

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001192.D
 Acq On : 04 May 2015 20:13
 Operator : TP/IZ
 Sample : G2058-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MPE-15

Quant Time: May 05 04:03:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 03:49:45 2015
 Response via : Initial Calibration

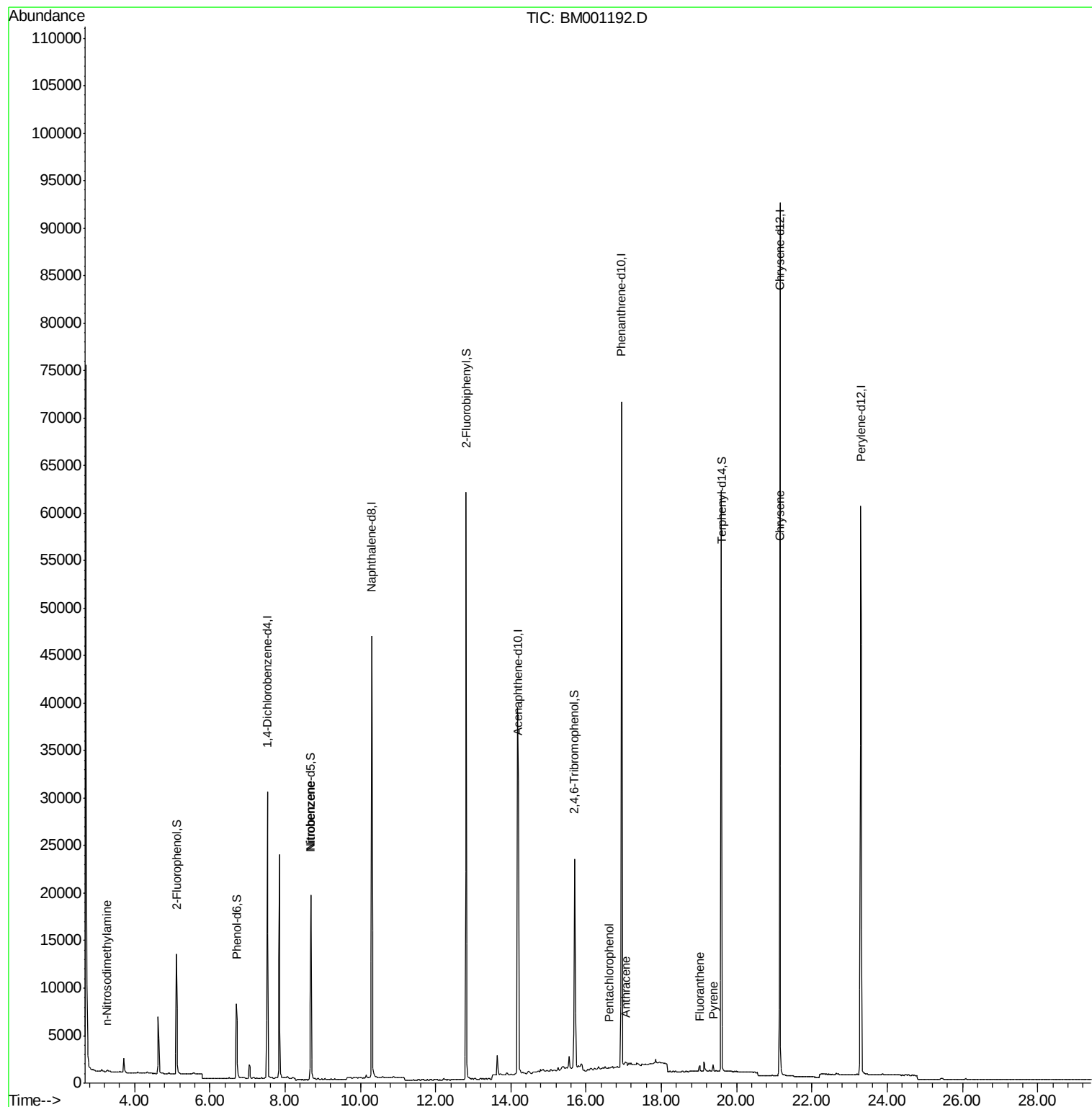
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	15178	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	61102	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	34709	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	87304	5.00	ng	0.00
24) Chrysene-d12	21.15	240	82421	5.00	ng	0.00
30) Perylene-d12	23.29	264	72983	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	10391	3.52	ng	0.00
5) Phenol-d6	6.71	99	9394	2.58	ng	0.00
7) Nitrobenzene-d5	8.69	82	18520	5.35	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	17116	10.05	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	62113	5.41	ng	0.00
26) Terphenyl-d14	19.59	244	71911	6.33	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.27	42	102	0.05	ng	# 1
8) Nitrobenzene	8.68	77	66	0.16	ng	# 24
20) Pentachlorophenol	16.61	266	239	0.49	ng	# 77
22) Anthracene	17.06	178	687	0.04	ng	# 55
23) Fluoranthene	19.01	202	558	0.02	ng	# 75
25) Pyrene	19.38	202	818	0.03	ng	# 90
28) Chrysene	21.14	228	463	0.02	ng	# 60

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

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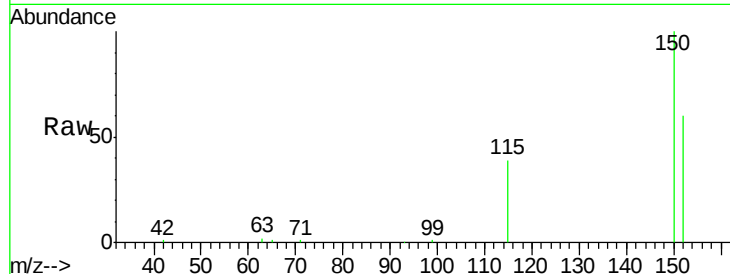




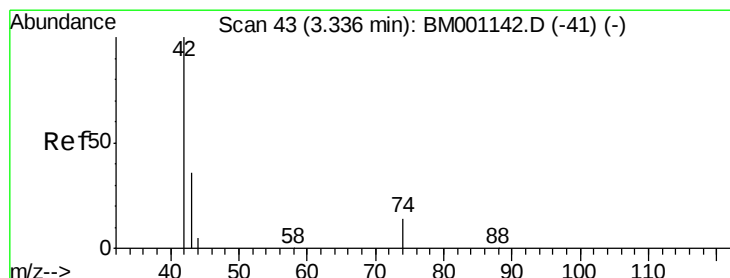
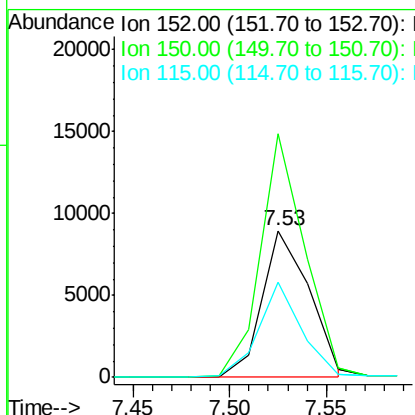
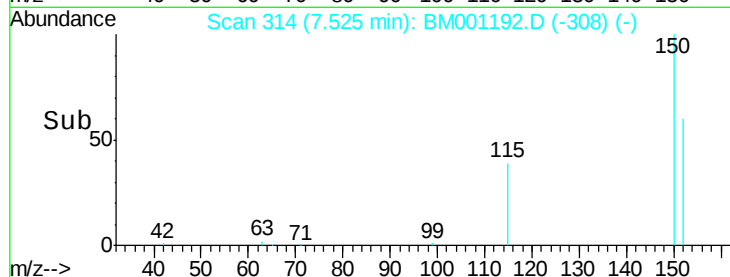
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.53 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: BM001192.D
 Acq: 04 May 2015 20:13

Instrument :
 BNA_M
 ClientSampleId :
 MPE-15

Tgt Ion: 152 Resp: 15178
 Ion Ratio Lower Upper
 152 100
 150 165.8 140.1 210.1
 115 64.8 57.8 86.6

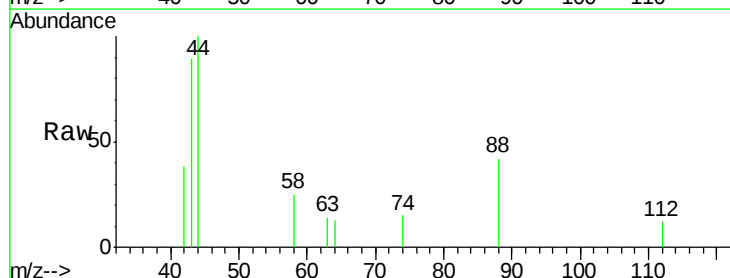


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

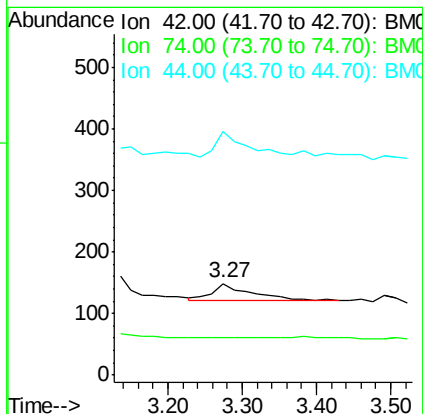
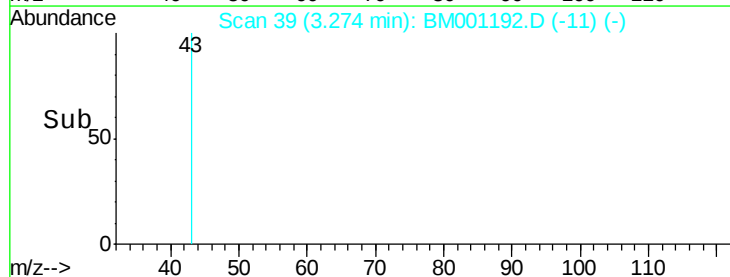


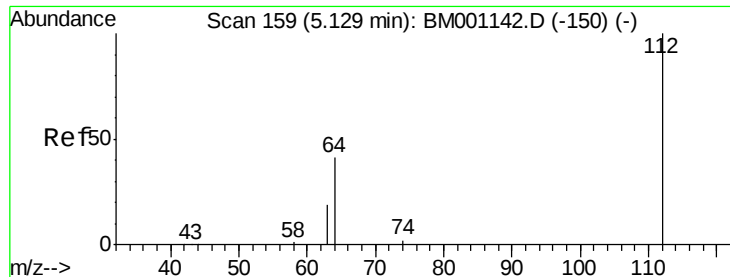
#3
 n-Nitrosodimethylamine
 Concen: 0.05 ng
 RT: 3.27 min Scan# 39
 Delta R.T. -0.06 min
 Lab File: BM001192.D
 Acq: 04 May 2015 20:13

Tgt Ion: 42 Resp: 102
 Ion Ratio Lower Upper
 42 100
 74 0.0 72.0 108.0#
 44 110.8 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 3.52 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampleId :

MPE-15

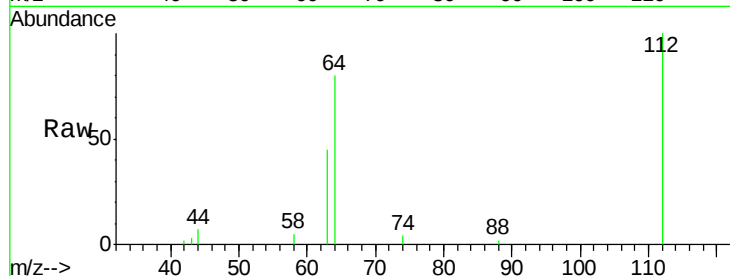
Tgt Ion: 112 Resp: 10391

Ion Ratio Lower Upper

112 100

64 64.7 52.6 79.0

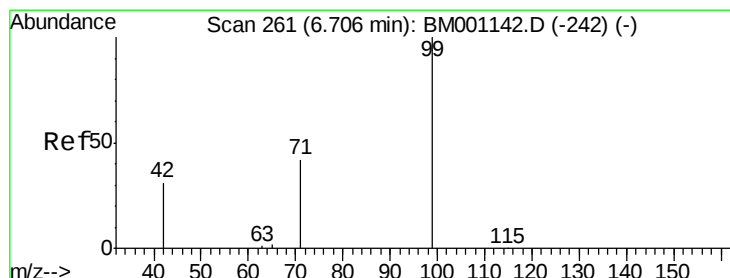
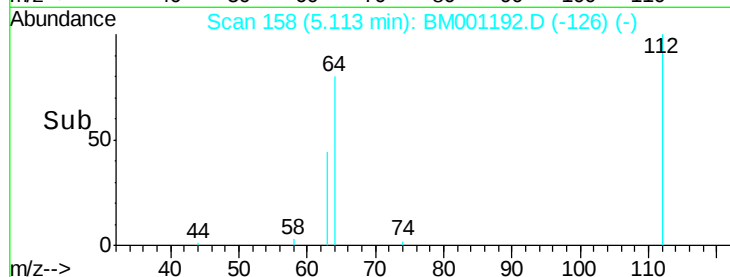
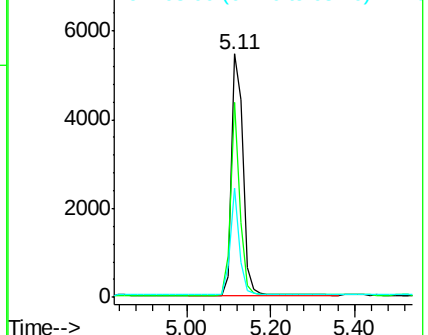
63 35.7 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 2.58 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

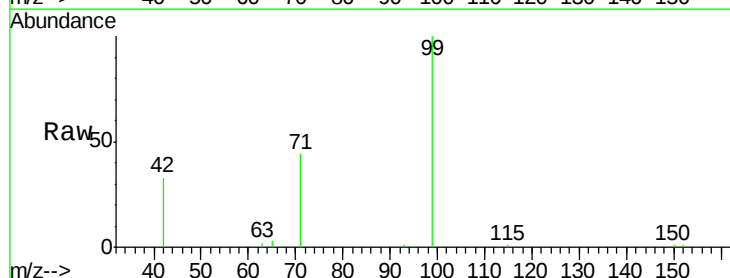
Tgt Ion: 99 Resp: 9394

Ion Ratio Lower Upper

99 100

42 24.4 20.9 31.3

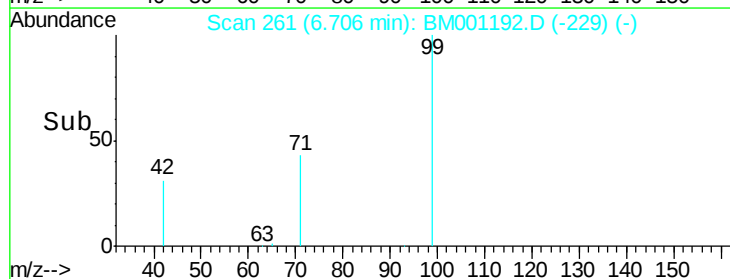
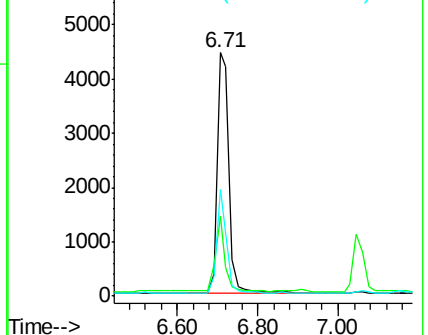
71 35.8 28.5 42.7

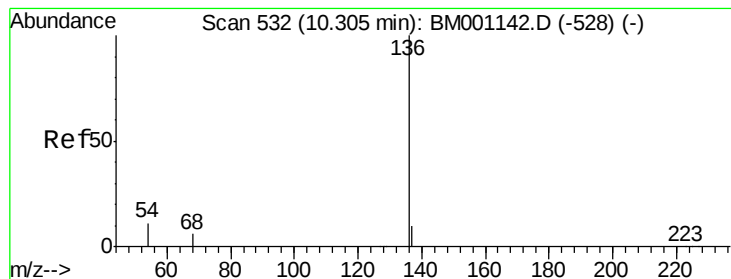


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampleId :

MPE-15

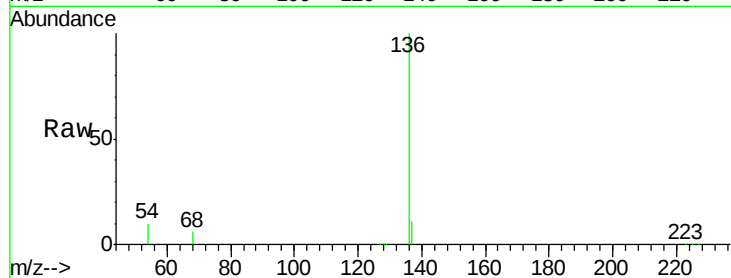
Tgt Ion:136 Resp: 61102

Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

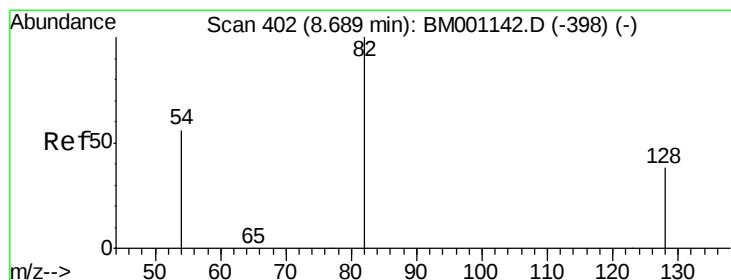
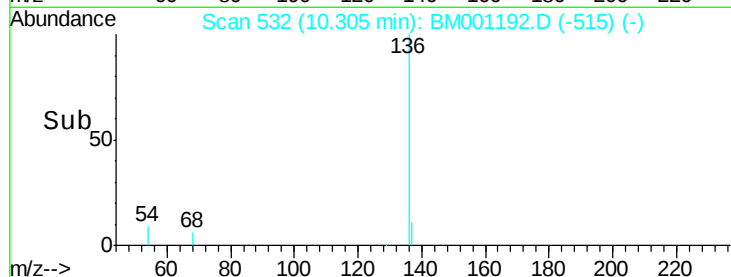
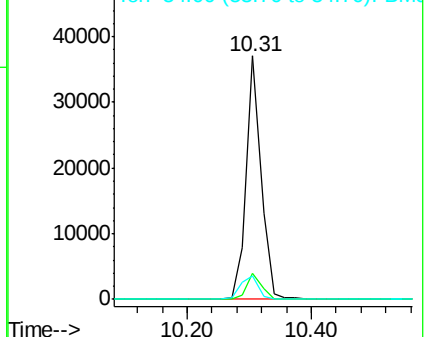
54 9.6 9.0 13.4



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM



#7

Nitrobenzene-d5

Concen: 5.35 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

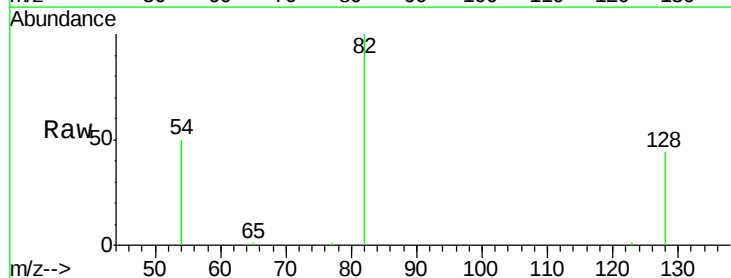
Tgt Ion: 82 Resp: 18520

Ion Ratio Lower Upper

82 100

128 44.4 31.9 47.9

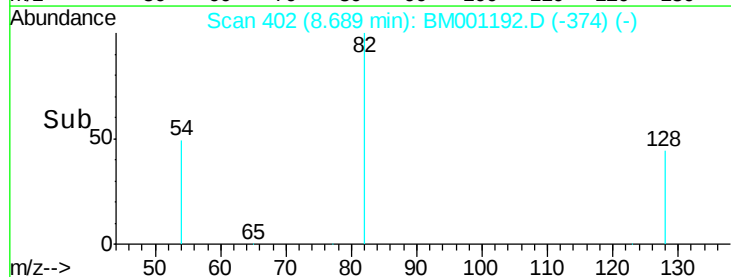
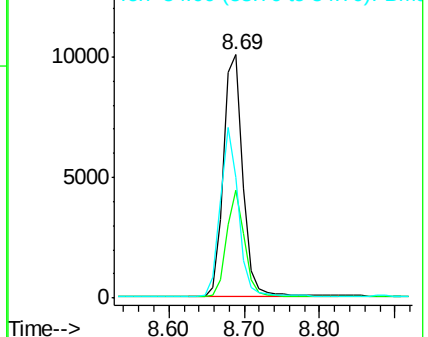
54 49.7 46.2 69.2

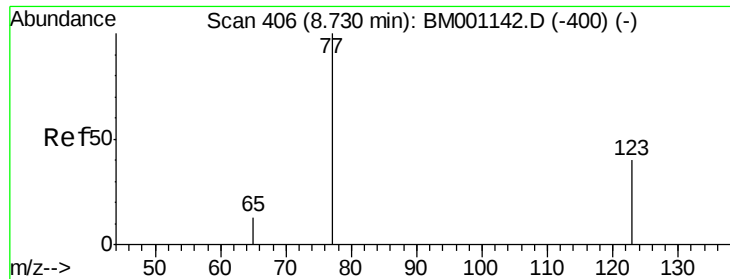


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.16 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.04 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampleId :

MPE-15

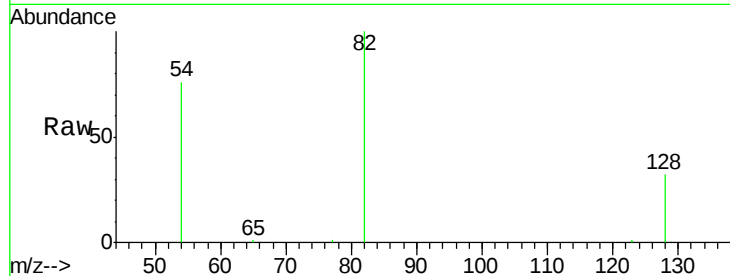
Tgt Ion: 77 Resp: 66

Ion Ratio Lower Upper

77 100

123 0.0 31.0 46.6#

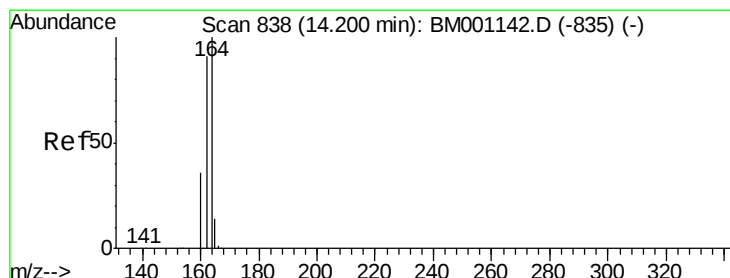
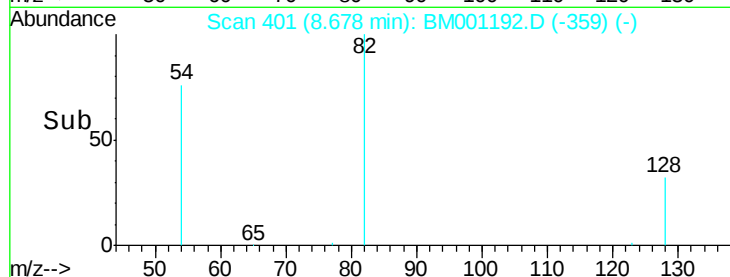
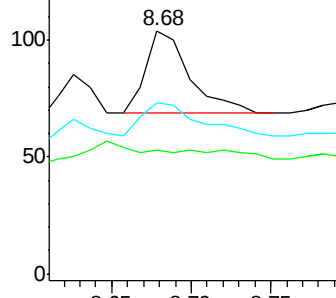
65 57.6 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM001192.D (-359) (-)

Ion 123.00 (122.70 to 123.70): BM001192.D (-359) (-)

Ion 65.00 (64.70 to 65.70): BM001192.D (-359) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

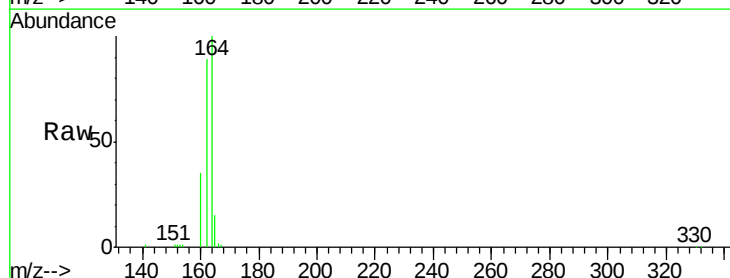
Tgt Ion: 164 Resp: 34709

Ion Ratio Lower Upper

164 100

162 88.8 72.7 109.1

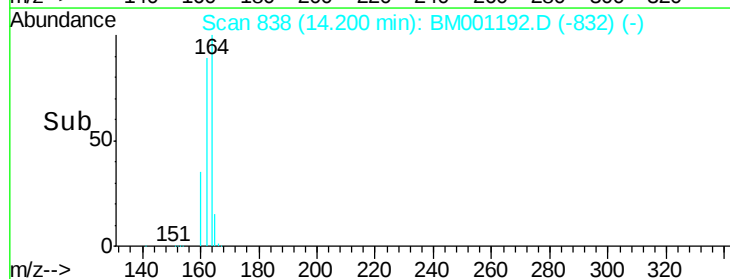
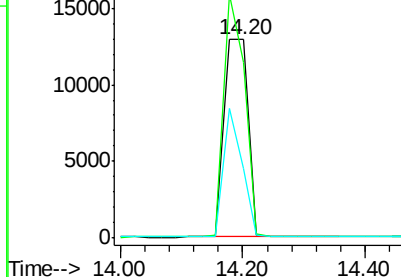
160 35.2 28.7 43.1

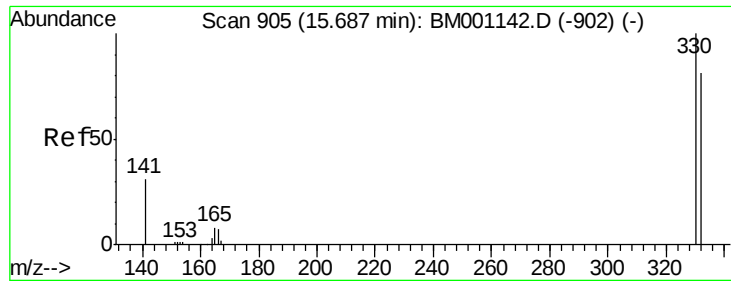


Abundance Ion 164.00 (163.70 to 164.70): BM001192.D (-832) (-)

Ion 162.00 (161.70 to 162.70): BM001192.D (-832) (-)

Ion 160.00 (159.70 to 160.70): BM001192.D (-832) (-)

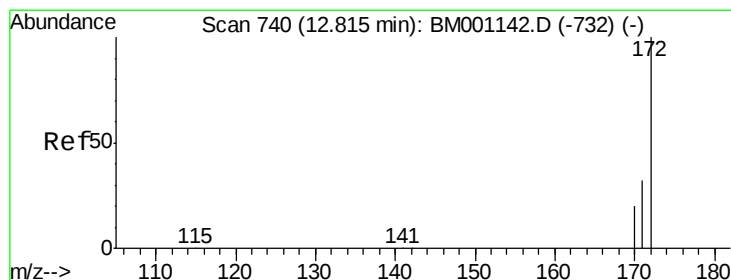
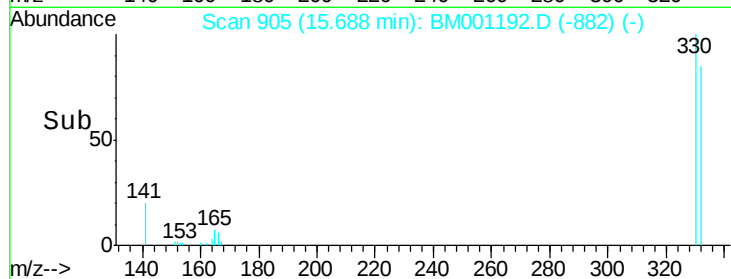
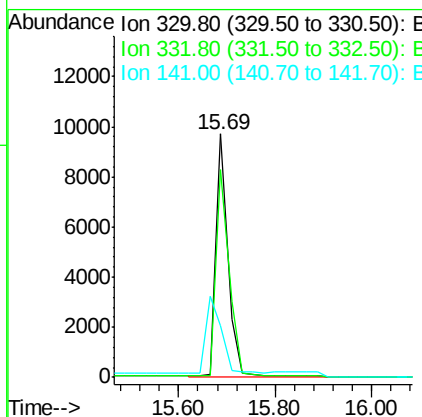
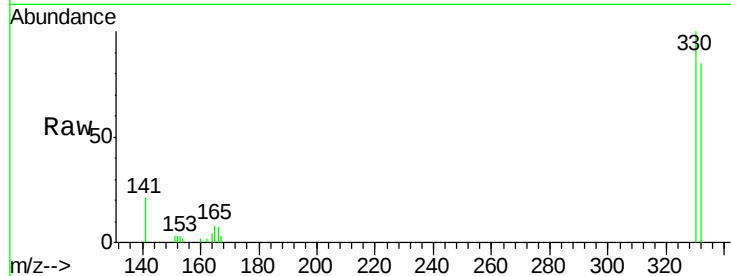




#13
 2,4,6-Tribromophenol
 Concen: 10.05 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001192.D
 Acq: 04 May 2015 20:13

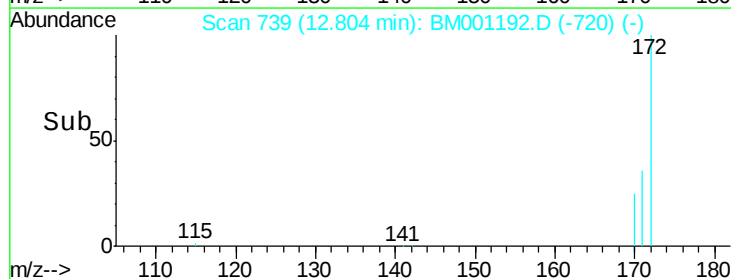
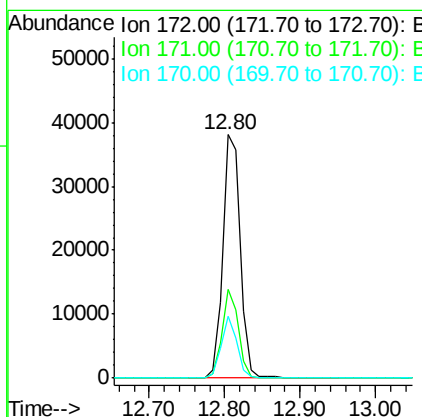
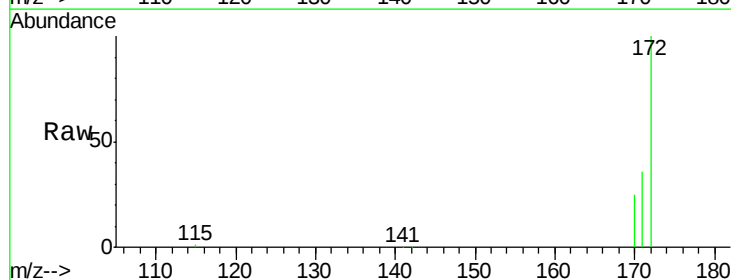
Instrument :
 BNA_M
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 MPE-15

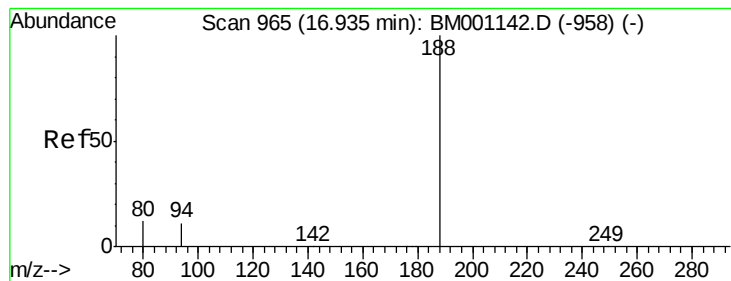
Tgt Ion:330 Resp: 17116
 Ion Ratio Lower Upper
 330 100
 332 94.0 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 5.41 ng
 RT: 12.80 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BM001192.D
 Acq: 04 May 2015 20:13

Tgt Ion:172 Resp: 62113
 Ion Ratio Lower Upper
 172 100
 171 36.5 25.8 38.6
 170 25.5 16.1 24.1#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampleId :

MPE-15

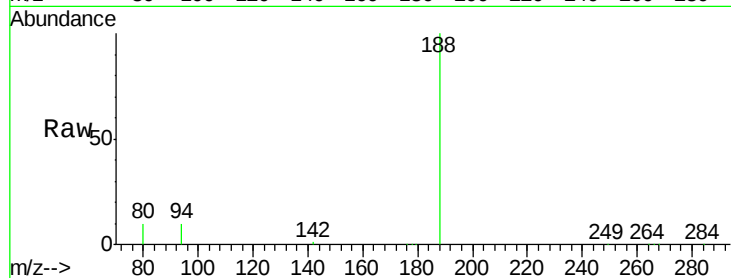
Tgt Ion:188 Resp: 87304

Ion Ratio Lower Upper

188 100

94 9.9 9.3 13.9

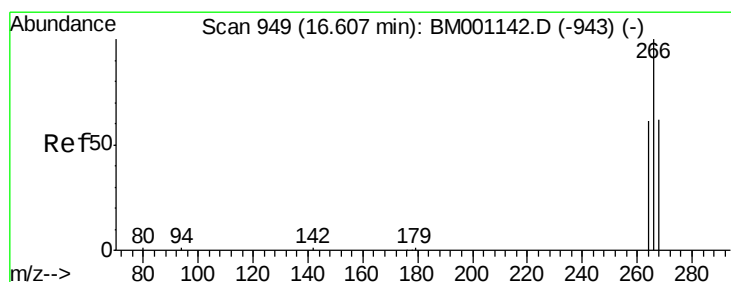
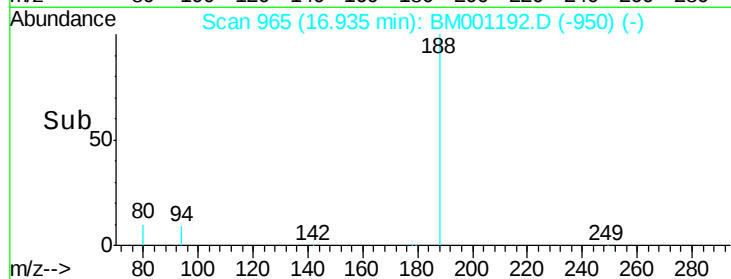
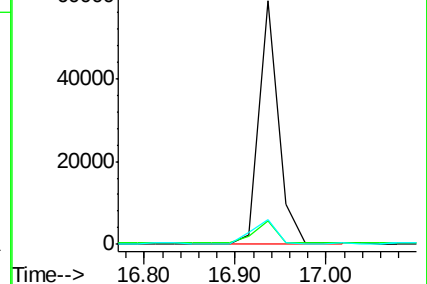
80 10.1 9.8 14.6



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



#20

Pentachlorophenol

Concen: 0.49 ng

RT: 16.61 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

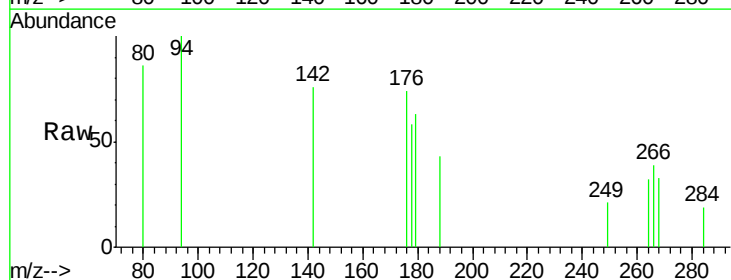
Tgt Ion:266 Resp: 239

Ion Ratio Lower Upper

266 100

268 84.3 52.6 79.0#

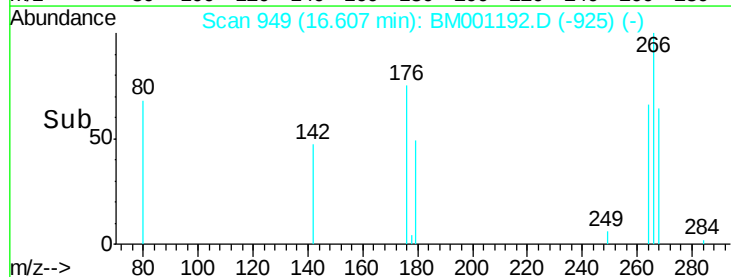
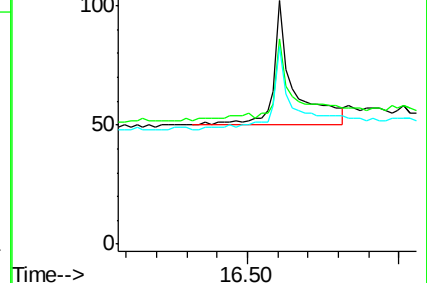
264 81.4 51.0 76.4#

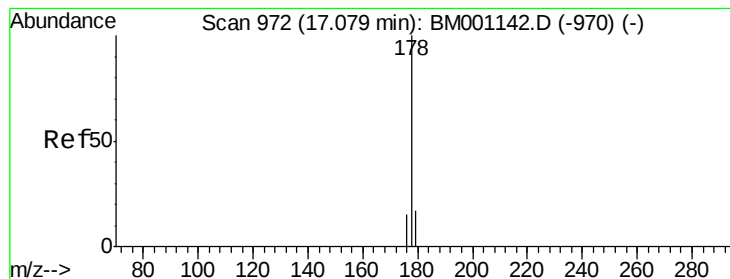


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Anthracene

Concen: 0.04 ng

RT: 17.06 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampled :

MPE-15

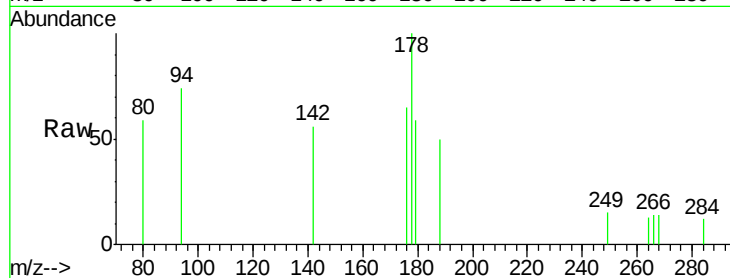
Tgt Ion:178 Resp: 687

Ion Ratio Lower Upper

178 100

176 40.6 14.3 21.5#

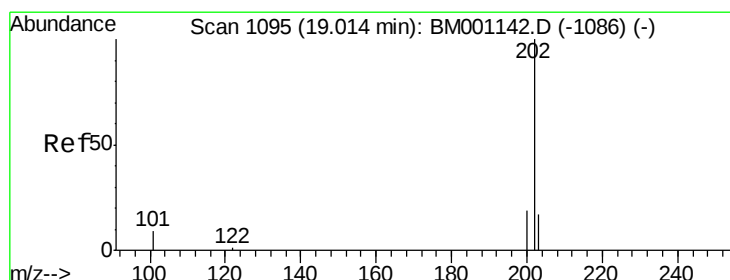
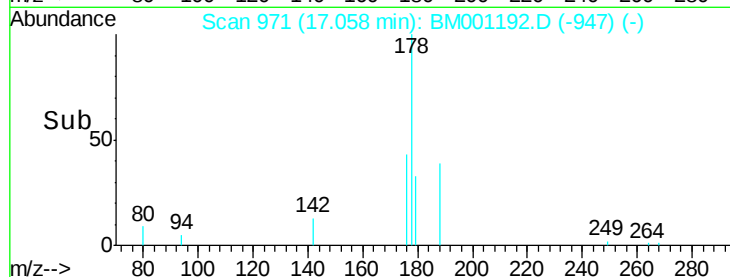
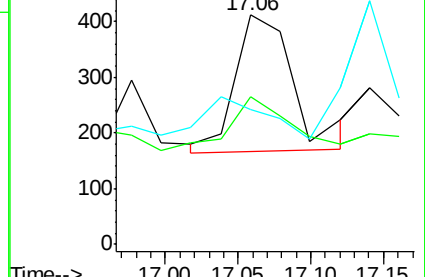
179 0.0 12.2 18.2#



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: 0.02 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

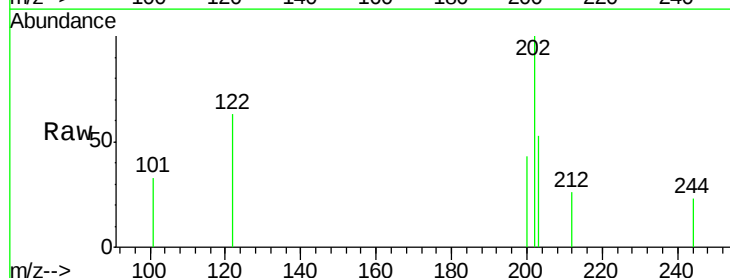
Tgt Ion:202 Resp: 558

Ion Ratio Lower Upper

202 100

101 30.8 9.3 13.9#

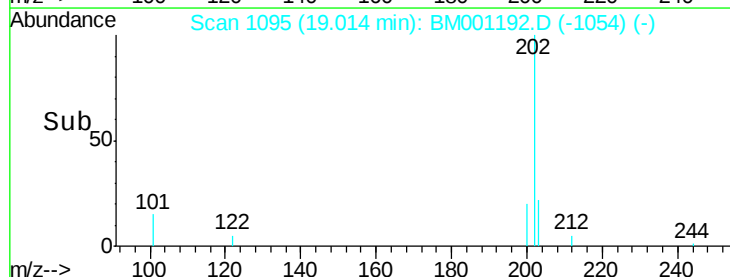
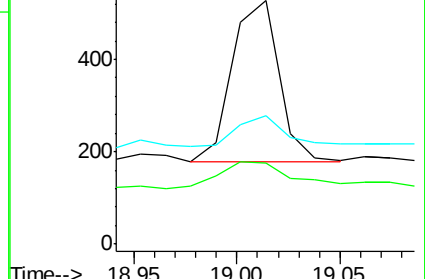
203 20.8 13.7 20.5#

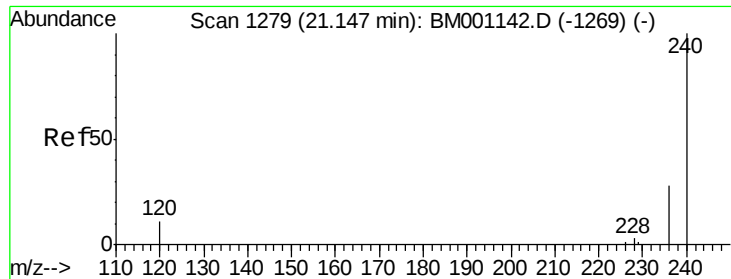


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampleId :

MPE-15

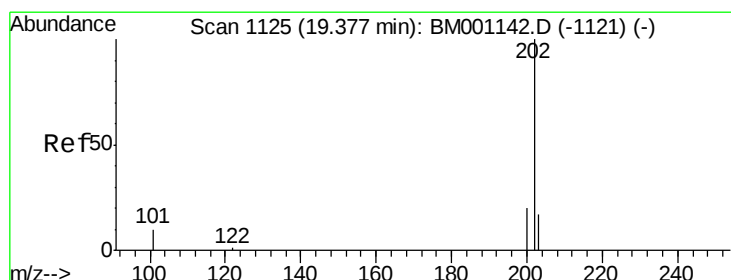
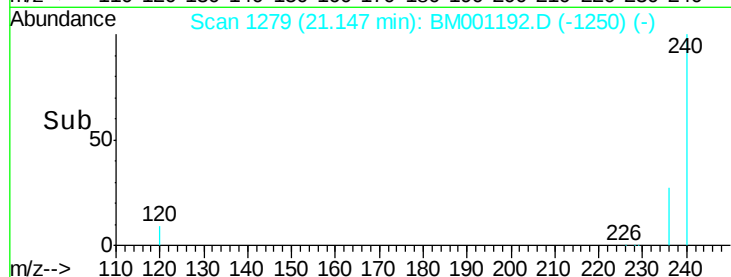
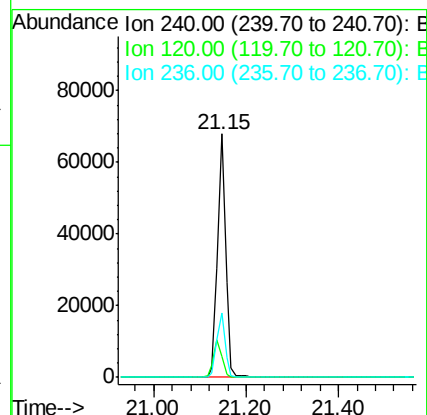
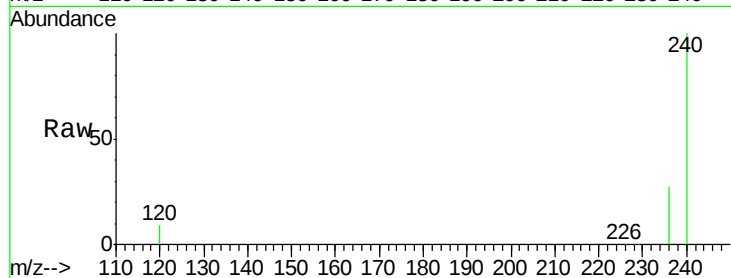
Tgt Ion:240 Resp: 82421

Ion Ratio Lower Upper

240 100

120 8.8 9.2 13.8#

236 26.7 22.4 33.6



#25

Pyrene

Concen: 0.03 ng

RT: 19.38 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

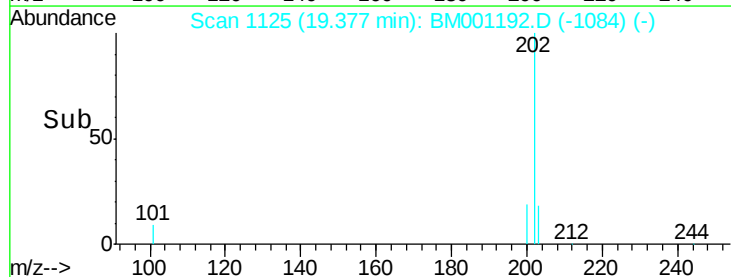
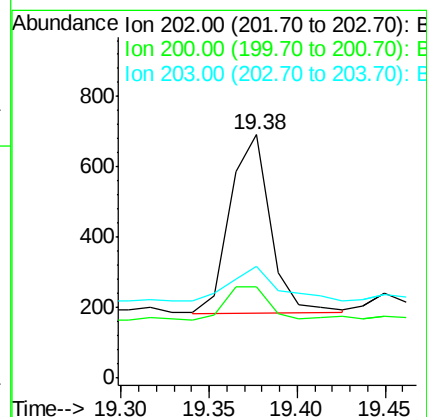
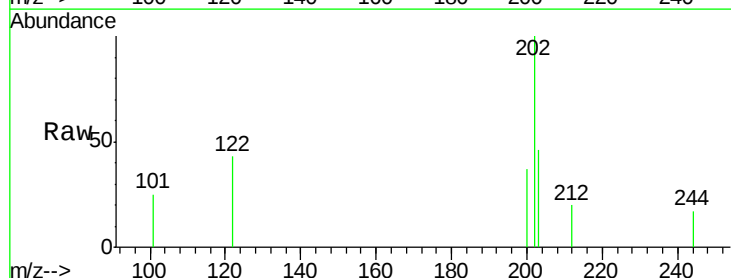
Tgt Ion:202 Resp: 818

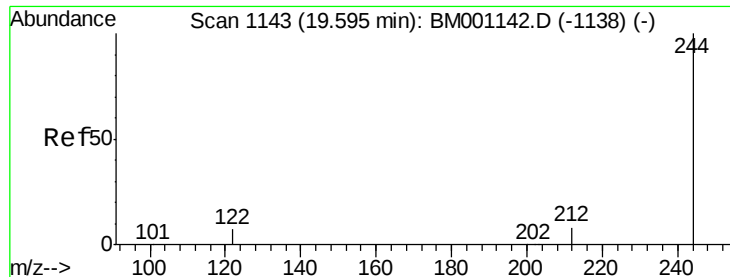
Ion Ratio Lower Upper

202 100

200 21.4 16.4 24.6

203 25.4 13.8 20.6#

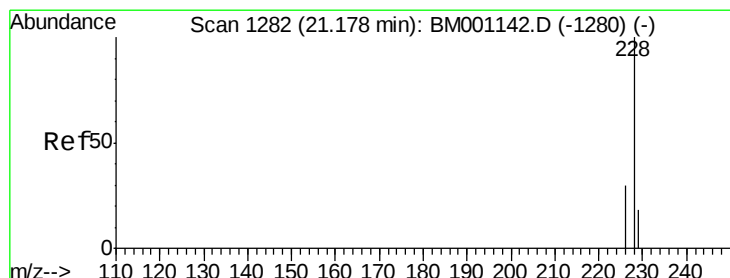
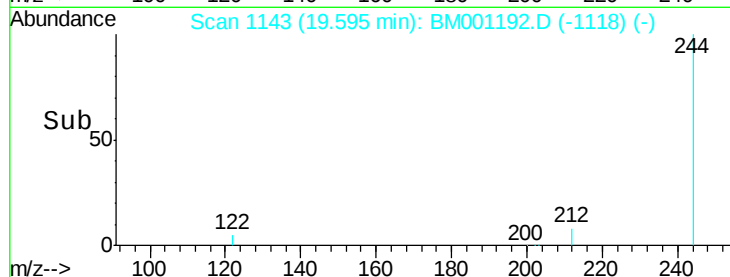
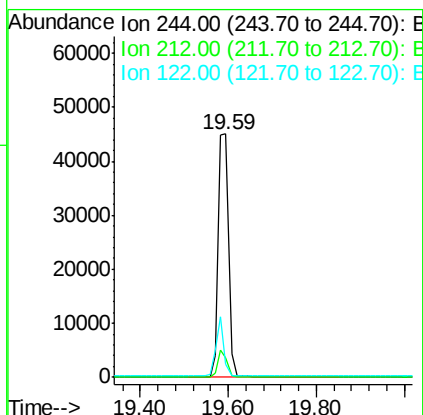
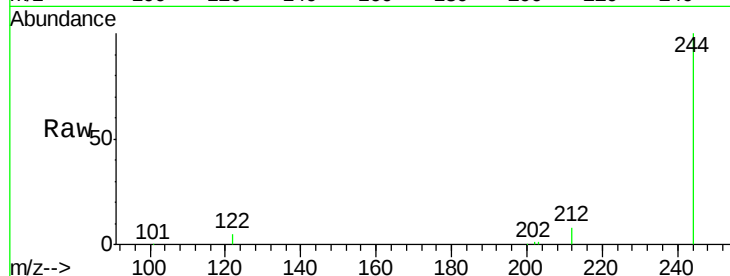




#26
 Terphenyl-d14
 Concen: 6.33 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001192.D
 Acq: 04 May 2015 20:13

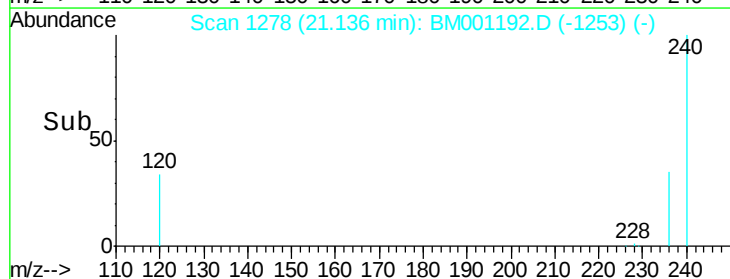
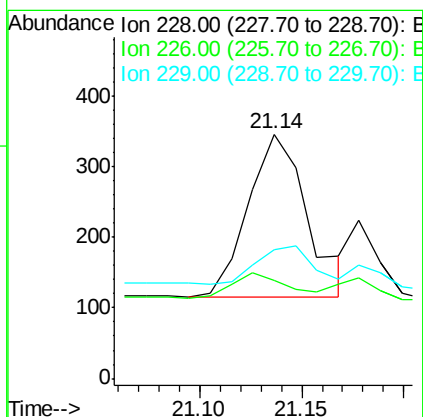
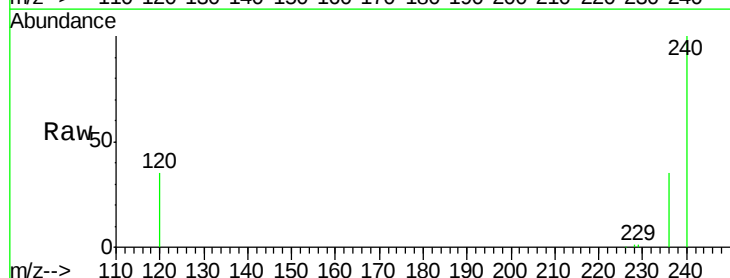
Instrument :
 BNA_M
 ClientSampleId :
 MPE-15

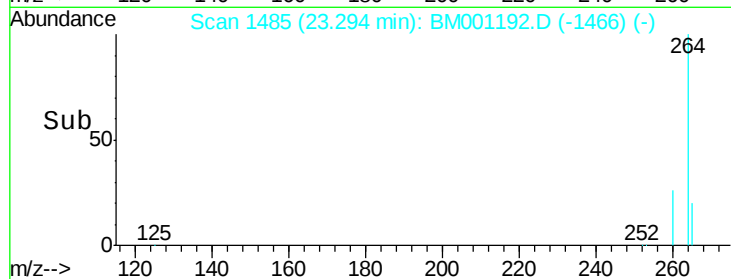
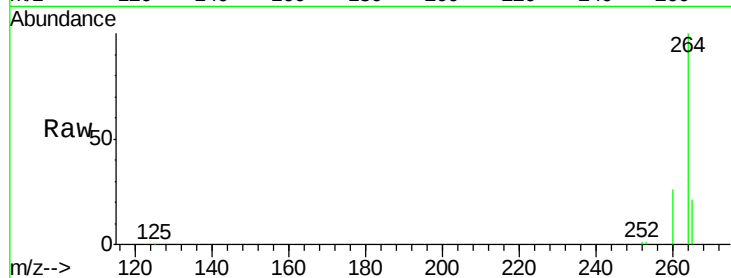
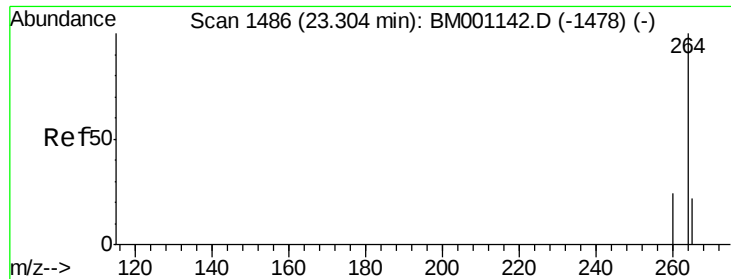
Tgt Ion: 244 Resp: 71911
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.1 10.7
 122 5.4 6.2 9.4#



#28
 Chrysene
 Concen: 0.02 ng
 RT: 21.14 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BM001192.D
 Acq: 04 May 2015 20:13

Tgt Ion: 228 Resp: 463
 Ion Ratio Lower Upper
 228 100
 226 40.2 24.4 36.6#
 229 52.9 14.3 21.5#





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM001192.D

Acq: 04 May 2015 20:13

Instrument :

BNA_M

ClientSampleId :

MPE-15

Tgt Ion: 264 Resp: 72983

Ion Ratio Lower Upper

264 100

260 25.8 18.9 28.3

265 20.9 18.1 27.1

