

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077664.D
 Acq On : 10 Mar 2015 16:43
 Operator : TP/IZ
 Sample : PB82015BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BL

Quant Time: Mar 11 01:13:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	48505	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	193286	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	95193	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	183858	20.00	ng	0.00
75) Chrysene-d12	16.05	240	221292	20.00	ng	-0.03
86) Perylene-d12	17.77	264	218067	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	384463	132.32	ng	0.00
7) Phenol-d6	6.75	99	445180	119.17	ng	0.00
23) Nitrobenzene-d5	7.88	82	238669	76.79	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	106491	116.18	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	536451	87.87	ng	0.00
78) Terphenyl-d14	14.76	244	677606	71.58	ng	0.00

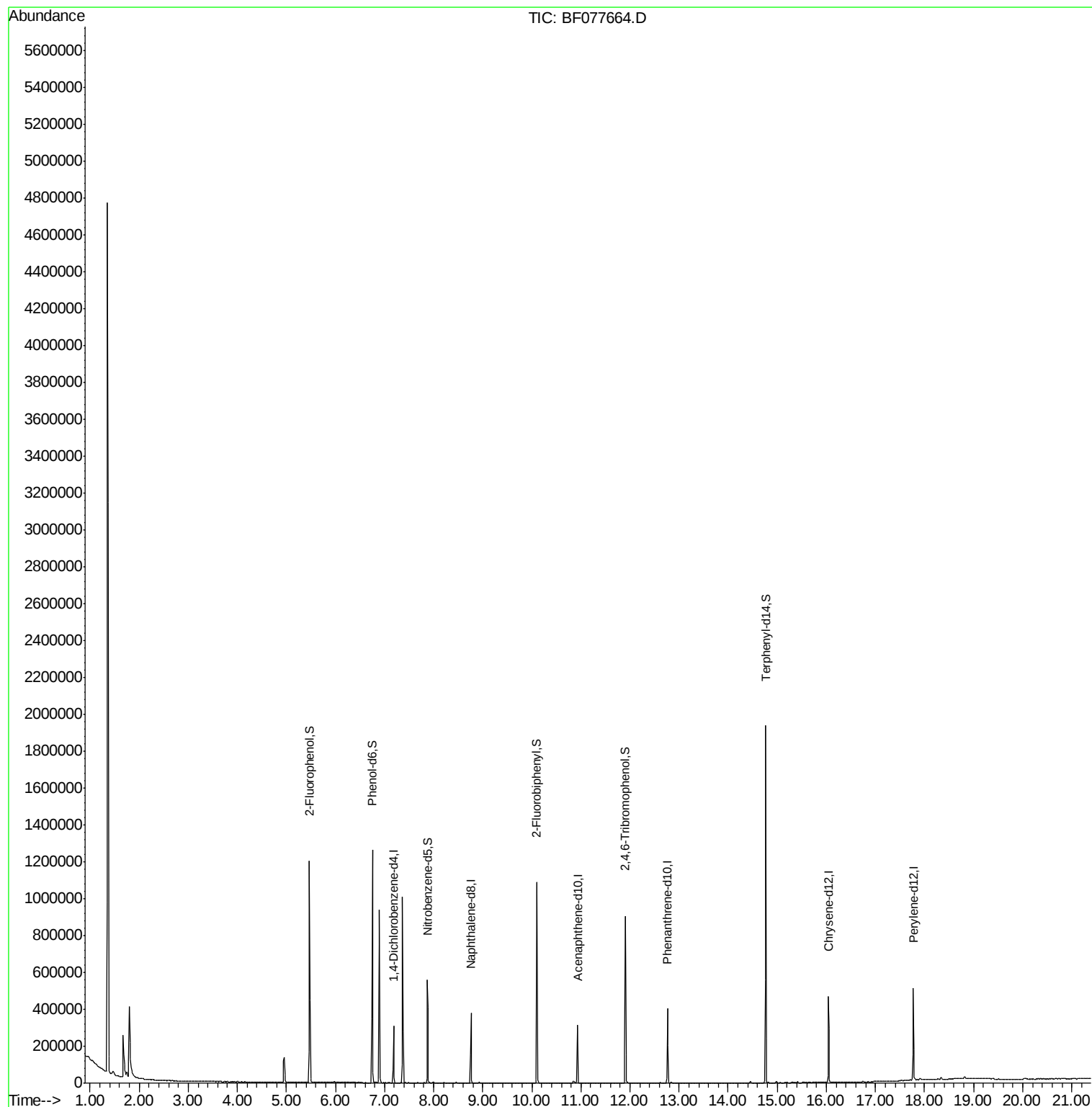
Target Compounds Qvalue

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

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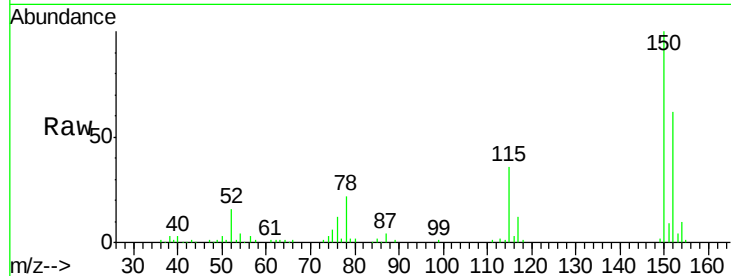


#1

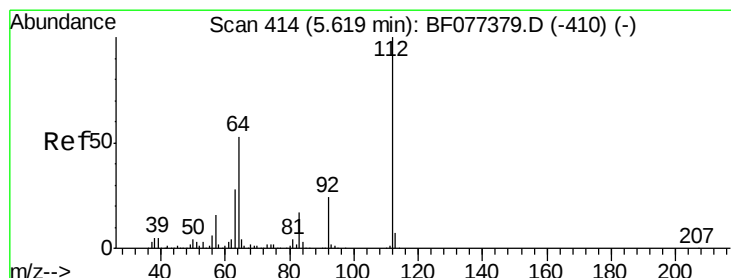
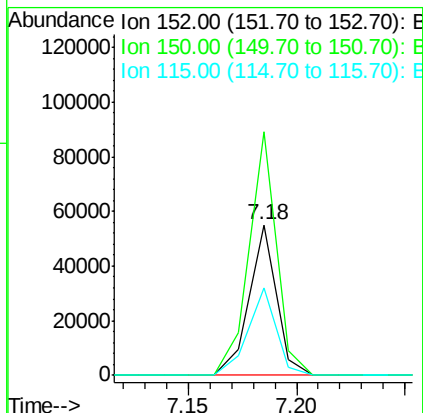
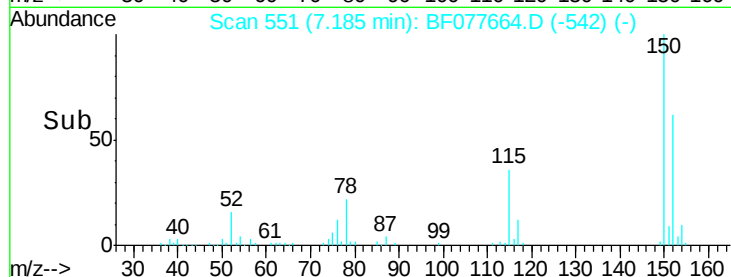
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BL

Tot Ion:152 Resp: 48505
 Ion Ratio Lower Upper
 152 100
 150 161.6 124.0 186.0
 115 57.6 49.4 74.2



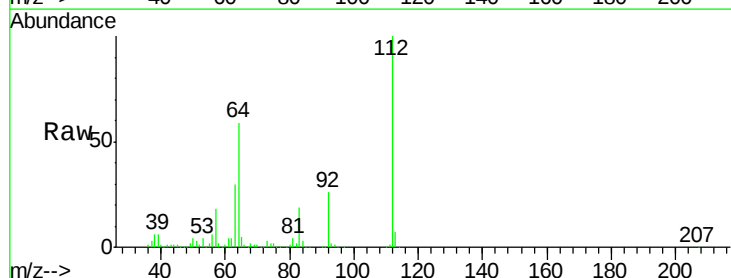
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



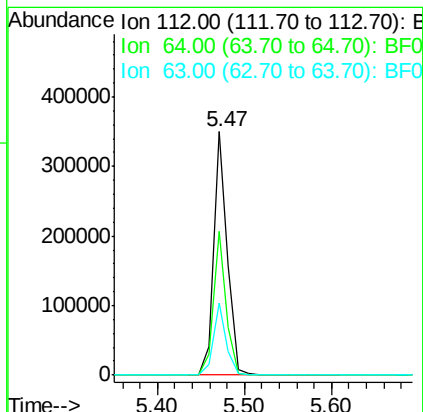
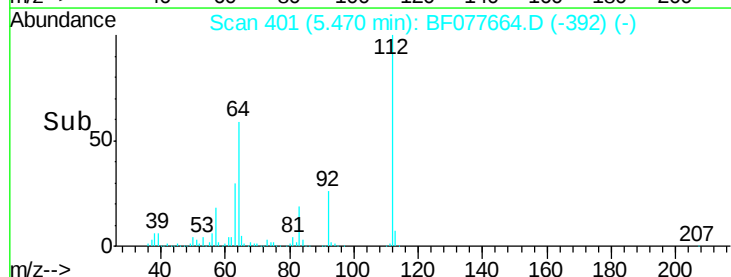
#5

2-Fluorophenol
 Concen: 132.32 ng
 RT: 5.47 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Tgt Ion:112 Resp: 384463
 Ion Ratio Lower Upper
 112 100
 64 59.0 48.5 72.7
 63 29.9 25.0 37.4



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: 119.17 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077664.D

Acq: 10 Mar 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB82015BL

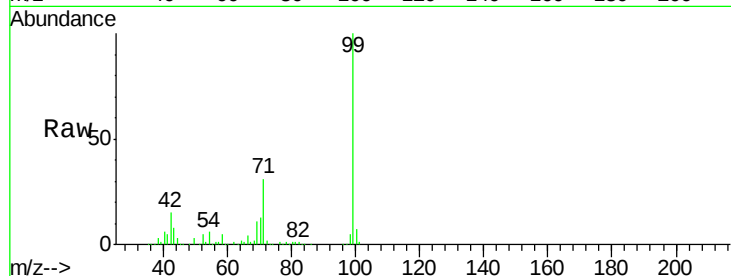
Tot Ion: 99 Resp: 445180

Ion Ratio Lower Upper

99 100

42 15.4 16.2 24.4#

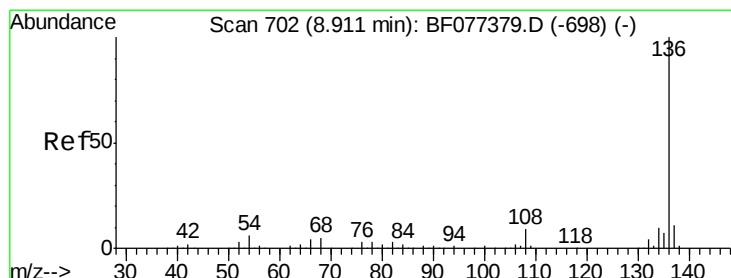
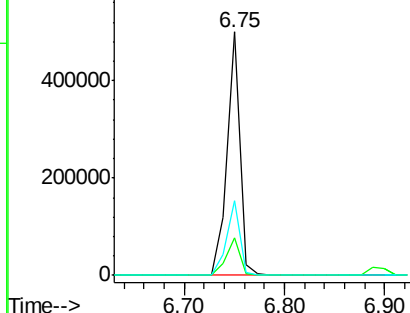
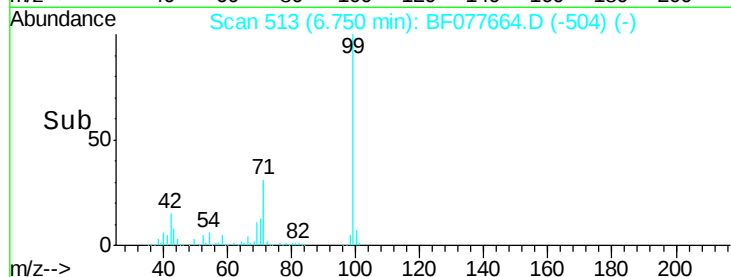
71 30.9 26.7 40.1



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: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077664.D

Acq: 10 Mar 2015 16:43

Tgt Ion: 136 Resp: 193286

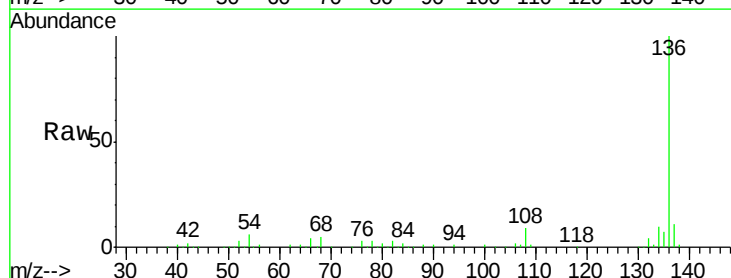
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.9 6.2 9.4#

68 4.8 5.0 7.6#

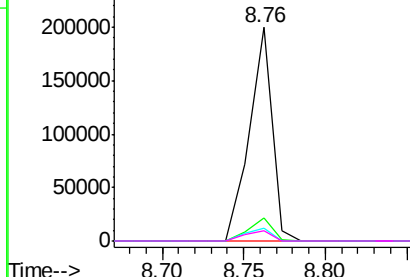
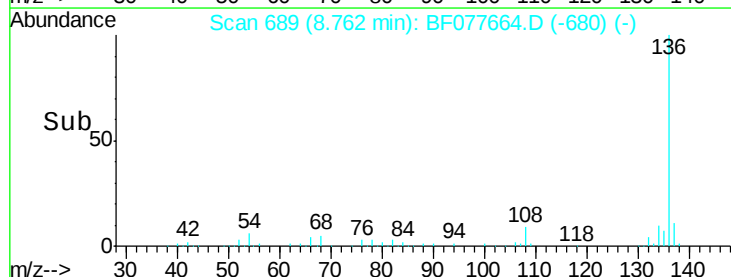


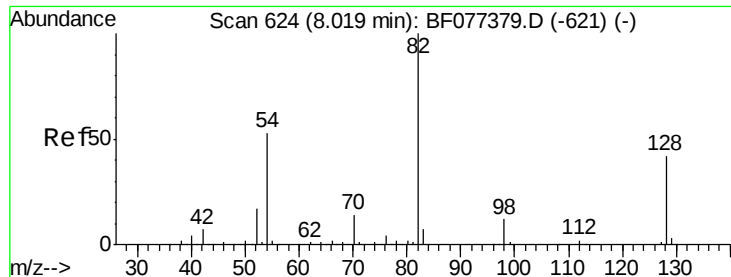
Abundance Ion 136.00 (135.70 to 136.70): E

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

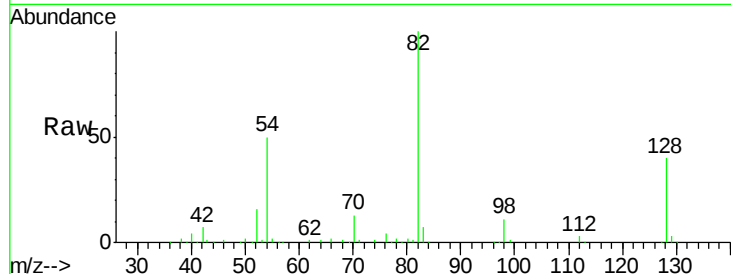




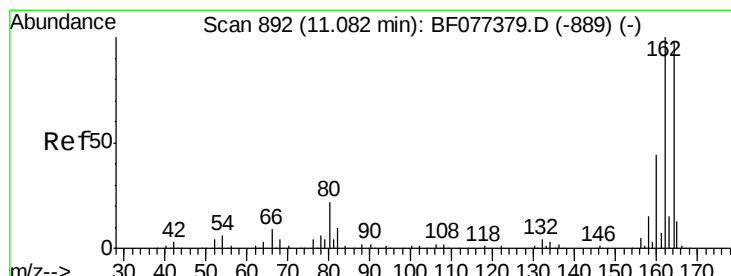
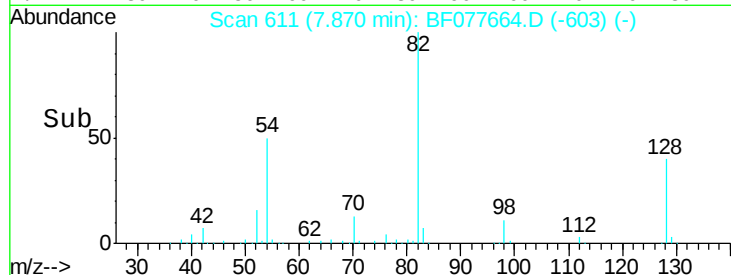
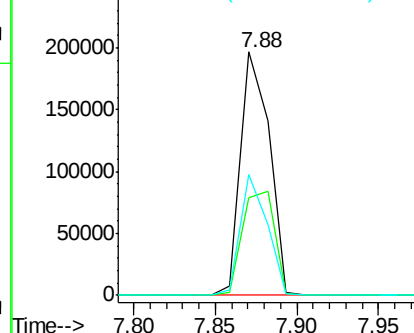
#23
 Nitrobenzene-d5
 Concen: 76.79 ng
 RT: 7.88 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Instrument :
 BNA_F
 ClientSampled :
 PB82015BL

Tot Ion	82	Resp	238669
Ion Ratio	100	Lower	Upper
128	39.9	43.8	65.8#
54	49.7	36.7	55.1

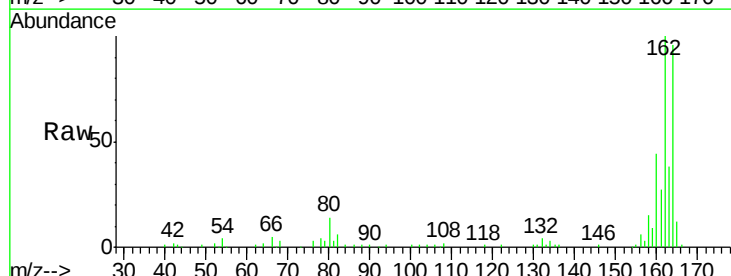


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

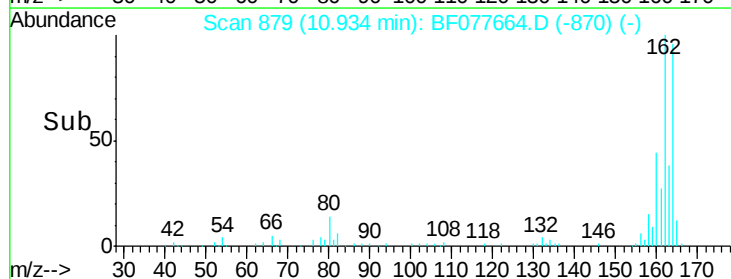
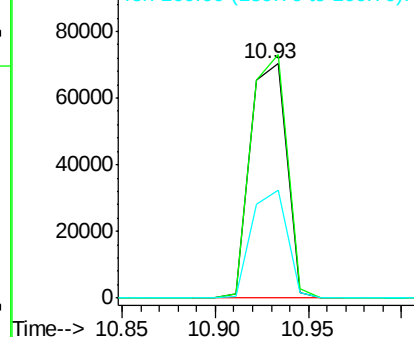


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Tgt Ion	164	Resp	95193
Ion Ratio	100	Lower	Upper
162	103.8	83.2	124.8
160	46.0	34.6	52.0



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

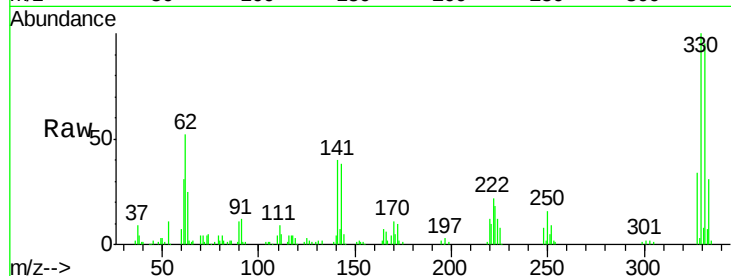




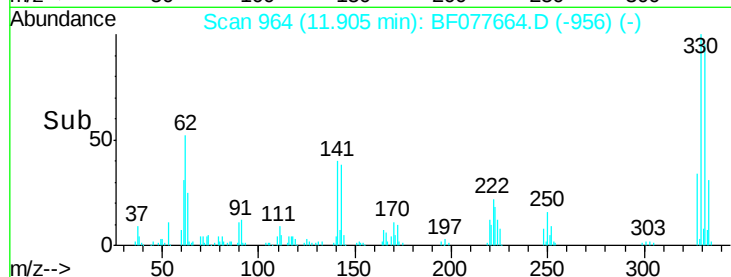
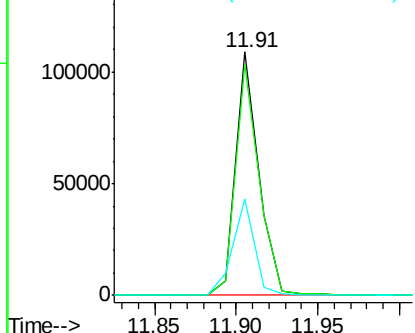
#41
 2,4,6-Tribromophenol
 Concen: 116.18 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Instrument :
 BNA_F
 ClientSampleID :
 PB82015BL

Tot Ion:330 Resp: 106491
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 37.1 28.8 43.2

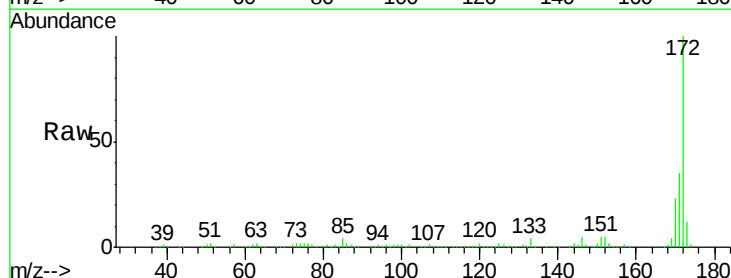


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

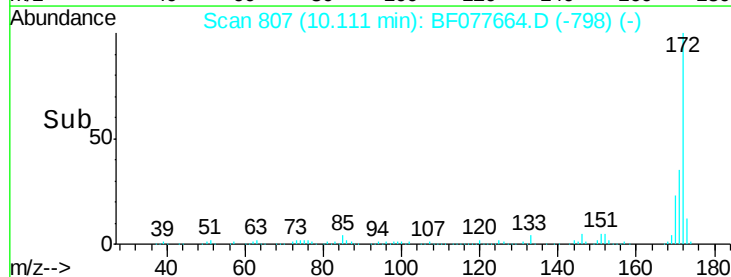
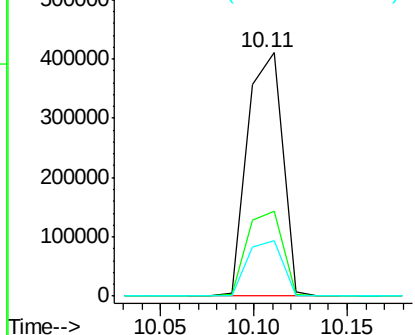


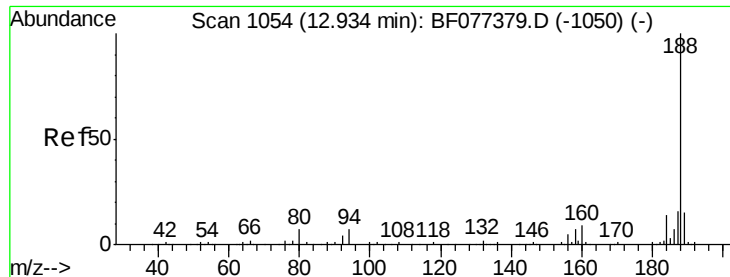
#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Tgt Ion:172 Resp: 536451
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 22.6 19.4 29.2



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

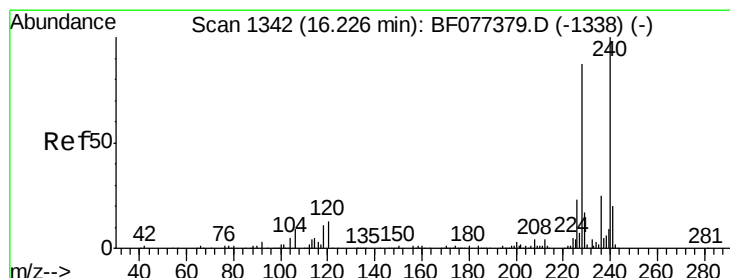
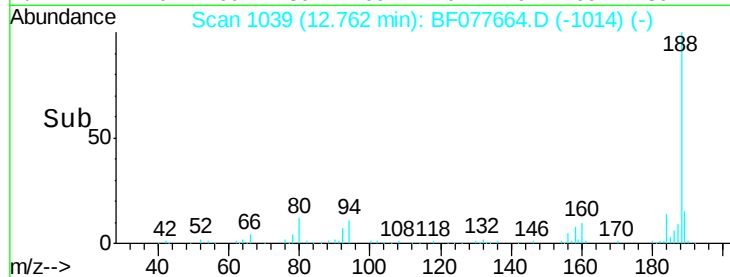
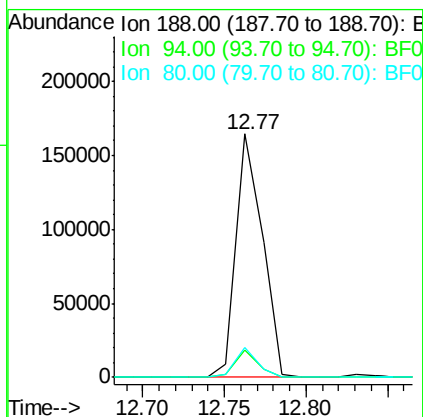
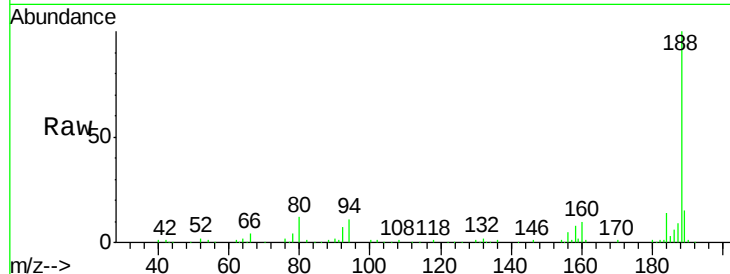




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077664.D
Acq: 10 Mar 2015 16:43

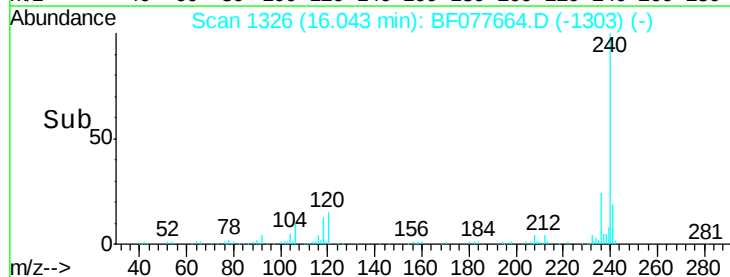
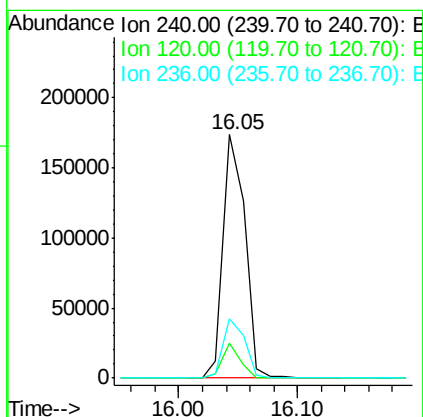
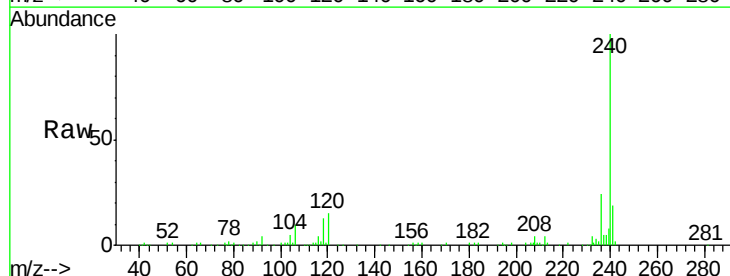
Instrument :
BNA_F
ClientSampleId :
PB82015BL

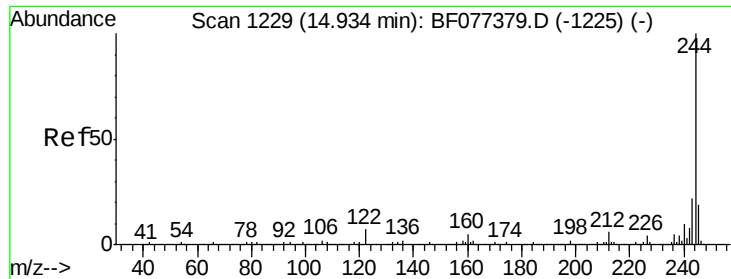
Tot Ion:188 Resp: 183858
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.2#
80 12.4 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BF077664.D
Acq: 10 Mar 2015 16:43

Tgt Ion:240 Resp: 221292
Ion Ratio Lower Upper
240 100
120 14.5 8.8 13.2#
236 24.5 20.7 31.1

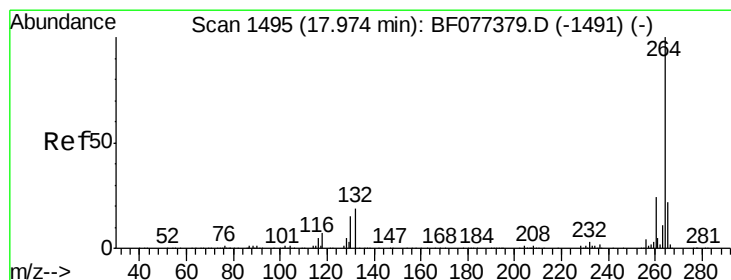
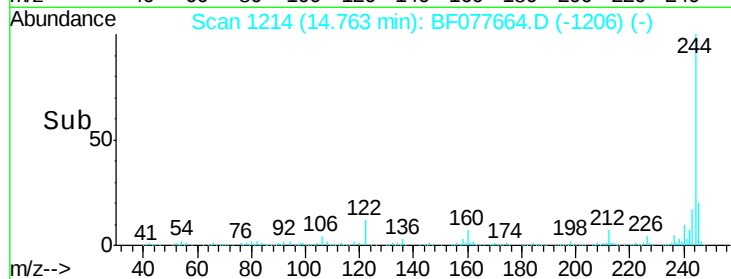
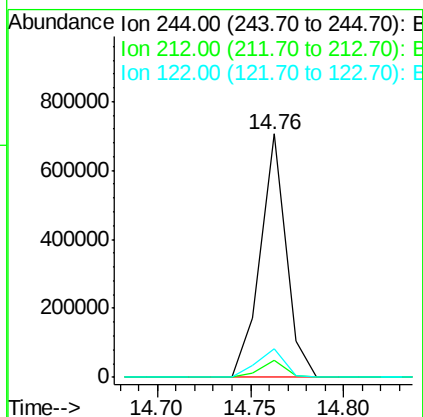
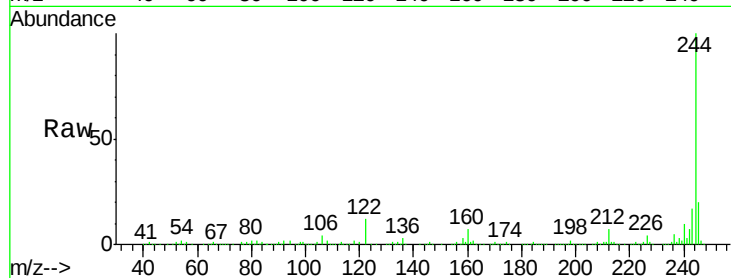




#78
 Terphenyl-d14
 Concen: 71.58 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB82015BL

Tot Ion:244 Resp: 677606
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 11.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1477
 Delta R.T. -0.14 min
 Lab File: BF077664.D
 Acq: 10 Mar 2015 16:43

Tgt Ion:264 Resp: 218067
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.0 16.8 25.2

