

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM113015\
 Data File : BM003330.D
 Acq On : 30 Nov 2015 21:58
 Operator : UM/IZ
 Sample : PB85645BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85645BL

Quant Time: Dec 01 02:50:11 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

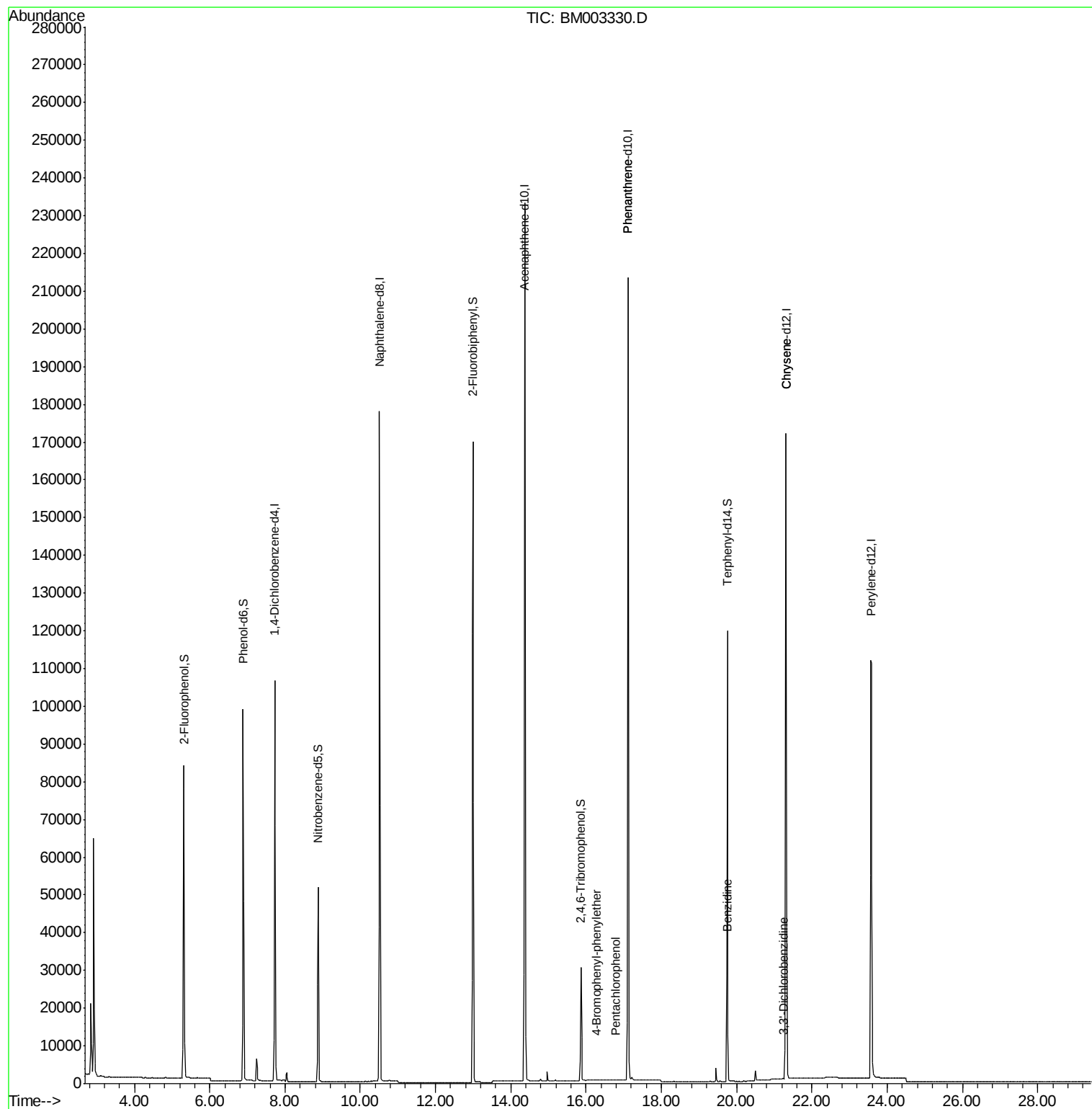
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	60600	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	246994	5.00	ng	-0.02
13) Acenaphthene-d10	14.37	164	137707	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	307106	5.00	ng	0.00
26) Chrysene-d12	21.31	240	185861	5.00	ng	-0.01
35) Perylene-d12	23.57	264	156371	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	90589	7.58	ng	0.00
5) Phenol-d6	6.88	99	115189	8.40	ng	-0.02
8) Nitrobenzene-d5	8.88	82	46251	4.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	22911	7.19	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	160491	3.61	ng	0.00
29) Terphenyl-d14	19.76	244	125429	4.84	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.27	248	5	0.21	ng	# 6
22) Pentachlorophenol	16.78	266	46	0.10	ng	# 67
23) Phenanthrene	17.11	178	196	0.10	ng	# 1
27) Benzdine	19.74	184	2646	0.46	ng	# 90
31) 3,3'-Dichlorobenzidine	21.25	252	262	0.19	ng	# 71
32) Chrysene	21.31	228	743	0.02	ng	# 70

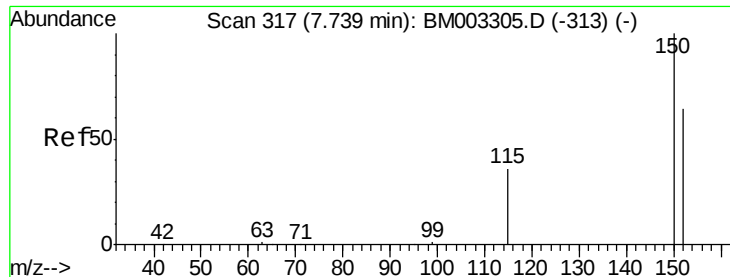
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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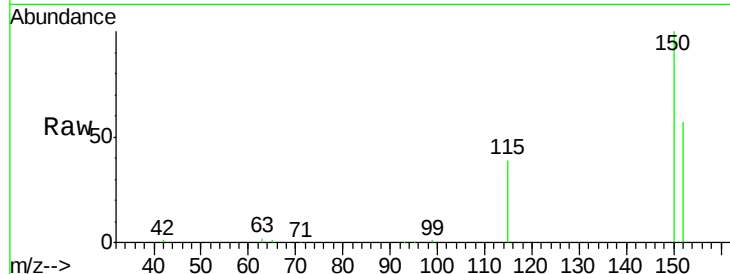


#1

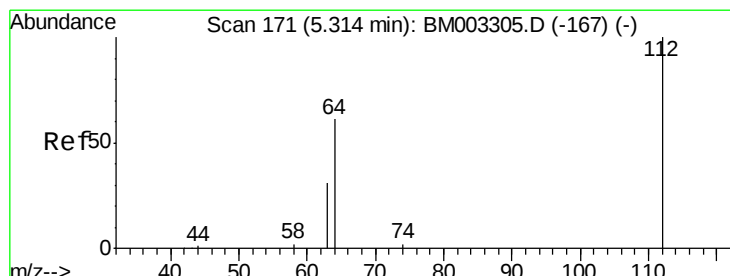
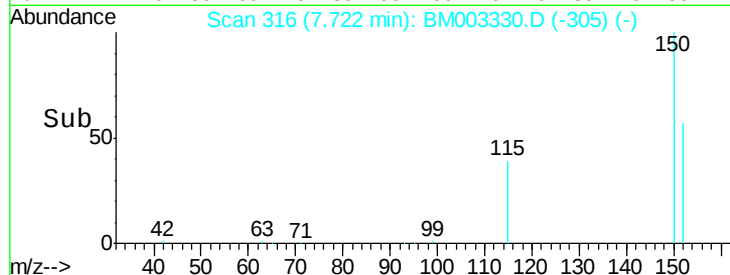
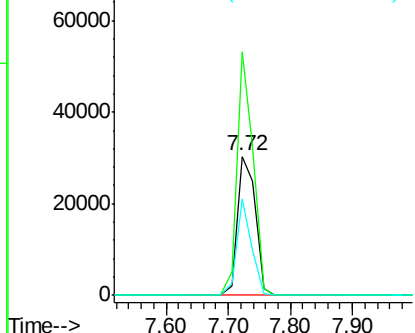
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.02 min
Lab File: BM003330.D
Acq: 30 Nov 2015 21:58

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:152 Resp: 60600
Ion Ratio Lower Upper
152 100
150 175.2 143.6 215.4
115 69.2 58.5 87.7



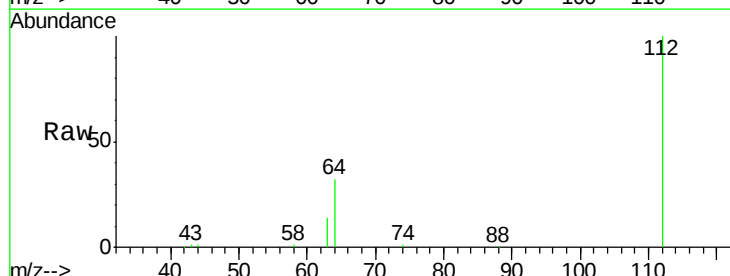
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



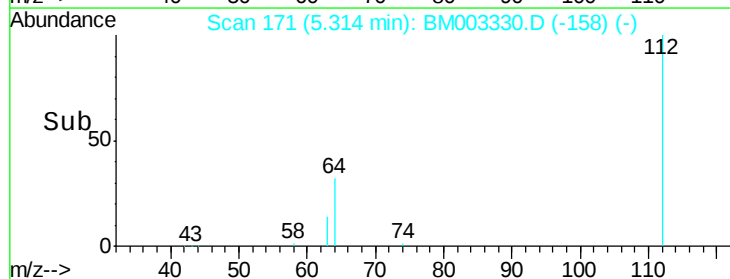
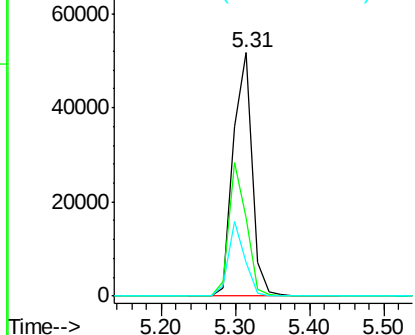
#4

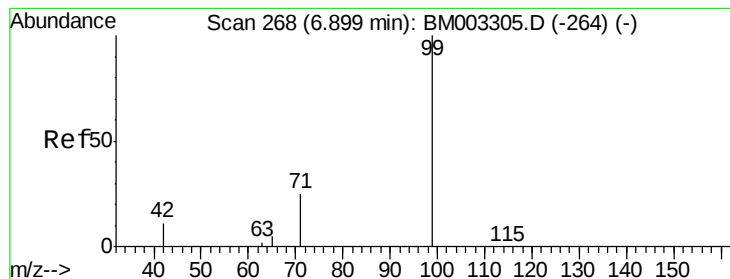
2-Fluorophenol
Concen: 7.58 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003330.D
Acq: 30 Nov 2015 21:58

Tgt Ion:112 Resp: 90589
Ion Ratio Lower Upper
112 100
64 51.4 41.2 61.8
63 26.6 21.2 31.8



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: 8.40 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.02 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

Instrument :

BNA_M

ClientSampleId :

PB85645BL

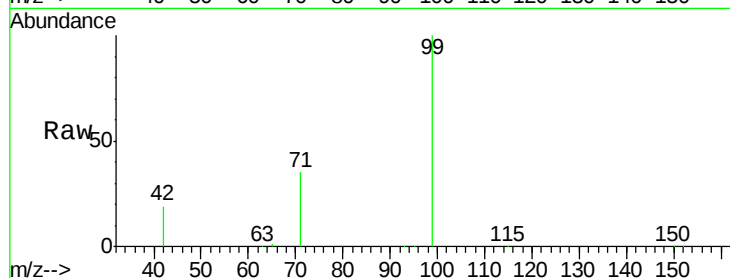
Tgt Ion: 99 Resp: 115189

Ion Ratio Lower Upper

99 100

42 17.5 14.6 22.0

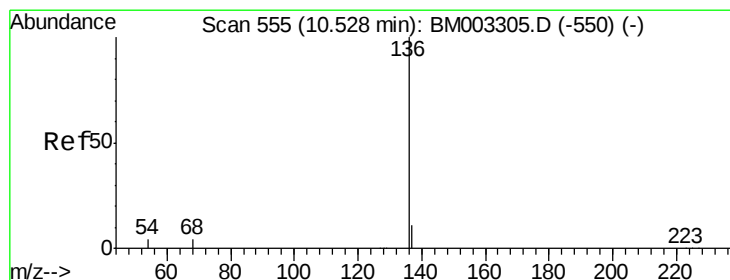
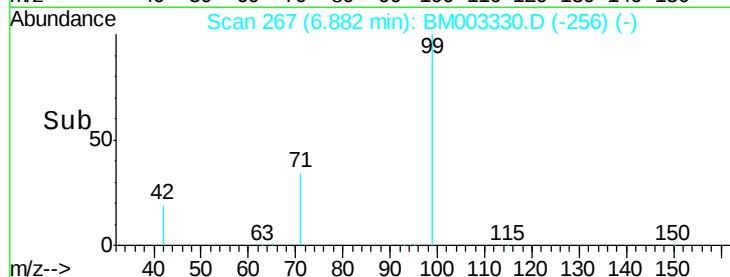
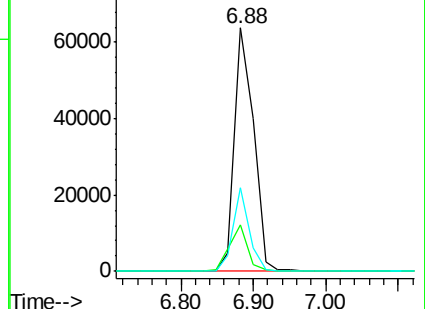
71 29.2 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003330.D (-267) (-)

Ion 42.00 (41.70 to 42.70): BM003330.D (-267) (-)

Ion 71.00 (70.70 to 71.70): BM003330.D (-267) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.02 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

Tgt Ion: 136 Resp: 246994

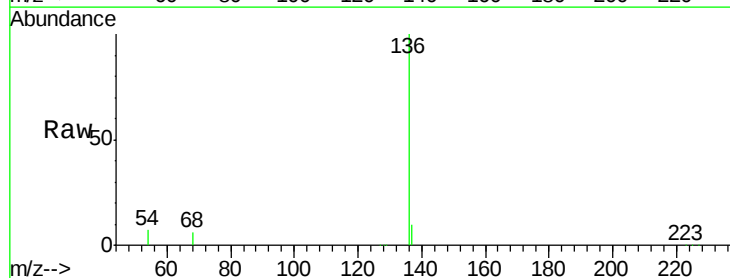
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.6 7.4 11.0#

68 5.5 5.8 8.6#

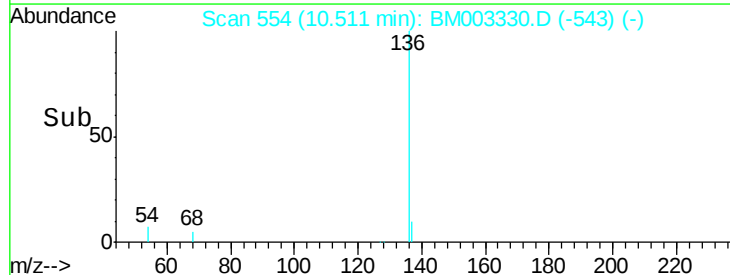
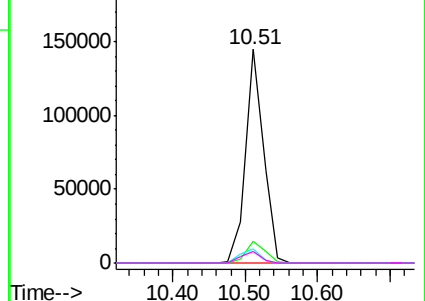


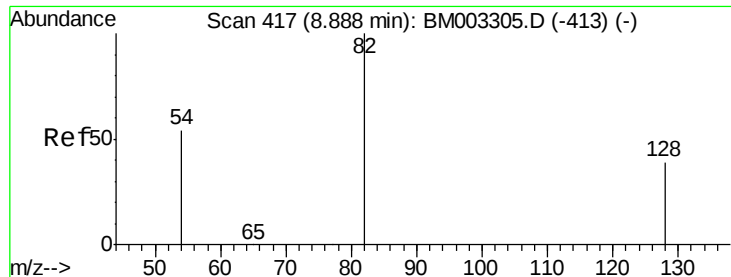
Abundance Ion 136.00 (135.70 to 136.70): BM003330.D (-554) (-)

Ion 137.00 (136.70 to 137.70): BM003330.D (-554) (-)

Ion 54.00 (53.70 to 54.70): BM003330.D (-554) (-)

Ion 68.00 (67.70 to 68.70): BM003330.D (-554) (-)





#8

Nitrobenzene-d5

Concen: 4.21 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

Instrument :

BNA_M

ClientSampleId :

PB85645BL

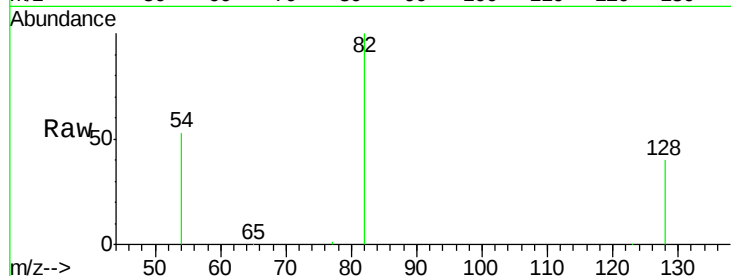
Tgt Ion: 82 Resp: 46251

Ion Ratio Lower Upper

82 100

128 39.7 35.2 52.8

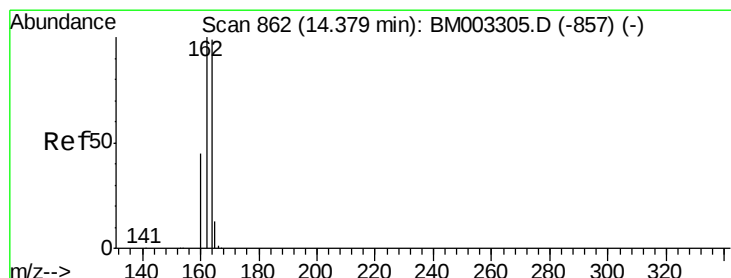
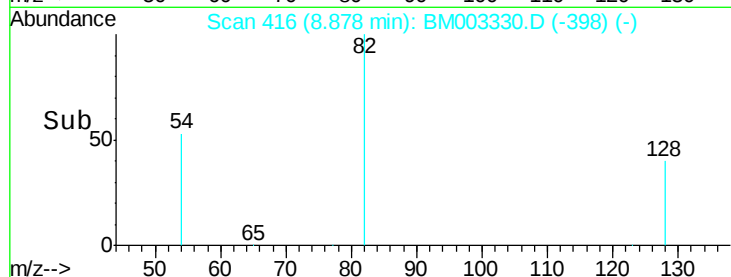
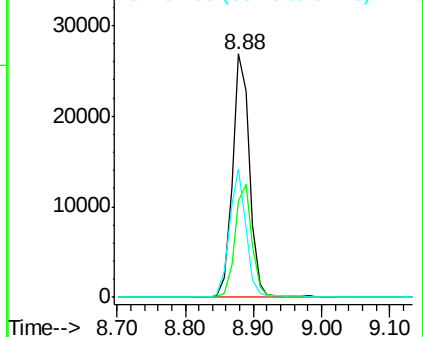
54 52.9 36.4 54.6



Abundance Ion 82.00 (81.70 to 82.70): BM003330.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM003330.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM003330.D (-398) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

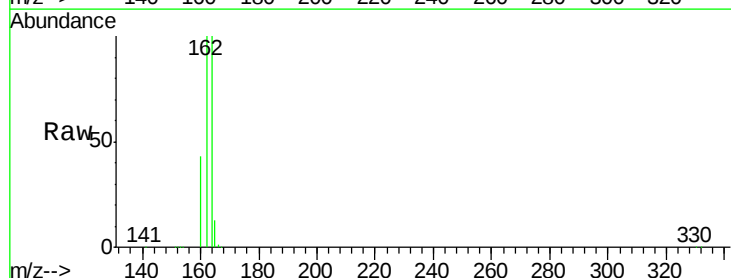
Tgt Ion: 164 Resp: 137707

Ion Ratio Lower Upper

164 100

162 99.6 78.3 117.5

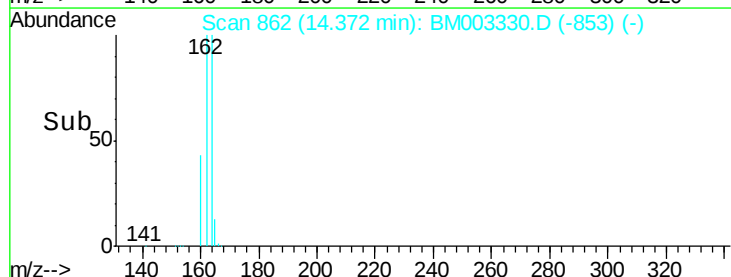
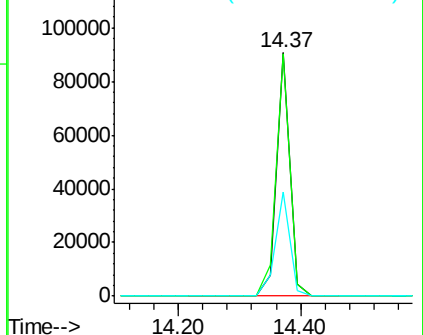
160 43.0 33.8 50.6

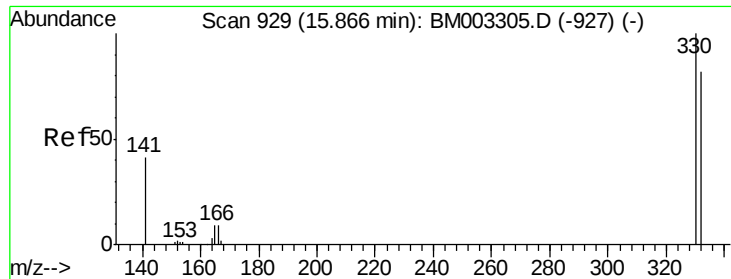


Abundance Ion 164.00 (163.70 to 164.70): BM003330.D (-853) (-)

Ion 162.00 (161.70 to 162.70): BM003330.D (-853) (-)

Ion 160.00 (159.70 to 160.70): BM003330.D (-853) (-)

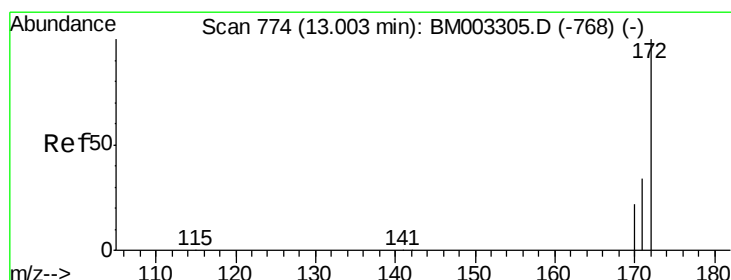
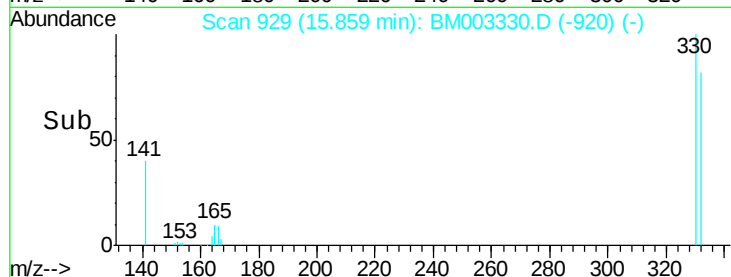
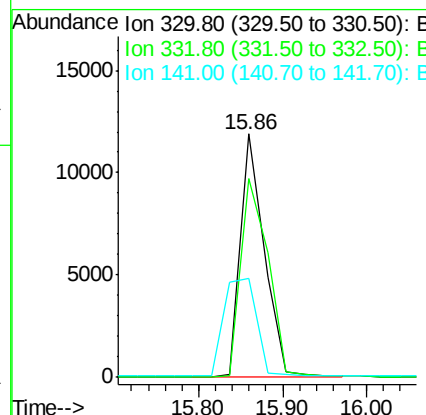
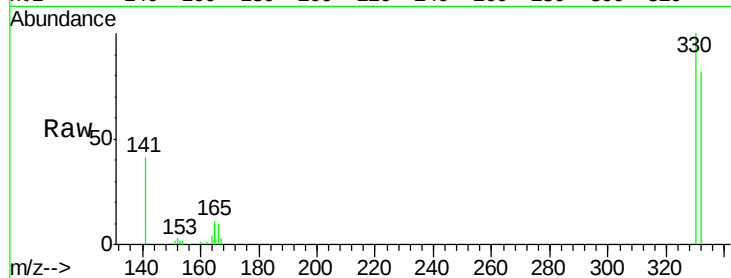




#14
 2,4,6-Tribromophenol
 Concen: 7.19 ng
 RT: 15.86 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM003330.D
 Acq: 30 Nov 2015 21:58

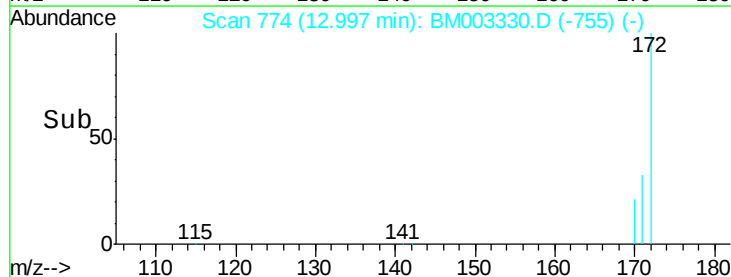
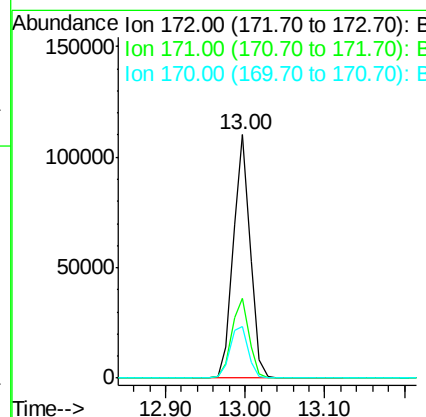
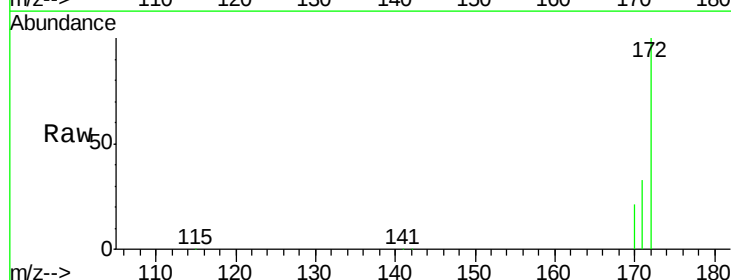
Instrument :
 BNA_M
 ClientSampleId :
 PB85645BL

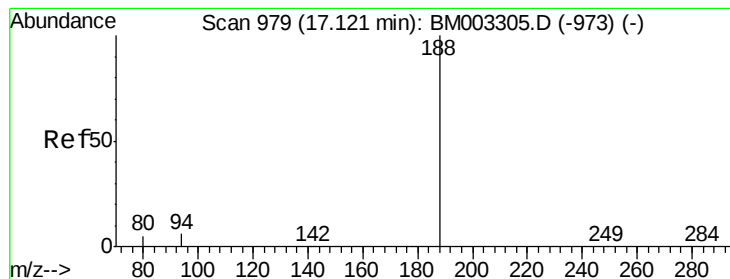
Tgt Ion:330 Resp: 22911
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.0 114.0
 141 56.6 0.0 0.0#



#15
 2-Fluorobiphenyl
 Concen: 3.61 ng
 RT: 13.00 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM003330.D
 Acq: 30 Nov 2015 21:58

Tgt Ion:172 Resp: 160491
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.0 42.0
 170 21.0 18.9 28.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

Instrument :

BNA_M

ClientSampleId :

PB85645BL

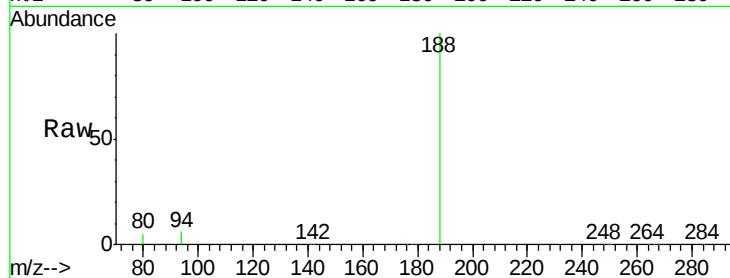
Tgt Ion:188 Resp: 307106

Ion Ratio Lower Upper

188 100

94 5.9 1.8 2.6#

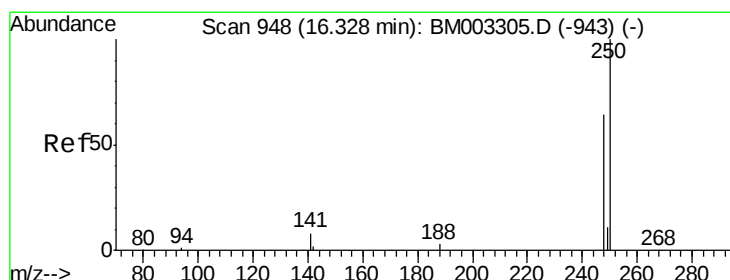
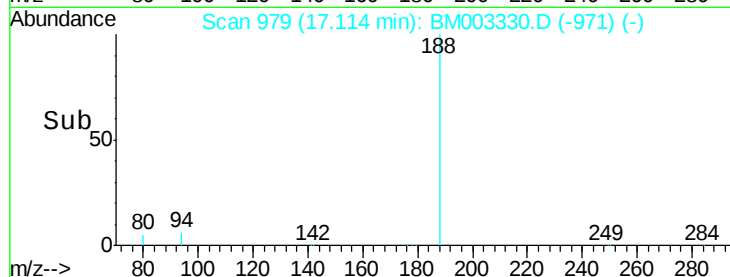
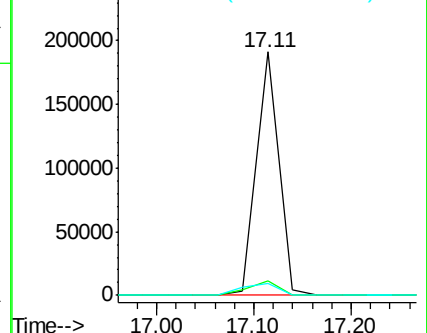
80 5.1 1.4 2.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.21 ng

RT: 16.27 min Scan# 946

Delta R.T. -0.06 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

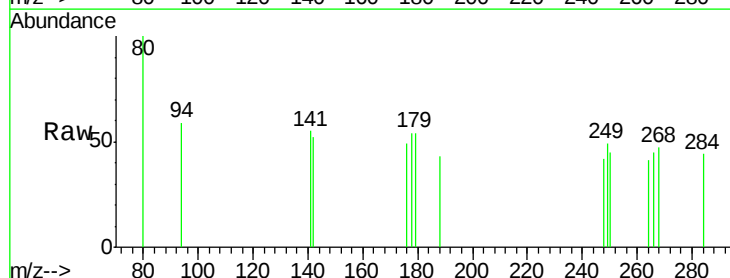
Tgt Ion:248 Resp: 5

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

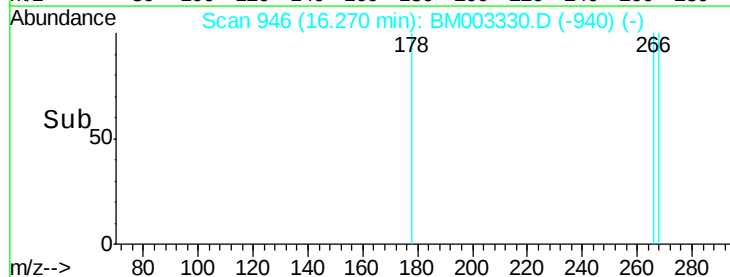
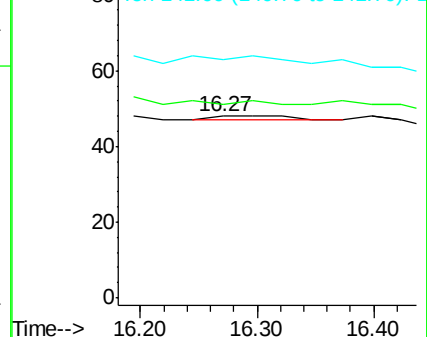
141 0.0 72.8 109.2#

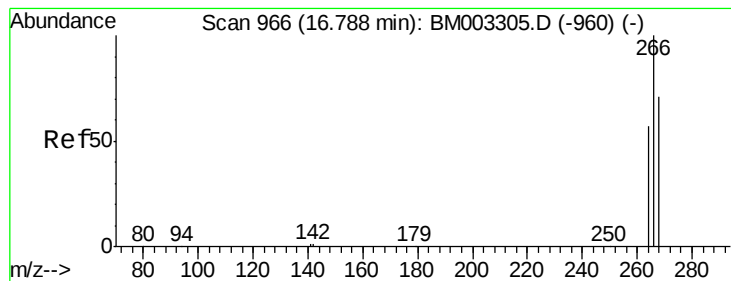


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.10 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

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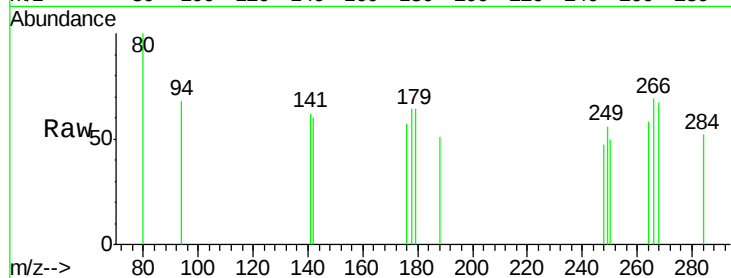
Tgt Ion: 266 Resp: 46

Ion Ratio Lower Upper

266 100

268 97.1 45.8 68.8#

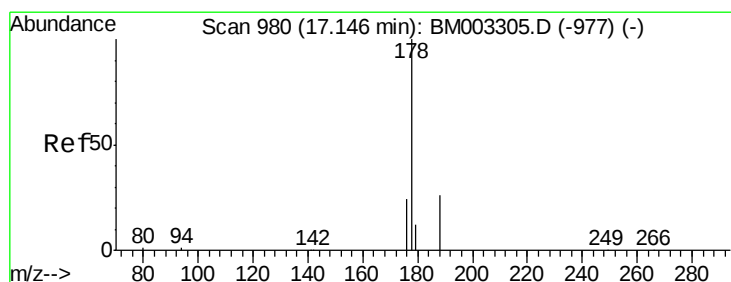
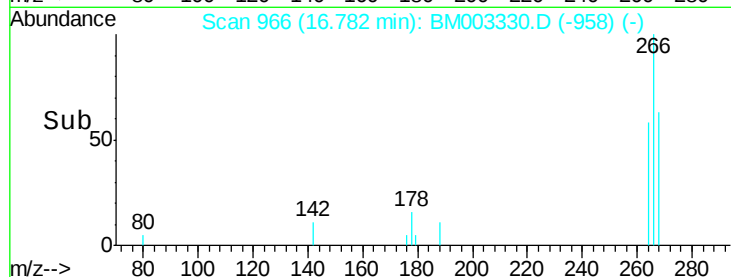
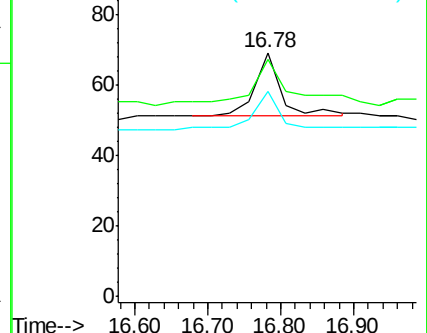
264 84.1 56.7 85.1



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: BM003330.D

Acq: 30 Nov 2015 21:58

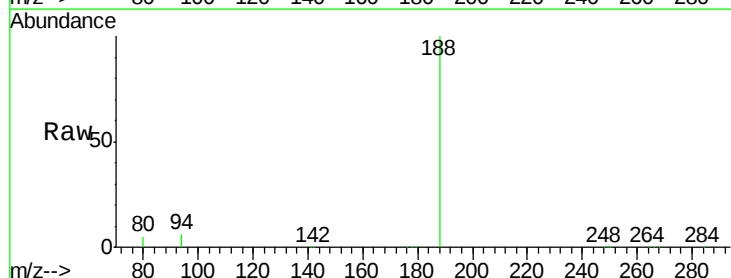
Tgt Ion: 178 Resp: 196

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

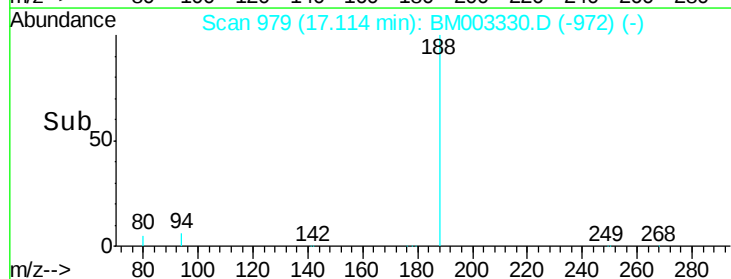
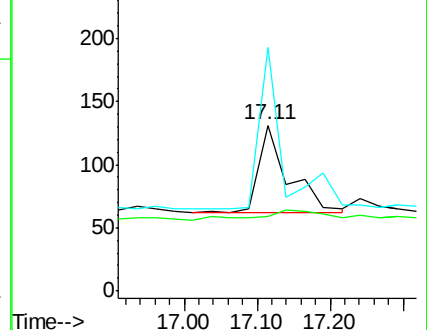
179 145.4 11.7 17.5#

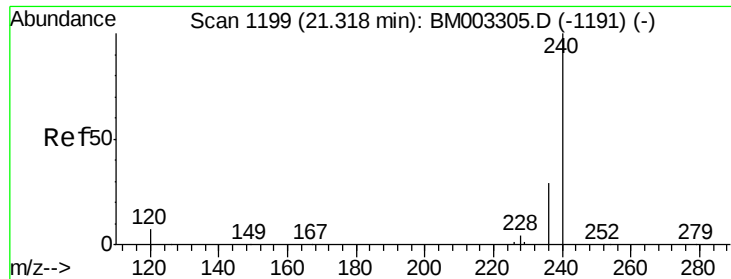


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM003330.D

Acq: 30 Nov 2015 21:58

Instrument :

BNA_M

ClientSampleId :

PB85645BL

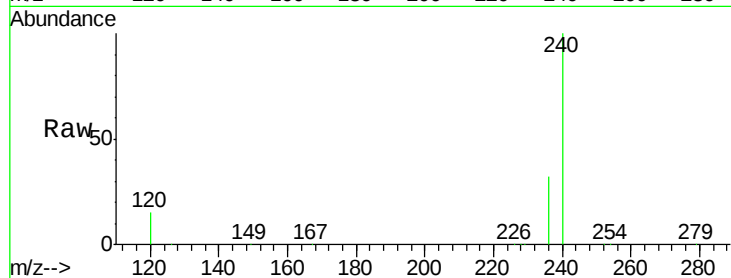
Tgt Ion:240 Resp: 185861

Ion Ratio Lower Upper

240 100

120 15.3 1.0 1.4#

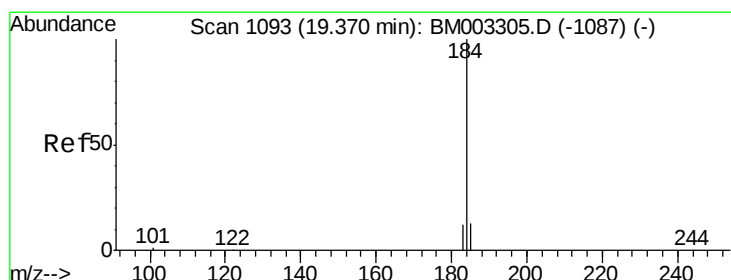
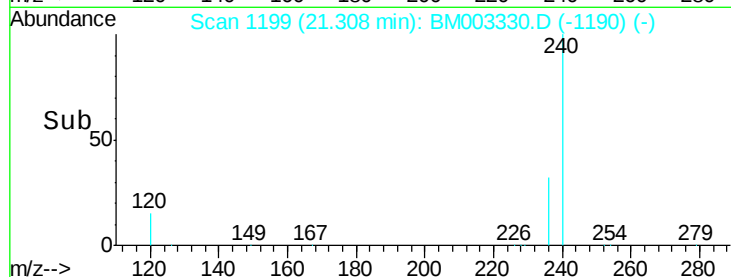
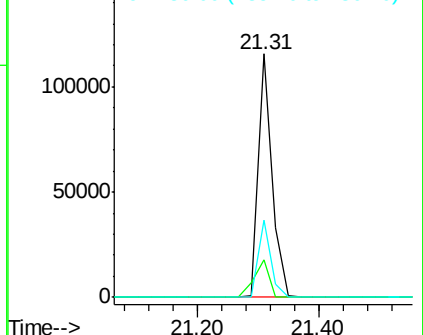
236 31.9 17.9 26.9#



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: 0.46 ng

RT: 19.74 min Scan# 1115

Delta R.T. 0.37 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

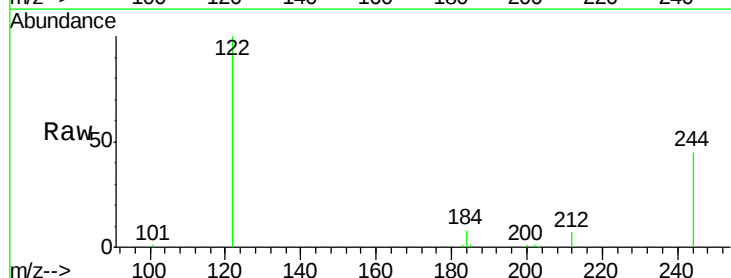
Tgt Ion:184 Resp: 2646

Ion Ratio Lower Upper

184 100

185 17.2 11.6 17.4

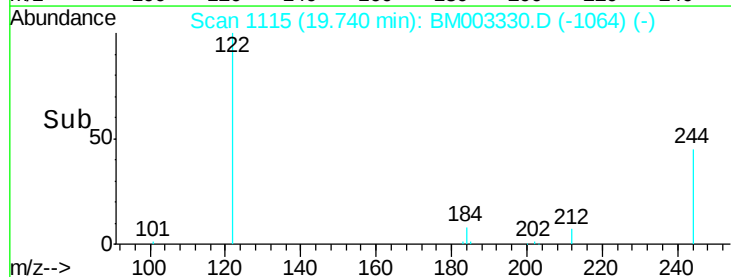
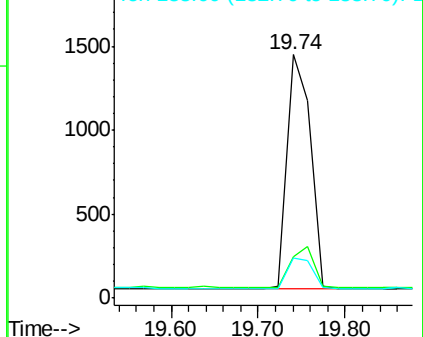
183 16.6 8.6 13.0#

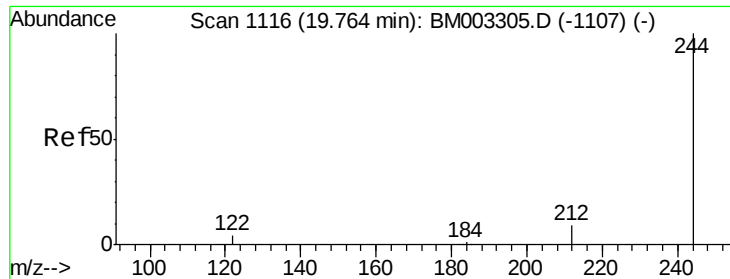


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#29

Terphenyl-d14

Concen: 4.84 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

Instrument :

BNA_M

ClientSampleId :

PB85645BL

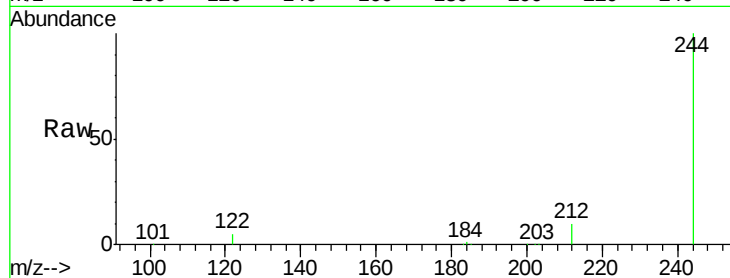
Tgt Ion:244 Resp: 125429

Ion Ratio Lower Upper

244 100

212 9.8 6.5 9.7#

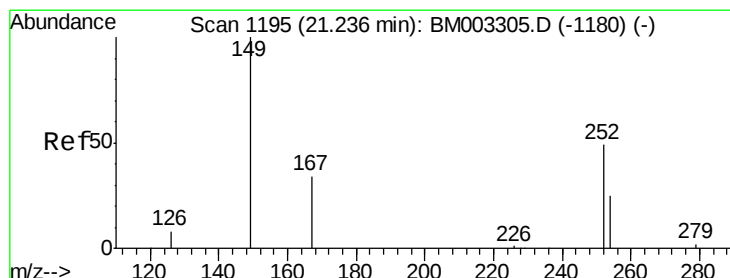
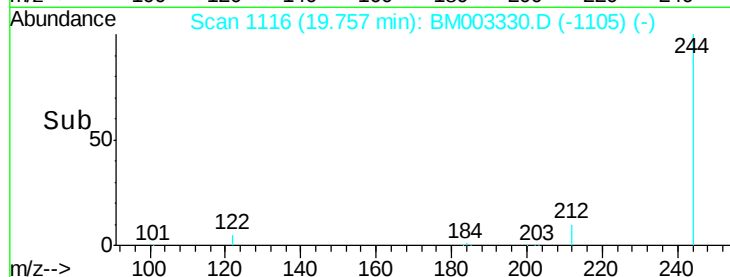
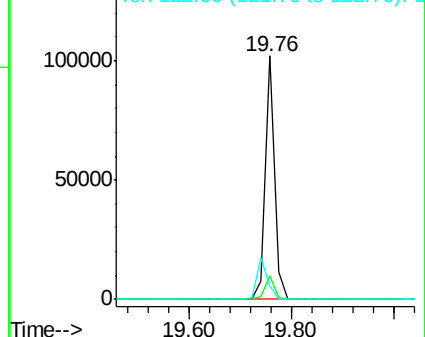
122 5.2 2.0 3.0#



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: 0.19 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

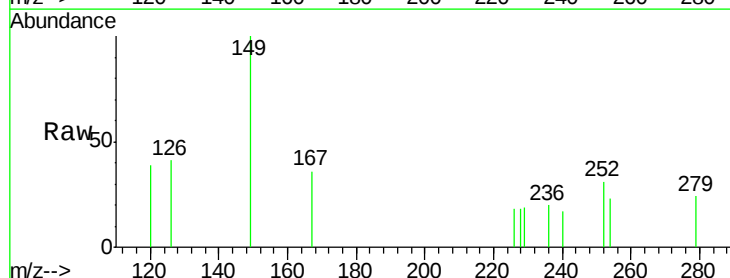
Tgt Ion:252 Resp: 262

Ion Ratio Lower Upper

252 100

254 74.7 53.7 80.5

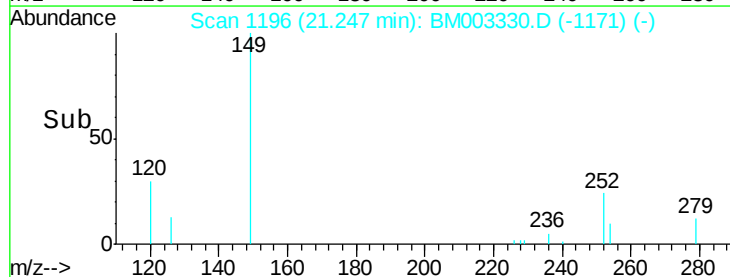
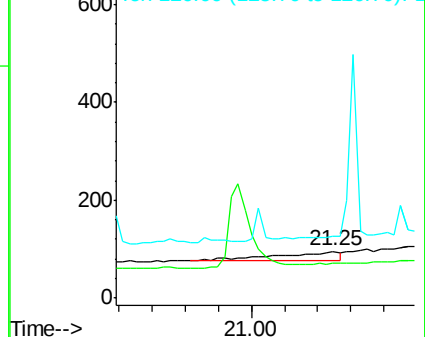
126 133.7 2.8 4.2#

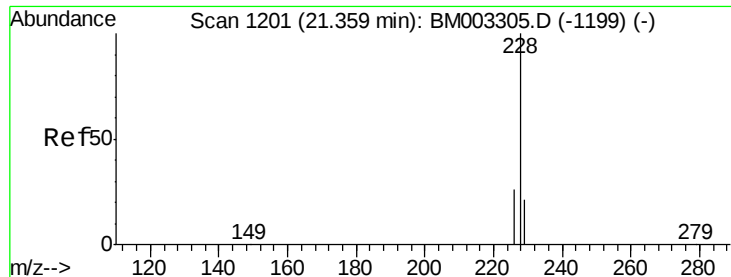


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM003330.D

Acq: 30 Nov 2015 21:58

Instrument :

BNA_M

ClientSampleId :

PB85645BL

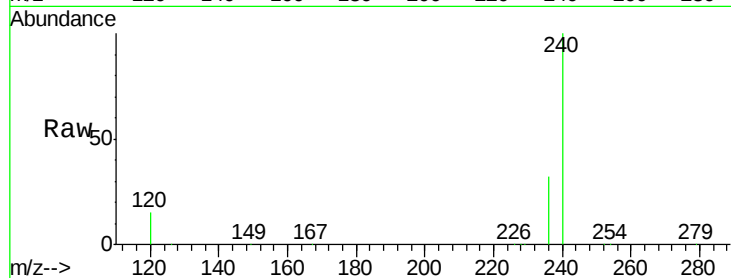
Tgt Ion:228 Resp: 743

Ion Ratio Lower Upper

228 100

226 17.8 25.5 38.3#

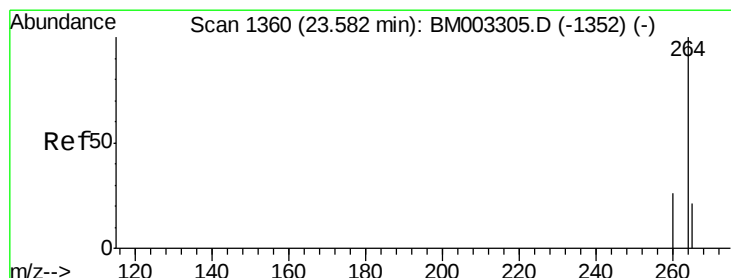
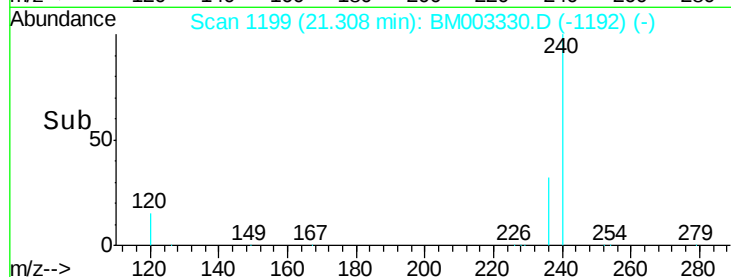
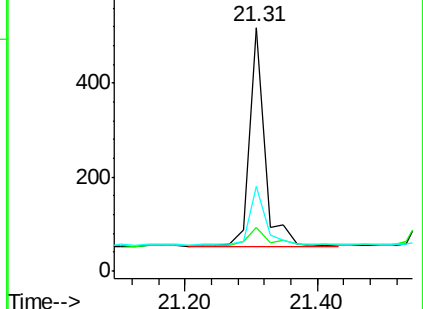
229 34.7 14.3 21.5#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.57 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BM003330.D

Acq: 30 Nov 2015 21:58

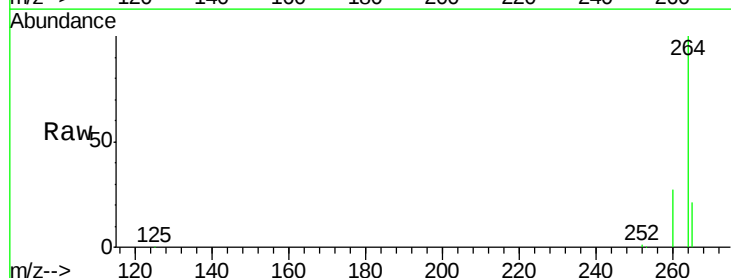
Tgt Ion:264 Resp: 156371

Ion Ratio Lower Upper

264 100

260 27.1 19.6 29.4

265 20.6 18.4 27.6



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

