

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084799.D
 Acq On : 3 Feb 2016 22:03
 Operator : SJ/IZ
 Sample : H1331-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-END(14)

Quant Time: Feb 04 03:55:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

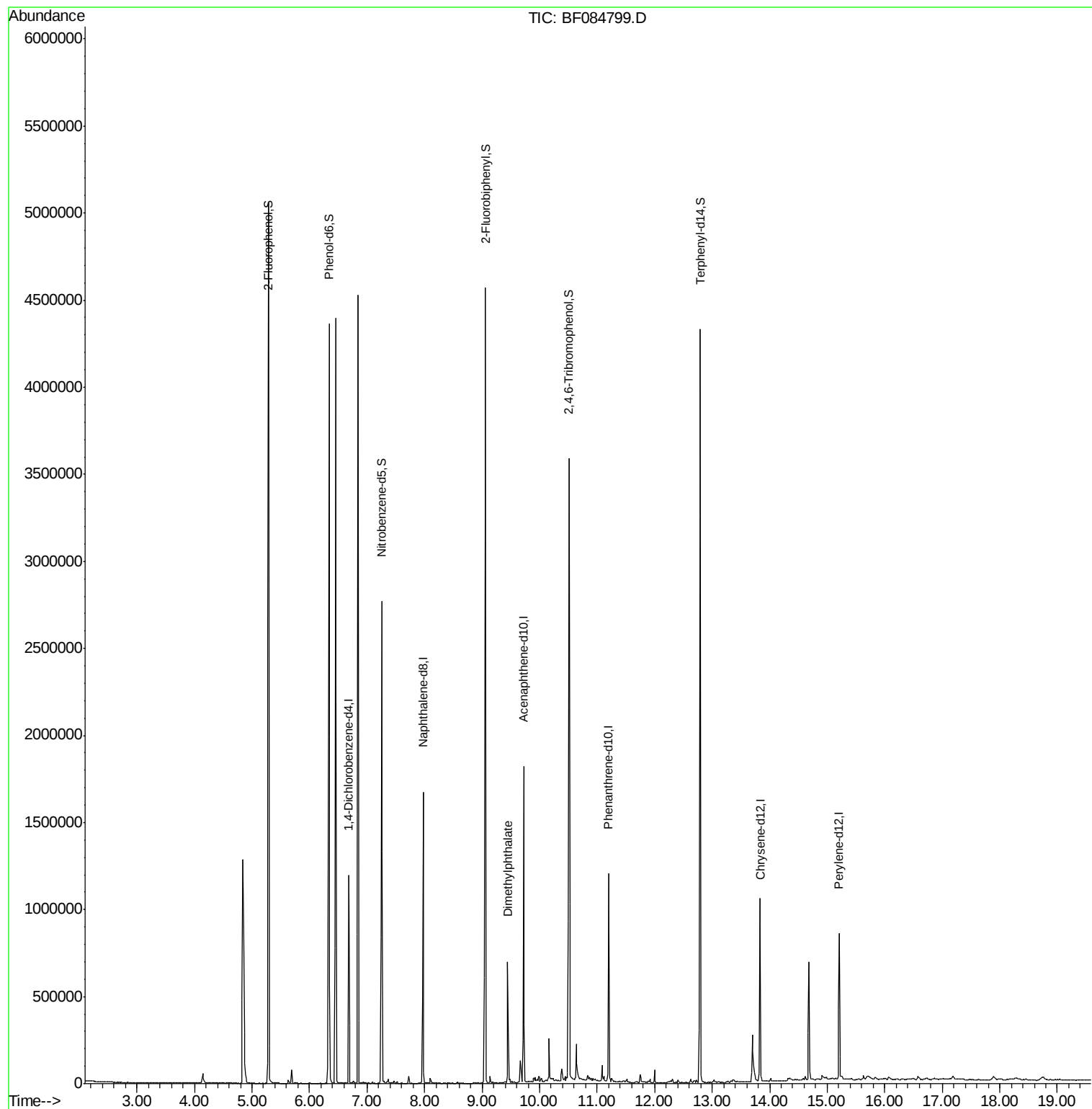
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	171657	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	759973	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	345812	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	616242	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	525632	20.00	ng	0.00
86) Perylene-d12	15.21	264	370670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1489961	135.20	ng	0.01
7) Phenol-d6	6.34	99	1658521	121.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	1151279	85.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	478742	132.72	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1963971	102.90	ng	0.00
78) Terphenyl-d14	12.80	244	1818924	78.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	304352	11.56	ng	Qvalue # 90

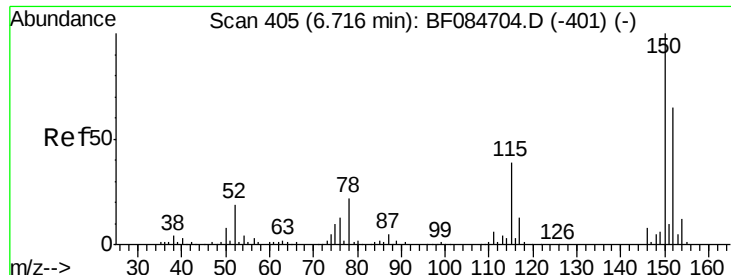
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-END(14)

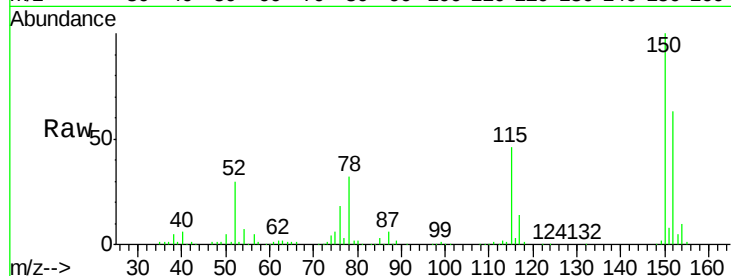
Tot Ion:152 Resp: 171657

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

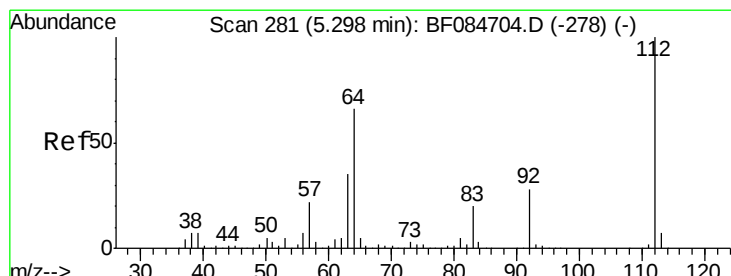
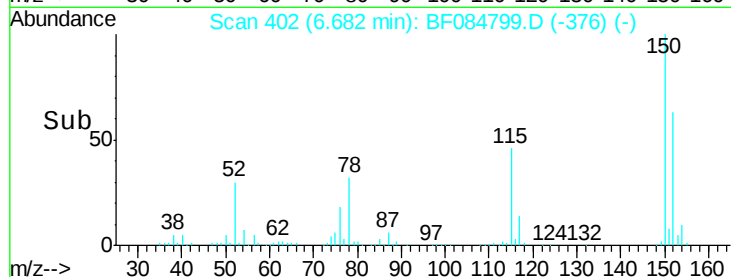
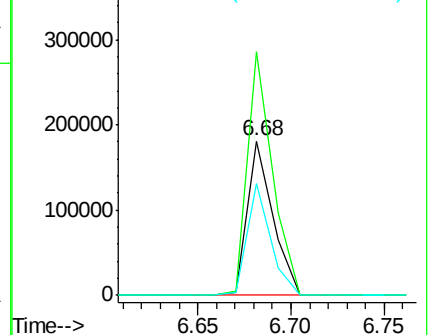
115 72.3 51.4 77.2



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



#5

2-Fluorophenol

Concen: 135.20 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

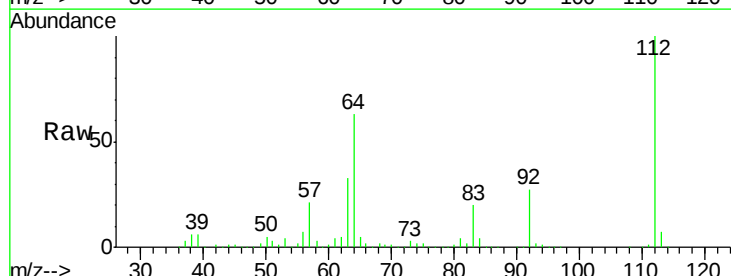
Tgt Ion:112 Resp: 1489961

Ion Ratio Lower Upper

112 100

64 63.3 36.6 55.0#

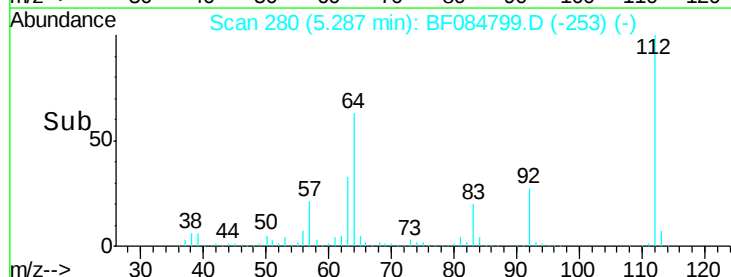
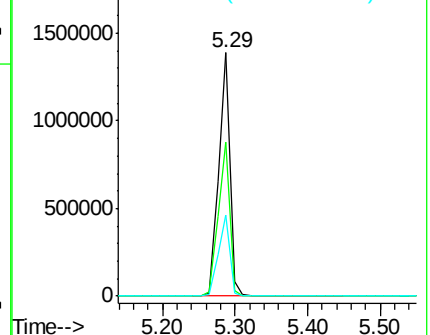
63 33.3 19.4 29.0#

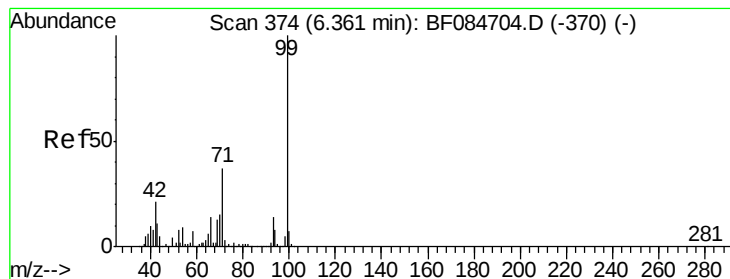


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.39 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-END(14)

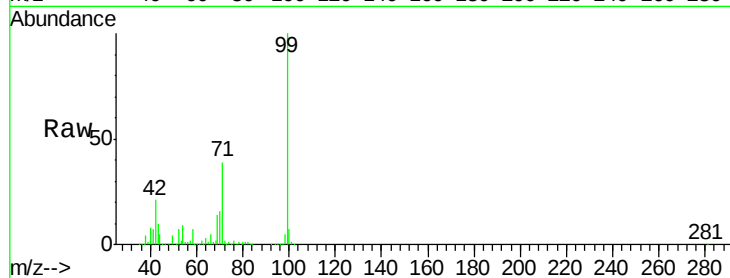
Tot Ion: 99 Resp: 1658521

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

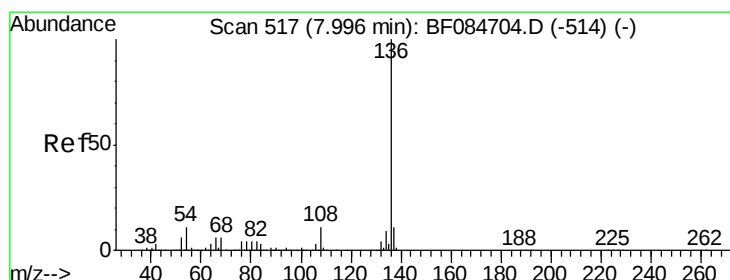
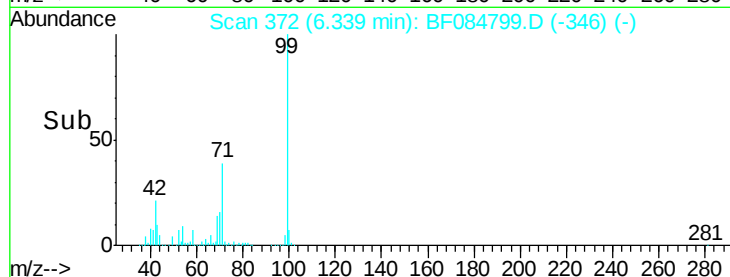
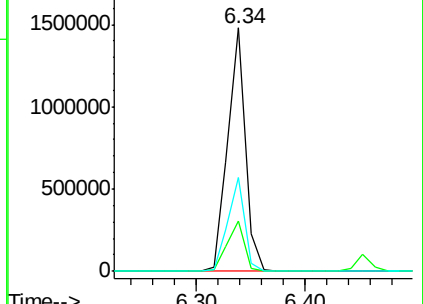
71 38.5 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

Tgt Ion: 136 Resp: 759973

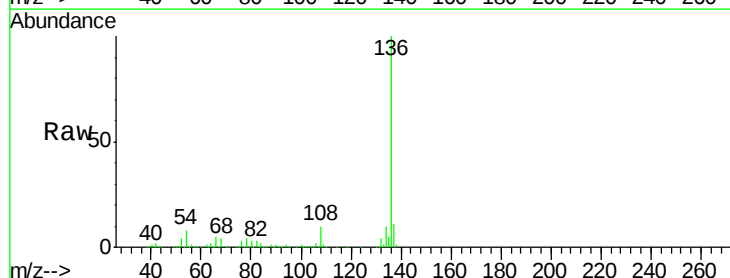
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.9 5.8 8.8

68 4.3 4.2 6.2

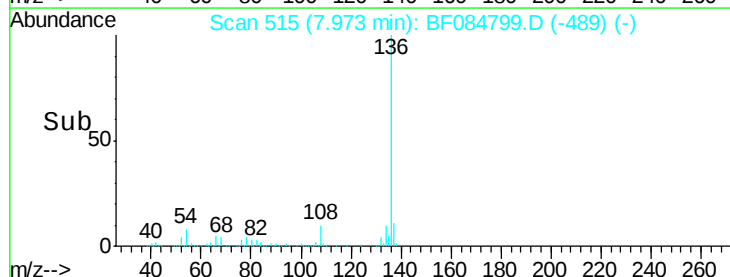
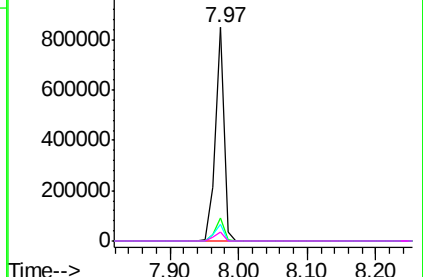


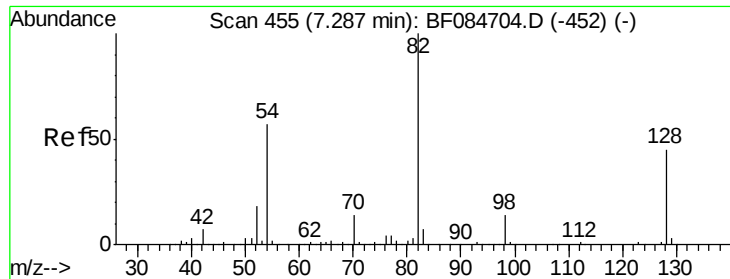
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

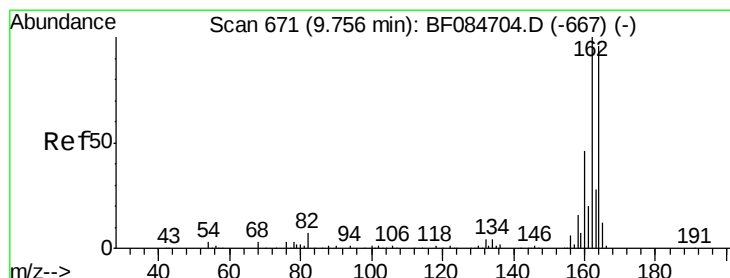
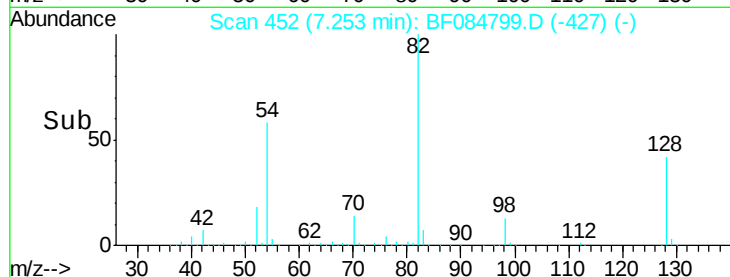
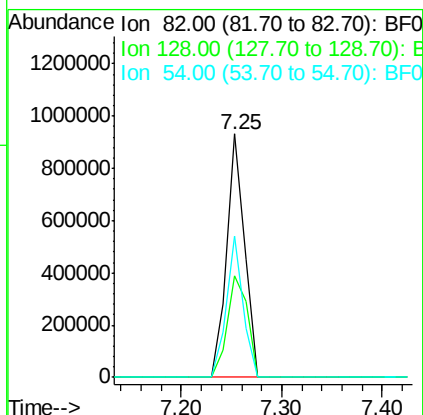
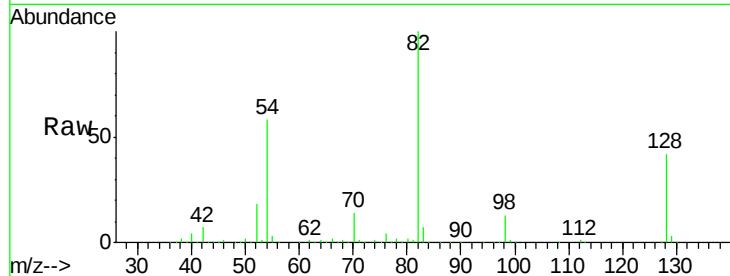




#23
 Nitrobenzene-d5
 Concen: 85.34 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

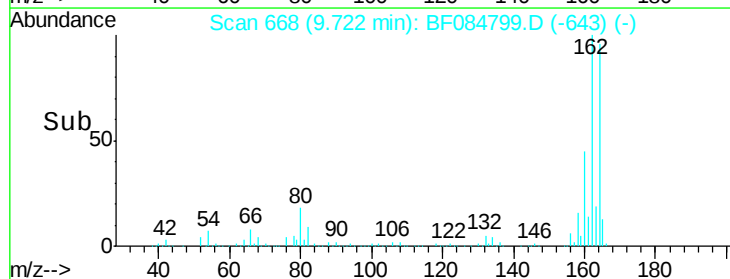
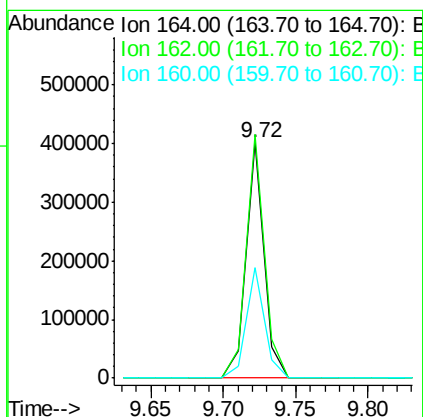
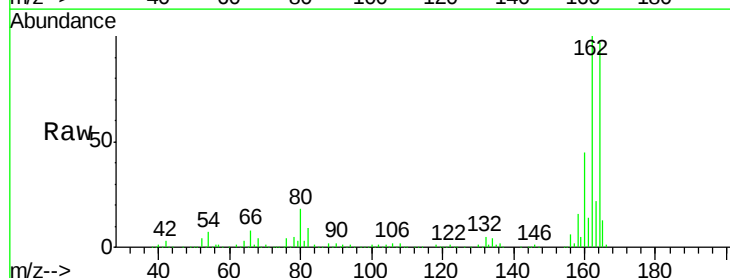
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-END(14)

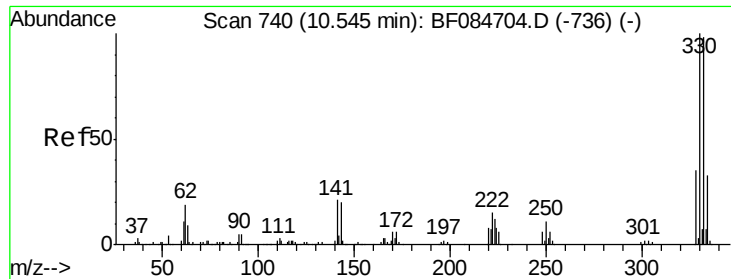
Tot Ion: 82 Resp: 1151279
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 57.9 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

Tgt Ion:164 Resp: 345812
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.1 127.7
 160 46.8 37.5 56.3

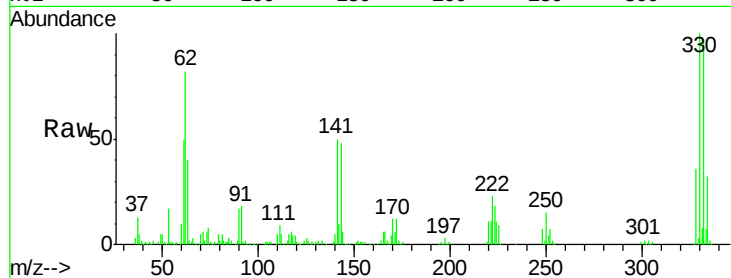




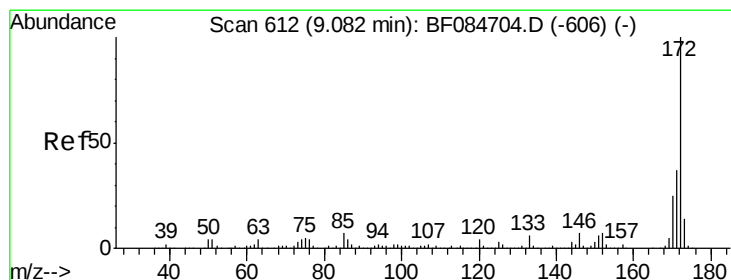
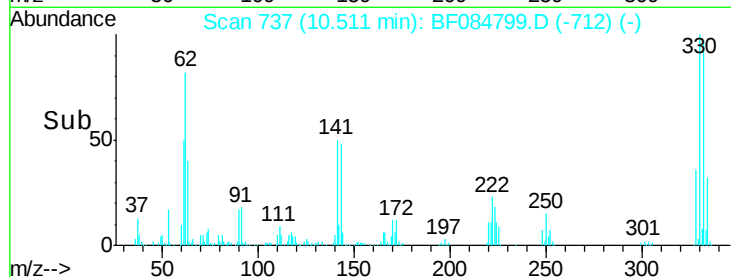
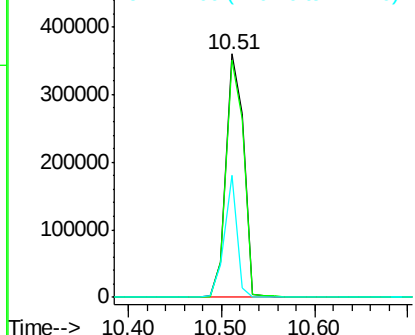
#41
 2,4,6-Tribromophenol
 Concen: 132.72 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-END(14)

Tot Ion:330 Resp: 478742
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 35.6 27.8 41.6

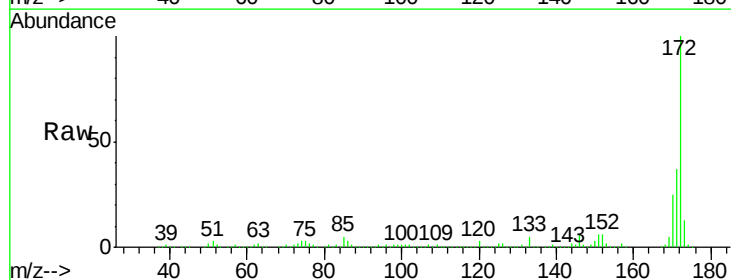


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

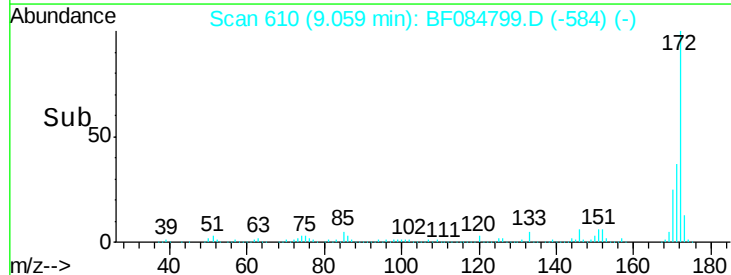
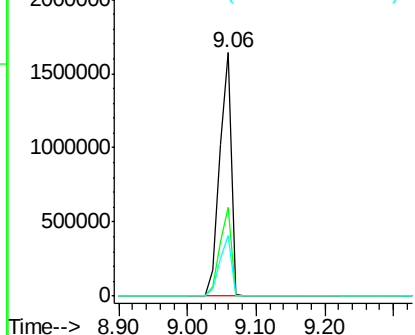


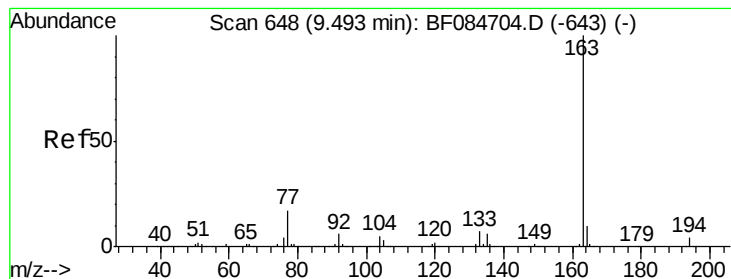
#44
 2-Fluorobiphenyl
 Concen: 102.90 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

Tgt Ion:172 Resp: 1963971
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.9 18.6 27.8



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





#49

Dimethylphthalate

Concen: 11.56 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-END(14)

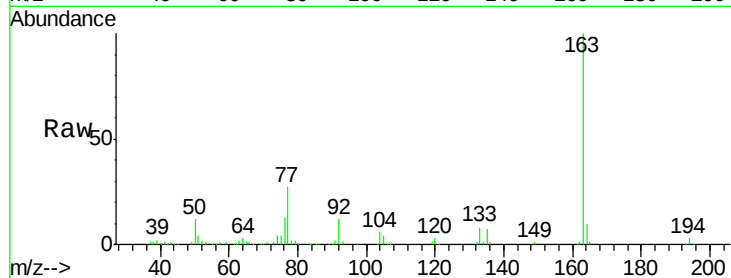
Tot Ion:163 Resp: 304352

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

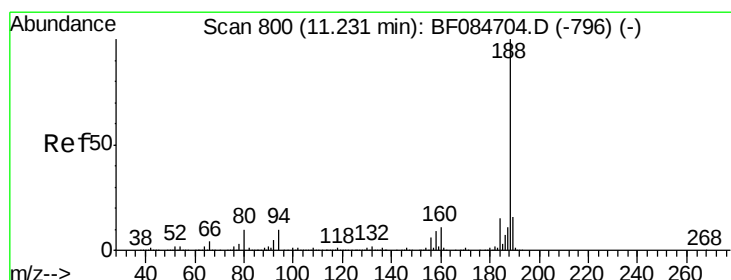
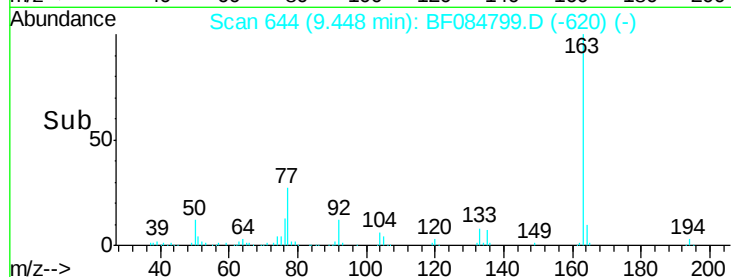
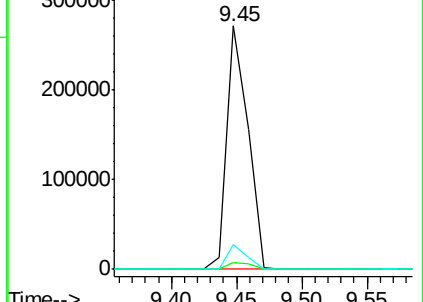
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

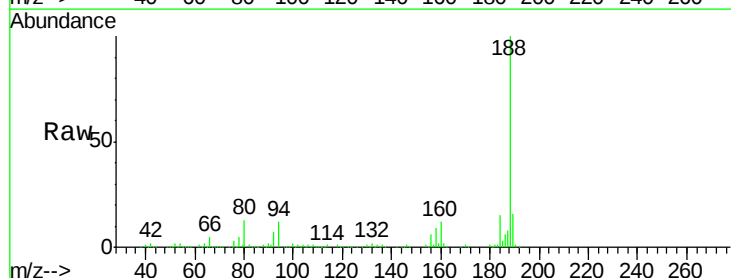
Tgt Ion:188 Resp: 616242

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

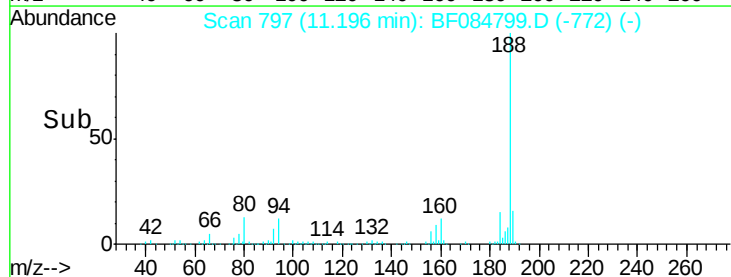
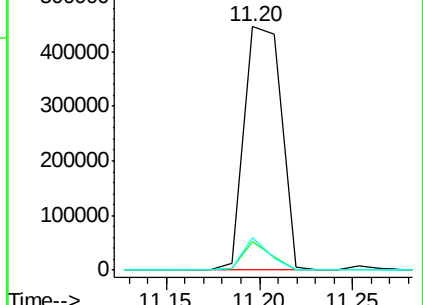
80 13.2 9.6 14.4

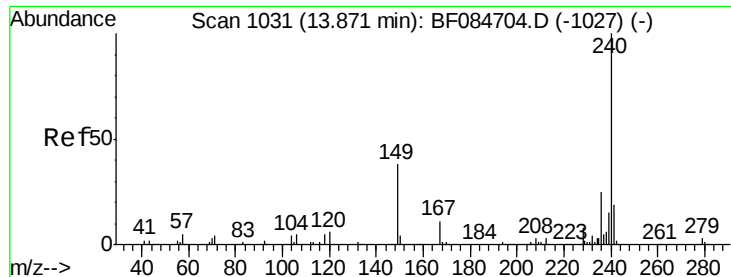


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-END(14)

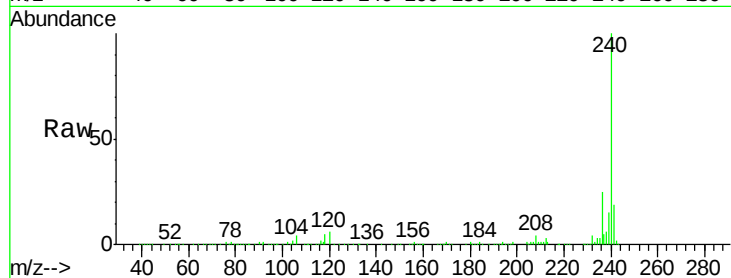
Tot Ion:240 Resp: 525632

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

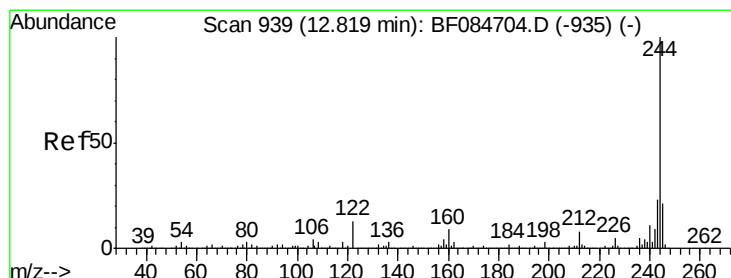
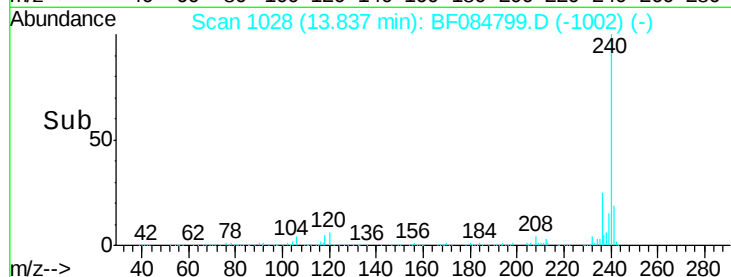
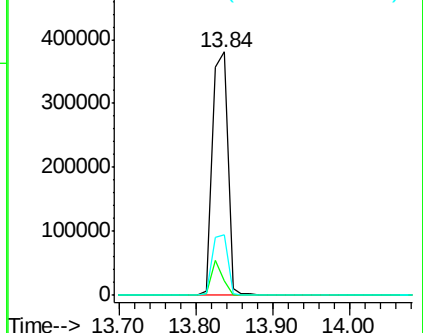
236 24.9 20.6 31.0



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



#78

Terphenyl-d14

Concen: 78.42 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

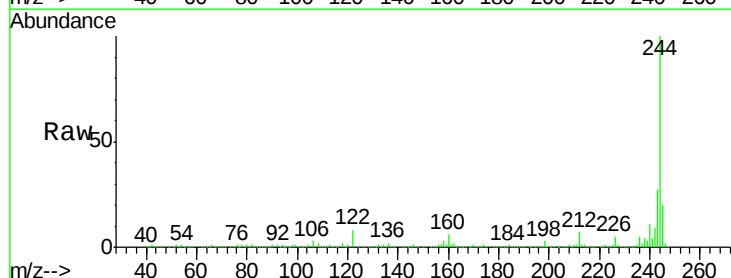
Tgt Ion:244 Resp: 1818924

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

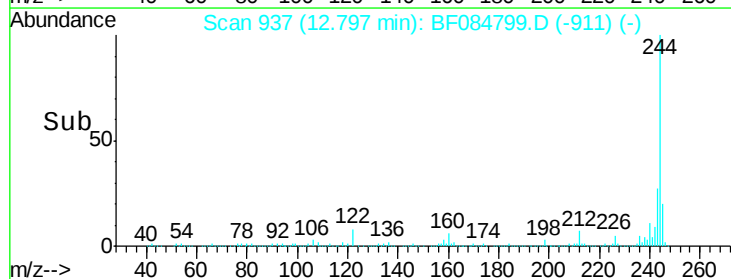
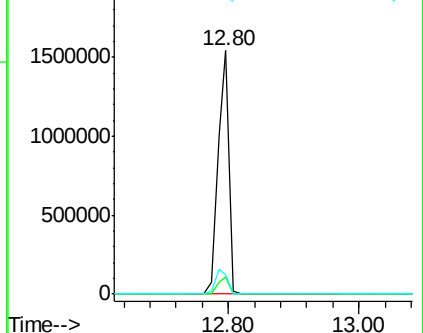
122 7.8 7.4 11.0

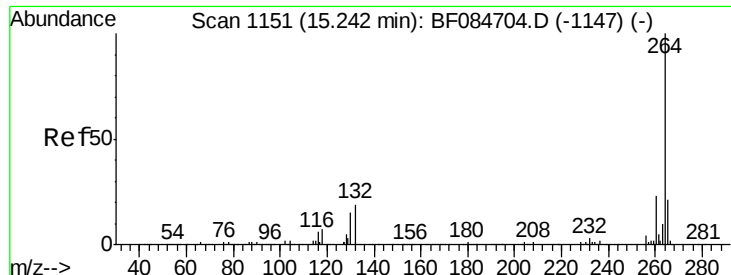


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

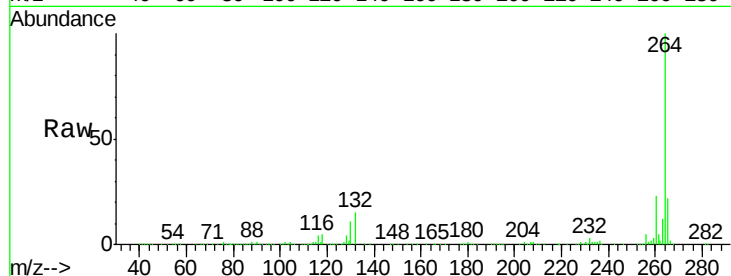




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-END(14)

Tot Ion:264 Resp: 370670
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.6 17.8 26.6



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

