

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091115\
 Data File : BM002696.D
 Acq On : 12 Sep 2015 00:05
 Operator : UM/IZ
 Sample : MDL-06-S
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 12 01:58:57 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 01:57:16 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7716	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	29398	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13332	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	24958	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	21913	0.40	ng/ul	0.00
22) Perylene-d12	24.77	264	21302	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.77	96	45	0.01	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	13.16	152	15230	0.39	ng/ul	-0.01
16) Fluoranthene-d10	20.03	212	21915	0.38	ng/ul	0.00

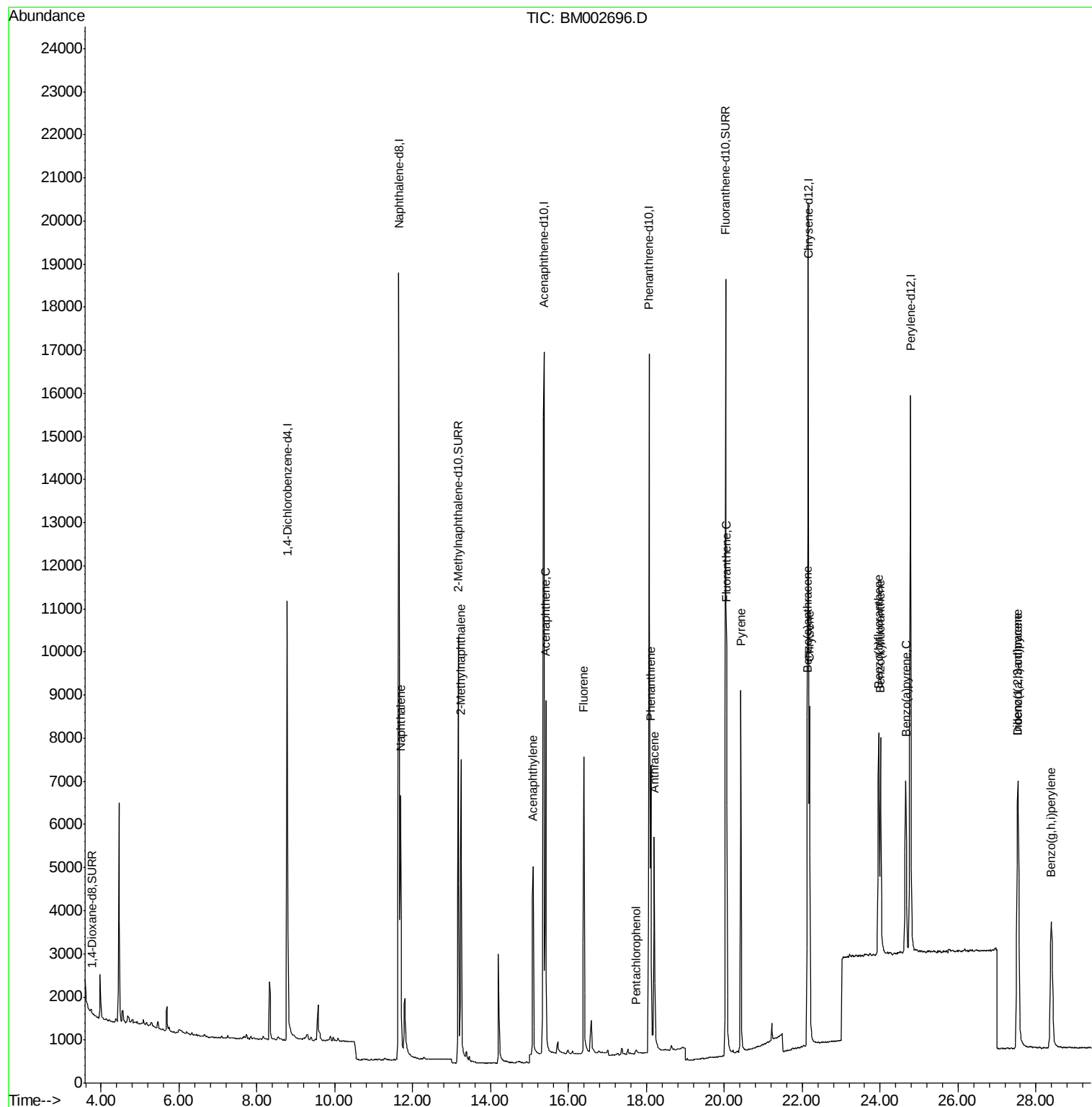
Target Compounds

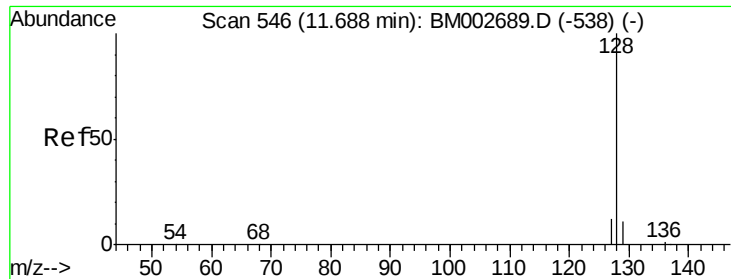
						Ovalue
5) Naphthalene	11.69	128	8895	0.12	ng/ul	100
7) 2-Methylnaphthalene	13.24	142	5911	0.12	ng/ul	97
9) Acenaphthylene	15.09	152	7249	0.10	ng/ul	96
10) Acenaphthene	15.42	153	5200	0.10	ng/ul	89
11) Fluorene	16.39	166	5382	0.10	ng/ul	87
13) Pentachlorophenol	17.74	266	223	0.09	ng/ul	91
14) Phenanthrene	18.11	178	7698	0.10	ng/ul	97
15) Anthracene	18.20	178	7342	0.10	ng/ul	97
17) Fluoranthene	20.06	202	8543	0.11	ng/ul	98
19) Pyrene	20.42	202	8736	0.11	ng/ul	94
20) Benzo(a)anthracene	22.13	228	7538	0.10	ng/ul	98
21) Chrysene	22.19	228	7937	0.11	ng/ul	96
23) Benzo(b)fluoranthene	23.96	252	7843	0.10	ng/ul	86
24) Benzo(k)fluoranthene	24.01	252	7931	0.11	ng/ul#	86
25) Benzo(a)pyrene	24.66	252	7383	0.11	ng/ul#	83
26) Indeno(1,2,3-cd)pyrene	27.54	276	8512	0.10	ng/ul	98
27) Dibenzo(a,h)anthracene	27.54	278	6654	0.10	ng/ul	93
28) Benzo(a,h,i)perylene	28.39	276	7631	0.11	ng/ul	94

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

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Quant Time: Sep 12 01:58:57 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 01:57:16 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.12 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002696.D

Acq: 12 Sep 2015 00:05

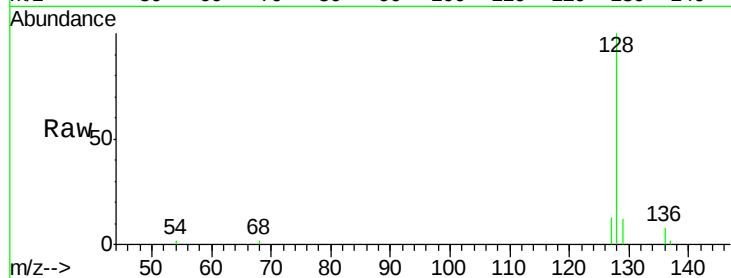
Tot Ion:128 Resp: 8895

Ion Ratio Lower Upper

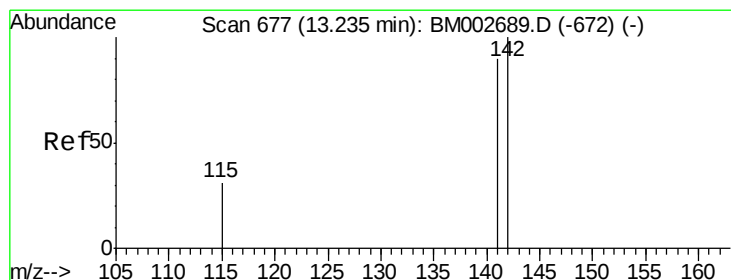
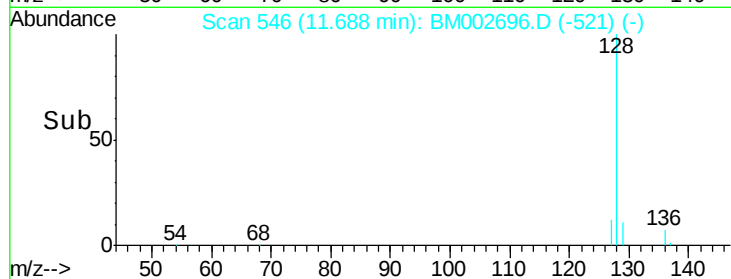
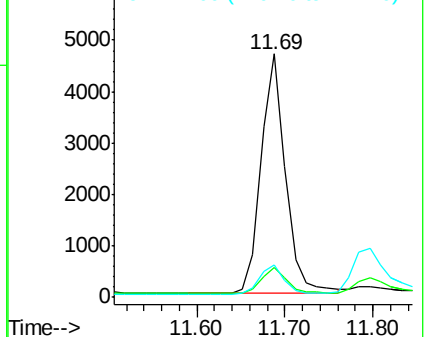
128 100

129 12.3 9.8 14.8

127 13.5 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: 0.12 ng/ul

RT: 13.24 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM002696.D

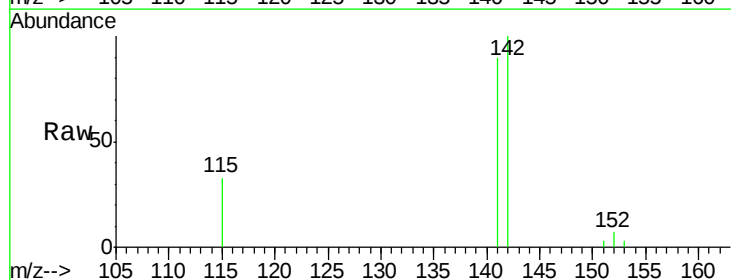
Acq: 12 Sep 2015 00:05

Tgt Ion:142 Resp: 5911

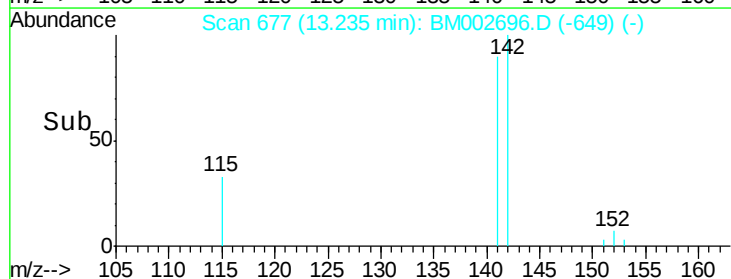
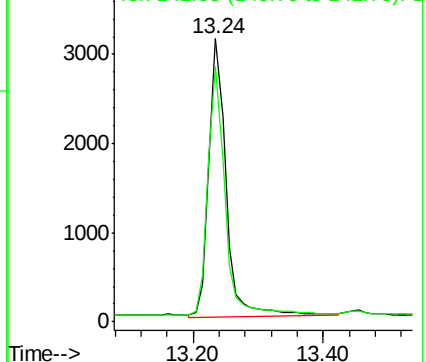
Ion Ratio Lower Upper

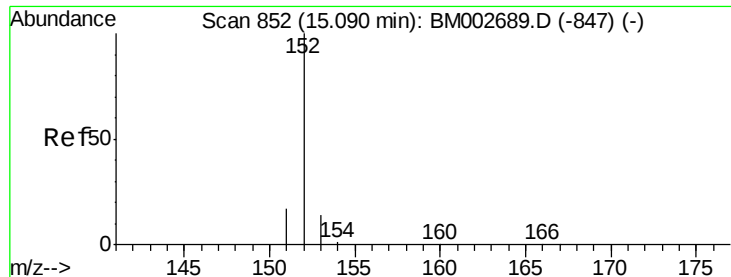
142 100

141 90.9 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

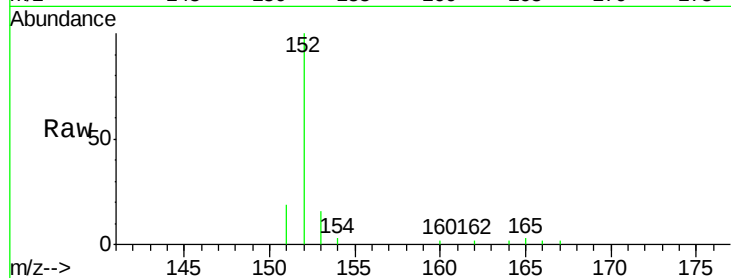
Delta R.T. -0.00 min

Lab File: BM002696.D

Acq: 12 Sep 2015 00:05

Tot Ion:152 Resp: 7249

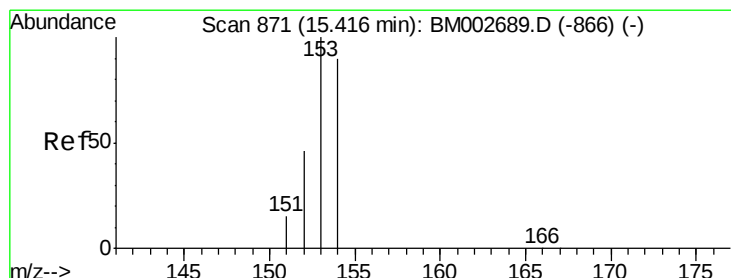
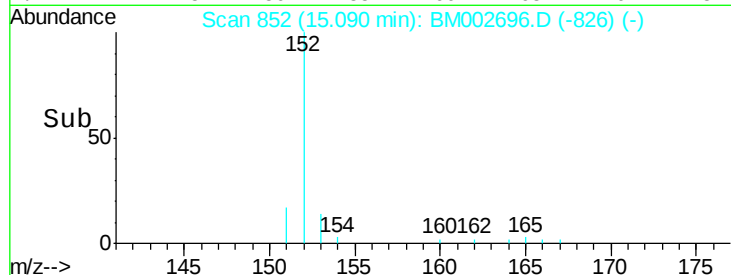
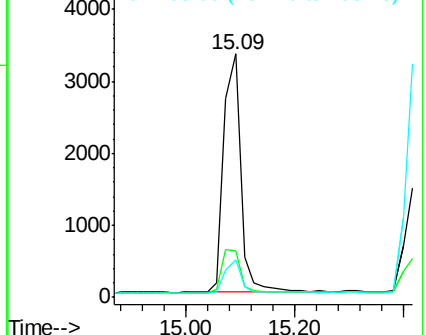
Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.8	25.2
153	15.6	11.3	16.9



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

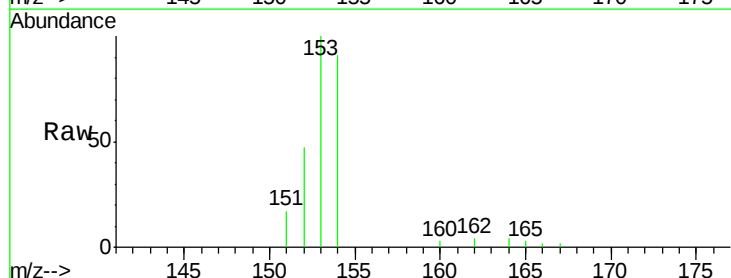
Delta R.T. -0.00 min

Lab File: BM002696.D

Acq: 12 Sep 2015 00:05

Tgt Ion:153 Resp: 5200

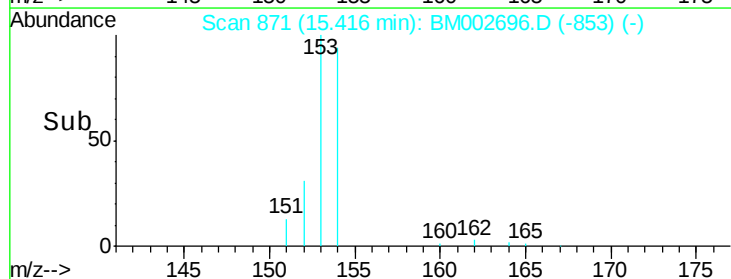
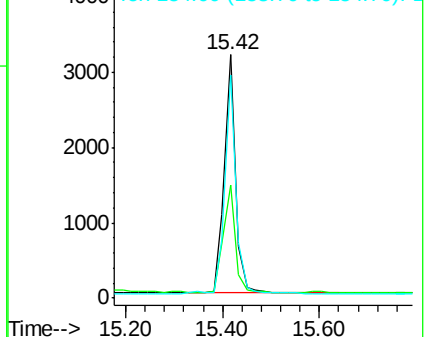
Ion	Ratio	Lower	Upper
153	100		
152	46.7	42.3	63.5
154	91.5	64.7	97.1

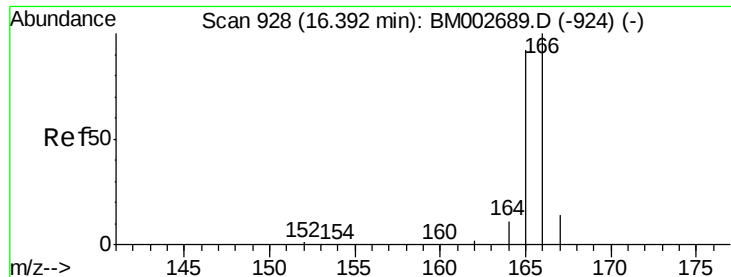


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

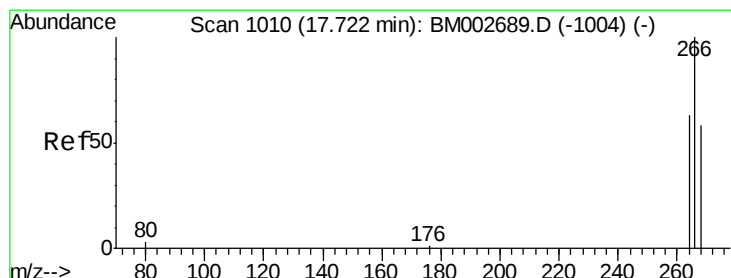
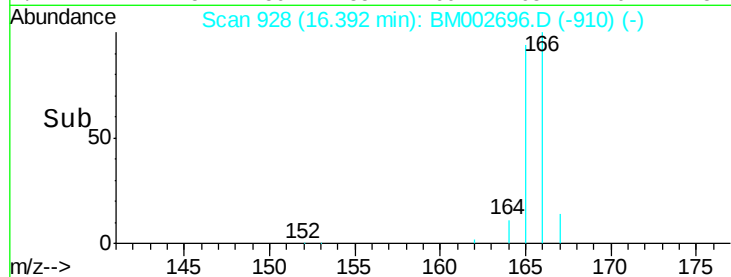
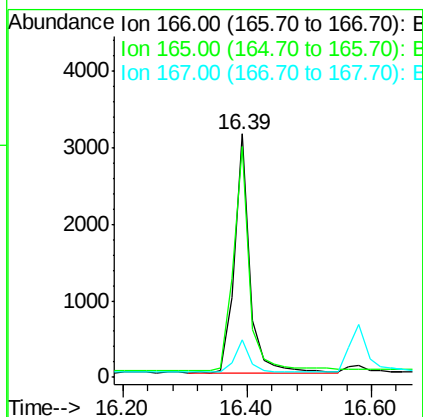
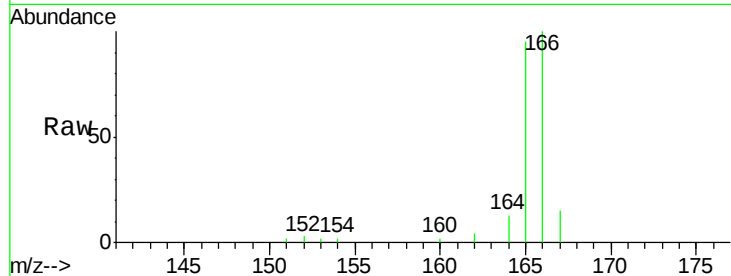
Ion 154.00 (153.70 to 154.70): E





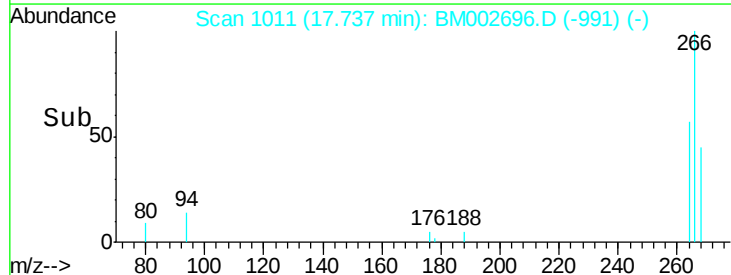
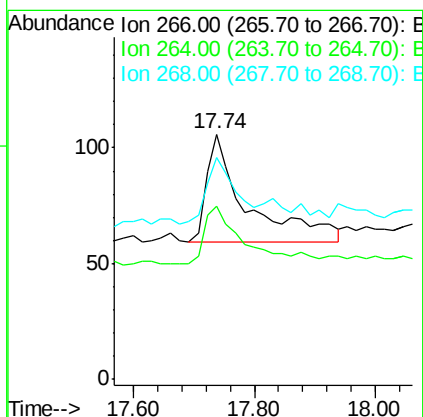
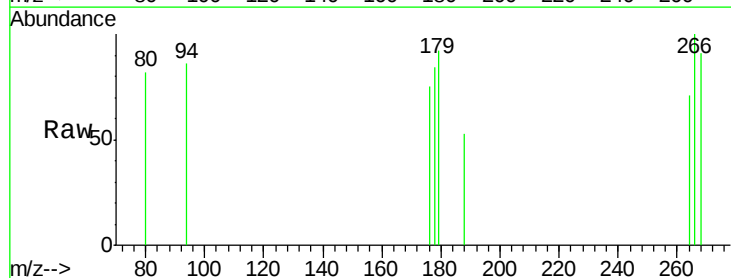
#11
 Fluorene
 Concen: 0.10 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BM002696.D
 Acq: 12 Sep 2015 00:05

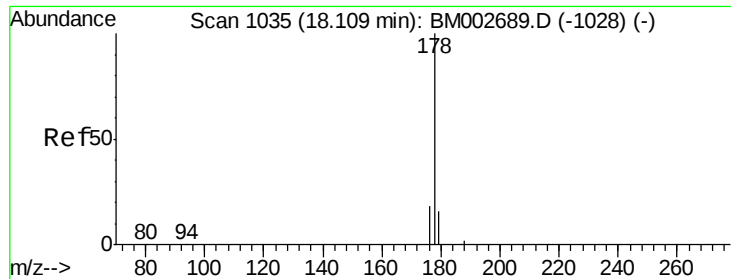
Tot Ion:166 Resp: 5382
 Ion Ratio Lower Upper
 166 100
 165 94.8 87.6 131.4
 167 15.3 11.1 16.7



#13
 Pentachlorophenol
 Concen: 0.09 ng/ul
 RT: 17.74 min Scan# 1011
 Delta R.T. 0.02 min
 Lab File: BM002696.D
 Acq: 12 Sep 2015 00:05

Tgt Ion:266 Resp: 223
 Ion Ratio Lower Upper
 266 100
 264 53.8 53.5 80.3
 268 66.4 54.2 81.2

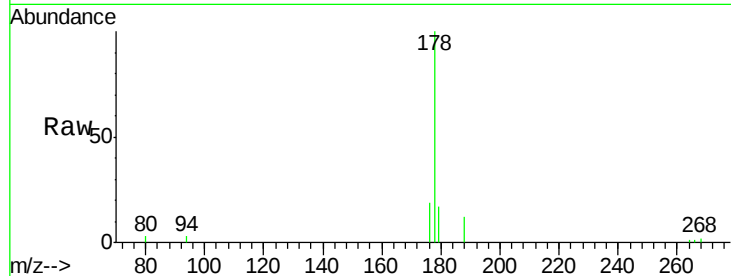




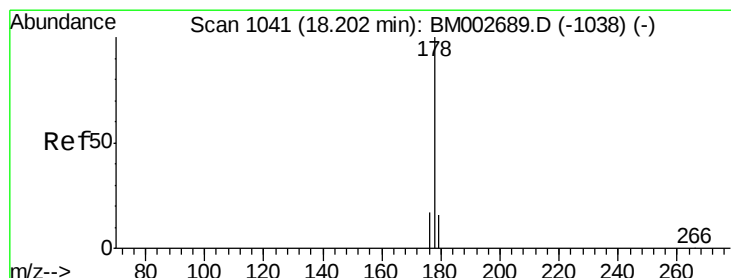
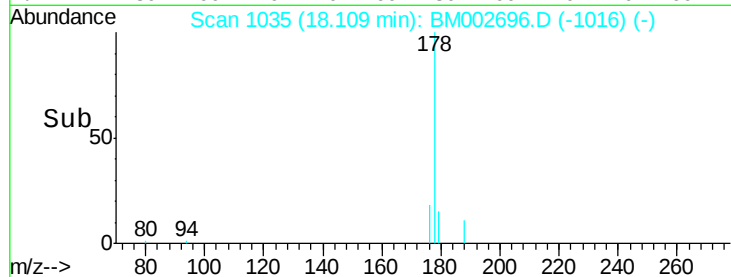
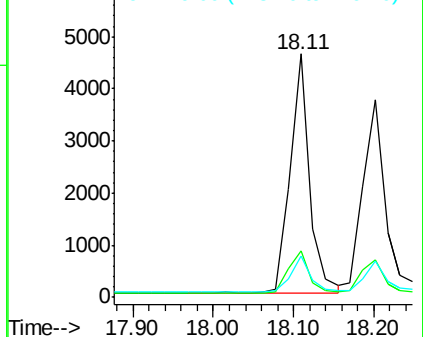
#14
Phenanthrene
Concen: 0.10 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

Tot Ion:178 Resp: 7698

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	17.3	12.8	19.2



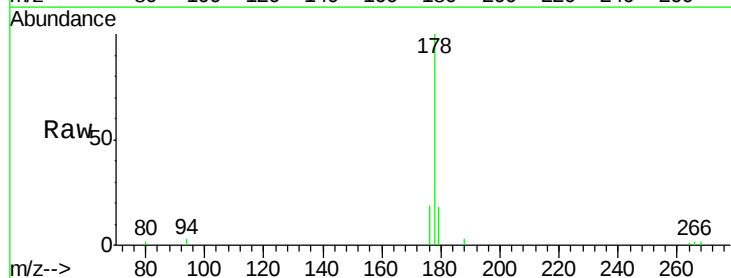
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



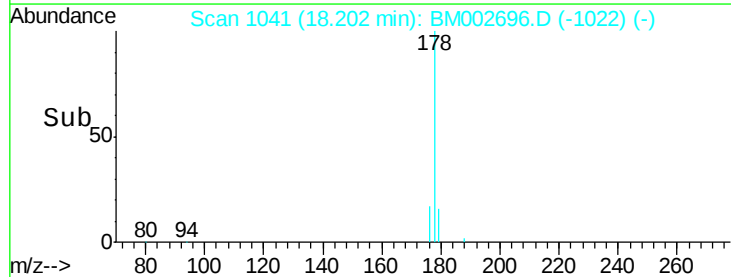
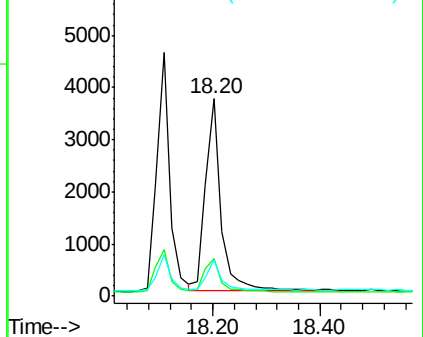
#15
Anthracene
Concen: 0.10 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

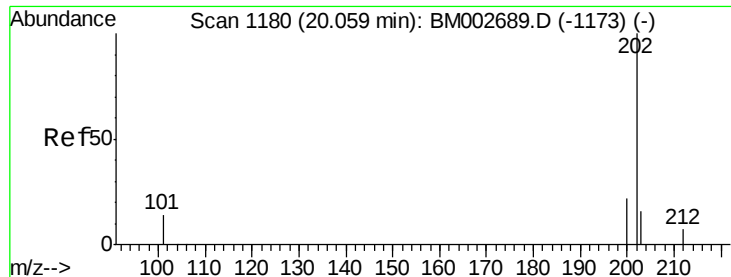
Tgt Ion:178 Resp: 7342

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	18.4	13.3	19.9



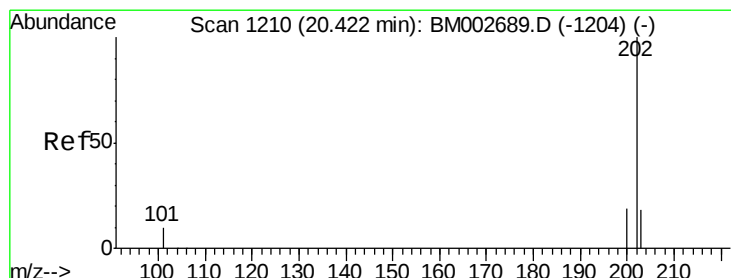
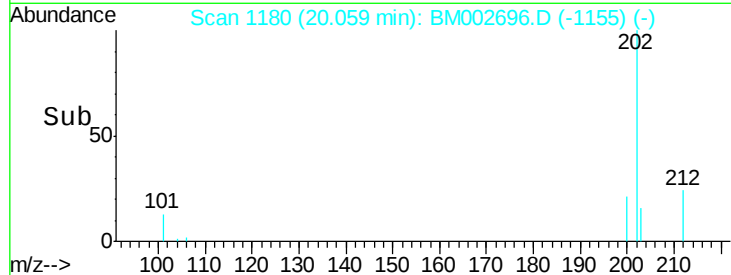
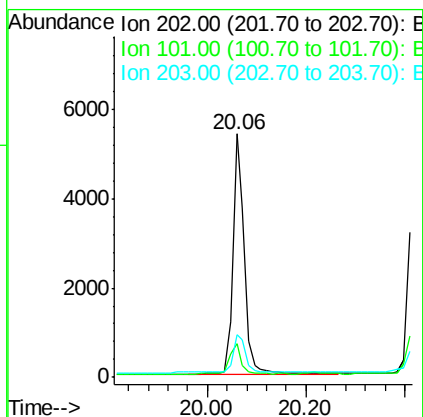
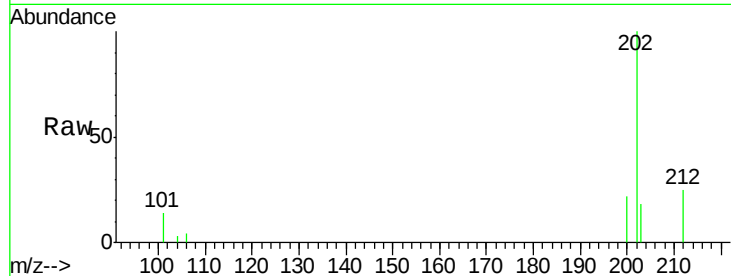
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





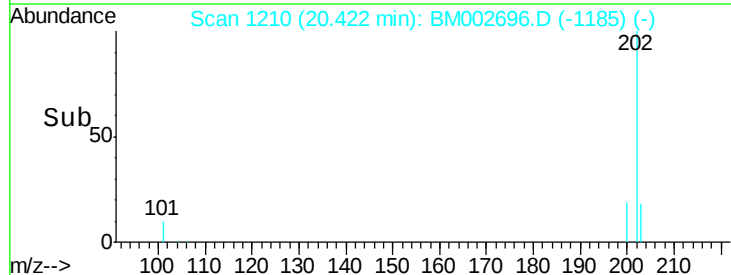
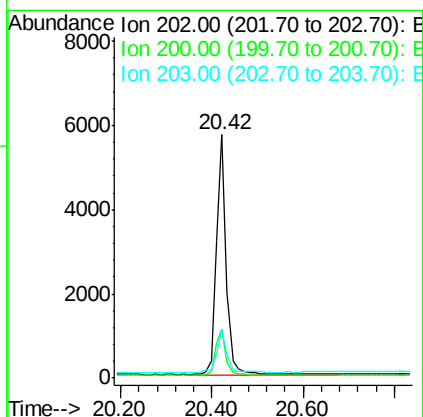
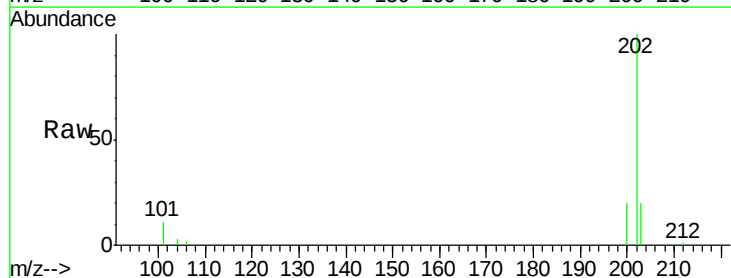
#17
 Fluoranthene
 Concen: 0.11 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BM002696.D
 Acq: 12 Sep 2015 00:05

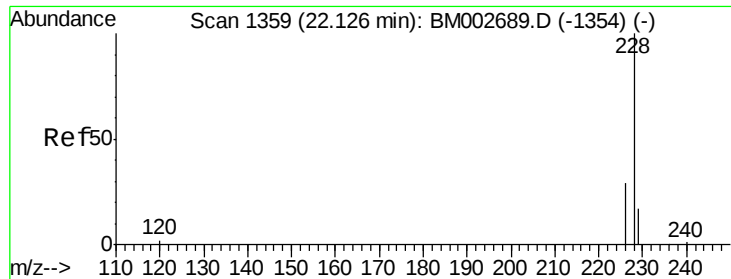
Tot Ion:202 Resp: 8543
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 33.1
 203 17.8 0.0 37.2



#19
 Pyrene
 Concen: 0.11 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM002696.D
 Acq: 12 Sep 2015 00:05

Tgt Ion:202 Resp: 8736
 Ion Ratio Lower Upper
 202 100
 200 20.0 18.0 27.0
 203 20.0 13.8 20.6

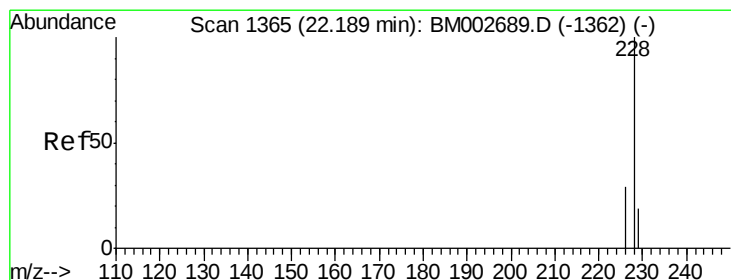
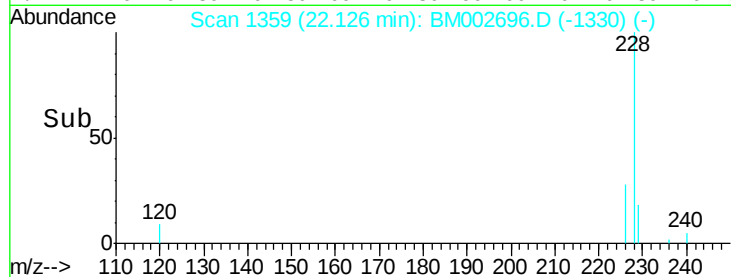
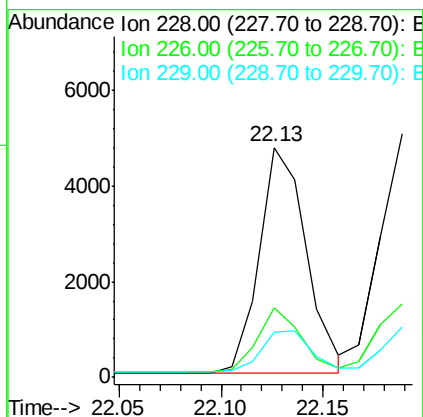
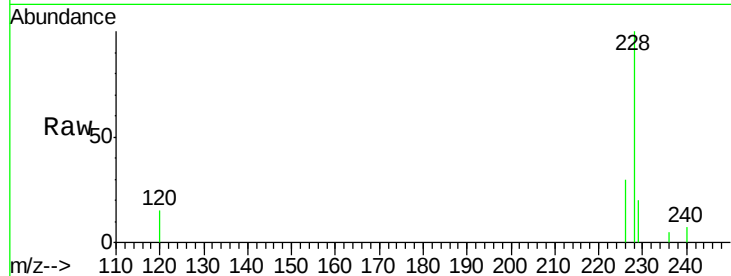




#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 22.13 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

Tot Ion:228 Resp: 7538

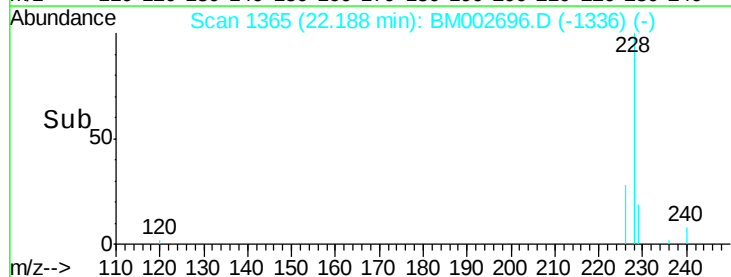
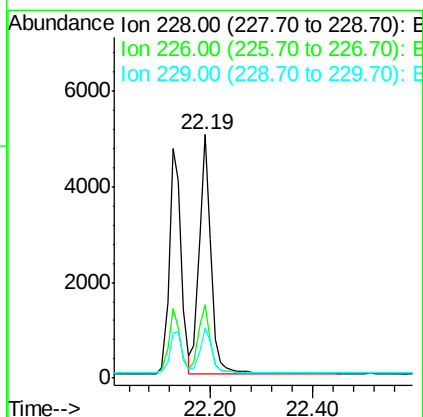
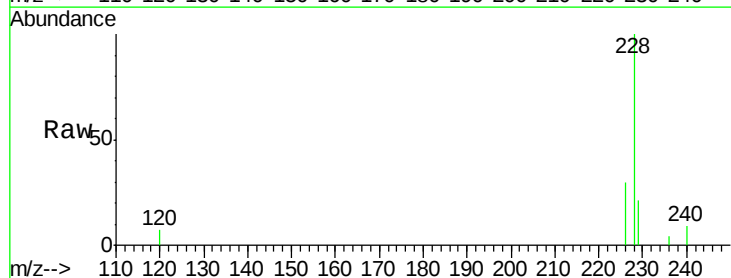
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	19.9	15.2	22.8

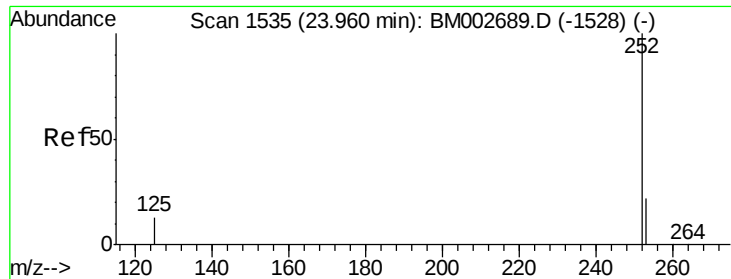


#21
Chrysene
Concen: 0.11 ng/ul
RT: 22.19 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

Tgt Ion:228 Resp: 7937

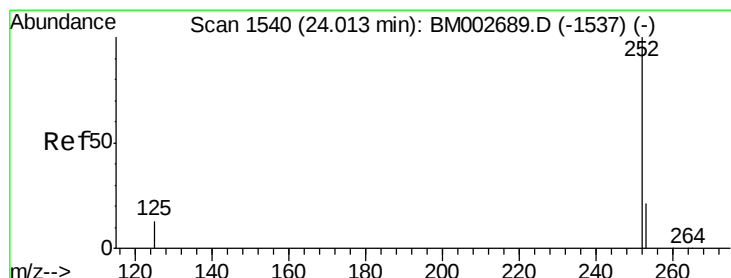
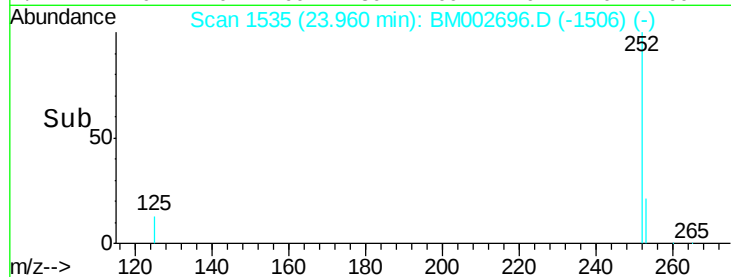
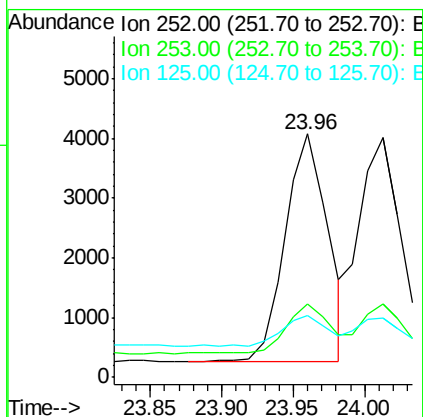
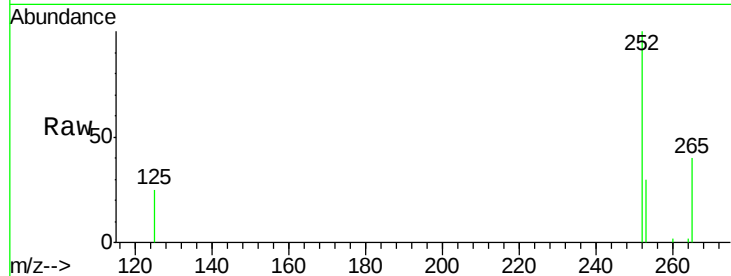
Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.7	38.5
229	20.9	15.2	22.8





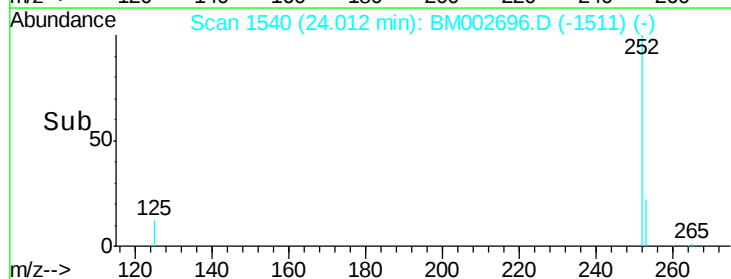
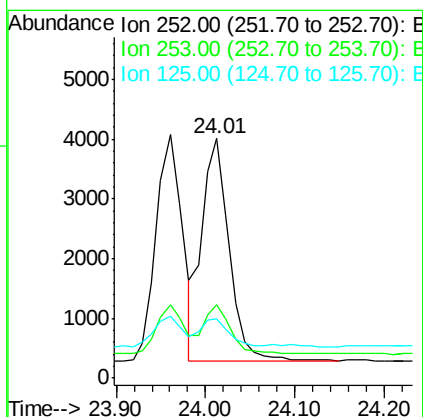
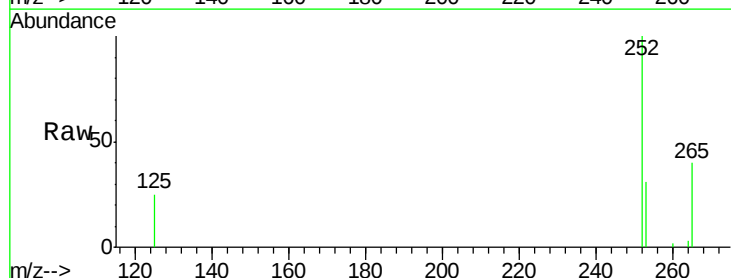
#23
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 23.96 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

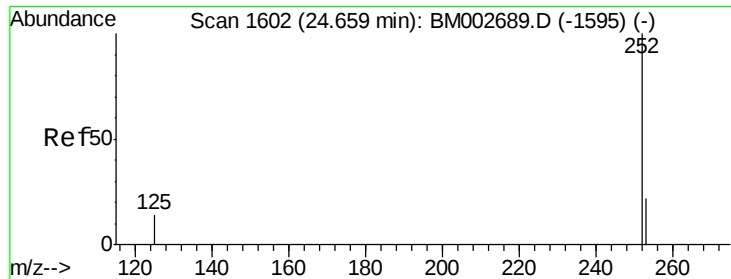
Tot Ion:252 Resp: 7843
Ion Ratio Lower Upper
252 100
253 29.9 0.0 48.0
125 25.2 0.0 36.6



#24
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 24.01 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

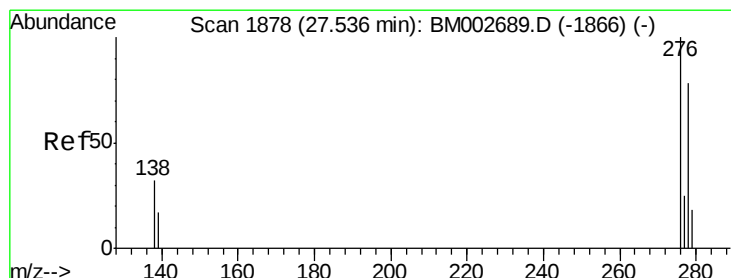
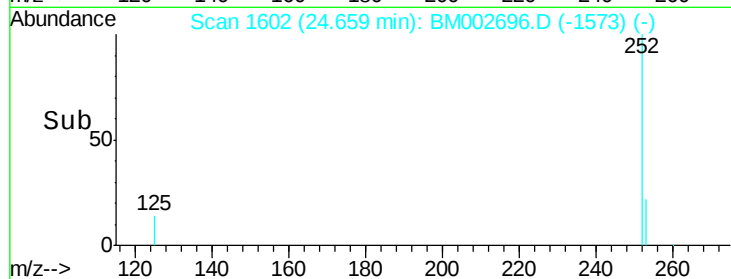
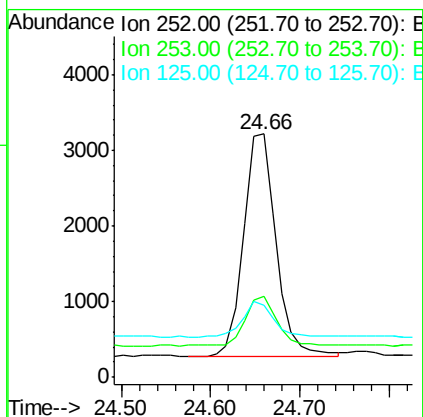
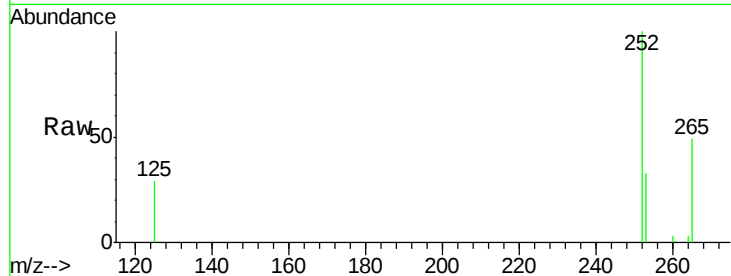
Tgt Ion:252 Resp: 7931
Ion Ratio Lower Upper
252 100
253 30.7 20.8 31.2
125 24.8 12.2 18.4#





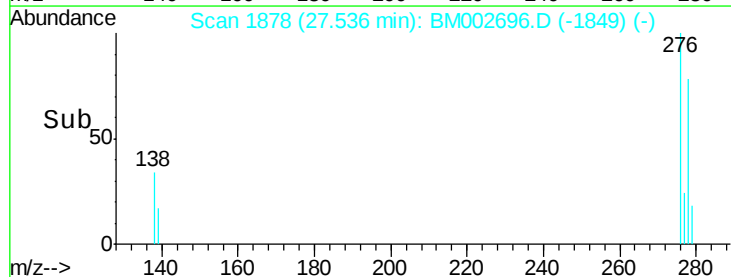
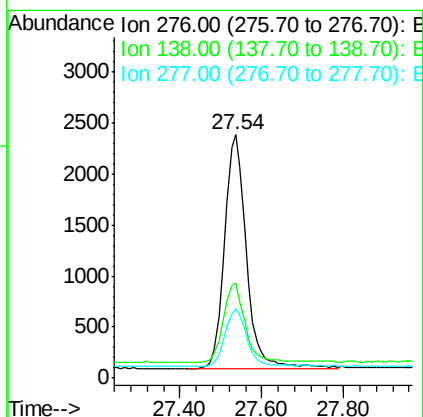
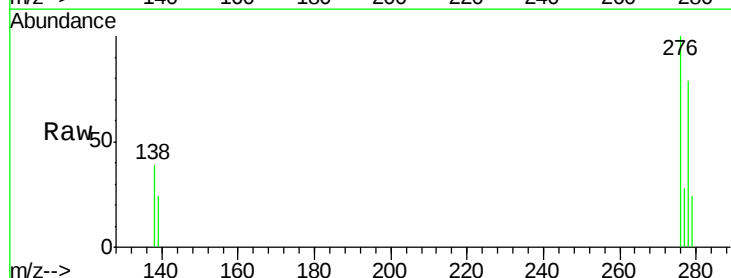
#25
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 24.66 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

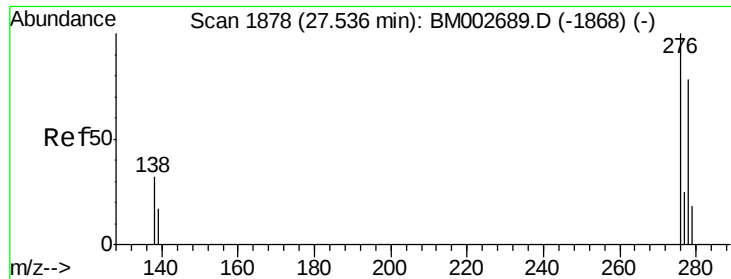
Tot Ion:252 Resp: 7383
Ion Ratio Lower Upper
252 100
253 33.2 21.8 32.8#
125 29.5 14.5 21.7#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

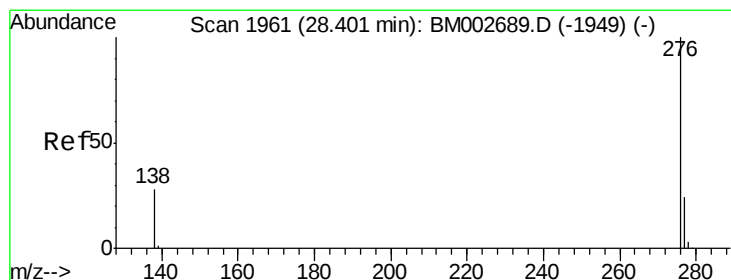
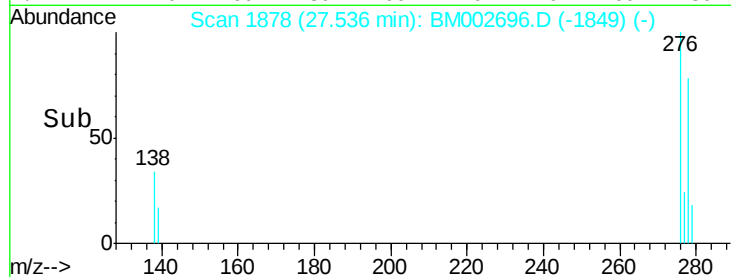
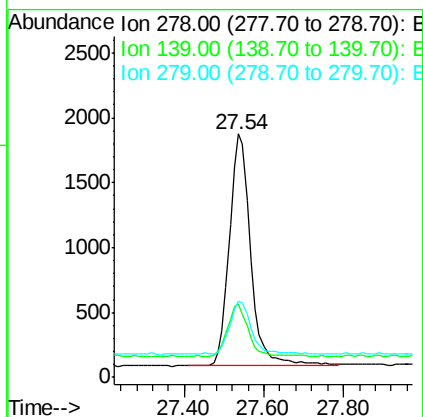
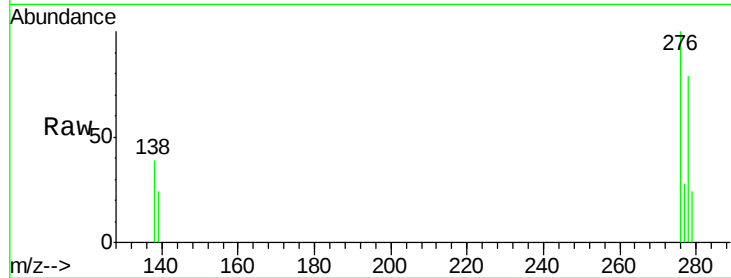
Tgt Ion:276 Resp: 8512
Ion Ratio Lower Upper
276 100
138 33.6 27.5 41.3
277 25.8 19.3 28.9





#27
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

Tot Ion:278 Resp: 6654
Ion Ratio Lower Upper
278 100
139 30.3 21.7 32.5
279 31.1 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 28.39 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM002696.D
Acq: 12 Sep 2015 00:05

Tgt Ion:276 Resp: 7631
Ion Ratio Lower Upper
276 100
277 28.6 21.3 31.9
138 35.8 25.5 38.3

