

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030116\
 Data File : BM004522.D
 Acq On : 02 Mar 2016 16:21
 Operator : SJ/UM
 Sample : H1509-06DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

Quant Time: Mar 02 18:02:37 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 14:46:57 2016
 Response via : Initial Calibration

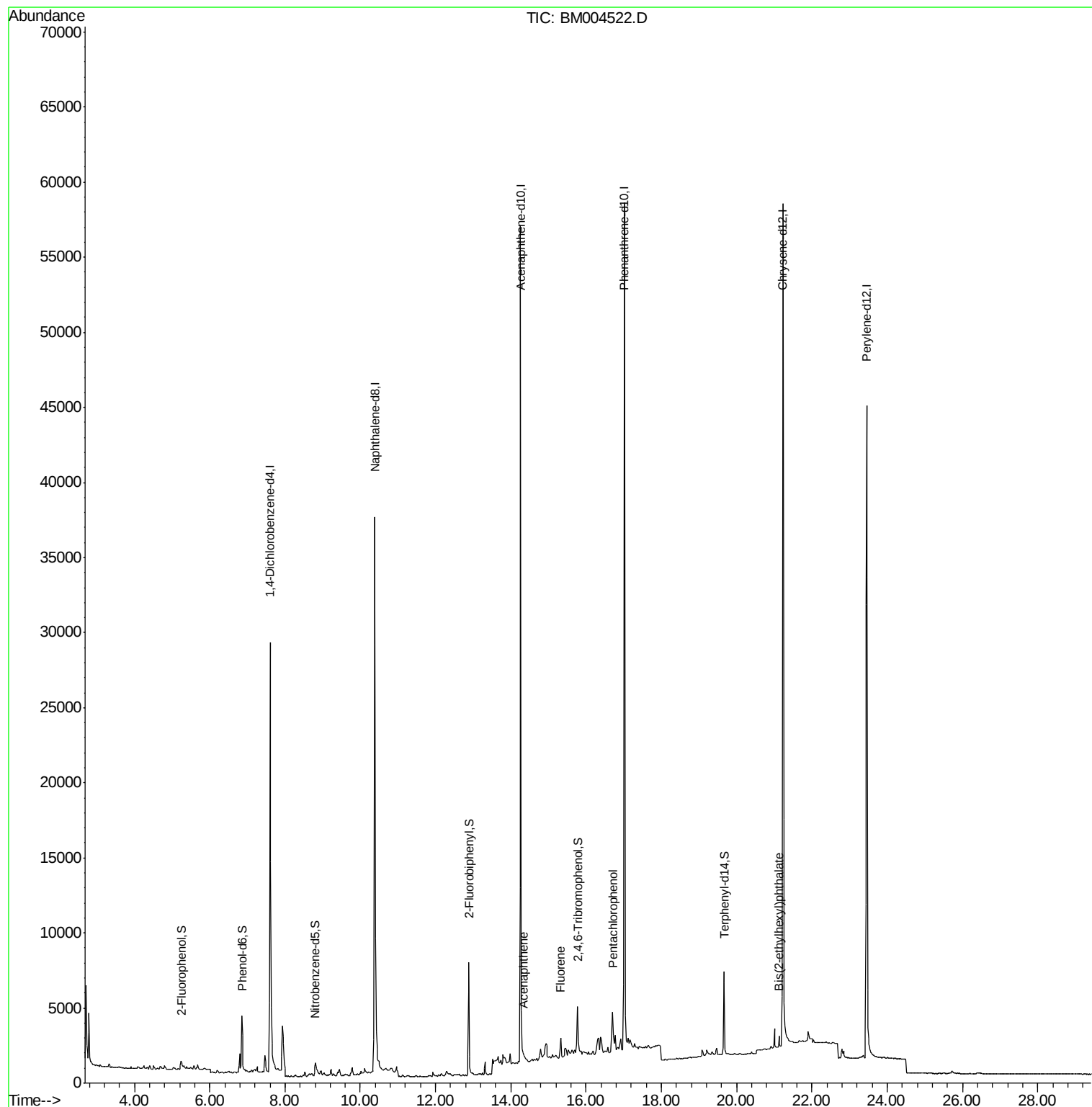
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	17393	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	68991	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	37018	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	84484	5.00	ng	0.00
26) Chrysene-d12	21.23	240	65430	5.00	ng	0.00
35) Perylene-d12	23.45	264	61038	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1202	0.33	ng	0.00
5) Phenol-d6	6.87	99	982	0.33	ng	0.03
8) Nitrobenzene-d5	8.81	82	1720	0.60	ng	0.01
14) 2,4,6-Tribromophenol	15.77	330	2236	1.82	ng	-0.02
15) 2-Fluorobiphenyl	12.88	172	8544	0.75	ng	0.00
29) Terphenyl-d14	19.67	244	8884	0.82	ng	0.00
Target Compounds						
17) Acenaphthene	14.33	154	744	0.04	ng	# 45
18) Fluorene	15.33	166	1072	0.06	ng	# 93
22) Pentachlorophenol	16.71	266	2998	4.53	ng	# 87
33) Bis(2-ethylhexyl)phthalate	21.12	149	941	0.18	ng	# 98

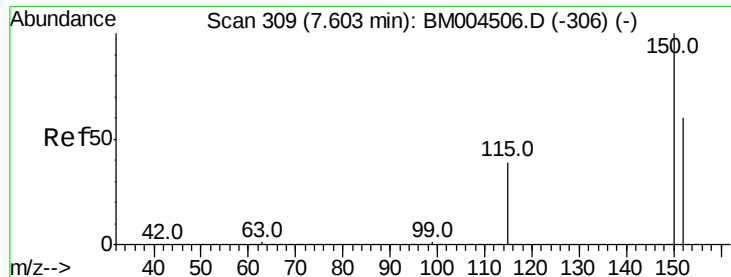
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

Instrument :

BNA_M

ClientSampled :

MW-3DL

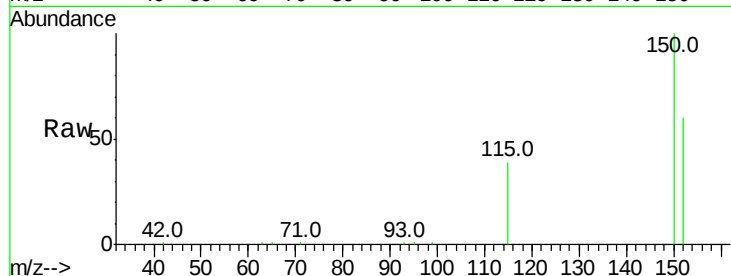
Tot Ion:152 Resp: 17393

Ion Ratio Lower Upper

152 100

150 165.3 134.2 201.2

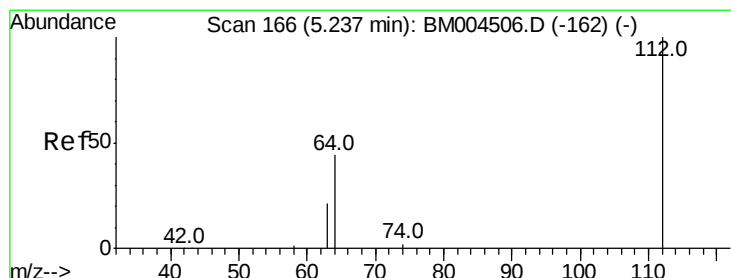
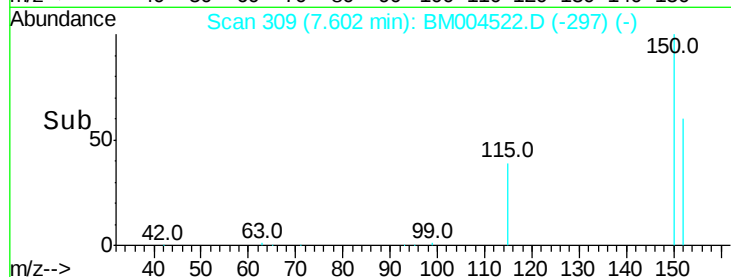
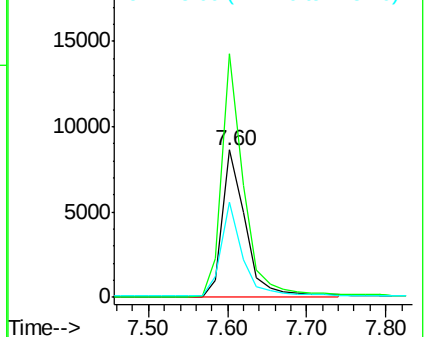
115 64.8 52.2 78.4



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



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.24 min Scan# 166

Delta R.T. -0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

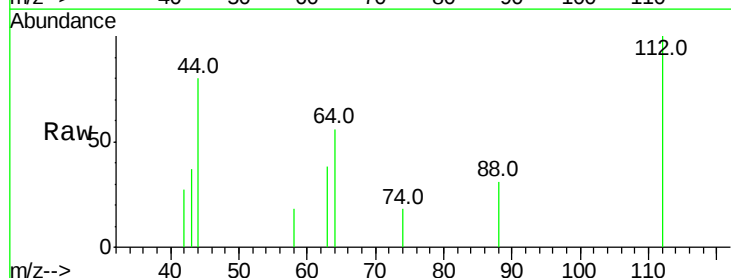
Tgt Ion:112 Resp: 1202

Ion Ratio Lower Upper

112 100

64 49.6 37.0 55.6

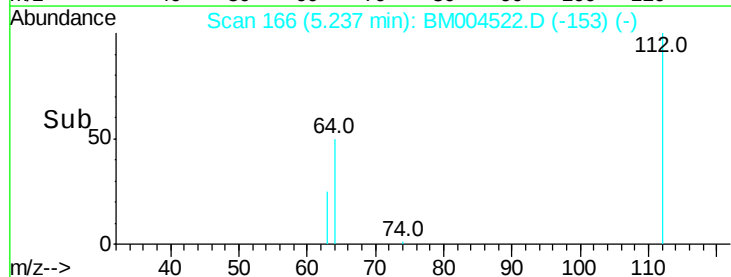
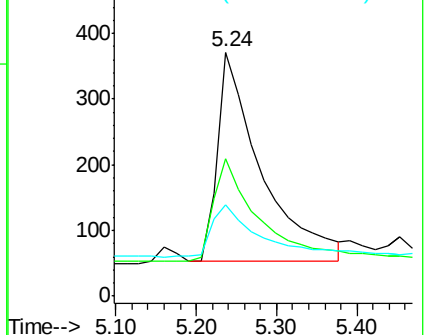
63 26.6 19.0 28.4

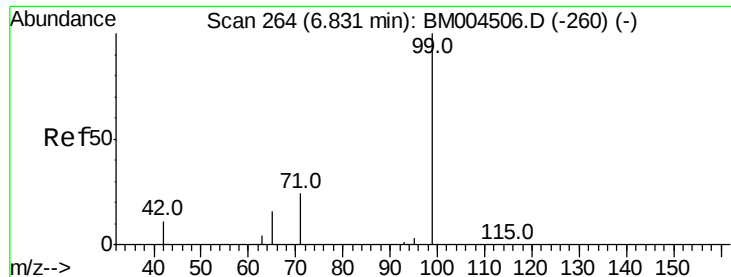


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#5

Phenol-d6

Concen: 0.33 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.03 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

Instrument :

BNA_M

ClientSampleId :

MW-3DL

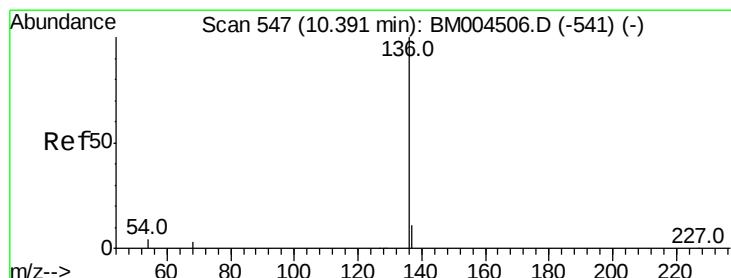
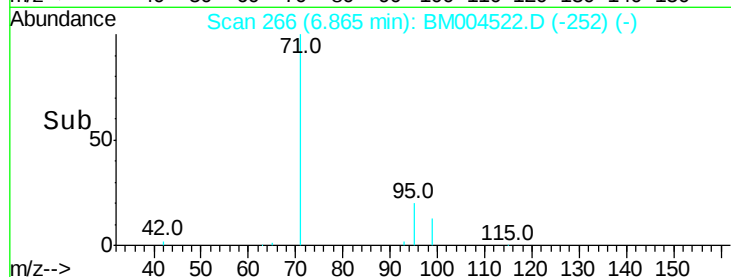
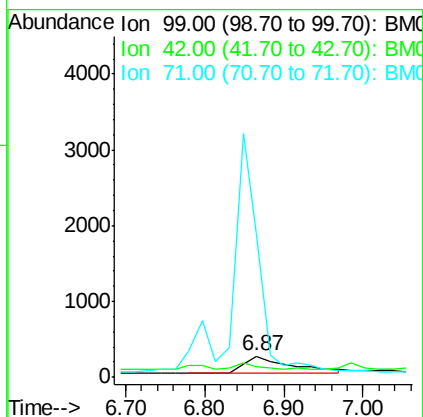
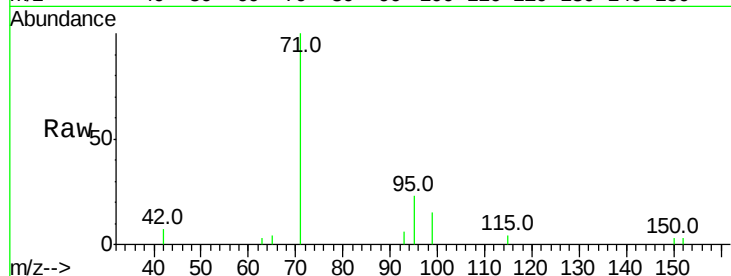
Tot Ion: 99 Resp: 982

Ion Ratio Lower Upper

99 100

42 21.1 12.2 18.4#

71 748.1 23.4 35.2#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

Tgt Ion: 136 Resp: 68991

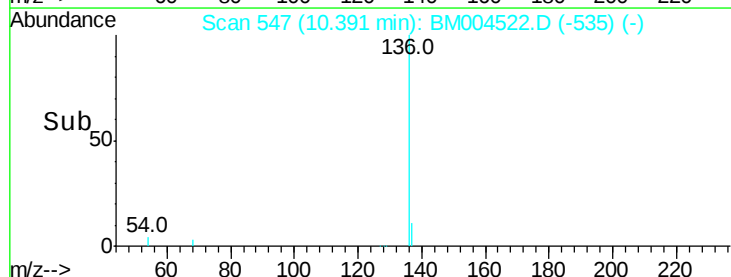
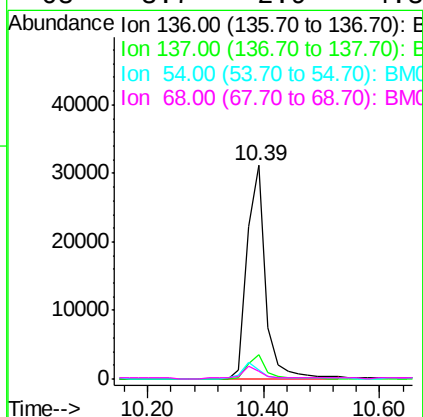
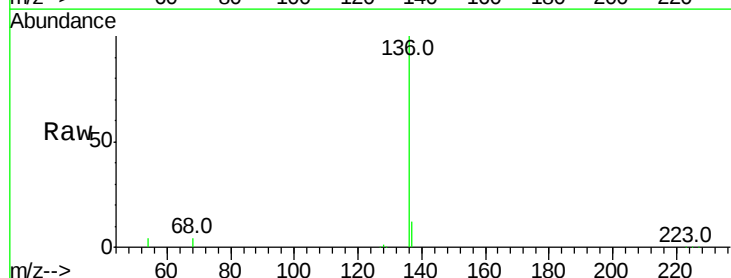
Ion Ratio Lower Upper

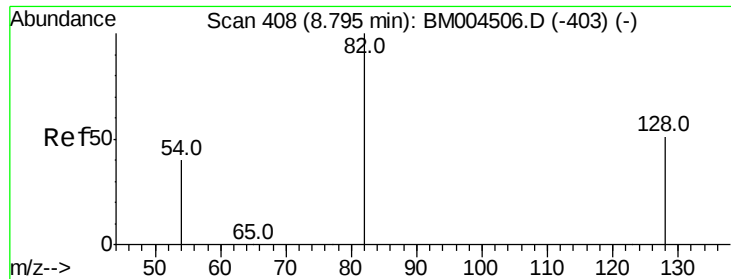
136 100

137 11.6 9.0 13.6

54 4.1 3.3 4.9

68 3.7 2.9 4.3





#8

Nitrobenzene-d5

Concen: 0.60 ng

RT: 8.81 min Scan# 409

Delta R.T. 0.01 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

Instrument :

BNA_M

ClientSampled :

MW-3DL

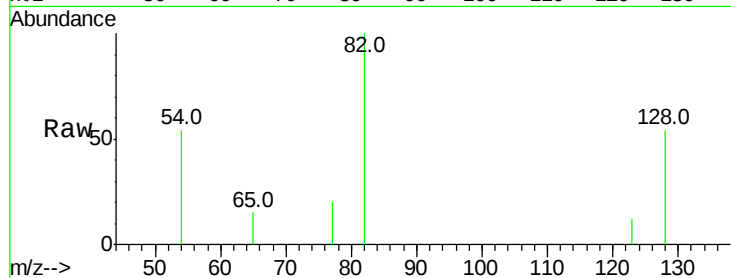
Tot Ion: 82 Resp: 1720

Ion Ratio Lower Upper

82 100

128 53.8 41.9 62.9

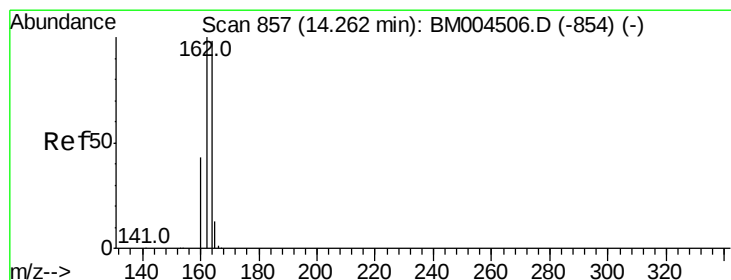
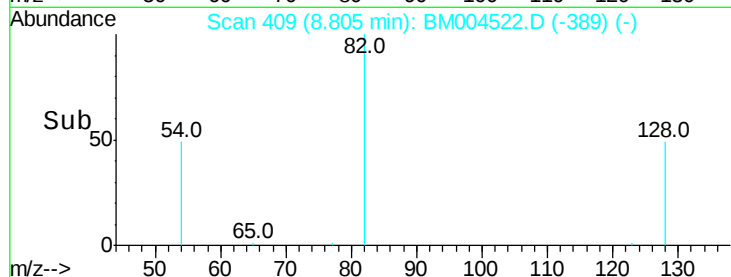
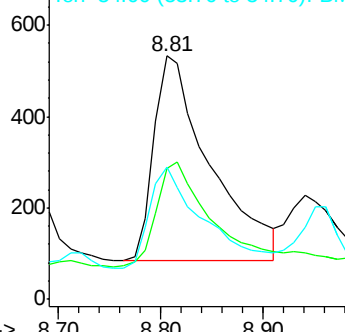
54 54.4 34.2 51.2#



Abundance Ion 82.00 (81.70 to 82.70): BM004506.D (-403) (-)

Ion 128.00 (127.70 to 128.70): BM004506.D (-403) (-)

Ion 54.00 (53.70 to 54.70): BM004506.D (-403) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

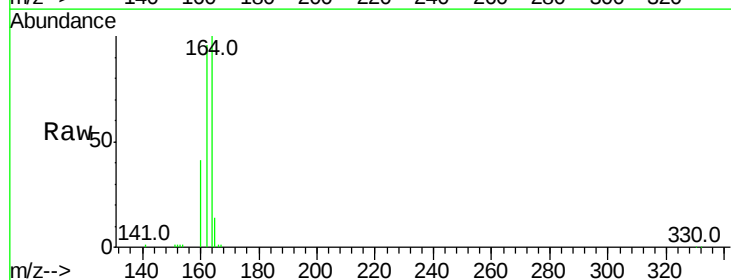
Tgt Ion: 164 Resp: 37018

Ion Ratio Lower Upper

164 100

162 96.0 81.6 122.4

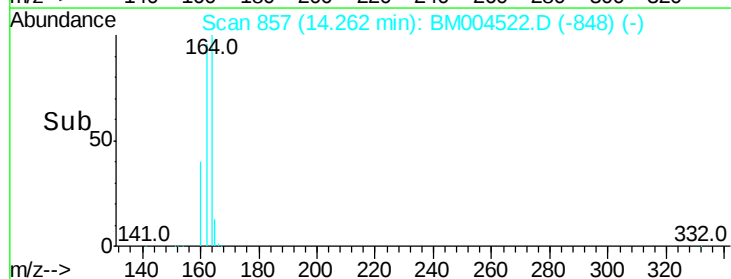
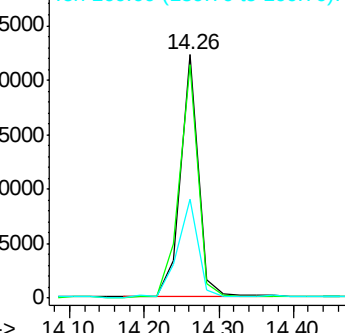
160 40.6 34.9 52.3

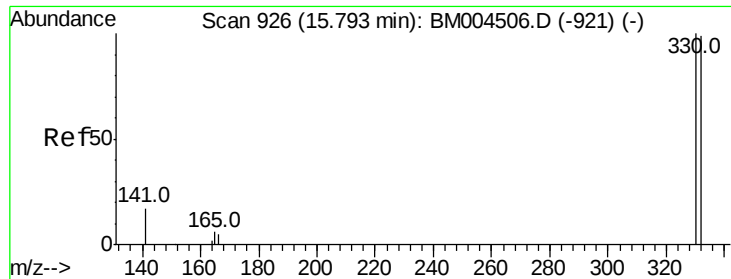


Abundance Ion 164.00 (163.70 to 164.70): BM004506.D (-854) (-)

Ion 162.00 (161.70 to 162.70): BM004506.D (-854) (-)

Ion 160.00 (159.70 to 160.70): BM004506.D (-854) (-)

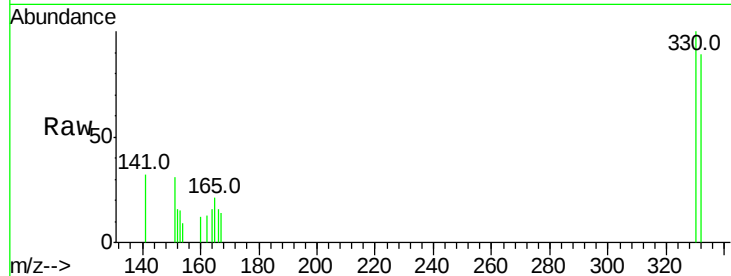




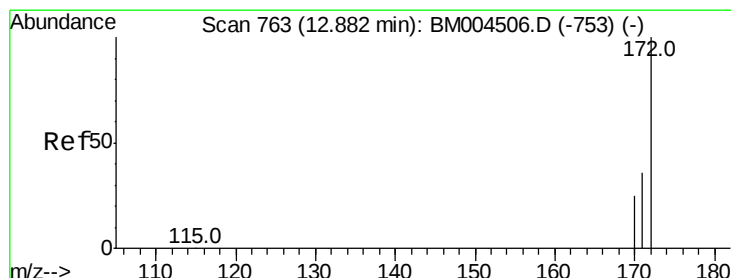
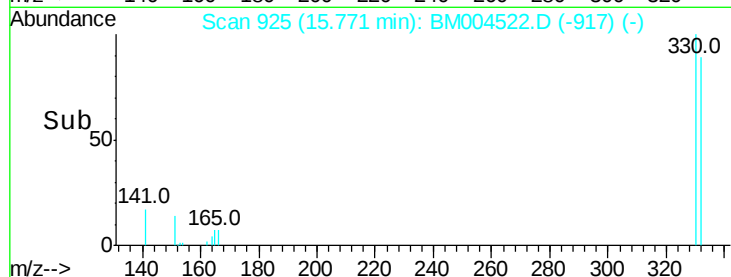
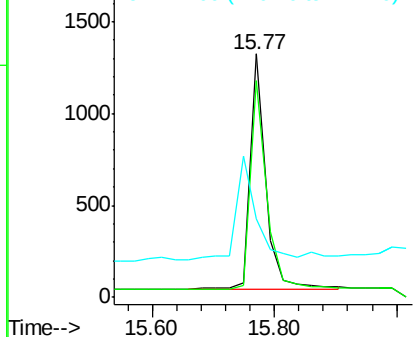
#14
 2,4,6-Tribromophenol
 Concen: 1.82 ng
 RT: 15.77 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM004522.D
 Acq: 02 Mar 2016 16:21

Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

Tot Ion:330 Resp: 2236
 Ion Ratio Lower Upper
 330 100
 332 92.9 76.6 114.8
 141 0.0 0.0 0.0

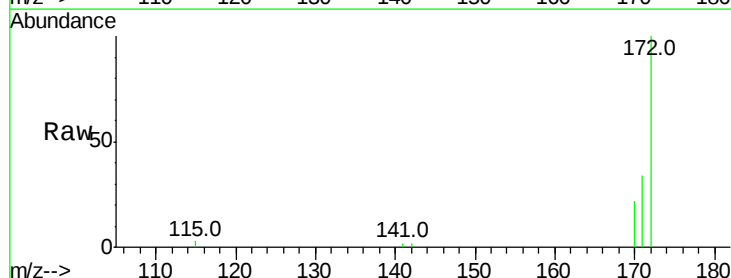


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

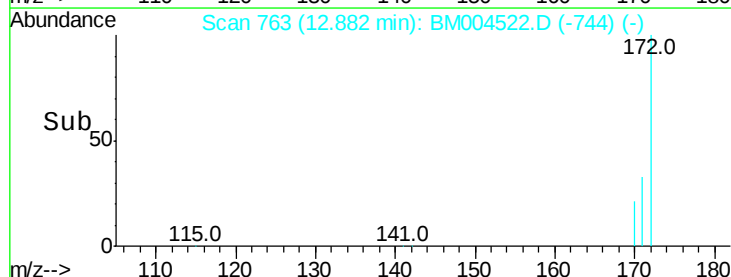
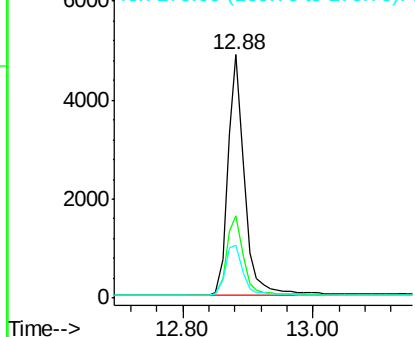


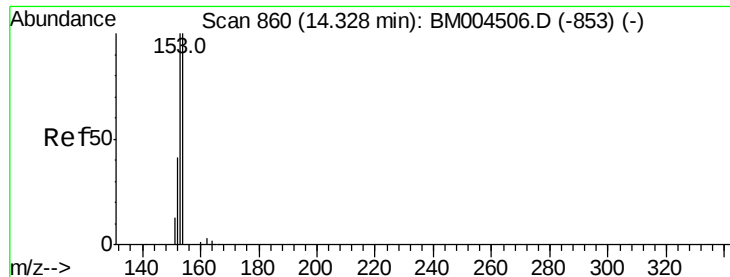
#15
 2-Fluorobiphenyl
 Concen: 0.75 ng
 RT: 12.88 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BM004522.D
 Acq: 02 Mar 2016 16:21

Tgt Ion:172 Resp: 8544
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.5 44.3
 170 21.9 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#17

Acenaphthene

Concen: 0.04 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

Instrument :

BNA_M

ClientSampleId :

MW-3DL

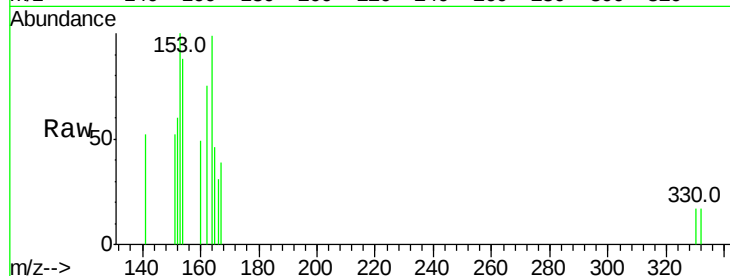
Tot Ion:154 Resp: 744

Ion Ratio Lower Upper

154 100

153 62.2 88.7 133.1#

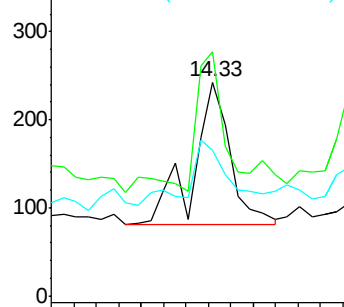
152 0.0 41.8 62.8#



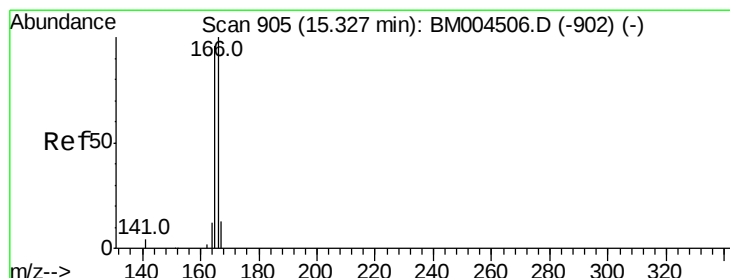
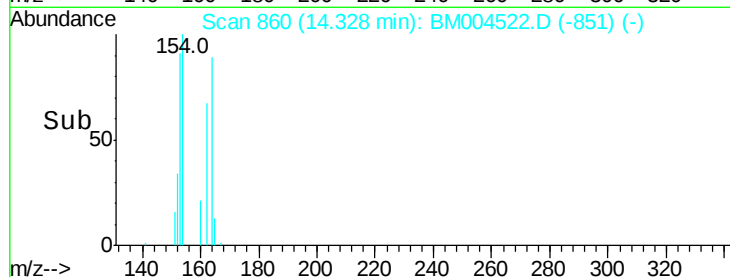
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#18

Fluorene

Concen: 0.06 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

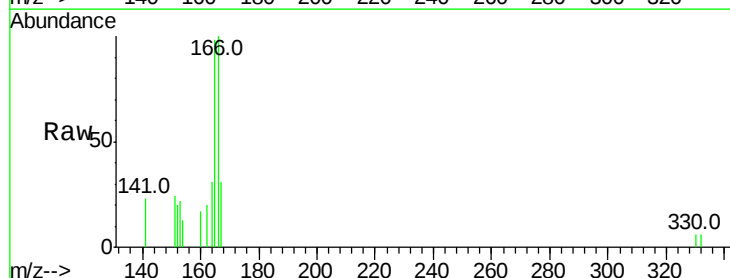
Tgt Ion:166 Resp: 1072

Ion Ratio Lower Upper

166 100

165 102.1 77.8 116.6

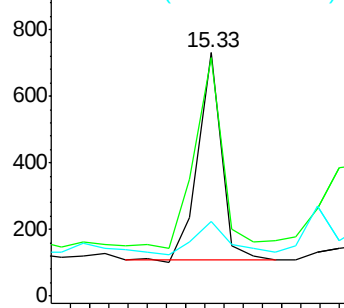
167 23.1 10.8 16.2#



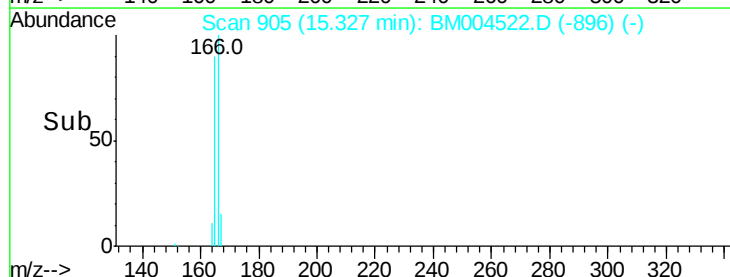
Abundance Ion 166.00 (165.70 to 166.70): E

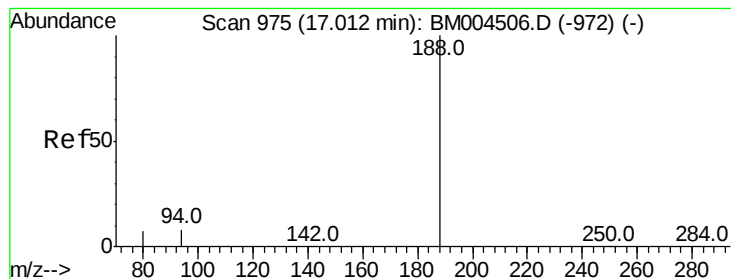
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

Instrument :

BNA_M

ClientSampleId :

MW-3DL

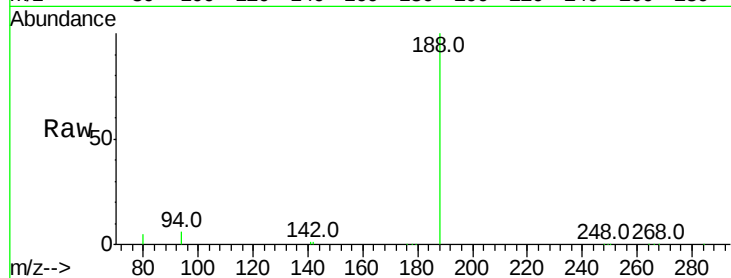
Tot Ion:188 Resp: 84484

Ion Ratio Lower Upper

188 100

94 5.7 6.3 9.5#

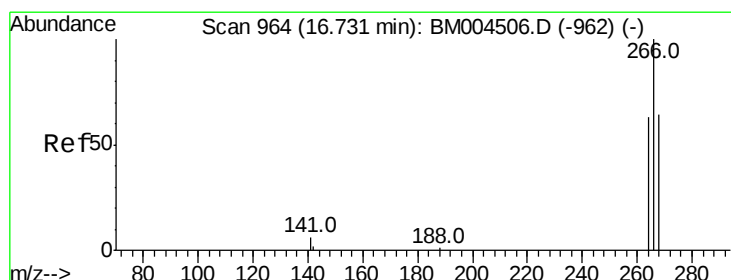
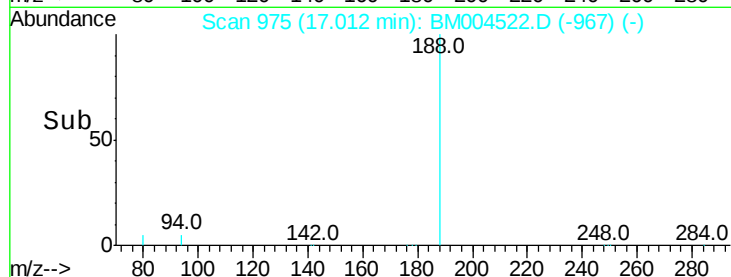
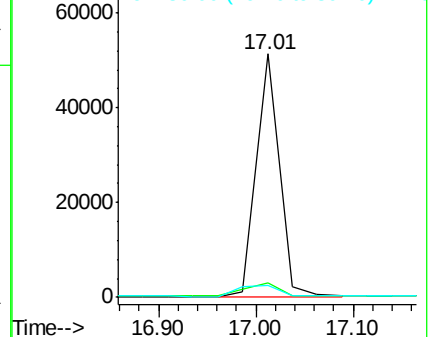
80 4.9 5.9 8.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#22

Pentachlorophenol

Concen: 4.53 ng

RT: 16.71 min Scan# 963

Delta R.T. -0.02 min

Lab File: BM004522.D

Acq: 02 Mar 2016 16:21

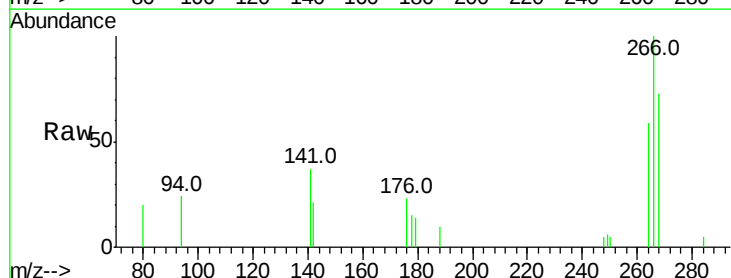
Tgt Ion:266 Resp: 2998

Ion Ratio Lower Upper

266 100

268 72.9 63.0 94.6

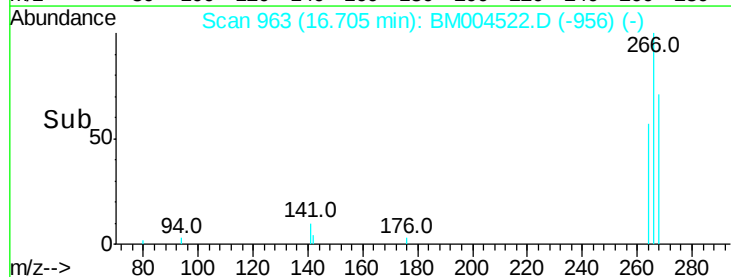
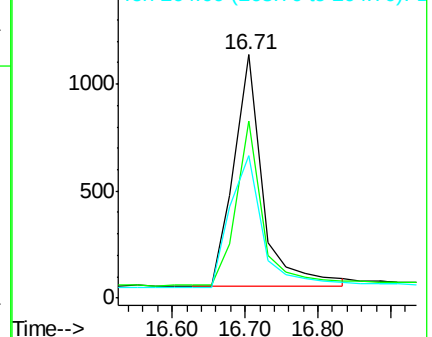
264 58.5 59.6 89.4#

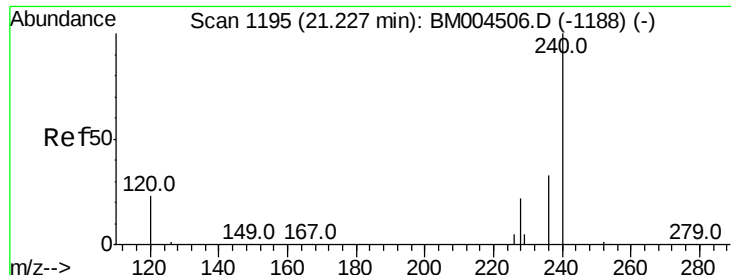


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

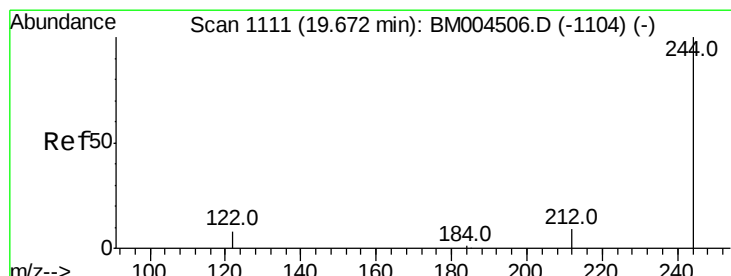
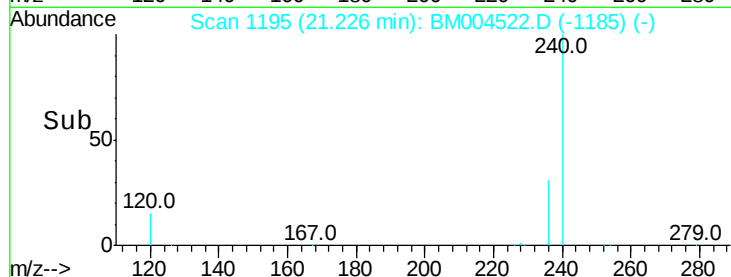
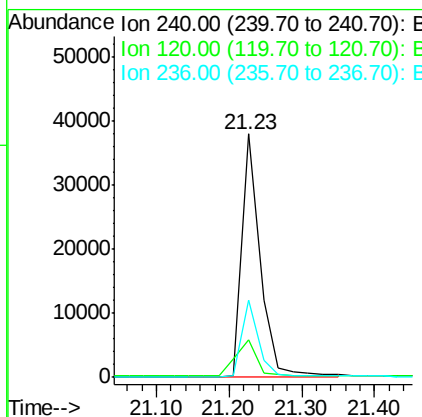
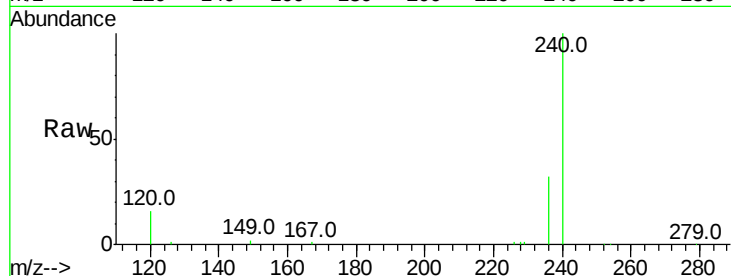




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004522.D
Acq: 02 Mar 2016 16:21

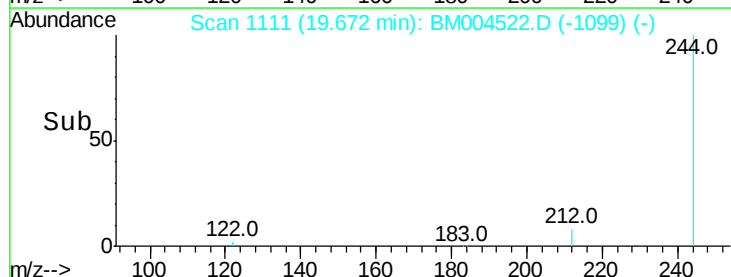
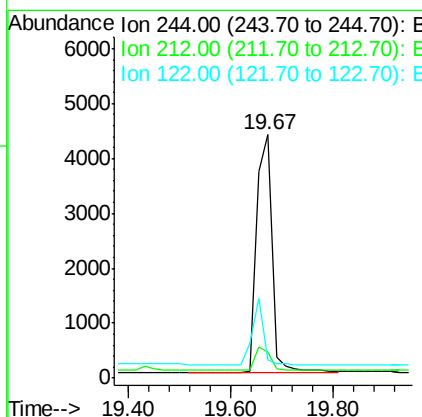
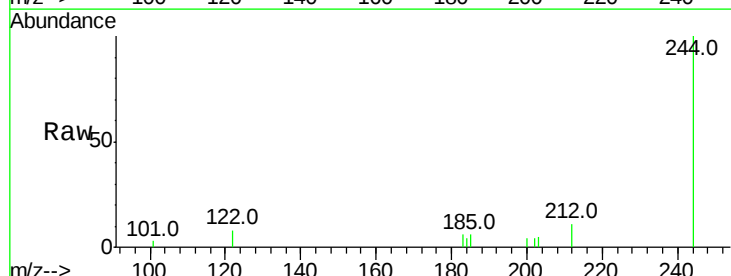
Instrument :
BNA_M
ClientSampleId :
MW-3DL

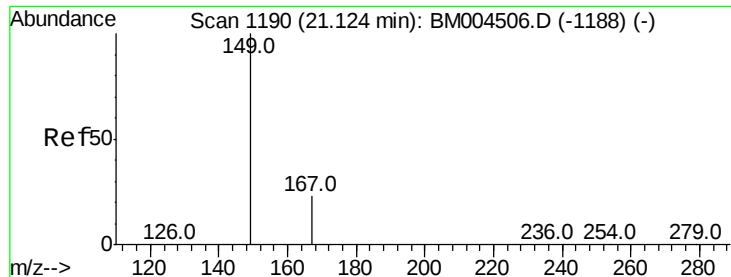
Tot Ion:240 Resp: 65430
Ion Ratio Lower Upper
240 100
120 15.5 18.9 28.3#
236 31.7 26.4 39.6



#29
Terphenyl-d14
Concen: 0.82 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004522.D
Acq: 02 Mar 2016 16:21

Tgt Ion:244 Resp: 8884
Ion Ratio Lower Upper
244 100
212 10.9 7.8 11.6
122 7.6 7.0 10.4

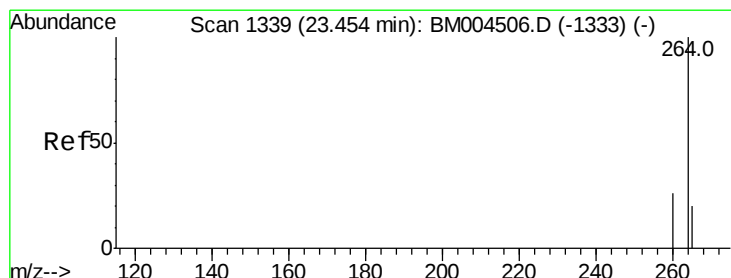
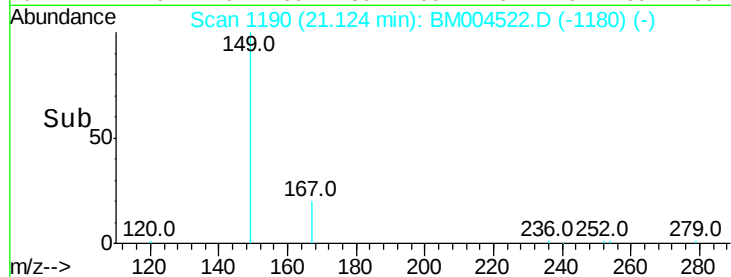
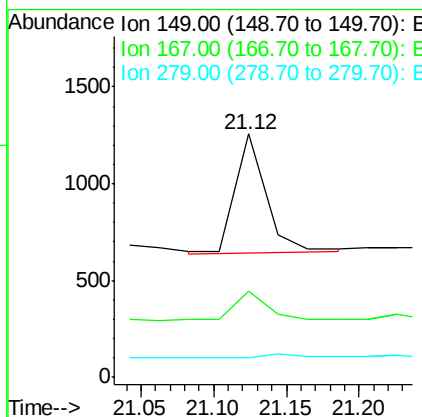
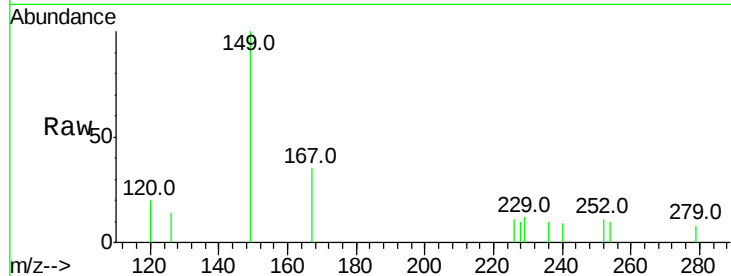




#33
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004522.D
Acq: 02 Mar 2016 16:21

Instrument :
BNA_M
ClientSampleId :
MW-3DL

Tot Ion:149 Resp: 941
Ion Ratio Lower Upper
149 100
167 24.2 20.2 30.4
279 0.0 0.0 0.0



#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM004522.D
Acq: 02 Mar 2016 16:21

Tgt Ion:264 Resp: 61038
Ion Ratio Lower Upper
264 100
260 25.7 21.2 31.8
265 23.3 17.4 26.0

