

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052115\
 Data File : BF079404.D
 Acq On : 21 May 2015 15:46
 Operator : TP/IZ
 Sample : PB83521BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:29:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	62971	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	258593	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	123069	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	244797	20.00	ng	0.00
75) Chrysene-d12	15.97	240	256831	20.00	ng	0.00
86) Perylene-d12	17.81	264	264568	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	417538	114.14	ng	0.00
7) Phenol-d6	6.65	99	587286	121.45	ng	0.00
23) Nitrobenzene-d5	7.77	82	322241	71.62	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	161414	121.24	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	677307	76.67	ng	0.00
78) Terphenyl-d14	14.65	244	775998	72.34	ng	0.00

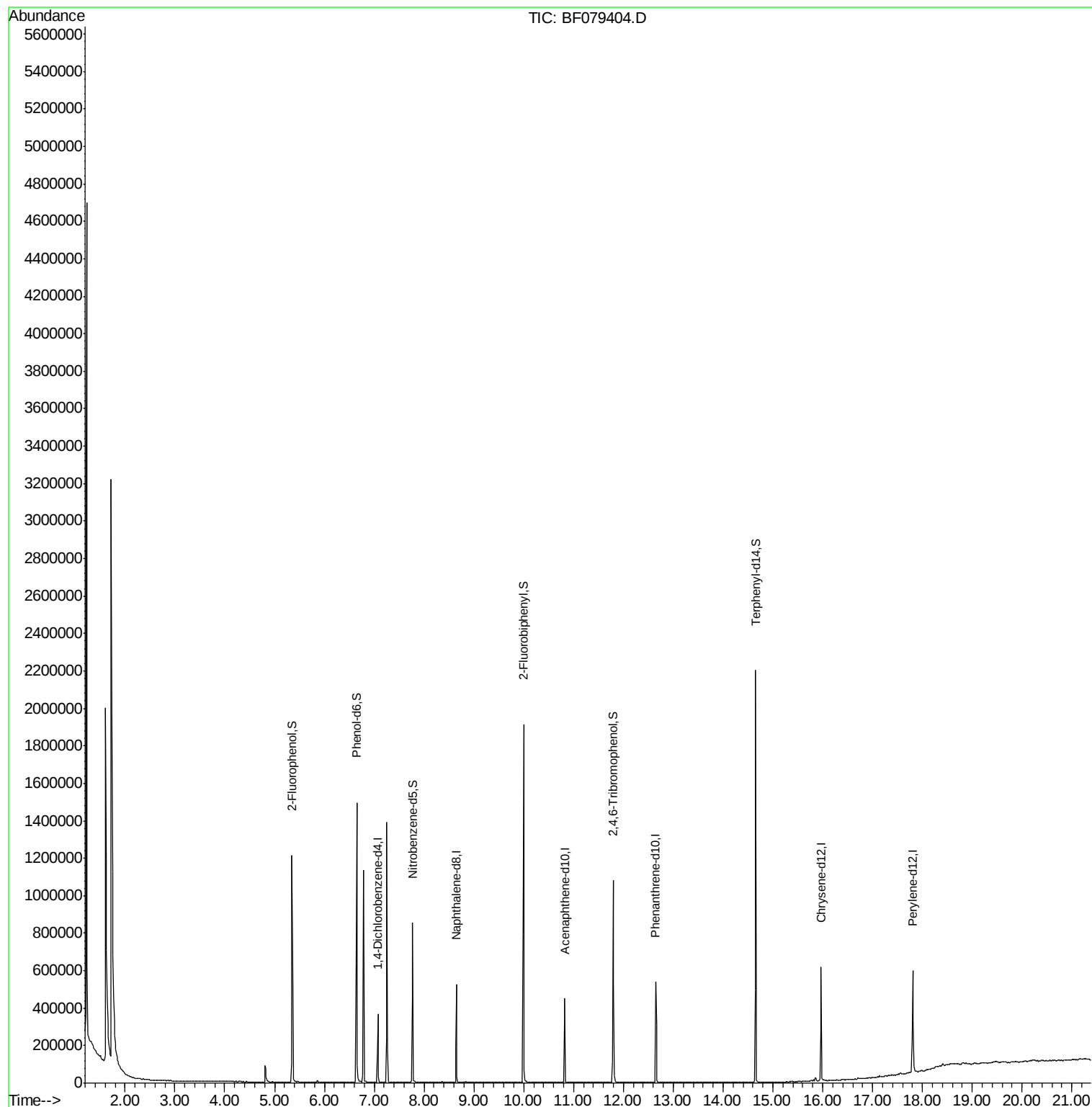
Target Compounds Qvalue

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

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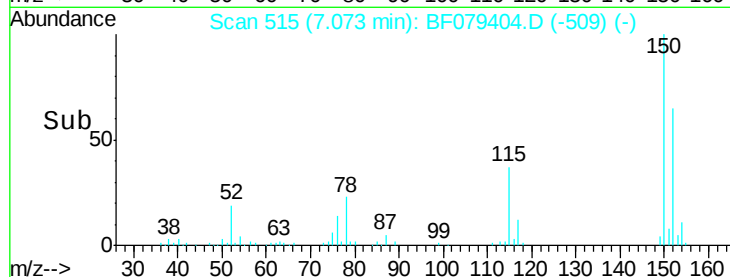
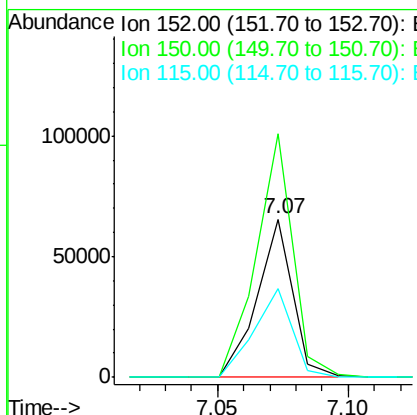
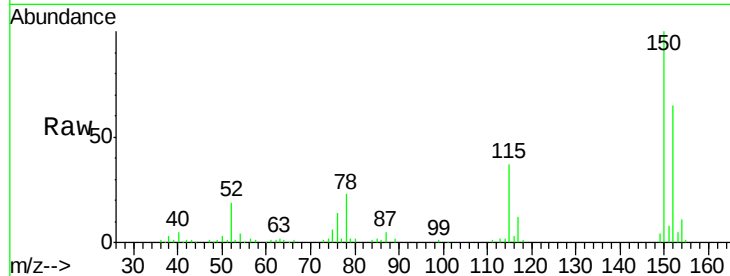




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

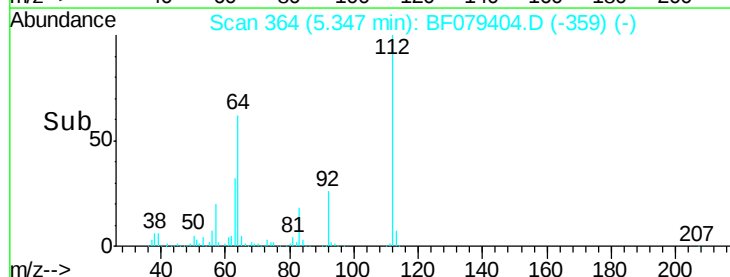
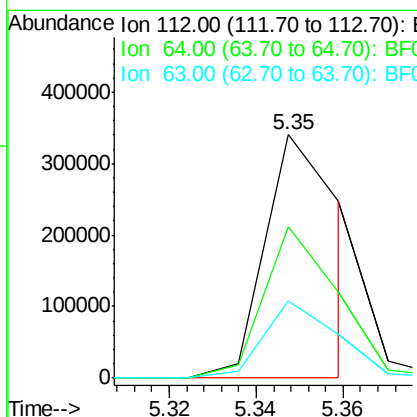
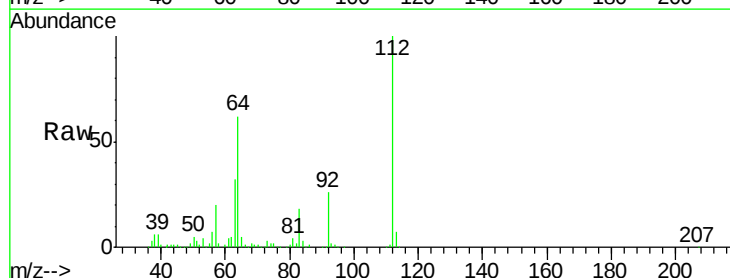
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 62971
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.8 185.8
 115 56.4 49.4 74.0



#5
 2-Fluorophenol
 Concen: 114.14 ng
 RT: 5.35 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Tgt Ion:112 Resp: 417538
 Ion Ratio Lower Upper
 112 100
 64 62.2 44.2 66.2
 63 32.0 22.7 34.1





#7

Phenol-d6

Concen: 121.45 ng

RT: 6.65 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF079404.D

Acq: 21 May 2015 15:46

Instrument :

BNA_F

ClientSampleId :

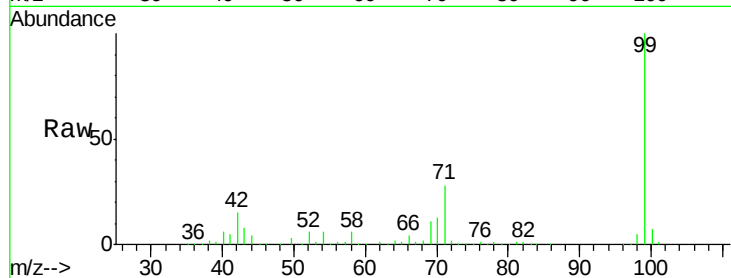
Tot Ion: 99 Resp: 587286

Ion Ratio Lower Upper

99 100

42 15.0 17.1 25.7#

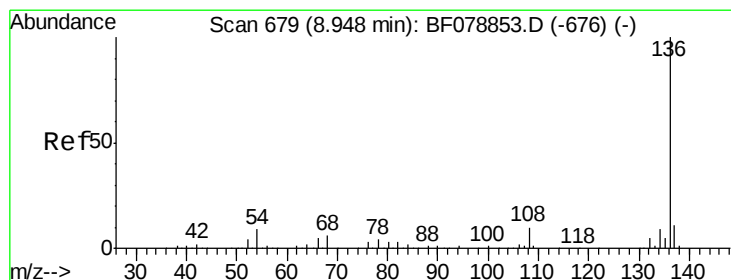
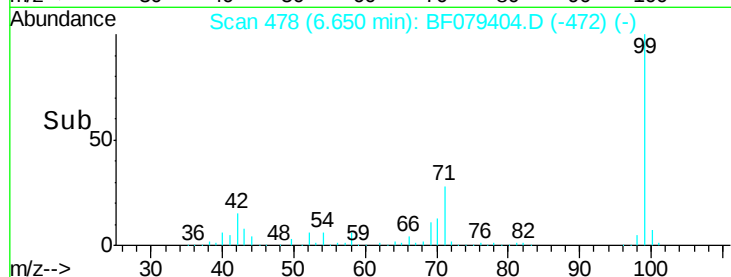
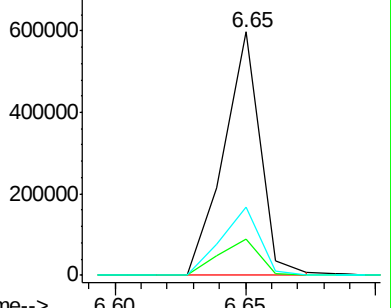
71 28.2 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF079404.D

Acq: 21 May 2015 15:46

Tgt Ion: 136 Resp: 258593

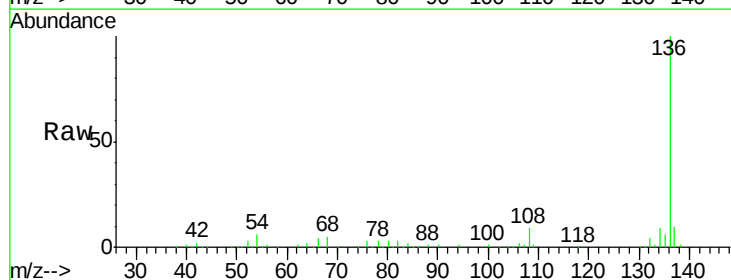
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.4 6.9 10.3#

68 4.9 4.9 7.3#

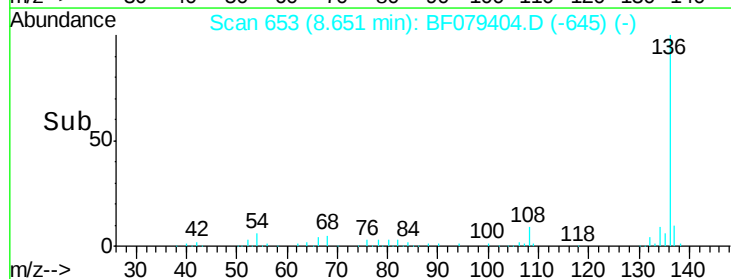
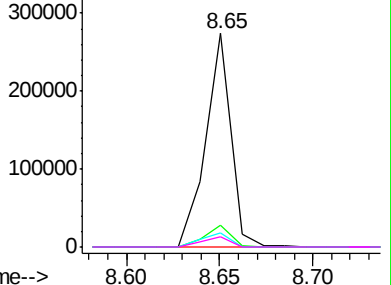


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

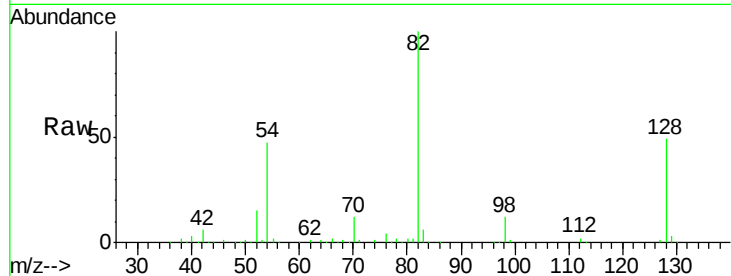




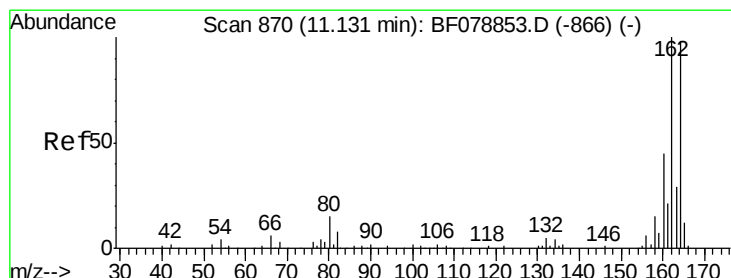
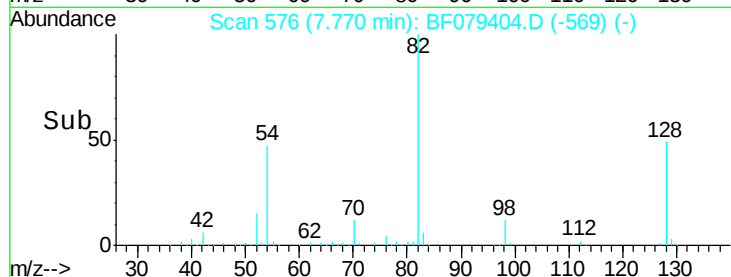
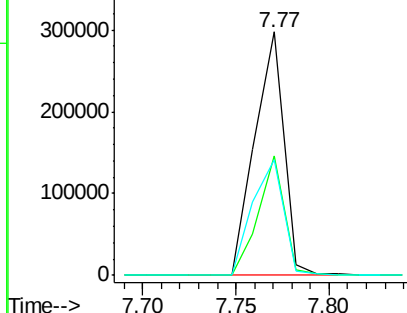
#23
 Nitrobenzene-d5
 Concen: 71.62 ng
 RT: 7.77 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 322241
 Ion Ratio Lower Upper
 82 100
 128 48.8 29.7 44.5#
 54 47.4 46.2 69.4

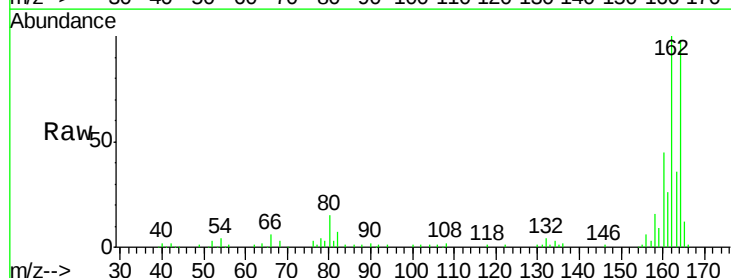


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

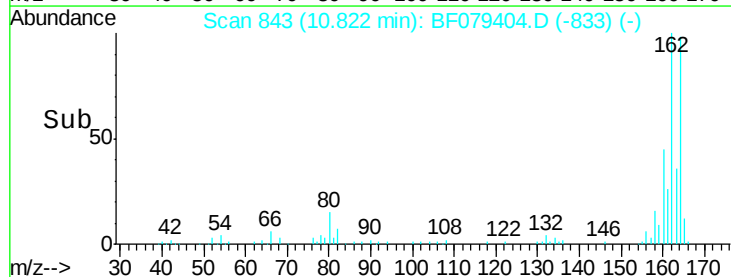
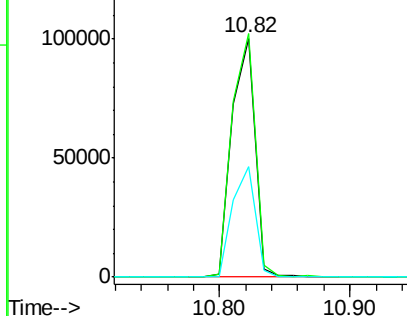


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Tgt Ion:164 Resp: 123069
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 46.1 36.6 54.8



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

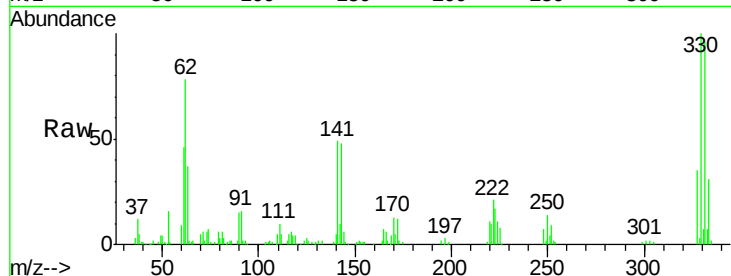




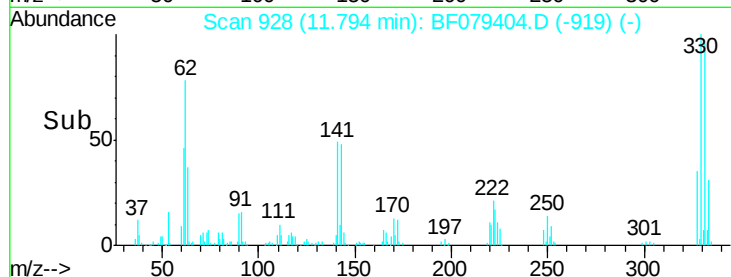
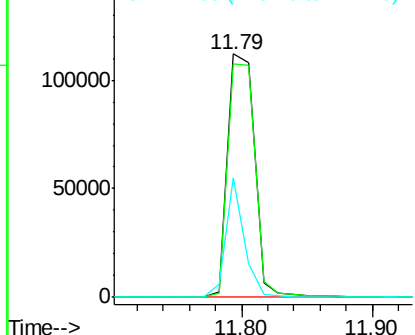
#41
 2,4,6-Tribromophenol
 Concen: 121.24 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 161414
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 33.5 27.8 41.8

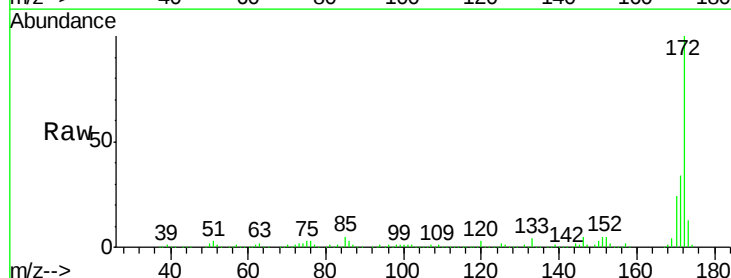


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

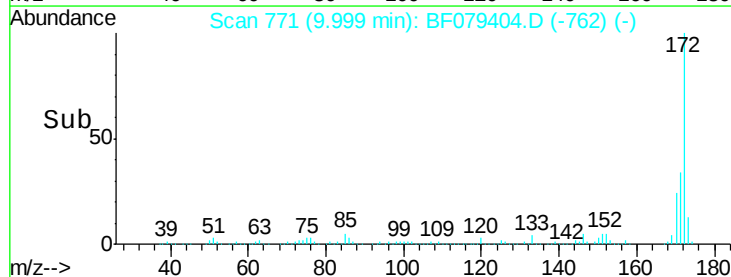
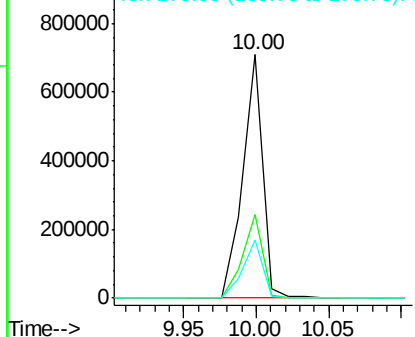


#44
 2-Fluorobiphenyl
 Concen: 76.67 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Tgt Ion:172 Resp: 677307
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.3 42.5
 170 23.9 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

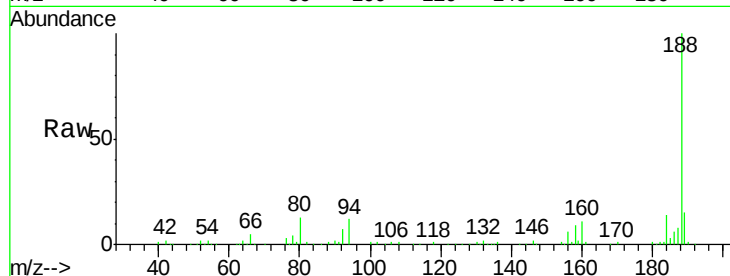




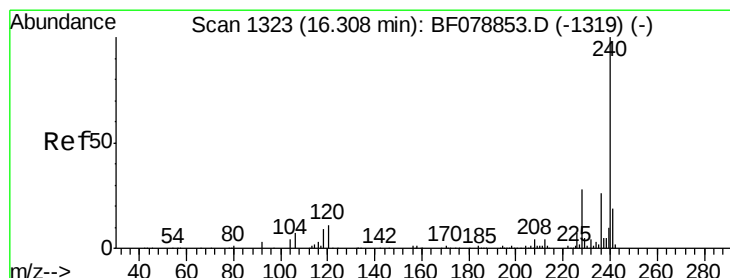
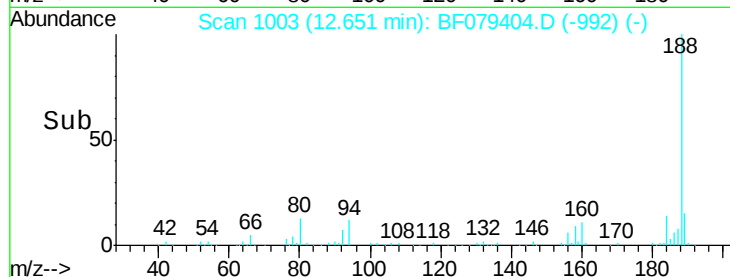
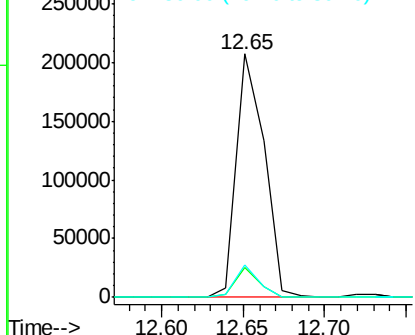
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 244797
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.0
80 13.2 9.8 14.6

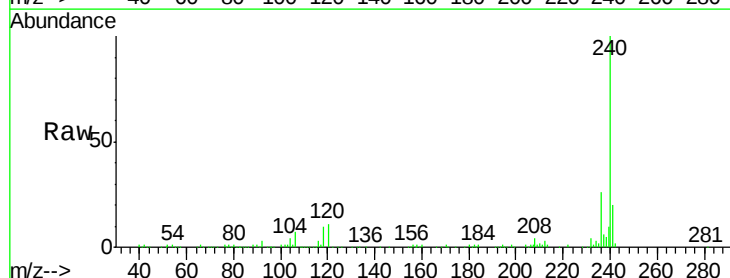


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

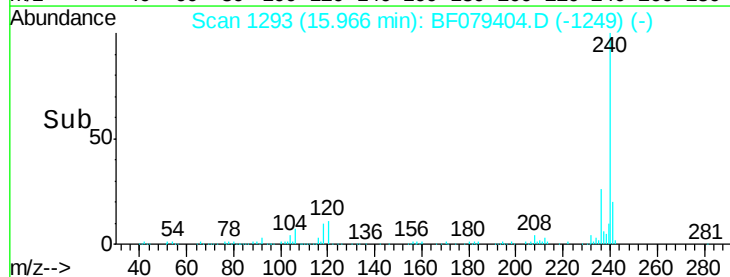
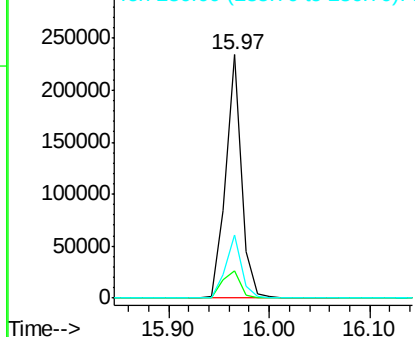


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion:240 Resp: 256831
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.2 21.0 31.6



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

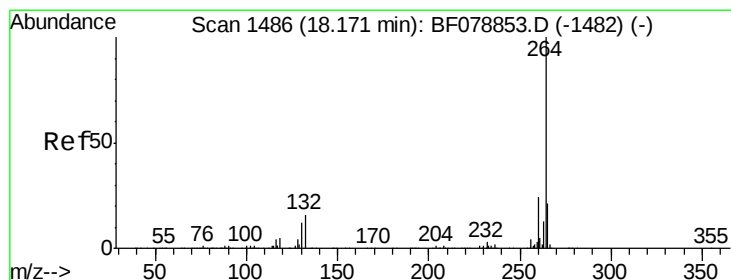
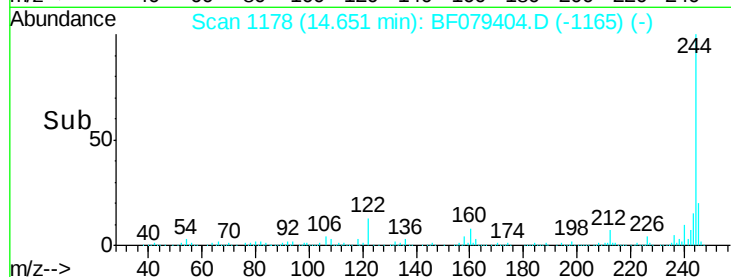
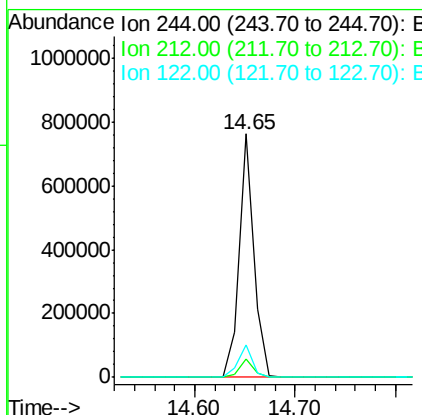
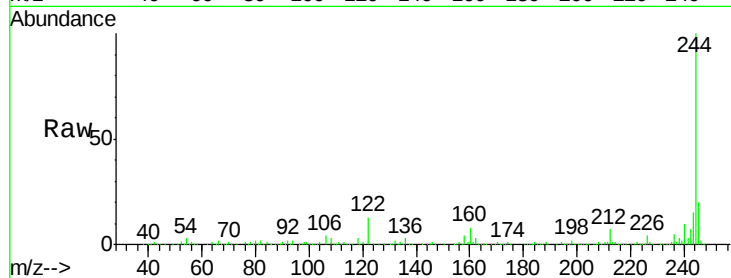




#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 14.65 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 775998
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 13.4 10.5 15.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Tgt Ion:264 Resp: 264568
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.7 17.2 25.8

