

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021715\
 Data File : BM000538.D
 Acq On : 16 Feb 2015 21:10
 Operator : TP/IZ
 Sample : PB81660BL
 Misc : SBLK17
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

Quant Time: Feb 17 03:30:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3244	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	10883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	6890	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	1081672	0.40	ng/ul	0.11
16) Chrysene-d12	21.29	240	10429	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	862013	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	6235	0.45	ng/ul	0.00
14) Fluoranthene-d10	19.49	212	1045854	0.46	ng/ul	0.36

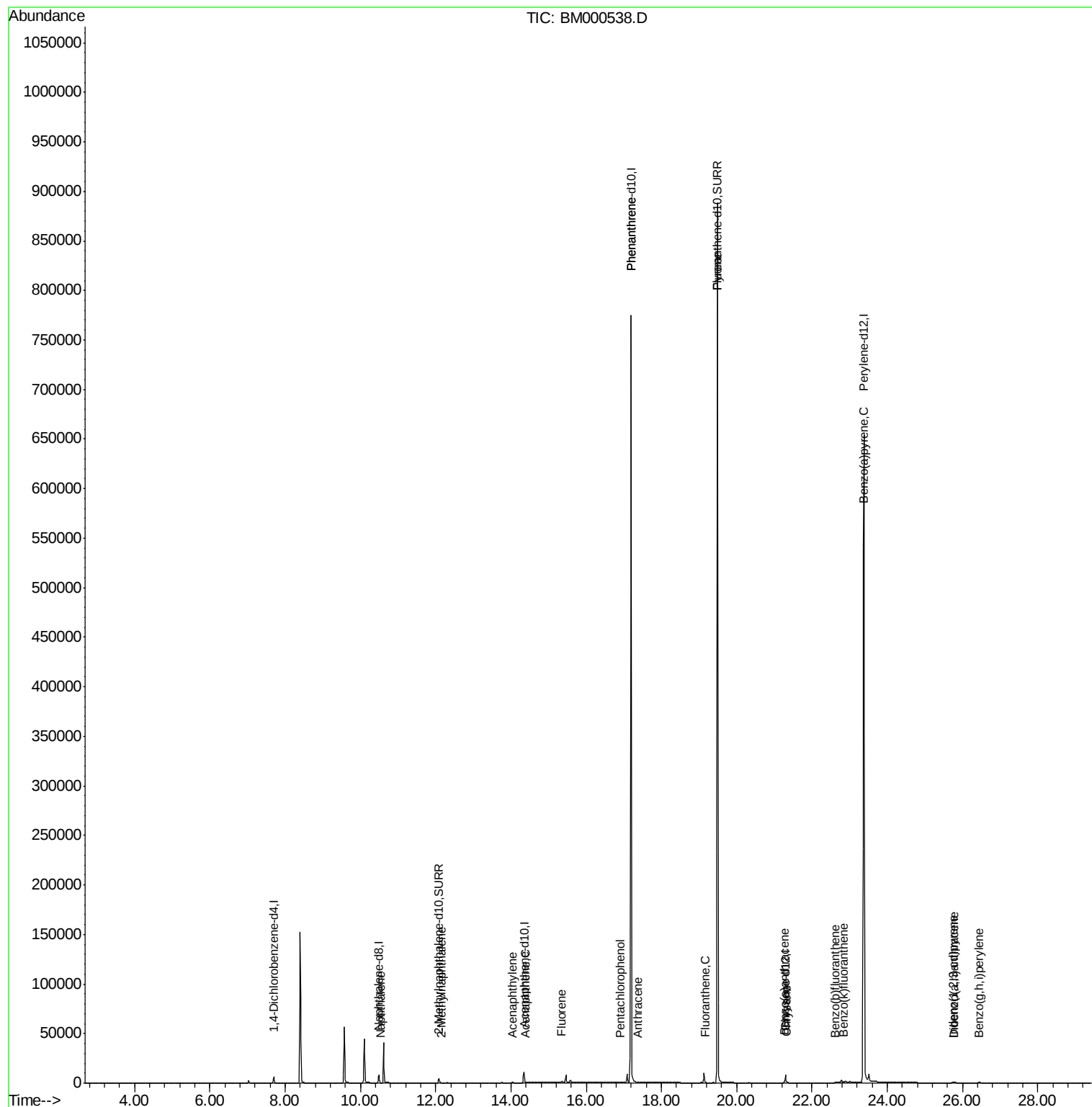
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	41	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.16	142	22	0.00	ng/ul	96
7) Acenaphthylene	14.04	152	96	0.00	ng/ul#	1
8) Acenaphthene	14.40	153	28	0.00	ng/ul#	72
9) Fluorene	15.34	166	2053	0.09	ng/ul#	17
11) Pentachlorophenol	16.90	266	13	0.00	ng/ul#	13
12) Phenanthrene	17.19	178	836	0.00	ng/ul#	1
13) Anthracene	17.38	178	33	0.00	ng/ul#	1
15) Fluoranthene	19.15	202	569	0.00	ng/ul	74
17) Pyrene	19.49	202	2471	0.07	ng/ul#	1
18) Benzo(a)anthracene	21.27	228	1124	0.04	ng/ul#	91
19) Chrysene	21.32	228	1391	0.04	ng/ul#	92
21) Benzo(b)fluoranthene	22.62	252	283	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	1332	0.00	ng/ul#	45
23) Benzo(a)pyrene	23.37	252	5053	0.00	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.75	276	1230	0.00	ng/ul	96
25) Dibenzo(a,h)anthracene	25.77	278	1011	0.00	ng/ul#	50
26) Benzo(g,h,i)perylene	26.44	276	1128	0.00	ng/ul#	73

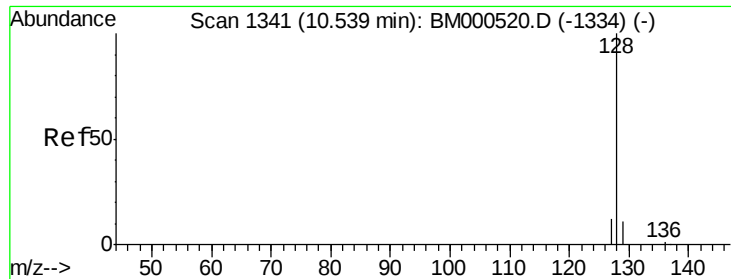
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 12 16:45:55 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

BNA_M

ClientSampleId :

SBLK17

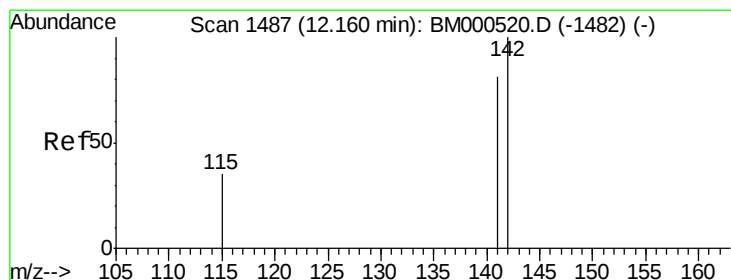
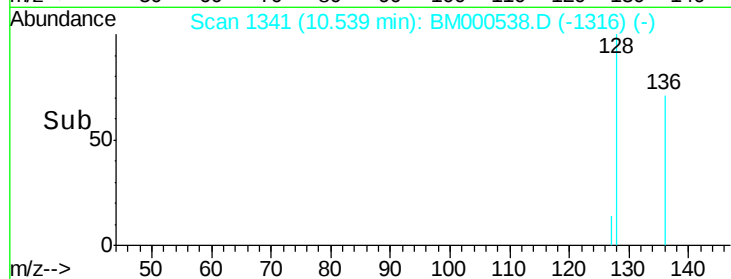
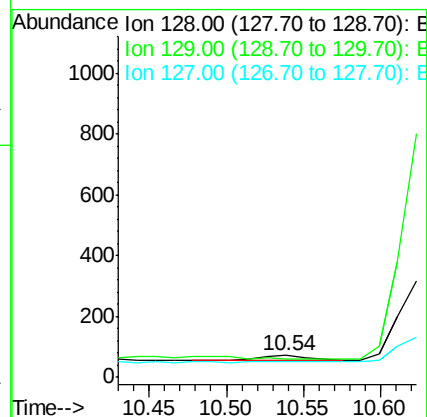
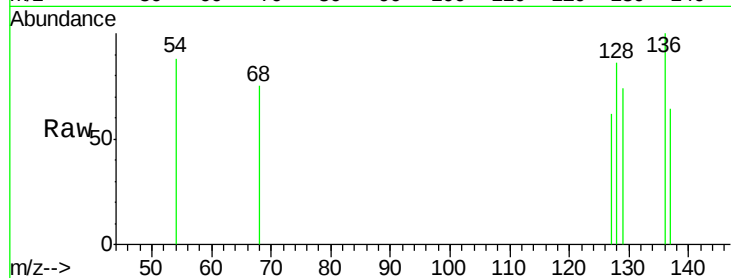
Tgt Ion:128 Resp: 41

Ion Ratio Lower Upper

128 100

129 86.1 9.5 14.3#

127 72.2 10.4 15.6#



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.16 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BM000538.D

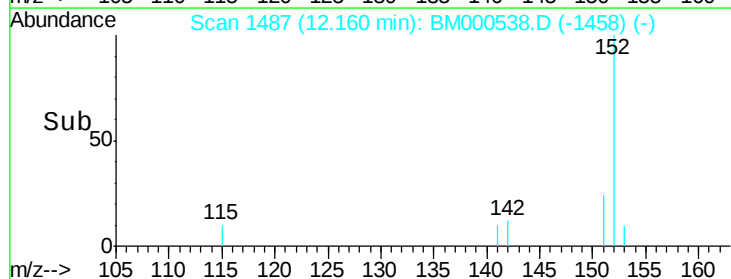
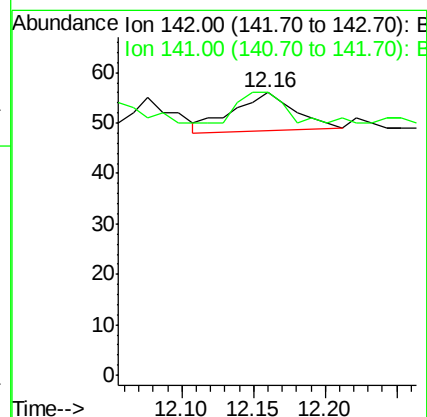
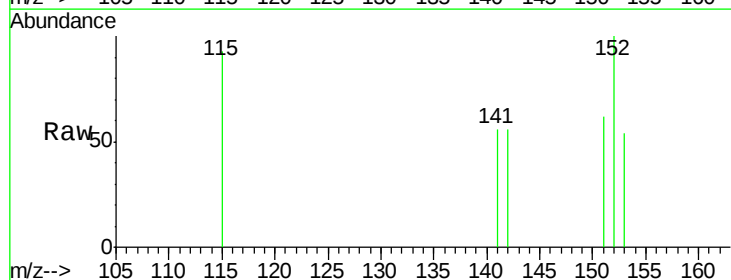
Acq: 16 Feb 2015 21:10

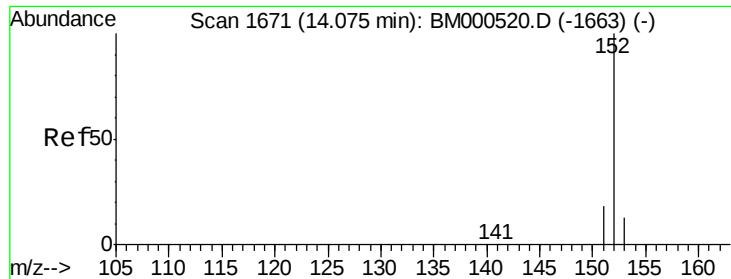
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

141 90.9 69.9 104.9





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

BNA_M

ClientSampleId :

SBLK17

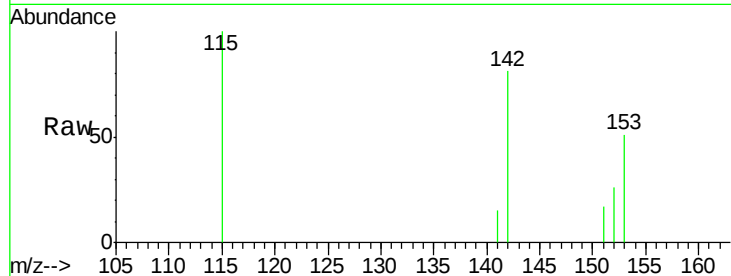
Tgt Ion:152 Resp: 96

Ion Ratio Lower Upper

152 100

151 65.3 15.0 22.6#

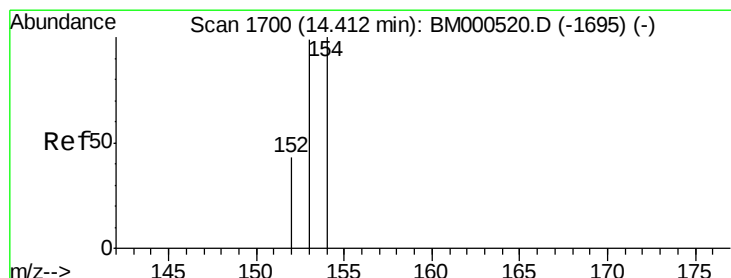
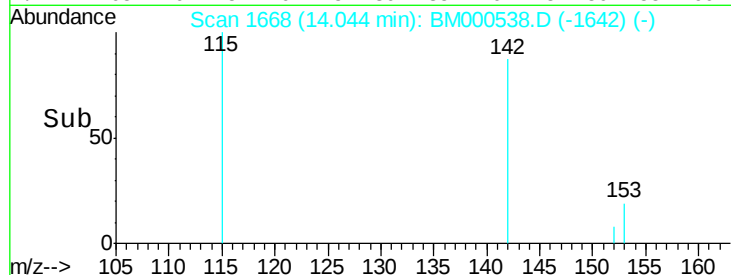
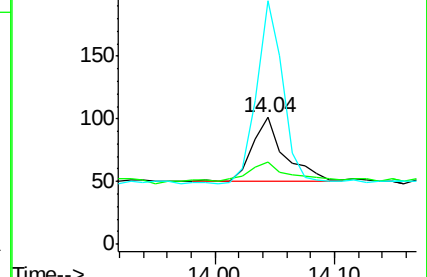
153 192.1 11.1 16.7#



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: 14.40 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

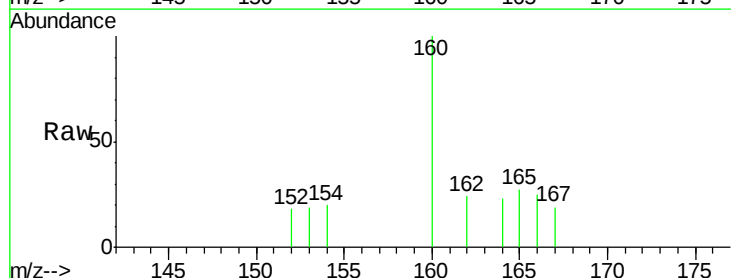
Tgt Ion:153 Resp: 28

Ion Ratio Lower Upper

153 100

152 94.6 35.1 52.7#

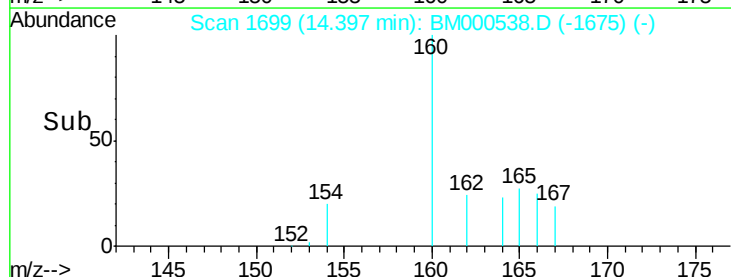
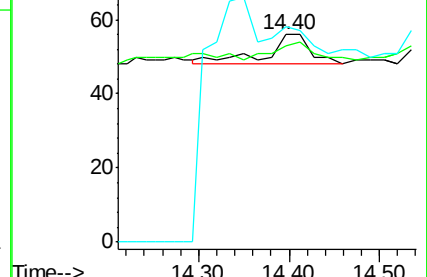
154 103.6 78.5 117.7

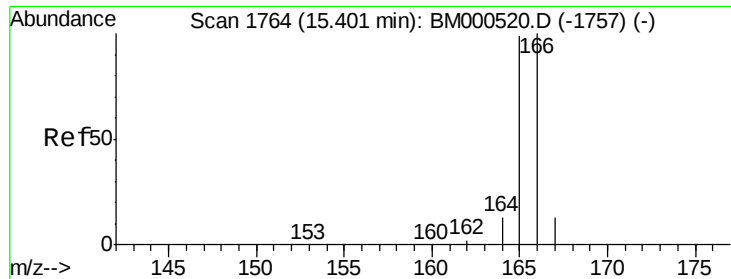


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

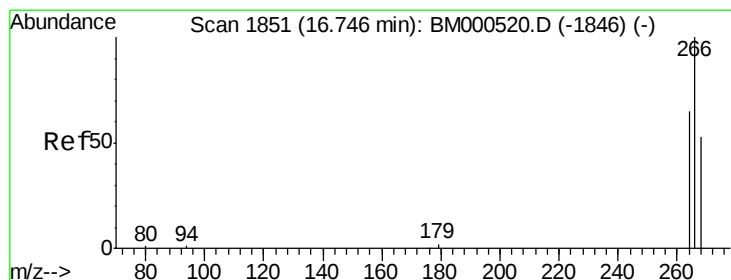
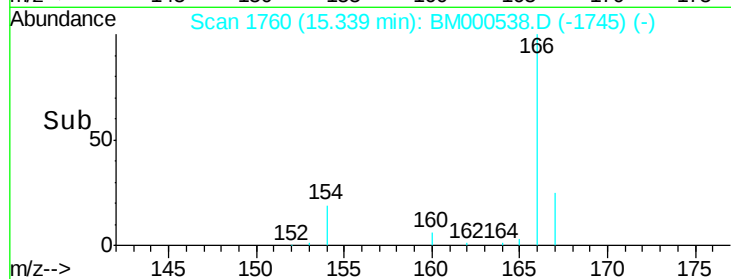
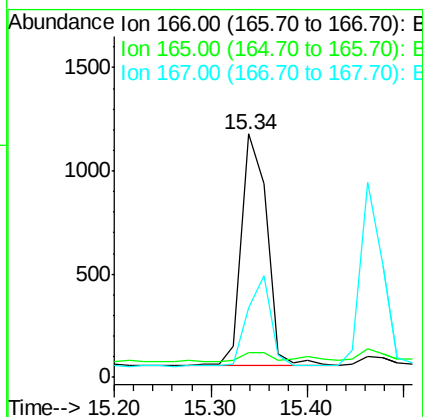
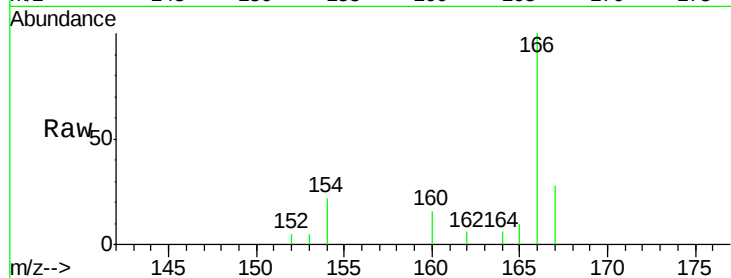




#9
 Fluorene
 Concen: 0.09 ng/ul
 RT: 15.34 min Scan# 1760
 Delta R.T. -0.06 min
 Lab File: BM000538.D
 Acq: 16 Feb 2015 21:10

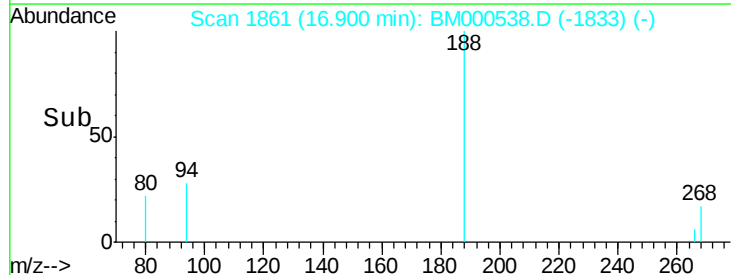
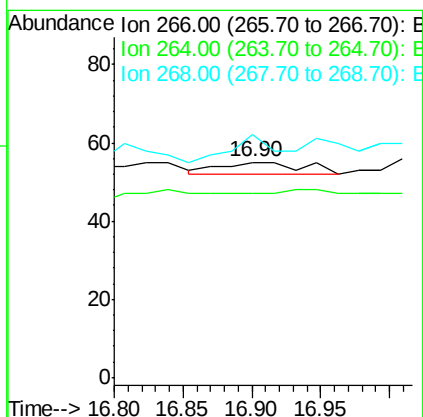
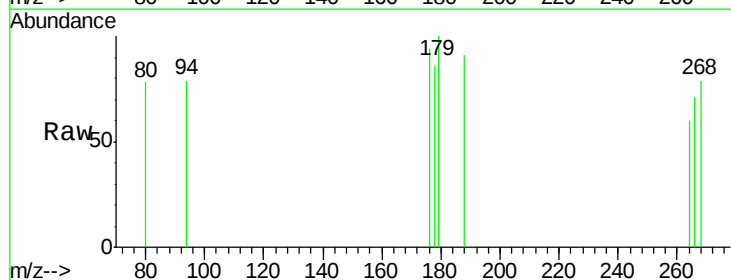
Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

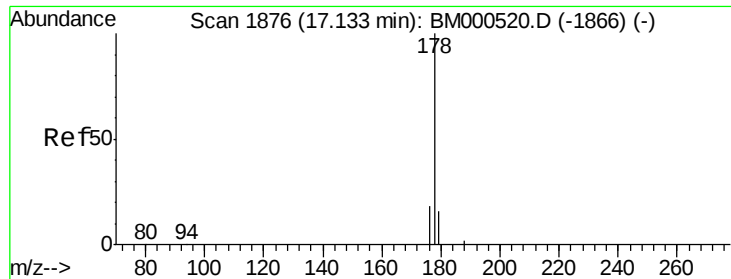
Tgt Ion:166 Resp: 2053
 Ion Ratio Lower Upper
 166 100
 165 10.0 80.0 120.0#
 167 28.4 11.4 17.2#



#11
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.90 min Scan# 1861
 Delta R.T. 0.14 min
 Lab File: BM000538.D
 Acq: 16 Feb 2015 21:10

Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 0.0 51.4 77.2#
 268 130.8 48.7 73.1#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1880

Delta R.T. 0.06 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

BNA_M

ClientSampleId :

SBLK17

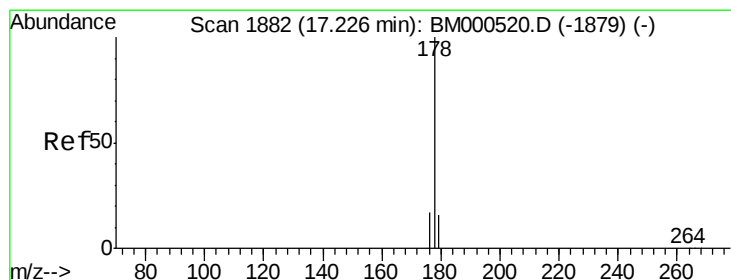
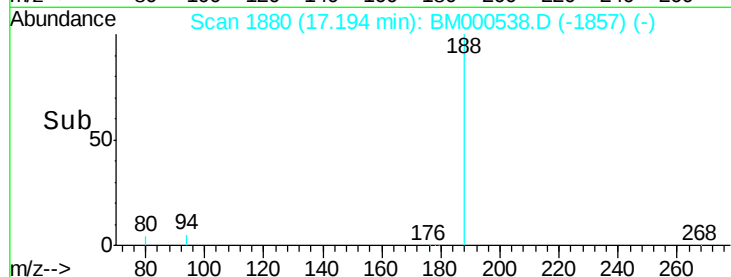
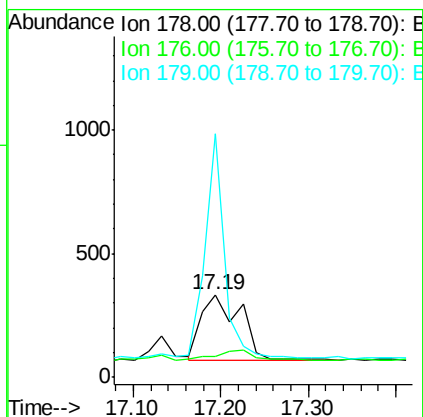
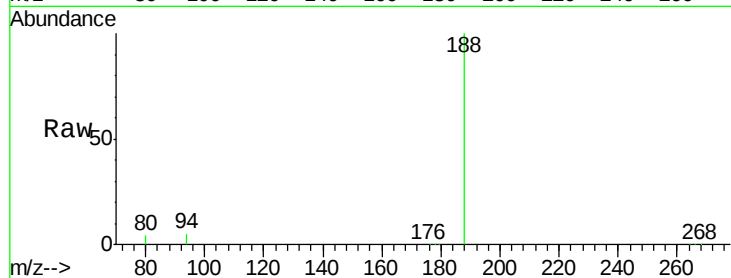
Tgt Ion:178 Resp: 836

Ion Ratio Lower Upper

178 100

176 24.6 15.5 23.3#

179 295.8 12.5 18.7#



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.38 min Scan# 1892

Delta R.T. 0.15 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

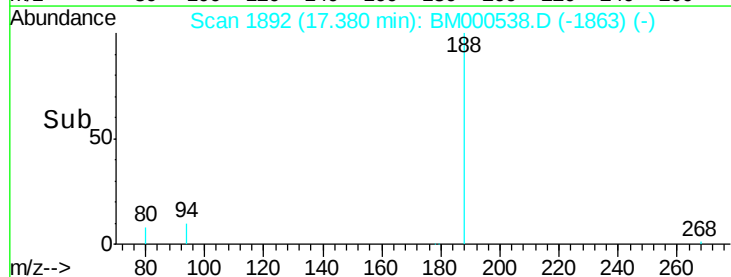
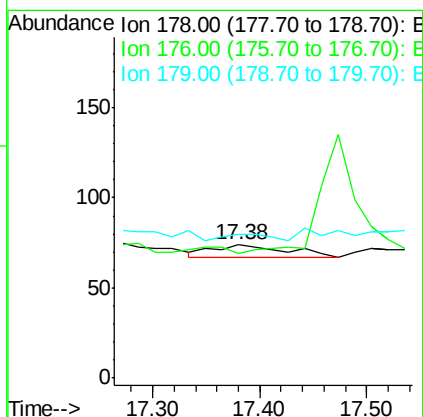
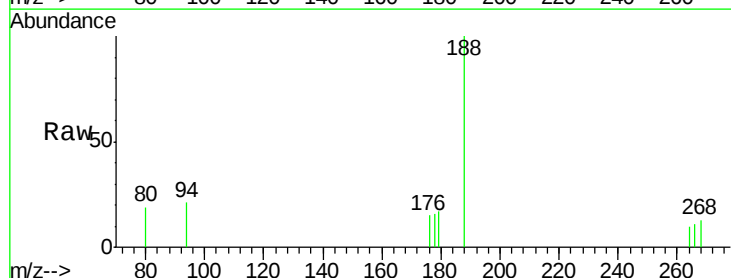
Tgt Ion:178 Resp: 33

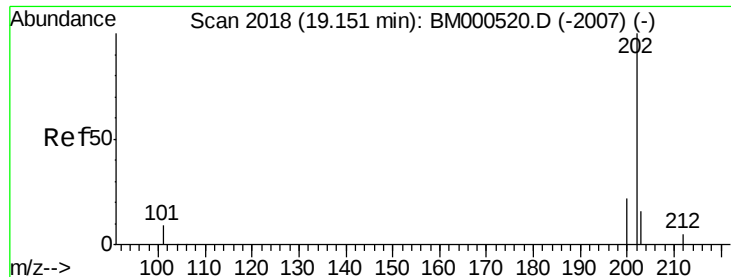
Ion Ratio Lower Upper

178 100

176 93.2 14.9 22.3#

179 108.1 12.8 19.2#





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

BNA_M

ClientSampleId :

SBLK17

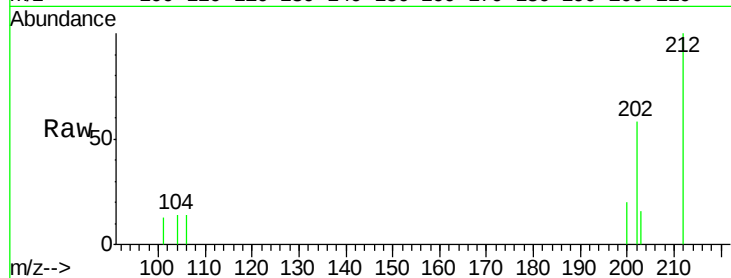
Tgt Ion:202 Resp: 569

Ion Ratio Lower Upper

202 100

101 21.7 0.0 24.8

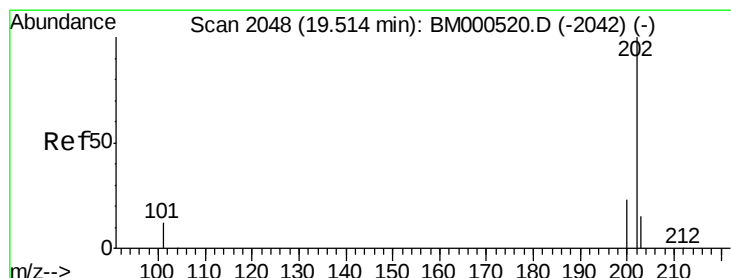
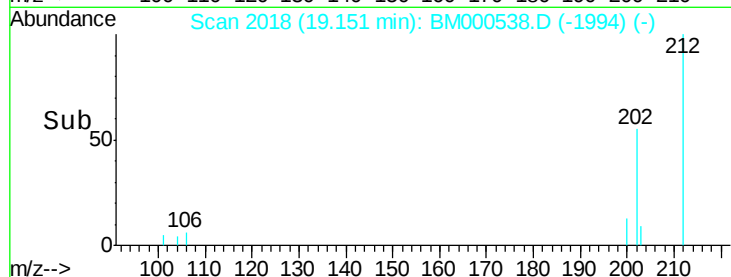
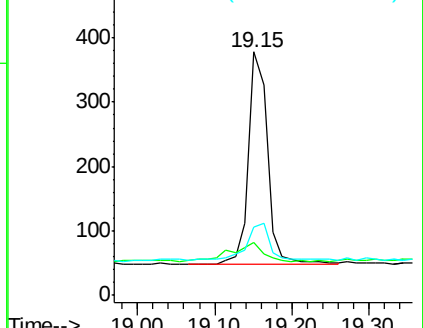
203 28.3 0.0 39.2



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: 0.07 ng/ul

RT: 19.49 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

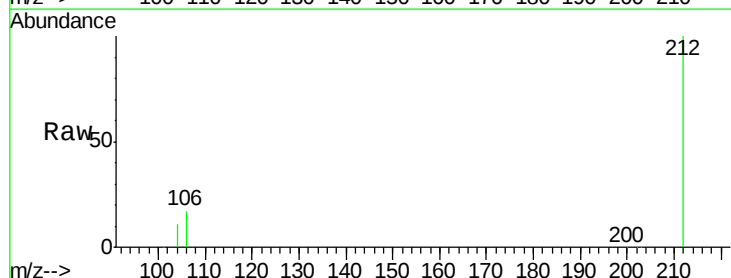
Tgt Ion:202 Resp: 2471

Ion Ratio Lower Upper

202 100

200 7.5 15.4 23.0#

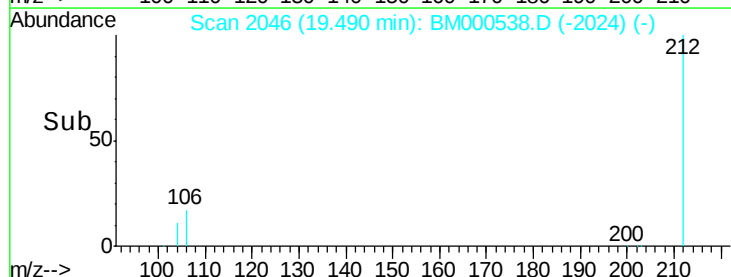
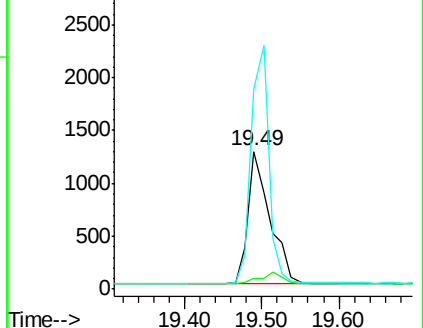
203 145.5 15.4 23.2#

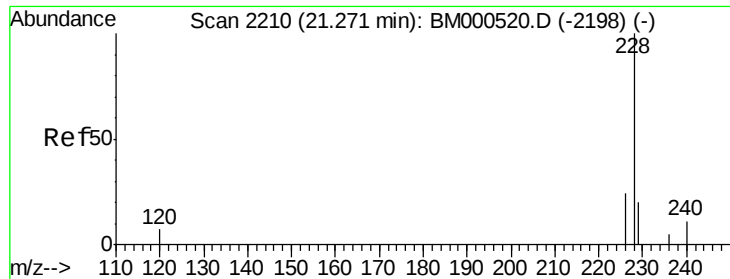


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

BNA_M

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SBLK17

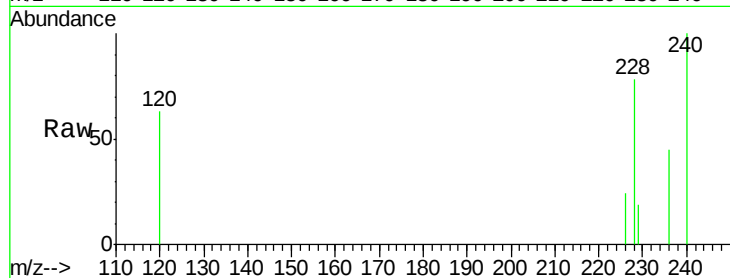
Tgt Ion:228 Resp: 1124

Ion Ratio Lower Upper

228 100

226 30.2 20.6 31.0

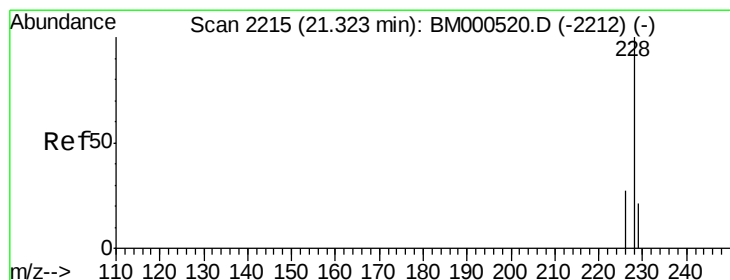
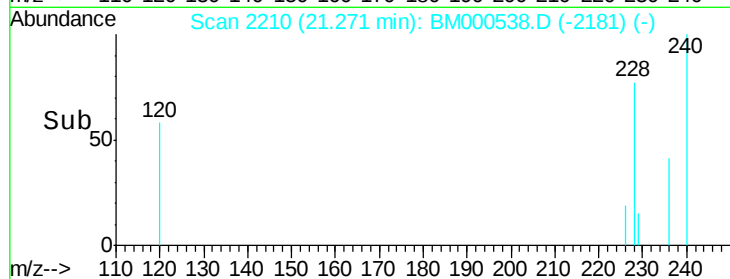
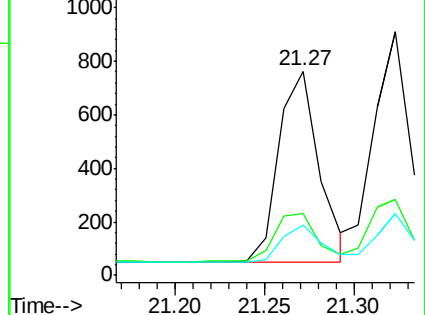
229 24.9 16.3 24.5#



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: 0.04 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

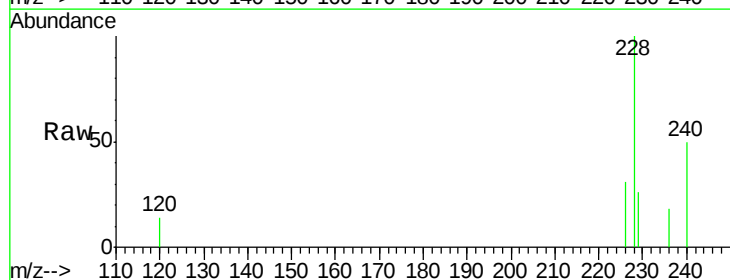
Tgt Ion:228 Resp: 1391

Ion Ratio Lower Upper

228 100

226 31.4 22.7 34.1

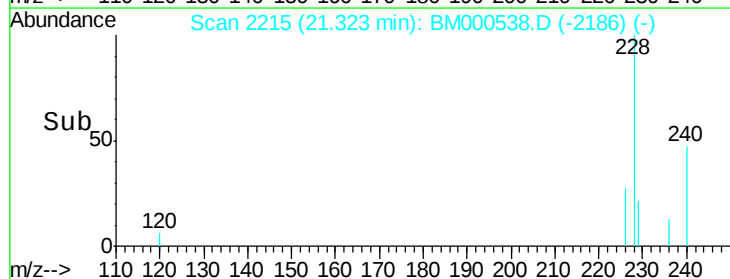
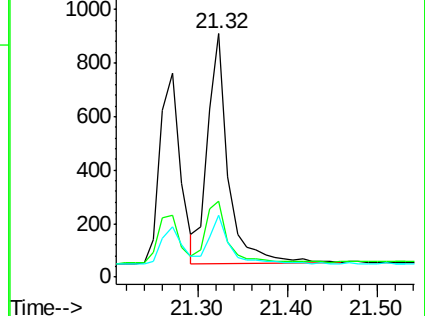
229 25.6 16.0 24.0#

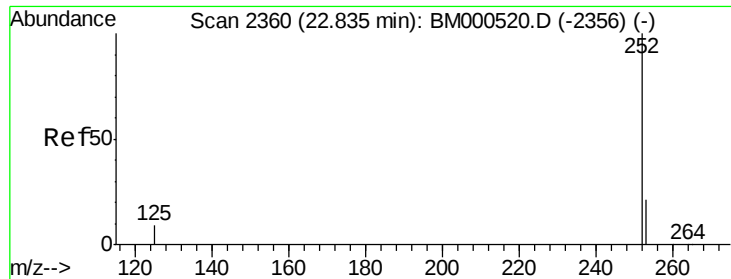


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.62 min Scan# 2339

Delta R.T. -0.23 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

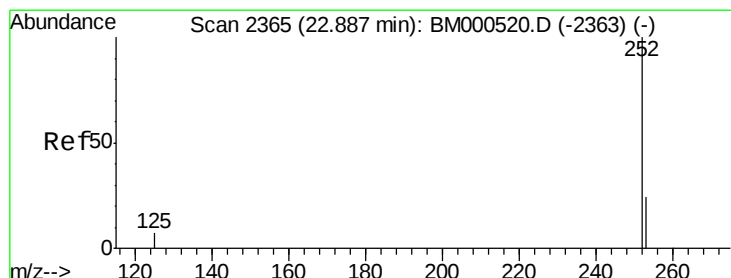
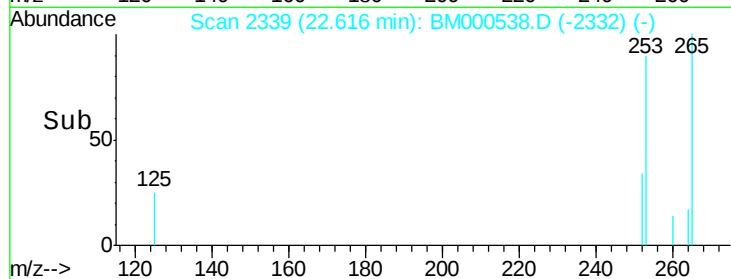
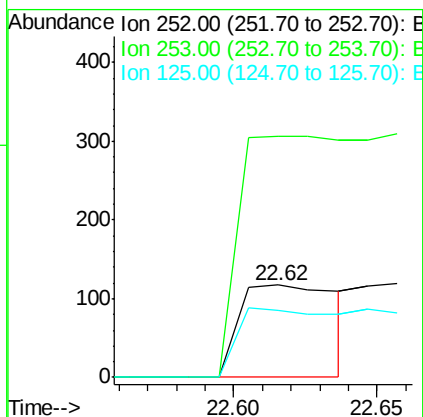
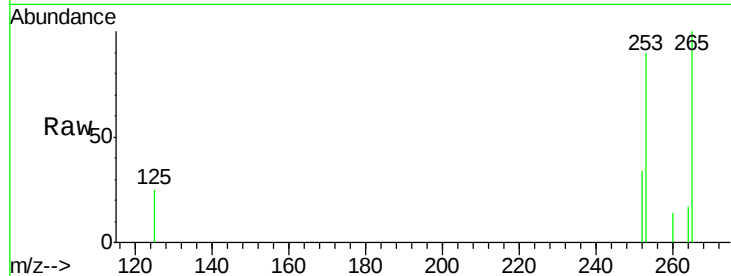
BNA_M

ClientSampleId :

SBLK17

Tgt Ion:252 Resp: 283

Ion	Ratio	Lower	Upper
252	100		
253	262.4	0.0	52.6#
125	72.6	0.0	17.6#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.84 min Scan# 2361

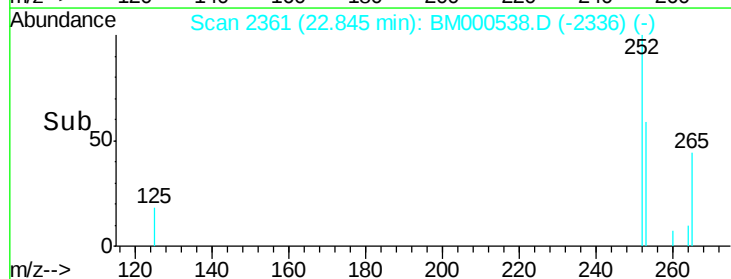
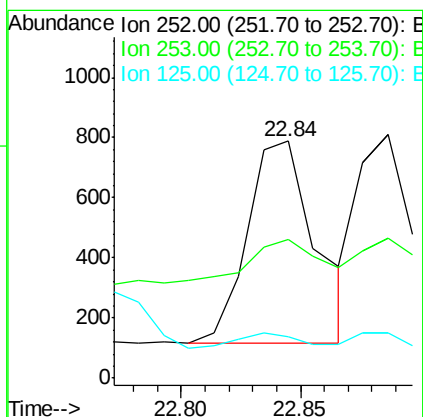
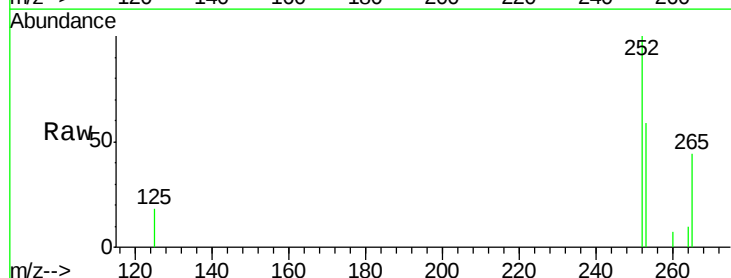
Delta R.T. -0.04 min

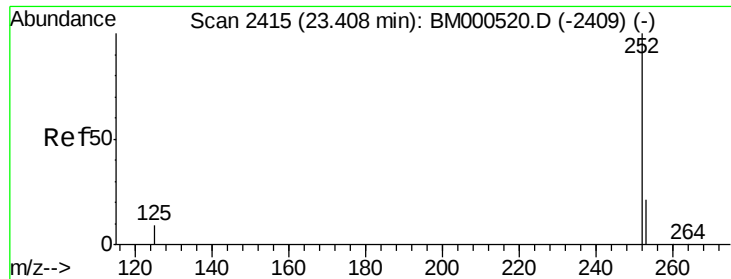
Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Tgt Ion:252 Resp: 1332

Ion	Ratio	Lower	Upper
252	100		
253	58.6	20.2	30.4#
125	17.7	7.4	11.0#





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.37 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

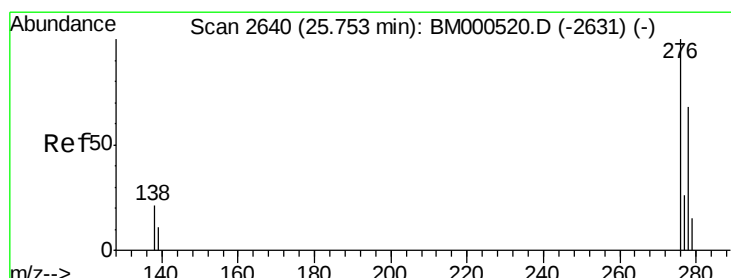
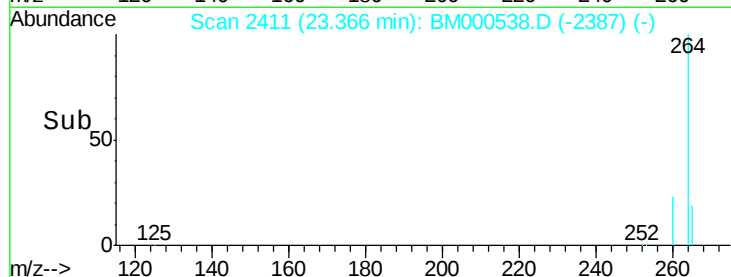
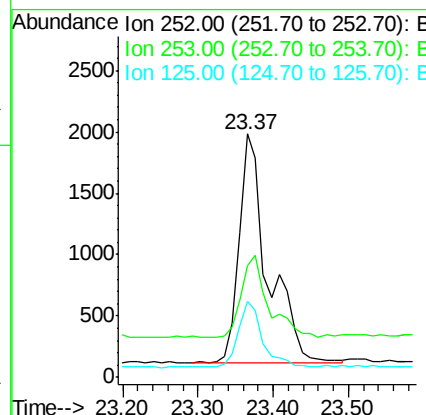
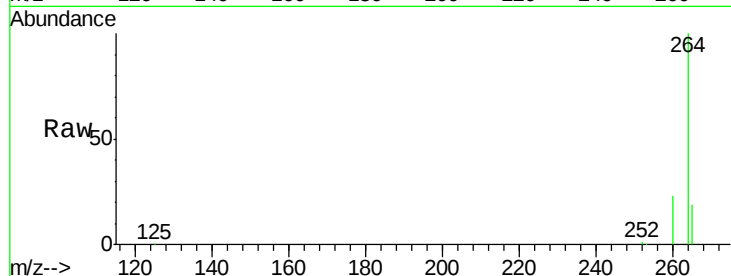
BNA_M

ClientSampleId :

SBLK17

Tgt Ion: 252 Resp: 5053

Ion	Ratio	Lower	Upper
252	100		
253	46.0	23.1	34.7#
125	31.3	8.0	12.0#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.75 min Scan# 2640

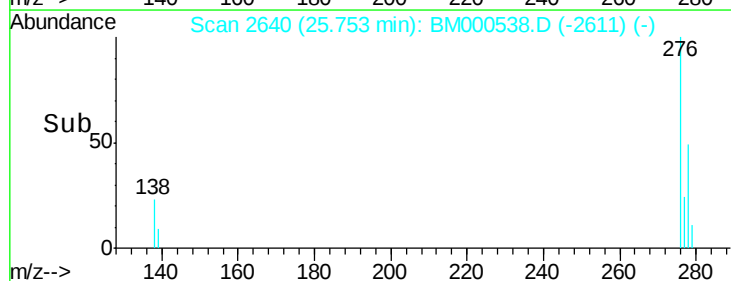
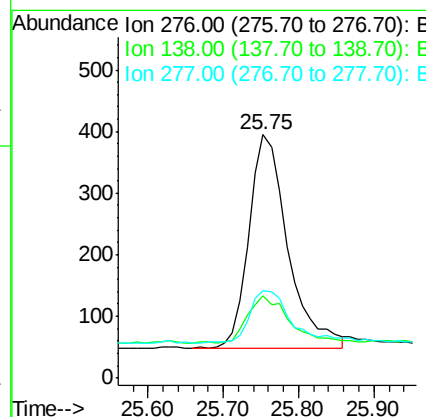
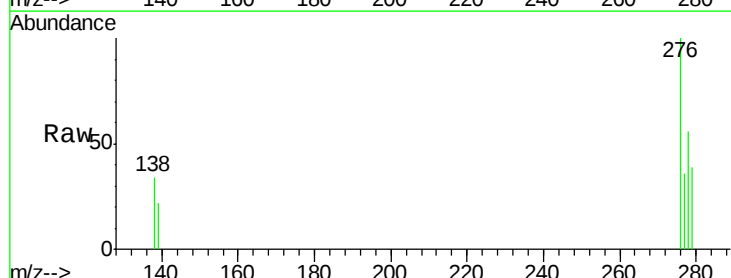
Delta R.T. -0.00 min

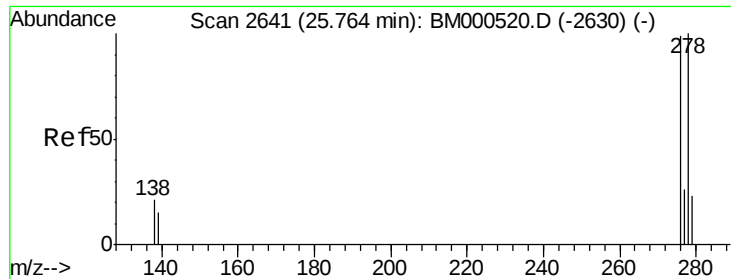
Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Tgt Ion: 276 Resp: 1230

Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.3	25.9
277	25.5	19.8	29.8





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.77 min Scan# 2642

Delta R.T. -0.00 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

Instrument :

BNA_M

ClientSampleId :

SBLK17

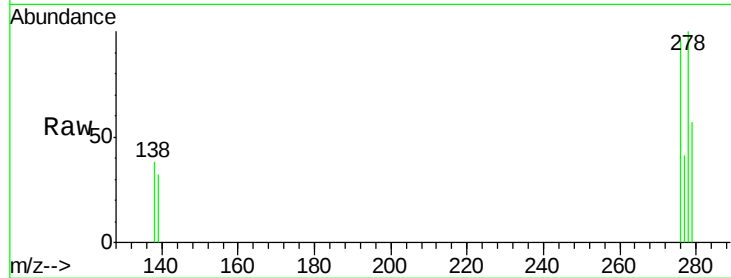
Tgt Ion:278 Resp: 1011

Ion Ratio Lower Upper

278 100

139 31.9 12.5 18.7#

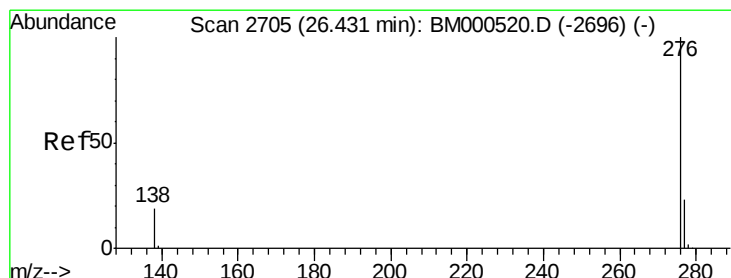
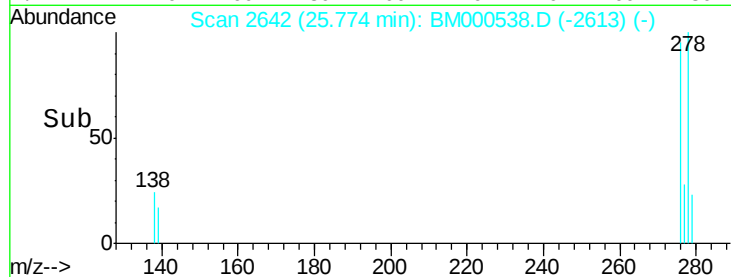
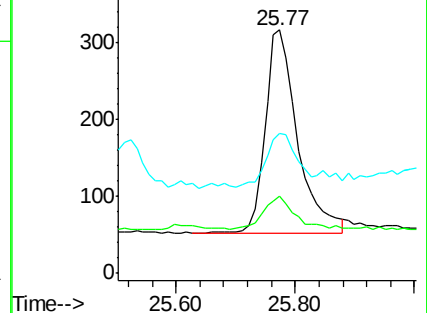
279 57.4 22.2 33.2#



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: 0.00 ng/ul

RT: 26.44 min Scan# 2706

Delta R.T. -0.00 min

Lab File: BM000538.D

Acq: 16 Feb 2015 21:10

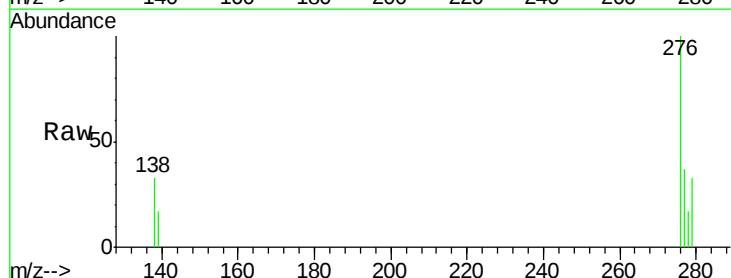
Tgt Ion:276 Resp: 1128

Ion Ratio Lower Upper

276 100

277 37.4 19.2 28.8#

138 32.7 16.0 24.0#



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

