

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041715\
 Data File : BM001037.D
 Acq On : 17 Apr 2015 18:24
 Operator : TP/IZ
 Sample : G1749-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1N62

Quant Time: Apr 18 00:27:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM041715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 15:43:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1553	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5451	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.24	164	2775	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	5997	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	5205	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	4678	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2180	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	4475	0.34	ng/ul	0.01

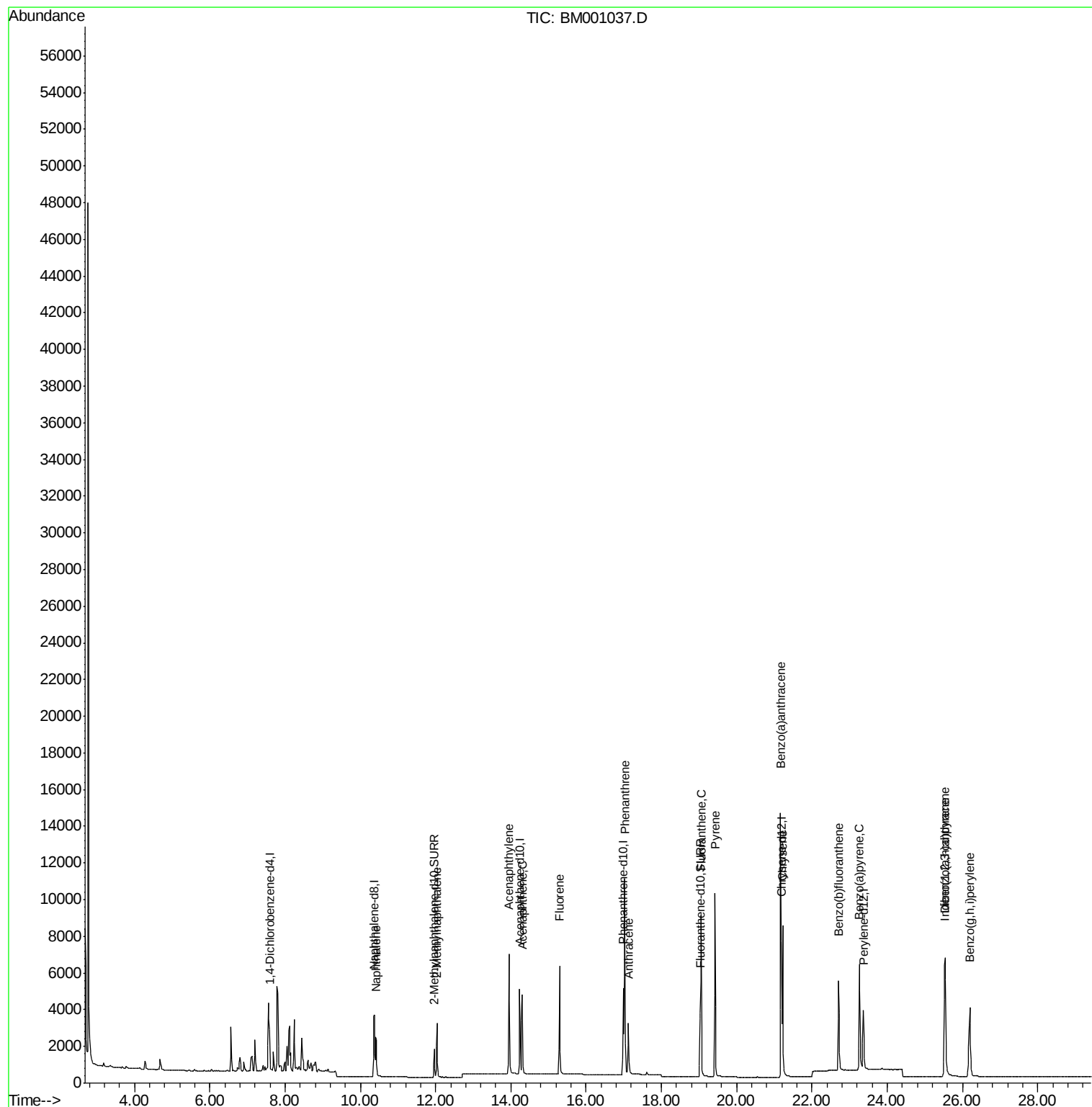
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	3401	0.24	ng/ul#	96
5) 2-Methylnaphthalene	12.03	142	2444	0.26	ng/ul	98
7) Acenaphthylene	13.94	152	9340	0.76	ng/ul	98
8) Acenaphthene	14.30	153	3142	0.33	ng/ul	96
9) Fluorene	15.30	166	4072	0.36	ng/ul	89
12) Phenanthrene	17.03	178	12541	0.72	ng/ul	94
13) Anthracene	17.12	178	3928	0.25	ng/ul	95
15) Fluoranthene	19.06	202	8328	0.43	ng/ul	91
17) Pyrene	19.42	202	9299	0.47	ng/ul	96
18) Benzo(a)anthracene	21.17	228	13114	0.80	ng/ul	95
19) Chrysene	21.22	228	8160	0.45	ng/ul	94
21) Benzo(b)fluoranthene	22.71	252	6141	0.36	ng/ul	99
23) Benzo(a)pyrene	23.26	252	8768	0.54	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.53	276	7536	0.42	ng/ul	99
25) Dibenzo(a,h)anthracene	25.54	278	6444	0.44	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	7924	0.50	ng/ul	96

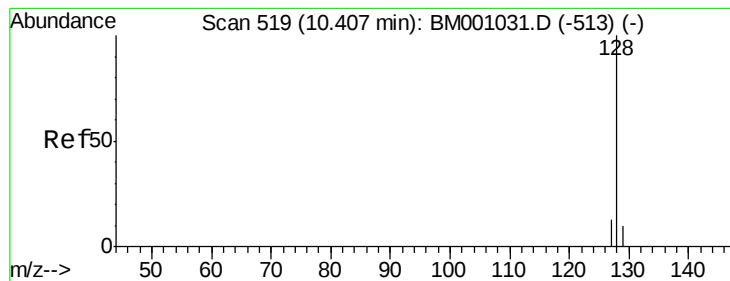
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.41 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

Instrument :

BNA_M

ClientSampleId :

X1N62

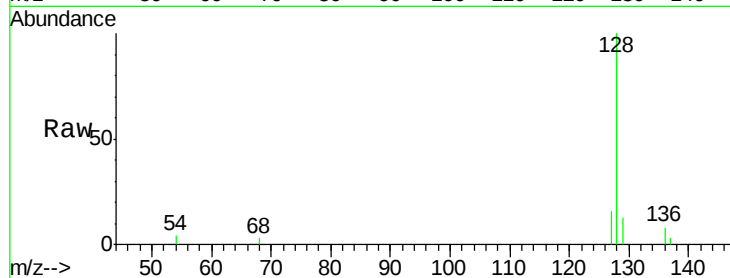
Tgt Ion:128 Resp: 3401

Ion Ratio Lower Upper

128 100

129 13.0 10.3 15.5

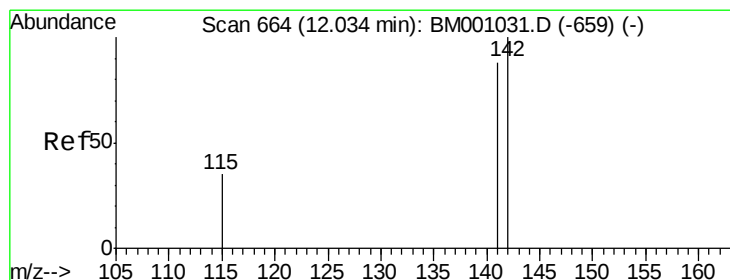
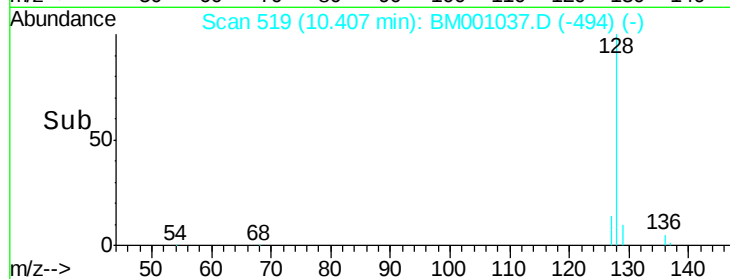
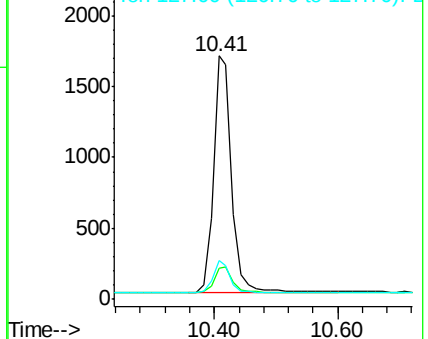
127 16.1 10.7 16.1#



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: 0.26 ng/ul

RT: 12.03 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM001037.D

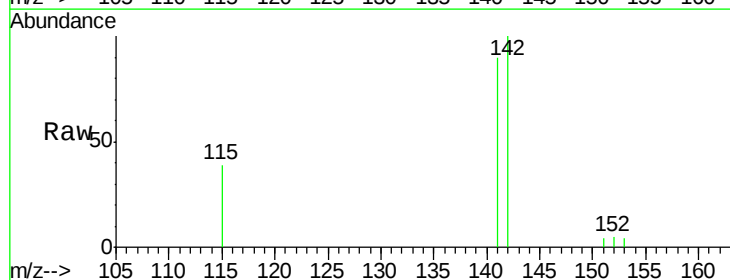
Acq: 17 Apr 2015 18:24

Tgt Ion:142 Resp: 2444

Ion Ratio Lower Upper

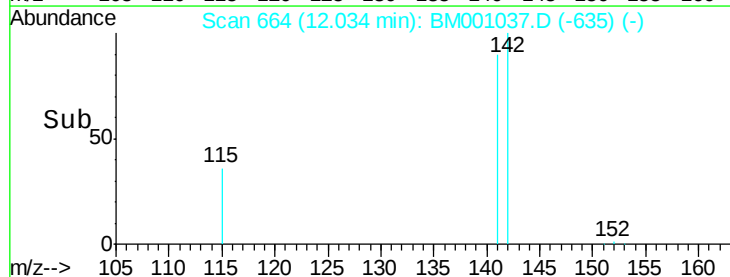
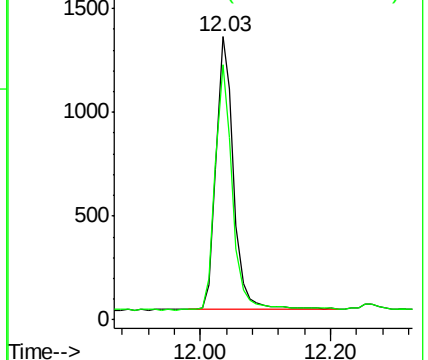
142 100

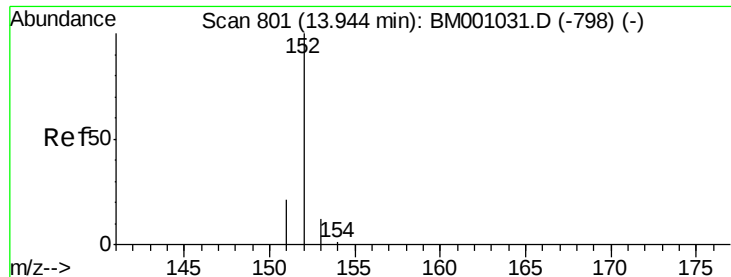
141 88.7 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.76 ng/ul

RT: 13.94 min Scan# 801

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

Instrument :

BNA_M

ClientSampleId :

X1N62

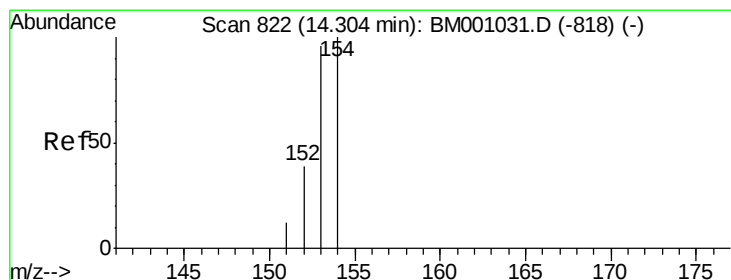
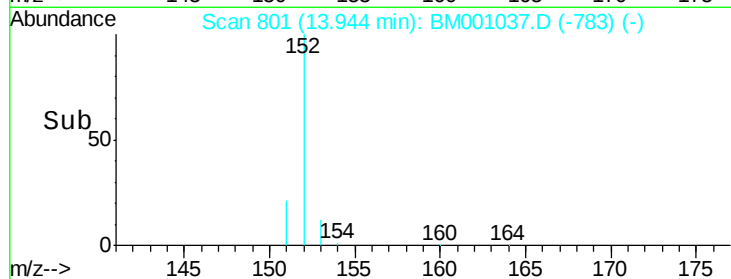
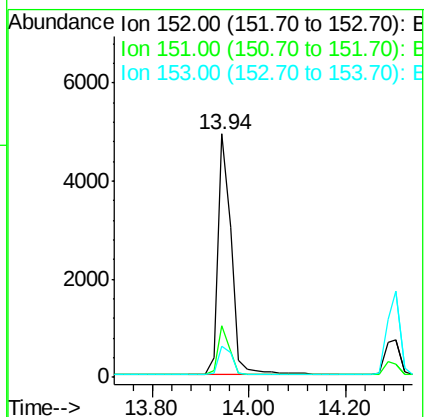
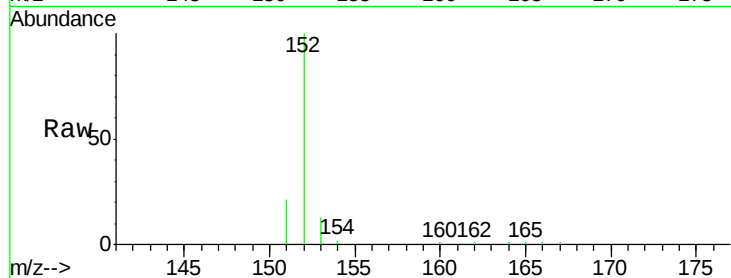
Tgt Ion:152 Resp: 9340

Ion Ratio Lower Upper

152 100

151 21.4 17.8 26.8

153 12.7 11.0 16.6



#8

Acenaphthene

Concen: 0.33 ng/ul

RT: 14.30 min Scan# 822

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

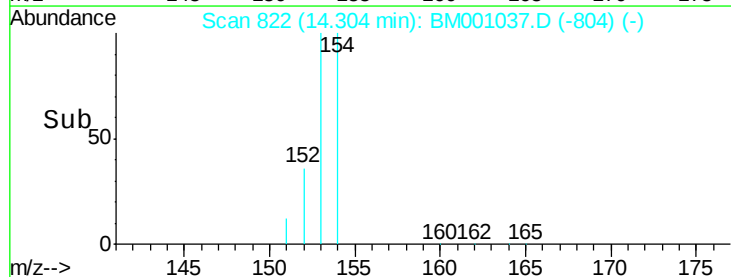
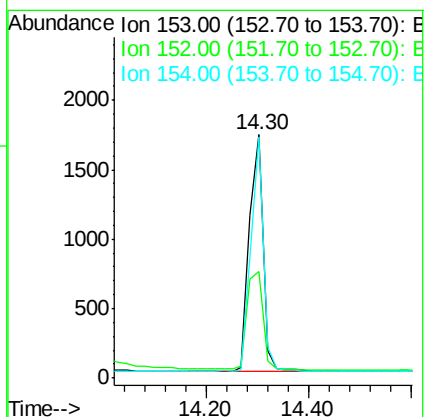
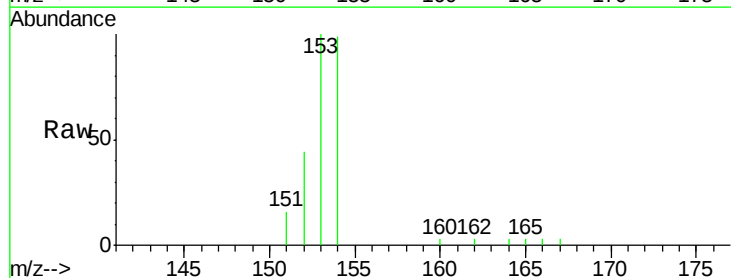
Tgt Ion:153 Resp: 3142

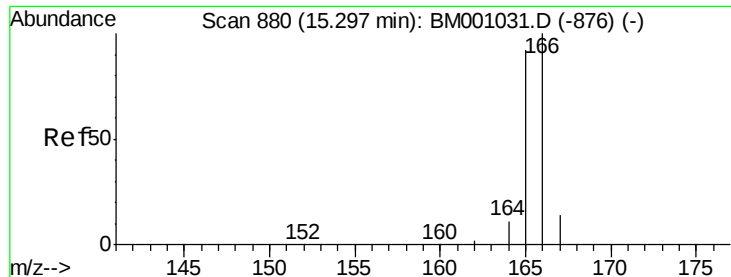
Ion Ratio Lower Upper

153 100

152 44.0 37.6 56.4

154 99.0 75.9 113.9

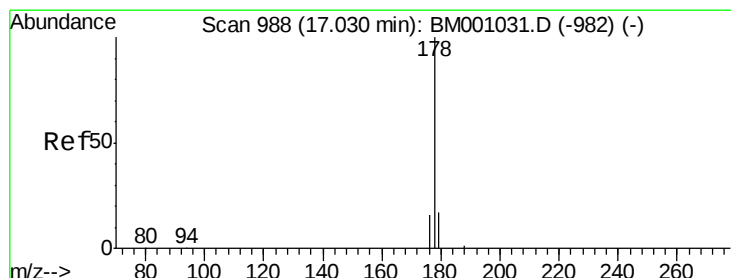
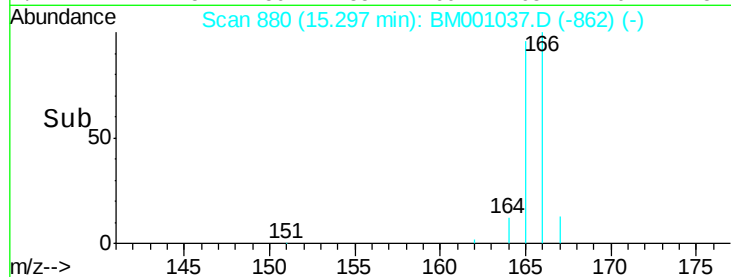
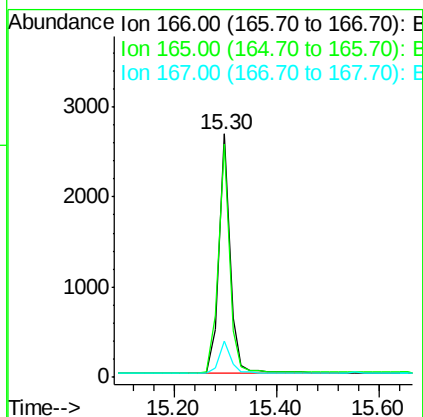
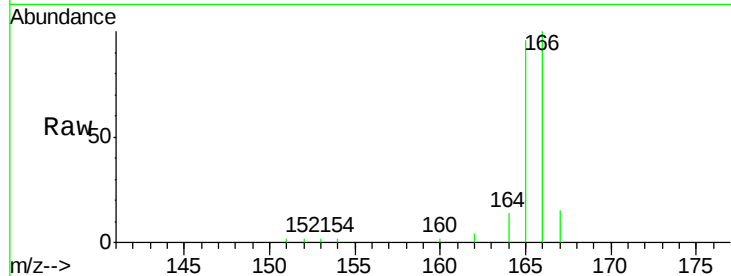




#9
Fluorene
 Concen: 0.36 ng/ul
 RT: 15.30 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BM001037.D
 Acq: 17 Apr 2015 18:24

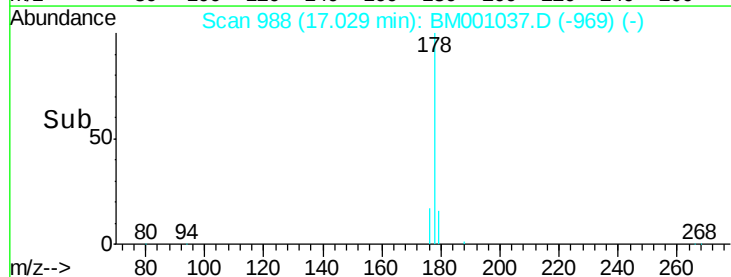
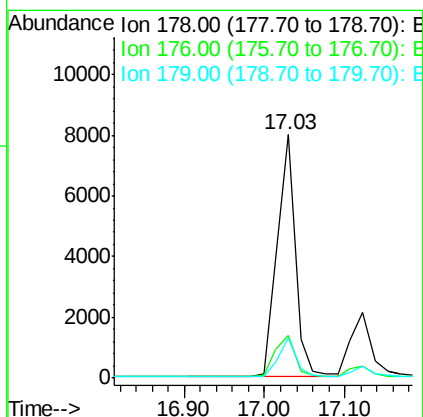
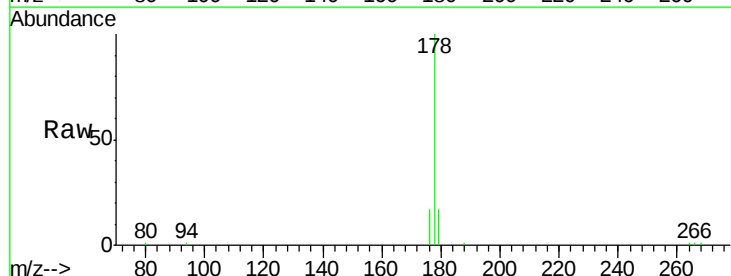
Instrument :
 BNA_M
 ClientSampleId :
 X1N62

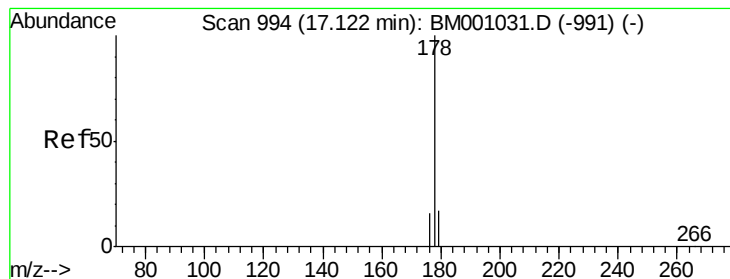
Tgt Ion:166 Resp: 4072
 Ion Ratio Lower Upper
 166 100
 165 96.0 86.8 130.2
 167 14.7 11.1 16.7



#12
Phenanthrene
 Concen: 0.72 ng/ul
 RT: 17.03 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BM001037.D
 Acq: 17 Apr 2015 18:24

Tgt Ion:178 Resp: 12541
 Ion Ratio Lower Upper
 178 100
 176 17.5 17.1 25.7
 179 16.6 12.5 18.7





#13

Anthracene

Concen: 0.25 ng/ul

RT: 17.12 min Scan# 994

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

Instrument :

BNA_M

ClientSampleId :

X1N62

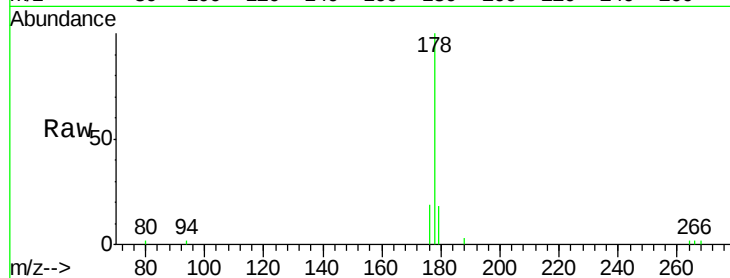
Tgt Ion:178 Resp: 3928

Ion Ratio Lower Upper

178 100

176 18.8 16.6 24.8

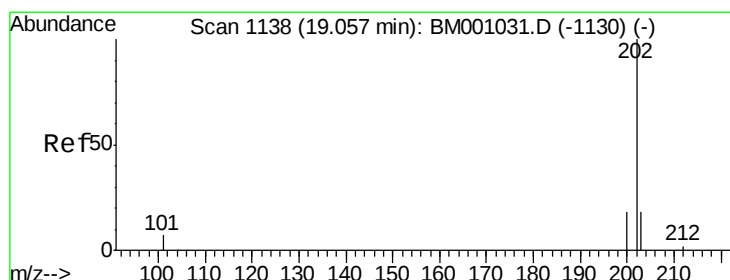
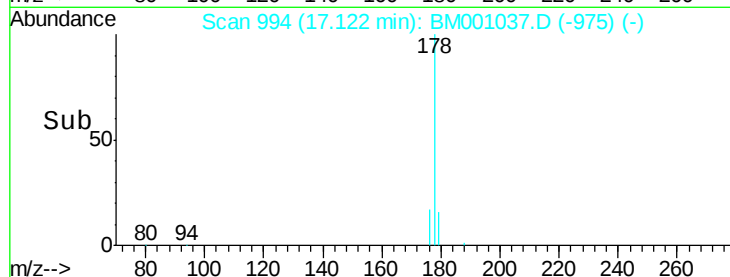
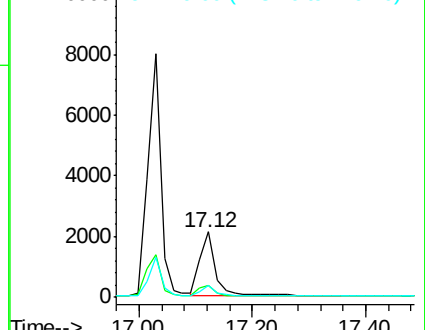
179 18.3 12.6 19.0



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: 0.43 ng/ul

RT: 19.06 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

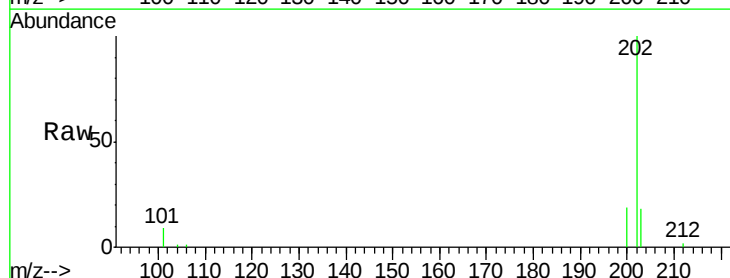
Tgt Ion:202 Resp: 8328

Ion Ratio Lower Upper

202 100

101 9.1 0.0 35.3

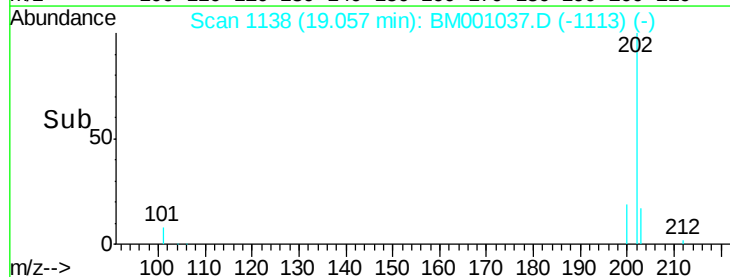
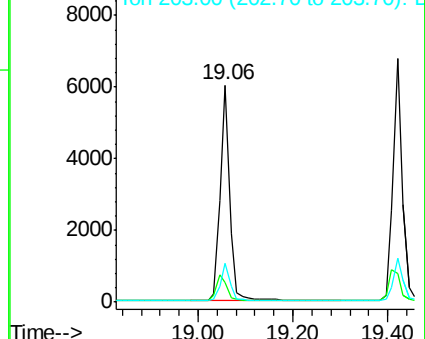
203 18.0 0.0 36.6

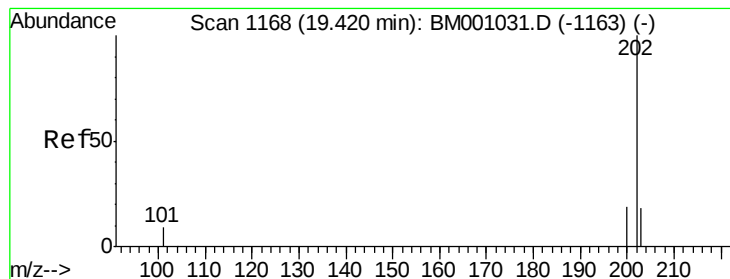


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.47 ng/ul

RT: 19.42 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

Instrument :

BNA_M

ClientSampleId :

X1N62

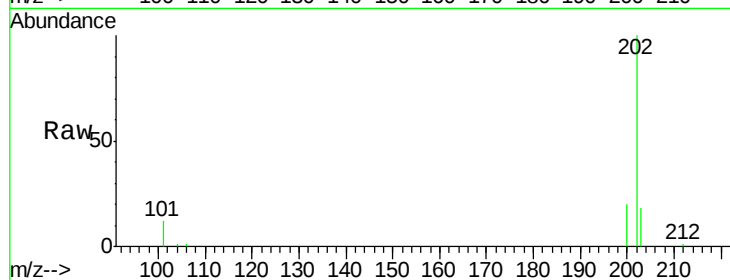
Tgt Ion:202 Resp: 9299

Ion Ratio Lower Upper

202 100

200 20.2 14.8 22.2

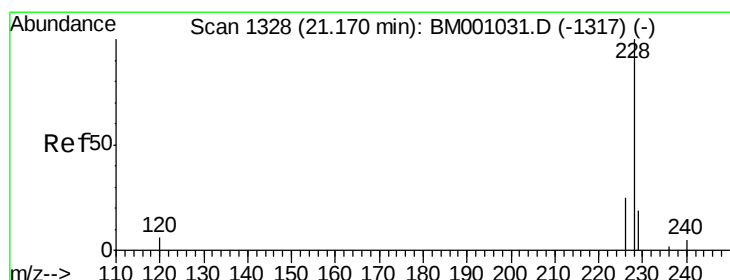
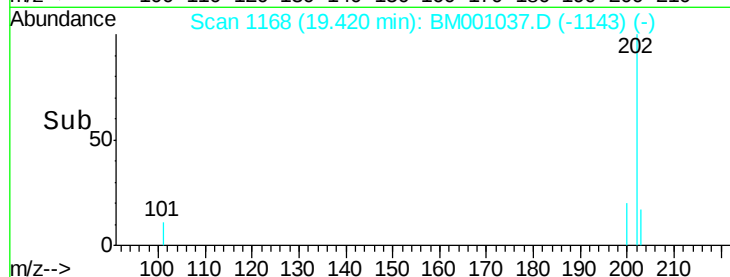
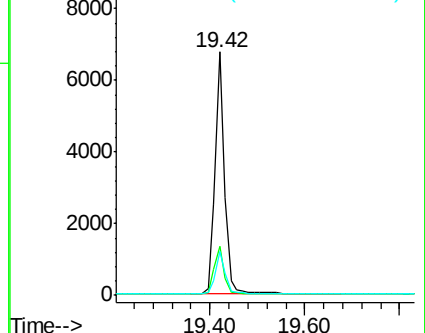
203 17.8 16.1 24.1



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: 0.80 ng/ul

RT: 21.17 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

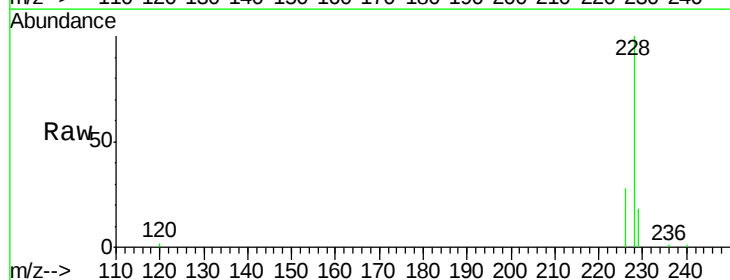
Tgt Ion:228 Resp: 13114

Ion Ratio Lower Upper

228 100

226 28.5 20.7 31.1

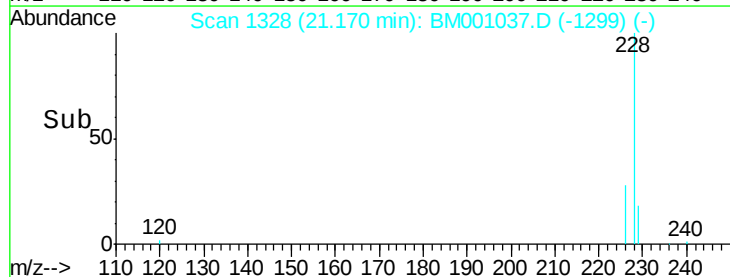
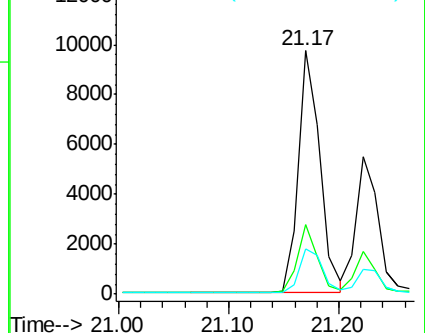
229 18.3 16.6 25.0

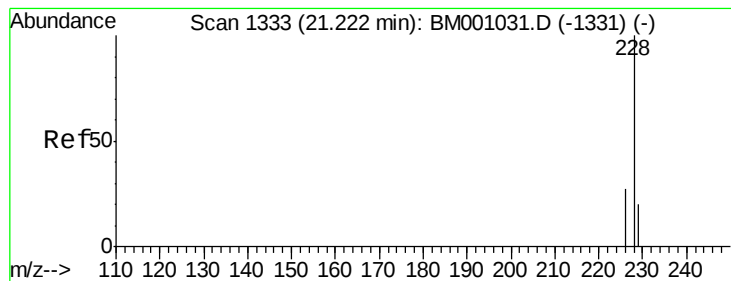


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.45 ng/ul

RT: 21.22 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

Instrument :

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X1N62

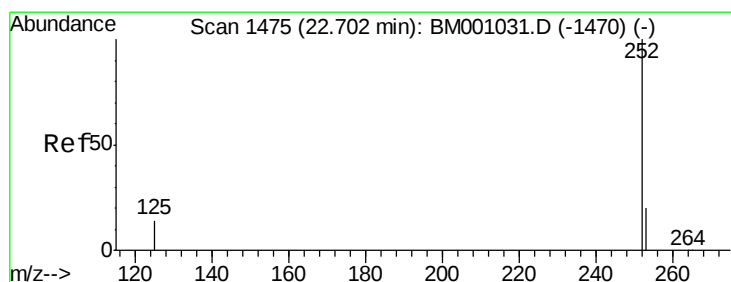
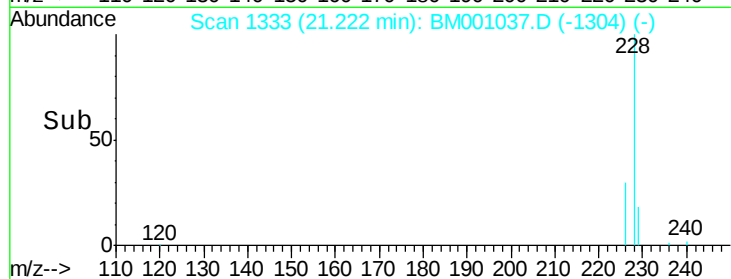
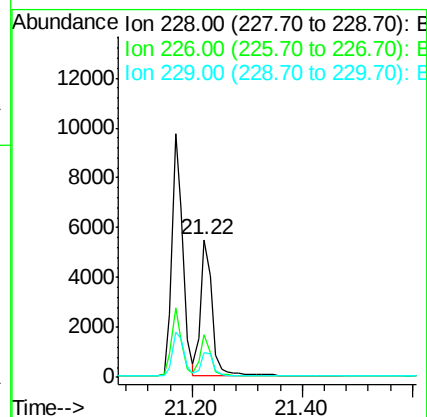
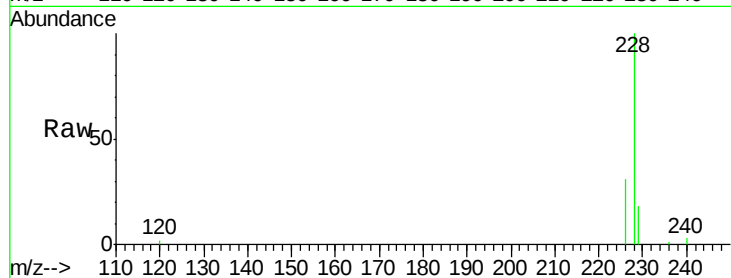
Tgt Ion:228 Resp: 8160

Ion Ratio Lower Upper

228 100

226 31.1 22.2 33.4

229 18.3 16.9 25.3



#21

Benzo(b)fluoranthene

Concen: 0.36 ng/ul

RT: 22.71 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

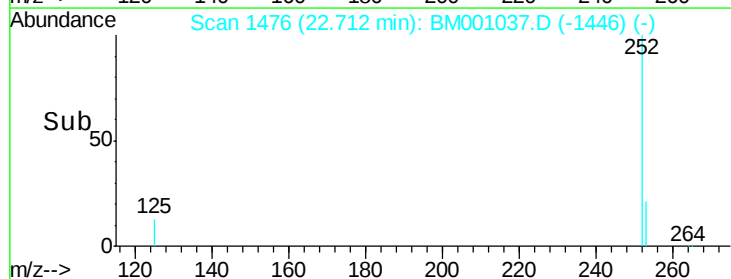
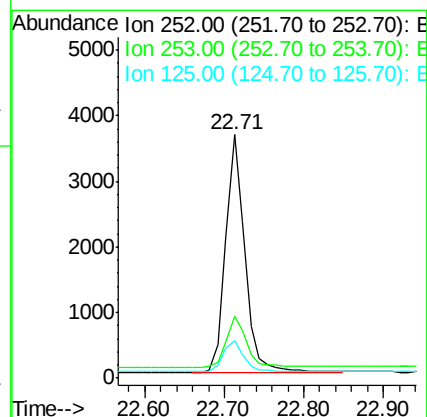
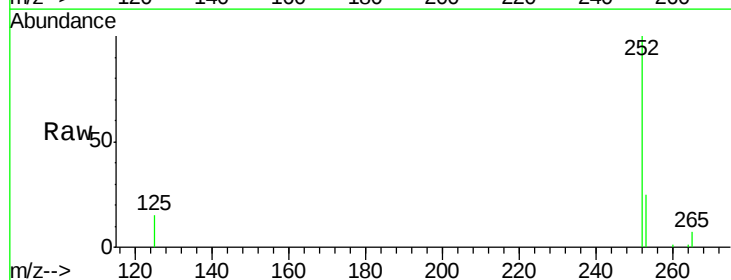
Tgt Ion:252 Resp: 6141

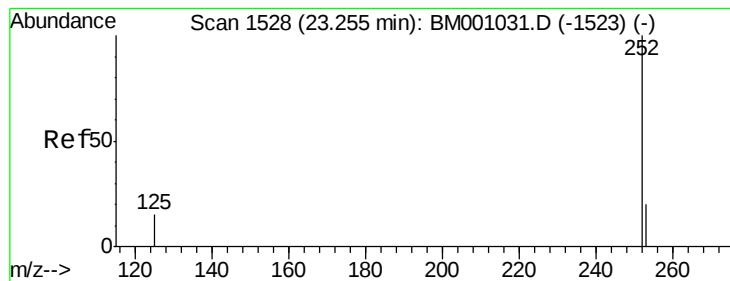
Ion Ratio Lower Upper

252 100

253 25.3 0.0 50.0

125 15.4 0.0 32.2





#23

Benzo(a)pyrene

Concen: 0.54 ng/ul

RT: 23.26 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

Instrument :

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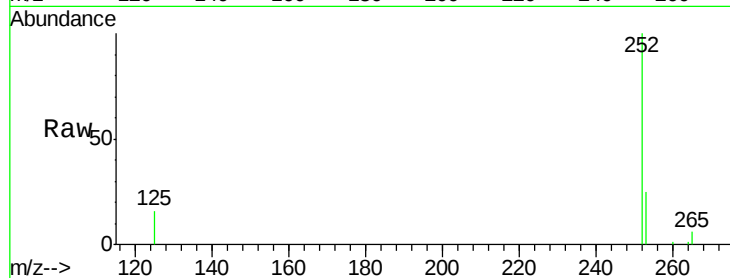
Tgt Ion:252 Resp: 8768

Ion Ratio Lower Upper

252 100

253 24.9 21.8 32.6

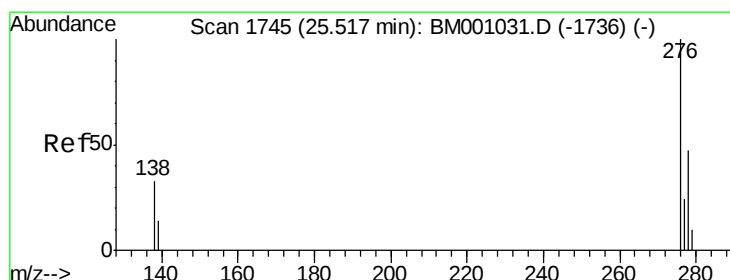
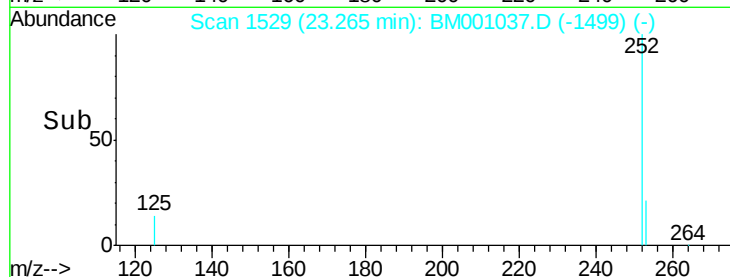
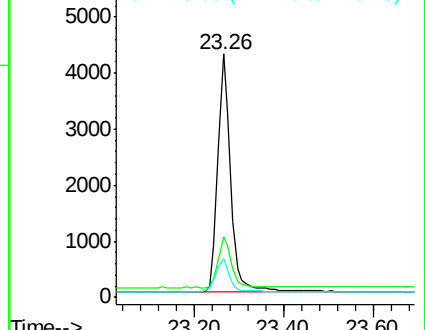
125 16.1 14.5 21.7



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng/ul

RT: 25.53 min Scan# 1746

Delta R.T. 0.01 min

Lab File: BM001037.D

Acq: 17 Apr 2015 18:24

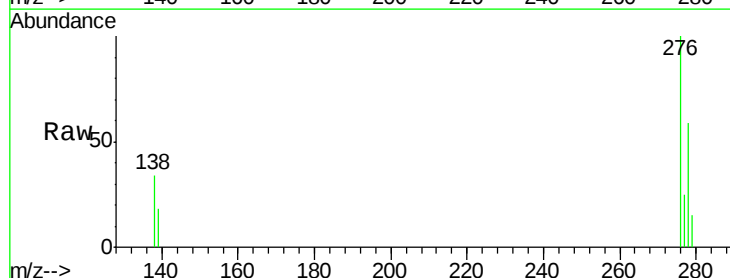
Tgt Ion:276 Resp: 7536

Ion Ratio Lower Upper

276 100

138 33.7 26.3 39.5

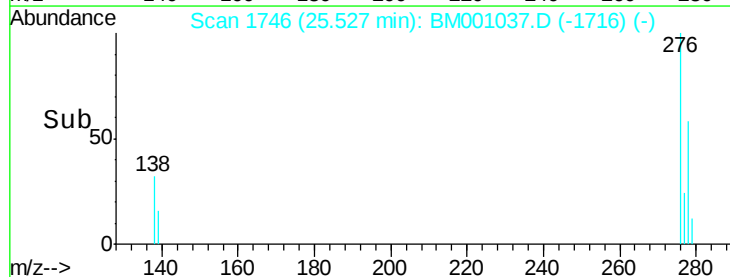
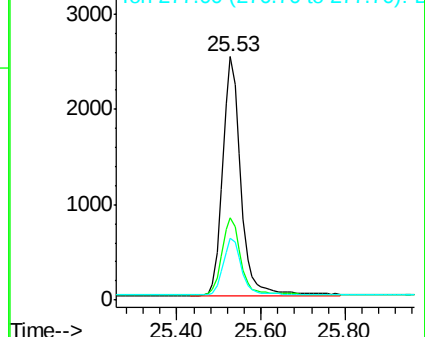
277 24.5 19.9 29.9

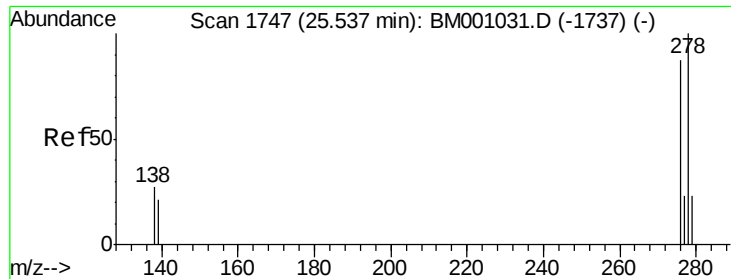


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



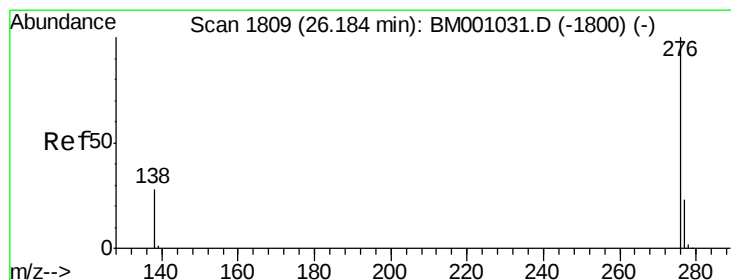
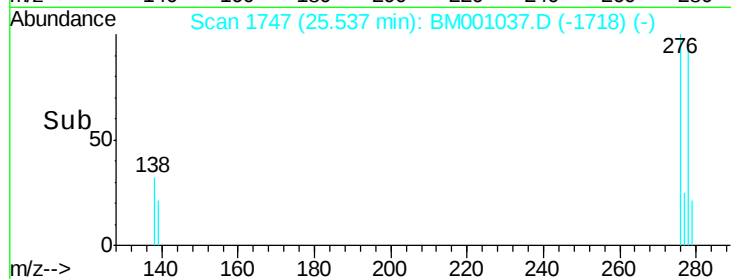
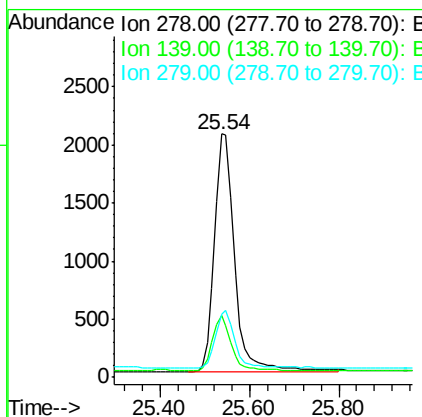
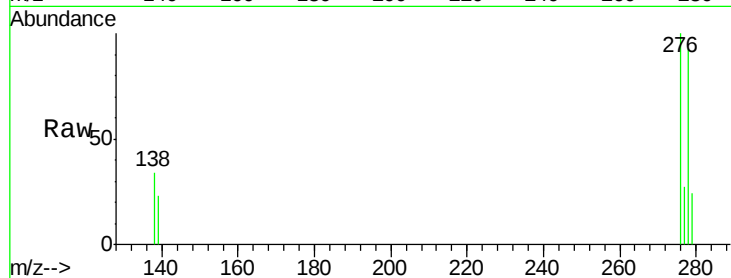


#25
Dibenzo(a,h)anthracene
Concen: 0.44 ng/ul
RT: 25.54 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM001037.D
Acq: 17 Apr 2015 18:24

Instrument :
BNA_M
ClientSampleId :
X1N62

Tgt Ion: 278 Resp: 6444

Ion	Ratio	Lower	Upper
278	100		
139	25.3	19.8	29.6
279	26.0	21.6	32.4



#26
Benzo(g,h,i)perylene
Concen: 0.50 ng/ul
RT: 26.19 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BM001037.D
Acq: 17 Apr 2015 18:24

Tgt Ion: 276 Resp: 7924

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.6	30.8
138	28.1	25.4	38.0

