

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050415\
 Data File : BM001199.D
 Acq On : 05 May 2015 00:25
 Operator : TP/IZ
 Sample : G2104-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-108

Quant Time: May 05 04:05:15 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

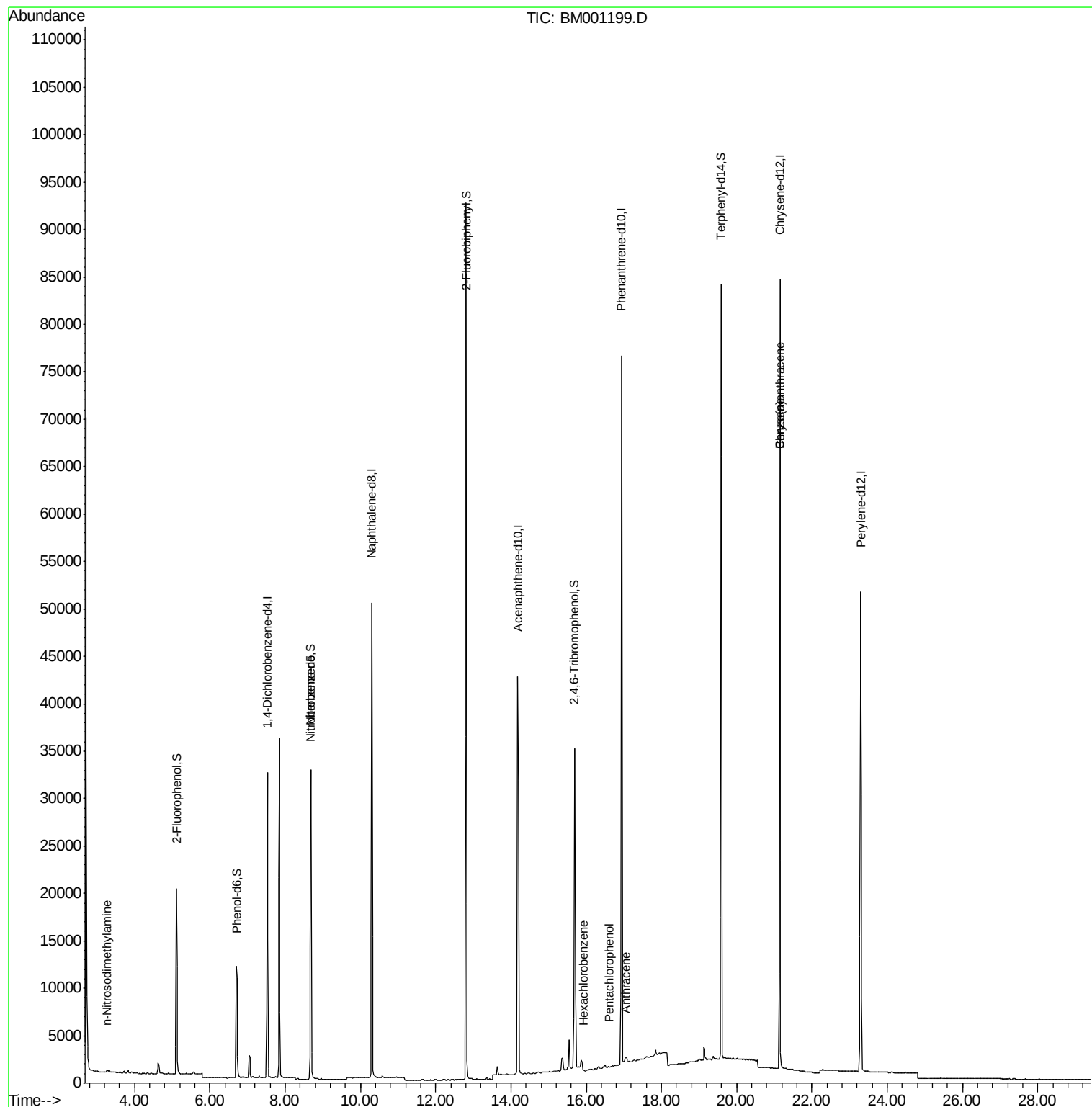
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	15793	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	65839	5.00	ng	0.00
12) Acenaphthene-d10	14.18	164	36189	5.00	ng	-0.02
18) Phenanthrene-d10	16.94	188	91834	5.00	ng	0.00
24) Chrysene-d12	21.15	240	78593	5.00	ng	0.00
30) Perylene-d12	23.29	264	62902	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	16135	5.25	ng	0.00
5) Phenol-d6	6.72	99	14806	3.91	ng	0.02
7) Nitrobenzene-d5	8.69	82	29831	8.00	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	25856	14.50	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	91160	7.62	ng	0.00
26) Terphenyl-d14	19.58	244	93423	8.62	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.27	42	145	0.08	ng	# 1
8) Nitrobenzene	8.68	77	93	0.17	ng	# 33
19) Hexachlorobenzene	15.93	284	188	0.04	ng	# 42
20) Pentachlorophenol	16.61	266	15	0.38	ng	# 60
22) Anthracene	17.06	178	944	0.05	ng	# 1
27) Benzo(a)anthracene	21.14	228	453	0.02	ng	# 16
28) Chrysene	21.14	228	453	0.02	ng	# 20

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

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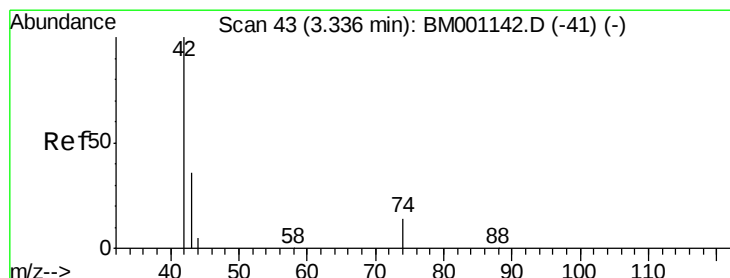
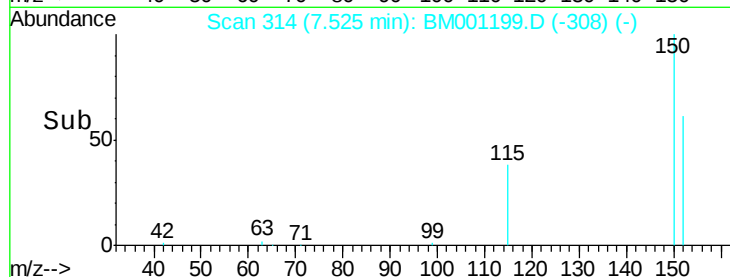
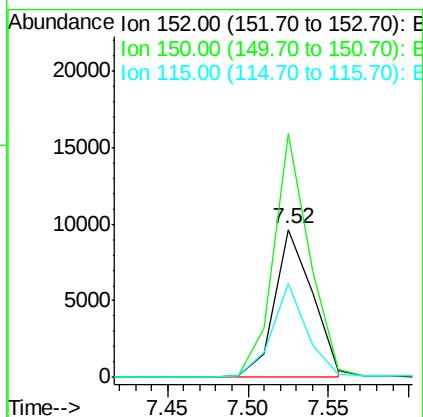
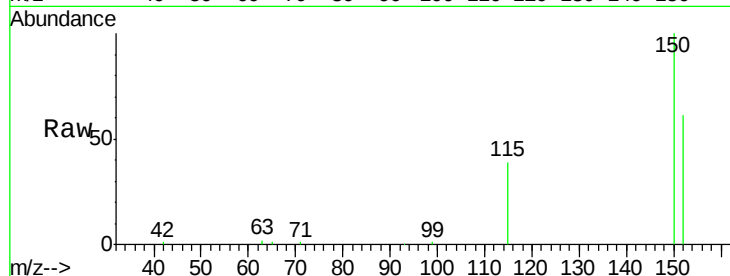


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.52 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001199.D
Acq: 05 May 2015 00:25

Instrument :
BNA_M
ClientSampleId :
MW-108

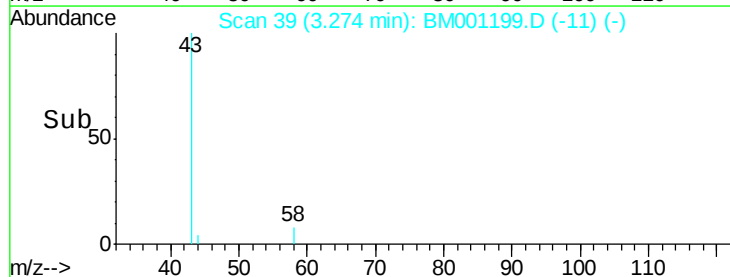
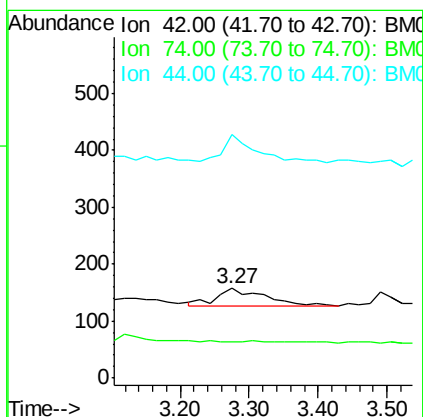
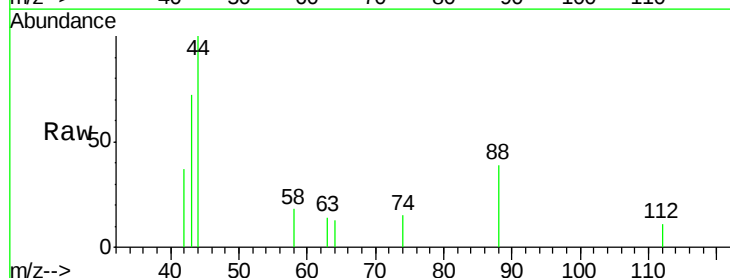
Tgt Ion:152 Resp: 15793
Ion Ratio Lower Upper
152 100
150 164.8 140.1 210.1
115 63.8 57.8 86.6

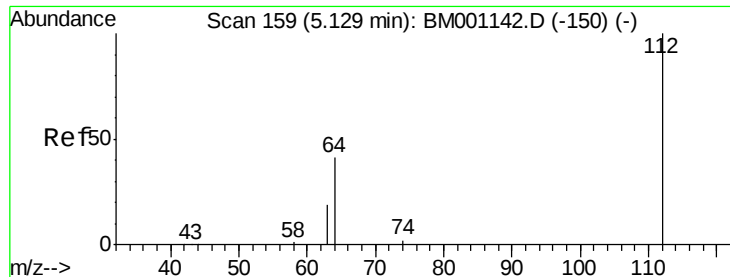


#3

n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.27 min Scan# 39
Delta R.T. -0.06 min
Lab File: BM001199.D
Acq: 05 May 2015 00:25

Tgt Ion: 42 Resp: 145
Ion Ratio Lower Upper
42 100
74 0.0 72.0 108.0#
44 118.6 3.7 5.5#





#4

2-Fluorophenol

Concen: 5.25 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

Instrument :

BNA_M

ClientSampleId :

MW-108

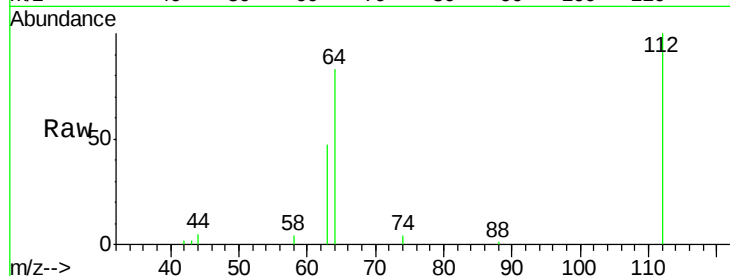
Tgt Ion: 112 Resp: 16135

Ion Ratio Lower Upper

112 100

64 64.6 52.6 79.0

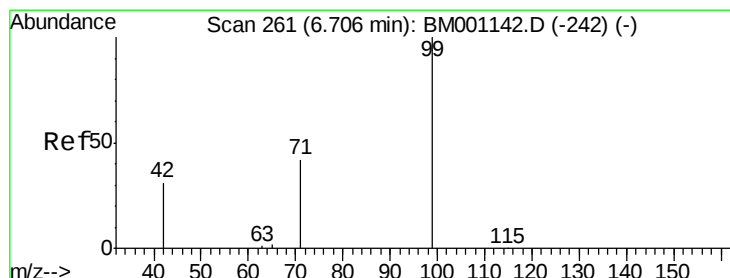
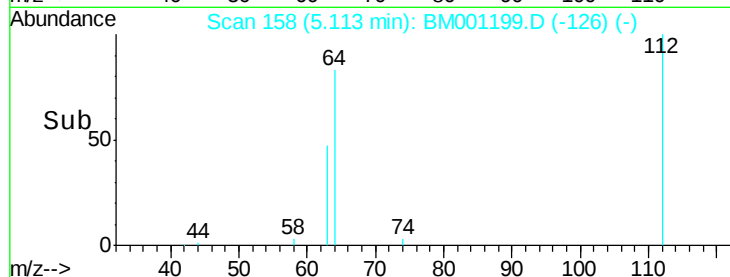
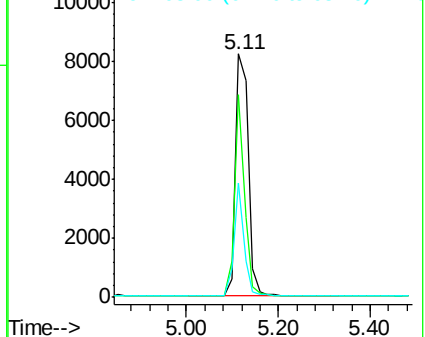
63 35.6 29.5 44.3



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: 3.91 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

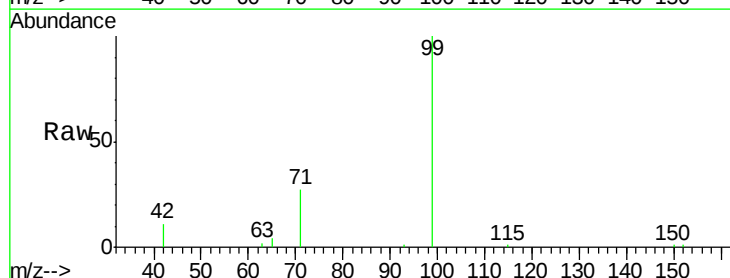
Tgt Ion: 99 Resp: 14806

Ion Ratio Lower Upper

99 100

42 23.6 20.9 31.3

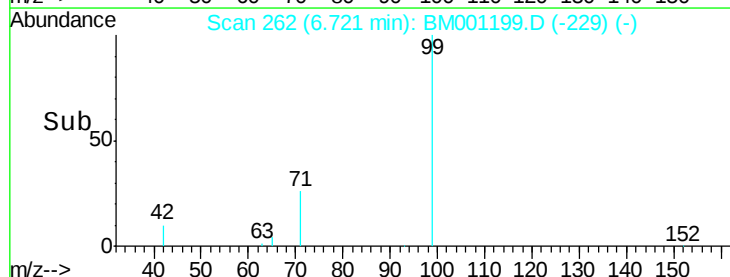
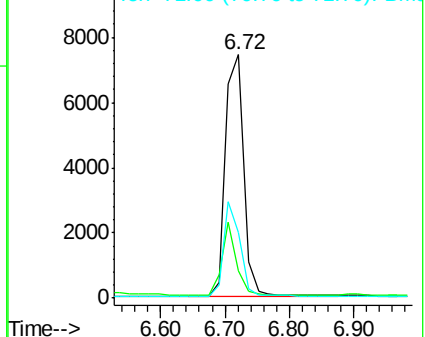
71 35.6 28.5 42.7

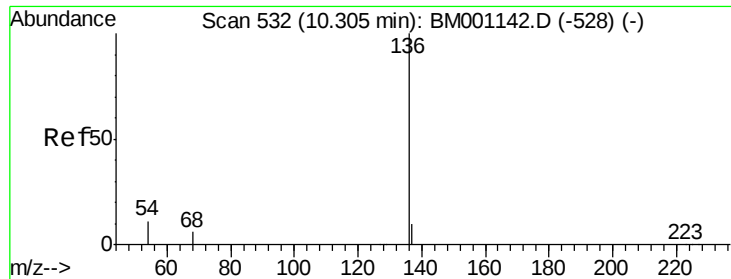


Abundance Ion 99.00 (98.70 to 99.70): B

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: BM001199.D

Acq: 05 May 2015 00:25

Instrument :

BNA_M

ClientSampleId :

MW-108

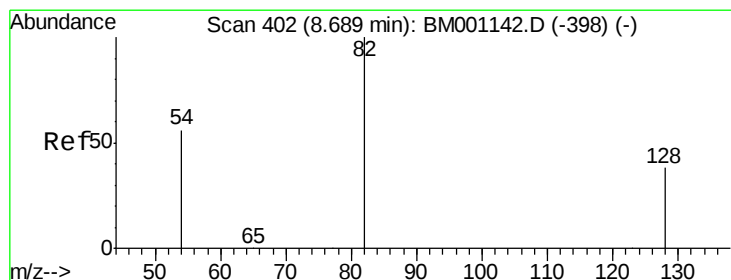
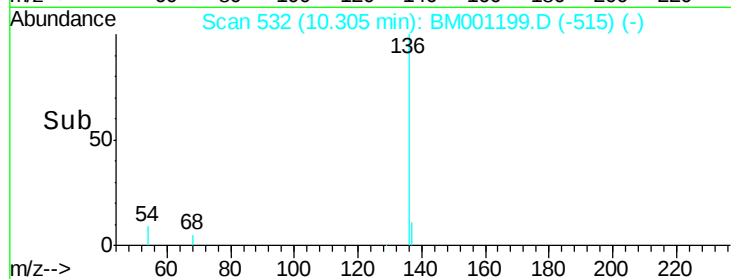
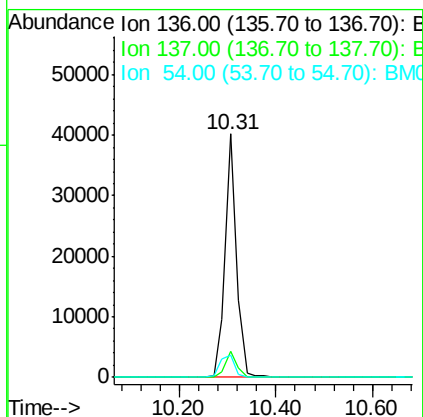
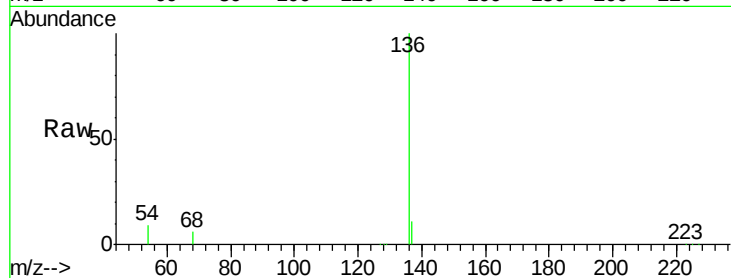
Tgt Ion:136 Resp: 65839

Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 8.9 9.0 13.4#



#7

Nitrobenzene-d5

Concen: 8.00 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

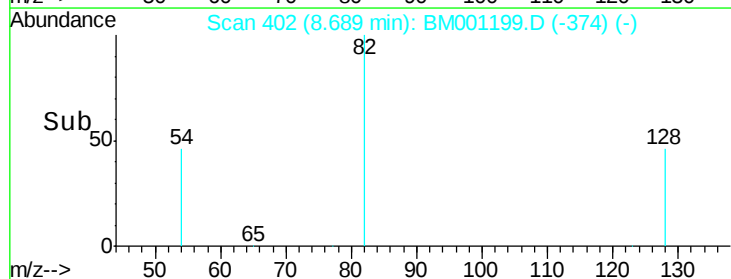
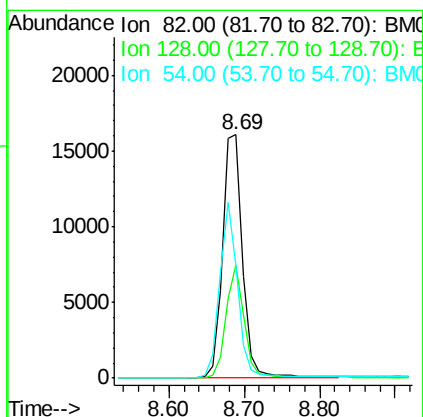
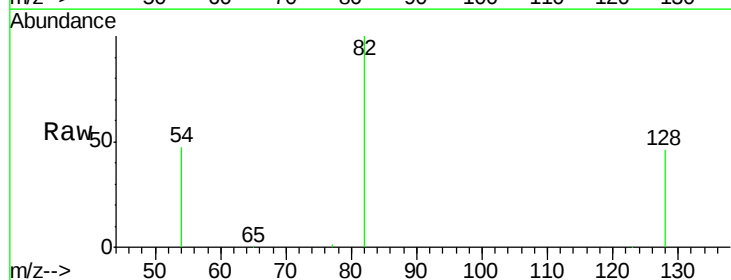
Tgt Ion: 82 Resp: 29831

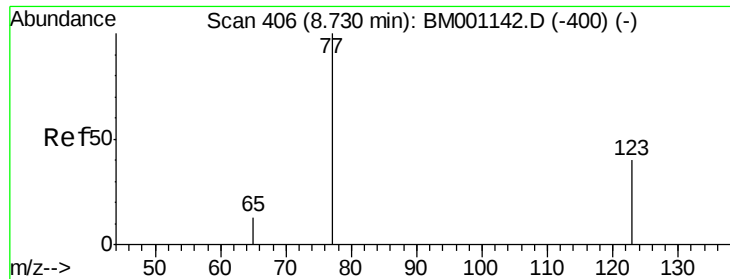
Ion Ratio Lower Upper

82 100

128 46.3 31.9 47.9

54 46.7 46.2 69.2





#8

Nitrobenzene

Concen: 0.17 ng

RT: 8.68 min Scan# 401

Delta R.T. -0.04 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

Instrument :

BNA_M

ClientSampleId :

MW-108

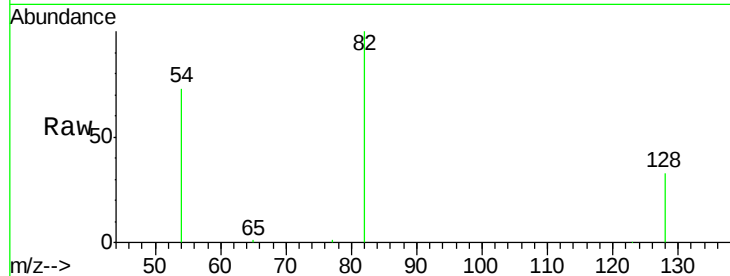
Tgt Ion: 77 Resp: 93

Ion Ratio Lower Upper

77 100

123 0.0 31.0 46.6#

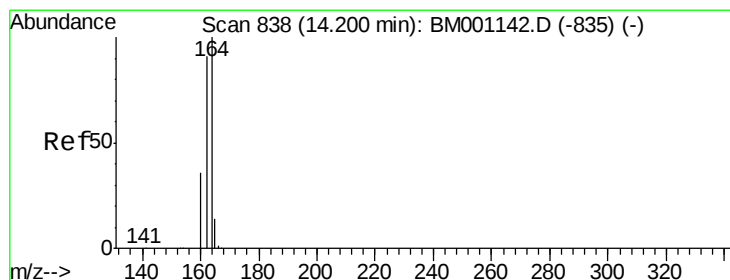
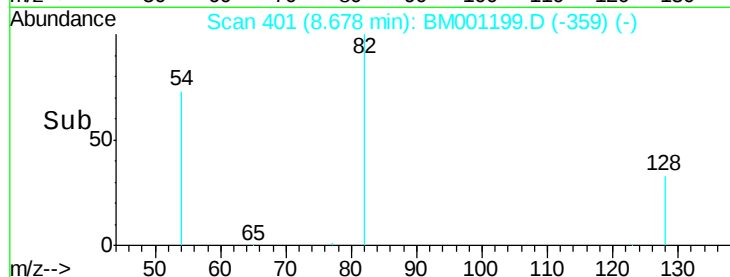
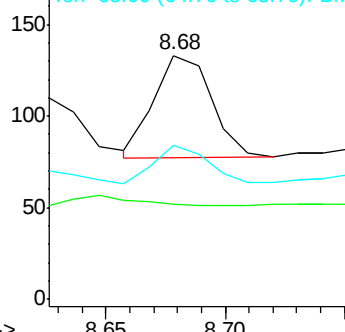
65 44.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.18 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

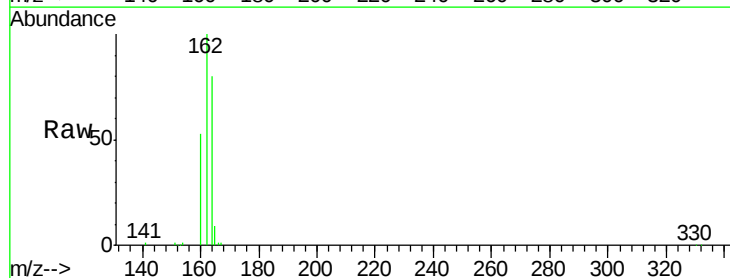
Tgt Ion: 164 Resp: 36189

Ion Ratio Lower Upper

164 100

162 124.9 72.7 109.1#

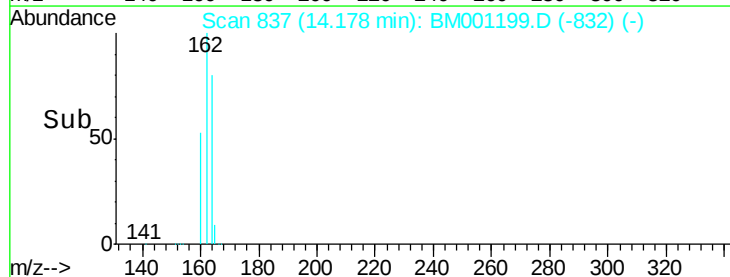
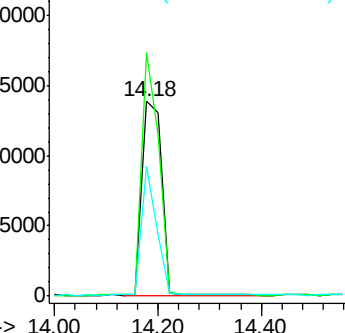
160 66.8 28.7 43.1#

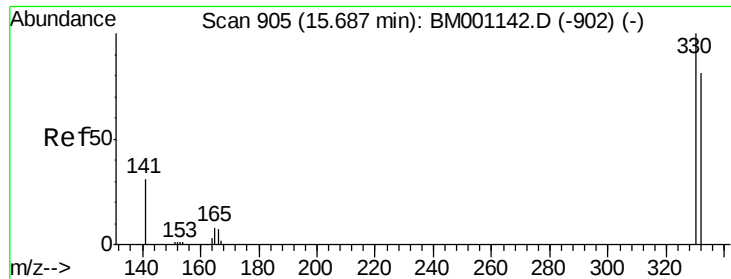


Abundance Ion 164.00 (163.70 to 164.70): BM001142.D (-835) (-)

Ion 162.00 (161.70 to 162.70): BM001142.D (-835) (-)

Ion 160.00 (159.70 to 160.70): BM001142.D (-835) (-)

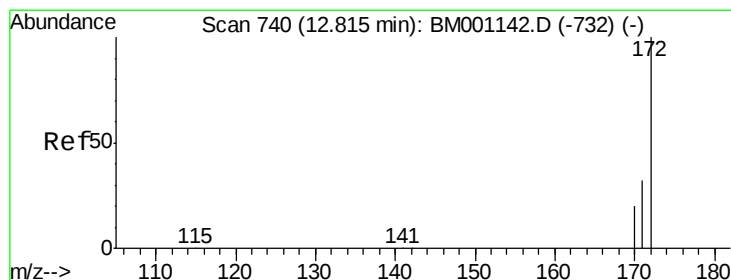
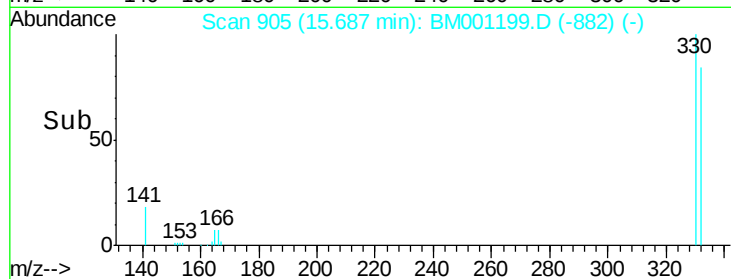
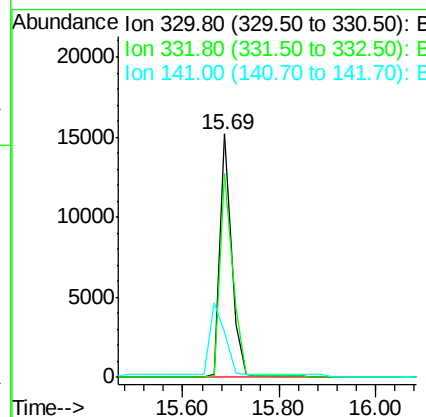
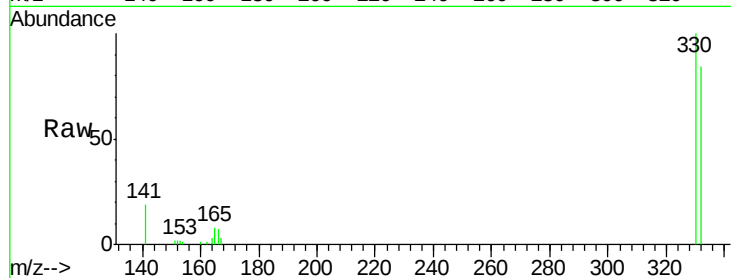




#13
 2,4,6-Tribromophenol
 Concen: 14.50 ng
 RT: 15.69 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM001199.D
 Acq: 05 May 2015 00:25

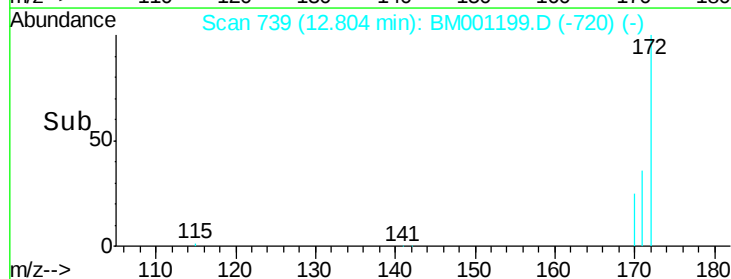
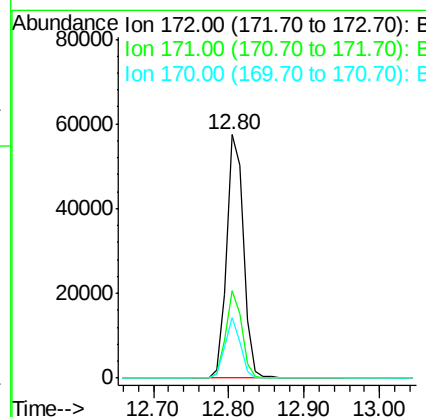
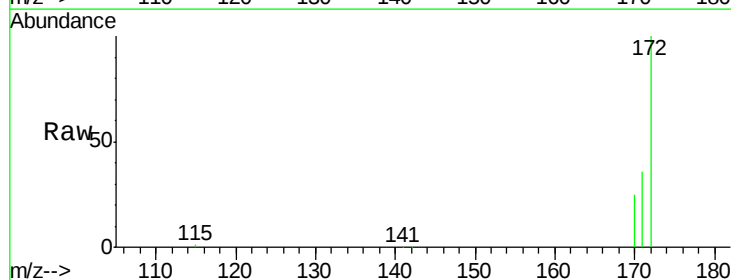
Instrument :
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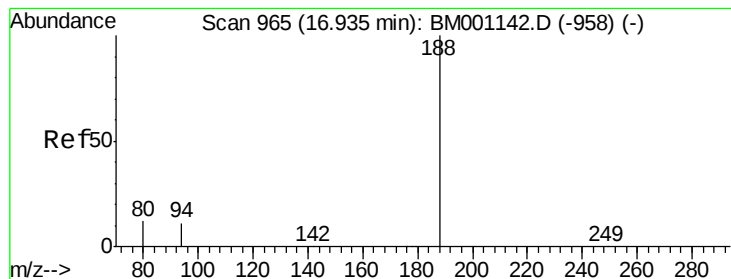
Tgt Ion:330 Resp: 25856
 Ion Ratio Lower Upper
 330 100
 332 92.5 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 7.62 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BM001199.D
 Acq: 05 May 2015 00:25

Tgt Ion:172 Resp: 91160
 Ion Ratio Lower Upper
 172 100
 171 35.8 25.8 38.6
 170 24.8 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: BM001199.D

Acq: 05 May 2015 00:25

Instrument :

BNA_M

ClientSampleId :

MW-108

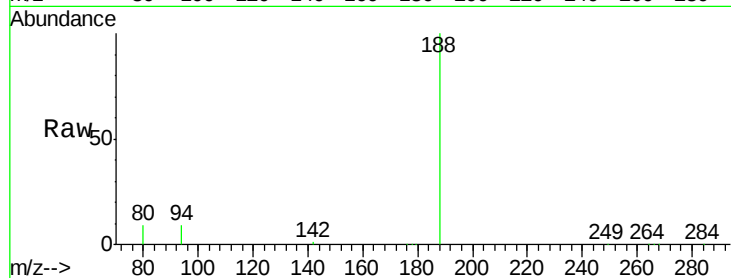
Tgt Ion:188 Resp: 91834

Ion Ratio Lower Upper

188 100

94 9.0 9.3 13.9#

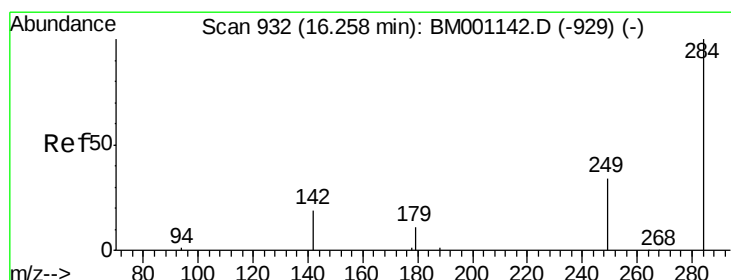
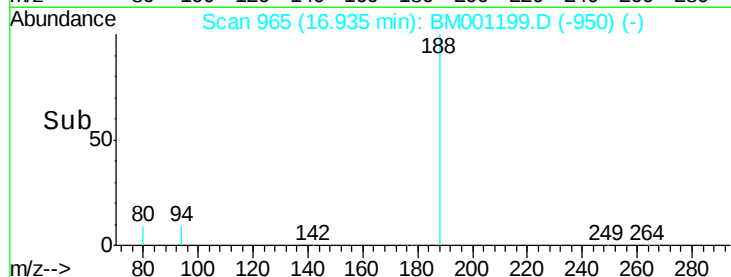
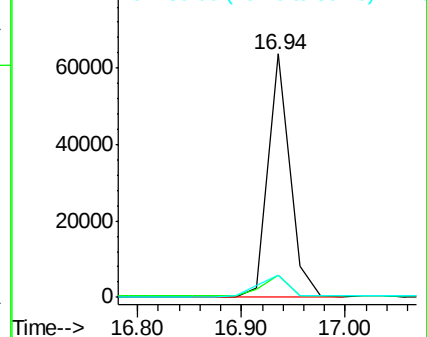
80 9.0 9.8 14.6#



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



#19

Hexachlorobenzene

Concen: 0.04 ng

RT: 15.93 min Scan# 916

Delta R.T. -0.33 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

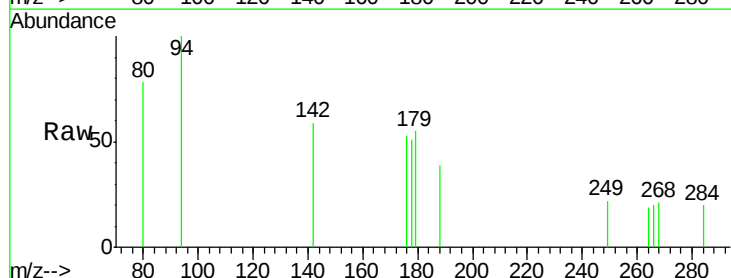
Tgt Ion:284 Resp: 188

Ion Ratio Lower Upper

284 100

142 378.2 0.0 0.0#

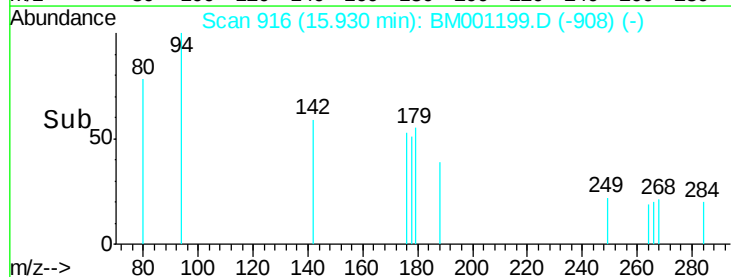
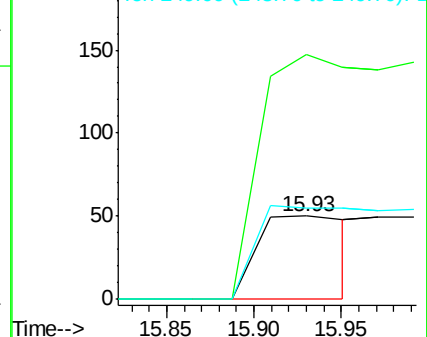
249 0.0 26.5 39.7#

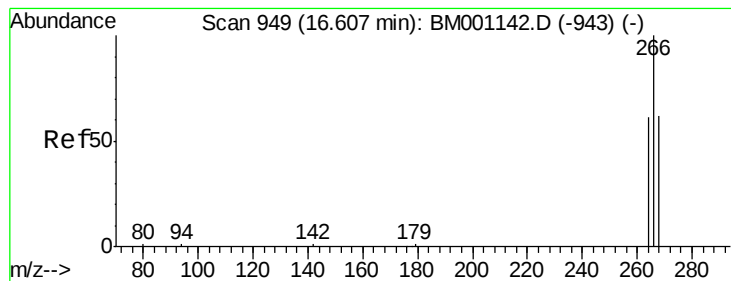


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#20

Pentachlorophenol

Concen: 0.38 ng

RT: 16.61 min Scan# 949

Delta R.T. -0.00 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

Instrument :

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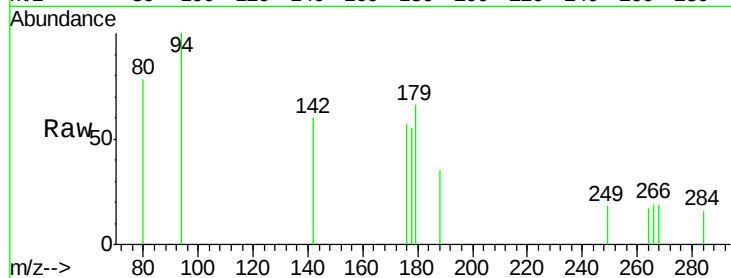
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

268 100.0 52.6 79.0#

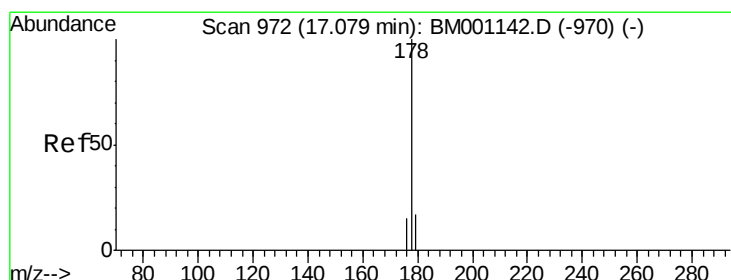
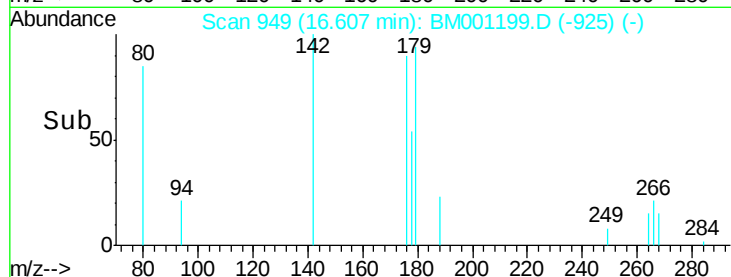
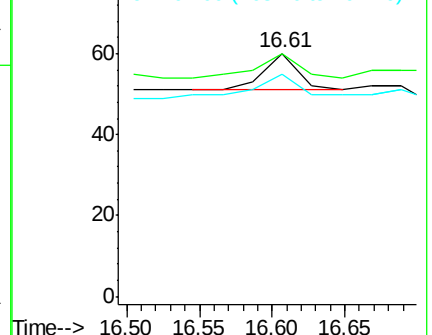
264 91.7 51.0 76.4#



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: 0.05 ng

RT: 17.06 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM001199.D

Acq: 05 May 2015 00:25

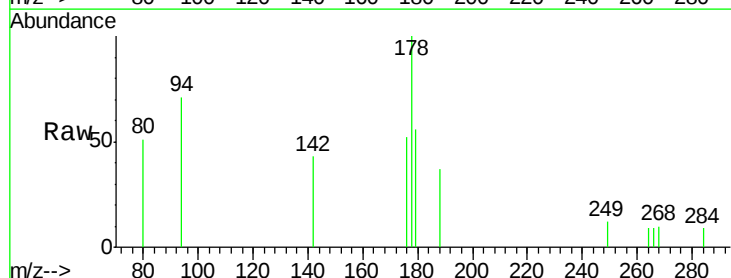
Tgt Ion:178 Resp: 944

Ion Ratio Lower Upper

178 100

176 36.7 14.3 21.5#

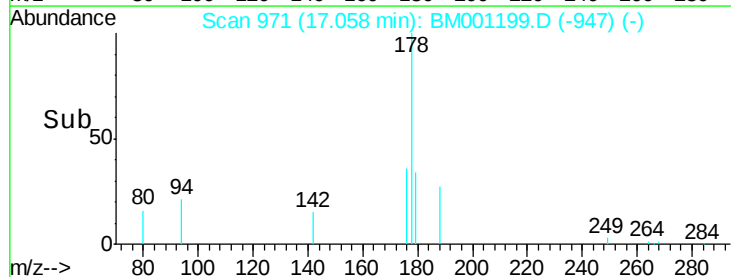
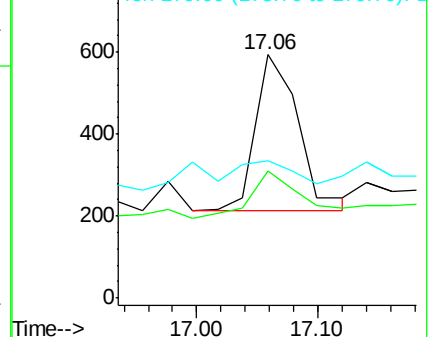
179 93.6 12.2 18.2#

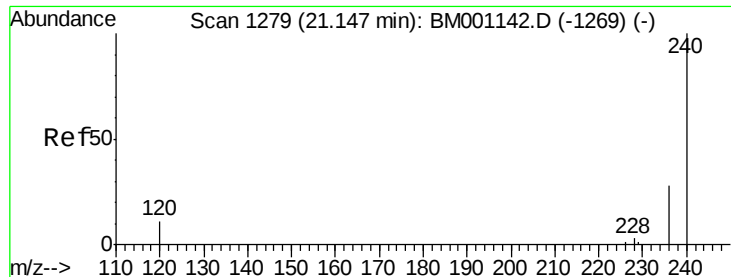


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

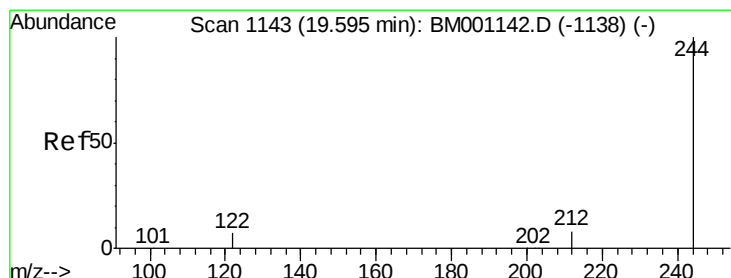
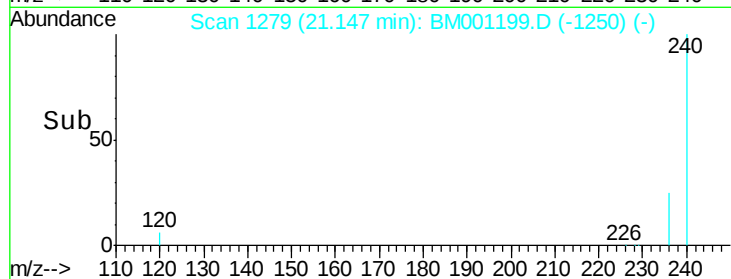
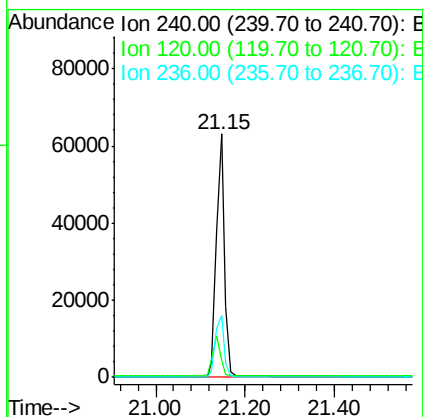
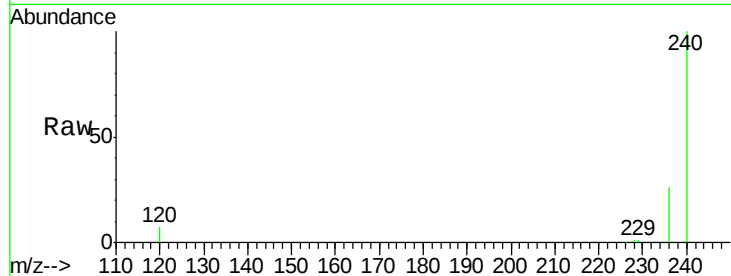




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001199.D
Acq: 05 May 2015 00:25

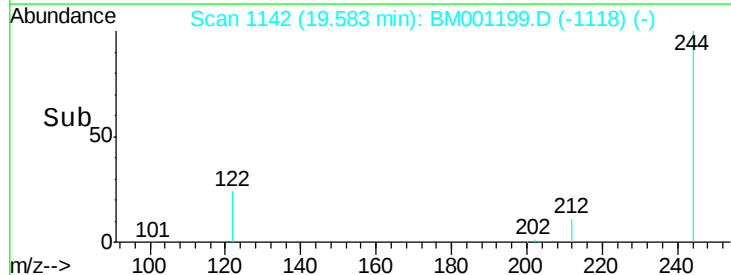
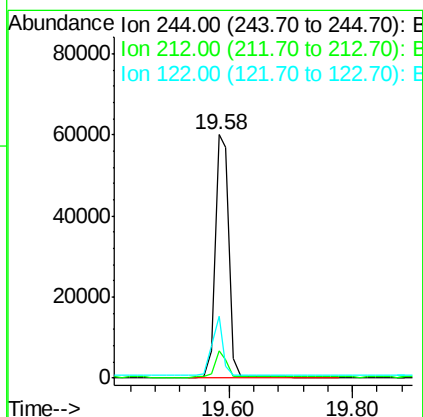
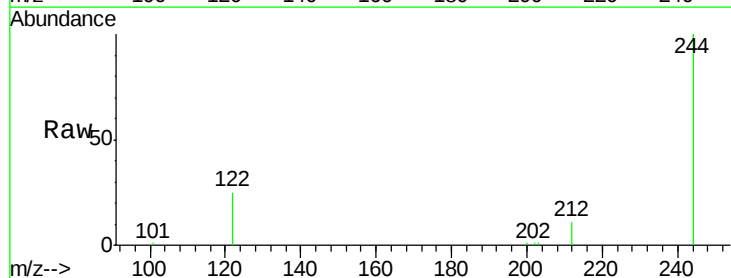
Instrument :
BNA_M
ClientSampleId :
MW-108

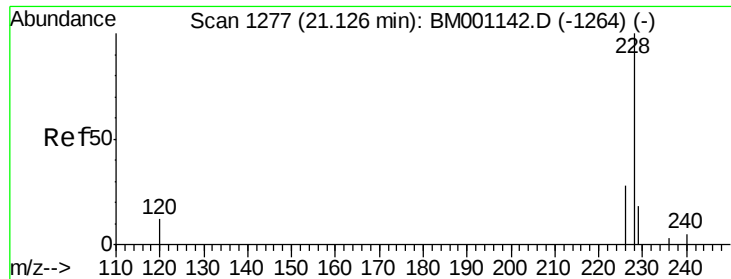
Tgt Ion:240 Resp: 78593
Ion Ratio Lower Upper
240 100
120 7.1 9.2 13.8#
236 25.7 22.4 33.6



#26
Terphenyl-d14
Concen: 8.62 ng
RT: 19.58 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM001199.D
Acq: 05 May 2015 00:25

Tgt Ion:244 Resp: 93423
Ion Ratio Lower Upper
244 100
212 11.2 7.1 10.7#
122 25.5 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.14 min Scan# 1278

Delta R.T. 0.01 min

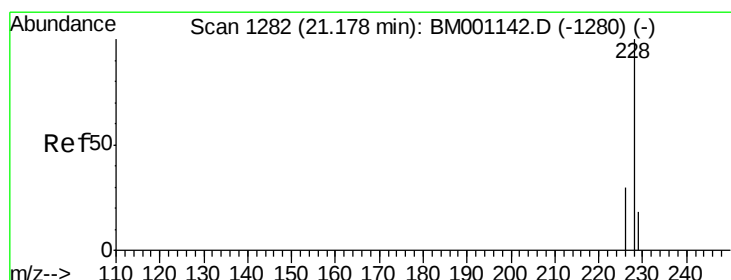
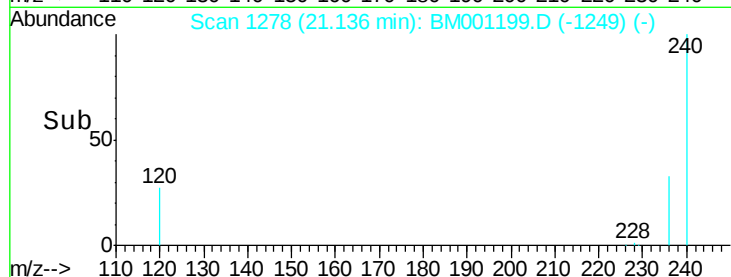
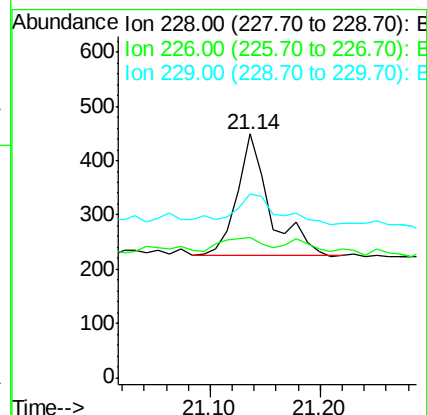
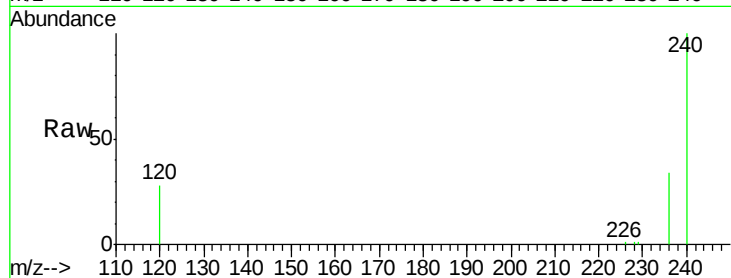
Lab File: BM001199.D

Acq: 05 May 2015 00:25

Instrument :
BNA_M
ClientSampleId :
MW-108

Tgt Ion:228 Resp: 453

Ion	Ratio	Lower	Upper
228	100		
226	57.7	22.8	34.2#
229	75.5	14.4	21.6#



#28

Chrysene

Concen: 0.02 ng

RT: 21.14 min Scan# 1278

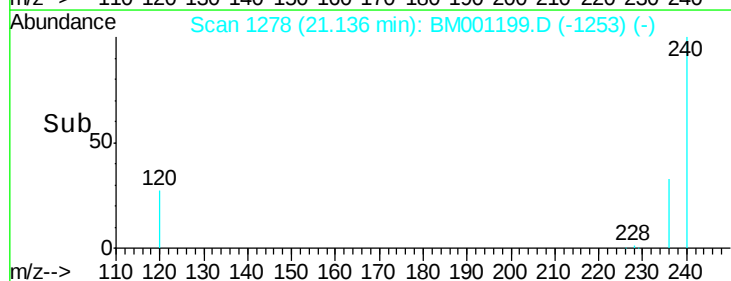
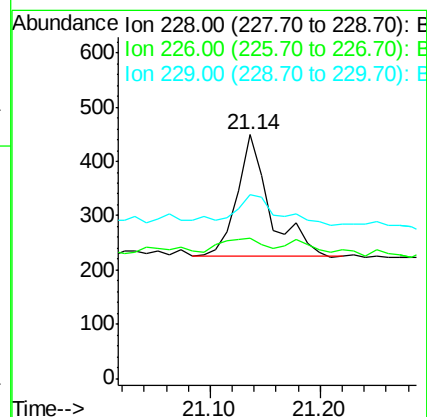
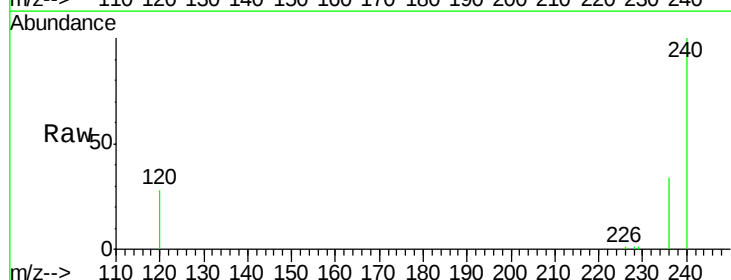
Delta R.T. -0.04 min

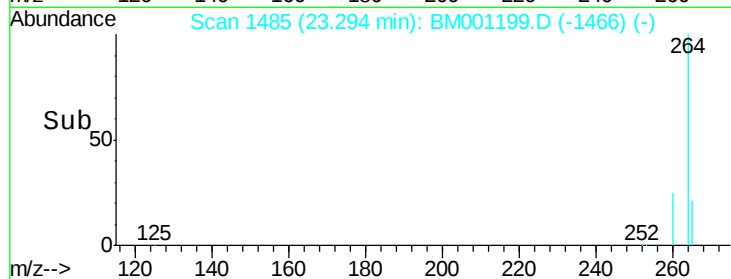
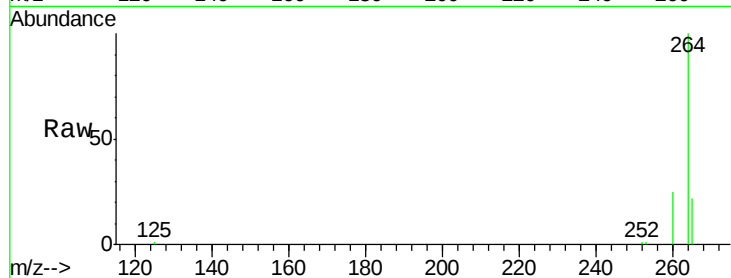
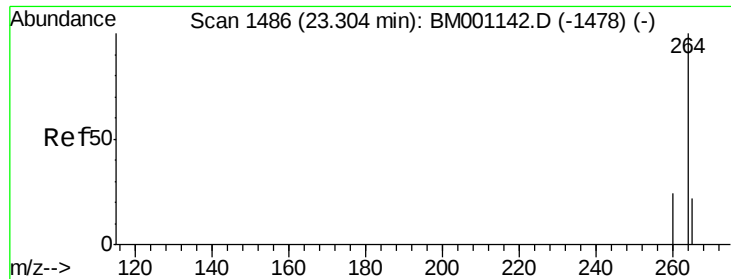
Lab File: BM001199.D

Acq: 05 May 2015 00:25

Tgt Ion:228 Resp: 453

Ion	Ratio	Lower	Upper
228	100		
226	57.7	24.4	36.6#
229	75.5	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: BM001199.D

Acq: 05 May 2015 00:25

Instrument :

BNA_M

ClientSampleId :

MW-108

Tgt Ion:264 Resp: 62902

Ion Ratio Lower Upper

264 100

260 25.1 18.9 28.3

265 22.2 18.1 27.1

