

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002650.D
 Acq On : 03 Sep 2015 16:23
 Operator : UM/IZ
 Sample : MDL-BL-W
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BL-W

Quant Time: Sep 04 04:14:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 14:33:37 2015
 Response via : Initial Calibration

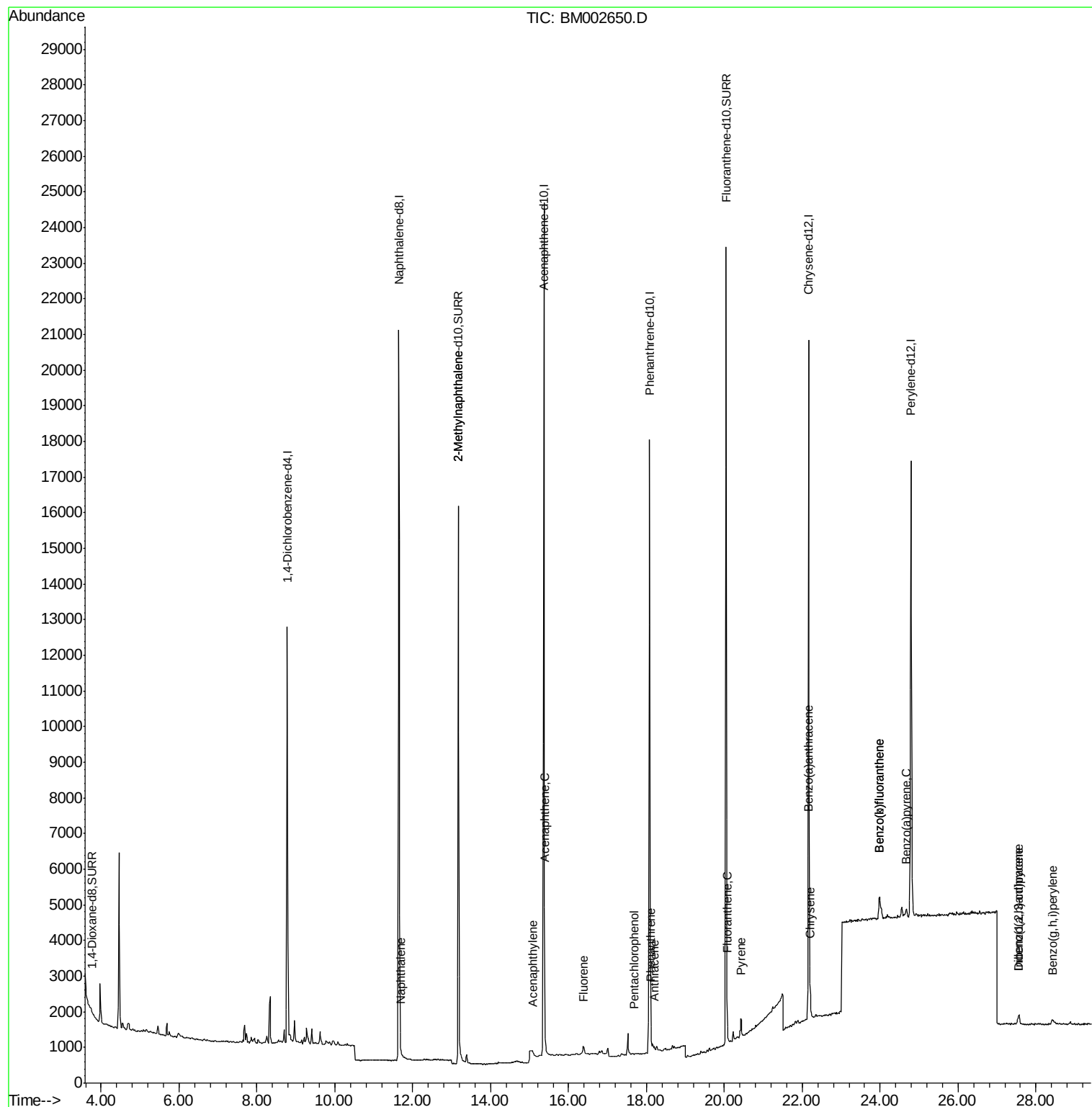
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7651	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	31911	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	14462	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	25864	0.40	ng/ul	0.00
18) Chrysene-d12	22.17	240	20706	0.40	ng/ul	0.01
22) Perylene-d12	24.79	264	19950	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.77	96	150	0.02	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	13.17	152	20359	0.48	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	27732	0.47	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	83	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.17	142	2754	0.05	ng/ul#	5
9) Acenaphthylene	15.07	152	714	0.01	ng/ul#	28
10) Acenaphthene	15.38	153	115	0.00	ng/ul#	72
11) Fluorene	16.37	166	342	0.01	ng/ul#	73
13) Pentachlorophenol	17.68	266	13	0.01	ng/ul#	16
14) Phenanthrene	18.11	178	583	0.01	ng/ul#	40
15) Anthracene	18.20	178	255	0.00	ng/ul#	14
17) Fluoranthene	20.07	202	757	0.01	ng/ul#	51
19) Pyrene	20.43	202	665	0.01	ng/ul#	6
20) Benzo(a)anthracene	22.15	228	682	0.01	ng/ul#	20
21) Chrysene	22.20	228	936	0.01	ng/ul#	43
23) Benzo(b)fluoranthene	23.98	252	1783	0.03	ng/ul#	1
24) Benzo(k)fluoranthene	23.98	252	1783	0.03	ng/ul#	1
25) Benzo(a)pyrene	24.67	252	438	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.56	276	393	0.01	ng/ul#	87
27) Dibenzo(a,h)anthracene	27.56	278	257	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.42	276	407	0.01	ng/ul#	1

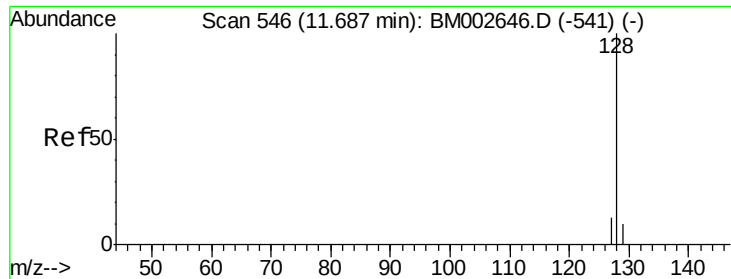
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

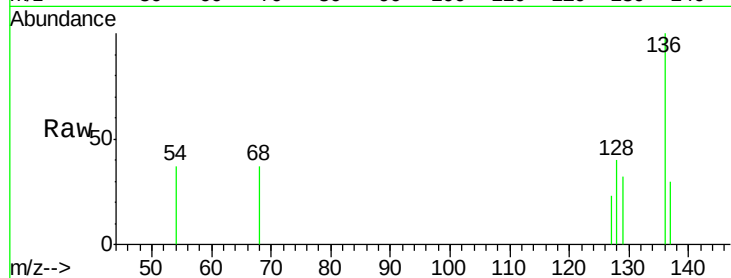
Tot Ion:128 Resp: 83

Ion Ratio Lower Upper

128 100

129 80.8 9.8 14.8#

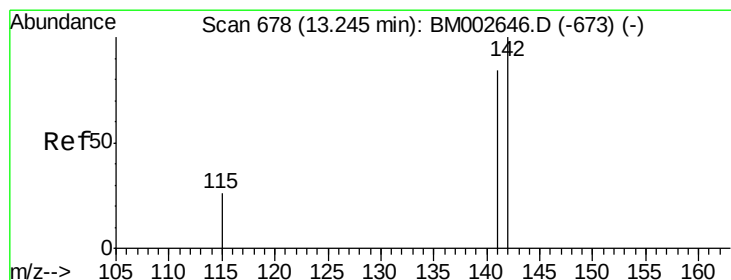
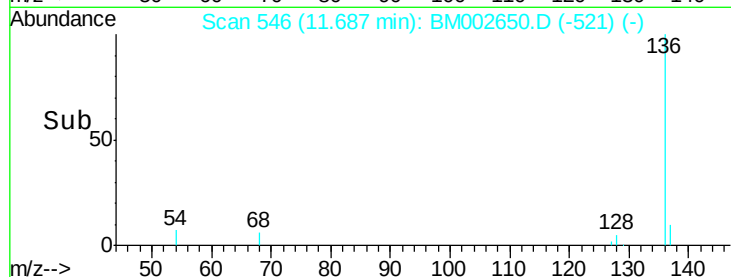
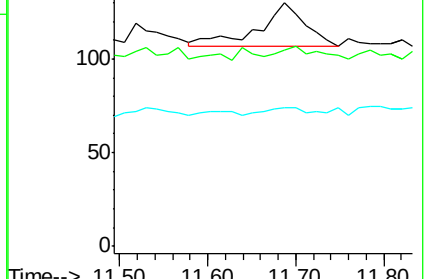
127 56.9 10.7 16.1#



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



#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 13.17 min Scan# 671

Delta R.T. -0.07 min

Lab File: BM002650.D

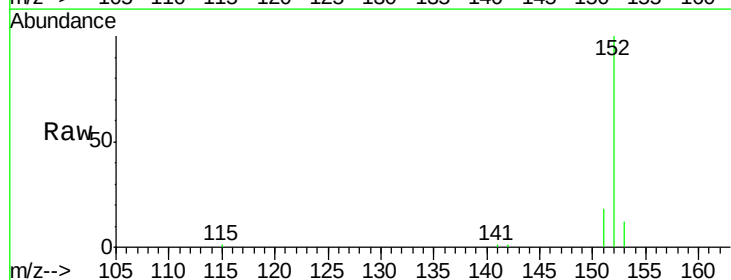
Acq: 03 Sep 2015 16:23

Tgt Ion:142 Resp: 2754

Ion Ratio Lower Upper

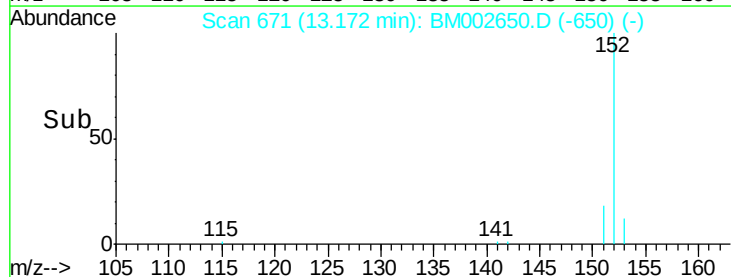
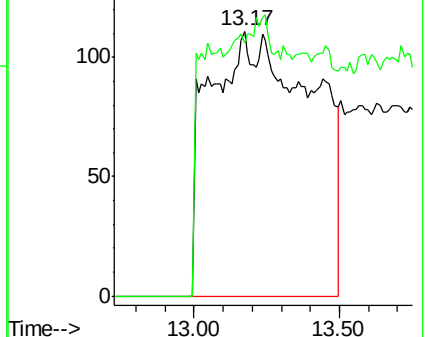
142 100

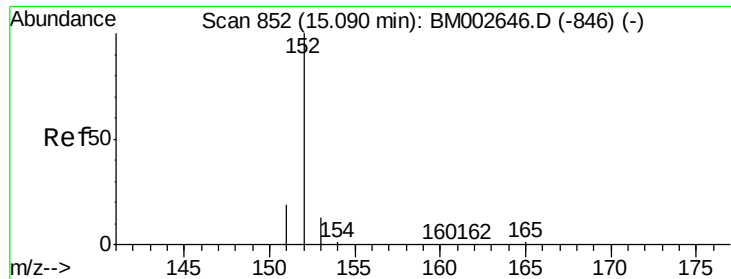
141 0.0 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 15.07 min Scan# 851

Delta R.T. -0.02 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

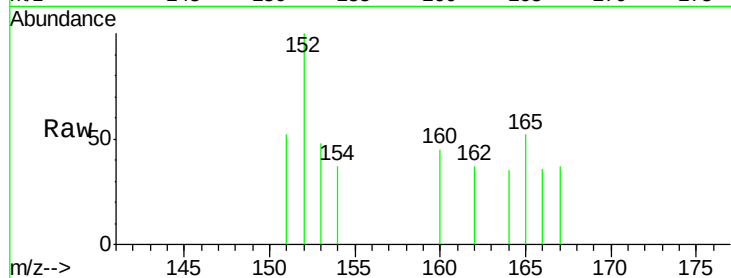
Tot Ion:152 Resp: 714

Ion Ratio Lower Upper

152 100

151 51.6 16.8 25.2#

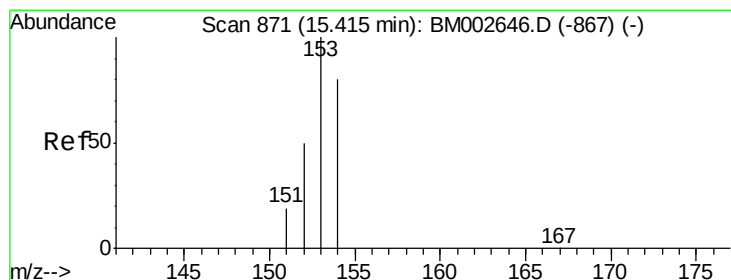
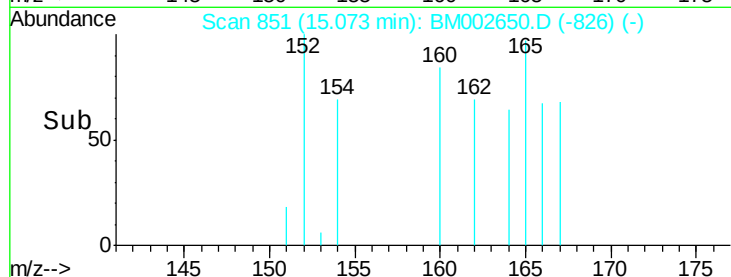
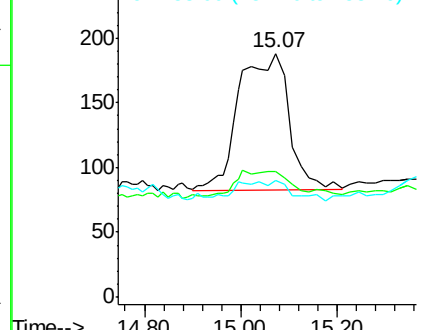
153 47.9 11.3 16.9#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.03 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

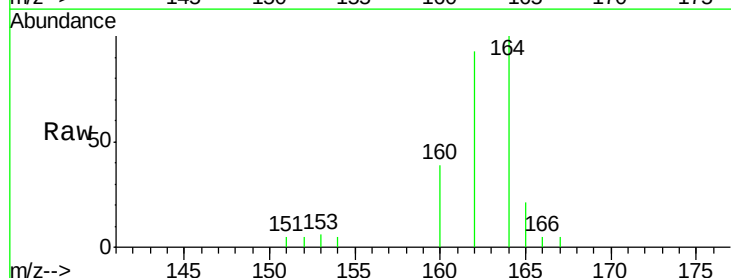
Tgt Ion:153 Resp: 115

Ion Ratio Lower Upper

153 100

152 93.8 42.3 63.5#

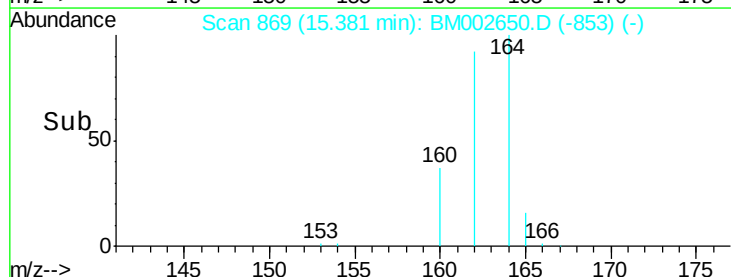
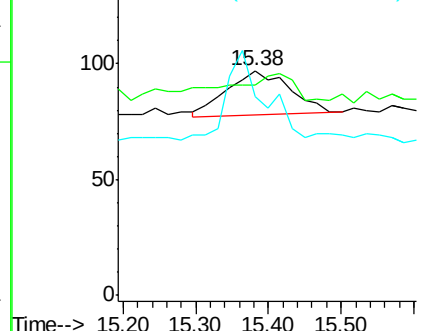
154 88.7 64.7 97.1

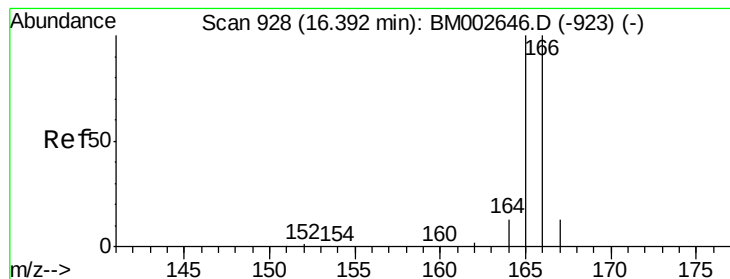


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.01 ng/ul

RT: 16.37 min Scan# 927

Delta R.T. -0.02 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

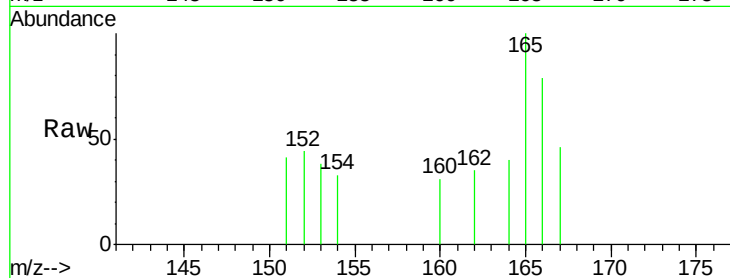
Tot Ion:166 Resp: 342

Ion Ratio Lower Upper

166 100

165 127.3 87.6 131.4

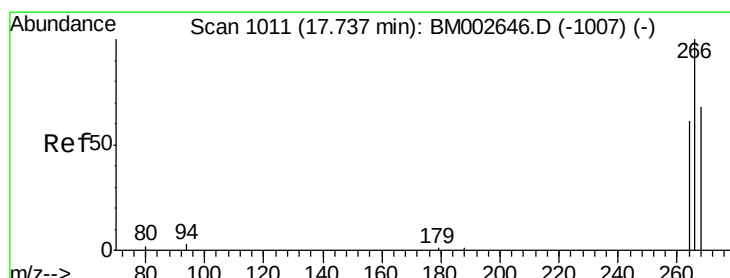
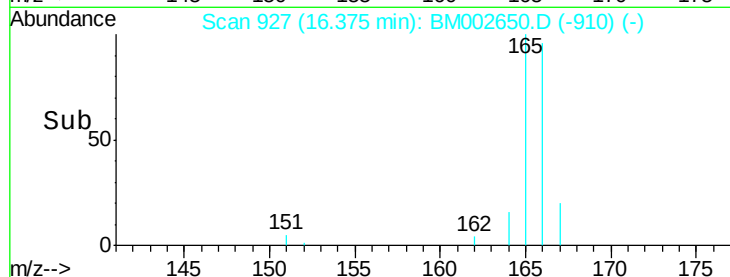
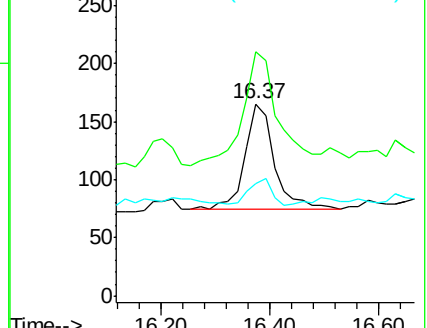
167 58.8 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 17.68 min Scan# 1007

Delta R.T. -0.06 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

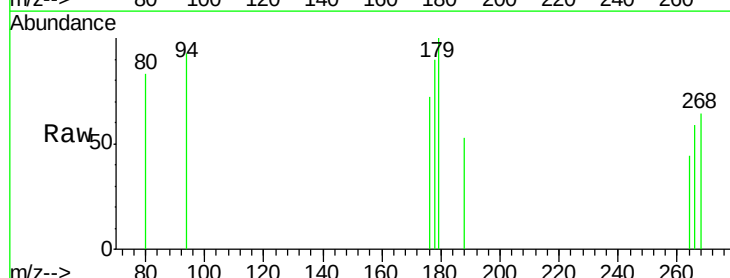
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

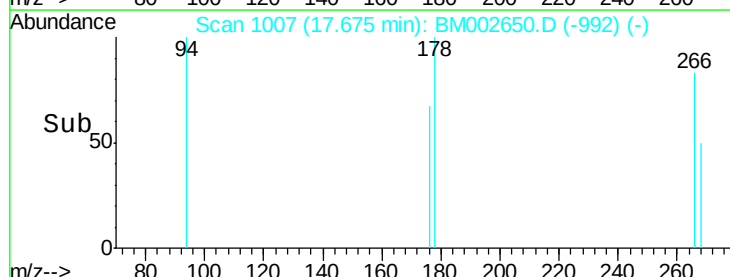
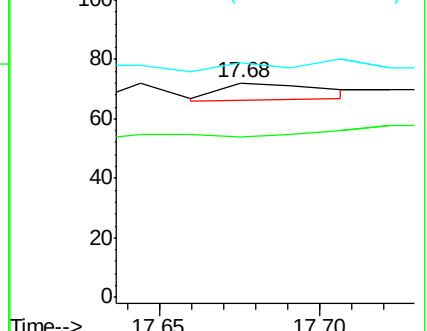
268 0.0 54.2 81.2#

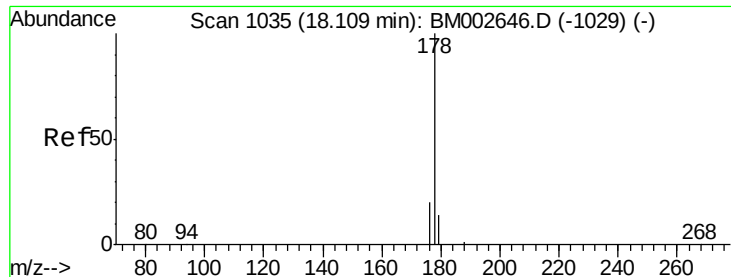


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 18.11 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

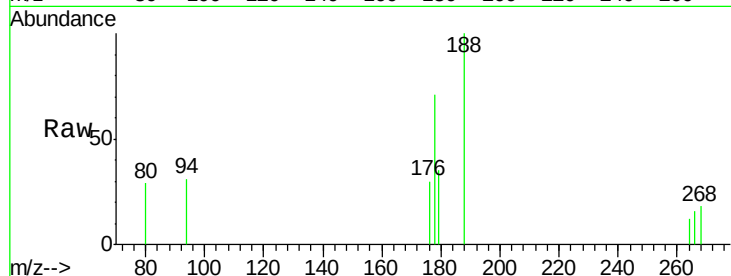
Tot Ion:178 Resp: 583

Ion Ratio Lower Upper

178 100

176 41.8 16.2 24.4#

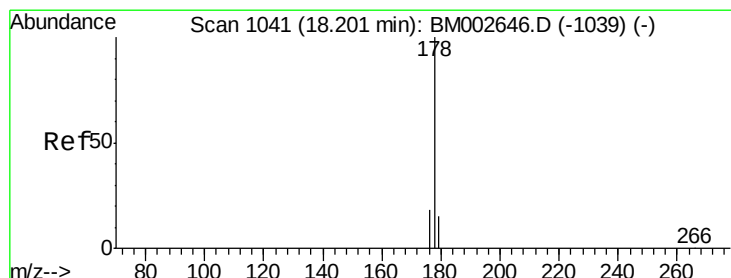
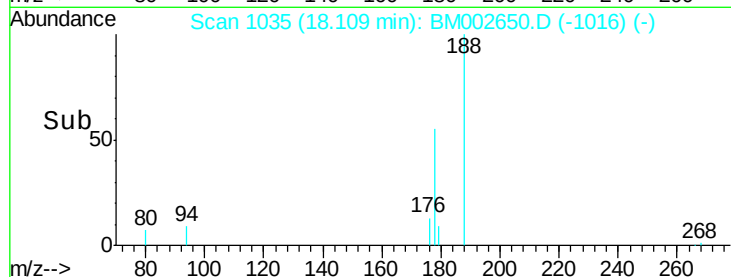
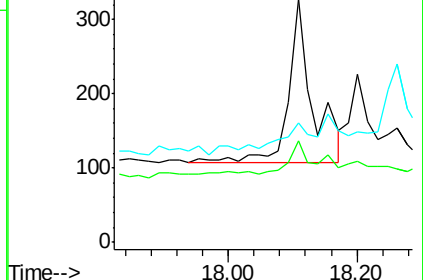
179 49.1 12.8 19.2#



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

Anthracene

Concen: 0.00 ng/ul

RT: 18.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

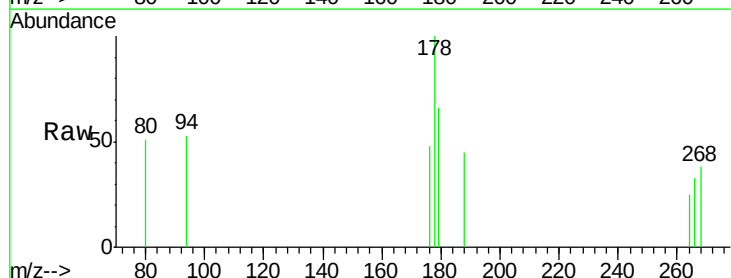
Tgt Ion:178 Resp: 255

Ion Ratio Lower Upper

178 100

176 48.0 15.8 23.8#

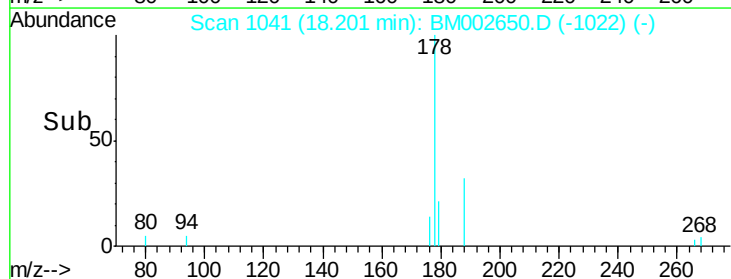
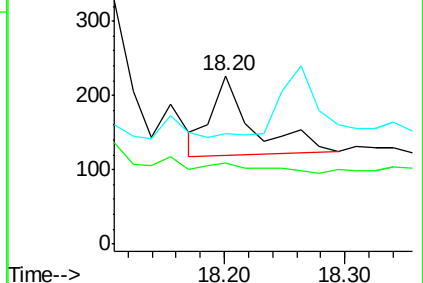
179 65.6 13.3 19.9#

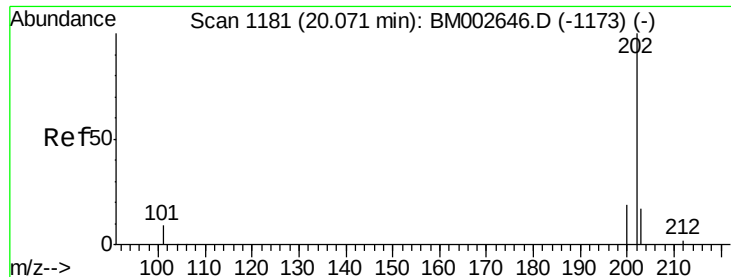


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

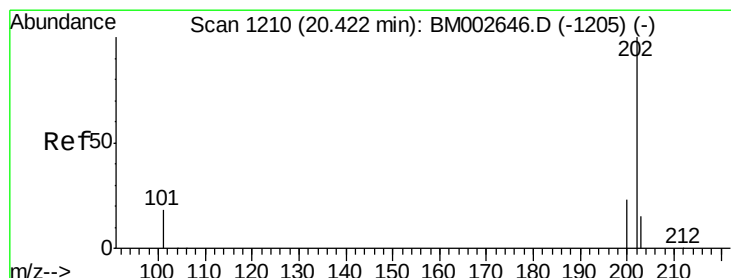
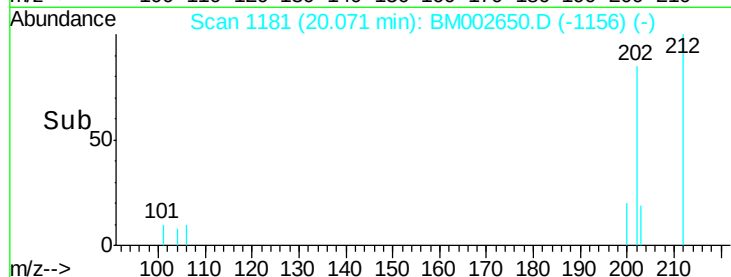
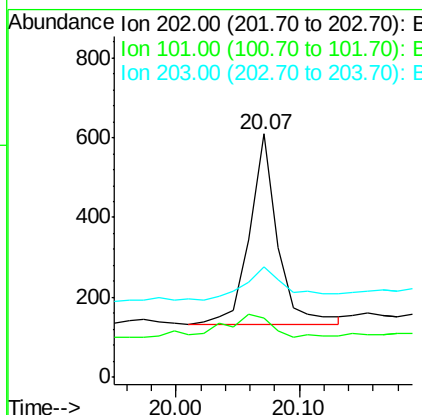
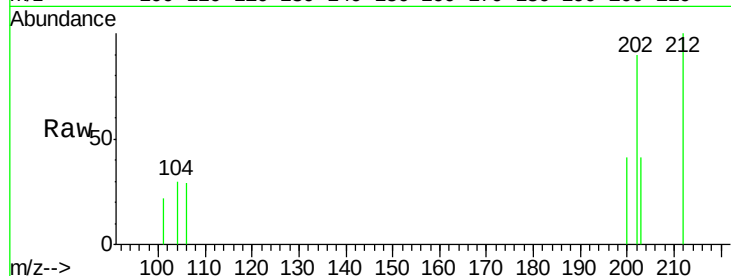




#17
Fluoranthene
Concen: 0.01 ng/ul
RT: 20.07 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM002650.D
Acq: 03 Sep 2015 16:23

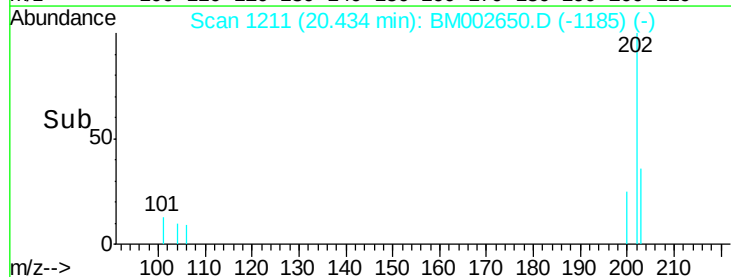
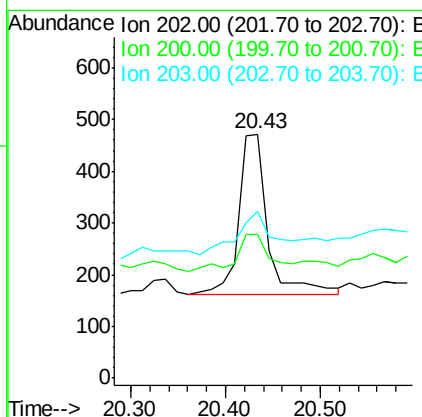
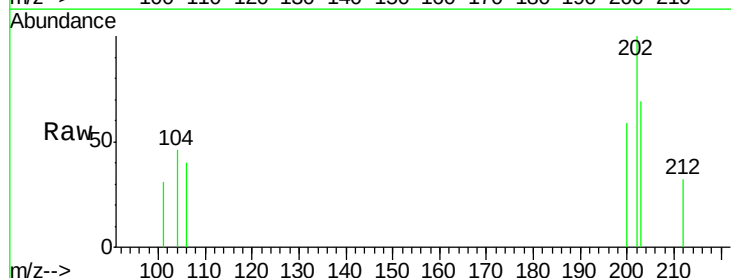
Instrument :
BNA_M
ClientSampleId :
MDL-BL-W

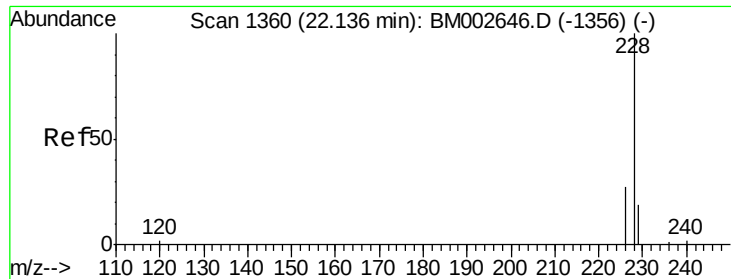
Tot Ion:202 Resp: 757
Ion Ratio Lower Upper
202 100
101 24.5 0.0 33.1
203 45.5 0.0 37.2#



#19
Pyrene
Concen: 0.01 ng/ul
RT: 20.43 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BM002650.D
Acq: 03 Sep 2015 16:23

Tgt Ion:202 Resp: 665
Ion Ratio Lower Upper
202 100
200 58.8 18.0 27.0#
203 68.6 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.15 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampled :

MDL-BL-W

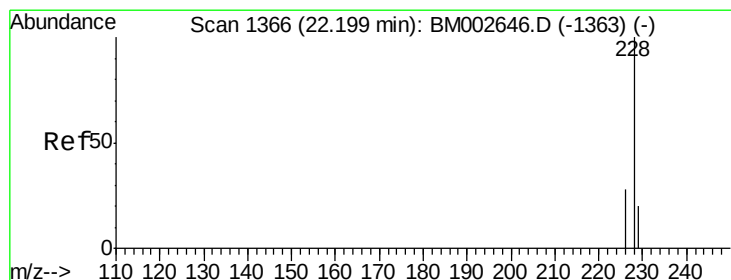
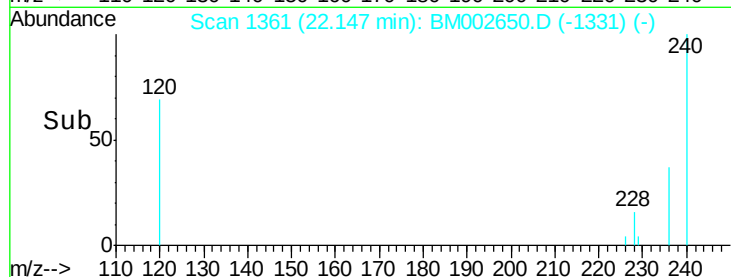
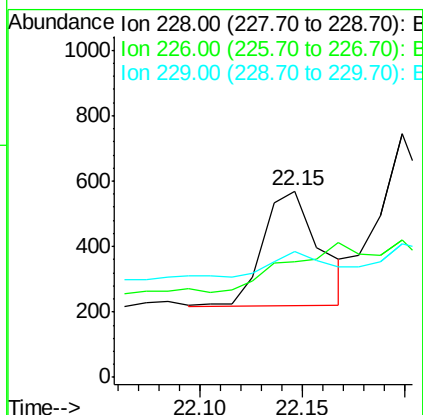
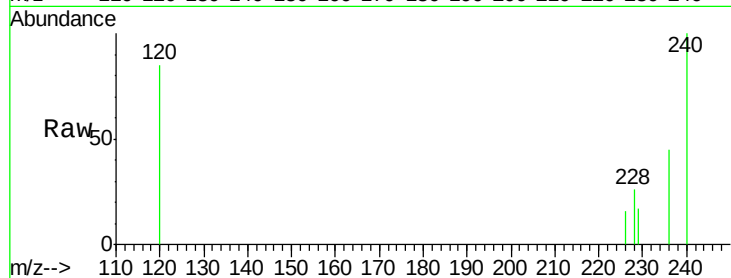
Tot Ion:228 Resp: 682

Ion Ratio Lower Upper

228 100

226 62.1 23.0 34.4#

229 67.2 15.2 22.8#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

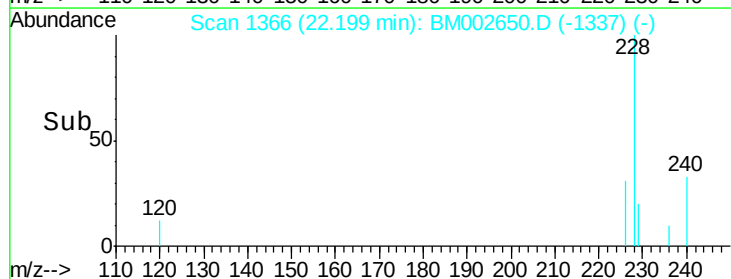
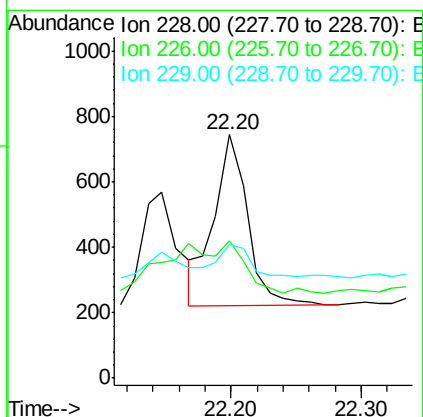
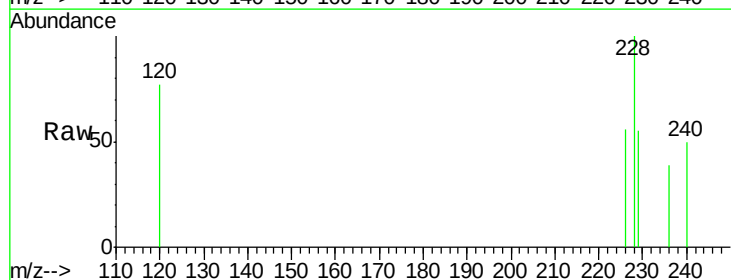
Tgt Ion:228 Resp: 936

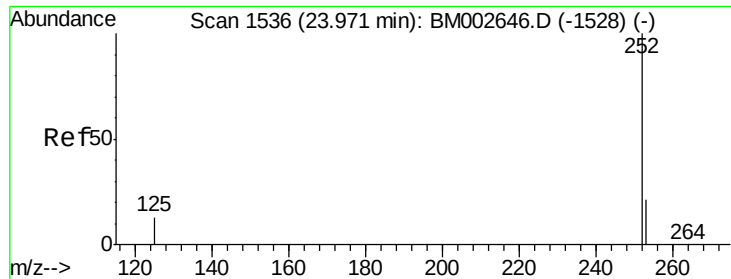
Ion Ratio Lower Upper

228 100

226 56.5 25.7 38.5#

229 55.1 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 23.98 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

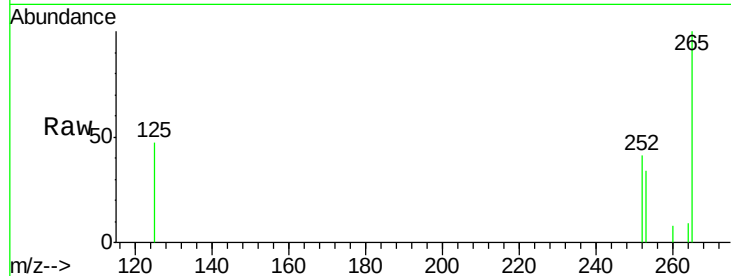
Tot Ion:252 Resp: 1783

Ion Ratio Lower Upper

252 100

253 82.6 0.0 48.0#

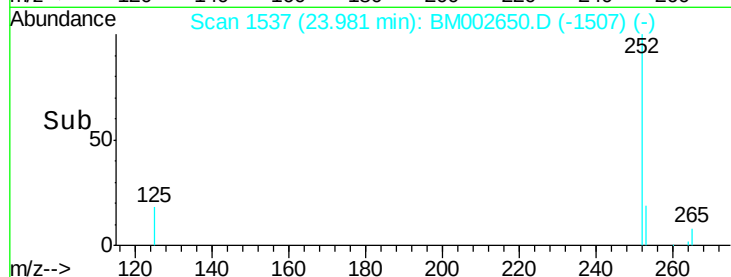
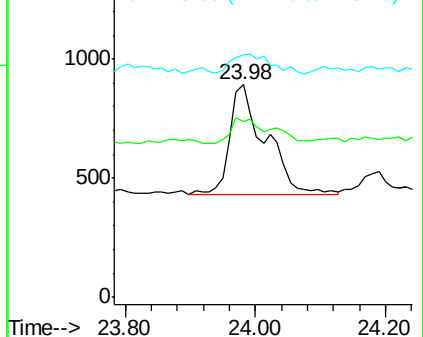
125 113.9 0.0 36.6#



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

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 23.98 min Scan# 1537

Delta R.T. -0.04 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

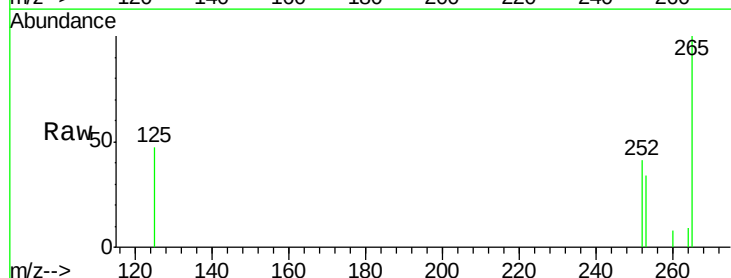
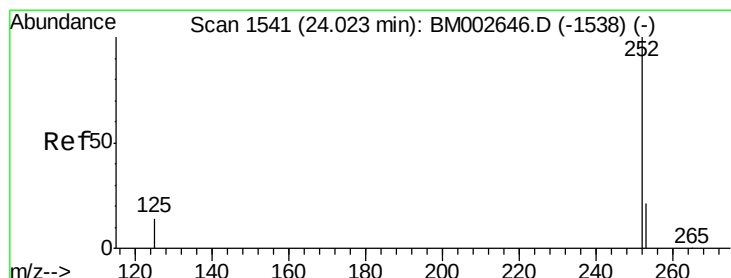
Tgt Ion:252 Resp: 1783

Ion Ratio Lower Upper

252 100

253 82.6 20.8 31.2#

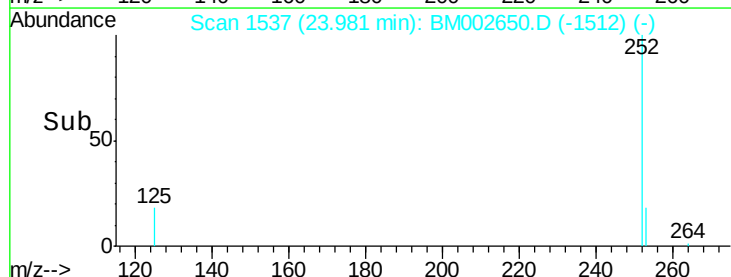
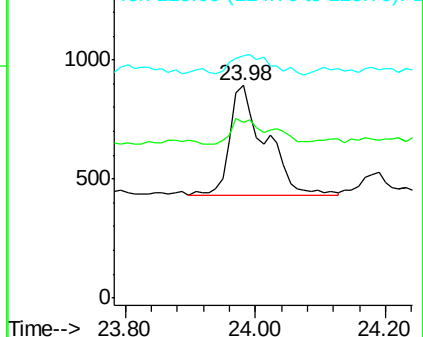
125 113.9 12.2 18.4#

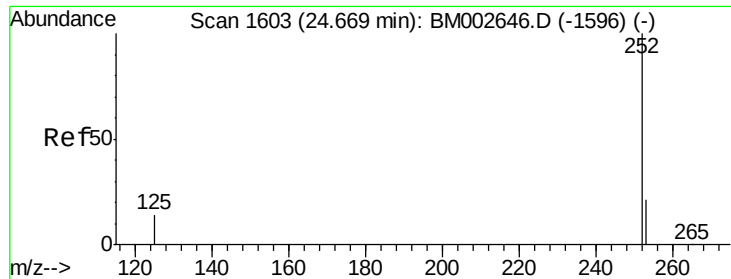


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 24.67 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampled :

MDL-BL-W

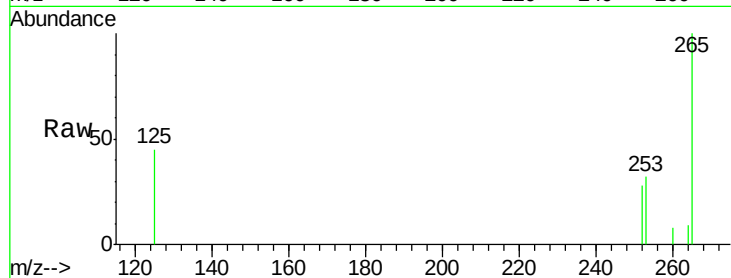
Tot Ion:252 Resp: 438

Ion Ratio Lower Upper

252 100

253 114.0 21.8 32.8#

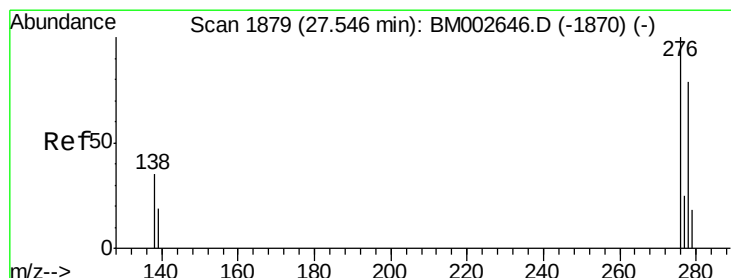
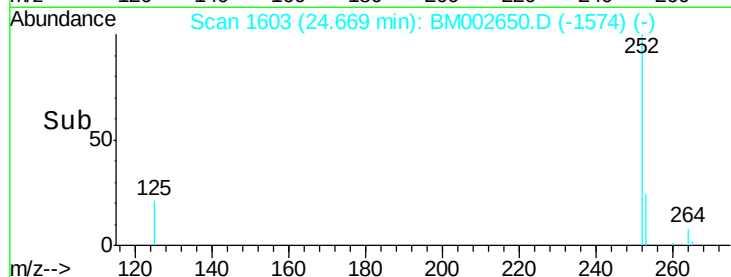
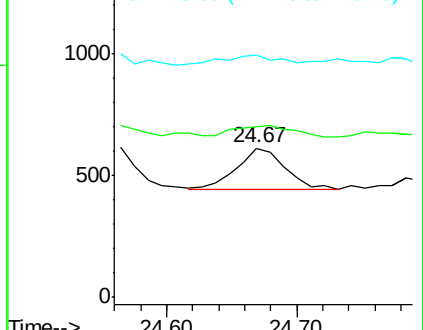
125 162.0 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 27.56 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

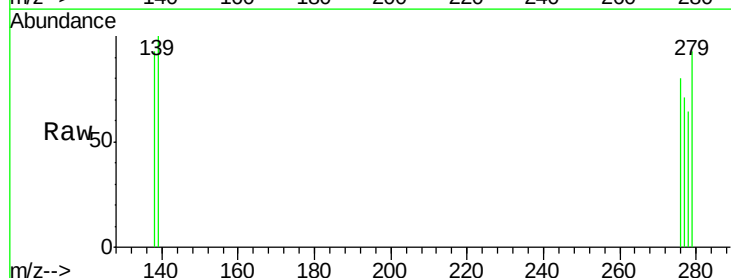
Tgt Ion:276 Resp: 393

Ion Ratio Lower Upper

276 100

138 40.7 27.5 41.3

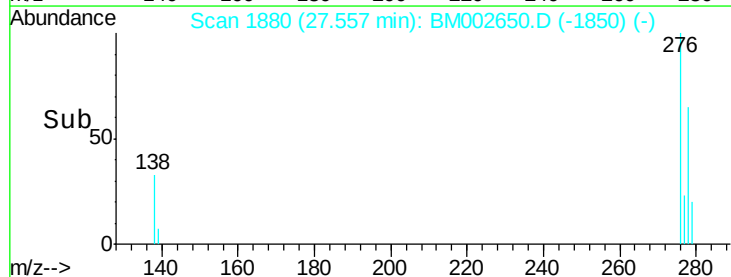
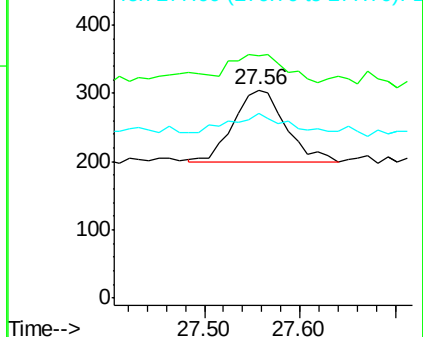
277 32.1 19.3 28.9#

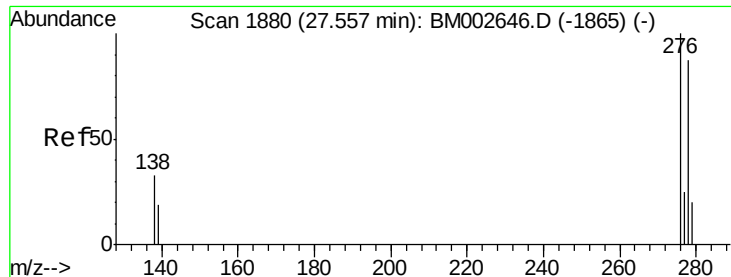


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 27.56 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

Instrument :

BNA_M

ClientSampleId :

MDL-BL-W

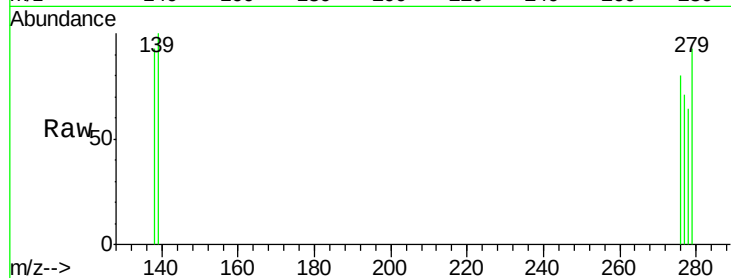
Tot Ion:278 Resp: 257

Ion Ratio Lower Upper

278 100

139 155.5 21.7 32.5#

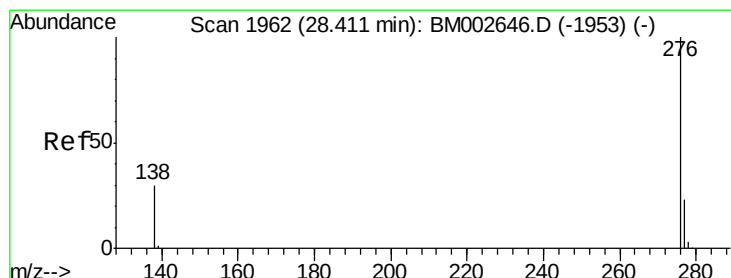
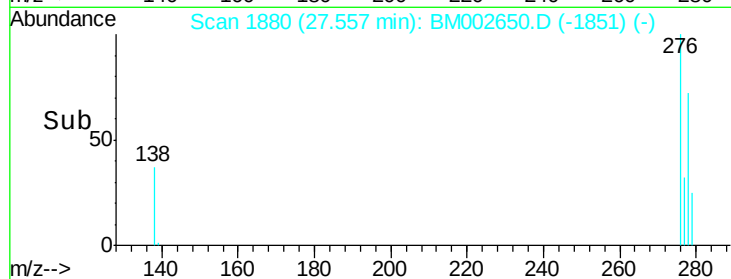
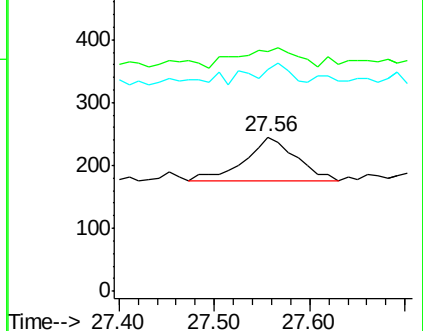
279 144.1 21.9 32.9#



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



#28

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 28.42 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BM002650.D

Acq: 03 Sep 2015 16:23

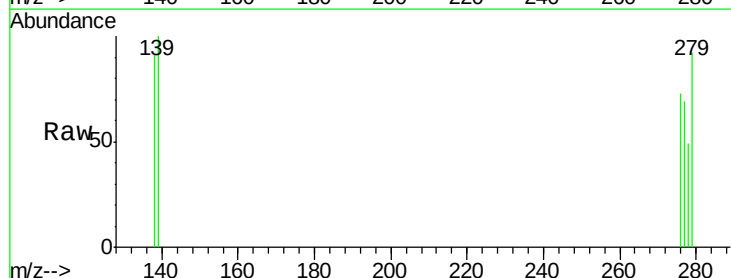
Tgt Ion:276 Resp: 407

Ion Ratio Lower Upper

276 100

277 95.2 21.3 31.9#

138 125.8 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

