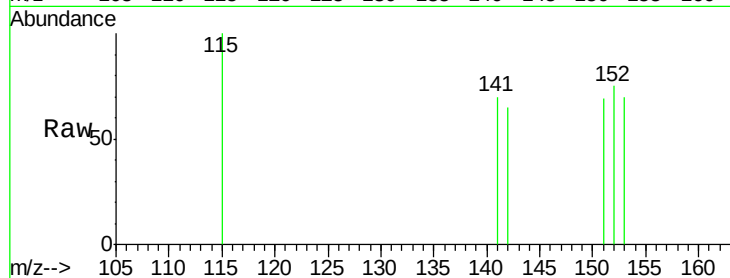
Tgt Ion:152 Resp: 9

Ion Ratio Lower Upper

152 100

151 91.7 15.2 22.8#

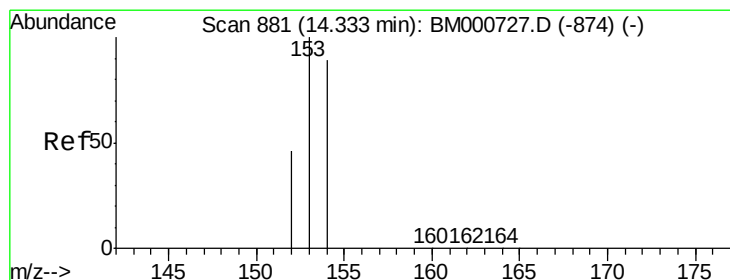
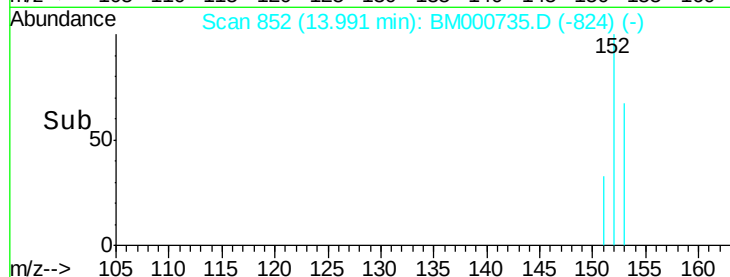
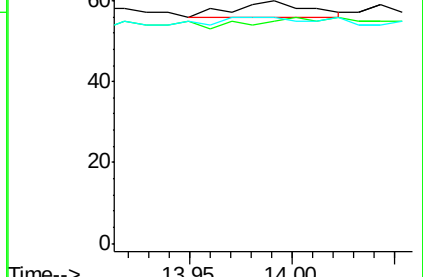
153 93.3 11.2 16.8#



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: BM000735.D

Acq: 19 Mar 2015 19:43

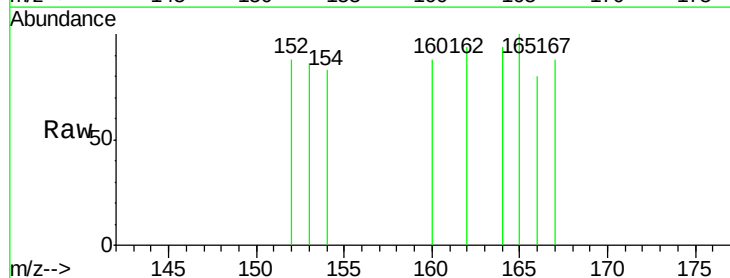
Tgt Ion:153 Resp: 6

Ion Ratio Lower Upper

153 100

152 101.8 37.8 56.6#

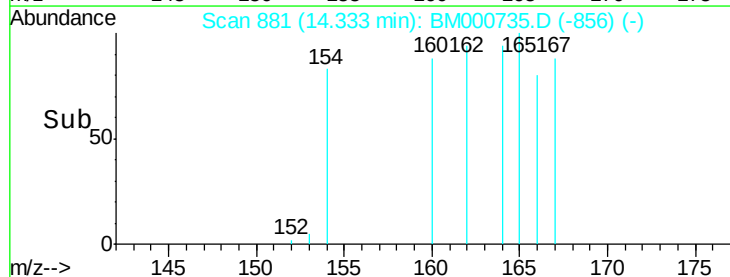
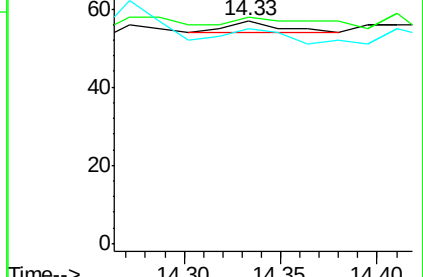
154 96.5 71.0 106.6

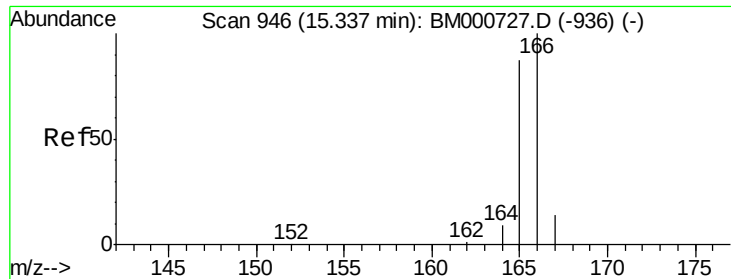


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

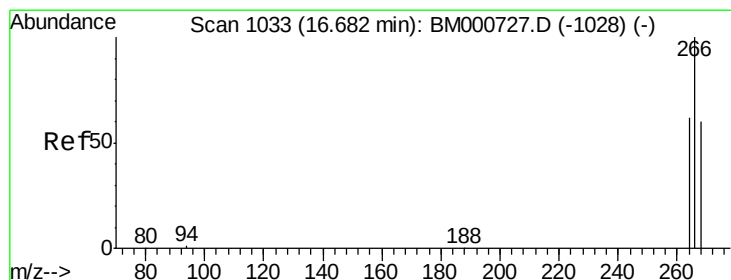
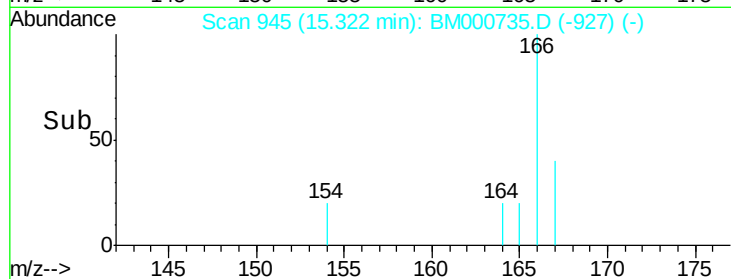
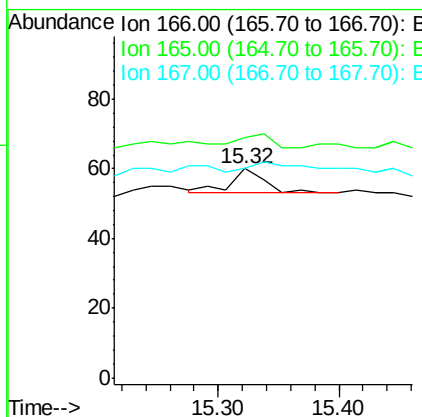
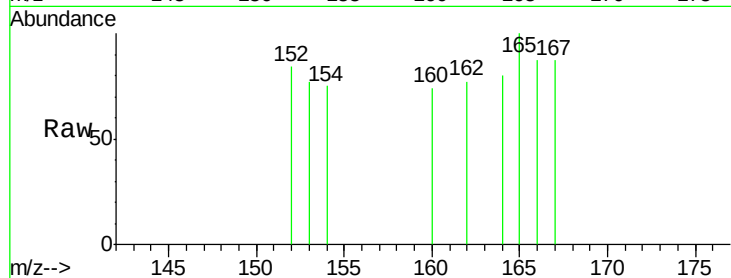




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.32 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BM000735.D
 Acq: 19 Mar 2015 19:43

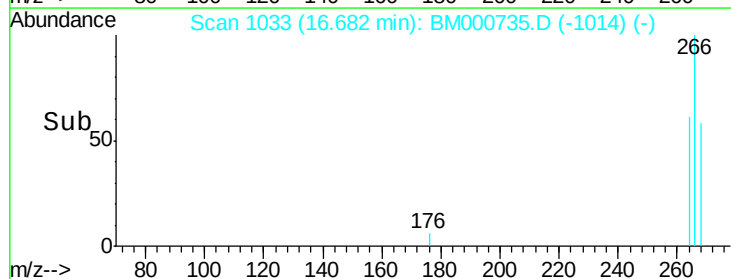
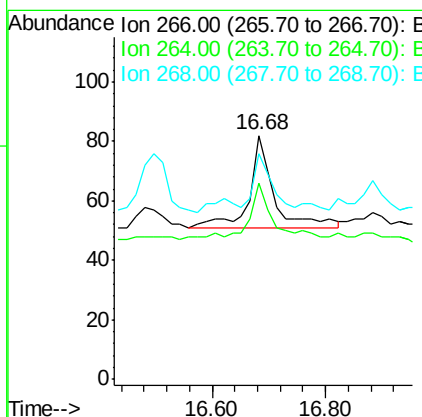
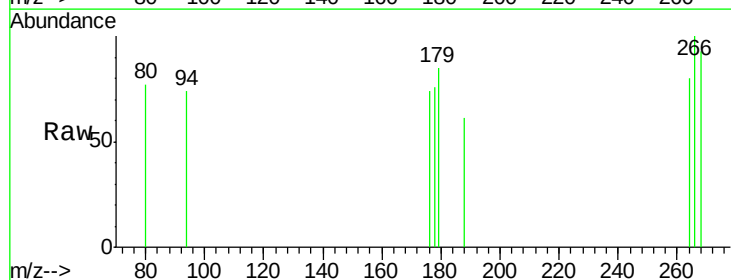
Instrument :
 BNA_M
 ClientSampleId :
 SBLK32

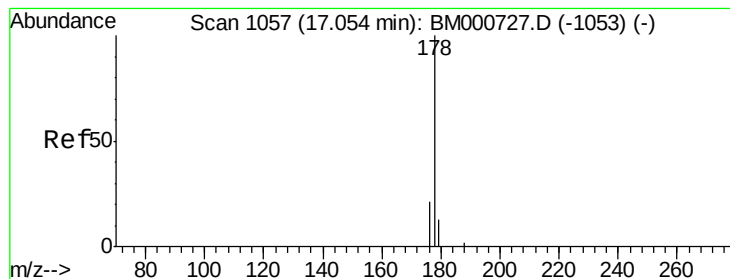
Tgt Ion:166 Resp: 14
 Ion Ratio Lower Upper
 166 100
 165 115.0 69.8 104.6#
 167 100.0 12.5 18.7#



#11
Pentachlorophenol
 Concen: 0.08 ng/ul
 RT: 16.68 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM000735.D
 Acq: 19 Mar 2015 19:43

Tgt Ion:266 Resp: 93
 Ion Ratio Lower Upper
 266 100
 264 62.4 47.8 71.8
 268 39.8 51.7 77.5#





#12

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.05 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

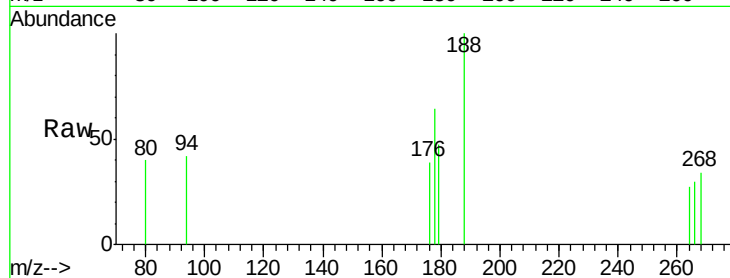
Tgt Ion:178 Resp: 195

Ion Ratio Lower Upper

178 100

176 60.5 17.4 26.0#

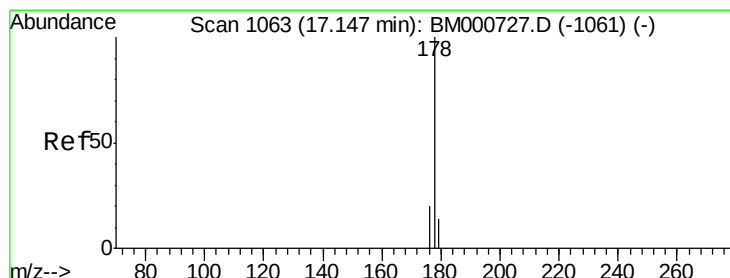
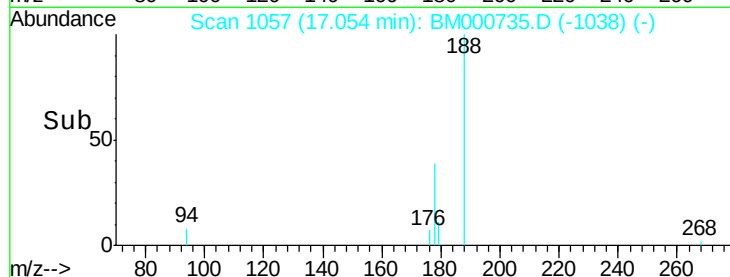
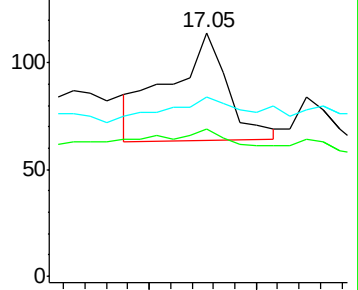
179 73.7 11.5 17.3#



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: 17.15 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

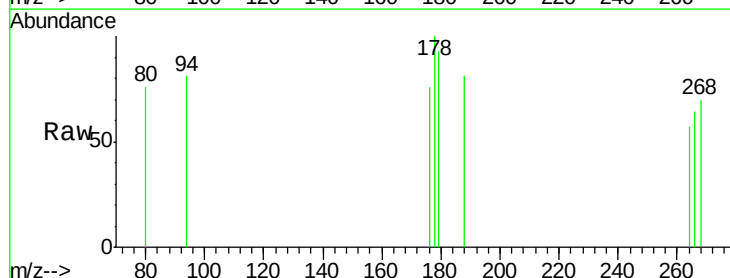
Tgt Ion:178 Resp: 45

Ion Ratio Lower Upper

178 100

176 76.2 16.7 25.1#

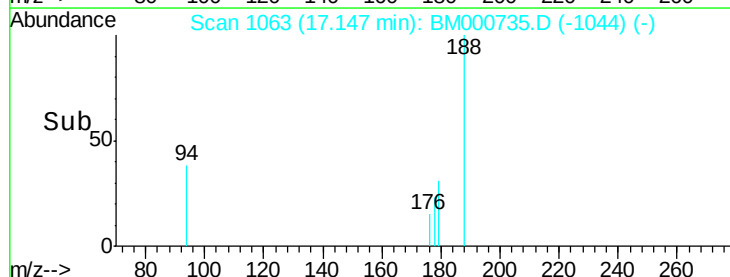
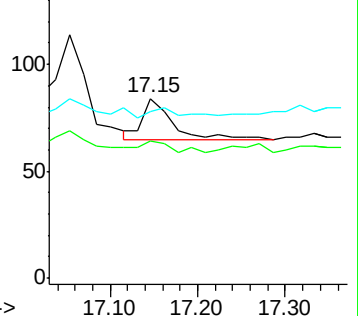
179 92.9 12.0 18.0#

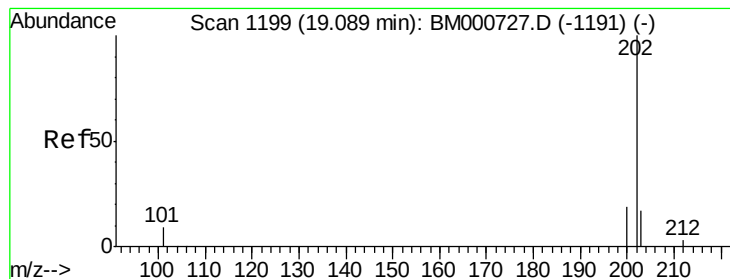


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.01 ng/ul

RT: 19.09 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

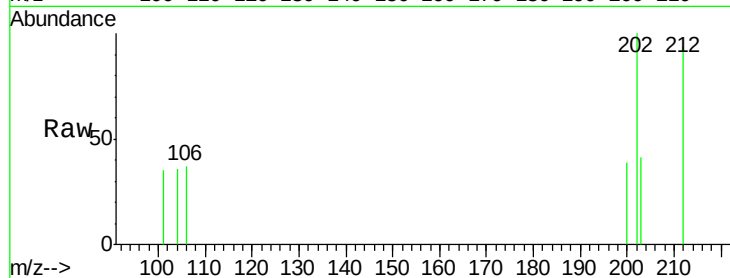
Tgt Ion:202 Resp: 338

Ion Ratio Lower Upper

202 100

101 34.6 0.0 29.8#

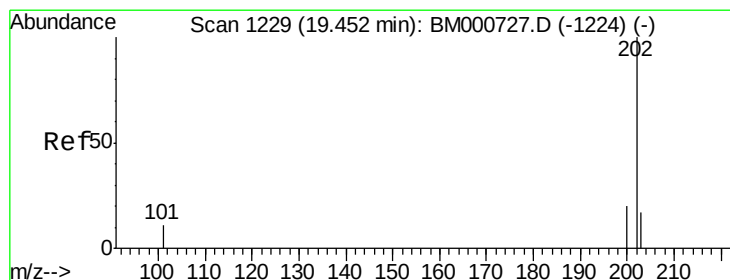
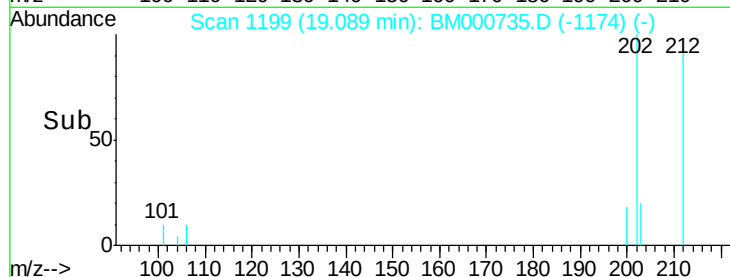
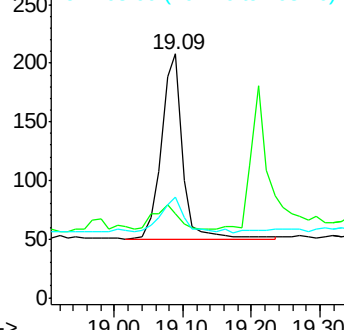
203 41.3 0.0 37.7#



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: 0.01 ng/ul

RT: 19.45 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

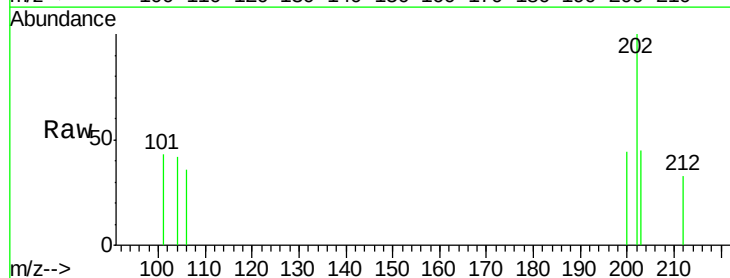
Tgt Ion:202 Resp: 272

Ion Ratio Lower Upper

202 100

200 43.9 16.3 24.5#

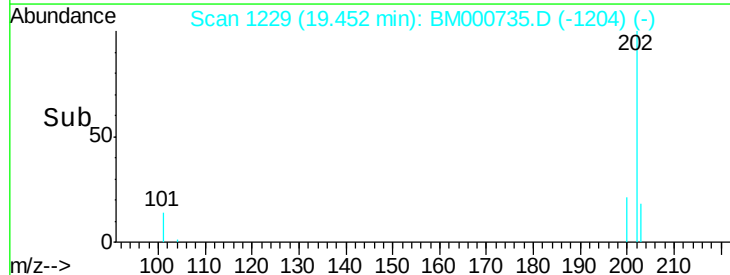
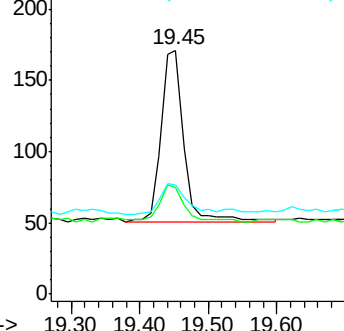
203 45.0 13.9 20.9#

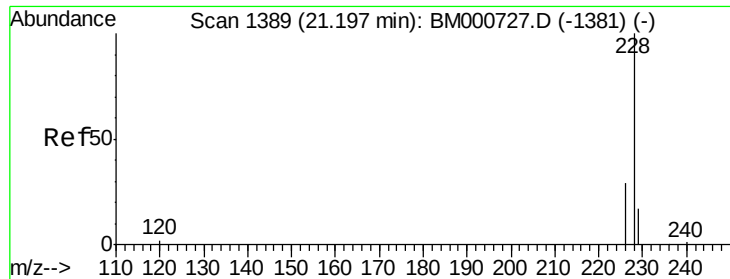


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.21 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

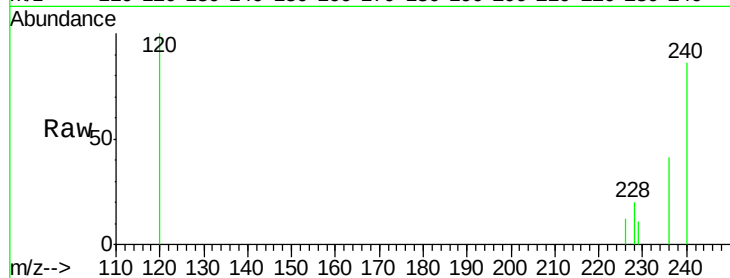
Tgt Ion:228 Resp: 143

Ion Ratio Lower Upper

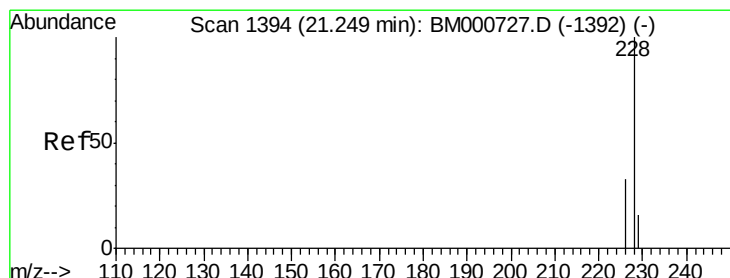
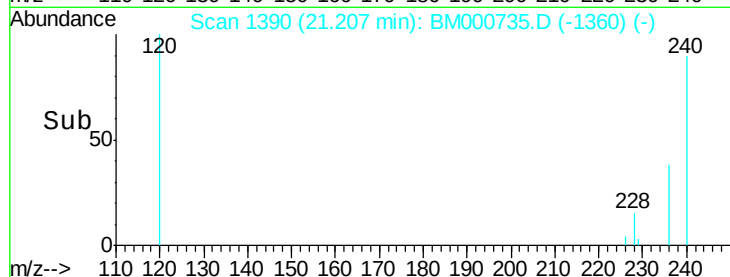
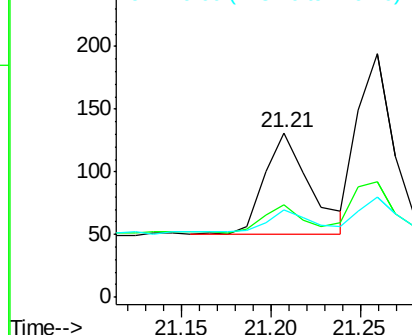
228 100

226 56.5 23.7 35.5#

229 53.4 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: 0.01 ng/ul

RT: 21.26 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

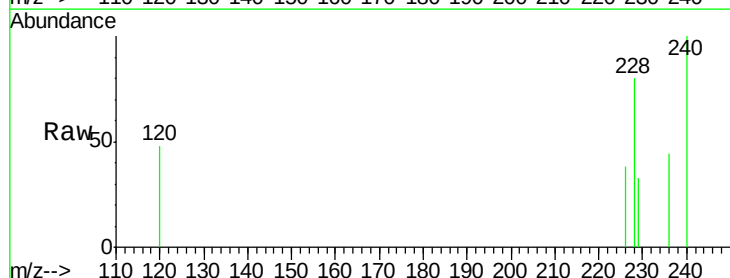
Tgt Ion:228 Resp: 198

Ion Ratio Lower Upper

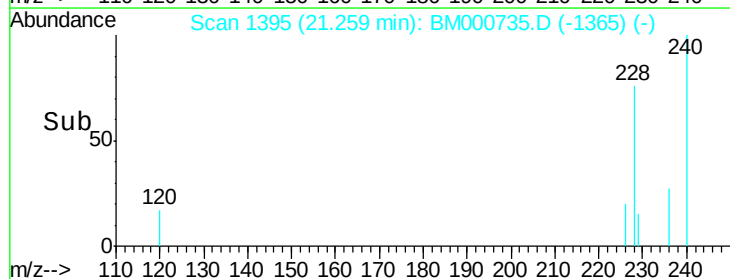
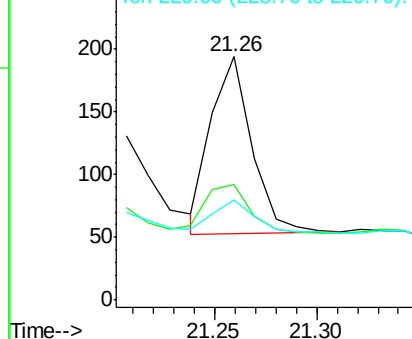
228 100

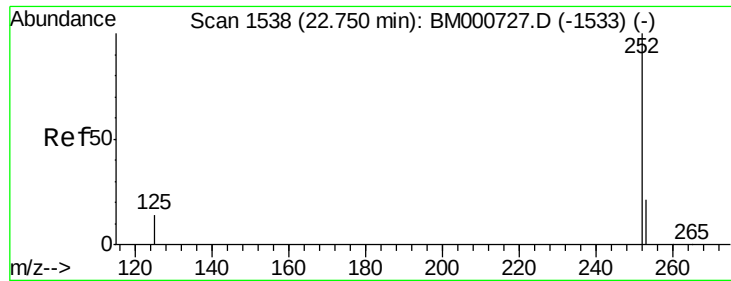
226 47.4 26.1 39.1#

229 41.2 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: 0.01 ng/ul

RT: 22.76 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

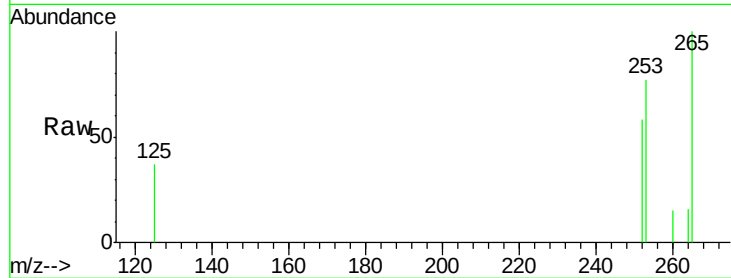
Tgt Ion: 252 Resp: 169

Ion Ratio Lower Upper

252 100

253 133.2 0.0 49.2#

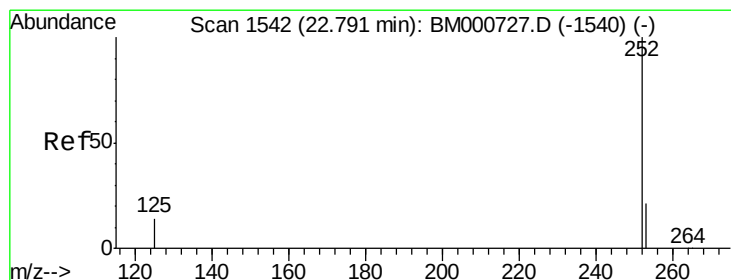
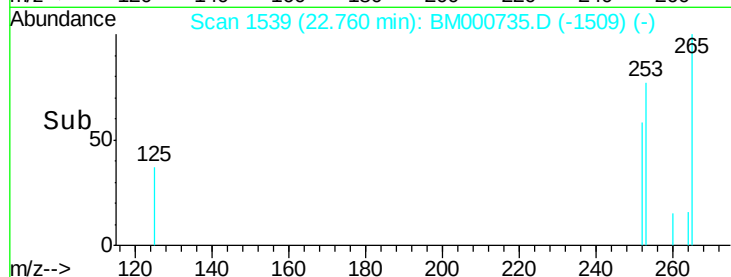
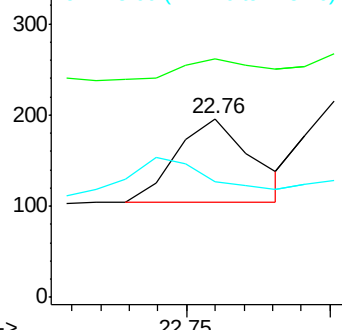
125 64.8 0.0 30.0#



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: 0.01 ng/ul

RT: 22.80 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

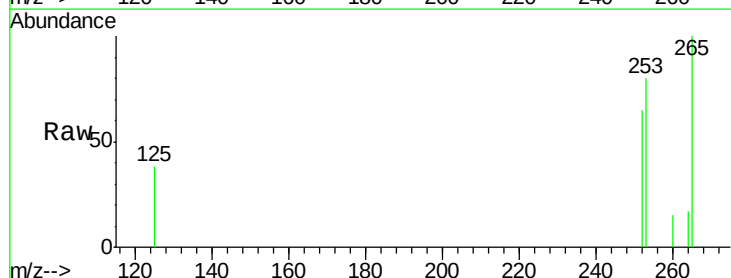
Tgt Ion: 252 Resp: 180

Ion Ratio Lower Upper

252 100

253 123.6 19.8 29.6#

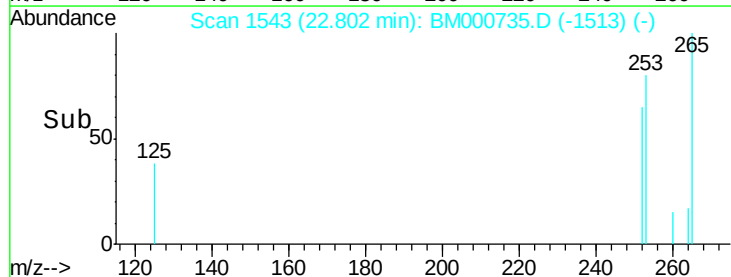
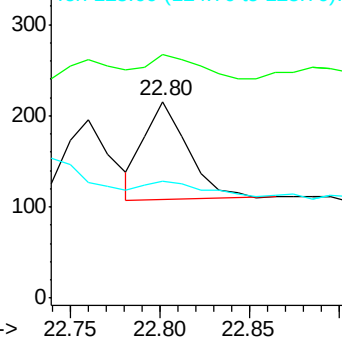
125 59.3 12.2 18.2#

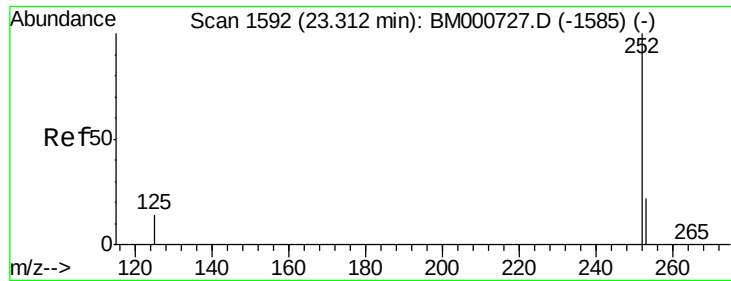


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.31 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

Instrument :

BNA_M

ClientSampleId :

SBLK32

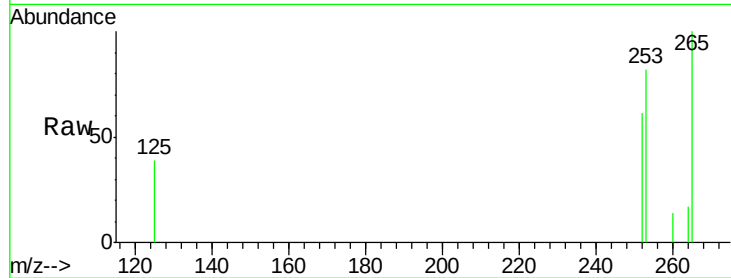
Tgt Ion: 252 Resp: 274

Ion Ratio Lower Upper

252 100

253 133.2 21.5 32.3#

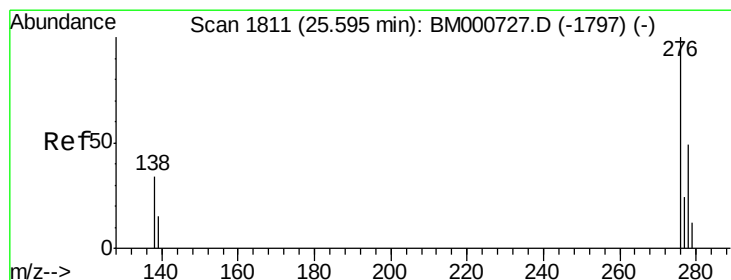
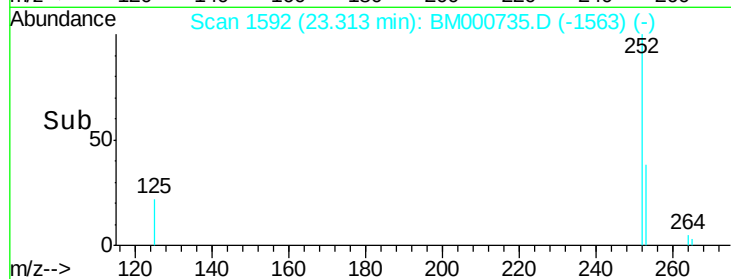
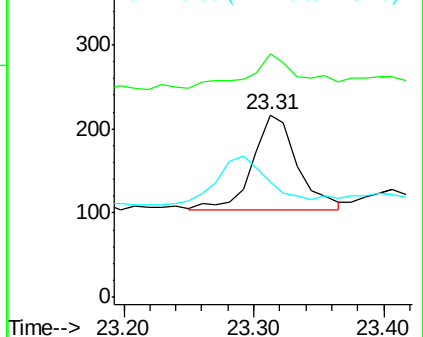
125 63.1 13.0 19.6#



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: 0.01 ng/ul

RT: 25.61 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BM000735.D

Acq: 19 Mar 2015 19:43

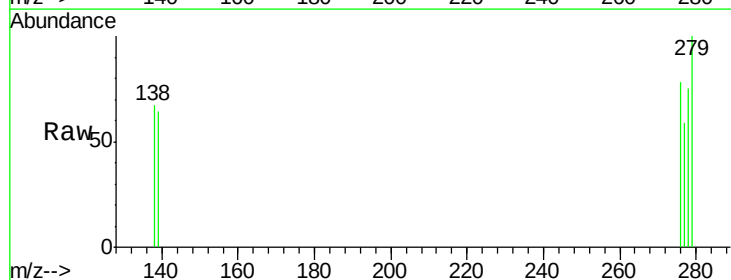
Tgt Ion: 276 Resp: 142

Ion Ratio Lower Upper

276 100

138 40.1 27.8 41.8

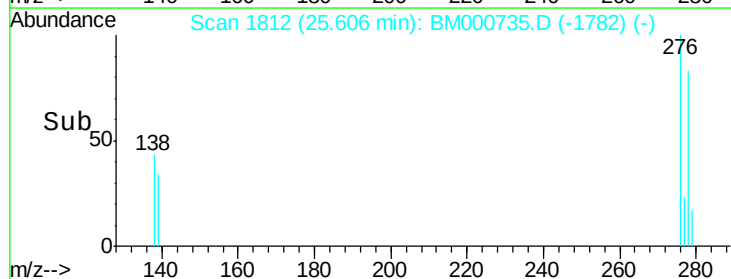
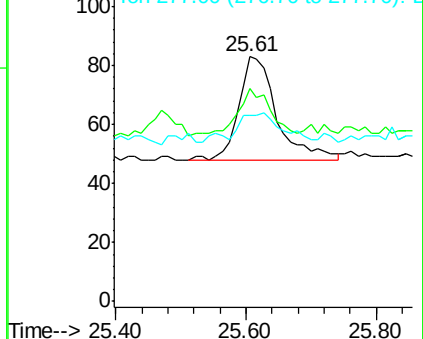
277 0.0 19.9 29.9#

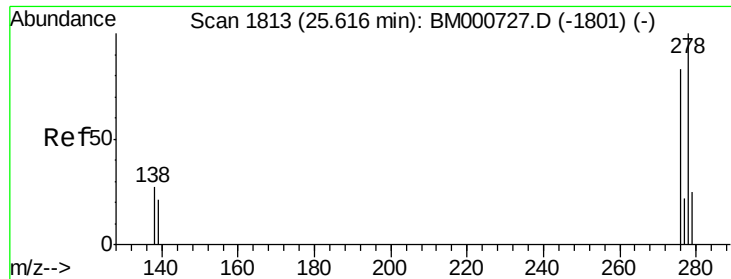


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

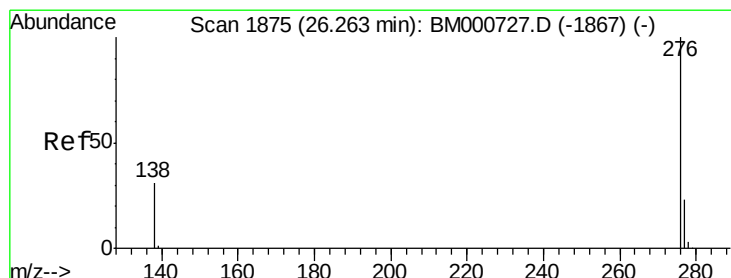
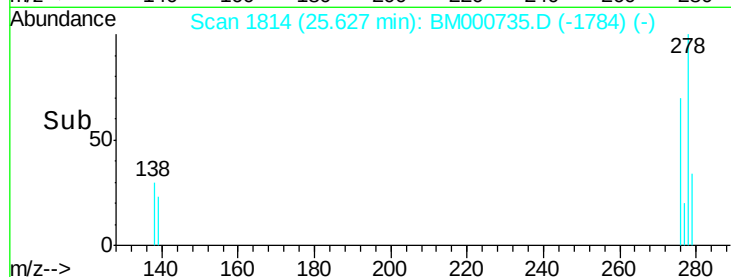
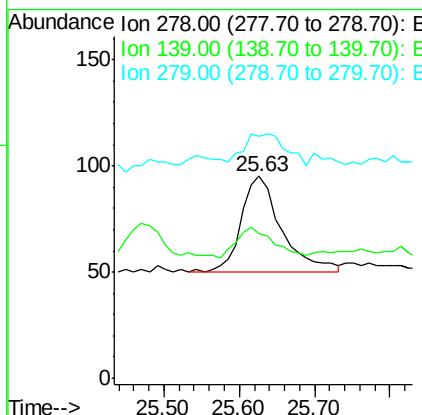
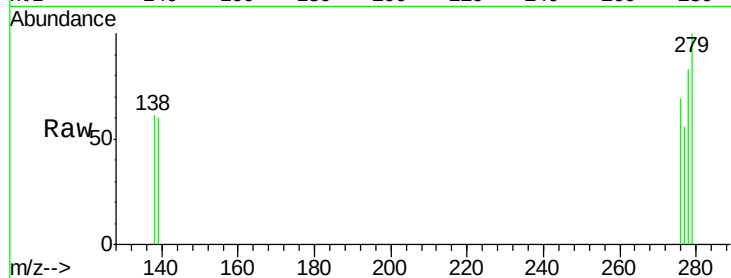




#25
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 25.63 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM000735.D
Acq: 19 Mar 2015 19:43

Instrument :
BNA_M
ClientSampleId :
SBLK32

Tgt Ion: 278 Resp: 167
Ion Ratio Lower Upper
278 100
139 71.6 18.1 27.1#
279 120.0 22.3 33.5#



#26
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 26.28 min Scan# 1877
Delta R.T. 0.02 min
Lab File: BM000735.D
Acq: 19 Mar 2015 19:43

Tgt Ion: 276 Resp: 154
Ion Ratio Lower Upper
276 100
277 70.2 19.6 29.4#
138 74.5 25.6 38.4#

