

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
 Data File : BM000155.D
 Acq On : 08 Jan 2015 23:14
 Operator : TP/IZ
 Sample : MDL-03-S
 Misc : MDL-SOIL-0.15PPM-SIM
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 09 01:02:59 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 10:41:47 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2491	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	8035	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4930	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	9277	0.40	ng/ul	0.02
16) Chrysene-d12	21.40	240	7980	0.40	ng/ul	-0.01
20) Perylene-d12	23.69	264	7338	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.22	152	3735	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	6030	0.30	ng/ul	0.00

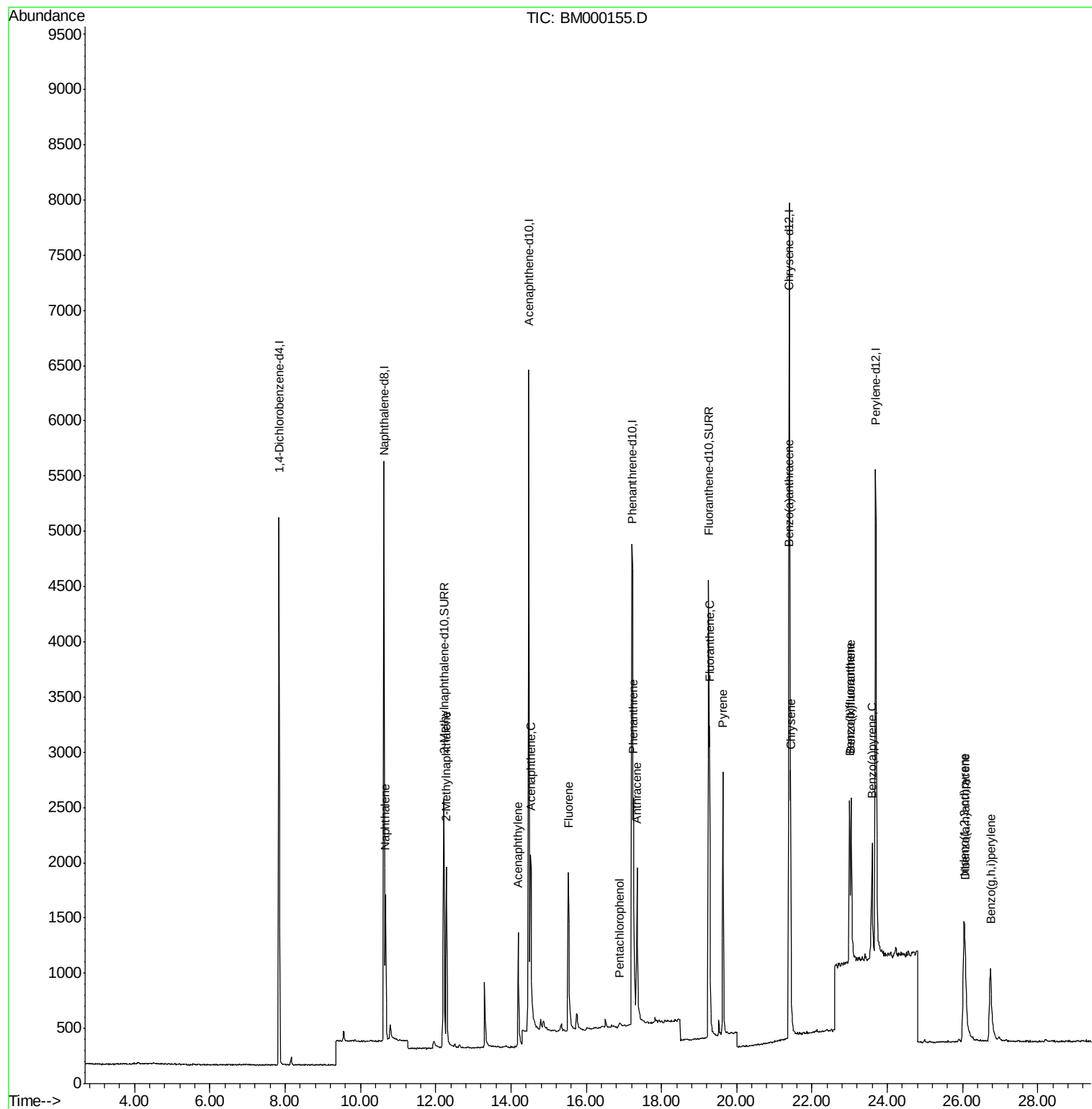
Target Compounds

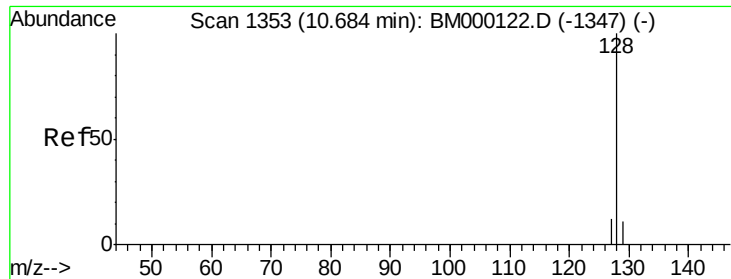
						Qvalue
3) Naphthalene	10.67	128	1879	0.09	ng/ul#	91
5) 2-Methylnaphthalene	12.28	142	1228	0.09	ng/ul	99
7) Acenaphthylene	14.20	152	1833	0.07	ng/ul#	91
8) Acenaphthene	14.52	153	1326	0.09	ng/ul#	80
9) Fluorene	15.52	166	1453	0.08	ng/ul#	93
11) Pentachlorophenol	16.88	266	108	0.07	ng/ul#	70
12) Phenanthrene	17.26	178	2310	0.08	ng/ul#	91
13) Anthracene	17.35	178	2203	0.08	ng/ul#	87
15) Fluoranthene	19.27	202	2726	0.09	ng/ul	94
17) Pyrene	19.63	202	2748	0.08	ng/ul	94
18) Benzo(a)anthracene	21.39	228	2115	0.08	ng/ul#	94
19) Chrysene	21.44	228	2412	0.08	ng/ul	96
21) Benzo(b)fluoranthene	23.00	252	2356	0.08	ng/ul	76
22) Benzo(k)fluoranthene	23.04	252	2272	0.08	ng/ul#	78
23) Benzo(a)pyrene	23.60	252	2212	0.08	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	26.03	276	2452	0.08	ng/ul	97
25) Dibenzo(a,h)anthracene	26.06	278	1919	0.08	ng/ul#	71
26) Benzo(g,h,i)perylene	26.74	276	2227	0.08	ng/ul#	84

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
Data File : BM000155.D
Acq On : 08 Jan 2015 23:14
Operator : TP/IZ
Sample : MDL-03-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 09 01:02:59 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 10:41:47 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.09 ng/ul

RT: 10.67 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

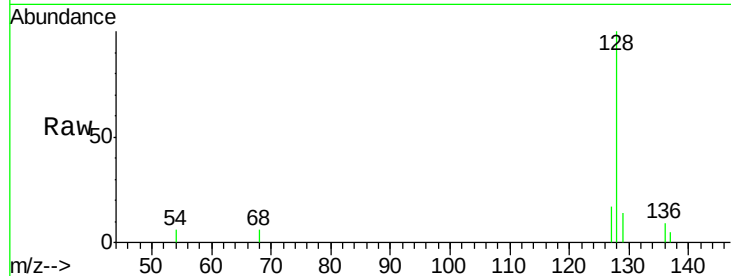
Tgt Ion:128 Resp: 1879

Ion Ratio Lower Upper

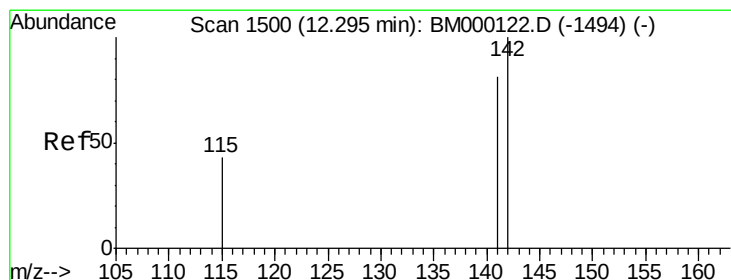
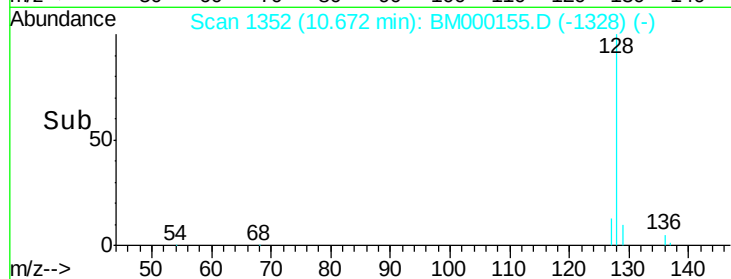
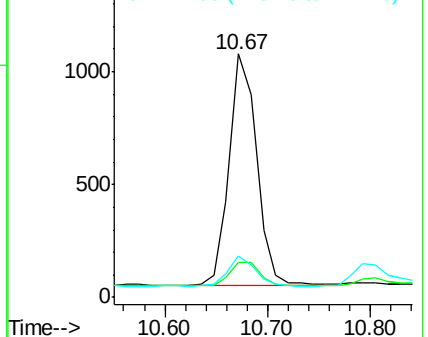
128 100

129 14.4 9.5 14.3#

127 17.2 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: 0.09 ng/ul

RT: 12.28 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM000155.D

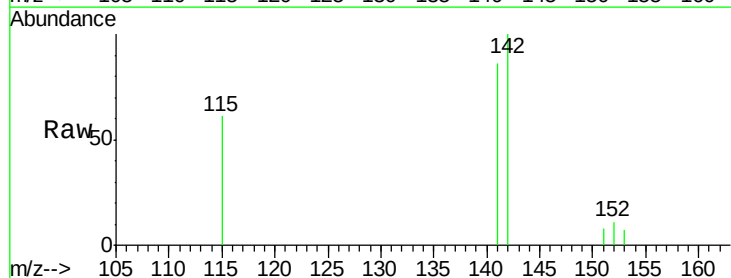
Acq: 08 Jan 2015 23:14

Tgt Ion:142 Resp: 1228

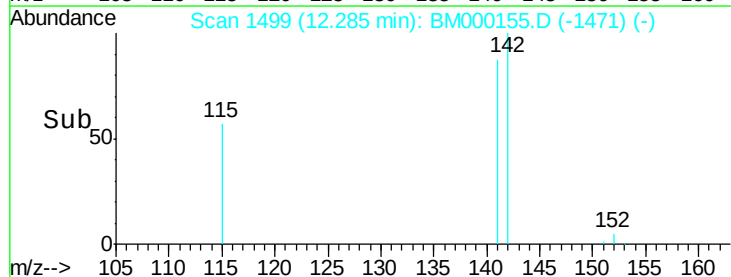
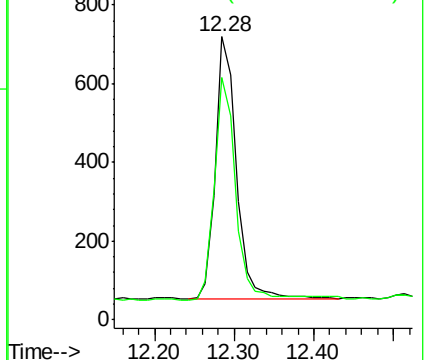
Ion Ratio Lower Upper

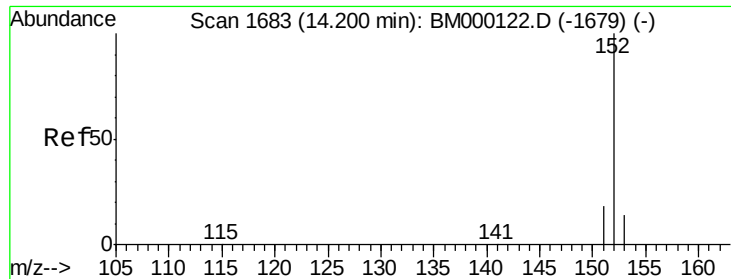
142 100

141 85.3 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: 0.07 ng/ul

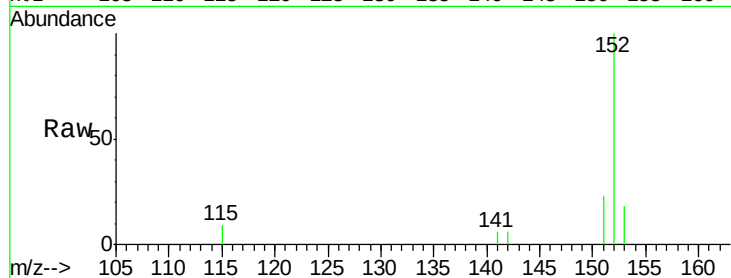
RT: 14.20 min Scan# 1683

Delta R.T. -0.00 min

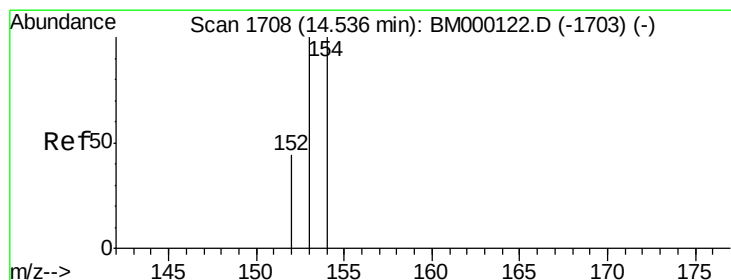
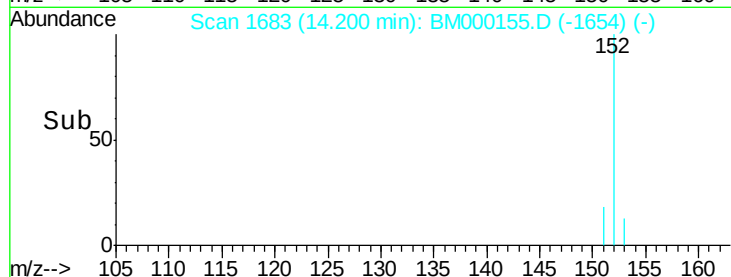
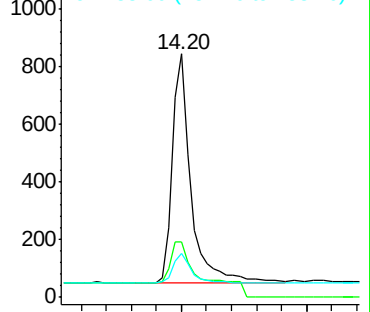
Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

Tgt Ion:	152	Resp:	1833
Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.4	23.2
153	18.0	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: 0.09 ng/ul

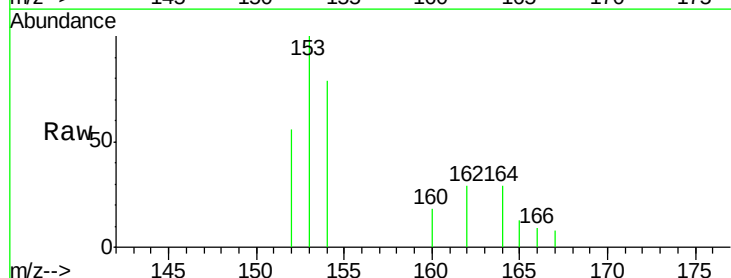
RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

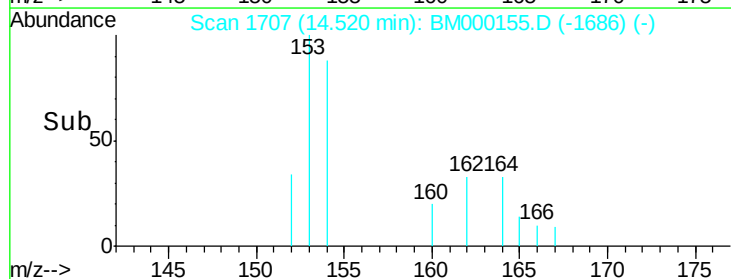
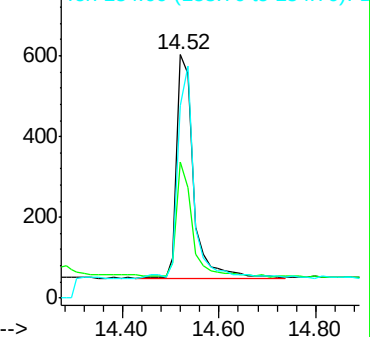
Lab File: BM000155.D

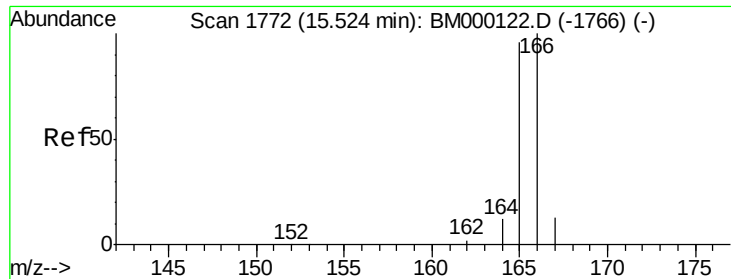
Acq: 08 Jan 2015 23:14

Tgt Ion:	153	Resp:	1326
Ion	Ratio	Lower	Upper
153	100		
152	56.1	35.8	53.6#
154	79.3	79.9	119.9#



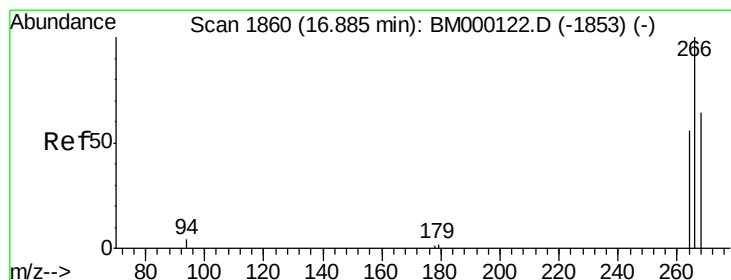
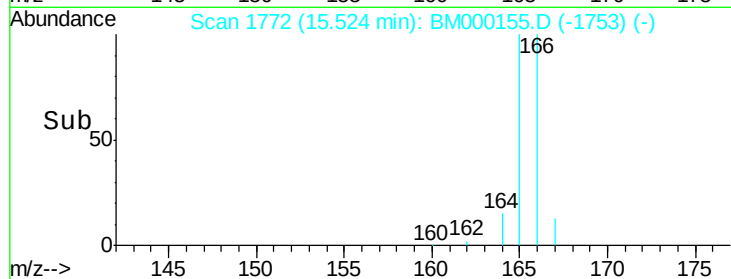
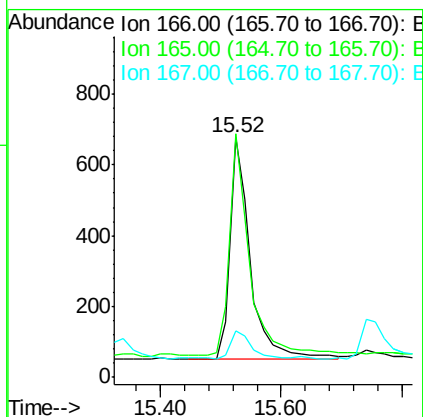
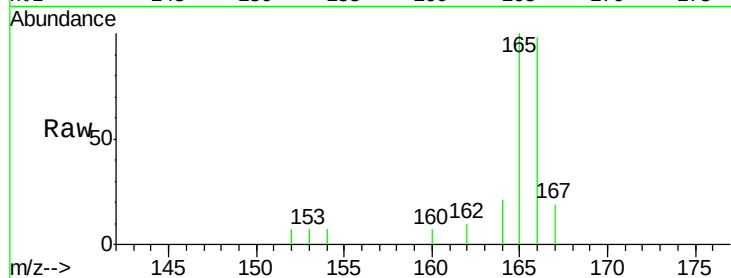
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





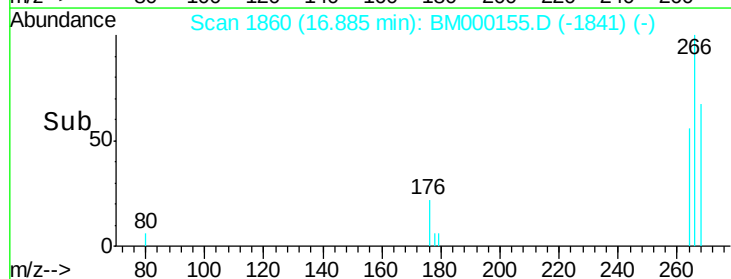
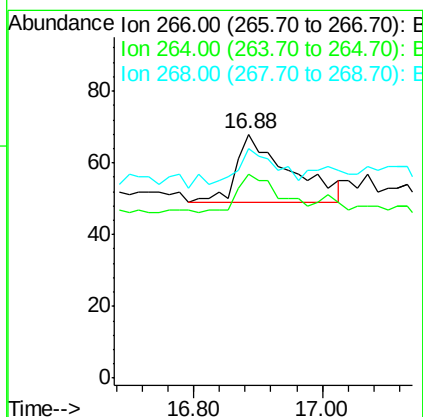
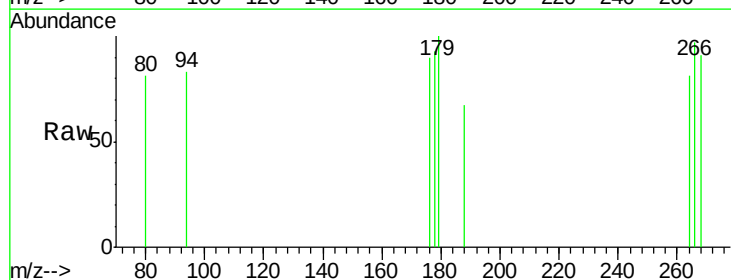
#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BM000155.D
 Acq: 08 Jan 2015 23:14

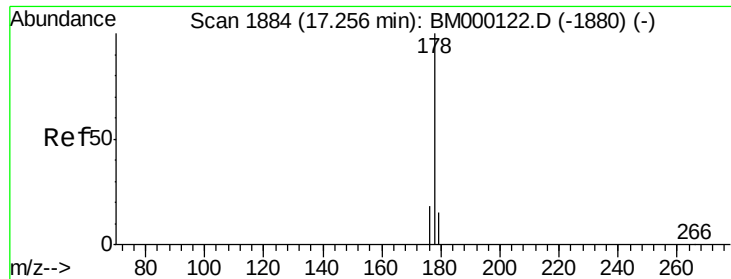
Tgt Ion:166 Resp: 1453
 Ion Ratio Lower Upper
 166 100
 165 101.8 77.0 115.4
 167 19.4 11.0 16.6#



#11
Pentachlorophenol
 Concen: 0.07 ng/ul
 RT: 16.88 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BM000155.D
 Acq: 08 Jan 2015 23:14

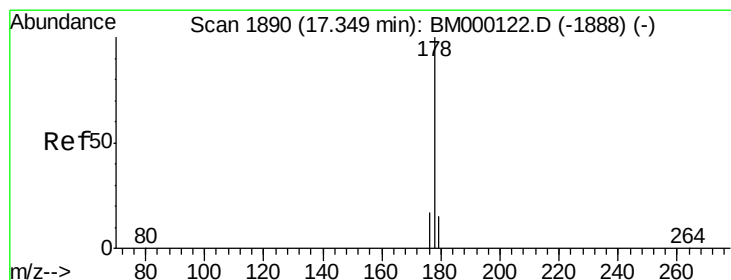
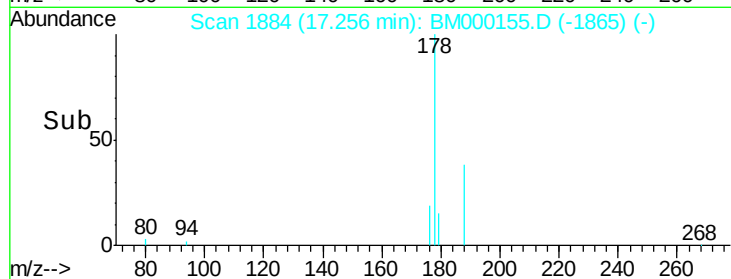
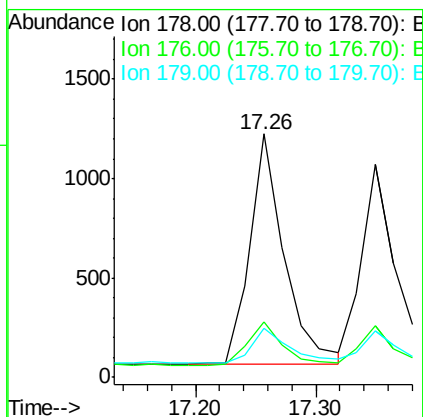
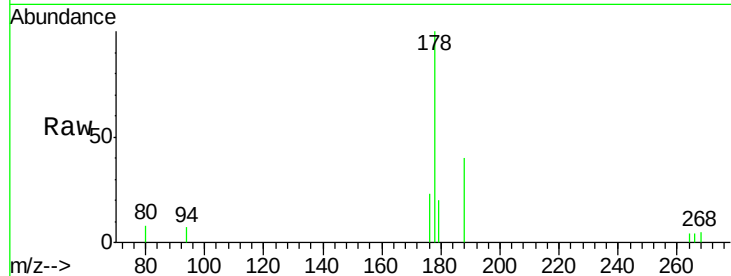
Tgt Ion:266 Resp: 108
 Ion Ratio Lower Upper
 266 100
 264 45.4 53.9 80.9#
 268 36.1 49.2 73.8#





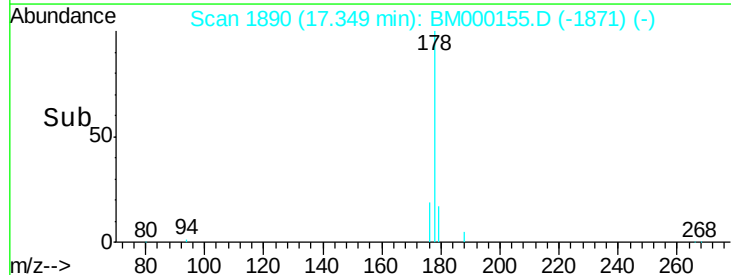
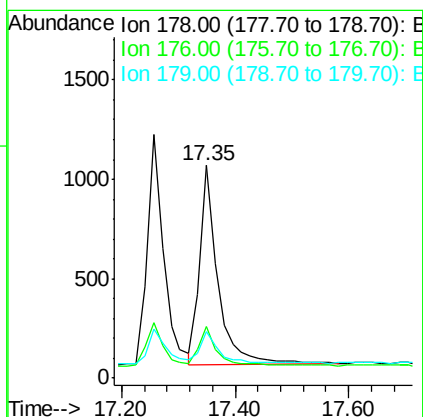
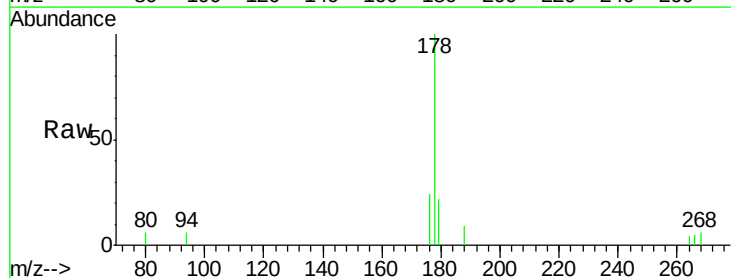
#12
Phenanthrene
Concen: 0.08 ng/ul
RT: 17.26 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM000155.D
Acq: 08 Jan 2015 23:14

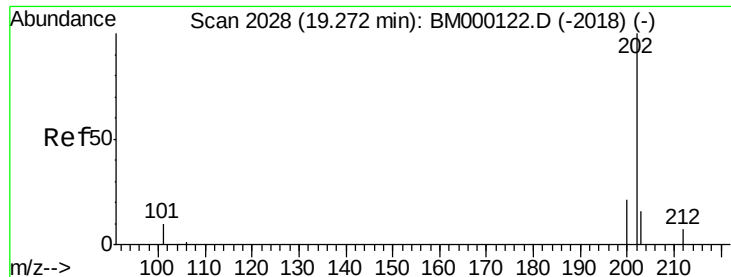
Tgt Ion:178 Resp: 2310
Ion Ratio Lower Upper
178 100
176 22.5 15.1 22.7
179 20.2 13.0 19.4#



#13
Anthracene
Concen: 0.08 ng/ul
RT: 17.35 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM000155.D
Acq: 08 Jan 2015 23:14

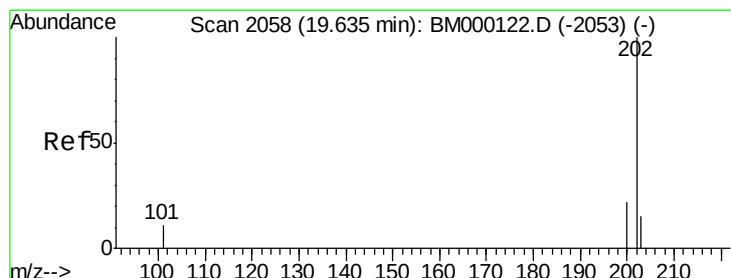
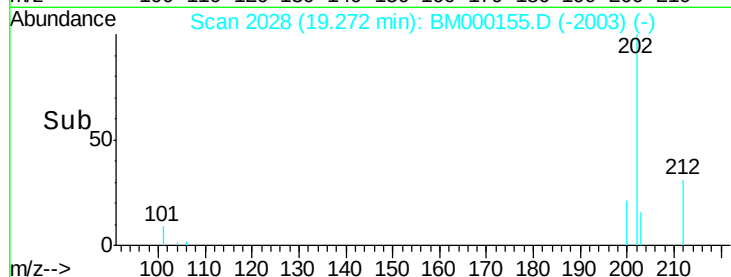
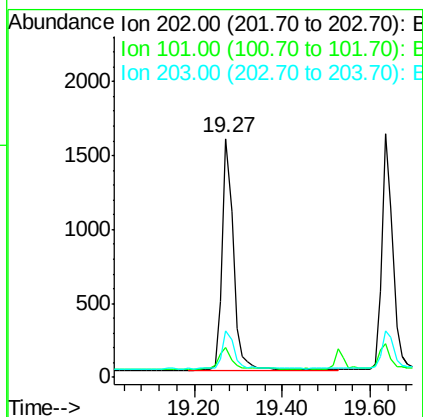
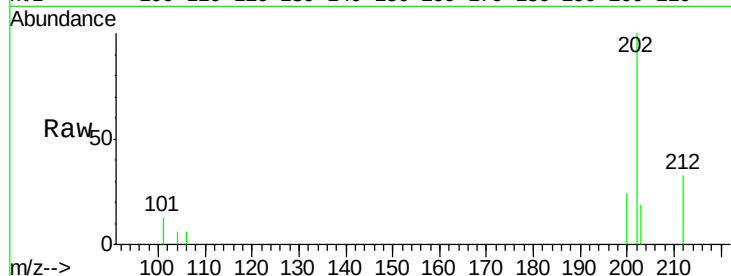
Tgt Ion:178 Resp: 2203
Ion Ratio Lower Upper
178 100
176 24.1 14.6 21.8#
179 21.9 13.1 19.7#





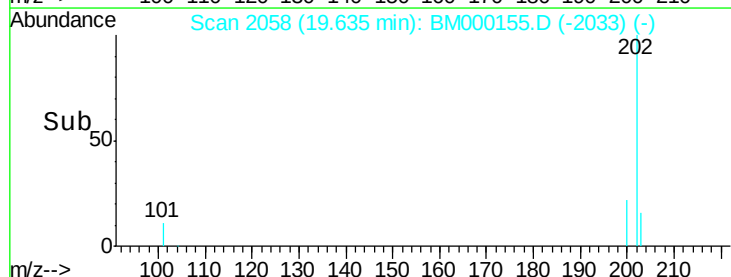
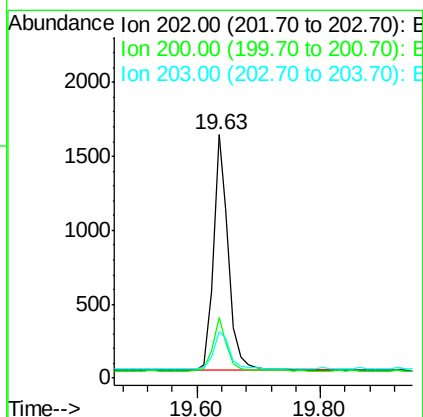
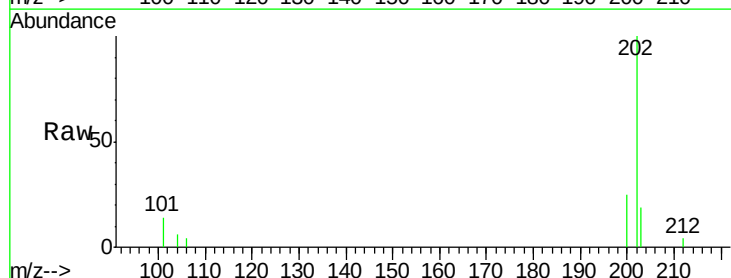
#15
Fluoranthene
 Concen: 0.09 ng/ul
 RT: 19.27 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BM000155.D
 Acq: 08 Jan 2015 23:14

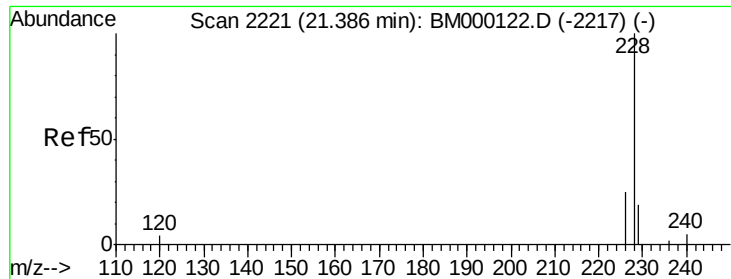
Tgt Ion: 202 Resp: 2726
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.5
 203 19.3 0.0 36.6



#17
Pyrene
 Concen: 0.08 ng/ul
 RT: 19.63 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM000155.D
 Acq: 08 Jan 2015 23:14

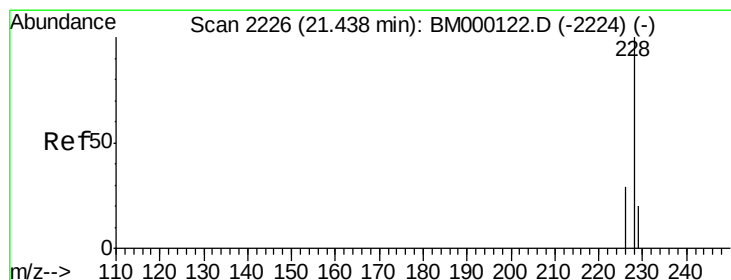
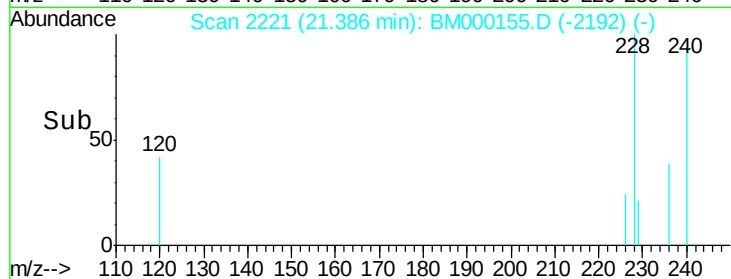
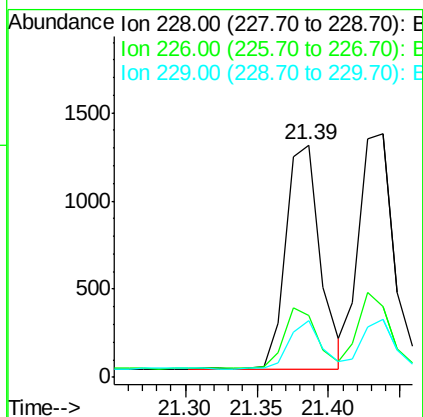
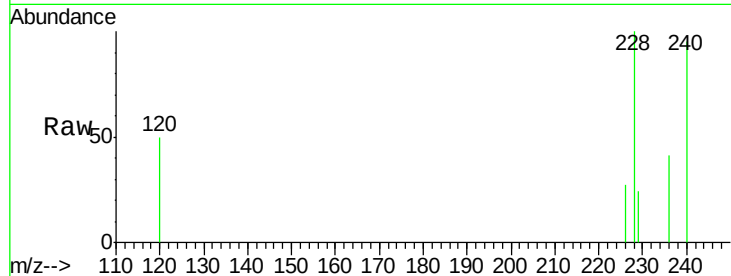
Tgt Ion: 202 Resp: 2748
 Ion Ratio Lower Upper
 202 100
 200 24.7 17.9 26.9
 203 19.2 12.8 19.2





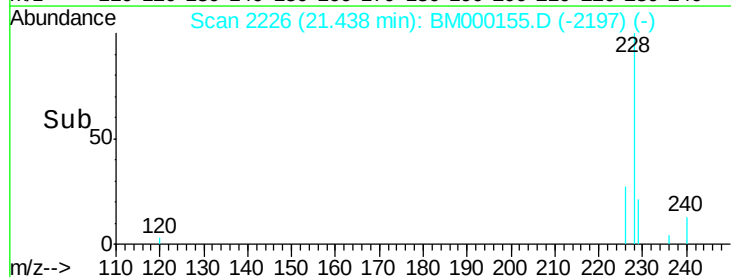
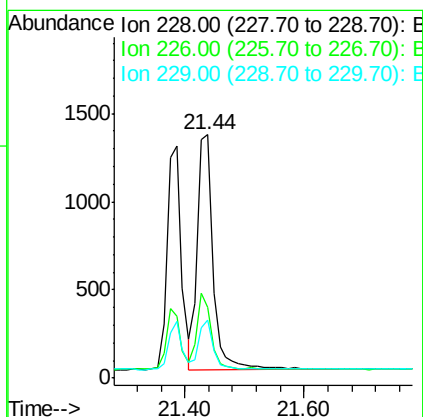
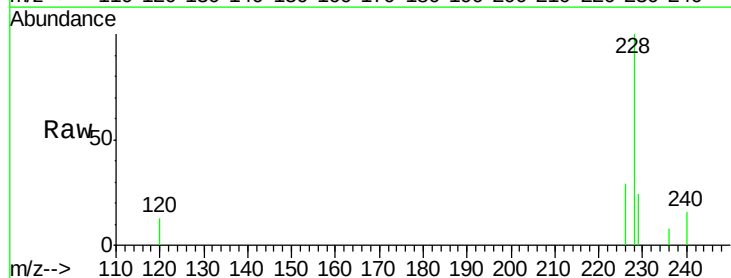
#18
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BM000155.D
Acq: 08 Jan 2015 23:14

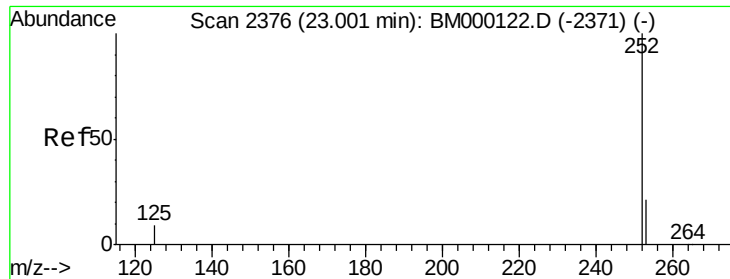
Tgt Ion:228 Resp: 2115
Ion Ratio Lower Upper
228 100
226 26.8 20.8 31.2
229 24.5 15.5 23.3#



#19
Chrysene
Concen: 0.08 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BM000155.D
Acq: 08 Jan 2015 23:14

Tgt Ion:228 Resp: 2412
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.6
229 23.7 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.08 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

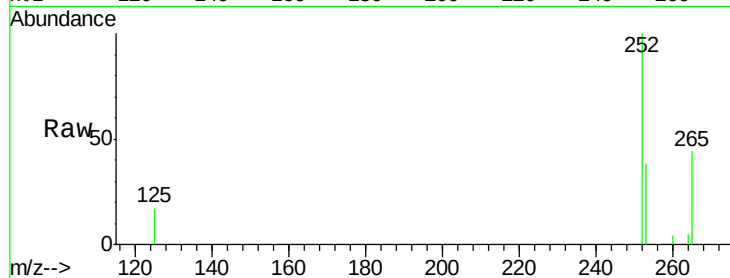
Tgt Ion: 252 Resp: 2356

Ion Ratio Lower Upper

252 100

253 38.1 0.0 48.2

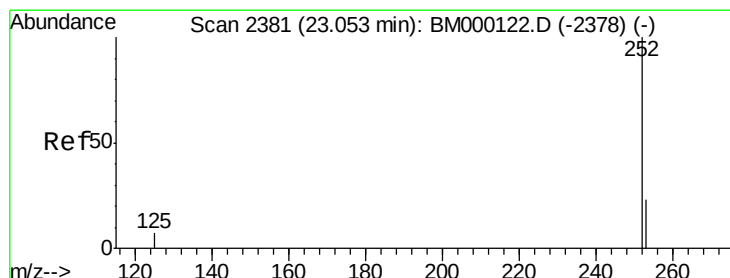
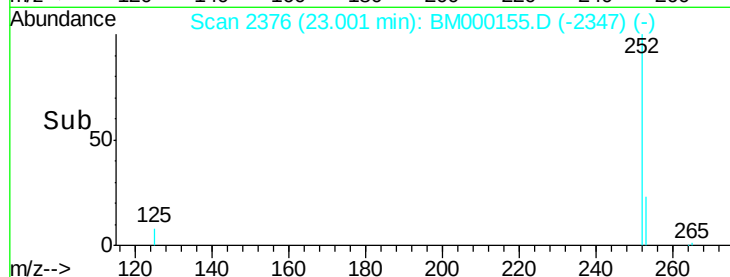
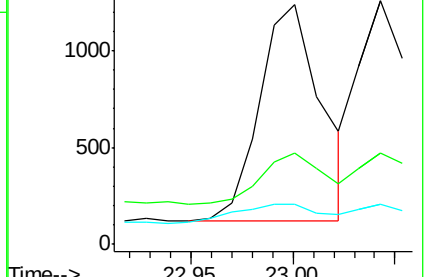
125 16.5 0.0 21.6



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



#22

Benzo(k)fluoranthene

Concen: 0.08 ng/ul

RT: 23.04 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

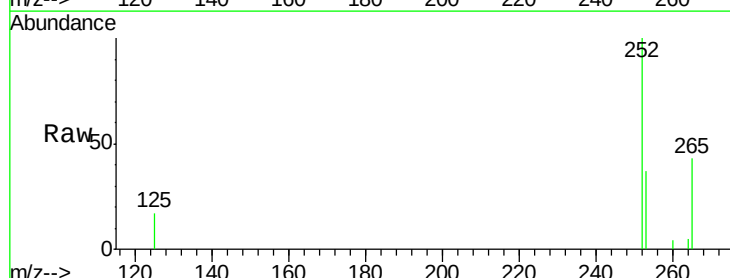
Tgt Ion: 252 Resp: 2272

Ion Ratio Lower Upper

252 100

253 37.4 20.5 30.7#

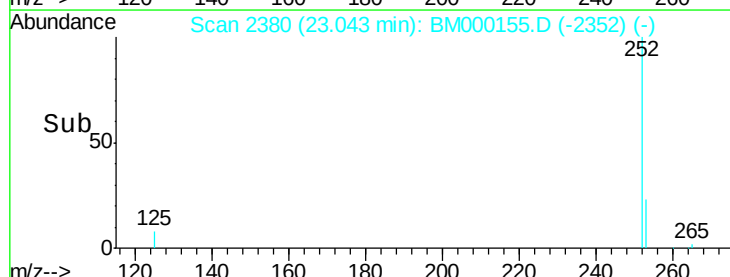
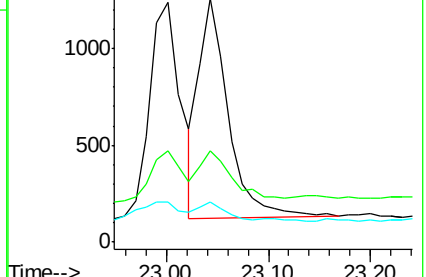
125 16.6 7.8 11.8#

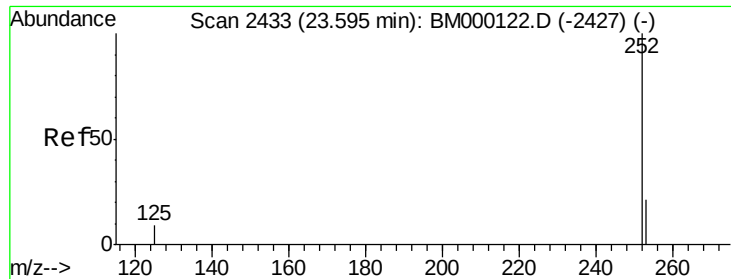


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.60 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

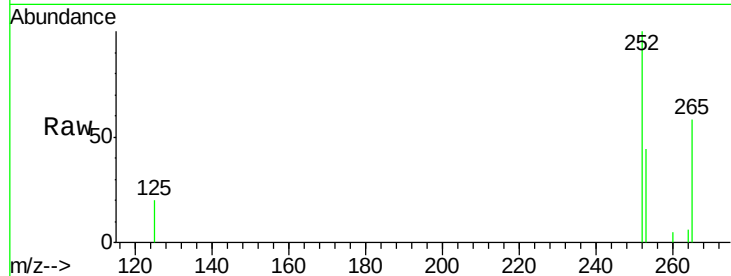
Tgt Ion: 252 Resp: 2212

Ion Ratio Lower Upper

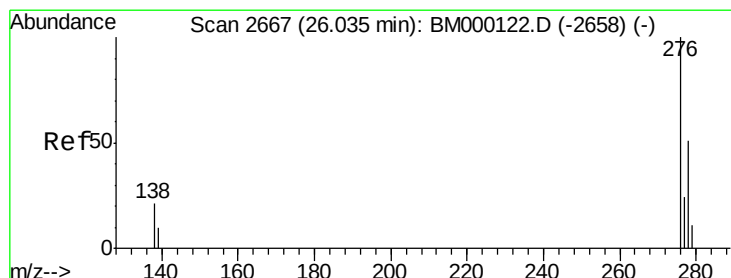
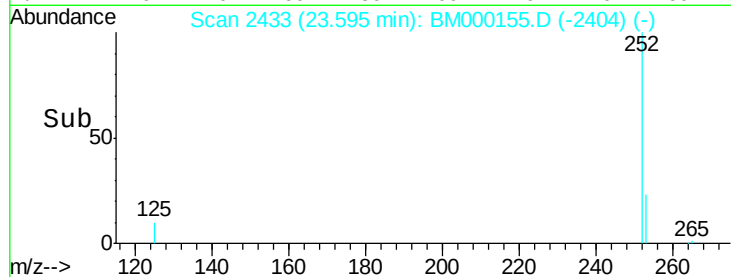
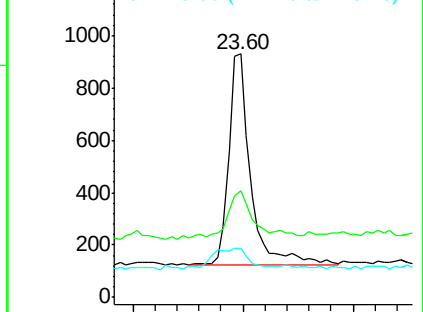
252 100

253 43.7 19.8 29.6#

125 20.2 9.2 13.8#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul

RT: 26.03 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

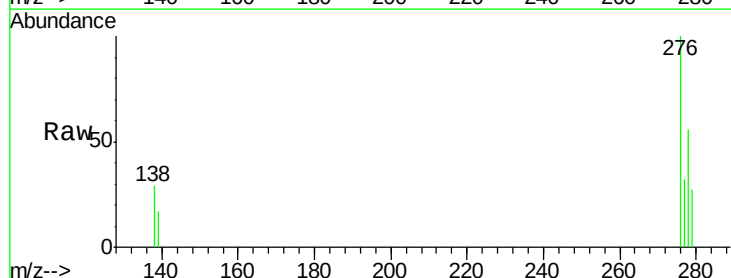
Tgt Ion: 276 Resp: 2452

Ion Ratio Lower Upper

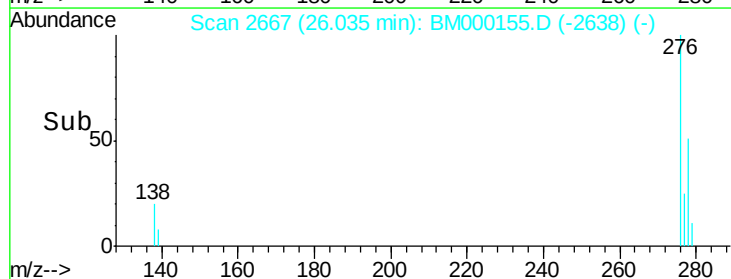
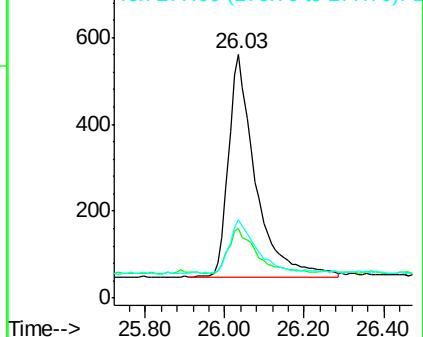
276 100

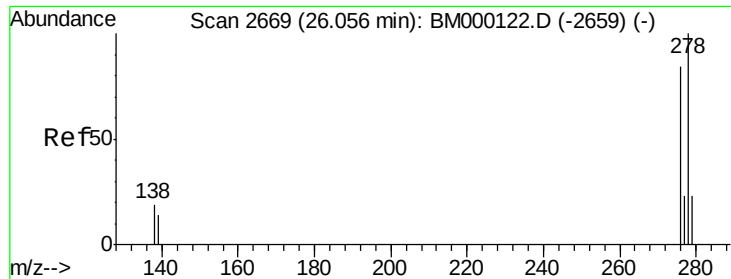
138 21.1 17.6 26.4

277 22.6 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: 0.08 ng/ul

RT: 26.06 min Scan# 2669

Delta R.T. 0.00 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

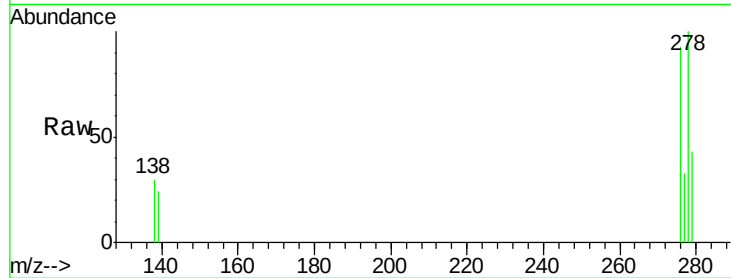
Tgt Ion: 278 Resp: 1919

Ion Ratio Lower Upper

278 100

139 24.5 12.6 18.8#

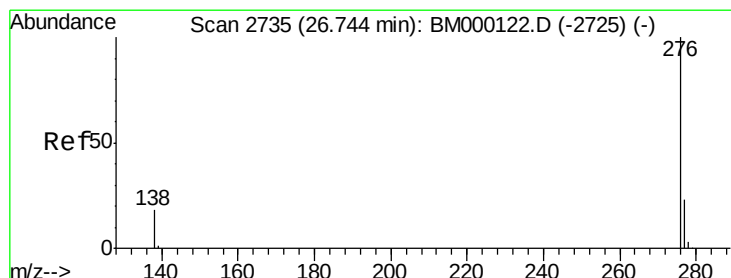
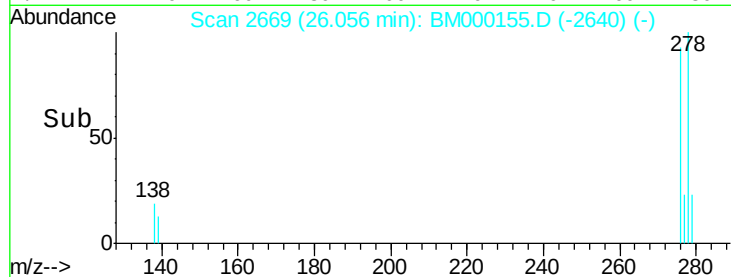
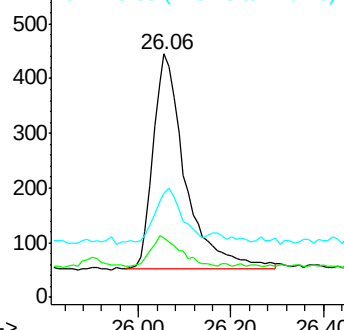
279 42.7 20.6 30.8#



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: 0.08 ng/ul

RT: 26.74 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BM000155.D

Acq: 08 Jan 2015 23:14

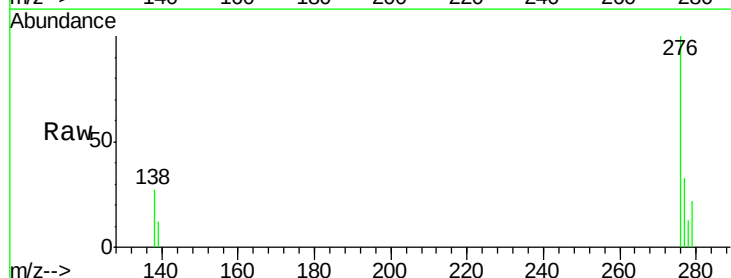
Tgt Ion: 276 Resp: 2227

Ion Ratio Lower Upper

276 100

277 33.3 20.0 30.0#

138 27.0 15.7 23.5#



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

