

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071415\
 Data File : BM001913.D
 Acq On : 14 Jul 2015 12:36
 Operator : TP/UM
 Sample : PB84422BL
 Misc : SBLK85
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK85

Quant Time: Jul 14 18:25:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 04:27:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	4950	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	2559	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	5750	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4452	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	4054	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	3155	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	6654	0.43	ng/ul	0.00

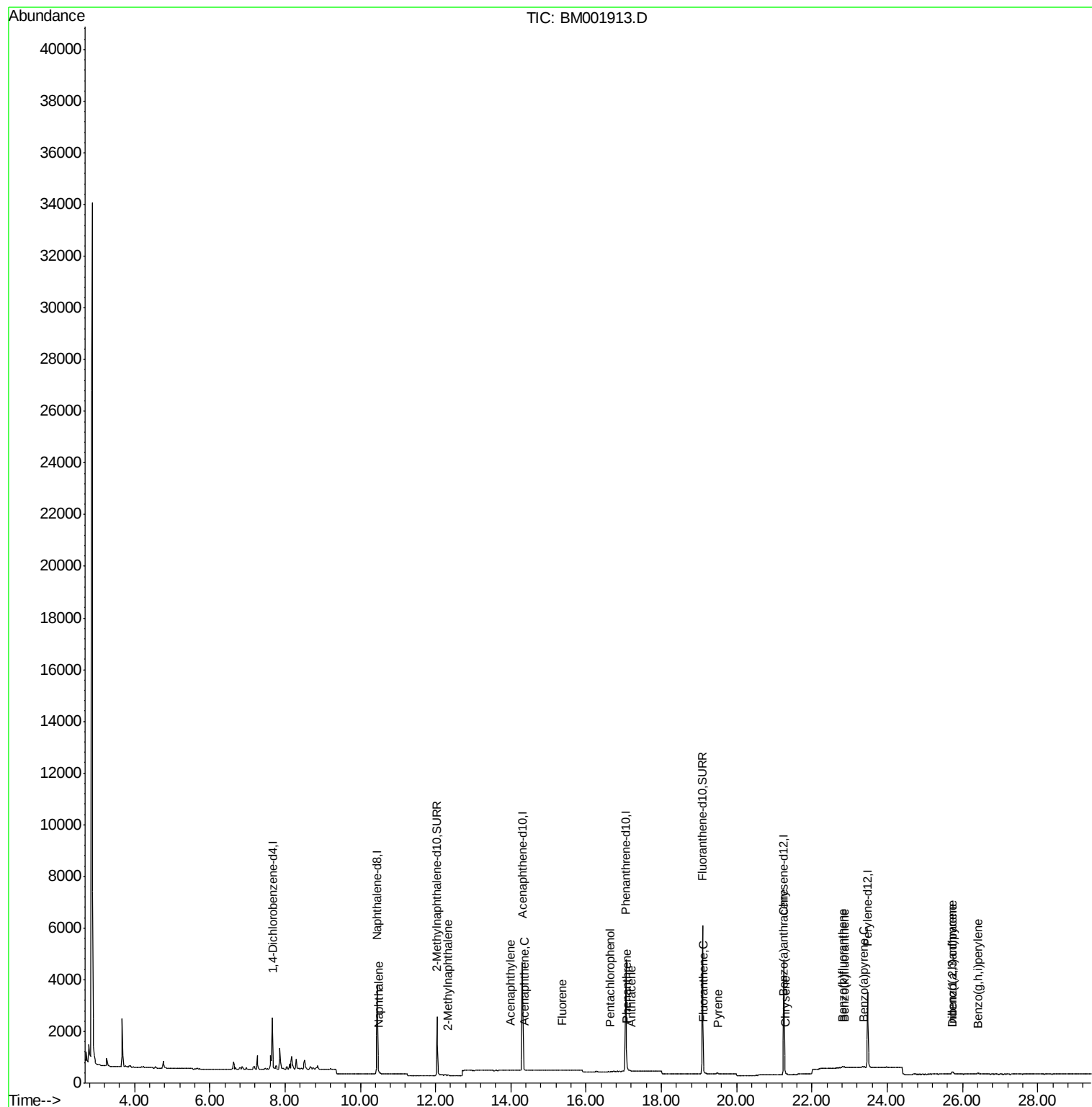
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	13	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.33	142	6	0.00	ng/ul	95
7) Acenaphthylene	14.00	152	8	0.00	ng/ul#	1
8) Acenaphthene	14.37	153	3	0.00	ng/ul#	73
9) Fluorene	15.37	166	1	0.00	ng/ul#	59
11) Pentachlorophenol	16.64	266	1	0.00	ng/ul#	1
12) Phenanthrene	17.09	178	22	0.00	ng/ul#	1
13) Anthracene	17.20	178	9	0.00	ng/ul#	1
15) Fluoranthene	19.12	202	65	0.00	ng/ul#	1
17) Pyrene	19.49	202	52	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.24	228	70	0.00	ng/ul#	15
19) Chrysene	21.30	228	107	0.01	ng/ul#	36
21) Benzo(b)fluoranthene	22.81	252	91	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	66	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.38	252	65	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.73	276	153	0.01	ng/ul	95
25) Dibenzo(a,h)anthracene	25.74	278	122	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	120	0.01	ng/ul#	3

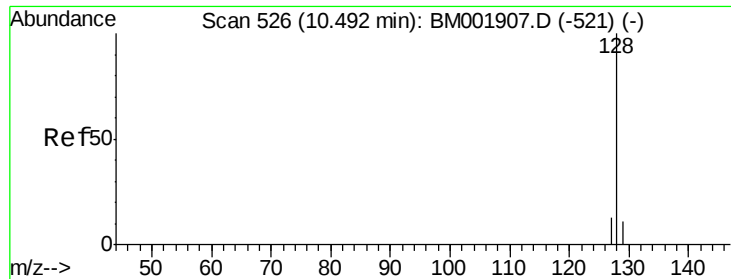
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

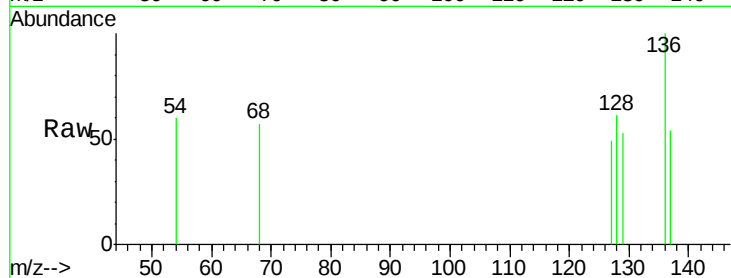
Tgt Ion:128 Resp: 13

Ion Ratio Lower Upper

128 100

129 86.7 9.6 14.4#

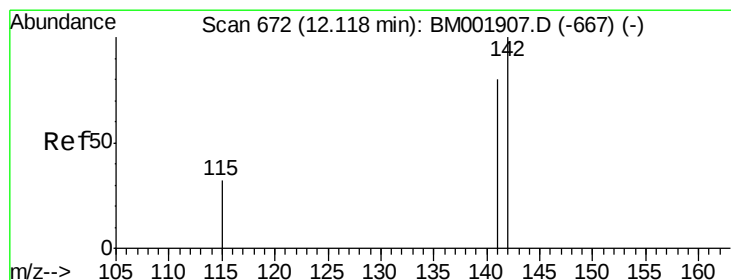
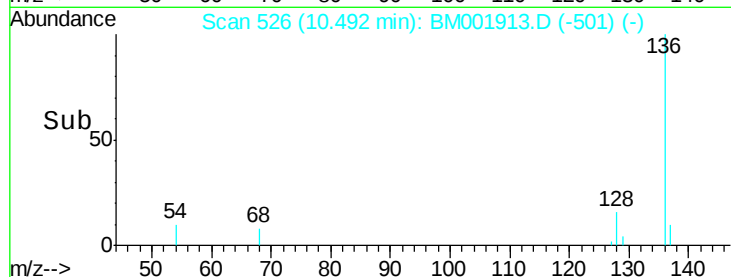
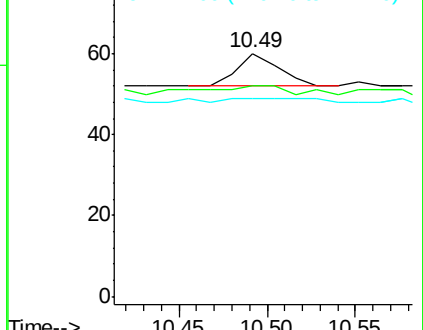
127 81.7 11.0 16.6#



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: 12.33 min Scan# 692

Delta R.T. 0.21 min

Lab File: BM001913.D

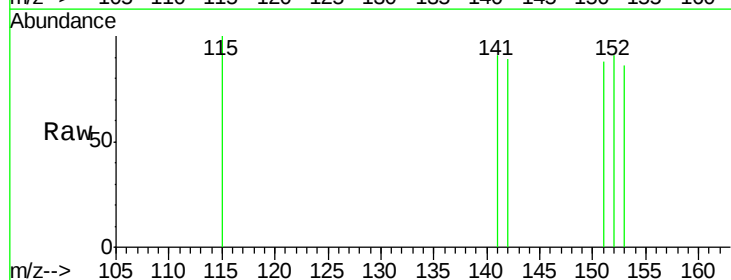
Acq: 14 Jul 2015 12:36

Tgt Ion:142 Resp: 6

Ion Ratio Lower Upper

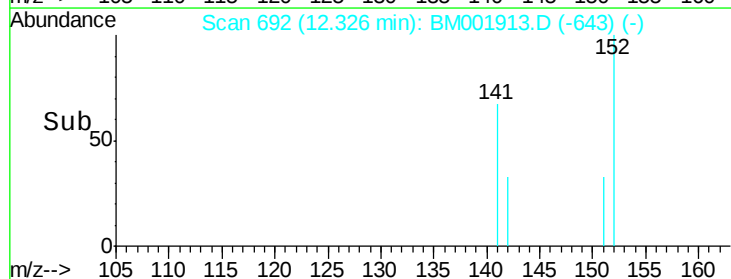
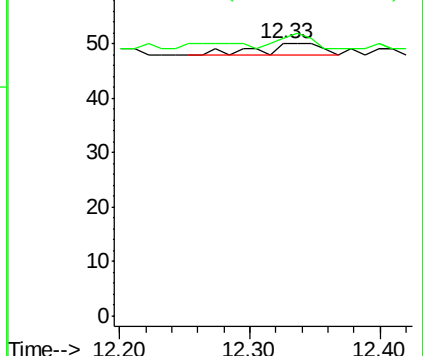
142 100

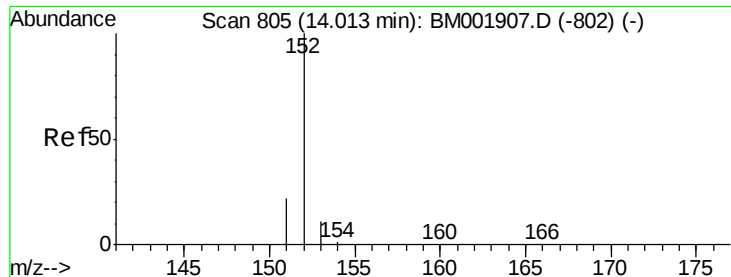
141 83.3 70.7 106.1



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: 14.00 min Scan# 804

Delta R.T. -0.02 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

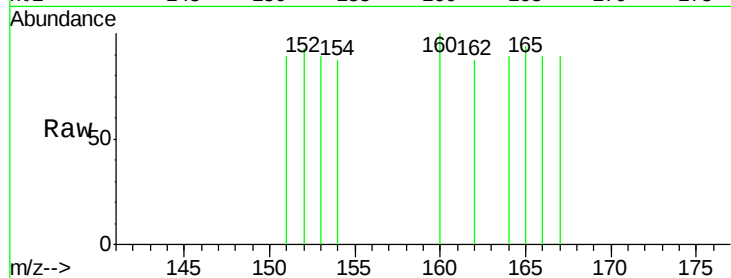
Tgt Ion:152 Resp: 8

Ion Ratio Lower Upper

152 100

151 96.0 18.5 27.7#

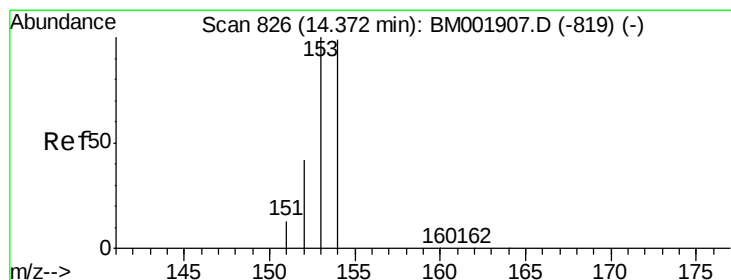
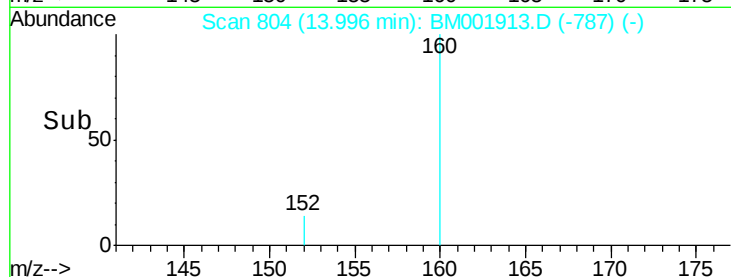
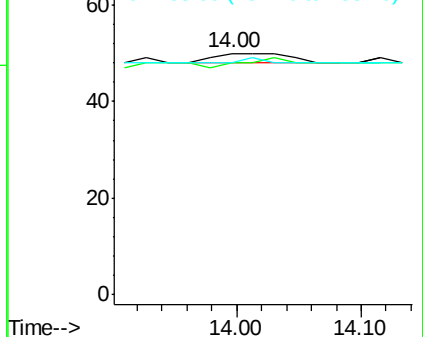
153 96.0 10.3 15.5#



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: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

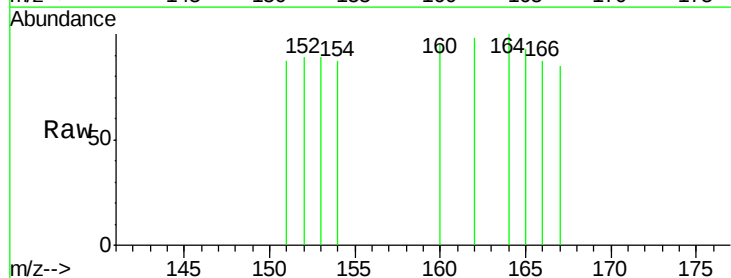
Tgt Ion:153 Resp: 3

Ion Ratio Lower Upper

153 100

152 100.0 34.9 52.3#

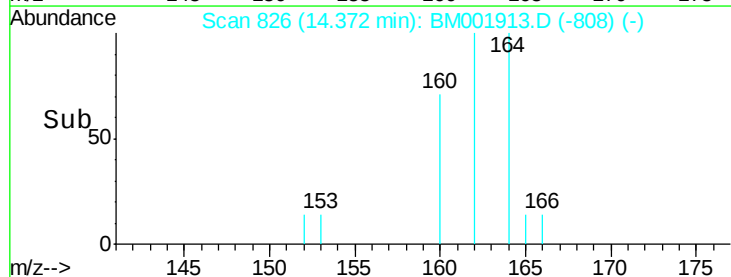
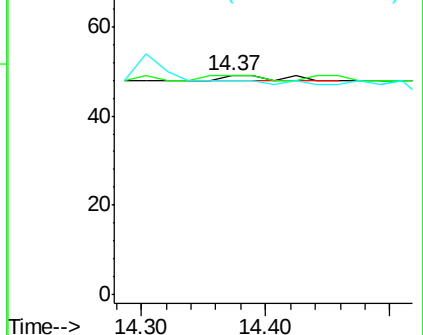
154 98.0 79.0 118.4

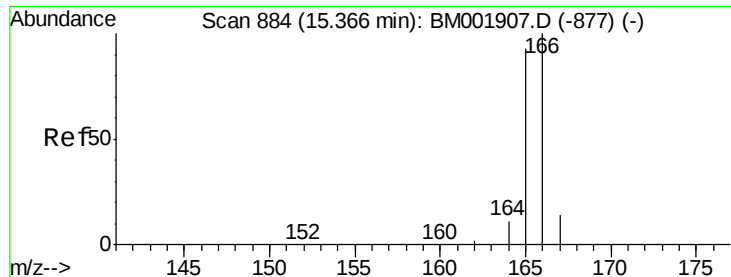


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

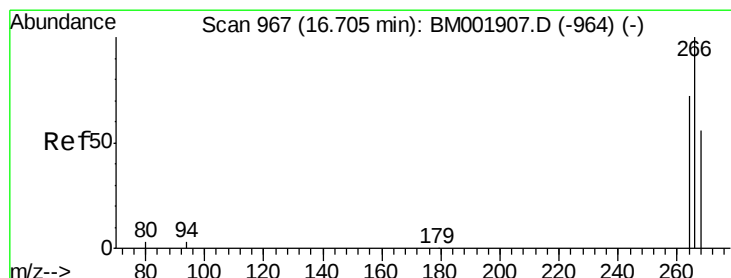
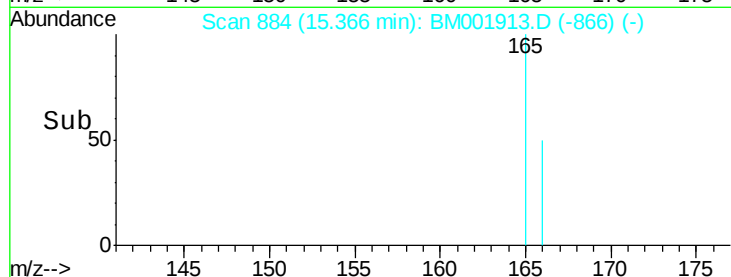
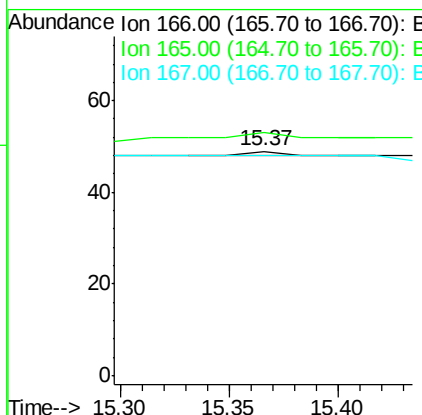
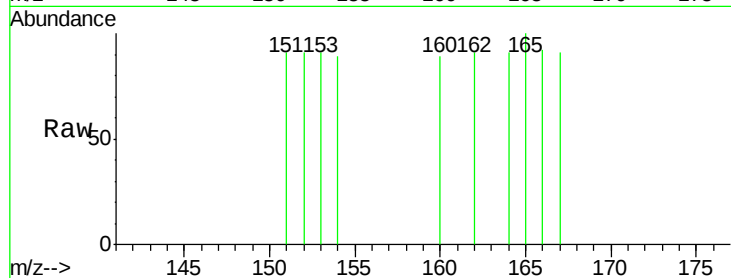




#9
 Fluorene
 Concen: 0.00 ng/ul
 RT: 15.37 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM001913.D
 Acq: 14 Jul 2015 12:36

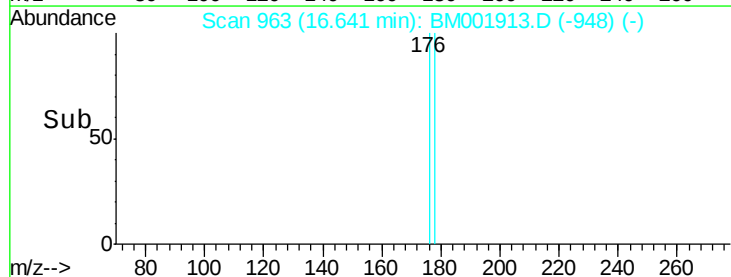
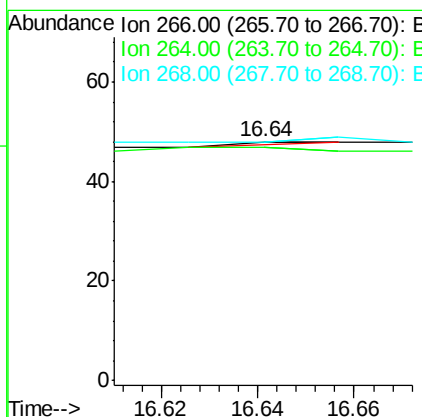
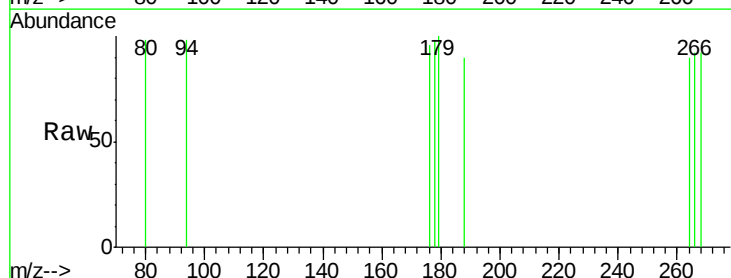
Instrument :
 BNA_M
 ClientSampleId :
 SBLK85

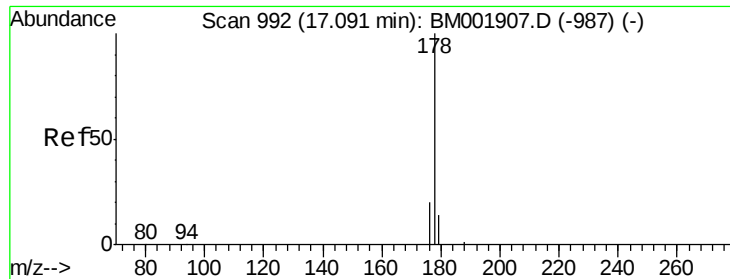
Tgt Ion:166 Resp: 1
 Ion Ratio Lower Upper
 166 100
 165 108.2 74.4 111.6
 167 98.0 12.0 18.0#



#11
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.64 min Scan# 963
 Delta R.T. -0.06 min
 Lab File: BM001913.D
 Acq: 14 Jul 2015 12:36

Tgt Ion:266 Resp: 1
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.9 74.9#
 268 200.0 52.1 78.1#

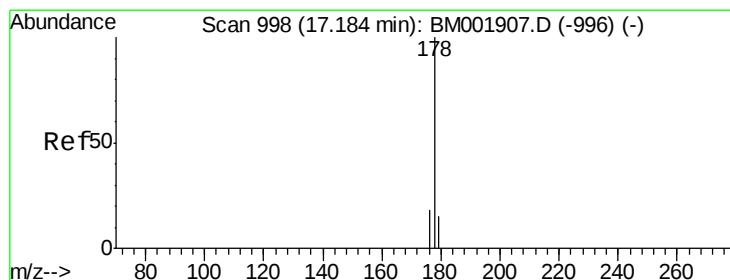
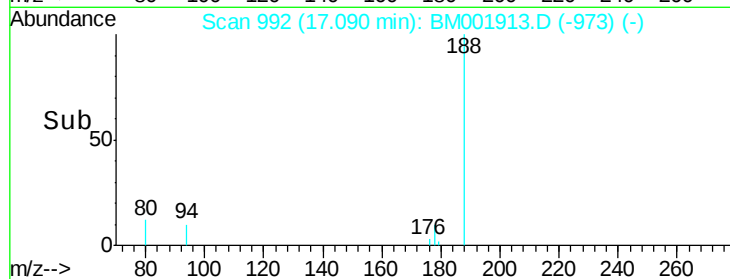
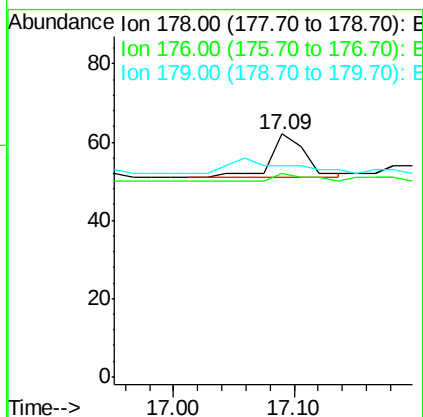
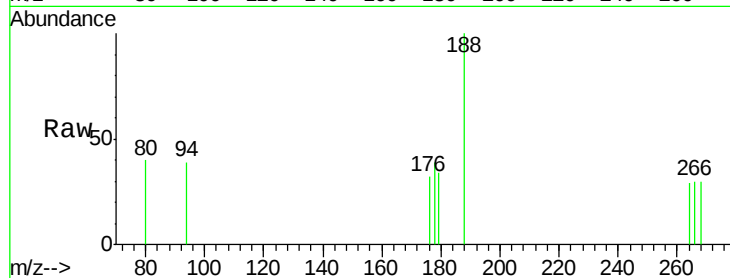




#12
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.09 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM001913.D
Acq: 14 Jul 2015 12:36

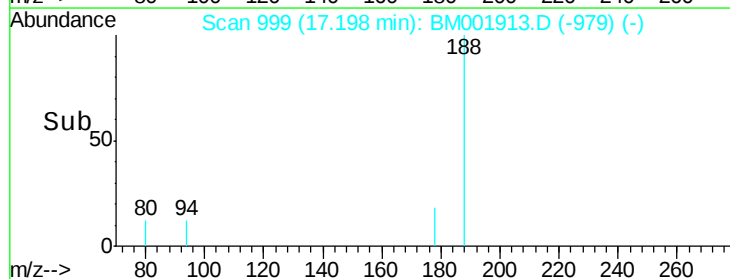
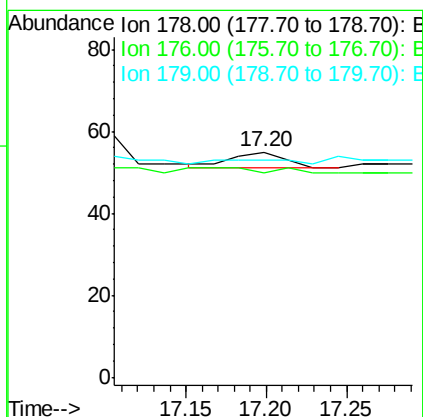
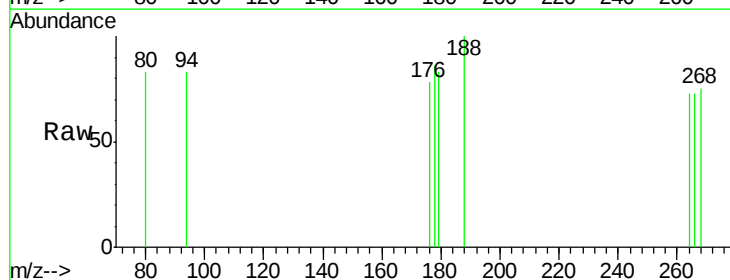
Instrument :
BNA_M
ClientSampleId :
SBLK85

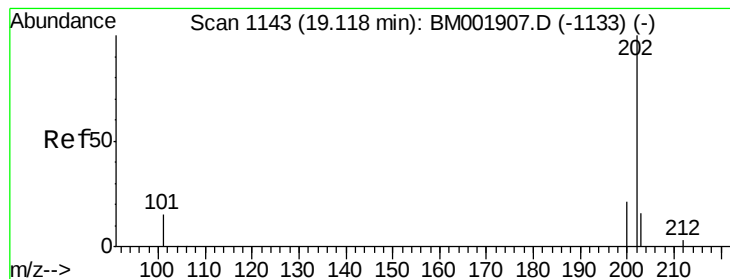
Tgt Ion:178 Resp: 22
Ion Ratio Lower Upper
178 100
176 83.9 16.6 25.0#
179 87.1 12.2 18.2#



#13
Anthracene
Concen: 0.00 ng/ul
RT: 17.20 min Scan# 999
Delta R.T. 0.01 min
Lab File: BM001913.D
Acq: 14 Jul 2015 12:36

Tgt Ion:178 Resp: 9
Ion Ratio Lower Upper
178 100
176 90.9 15.4 23.2#
179 96.4 12.6 18.8#





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.12 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

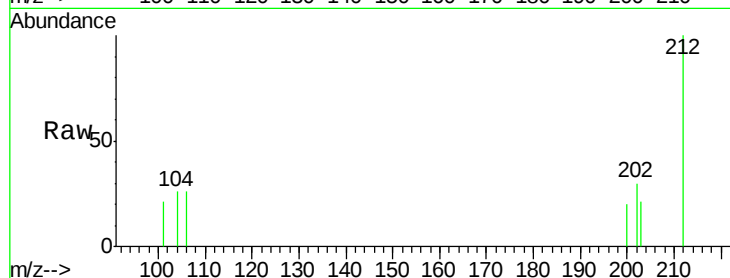
Tgt Ion:202 Resp: 65

Ion Ratio Lower Upper

202 100

101 68.4 0.0 35.3#

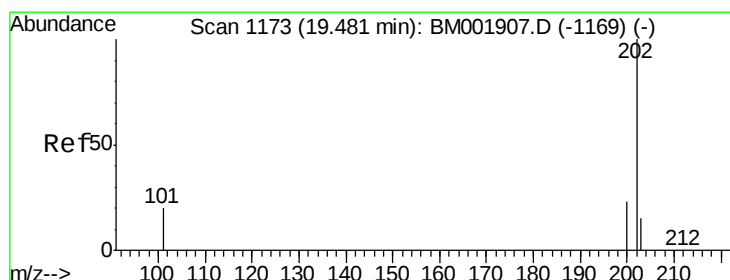
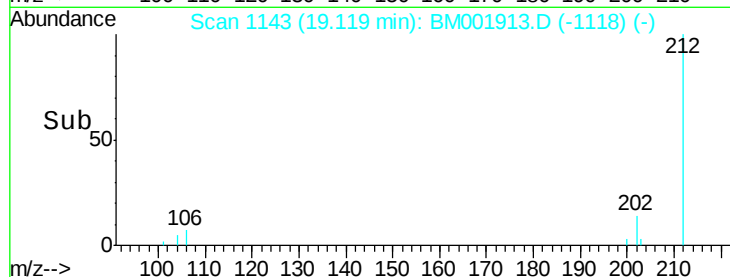
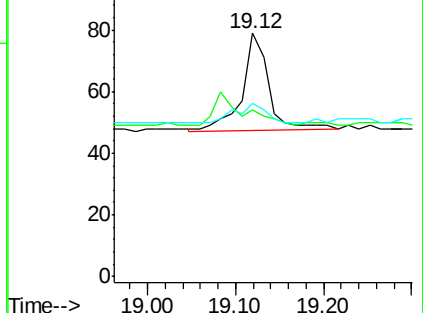
203 70.9 0.0 36.8#



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: 19.49 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

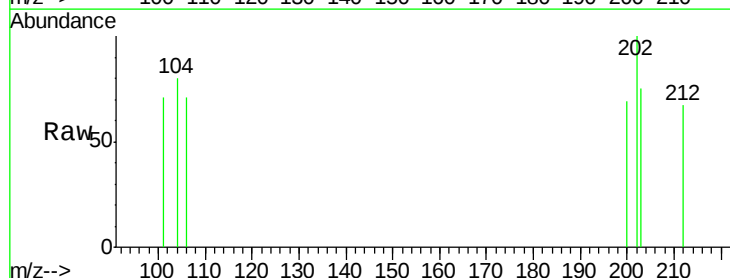
Tgt Ion:202 Resp: 52

Ion Ratio Lower Upper

202 100

200 69.3 18.7 28.1#

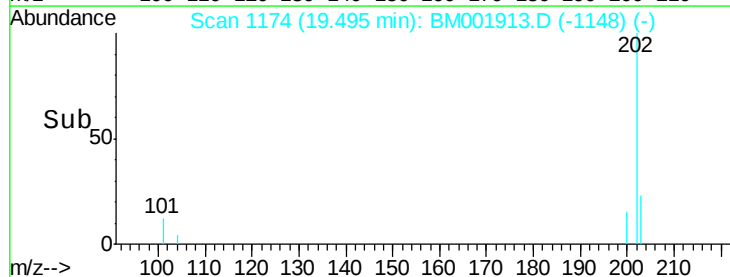
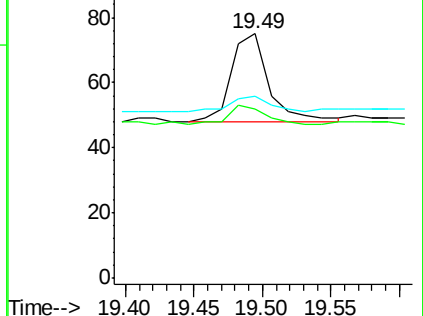
203 74.7 13.0 19.4#

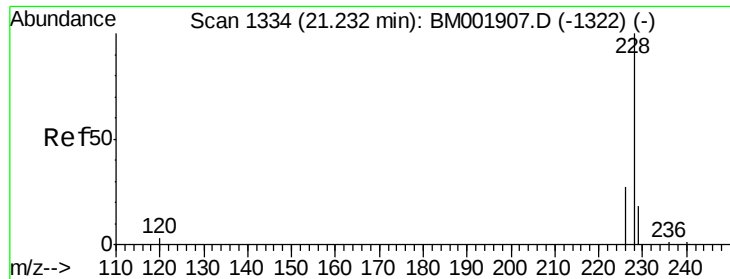


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.00 ng/uI

RT: 21.24 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

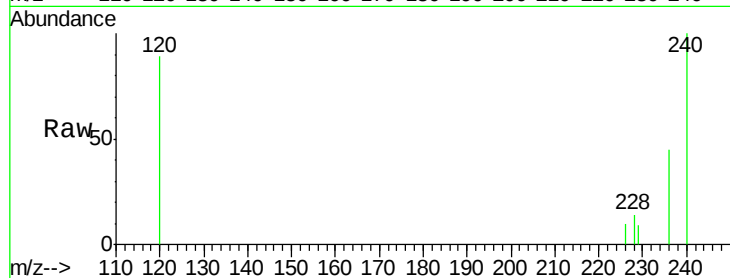
Tgt Ion:228 Resp: 70

Ion Ratio Lower Upper

228 100

226 67.0 22.3 33.5#

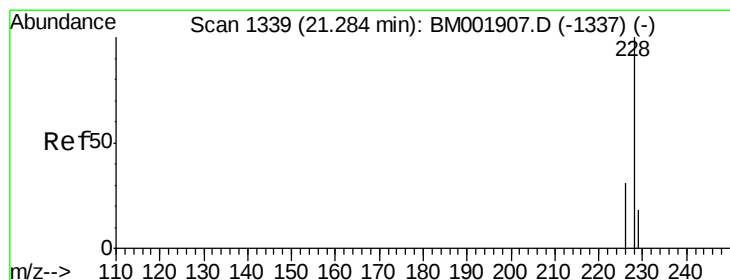
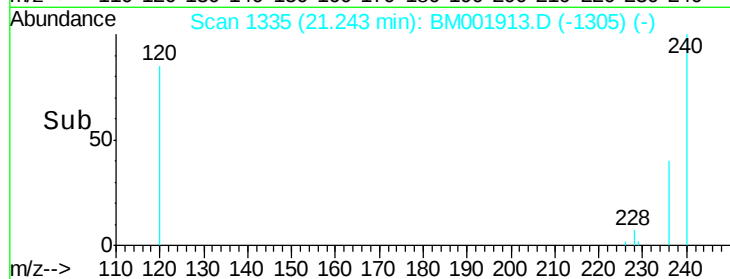
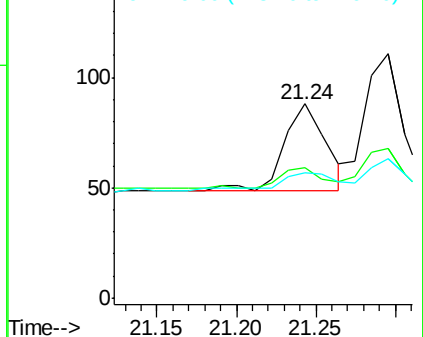
229 64.8 15.2 22.8#



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/uI

RT: 21.30 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

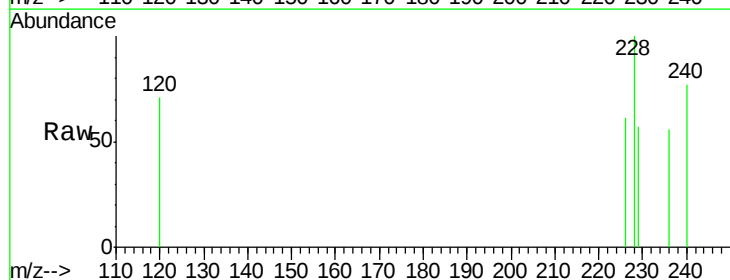
Tgt Ion:228 Resp: 107

Ion Ratio Lower Upper

228 100

226 61.3 25.7 38.5#

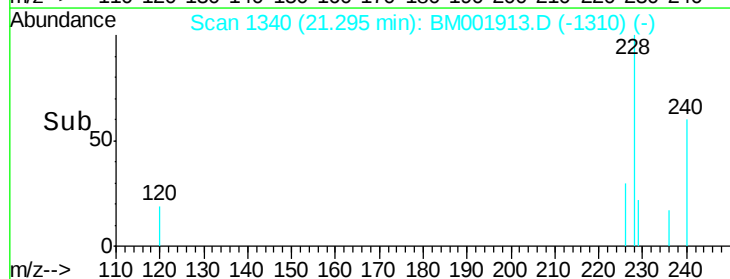
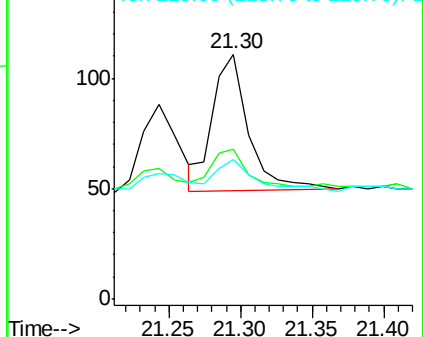
229 56.8 14.8 22.2#

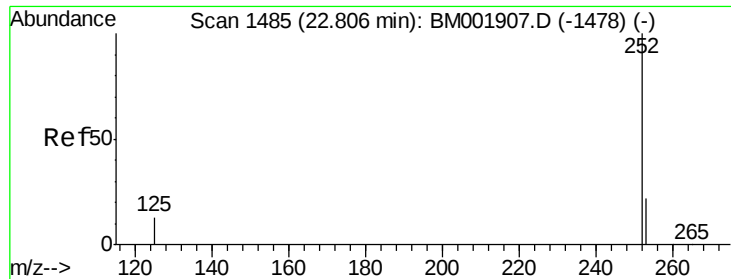


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.81 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

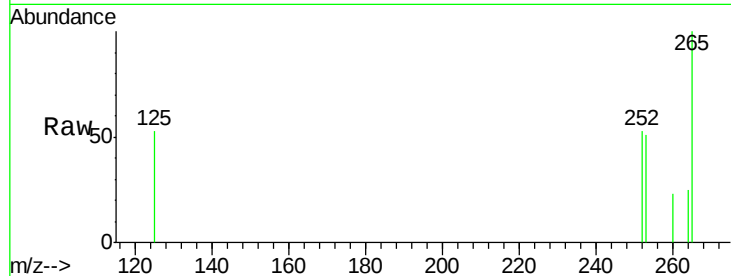
Tgt Ion:252 Resp: 91

Ion Ratio Lower Upper

252 100

253 97.3 0.0 49.0#

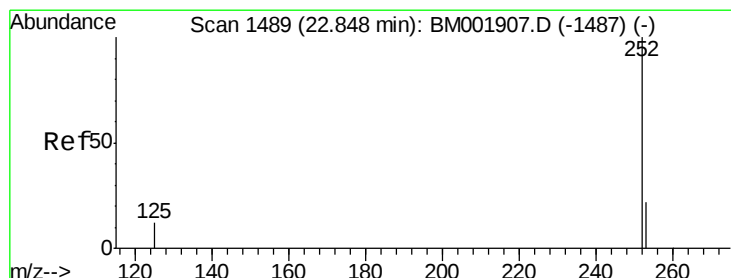
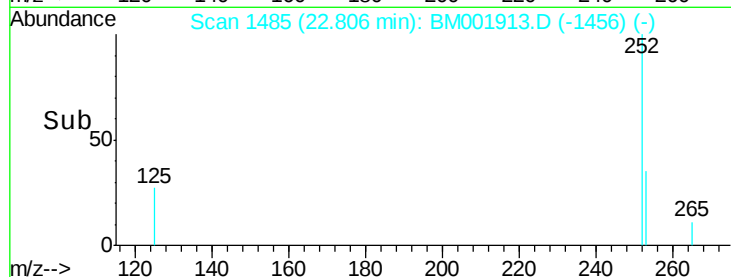
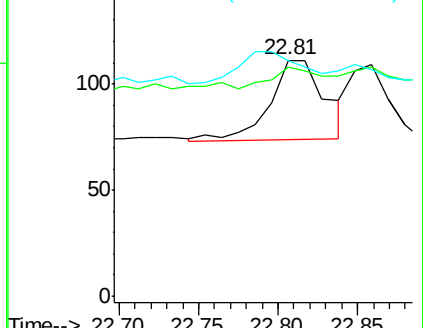
125 100.0 0.0 31.0#



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: 0.00 ng/ul

RT: 22.86 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

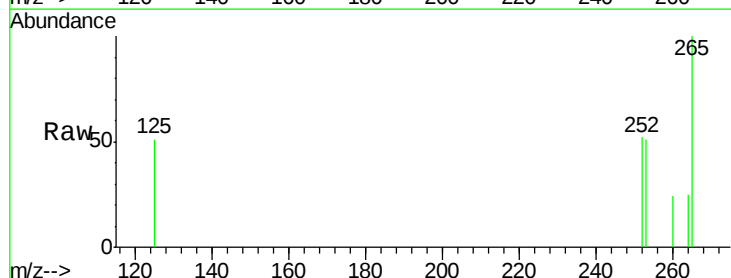
Tgt Ion:252 Resp: 66

Ion Ratio Lower Upper

252 100

253 99.1 18.7 28.1#

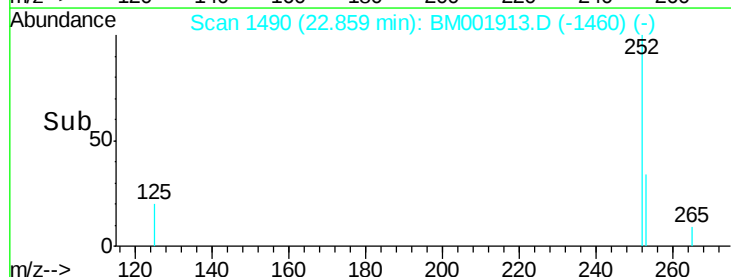
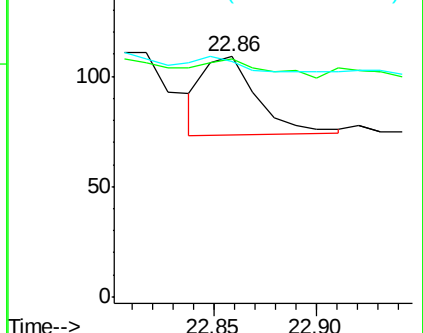
125 98.2 12.5 18.7#

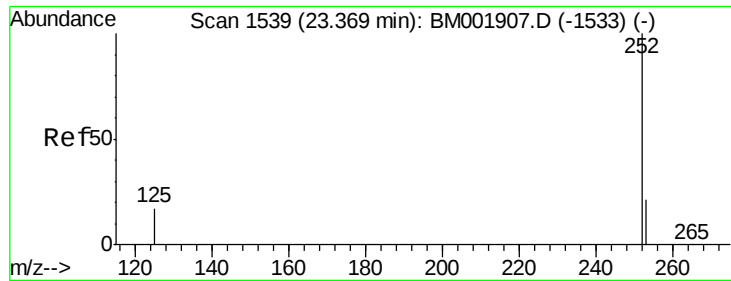


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.38 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

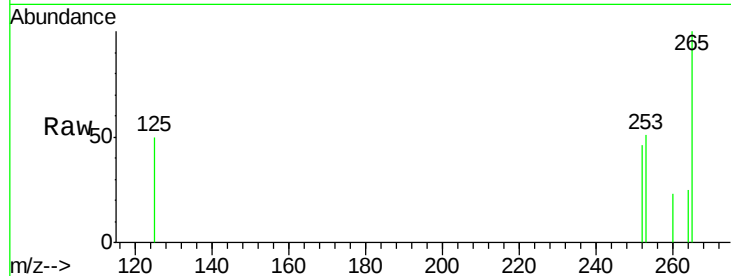
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

253 110.1 18.6 27.8#

125 109.1 15.4 23.2#



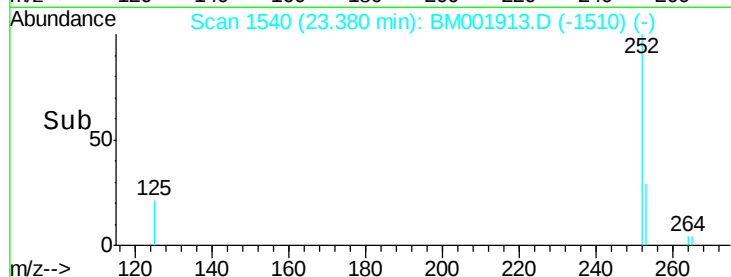
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

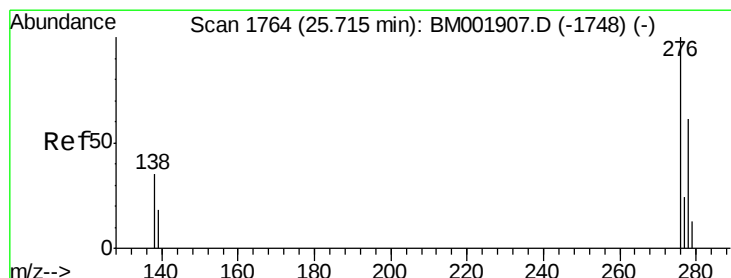
Ion 125.00 (124.70 to 125.70): E

23.38

Time-->



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 25.73 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

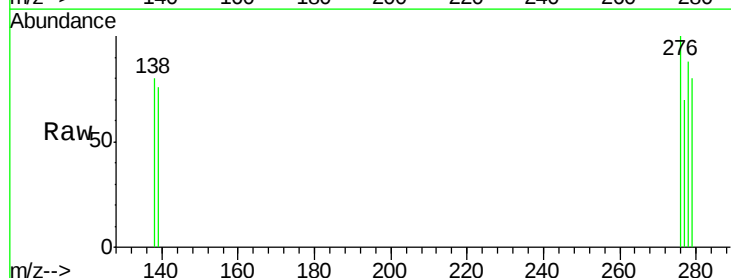
Tgt Ion:276 Resp: 153

Ion Ratio Lower Upper

276 100

138 39.9 28.5 42.7

277 24.2 19.6 29.4



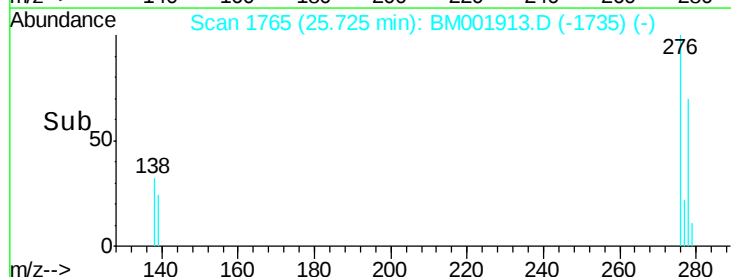
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

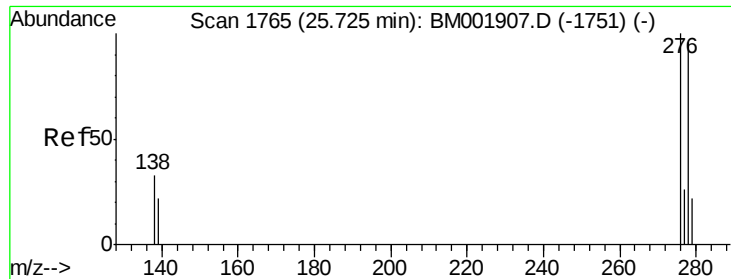
Ion 277.00 (276.70 to 277.70): E

25.73

Time-->



Time-->



#25

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 25.74 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

Instrument :

BNA_M

ClientSampleId :

SBLK85

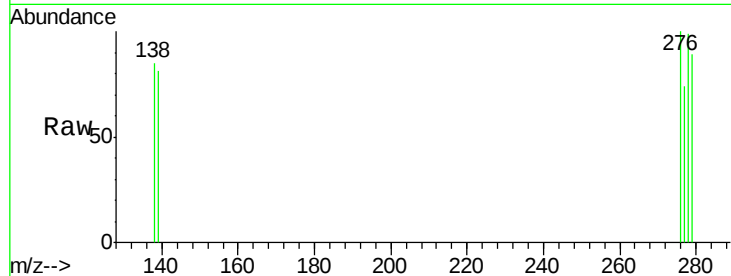
Tgt Ion: 278 Resp: 122

Ion Ratio Lower Upper

278 100

139 81.9 20.6 31.0#

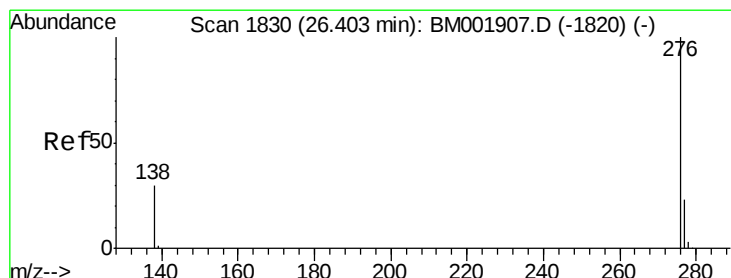
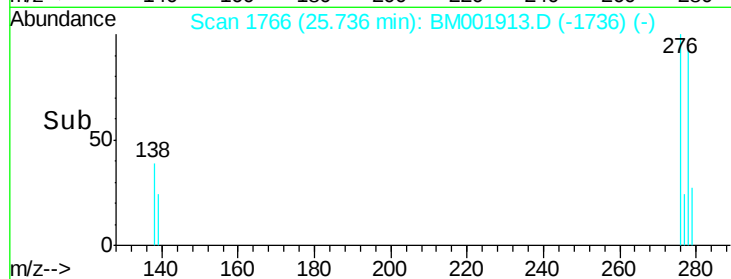
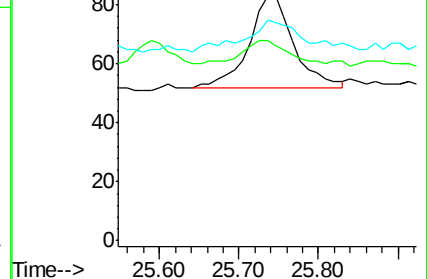
279 90.4 20.3 30.5#



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: 0.01 ng/ul

RT: 26.41 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BM001913.D

Acq: 14 Jul 2015 12:36

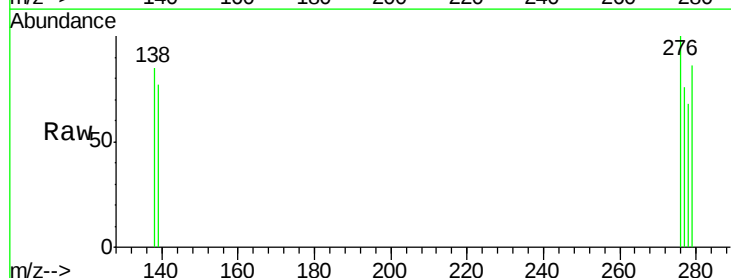
Tgt Ion: 276 Resp: 120

Ion Ratio Lower Upper

276 100

277 75.6 20.1 30.1#

138 84.6 25.5 38.3#



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

