

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 00:30:46 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

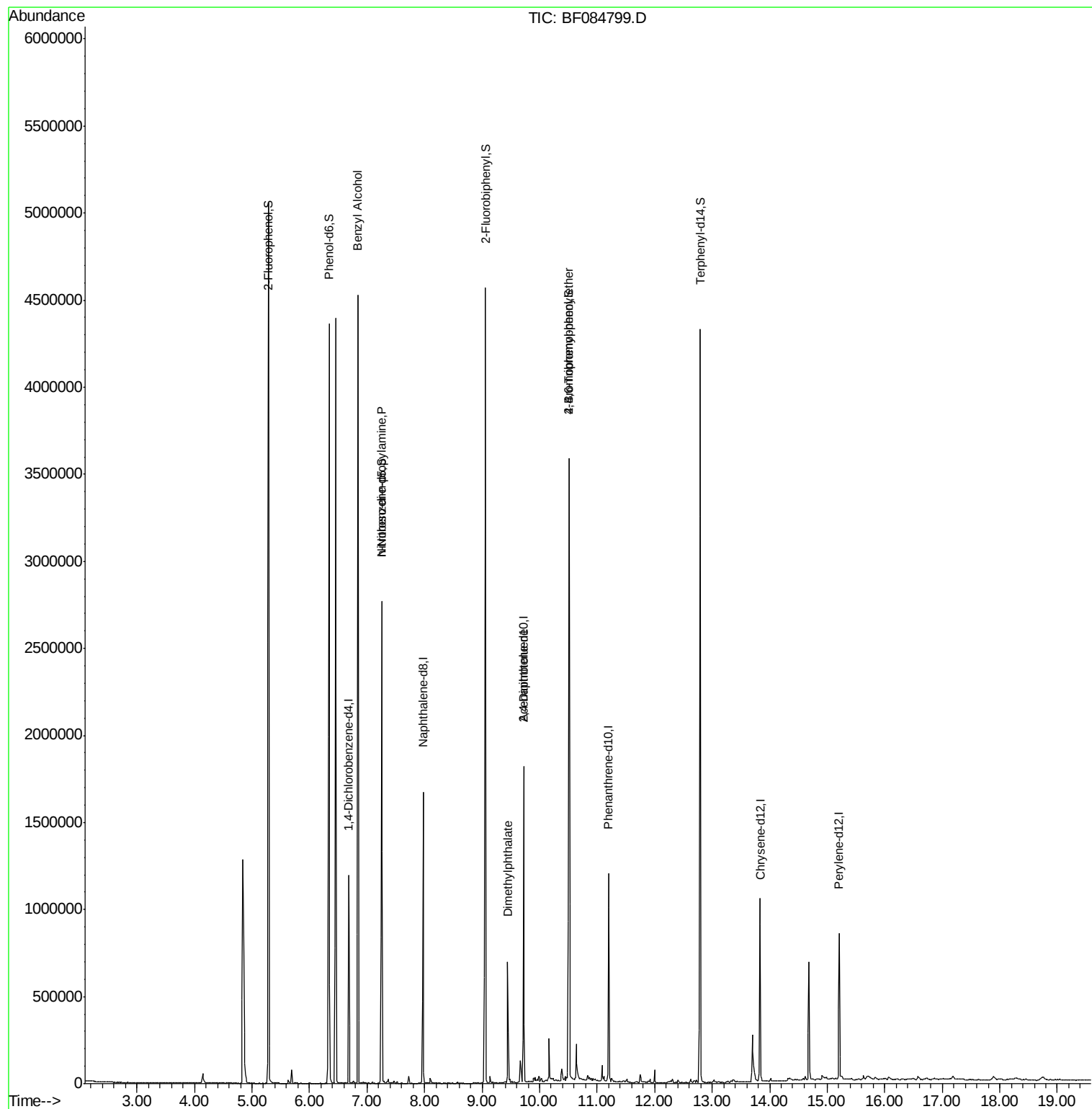
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	171657	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	759973	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	345812	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	616242	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	525632	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						
15) Benzyl Alcohol	6.84	79	20072	2.13	ng	# 46
19) n-Nitroso-di-n-propylamine	7.25	70	153876	17.97	ng	# 71
49) Dimethylphthalate	9.45	163	304352	11.56	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	45204	6.16	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	27191	3.99	ng	# 1

(#) = 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)

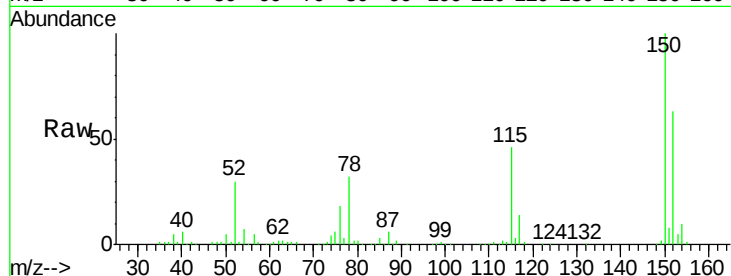
Tgt Ion:152 Resp: 171657

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

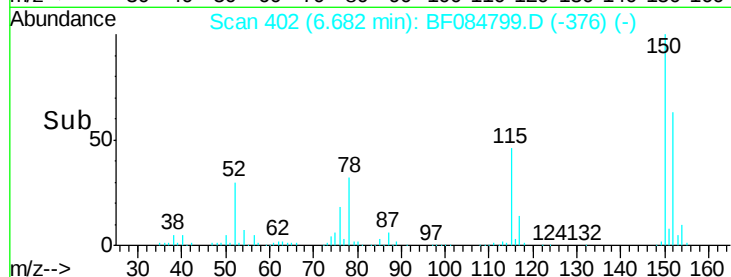
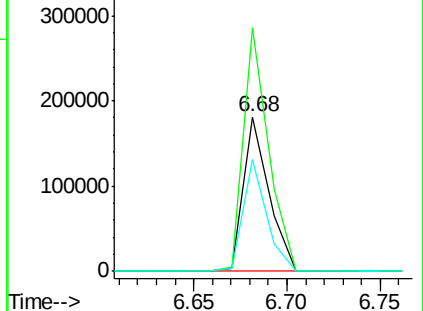
115 72.3 51.4 77.2



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

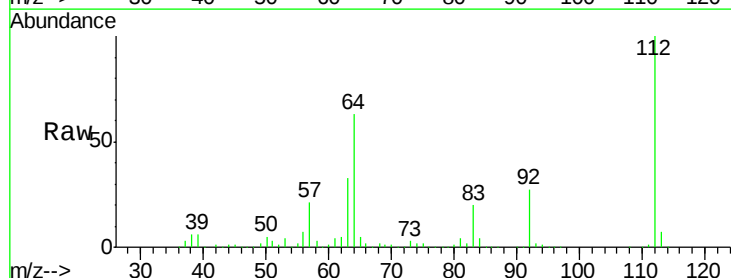
Tgt Ion:112 Resp: 1489961

Ion Ratio Lower Upper

112 100

64 63.3 36.6 55.0#

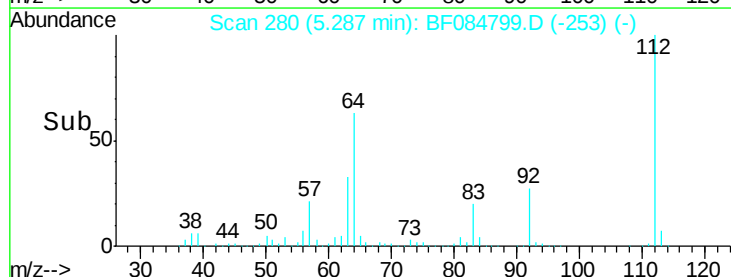
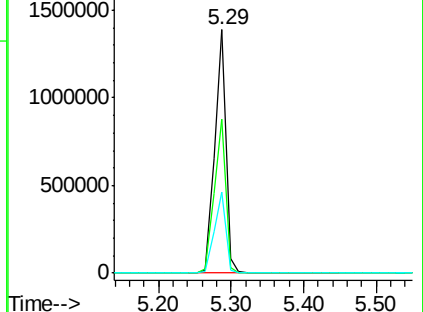
63 33.3 19.4 29.0#



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)

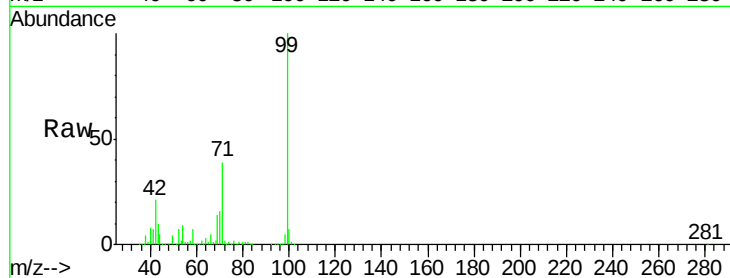
Tgt Ion: 99 Resp: 1658521

Ion Ratio Lower Upper

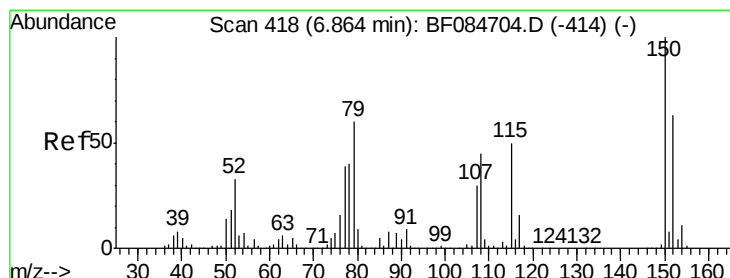
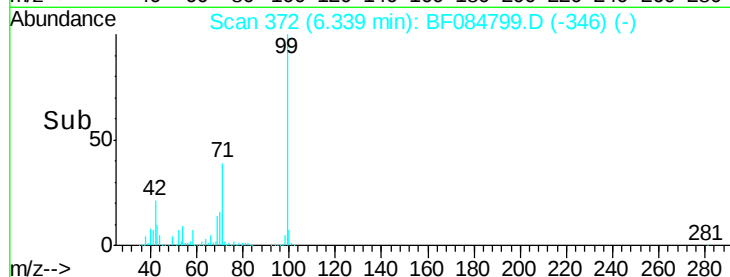
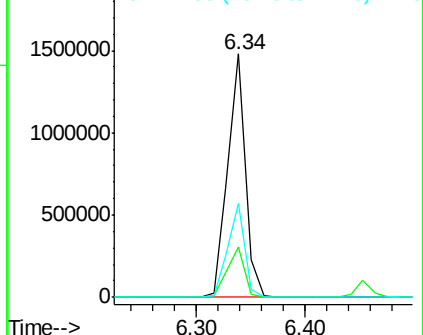
99 100

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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

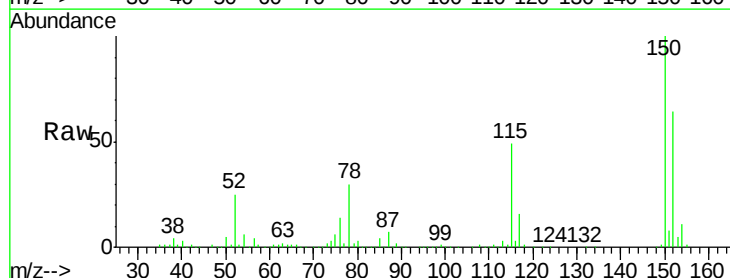
Tgt Ion: 79 Resp: 20072

Ion Ratio Lower Upper

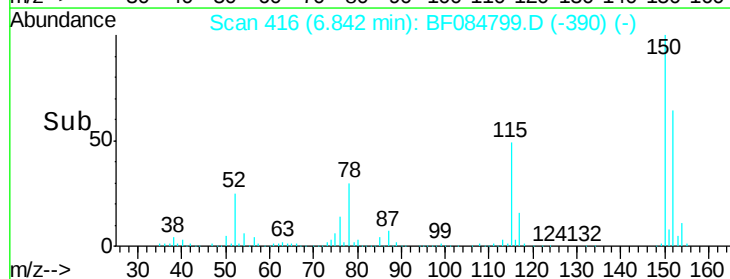
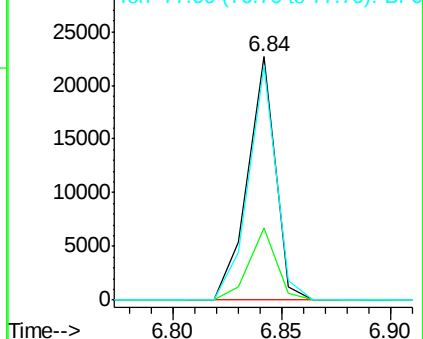
79 100

108 29.4 69.0 103.4#

77 96.5 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.97 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084799.D

Acq: 3 Feb 2016 22:03

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-END(14)

Tgt Ion: 70 Resp: 153876

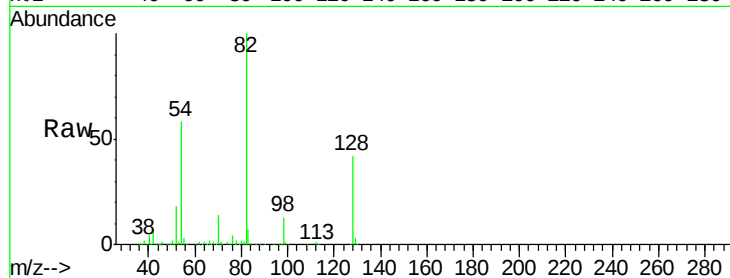
Ion Ratio Lower Upper

70 100

42 49.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

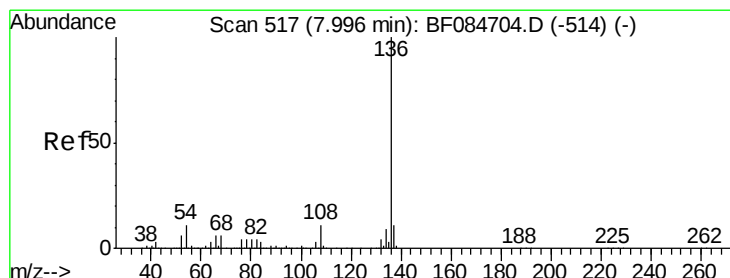
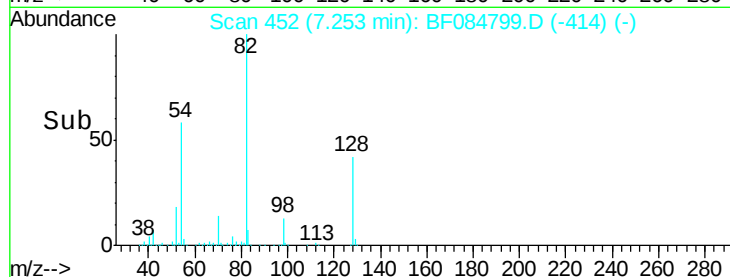
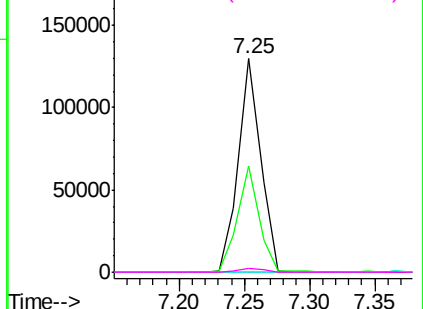


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#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

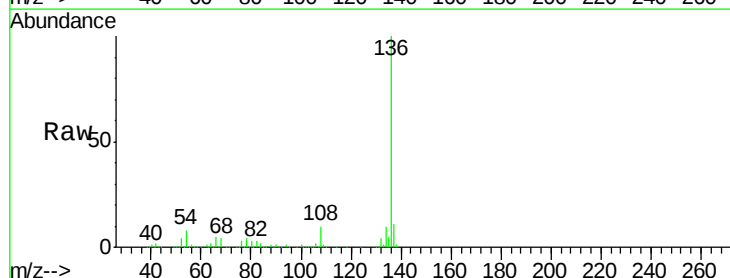
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.9 5.8 8.8

68 4.3 4.2 6.2

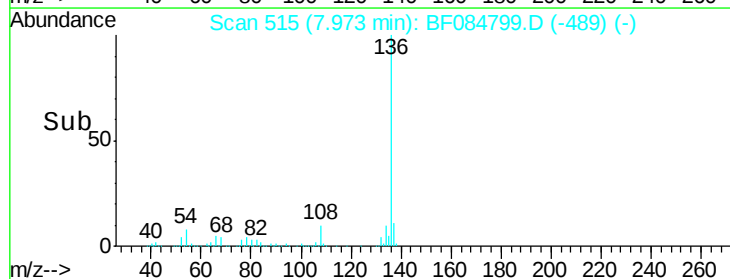
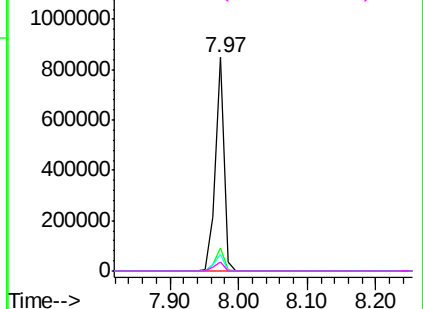


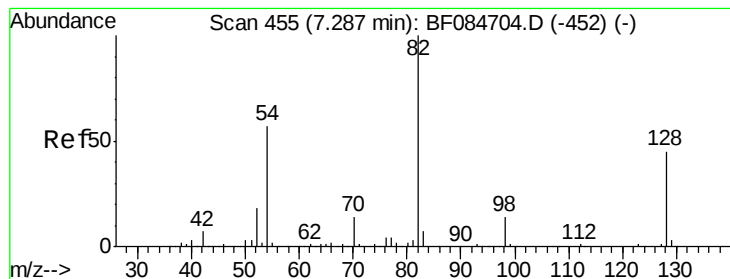
Abundance Ion 136.00 (135.70 to 136.70): E

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)

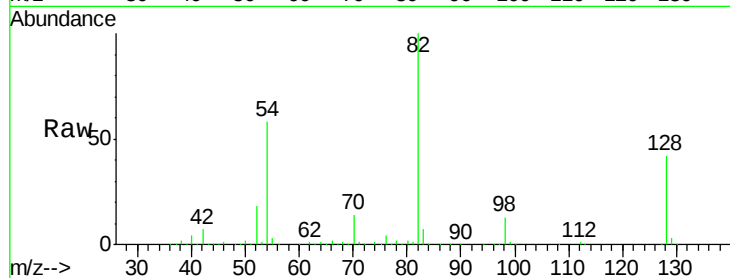
Tgt Ion: 82 Resp: 1151279

Ion Ratio Lower Upper

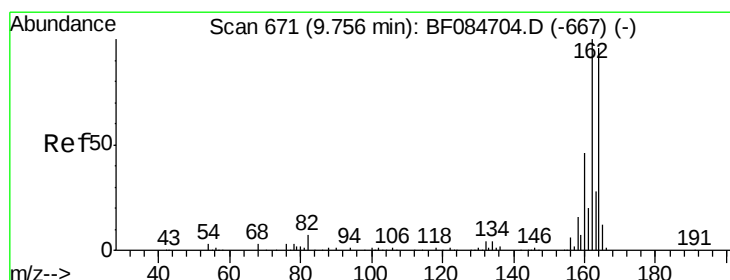
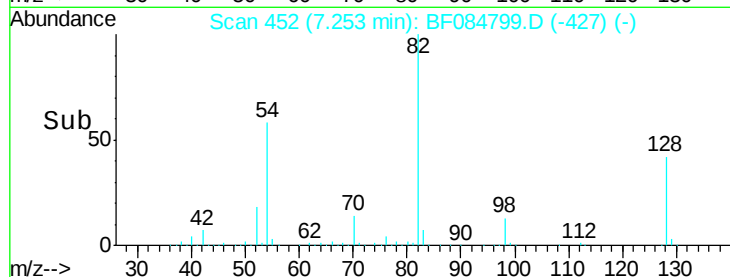
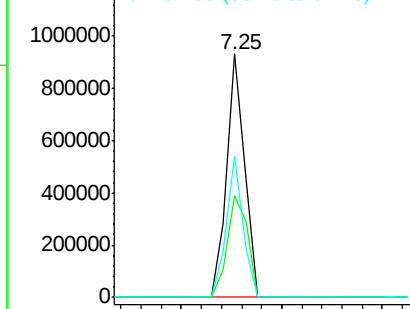
82 100

128 41.6 34.6 51.8

54 57.9 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#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

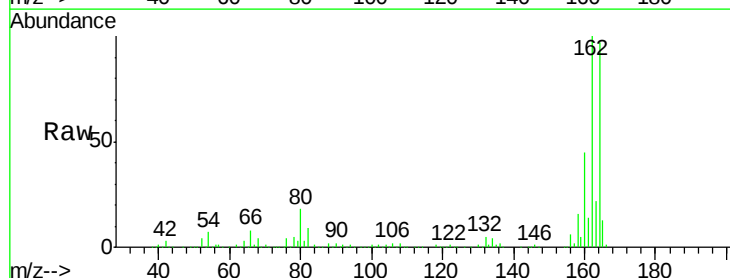
Tgt Ion: 164 Resp: 345812

Ion Ratio Lower Upper

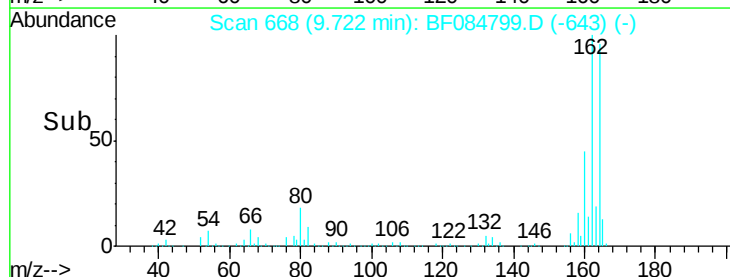
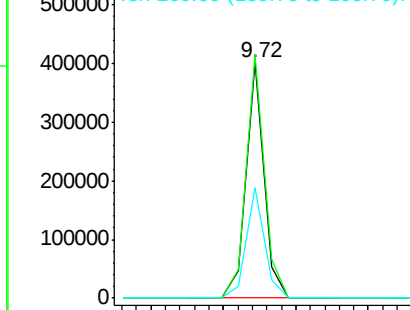
164 100

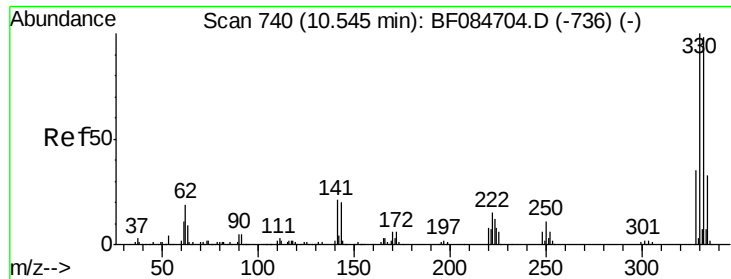
162 103.4 85.1 127.7

160 46.8 37.5 56.3



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

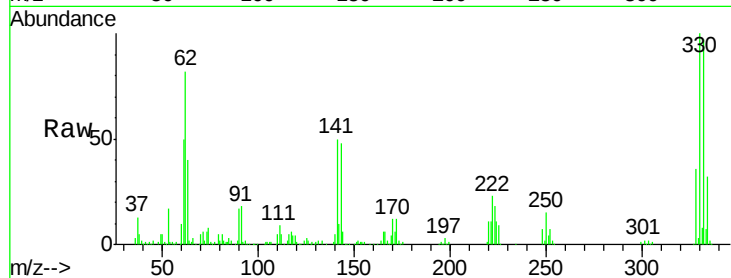




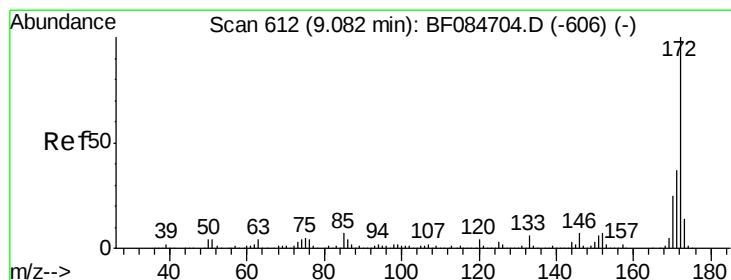
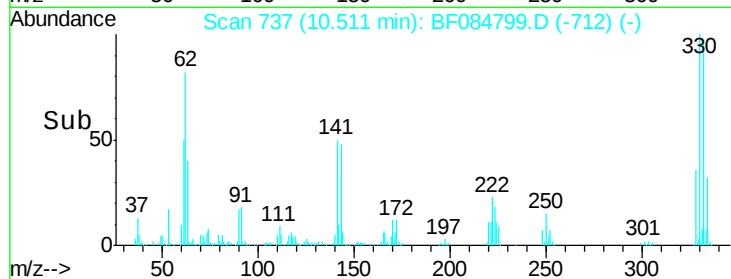
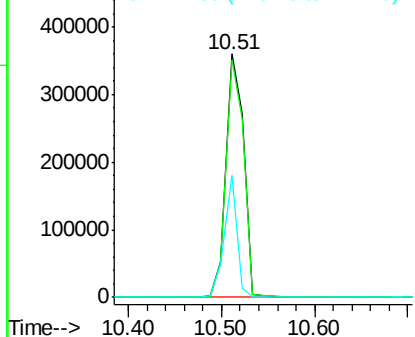
#41
 2,4,6-Tribromophenol
 Concen: 132.72 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

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

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

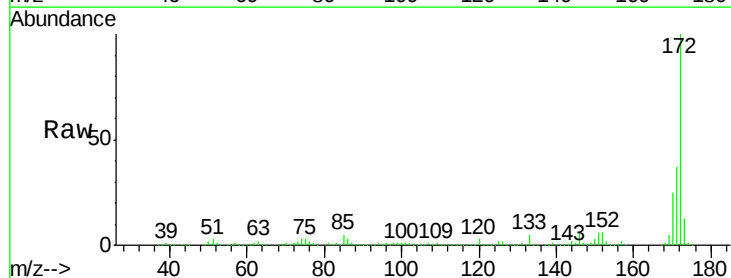


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

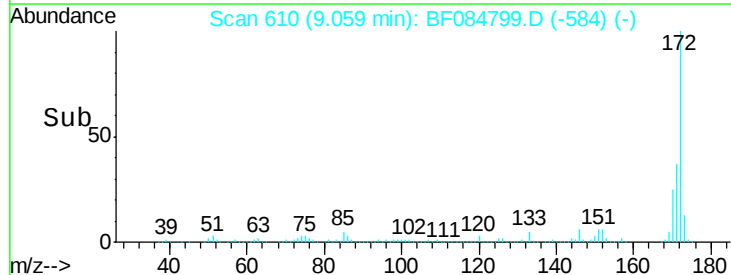
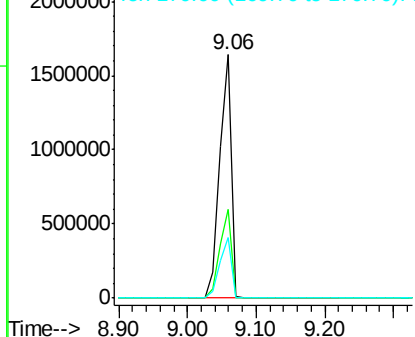


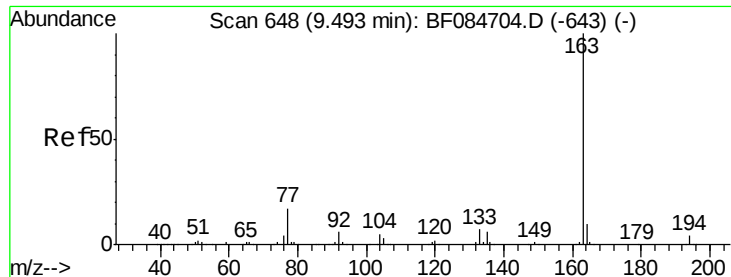
#44
 2-Fluorobiphenyl
 Concen: 102.90 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084799.D
 Acq: 3 Feb 2016 22:03

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

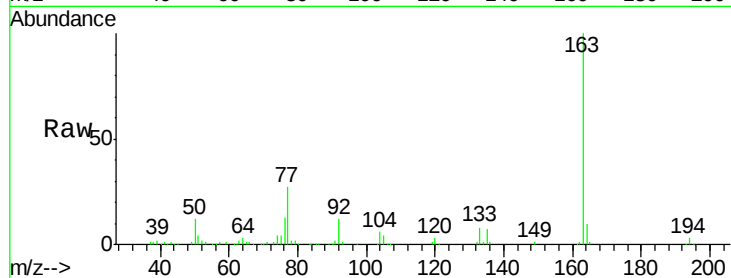




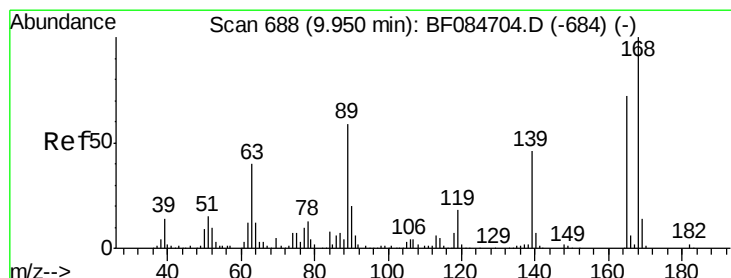
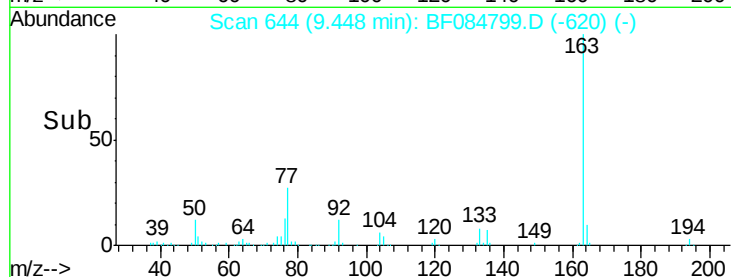
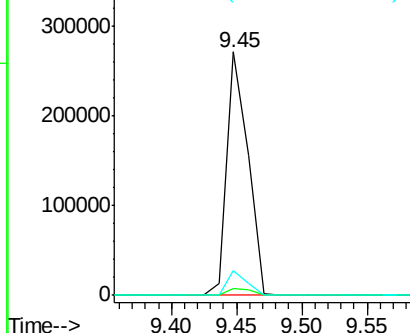
#49
Dimethylphthalate
Concen: 11.56 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084799.D
Acq: 3 Feb 2016 22:03

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

Tgt Ion:163 Resp: 304352
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.3 8.0 12.0

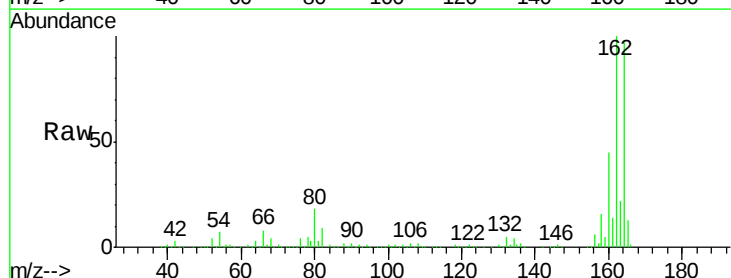


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

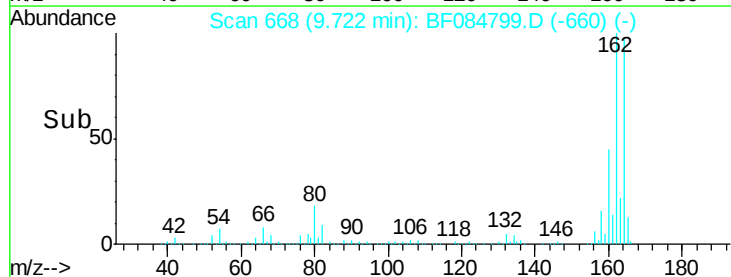
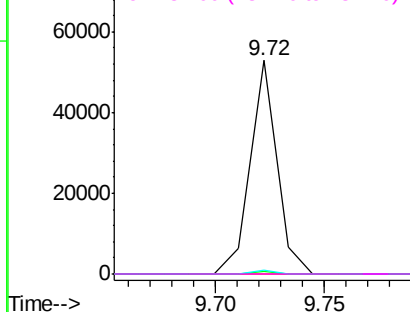


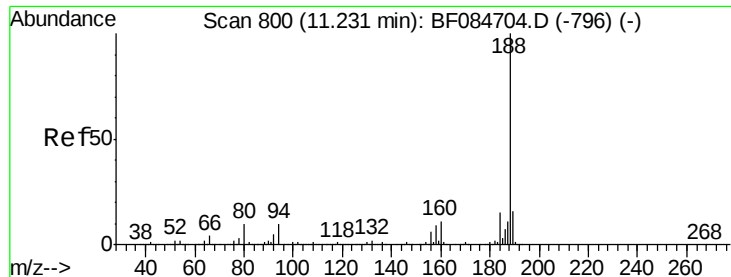
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084799.D
Acq: 3 Feb 2016 22:03

Tgt Ion:165 Resp: 45204
Ion Ratio Lower Upper
165 100
63 1.1 36.7 55.1#
89 1.7 61.9 92.9#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

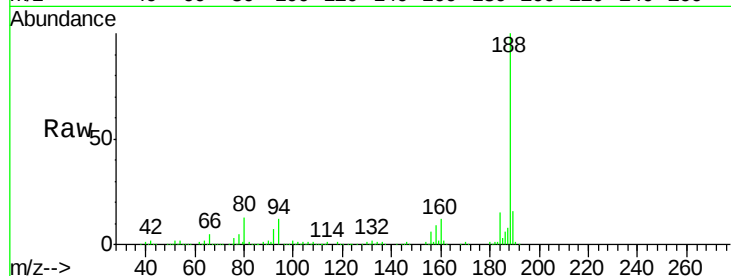




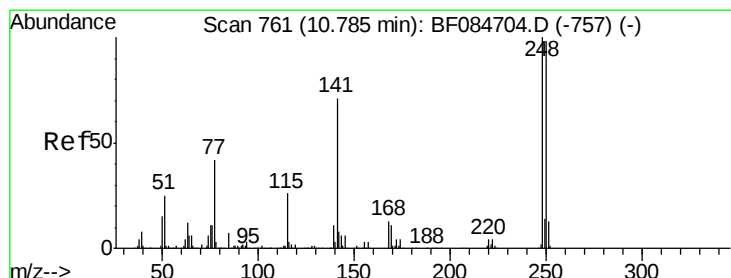
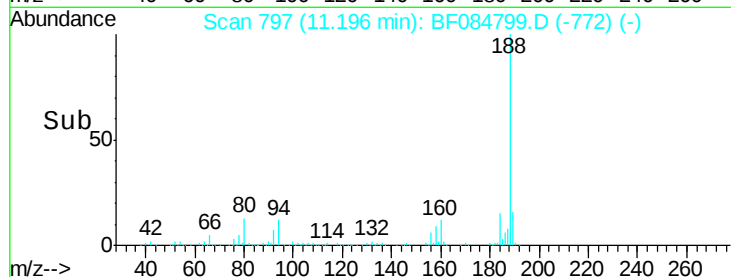
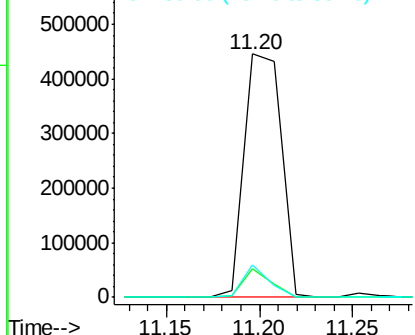
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084799.D
Acq: 3 Feb 2016 22:03

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

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

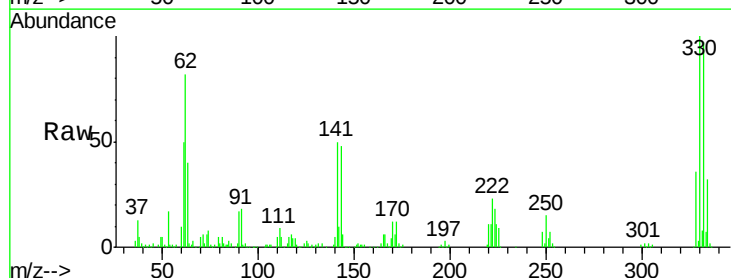


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

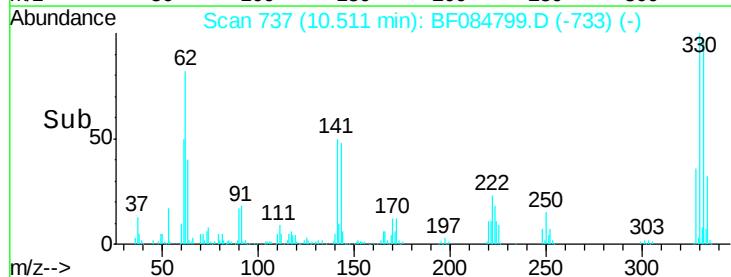
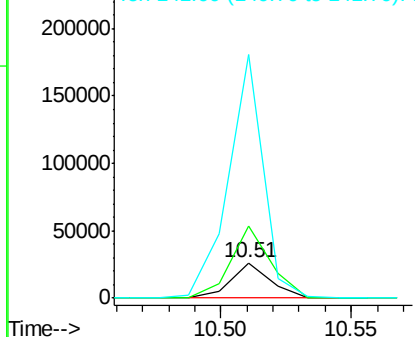


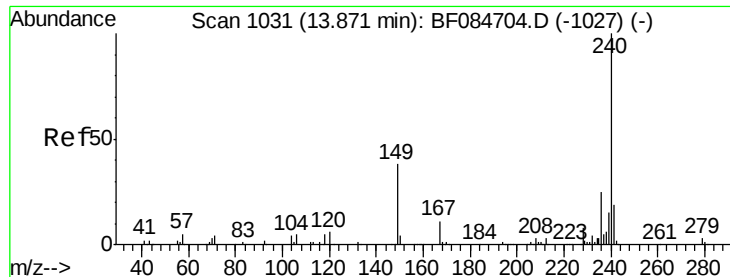
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084799.D
Acq: 3 Feb 2016 22:03

Tgt Ion:248 Resp: 27191
Ion Ratio Lower Upper
248 100
250 205.5 78.4 117.6#
141 693.0 44.0 66.0#



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





#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)

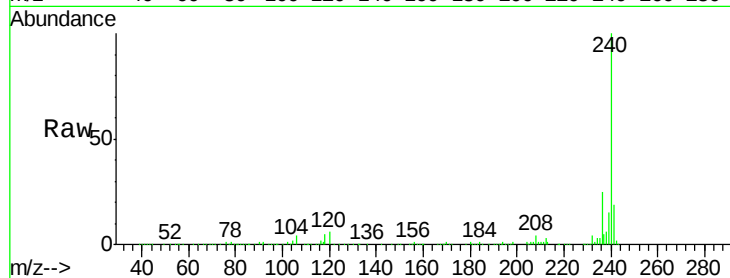
Tgt Ion:240 Resp: 525632

Ion Ratio Lower Upper

240 100

120 6.2 9.5 14.3#

236 24.9 20.6 31.0

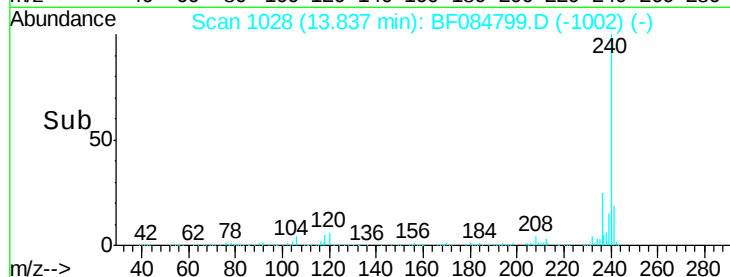


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.70 13.80 13.90 14.00



#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

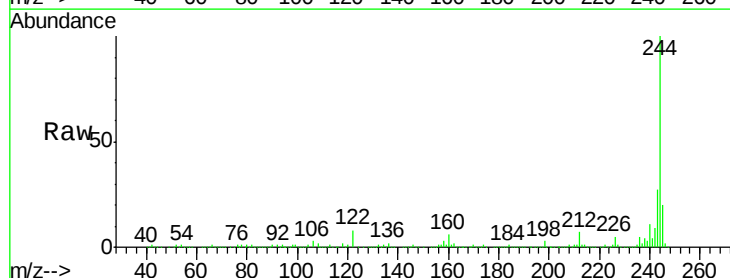
Tgt Ion:244 Resp: 1818924

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 7.8 7.4 11.0

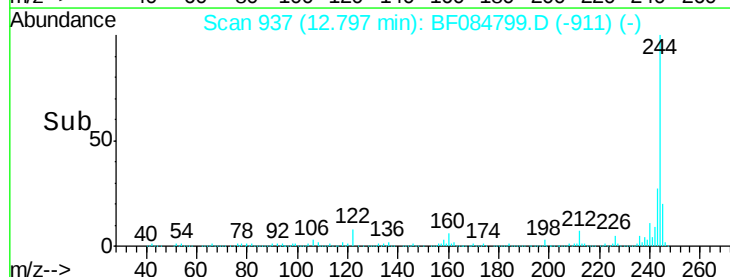


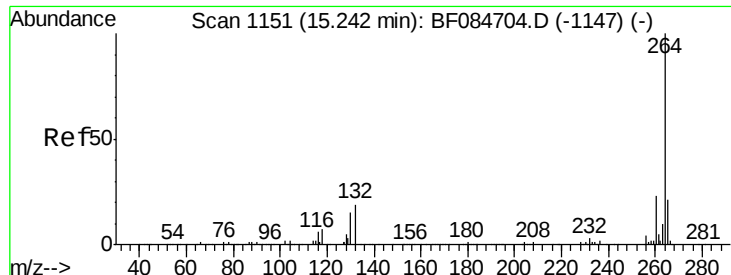
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 13.00

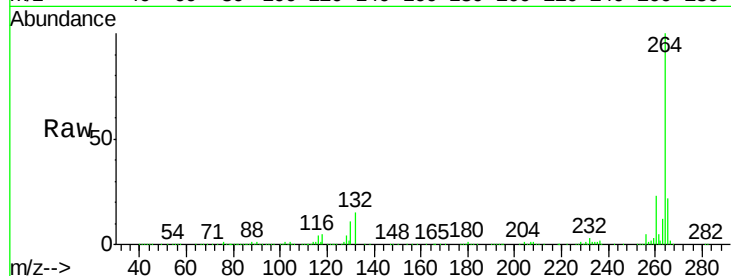




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084799.D
Acq: 3 Feb 2016 22:03

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

Tgt 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

