

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001674.D
 Acq On : 12 Jun 2015 12:41
 Operator : TP/IZ
 Sample : G2491-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW001-150602RE

Quant Time: Jun 12 16:53:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:27:37 2015
 Response via : Initial Calibration

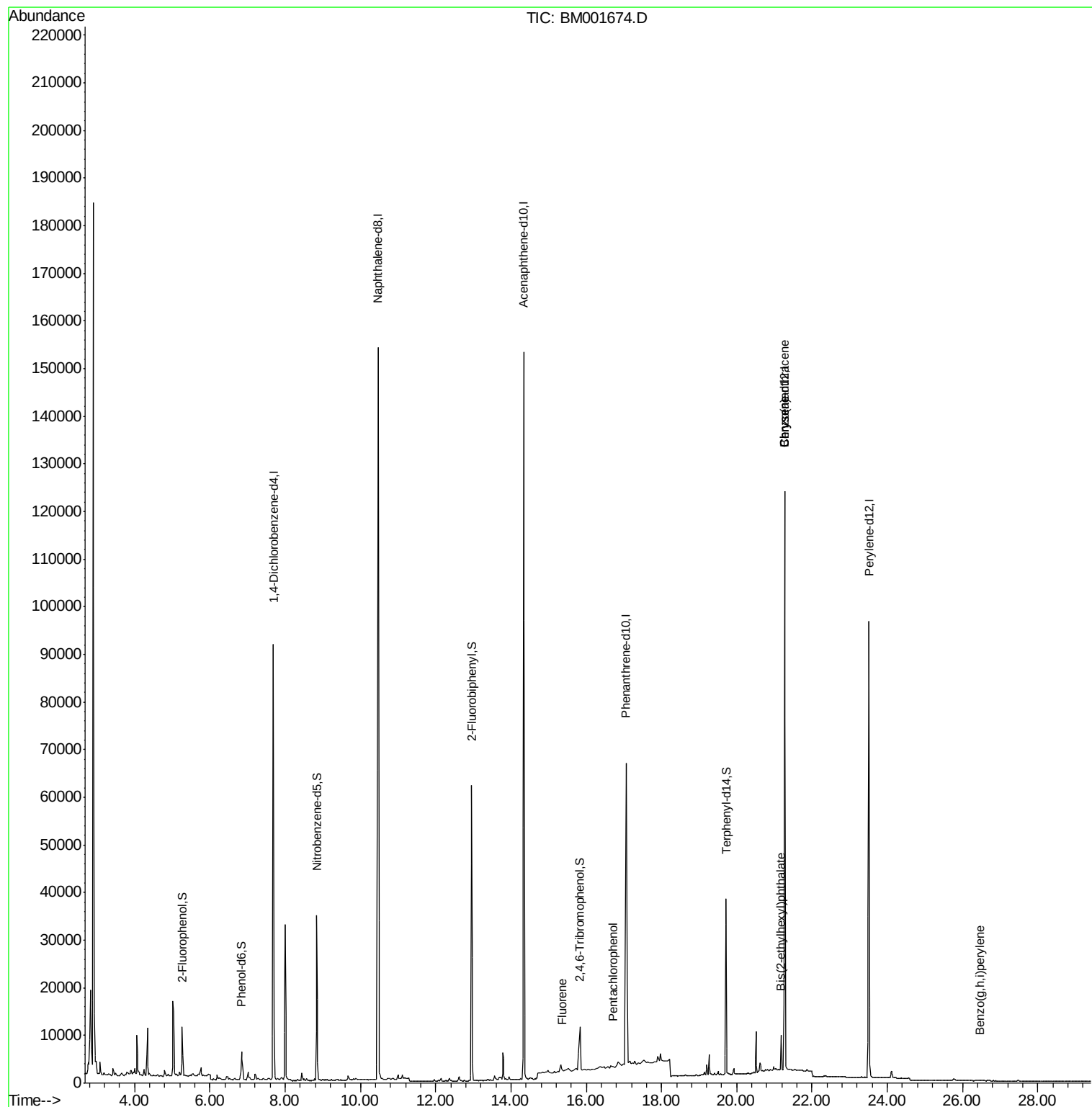
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	56973	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	203225	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	91185	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	95715	5.00	ng	0.00
25) Chrysene-d12	21.27	240	133148	5.00	ng	0.00
32) Perylene-d12	23.51	264	124202	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	7254	0.54	ng	0.00
5) Phenol-d6	6.84	99	5986	0.35	ng	0.00
7) Nitrobenzene-d5	8.85	82	30403	1.95	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	8339	2.51	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	59347	1.86	ng	0.00
27) Terphenyl-d14	19.72	244	42226	2.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	214	Below Cal	#	61
17) Fluorene	15.36	166	2179	0.08	ng	# 12
21) Pentachlorophenol	16.72	266	37	0.30	ng	# 66
28) Benzo(a)anthracene	21.27	228	1005	0.02	ng	# 46
29) Chrysene	21.27	228	1024	0.03	ng	# 59
30) Bis(2-ethylhexyl)phthalate	21.18	149	10052	0.54	ng	100
37) Benzo(g,h,i)perylene	26.45	276	441	0.04	ng	# 37

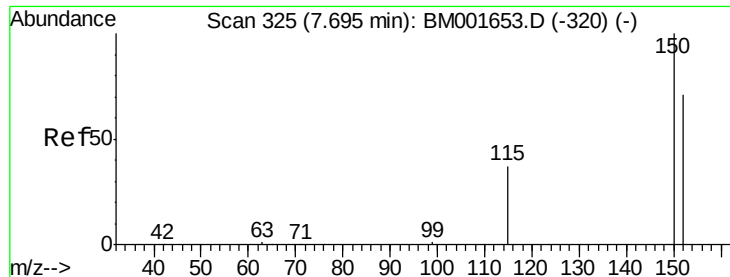
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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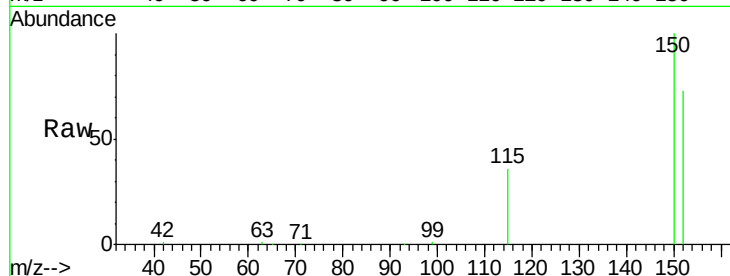


#1

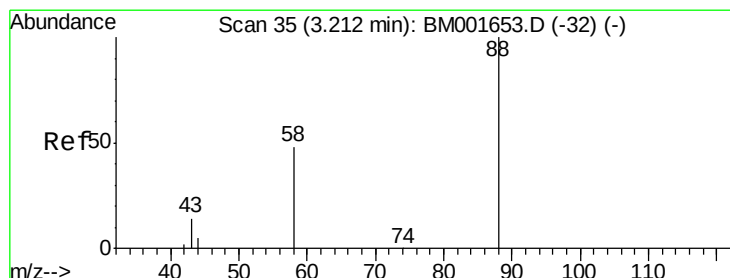
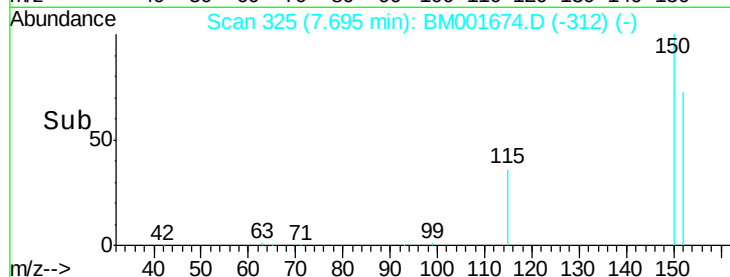
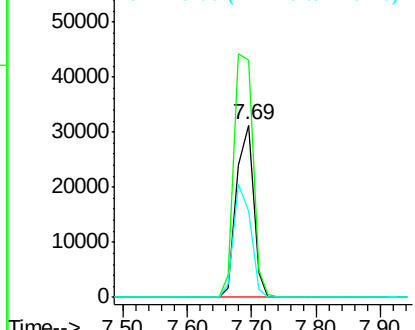
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001674.D
Acq: 12 Jun 2015 12:41

Instrument :
BNA_M
ClientSampleId :
LF016MW001-150602RE

Tgt Ion: 152 Resp: 56973
Ion Ratio Lower Upper
152 100
150 137.8 112.2 168.2
115 49.7 41.7 62.5



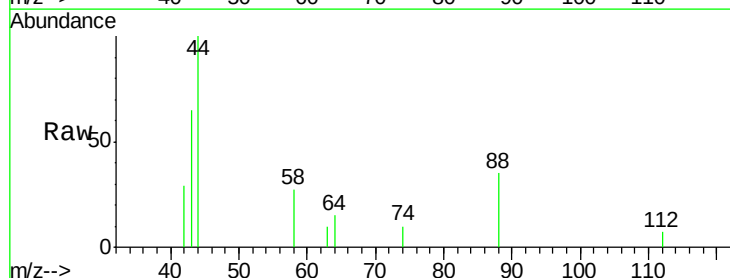
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



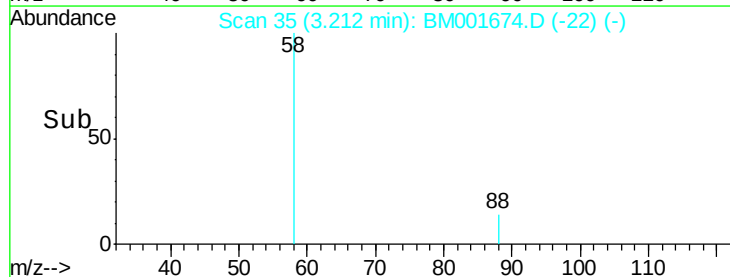
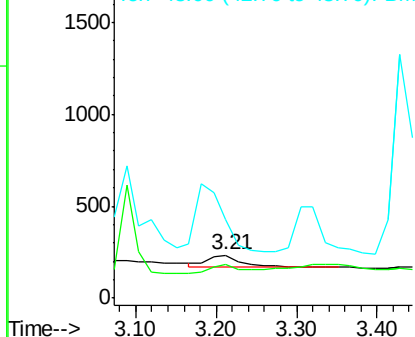
#2

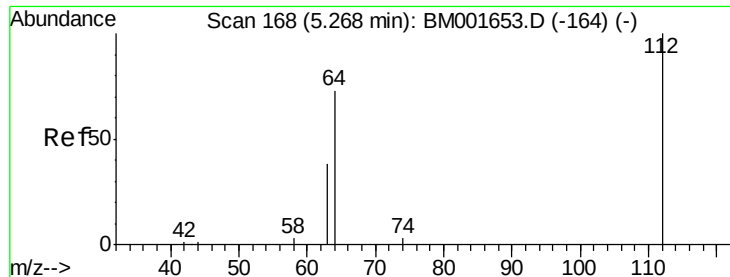
1,4-Dioxane
Concen: Below Cal
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001674.D
Acq: 12 Jun 2015 12:41

Tgt Ion: 88 Resp: 214
Ion Ratio Lower Upper
88 100
58 63.6 70.5 105.7#
43 0.0 33.3 49.9#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#4

2-Fluorophenol

Concen: 0.54 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602RE

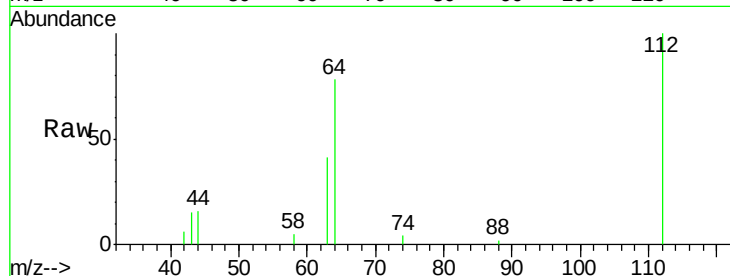
Tgt Ion: 112 Resp: 7254

Ion Ratio Lower Upper

112 100

64 70.0 55.5 83.3

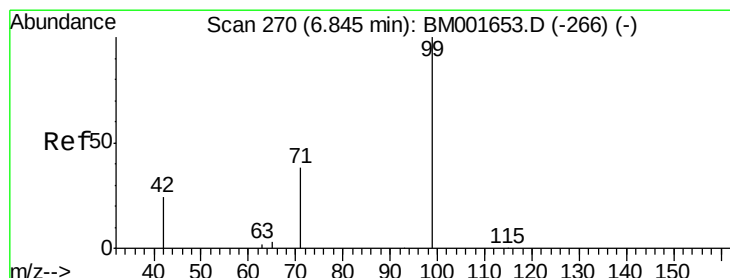
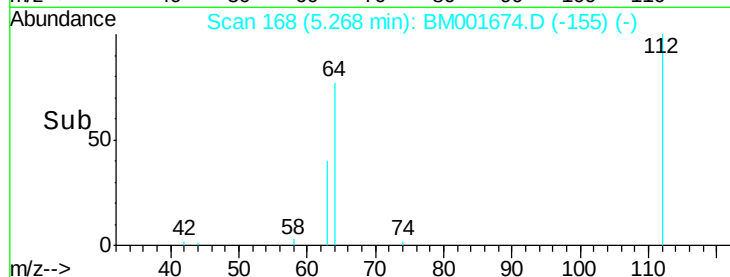
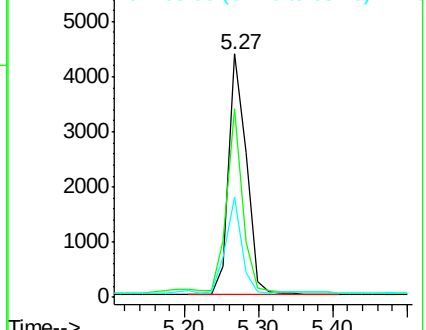
63 36.9 29.9 44.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#5

Phenol-d6

Concen: 0.35 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

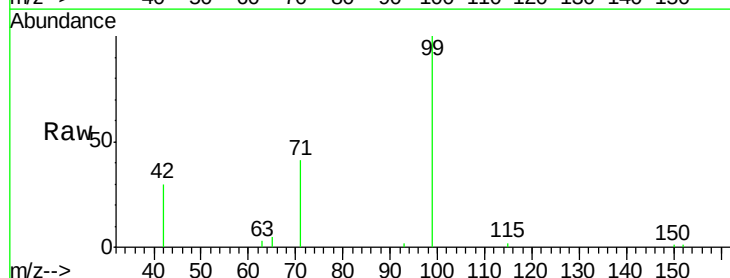
Tgt Ion: 99 Resp: 5986

Ion Ratio Lower Upper

99 100

42 49.7 21.6 32.4#

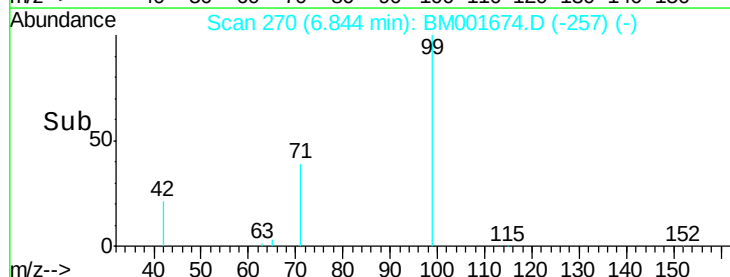
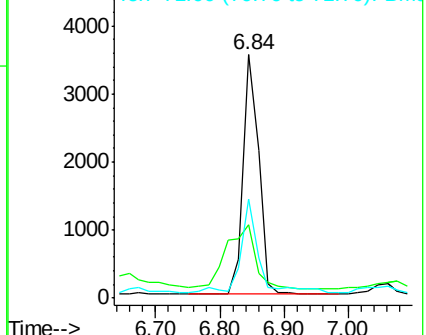
71 44.1 28.7 43.1#

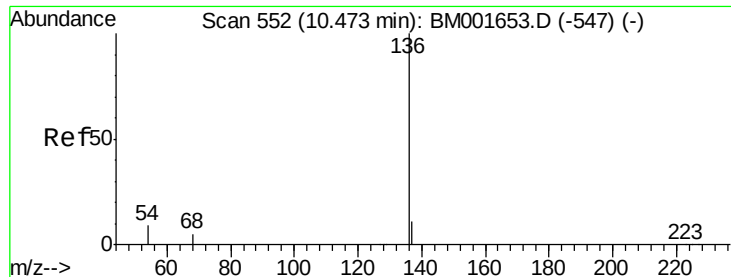


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602RE

Tgt Ion: 136 Resp: 203225

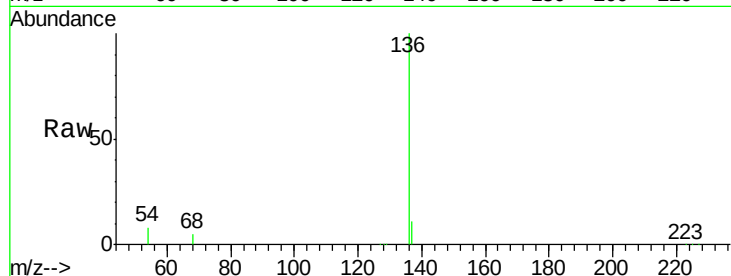
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.2 6.9 10.3

68 5.4 4.4 6.6

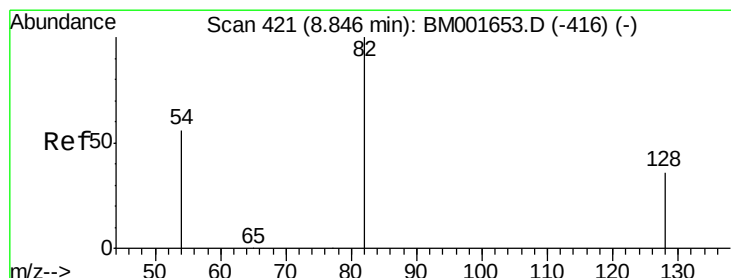
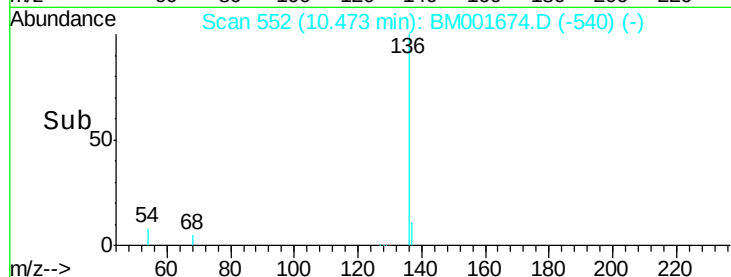
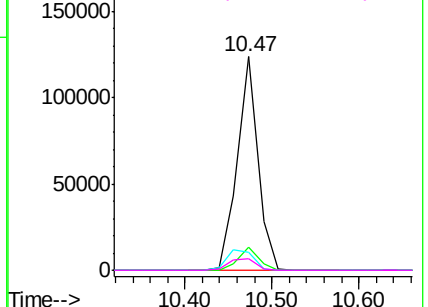


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 1.95 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

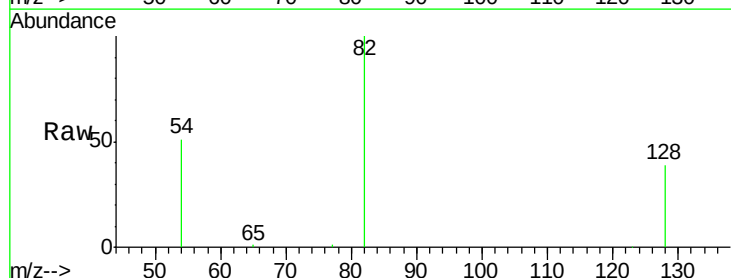
Tgt Ion: 82 Resp: 30403

Ion Ratio Lower Upper

82 100

128 38.9 29.7 44.5

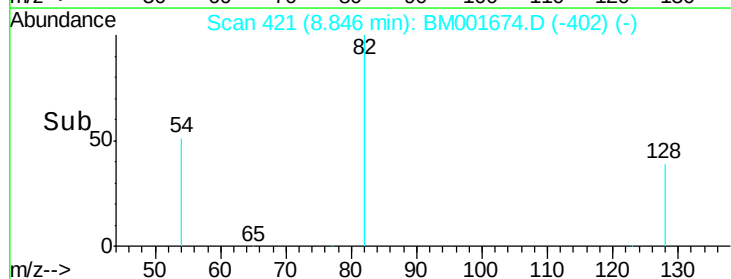
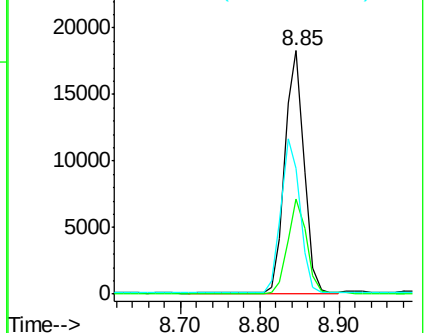
54 51.4 45.1 67.7

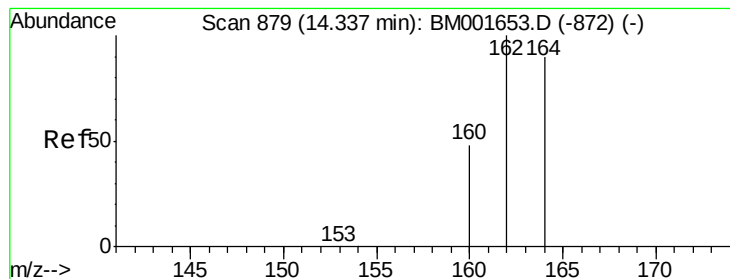


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.34 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602RE

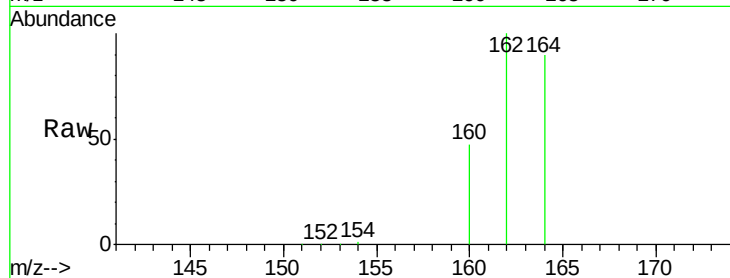
Tgt Ion:164 Resp: 91185

Ion Ratio Lower Upper

164 100

162 111.2 89.0 133.4

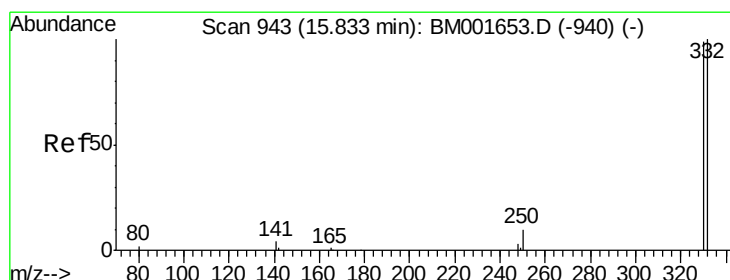
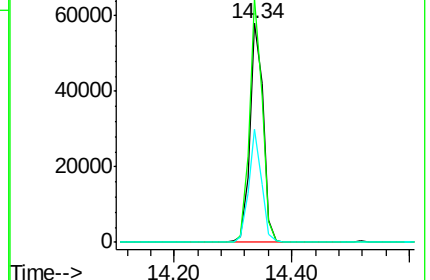
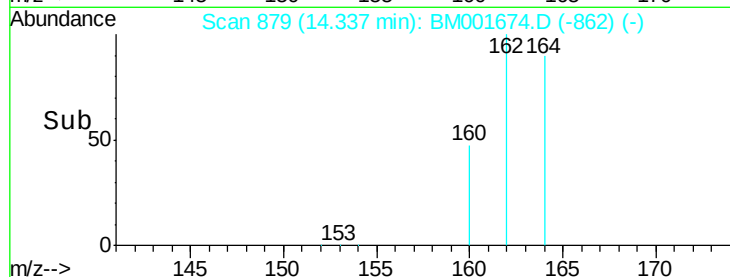
160 51.9 42.6 63.8



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: 2.51 ng

RT: 15.83 min Scan# 943

Delta R.T. 0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

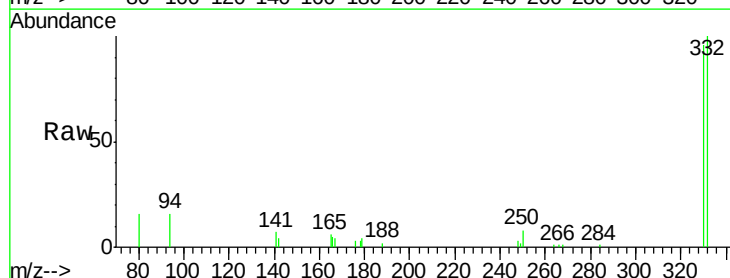
Tgt Ion:330 Resp: 8339

Ion Ratio Lower Upper

330 100

332 103.6 80.6 120.8

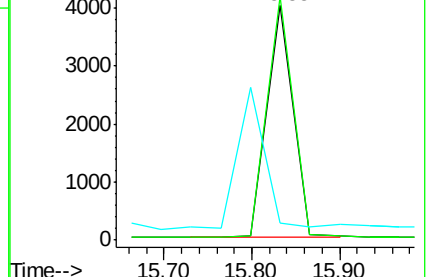
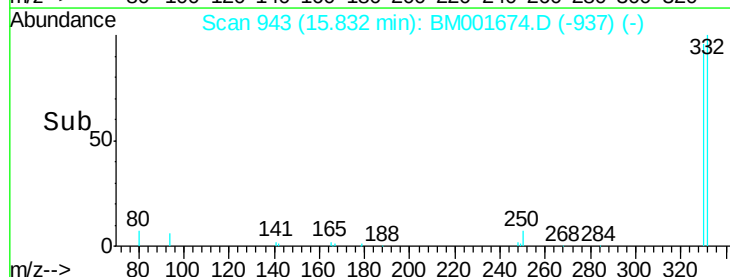
141 0.0 0.0 0.0

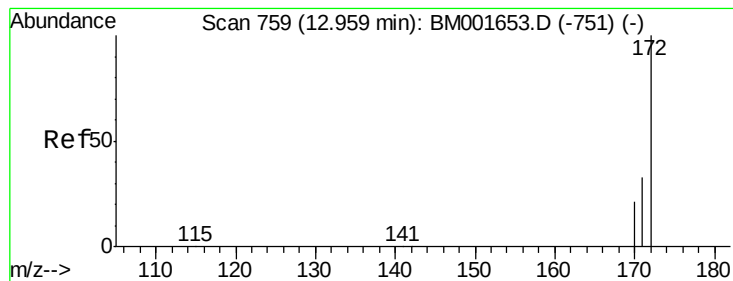


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 1.86 ng

RT: 12.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

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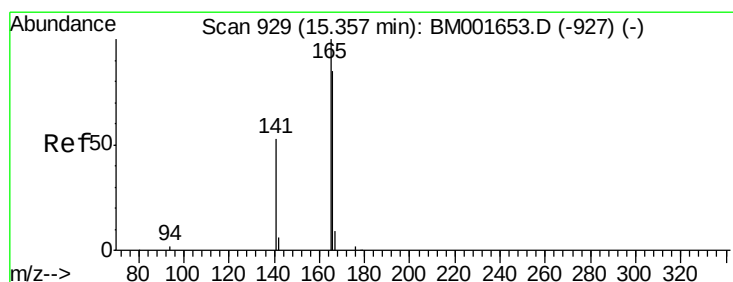
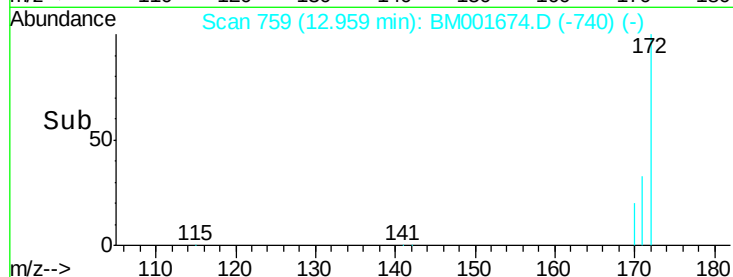
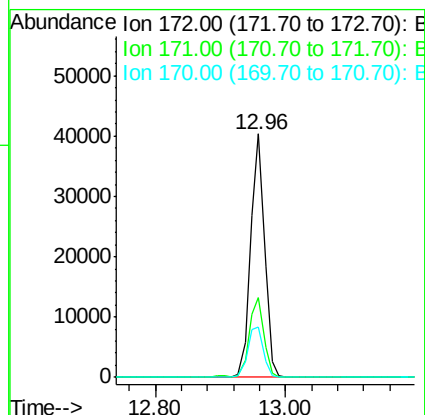
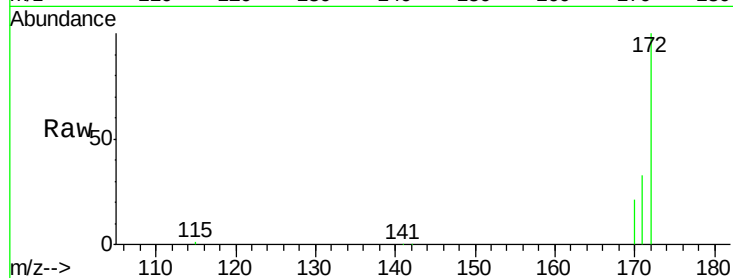
Tgt Ion:172 Resp: 59347

Ion Ratio Lower Upper

172 100

171 32.9 26.6 40.0

170 20.7 17.1 25.7



#17

Fluorene

Concen: 0.08 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

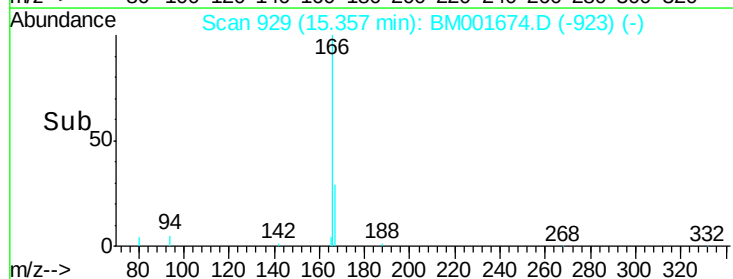
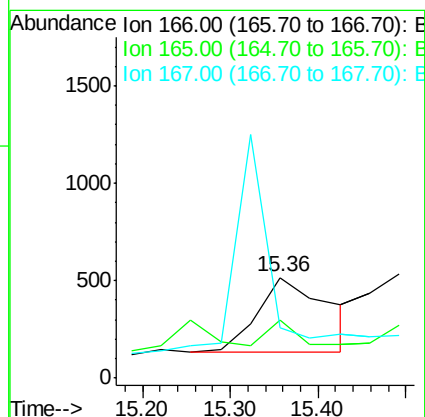
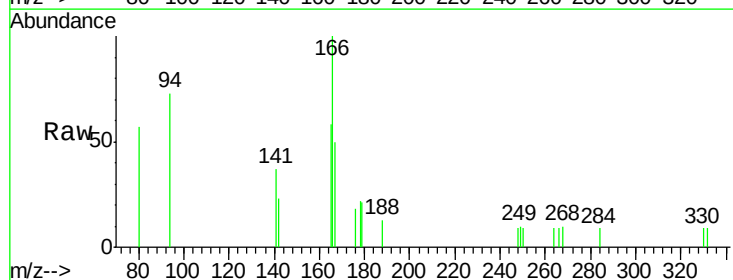
Tgt Ion:166 Resp: 2179

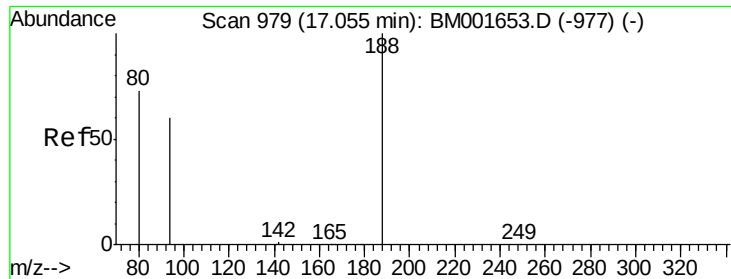
Ion Ratio Lower Upper

166 100

165 12.9 90.7 136.1#

167 0.0 9.4 14.0#

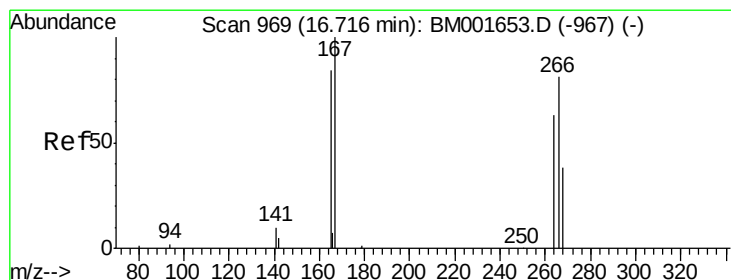
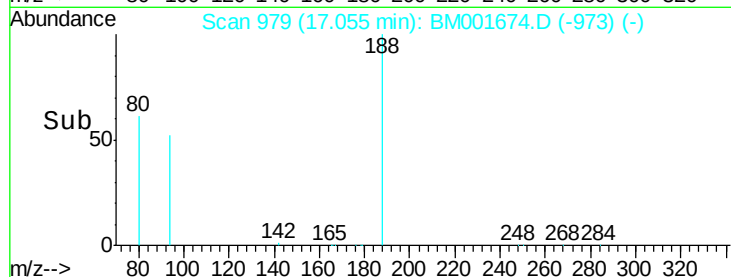
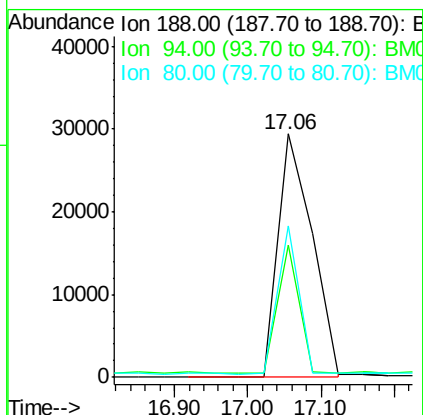
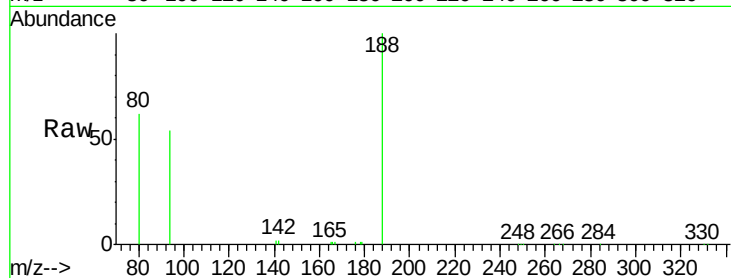




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001674.D
Acq: 12 Jun 2015 12:41

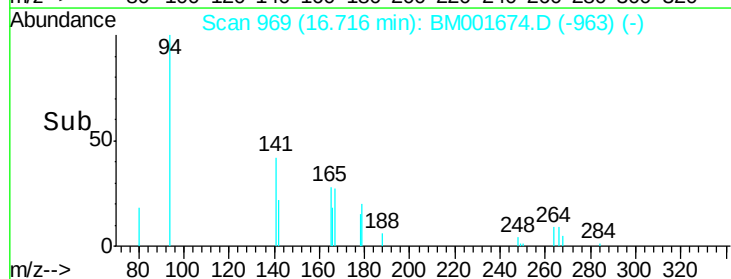
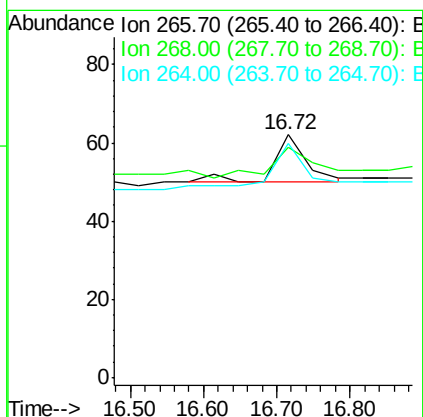
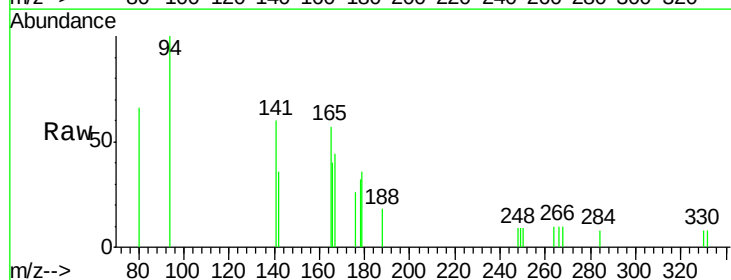
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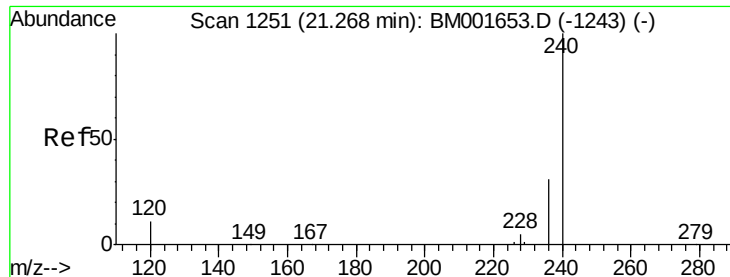
Tgt Ion:188 Resp: 95715
Ion Ratio Lower Upper
188 100
94 54.2 48.3 72.5
80 62.4 58.6 88.0



#21
Pentachlorophenol
Concen: 0.30 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001674.D
Acq: 12 Jun 2015 12:41

Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
268 95.2 43.3 64.9#
264 96.8 64.5 96.7#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602RE

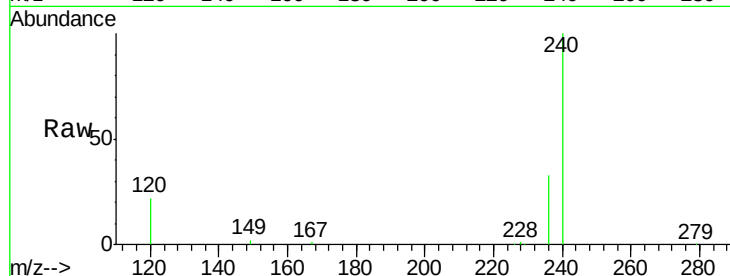
Tgt Ion:240 Resp: 133148

Ion Ratio Lower Upper

240 100

120 22.3 8.9 13.3#

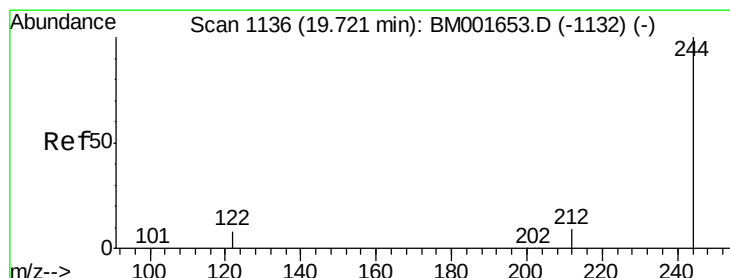
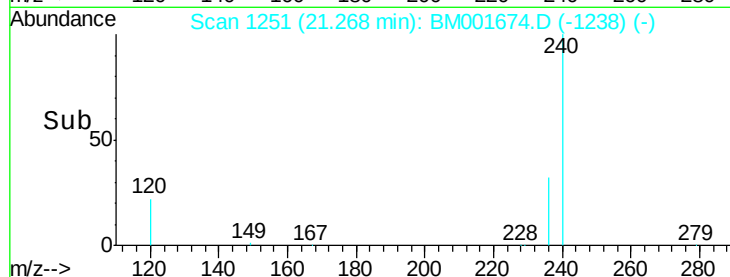
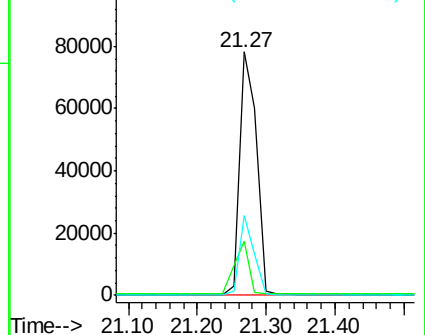
236 32.6 24.6 36.8



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



#27

Terphenyl-d14

Concen: 2.10 ng

RT: 19.72 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

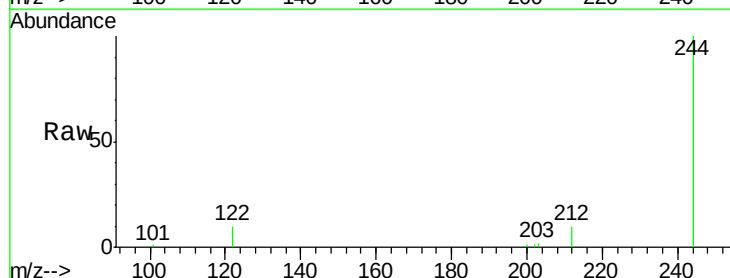
Tgt Ion:244 Resp: 42226

Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

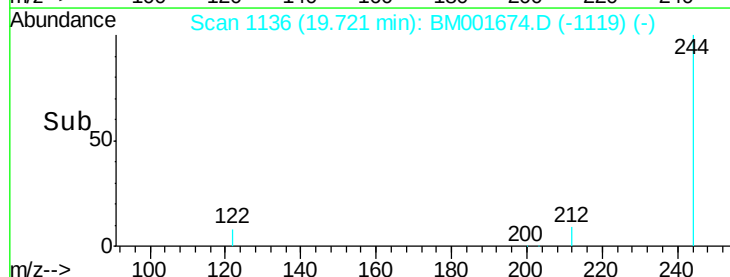
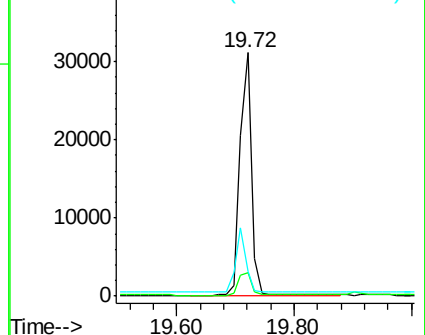
122 10.0 6.9 10.3

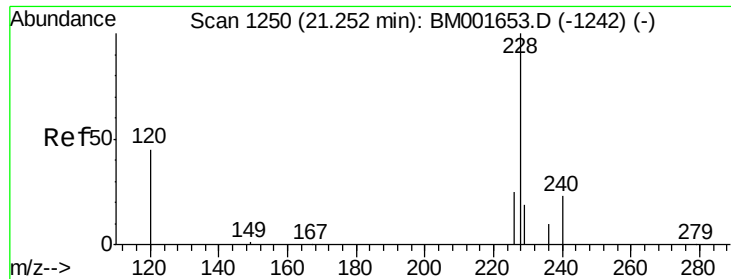


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

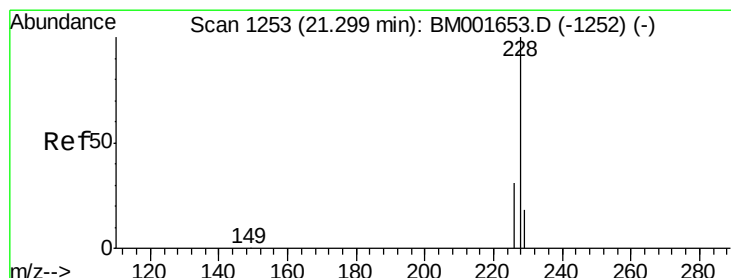
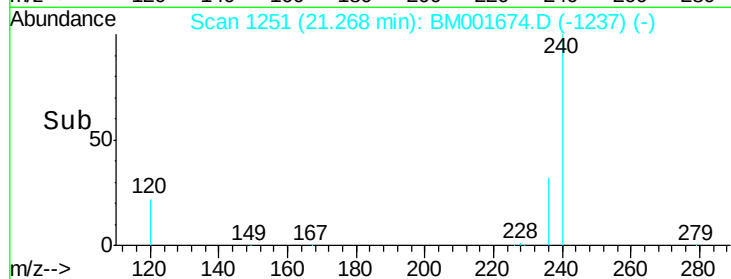
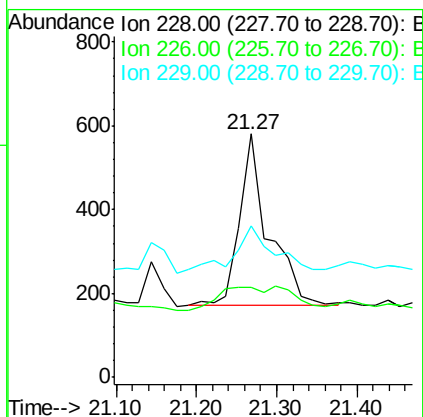
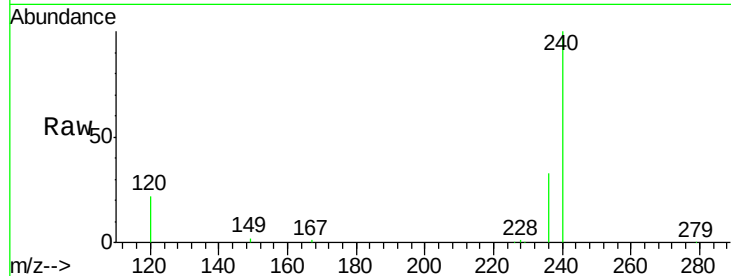




#28
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001674.D
Acq: 12 Jun 2015 12:41

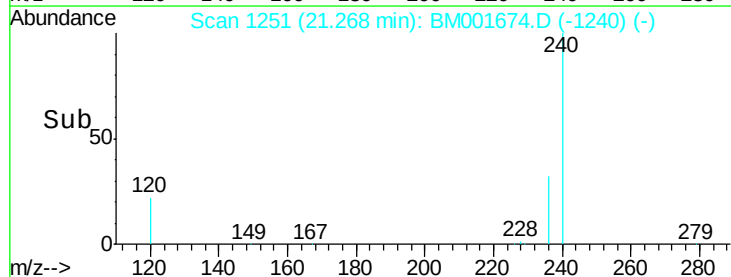
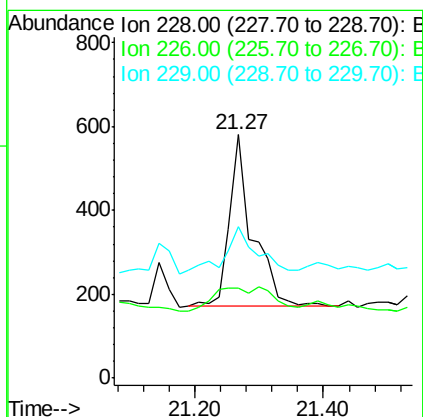
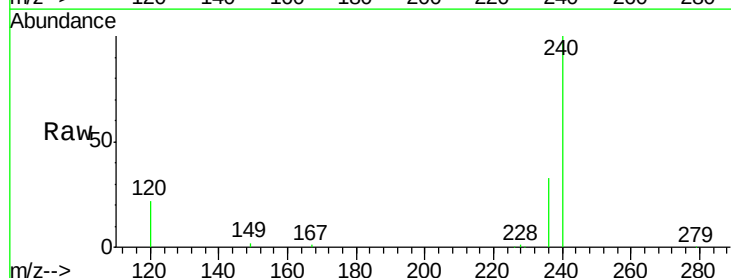
Instrument :
BNA_M
ClientSampleId :
LF016MW001-150602RE

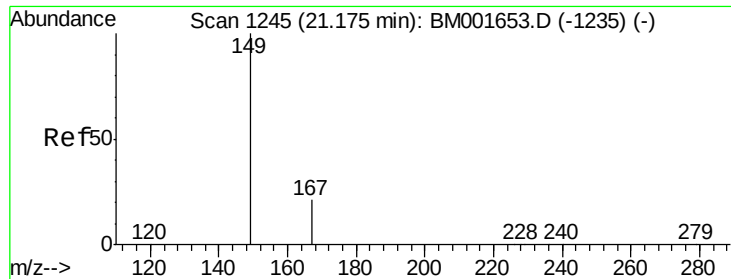
Tgt Ion: 228 Resp: 1005
Ion Ratio Lower Upper
228 100
226 36.8 20.2 30.4#
229 62.5 15.7 23.5#



#29
Chrysene
Concen: 0.03 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BM001674.D
Acq: 12 Jun 2015 12:41

Tgt Ion: 228 Resp: 1024
Ion Ratio Lower Upper
228 100
226 36.8 25.8 38.8
229 62.5 14.1 21.1#





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.54 ng

RT: 21.18 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602RE

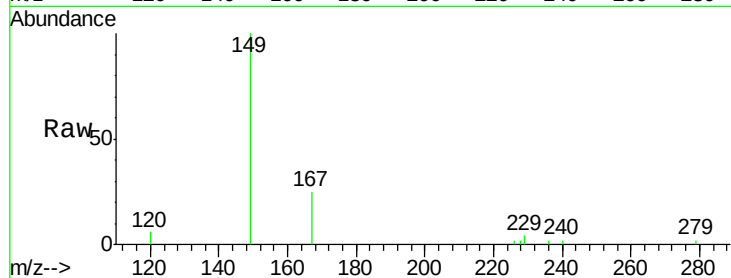
Tgt Ion:149 Resp: 10052

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

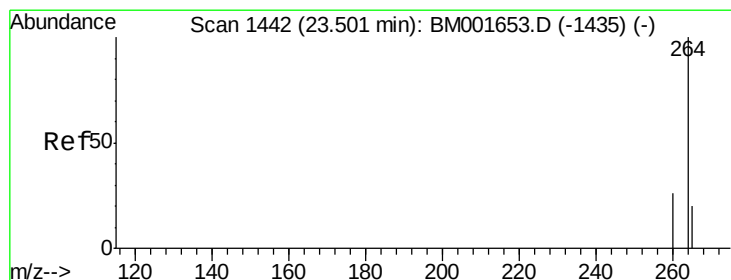
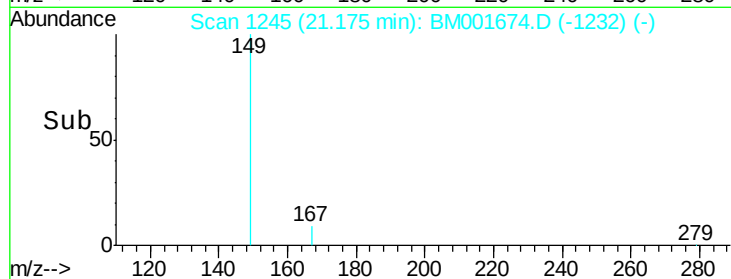
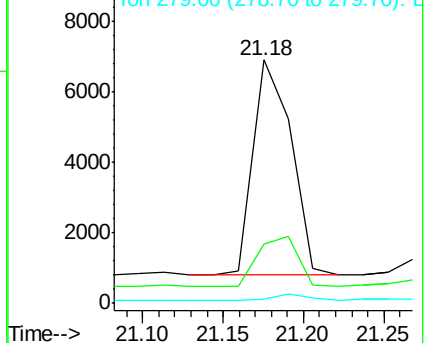
279 2.3 1.7 2.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BM001674.D

Acq: 12 Jun 2015 12:41

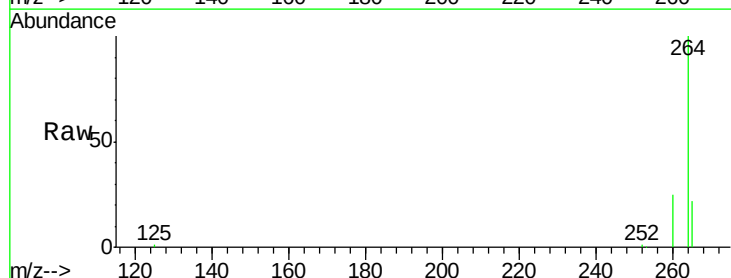
Tgt Ion:264 Resp: 124202

Ion Ratio Lower Upper

264 100

260 24.7 20.8 31.2

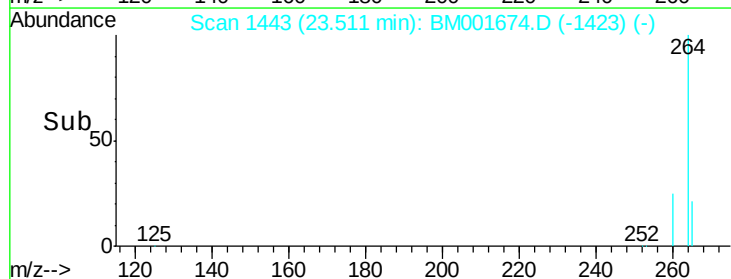
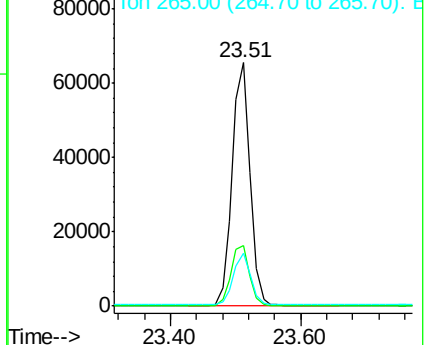
265 21.8 16.9 25.3

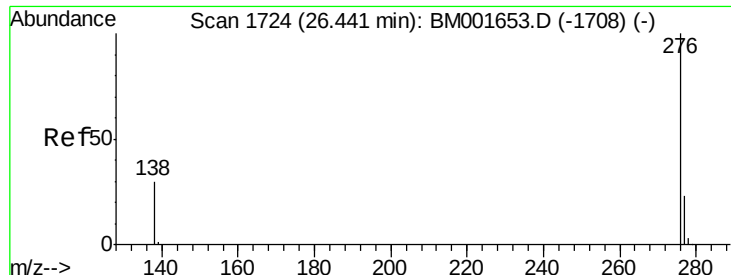


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.04 ng

RT: 26.45 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BM001674.D

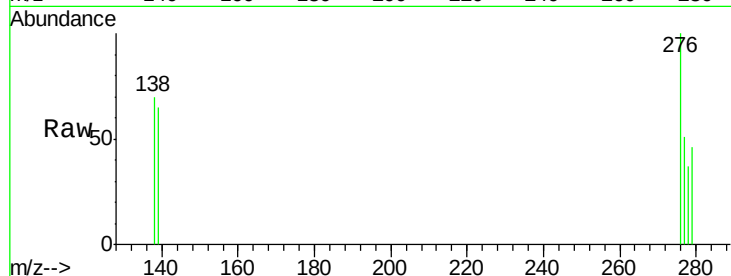
Acq: 12 Jun 2015 12:41

Instrument :

BNA_M

ClientSampleId :

LF016MW001-150602RE



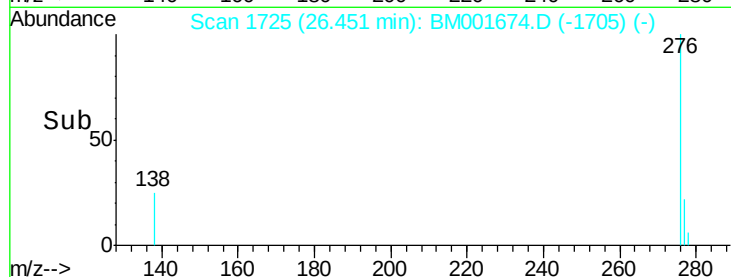
Tgt Ion: 276 Resp: 441

Ion Ratio Lower Upper

276 100

277 50.5 19.3 28.9#

138 69.9 25.0 37.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

250

200

150

100

50

0

26.20

26.40

26.60

Time-->