

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001178.D
 Acq On : 02 May 2015 21:48
 Operator : TP/IZ
 Sample : G2058-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-54

Quant Time: May 04 17:50:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

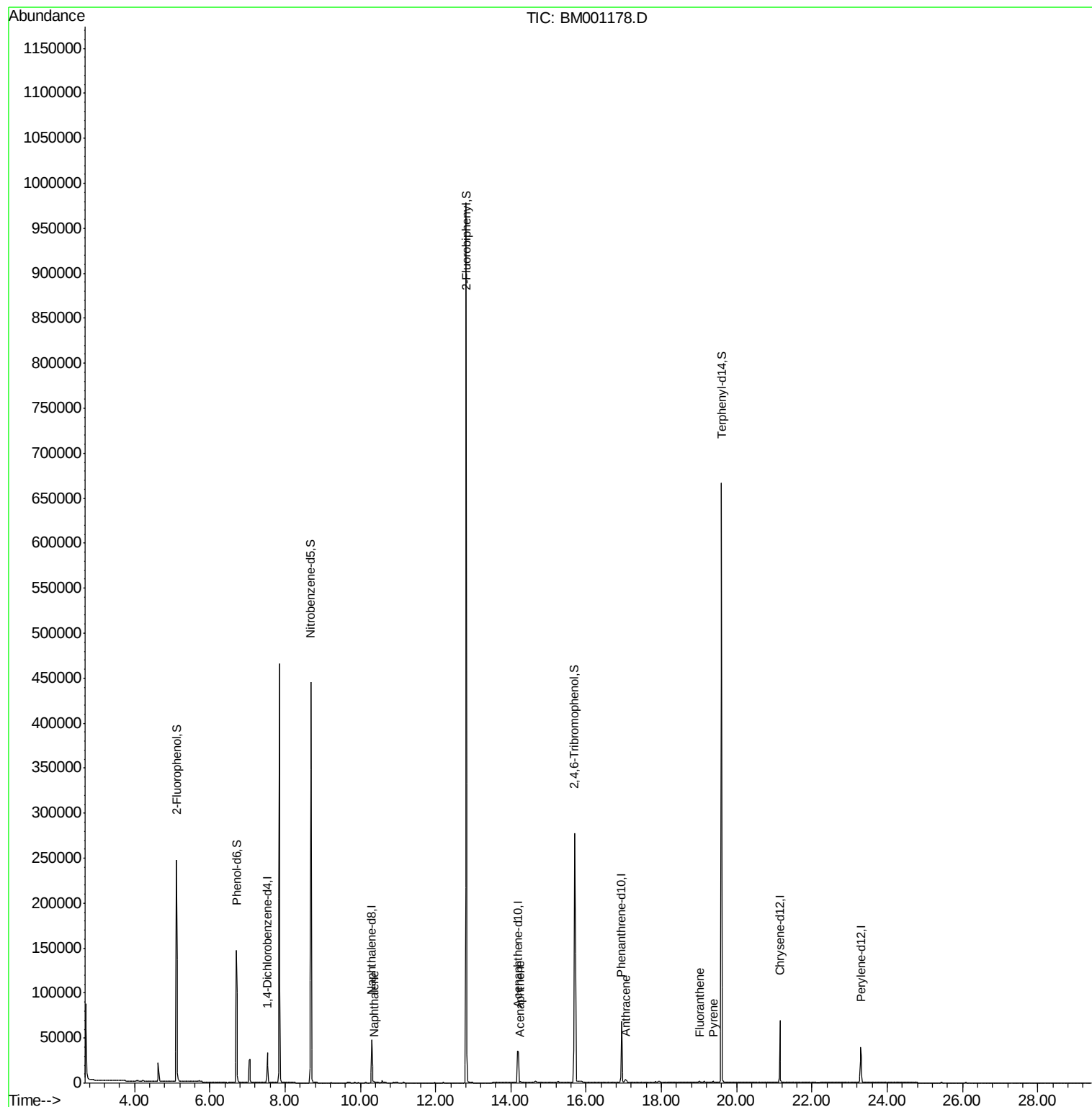
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	16934	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	63372	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	33906	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	84262	5.00	ng	0.00
24) Chrysene-d12	21.15	240	62431	5.00	ng	0.00
30) Perylene-d12	23.29	264	47673	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	194155	58.95	ng	-0.01
5) Phenol-d6	6.71	99	162853	40.13	ng	0.00
7) Nitrobenzene-d5	8.69	82	357018	99.46	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	234884	139.17	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	933750	83.27	ng	0.00
26) Terphenyl-d14	19.59	244	713923	82.94	ng	0.00
Target Compounds						
9) Naphthalene	10.36	128	1361	0.10	ng	# 86
16) Acenaphthene	14.24	154	691	0.07	ng	92
22) Anthracene	17.06	178	3076	0.17	ng	# 83
23) Fluoranthene	19.01	202	1149	0.05	ng	# 66
25) Pyrene	19.38	202	1195	0.06	ng	# 90

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

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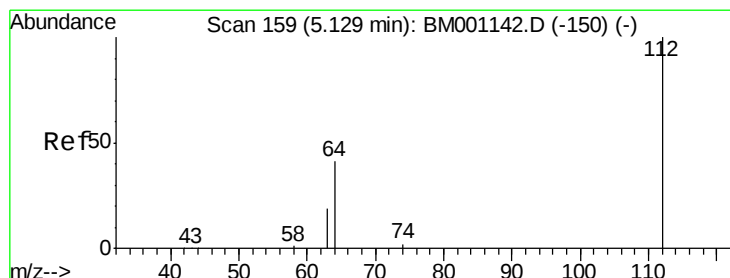
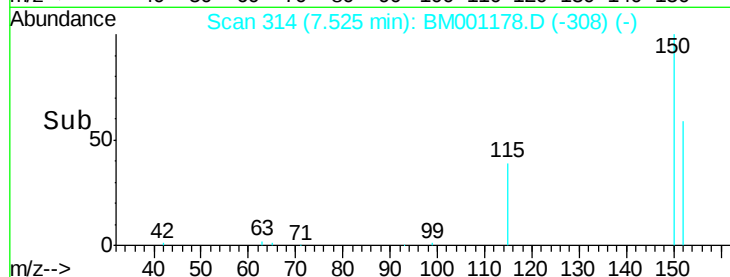
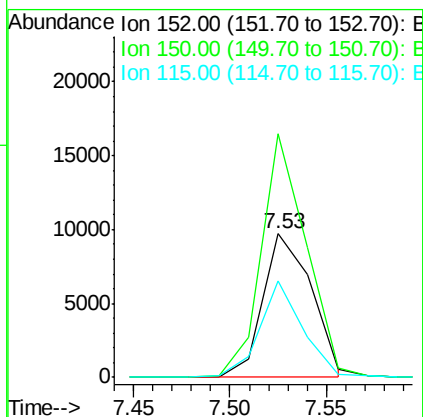
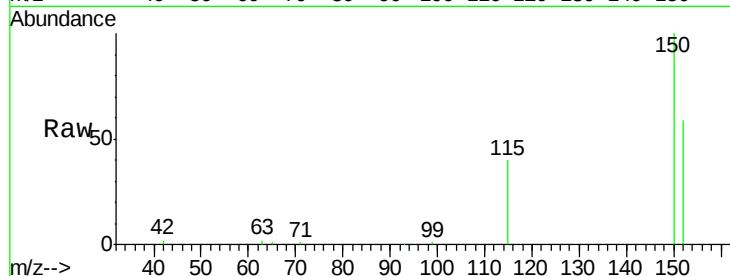


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Instrument :
BNA_M
ClientSampleId :
MW-54

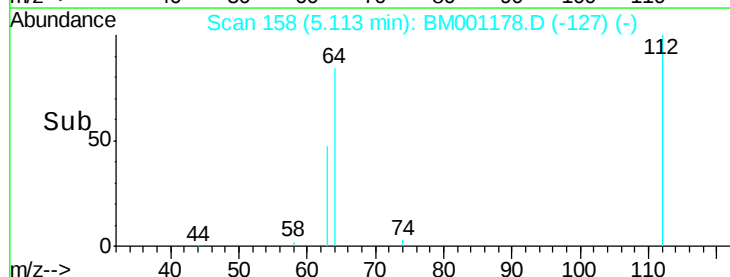
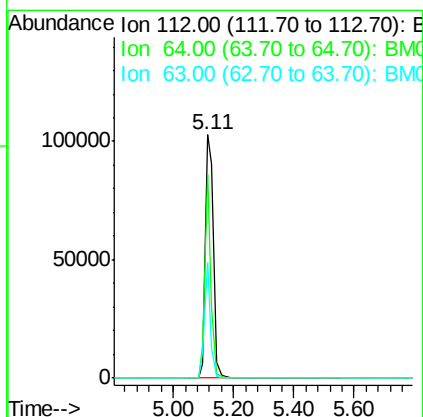
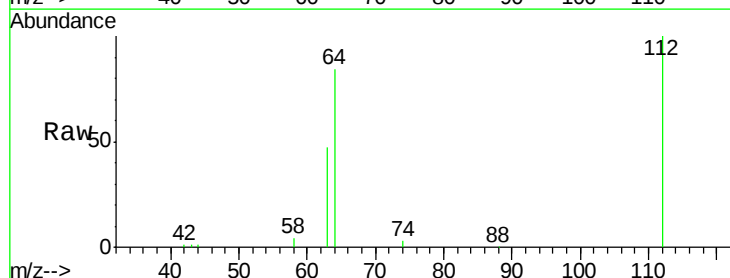
Tot Ion:152 Resp: 16934
Ion Ratio Lower Upper
152 100
150 169.6 140.1 210.1
115 67.1 57.8 86.6

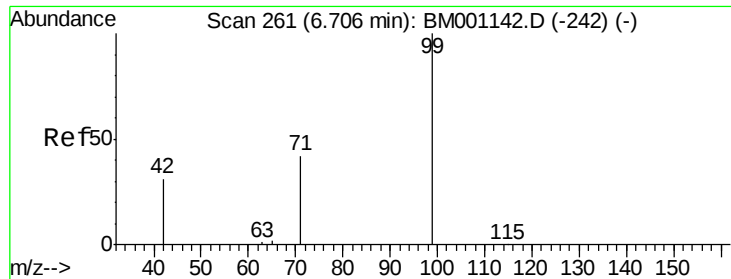


#4

2-Fluorophenol
Concen: 58.95 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:112 Resp: 194155
Ion Ratio Lower Upper
112 100
64 63.8 52.6 79.0
63 35.4 29.5 44.3





#5

Phenol-d6

Concen: 40.13 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

Instrument :

BNA_M

ClientSampled :

MW-54

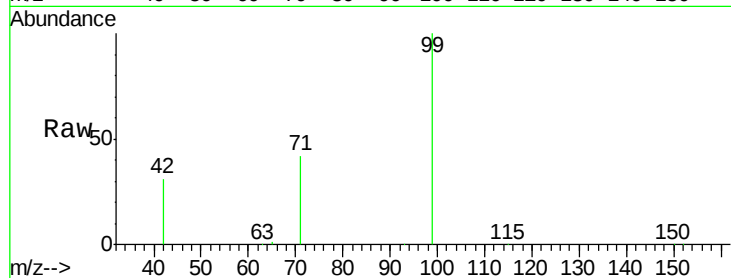
Tot Ion: 99 Resp: 162853

Ion Ratio Lower Upper

99 100

42 23.8 20.9 31.3

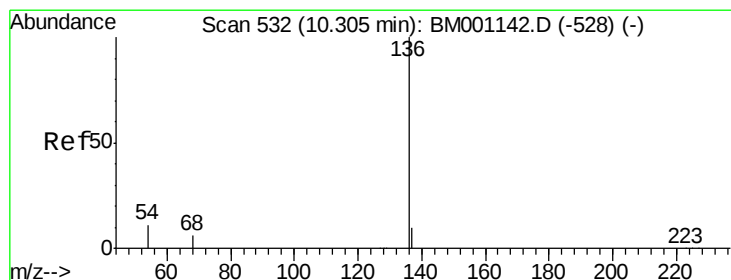
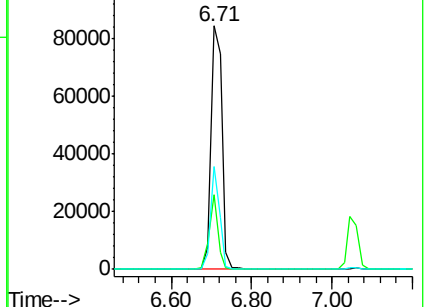
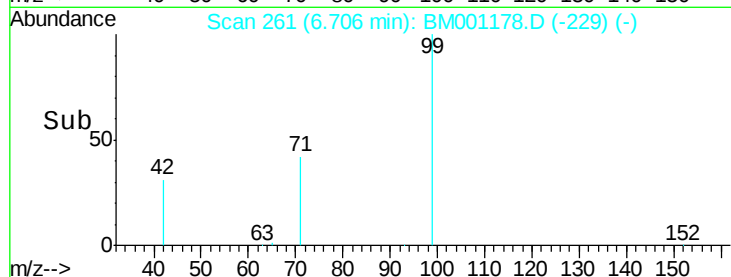
71 34.8 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001178.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001178.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001178.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

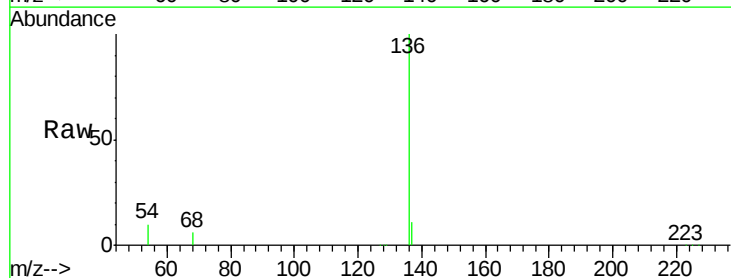
Tgt Ion: 136 Resp: 63372

Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

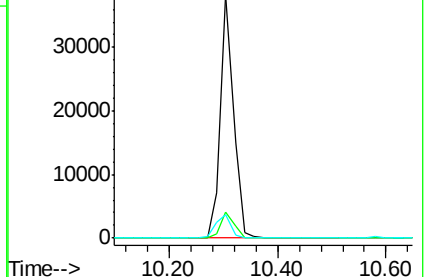
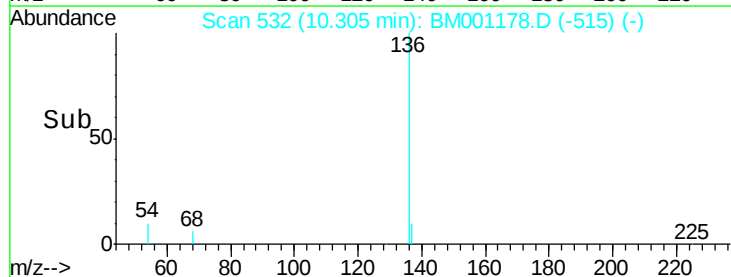
54 9.8 9.0 13.4

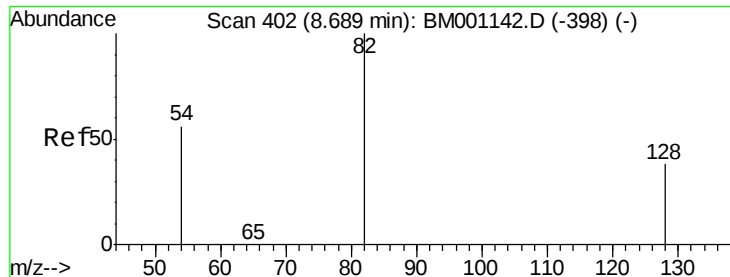


Abundance Ion 136.00 (135.70 to 136.70): BM001178.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001178.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001178.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 99.46 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

Instrument :

BNA_M

ClientSampleId :

MW-54

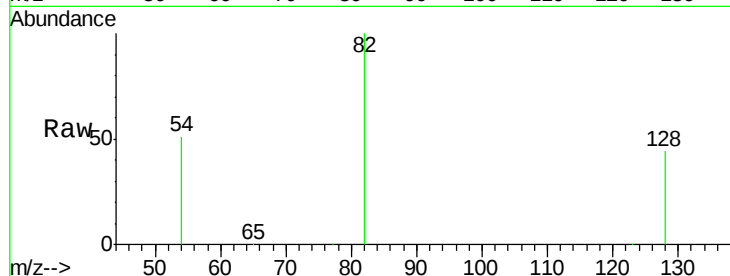
Tot Ion: 82 Resp: 357018

Ion Ratio Lower Upper

82 100

128 43.5 31.9 47.9

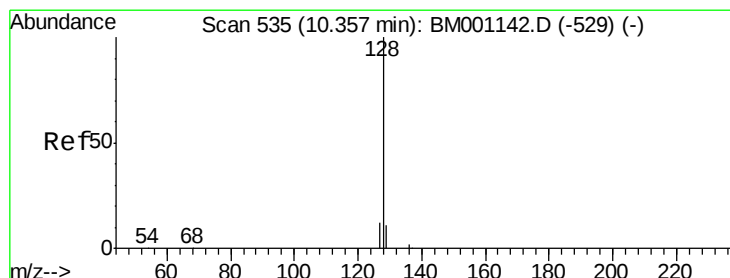
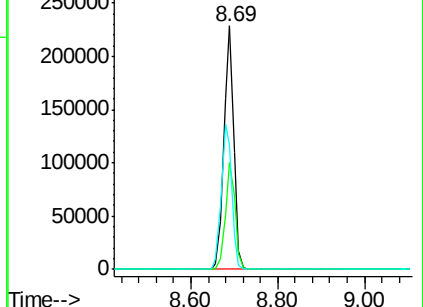
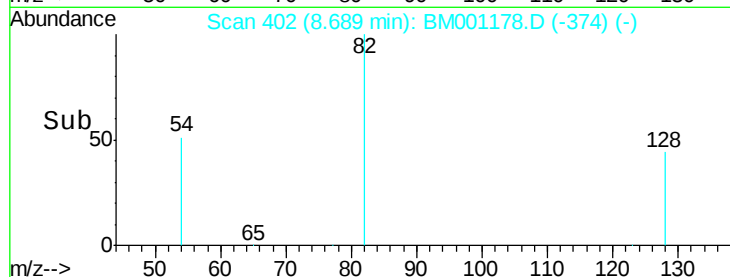
54 51.0 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001178.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BM001178.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001178.D (-374) (-)



#9

Naphthalene

Concen: 0.10 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

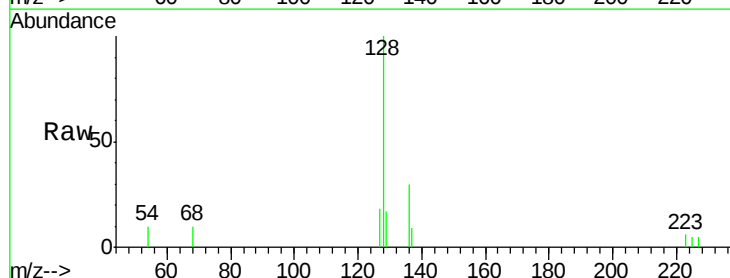
Tgt Ion: 128 Resp: 1361

Ion Ratio Lower Upper

128 100

129 16.8 9.0 13.6#

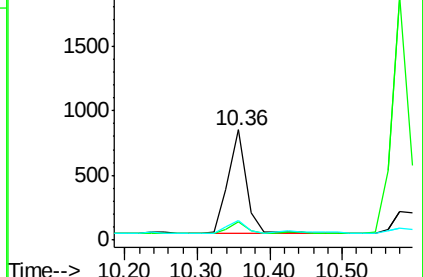
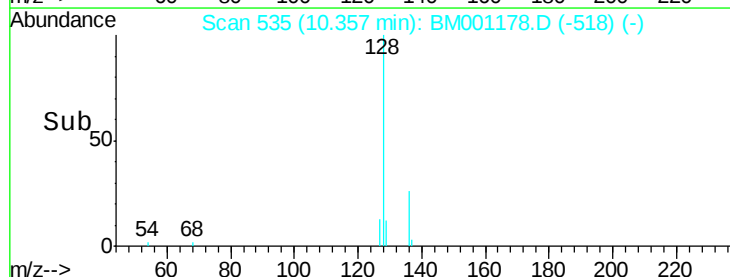
127 18.0 10.0 15.0#

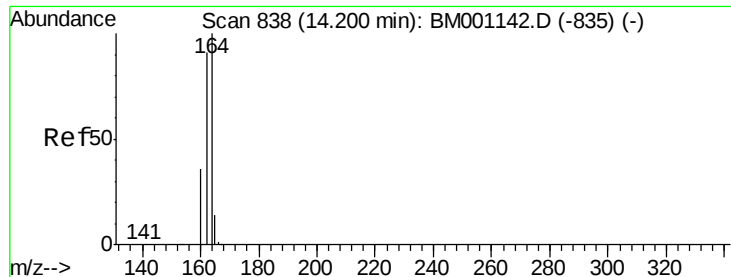


Abundance Ion 128.00 (127.70 to 128.70): BM001178.D (-518) (-)

Ion 129.00 (128.70 to 129.70): BM001178.D (-518) (-)

Ion 127.00 (126.70 to 127.70): BM001178.D (-518) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

Instrument :

BNA_M

ClientSampleId :

MW-54

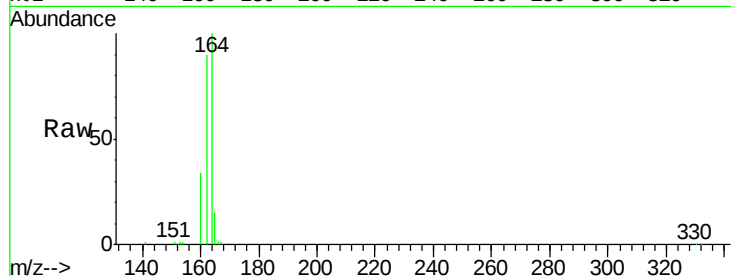
Tot Ion:164 Resp: 33906

Ion Ratio Lower Upper

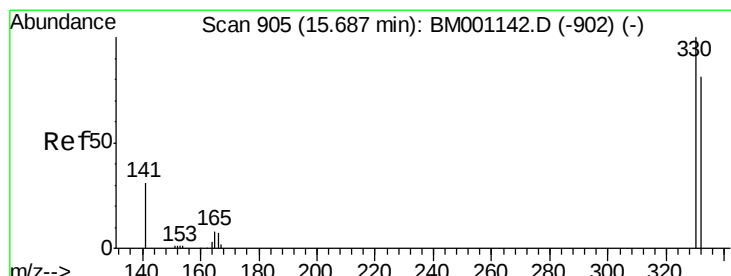
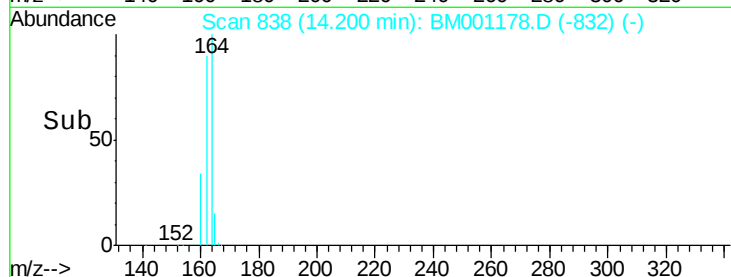
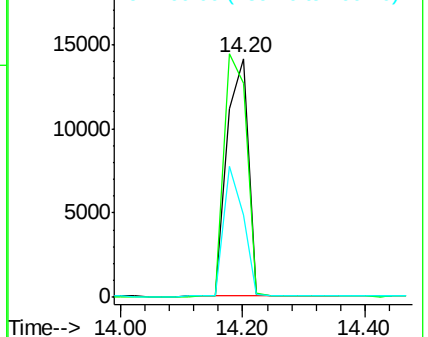
164 100

162 89.7 72.7 109.1

160 34.4 28.7 43.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 139.17 ng

RT: 15.69 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

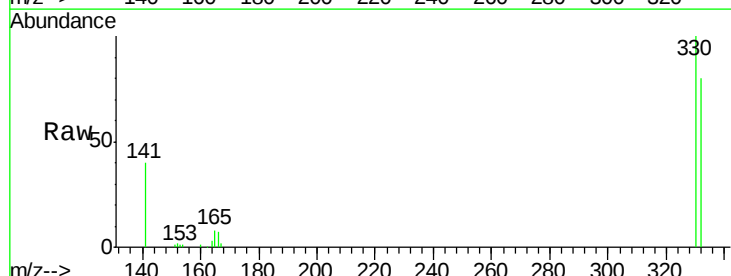
Tgt Ion:330 Resp: 234884

Ion Ratio Lower Upper

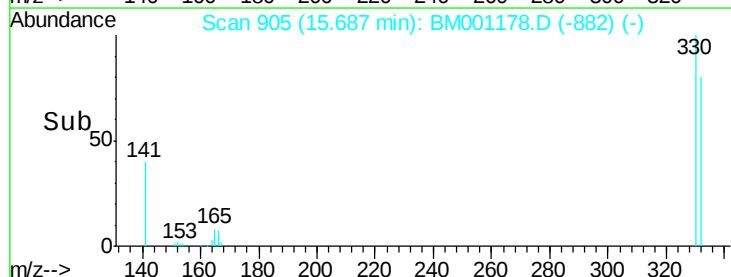
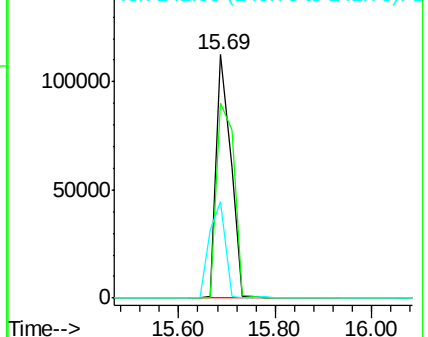
330 100

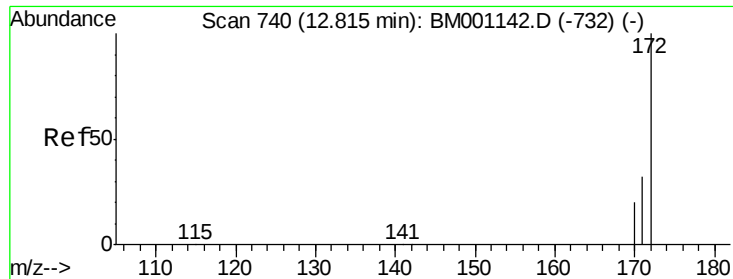
332 96.5 74.5 111.7

141 43.8 21.0 31.4#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

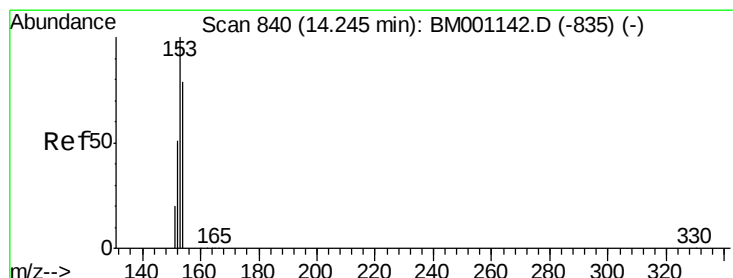
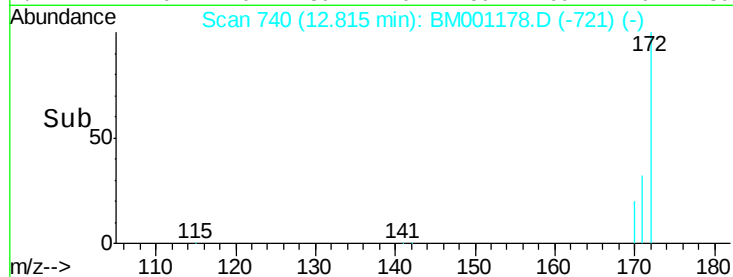
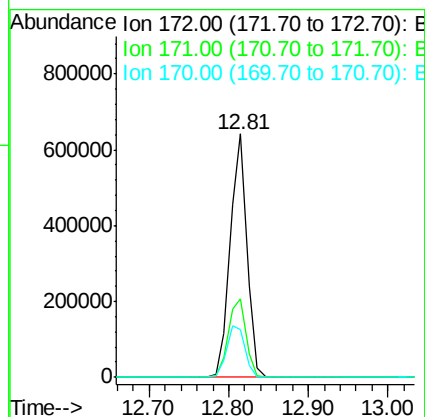
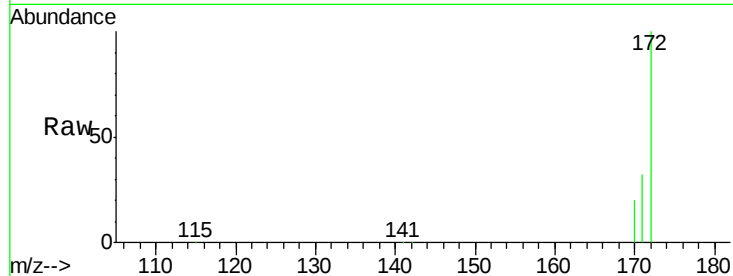




#14
2-Fluorobiphenyl
Concen: 83.27 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

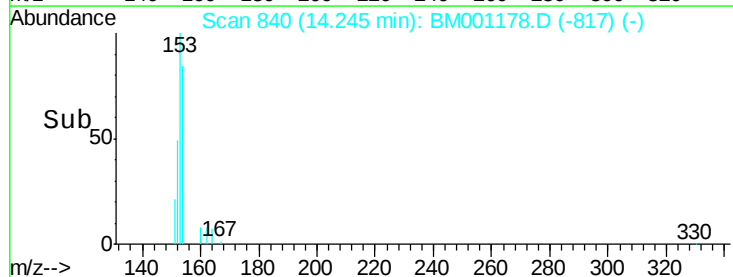
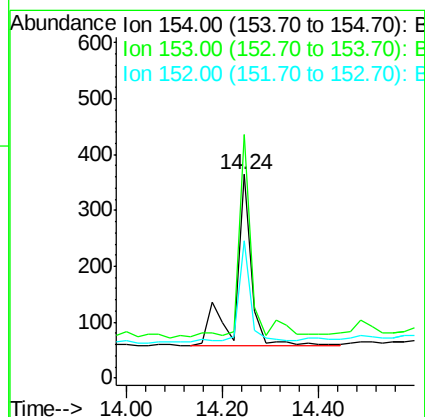
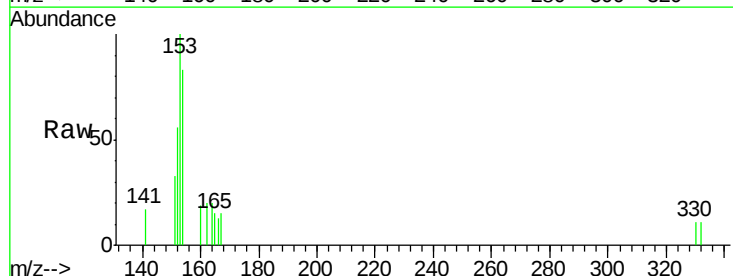
Instrument :
BNA_M
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MW-54

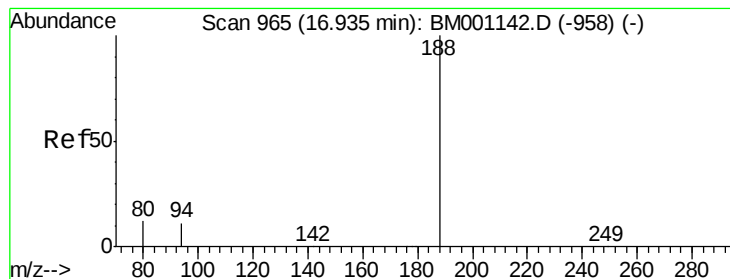
Tot Ion:172 Resp: 933750
Ion Ratio Lower Upper
172 100
171 32.3 25.8 38.6
170 19.7 16.1 24.1



#16
Acenaphthene
Concen: 0.07 ng
RT: 14.24 min Scan# 840
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:154 Resp: 691
Ion Ratio Lower Upper
154 100
153 102.5 90.6 136.0
152 53.4 45.0 67.4





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

Instrument :

BNA_M

ClientSampleId :

MW-54

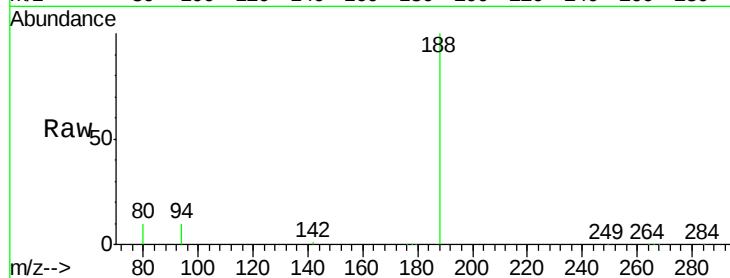
Tot Ion:188 Resp: 84262

Ion Ratio Lower Upper

188 100

94 9.8 9.3 13.9

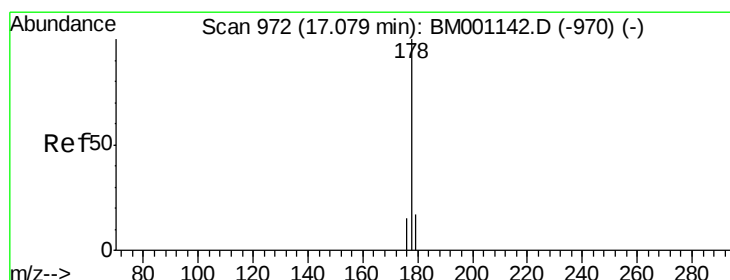
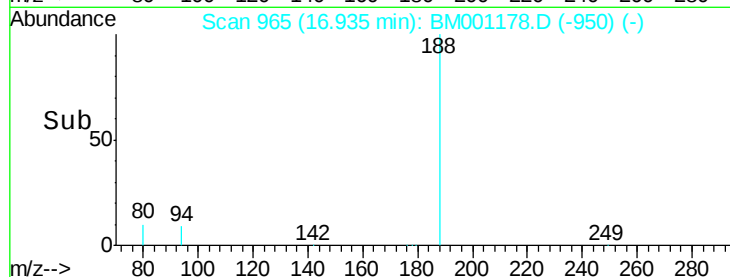
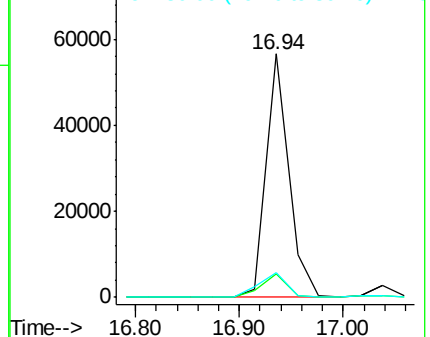
80 10.2 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#22

Anthracene

Concen: 0.17 ng

RT: 17.06 min Scan# 971

Delta R.T. -0.02 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

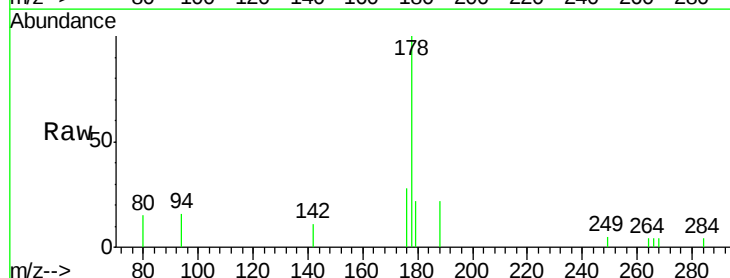
Tgt Ion:178 Resp: 3076

Ion Ratio Lower Upper

178 100

176 17.3 14.3 21.5

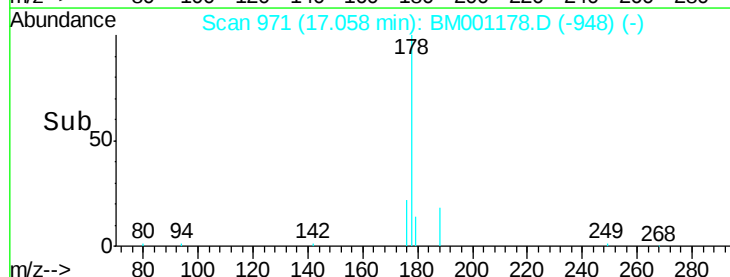
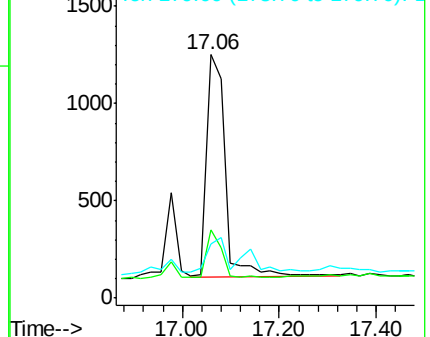
179 0.0 12.2 18.2#

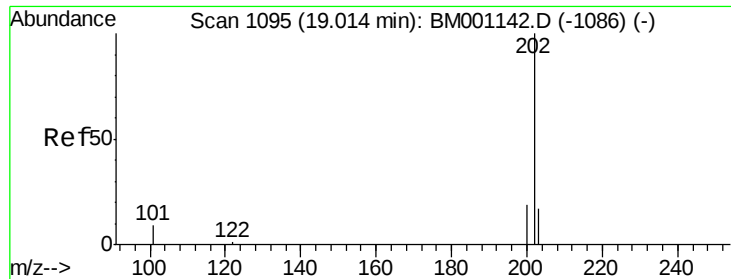


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.05 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

Instrument :

BNA_M

ClientSampled :

MW-54

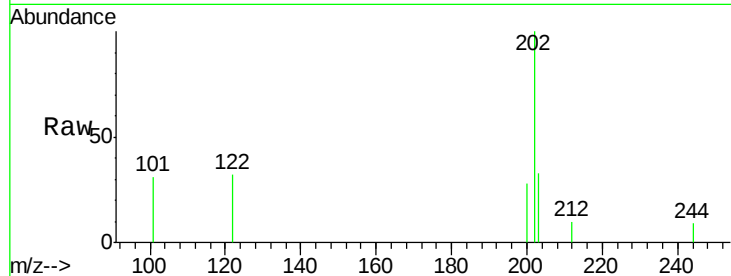
Tot Ion:202 Resp: 1149

Ion Ratio Lower Upper

202 100

101 39.6 9.3 13.9#

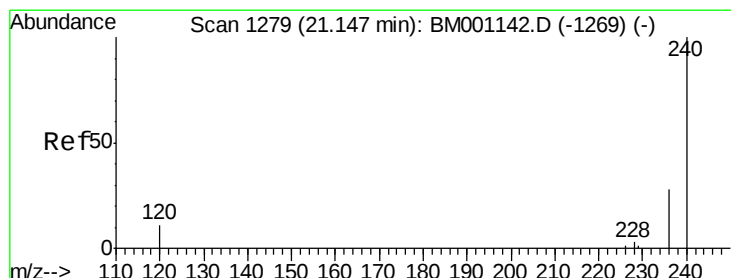
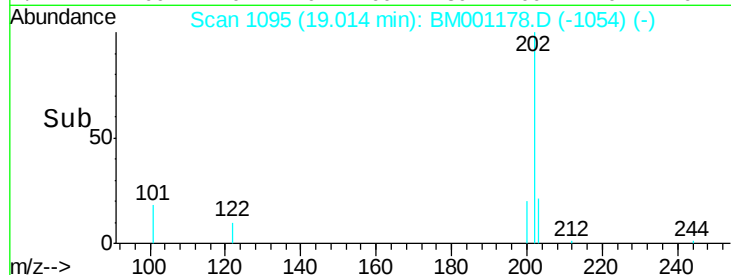
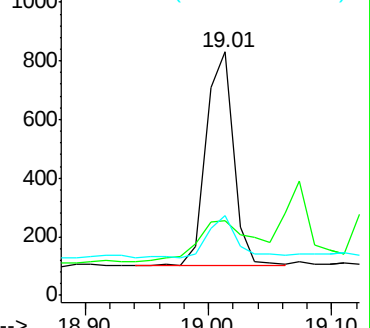
203 20.4 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

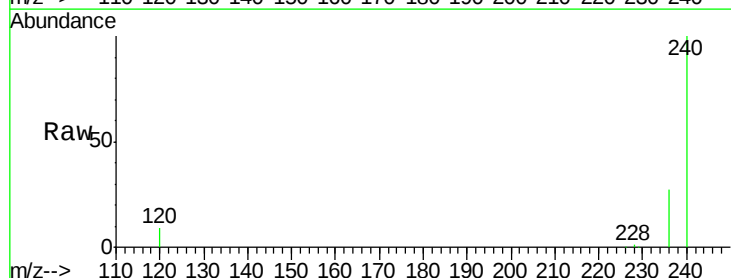
Tgt Ion:240 Resp: 62431

Ion Ratio Lower Upper

240 100

120 8.6 9.2 13.8#

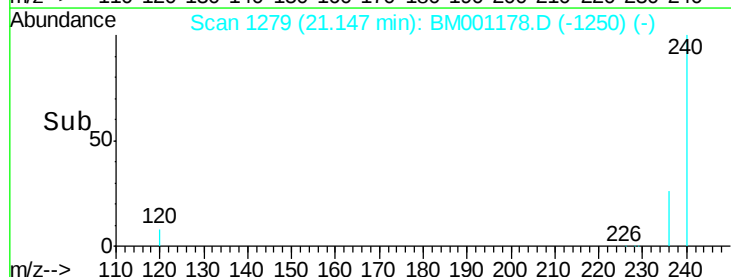
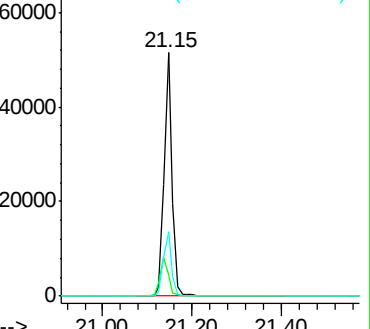
236 26.6 22.4 33.6

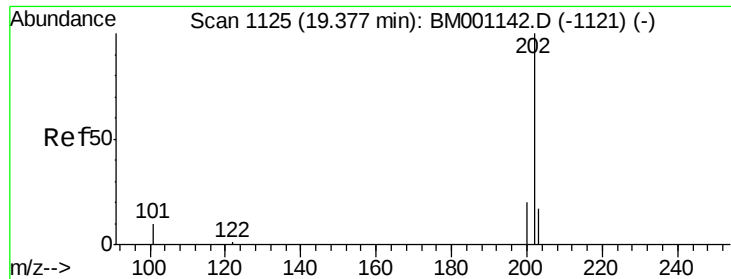


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

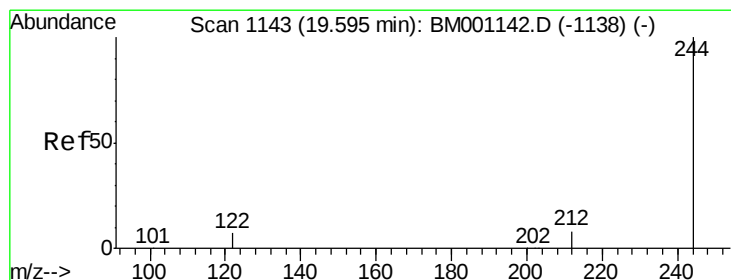
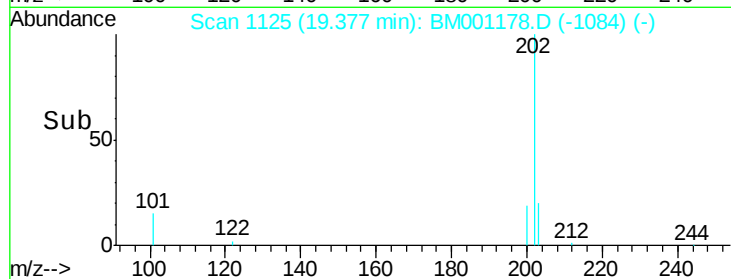
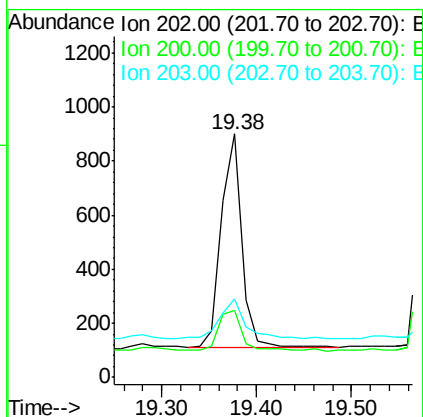
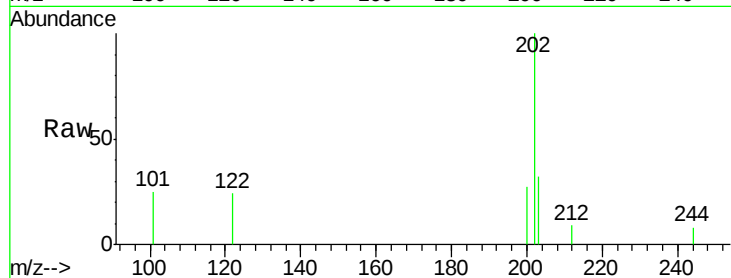




#25
Pvrene
Concen: 0.06 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

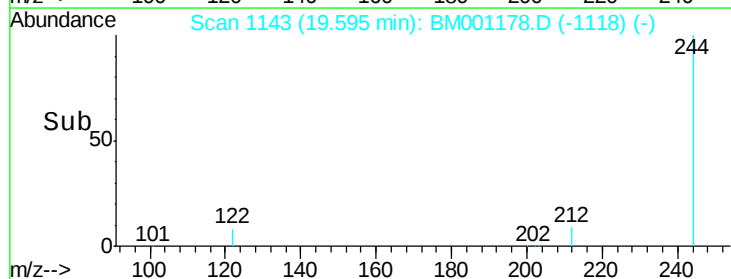
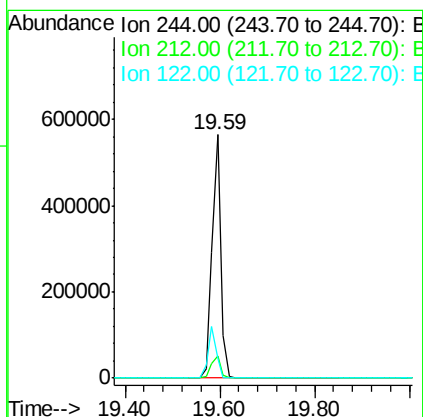
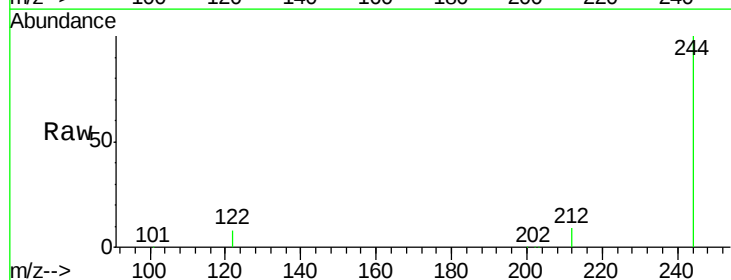
Instrument :
BNA_M
ClientSampleId :
MW-54

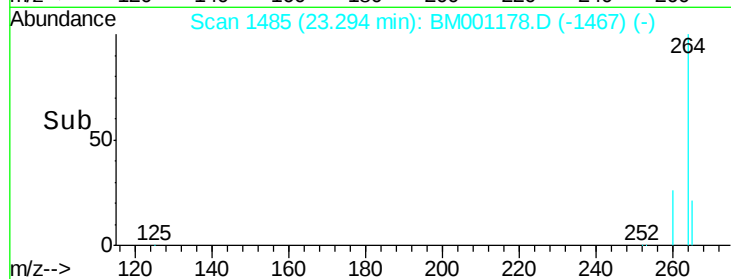
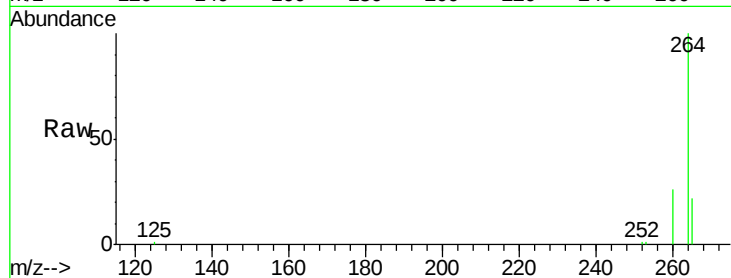
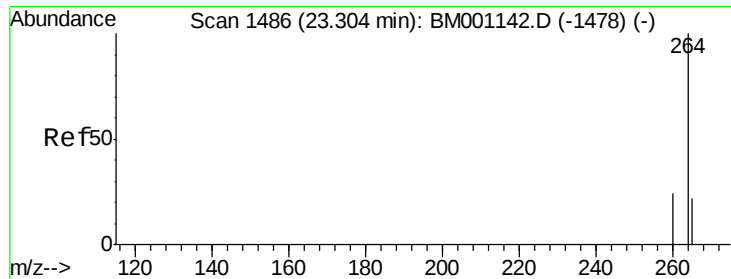
Tot Ion:202 Resp: 1195
Ion Ratio Lower Upper
202 100
200 22.3 16.4 24.6
203 24.7 13.8 20.6#



#26
Terphenyl-d14
Concen: 82.94 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001178.D
Acq: 02 May 2015 21:48

Tgt Ion:244 Resp: 713923
Ion Ratio Lower Upper
244 100
212 9.2 7.1 10.7
122 8.3 6.2 9.4





#30

Pervlene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001178.D

Acq: 02 May 2015 21:48

Instrument :

BNA_M

ClientSampleId :

MW-54

Tot Ion: 264 Resp: 47673

Ion Ratio Lower Upper

264 100

260 25.7 18.9 28.3

265 21.7 18.1 27.1

