

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084763.D
 Acq On : 3 Feb 2016 00:41
 Operator : SJ/IZ
 Sample : PB88115BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BL

Quant Time: Feb 03 03:04:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	182652	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	810191	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	368444	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	673515	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	573203	20.00	ng	-0.02
86) Perylene-d12	15.22	264	393713	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	178765	15.24	ng	-0.02
7) Phenol-d6	6.34	99	225706	15.53	ng	-0.03
23) Nitrobenzene-d5	7.26	82	130526	9.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	54236	14.11	ng	-0.03
44) 2-Fluorobiphenyl	9.06	172	262879	8.34	ng	-0.03
78) Terphenyl-d14	12.80	244	270964	10.71	ng	-0.03

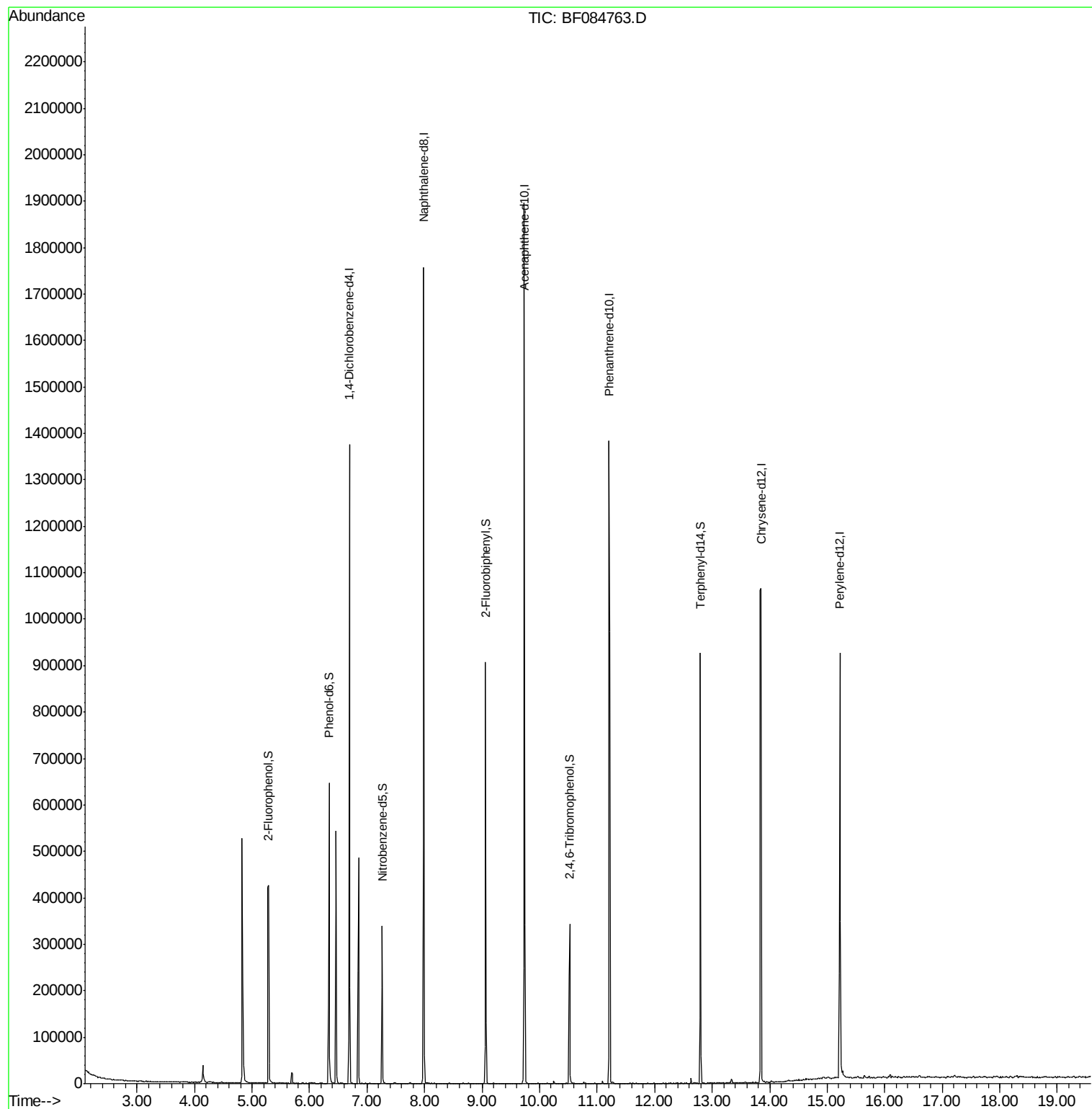
Target Compounds Qvalue

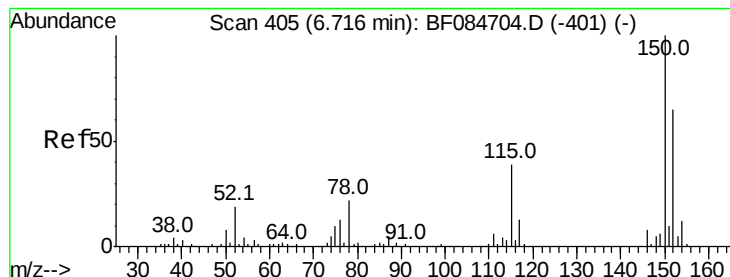
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB88115BL

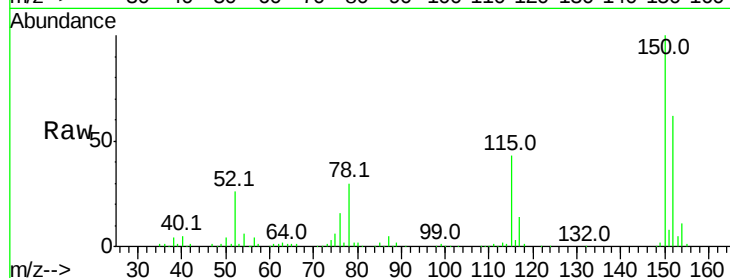
Tot Ion:152 Resp: 182652

Ion Ratio Lower Upper

152 100

150 161.0 123.0 184.4

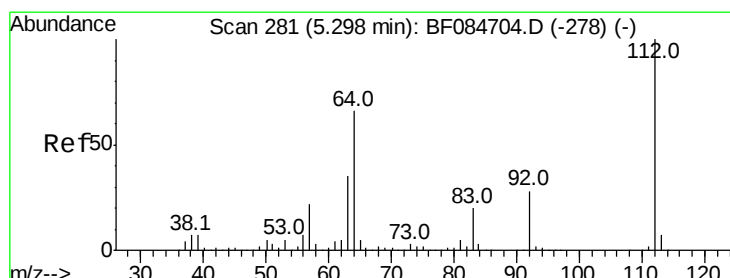
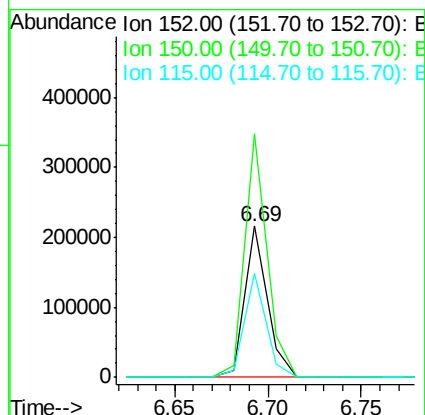
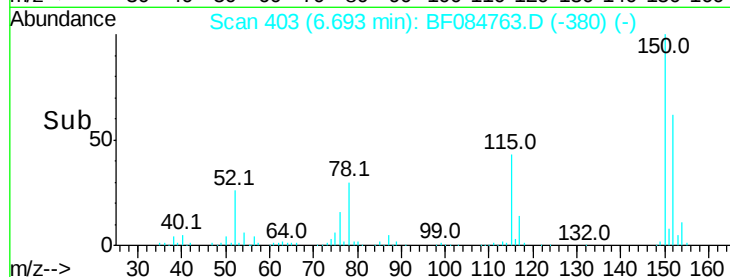
115 69.2 51.4 77.2



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: 15.24 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

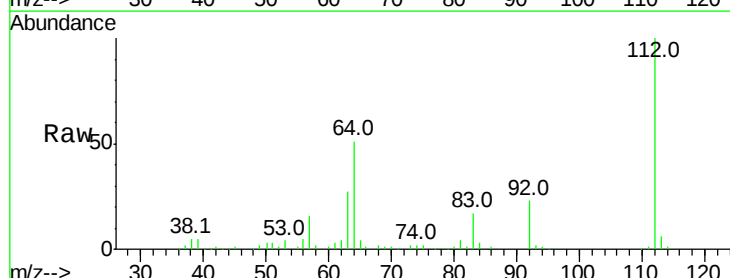
Tgt Ion:112 Resp: 178765

Ion Ratio Lower Upper

112 100

64 51.1 36.6 55.0

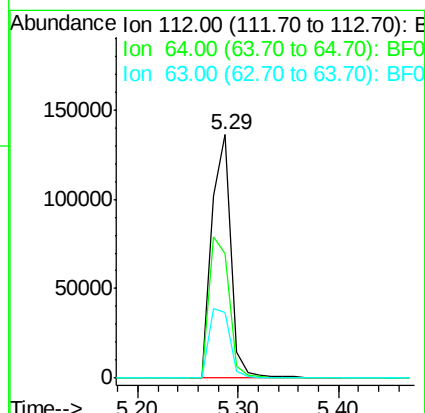
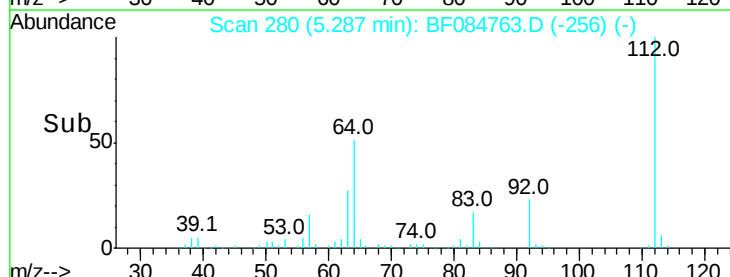
63 27.2 19.4 29.0

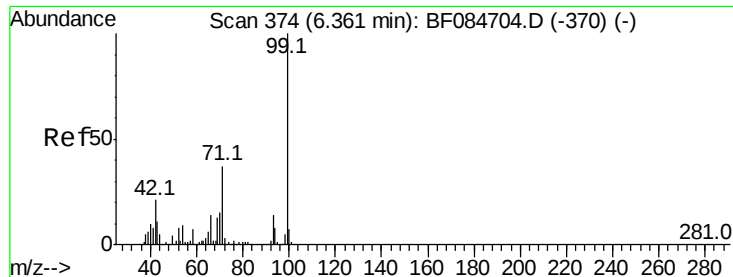


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.53 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.03 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB88115BL

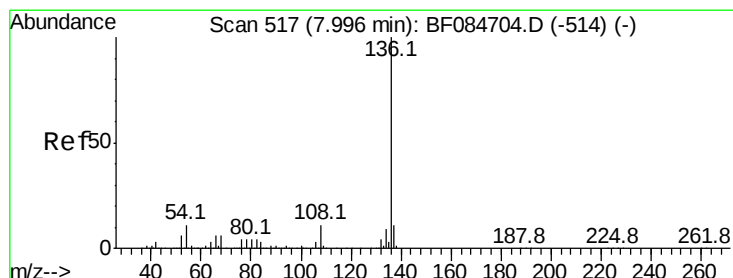
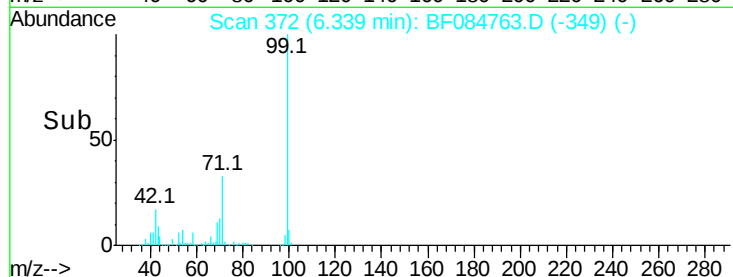
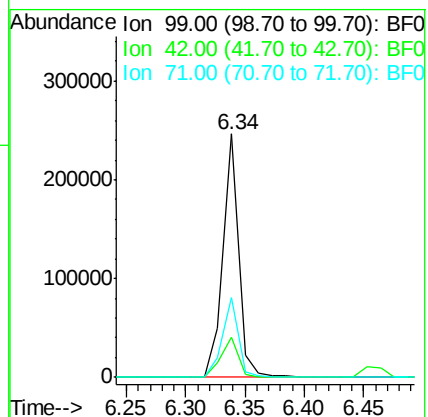
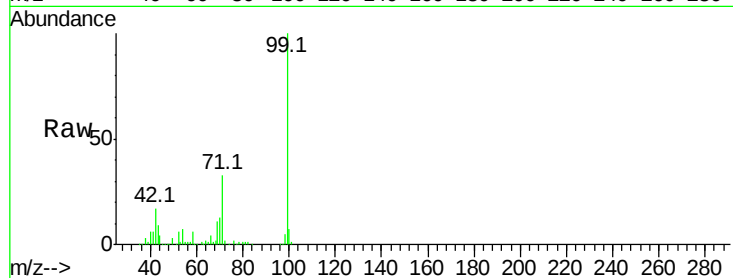
Tot Ion: 99 Resp: 225706

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

71 32.5 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

Tgt Ion: 136 Resp: 810191

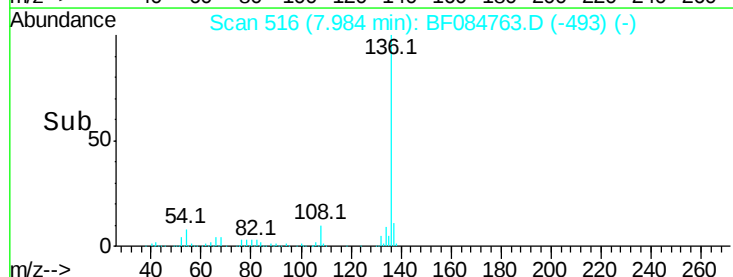
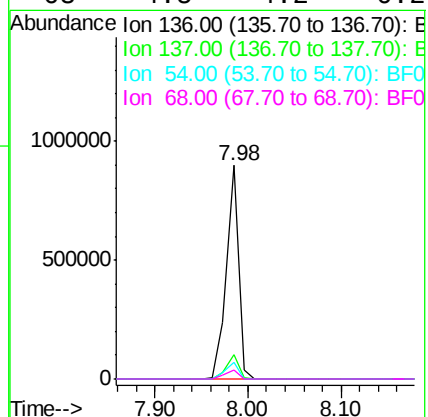
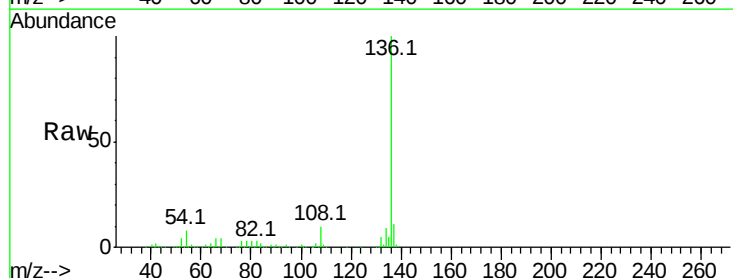
Ion Ratio Lower Upper

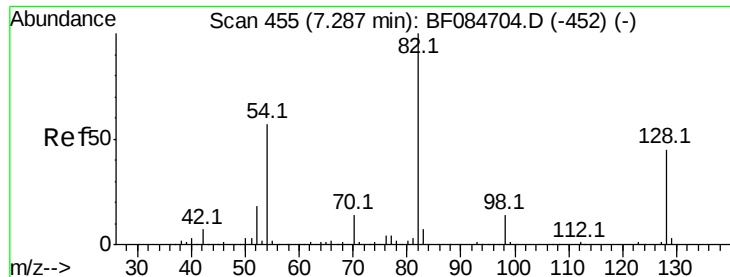
136 100

137 11.3 8.7 13.1

54 7.7 5.8 8.8

68 4.5 4.2 6.2

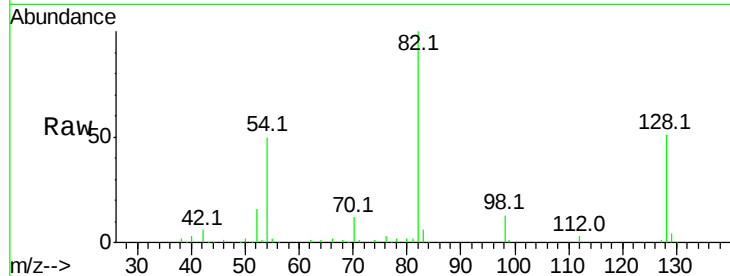




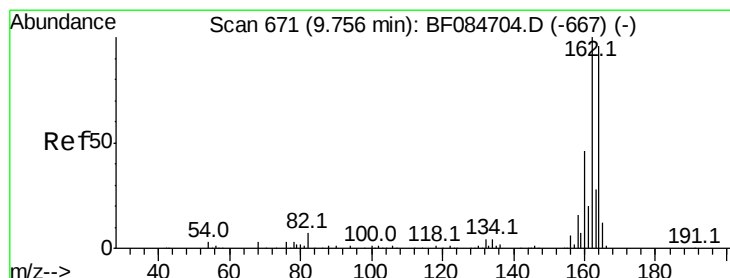
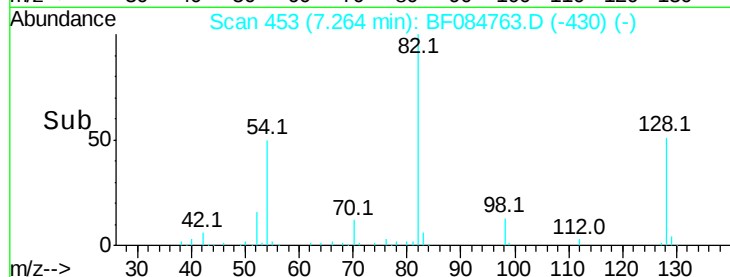
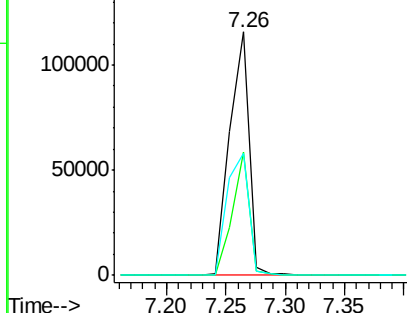
#23
Nitrobenzene-d5
Concen: 9.08 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084763.D
Acq: 3 Feb 2016 00:41

Instrument :
BNA_F
ClientSampleId :
PB88115BL

Tot Ion: 82 Resp: 130526
Ion Ratio Lower Upper
82 100
128 50.6 34.6 51.8
54 50.0 38.4 57.6

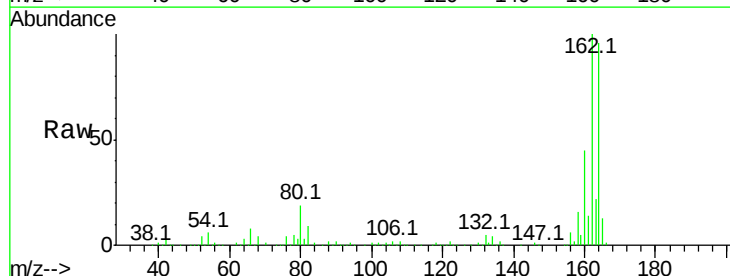


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

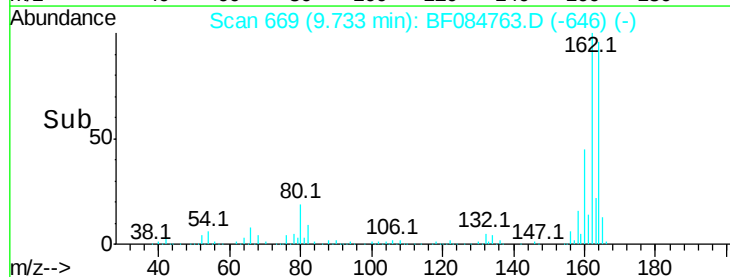
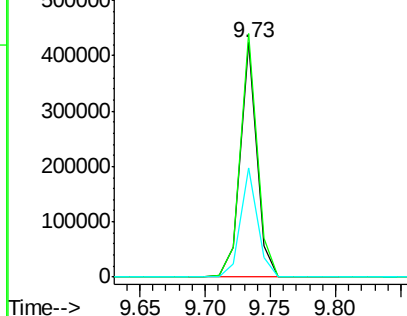


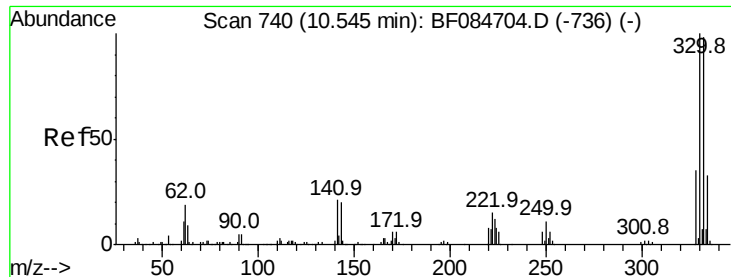
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084763.D
Acq: 3 Feb 2016 00:41

Tgt Ion:164 Resp: 368444
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 46.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

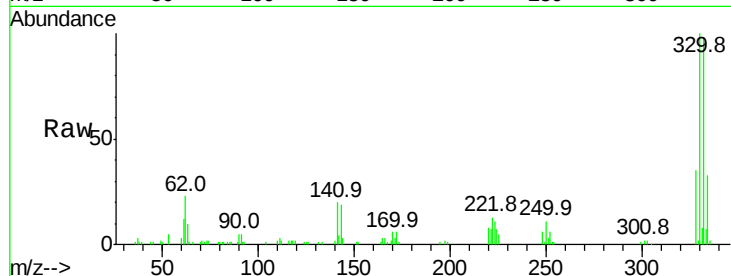




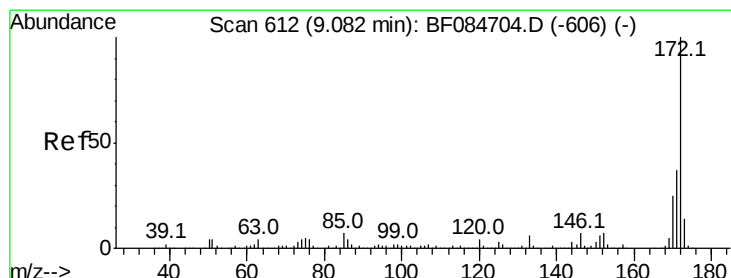
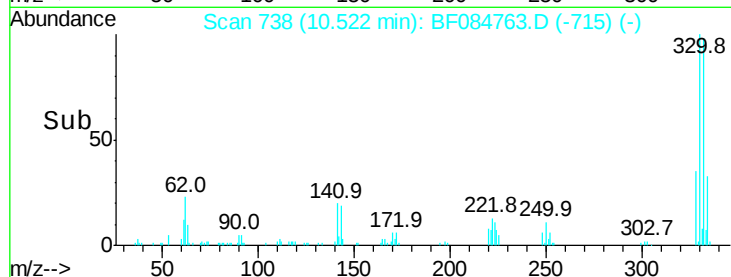
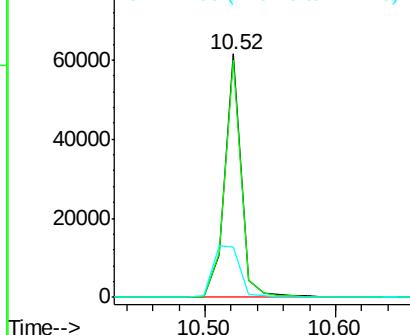
#41
 2,4,6-Tribromophenol
 Concen: 14.11 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084763.D
 Acq: 3 Feb 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 PB88115BL

Tot Ion:330 Resp: 54236
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 34.4 27.8 41.6

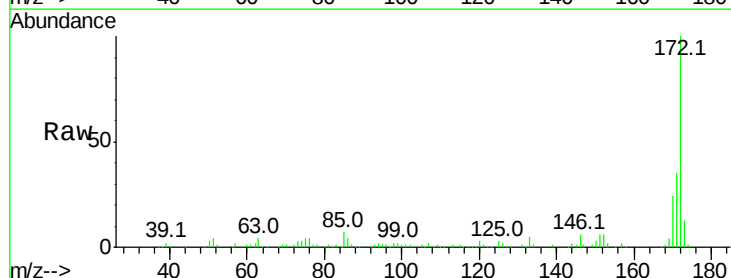


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

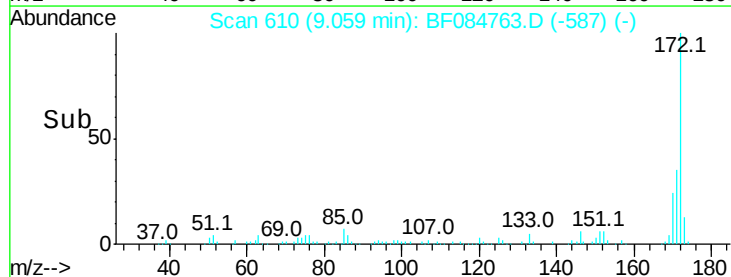
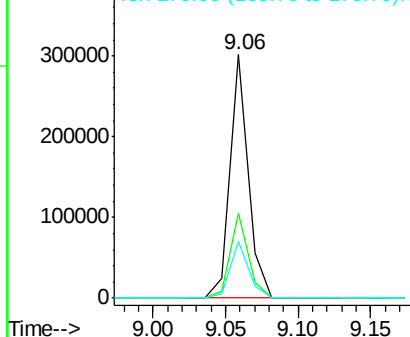


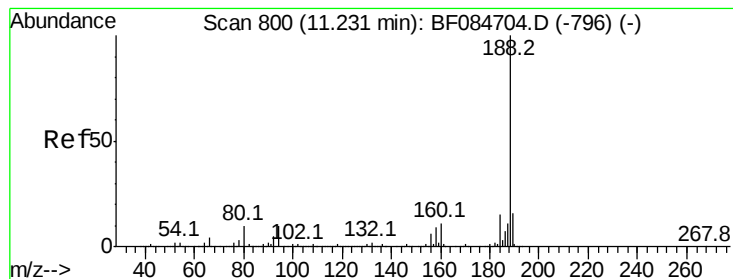
#44
 2-Fluorobiphenyl
 Concen: 8.34 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF084763.D
 Acq: 3 Feb 2016 00:41

Tgt Ion:172 Resp: 262879
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.5 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

Instrument :

BNA_F

ClientSampleId :

PB88115BL

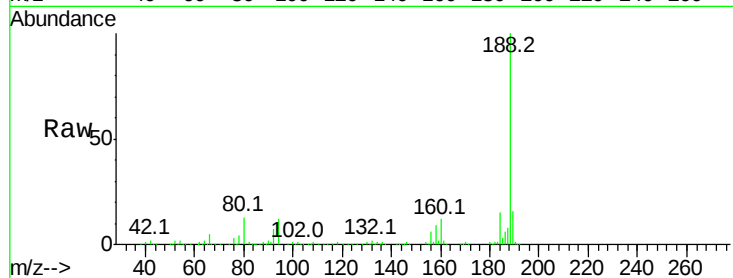
Tot Ion:188 Resp: 673515

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.4

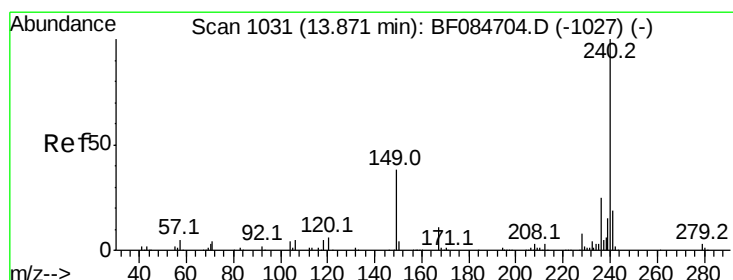
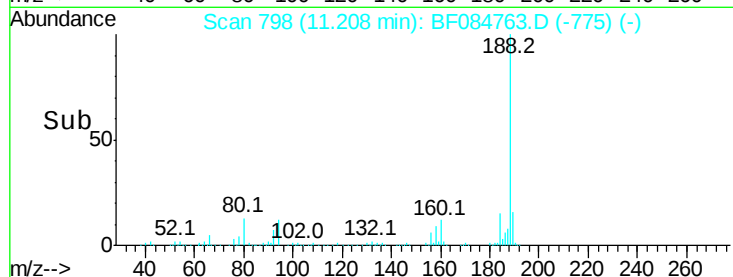
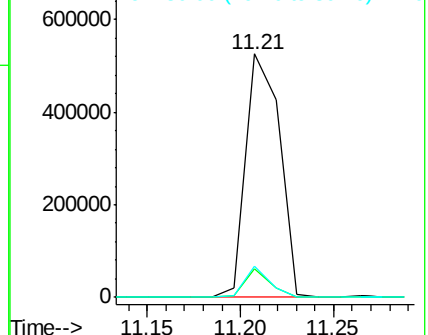
80 12.7 9.6 14.4



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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

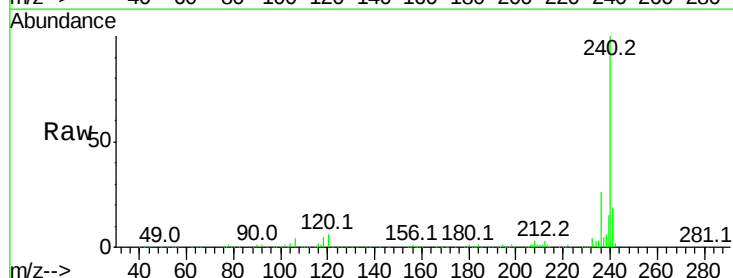
Tgt Ion:240 Resp: 573203

Ion Ratio Lower Upper

240 100

120 6.4 9.5 14.3#

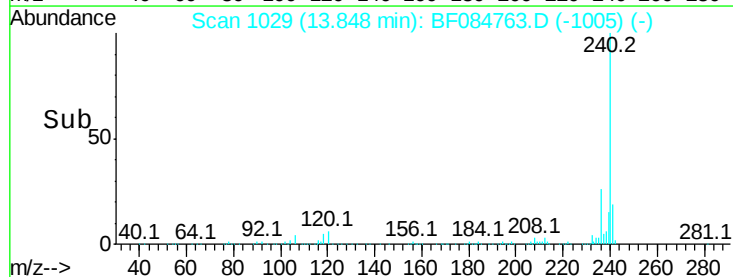
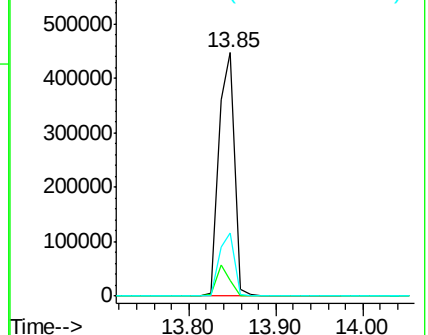
236 25.7 20.6 31.0

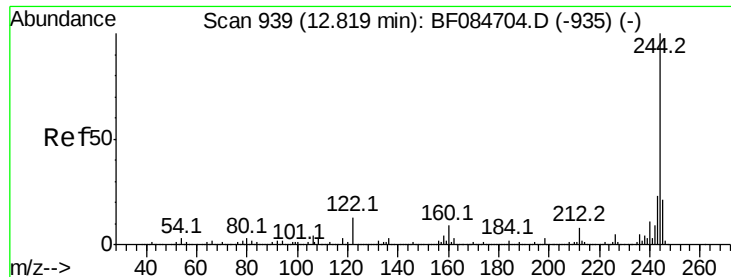


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.71 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

Instrument :

BNA_F

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PB88115BL

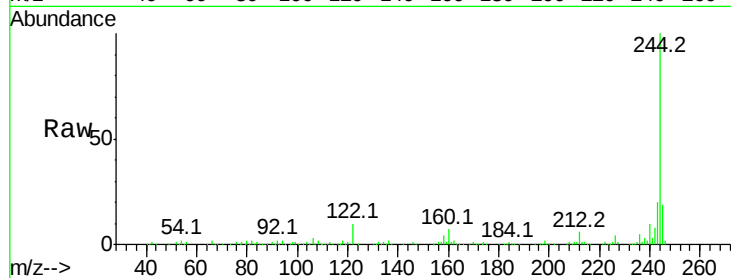
Tot Ion:244 Resp: 270964

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

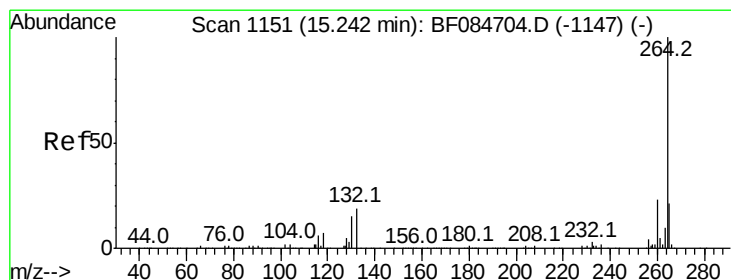
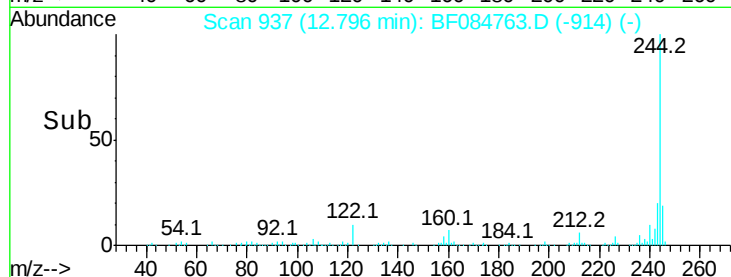
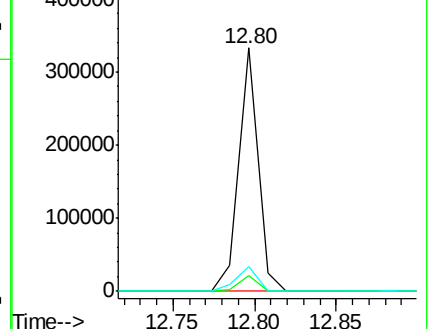
122 10.4 7.4 11.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084763.D

Acq: 3 Feb 2016 00:41

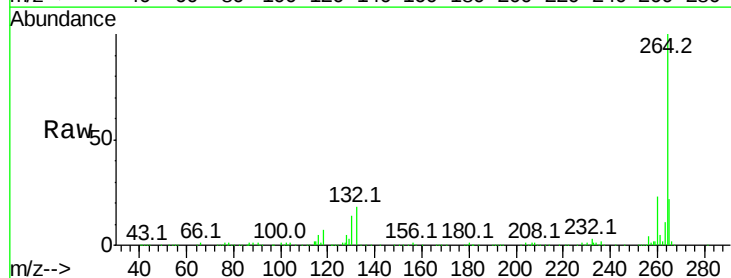
Tgt Ion:264 Resp: 393713

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 22.3 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

