

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000429.D
 Acq On : 05 Feb 2015 14:13
 Operator : TP/IZ
 Sample : PB81531BL
 Misc : SBLK09
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK09

Quant Time: Feb 05 15:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 14:01:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2118	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6671	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4336	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8543	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	7273	0.40	ng/ul	0.01
20) Perylene-d12	23.56	264	6537	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5877	0.66	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	12816	0.69	ng/ul	0.00

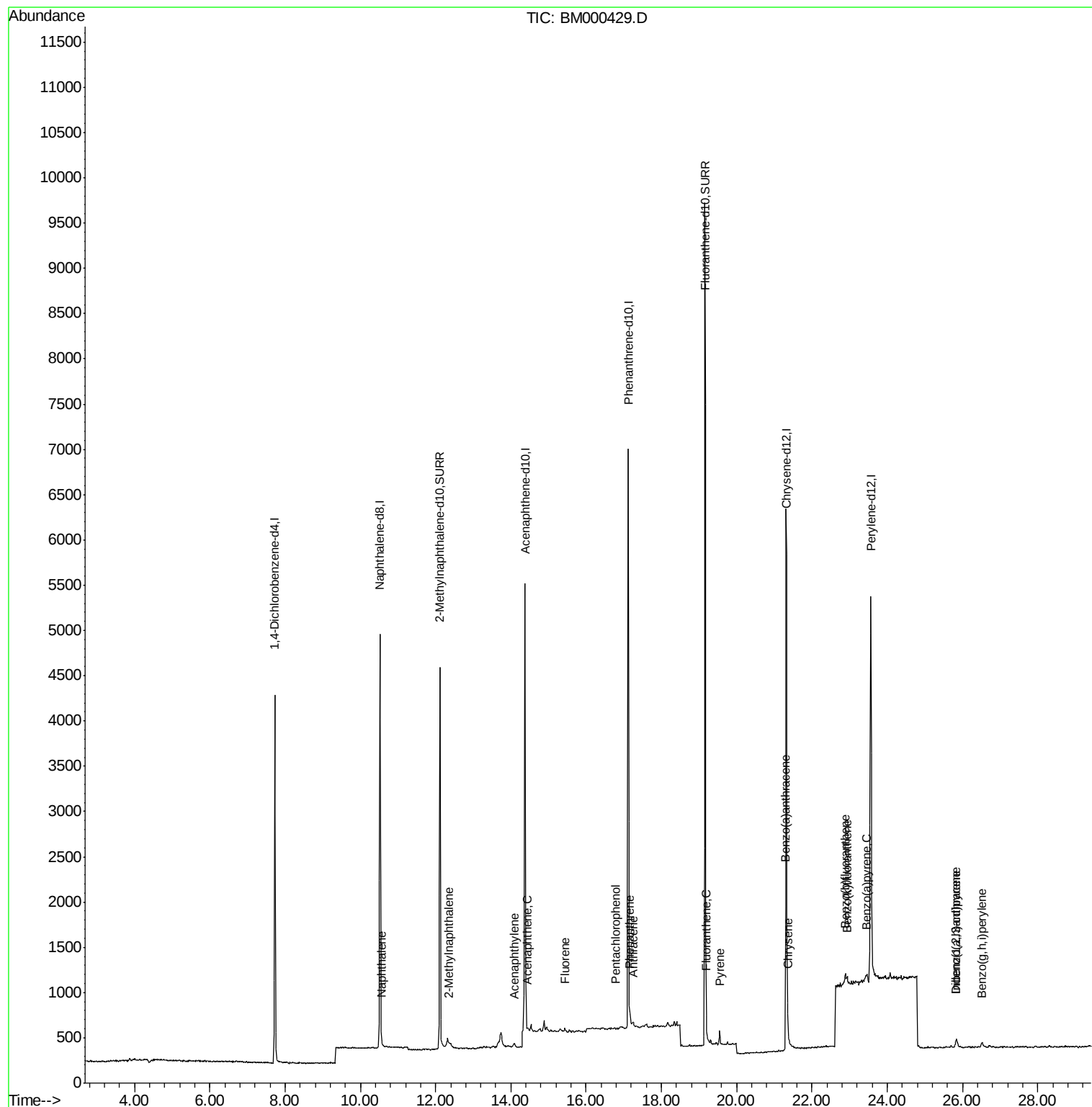
Target Compounds						Qvalue
3) Naphthalene	10.56	128	20	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.35	142	115	0.01	ng/ul	82
7) Acenaphthylene	14.10	152	29	0.00	ng/ul#	1
8) Acenaphthene	14.43	153	35	0.00	ng/ul#	62
9) Fluorene	15.43	166	37	0.00	ng/ul#	14
11) Pentachlorophenol	16.78	266	17	0.01	ng/ul#	54
12) Phenanthrene	17.16	178	134	0.01	ng/ul#	1
13) Anthracene	17.26	178	100	0.00	ng/ul#	1
15) Fluoranthene	19.19	202	161	0.01	ng/ul#	3
17) Pyrene	19.55	202	144	0.01	ng/ul#	32
18) Benzo(a)anthracene	21.30	228	183	0.01	ng/ul#	52
19) Chrysene	21.35	228	171	0.01	ng/ul#	59
21) Benzo(b)fluoranthene	22.89	252	156	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.93	252	129	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.46	252	146	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.84	276	150	0.01	ng/ul#	54
25) Dibenzo(a,h)anthracene	25.84	278	121	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	26.51	276	126	0.01	ng/ul#	1

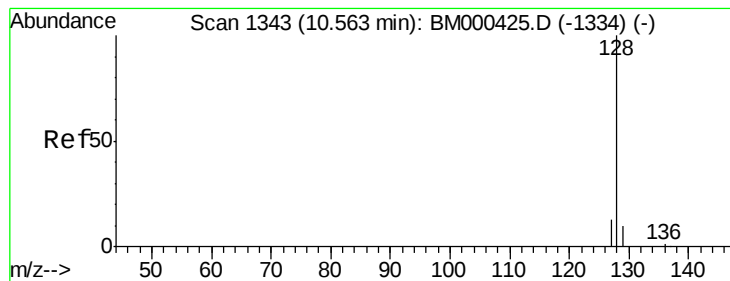
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

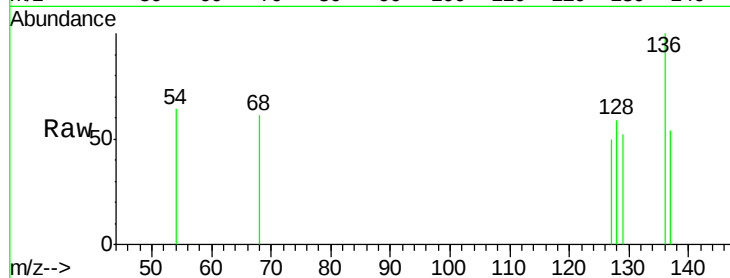
Tgt Ion:128 Resp: 20

Ion Ratio Lower Upper

128 100

129 88.5 9.2 13.8#

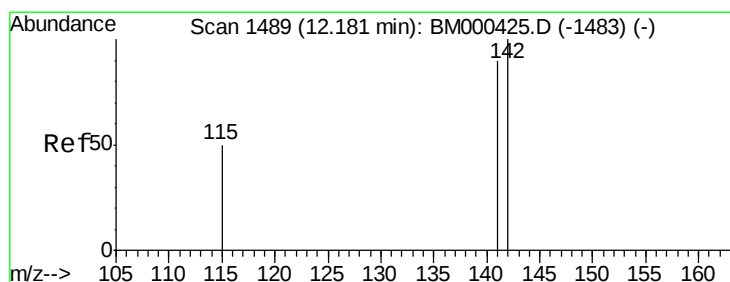
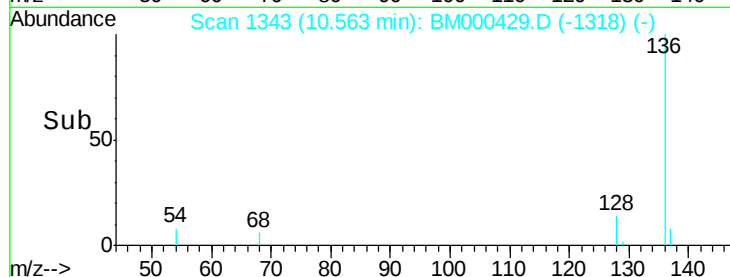
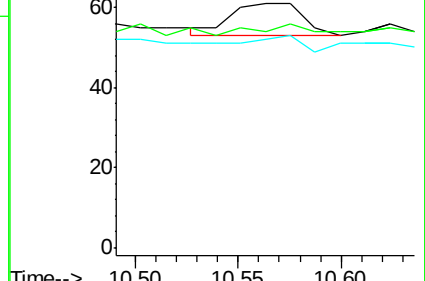
127 85.2 11.4 17.0#



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: 0.01 ng/ul

RT: 12.35 min Scan# 1505

Delta R.T. 0.17 min

Lab File: BM000429.D

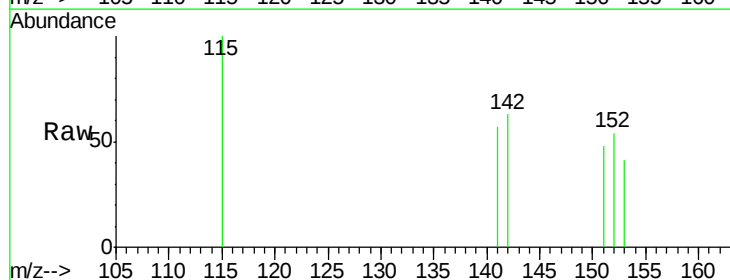
Acq: 05 Feb 2015 14:13

Tgt Ion:142 Resp: 115

Ion Ratio Lower Upper

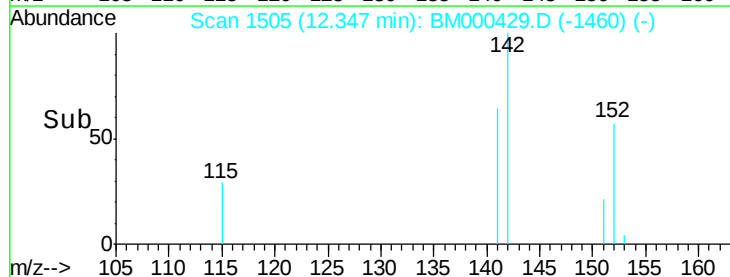
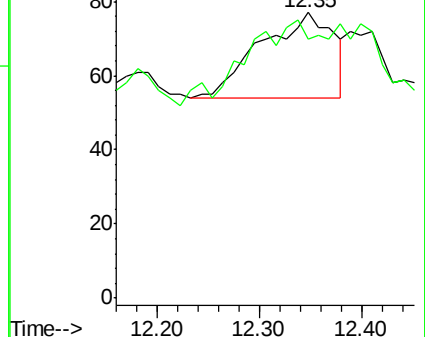
142 100

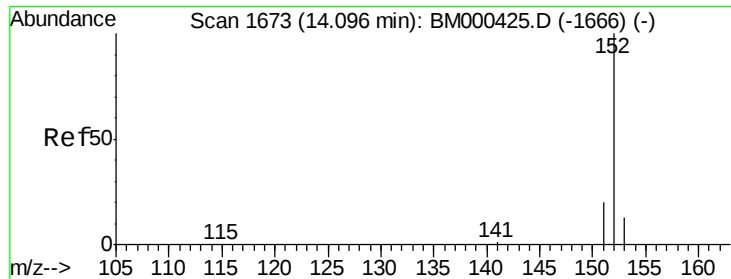
141 105.2 71.0 106.6



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: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

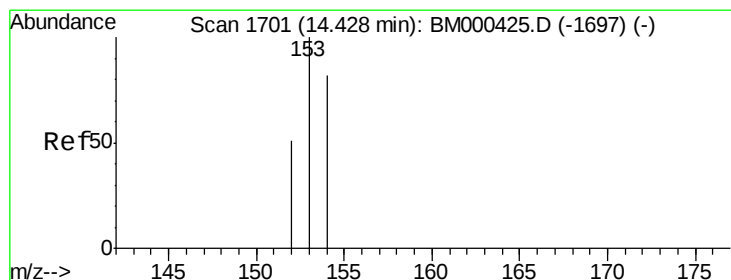
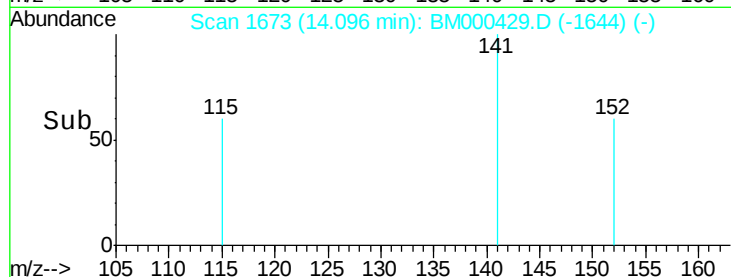
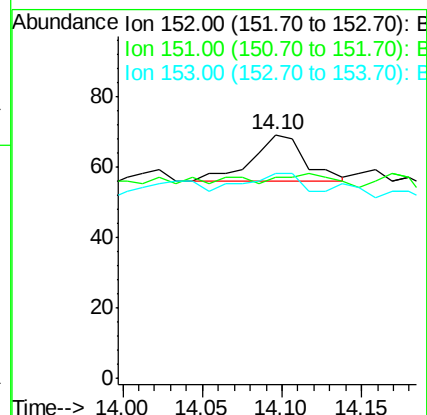
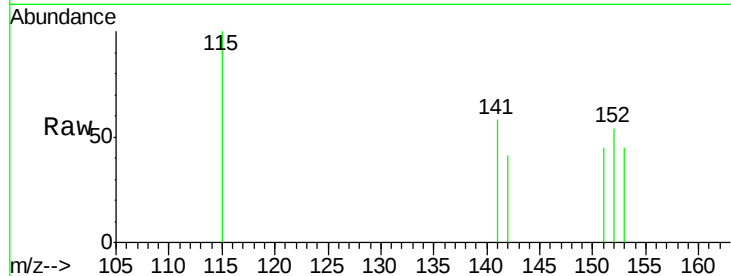
Tgt Ion:152 Resp: 29

Ion Ratio Lower Upper

152 100

151 82.6 16.6 25.0#

153 84.1 11.2 16.8#



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

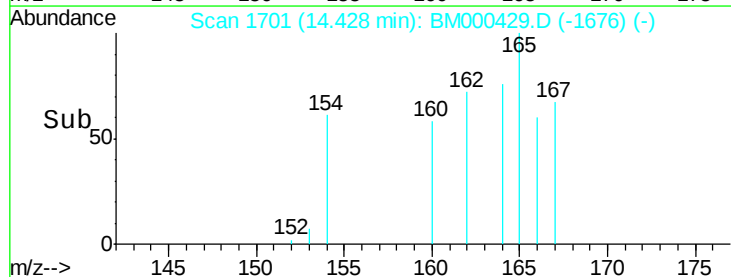
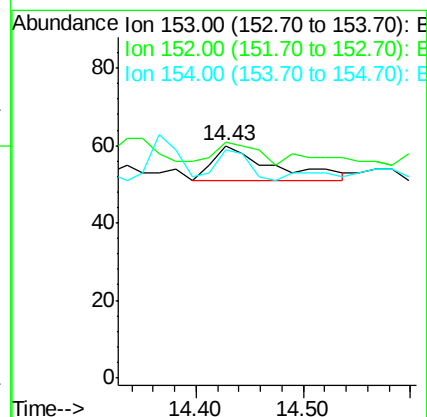
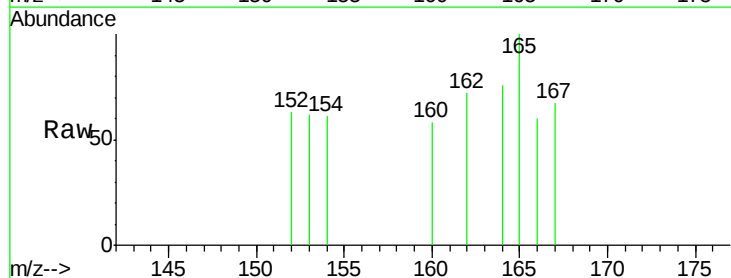
Tgt Ion:153 Resp: 35

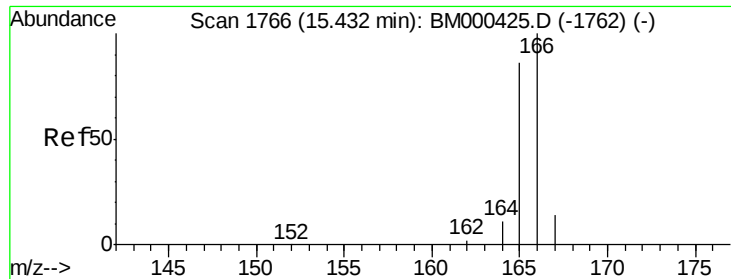
Ion Ratio Lower Upper

153 100

152 101.7 41.8 62.8#

154 98.3 65.6 98.4





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.43 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

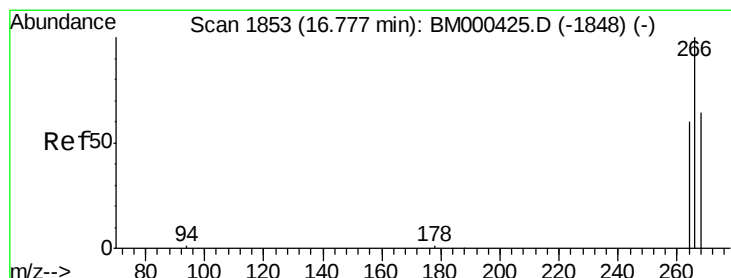
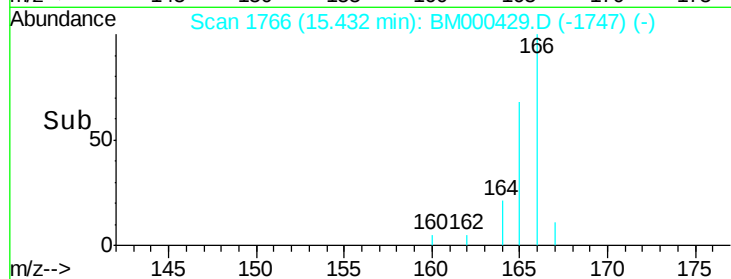
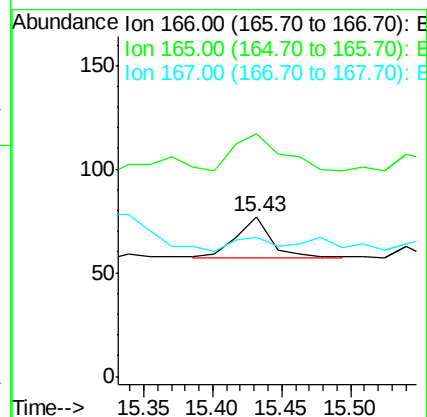
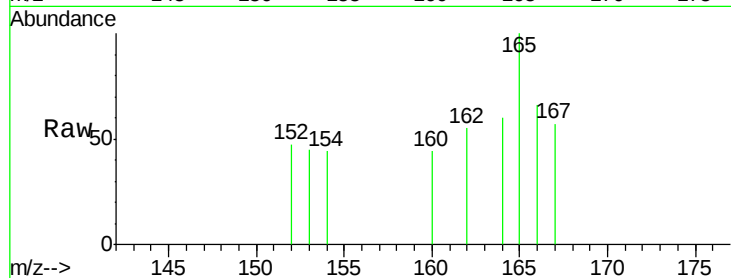
Tgt Ion:166 Resp: 37

Ion Ratio Lower Upper

166 100

165 151.9 69.4 104.0#

167 87.0 12.4 18.6#



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.78 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

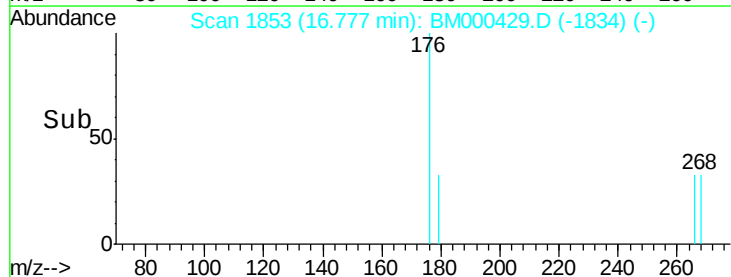
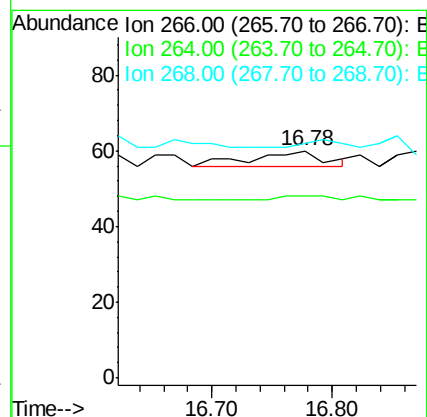
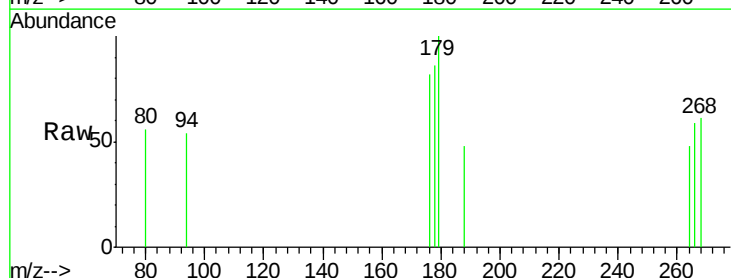
Tgt Ion:266 Resp: 17

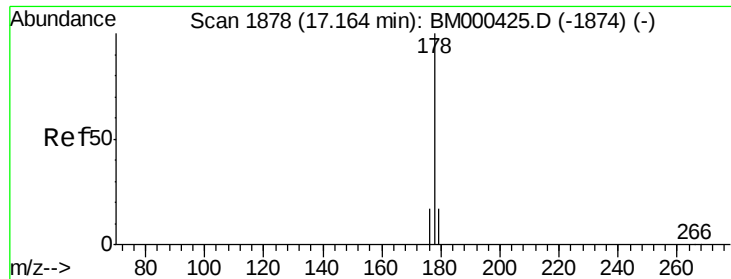
Ion Ratio Lower Upper

266 100

264 0.0 49.8 74.8#

268 52.9 49.4 74.0





#12

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

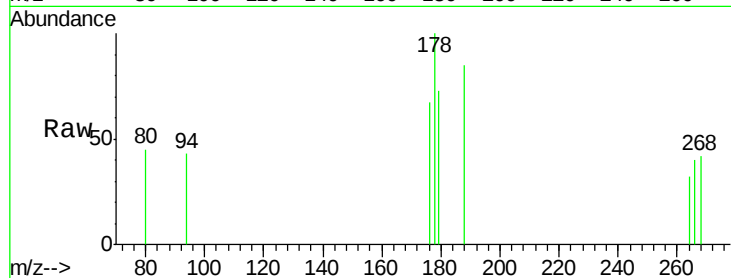
Tgt Ion:178 Resp: 134

Ion Ratio Lower Upper

178 100

176 67.1 14.3 21.5#

179 73.3 14.4 21.6#



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

17.16

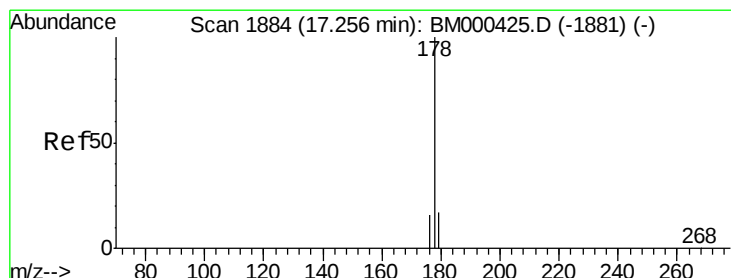
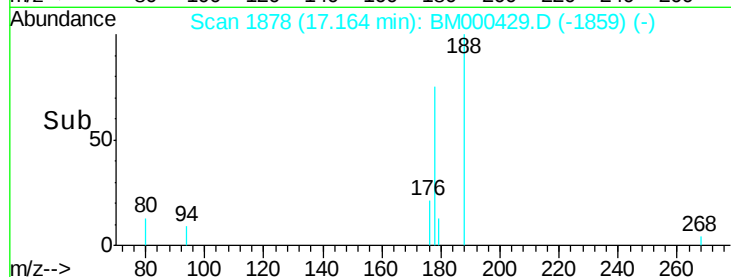
150

100

50

0

Time-->



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

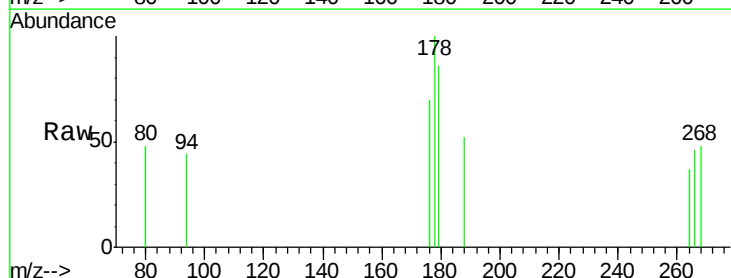
Tgt Ion:178 Resp: 100

Ion Ratio Lower Upper

178 100

176 69.8 13.8 20.8#

179 85.7 14.8 22.2#



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

17.26

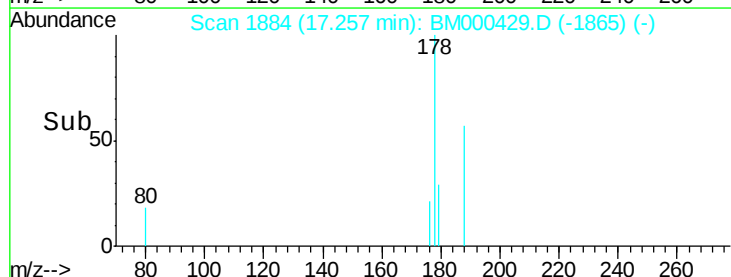
150

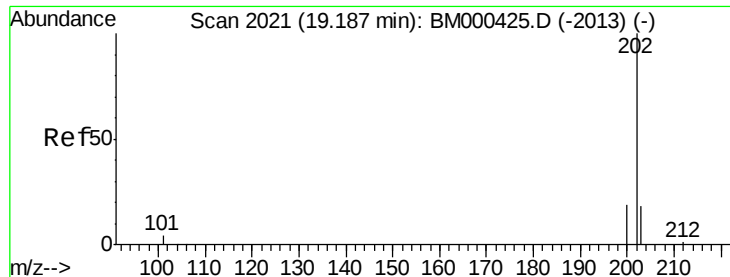
100

50

0

Time-->

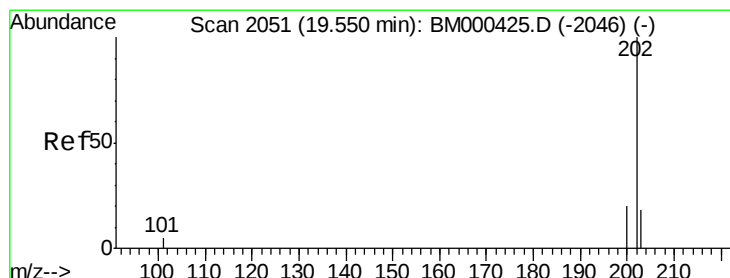
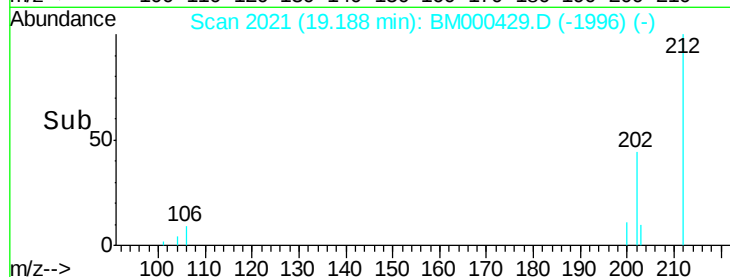
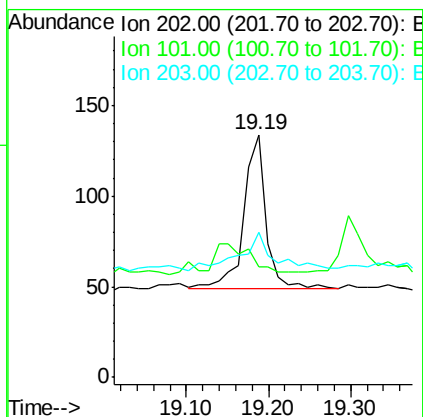
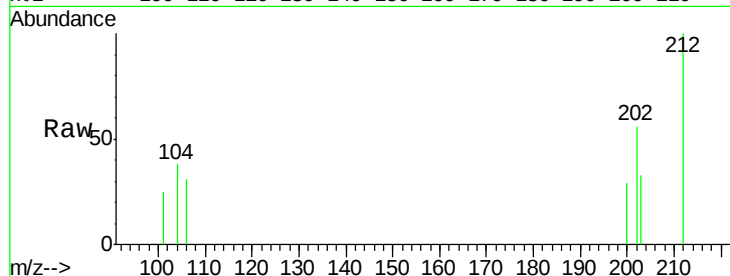




#15
Fluoranthene
 Concen: 0.01 ng/ul
 RT: 19.19 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM000429.D
 Acq: 05 Feb 2015 14:13

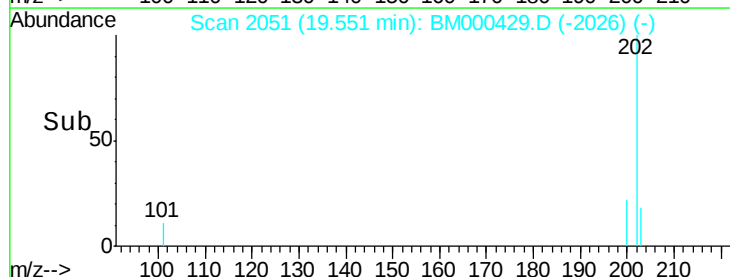
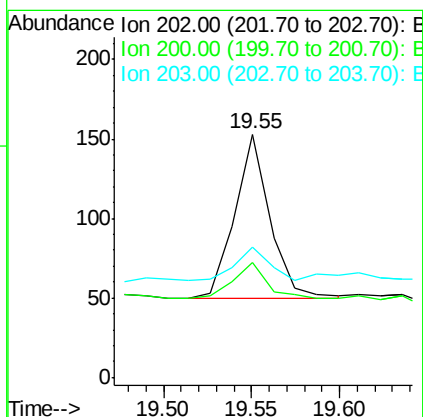
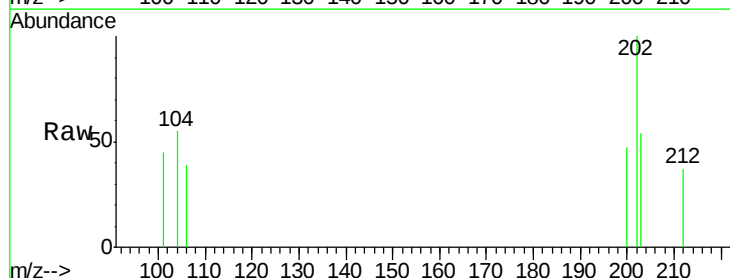
Instrument :
 BNA_M
 ClientSampleId :
 SBLK09

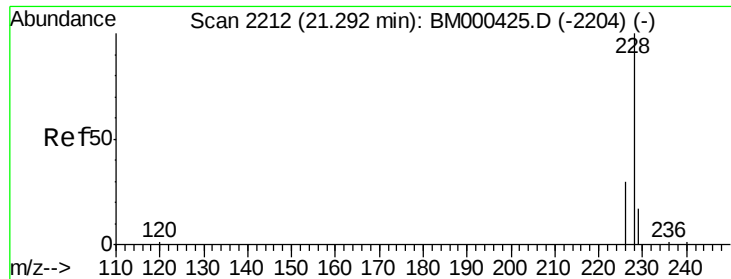
Tgt Ion: 202 Resp: 161
 Ion Ratio Lower Upper
 202 100
 101 45.5 0.0 24.6#
 203 59.7 0.0 38.9#



#17
Pyrene
 Concen: 0.01 ng/ul
 RT: 19.55 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM000429.D
 Acq: 05 Feb 2015 14:13

Tgt Ion: 202 Resp: 144
 Ion Ratio Lower Upper
 202 100
 200 47.1 16.3 24.5#
 203 53.6 14.7 22.1#





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.30 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

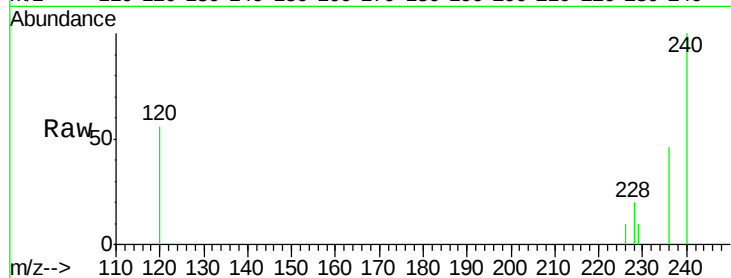
Tgt Ion:228 Resp: 183

Ion Ratio Lower Upper

228 100

226 49.1 24.5 36.7#

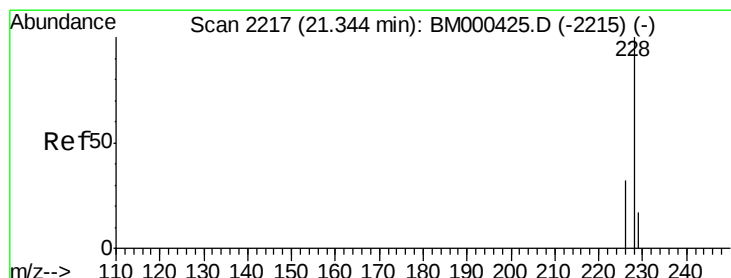
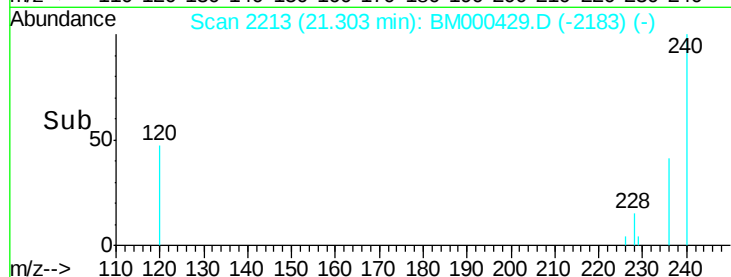
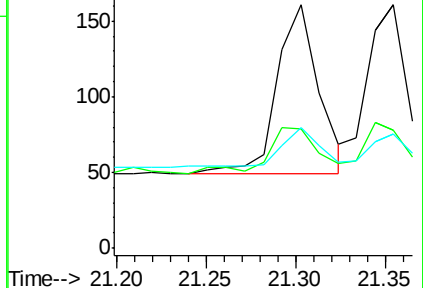
229 49.7 14.0 21.0#



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: 21.35 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

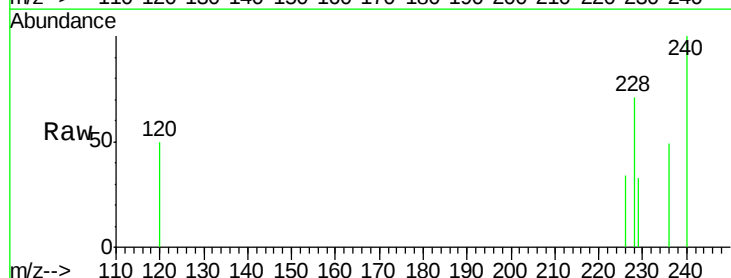
Tgt Ion:228 Resp: 171

Ion Ratio Lower Upper

228 100

226 48.4 26.2 39.4#

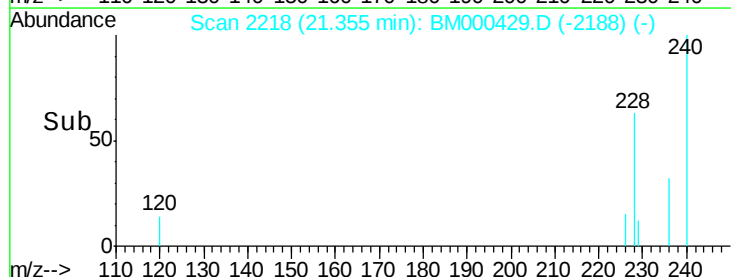
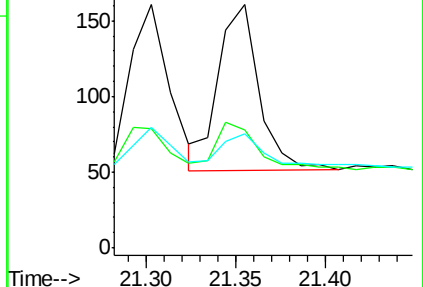
229 46.6 14.6 22.0#

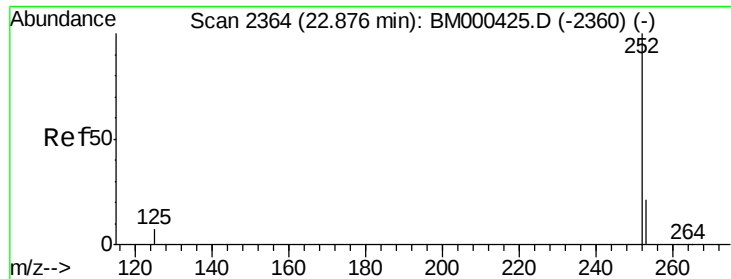


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.89 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

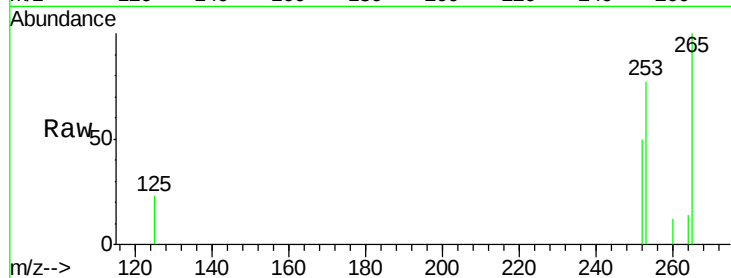
Tgt Ion:252 Resp: 156

Ion Ratio Lower Upper

252 100

253 153.4 0.0 53.8#

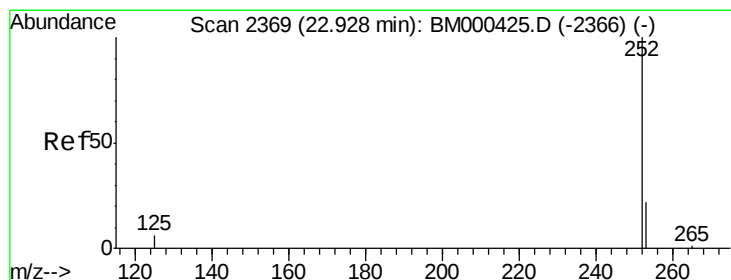
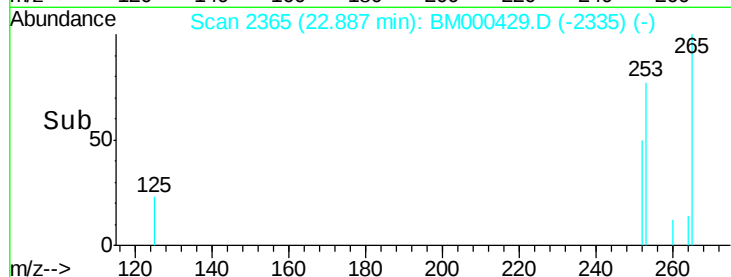
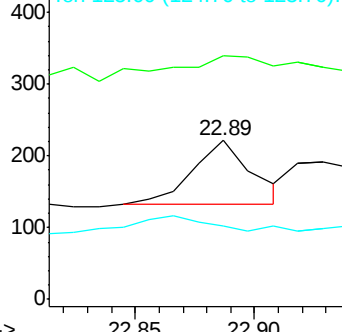
125 46.2 0.0 18.0#



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: 22.93 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

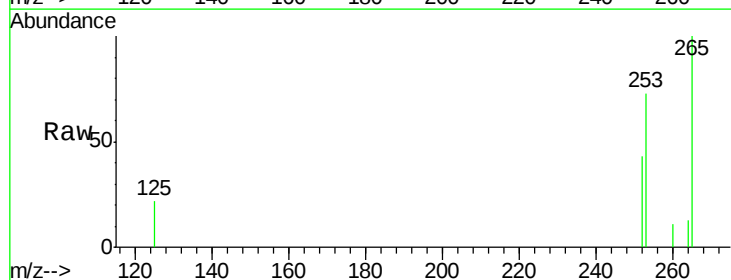
Tgt Ion:252 Resp: 129

Ion Ratio Lower Upper

252 100

253 169.1 23.3 34.9#

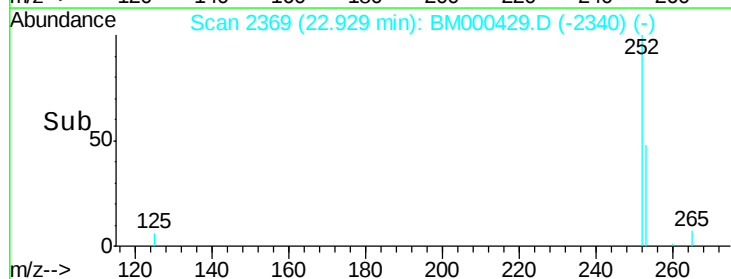
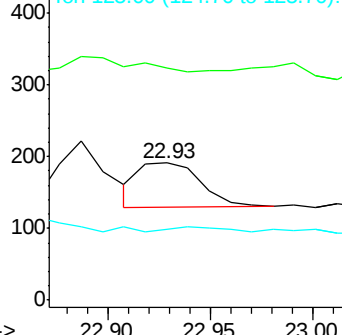
125 51.3 6.2 9.4#

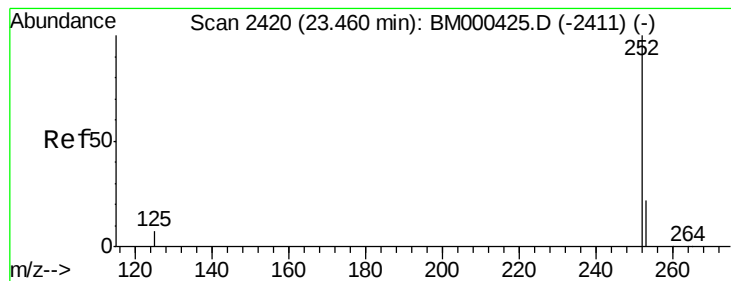


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

Instrument :

BNA_M

ClientSampleId :

SBLK09

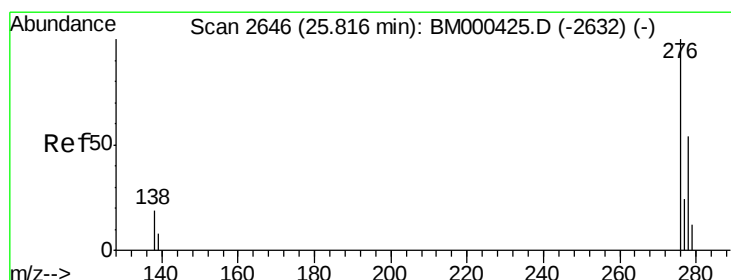
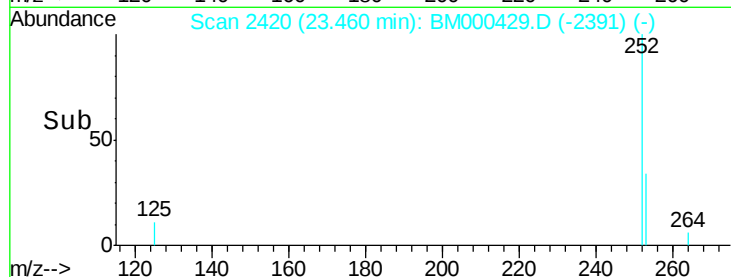
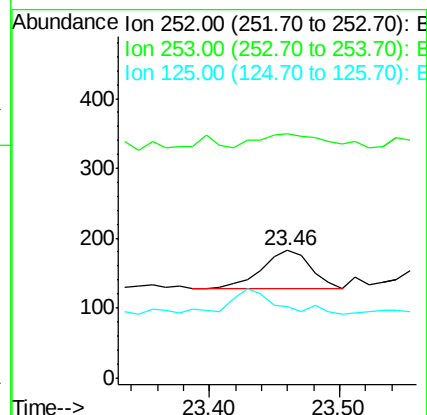
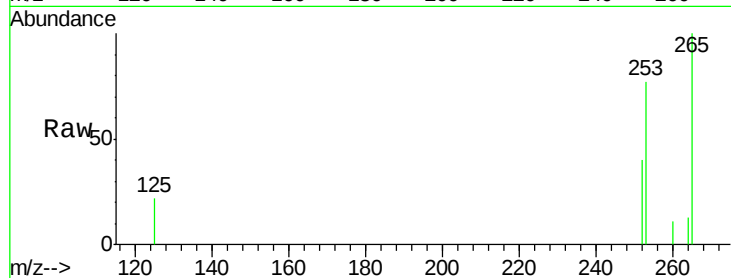
Tgt Ion: 252 Resp: 146

Ion Ratio Lower Upper

252 100

253 191.8 24.0 36.0#

125 56.0 7.4 11.0#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 25.84 min Scan# 2648

Delta R.T. 0.02 min

Lab File: BM000429.D

Acq: 05 Feb 2015 14:13

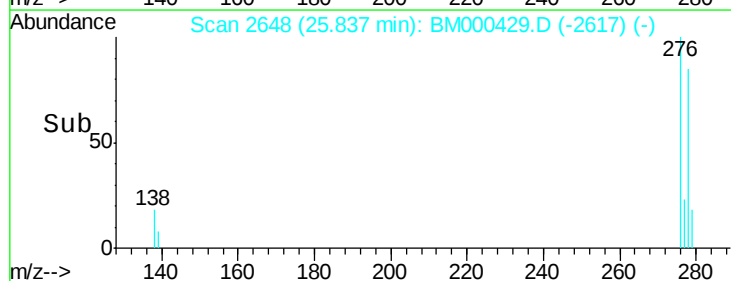
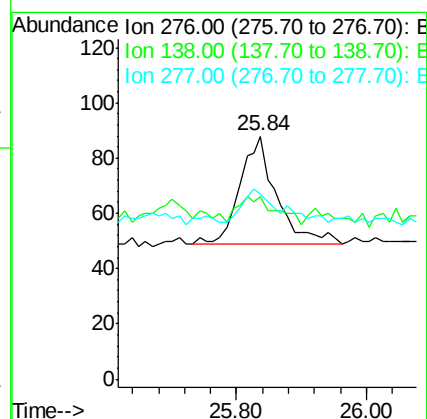
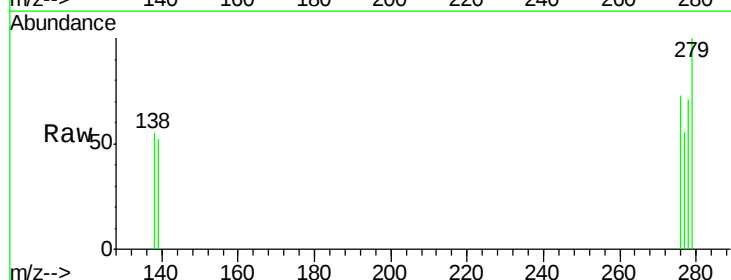
Tgt Ion: 276 Resp: 150

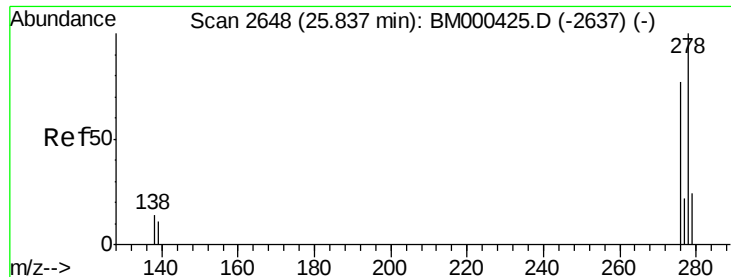
Ion Ratio Lower Upper

276 100

138 0.0 15.0 22.4#

277 0.0 19.8 29.8#

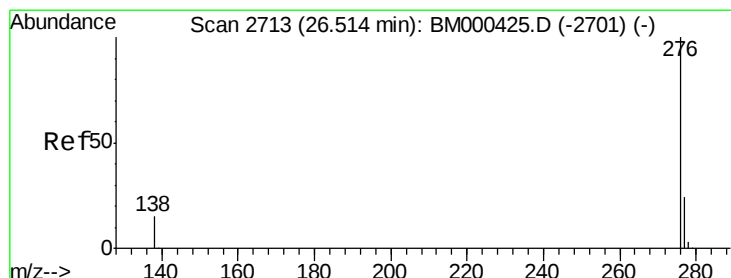
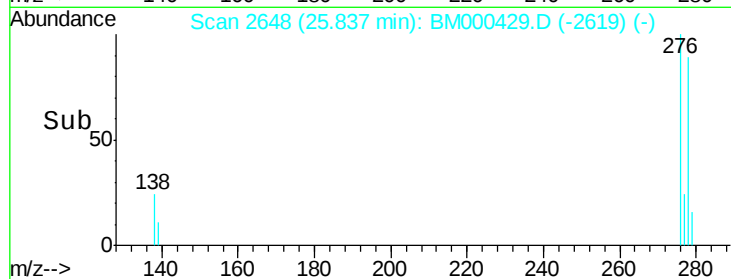
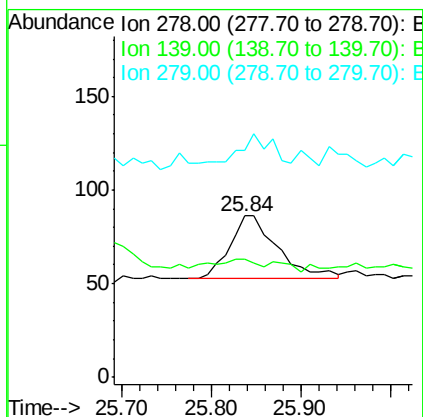
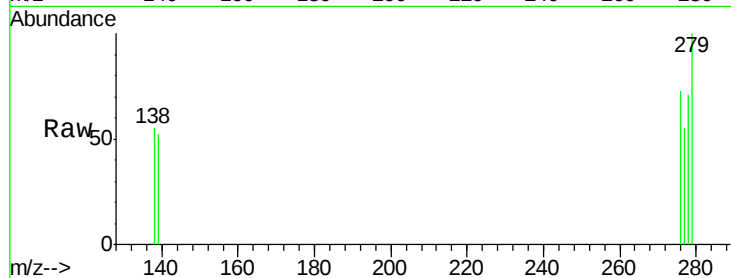




#25
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 25.84 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BM000429.D
Acq: 05 Feb 2015 14:13

Instrument :
BNA_M
ClientSampleId :
SBLK09

Tgt Ion: 278 Resp: 121
Ion Ratio Lower Upper
278 100
139 73.3 10.9 16.3#
279 140.7 22.3 33.5#



#26
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 26.51 min Scan# 2713
Delta R.T. 0.00 min
Lab File: BM000429.D
Acq: 05 Feb 2015 14:13

Tgt Ion: 276 Resp: 126
Ion Ratio Lower Upper
276 100
277 77.1 20.6 30.8#
138 77.1 13.9 20.9#

