

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
 Data File : BM001122.D
 Acq On : 27 Apr 2015 18:34
 Operator : TP/IZ
 Sample : PB82967BL
 Misc : SBLK53
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK53

Quant Time: Apr 28 01:38:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 14:06:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	1060	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	3644	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.20	164	1901	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	4130	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	3759	0.40	ng/ul	0.01
20) Perylene-d12	23.33	264	3688	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.93	152	1696	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3630	0.39	ng/ul	0.00

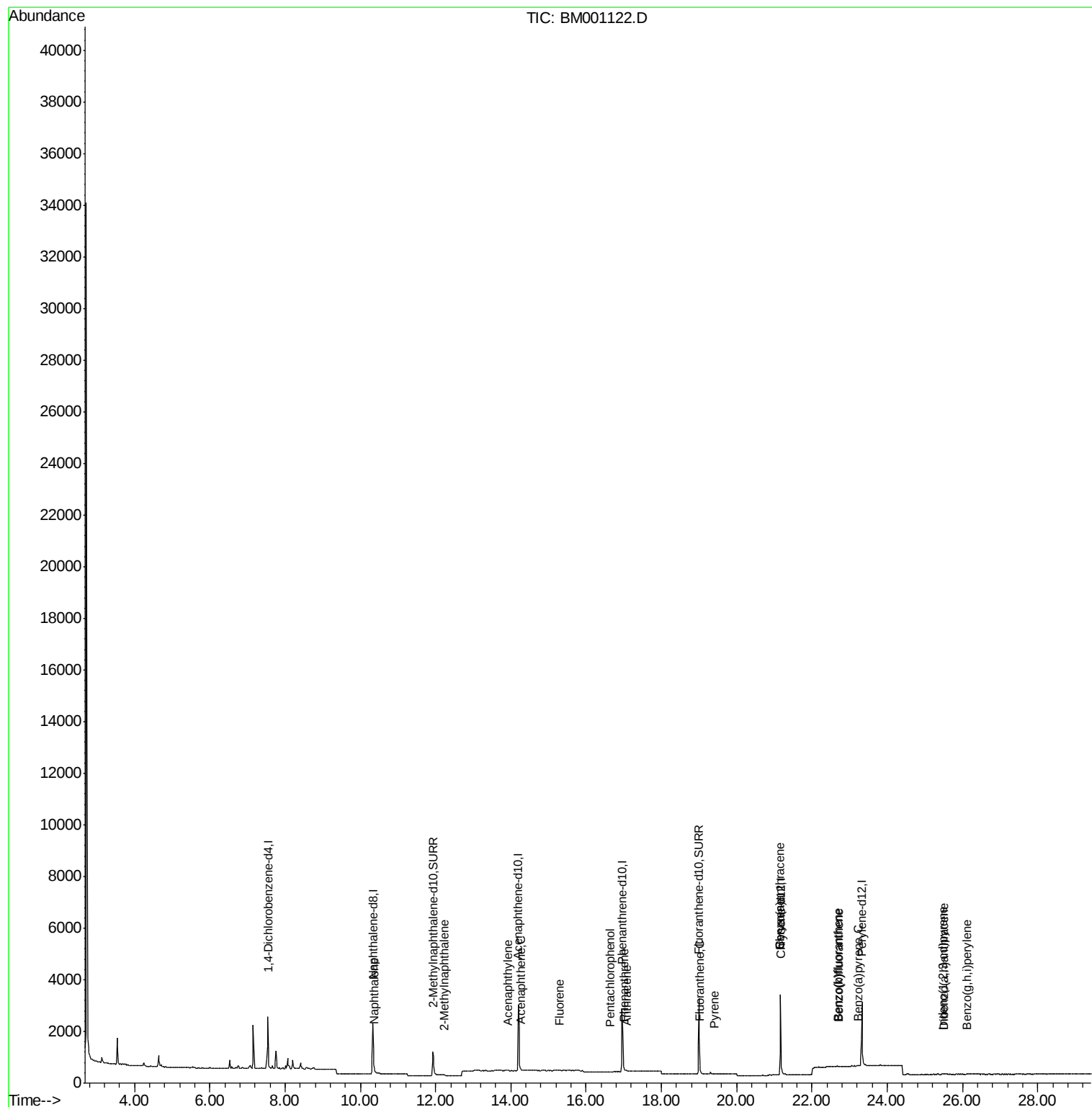
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.37	128	31	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.23	142	15	0.00	ng/ul	95
7) Acenaphthylene	12.93	152	11	0.00	ng/ul#	1
8) Acenaphthene	14.27	153	15	0.00	ng/ul#	71
9) Fluorene	15.28	166	7	0.00	ng/ul#	66
11) Pentachlorophenol	16.64	266	4	0.01	ng/ul#	53
12) Phenanthrene	17.00	178	23	0.00	ng/ul#	1
13) Anthracene	17.09	178	6	0.00	ng/ul#	1
15) Fluoranthene	19.02	202	19	0.00	ng/ul#	1
17) Pyrene	19.40	202	18	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.16	228	34	0.00	ng/ul#	1
19) Chrysene	21.16	228	34	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	22.68	252	19	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.72	252	14	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.22	252	32	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.49	276	41	0.00	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.50	278	24	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.13	276	22	0.00	ng/ul#	1

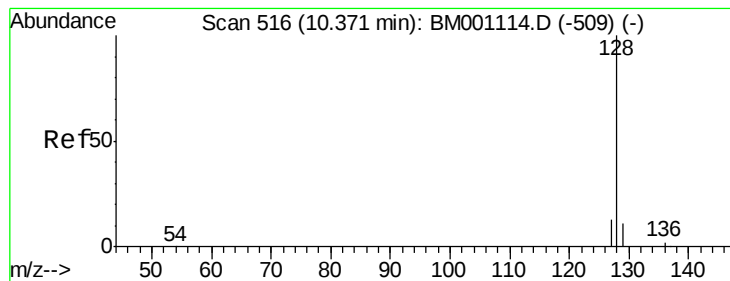
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.37 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

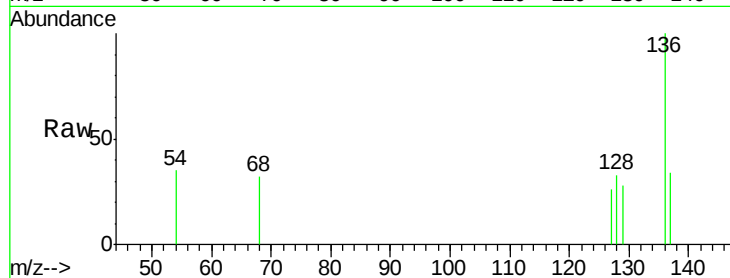
Tgt Ion:128 Resp: 31

Ion Ratio Lower Upper

128 100

129 82.5 10.2 15.4#

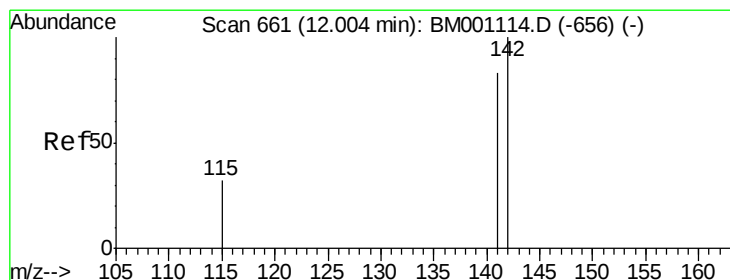
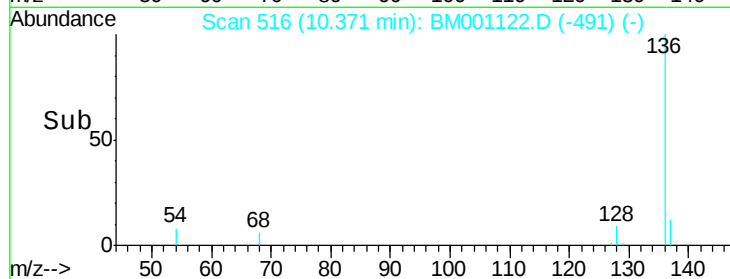
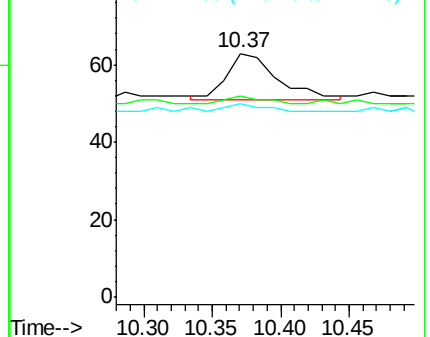
127 79.4 11.7 17.5#



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: 12.23 min Scan# 683

Delta R.T. 0.23 min

Lab File: BM001122.D

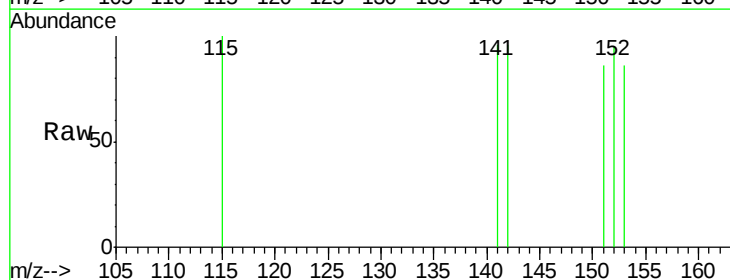
Acq: 27 Apr 2015 18:34

Tgt Ion:142 Resp: 15

Ion Ratio Lower Upper

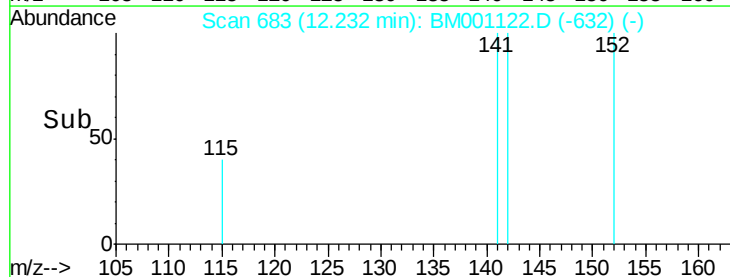
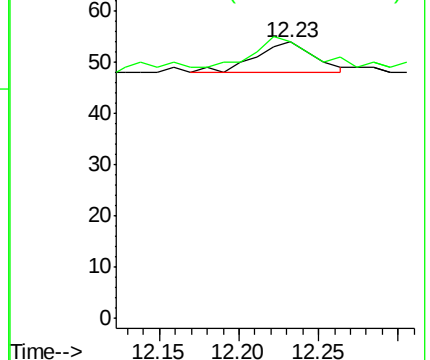
142 100

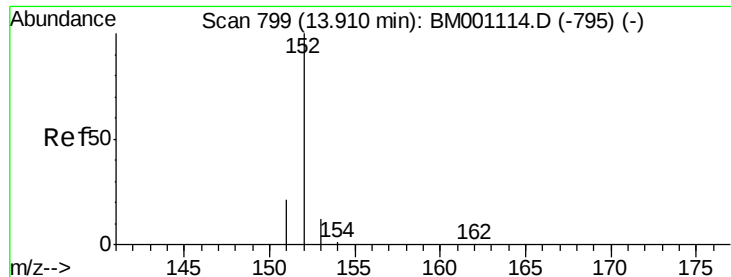
141 93.3 70.6 106.0



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: 13.93 min Scan# 800

Delta R.T. 0.02 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

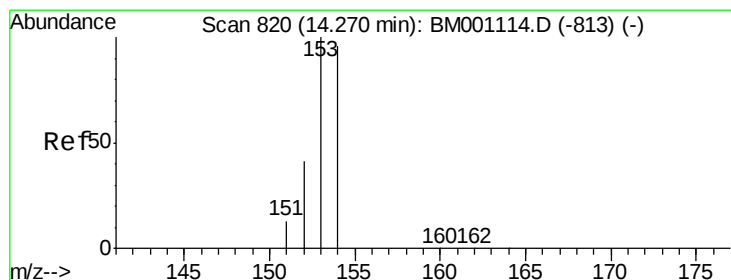
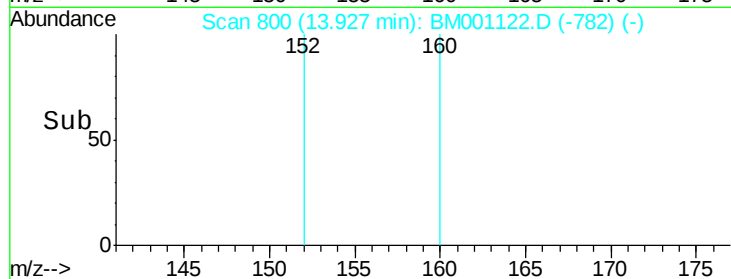
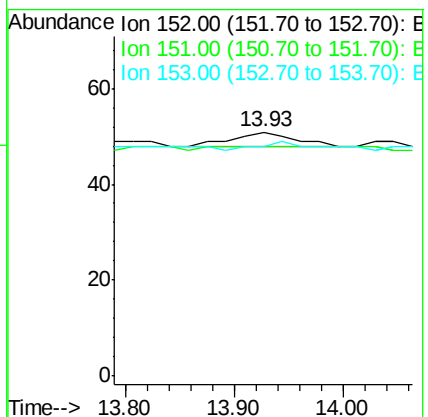
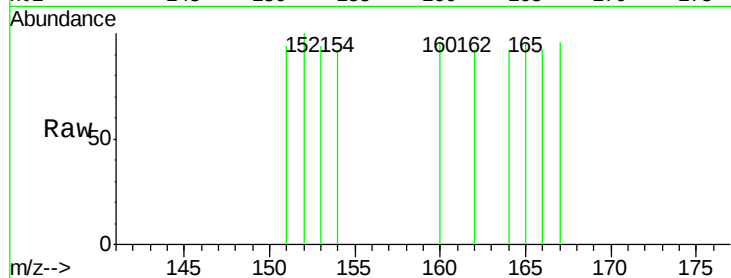
Tgt Ion:152 Resp: 11

Ion Ratio Lower Upper

152 100

151 94.1 18.7 28.1#

153 94.1 11.6 17.4#



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

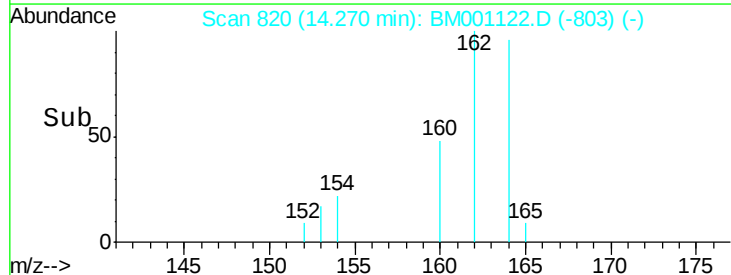
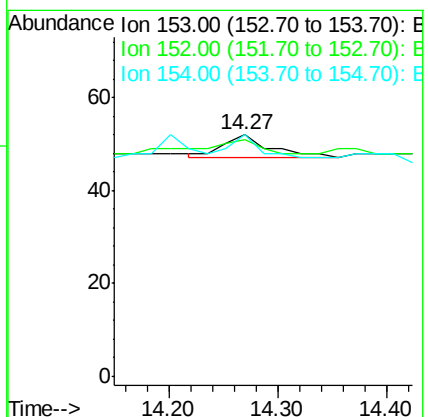
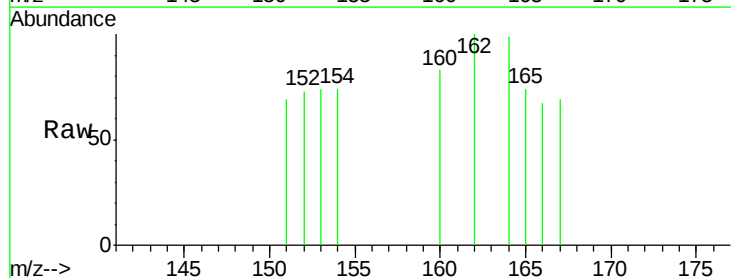
Tgt Ion:153 Resp: 15

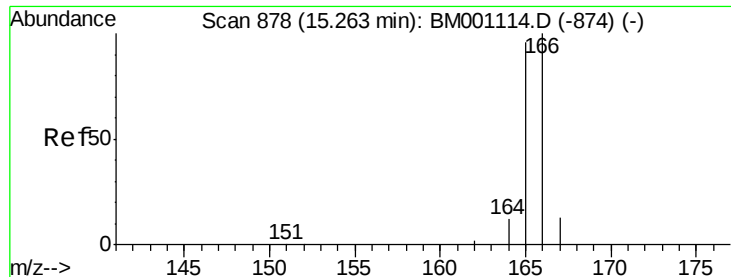
Ion Ratio Lower Upper

153 100

152 98.1 35.1 52.7#

154 100.0 77.0 115.4

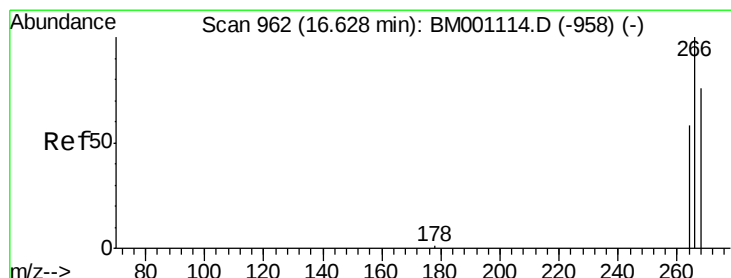
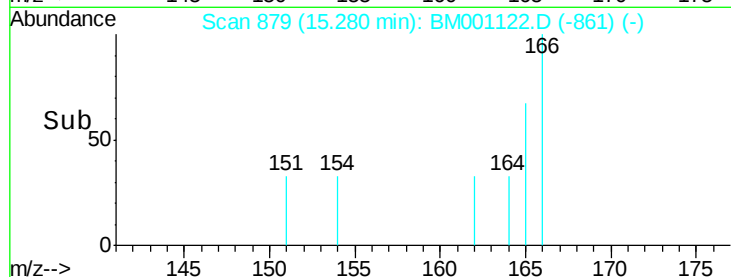
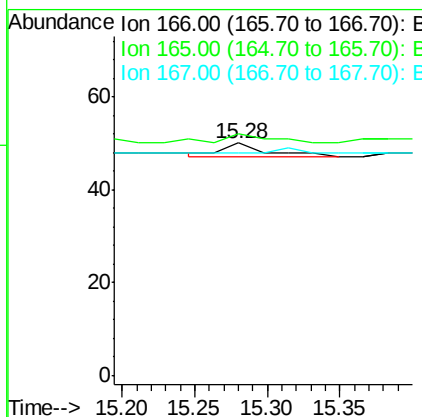
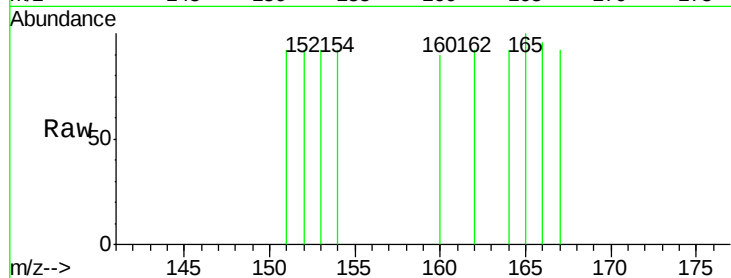




#9
Fluorene
 Concen: 0.00 ng/ul
 RT: 15.28 min Scan# 879
 Delta R.T. 0.02 min
 Lab File: BM001122.D
 Acq: 27 Apr 2015 18:34

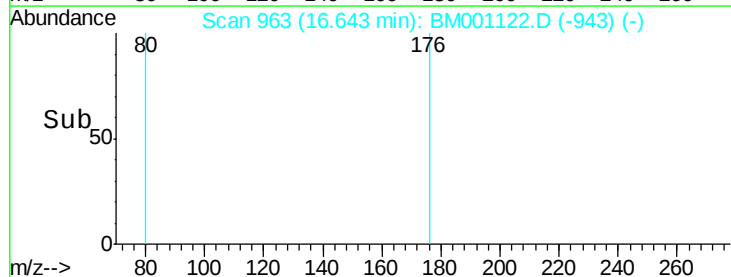
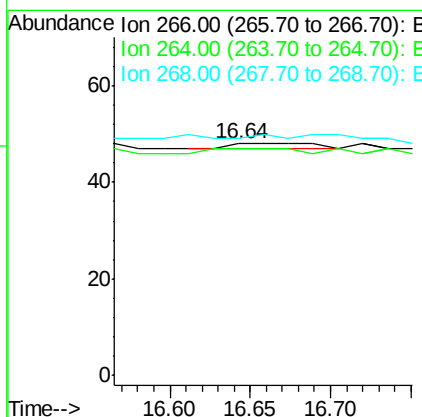
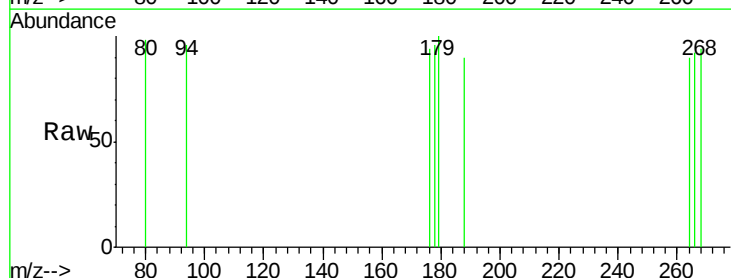
Instrument :
 BNA_M
 ClientSampleId :
 SBLK53

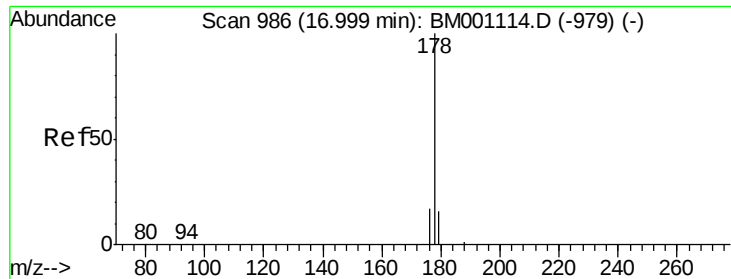
Tgt Ion:166 Resp: 7
 Ion Ratio Lower Upper
 166 100
 165 104.0 76.8 115.2
 167 96.0 12.6 18.8#



#11
Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.64 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BM001122.D
 Acq: 27 Apr 2015 18:34

Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.3 76.9#
 268 75.0 52.2 78.4





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.00 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

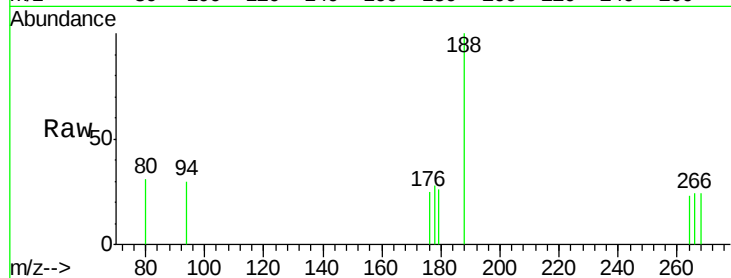
Tgt Ion:178 Resp: 23

Ion Ratio Lower Upper

178 100

176 89.3 14.9 22.3#

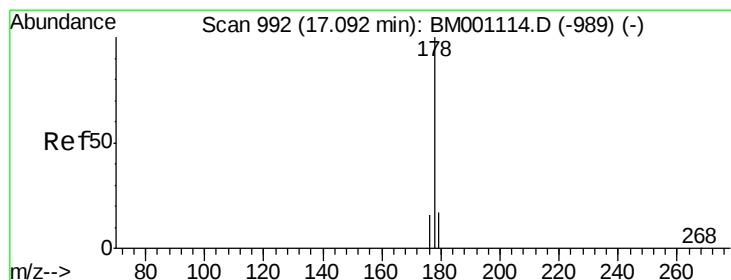
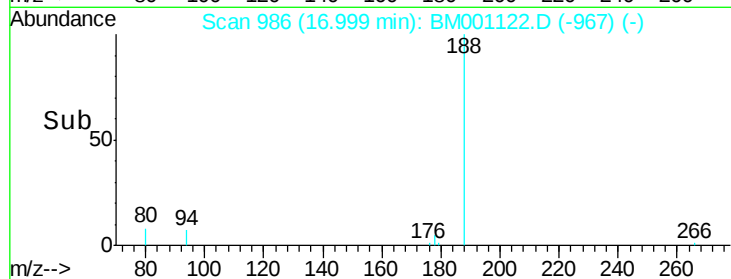
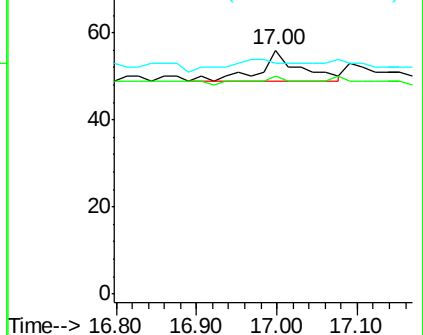
179 94.6 14.2 21.4#



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: 17.09 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

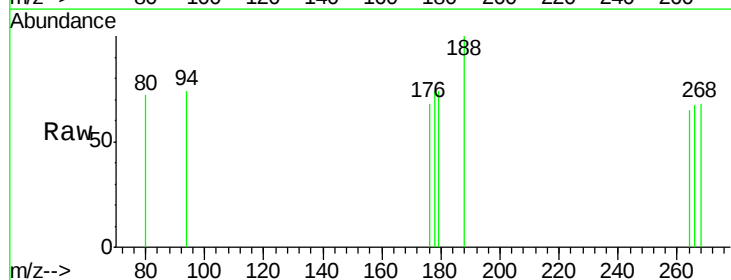
Tgt Ion:178 Resp: 6

Ion Ratio Lower Upper

178 100

176 92.5 14.7 22.1#

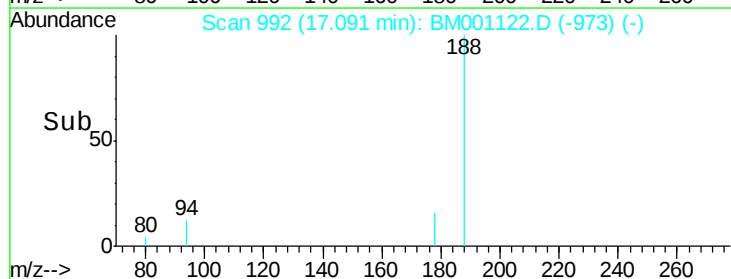
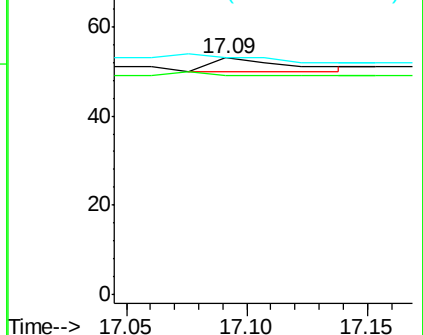
179 100.0 15.0 22.6#

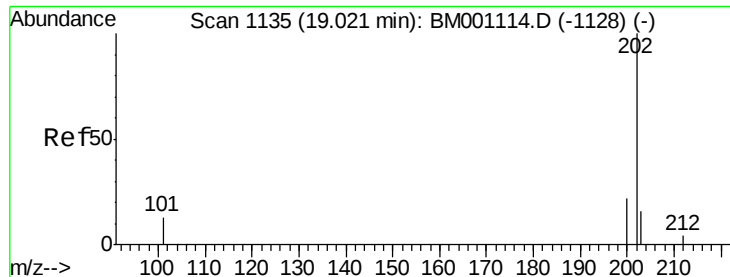


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.02 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

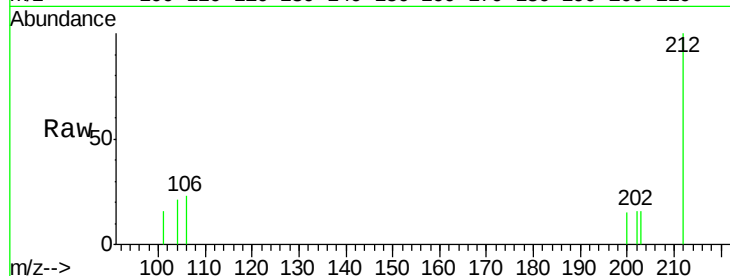
Tgt Ion:202 Resp: 19

Ion Ratio Lower Upper

202 100

101 96.2 0.0 33.8#

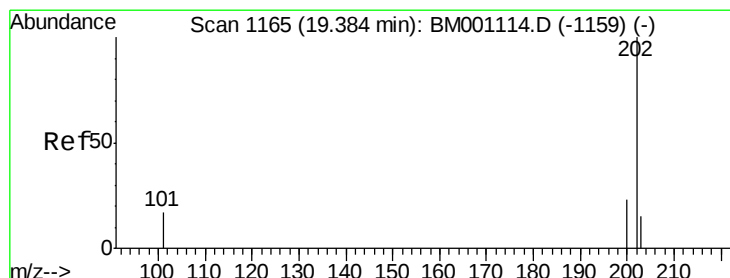
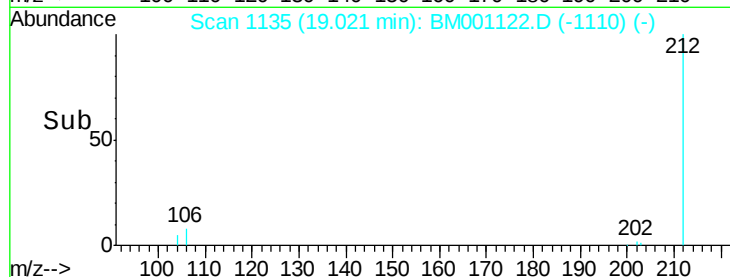
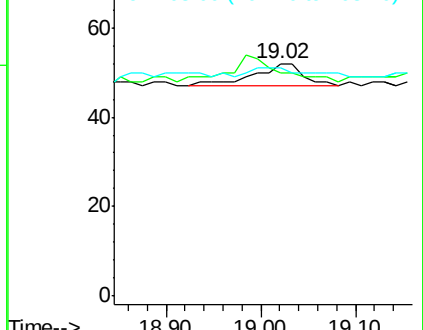
203 98.1 0.0 37.2#



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: 19.40 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

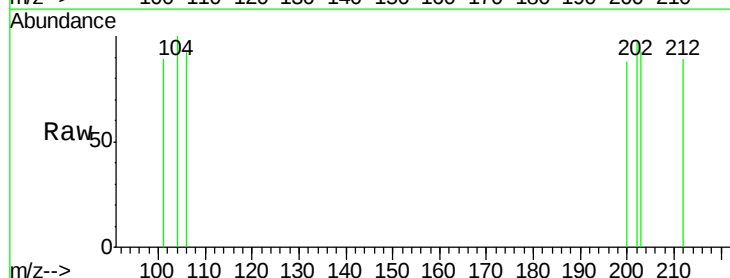
Tgt Ion:202 Resp: 18

Ion Ratio Lower Upper

202 100

200 89.1 19.2 28.8#

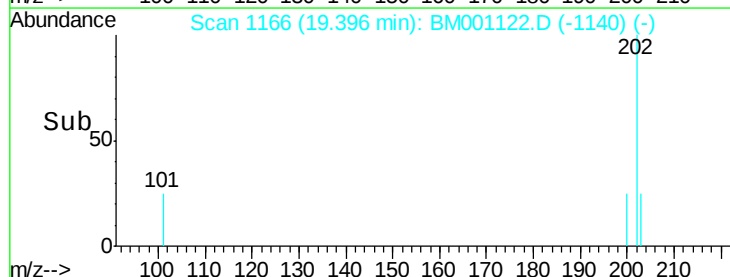
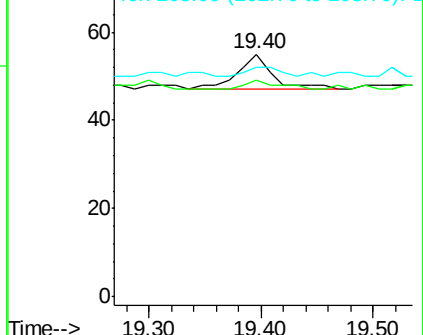
203 94.5 13.2 19.8#

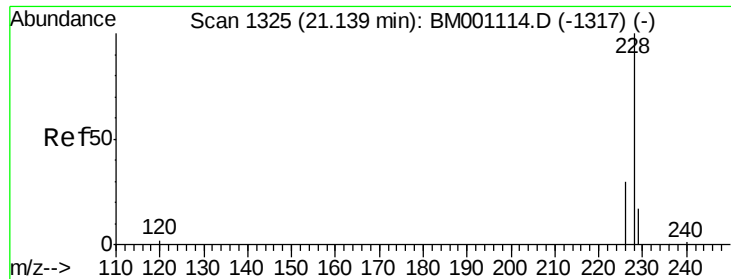


Abundance Ion 202.00 (201.70 to 202.70): E

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/ul

RT: 21.16 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

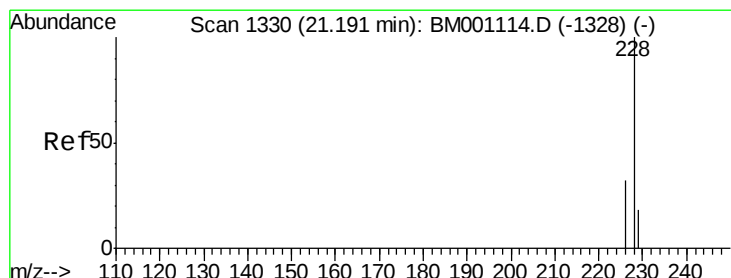
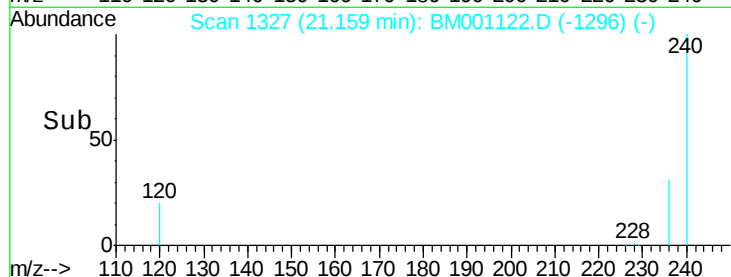
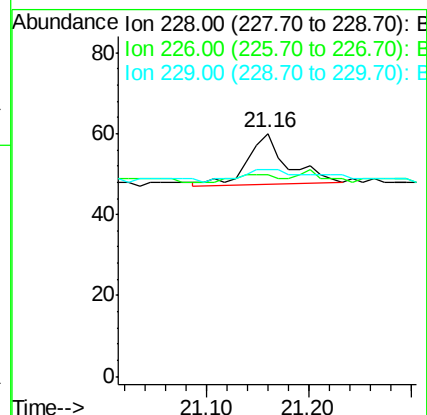
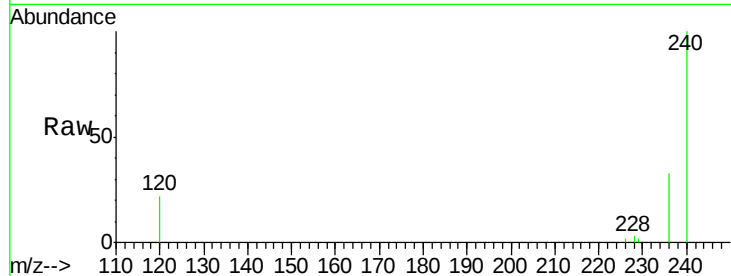
Tgt Ion:228 Resp: 34

Ion Ratio Lower Upper

228 100

226 83.3 24.4 36.6#

229 85.0 15.0 22.4#



#19

Chrysene

Concen: 0.00 ng/ul

RT: 21.16 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

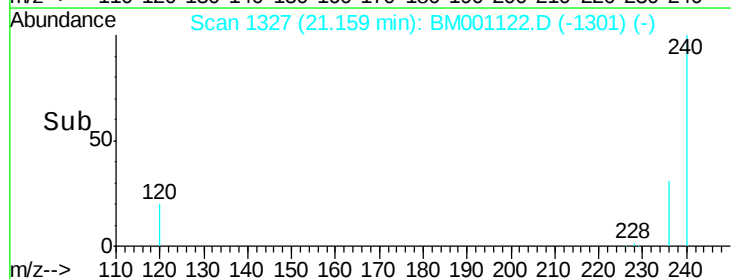
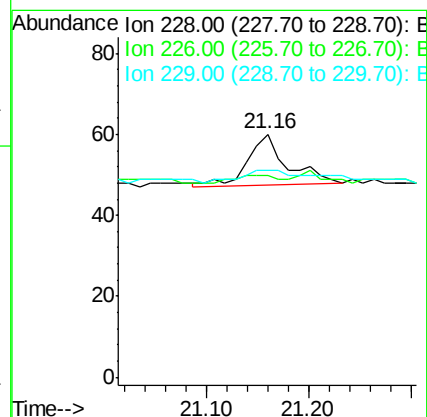
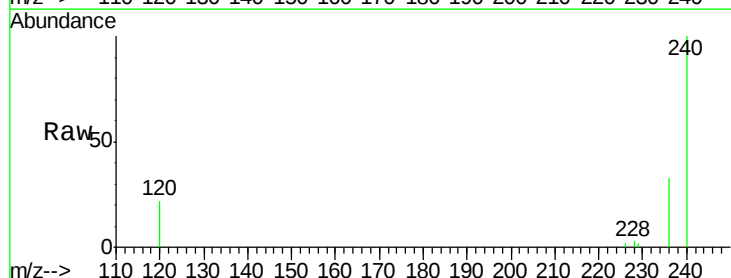
Tgt Ion:228 Resp: 34

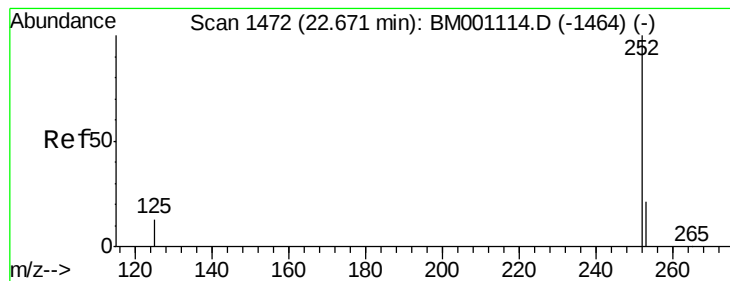
Ion Ratio Lower Upper

228 100

226 83.3 26.0 39.0#

229 85.0 15.2 22.8#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.68 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

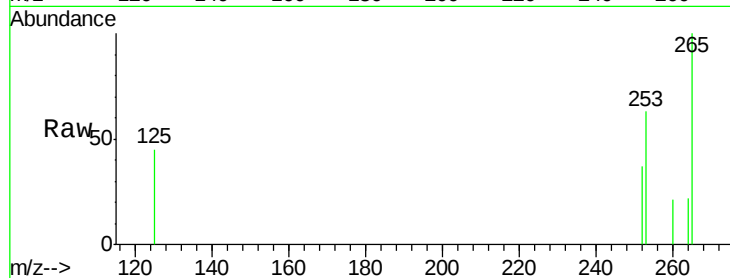
Tgt Ion:252 Resp: 19

Ion Ratio Lower Upper

252 100

253 169.0 0.0 49.8#

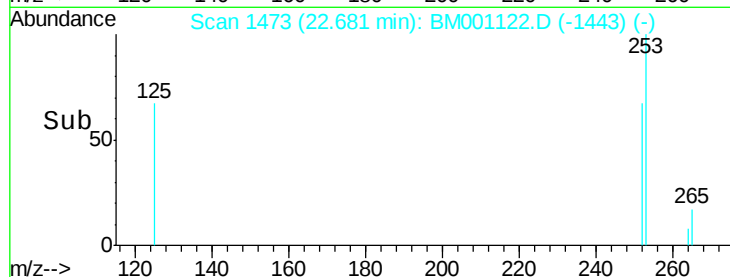
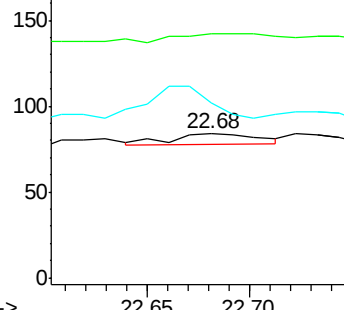
125 121.4 0.0 31.6#



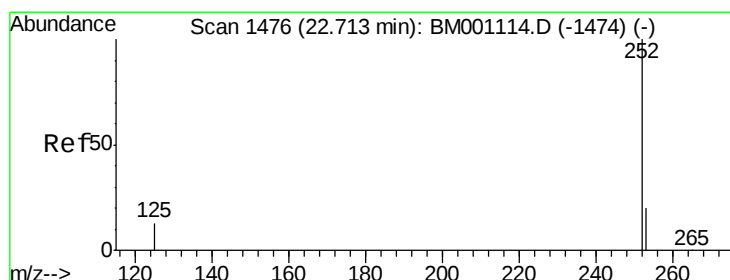
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.72 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

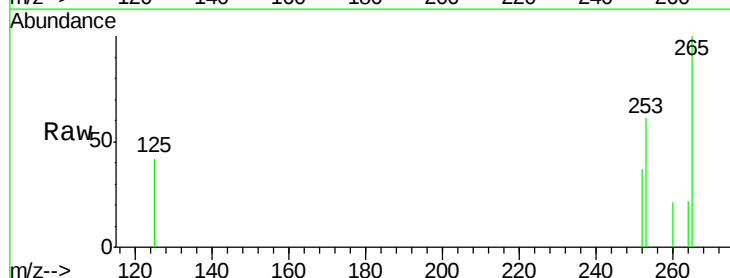
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 166.7 20.3 30.5#

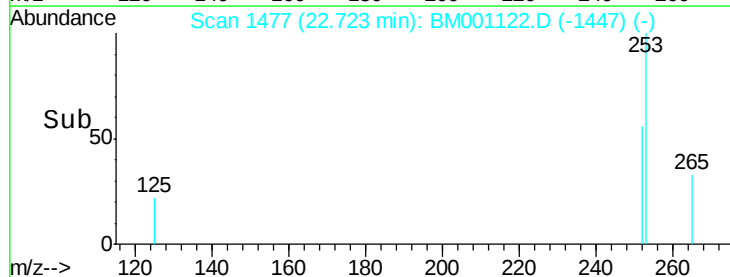
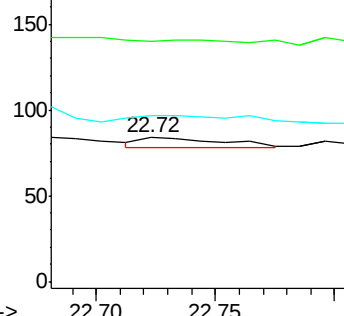
125 115.5 12.6 19.0#



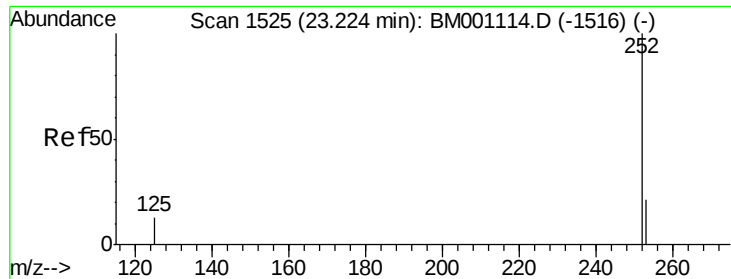
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.22 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Instrument :

BNA_M

ClientSampleId :

SBLK53

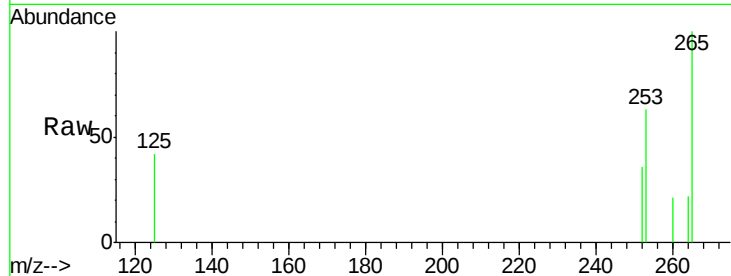
Tgt Ion: 252 Resp: 32

Ion Ratio Lower Upper

252 100

253 173.3 21.4 32.0#

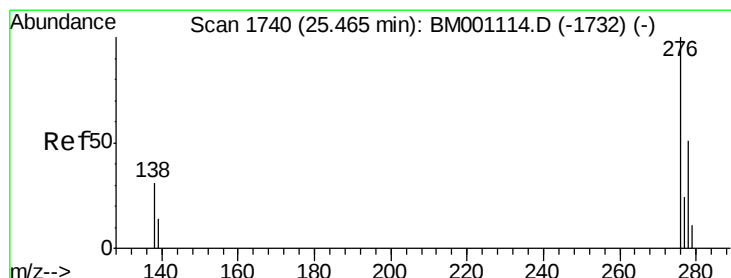
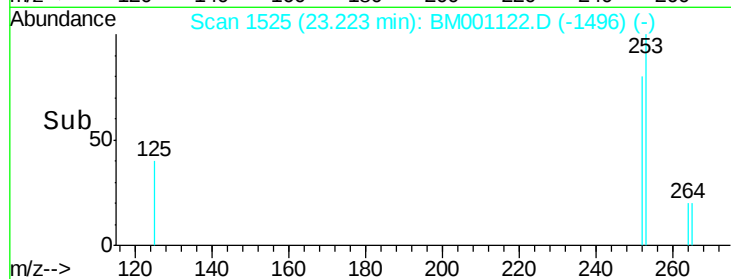
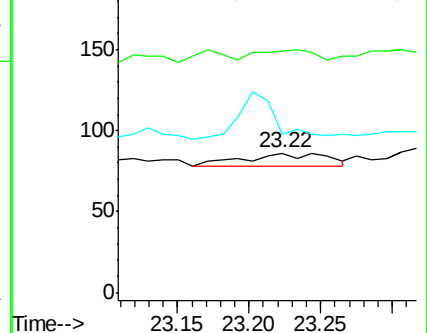
125 114.0 13.8 20.6#



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: 0.00 ng/ul

RT: 25.49 min Scan# 1742

Delta R.T. 0.02 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

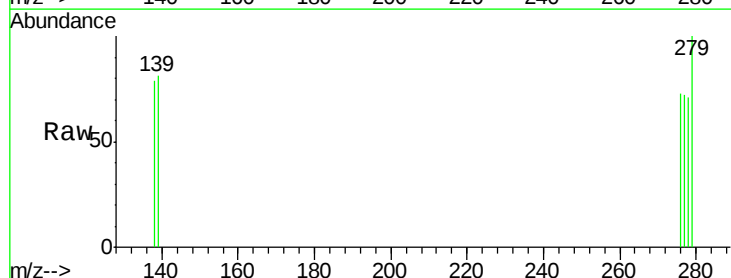
Tgt Ion: 276 Resp: 41

Ion Ratio Lower Upper

276 100

138 36.6 25.0 37.4

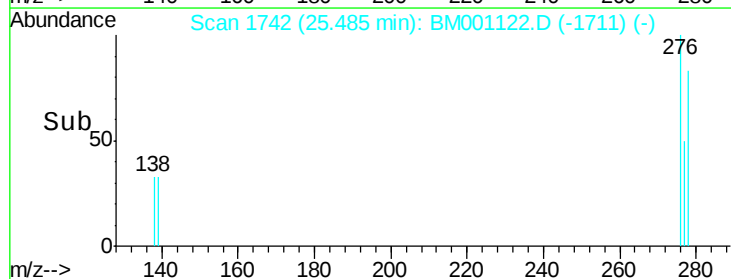
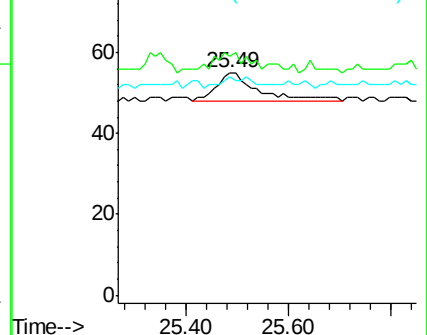
277 7.3 19.9 29.9#

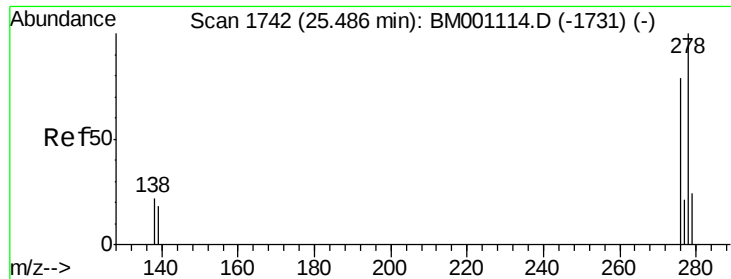


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.50 min Scan# 1743

Delta R.T. 0.01 min

Lab File: BM001122.D

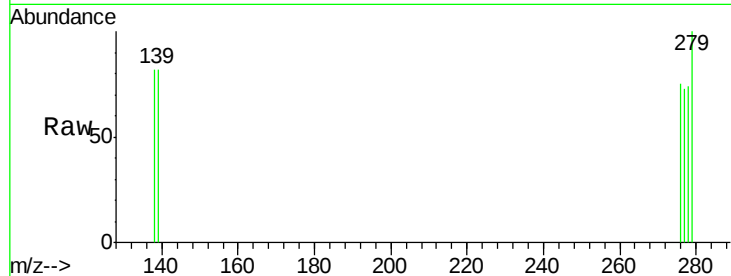
Acq: 27 Apr 2015 18:34

Instrument :

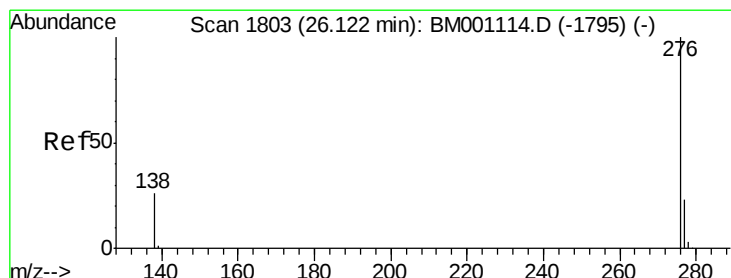
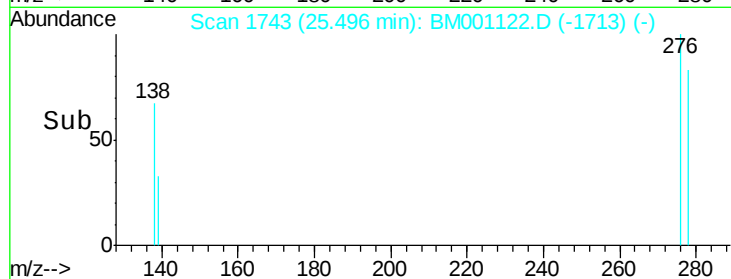
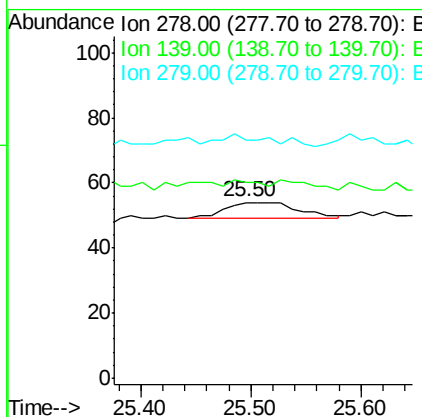
BNA_M

ClientSampled :

SBLK53



Tgt Ion:	278	Resp:	24
Ion	Ratio	Lower	Upper
278	100		
139	111.1	17.3	25.9#
279	135.2	22.2	33.4#



#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.13 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BM001122.D

Acq: 27 Apr 2015 18:34

Tgt Ion:	276	Resp:	22
Ion	Ratio	Lower	Upper
276	100		
277	96.3	20.5	30.7#
138	107.4	23.5	35.3#

