

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077030.D
 Acq On : 23 Jan 2015 4:00
 Operator : TP/IZ
 Sample : G1120-03
 Misc : S
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-B

Quant Time: Jan 23 04:53:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 03:40:26 2015
 Response via : Initial Calibration

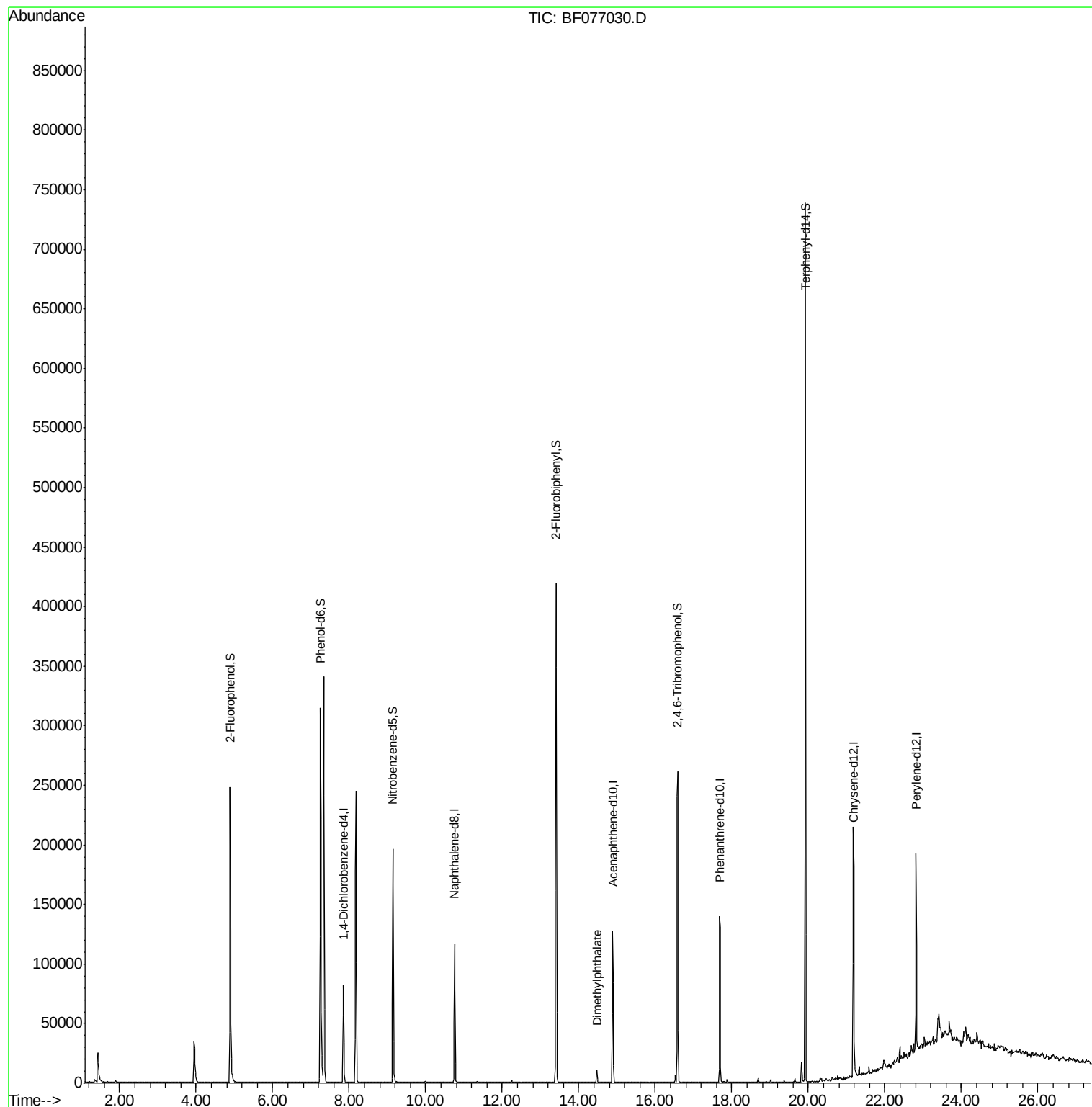
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	22075	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	95600	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	51840	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	83859	20.00	ng	0.00
75) Chrysene-d12	21.19	240	78816	20.00	ng	0.00
86) Perylene-d12	22.81	264	75775	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	137524	102.43	ng	0.00
7) Phenol-d6	7.25	99	189785	112.05	ng	-0.01
23) Nitrobenzene-d5	9.14	82	113456	65.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	43998	104.56	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	246292	72.30	ng	-0.01
78) Terphenyl-d14	19.92	244	255719	74.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.48	163	10435	2.84	ng	Qvalue # 97

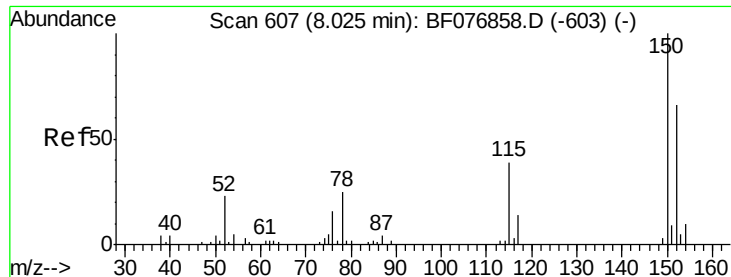
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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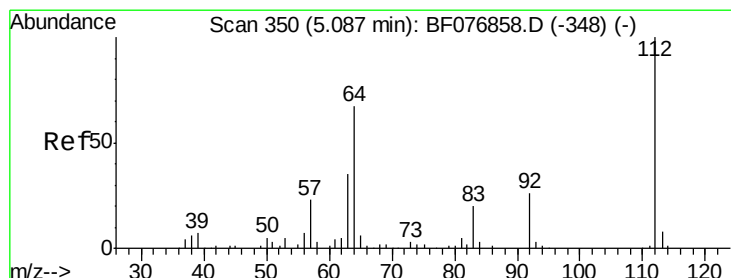
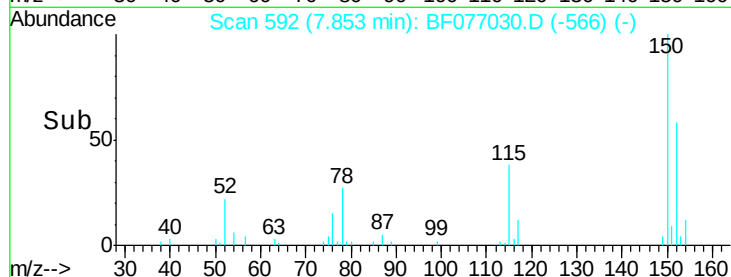
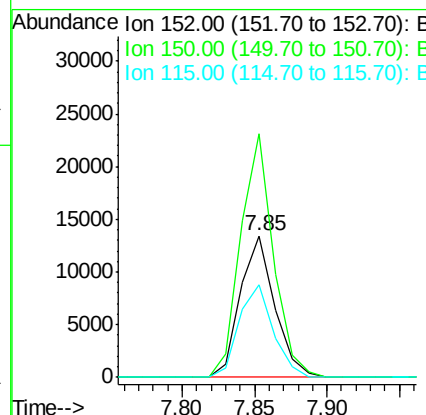
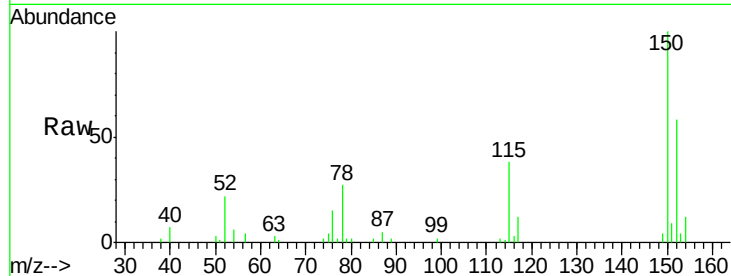


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Instrument :
BNA_F
ClientSampleId :
AY-B5-FOOTINGS-B

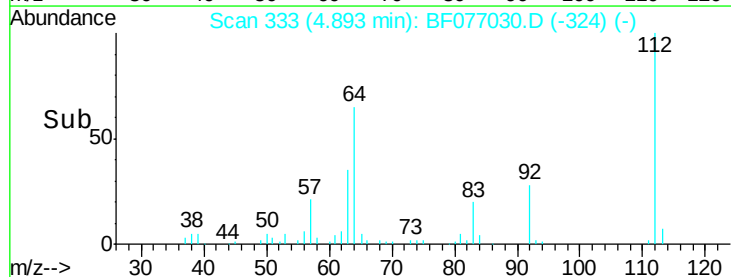
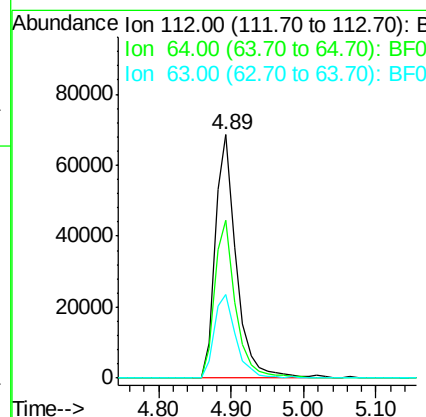
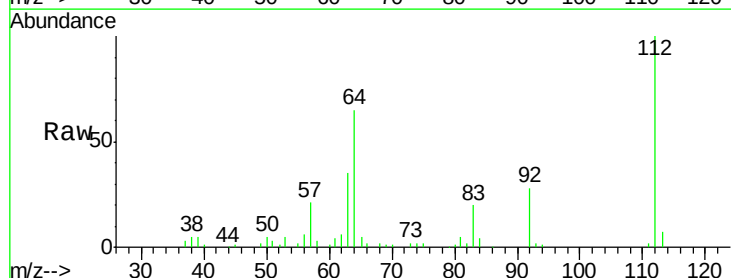
Tot Ion:152 Resp: 22075
Ion Ratio Lower Upper
152 100
150 171.7 121.7 182.5
115 65.6 47.0 70.6

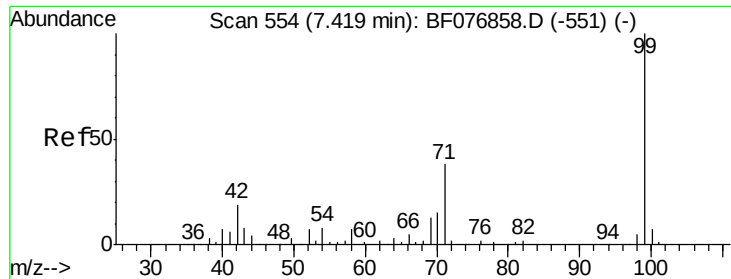


#5

2-Fluorophenol
Concen: 102.43 ng
RT: 4.89 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF077030.D
Acq: 23 Jan 2015 4:00

Tgt Ion:112 Resp: 137524
Ion Ratio Lower Upper
112 100
64 64.9 54.2 81.4
63 34.6 28.4 42.6





#7

Phenol-d6

Concen: 112.05 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-B

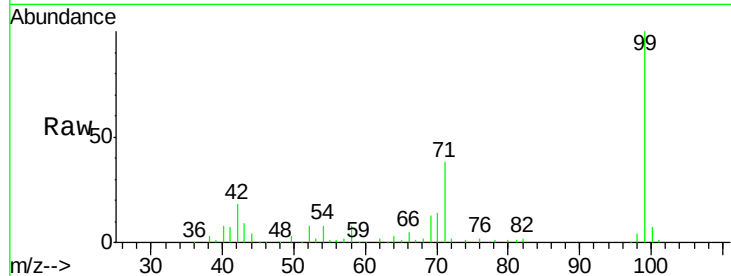
Tot Ion: 99 Resp: 189785

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

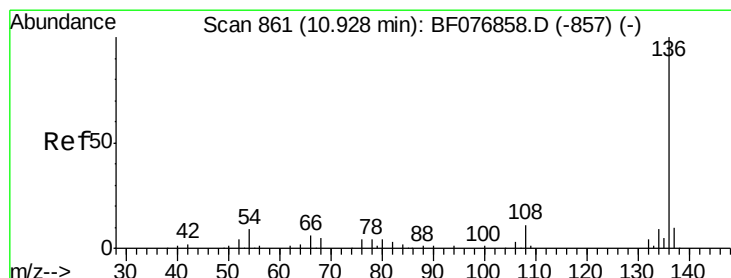
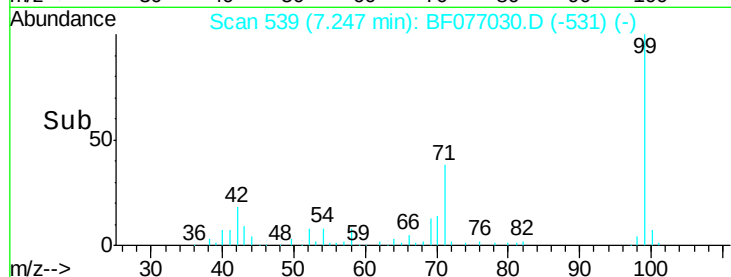
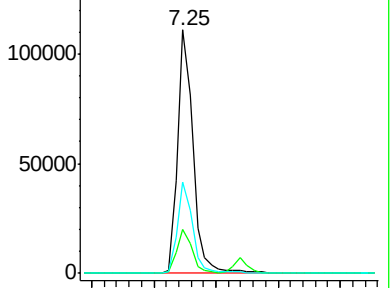
71 37.5 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

Tgt Ion: 136 Resp: 95600

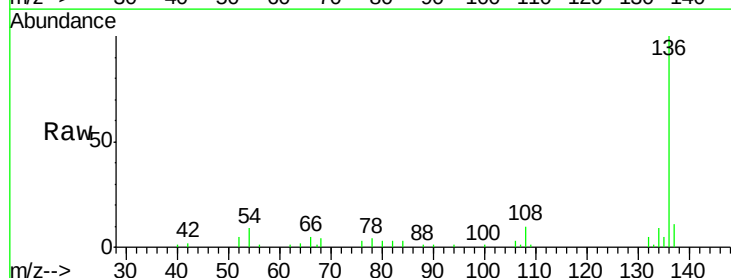
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 9.4 7.0 10.4

68 4.4 3.7 5.5

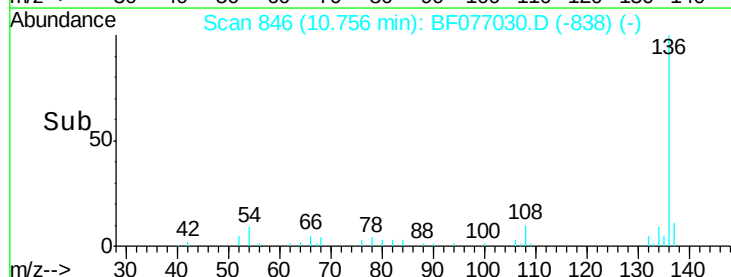
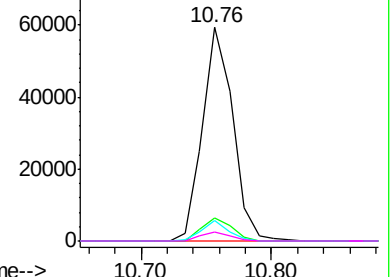


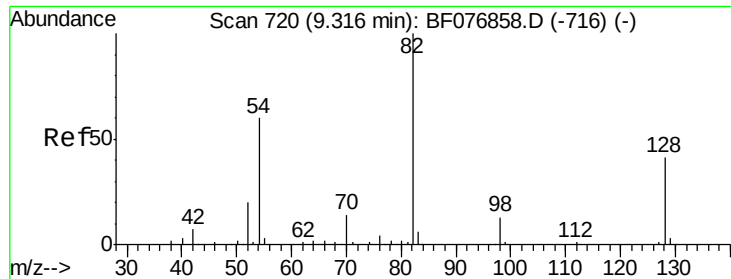
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

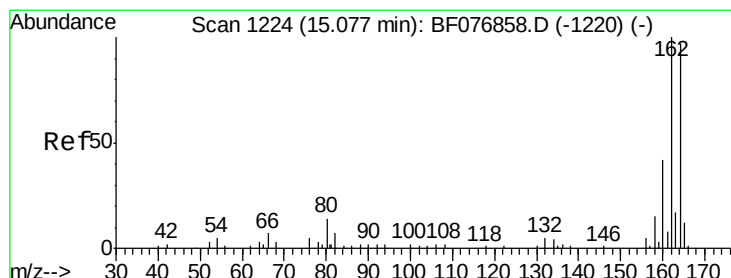
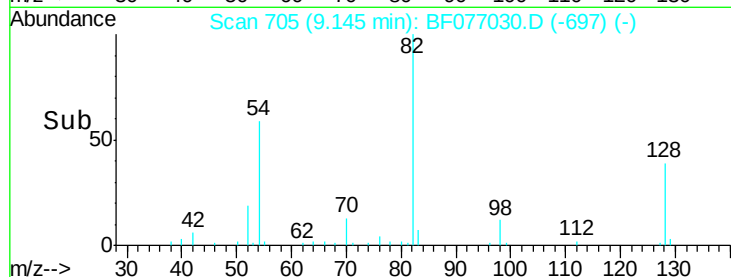
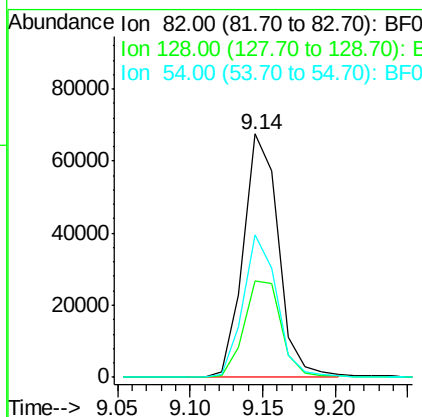
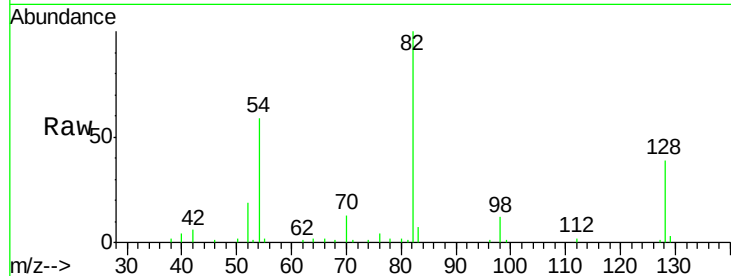




#23
 Nitrobenzene-d5
 Concen: 65.75 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

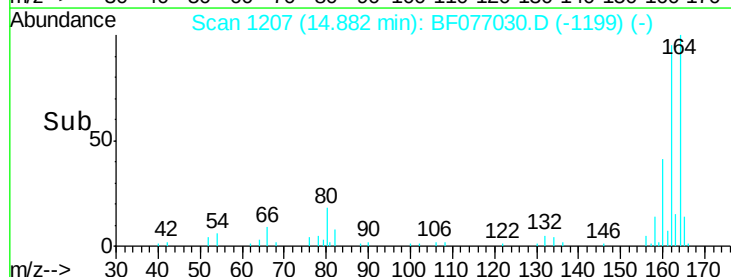
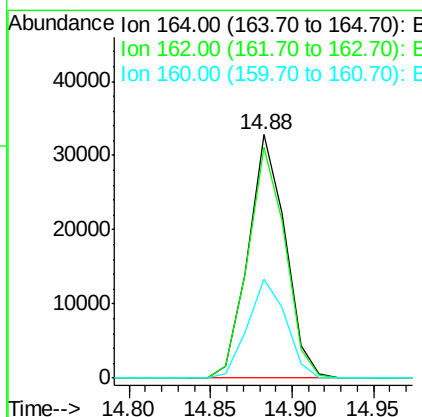
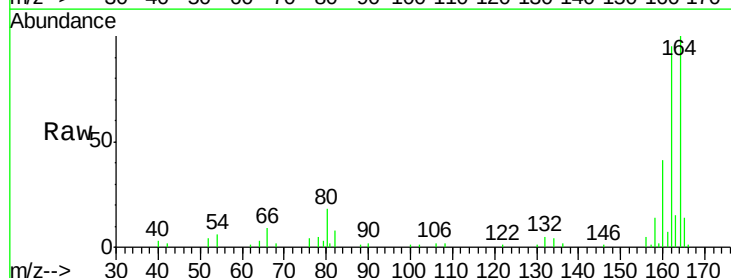
Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-B

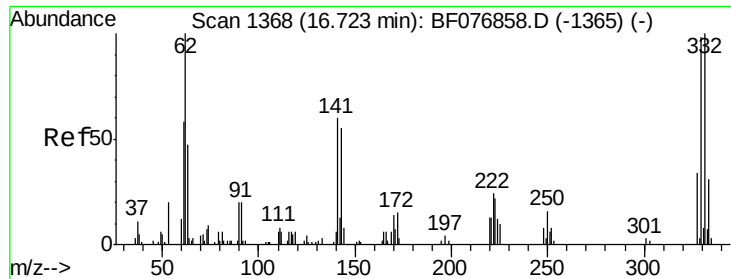
Tot Ion: 82 Resp: 113456
 Ion Ratio Lower Upper
 82 100
 128 39.4 33.1 49.7
 54 58.6 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

Tgt Ion: 164 Resp: 51840
 Ion Ratio Lower Upper
 164 100
 162 94.7 82.4 123.6
 160 40.8 34.8 52.2

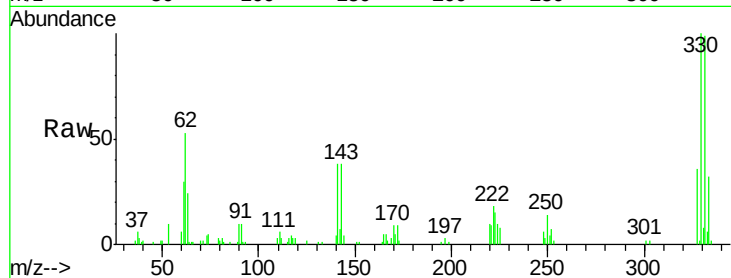




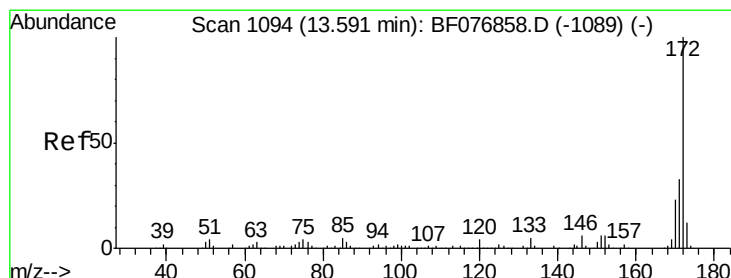
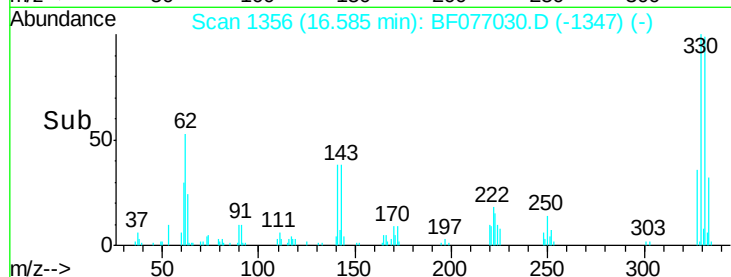
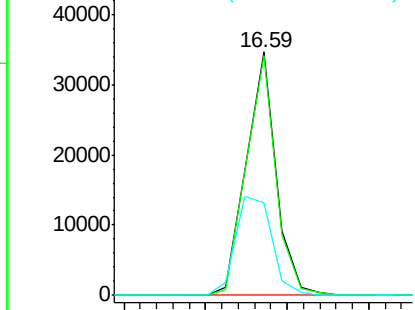
#41
 2,4,6-Tribromophenol
 Concen: 104.56 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.6
141	49.3	38.5	57.7

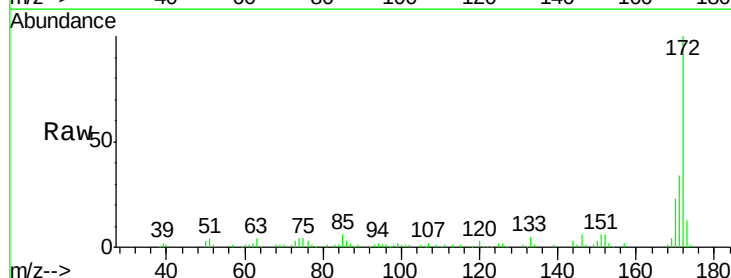


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

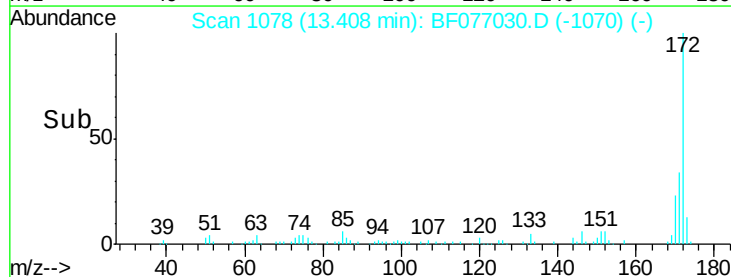
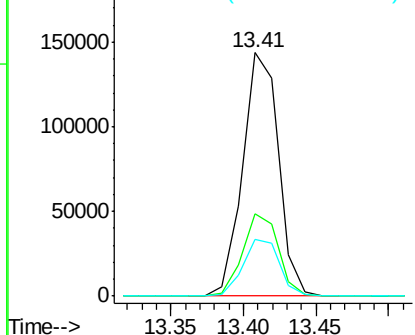


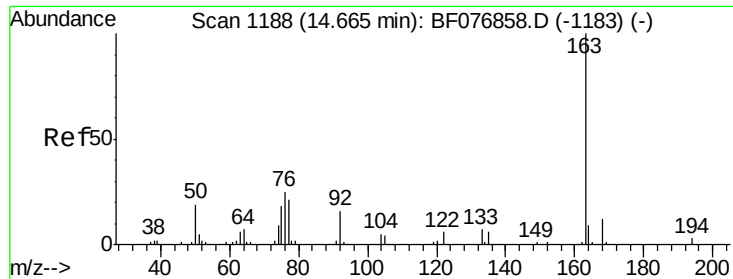
#44
 2-Fluorobiphenyl
 Concen: 72.30 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.6	40.0
170	23.1	18.0	27.0



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: 2.84 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-B

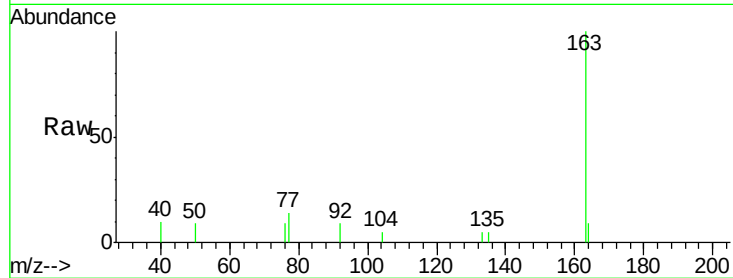
Tot Ion:163 Resp: 10435

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

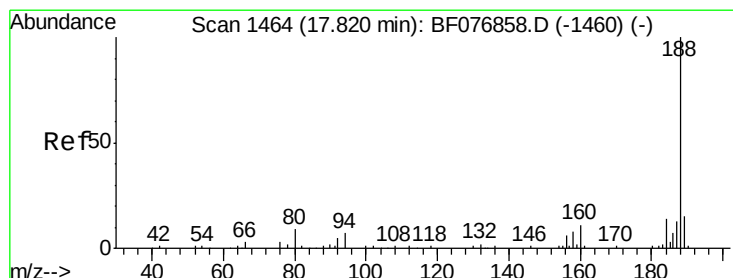
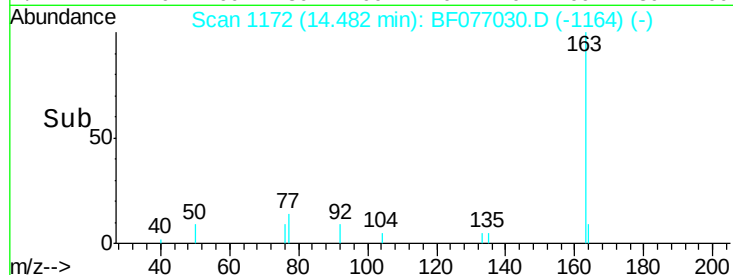
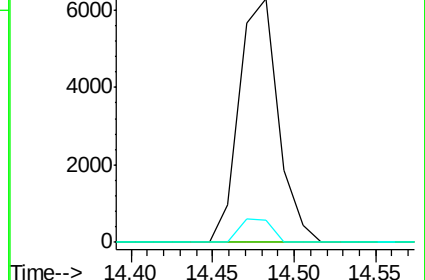
164 9.2 7.5 11.3



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.69 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

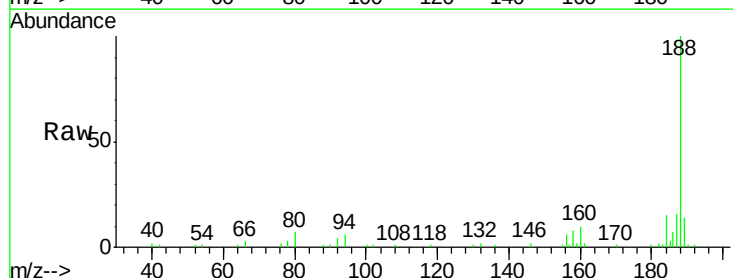
Tgt Ion:188 Resp: 83859

Ion Ratio Lower Upper

188 100

94 6.1 6.0 9.0

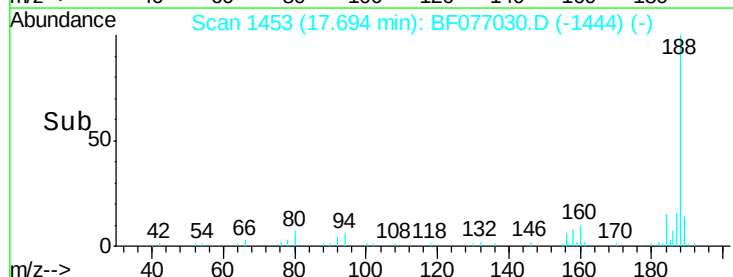
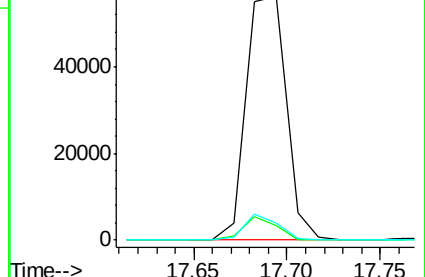
80 7.2 6.9 10.3

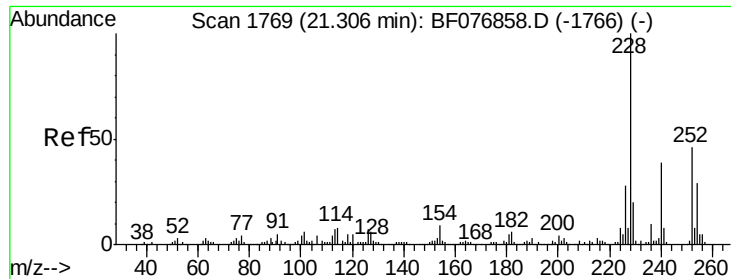


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

Instrument :

BNA_F

ClientSampleId :

AY-B5-FOOTINGS-B

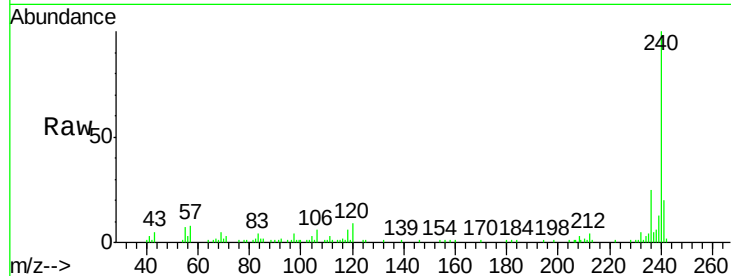
Tot Ion:240 Resp: 78816

Ion Ratio Lower Upper

240 100

120 8.6 10.4 15.6#

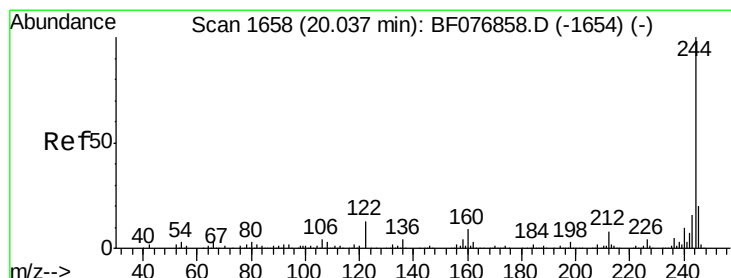
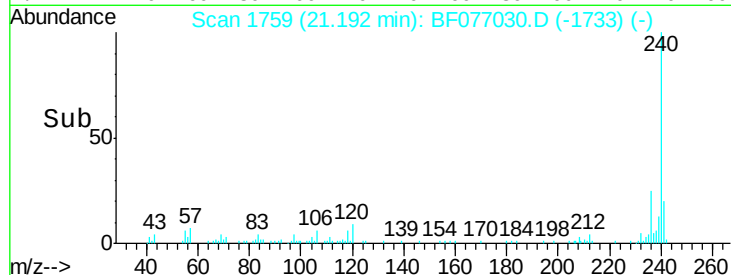
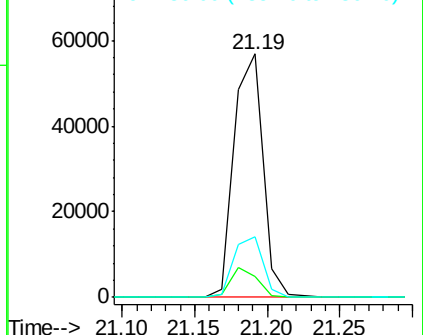
236 24.9 20.2 30.2



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: 74.69 ng

RT: 19.92 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF077030.D

Acq: 23 Jan 2015 4:00

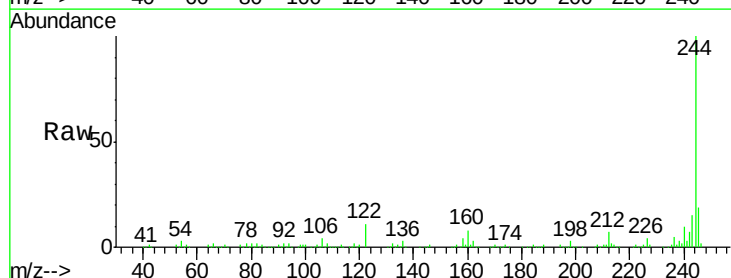
Tgt Ion:244 Resp: 255719

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

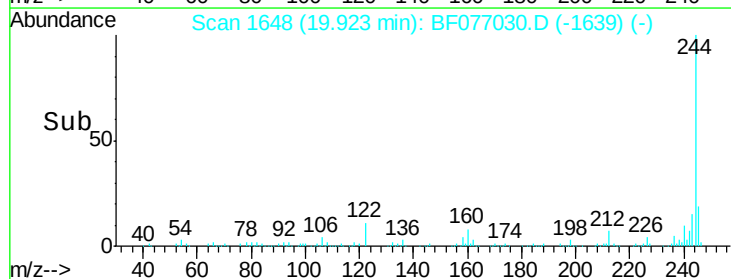
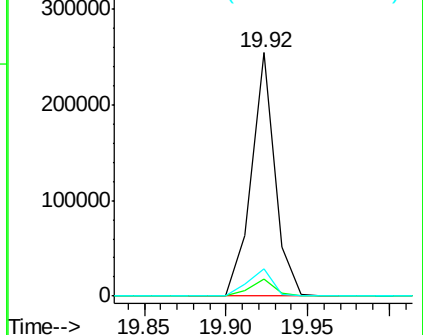
122 11.0 10.1 15.1

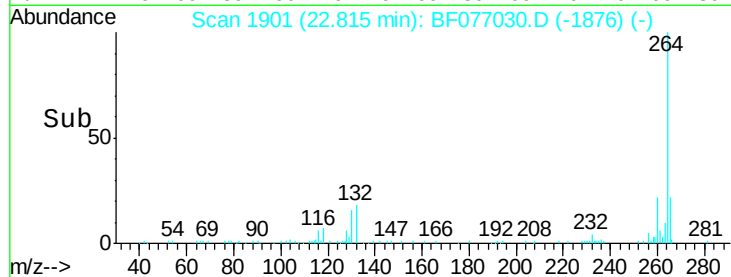
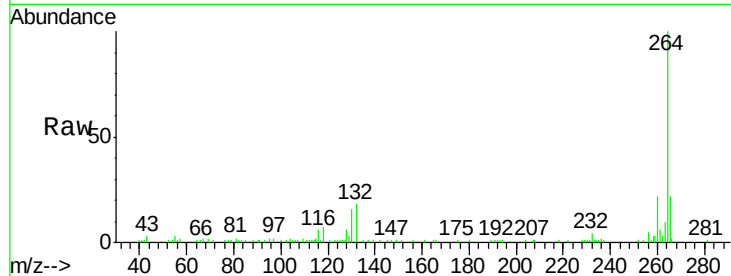
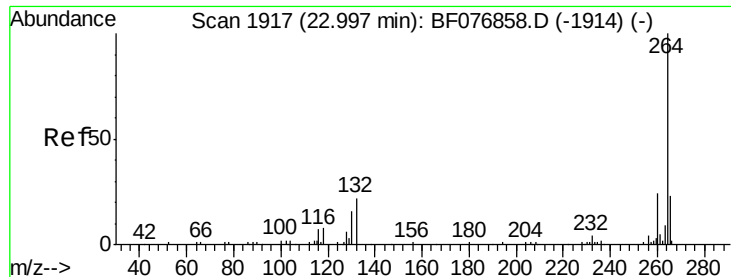


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.81 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF077030.D
 Acq: 23 Jan 2015 4:00

Instrument :
 BNA_F
 ClientSampleId :
 AY-B5-FOOTINGS-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	21.6	18.1	27.1

