

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001689.D
 Acq On : 13 Jun 2015 02:59
 Operator : TP/IZ
 Sample : G2620-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 061115-P22-F-D-B

Quant Time: Jun 13 03:46:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:11:48 2015
 Response via : Initial Calibration

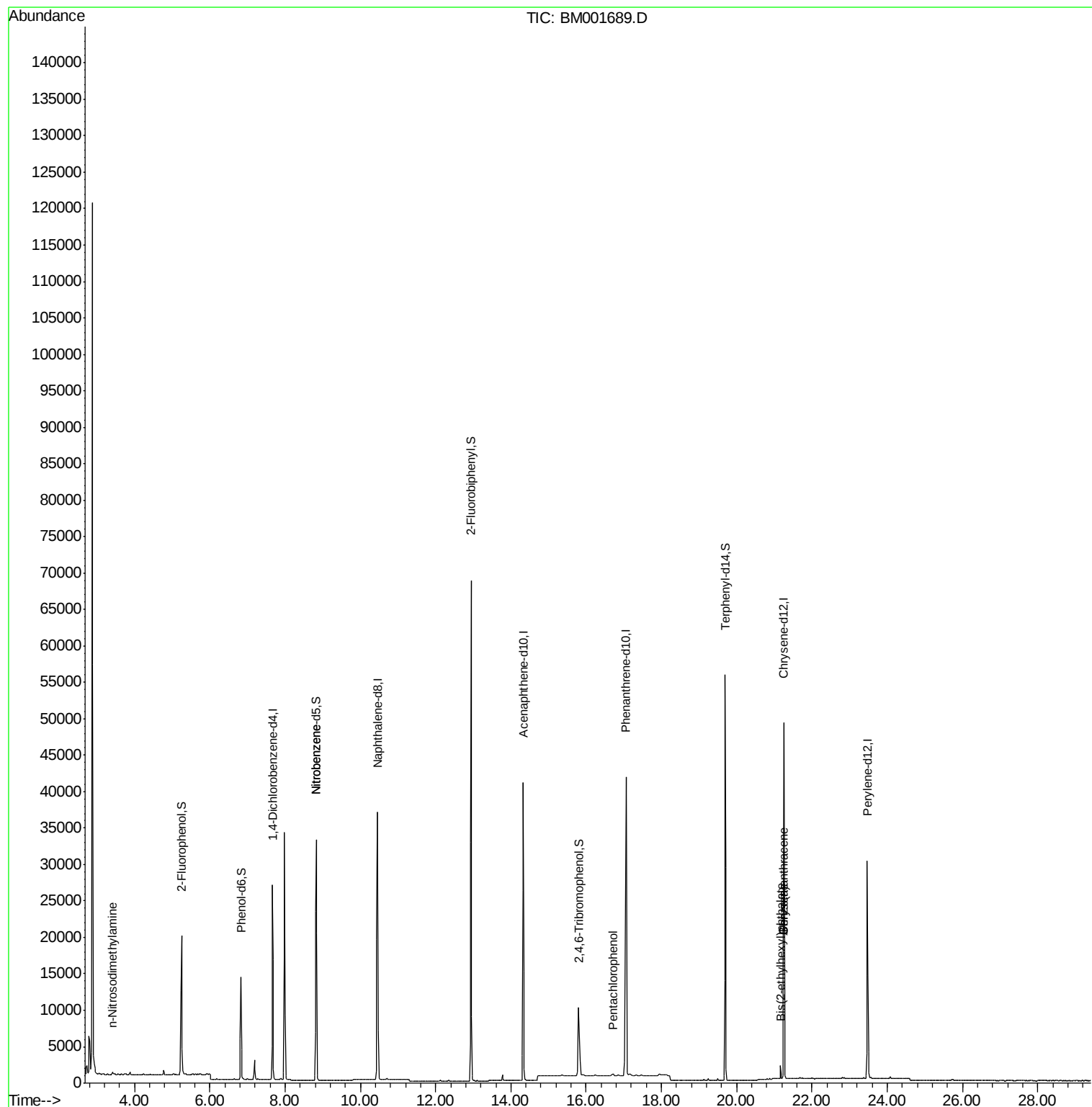
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	13913	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	51067	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	24715	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	80069	5.00	ng	0.00
25) Chrysene-d12	21.25	240	45239	5.00	ng	0.00
32) Perylene-d12	23.47	264	41333	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	15436	4.60	ng	0.00
5) Phenol-d6	6.83	99	13983	3.31	ng	0.00
7) Nitrobenzene-d5	8.83	82	28176	7.00	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	7276	12.59	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	63142	7.20	ng	0.00
27) Terphenyl-d14	19.70	244	54808	8.11	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.41	42	94	0.04	ng	# 1
8) Nitrobenzene	8.83	77	99	0.02	ng	# 32
21) Pentachlorophenol	16.72	266	169	0.40	ng	# 81
28) Benzo(a)anthracene	21.24	228	483	0.03	ng	# 62
29) Chrysene	21.24	228	489	0.04	ng	# 73
30) Bis(2-ethylhexyl)phthalate	21.16	149	2073	0.47	ng	92

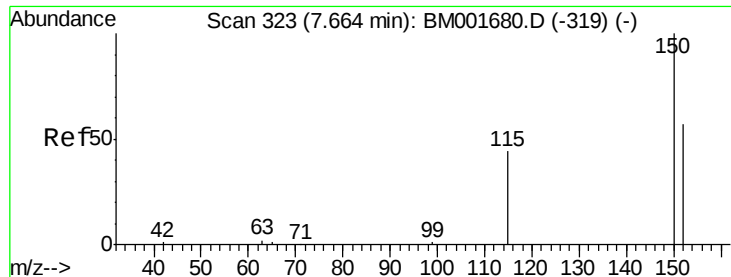
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-D-B

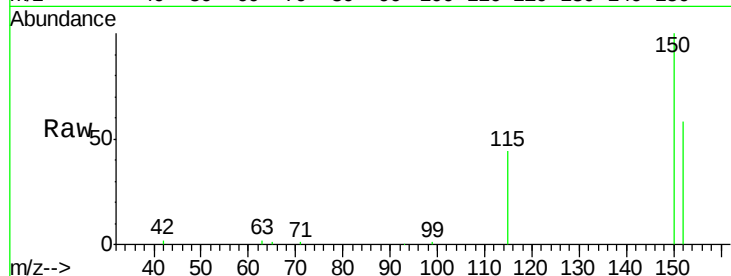
Tgt Ion:152 Resp: 13913

Ion Ratio Lower Upper

152 100

150 172.1 139.6 209.4

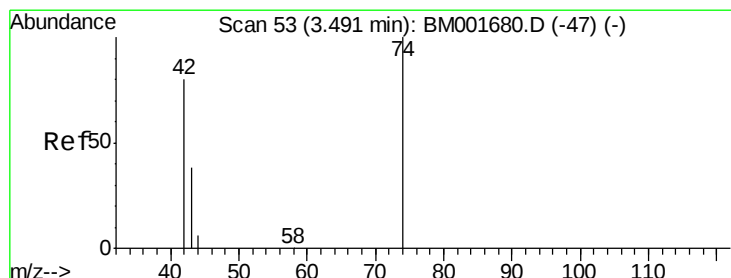
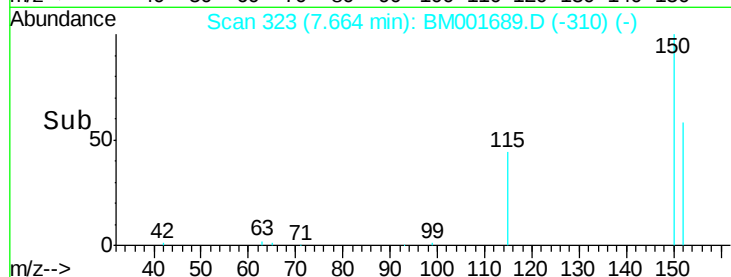
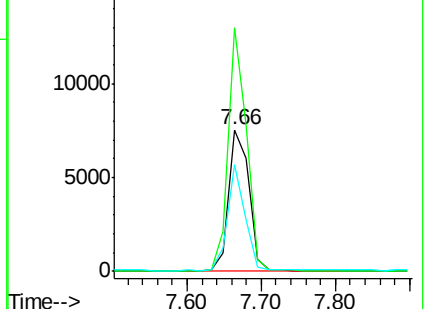
115 75.8 62.5 93.7



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: 0.04 ng

RT: 3.41 min Scan# 48

Delta R.T. -0.08 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

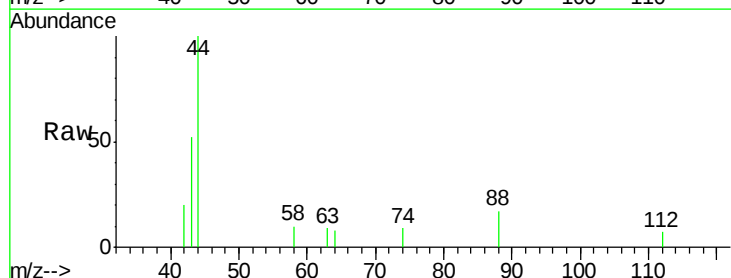
Tgt Ion: 42 Resp: 94

Ion Ratio Lower Upper

42 100

74 3.2 80.5 120.7#

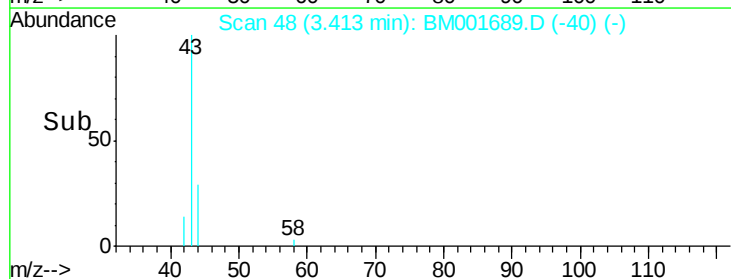
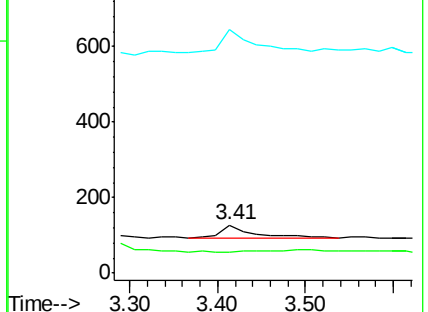
44 167.0 5.4 8.0#

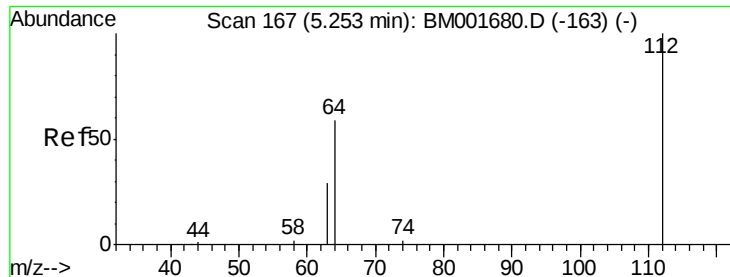


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 4.60 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

Instrument :

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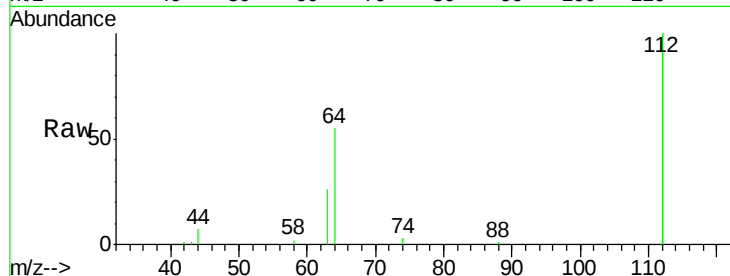
Tgt Ion: 112 Resp: 15436

Ion Ratio Lower Upper

112 100

64 68.4 54.9 82.3

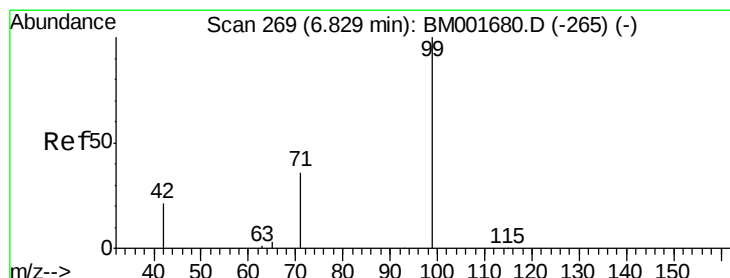
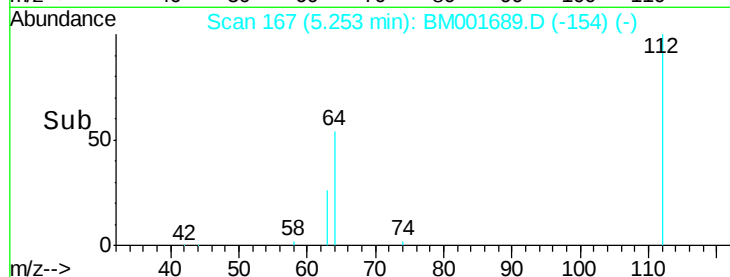
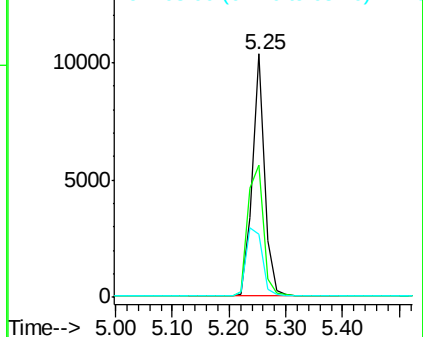
63 37.4 30.5 45.7



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: 3.31 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

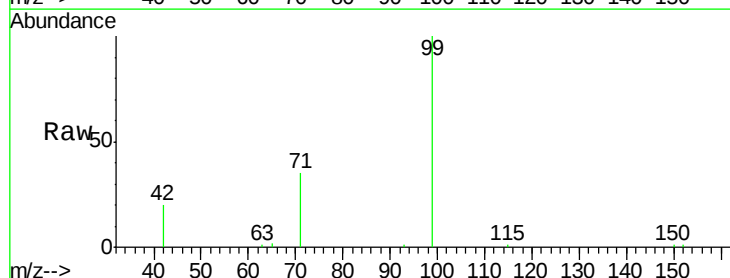
Tgt Ion: 99 Resp: 13983

Ion Ratio Lower Upper

99 100

42 25.0 21.0 31.6

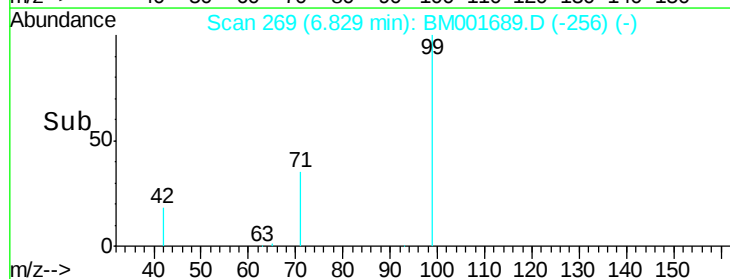
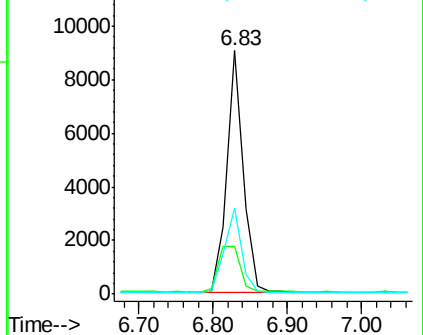
71 36.1 28.7 43.1

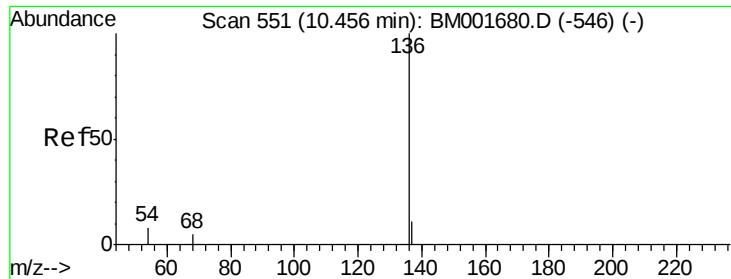


Abundance Ion 99.00 (98.70 to 99.70): BM0

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: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-D-B

Tgt Ion:136 Resp: 51067

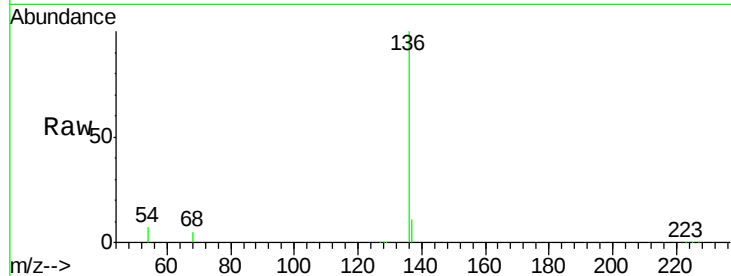
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.2 9.4

68 4.9 3.9 5.9

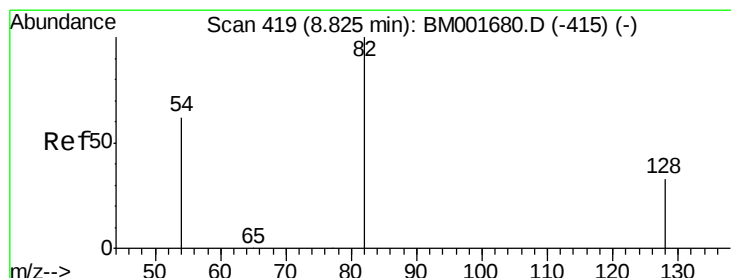
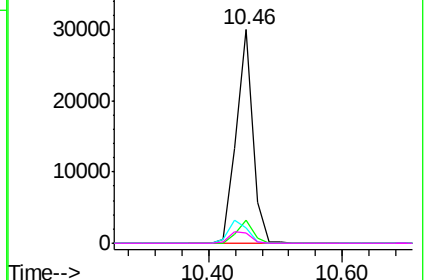
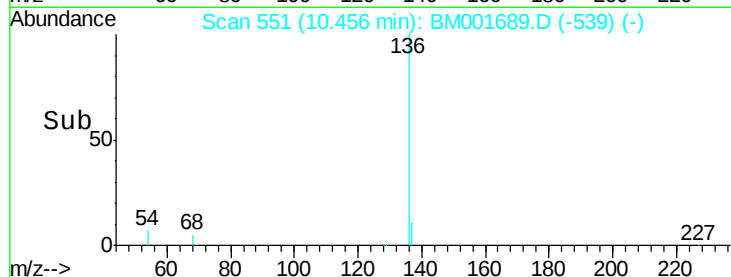


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.00 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

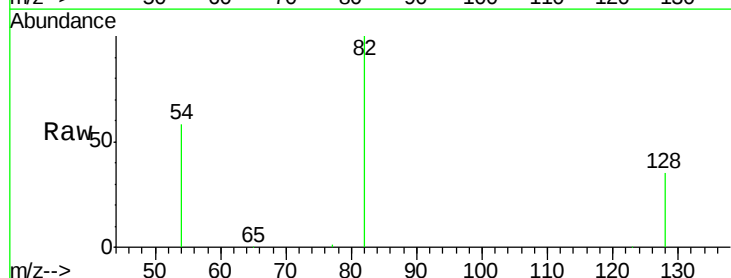
Tgt Ion: 82 Resp: 28176

Ion Ratio Lower Upper

82 100

128 35.1 27.6 41.4

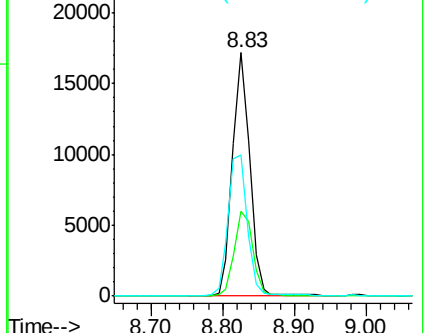
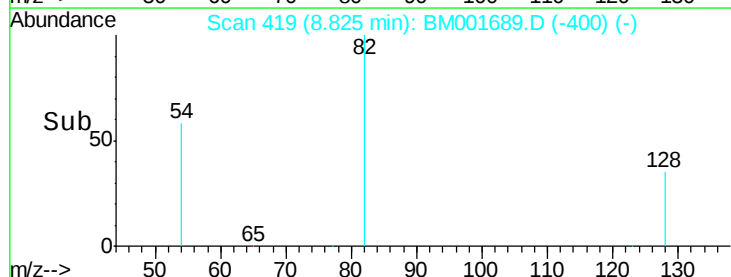
54 58.0 50.1 75.1

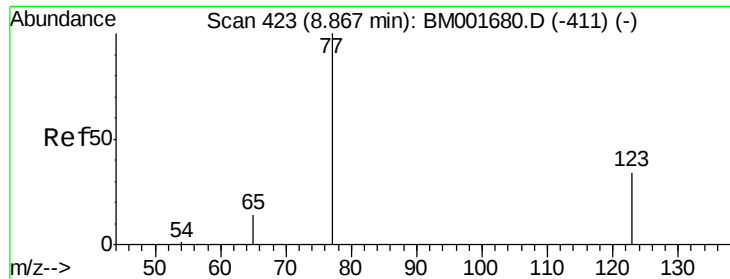


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

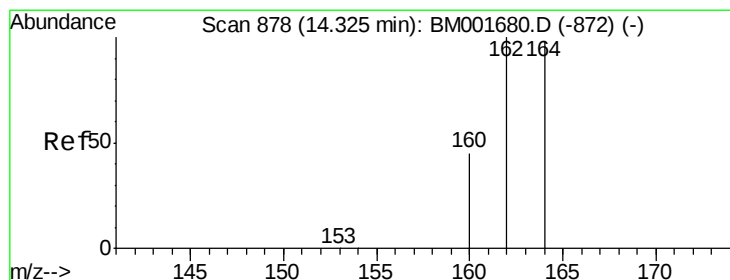
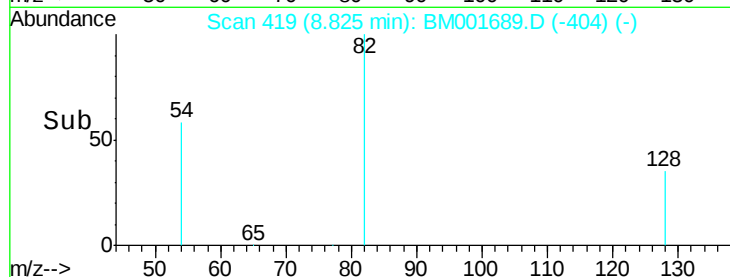
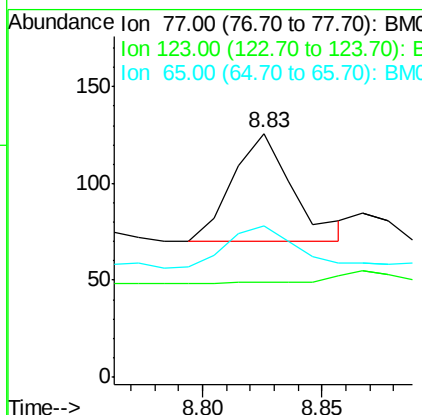
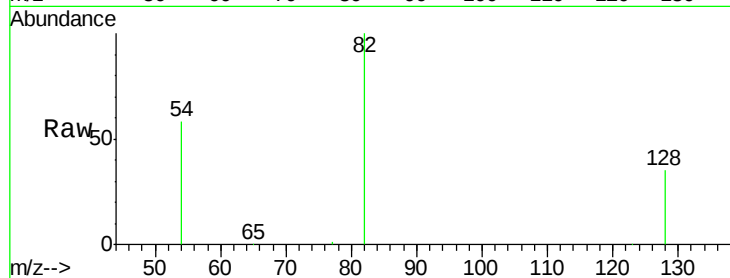




#8
 Nitrobenzene
 Concen: 0.02 ng
 RT: 8.83 min Scan# 419
 Delta R.T. -0.04 min
 Lab File: BM001689.D
 Acq: 13 Jun 2015 02:59

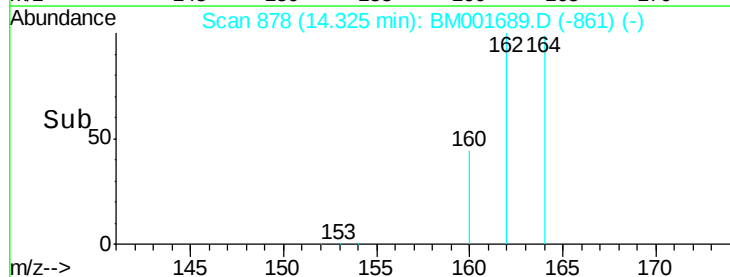
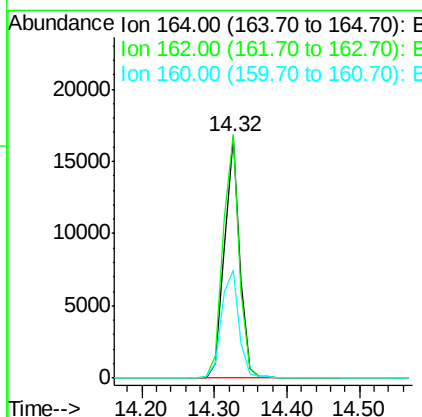
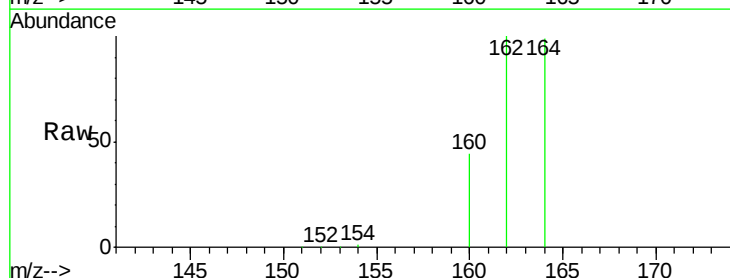
Instrument :
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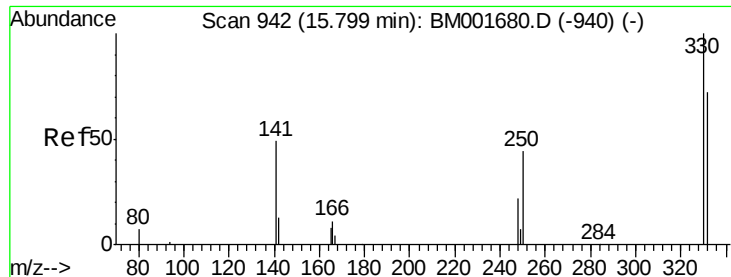
Tgt Ion: 77 Resp: 99
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.6 46.0#
 65 47.5 11.5 17.3#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.32 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BM001689.D
 Acq: 13 Jun 2015 02:59

Tgt Ion: 164 Resp: 24715
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.0 123.0
 160 44.6 36.6 55.0

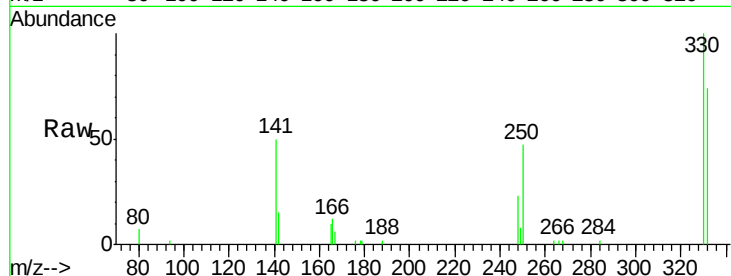




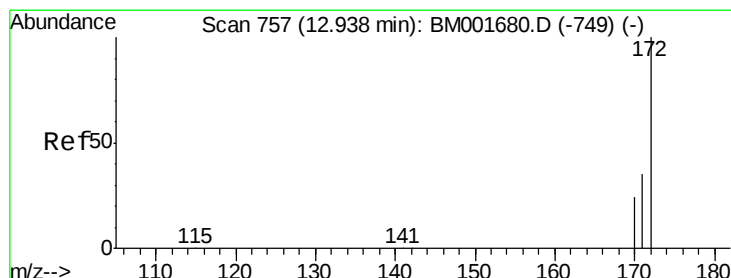
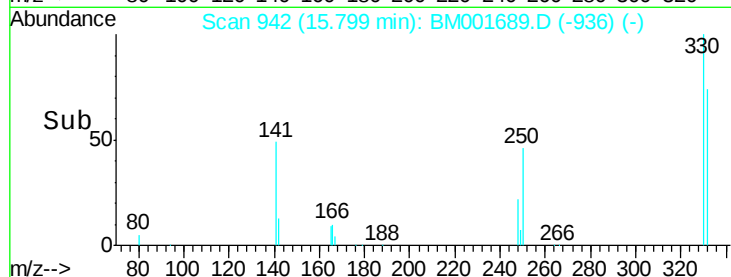
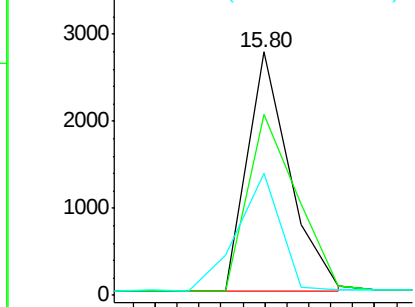
#13
 2,4,6-Tribromophenol
 Concen: 12.59 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001689.D
 Acq: 13 Jun 2015 02:59

Instrument :
 BNA_M
 ClientSampleId :
 061115-P22-F-D-B

Tgt Ion:330 Resp: 7276
 Ion Ratio Lower Upper
 330 100
 332 86.5 68.6 103.0
 141 50.7 39.0 58.4

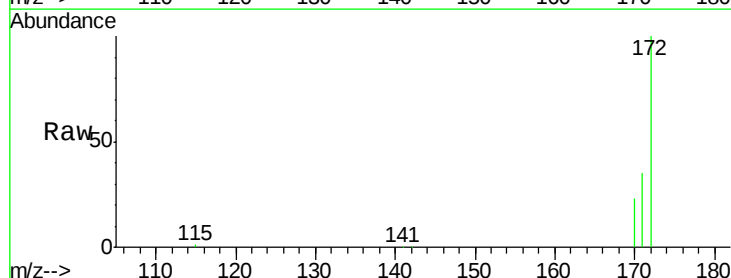


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

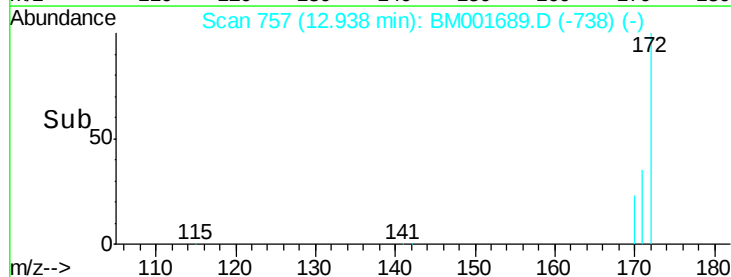
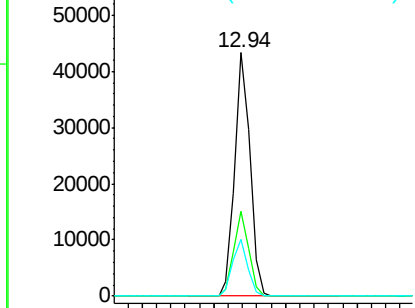


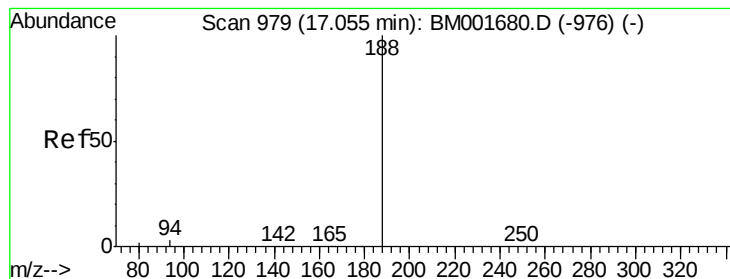
#14
 2-Fluorobiphenyl
 Concen: 7.20 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001689.D
 Acq: 13 Jun 2015 02:59

Tgt Ion:172 Resp: 63142
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 23.3 19.5 29.3



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-D-B

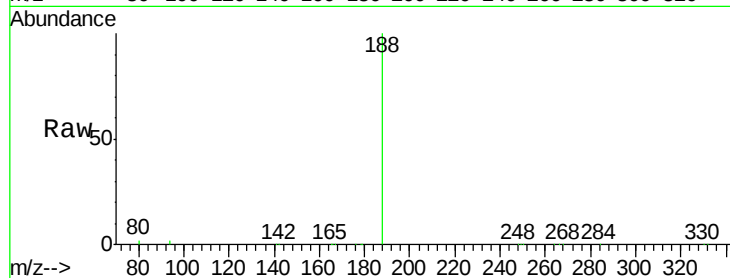
Tgt Ion:188 Resp: 80069

Ion Ratio Lower Upper

188 100

94 2.5 2.2 3.2

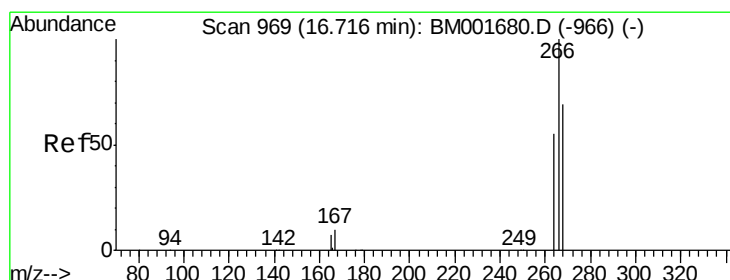
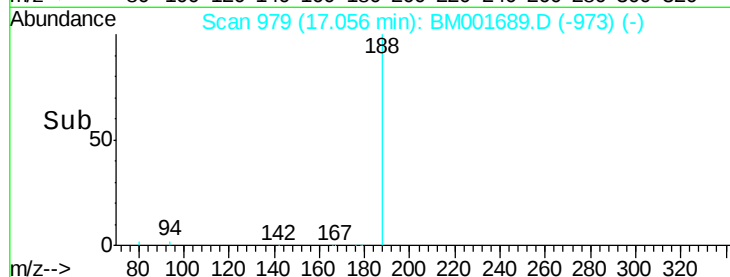
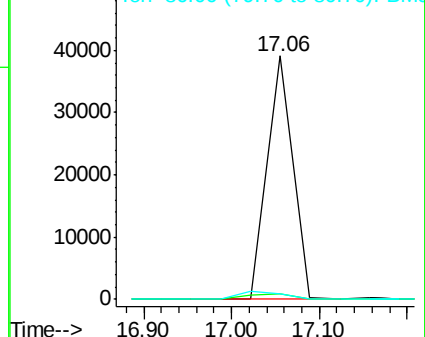
80 2.2 1.8 2.8



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



#21

Pentachlorophenol

Concen: 0.40 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

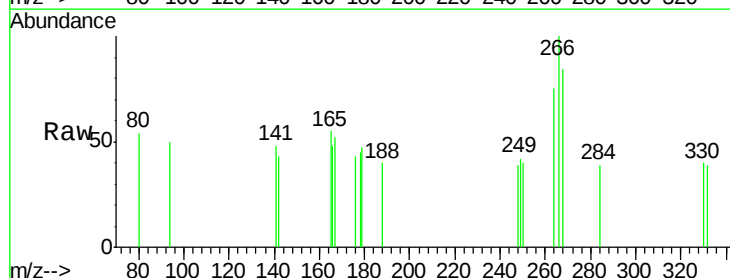
Tgt Ion:266 Resp: 169

Ion Ratio Lower Upper

266 100

268 84.0 57.2 85.8

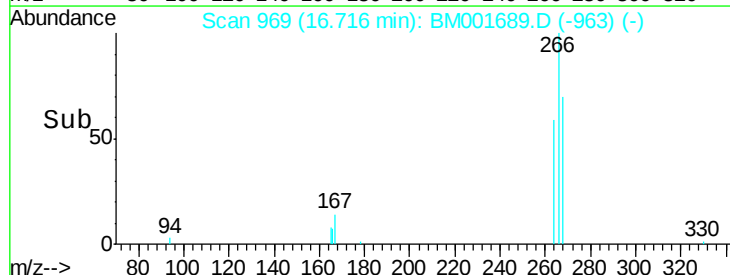
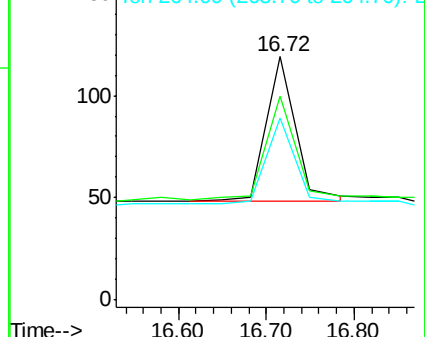
264 74.8 46.3 69.5#

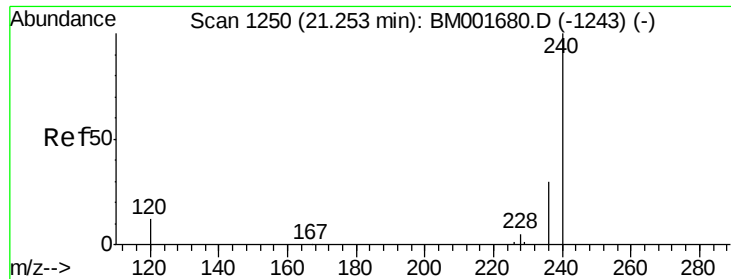


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001689.D

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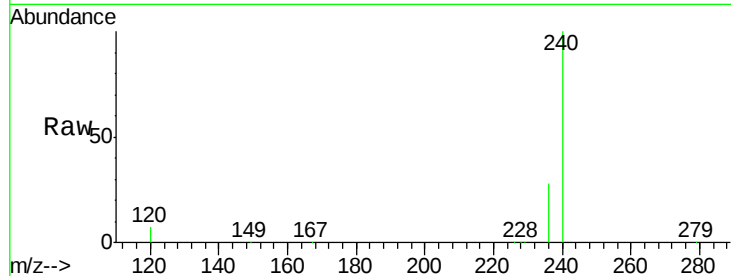
Tgt Ion:240 Resp: 45239

Ion Ratio Lower Upper

240 100

120 6.8 9.9 14.9#

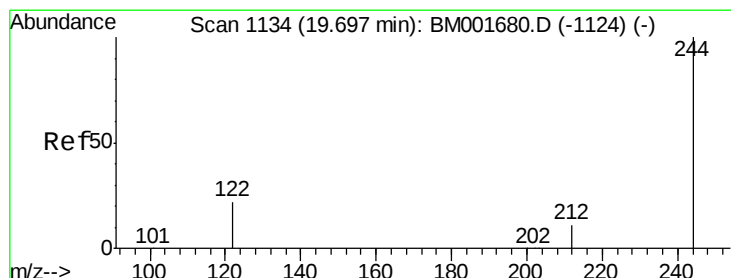
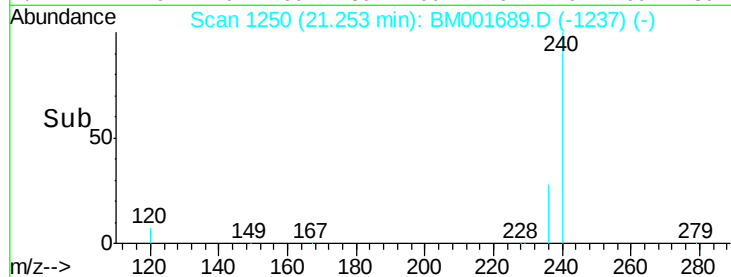
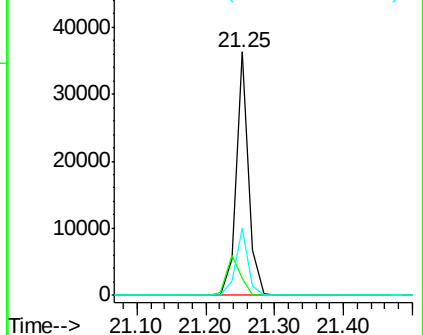
236 27.6 23.9 35.9



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: 8.11 ng

RT: 19.70 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

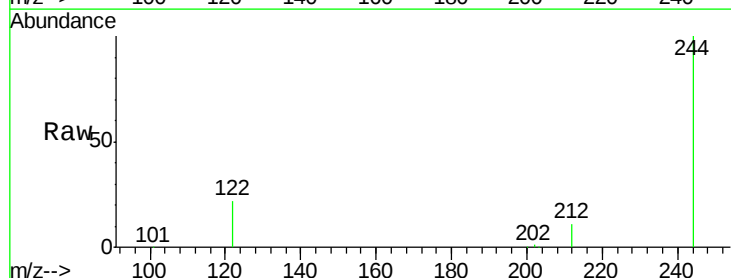
Tgt Ion:244 Resp: 54808

Ion Ratio Lower Upper

244 100

212 11.3 9.6 14.4

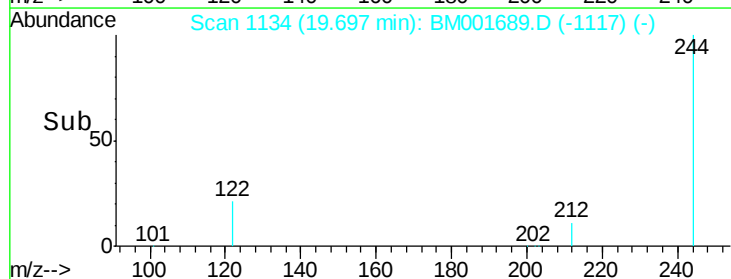
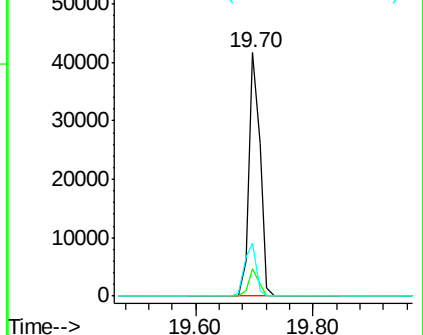
122 21.6 18.4 27.6

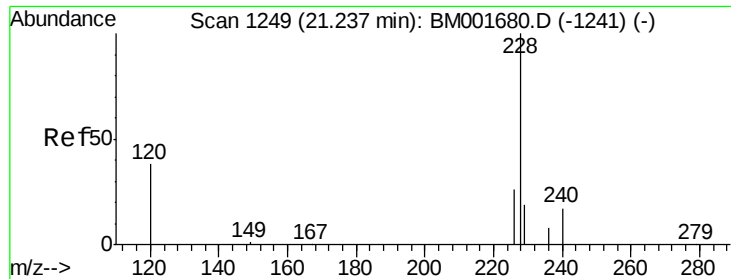


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.24 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-D-B

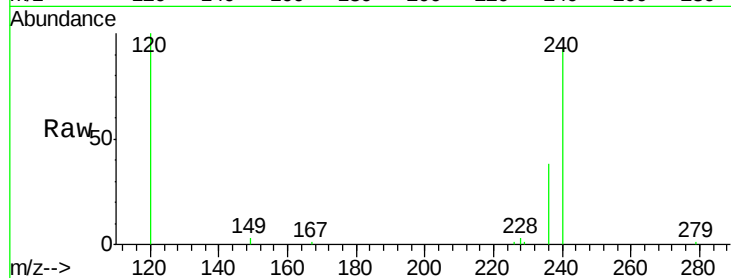
Tgt Ion:228 Resp: 483

Ion Ratio Lower Upper

228 100

226 41.3 21.0 31.4#

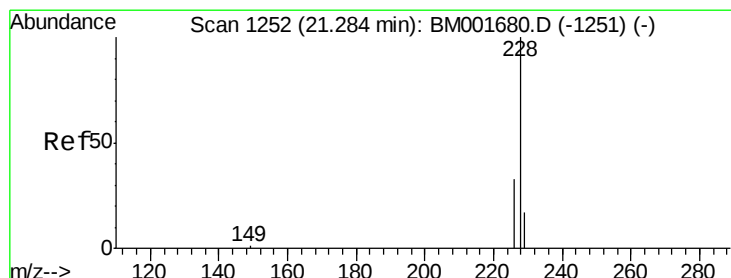
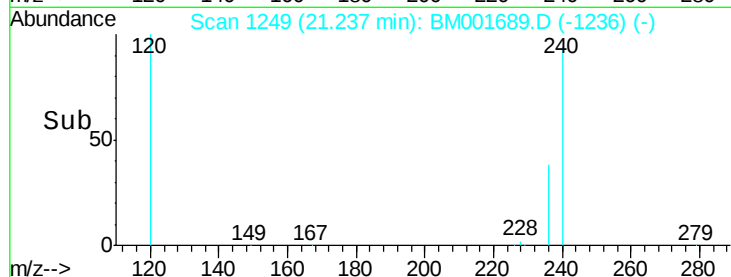
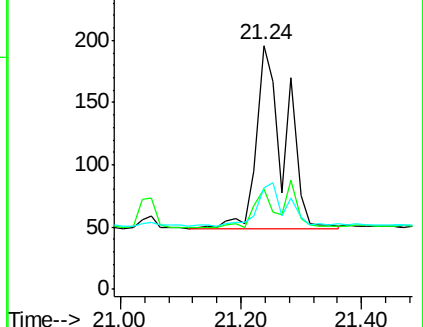
229 41.8 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Chrysene

Concen: 0.04 ng

RT: 21.24 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM001689.D

Acq: 13 Jun 2015 02:59

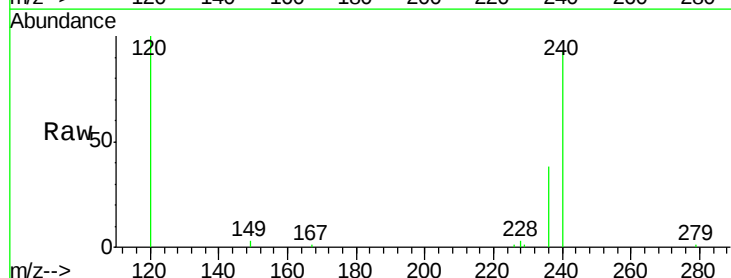
Tgt Ion:228 Resp: 489

Ion Ratio Lower Upper

228 100

226 41.3 27.4 41.0#

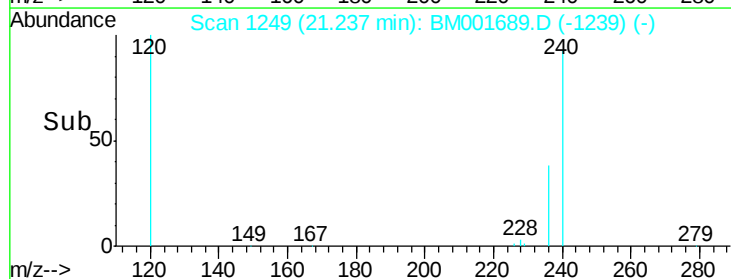
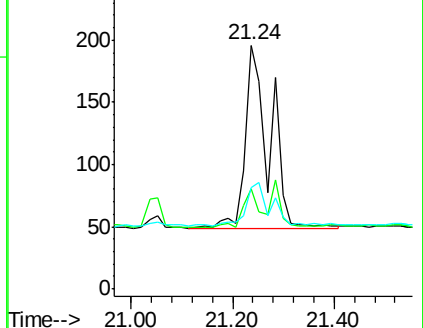
229 41.8 13.7 20.5#

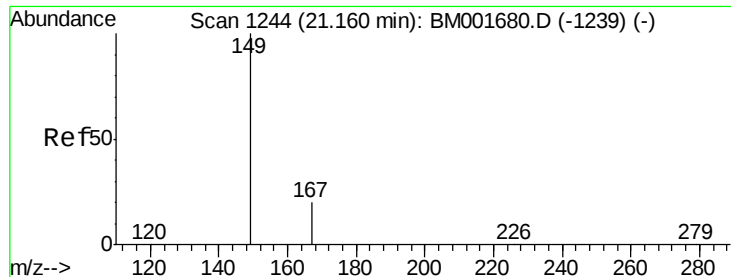


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

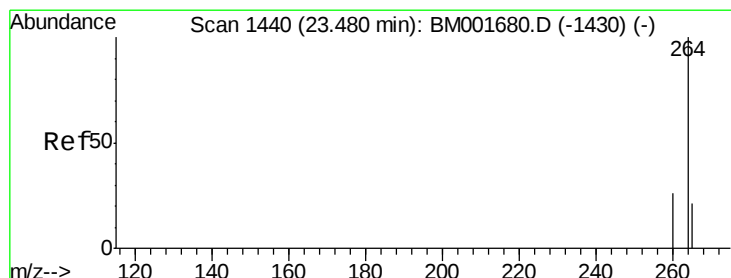
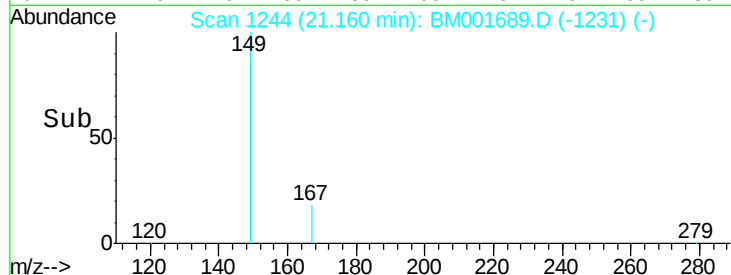
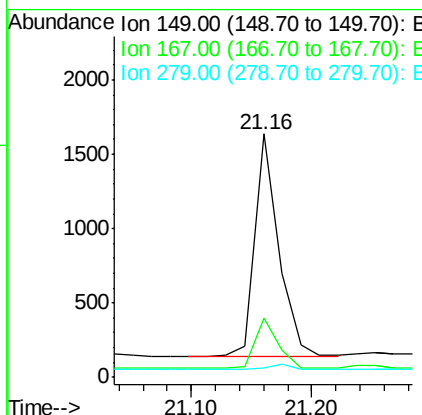
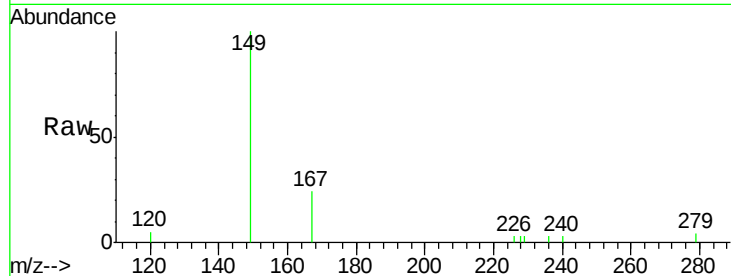




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.47 ng
 RT: 21.16 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BM001689.D
 Acq: 13 Jun 2015 02:59

Instrument :
 BNA_M
 ClientSampleId :
 061115-P22-F-D-B

Tgt Ion:149 Resp: 2073
 Ion Ratio Lower Upper
 149 100
 167 21.1 20.4 30.6
 279 2.3 1.7 2.5



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BM001689.D
 Acq: 13 Jun 2015 02:59

Tgt Ion:264 Resp: 41333
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.8 31.2
 265 20.8 17.3 25.9

