

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010715\
 Data File : BM000133.D
 Acq On : 07 Jan 2015 17:38
 Operator : TP/IZ
 Sample : MDL-07-W
 Misc : MDL-WATER-0.07PPM-SIM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Quant Time: Jan 08 03:47:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 02:20:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2794	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9176	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5482	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	10376	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	8708	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	7955	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	4714	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8362	0.38	ng/ul	0.00

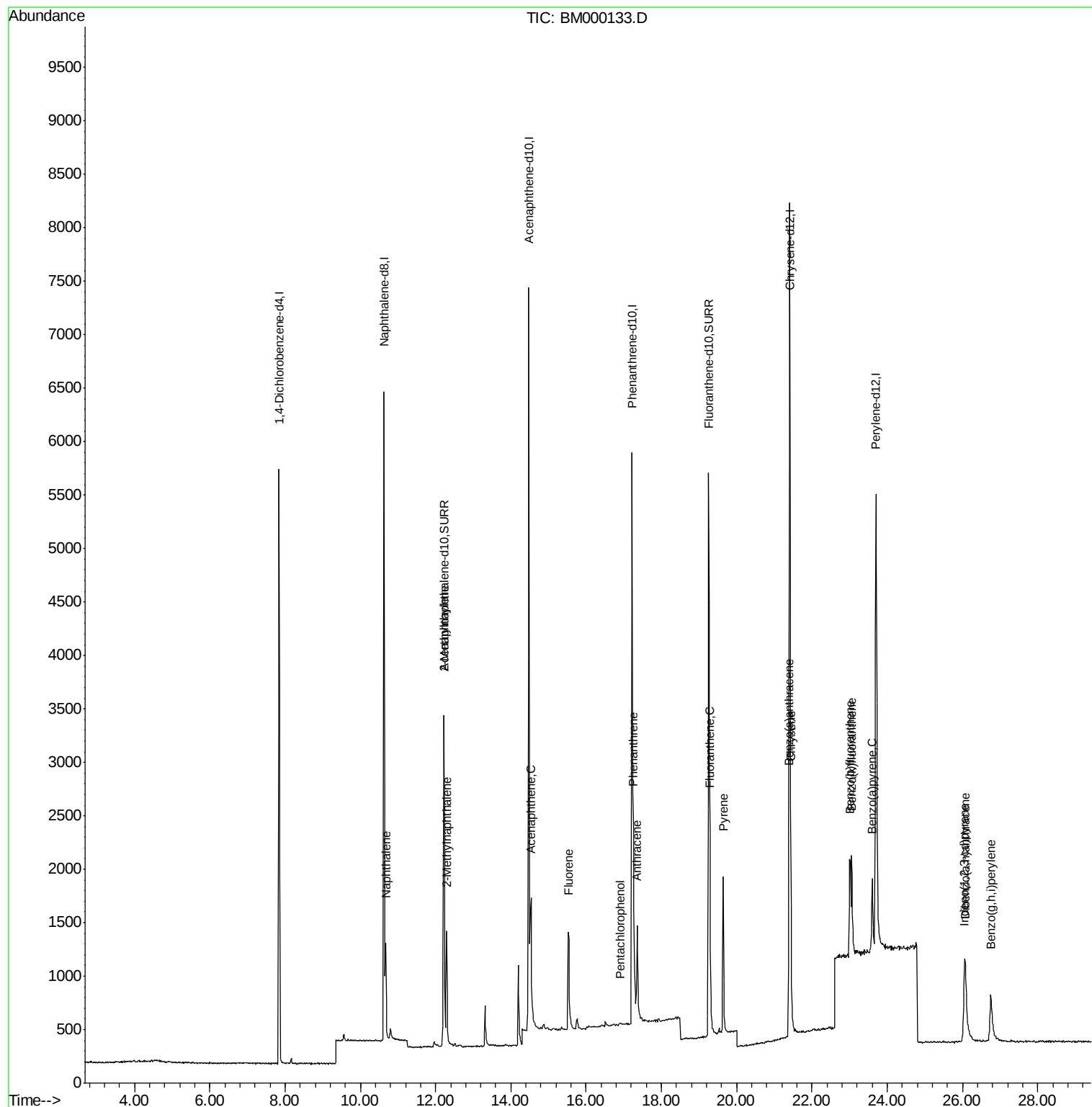
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	1377	0.06	ng/ul#	87
5) 2-Methylnaphthalene	12.30	142	868	0.05	ng/ul	96
7) Acenaphthylene	12.22	152	4714	0.39	ng/ul	98
8) Acenaphthene	14.54	153	937	0.06	ng/ul	96
9) Fluorene	15.54	166	1058	0.05	ng/ul#	95
11) Pentachlorophenol	16.90	266	44	0.03	ng/ul#	82
12) Phenanthrene	17.26	178	1694	0.05	ng/ul#	83
13) Anthracene	17.35	178	1645	0.05	ng/ul#	77
15) Fluoranthene	19.28	202	2030	0.06	ng/ul	91
17) Pyrene	19.65	202	2037	0.06	ng/ul#	93
18) Benzo(a)anthracene	21.39	228	1554	0.05	ng/ul	91
19) Chrysene	21.44	228	1764	0.06	ng/ul	95
21) Benzo(b)fluoranthene	23.00	252	1665	0.05	ng/ul#	63
22) Benzo(k)fluoranthene	23.05	252	1694	0.06	ng/ul#	64
23) Benzo(a)pyrene	23.61	252	1534	0.05	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	26.05	276	1778	0.05	ng/ul	97
25) Dibenzo(a,h)anthracene	26.08	278	1346	0.05	ng/ul#	54
26) Benzo(g,h,i)perylene	26.75	276	1541	0.05	ng/ul#	71

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 08 03:47:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 02:20:43 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.06 ng/ul

RT: 10.68 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

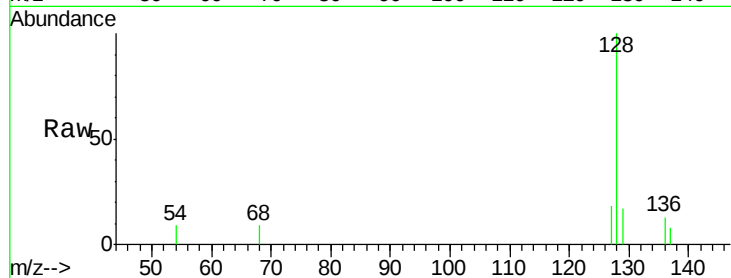
Tgt Ion:128 Resp: 1377

Ion Ratio Lower Upper

128 100

129 17.4 9.5 14.3#

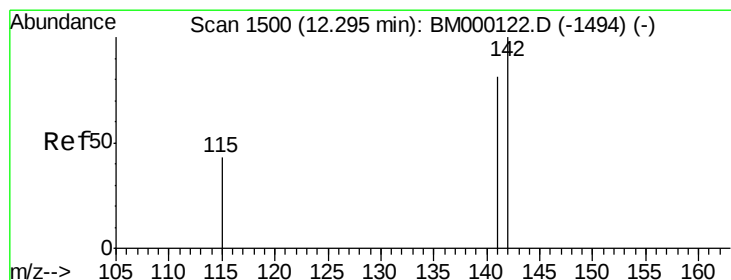
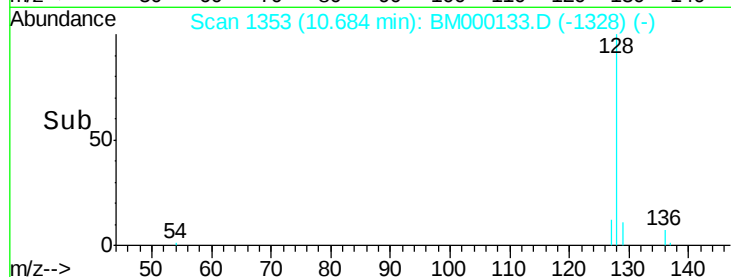
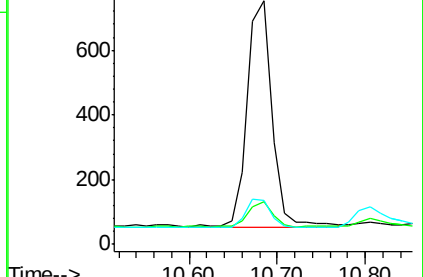
127 17.9 10.4 15.6#



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: 0.05 ng/ul

RT: 12.30 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BM000133.D

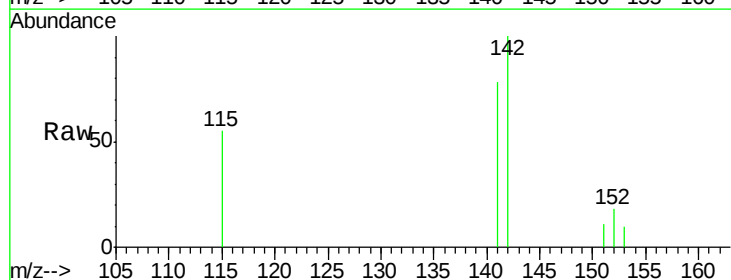
Acq: 07 Jan 2015 17:38

Tgt Ion:142 Resp: 868

Ion Ratio Lower Upper

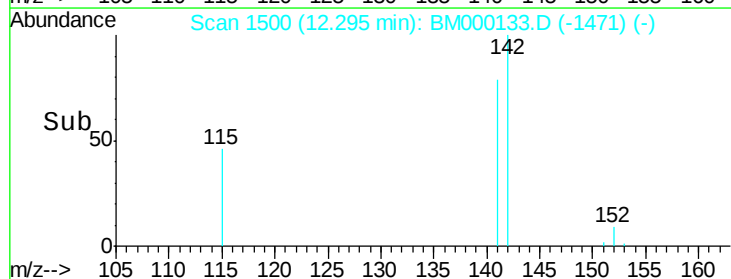
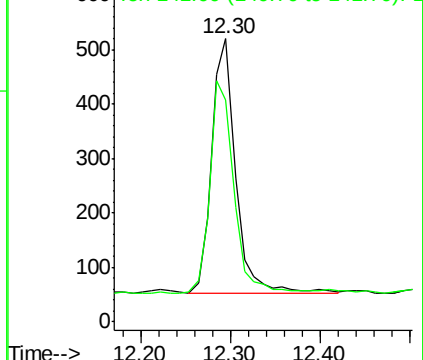
142 100

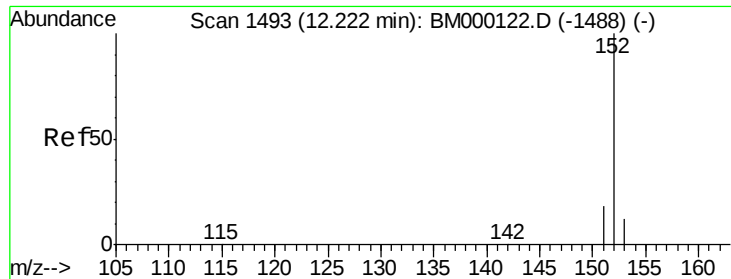
141 82.8 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 12.22 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

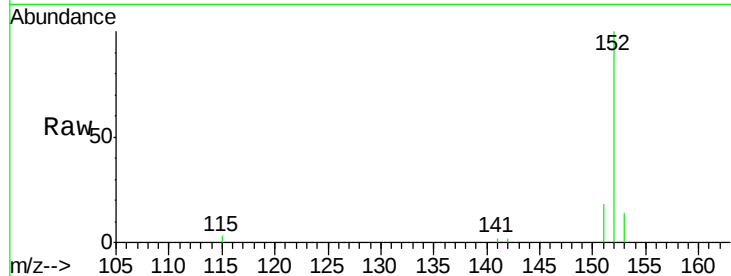
Tgt Ion:152 Resp: 4714

Ion Ratio Lower Upper

152 100

151 18.2 15.4 23.2

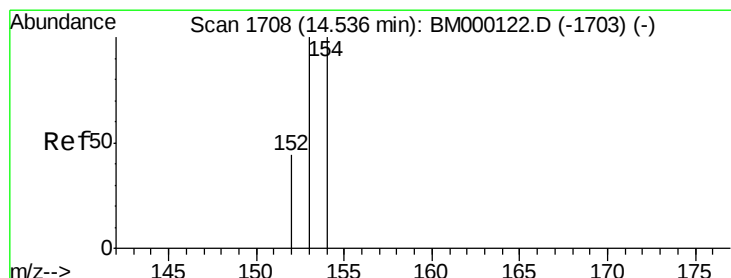
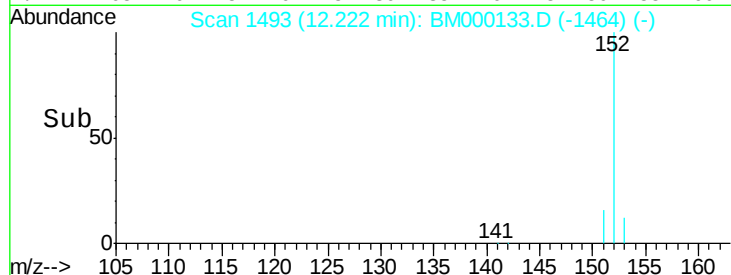
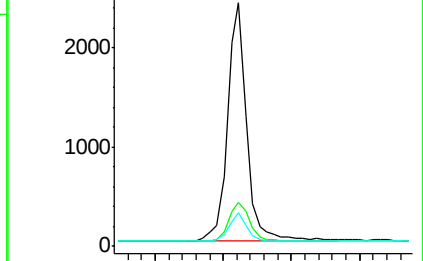
153 14.0 11.0 16.4



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: 0.06 ng/ul

RT: 14.54 min Scan# 1708

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

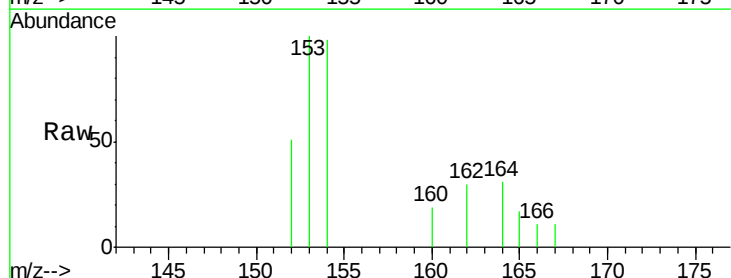
Tgt Ion:153 Resp: 937

Ion Ratio Lower Upper

153 100

152 50.9 35.8 53.6

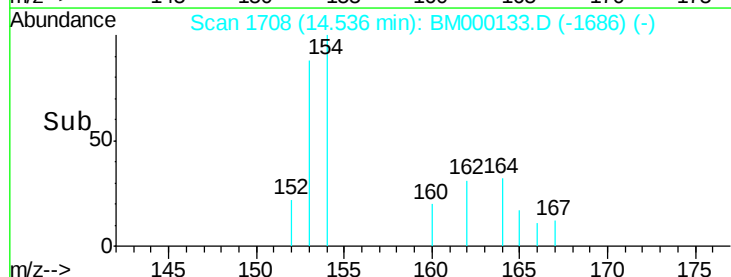
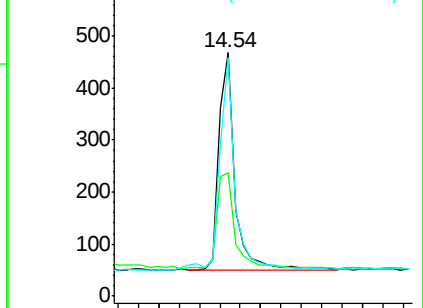
154 97.9 79.9 119.9



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: 0.05 ng/ul

RT: 15.54 min Scan# 1773

Delta R.T. 0.02 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

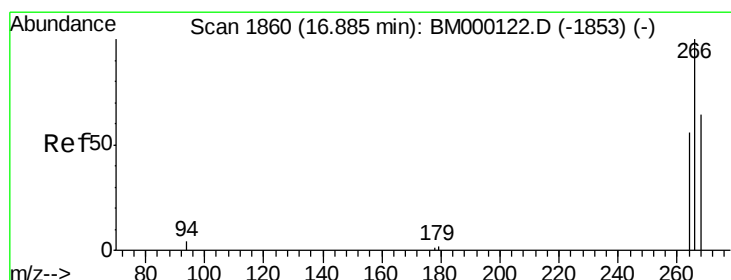
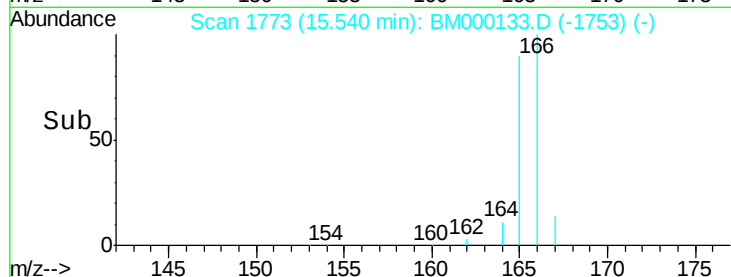
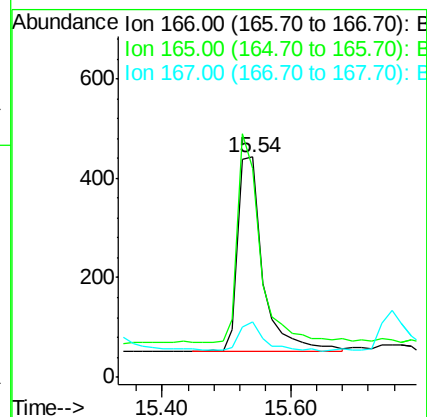
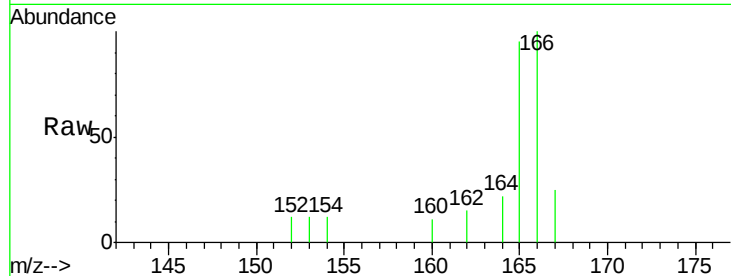
Tgt Ion:166 Resp: 1058

Ion Ratio Lower Upper

166 100

165 94.8 77.0 115.4

167 24.8 11.0 16.6#



#11

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 16.90 min Scan# 1861

Delta R.T. 0.02 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

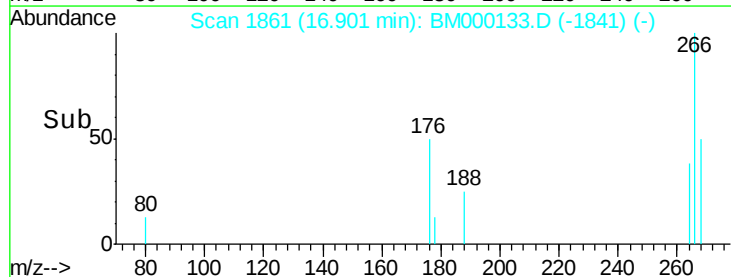
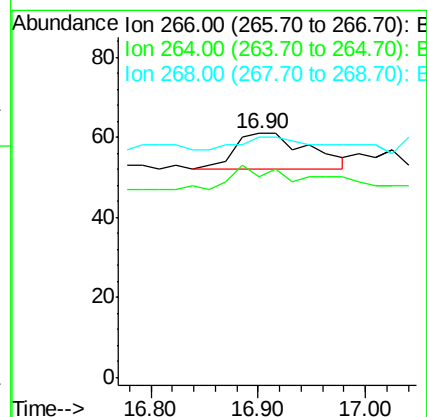
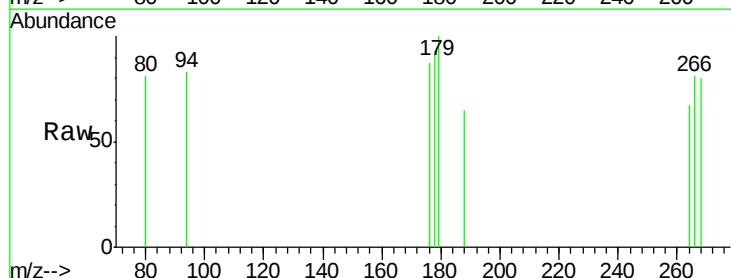
Tgt Ion:266 Resp: 44

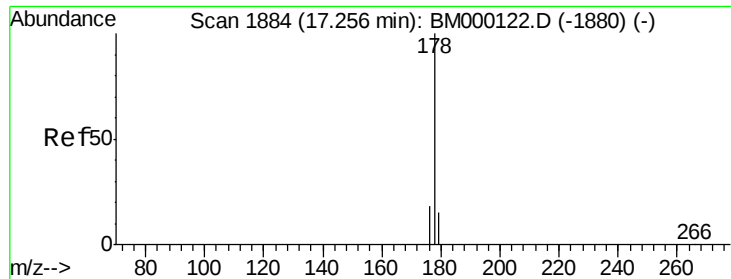
Ion Ratio Lower Upper

266 100

264 75.0 53.9 80.9

268 40.9 49.2 73.8#





#12

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

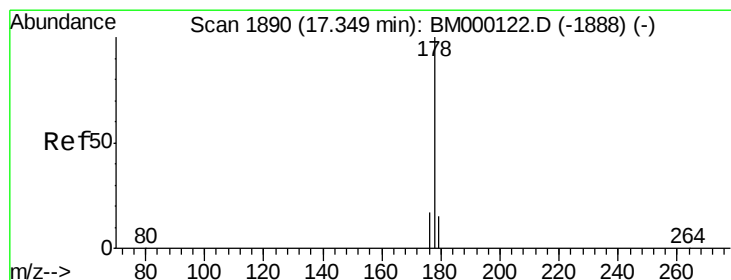
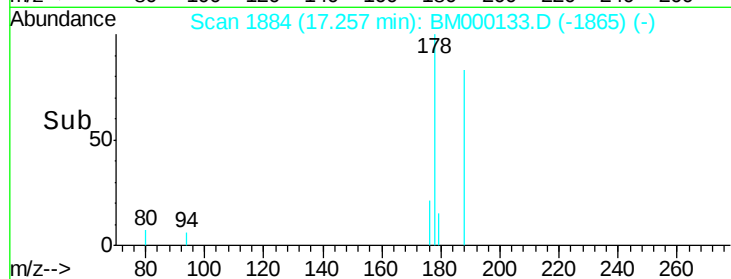
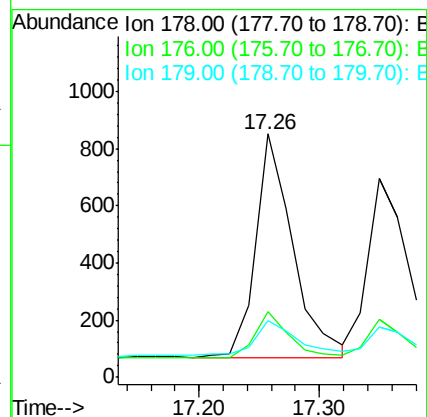
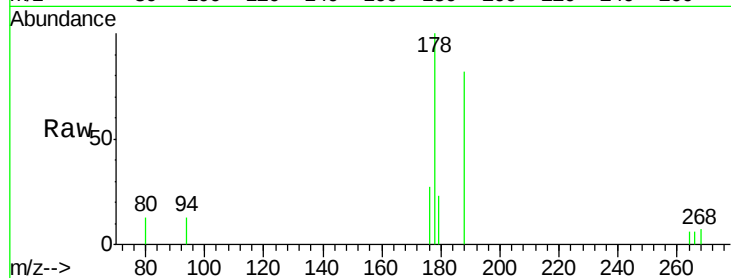
Tgt Ion:178 Resp: 1694

Ion Ratio Lower Upper

178 100

176 27.1 15.1 22.7#

179 23.0 13.0 19.4#



#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

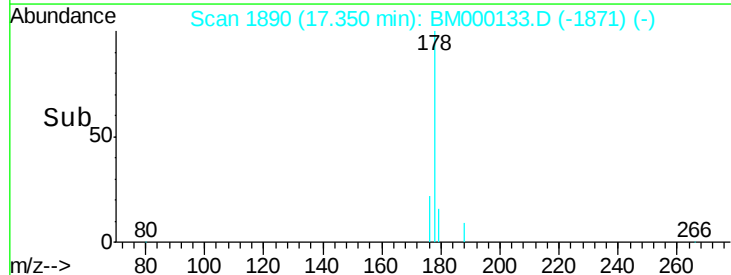
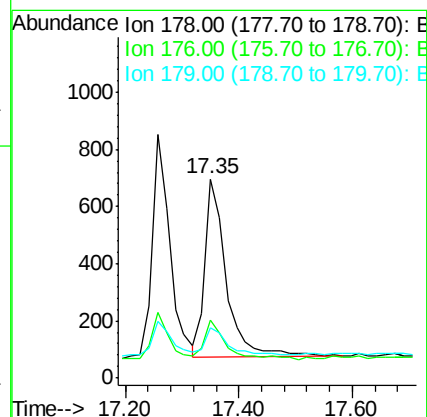
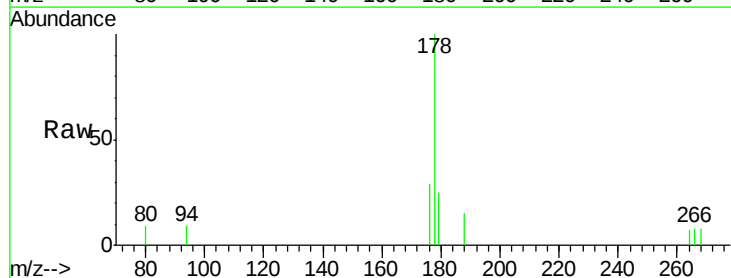
Tgt Ion:178 Resp: 1645

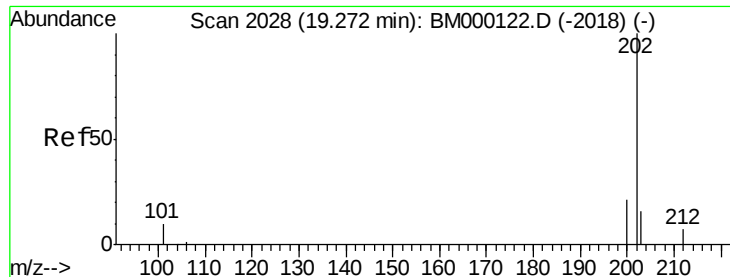
Ion Ratio Lower Upper

178 100

176 29.2 14.6 21.8#

179 25.3 13.1 19.7#

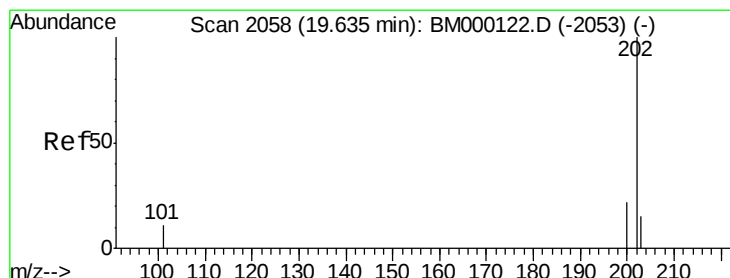
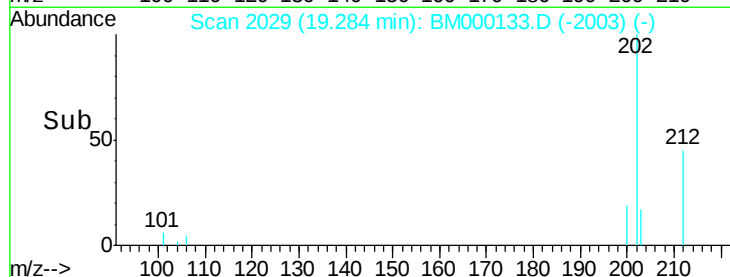
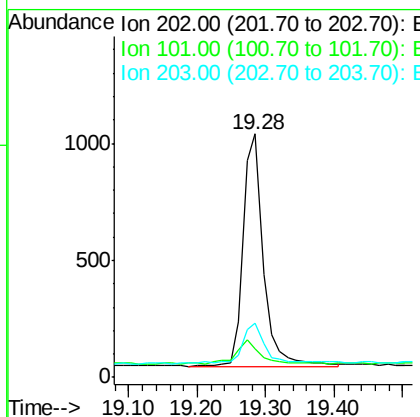
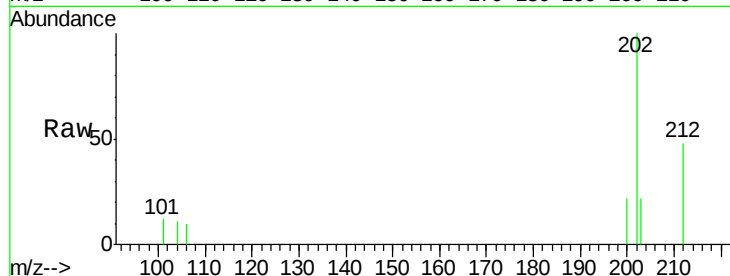




#15
Fluoranthene
 Concen: 0.06 ng/ul
 RT: 19.28 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BM000133.D
 Acq: 07 Jan 2015 17:38

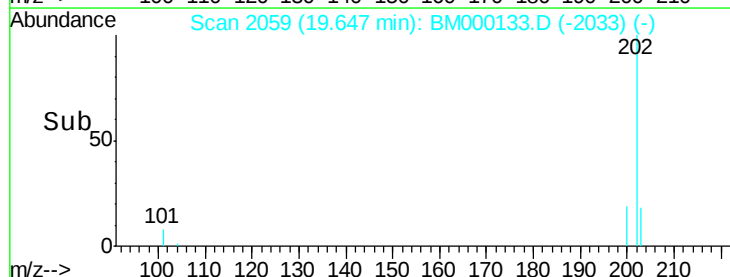
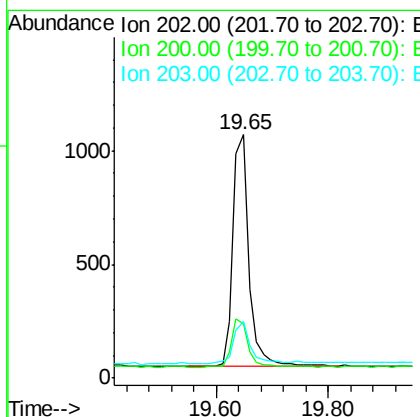
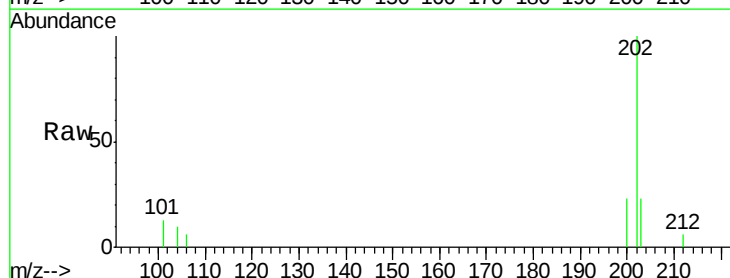
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Tgt Ion:202 Resp: 2030
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.5
 203 22.2 0.0 36.6



#17
Pyrene
 Concen: 0.06 ng/ul
 RT: 19.65 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM000133.D
 Acq: 07 Jan 2015 17:38

Tgt Ion:202 Resp: 2037
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.9 26.9
 203 23.2 12.8 19.2#





#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.39 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

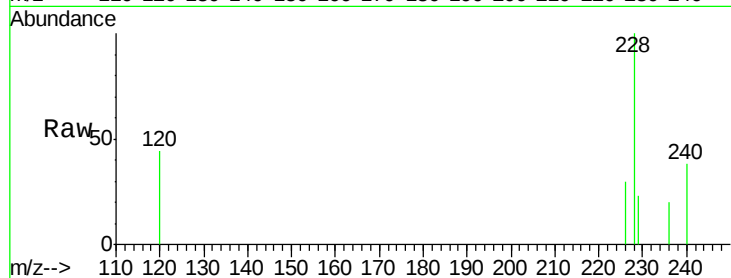
Tgt Ion:228 Resp: 1554

Ion Ratio Lower Upper

228 100

226 30.4 20.8 31.2

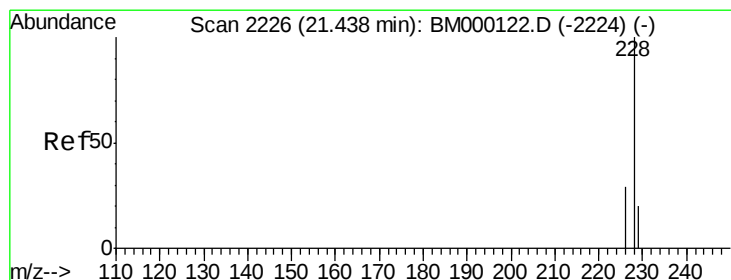
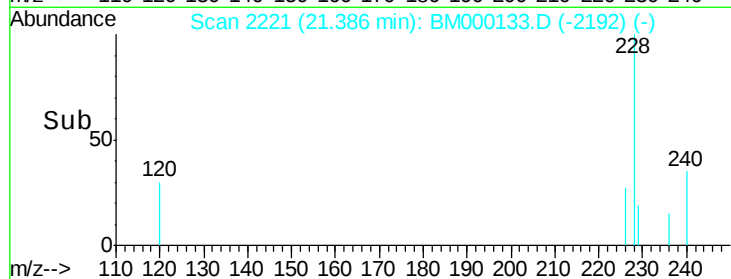
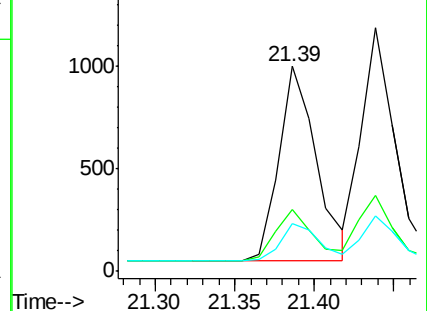
229 23.2 15.5 23.3



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: 0.06 ng/ul

RT: 21.44 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

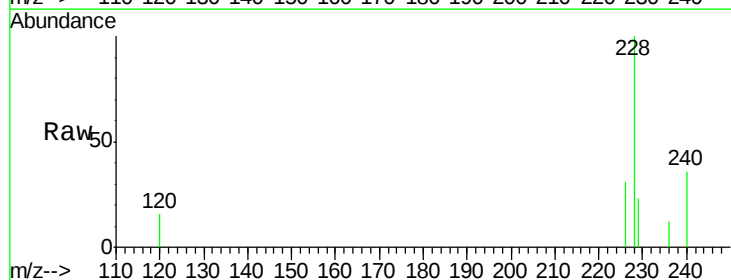
Tgt Ion:228 Resp: 1764

Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.6

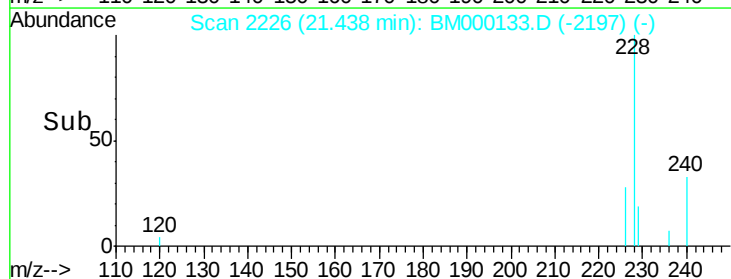
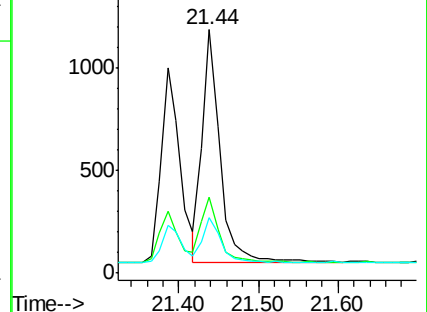
229 22.8 15.8 23.8

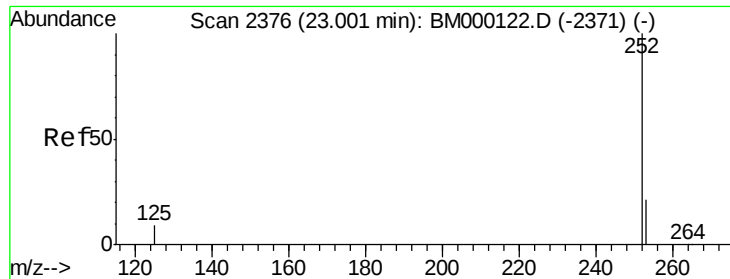


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.05 ng/u1

RT: 23.00 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

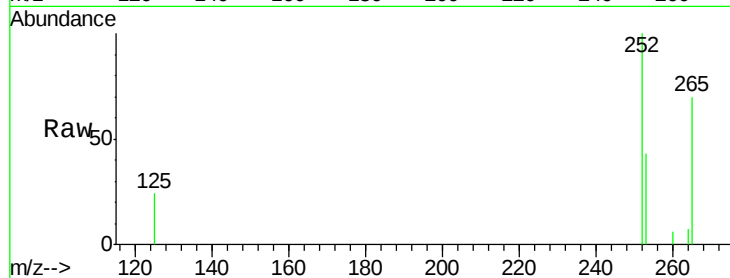
Tgt Ion:252 Resp: 1665

Ion Ratio Lower Upper

252 100

253 42.9 0.0 48.2

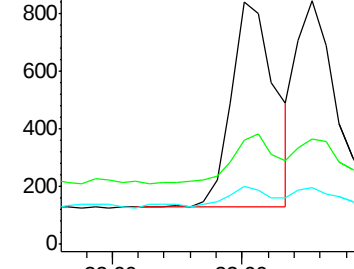
125 23.8 0.0 21.6#



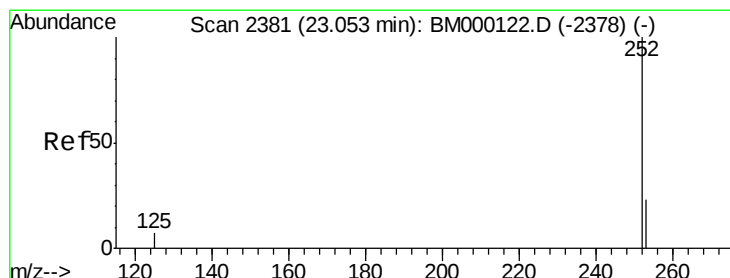
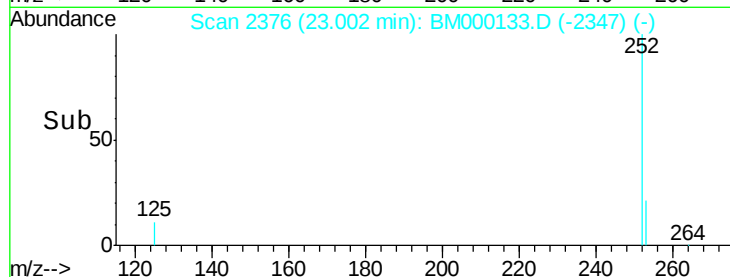
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.06 ng/u1

RT: 23.05 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

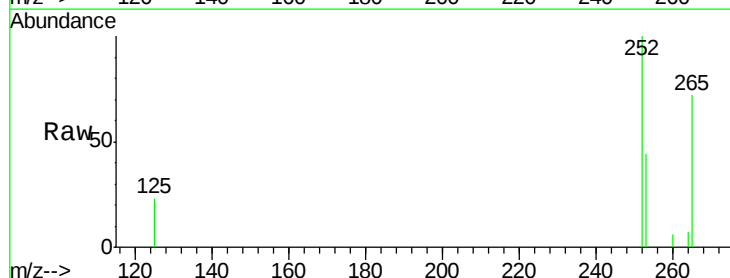
Tgt Ion:252 Resp: 1694

Ion Ratio Lower Upper

252 100

253 43.5 20.5 30.7#

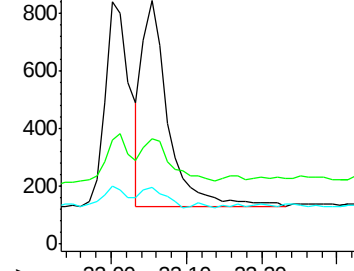
125 23.5 7.8 11.8#



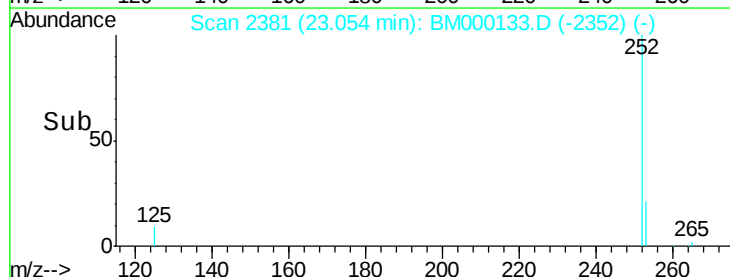
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

Instrument :

BNA_M

ClientSampleId :

MDL-07-W

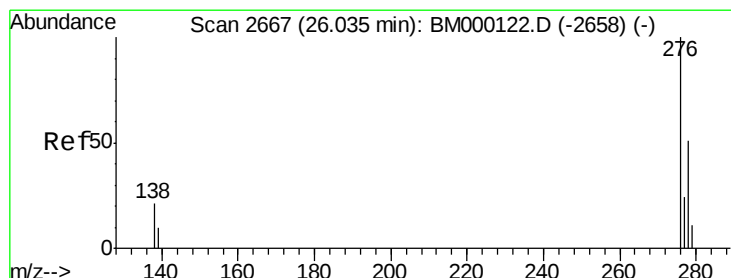
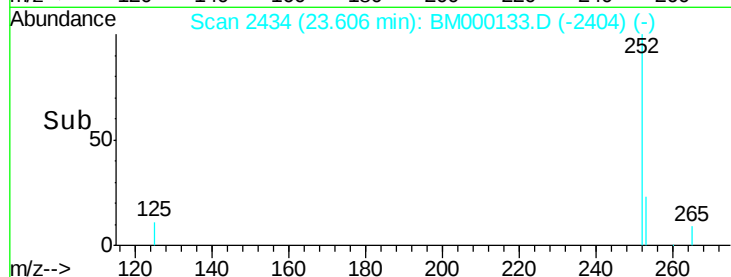
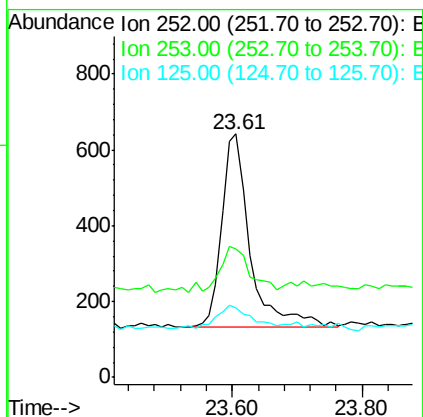
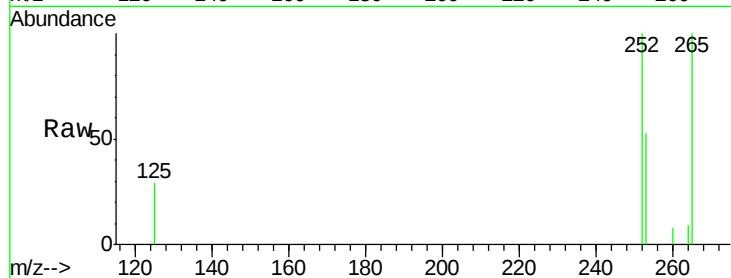
Tgt Ion: 252 Resp: 1534

Ion Ratio Lower Upper

252 100

253 52.6 19.8 29.6#

125 28.7 9.2 13.8#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.05 ng/ul

RT: 26.05 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BM000133.D

Acq: 07 Jan 2015 17:38

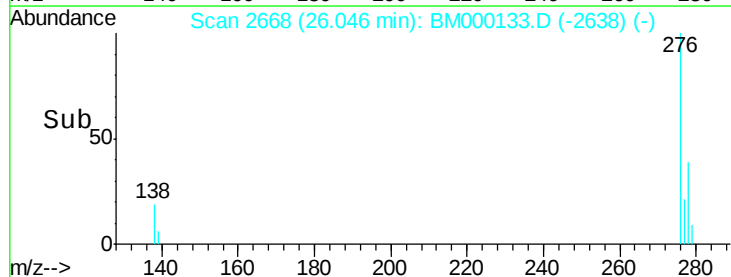
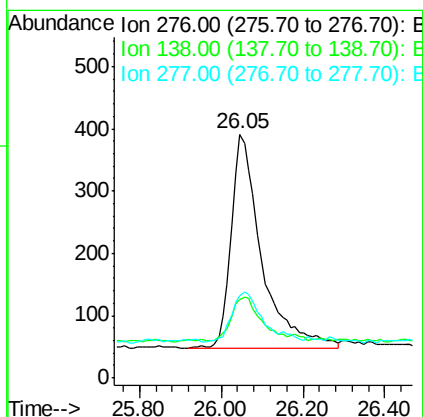
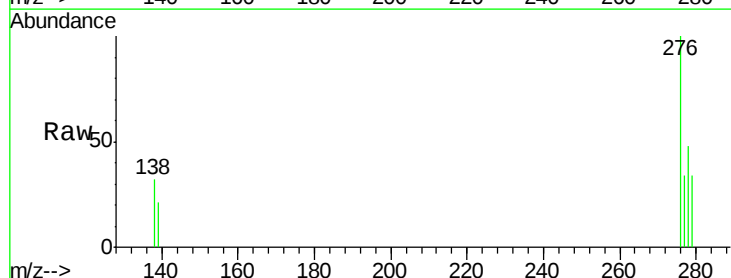
Tgt Ion: 276 Resp: 1778

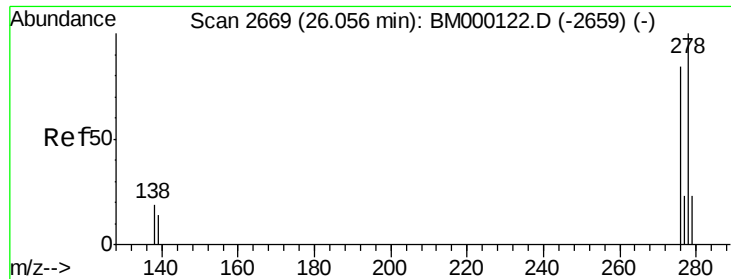
Ion Ratio Lower Upper

276 100

138 19.9 17.6 26.4

277 24.4 19.9 29.9

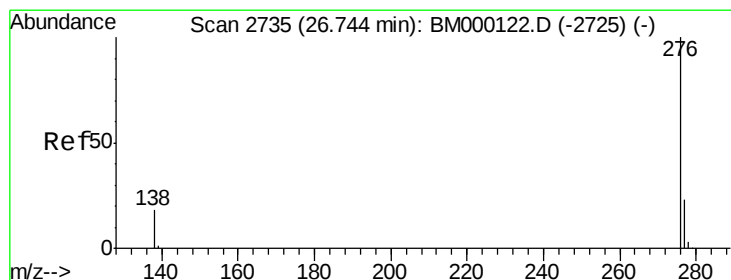
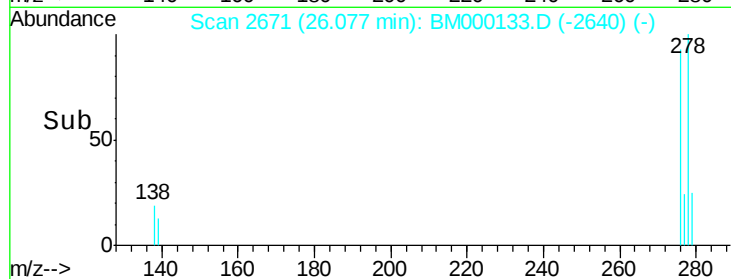
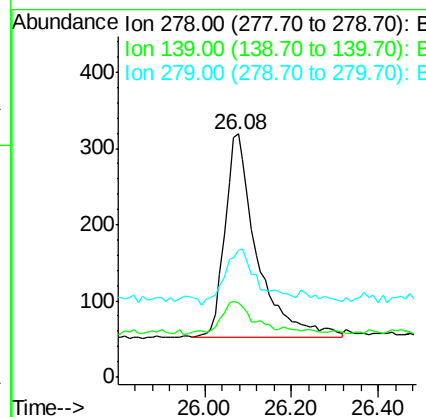
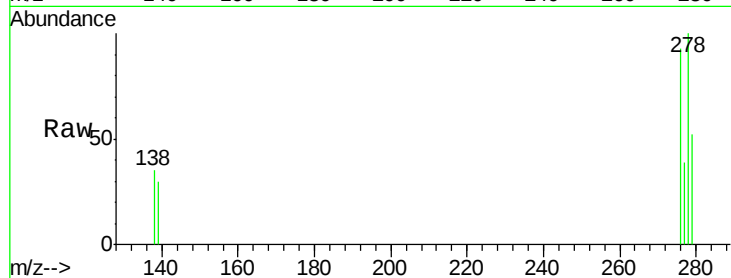




#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.08 min Scan# 2671
Delta R.T. 0.02 min
Lab File: BM000133.D
Acq: 07 Jan 2015 17:38

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Tgt Ion: 278 Resp: 1346
Ion Ratio Lower Upper
278 100
139 30.4 12.6 18.8#
279 52.4 20.6 30.8#



#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.75 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BM000133.D
Acq: 07 Jan 2015 17:38

Tgt Ion: 276 Resp: 1541
Ion Ratio Lower Upper
276 100
277 37.4 20.0 30.0#
138 34.9 15.7 23.5#

