

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090315\
 Data File : BM002654.D
 Acq On : 03 Sep 2015 18:51
 Operator : UM/IZ
 Sample : MDL-04-W
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Quant Time: Sep 04 04:24:39 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 : Thu Sep 03 14:33:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7929	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	31158	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13067	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	23490	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	22295	0.40	ng/ul	0.00
22) Perylene-d12	24.79	264	21757	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	13.17	152	17957	0.43	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	26735	0.50	ng/ul	0.00

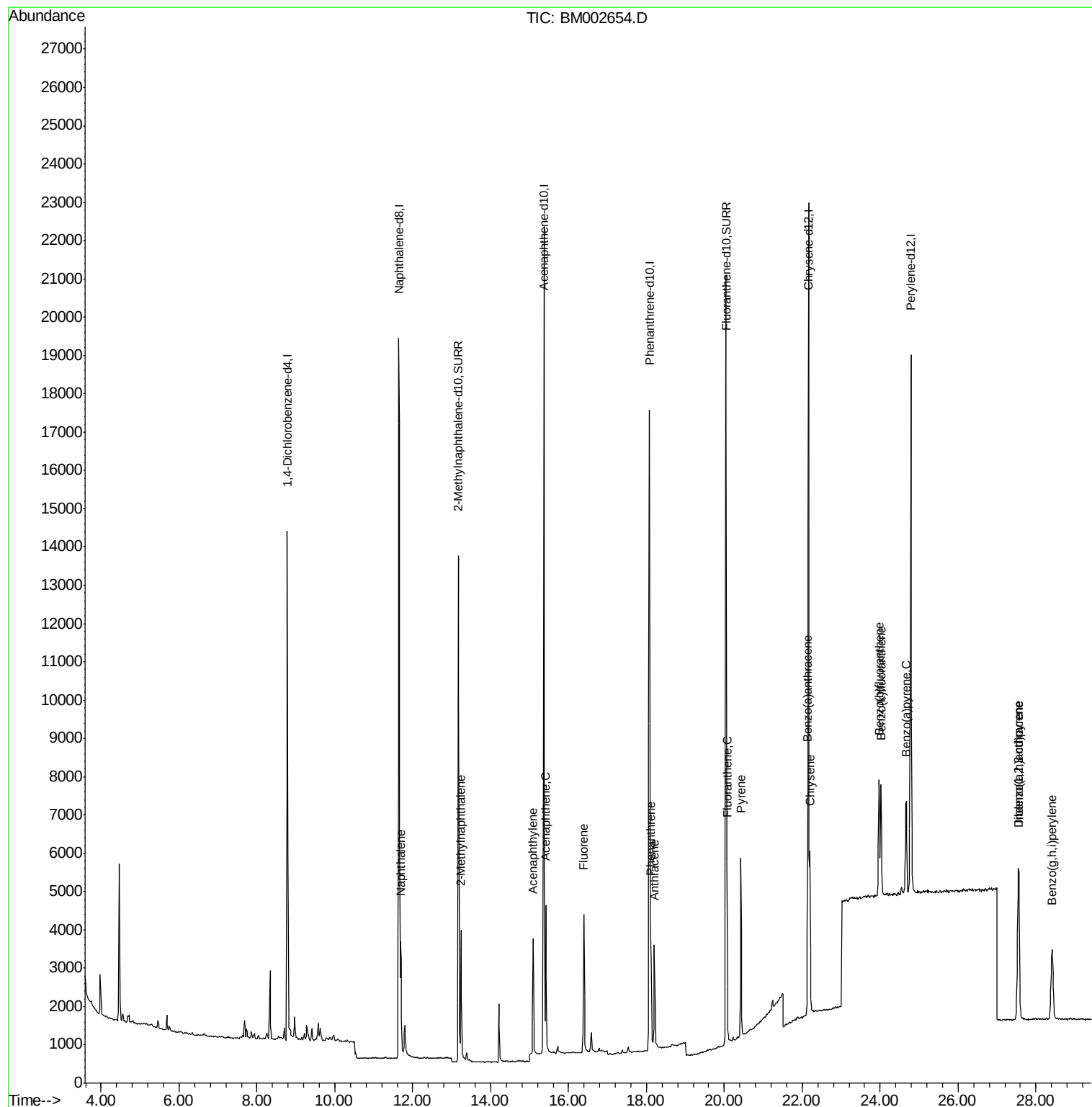
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.69	128	4198	0.05	ng/ul	94
7) 2-Methylnaphthalene	13.25	142	3236	0.06	ng/ul	88
9) Acenaphthylene	15.09	152	3800	0.05	ng/ul	98
10) Acenaphthene	15.42	153	2565	0.05	ng/ul	99
11) Fluorene	16.39	166	2726	0.05	ng/ul	96
14) Phenanthrene	18.11	178	3874	0.06	ng/ul#	92
15) Anthracene	18.20	178	3778	0.05	ng/ul#	93
17) Fluoranthene	20.07	202	4510	0.06	ng/ul	89
19) Pyrene	20.42	202	4677	0.06	ng/ul#	92
20) Benzo(a)anthracene	22.14	228	4417	0.06	ng/ul#	88
21) Chrysene	22.20	228	4430	0.06	ng/ul#	90
23) Benzo(b)fluoranthene	23.97	252	4814	0.06	ng/ul#	50
24) Benzo(k)fluoranthene	24.02	252	4454	0.06	ng/ul#	46
25) Benzo(a)pyrene	24.67	252	4273	0.06	ng/ul#	43
26) Indeno(1,2,3-cd)pyrene	27.55	276	5033	0.06	ng/ul	98
27) Dibenzo(a,h)anthracene	27.56	278	4004	0.06	ng/ul#	66
28) Benzo(g,h,i)perylene	28.41	276	4322	0.06	ng/ul#	73

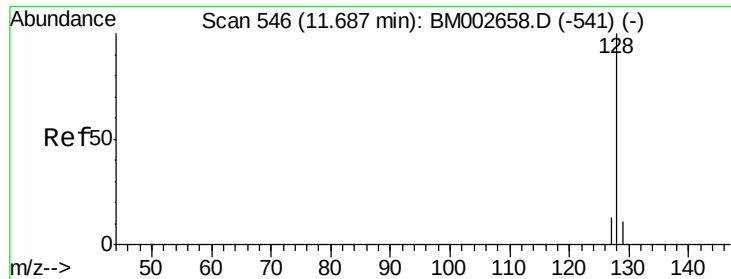
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.05 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

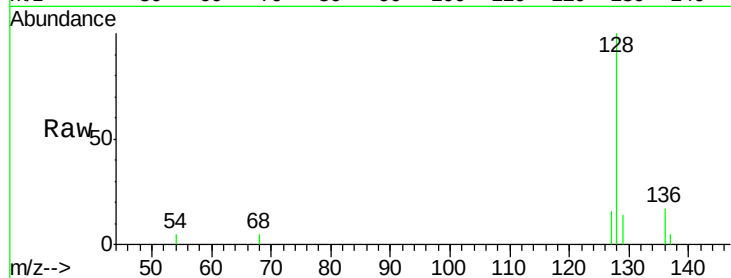
Tgt Ion:128 Resp: 4198

Ion Ratio Lower Upper

128 100

129 14.4 9.8 14.8

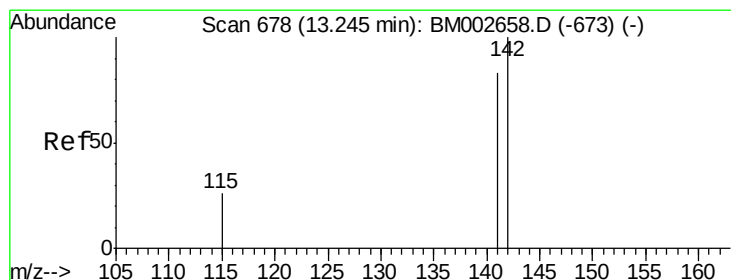
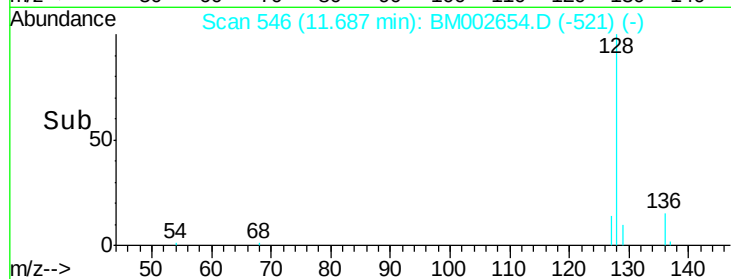
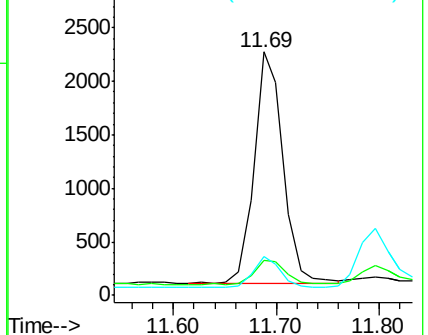
127 16.0 10.7 16.1



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: 0.06 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM002654.D

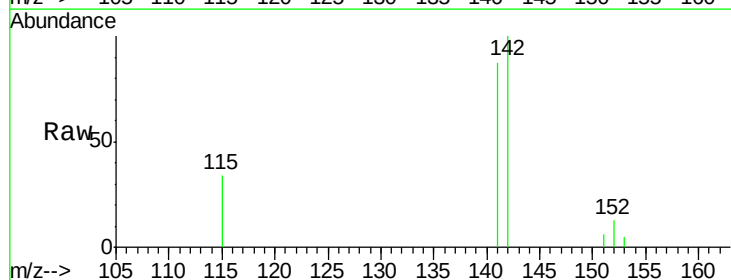
Acq: 03 Sep 2015 18:51

Tgt Ion:142 Resp: 3236

Ion Ratio Lower Upper

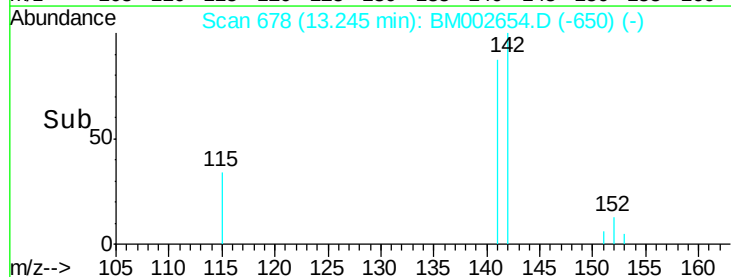
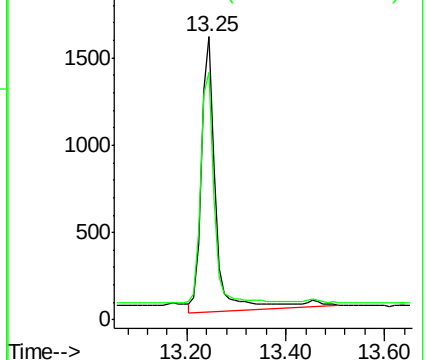
142 100

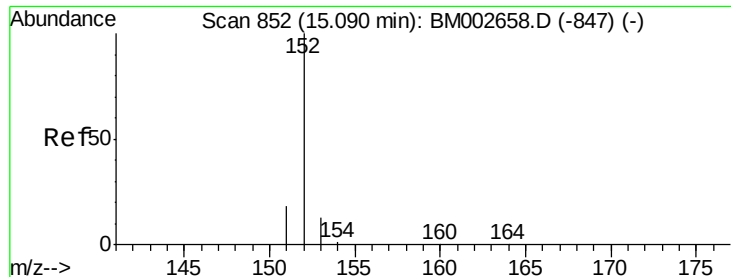
141 77.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

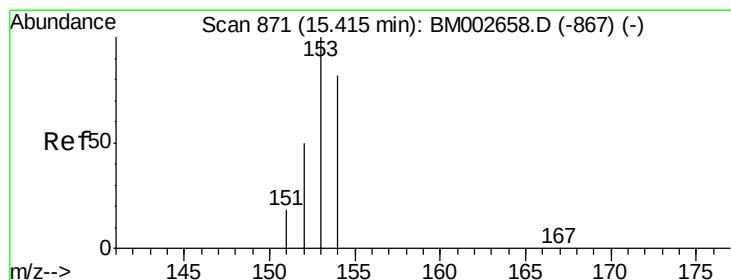
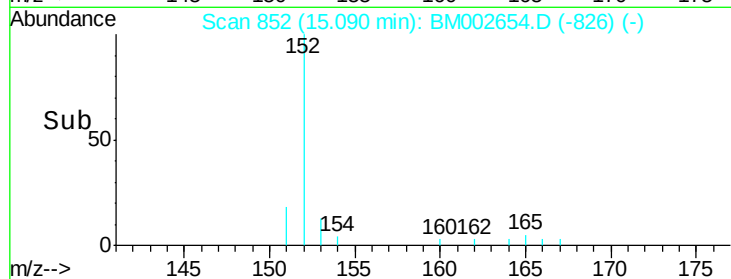
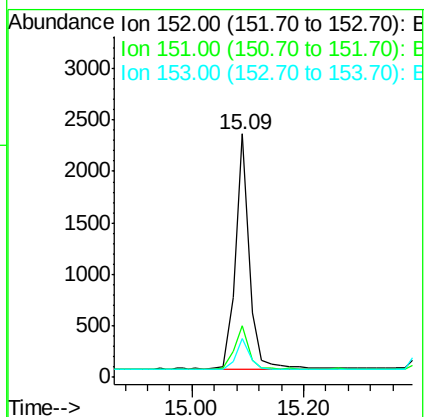
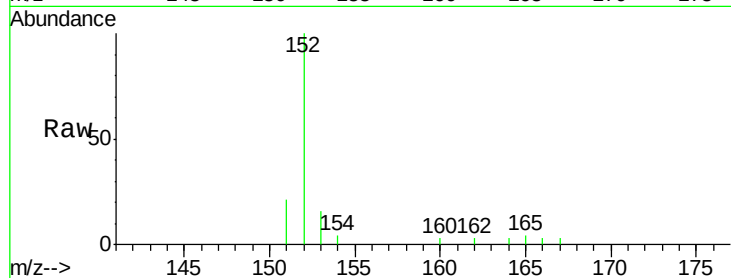
Tgt Ion:152 Resp: 3800

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 15.9 11.3 16.9



#10

Acenaphthene

Concen: 0.05 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM002654.D

Acq: 03 Sep 2015 18:51

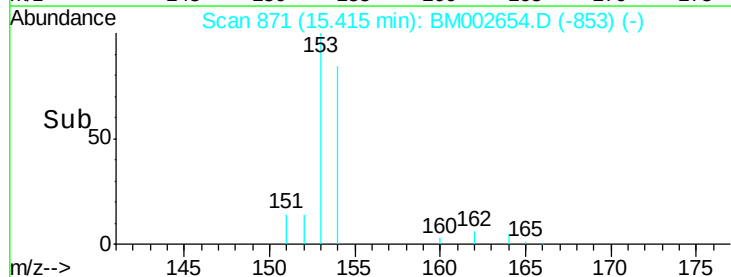
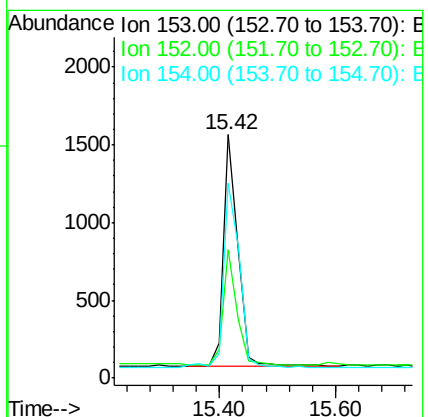
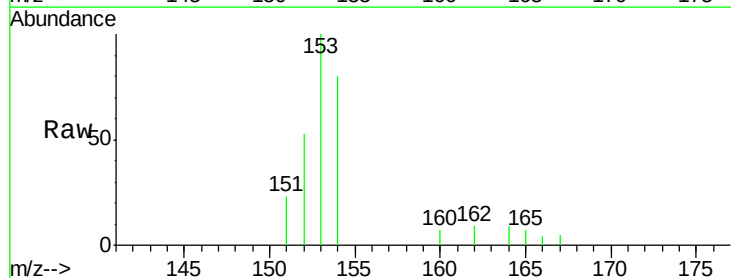
Tgt Ion:153 Resp: 2565

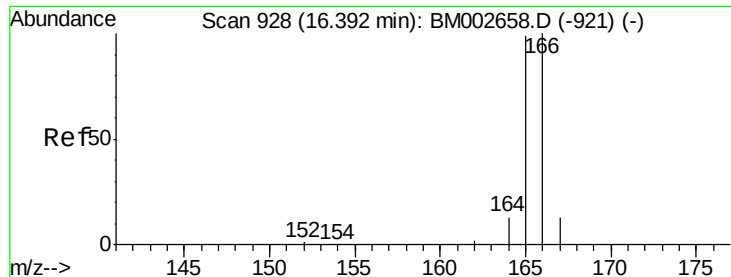
Ion Ratio Lower Upper

153 100

152 52.7 42.3 63.5

154 79.9 64.7 97.1

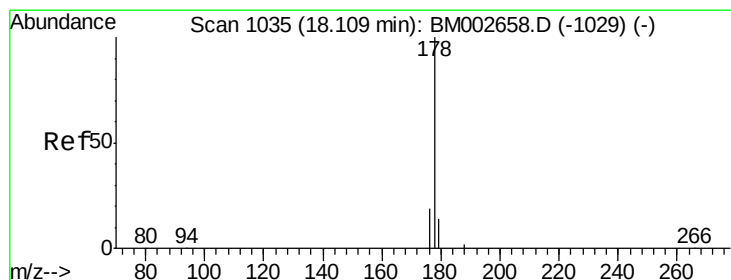
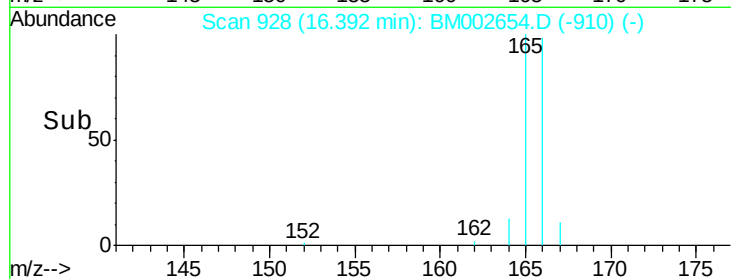
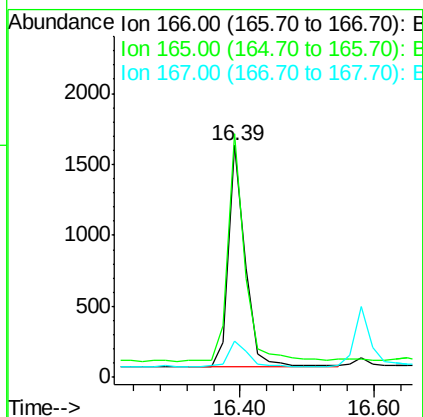
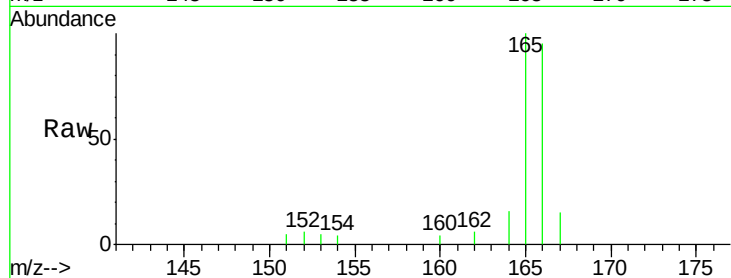




#11
Fluorene
 Concen: 0.05 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BM002654.D
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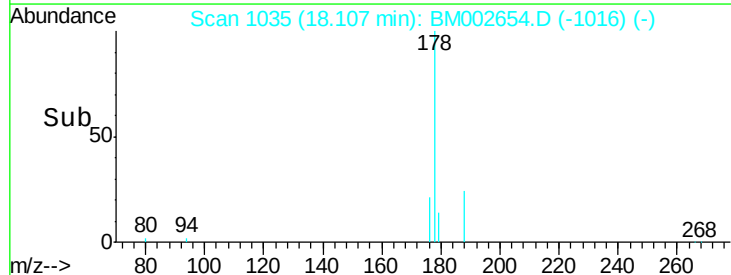
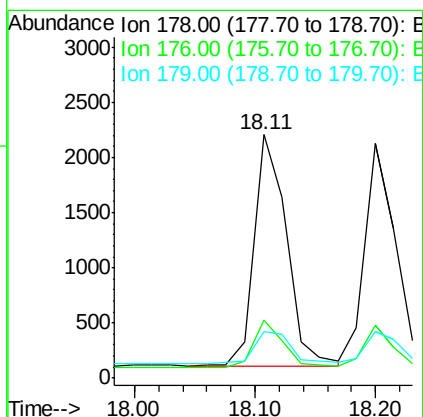
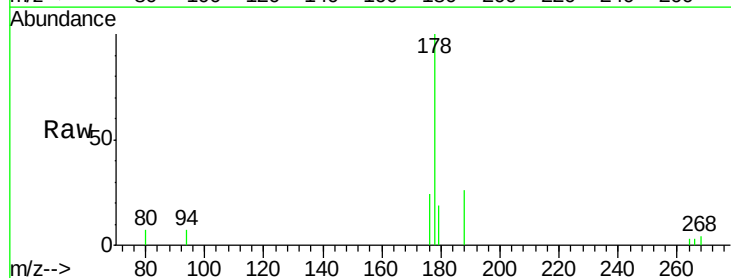
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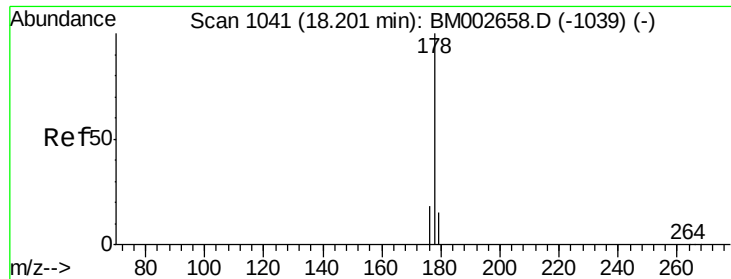
Tgt Ion:166 Resp: 2726
 Ion Ratio Lower Upper
 166 100
 165 105.0 87.6 131.4
 167 15.8 11.1 16.7



#14
Phenanthrene
 Concen: 0.06 ng/ul
 RT: 18.11 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BM002654.D
 Acq: 03 Sep 2015 18:51

Tgt Ion:178 Resp: 3874
 Ion Ratio Lower Upper
 178 100
 176 24.1 16.2 24.4
 179 19.3 12.8 19.2#

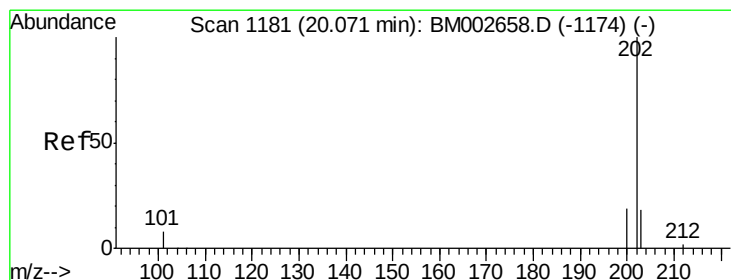
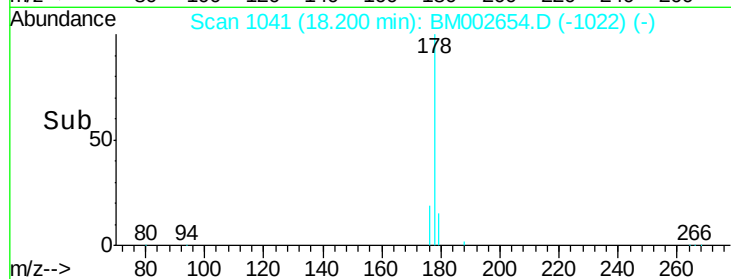
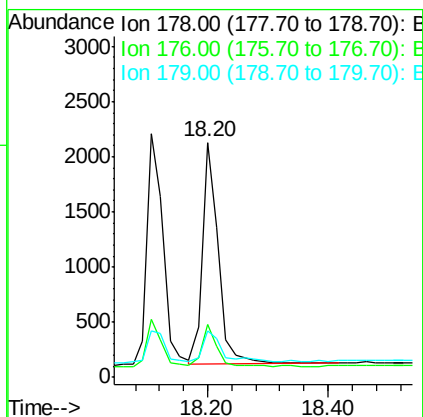
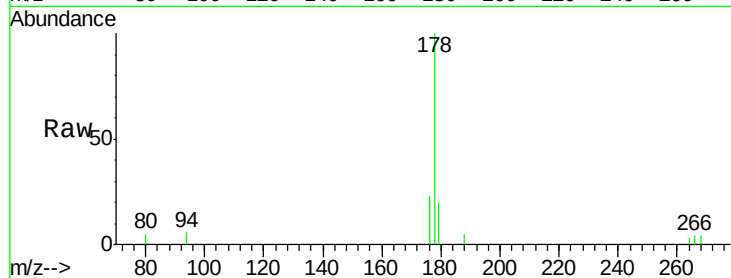




#15
 Anthracene
 Concen: 0.05 ng/ul
 RT: 18.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM002654.D
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Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion:178 Resp: 3778
 Ion Ratio Lower Upper
 178 100
 176 22.7 15.8 23.8
 179 20.0 13.3 19.9#



#17
 Fluoranthene
 Concen: 0.06 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BM002654.D
 Acq: 03 Sep 2015 18:51

Tgt Ion:202 Resp: 4510
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 33.1
 203 24.0 0.0 37.2

