

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002684.D
 Acq On : 11 Sep 2015 16:47
 Operator : UM/IZ
 Sample : MDL-03-W
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 12 01:35:36 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 : Sat Sep 12 01:33:03 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7622	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	30872	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13873	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	24491	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	20424	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	19968	0.40	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.83	96	12	0.00	ng/uL	0.02
6) 2-Methylnaphthalene-d10	13.17	152	15846	0.38	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	20970	0.38	ng/ul	0.00

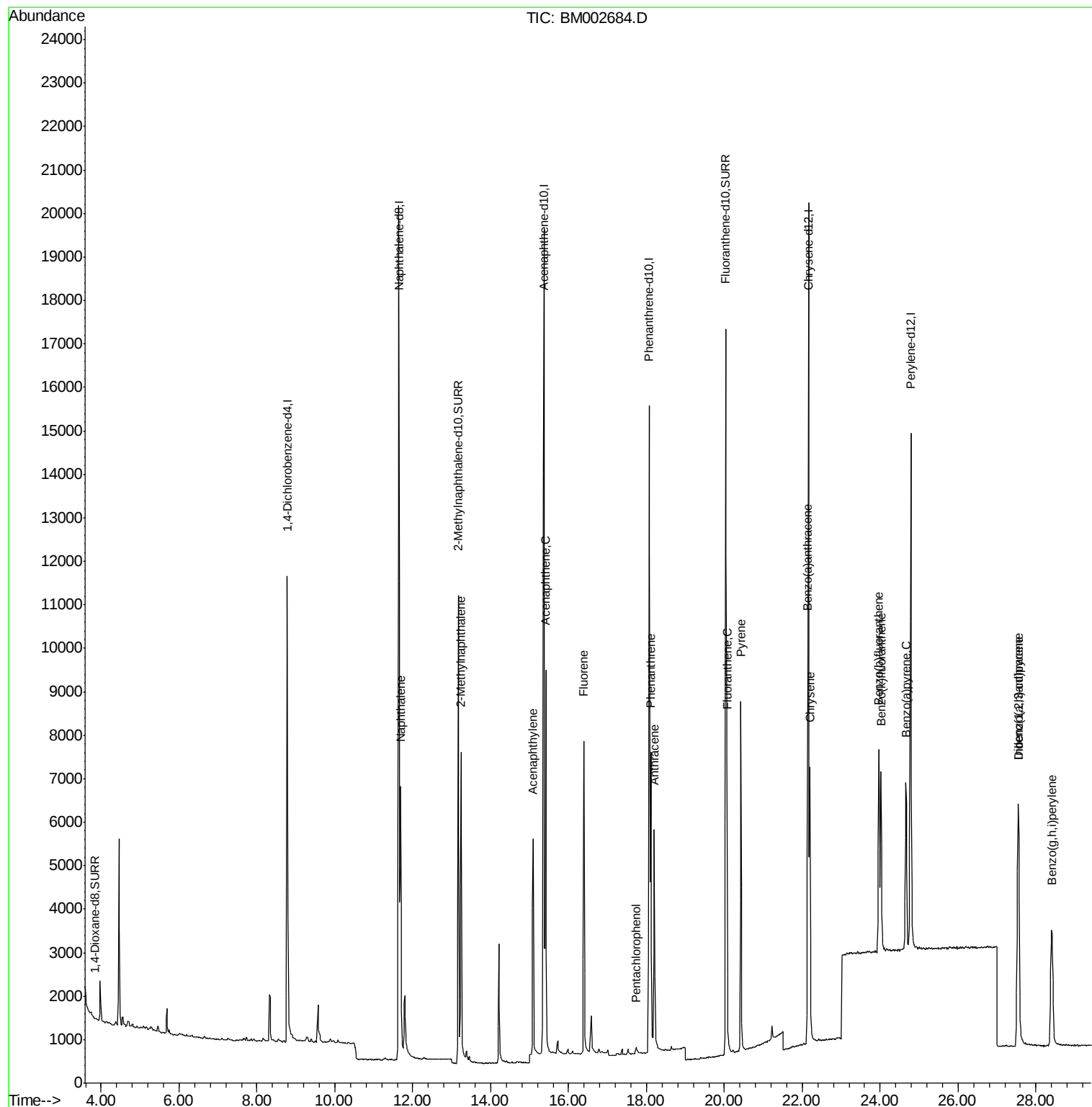
Target Compounds

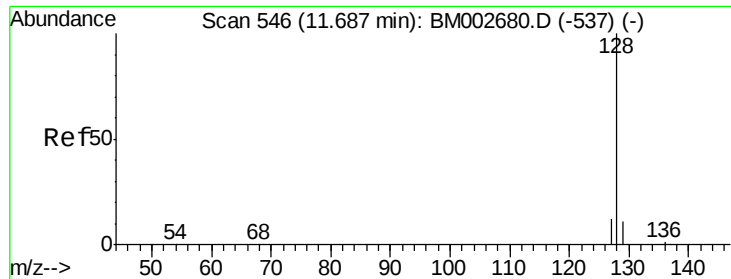
						Ovalue
5) Naphthalene	11.69	128	8801	0.11	ng/ul	100
7) 2-Methylnaphthalene	13.23	142	6043	0.11	ng/ul	95
9) Acenaphthylene	15.09	152	7385	0.10	ng/ul	97
10) Acenaphthene	15.42	153	5431	0.10	ng/ul	94
11) Fluorene	16.39	166	5516	0.10	ng/ul	90
13) Pentachlorophenol	17.74	266	299	0.13	ng/ul	89
14) Phenanthrene	18.11	178	7715	0.11	ng/ul	99
15) Anthracene	18.20	178	7003	0.10	ng/ul	98
17) Fluoranthene	20.07	202	7901	0.10	ng/ul	90
19) Pyrene	20.42	202	8014	0.10	ng/ul	96
20) Benzo(a)anthracene	22.14	228	6939	0.10	ng/ul	96
21) Chrysene	22.20	228	7026	0.11	ng/ul	93
23) Benzo(b)fluoranthene	23.96	252	7473	0.11	ng/ul	84
24) Benzo(k)fluoranthene	24.02	252	7009	0.11	ng/ul#	81
25) Benzo(a)pyrene	24.66	252	6683	0.10	ng/ul#	82
26) Indeno(1,2,3-cd)pyrene	27.55	276	7801	0.10	ng/ul	98
27) Dibenzo(a,h)anthracene	27.55	278	5835	0.09	ng/ul	91
28) Benzo(a,h,i)perylene	28.40	276	7097	0.11	ng/ul	94

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

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Quant Time: Sep 12 01:35:36 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
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QLast Update : Sat Sep 12 01:33:03 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.11 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

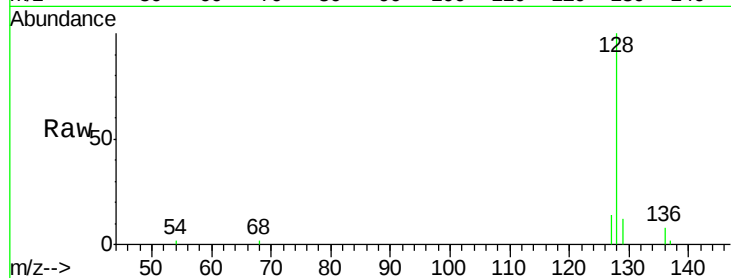
Tot Ion:128 Resp: 8801

Ion Ratio Lower Upper

128 100

129 12.4 9.8 14.8

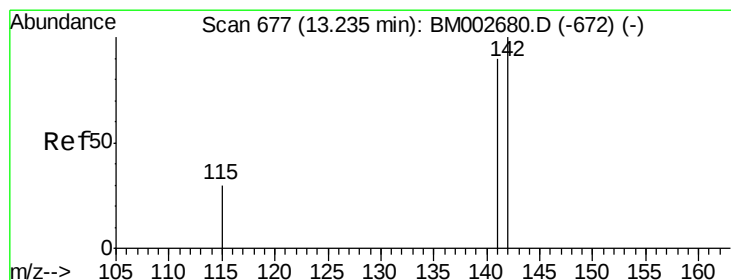
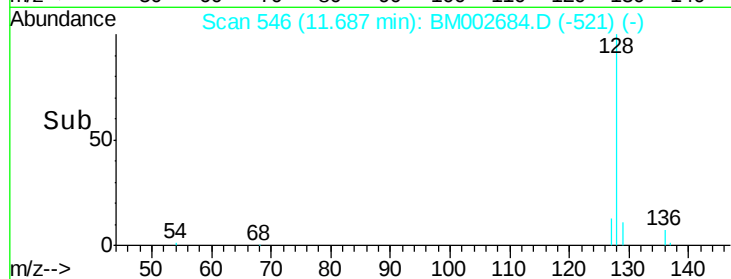
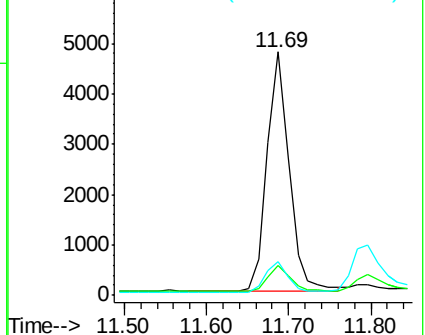
127 13.6 10.7 16.1



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: 0.11 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002684.D

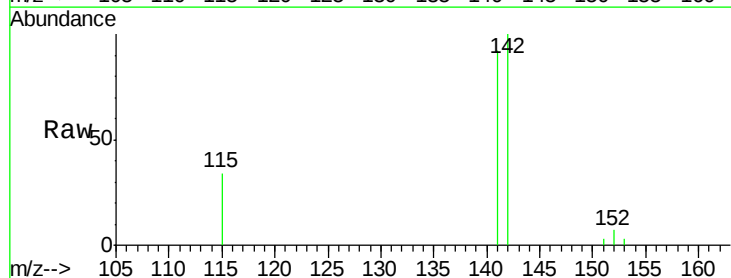
Acq: 11 Sep 2015 16:47

Tgt Ion:142 Resp: 6043

Ion Ratio Lower Upper

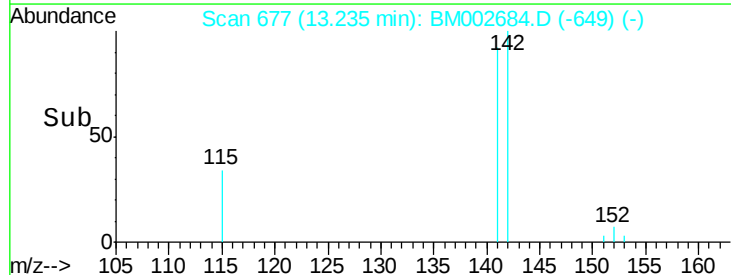
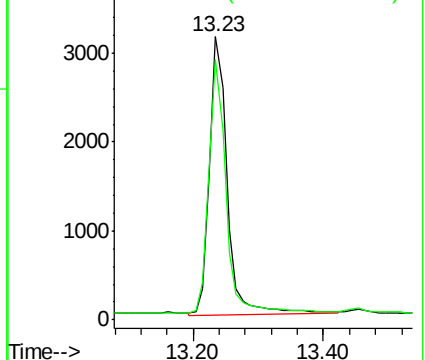
142 100

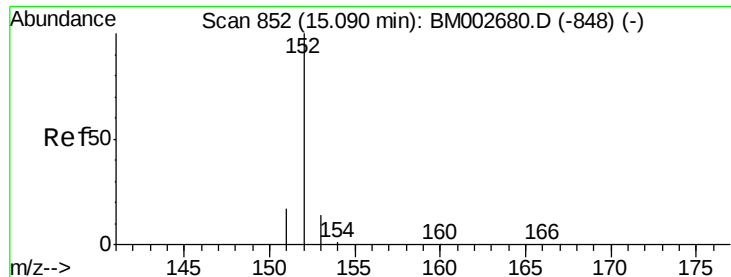
141 92.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 15.09 min Scan# 852

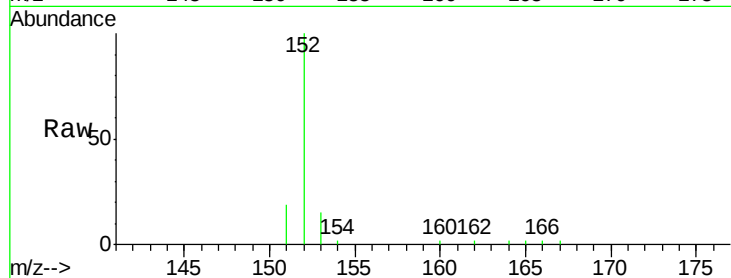
Delta R.T. -0.00 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

Tot Ion:152 Resp: 7385

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.8	25.2
153	15.1	11.3	16.9

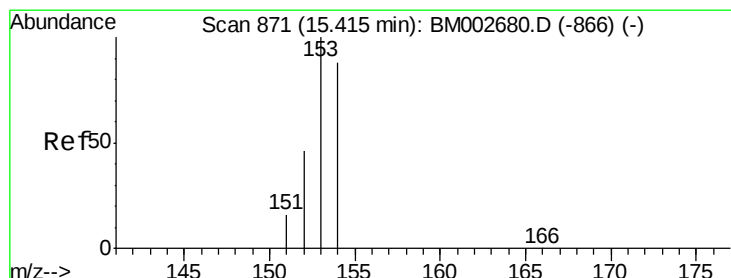
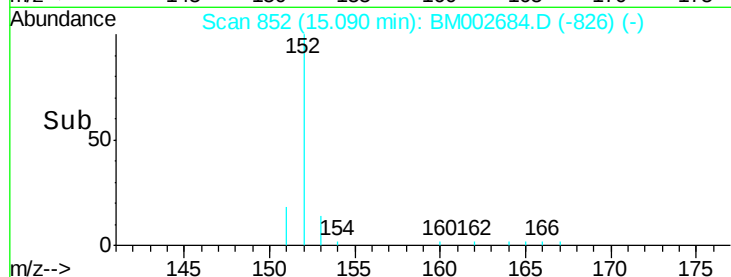
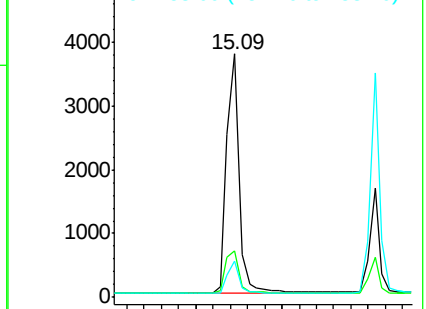


Abundance

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: 0.10 ng/ul

RT: 15.42 min Scan# 871

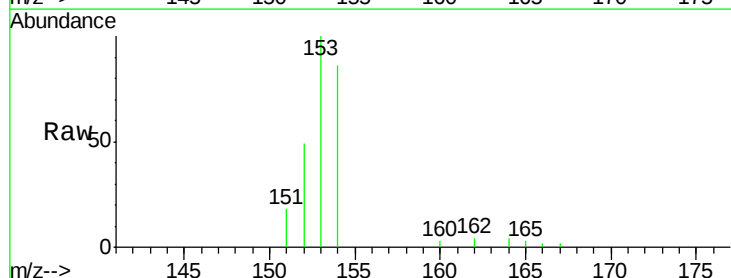
Delta R.T. -0.00 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

Tgt Ion:153 Resp: 5431

Ion	Ratio	Lower	Upper
153	100		
152	48.7	42.3	63.5
154	86.5	64.7	97.1

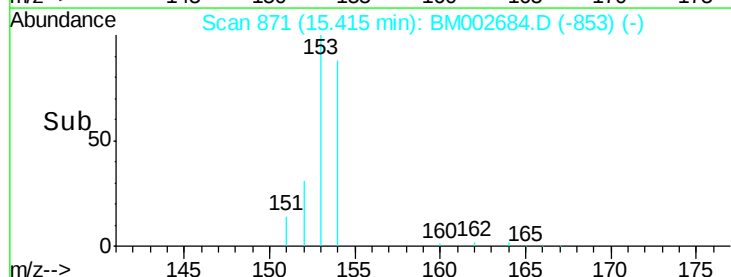
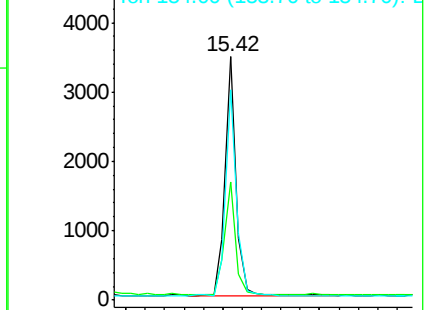


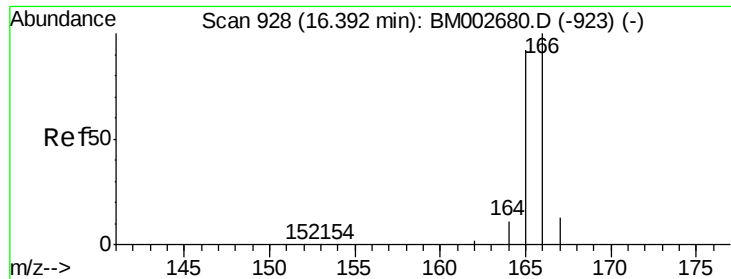
Abundance

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: 0.10 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

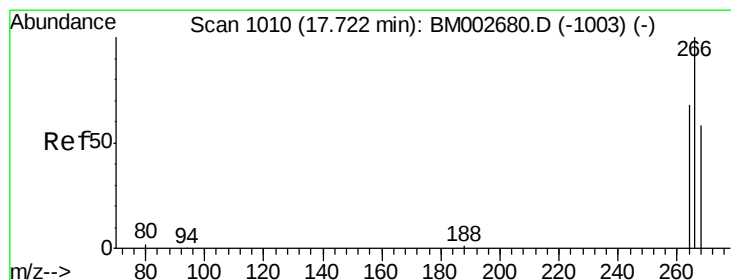
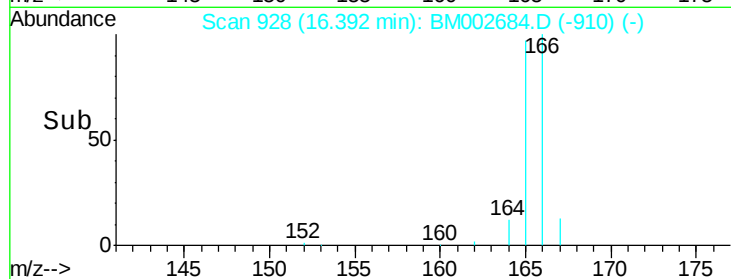
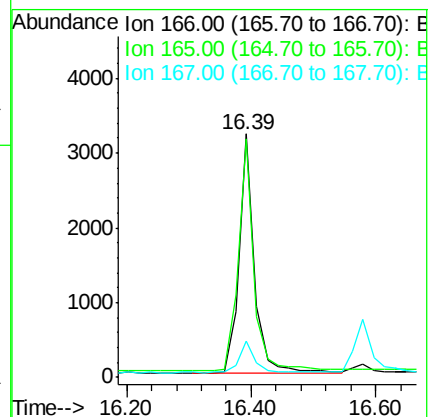
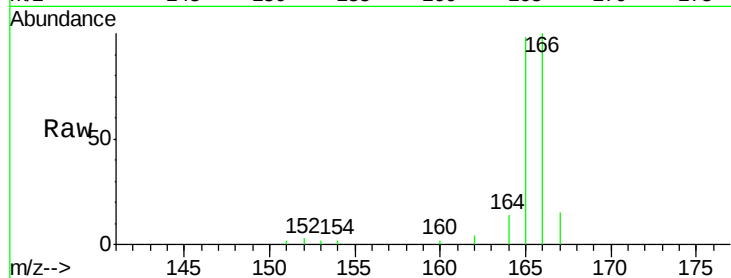
Tot Ion:166 Resp: 5516

Ion Ratio Lower Upper

166 100

165 97.7 87.6 131.4

167 14.9 11.1 16.7



#13

Pentachlorophenol

Concen: 0.13 ng/ul

RT: 17.74 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

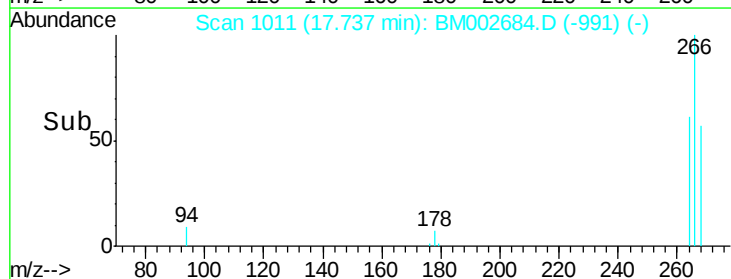
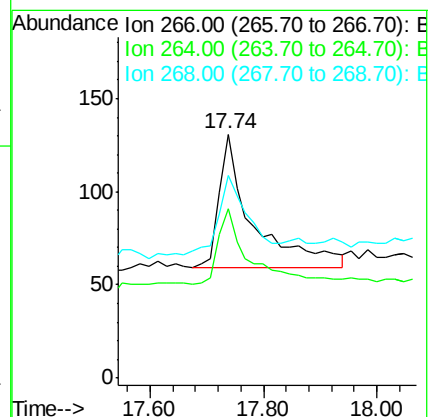
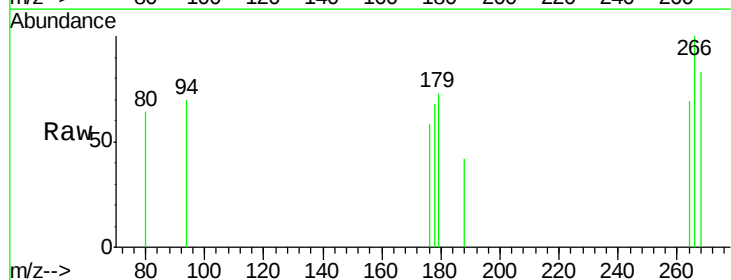
Tgt Ion:266 Resp: 299

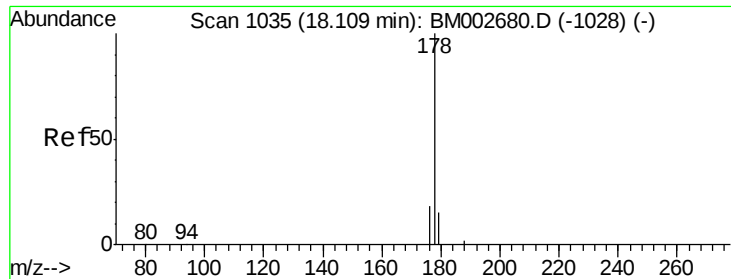
Ion Ratio Lower Upper

266 100

264 54.5 53.5 80.3

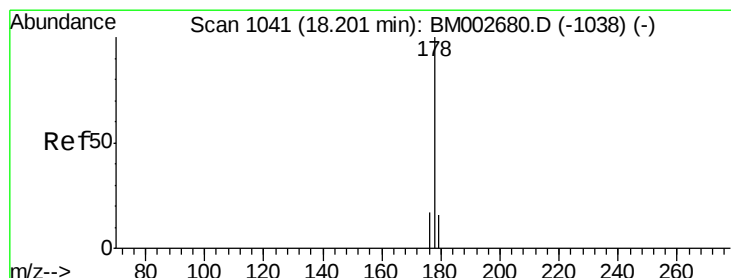
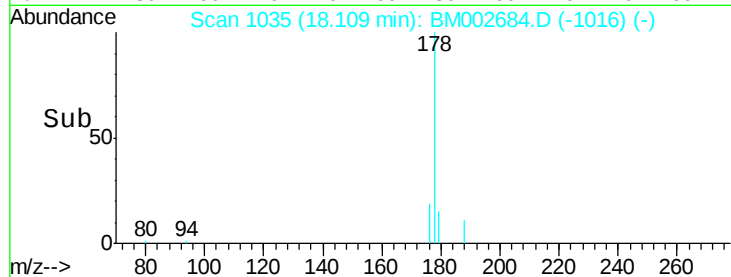
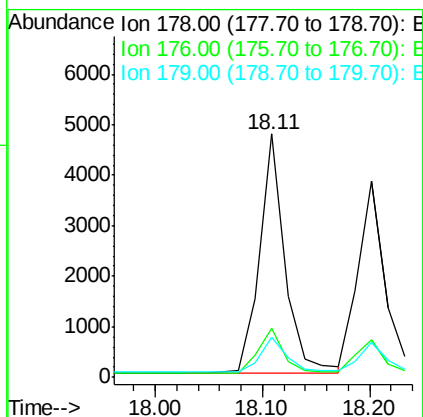
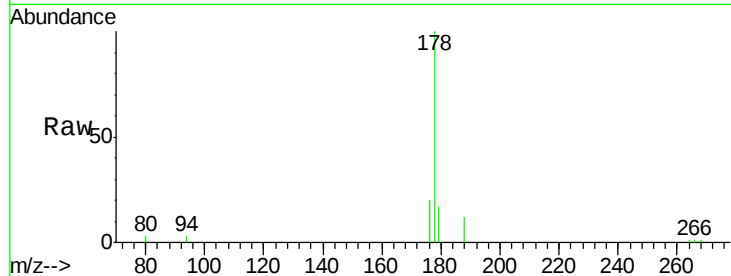
268 62.9 54.2 81.2





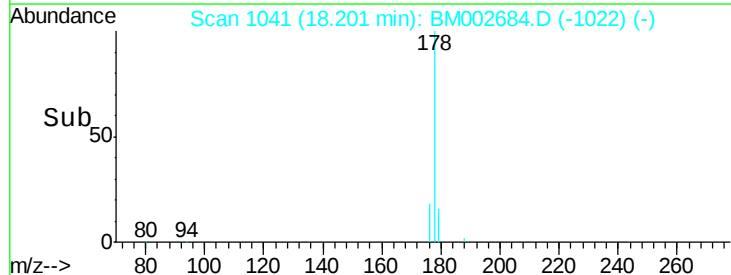
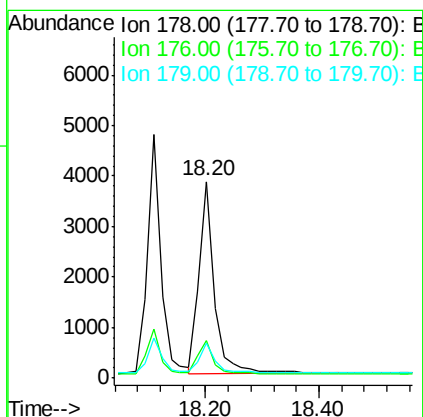
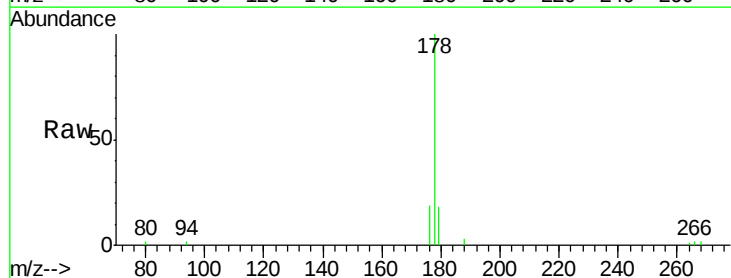
#14
Phenanthrene
Concen: 0.11 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

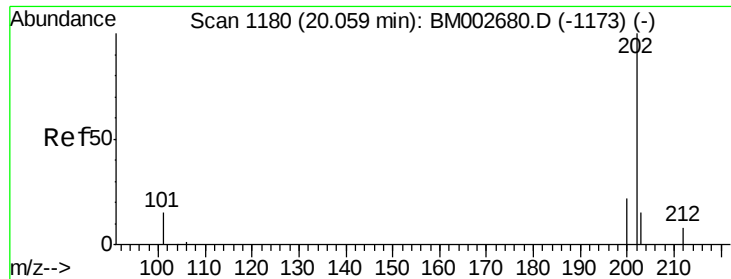
Tot Ion:178 Resp: 7715
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.7 12.8 19.2



#15
Anthracene
Concen: 0.10 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

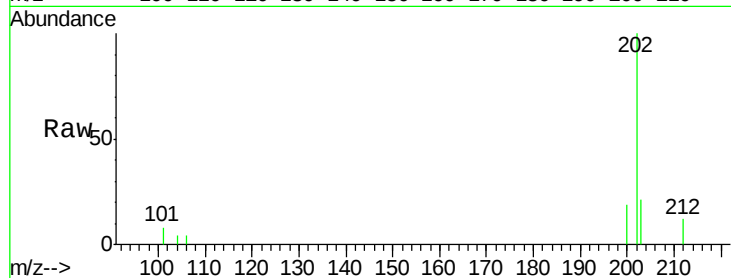
Tgt Ion:178 Resp: 7003
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 18.0 13.3 19.9



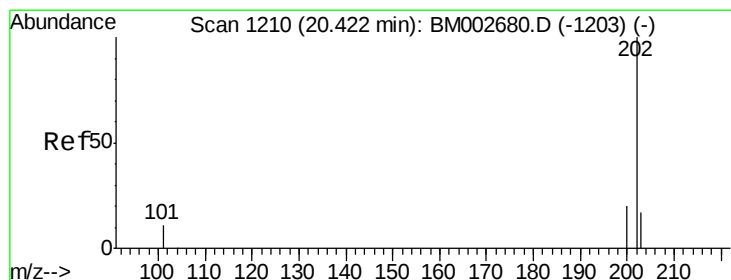
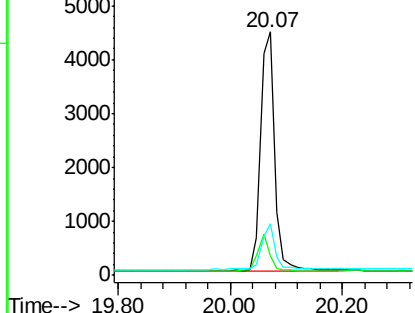
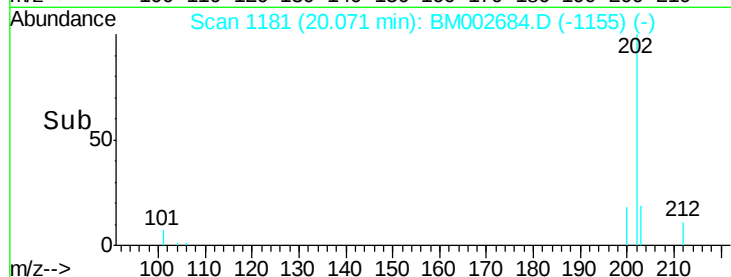


#17
Fluoranthene
Concen: 0.10 ng/ul
RT: 20.07 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

Tot Ion:202 Resp: 7901
Ion Ratio Lower Upper
202 100
101 8.3 0.0 33.1
203 21.0 0.0 37.2

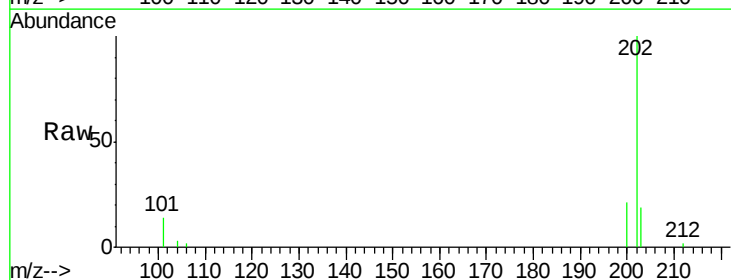


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

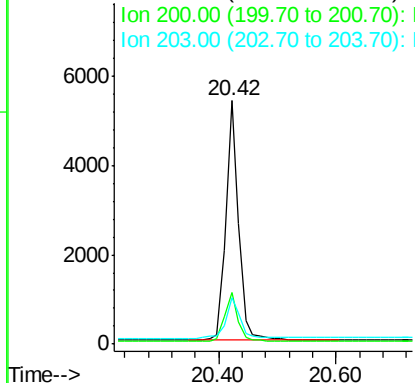
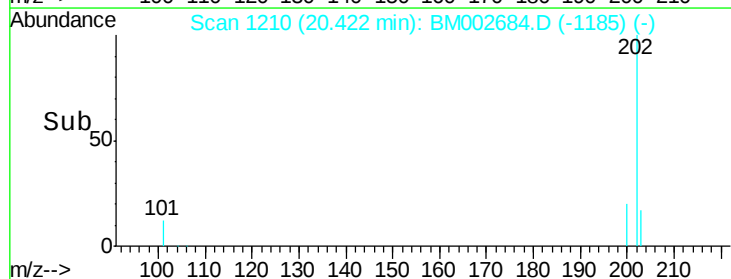


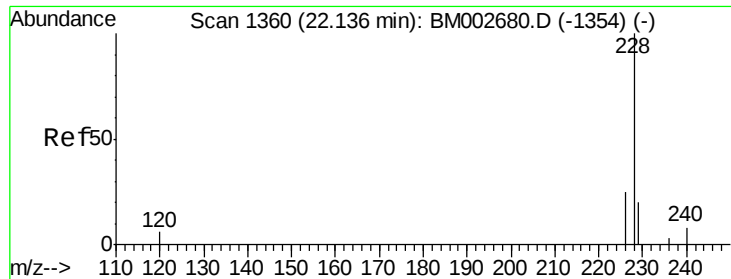
#19
Pyrene
Concen: 0.10 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

Tgt Ion:202 Resp: 8014
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 19.2 13.8 20.6



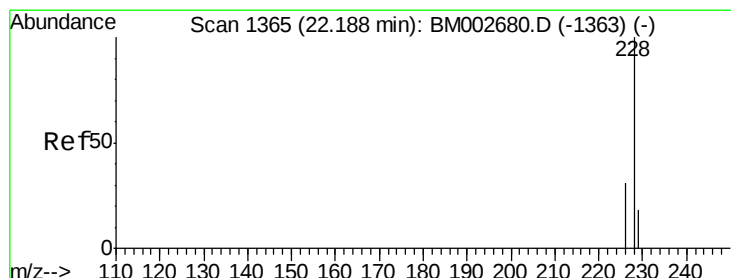
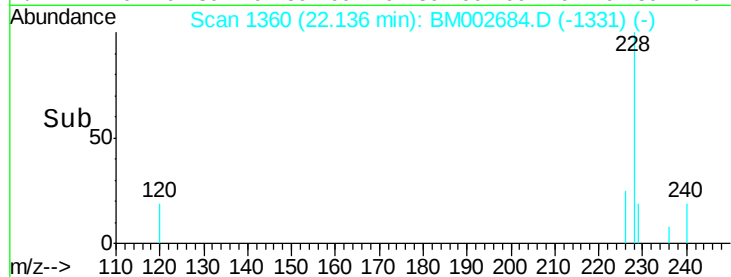
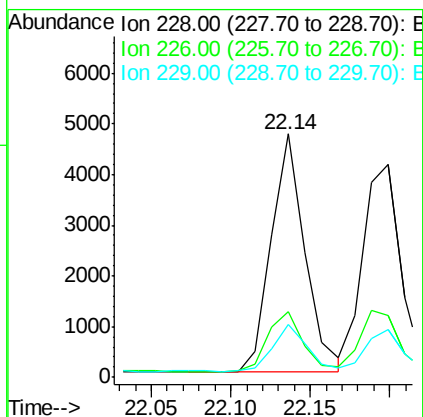
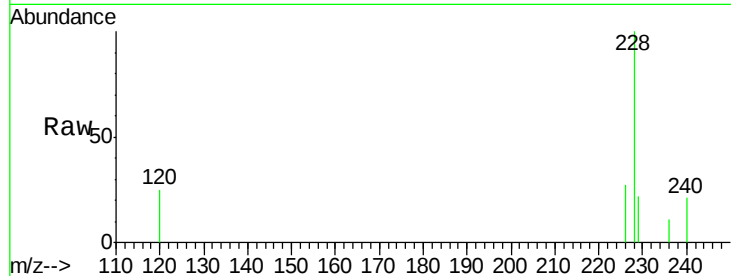
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





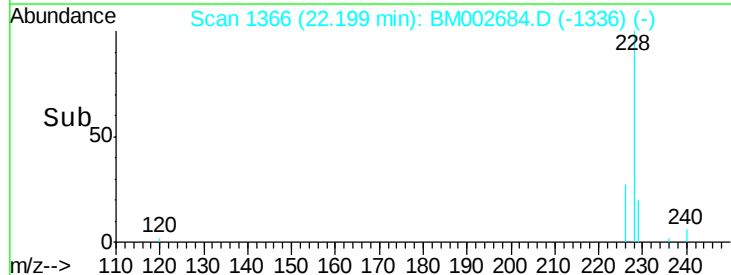
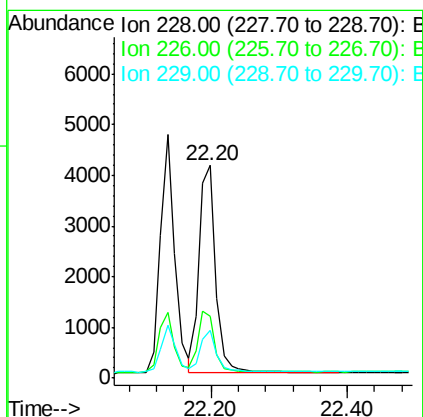
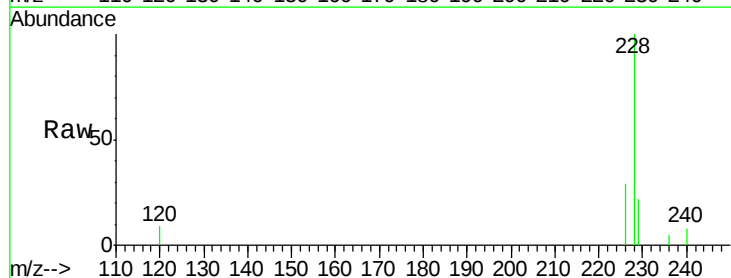
#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.14 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

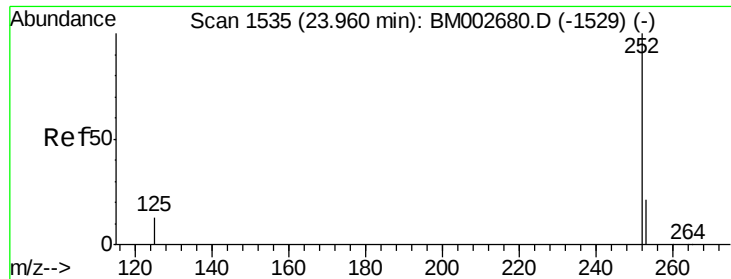
Tot Ion:228 Resp: 6939
Ion Ratio Lower Upper
228 100
226 27.2 23.0 34.4
229 21.5 15.2 22.8



#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.20 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

Tgt Ion:228 Resp: 7026
Ion Ratio Lower Upper
228 100
226 28.8 25.7 38.5
229 22.5 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 0.11 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

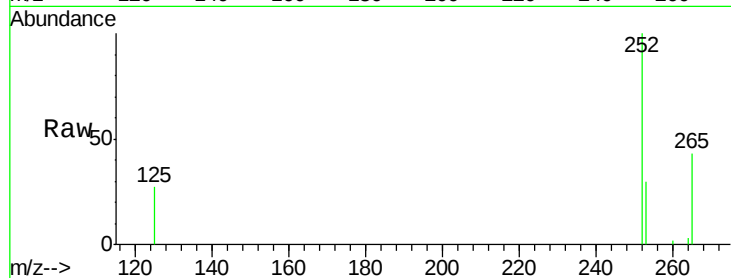
Tot Ion:252 Resp: 7473

Ion Ratio Lower Upper

252 100

253 30.2 0.0 48.0

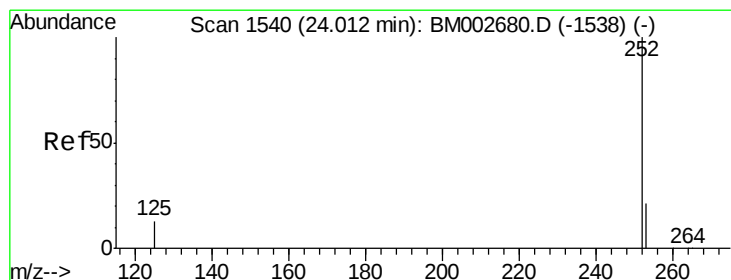
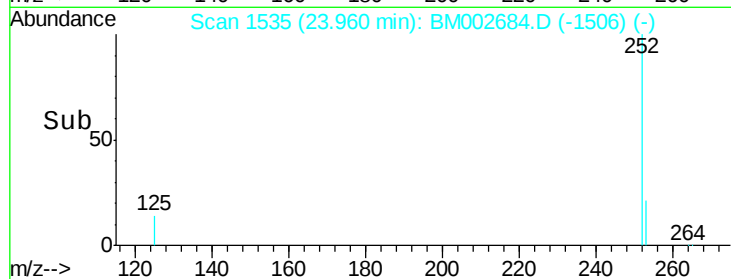
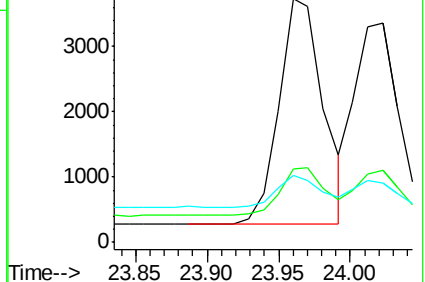
125 27.4 0.0 36.6



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: 0.11 ng/ul

RT: 24.02 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BM002684.D

Acq: 11 Sep 2015 16:47

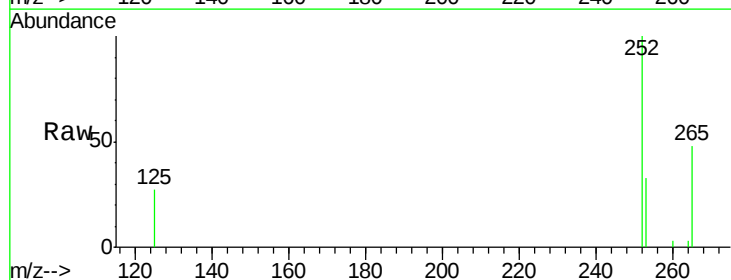
Tgt Ion:252 Resp: 7009

Ion Ratio Lower Upper

252 100

253 32.9 20.8 31.2#

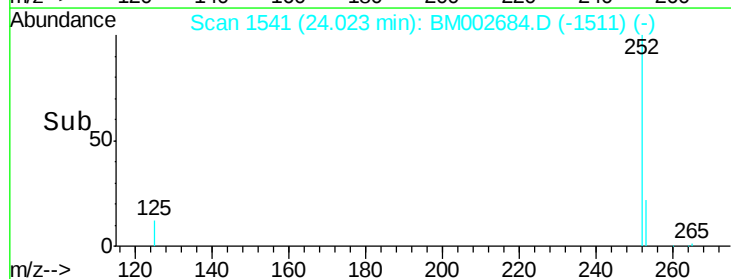
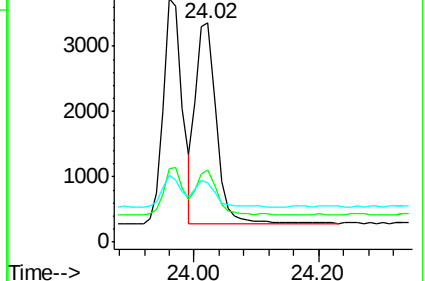
125 27.4 12.2 18.4#

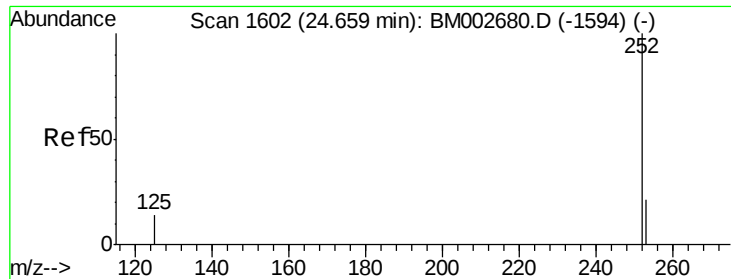


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

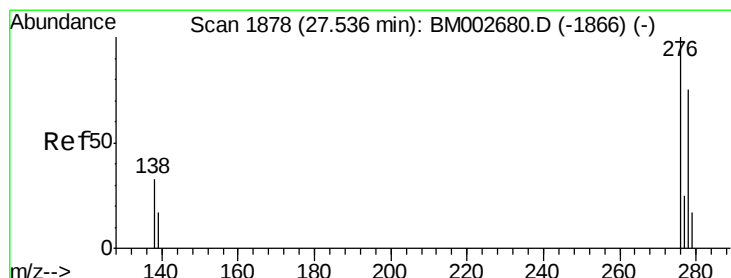
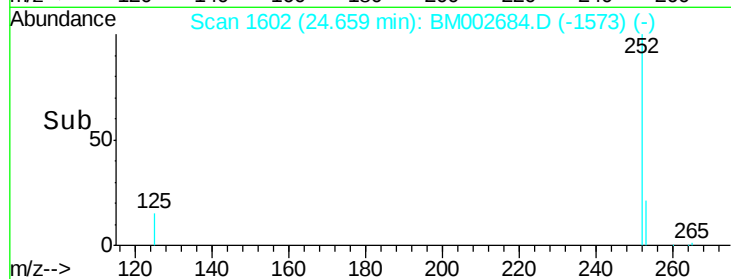
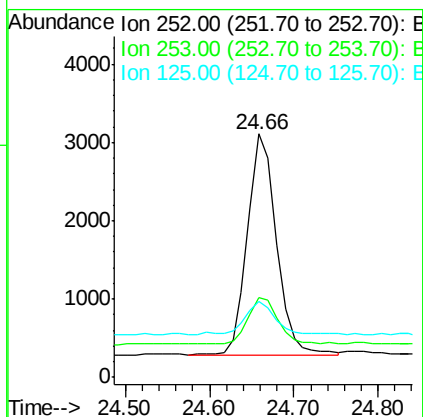
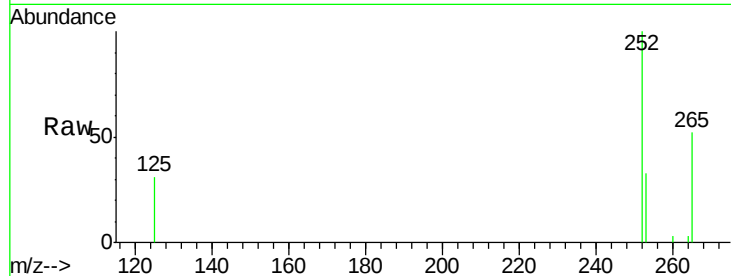
Ion 125.00 (124.70 to 125.70): E





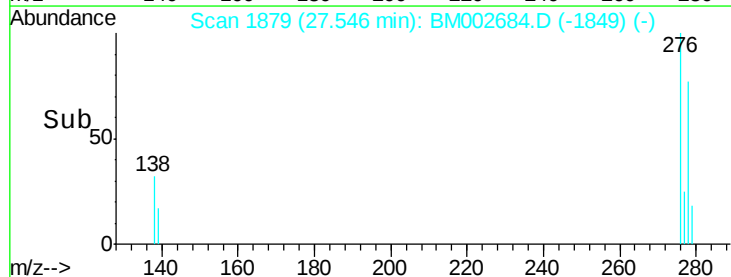
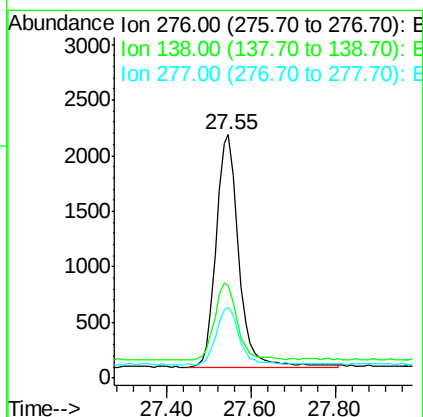
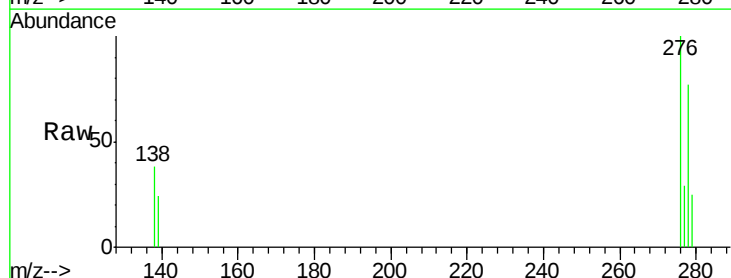
#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

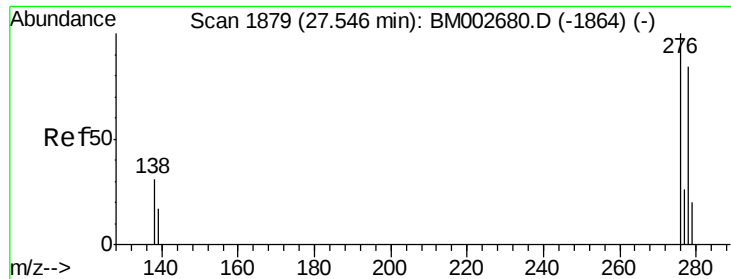
Tot Ion: 252 Resp: 6683
Ion Ratio Lower Upper
252 100
253 32.8 21.8 32.8#
125 31.2 14.5 21.7#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 27.55 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

Tgt Ion: 276 Resp: 7801
Ion Ratio Lower Upper
276 100
138 32.9 27.5 41.3
277 24.7 19.3 28.9

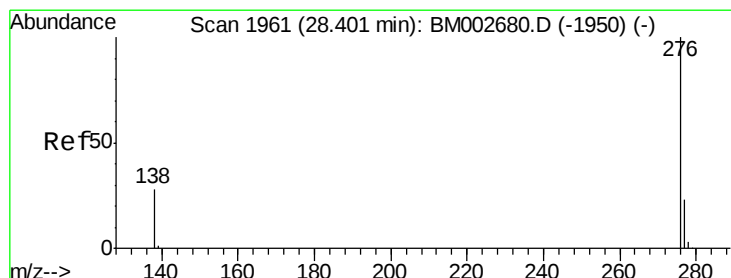
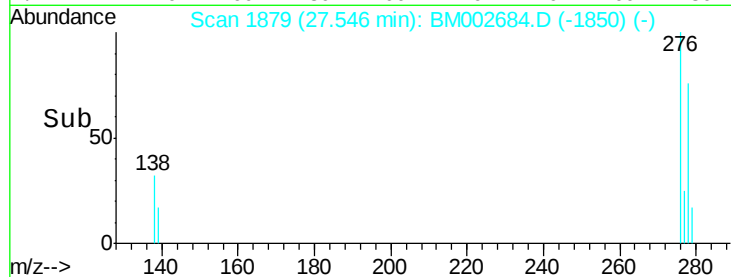
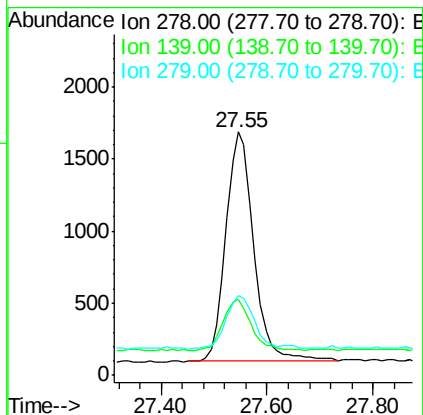
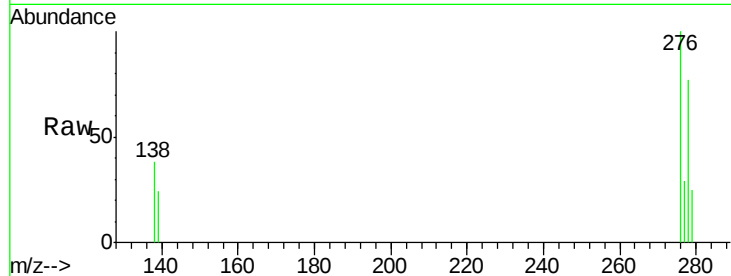




#27
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 27.55 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

Tot Ion: 278 Resp: 5835

Ion	Ratio	Lower	Upper
278	100		
139	31.1	21.7	32.5
279	32.6	21.9	32.9



#28
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 28.40 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM002684.D
Acq: 11 Sep 2015 16:47

Tgt Ion: 276 Resp: 7097

Ion	Ratio	Lower	Upper
276	100		
277	28.9	21.3	31.9
138	35.6	25.5	38.3

