

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031215\
 Data File : BF077728.D
 Acq On : 12 Mar 2015 16:03
 Operator : TP/IZ
 Sample : PB82093BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BL

Quant Time: Mar 13 00:09:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 00:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	55407	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	218458	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	114016	20.00	ng	-0.01
63) Phenanthrene-d10	12.75	188	225578	20.00	ng	-0.01
75) Chrysene-d12	16.04	240	227585	20.00	ng	-0.13
86) Perylene-d12	17.85	264	224303	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	366463	115.45	ng	0.00
7) Phenol-d6	6.74	99	480750	122.58	ng	0.00
23) Nitrobenzene-d5	7.86	82	254869	76.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	110977	101.73	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	564620	72.78	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

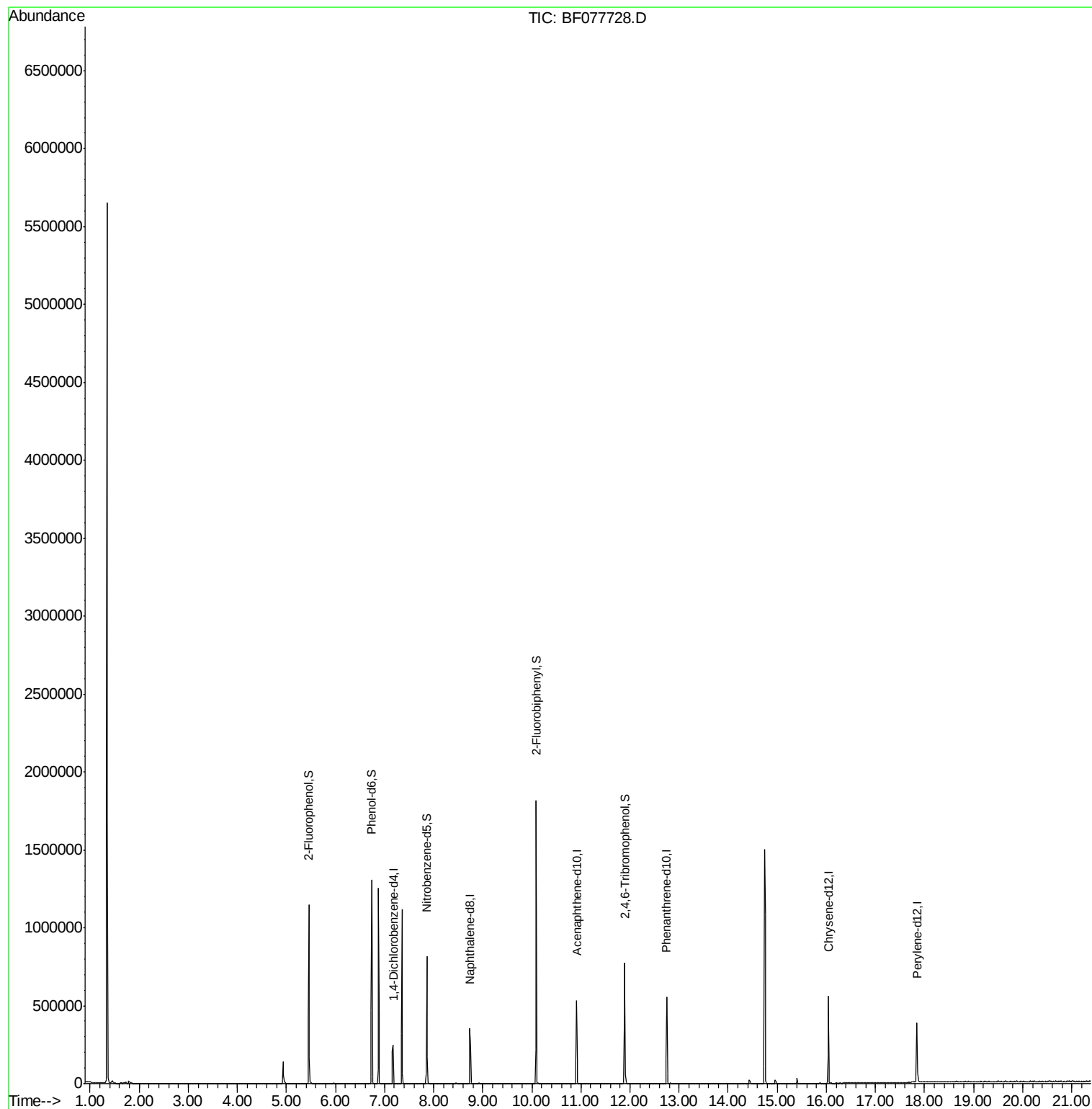
Target Compounds Qvalue

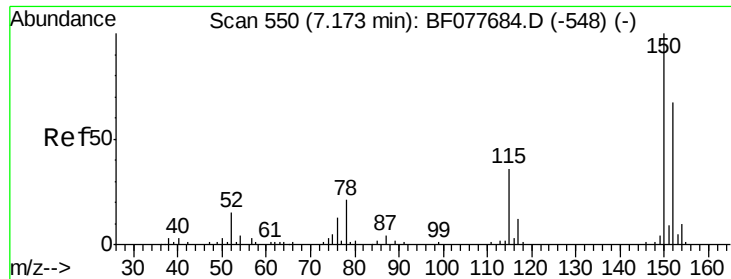
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077728.D

Acq: 12 Mar 2015 16:03

Instrument :

BNA_F

ClientSampleID :

PB82093BL

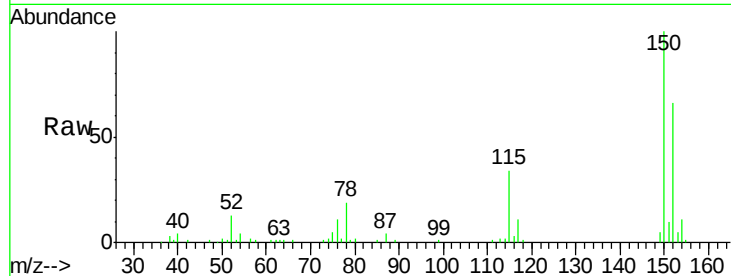
Tgt Ion:152 Resp: 55407

Ion Ratio Lower Upper

152 100

150 152.0 119.5 179.3

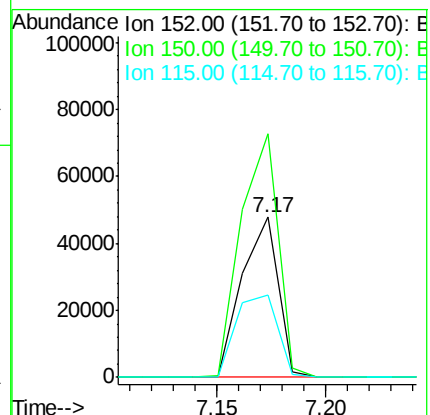
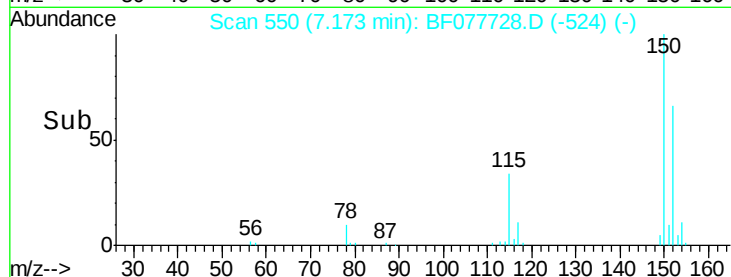
115 51.1 43.0 64.4



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: 115.45 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077728.D

Acq: 12 Mar 2015 16:03

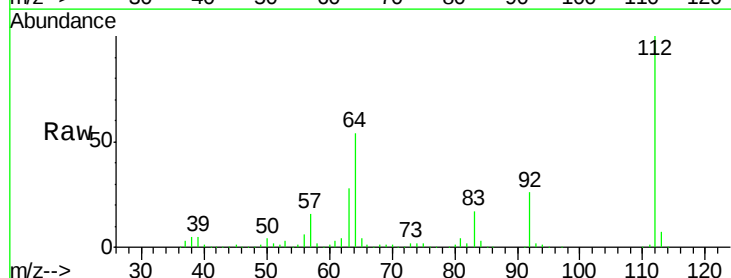
Tgt Ion:112 Resp: 366463

Ion Ratio Lower Upper

112 100

64 54.1 38.6 57.8

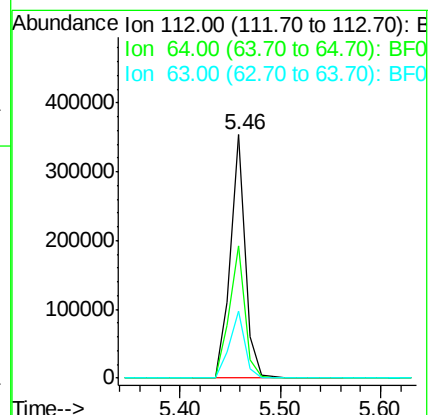
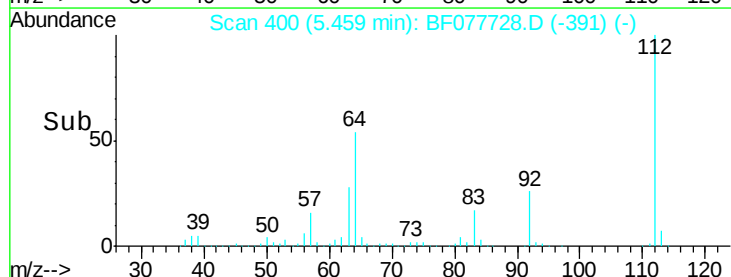
63 27.5 19.3 28.9

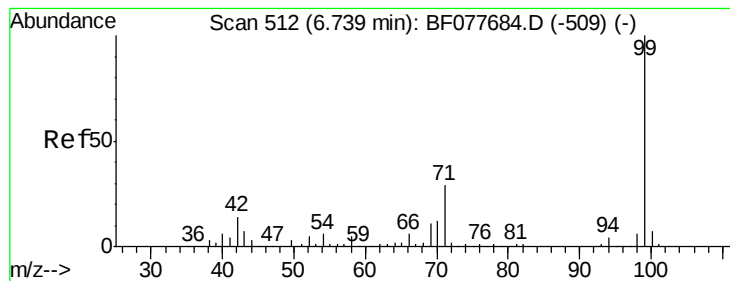


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.58 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077728.D

Acq: 12 Mar 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB82093BL

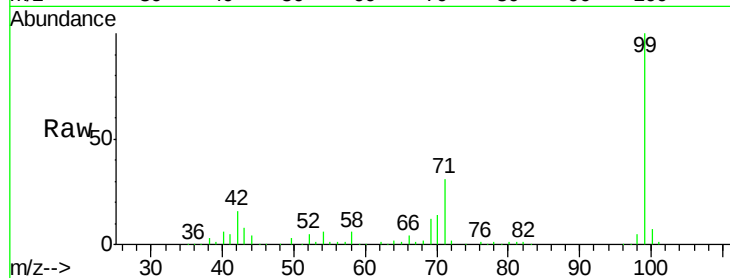
Tgt Ion: 99 Resp: 480750

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

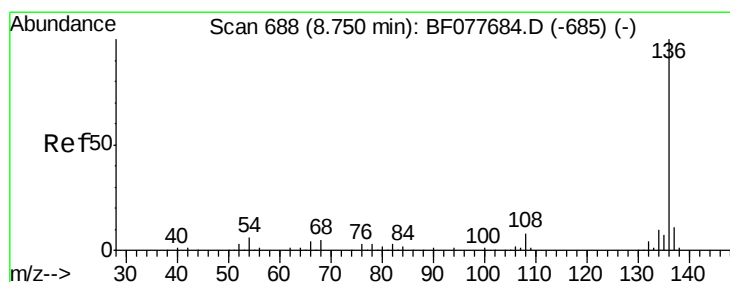
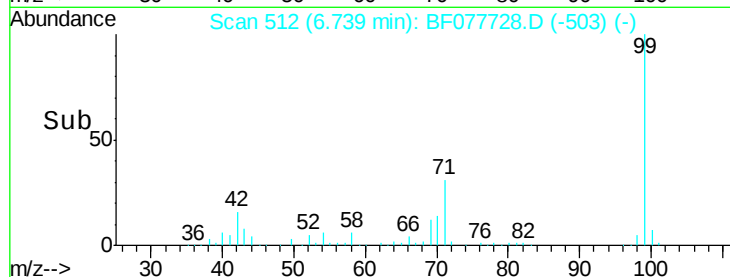
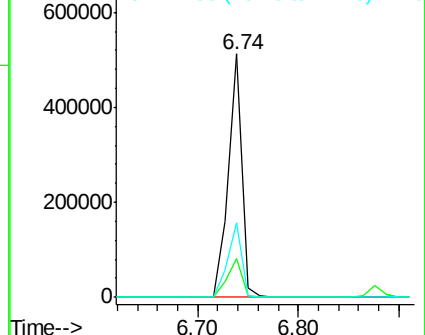
71 30.8 23.4 35.2



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: BF077728.D

Acq: 12 Mar 2015 16:03

Tgt Ion: 136 Resp: 218458

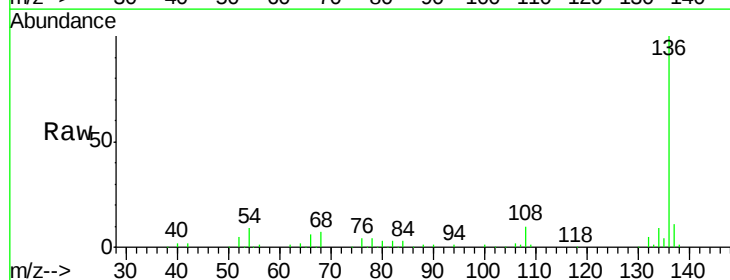
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.2 4.6 6.8#

68 6.9 3.7 5.5#

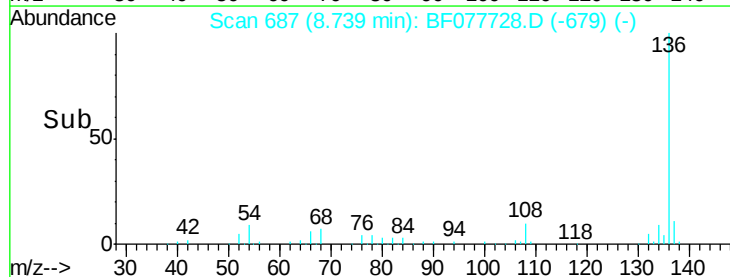
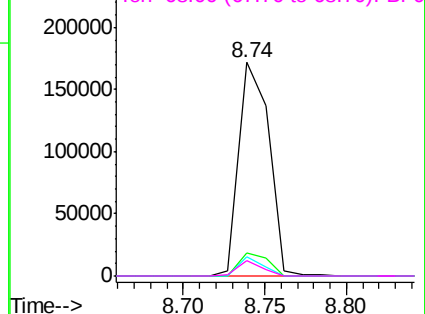


Abundance Ion 136.00 (135.70 to 136.70): E

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

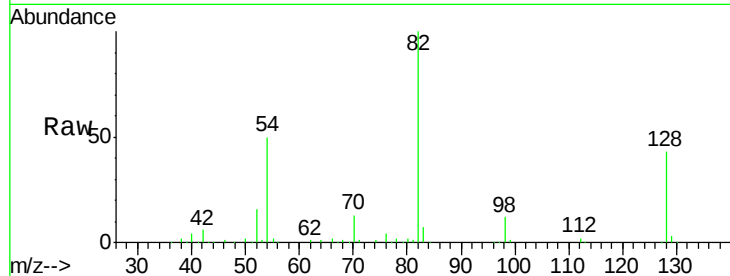




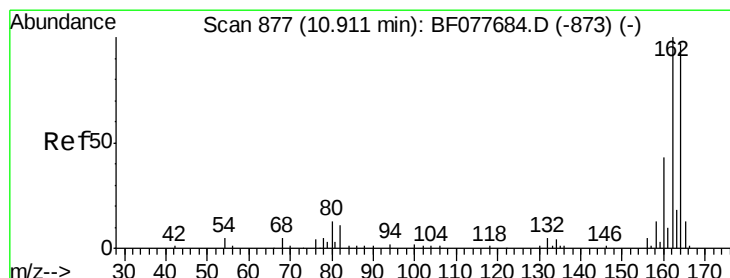
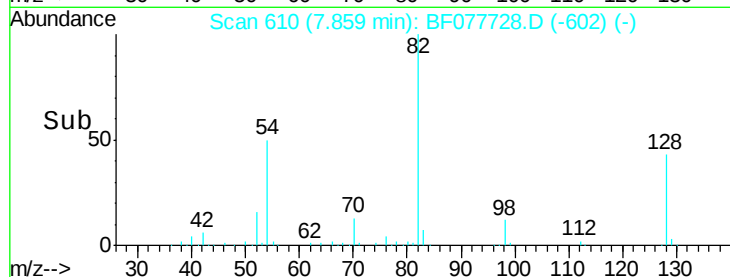
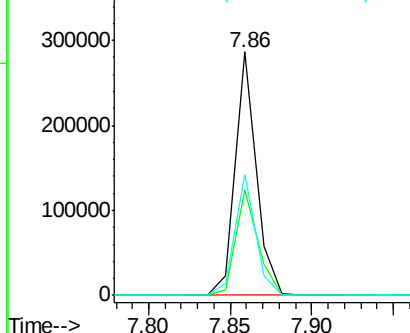
#23
Nitrobenzene-d5
Concen: 76.48 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF077728.D
Acq: 12 Mar 2015 16:03

Instrument :
BNA_F
ClientSampleId :
PB82093BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.8	49.2
54	49.8	40.6	60.8

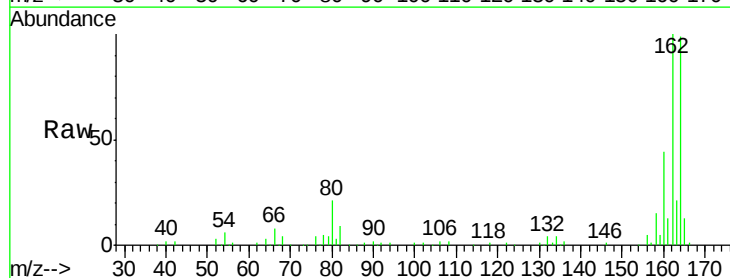


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

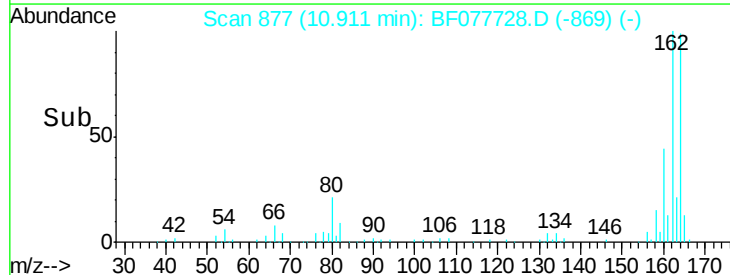
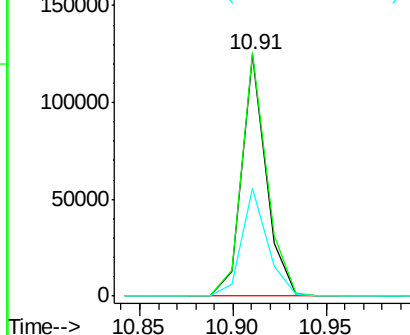


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF077728.D
Acq: 12 Mar 2015 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	44.6	35.8	53.6



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

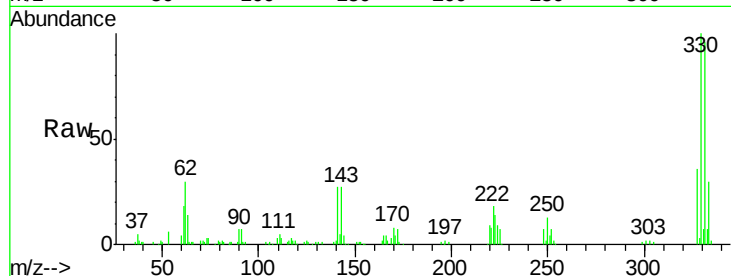




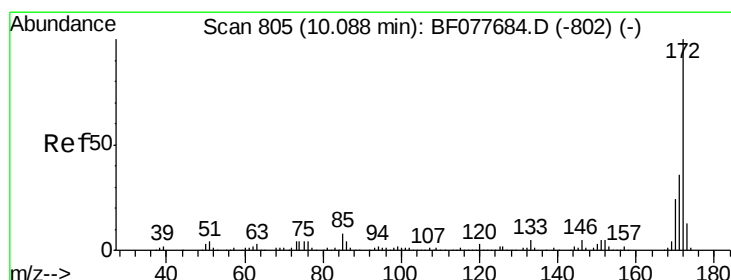
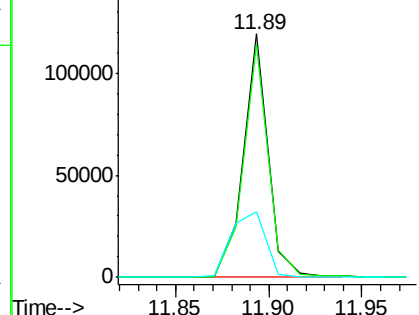
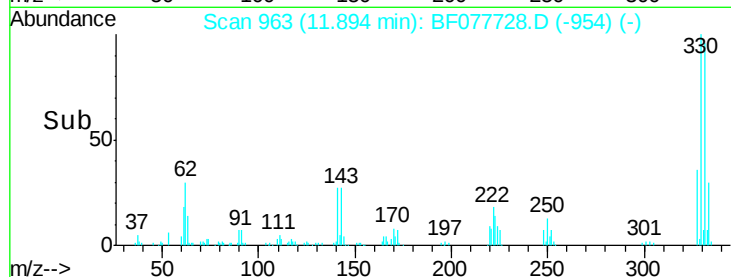
#41
 2,4,6-Tribromophenol
 Concen: 101.73 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077728.D
 Acq: 12 Mar 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB82093BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.2	0.0	0.0#

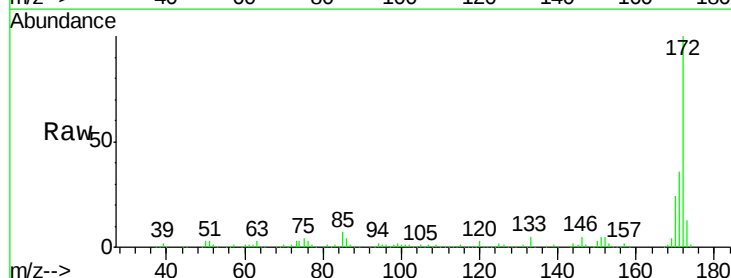


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

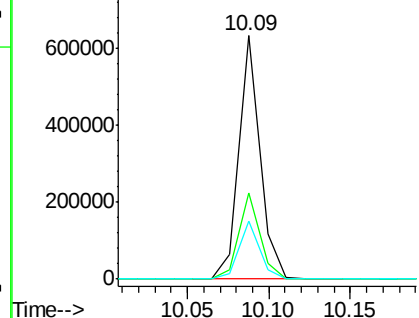
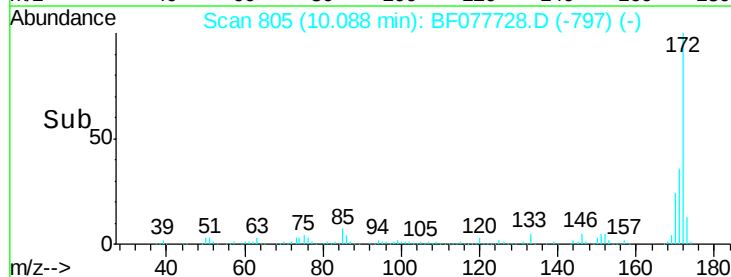


#44
 2-Fluorobiphenyl
 Concen: 72.78 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF077728.D
 Acq: 12 Mar 2015 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	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

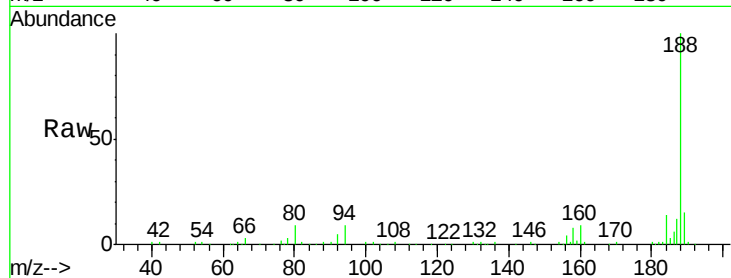




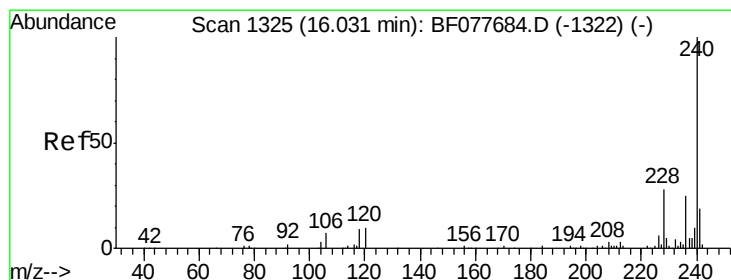
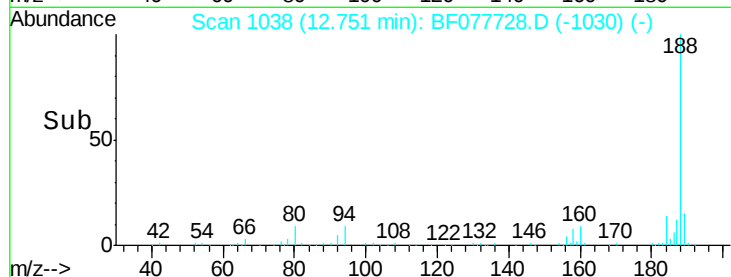
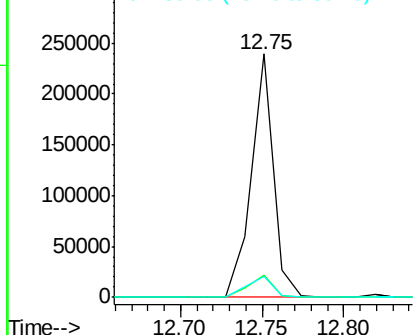
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF077728.D
Acq: 12 Mar 2015 16:03

Instrument :
BNA_F
ClientSampleId :
PB82093BL

Tgt Ion:188 Resp: 225578
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 8.7 9.3 13.9#

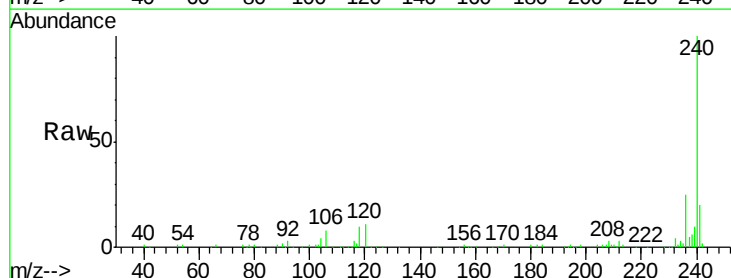


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

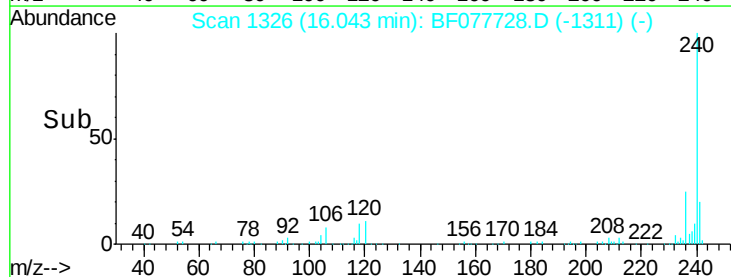
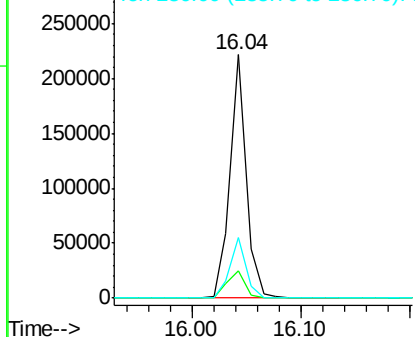


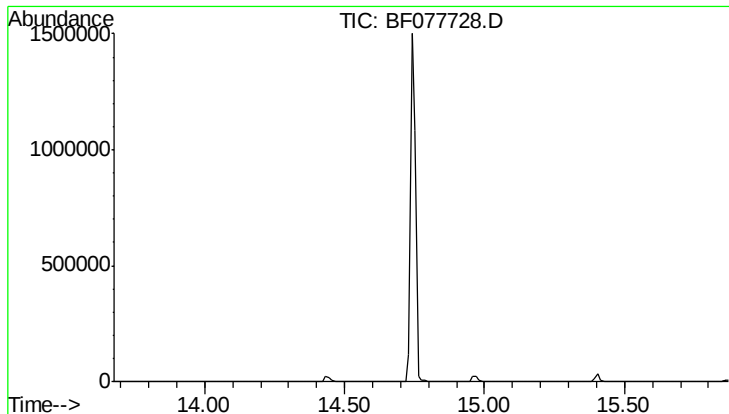
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. -0.13 min
Lab File: BF077728.D
Acq: 12 Mar 2015 16:03

Tgt Ion:240 Resp: 227585
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 25.0 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: 0.00 ng

Expected RT: 14.77 min

Lab File: BF077728.D

Acq: 12 Mar 2015 16:03

Instrument :

BNA_F

ClientSampleId :

PB82093BL

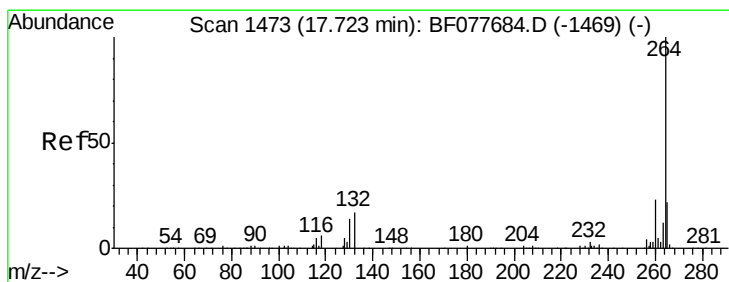
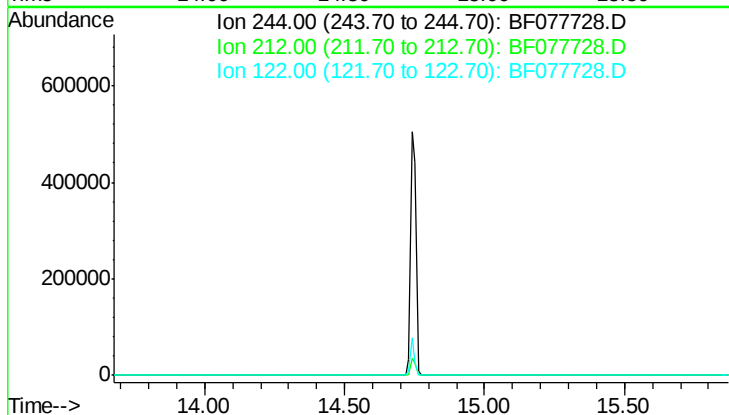
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.1

122 7.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.85 min Scan# 1484

Delta R.T. -0.34 min

Lab File: BF077728.D

Acq: 12 Mar 2015 16:03

Tgt Ion: 264 Resp: 224303

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.1 17.3 25.9

