

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002992.D
 Acq On : 23 Oct 2015 00:16
 Operator : UM/IZ
 Sample : G4074-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Quant Time: Oct 23 03:53:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:55:29 2015
 Response via : Initial Calibration

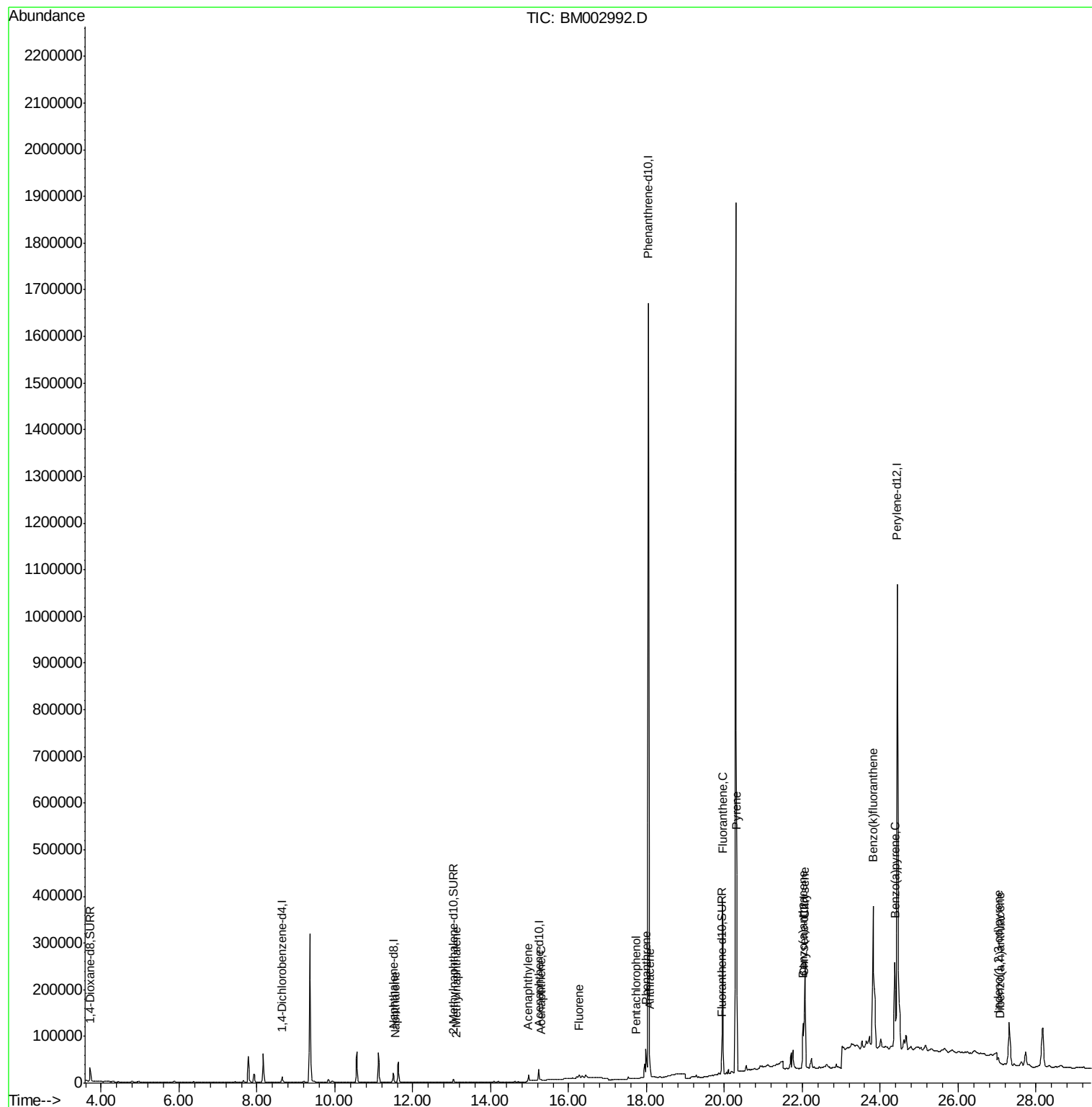
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7212	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	31657	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.24	164	18306	0.40	ng/ul	0.02
12) Phenanthrene-d10	18.05	188	1989305	0.40	ng/ul	0.11
18) Chrysene-d12	22.04	240	31904	0.40	ng/ul	0.01
22) Perylene-d12	24.44	264	1112005	0.40	ng/ul	-0.16
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	26616	3.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	13024	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	25352	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.54	128	1401	0.02	ng/ul#	63
7) 2-Methylnaphthalene	13.11	142	1283	0.02	ng/ul	95
9) Acenaphthylene	14.97	152	23999	0.23	ng/ul#	91
10) Acenaphthene	15.30	153	2191	0.03	ng/ul#	82
11) Fluorene	16.27	166	5131	0.06	ng/ul#	63
13) Pentachlorophenol	17.72	266	229	0.00	ng/ul#	37
14) Phenanthrene	17.98	178	70497	0.01	ng/ul	95
15) Anthracene	18.08	178	42309	0.01	ng/ul#	89
17) Fluoranthene	19.95	202	396533	0.05	ng/ul	95
19) Pyrene	20.31	202	361195	3.12	ng/ul	95
20) Benzo(a)anthracene	22.02	228	97473	0.92	ng/ul#	89
21) Chrysene	22.07	228	295726	2.76	ng/ul#	95
24) Benzo(k)fluoranthene	23.81	252	656787	0.17	ng/ul#	74
25) Benzo(a)pyrene	24.38	252	282113	0.08	ng/ul#	60
26) Indeno(1,2,3-cd)pyrene	27.03	276	53712	0.01	ng/ul#	1
27) Dibenzo(a,h)anthracene	27.09	278	28151	0.01	ng/ul#	1

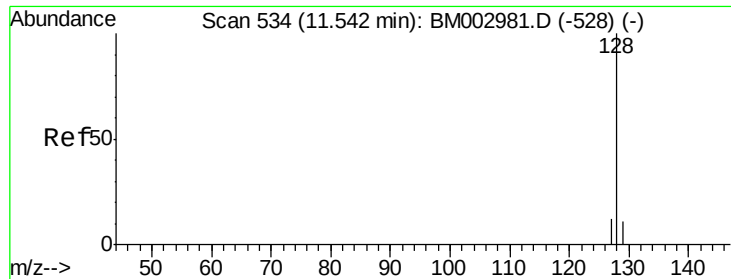
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.02 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Instrument :

BNA_M

ClientSampleId :

JG9J9

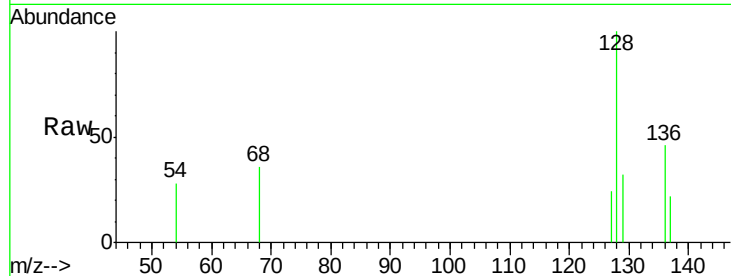
Tot Ion:128 Resp: 1401

Ion Ratio Lower Upper

128 100

129 31.6 9.8 14.8#

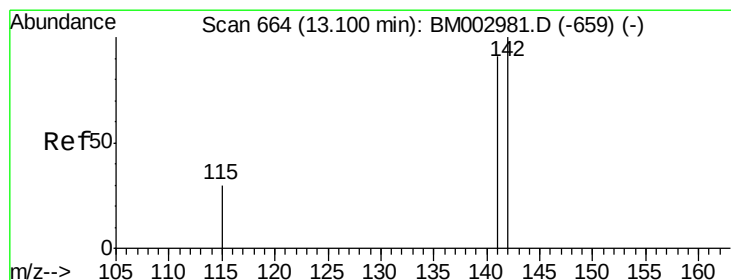
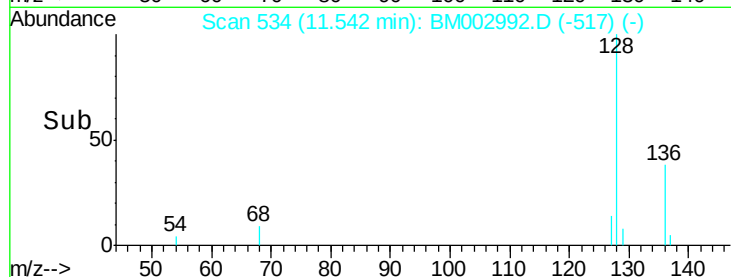
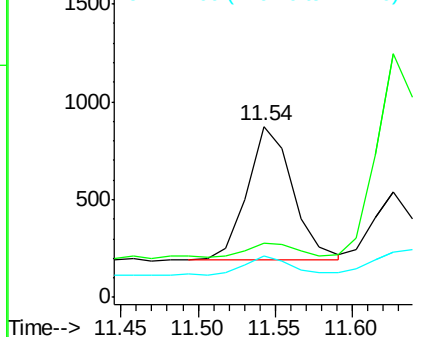
127 23.9 10.7 16.1#



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: 0.02 ng/ul

RT: 13.11 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM002992.D

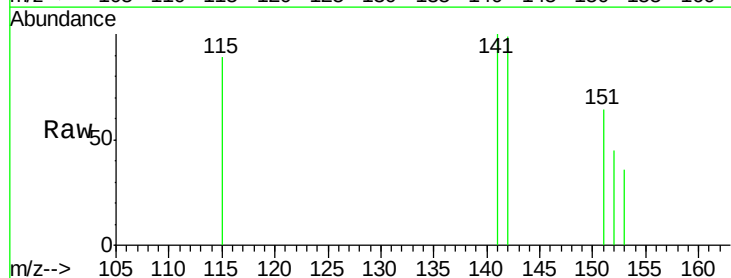
Acq: 23 Oct 2015 00:16

Tgt Ion:142 Resp: 1283

Ion Ratio Lower Upper

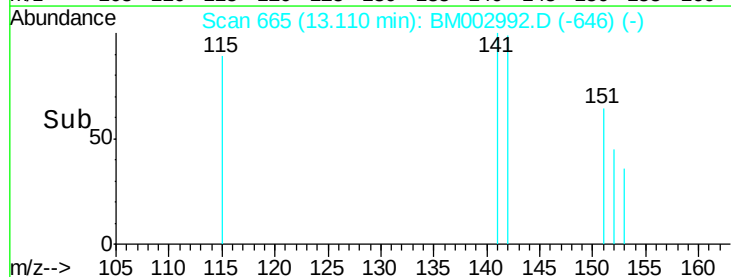
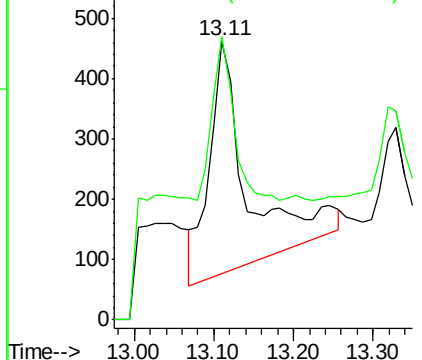
142 100

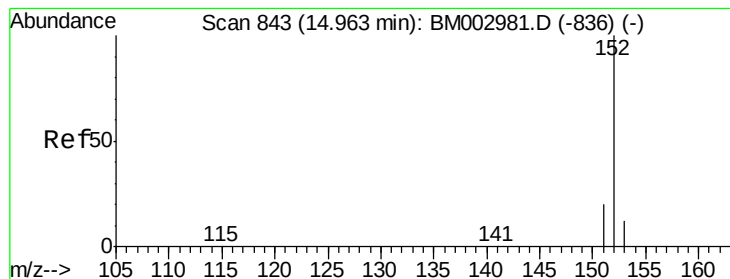
141 92.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.23 ng/ul

RT: 14.97 min Scan# 844

Delta R.T. 0.01 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Instrument :

BNA_M

ClientSampleId :

JG9J9

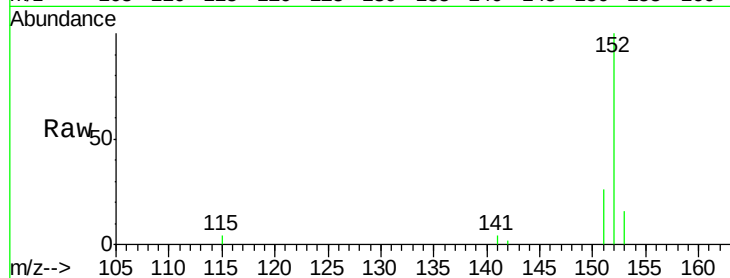
Tot Ion:152 Resp: 23999

Ion Ratio Lower Upper

152 100

151 26.5 16.8 25.2#

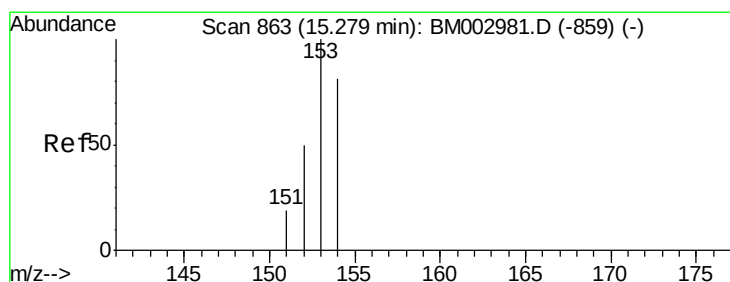
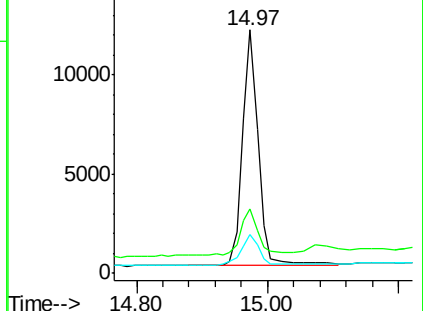
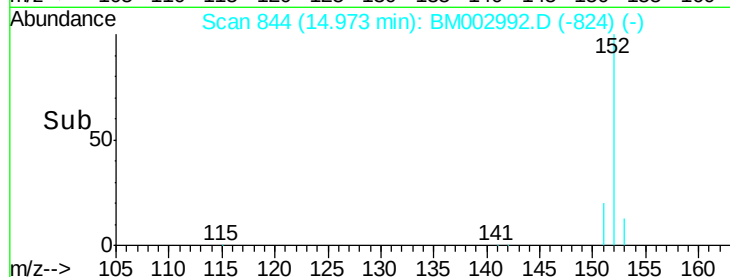
153 16.2 11.3 16.9



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: 0.03 ng/ul

RT: 15.30 min Scan# 864

Delta R.T. 0.02 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

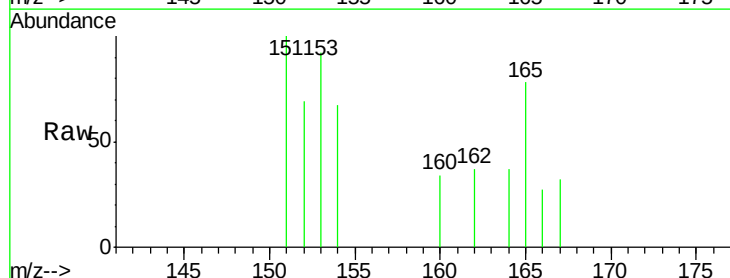
Tgt Ion:153 Resp: 2191

Ion Ratio Lower Upper

153 100

152 74.8 42.3 63.5#

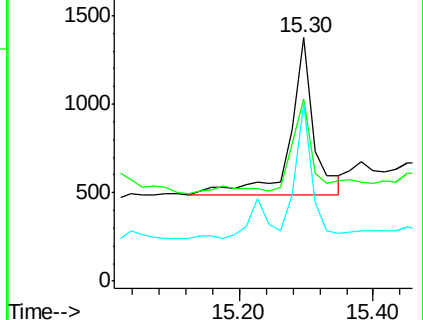
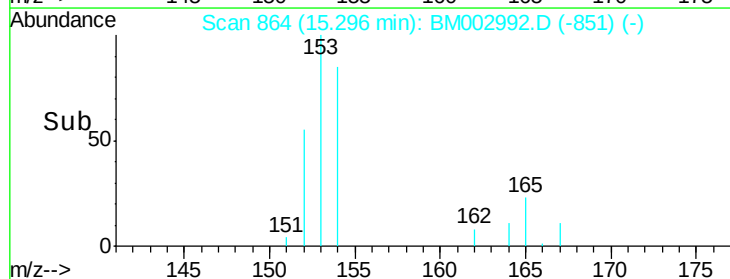
154 72.7 64.7 97.1

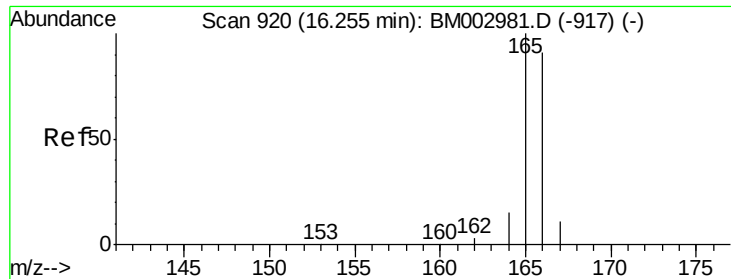


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

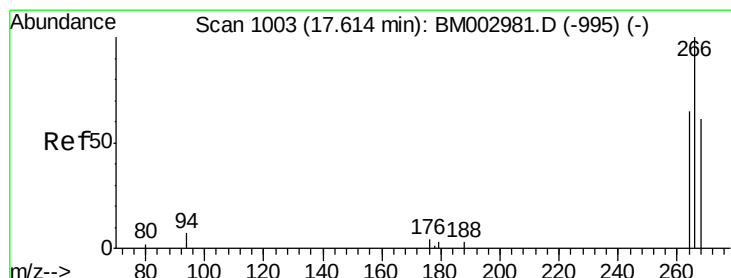
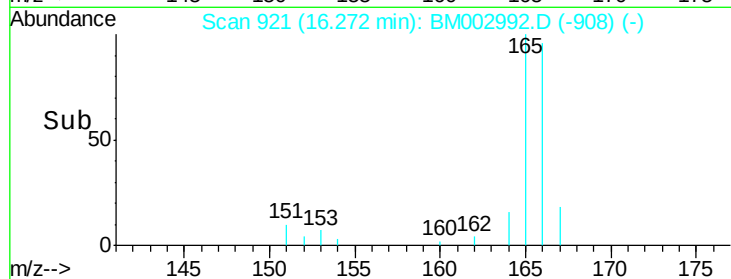
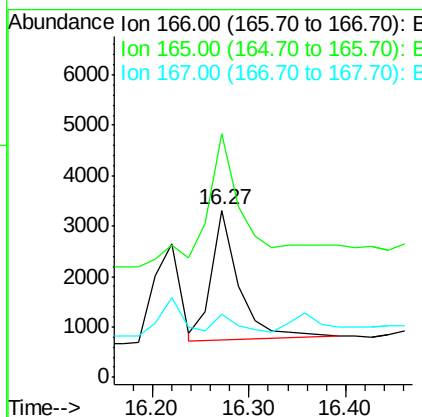
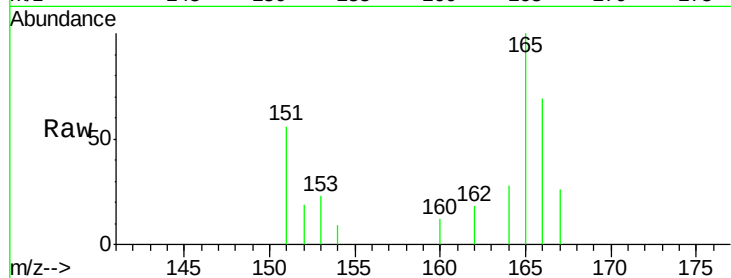




#11
 Fluorene
 Concen: 0.06 ng/ul
 RT: 16.27 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

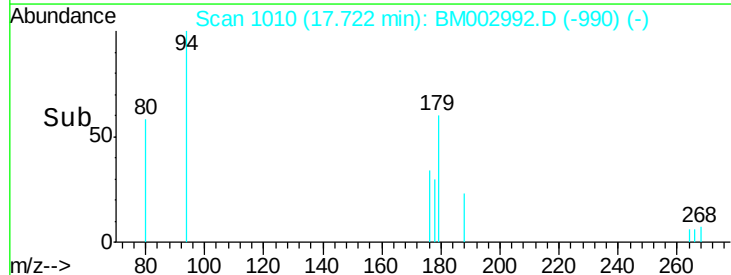
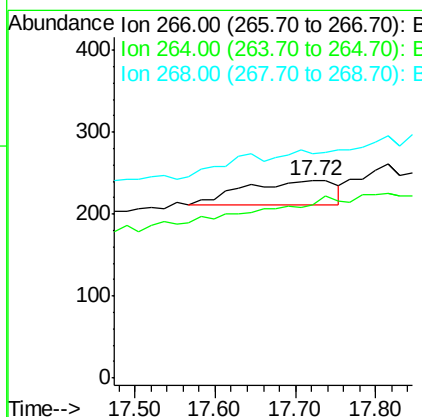
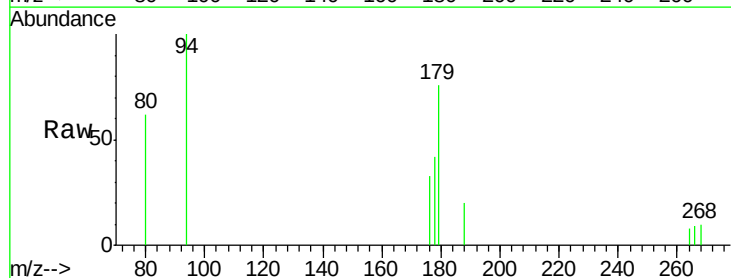
Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

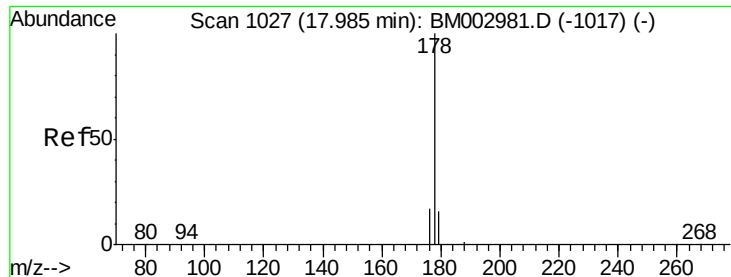
Tot Ion:166 Resp: 5131
 Ion Ratio Lower Upper
 166 100
 165 145.7 87.6 131.4#
 167 38.1 11.1 16.7#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 17.72 min Scan# 1010
 Delta R.T. 0.11 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

Tgt Ion:266 Resp: 229
 Ion Ratio Lower Upper
 266 100
 264 100.4 53.5 80.3#
 268 0.0 54.2 81.2#

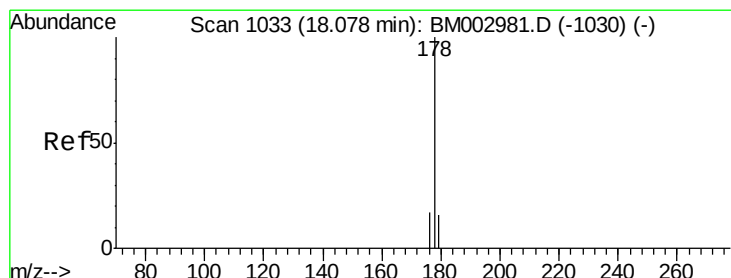
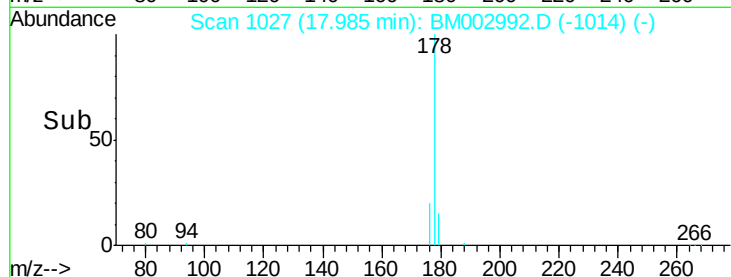
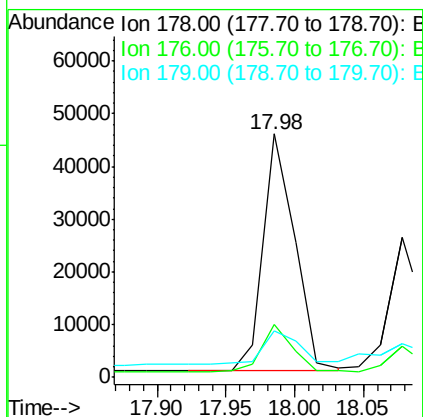
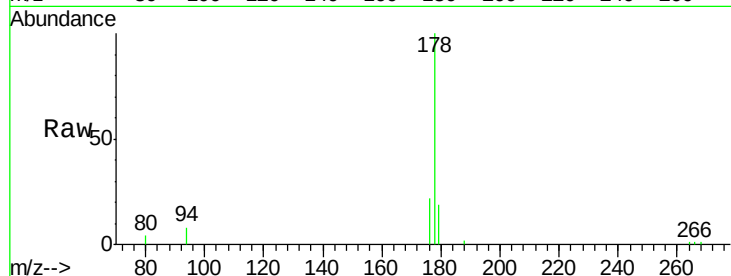




#14
Phenanthrene
Concen: 0.01 ng/ul
RT: 17.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

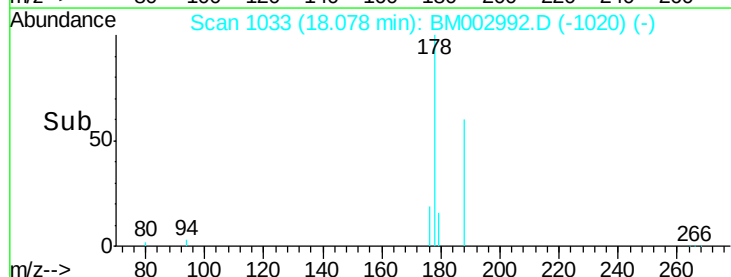
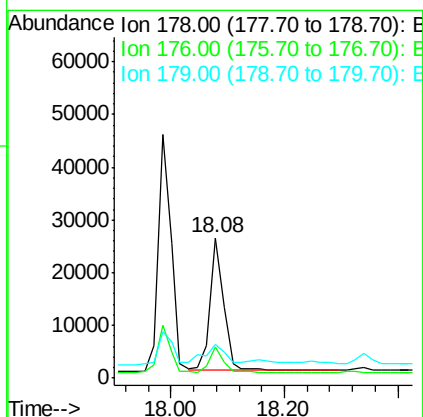
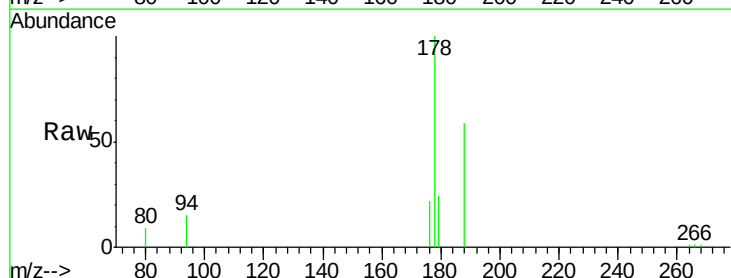
Instrument :
BNA_M
ClientSampleId :
JG9J9

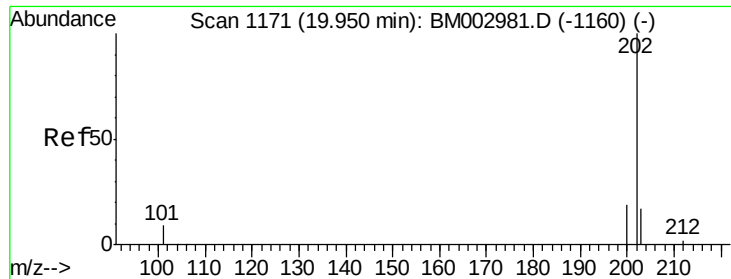
Tot Ion:178 Resp: 70497
Ion Ratio Lower Upper
178 100
176 21.9 16.2 24.4
179 19.2 12.8 19.2



#15
Anthracene
Concen: 0.01 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

Tgt Ion:178 Resp: 42309
Ion Ratio Lower Upper
178 100
176 22.2 15.8 23.8
179 24.0 13.3 19.9#

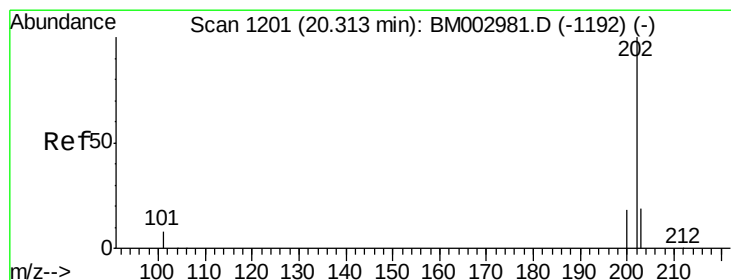
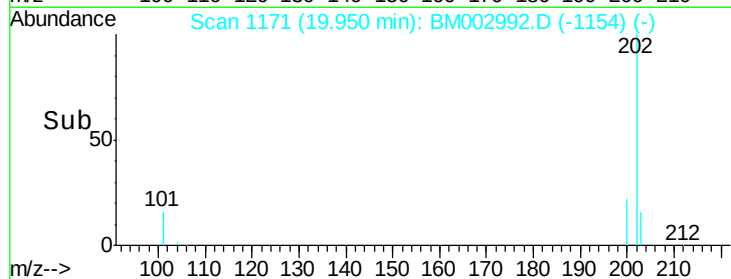
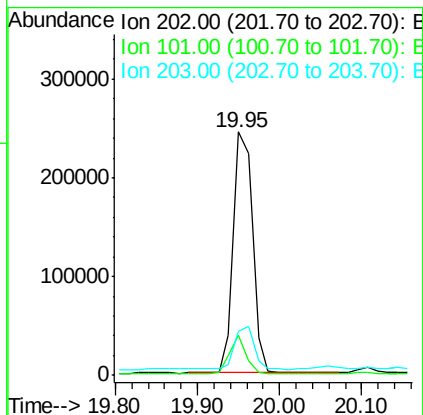
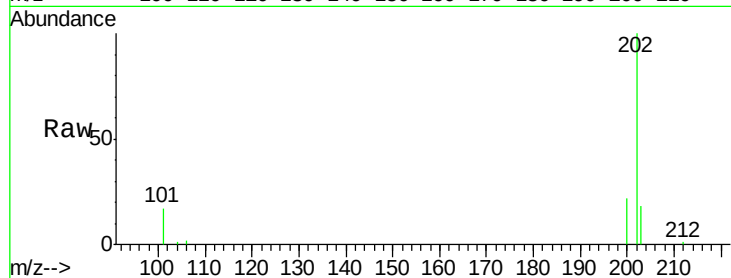




#17
 Fluoranthene
 Concen: 0.05 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

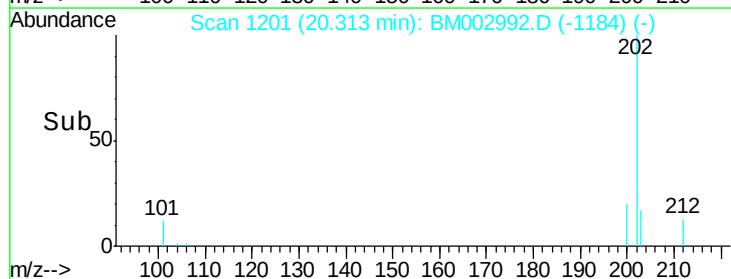
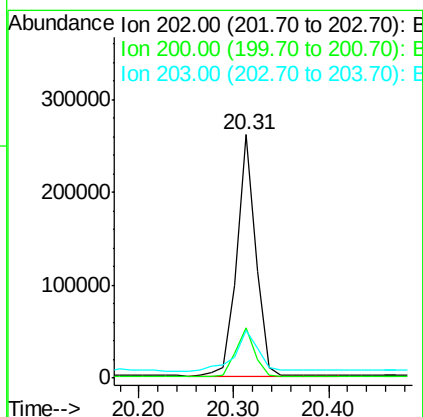
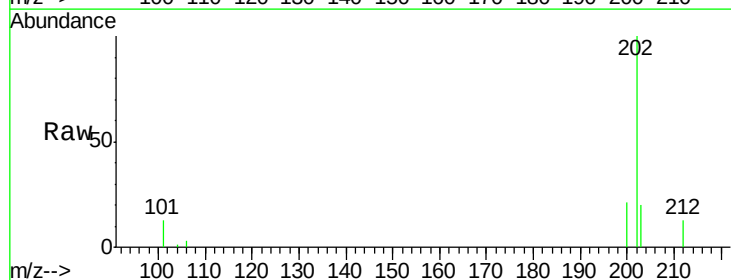
Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

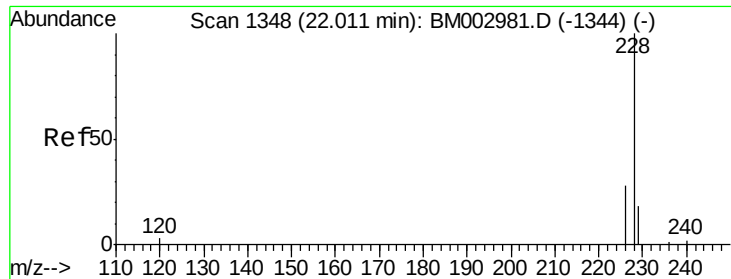
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.6	0.0	33.1
203	17.8	0.0	37.2



#19
 Pyrene
 Concen: 3.12 ng/ul
 RT: 20.31 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.0	27.0
203	19.7	13.8	20.6





#20

Benzo(a)anthracene

Concen: 0.92 ng/ul

RT: 22.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

Instrument :

BNA_M

ClientSampleId :

JG9J9

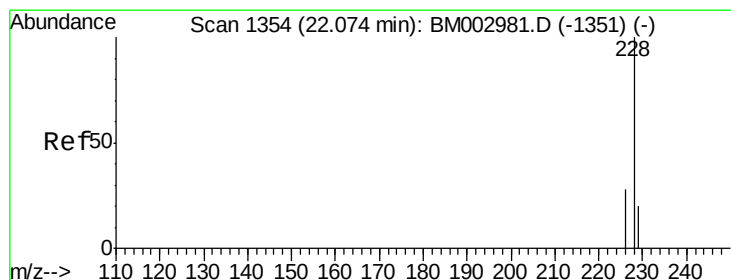
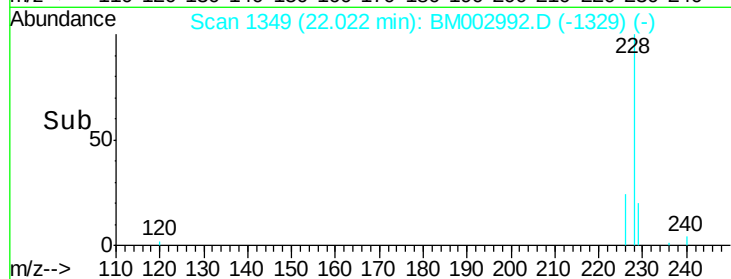
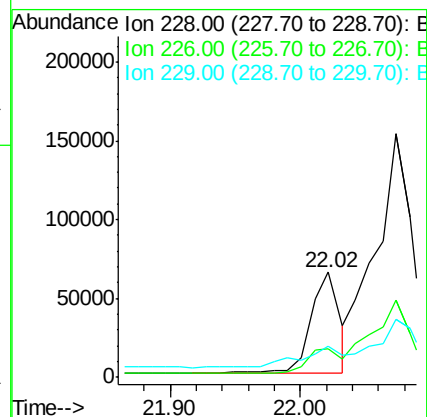
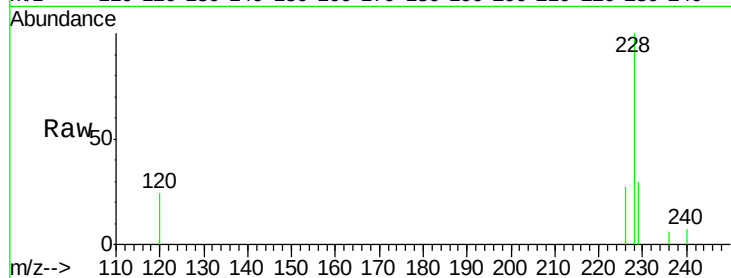
Tot Ion:228 Resp: 97473

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

229 30.0 15.2 22.8#



#21

Chrysene

Concen: 2.76 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM002992.D

Acq: 23 Oct 2015 00:16

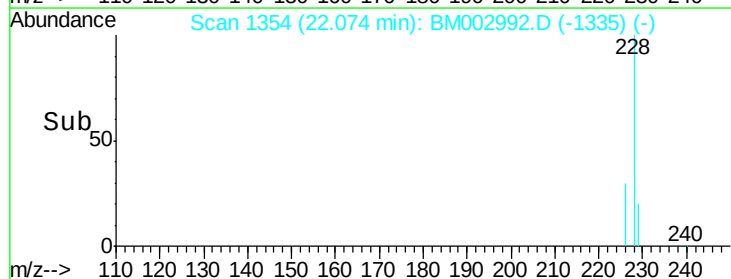
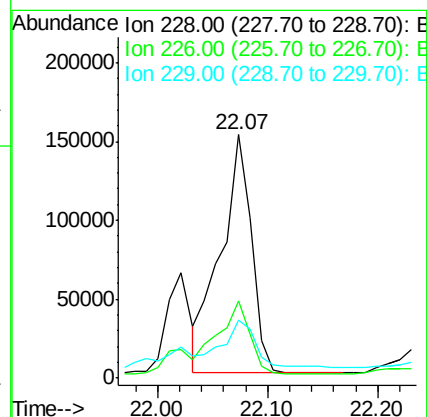
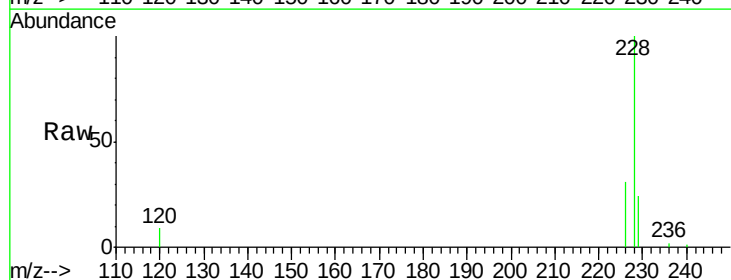
Tgt Ion:228 Resp: 295726

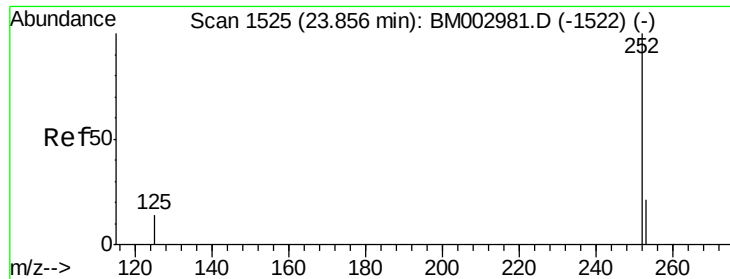
Ion Ratio Lower Upper

228 100

226 31.5 25.7 38.5

229 23.7 15.2 22.8#

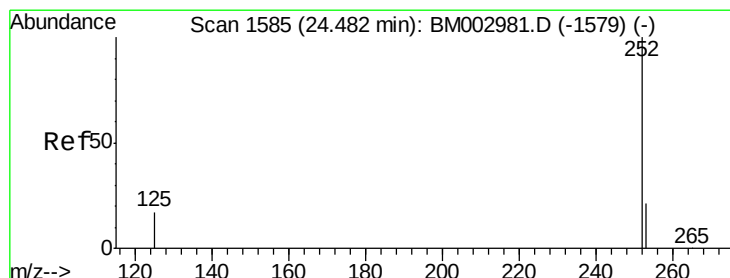
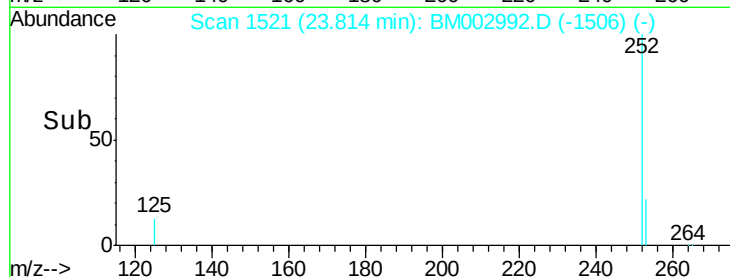
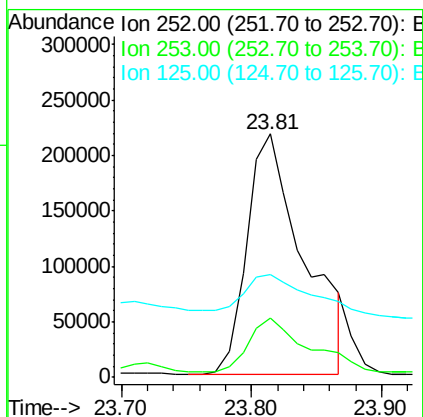
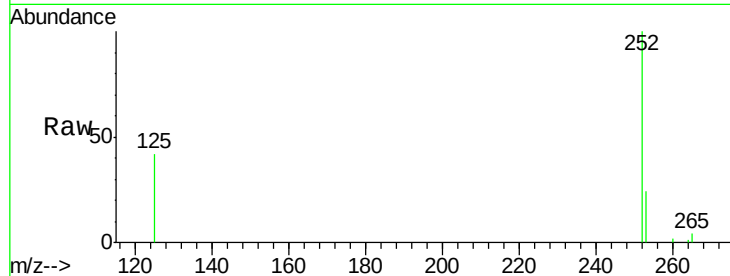




#24
Benzo(k)fluoranthene
Concen: 0.17 ng/ul
RT: 23.81 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

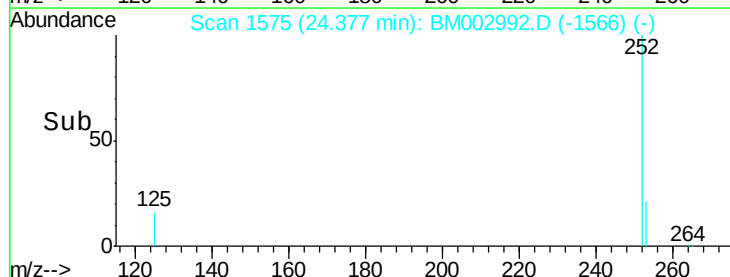
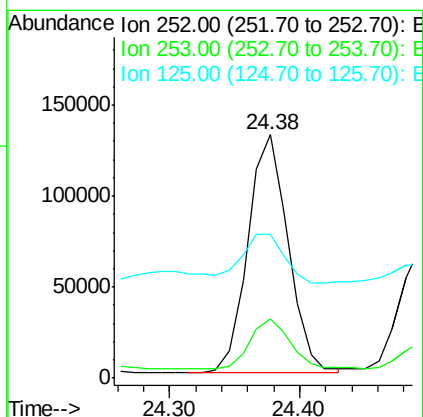
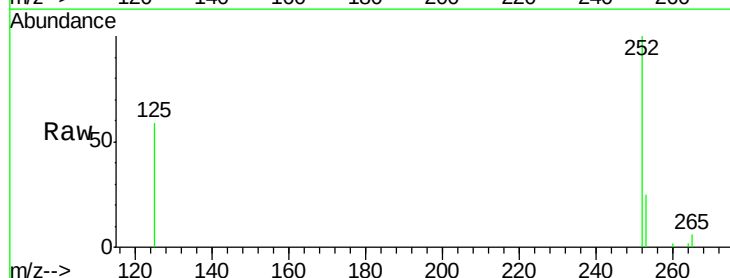
Instrument :
BNA_M
ClientSampled :
JG9J9

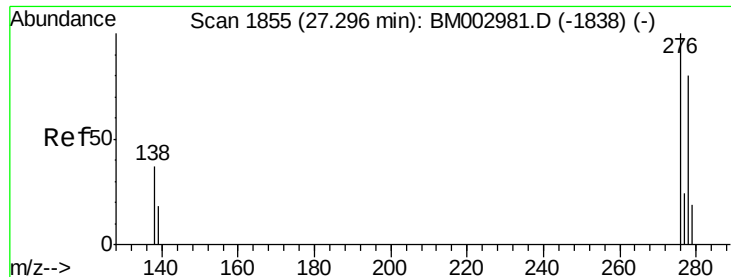
Tot Ion:252 Resp: 656787
Ion Ratio Lower Upper
252 100
253 24.1 20.8 31.2
125 42.1 12.2 18.4#



#25
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 24.38 min Scan# 1575
Delta R.T. -0.10 min
Lab File: BM002992.D
Acq: 23 Oct 2015 00:16

Tgt Ion:252 Resp: 282113
Ion Ratio Lower Upper
252 100
253 24.5 21.8 32.8
125 59.2 14.5 21.7#

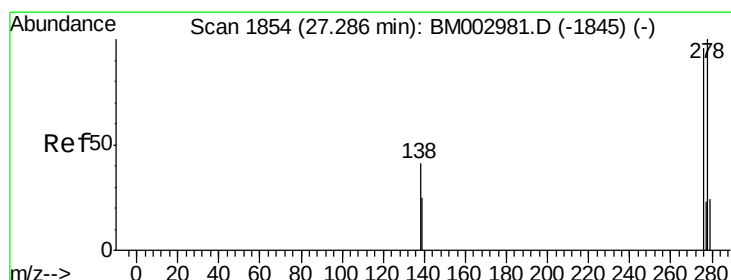
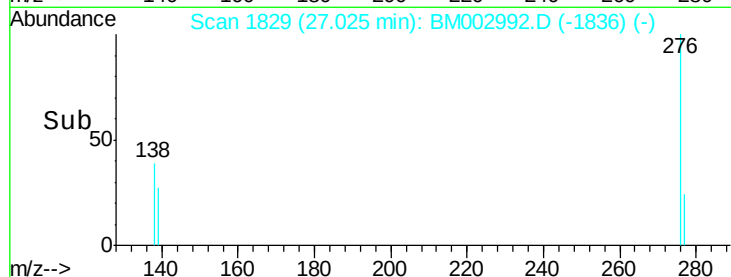
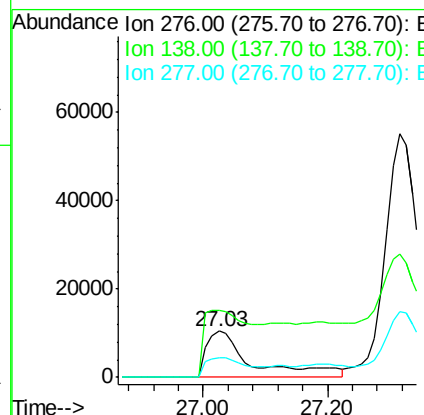
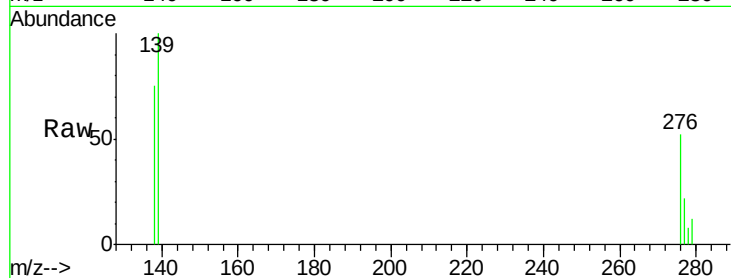




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.01 ng/ul
 RT: 27.03 min Scan# 1829
 Delta R.T. -0.27 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

Instrument :
 BNA_M
 ClientSampleId :
 JG9J9

Tot Ion:276 Resp: 53712
 Ion Ratio Lower Upper
 276 100
 138 372.5 27.5 41.3#
 277 82.9 19.3 28.9#



#27
 Dibenzo(a,h)anthracene
 Concen: 0.01 ng/ul
 RT: 27.09 min Scan# 1835
 Delta R.T. -0.20 min
 Lab File: BM002992.D
 Acq: 23 Oct 2015 00:16

Tgt Ion:278 Resp: 28151
 Ion Ratio Lower Upper
 278 100
 139 351.8 21.7 32.5#
 279 60.4 21.9 32.9#

