

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002652.D
 Acq On : 03 Sep 2015 17:37
 Operator : UM/IZ
 Sample : MDL-02-W
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Quant Time: Sep 04 04:14:24 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

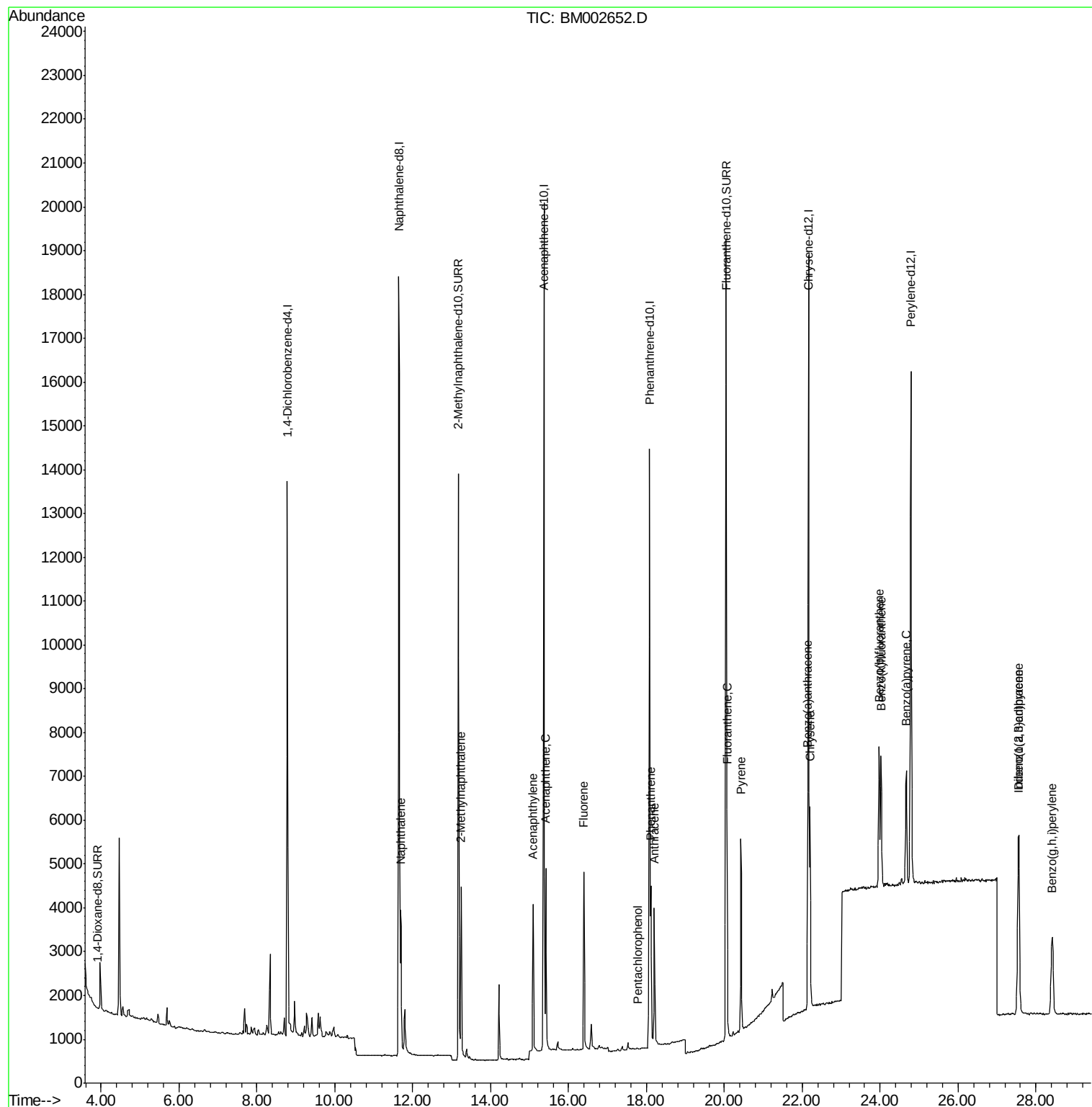
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7551	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	29130	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	11726	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	20761	0.40	ng/ul	0.00
18) Chrysene-d12	22.17	240	19201	0.40	ng/ul	0.01
22) Perylene-d12	24.78	264	18905	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.90	96	24	0.00	ng/uL	0.08
6) 2-Methylnaphthalene-d10	13.17	152	17546	0.45	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	23853	0.50	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	4902	0.06	ng/ul	95
7) 2-Methylnaphthalene	13.25	142	3653	0.07	ng/ul	92
9) Acenaphthylene	15.09	152	4305	0.07	ng/ul	99
10) Acenaphthene	15.42	153	2812	0.06	ng/ul	99
11) Fluorene	16.39	166	2986	0.06	ng/ul#	94
13) Pentachlorophenol	17.77	266	34	0.02	ng/ul#	16
14) Phenanthrene	18.11	178	4238	0.07	ng/ul	94
15) Anthracene	18.20	178	4075	0.07	ng/ul	96
17) Fluoranthene	20.07	202	4703	0.07	ng/ul	92
19) Pyrene	20.42	202	4772	0.07	ng/ul#	89
20) Benzo(a)anthracene	22.14	228	4441	0.07	ng/ul#	88
21) Chrysene	22.20	228	4523	0.07	ng/ul#	91
23) Benzo(b)fluoranthene	23.97	252	4671	0.07	ng/ul#	56
24) Benzo(k)fluoranthene	24.02	252	4559	0.07	ng/ul#	54
25) Benzo(a)pyrene	24.67	252	4334	0.07	ng/ul#	50
26) Indeno(1,2,3-cd)pyrene	27.55	276	5230	0.07	ng/ul	96
27) Dibenzo(a,h)anthracene	27.56	278	4076	0.07	ng/ul#	69
28) Benzo(a,h,i)perylene	28.41	276	4366	0.07	ng/ul#	74

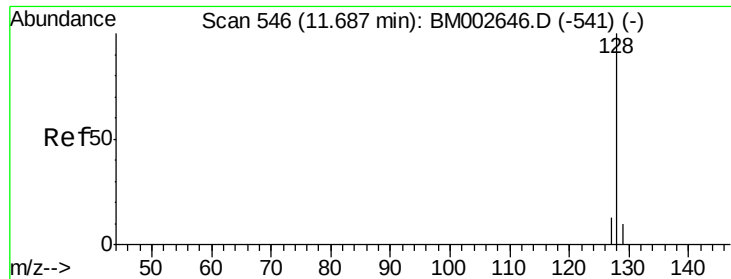
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.06 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

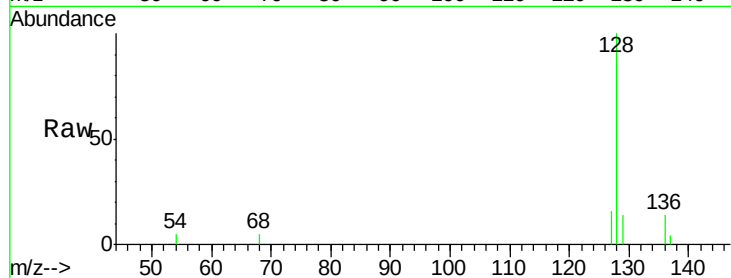
Tot Ion:128 Resp: 4902

Ion Ratio Lower Upper

128 100

129 13.9 9.8 14.8

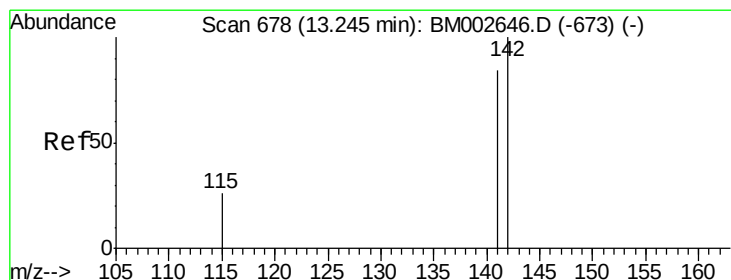
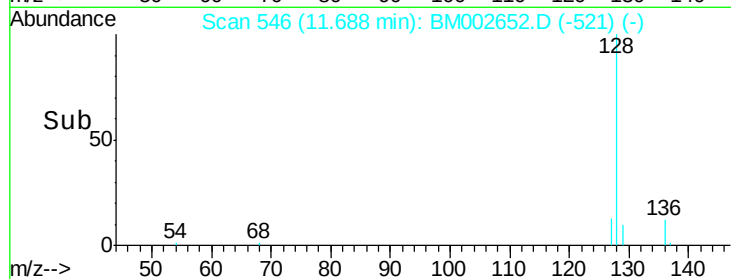
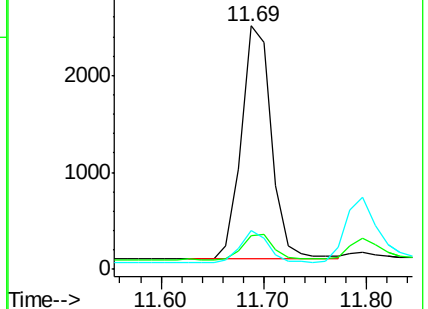
127 15.7 10.7 16.1



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: 0.07 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM002652.D

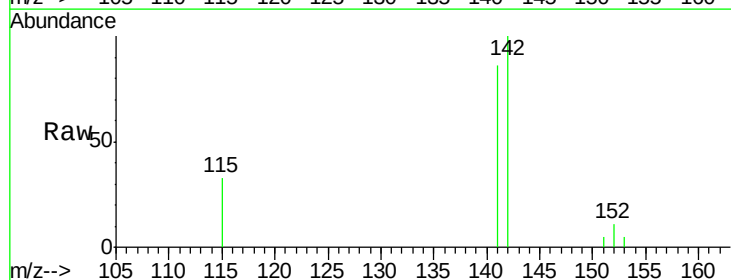
Acq: 03 Sep 2015 17:37

Tgt Ion:142 Resp: 3653

Ion Ratio Lower Upper

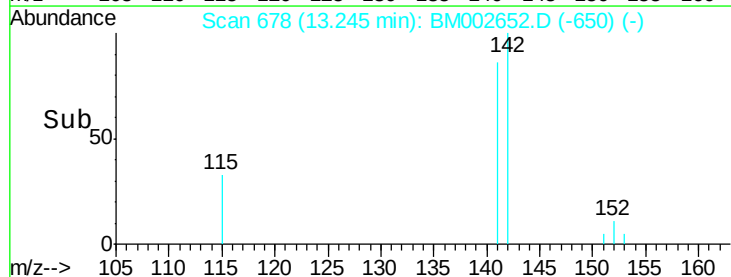
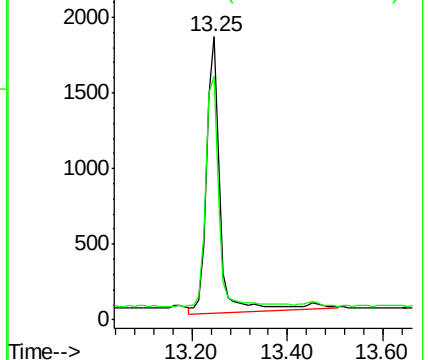
142 100

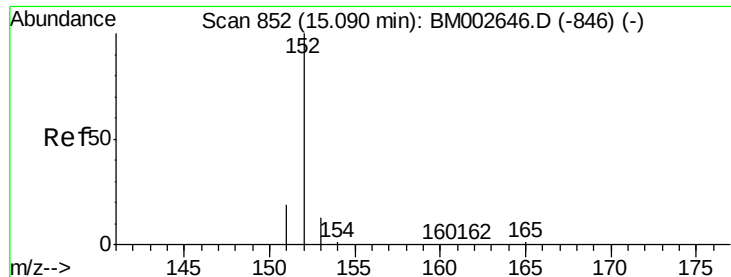
141 95.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.07 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

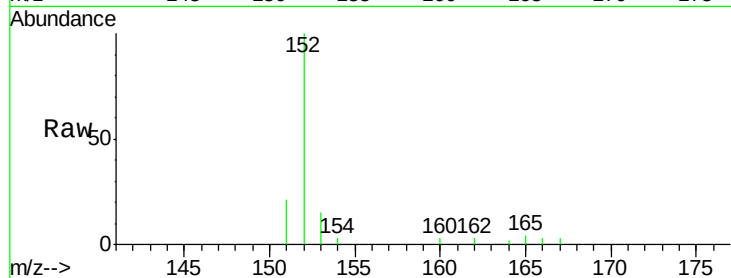
Tot Ion:152 Resp: 4305

Ion Ratio Lower Upper

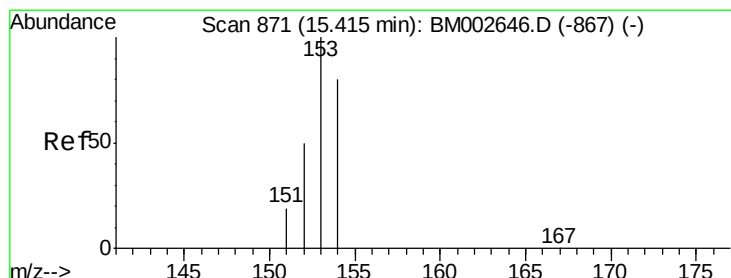
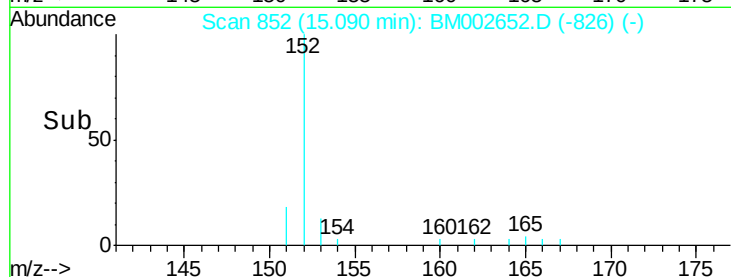
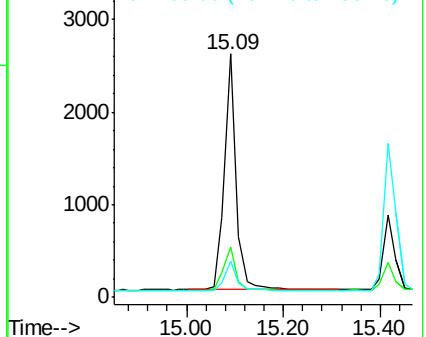
152 100

151 20.6 16.8 25.2

153 15.0 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: 0.06 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

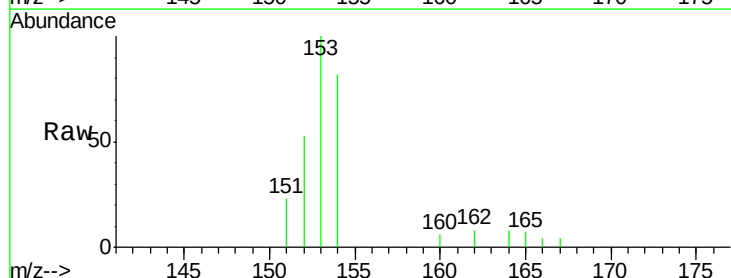
Tgt Ion:153 Resp: 2812

Ion Ratio Lower Upper

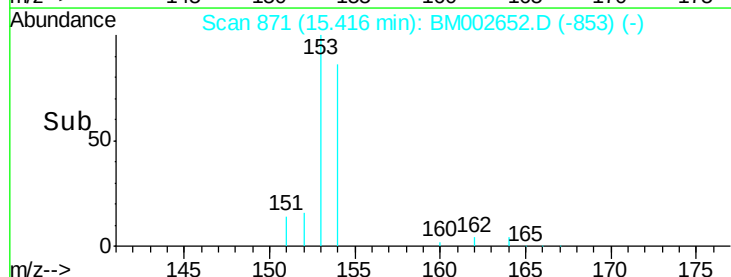
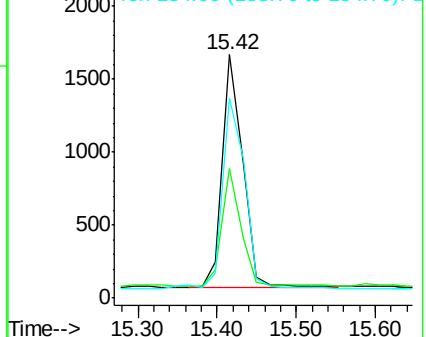
153 100

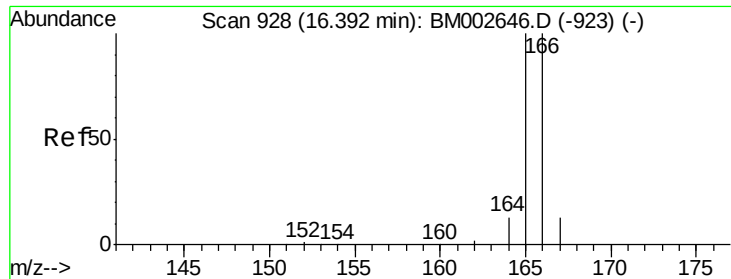
152 53.3 42.3 63.5

154 82.0 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

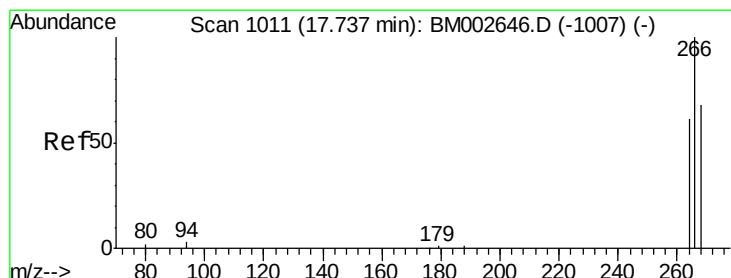
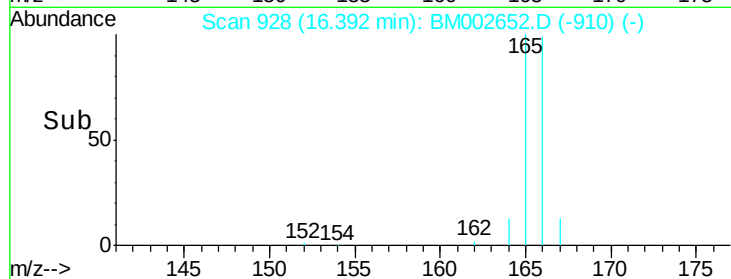
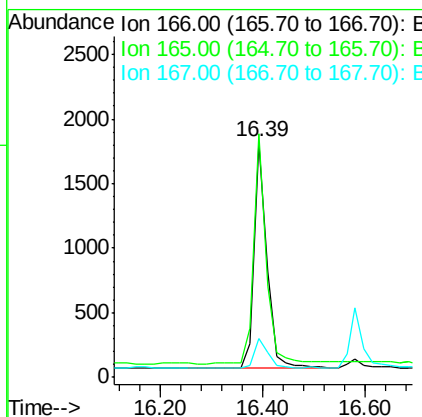
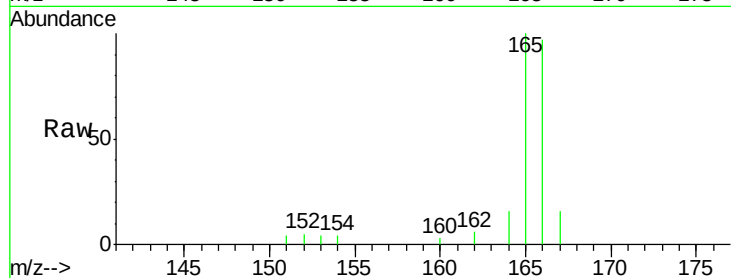




#11
 Fluorene
 Concen: 0.06 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM002652.D
 Acq: 03 Sep 2015 17:37

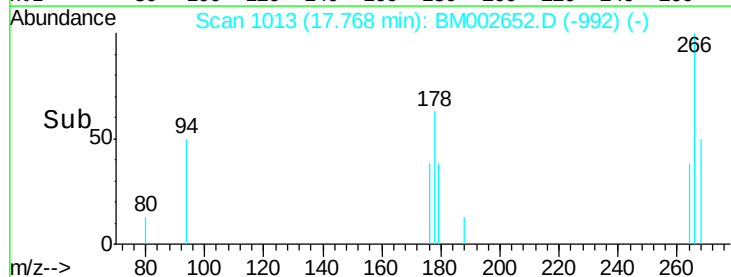
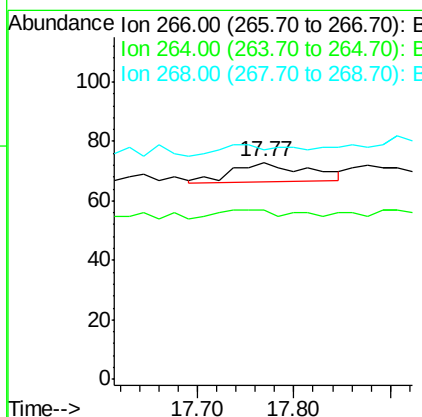
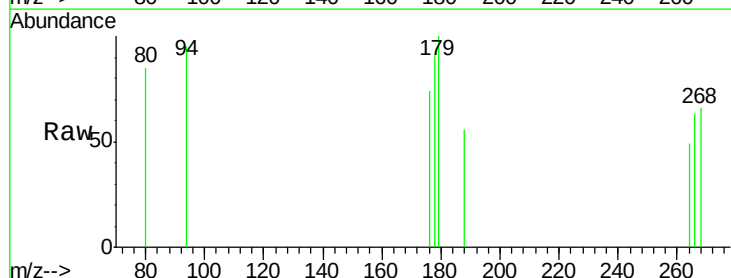
Instrument :
 BNA_M
 ClientSampleID :
 MDL-02-W

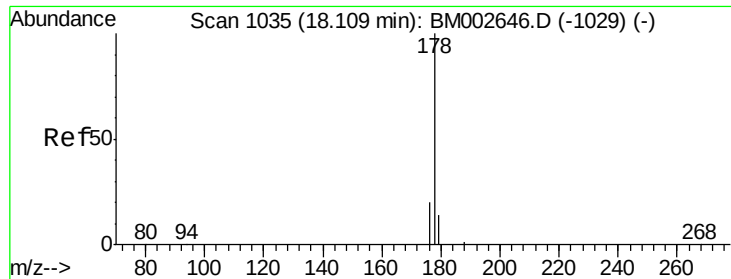
Tot Ion:166 Resp: 2986
 Ion Ratio Lower Upper
 166 100
 165 103.6 87.6 131.4
 167 16.7 11.1 16.7#



#13
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 17.77 min Scan# 1013
 Delta R.T. 0.03 min
 Lab File: BM002652.D
 Acq: 03 Sep 2015 17:37

Tgt Ion:266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 264 0.0 53.5 80.3#
 268 0.0 54.2 81.2#

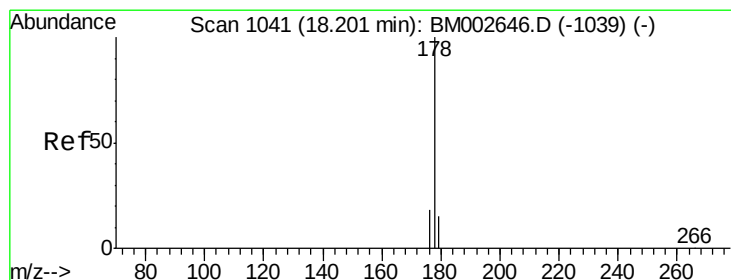
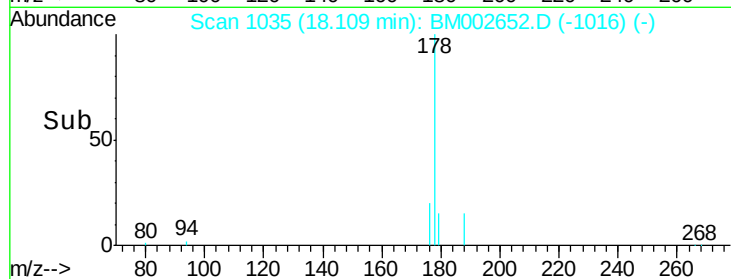
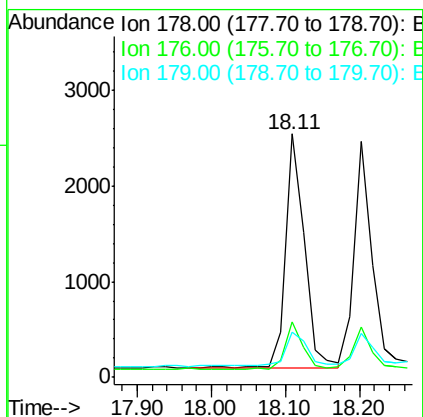
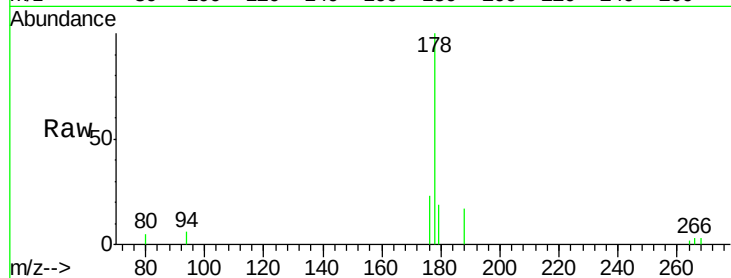




#14
Phenanthrene
Concen: 0.07 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002652.D
Acq: 03 Sep 2015 17:37

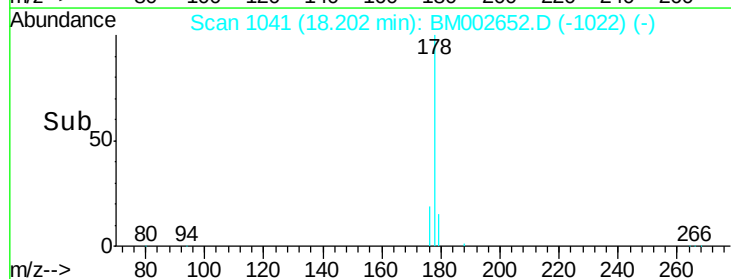
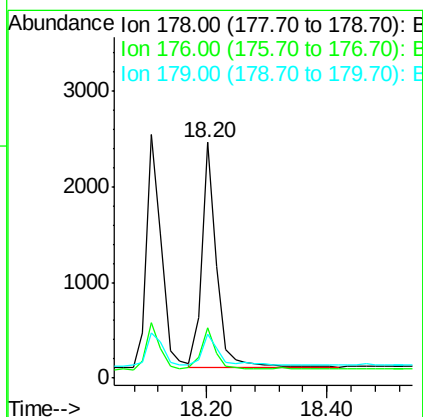
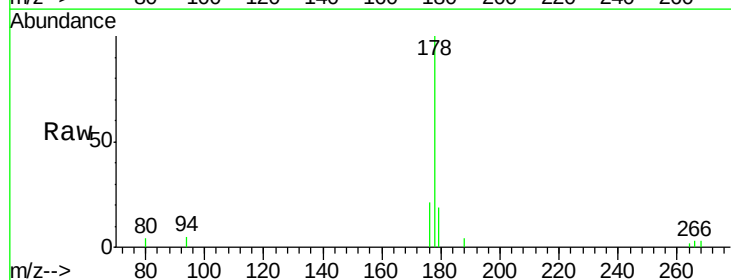
Instrument :
BNA_M
ClientSampleId :
MDL-02-W

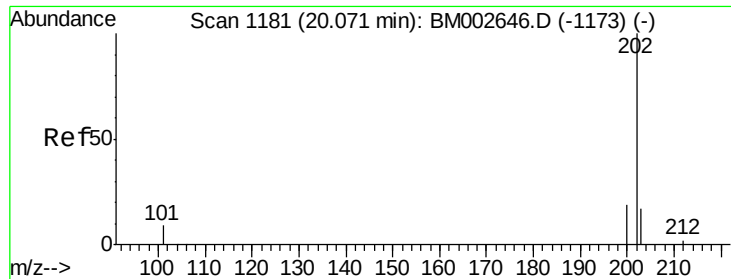
Tot Ion:178 Resp: 4238
Ion Ratio Lower Upper
178 100
176 22.7 16.2 24.4
179 18.8 12.8 19.2



#15
Anthracene
Concen: 0.07 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BM002652.D
Acq: 03 Sep 2015 17:37

Tgt Ion:178 Resp: 4075
Ion Ratio Lower Upper
178 100
176 21.5 15.8 23.8
179 18.8 13.3 19.9

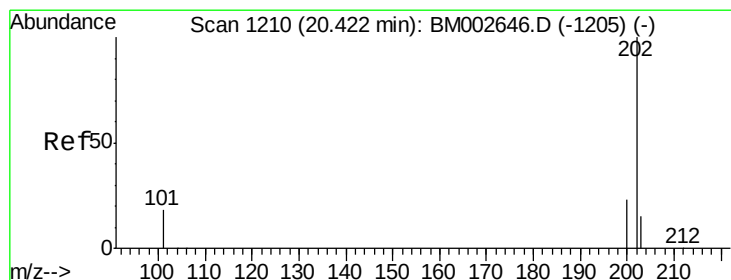
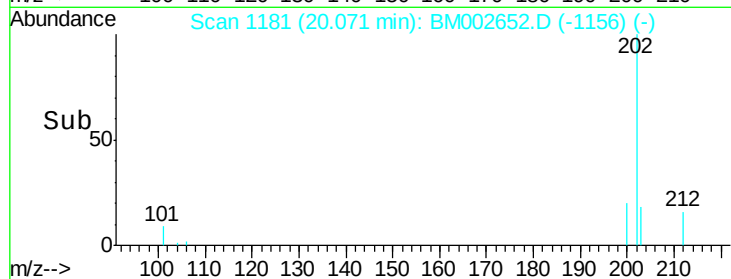
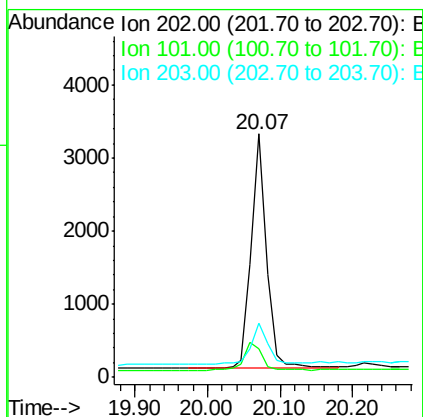
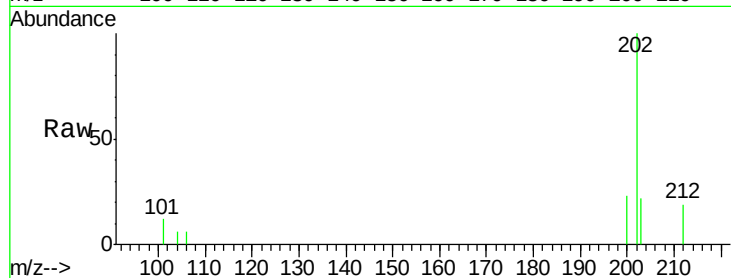




#17
Fluoranthene
 Concen: 0.07 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BM002652.D
 Acq: 03 Sep 2015 17:37

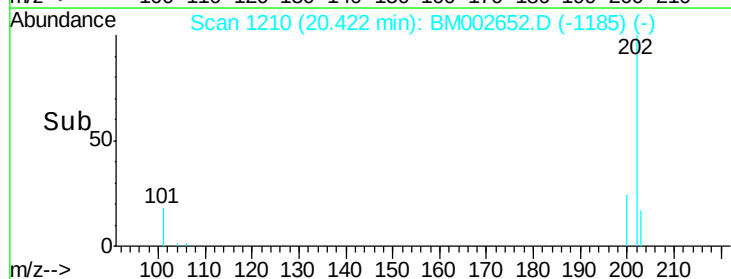
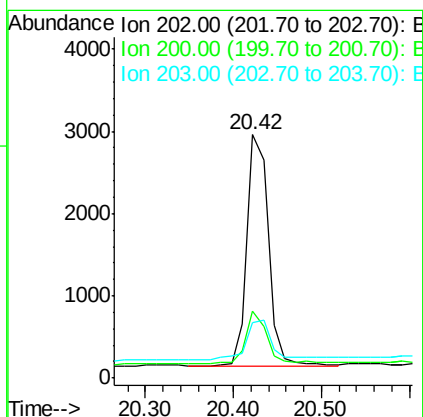
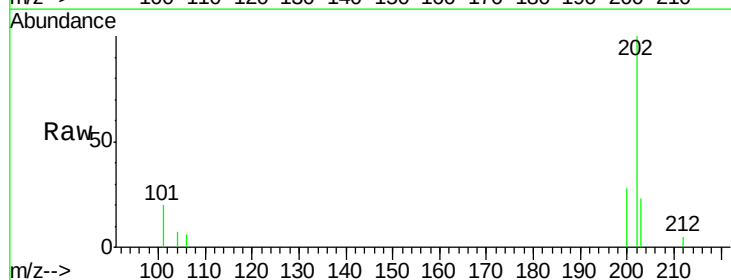
Instrument :
 BNA_M
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 MDL-02-W

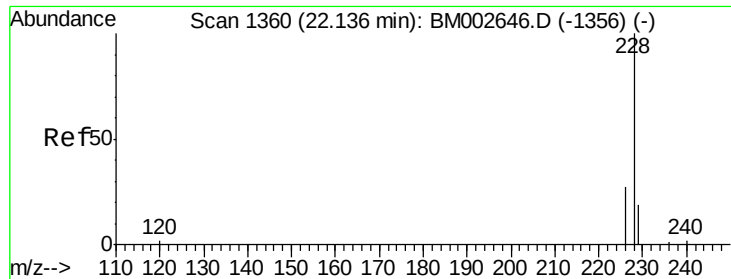
Tot Ion:202 Resp: 4703
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 33.1
 203 22.5 0.0 37.2



#19
Pyrene
 Concen: 0.07 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002652.D
 Acq: 03 Sep 2015 17:37

Tgt Ion:202 Resp: 4772
 Ion Ratio Lower Upper
 202 100
 200 27.6 18.0 27.0#
 203 22.6 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.07 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

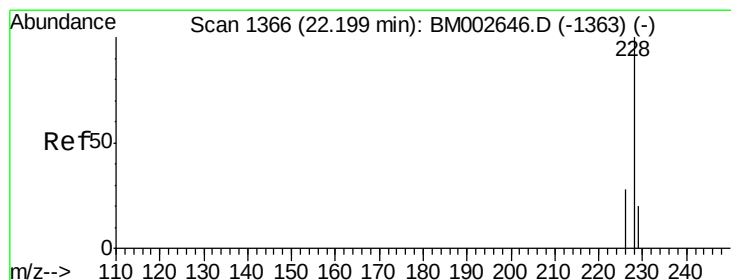
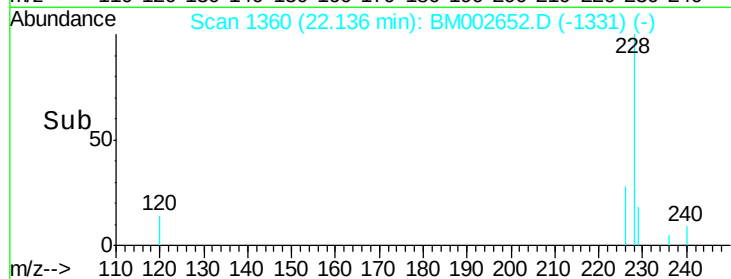
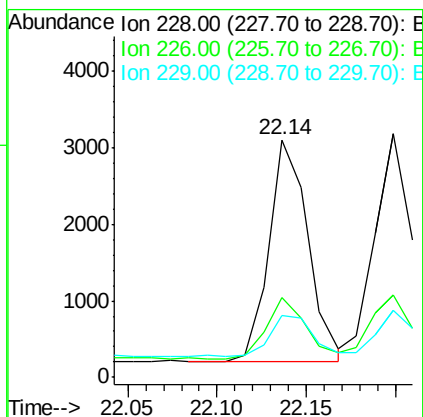
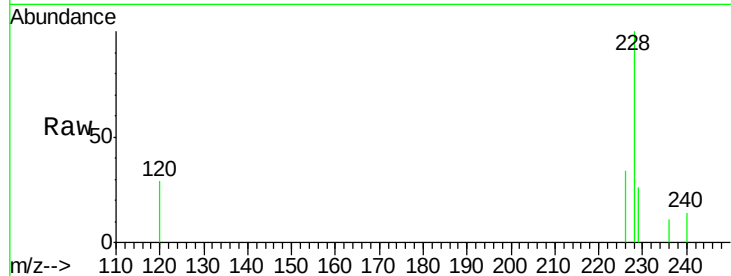
Tot Ion:228 Resp: 4441

Ion Ratio Lower Upper

228 100

226 33.9 23.0 34.4

229 25.8 15.2 22.8#



#21

Chrysene

Concen: 0.07 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

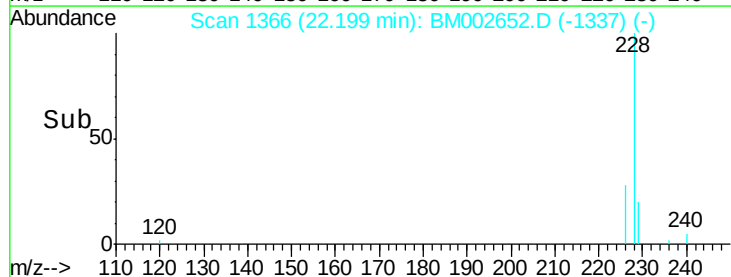
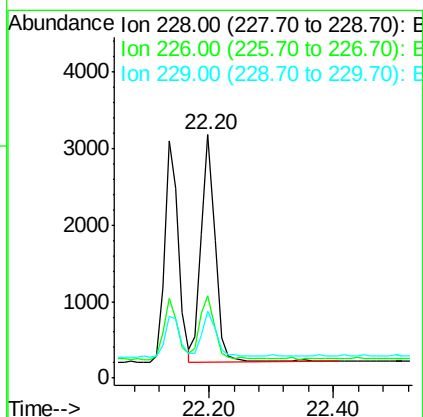
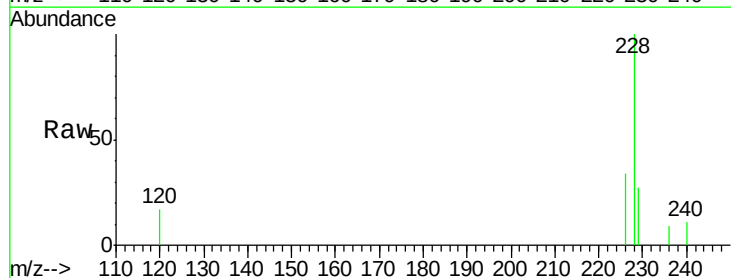
Tgt Ion:228 Resp: 4523

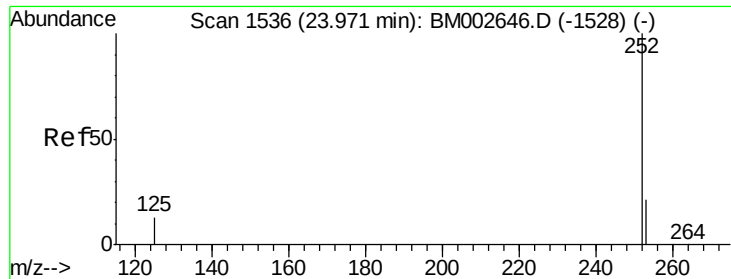
Ion Ratio Lower Upper

228 100

226 34.0 25.7 38.5

229 27.4 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

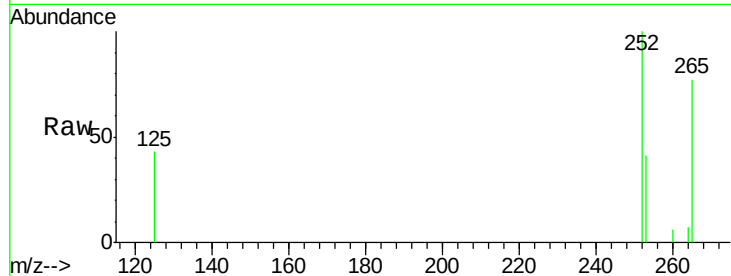
Tot Ion:252 Resp: 4671

Ion Ratio Lower Upper

252 100

253 40.7 0.0 48.0

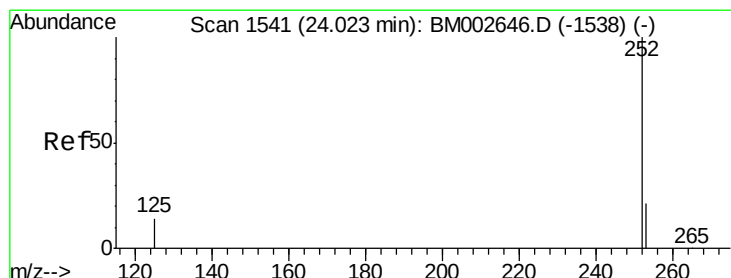
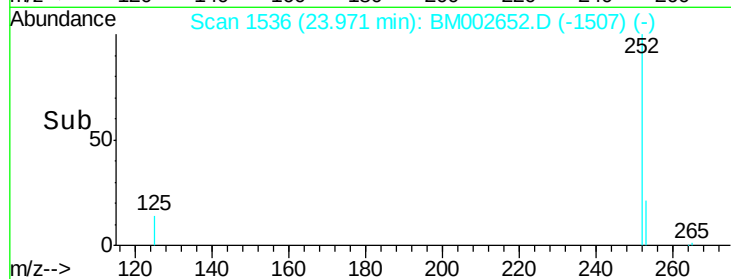
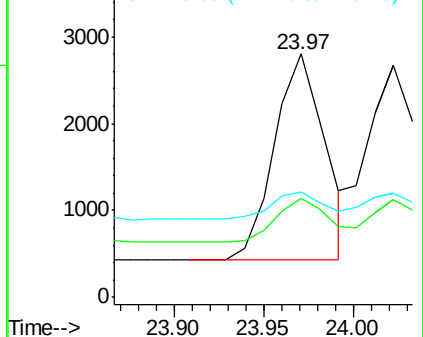
125 43.5 0.0 36.6#



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: 0.07 ng/ul

RT: 24.02 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

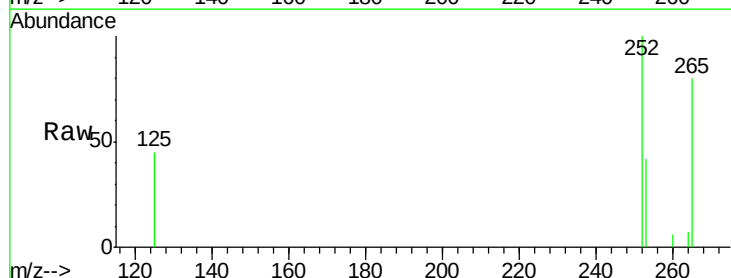
Tgt Ion:252 Resp: 4559

Ion Ratio Lower Upper

252 100

253 42.0 20.8 31.2#

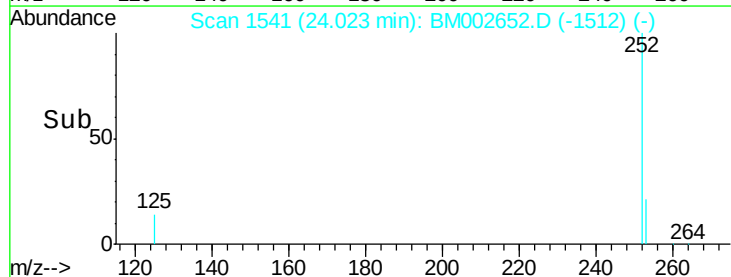
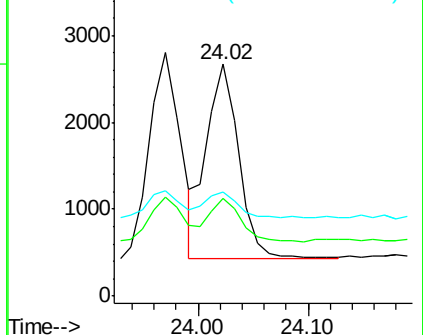
125 45.0 12.2 18.4#

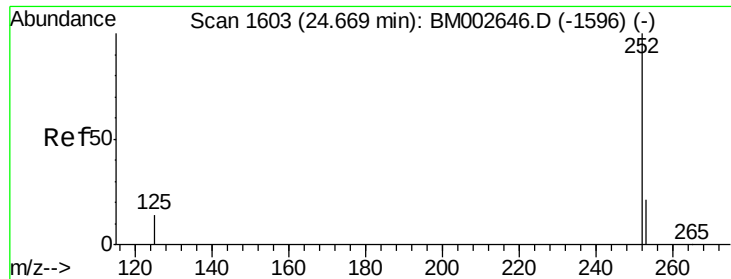


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 24.67 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

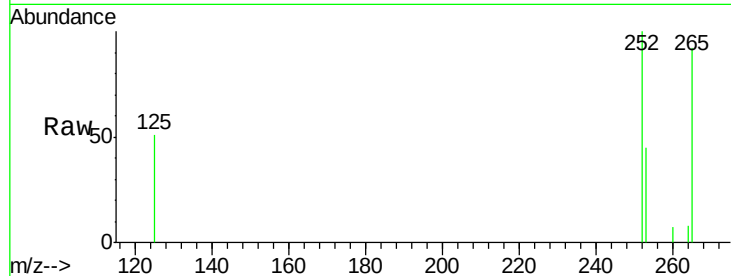
Tot Ion:252 Resp: 4334

Ion Ratio Lower Upper

252 100

253 45.1 21.8 32.8#

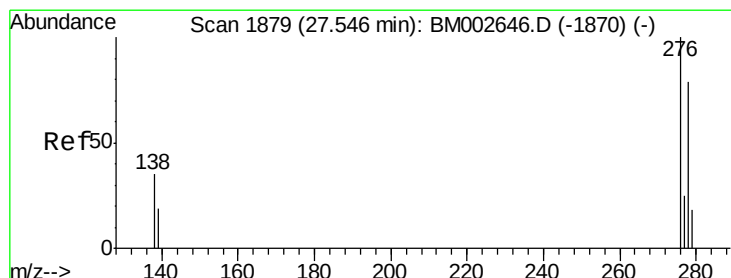
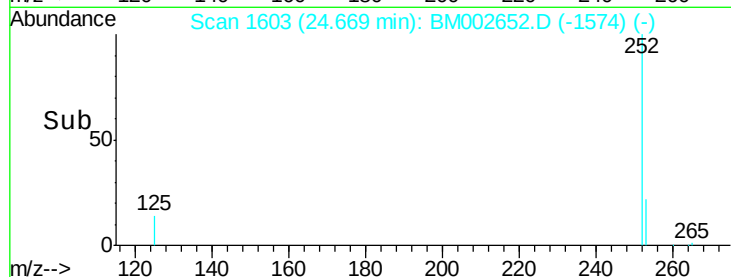
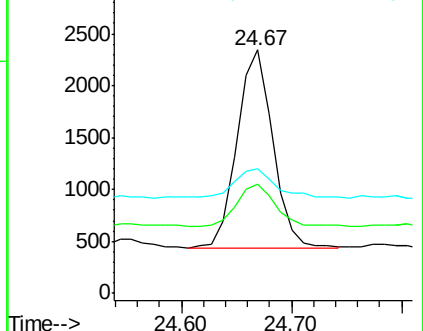
125 51.0 14.5 21.7#



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: 0.07 ng/ul

RT: 27.55 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM002652.D

Acq: 03 Sep 2015 17:37

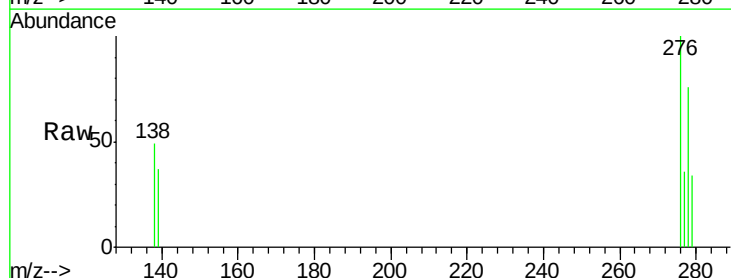
Tgt Ion:276 Resp: 5230

Ion Ratio Lower Upper

276 100

138 36.8 27.5 41.3

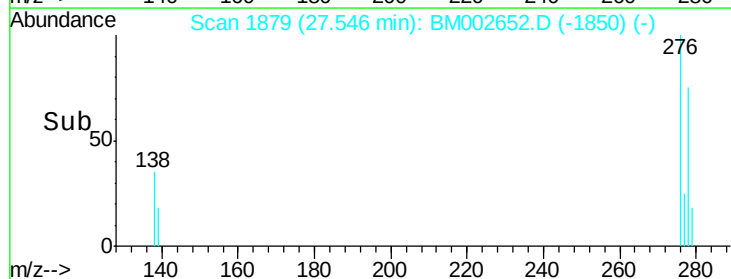
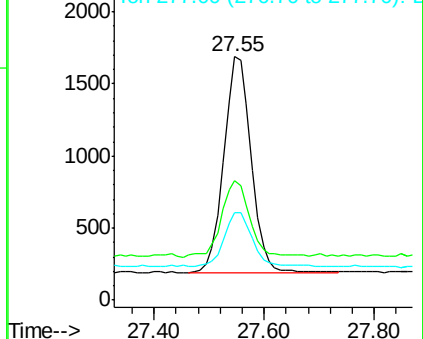
277 25.8 19.3 28.9

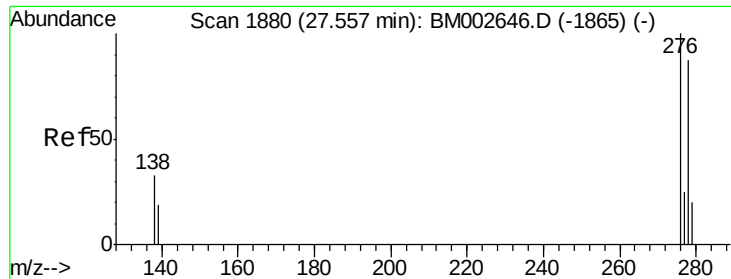


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

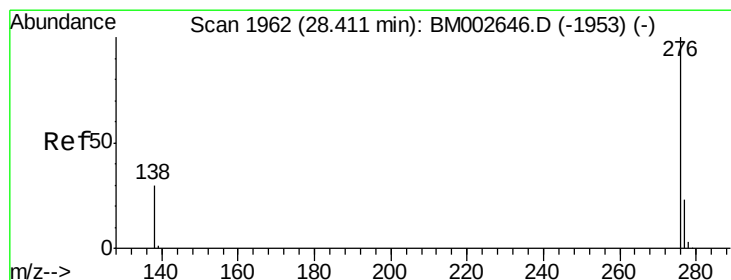
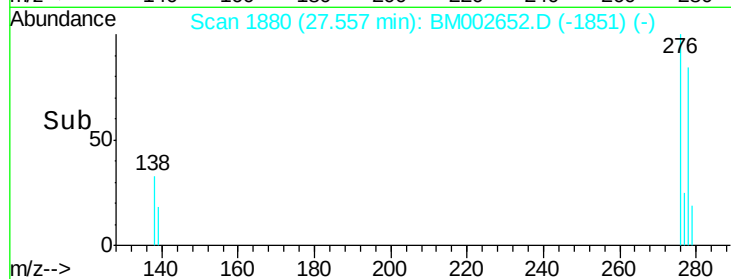
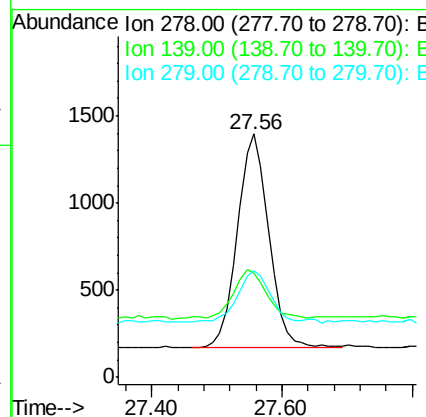
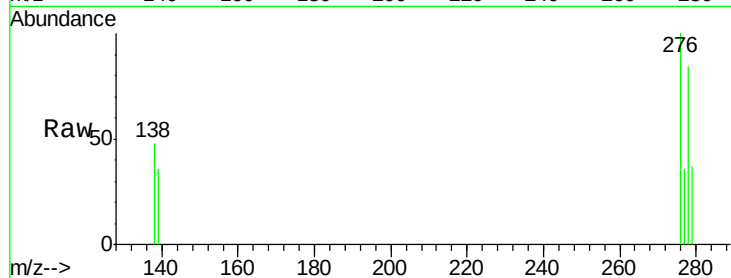




#27
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 27.56 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BM002652.D
Acq: 03 Sep 2015 17:37

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Tot Ion:278 Resp: 4076
Ion Ratio Lower Upper
278 100
139 42.9 21.7 32.5#
279 43.6 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 28.41 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BM002652.D
Acq: 03 Sep 2015 17:37

Tgt Ion:276 Resp: 4366
Ion Ratio Lower Upper
276 100
277 37.7 21.3 31.9#
138 48.8 25.5 38.3#

