

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM113015\
 Data File : BM003329.D
 Acq On : 30 Nov 2015 21:23
 Operator : UM/IZ
 Sample : PB85646BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85646BL

Quant Time: Dec 01 02:49:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

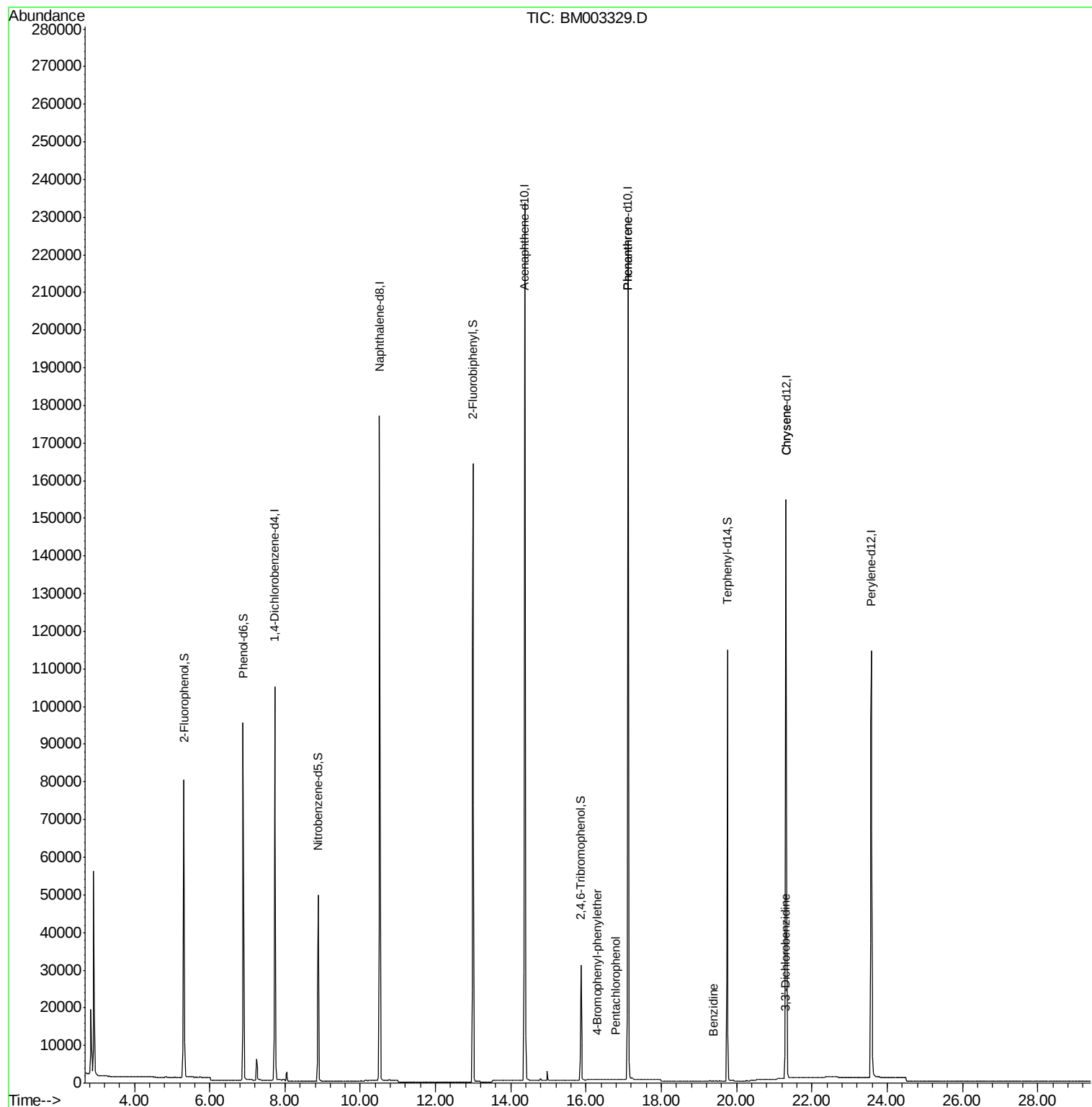
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	60683	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	248629	5.00	ng	-0.02
13) Acenaphthene-d10	14.37	164	137859	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	323937	5.00	ng	0.00
26) Chrysene-d12	21.31	240	174172	5.00	ng	-0.01
35) Perylene-d12	23.58	264	148931	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	88787	7.42	ng	0.00
5) Phenol-d6	6.88	99	111714	8.14	ng	-0.02
8) Nitrobenzene-d5	8.88	82	44816	4.05	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	22662	7.11	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	155658	3.50	ng	0.00
29) Terphenyl-d14	19.76	244	120894	4.98	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.30	248	5	0.21	ng	# 6
22) Pentachlorophenol	16.78	266	83	0.11	ng	# 74
23) Phenanthrene	17.11	178	218	0.10	ng	# 1
27) Benzidine	19.38	184	105	0.12	ng	# 1
31) 3,3'-Dichlorobenzidine	21.29	252	94	0.17	ng	# 67
32) Chrysene	21.31	228	754	0.02	ng	# 73
33) Bis(2-ethylhexyl)phthalate	21.23	149	294	Below Cal		# 90

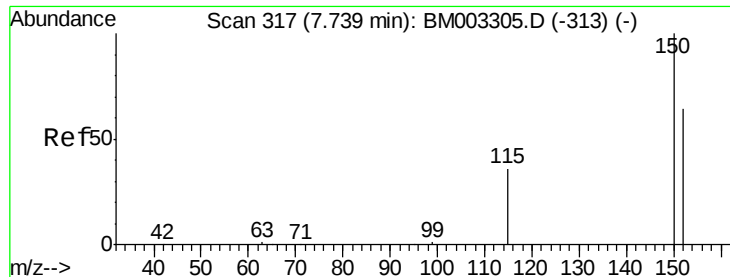
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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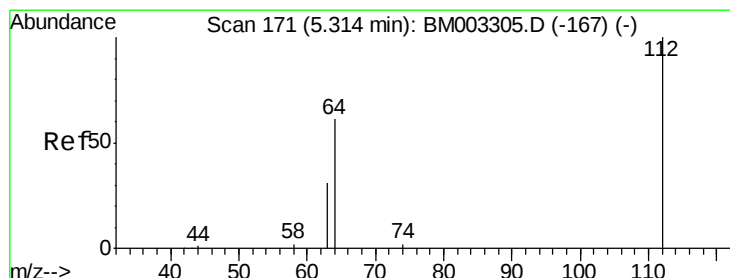
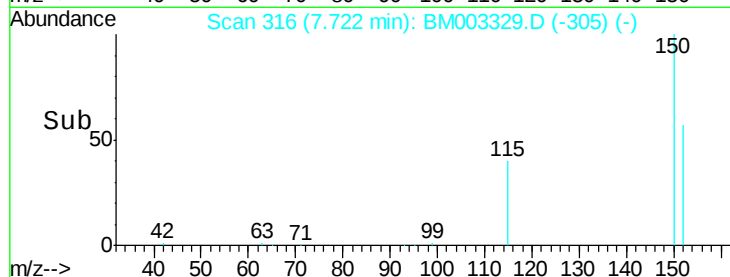
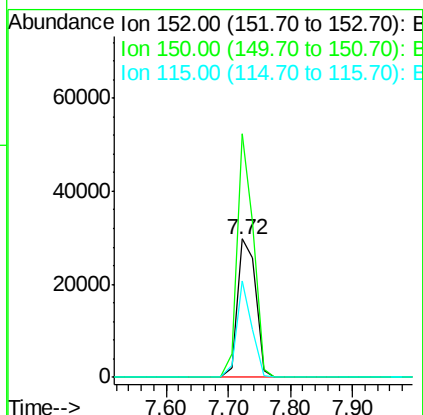
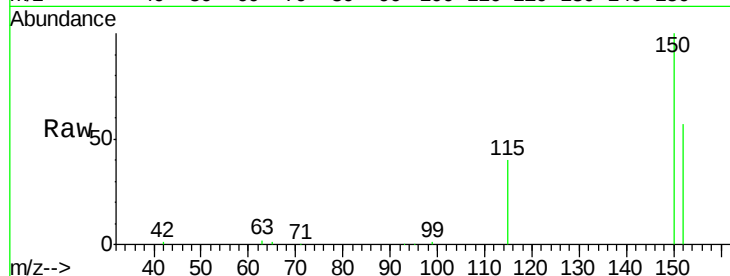


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003329.D
Acq: 30 Nov 2015 21:23

Instrument :
BNA_M
ClientSampleId :
PB85646BL

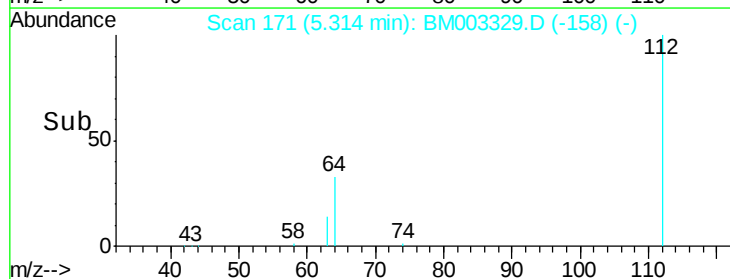
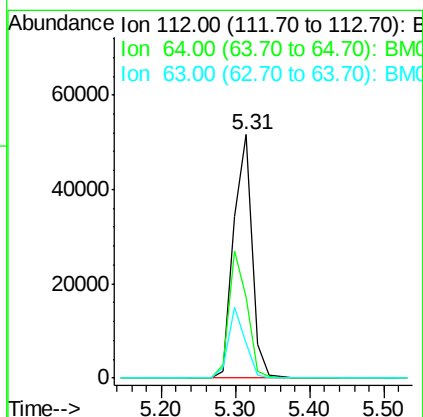
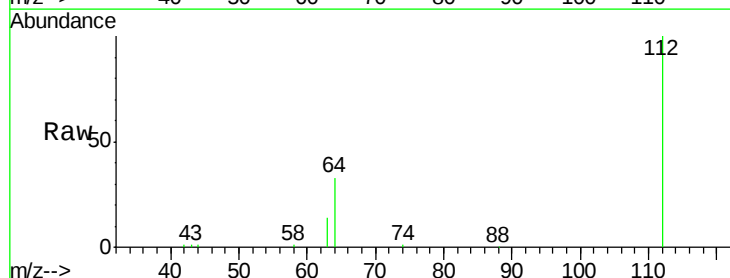
Tgt Ion:152 Resp: 60683
Ion Ratio Lower Upper
152 100
150 175.7 143.6 215.4
115 69.7 58.5 87.7

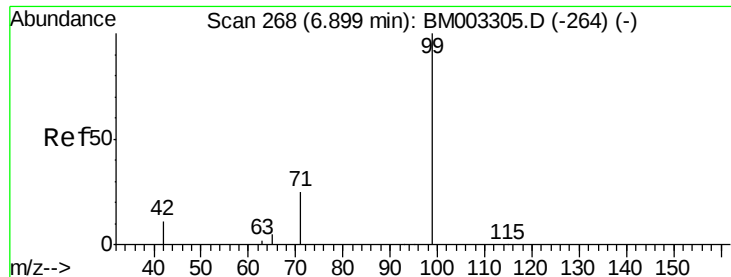


#4

2-Fluorophenol
Concen: 7.42 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003329.D
Acq: 30 Nov 2015 21:23

Tgt Ion:112 Resp: 88787
Ion Ratio Lower Upper
112 100
64 50.9 41.2 61.8
63 26.4 21.2 31.8





#5

Phenol-d6

Concen: 8.14 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.02 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Instrument :

BNA_M

ClientSampleId :

PB85646BL

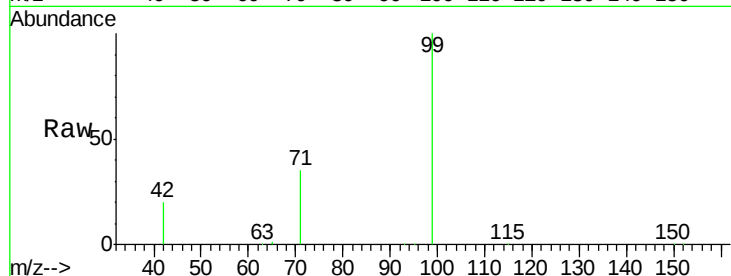
Tgt Ion: 99 Resp: 111714

Ion Ratio Lower Upper

99 100

42 17.4 14.6 22.0

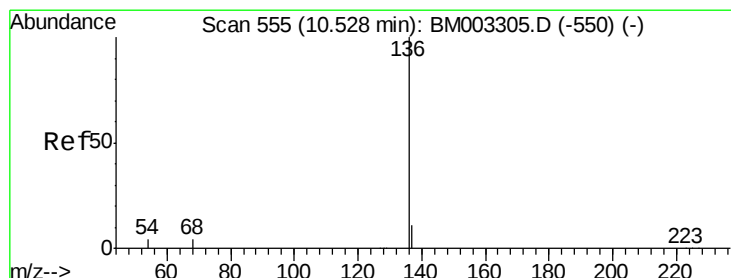
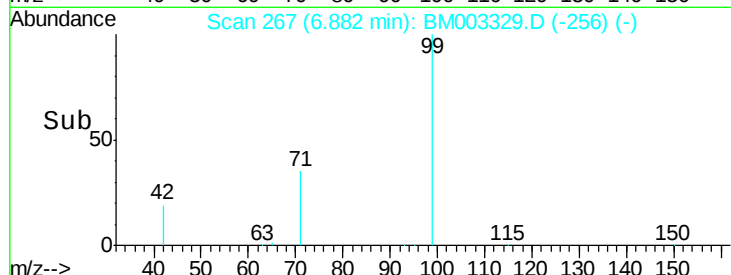
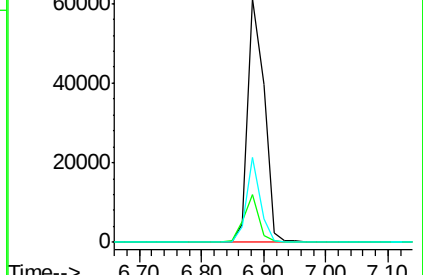
71 29.1 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003329.D (-267) (-)

Ion 42.00 (41.70 to 42.70): BM003329.D (-267) (-)

Ion 71.00 (70.70 to 71.70): BM003329.D (-267) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.02 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Tgt Ion: 136 Resp: 248629

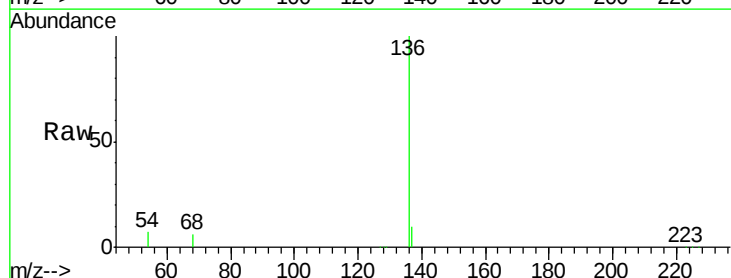
Ion Ratio Lower Upper

136 100

137 10.4 8.0 12.0

54 6.8 7.4 11.0#

68 5.6 5.8 8.6#

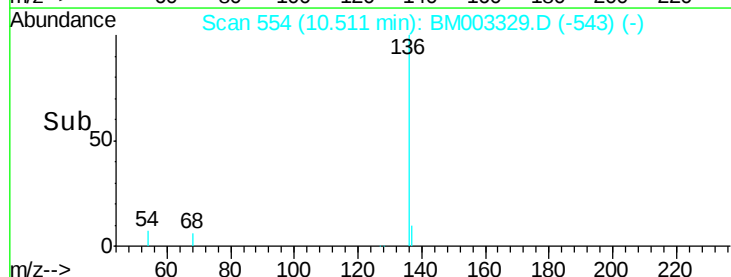
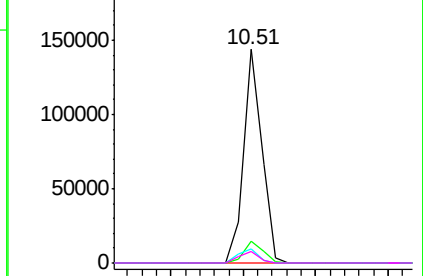


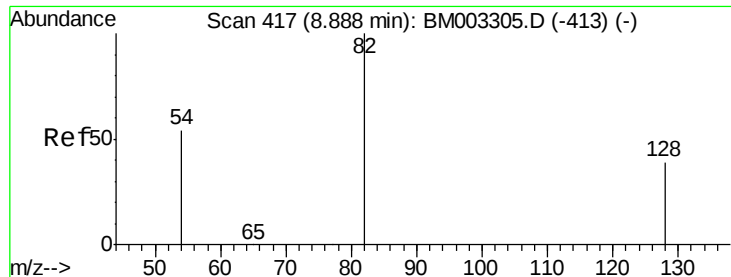
Abundance Ion 136.00 (135.70 to 136.70): BM003329.D (-554) (-)

Ion 137.00 (136.70 to 137.70): BM003329.D (-554) (-)

Ion 54.00 (53.70 to 54.70): BM003329.D (-554) (-)

Ion 68.00 (67.70 to 68.70): BM003329.D (-554) (-)





#8

Nitrobenzene-d5

Concen: 4.05 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Instrument :

BNA_M

ClientSampleId :

PB85646BL

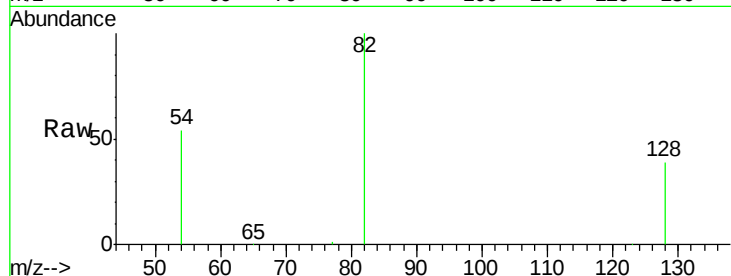
Tgt Ion: 82 Resp: 44816

Ion Ratio Lower Upper

82 100

128 39.3 35.2 52.8

54 53.9 36.4 54.6



Abundance Ion 82.00 (81.70 to 82.70): BM003329.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM003329.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM003329.D (-398) (-)

8.88

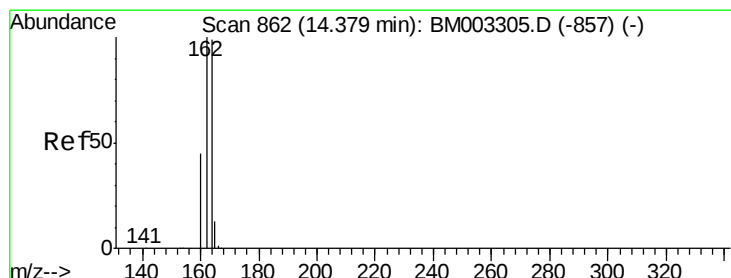
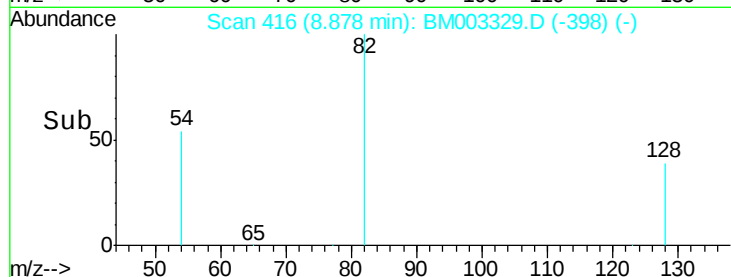
20000

10000

0

Time-->

8.80 8.90 9.00 9.10



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

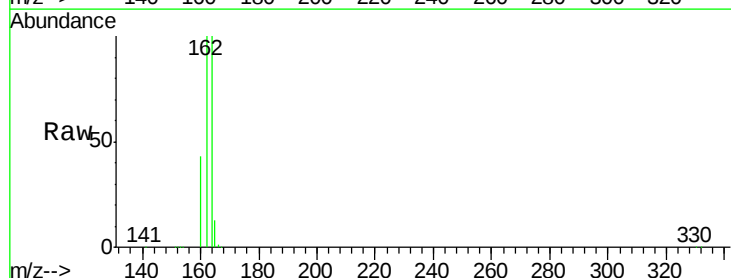
Tgt Ion: 164 Resp: 137859

Ion Ratio Lower Upper

164 100

162 99.6 78.3 117.5

160 43.4 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): BM003329.D (-853) (-)

Ion 162.00 (161.70 to 162.70): BM003329.D (-853) (-)

Ion 160.00 (159.70 to 160.70): BM003329.D (-853) (-)

14.37

120000

100000

80000

60000

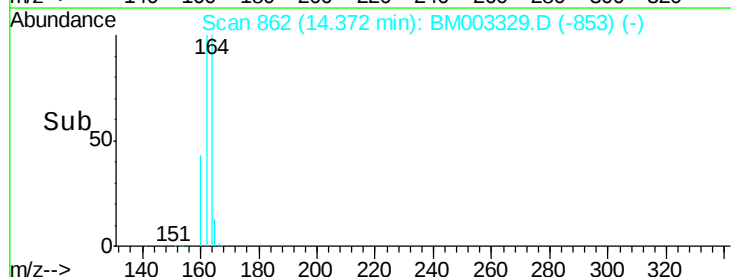
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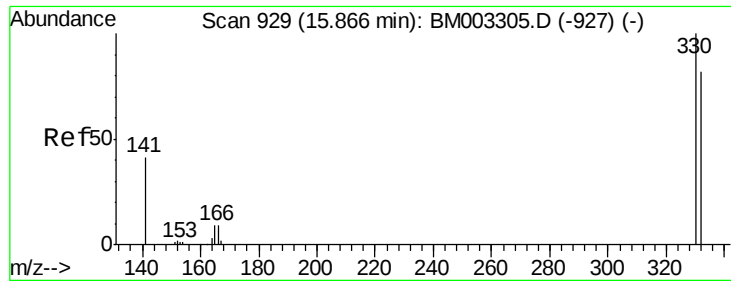
20000

0

Time-->

14.20 14.40

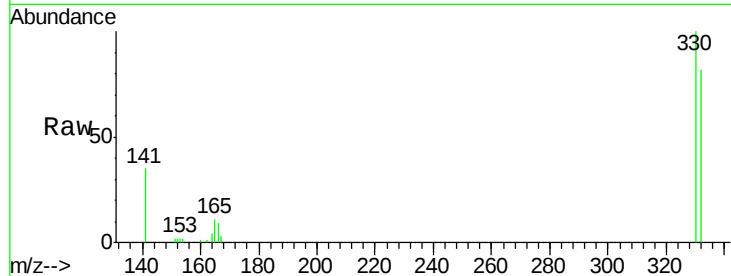




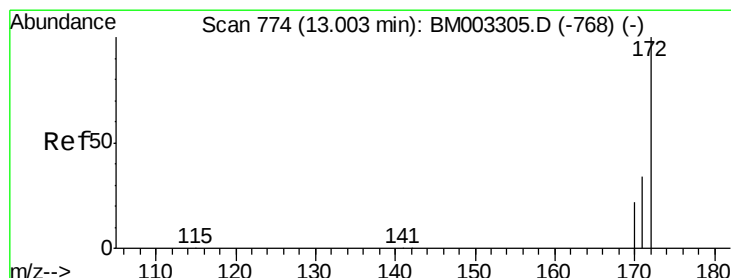
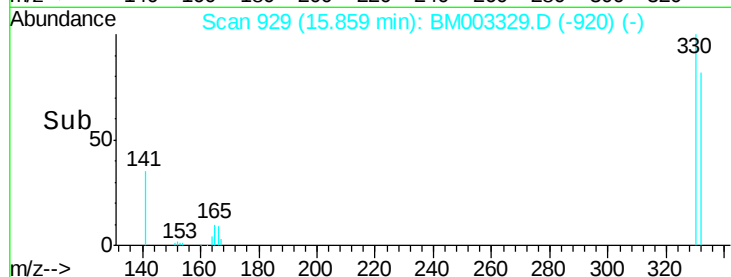
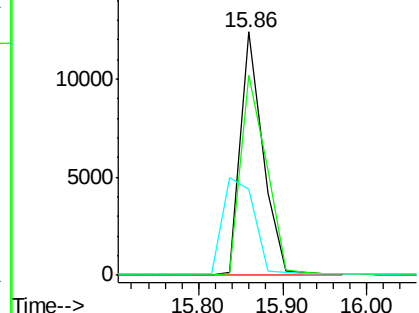
#14
 2,4,6-Tribromophenol
 Concen: 7.11 ng
 RT: 15.86 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM003329.D
 Acq: 30 Nov 2015 21:23

Instrument :
 BNA_M
 ClientSampleId :
 PB85646BL

Tgt Ion:330 Resp: 22662
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.0 114.0
 141 0.0 0.0 0.0

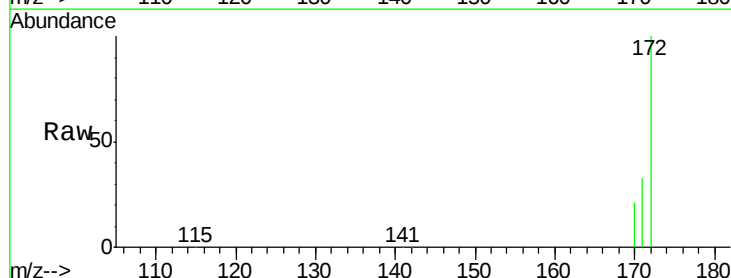


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

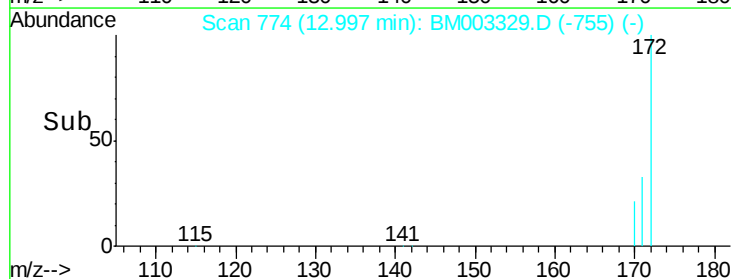
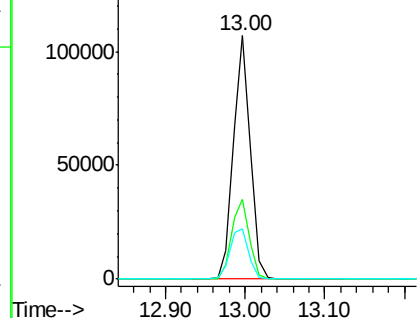


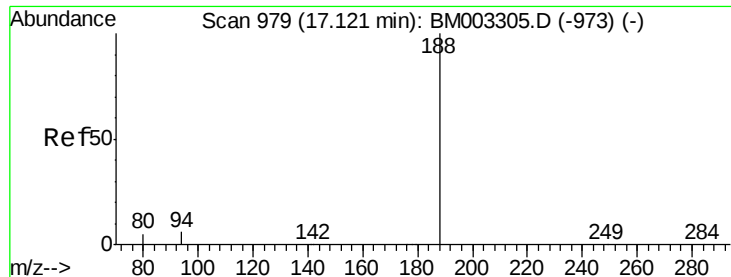
#15
 2-Fluorobiphenyl
 Concen: 3.50 ng
 RT: 13.00 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM003329.D
 Acq: 30 Nov 2015 21:23

Tgt Ion:172 Resp: 155658
 Ion Ratio Lower Upper
 172 100
 171 32.6 28.0 42.0
 170 20.7 18.9 28.3



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Instrument :

BNA_M

ClientSampleId :

PB85646BL

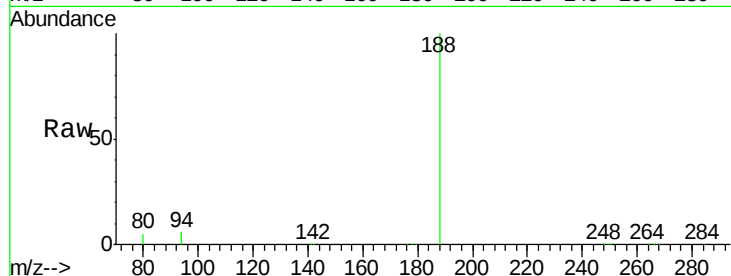
Tgt Ion:188 Resp: 323937

Ion Ratio Lower Upper

188 100

94 5.5 1.8 2.6#

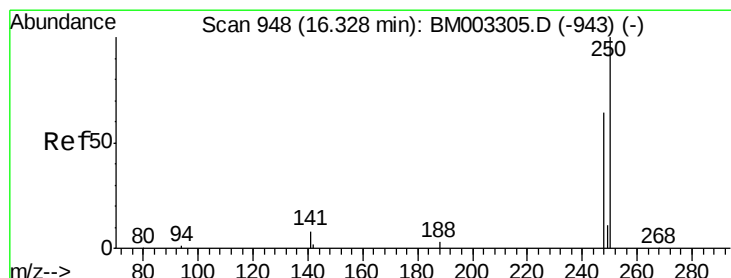
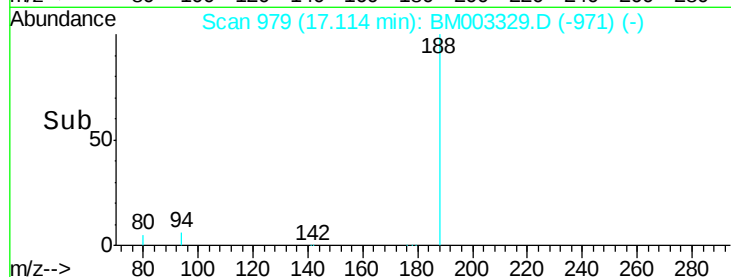
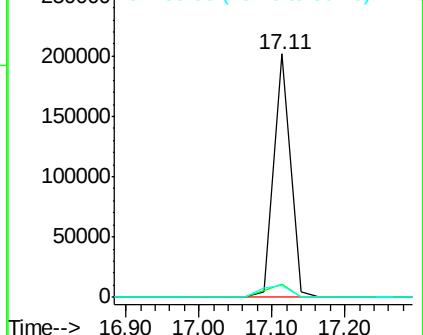
80 4.7 1.4 2.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.21 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

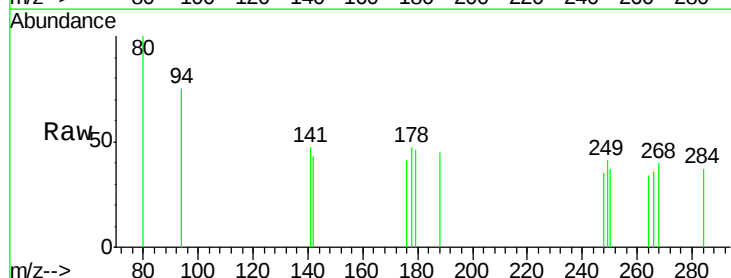
Tgt Ion:248 Resp: 5

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

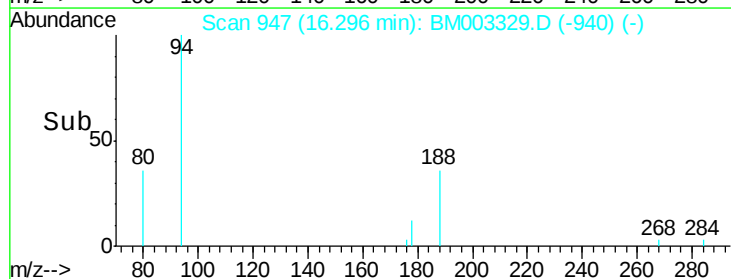
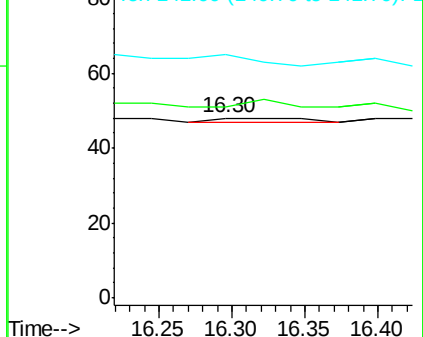
141 0.0 72.8 109.2#

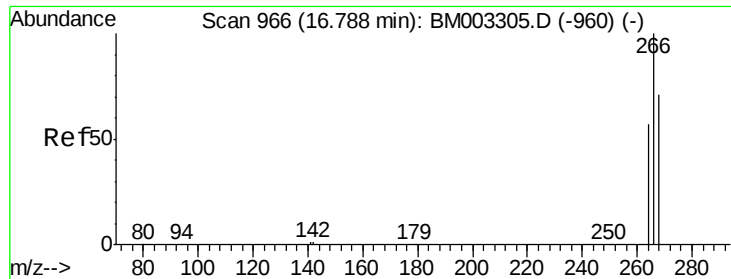


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.11 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

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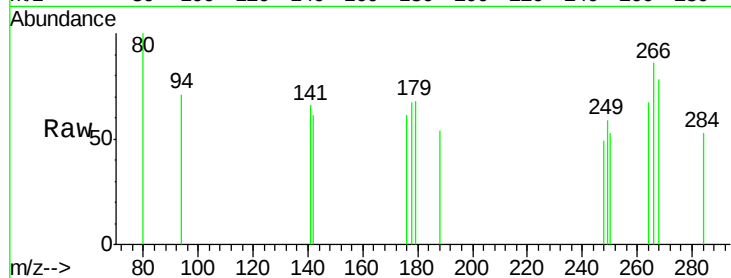
Tgt Ion:266 Resp: 83

Ion Ratio Lower Upper

266 100

268 91.6 45.8 68.8#

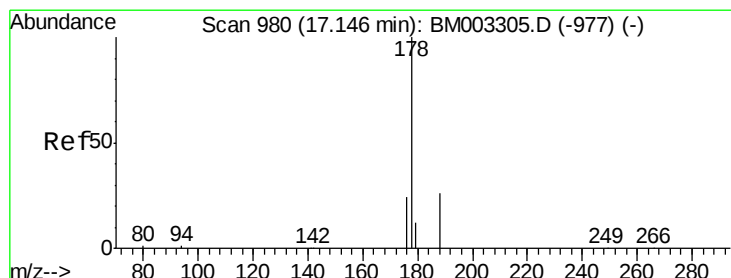
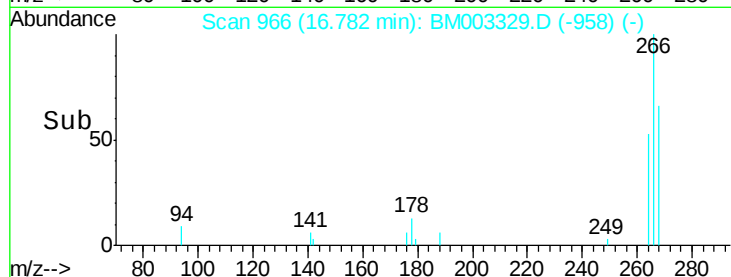
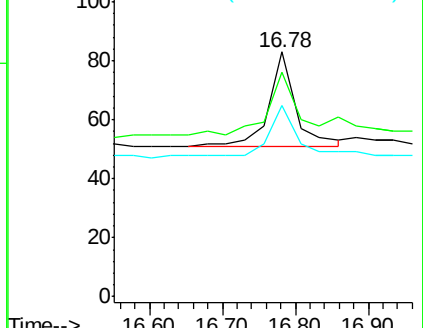
264 78.3 56.7 85.1



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



#23

Phenanthrene

Concen: 0.10 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.03 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

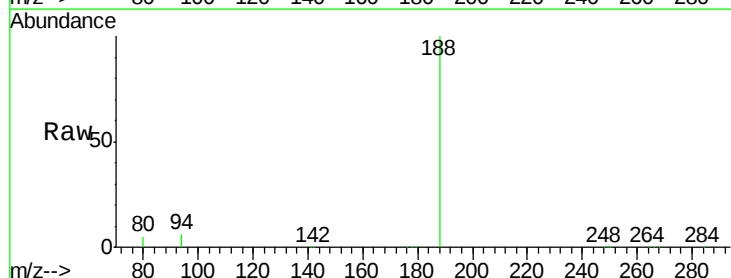
Tgt Ion:178 Resp: 218

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

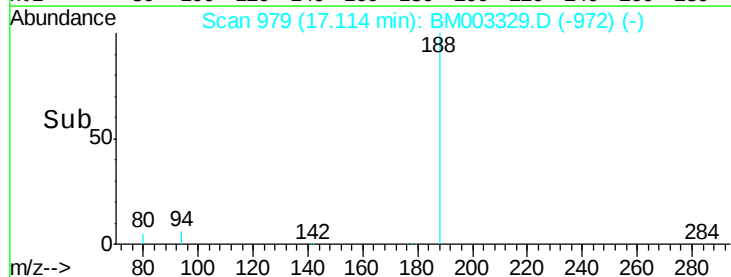
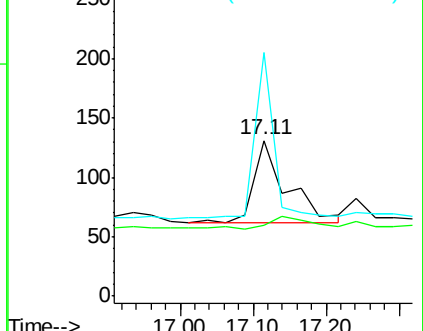
179 117.0 11.7 17.5#

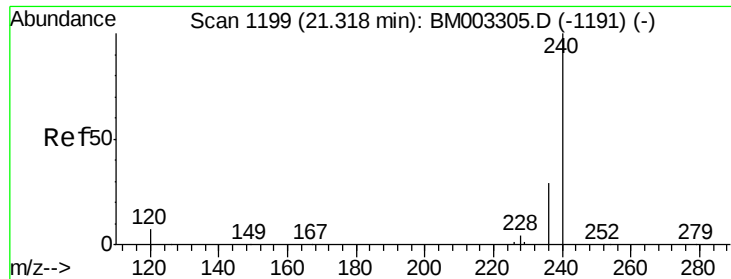


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003329.D

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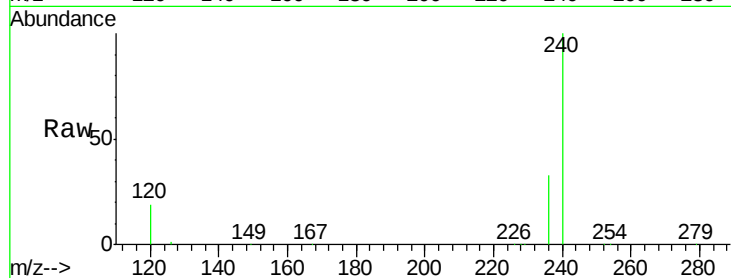
Tgt Ion:240 Resp: 174172

Ion Ratio Lower Upper

240 100

120 19.3 1.0 1.4#

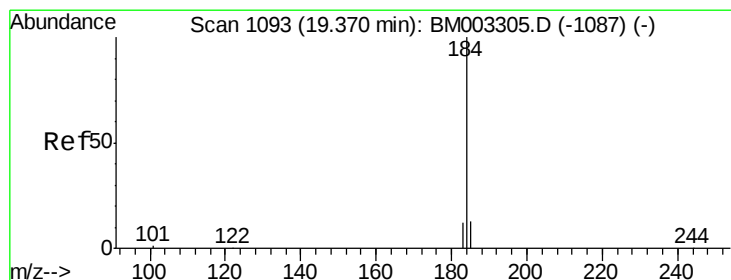
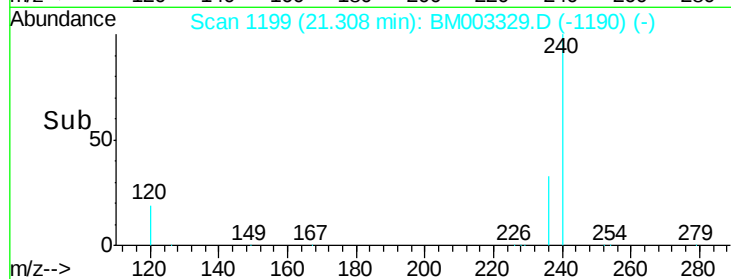
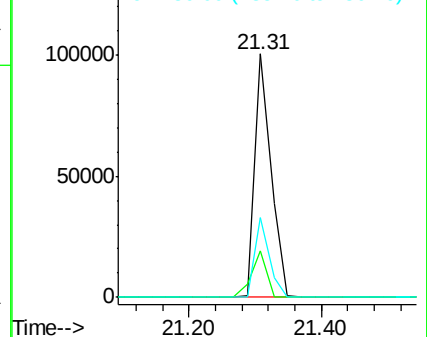
236 32.8 17.9 26.9#



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

Benzidine

Concen: 0.12 ng

RT: 19.38 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

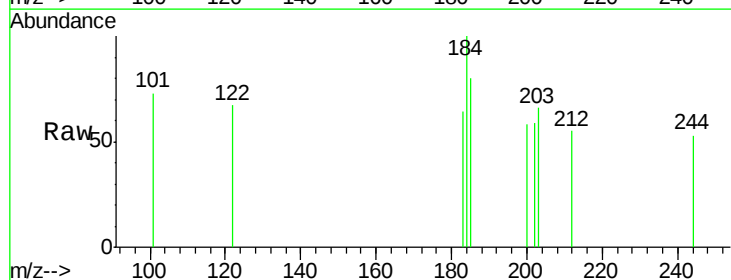
Tgt Ion:184 Resp: 105

Ion Ratio Lower Upper

184 100

185 80.4 11.6 17.4#

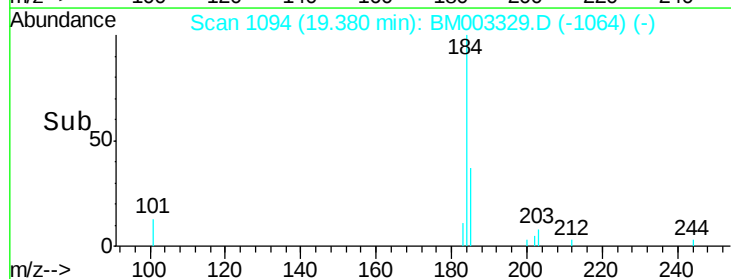
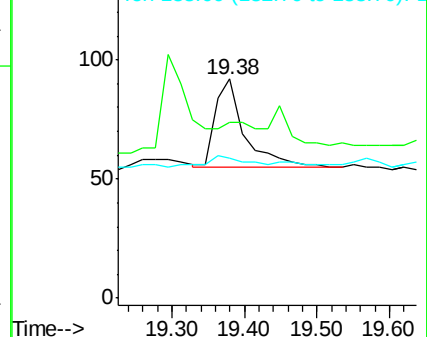
183 64.1 8.6 13.0#

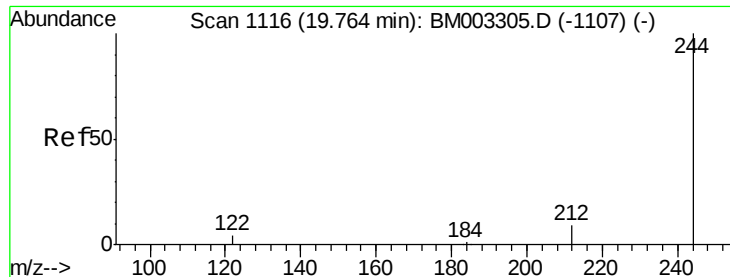


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#29

Terphenyl-d14

Concen: 4.98 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Instrument :

BNA_M

ClientSampleId :

PB85646BL

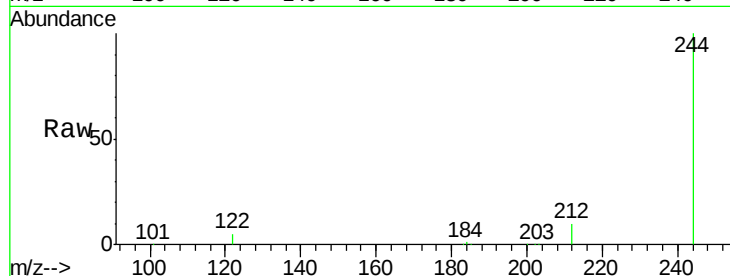
Tgt Ion:244 Resp: 120894

Ion Ratio Lower Upper

244 100

212 9.7 6.5 9.7#

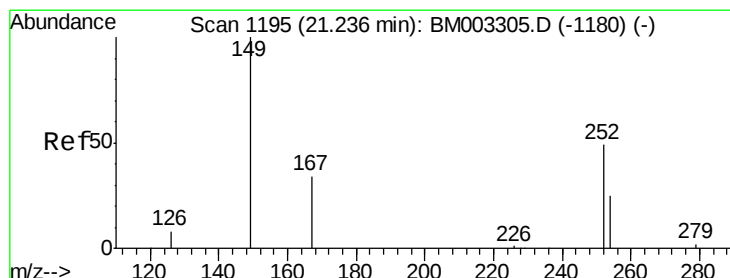
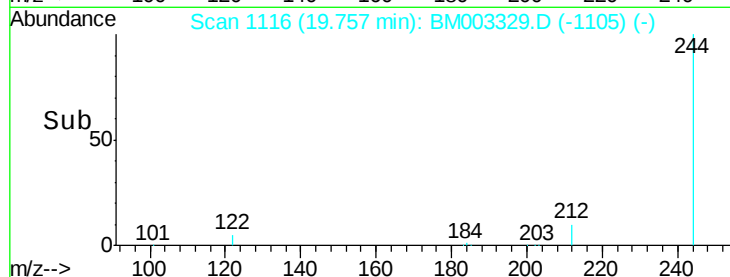
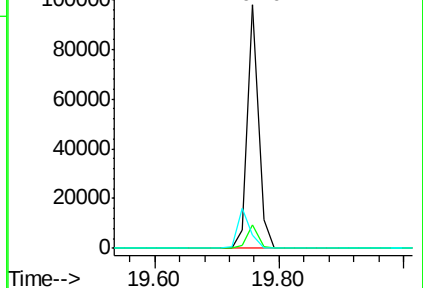
122 5.4 2.0 3.0#



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



#31

3,3'-Dichlorobenzidine

Concen: 0.17 ng

RT: 21.29 min Scan# 1198

Delta R.T. 0.05 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

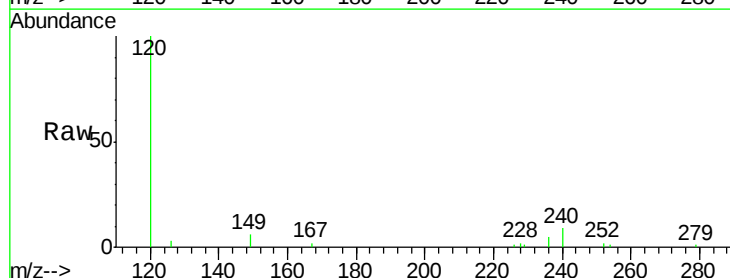
Tgt Ion:252 Resp: 94

Ion Ratio Lower Upper

252 100

254 71.1 53.7 80.5

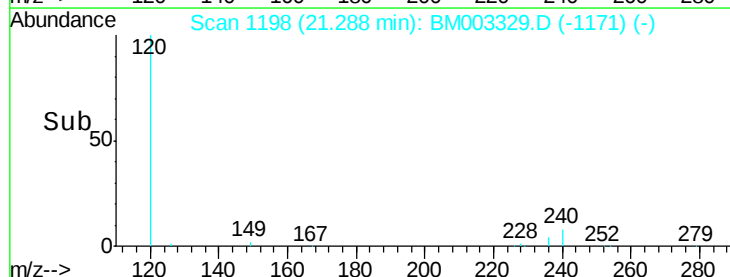
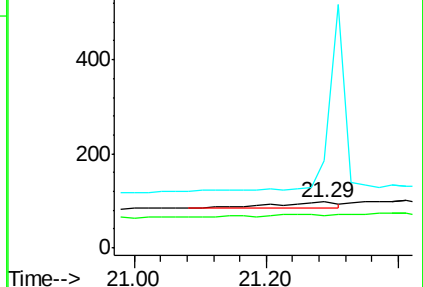
126 190.7 2.8 4.2#

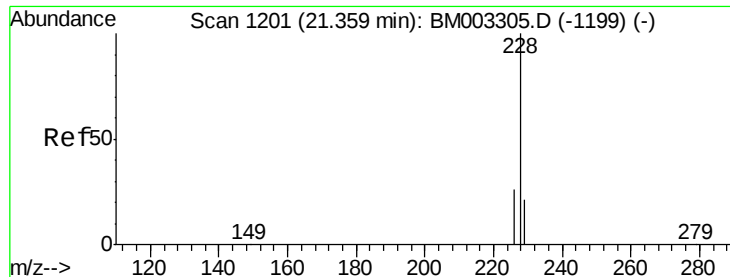


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.02 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.05 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Instrument :

BNA_M

ClientSampleId :

PB85646BL

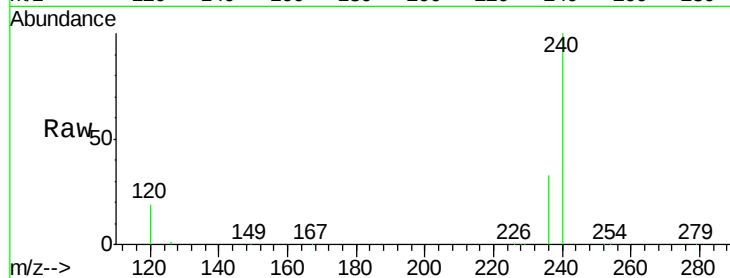
Tgt Ion:228 Resp: 754

Ion Ratio Lower Upper

228 100

226 19.0 25.5 38.3#

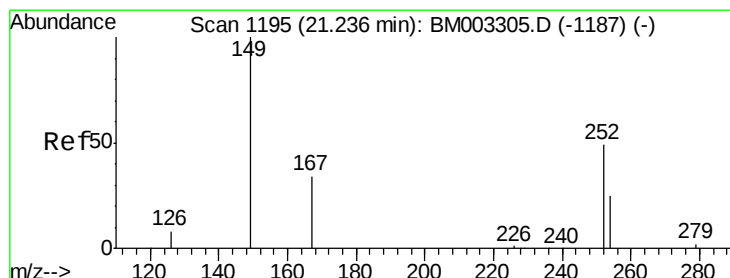
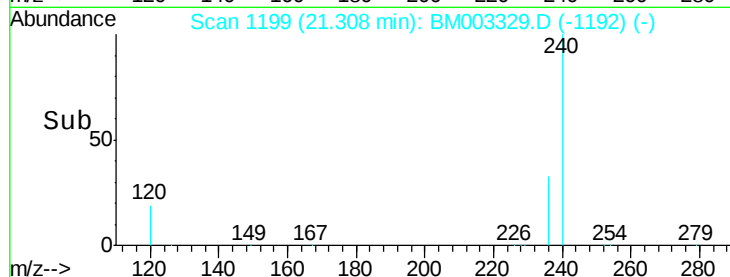
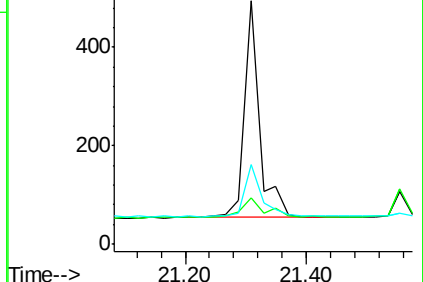
229 33.0 14.3 21.5#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

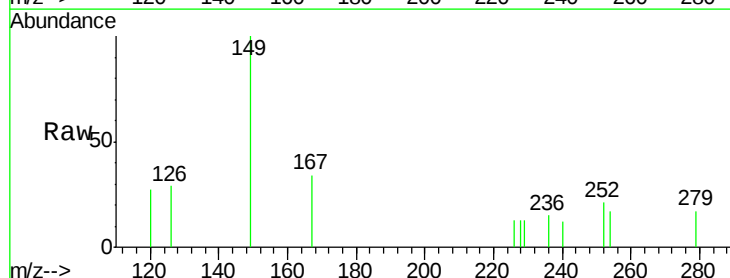
Tgt Ion:149 Resp: 294

Ion Ratio Lower Upper

149 100

167 19.7 19.6 29.4

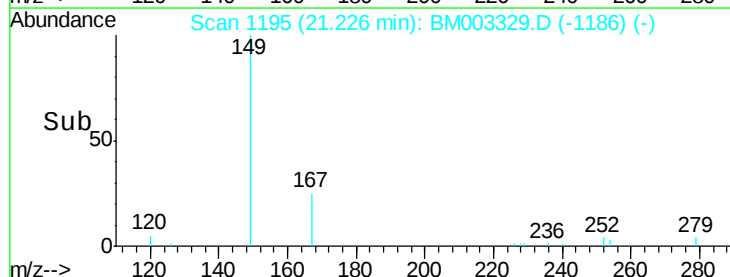
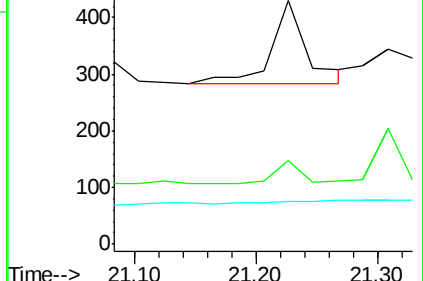
279 0.0 0.0 0.0

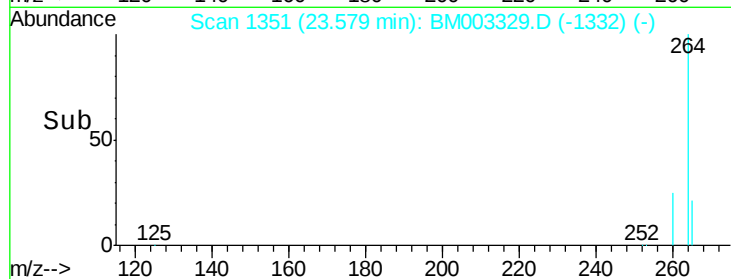
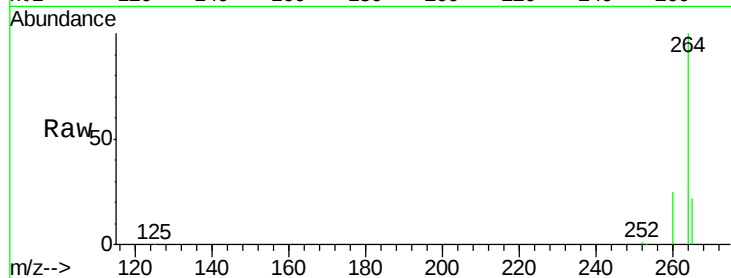
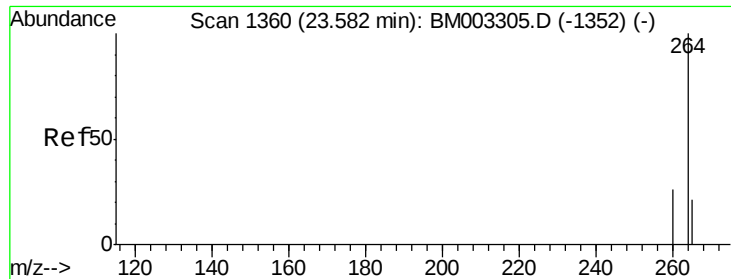


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.58 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BM003329.D

Acq: 30 Nov 2015 21:23

Instrument :

BNA_M

ClientSampleId :

PB85646BL

Tgt Ion: 264 Resp: 148931

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 22.0 18.4 27.6

