

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010815\
 Data File : BM000149.D
 Acq On : 08 Jan 2015 19:06
 Operator : TP/IZ
 Sample : MDL-04-W
 Misc : MDL-WATER-0.15PPM-SIM
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 09 00:50:23 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	2825	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9172	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5484	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	10703	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	9212	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8330	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.22	152	4675	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	7772	0.34	ng/ul	0.00

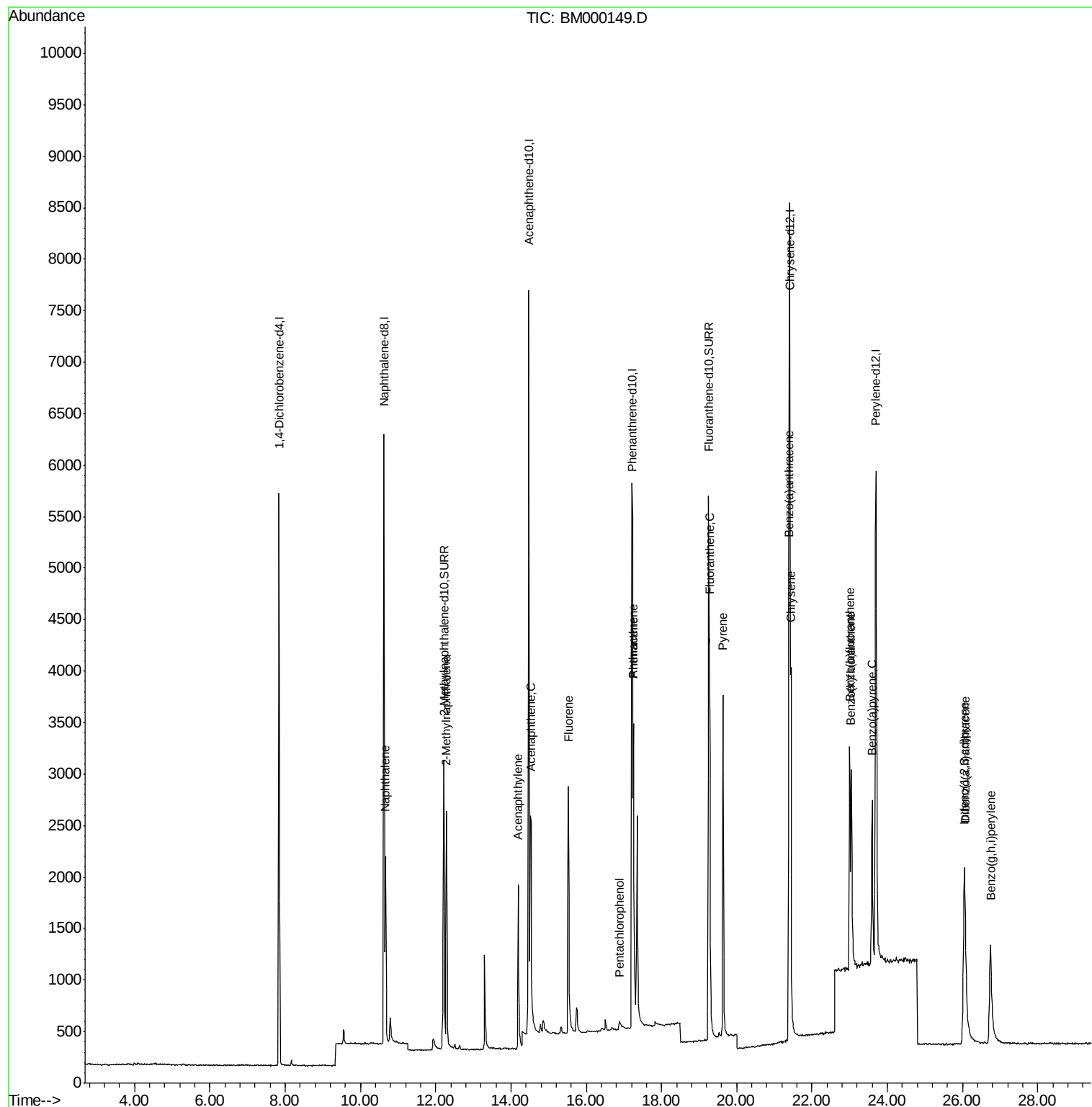
Target Compounds

					Qvalue
3) Naphthalene	10.67	128	2739	0.11 ng/ul#	94
5) 2-Methylnaphthalene	12.28	142	1769	0.11 ng/ul	100
7) Acenaphthylene	14.20	152	2852	0.10 ng/ul#	96
8) Acenaphthene	14.52	153	1831	0.11 ng/ul#	81
9) Fluorene	15.52	166	2147	0.11 ng/ul#	94
11) Pentachlorophenol	16.88	266	174	0.10 ng/ul	88
12) Phenanthrene	17.26	178	3456	0.10 ng/ul	94
13) Anthracene	17.26	178	3456	0.11 ng/ul	94
15) Fluoranthene	19.27	202	3940	0.11 ng/ul	95
17) Pyrene	19.63	202	4109	0.11 ng/ul	96
18) Benzo(a)anthracene	21.39	228	3108	0.10 ng/ul	98
19) Chrysene	21.44	228	3689	0.11 ng/ul	98
21) Benzo(b)fluoranthene	23.00	252	3221	0.10 ng/ul	86
22) Benzo(k)fluoranthene	23.04	252	3532	0.11 ng/ul#	86
23) Benzo(a)pyrene	23.60	252	3142	0.11 ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.04	276	3546	0.10 ng/ul	97
25) Dibenzo(a,h)anthracene	26.06	278	2766	0.10 ng/ul#	77
26) Benzo(g,h,i)perylene	26.74	276	3175	0.11 ng/ul#	90

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

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.67 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

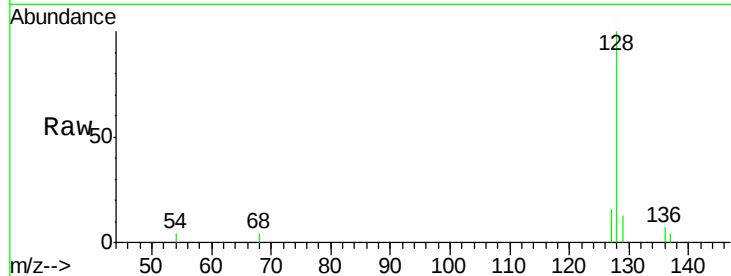
Tgt Ion:128 Resp: 2739

Ion Ratio Lower Upper

128 100

129 13.1 9.5 14.3

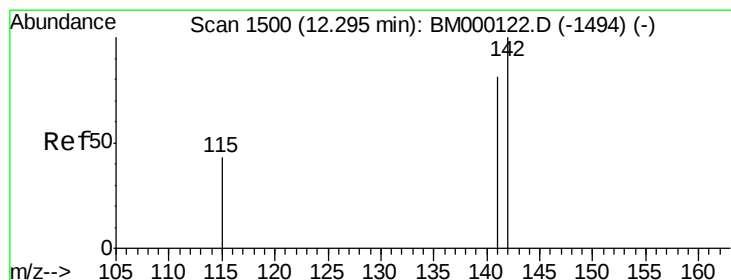
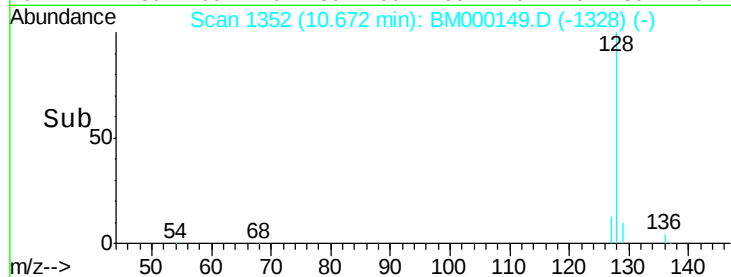
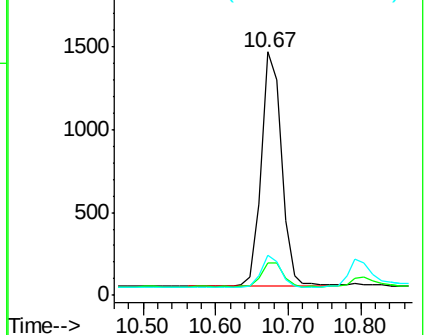
127 16.4 10.4 15.6#



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: 0.11 ng/ul

RT: 12.28 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM000149.D

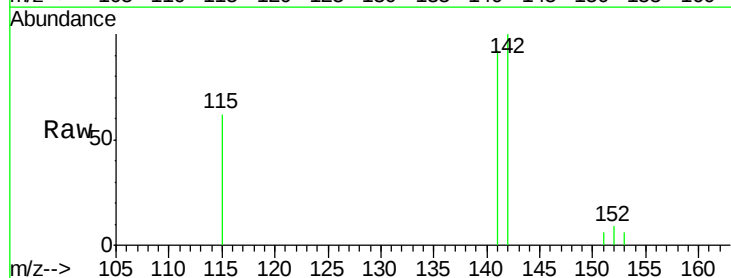
Acq: 08 Jan 2015 19:06

Tgt Ion:142 Resp: 1769

Ion Ratio Lower Upper

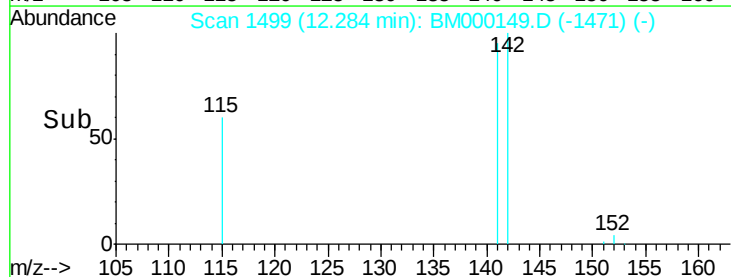
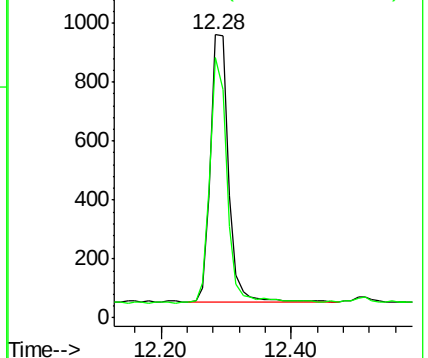
142 100

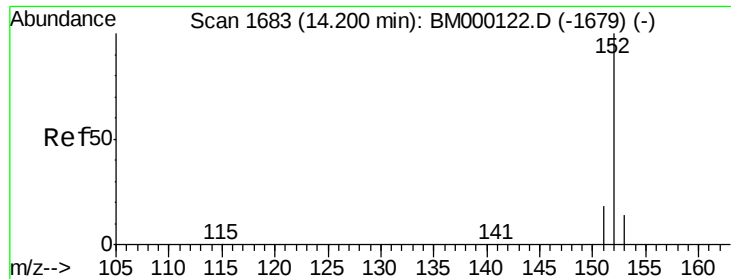
141 86.0 68.9 103.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.20 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

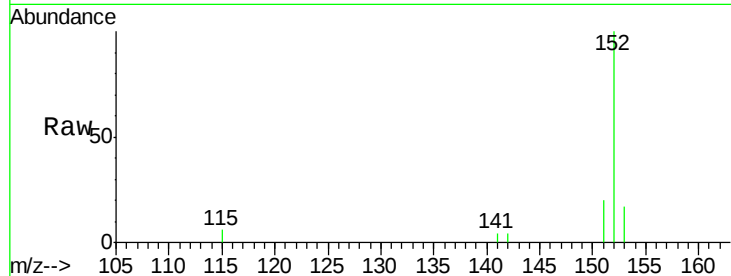
Tgt Ion:152 Resp: 2852

Ion Ratio Lower Upper

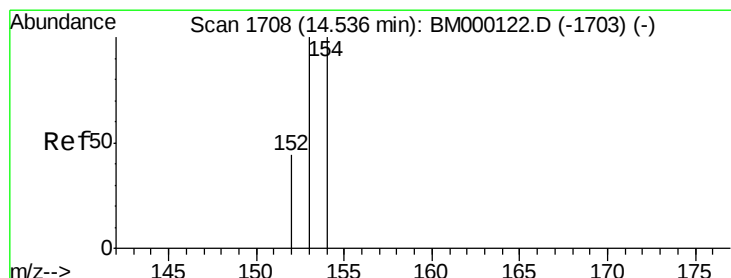
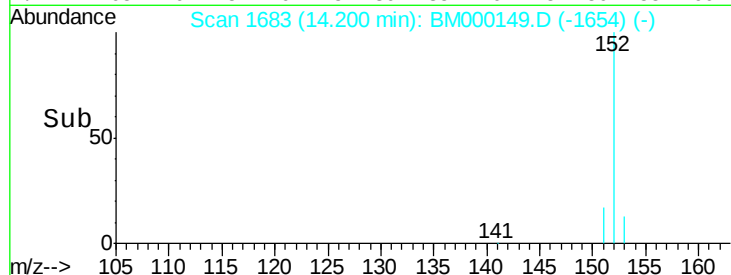
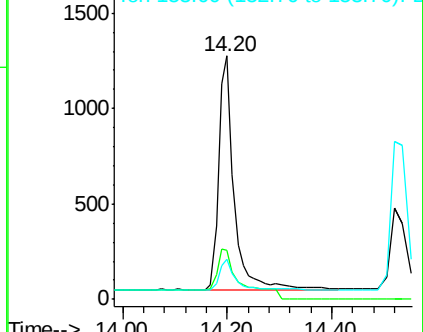
152 100

151 20.1 15.4 23.2

153 16.7 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: 0.11 ng/ul

RT: 14.52 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

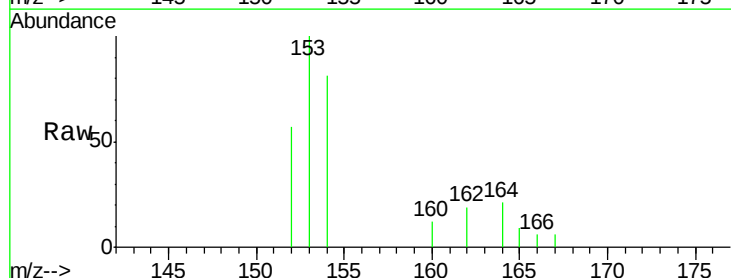
Tgt Ion:153 Resp: 1831

Ion Ratio Lower Upper

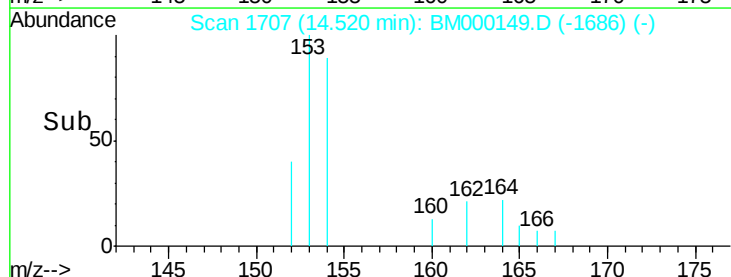
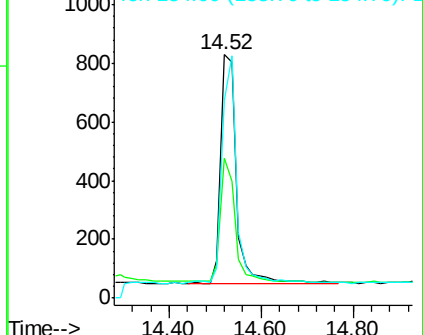
153 100

152 57.3 35.8 53.6#

154 81.3 79.9 119.9



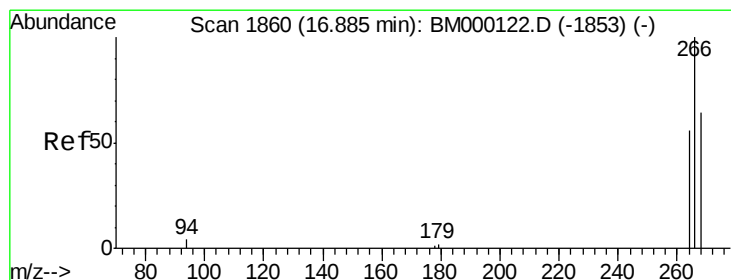
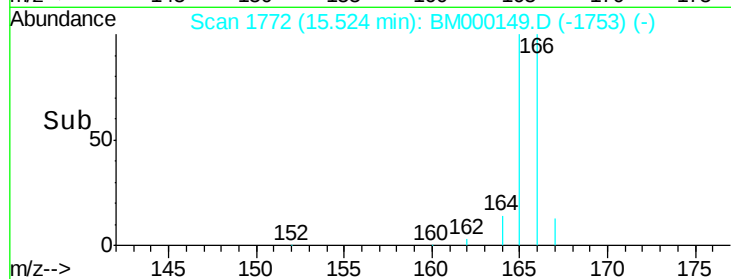
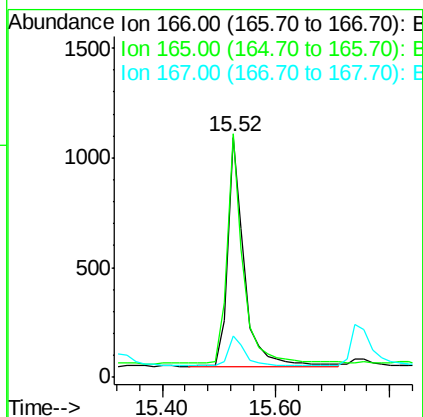
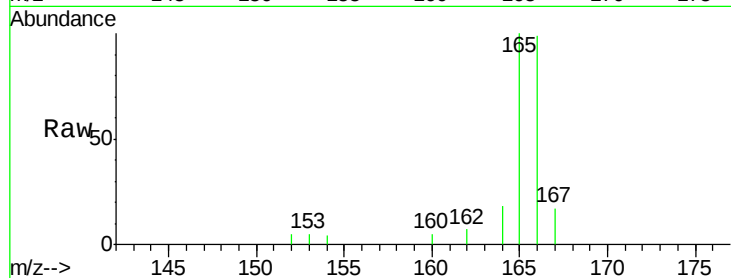
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





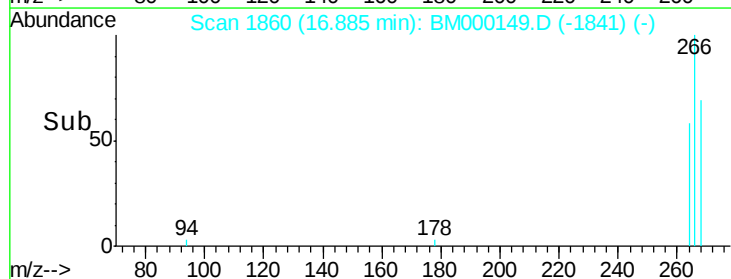
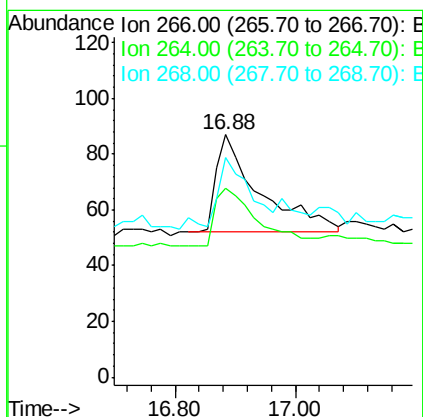
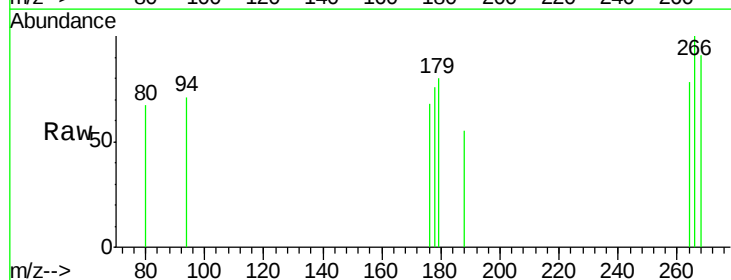
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.52 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BM000149.D
 Acq: 08 Jan 2015 19:06

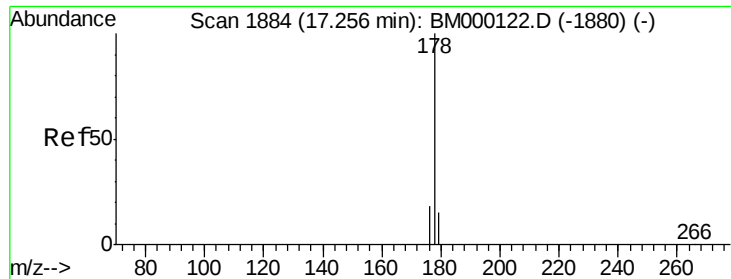
Tgt Ion:166 Resp: 2147
 Ion Ratio Lower Upper
 166 100
 165 101.5 77.0 115.4
 167 17.1 11.0 16.6#



#11
Pentachlorophenol
 Concen: 0.10 ng/ul
 RT: 16.88 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BM000149.D
 Acq: 08 Jan 2015 19:06

Tgt Ion:266 Resp: 174
 Ion Ratio Lower Upper
 266 100
 264 58.6 53.9 80.9
 268 51.1 49.2 73.8





#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

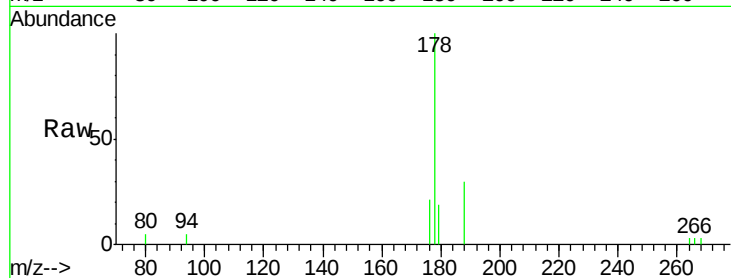
Tgt Ion:178 Resp: 3456

Ion Ratio Lower Upper

178 100

176 21.5 15.1 22.7

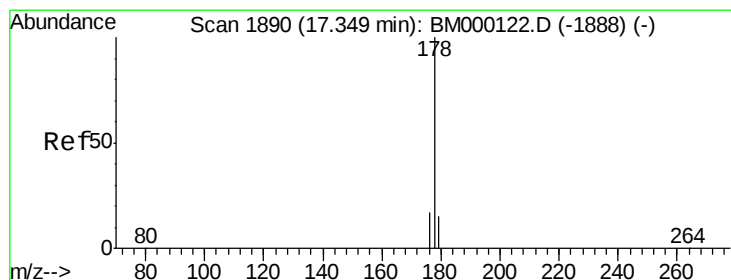
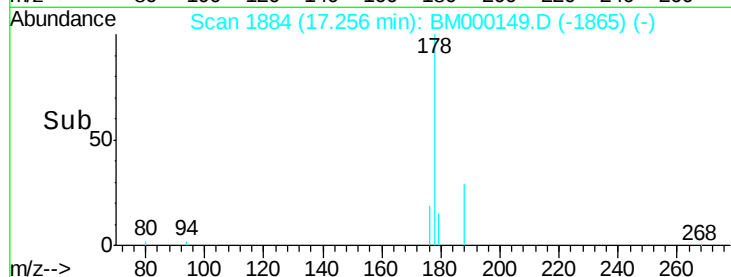
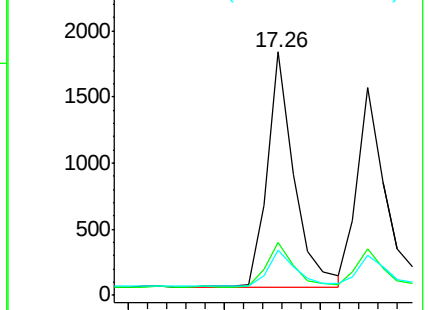
179 18.5 13.0 19.4



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: 0.11 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.09 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

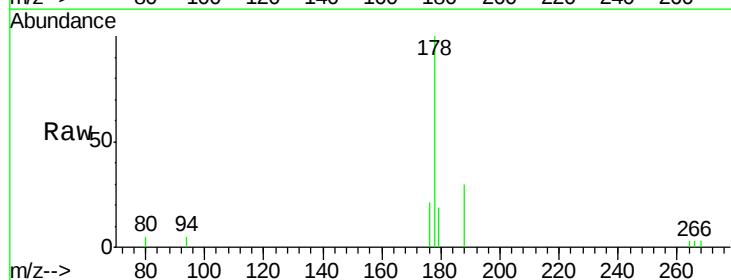
Tgt Ion:178 Resp: 3456

Ion Ratio Lower Upper

178 100

176 21.5 14.6 21.8

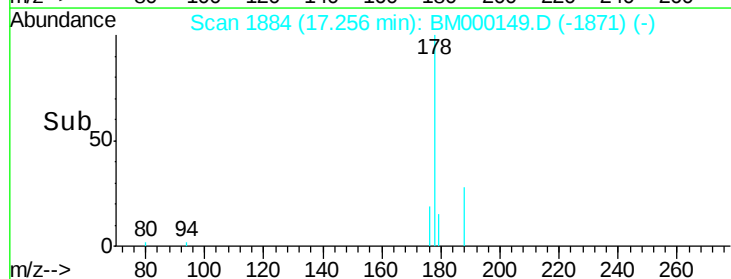
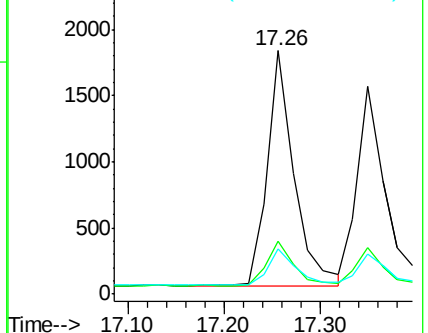
179 18.5 13.1 19.7

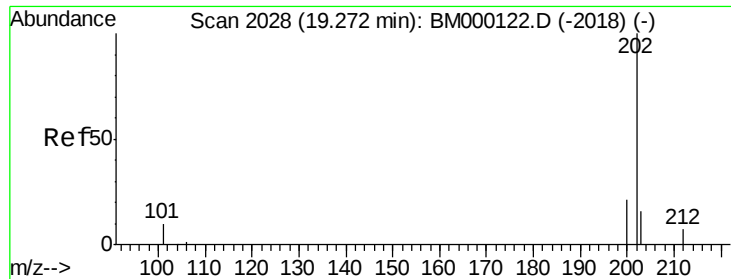


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

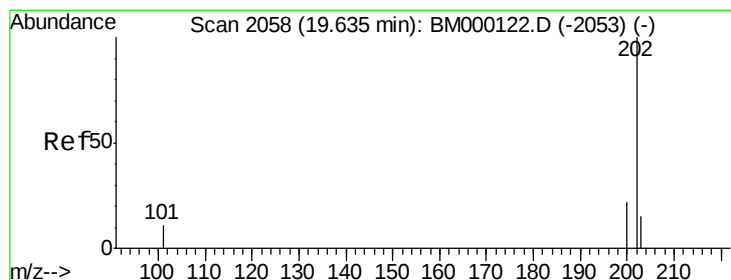
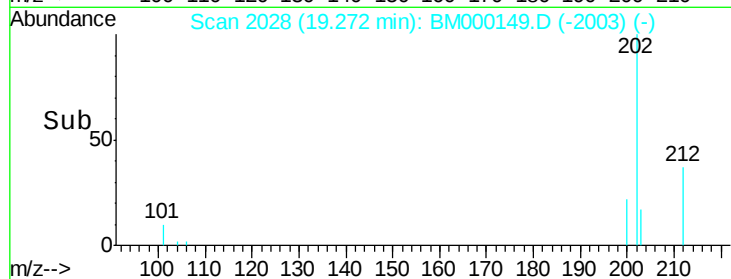
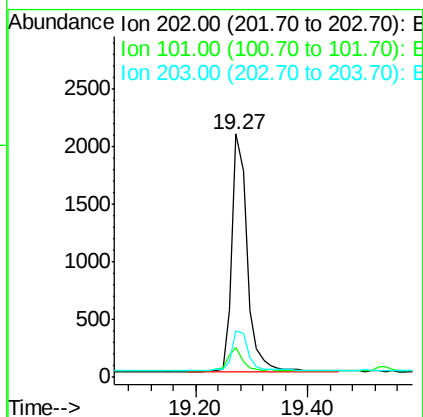
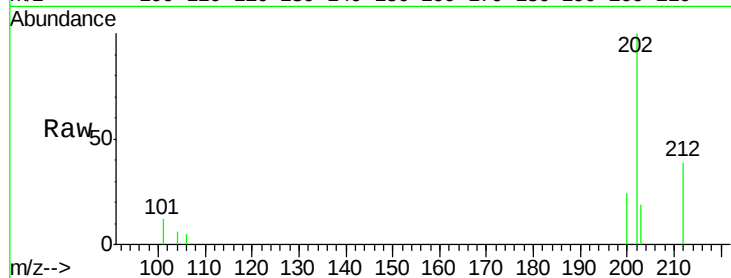
Ion 179.00 (178.70 to 179.70): E





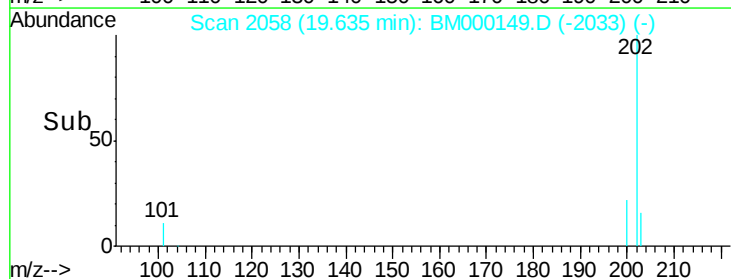
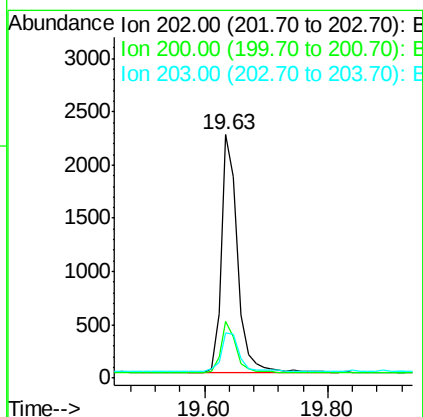
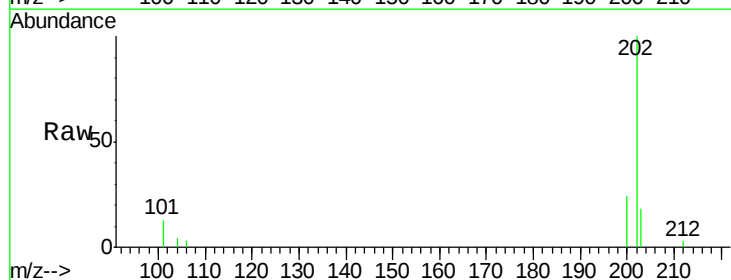
#15
Fluoranthene
Concen: 0.11 ng/ul
RT: 19.27 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BM000149.D
Acq: 08 Jan 2015 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.5
203	19.0	0.0	36.6



#17
Pyrene
Concen: 0.11 ng/ul
RT: 19.63 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM000149.D
Acq: 08 Jan 2015 19:06

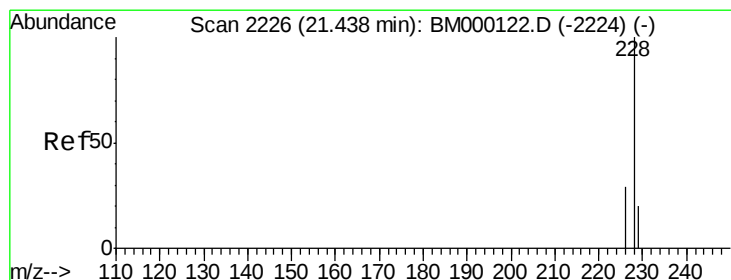
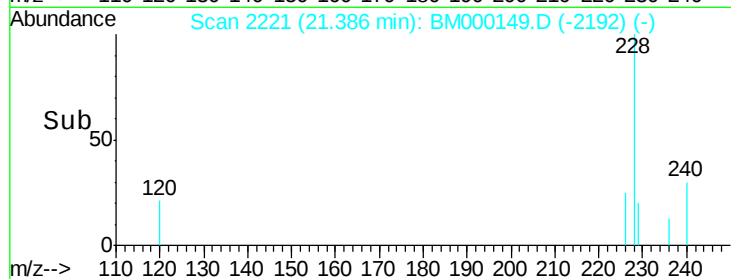
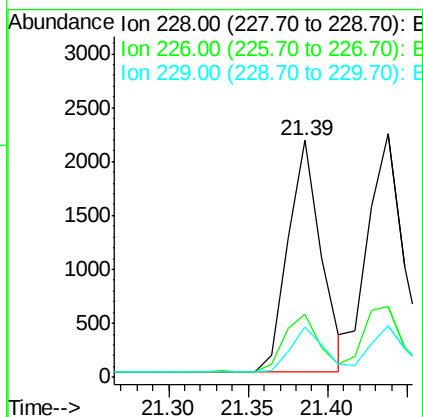
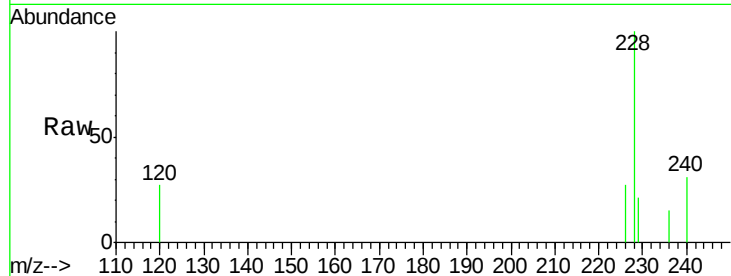
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.9	26.9
203	18.4	12.8	19.2





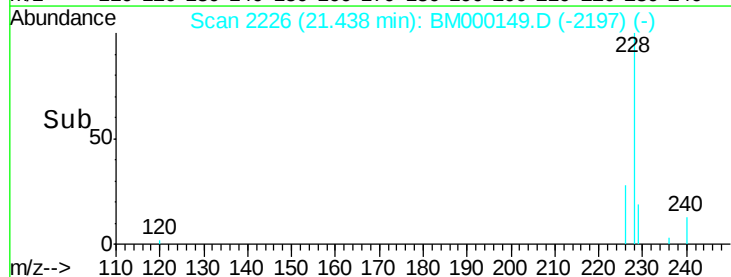
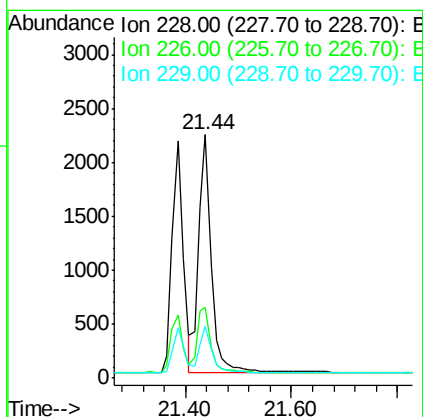
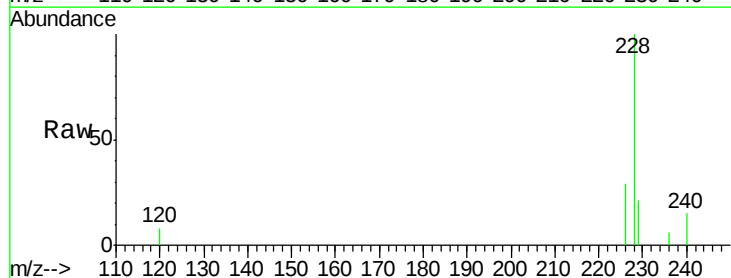
#18
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.39 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BM000149.D
Acq: 08 Jan 2015 19:06

Tgt Ion:228 Resp: 3108
Ion Ratio Lower Upper
228 100
226 26.5 20.8 31.2
229 21.4 15.5 23.3



#19
Chrysene
Concen: 0.11 ng/ul
RT: 21.44 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BM000149.D
Acq: 08 Jan 2015 19:06

Tgt Ion:228 Resp: 3689
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.6
229 21.1 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 23.00 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

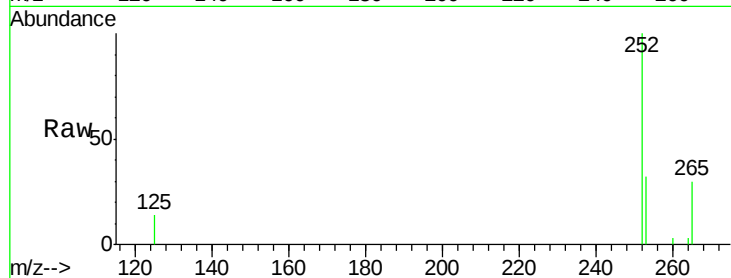
Tgt Ion:252 Resp: 3221

Ion Ratio Lower Upper

252 100

253 32.5 0.0 48.2

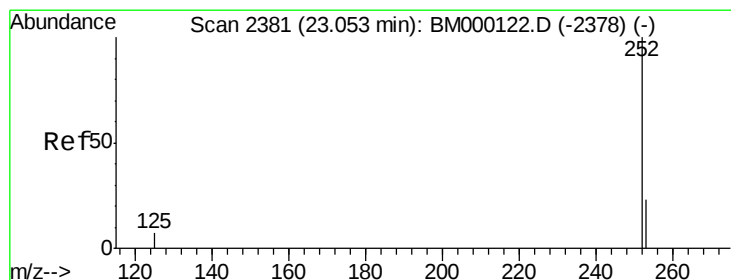
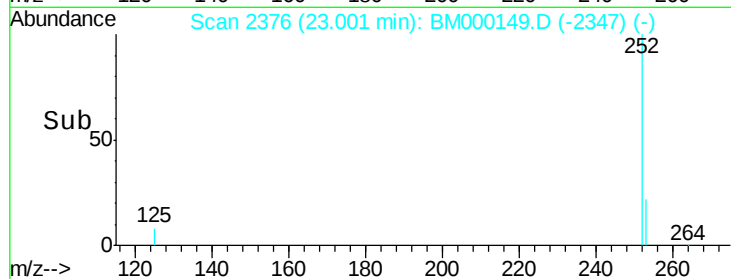
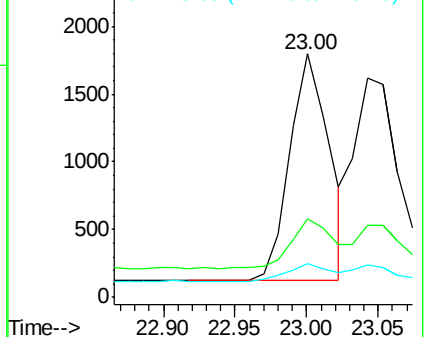
125 13.6 0.0 21.6



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: 0.11 ng/ul

RT: 23.04 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

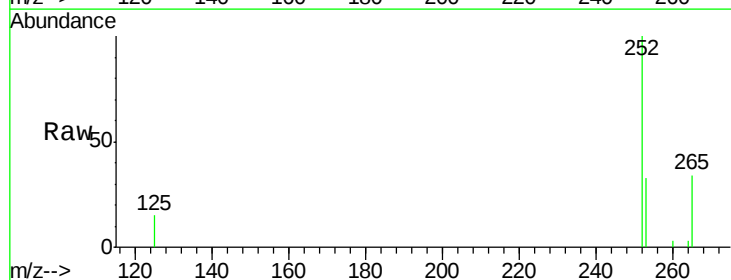
Tgt Ion:252 Resp: 3532

Ion Ratio Lower Upper

252 100

253 32.7 20.5 30.7#

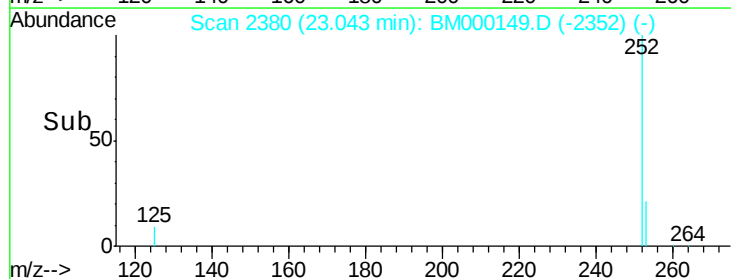
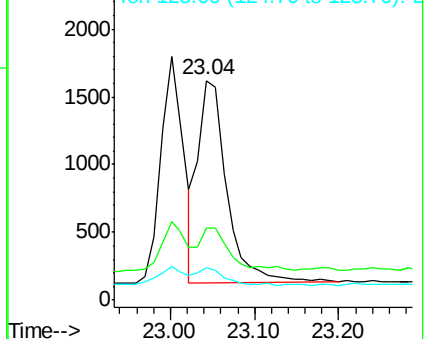
125 14.7 7.8 11.8#



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: 0.11 ng/ul

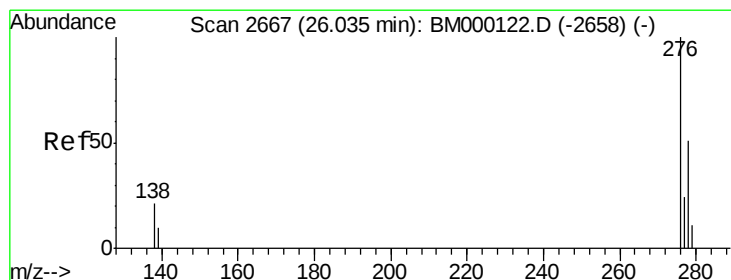
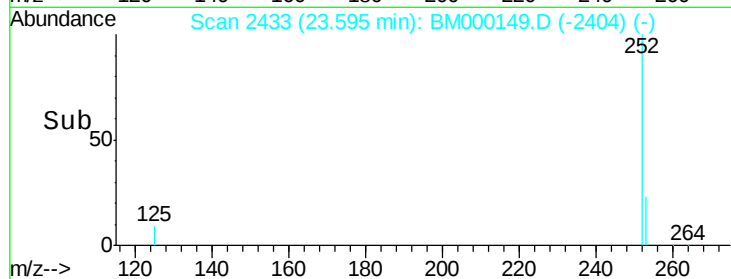
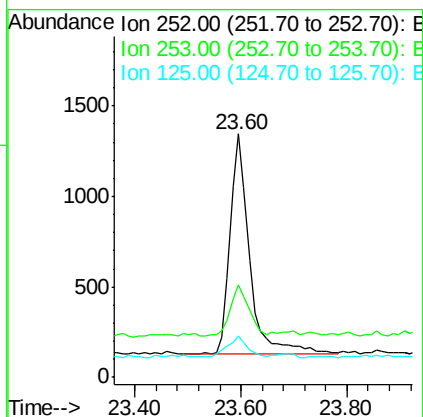
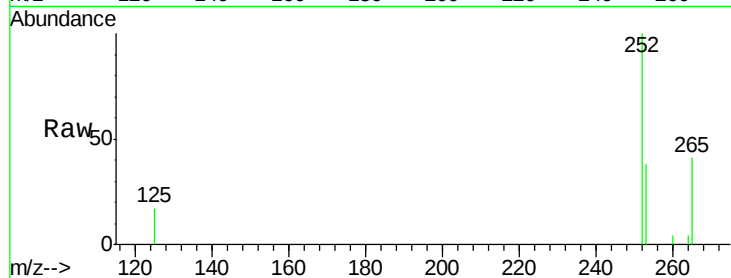
RT: 23.60 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

Tgt Ion:	252	Resp:	3142
Ion	Ratio	Lower	Upper
252	100		
253	38.1	19.8	29.6#
125	16.8	9.2	13.8#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng/ul

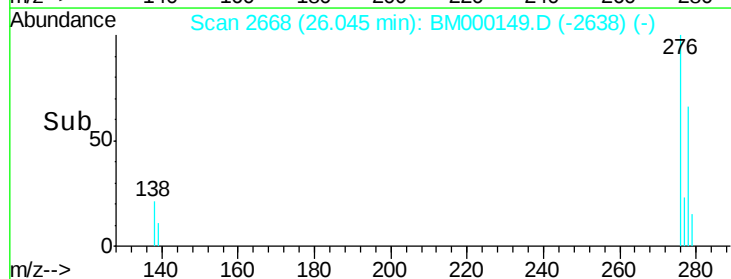
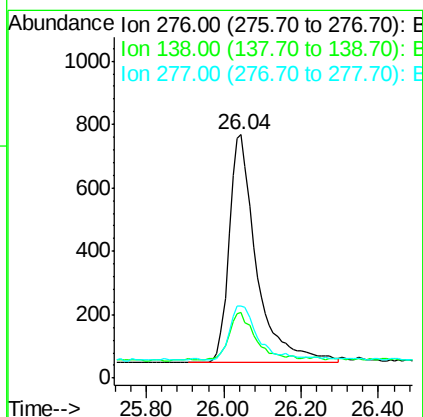
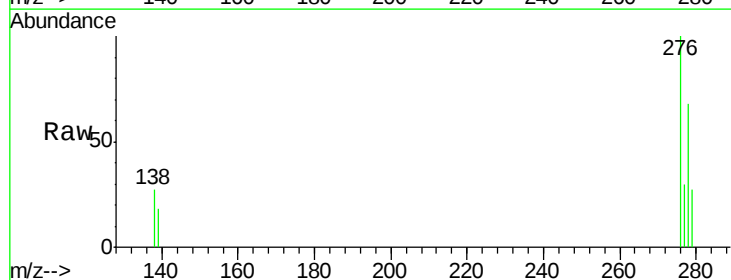
RT: 26.04 min Scan# 2668

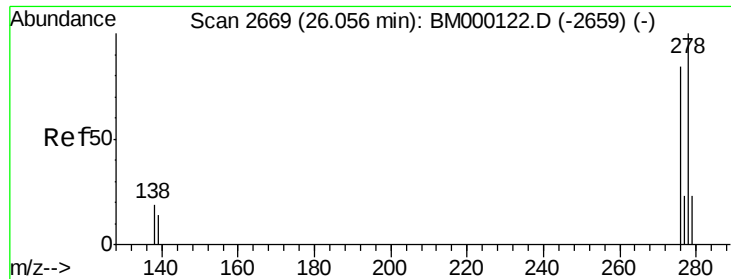
Delta R.T. 0.01 min

Lab File: BM000149.D

Acq: 08 Jan 2015 19:06

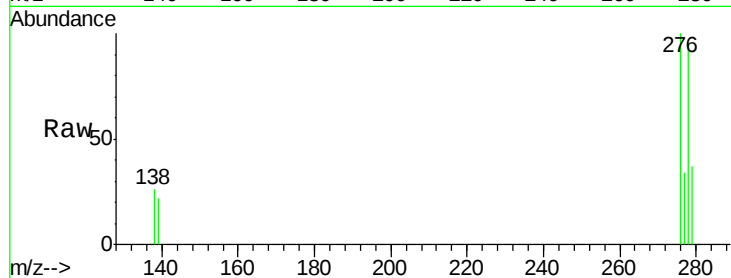
Tgt Ion:	276	Resp:	3546
Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.6	26.4
277	23.6	19.9	29.9



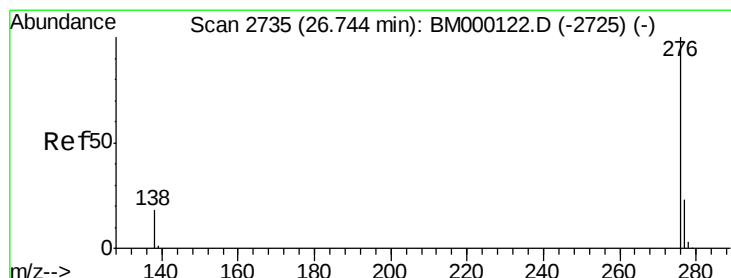
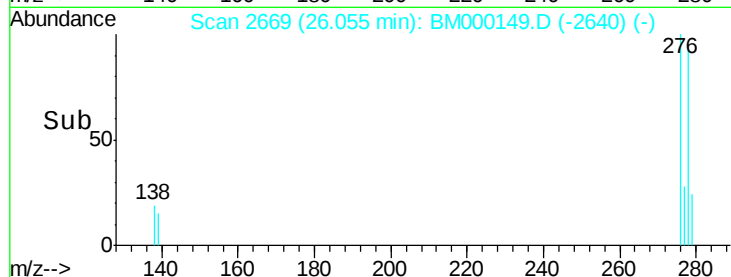
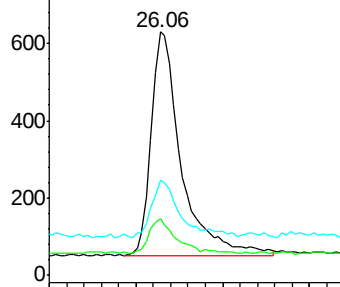


#25
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng/ul
 RT: 26.06 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: BM000149.D
 Acq: 08 Jan 2015 19:06

Tgt Ion: 278 Resp: 2766
 Ion Ratio Lower Upper
 278 100
 139 23.2 12.6 18.8#
 279 38.9 20.6 30.8#

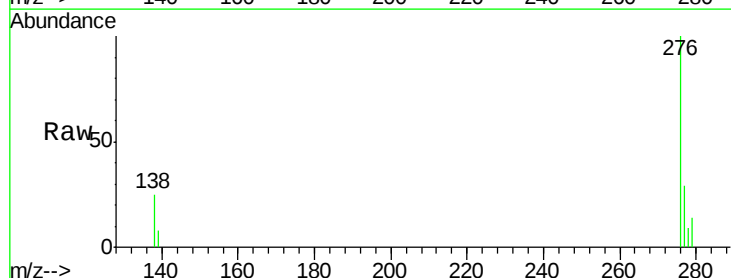


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.11 ng/ul
 RT: 26.74 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: BM000149.D
 Acq: 08 Jan 2015 19:06

Tgt Ion: 276 Resp: 3175
 Ion Ratio Lower Upper
 276 100
 277 29.2 20.0 30.0
 138 24.6 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

