

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051715\
 Data File : BM001324.D
 Acq On : 15 May 2015 11:58
 Operator : TP/IZ
 Sample : PB83266BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK59

Quant Time: May 16 02:27:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM051115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 02:13:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1184	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	4004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	2118	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	4389	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	3823	0.40	ng/ul	-0.01
20) Perylene-d12	23.18	264	3629	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.83	152	1694	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3373	0.35	ng/ul	0.00

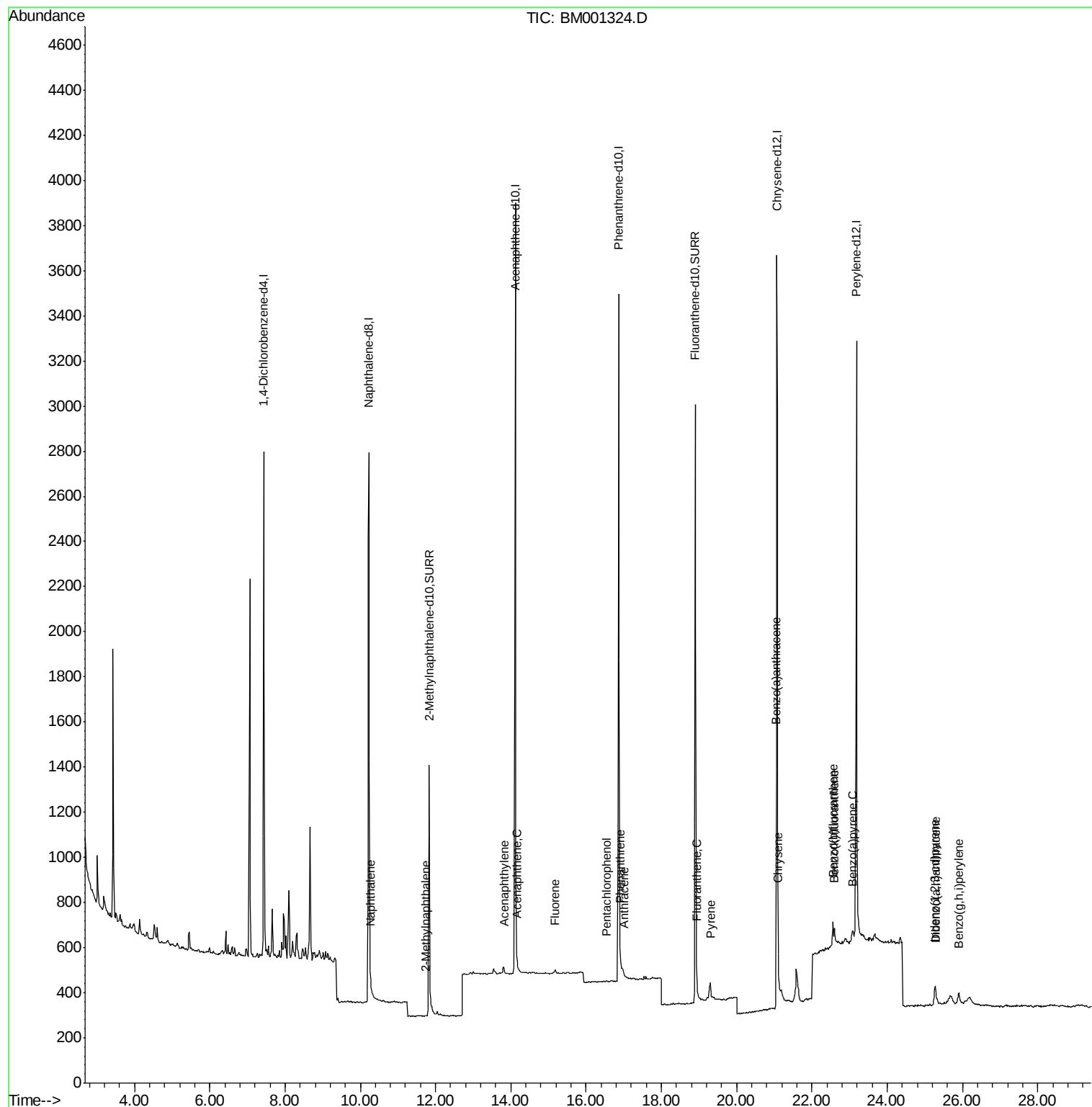
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.26	128	42	0.00	ng/ul#	1
5) 2-Methylnaphthalene	11.73	142	1	0.00	ng/ul	88
7) Acenaphthylene	13.82	152	9	0.00	ng/ul#	1
8) Acenaphthene	14.17	153	12	0.00	ng/ul#	70
9) Fluorene	15.18	166	18	0.00	ng/ul#	50
11) Pentachlorophenol	16.53	266	7	0.01	ng/ul#	53
12) Phenanthrene	16.91	178	48	0.00	ng/ul#	1
13) Anthracene	17.00	178	25	0.00	ng/ul#	1
15) Fluoranthene	18.94	202	84	0.01	ng/ul#	1
17) Pyrene	19.30	202	96	0.01	ng/ul#	5
18) Benzo(a)anthracene	21.06	228	94	0.01	ng/ul#	29
19) Chrysene	21.10	228	136	0.01	ng/ul#	33
21) Benzo(b)fluoranthene	22.56	252	131	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.60	252	94	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.09	252	70	0.01	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.27	276	143	0.01	ng/ul	94
25) Dibenzo(a,h)anthracene	25.29	278	121	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	25.89	276	104	0.01	ng/ul#	1

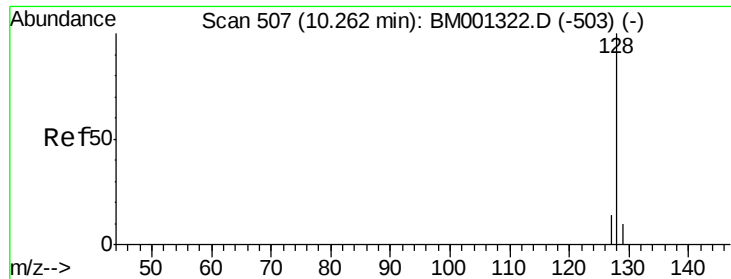
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.26 min Scan# 507

Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

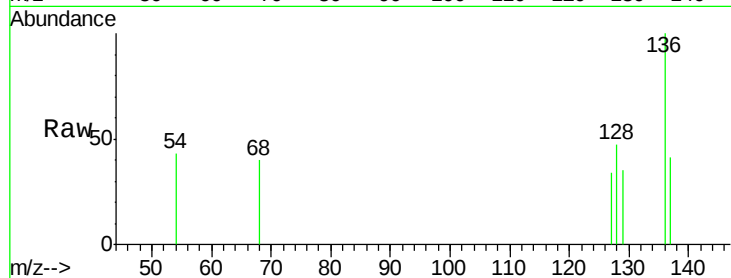
Tgt Ion:128 Resp: 42

Ion Ratio Lower Upper

128 100

129 75.0 10.4 15.6#

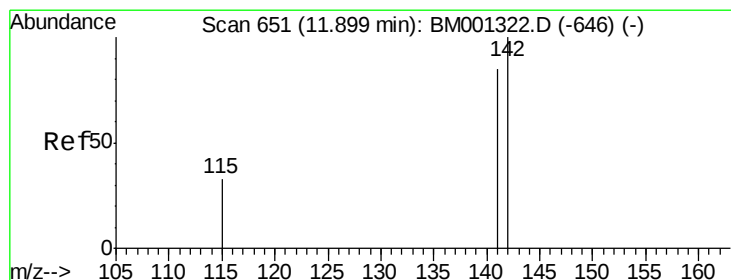
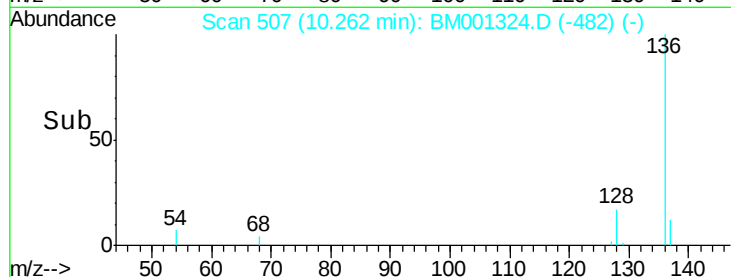
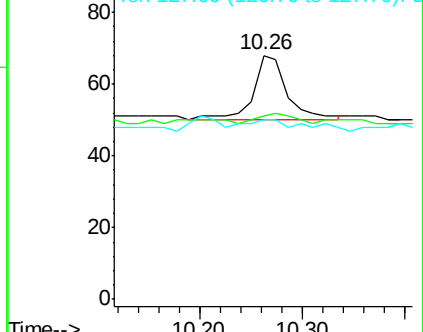
127 73.5 11.3 16.9#



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: 11.73 min Scan# 635

Delta R.T. -0.17 min

Lab File: BM001324.D

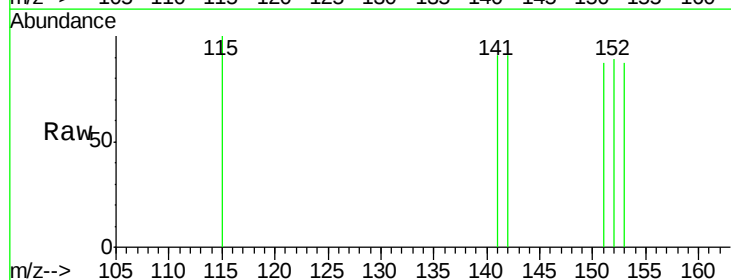
Acq: 15 May 2015 11:58

Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

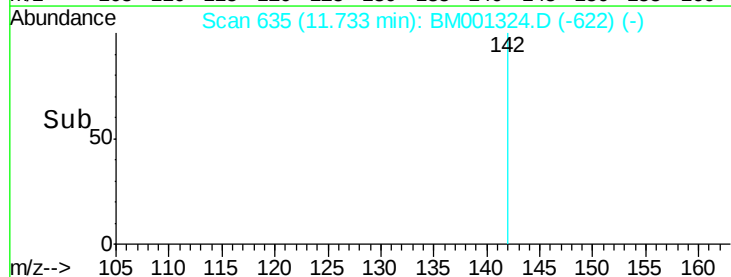
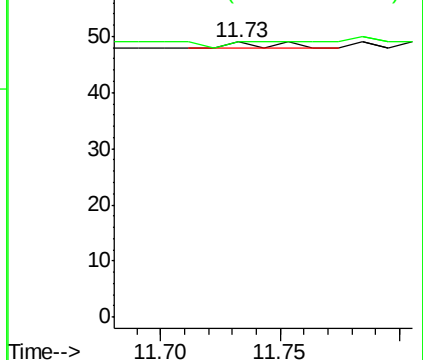
142 100

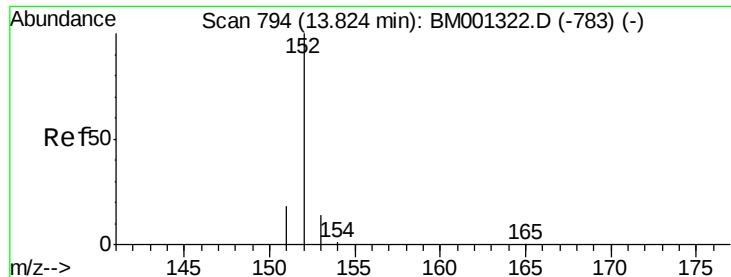
141 100.0 70.8 106.2



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: 13.82 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

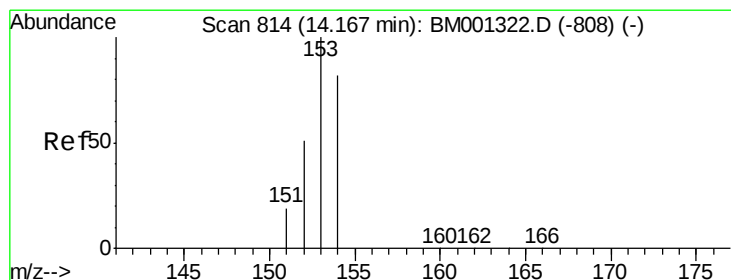
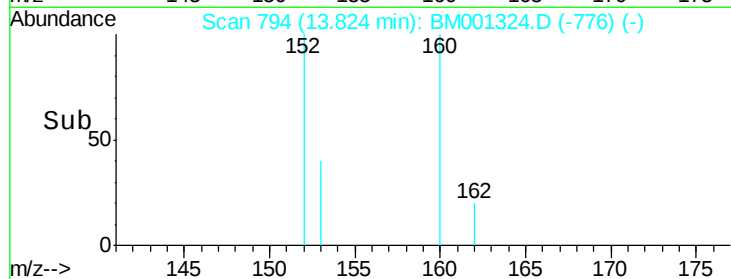
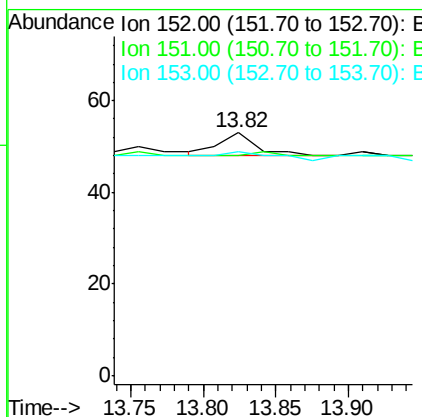
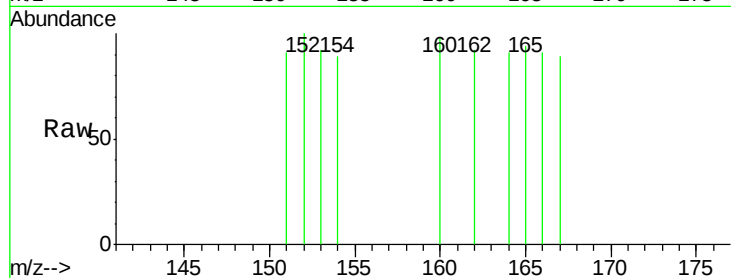
Instrument :

BNA_M

ClientSampleId :

SBLK59

Tgt Ion:	152	Resp:	9
Ion	Ratio	Lower	Upper
152	100		
151	90.6	15.7	23.5#
153	92.5	13.3	19.9#



#8

Acenaphthene

Concen: 0.00 ng/ul

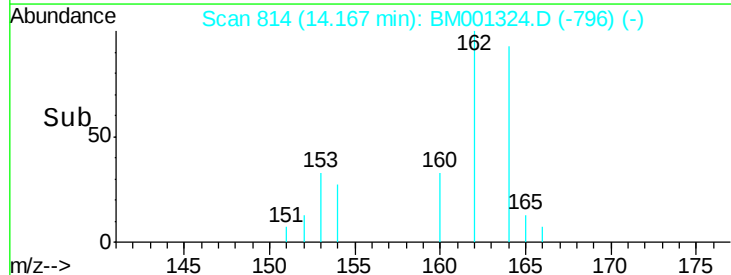
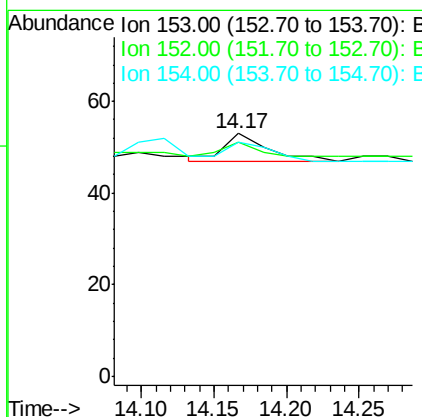
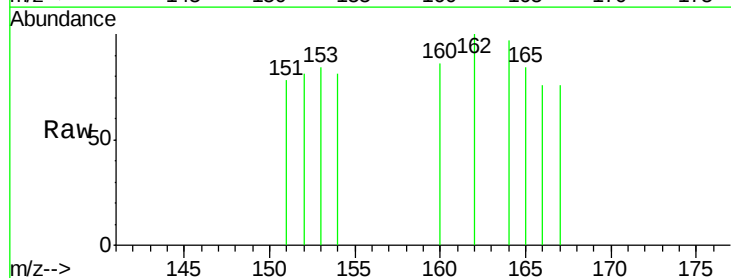
RT: 14.17 min Scan# 814

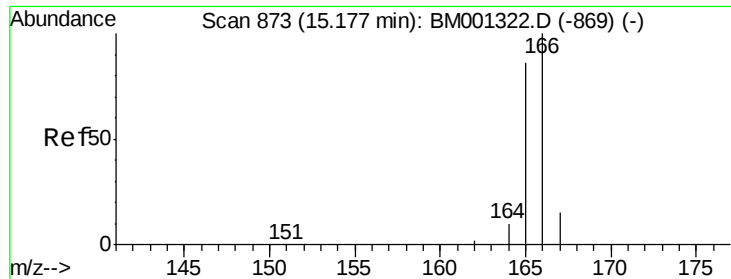
Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Tgt Ion:	153	Resp:	12
Ion	Ratio	Lower	Upper
153	100		
152	96.2	39.4	59.0#
154	96.2	70.6	105.8





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.18 min Scan# 873

Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

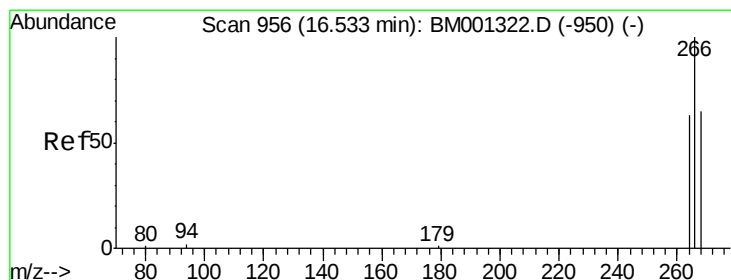
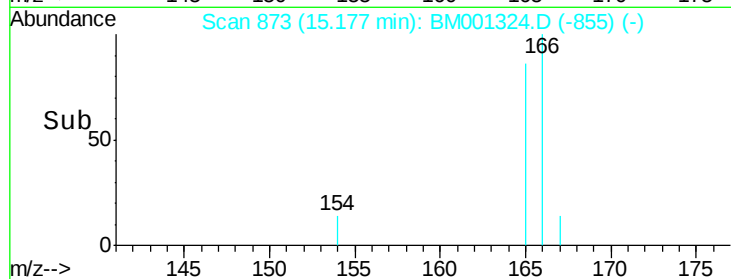
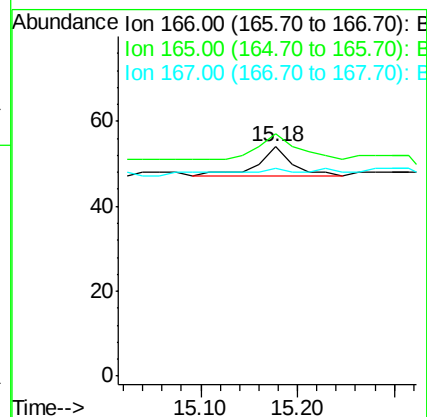
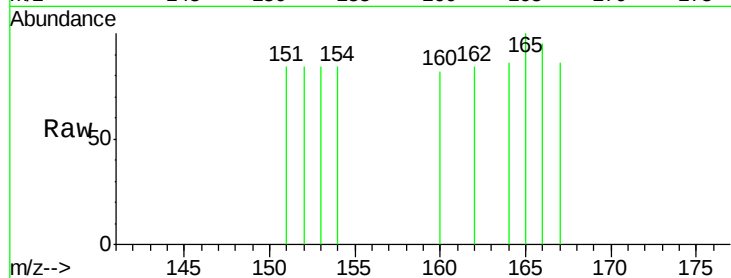
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 105.6 66.2 99.2#

167 90.7 14.7 22.1#



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.53 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

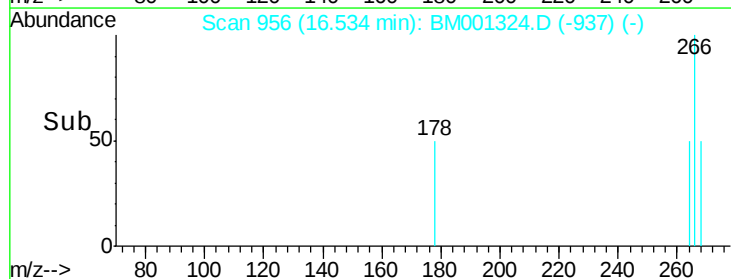
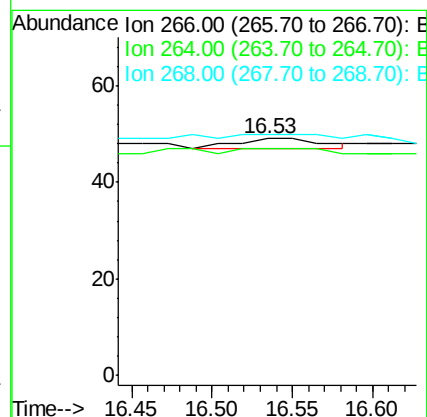
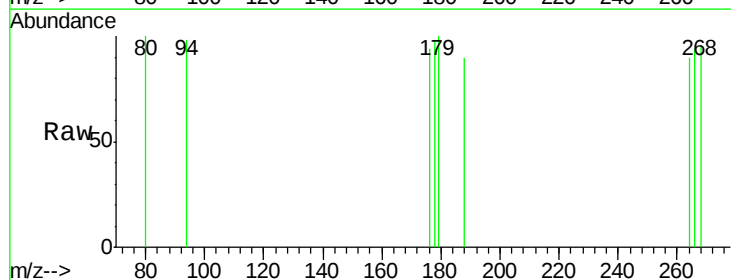
Tgt Ion:266 Resp: 7

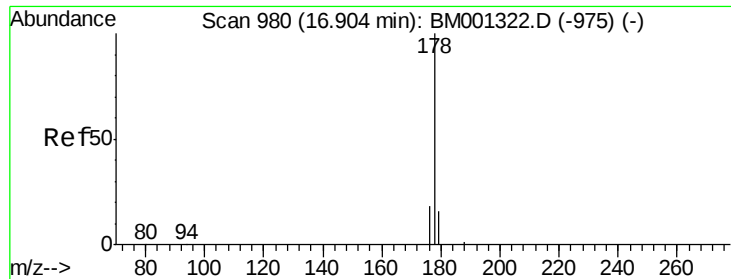
Ion Ratio Lower Upper

266 100

264 57.1 54.6 81.8

268 0.0 51.2 76.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 16.91 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

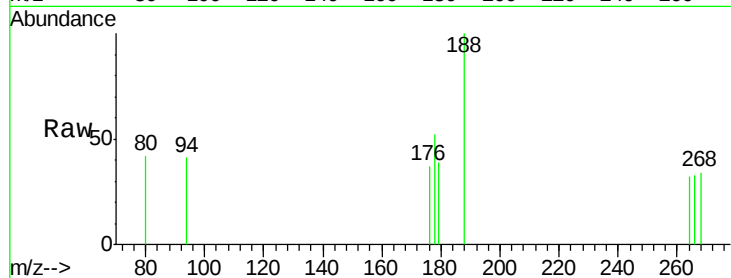
Tgt Ion:178 Resp: 48

Ion Ratio Lower Upper

178 100

176 71.1 14.3 21.5#

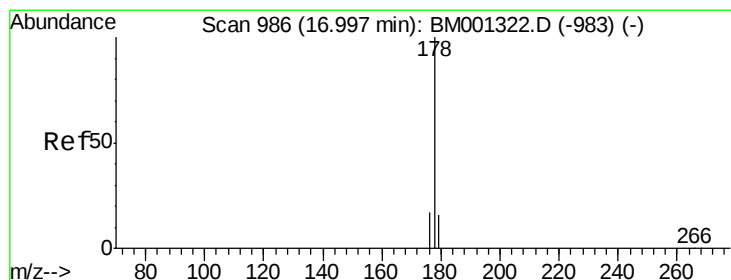
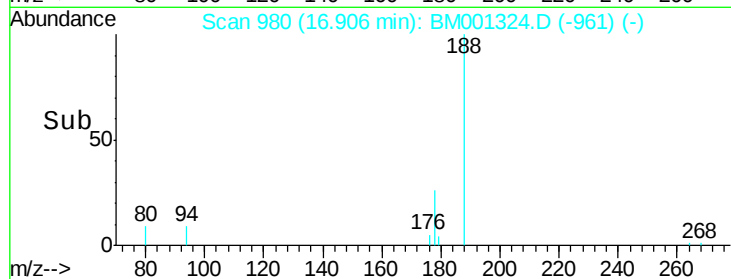
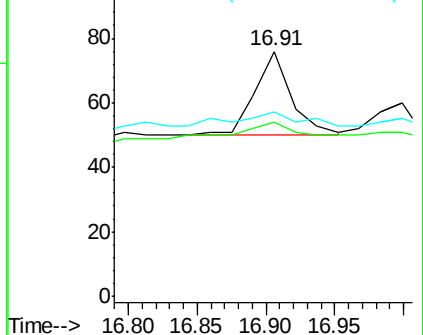
179 75.0 14.9 22.3#



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: 17.00 min Scan# 986

Delta R.T. 0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

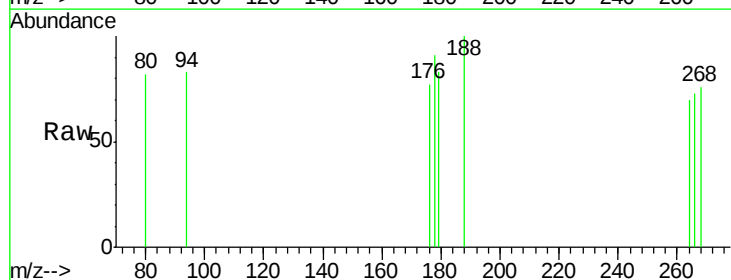
Tgt Ion:178 Resp: 25

Ion Ratio Lower Upper

178 100

176 85.0 14.6 22.0#

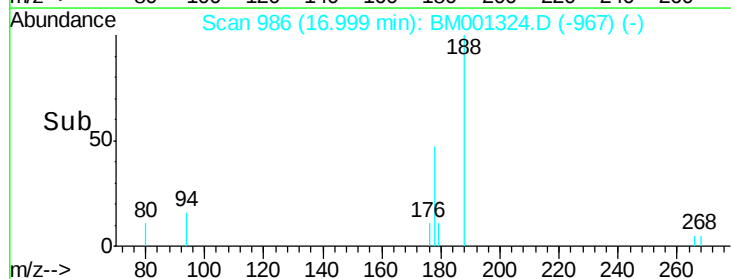
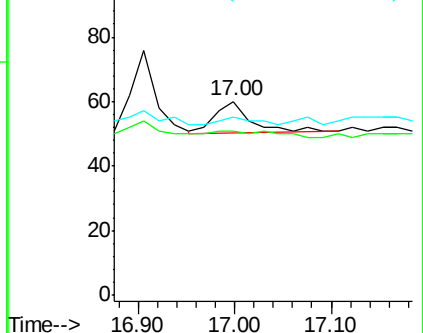
179 91.7 15.3 22.9#

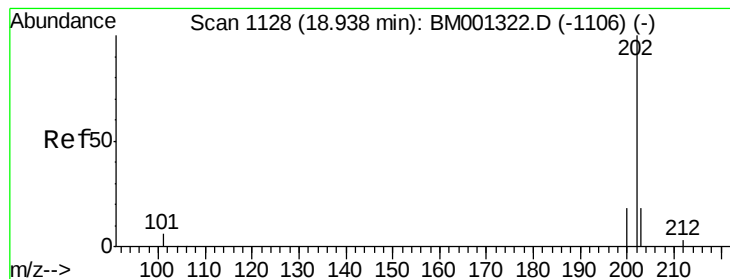


Abundance Ion 178.00 (177.70 to 178.70): E

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: 18.94 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

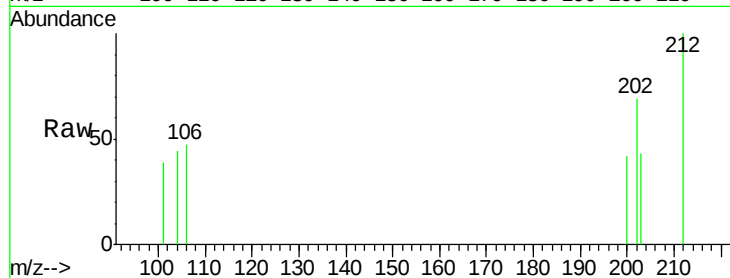
Tgt Ion:202 Resp: 84

Ion Ratio Lower Upper

202 100

101 55.9 0.0 28.1#

203 62.4 0.0 38.6#



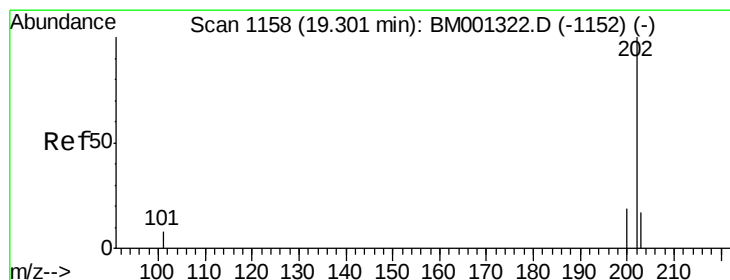
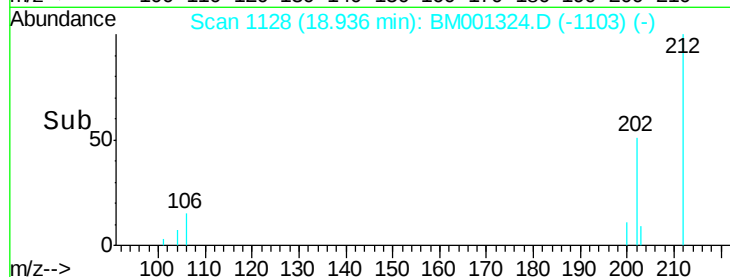
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

18.94

Time-->



#17

Pyrene

Concen: 0.01 ng/ul

RT: 19.30 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

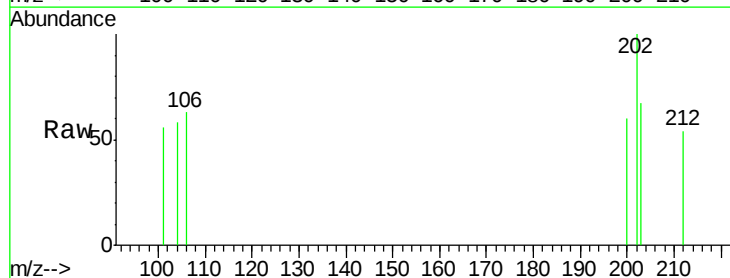
Tgt Ion:202 Resp: 96

Ion Ratio Lower Upper

202 100

200 60.4 16.8 25.2#

203 66.7 15.0 22.4#



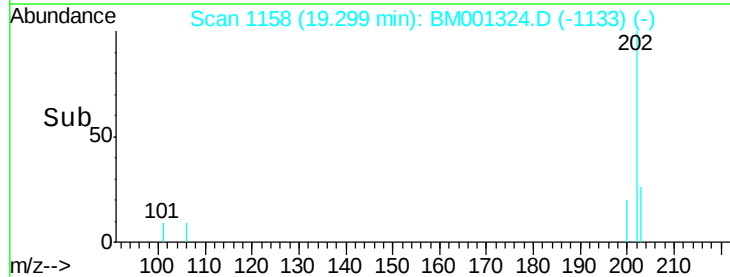
Abundance Ion 202.00 (201.70 to 202.70): E

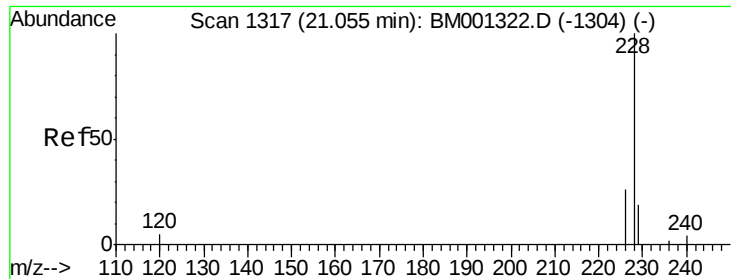
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.30

Time-->





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.06 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampled :

SBLK59

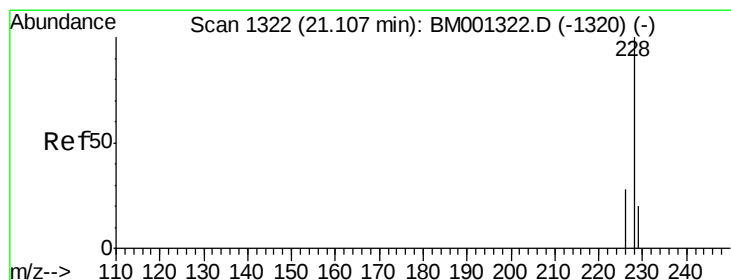
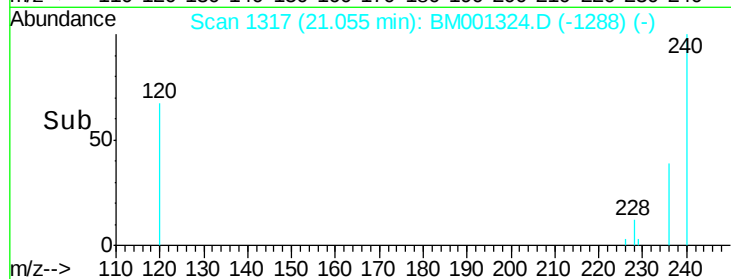
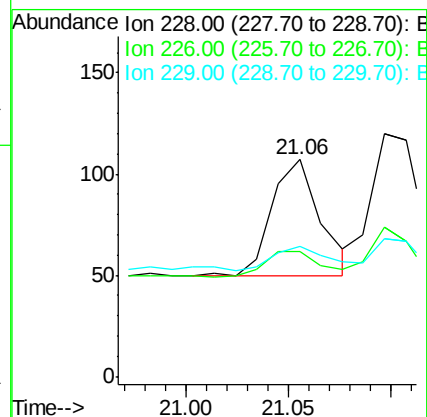
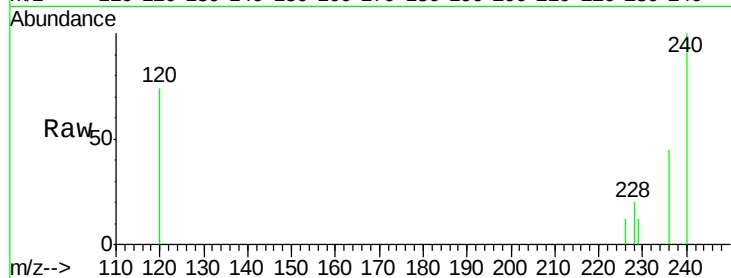
Tgt Ion:228 Resp: 94

Ion Ratio Lower Upper

228 100

226 57.9 20.6 31.0#

229 59.8 17.4 26.0#



#19

Chrysene

Concen: 0.01 ng/ul

RT: 21.10 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

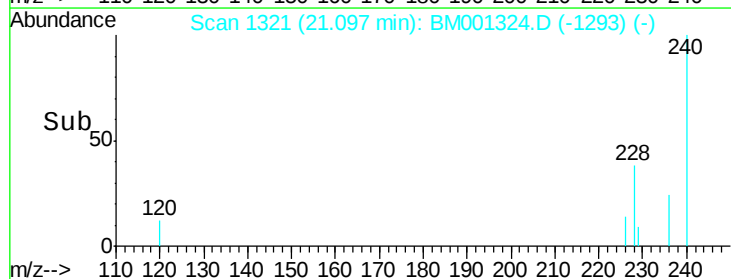
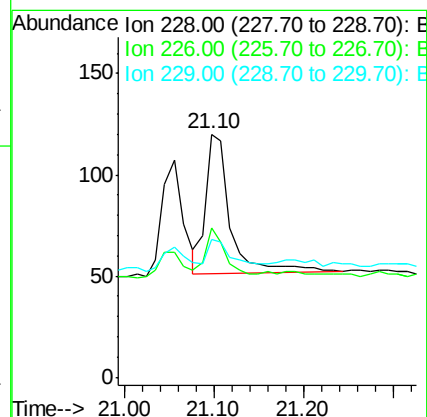
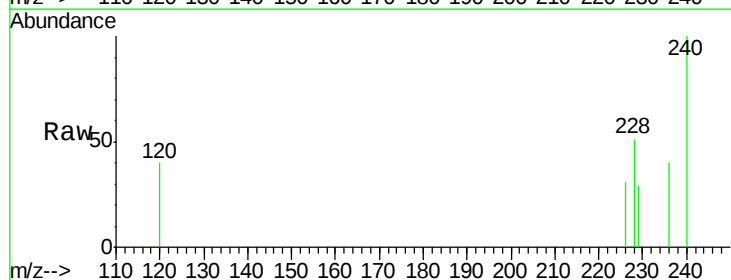
Tgt Ion:228 Resp: 136

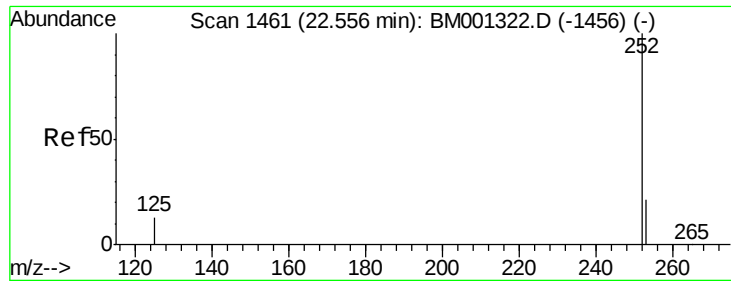
Ion Ratio Lower Upper

228 100

226 61.7 23.0 34.6#

229 56.7 17.4 26.0#





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.56 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

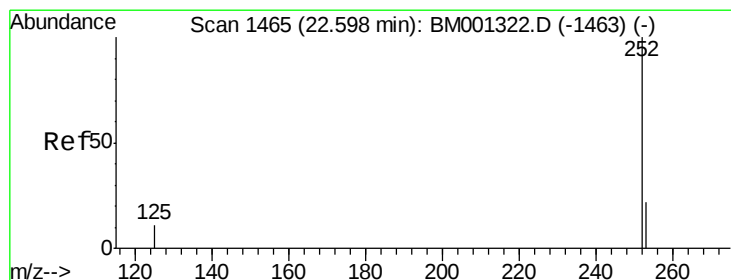
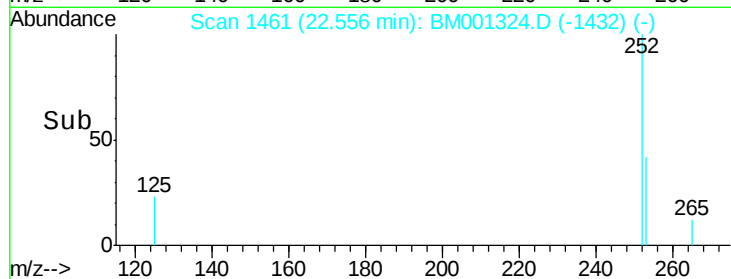
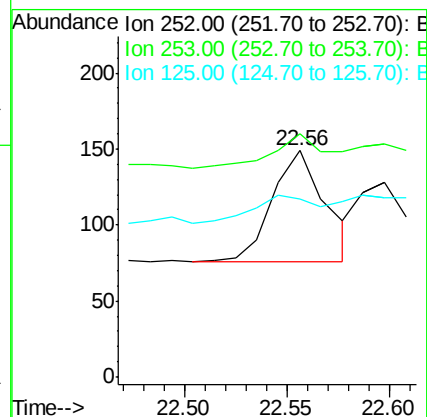
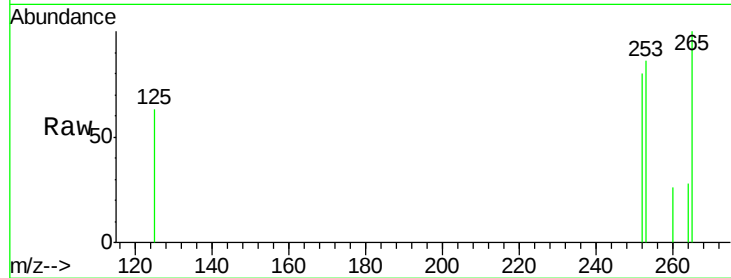
Tgt Ion:252 Resp: 131

Ion Ratio Lower Upper

252 100

253 107.4 0.0 51.0#

125 78.5 0.0 30.8#



#22

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.60 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

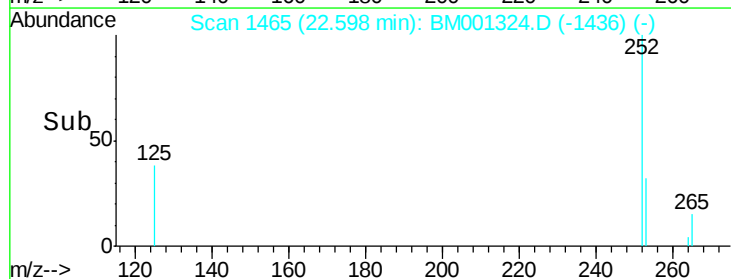
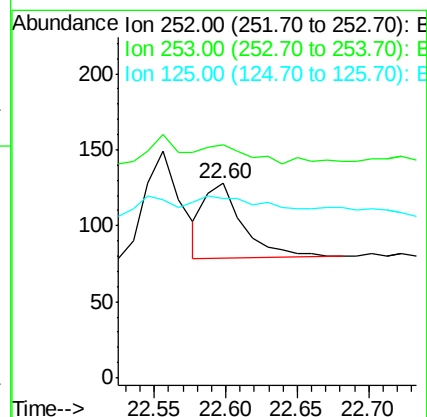
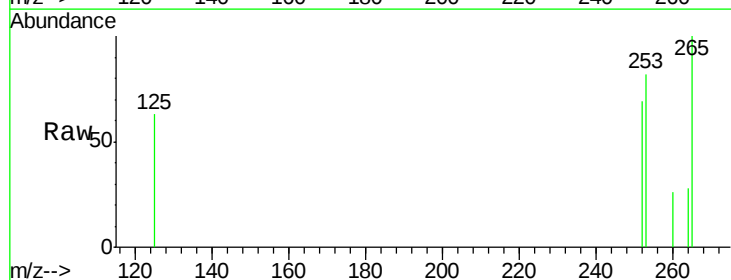
Tgt Ion:252 Resp: 94

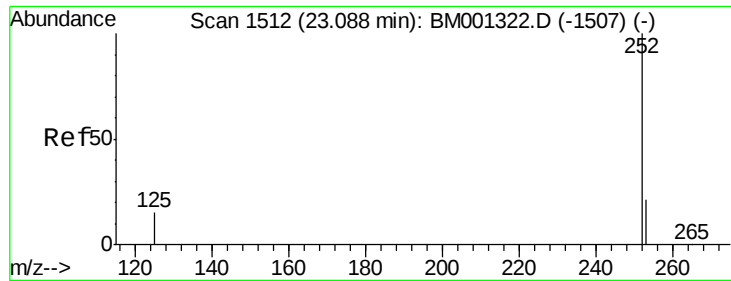
Ion Ratio Lower Upper

252 100

253 119.5 20.3 30.5#

125 92.2 11.8 17.8#





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.09 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

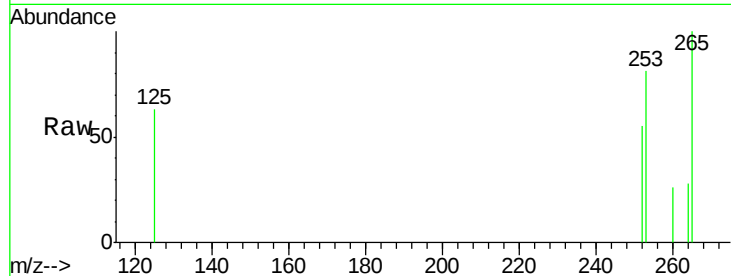
Tgt Ion:252 Resp: 70

Ion Ratio Lower Upper

252 100

253 145.7 21.7 32.5#

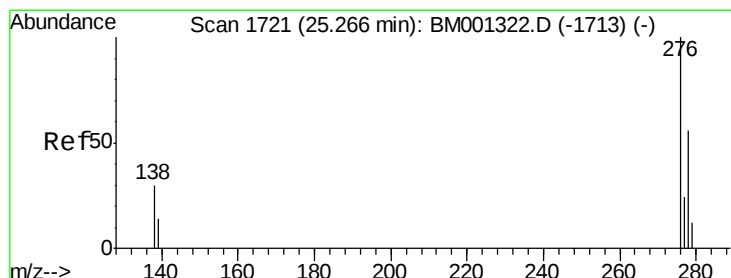
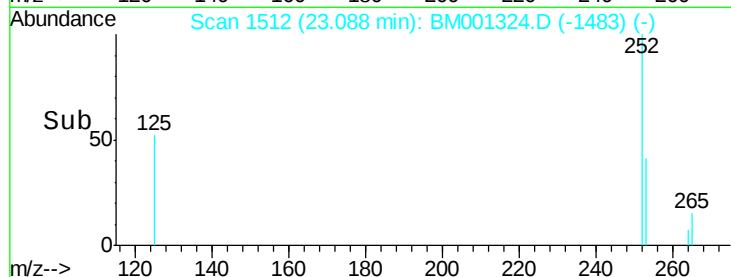
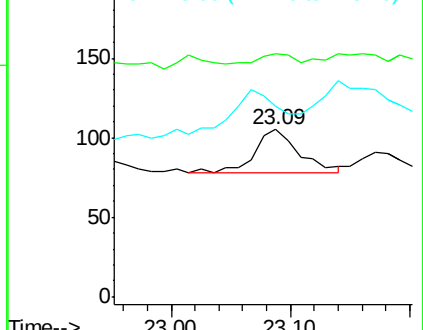
125 114.3 14.7 22.1#



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: 0.01 ng/ul

RT: 25.27 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

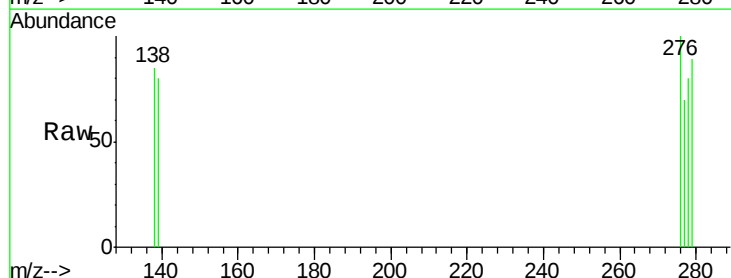
Tgt Ion:276 Resp: 143

Ion Ratio Lower Upper

276 100

138 35.7 24.2 36.4

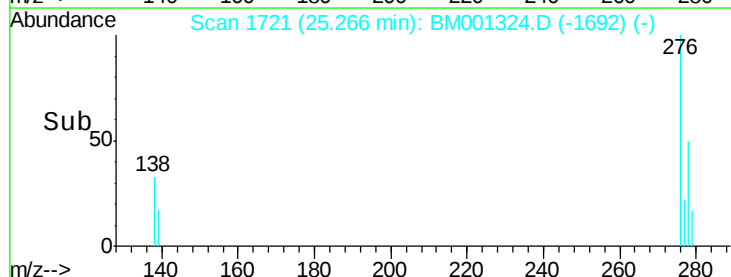
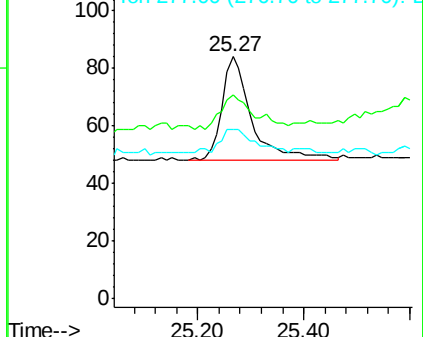
277 23.8 19.3 28.9

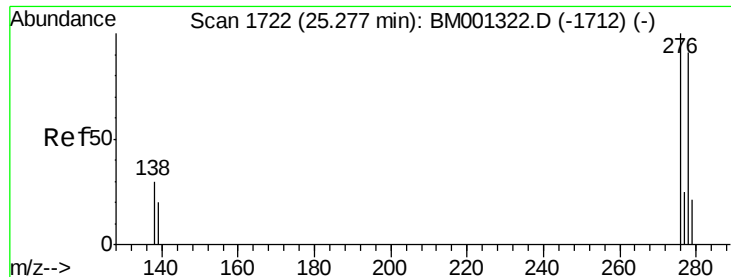


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.29 min Scan# 1723

Delta R.T. 0.01 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

Instrument :

BNA_M

ClientSampleId :

SBLK59

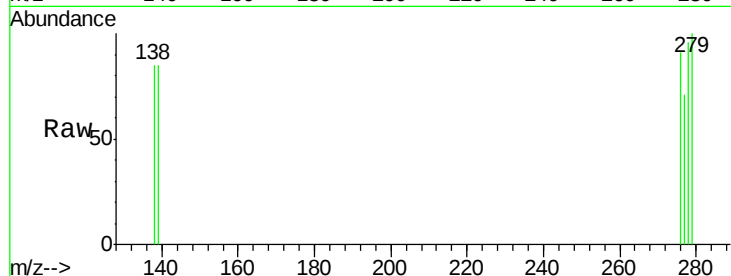
Tgt Ion: 278 Resp: 121

Ion Ratio Lower Upper

278 100

139 88.3 18.6 28.0#

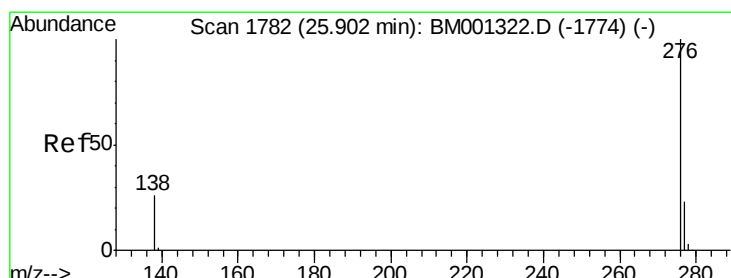
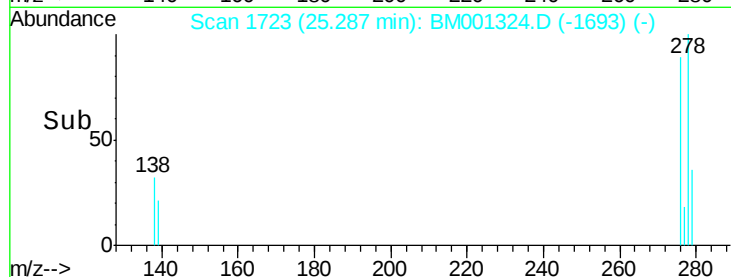
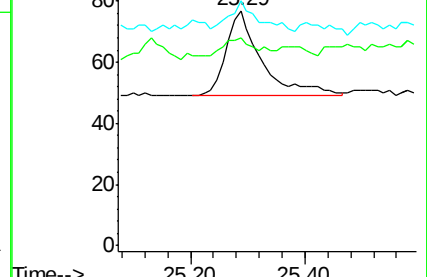
279 103.9 23.2 34.8#



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: 25.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM001324.D

Acq: 15 May 2015 11:58

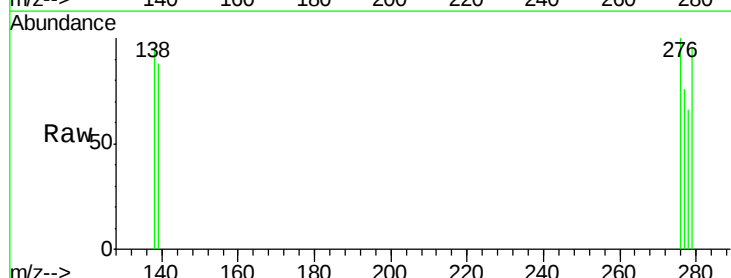
Tgt Ion: 276 Resp: 104

Ion Ratio Lower Upper

276 100

277 76.3 20.9 31.3#

138 96.1 23.3 34.9#



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

