

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
 Data File : BM000147.D
 Acq On : 08 Jan 2015 17:55
 Operator : TP/IZ
 Sample : MDL-02-W
 Misc : MDL-WATER-0.15PPM-SIM
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 09 00:37:47 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	2988	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	10061	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6375	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	12010	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	10143	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	11731	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.22	152	4144	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	6537	0.25	ng/ul	0.00

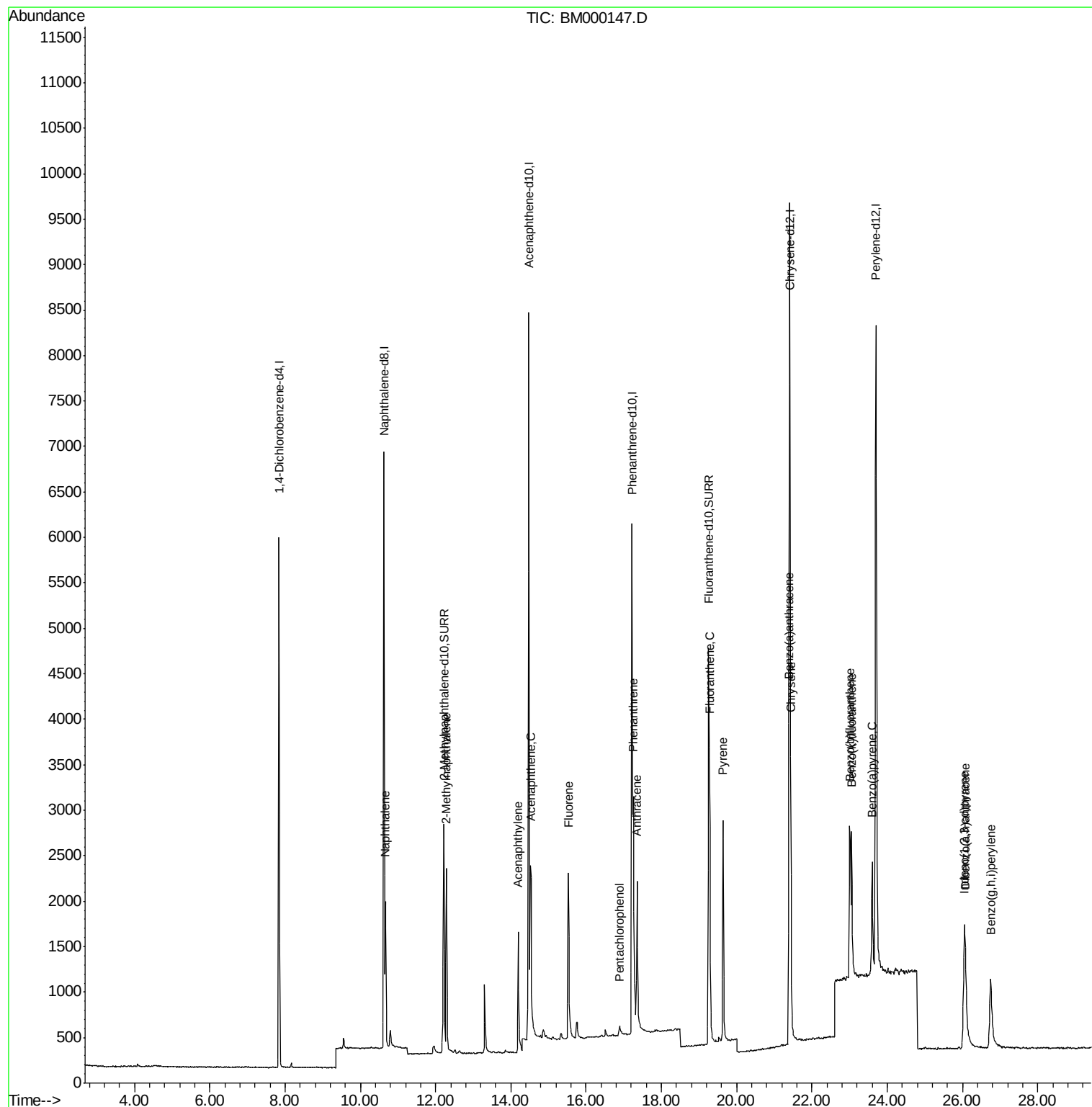
Target Compounds

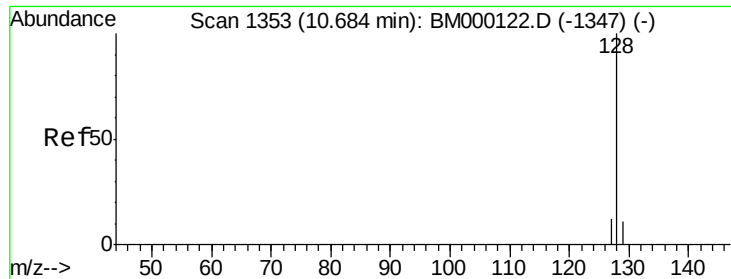
						Qvalue
3) Naphthalene	10.67	128	2322	0.09	ng/ul#	94
5) 2-Methylnaphthalene	12.28	142	1502	0.08	ng/ul	98
7) Acenaphthylene	14.20	152	2337	0.07	ng/ul#	92
8) Acenaphthene	14.52	153	1495	0.08	ng/ul#	80
9) Fluorene	15.52	166	1762	0.08	ng/ul#	88
11) Pentachlorophenol	16.89	266	193	0.10	ng/ul	89
12) Phenanthrene	17.26	178	2768	0.07	ng/ul#	91
13) Anthracene	17.35	178	2692	0.08	ng/ul#	91
15) Fluoranthene	19.27	202	3164	0.08	ng/ul	92
17) Pyrene	19.64	202	3224	0.08	ng/ul#	93
18) Benzo(a)anthracene	21.39	228	2576	0.08	ng/ul	94
19) Chrysene	21.44	228	2864	0.08	ng/ul	97
21) Benzo(b)fluoranthene	23.00	252	2943	0.06	ng/ul	78
22) Benzo(k)fluoranthene	23.05	252	2618	0.06	ng/ul#	82
23) Benzo(a)pyrene	23.60	252	2516	0.06	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	26.05	276	2889	0.06	ng/ul	99
25) Dibenzo(a,h)anthracene	26.07	278	2244	0.06	ng/ul#	76
26) Benzo(g,h,i)perylene	26.74	276	2585	0.06	ng/ul#	82

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

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#3

Naphthalene

Concen: 0.09 ng/ul

RT: 10.67 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

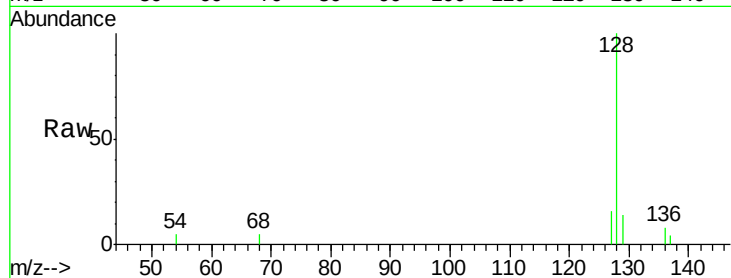
Tgt Ion:128 Resp: 2322

Ion Ratio Lower Upper

128 100

129 13.7 9.5 14.3

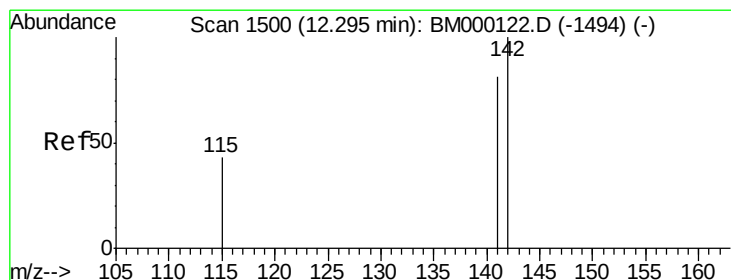
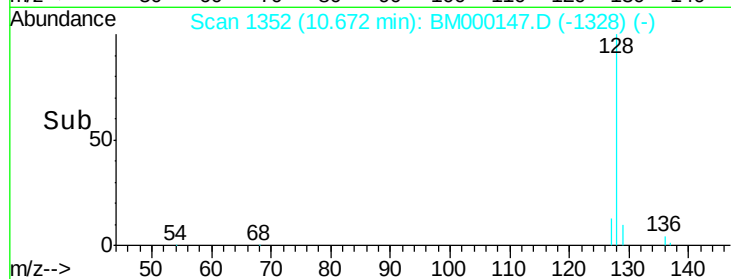
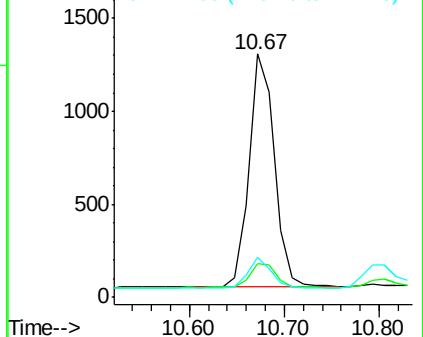
127 16.3 10.4 15.6#



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: 0.08 ng/ul

RT: 12.28 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM000147.D

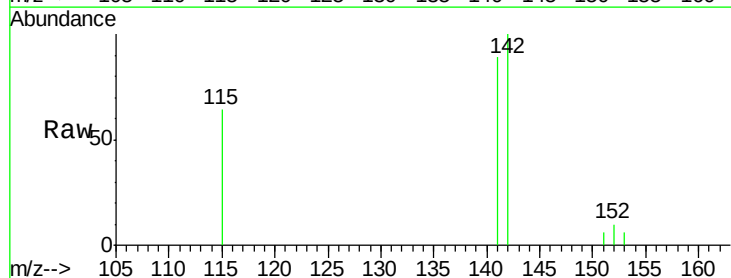
Acq: 08 Jan 2015 17:55

Tgt Ion:142 Resp: 1502

Ion Ratio Lower Upper

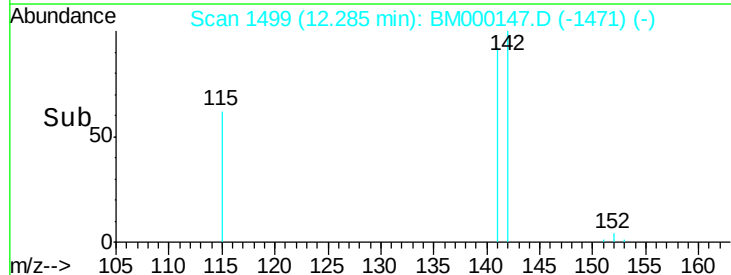
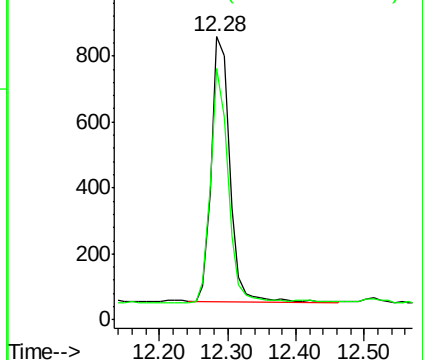
142 100

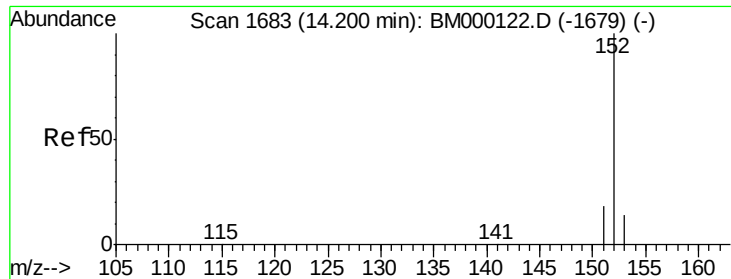
141 84.2 68.9 103.3



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: BM000147.D

Acq: 08 Jan 2015 17:55

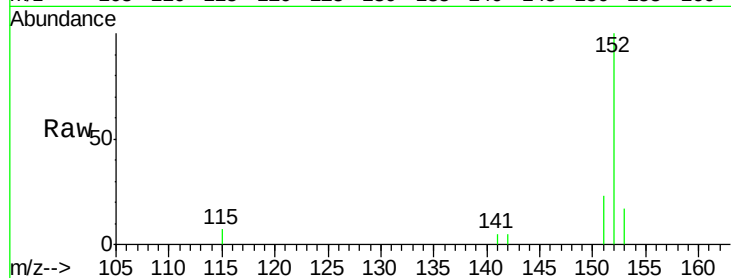
Tgt Ion:152 Resp: 2337

Ion Ratio Lower Upper

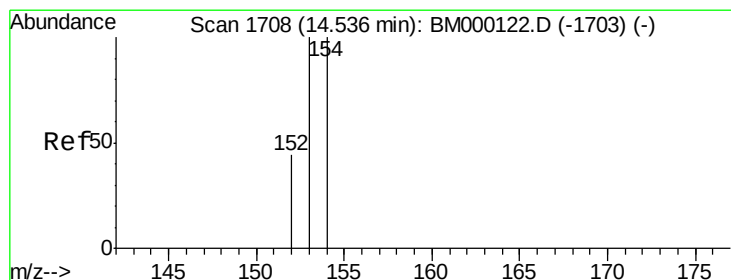
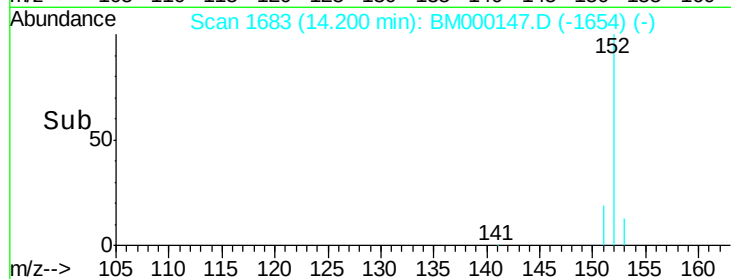
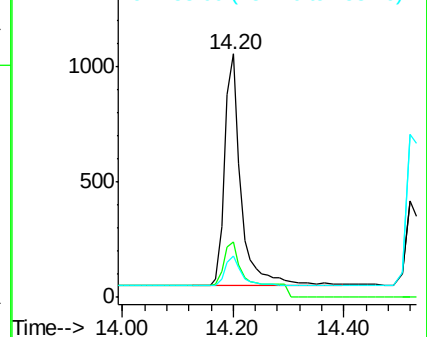
152 100

151 22.7 15.4 23.2

153 17.1 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: 0.08 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

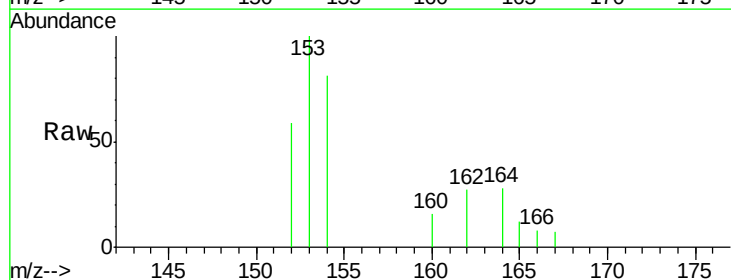
Tgt Ion:153 Resp: 1495

Ion Ratio Lower Upper

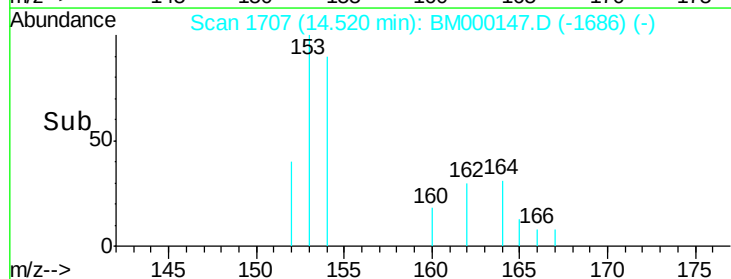
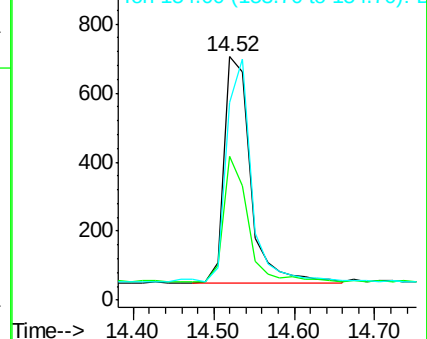
153 100

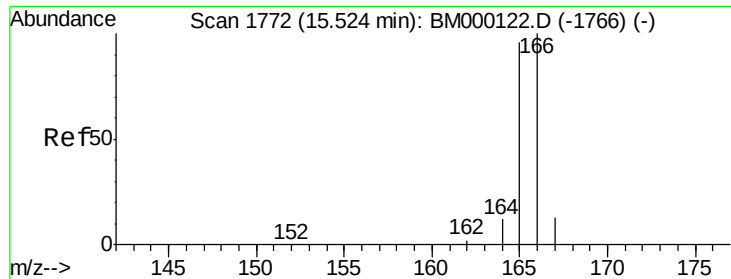
152 59.2 35.8 53.6#

154 81.0 79.9 119.9



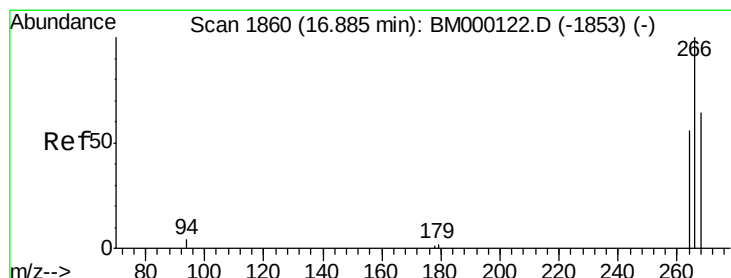
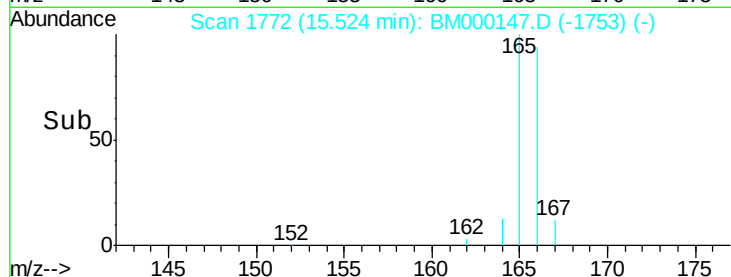
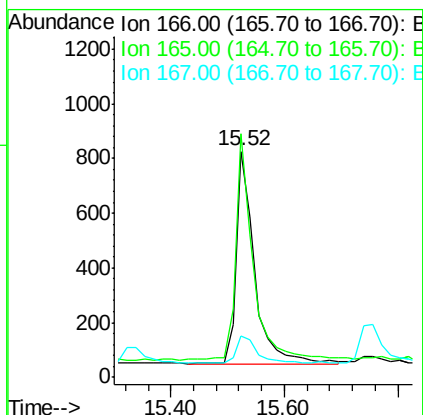
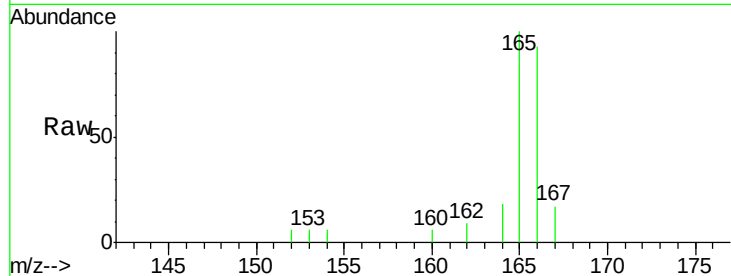
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





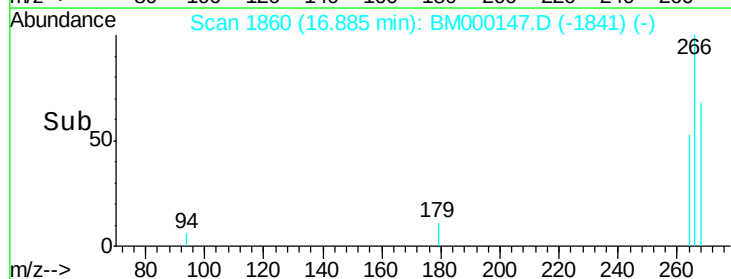
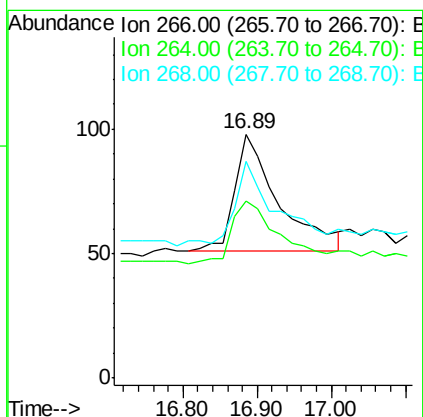
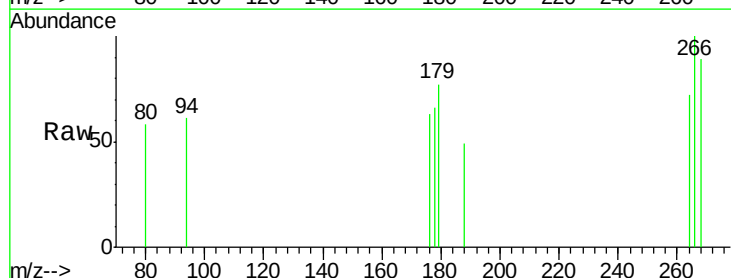
#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM000147.D
 Acq: 08 Jan 2015 17:55

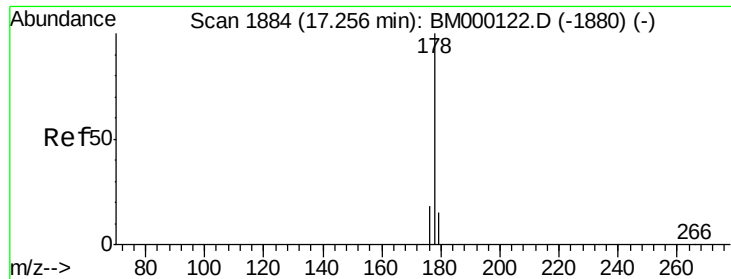
Tgt Ion:166 Resp: 1762
 Ion Ratio Lower Upper
 166 100
 165 107.9 77.0 115.4
 167 18.5 11.0 16.6#



#11
Pentachlorophenol
 Concen: 0.10 ng/ul
 RT: 16.89 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM000147.D
 Acq: 08 Jan 2015 17:55

Tgt Ion:266 Resp: 193
 Ion Ratio Lower Upper
 266 100
 264 58.0 53.9 80.9
 268 69.9 49.2 73.8





#12

Phenanthrene

Concen: 0.07 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

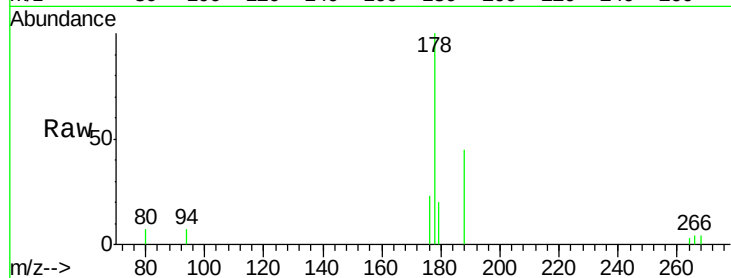
Tgt Ion:178 Resp: 2768

Ion Ratio Lower Upper

178 100

176 23.1 15.1 22.7#

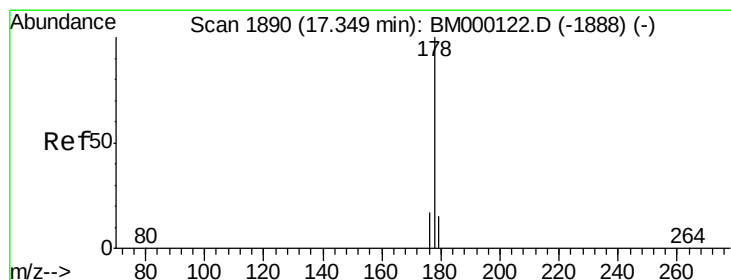
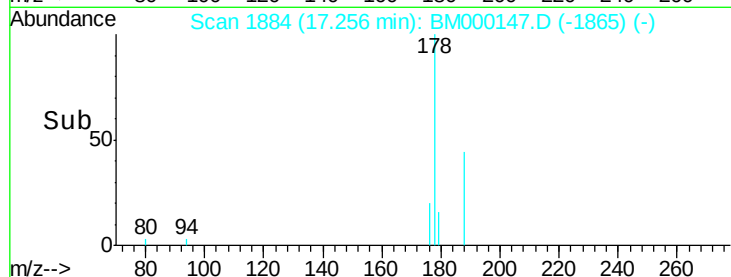
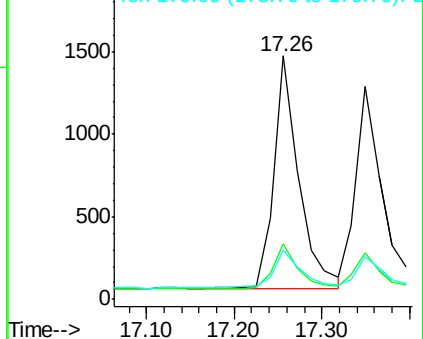
179 20.2 13.0 19.4#



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



#13

Anthracene

Concen: 0.08 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

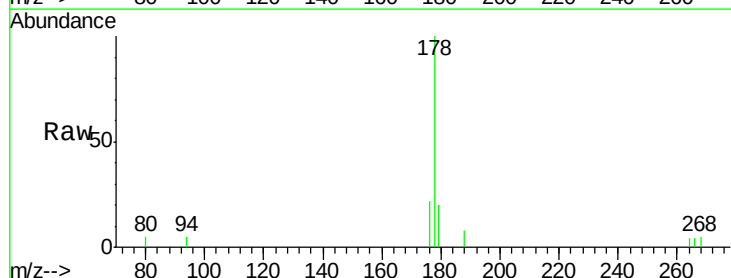
Tgt Ion:178 Resp: 2692

Ion Ratio Lower Upper

178 100

176 21.9 14.6 21.8#

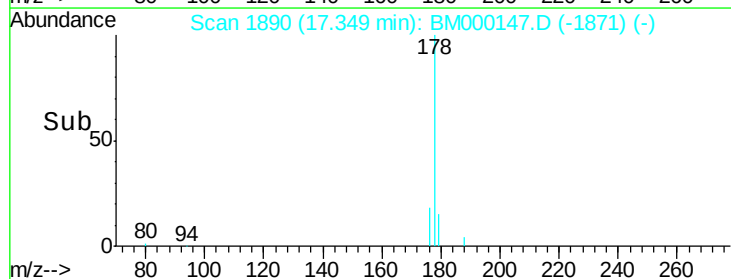
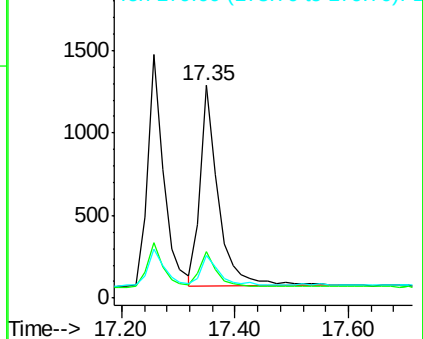
179 20.3 13.1 19.7#

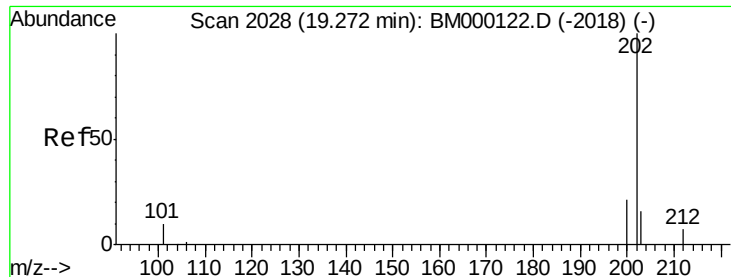


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

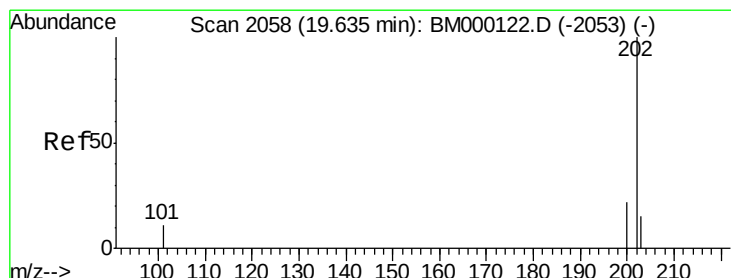
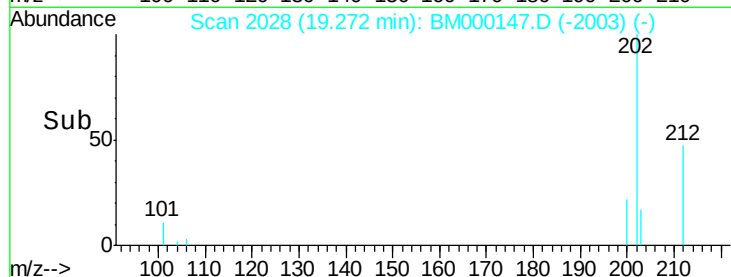
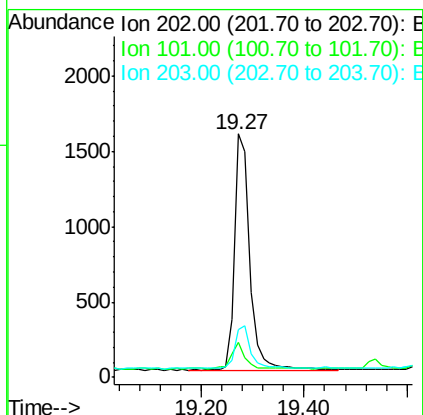
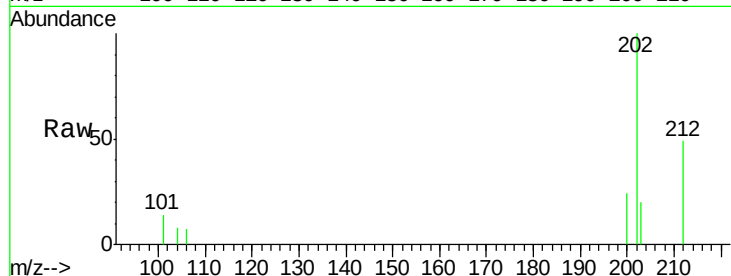
Ion 179.00 (178.70 to 179.70): E





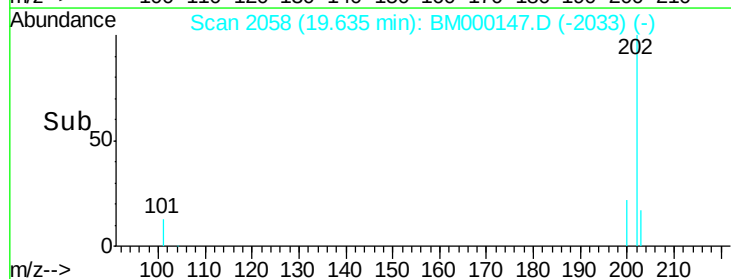
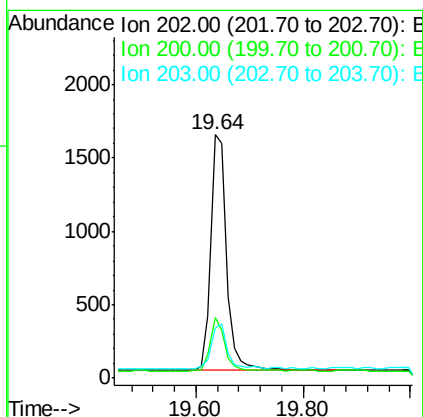
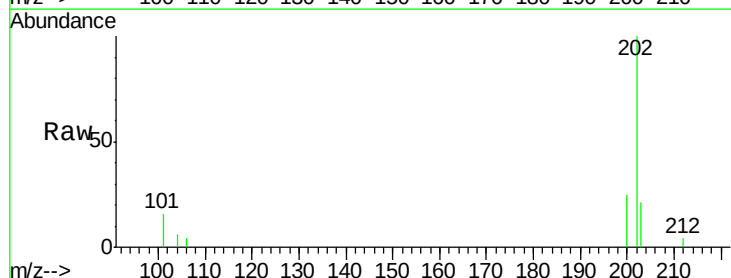
#15
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM000147.D
Acq: 08 Jan 2015 17:55

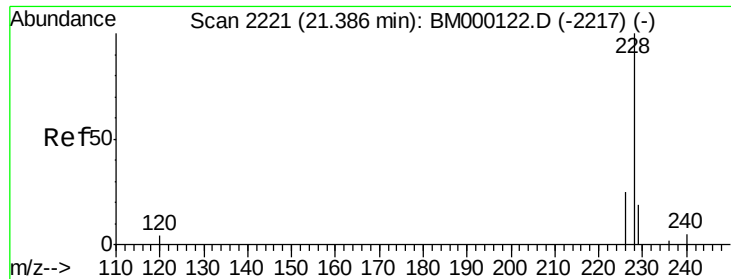
Tgt Ion:202 Resp: 3164
Ion Ratio Lower Upper
202 100
101 14.2 0.0 30.5
203 19.6 0.0 36.6



#17
Pyrene
Concen: 0.08 ng/ul
RT: 19.64 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM000147.D
Acq: 08 Jan 2015 17:55

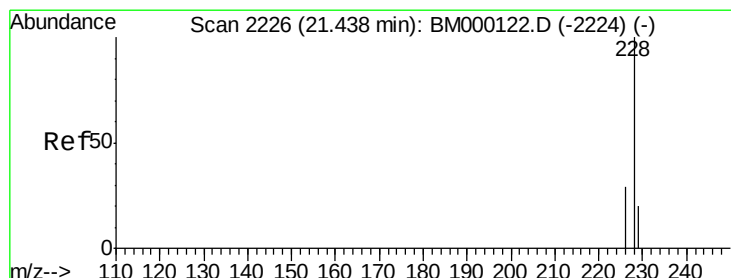
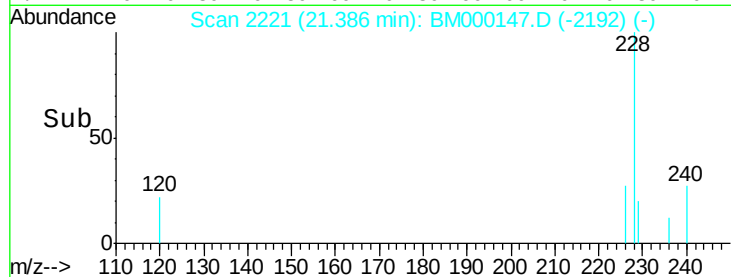
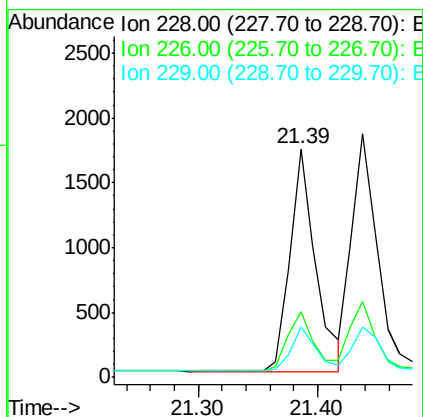
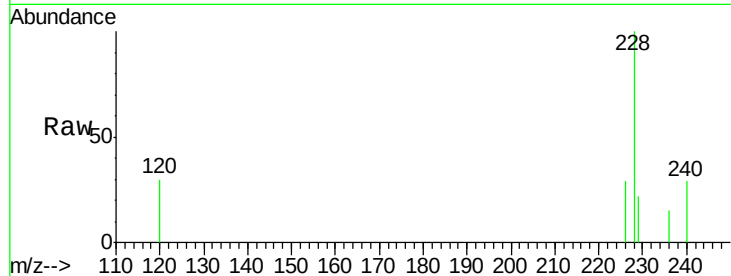
Tgt Ion:202 Resp: 3224
Ion Ratio Lower Upper
202 100
200 24.7 17.9 26.9
203 20.6 12.8 19.2#





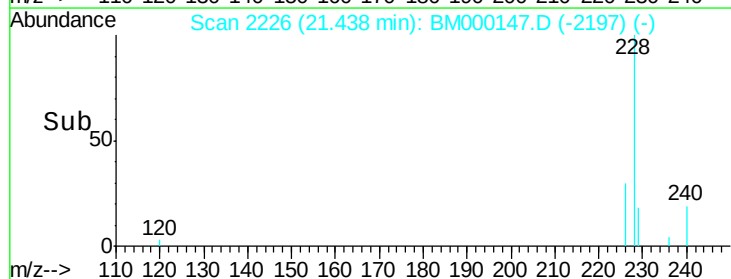
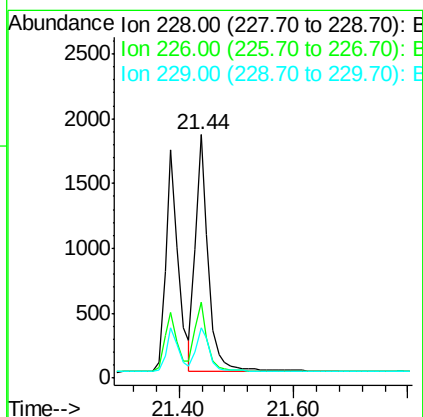
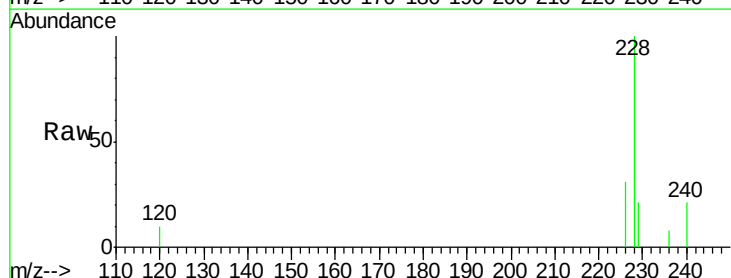
#18
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BM000147.D
Acq: 08 Jan 2015 17:55

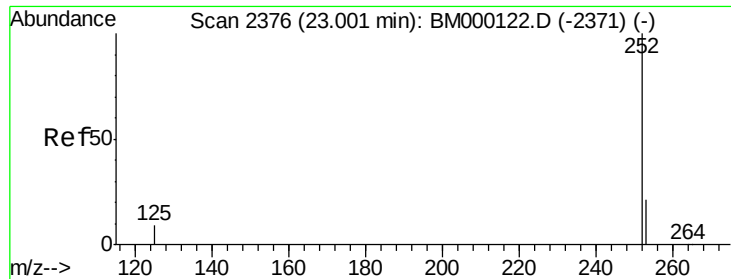
Tgt Ion:228 Resp: 2576
Ion Ratio Lower Upper
228 100
226 29.0 20.8 31.2
229 21.8 15.5 23.3



#19
Chrysene
Concen: 0.08 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BM000147.D
Acq: 08 Jan 2015 17:55

Tgt Ion:228 Resp: 2864
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.6
229 20.6 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

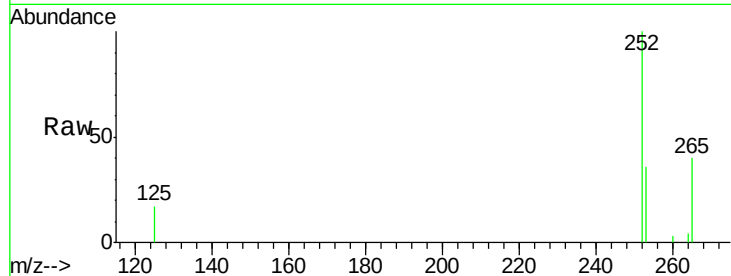
Tgt Ion:252 Resp: 2943

Ion Ratio Lower Upper

252 100

253 36.4 0.0 48.2

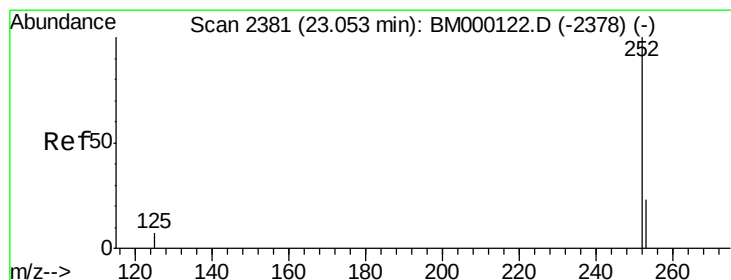
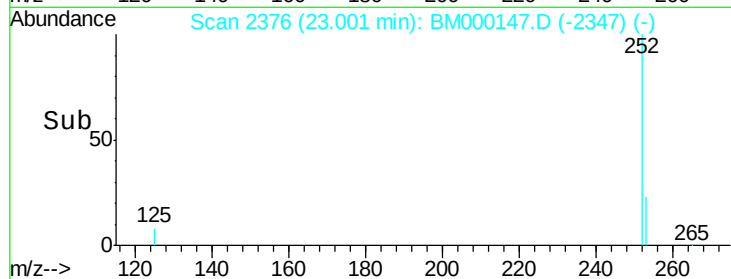
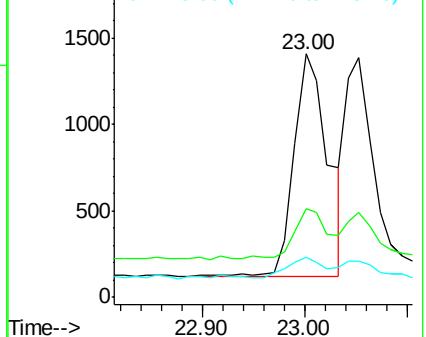
125 16.5 0.0 21.6



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: 0.06 ng/ul

RT: 23.05 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

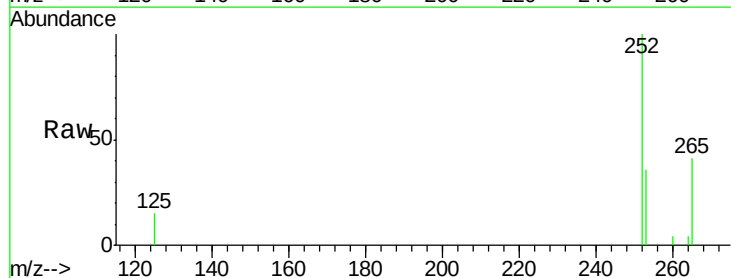
Tgt Ion:252 Resp: 2618

Ion Ratio Lower Upper

252 100

253 35.6 20.5 30.7#

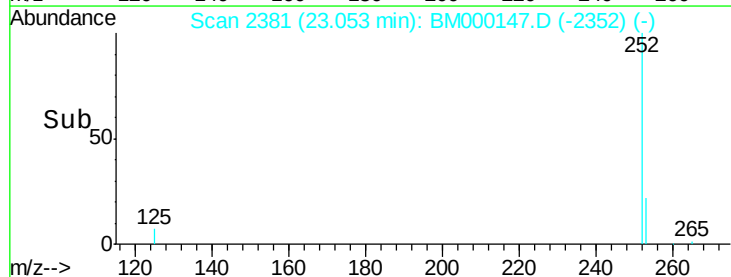
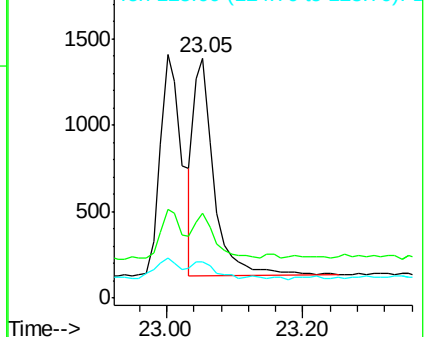
125 15.0 7.8 11.8#

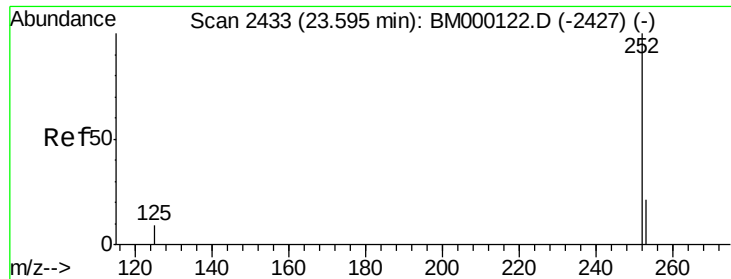


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

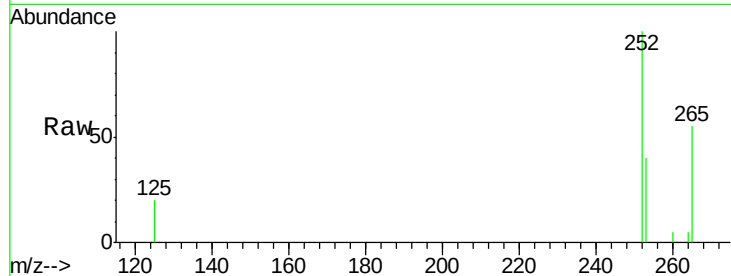
RT: 23.60 min Scan# 2433

Delta R.T. 0.00 min

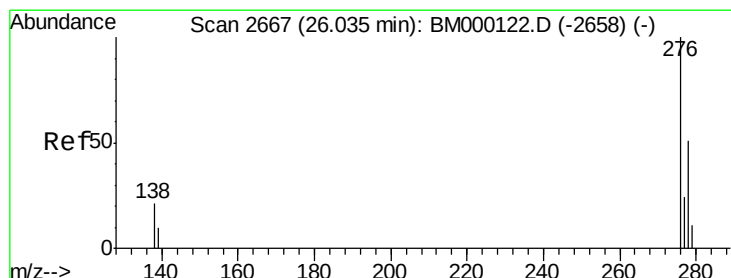
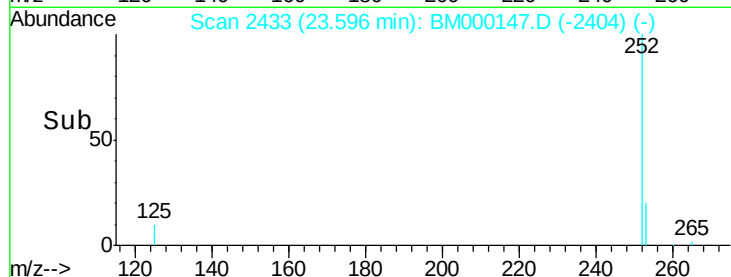
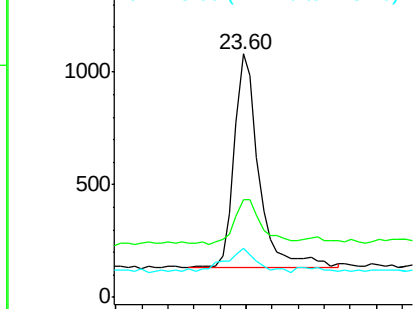
Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

Tgt Ion:	252	Resp:	2516
Ion	Ratio	Lower	Upper
252	100		
253	40.1	19.8	29.6#
125	20.3	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: 0.06 ng/ul

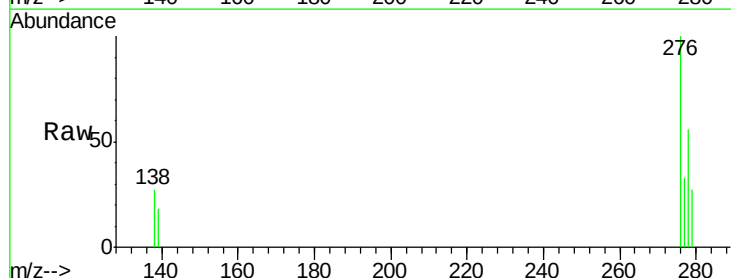
RT: 26.05 min Scan# 2668

Delta R.T. 0.01 min

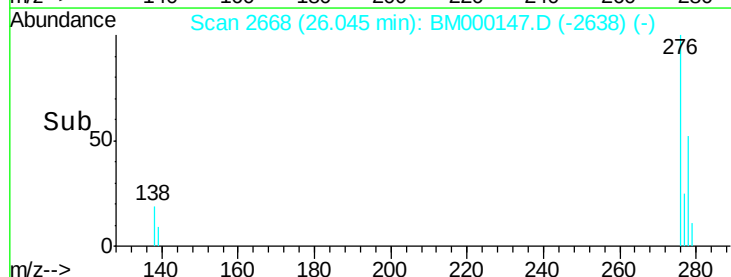
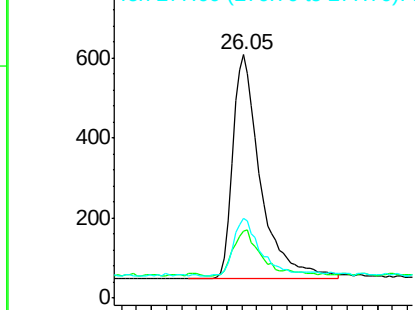
Lab File: BM000147.D

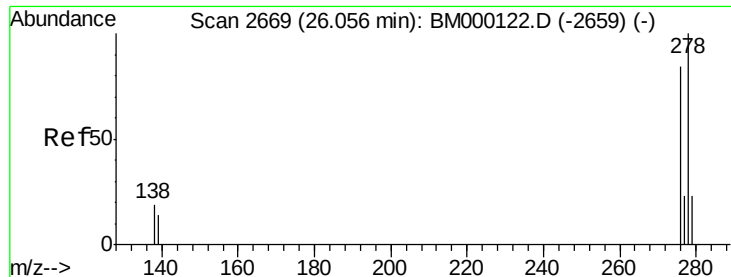
Acq: 08 Jan 2015 17:55

Tgt Ion:	276	Resp:	2889
Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.6	26.4
277	24.1	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: 0.06 ng/ul

RT: 26.07 min Scan# 2670

Delta R.T. 0.01 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

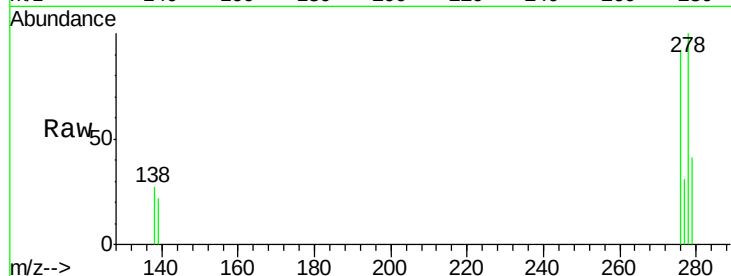
Tgt Ion: 278 Resp: 2244

Ion Ratio Lower Upper

278 100

139 22.3 12.6 18.8#

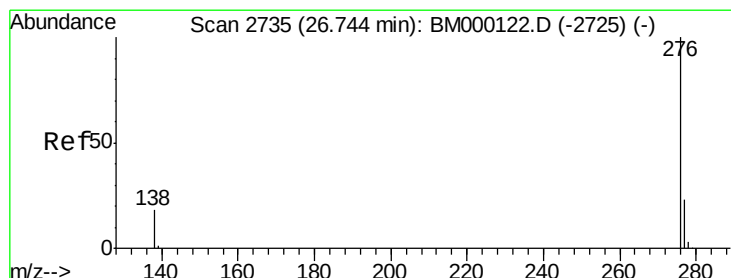
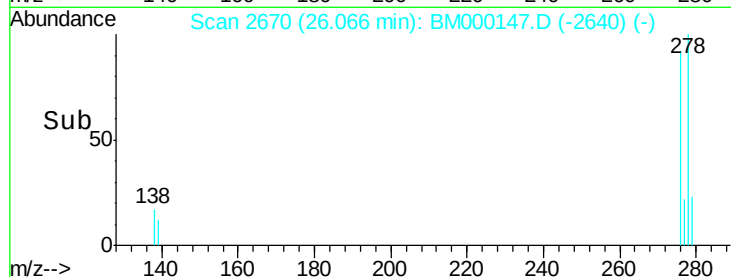
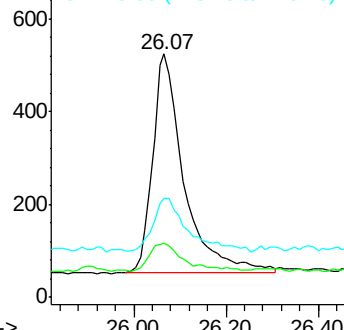
279 40.8 20.6 30.8#



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: 0.06 ng/ul

RT: 26.74 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BM000147.D

Acq: 08 Jan 2015 17:55

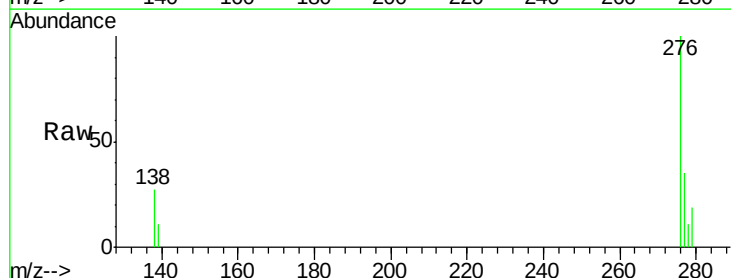
Tgt Ion: 276 Resp: 2585

Ion Ratio Lower Upper

276 100

277 34.6 20.0 30.0#

138 26.8 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

