

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077703.D
 Acq On : 11 Mar 2015 23:50
 Operator : TP/IZ
 Sample : PB82075BL
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BL

Quant Time: Mar 12 06:11:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	56184	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	228031	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	120723	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	246700	20.00	ng	0.00
75) Chrysene-d12	16.03	240	236389	20.00	ng	0.00
86) Perylene-d12	17.73	264	223229	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	401329	124.68	ng	0.00
7) Phenol-d6	6.74	99	504351	126.82	ng	0.00
23) Nitrobenzene-d5	7.86	82	279483	80.34	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	134223	116.20	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	645453	78.57	ng	0.00
78) Terphenyl-d14	14.75	244	805945	83.28	ng	0.00

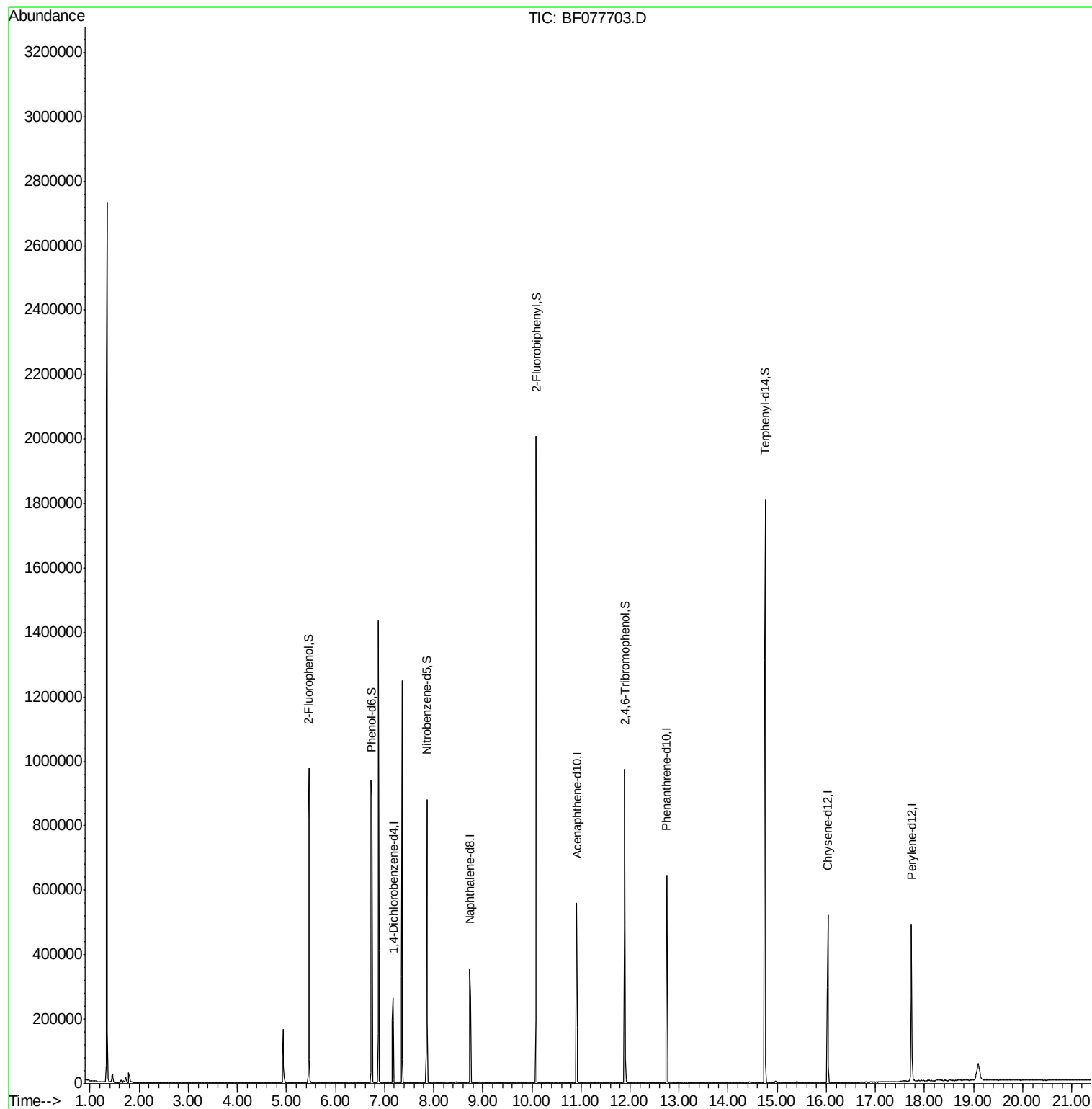
Target Compounds Qvalue

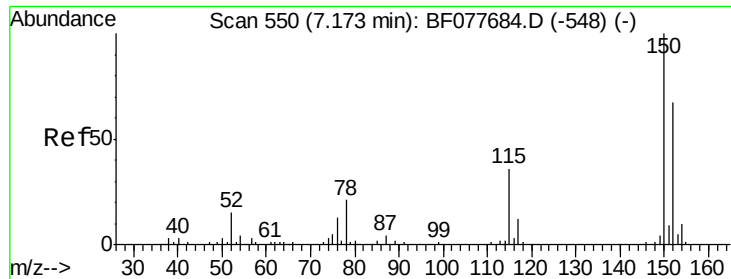
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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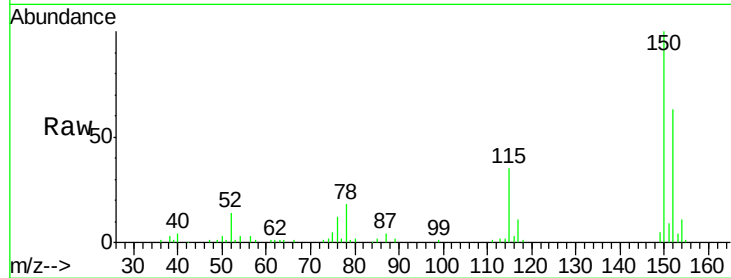


#1

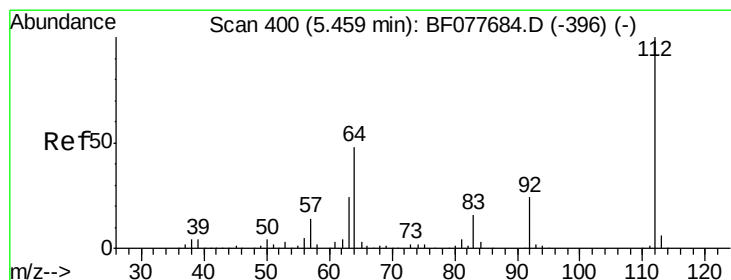
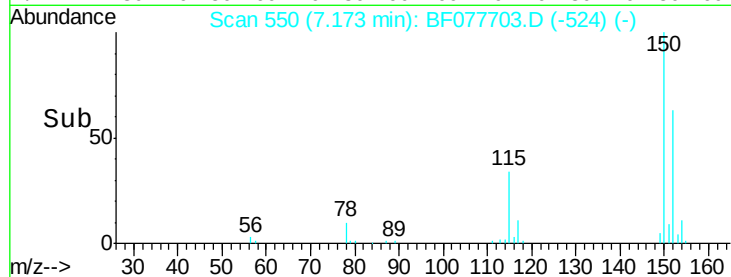
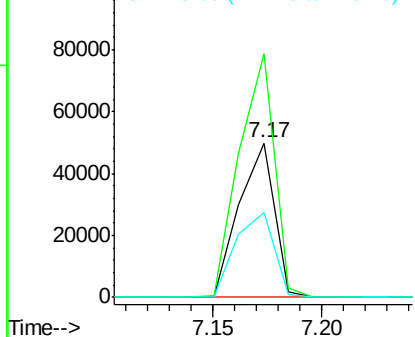
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF077703.D
Acq: 11 Mar 2015 23:50

Instrument :
BNA_F
ClientSampled :
PB82075BL

Tot Ion:152 Resp: 56184
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 54.7 43.0 64.4



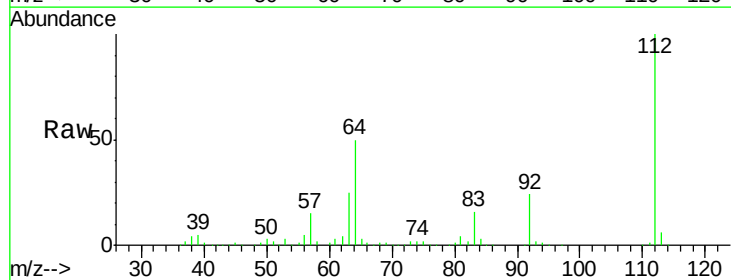
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



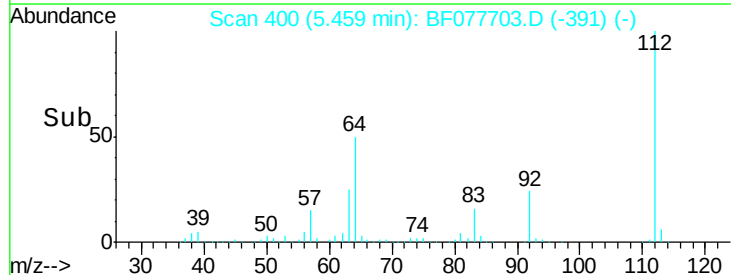
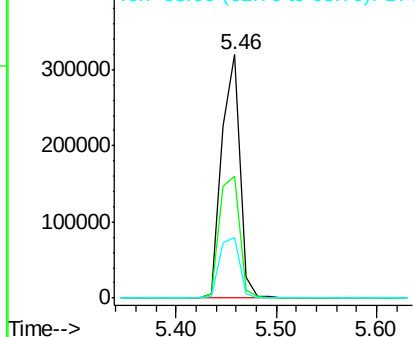
#5

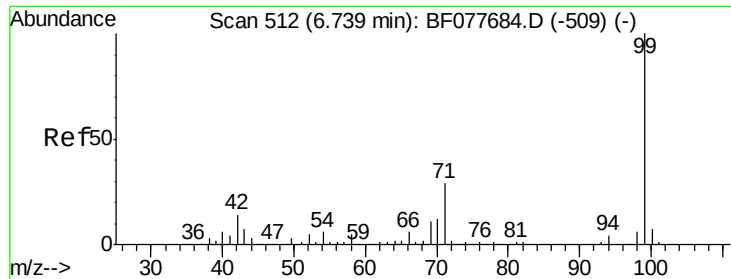
2-Fluorophenol
Concen: 124.68 ng
RT: 5.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF077703.D
Acq: 11 Mar 2015 23:50

Tgt Ion:112 Resp: 401329
Ion Ratio Lower Upper
112 100
64 50.1 38.6 57.8
63 24.7 19.3 28.9



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: 126.82 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82075BL

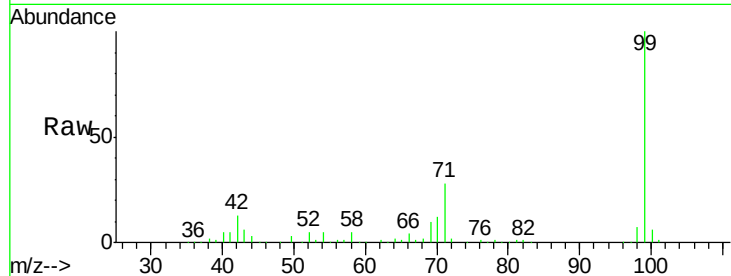
Tot Ion: 99 Resp: 504351

Ion Ratio Lower Upper

99 100

42 12.7 11.0 16.4

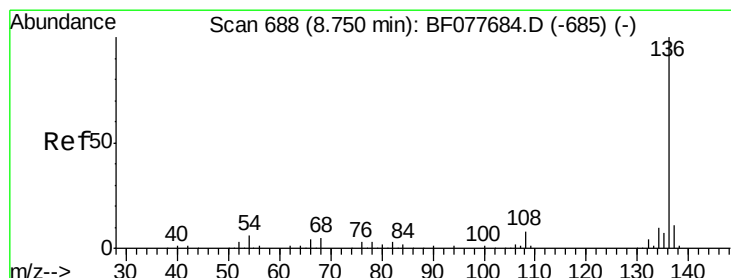
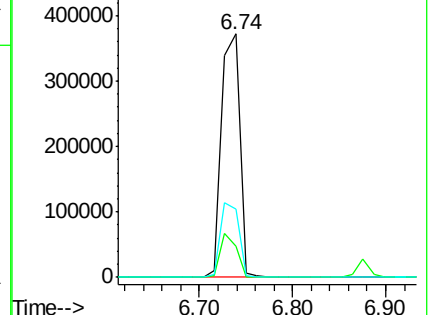
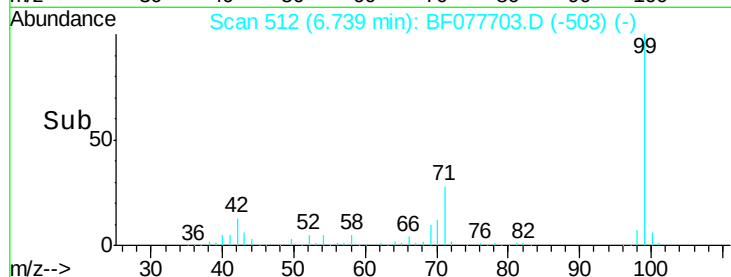
71 27.8 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

Tgt Ion: 136 Resp: 228031

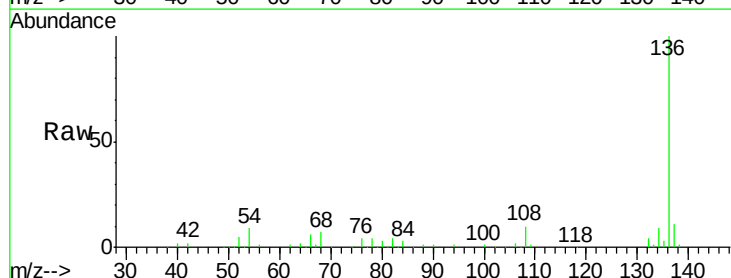
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.0 4.6 6.8#

68 6.9 3.7 5.5#

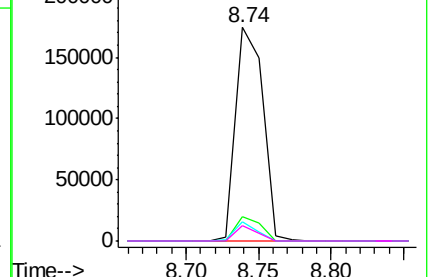
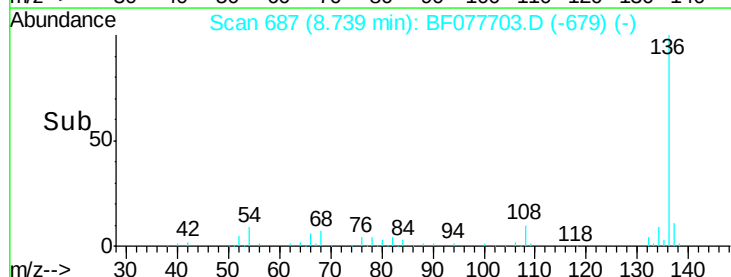


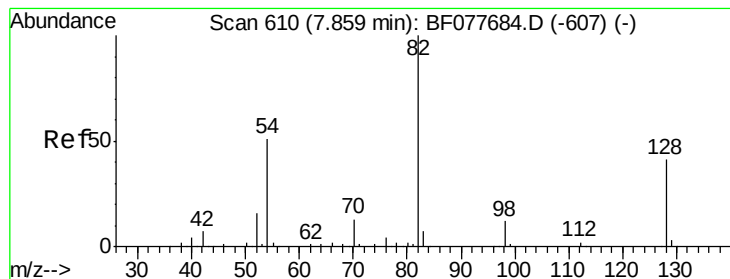
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.34 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82075BL

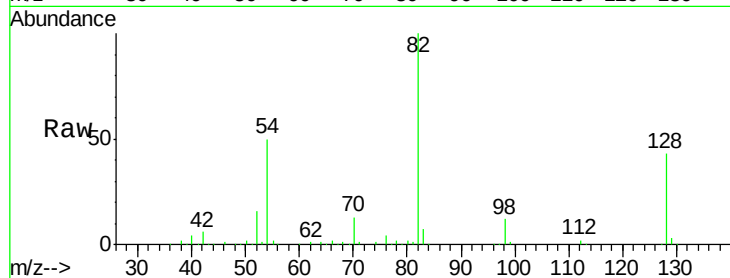
Tot Ion: 82 Resp: 279483

Ion Ratio Lower Upper

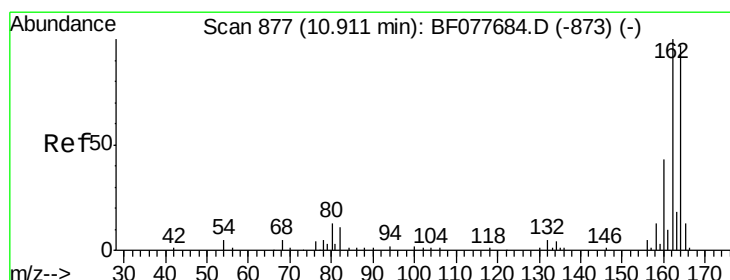
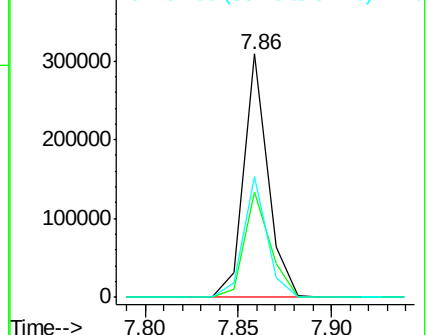
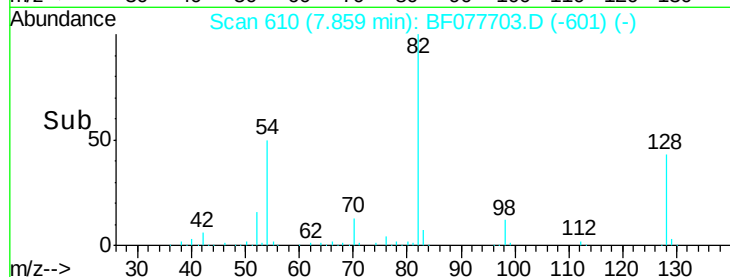
82 100

128 43.3 32.8 49.2

54 49.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077703.D (-601) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

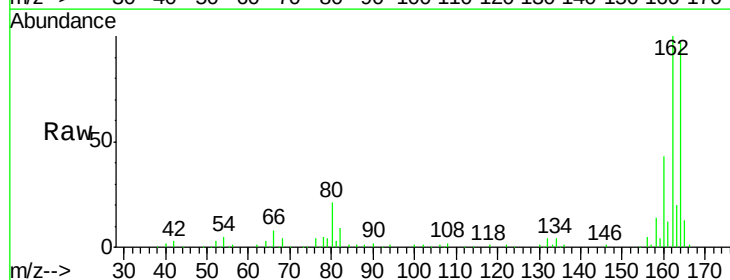
Tgt Ion:164 Resp: 120723

Ion Ratio Lower Upper

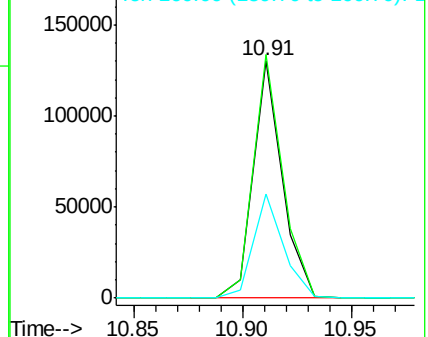
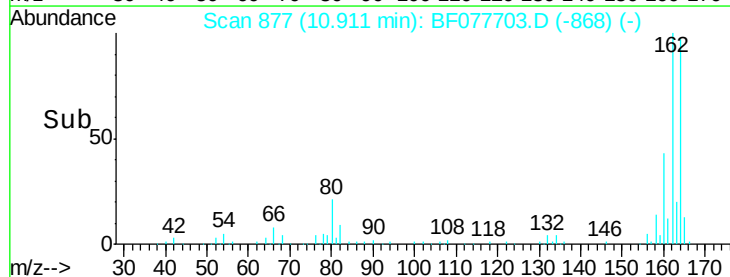
164 100

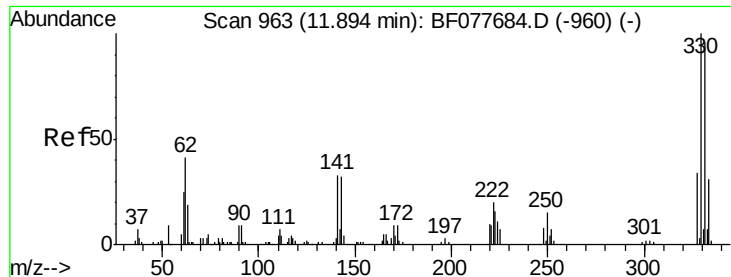
162 102.6 82.4 123.6

160 44.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077703.D (-868) (-)

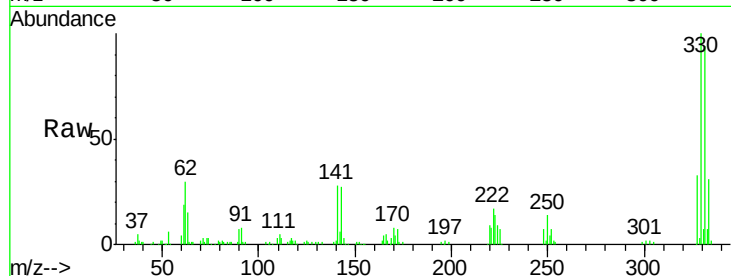




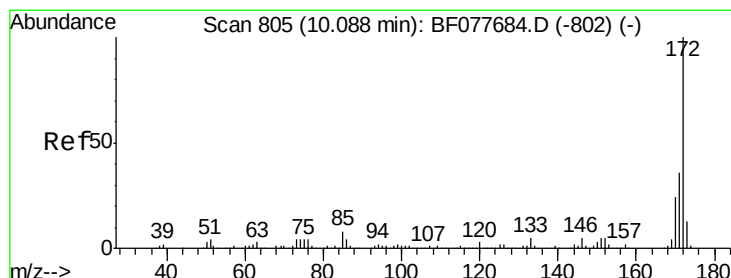
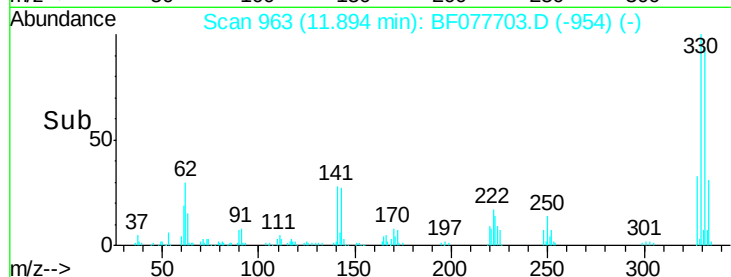
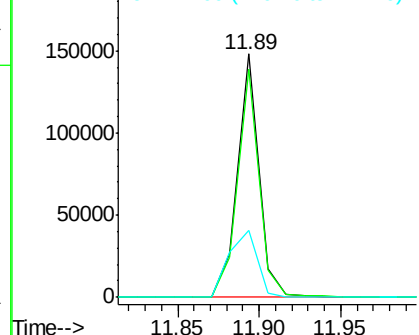
#41
 2,4,6-Tribromophenol
 Concen: 116.20 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077703.D
 Acq: 11 Mar 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82075BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	36.5	0.0	0.0#

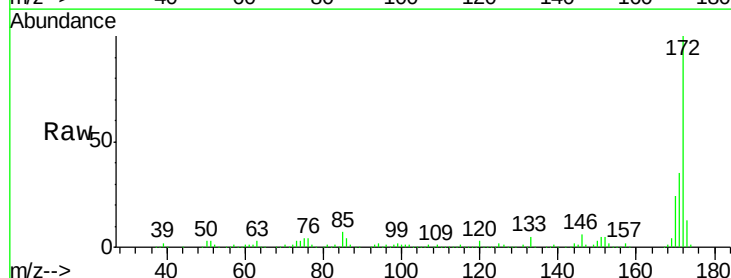


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

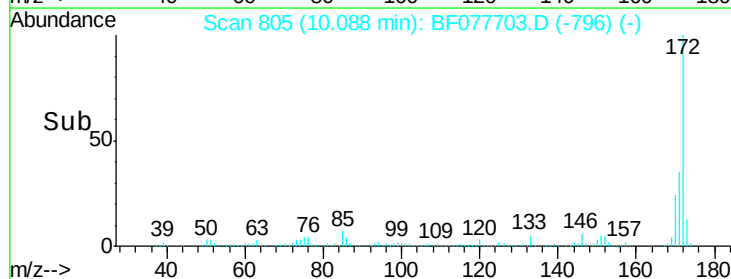
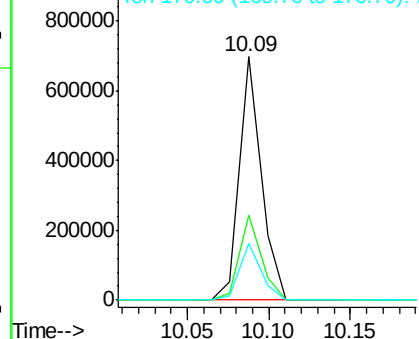


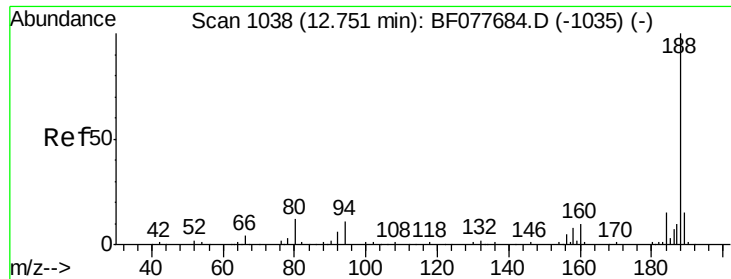
#44
 2-Fluorobiphenyl
 Concen: 78.57 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077703.D
 Acq: 11 Mar 2015 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	18.8	28.2



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: 12.75 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82075BL

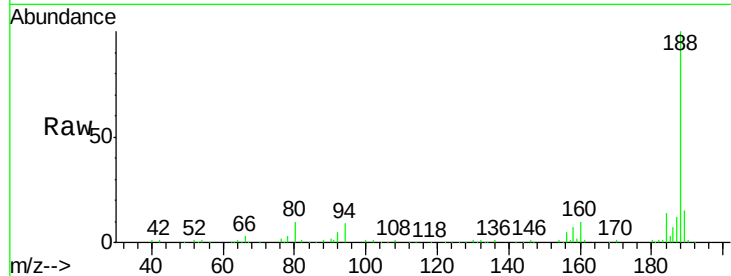
Tot Ion:188 Resp: 246700

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

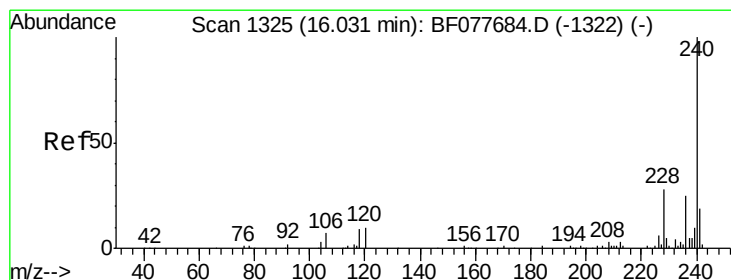
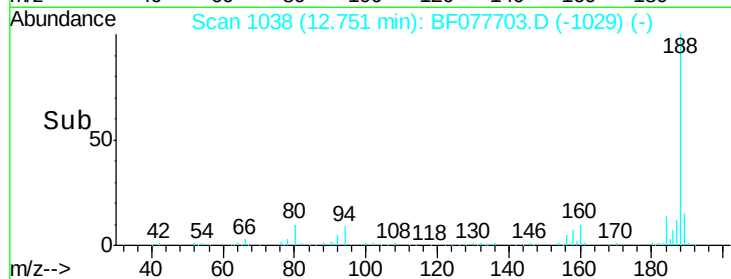
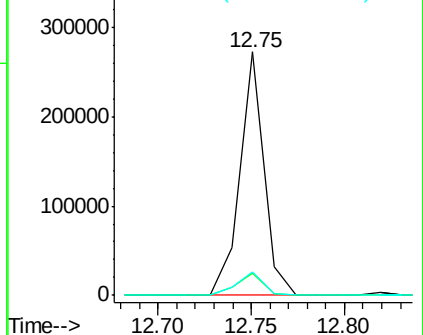
80 9.8 9.3 13.9



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: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

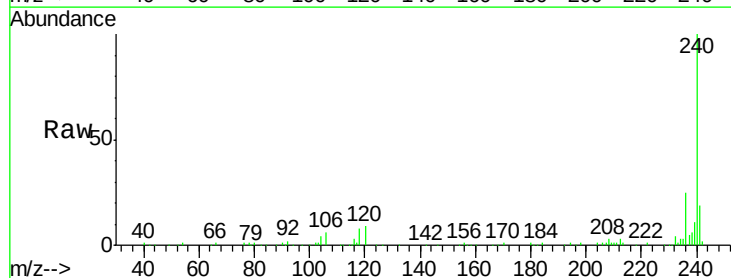
Tgt Ion:240 Resp: 236389

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

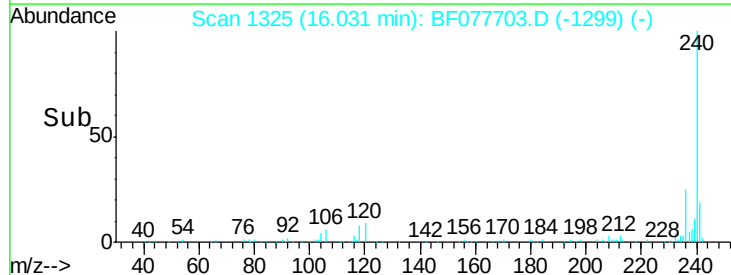
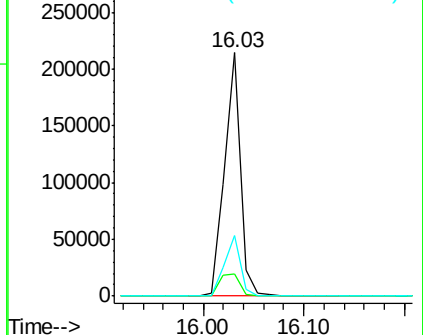
236 25.1 20.0 30.0

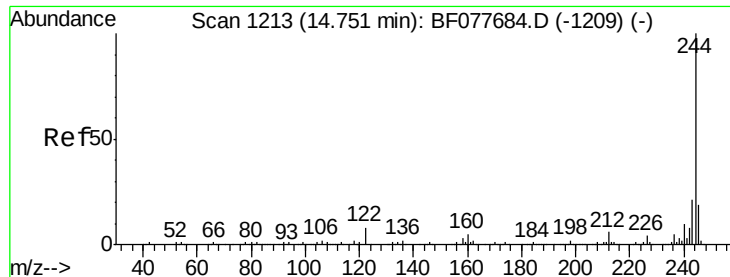


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.28 ng

RT: 14.75 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82075BL

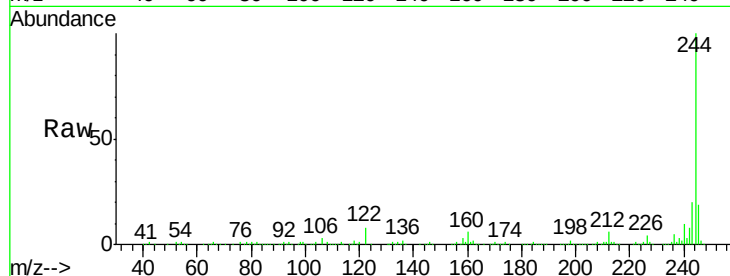
Tot Ion:244 Resp: 805945

Ion Ratio Lower Upper

244 100

212 6.1 4.9 7.3

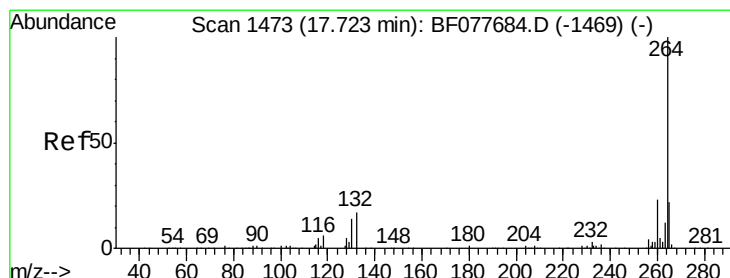
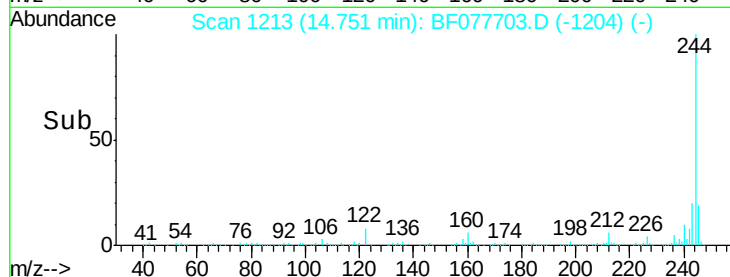
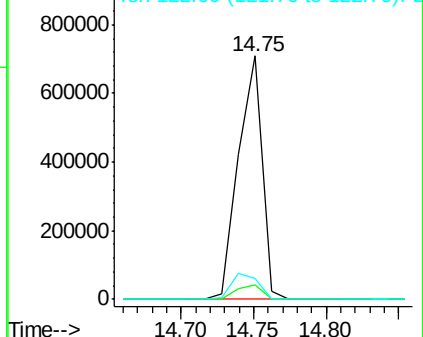
122 8.3 6.2 9.4



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: 17.73 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF077703.D

Acq: 11 Mar 2015 23:50

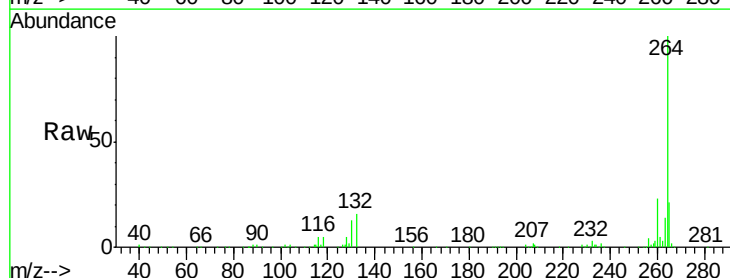
Tgt Ion:264 Resp: 223229

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.1 17.3 25.9



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

